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

RE: 2623537 - WOODMAN PARK - WARD RES.

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

Site Information:

Customer Info: Woodman Park Project Name: Charles Ward 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):

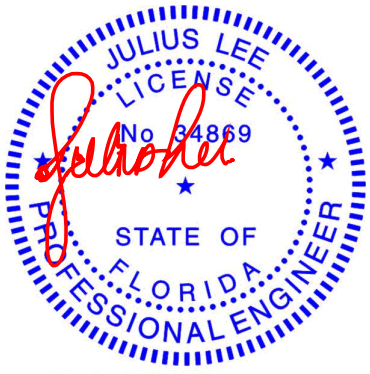
Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.4
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 40 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	T23263010	CJ03	3/22/21	23	T23263032	T07	3/22/21
2	T23263011	CJ03B	3/22/21	24	T23263033	T07G	3/22/21
3	T23263012	CJ04	3/22/21	25	T23263034	T08	3/22/21
4	T23263013	CJ04A	3/22/21	26	T23263035	T09	3/22/21
5	T23263014	CJ05	3/22/21	27	T23263036	T10	3/22/21
6	T23263015	CJ05A	3/22/21	28	T23263037	T11	3/22/21
7	T23263016	EJ01	3/22/21	29	T23263038	T12	3/22/21
8	T23263017	EJ01A	3/22/21	30	T23263039	T13	3/22/21
9	T23263018	EJ02	3/22/21	31	T23263040	T14	3/22/21
10	T23263019	EJ03	3/22/21	32	T23263041	T15	3/22/21
11	T23263020	EJ04	3/22/21	33	T23263042	T16	3/22/21
12	T23263021	HJ09A	3/22/21	34	T23263043	T16G	3/22/21
13	T23263022	HJ09B	3/22/21	35	T23263044	T17	3/22/21
14	T23263023	T01	3/22/21	36	T23263045	T18	3/22/21
15	T23263024	T01G	3/22/21	37	T23263046	T19	3/22/21
16	T23263025	T02	3/22/21	38	T23263047	T20	3/22/21
17	T23263026	T03	3/22/21	39	T23263048	T21	3/22/21
18	T23263027	T03G	3/22/21	40	T23263049	T21G	3/22/21
19	T23263028	T04	3/22/21				
20	T23263029	T05	3/22/21				
21	T23263030	T05G	3/22/21				
22	T23263031	T06	3/22/21				

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-Jacksonville.

Truss Design Engineer's Name: Lee, Julius
My license renewal date for the state of Florida is February 28, 2023.



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Date:
March 22,2021

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 - WARD RES.
2623537	CJ03	Jack-Open	2	1	T23263010
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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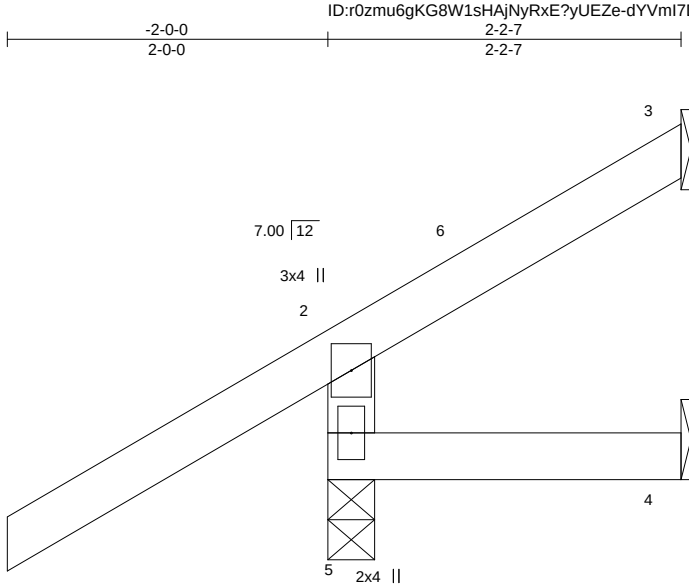


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	0.00	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 11 lb	FT = 20%

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

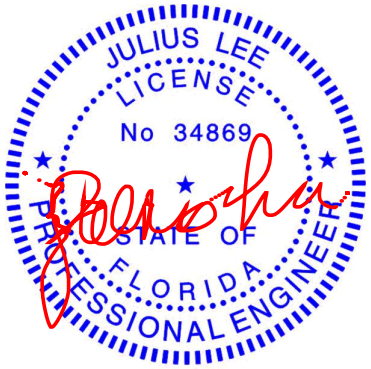
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 5=252/0-3-8, 3=10/Mechanical, 4=1/Mechanical
Max Horz 5=69(LC 12)
Max Uplift 5=-64(LC 12), 3=-23(LC 12)
Max Grav 5=252(LC 1), 3=18(LC 19), 4=32(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 2-1-11 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 64 lb uplift at joint 5 and 23 lb uplift at joint 3.

LOAD CASE(S) Standard



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Date:

March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	CJ03B	Jack-Open	2	1	T23263011
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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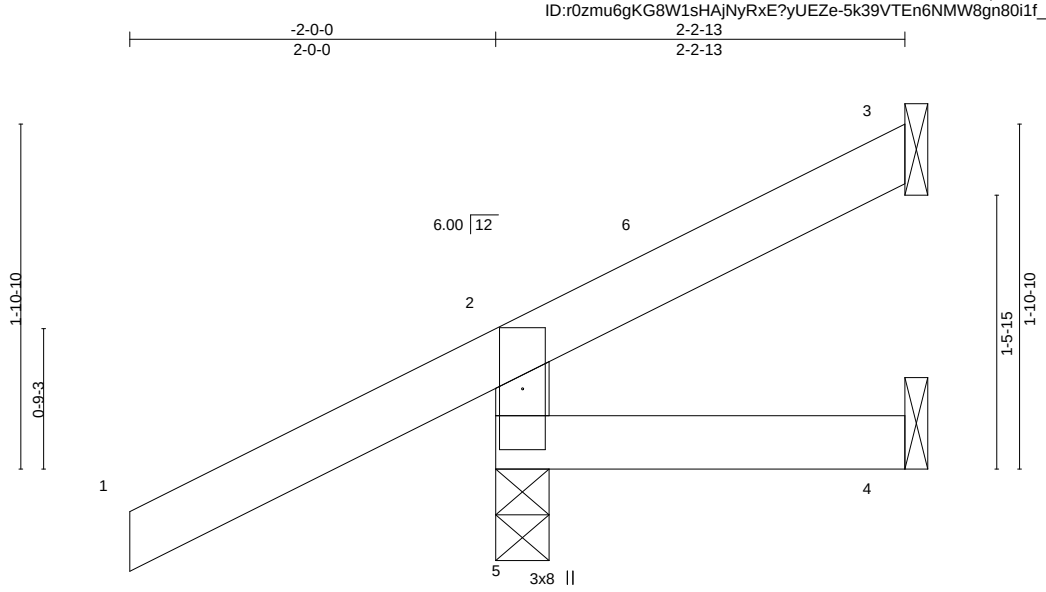


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	0.00	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	0.00	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 11 lb	FT = 20%

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

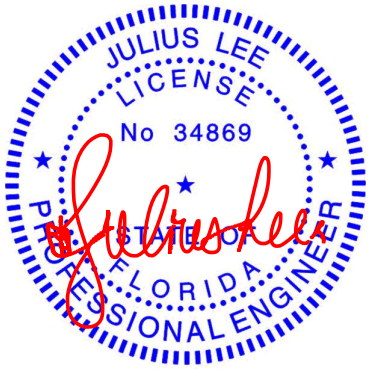
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 5=252/0-3-8, 3=13/Mechanical, 4=0/Mechanical
Max Horz 5=60(LC 12)
Max Uplift 5=-72(LC 12), 3=-19(LC 12)
Max Grav 5=252(LC 1), 3=14(LC 19), 4=32(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 2-2-1 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 72 lb uplift at joint 5 and 19 lb uplift at joint 3.

LOAD CASE(S) Standard



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March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	CJ04	Jack-Open	1	1	T23263012
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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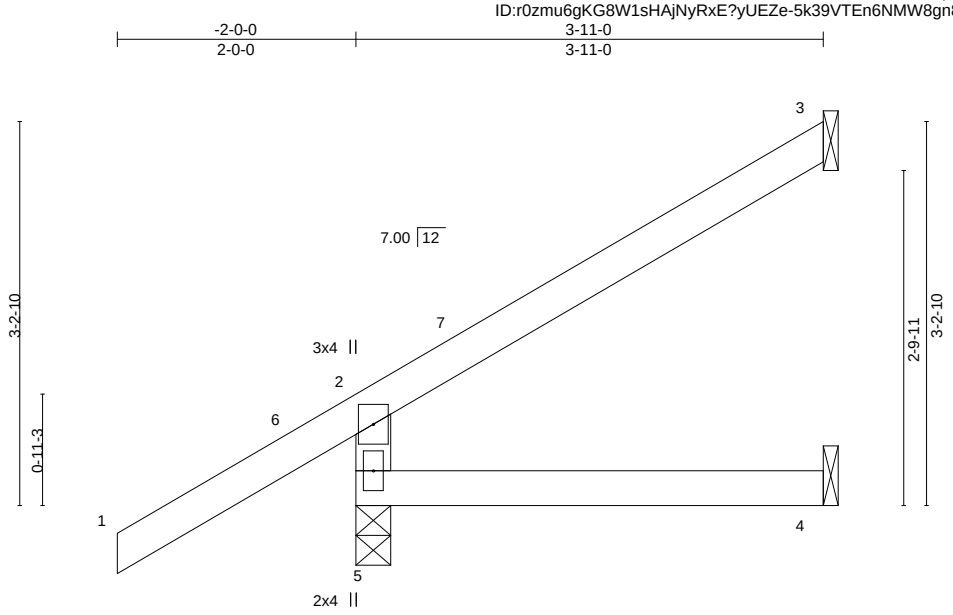

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TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	-0.02	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 17 lb	FT = 20%

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

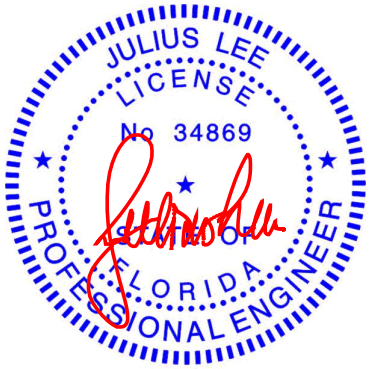
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 5=287/0-3-8, 3=74/Mechanical, 4=30/Mechanical
Max Horz 5=103(LC 12)
Max Uplift 5=-60(LC 12), 3=-60(LC 12)
Max Grav 5=287(LC 1), 3=81(LC 19), 4=67(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 3-10-4 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 60 lb uplift at joint 5 and 60 lb uplift at joint 3.

LOAD CASE(S) Standard



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Date:

March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	CJ04A	Jack-Open	1	1	T23263013
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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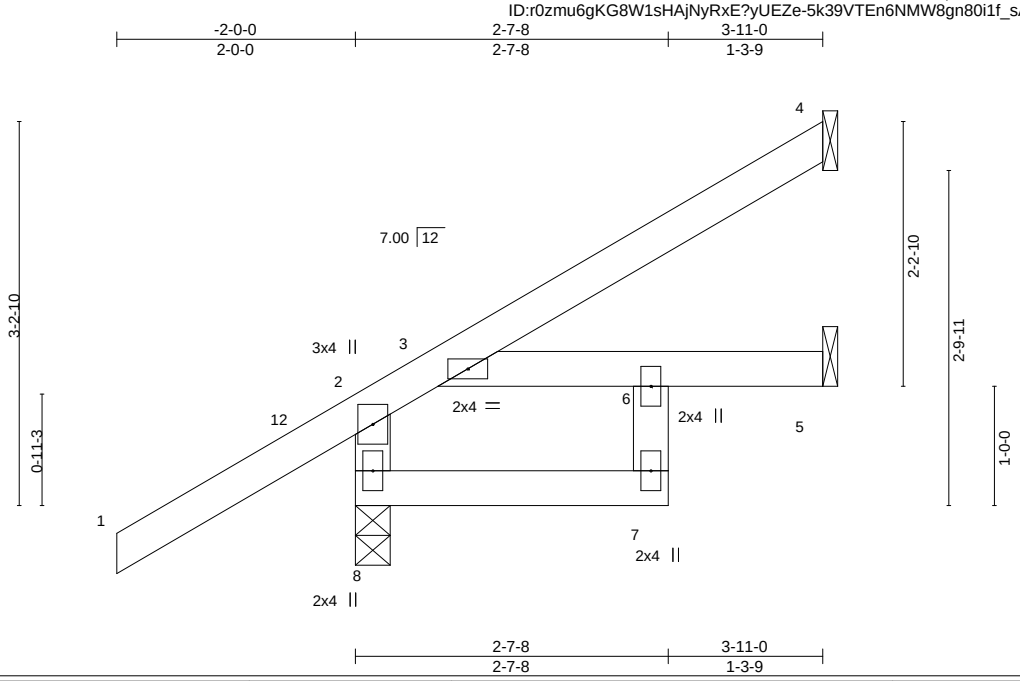

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TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.01	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	-0.01	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 21 lb	FT = 20%

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

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

REACTIONS. (lb/size) 8=308/0-3-8, 4=70/Mechanical, 5=48/Mechanical
Max Horz 8=103(LC 12)
Max Uplift 8=-53(LC 12), 4=-44(LC 12), 5=-11(LC 12)
Max Grav 8=308(LC 1), 4=73(LC 19), 5=90(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-268/166

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-2-5, Interior(1) 1-2-5 to 3-10-4 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 53 lb uplift at joint 8, 44 lb uplift at joint 4 and 11 lb uplift at joint 5.

LOAD CASE(S) Standard

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Date:

March 22,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	CJ05	Jack-Open	1	1	T23263014
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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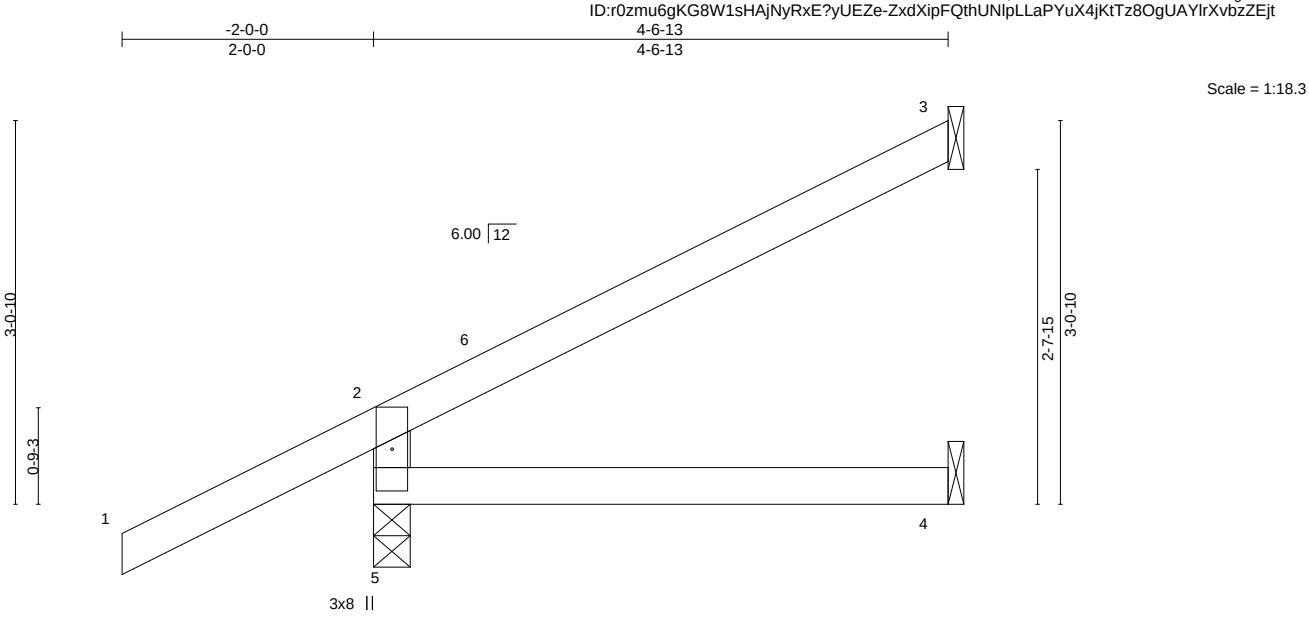

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TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.02	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	-0.03	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 18 lb	FT = 20%

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

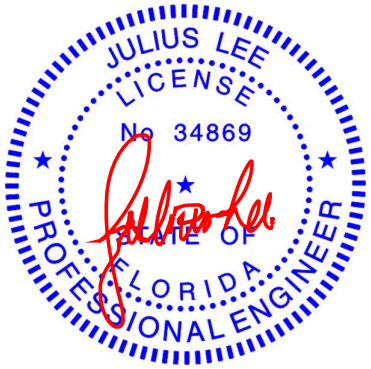
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 5=306/0-3-8, 3=93/Mechanical, 4=40/Mechanical
Max Horz 5=100(LC 12)
Max Uplift 5=-72(LC 12), 3=-63(LC 12)
Max Grav 5=306(LC 1), 3=93(LC 1), 4=79(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-258/221

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 4-6-1 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 72 lb uplift at joint 5 and 63 lb uplift at joint 3.

LOAD CASE(S) Standard



Julius Lee PE No.34869
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Date:

March 22,2021

MiTek
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	CJ05A	Jack-Open	1	1	T23263015
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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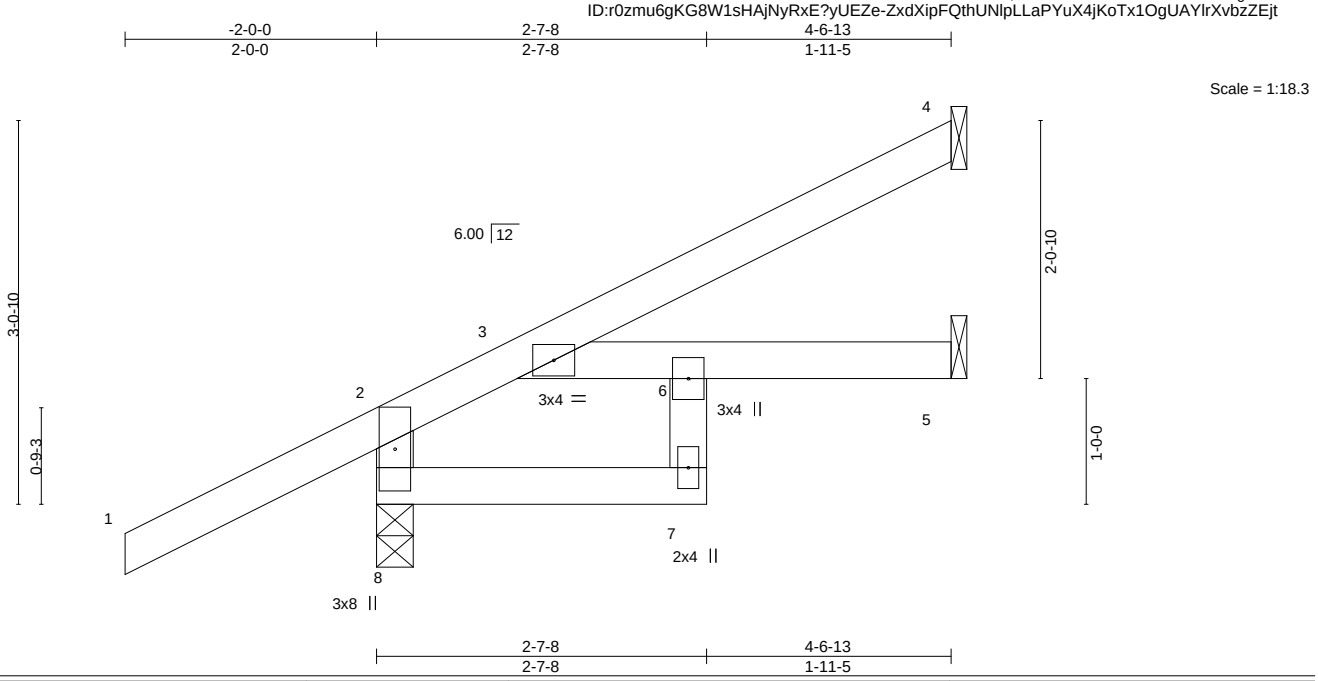


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	0.02	6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.26	Vert(CT)	-0.03	6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 22 lb	FT = 20%

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

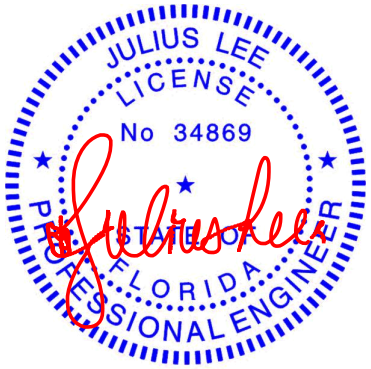
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=323/0-3-8, 4=83/Mechanical, 5=60/Mechanical
Max Horz 8=100(LC 12)
Max Uplift 8=-67(LC 12), 4=-46(LC 12), 5=-11(LC 12)
Max Grav 8=323(LC 1), 4=83(LC 1), 5=91(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-280/200

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-1-7, Interior(1) 1-1-7 to 4-6-1 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 67 lb uplift at joint 8, 46 lb uplift at joint 4 and 11 lb uplift at joint 5.

LOAD CASE(S) Standard



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March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	EJ01	Jack-Partial	13	1	T23263016
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:27 2021 Page 1
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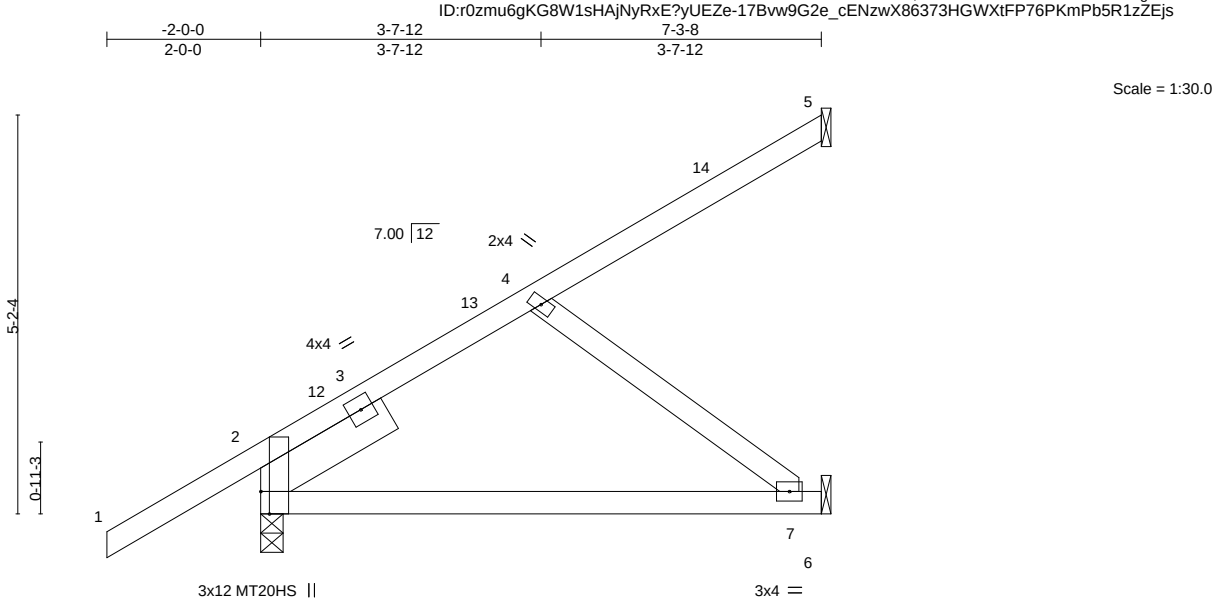


Plate Offsets (X,Y)-- [2:0-3-8,Edge]

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)	-0.08	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.15	7-10	>561	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.01	2	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 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 - 1-11-8

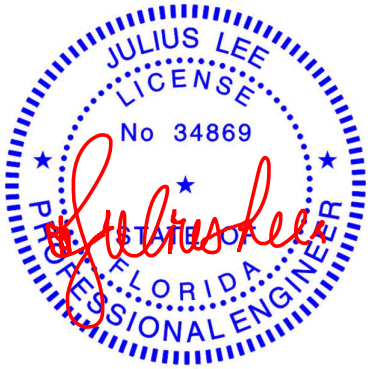
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 5=81/Mechanical, 2=390/0-3-8, 6=171/Mechanical
Max Horz 2=172(LC 12)
Max Uplift 5=-43(LC 12), 2=-69(LC 12), 6=-62(LC 12)
Max Grav 5=84(LC 19), 2=390(LC 1), 6=182(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-513/0, 3-12=-509/0

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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 7-2-12 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) All plates are MT20 plates unless otherwise indicated.
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 43 lb uplift at joint 5, 69 lb uplift at joint 2 and 62 lb uplift at joint 6.

LOAD CASE(S) Standard



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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	EJ01A	Jack-Partial	3	1	T23263017
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:27 2021 Page 1
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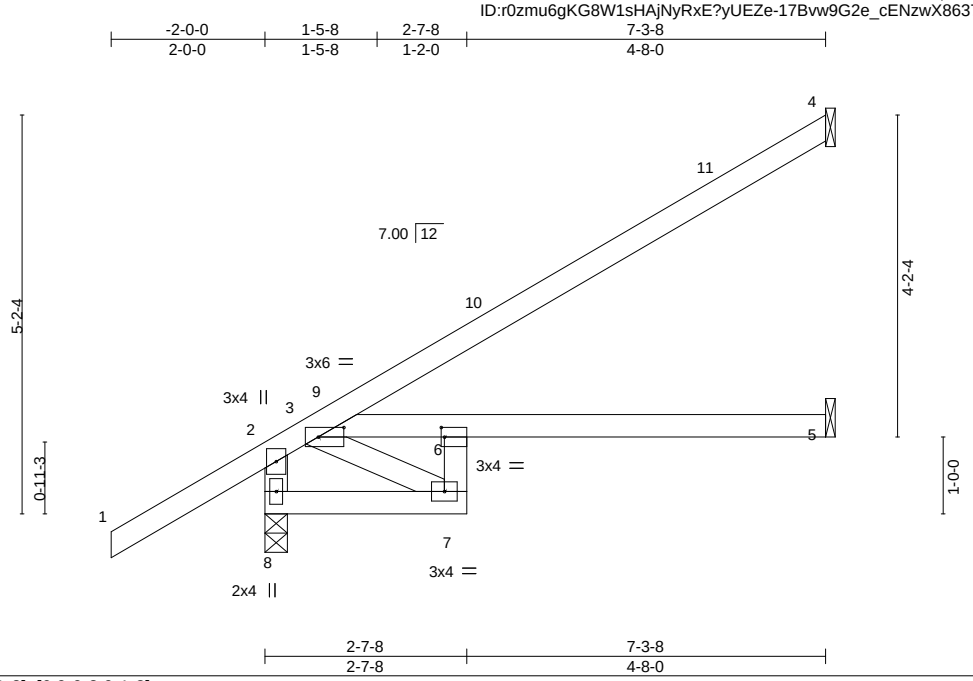


Plate Offsets (X,Y)-- [3:0-4-0,0-1-8], [6:0-0-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	0.14	5-6	>618	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.27	5-6	>320	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.09	5	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 *Except*
6-7: 2x4 SP No.3
WEBS 2x4 SP No.3

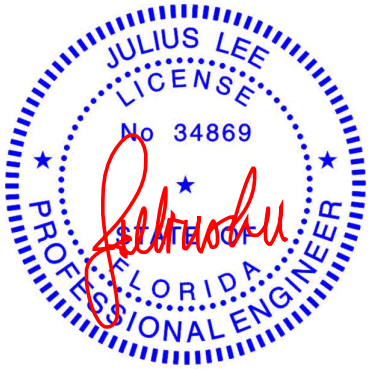
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 8=425/0-3-8, 4=159/Mechanical, 5=93/Mechanical
Max Horz 8=163(LC 12)
Max Uplift 8=-62(LC 12), 4=-90(LC 12), 5=-11(LC 12)
Max Grav 8=425(LC 1), 4=168(LC 19), 5=141(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-395/143

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 7-2-12 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 62 lb uplift at joint 8, 90 lb uplift at joint 4 and 11 lb uplift at joint 5.

LOAD CASE(S) Standard



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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	EJ02	Jack-Partial	5	1	T23263018
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:27 2021 Page 1
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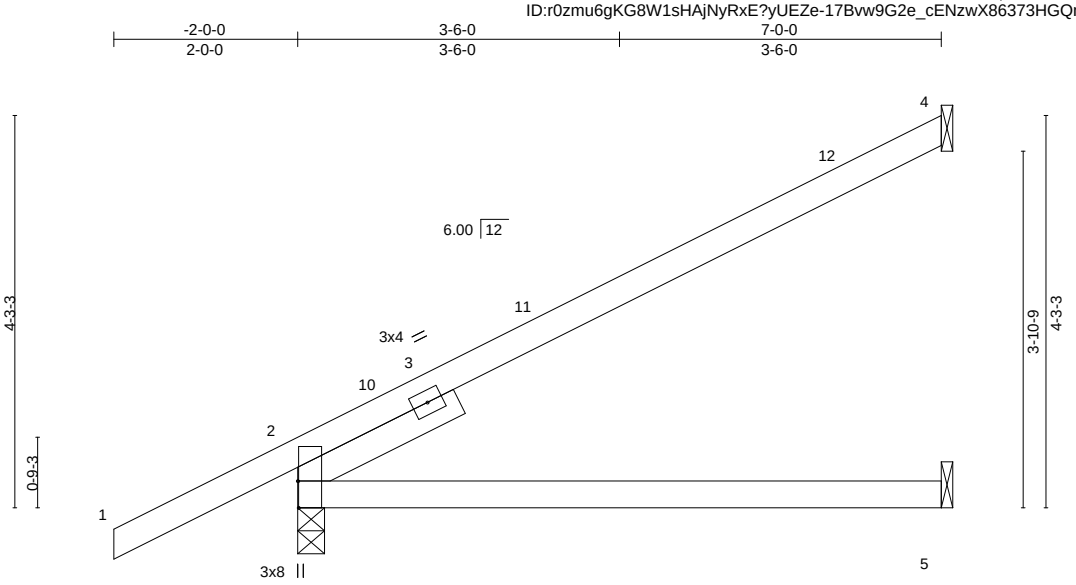


Plate Offsets (X,Y)-- [2:0-3-8,Edge]

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	0.61	Vert(LL)	0.11	5-8	>725	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.21	5-8	>402	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.05	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 28 lb	FT = 20%

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

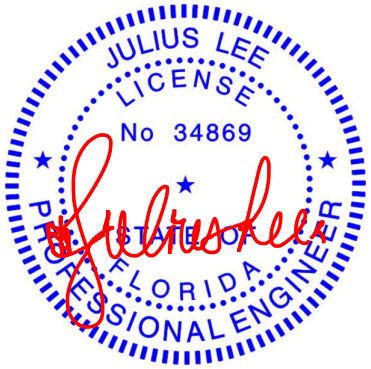
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=160/Mechanical, 2=380/0-3-8, 5=81/Mechanical
Max Horz 2=144(LC 12)
Max Uplift 4=-88(LC 12), 2=-82(LC 12), 5=-1(LC 12)
Max Grav 4=160(LC 1), 2=380(LC 1), 5=124(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-10=-384/131, 3-10=-382/159

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 6-11-4 zone; 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 88 lb uplift at joint 4, 82 lb uplift at joint 2 and 1 lb uplift at joint 5.

LOAD CASE(S) Standard



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March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	EJ03	Jack-Partial	2	1	T23263019
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:28 2021 Page 1
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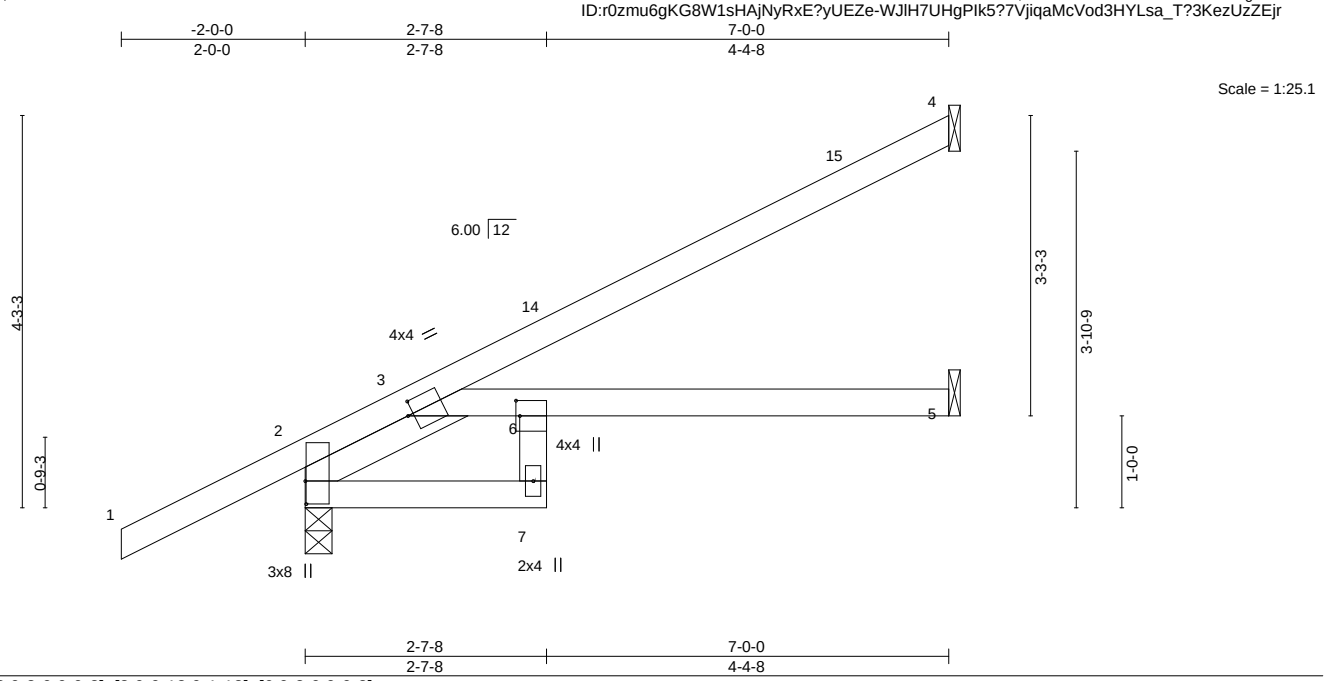


Plate Offsets (X,Y)-- [2:0-3-0,0-0-2], [3:0-0-12,0-1-12], [6:0-2-0,0-0-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	0.13	5-6	>638	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.22	5-6	>383	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.08	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 32 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-7: 2x4 SP No.3
SLIDER Left 2x4 SP No.3 -x 1-10-13

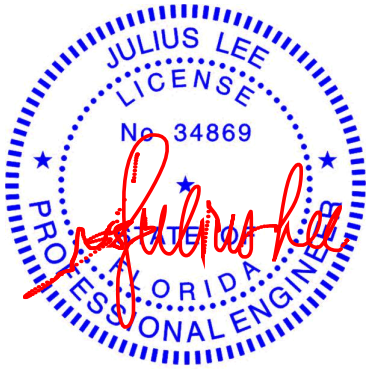
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=150/Mechanical, 2=400/0-3-8, 5=99/Mechanical
Max Horz 2=144(LC 12)
Max Uplift 4=-75(LC 12), 2=-76(LC 12), 5=-12(LC 12)
Max Grav 4=150(LC 1), 2=400(LC 1), 5=133(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-1-7, Interior(1) 1-1-7 to 6-11-4 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 75 lb uplift at joint 4, 76 lb uplift at joint 2 and 12 lb uplift at joint 5.

LOAD CASE(S) Standard



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Date:

March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	EJ04	Monopitch Girder	1	1	T23263020
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:28 2021 Page 1
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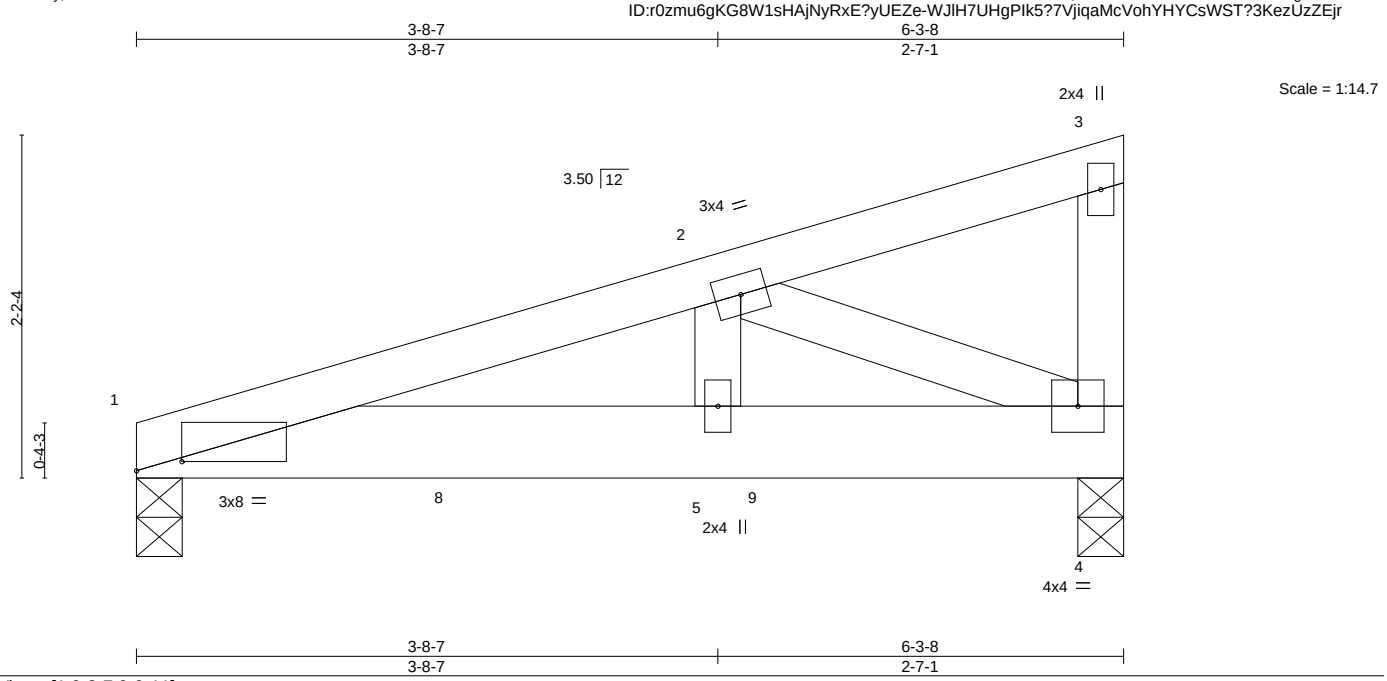


Plate Offsets (X,Y)-- [1:0-3-7,0-0-11]

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	0.22	Vert(LL)	-0.03	5-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.05	5-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.29	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 31 lb	FT = 20%

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

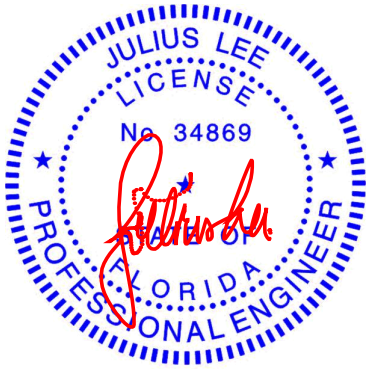
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=653/0-3-8, 4=650/0-3-8
Max Horz 1=62(LC 4)
Max Uplift 1=-180(LC 4), 4=-197(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1303/327
BOT CHORD 1-8=-352/1250, 5-8=-352/1250, 5-9=-352/1250, 4-9=-352/1250
WEBS 2-5=-163/717, 2-4=-1361/383

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 180 lb uplift at joint 1 and 197 lb uplift at joint 4.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 424 lb down and 107 lb up at 2-0-12, and 424 lb down and 107 lb up at 4-0-12 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, 1-4=-20
Concentrated Loads (lb)
Vert: 8=-424(B) 9=-424(B)



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	HJ09A	Diagonal Hip Girder	1	1	T23263021
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055 — 8.430 s Nov 30 2020 MiTek Industries, Inc. Mon Mar 22 08:25:30 2021 Page 1

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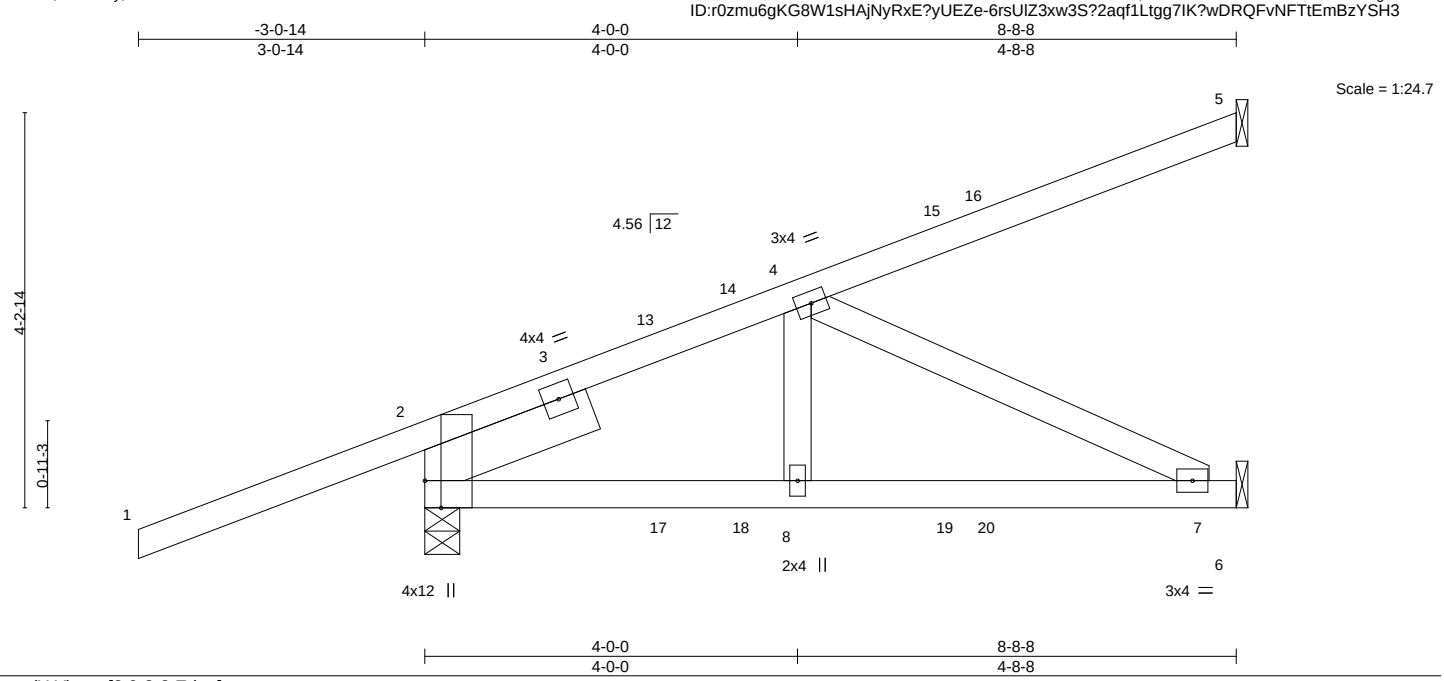

Plate Offsets (X,Y)-- [2:0-3-8,Edge]

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	0.26	Vert(LL)	-0.03	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	-0.06	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.16	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 46 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP M 31
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -< 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. (lb/size) 5=120/Mechanical, 2=511/0-4-8, 6=182/Mechanical
Max Horz 2=154(LC 4)
Max Uplift 5=-77(LC 8), 2=-191(LC 4), 6=-60(LC 8)
Max Grav 5=120(LC 1), 2=511(LC 1), 6=219(LC 3)

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

TOP CHORD	2-3=-230/383, 3-13=-342/73, 13-14=-322/78, 4-14=-311/80
BOT CHORD	2-17=-154/288, 17-18=-154/288, 8-18=-154/288, 8-19=-154/288, 19-20=-154/288, 7-20=-154/288
WEBS	4-7=-321/171

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; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 77 lb uplift at joint 5, 191 lb uplift at joint 2 and 60 lb uplift at joint 6.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2 lb down and 14 lb up at 2-7-0, 2 lb down and 18 lb up at 3-5-10, and 10 lb down and 71 lb up at 5-7-14, and 6 lb down and 65 lb up at 6-1-4 on top chord, and 10 lb up at 2-7-0, 10 lb up at 3-5-10, and 17 lb down at 5-7-14, and 14 lb down at 6-1-4 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: 1-5=-54, 6-9=-20
   Concentrated Loads (lb)
   Vert: 15=-10(B) 16=-3(F) 17=10(B) 18=10(F) 19=-9(B) 20=-4(F)

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6904 Parke East Blvd. Tampa FL 33610
Date: March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	HJ09B	Diagonal Hip Girder	1	1	T23263022
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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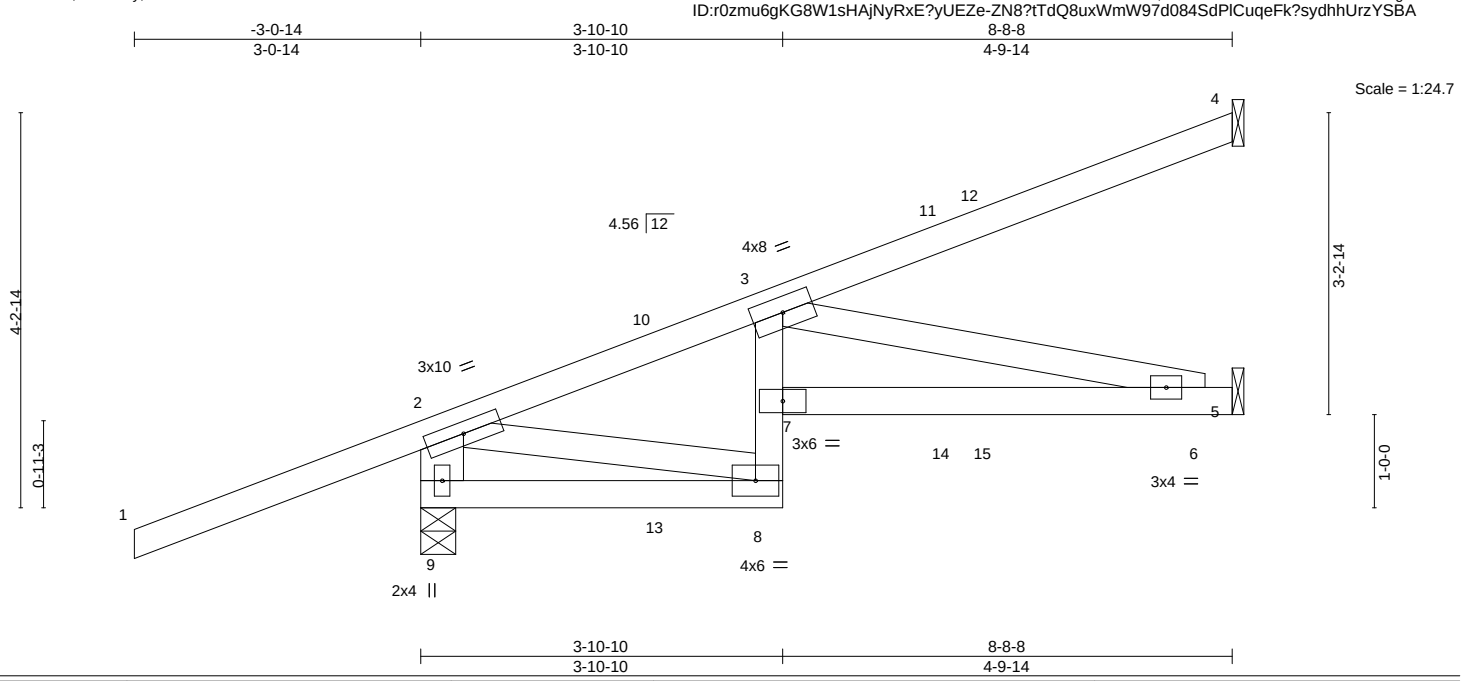


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.06	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.12	6-7	>820	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.30	Horz(CT)	0.04	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 47 lb	FT = 20%

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

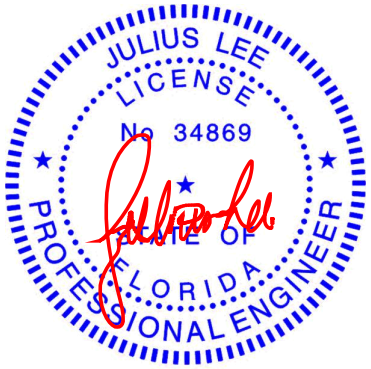
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 9=533/0-4-8, 4=116/Mechanical, 5=196/Mechanical
Max Horz 9=145(LC 4)
Max Uplift 9=-204(LC 4), 4=-68(LC 8), 5=-72(LC 8)
Max Grav 9=533(LC 1), 4=116(LC 1), 5=241(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-9=-510/220, 2-10=-324/61, 3-10=-278/71
BOT CHORD 7-14=-319/613, 14-15=-319/613, 6-15=-319/613
WEBS 2-8=-183/464, 3-6=-628/327

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; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 204 lb uplift at joint 9, 68 lb uplift at joint 4 and 72 lb uplift at joint 5.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2 lb down and 14 lb up at 2-7-0, 2 lb down and 18 lb up at 3-5-10, and 19 lb down and 53 lb up at 5-7-14, and 11 lb down and 49 lb up at 6-1-4 on top chord, and 10 lb up at 2-7-0, 10 lb up at 3-8-14, and 29 lb down and 26 lb up at 5-7-14, and 37 lb down and 25 lb up at 6-1-4 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, 2-4=-54, 8-9=-20, 5-7=-20
Concentrated Loads (lb)
Vert: 8=10(B) 11=-8(F) 12=-5(B) 13=10(F) 14=-29(F) 15=-22(B)



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March 22,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T01	Common	4	1	T23263023
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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-2-0-0	4-10-14	11-3-8	17-8-2	22-7-0	24-7-0
2-0-0	4-10-14	6-4-10	6-4-10	4-10-14	2-0-0

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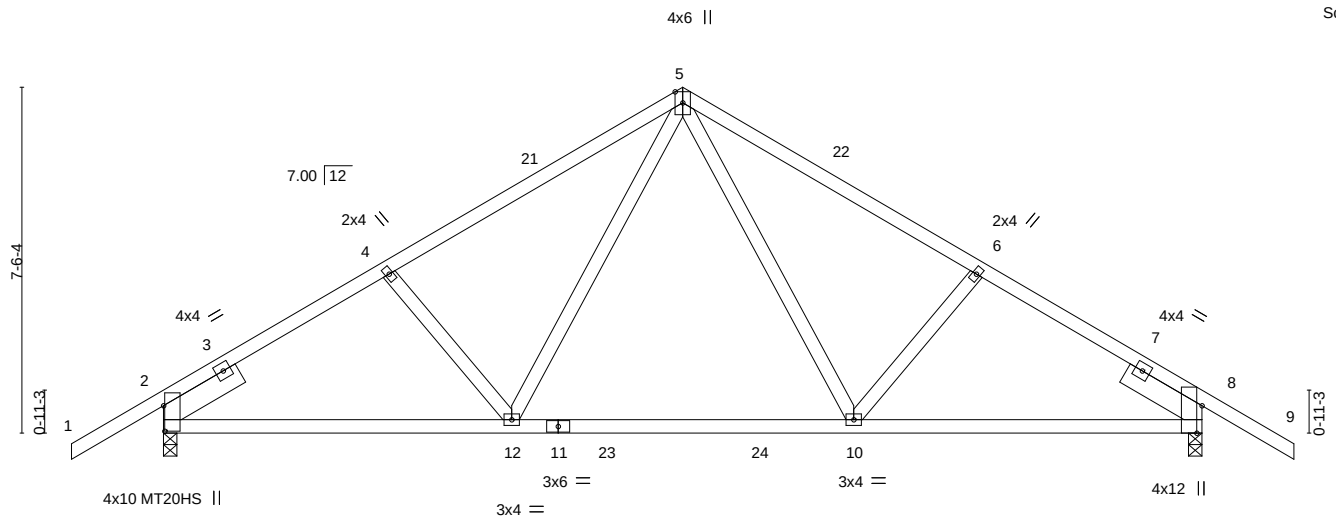


7-6-14	15-0-2	22-7-0
7-6-14	7-5-4	7-6-14

Plate Offsets (X,Y)-- [2:0-6-11,0-0-5], [8:0-7-3,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	0.43	Vert(LL)	-0.25	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.45	10-12	>607	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.25	Horz(CT)	0.07	8	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 125 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP M 31
BOT CHORD	2x4 SP M 31 *Except* 2-11: 2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -x 1-11-8, Right 2x6 SP No.2 -x 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-5-15 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=1167/0-3-8, 8=1167/0-3-8
Max Horz 2=171(LC 11)
Max Uplift 2=-271(LC 12), 8=-271(LC 13)
Max Grav 2=1278(LC 19), 8=1278(LC 20)

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

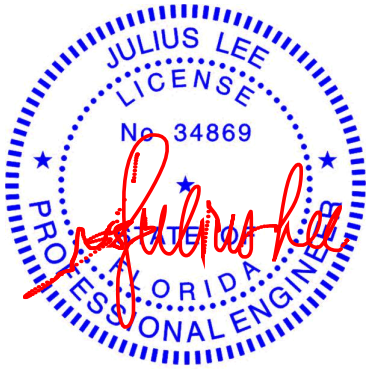
TOP CHORD	2-3=-222/332, 3-4=-1656/355, 4-21=-1542/344, 5-21=-1479/357, 5-22=-1490/359, 6-22=-1553/346, 6-7=-1667/357, 7-8=-202/283
BOT CHORD	2-12=-320/1461, 11-12=-138/1047, 11-23=-138/1047, 23-24=-138/1047, 10-24=-138/1047, 8-10=-208/1344
WEBS	5-10=-170/719, 5-12=-166/699

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 11-3-8, Exterior(2R) 11-3-8 to 14-3-8, Interior(1) 14-3-8 to 24-7-0 zone; end vertical 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) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 271 lb uplift at joint 2 and 271 lb uplift at joint 8.
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: 1-5=-54, 5-9=-54, 12-13=-20, 10-12=-80(F=-60), 10-17=-20



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March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T01G	Common Supported Gable	1	1	T23263024
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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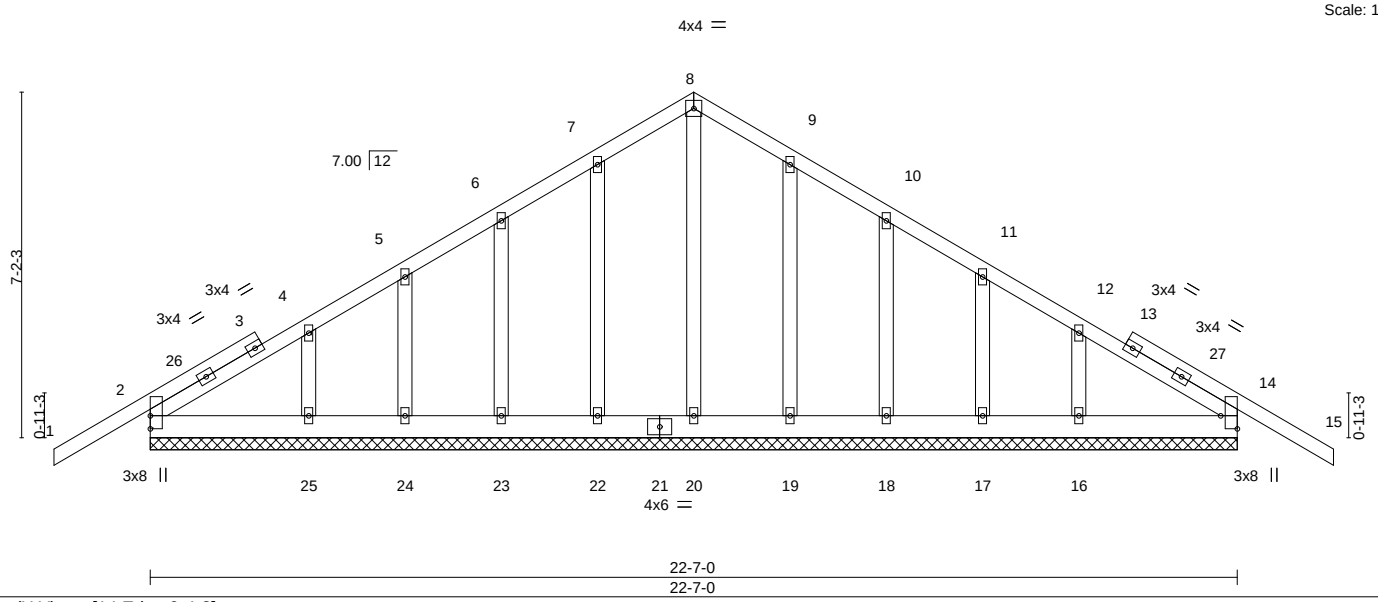
-2-0-0 2-0-0 | 11-3-8 11-3-8 | 22-7-0 11-3-8 | 24-7-0 2-0-0

Scale: 1/4"=1'



22-7-0
22-7-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	-0.02	15	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.02	15	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 158 lb	FT = 20%

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

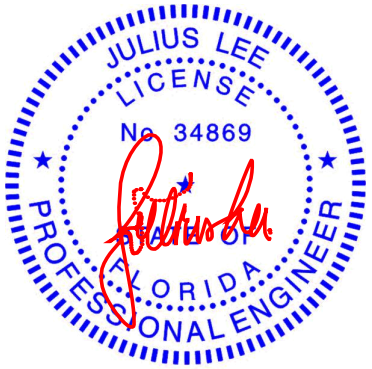
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 22-7-0.
(lb) - Max Horz 2=-163(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 14, 22, 23, 24, 25, 19, 18, 17, 16
Max Grav All reactions 250 lb or less at joint(s) 20, 22, 23, 24, 25, 19, 18, 17, 16 except 2=263(LC 1), 14=263(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Corner(3E) -2-0-0 to 1-0-0, Exterior(2N) 1-0-0 to 11-3-8, Corner(3R) 11-3-8 to 14-3-8, Exterior(2N) 14-3-8 to 24-7-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 14, 22, 23, 24, 25, 19, 18, 17, 16.

LOAD CASE(S) Standard



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Date:

March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T02	Common	6	1	T23263025
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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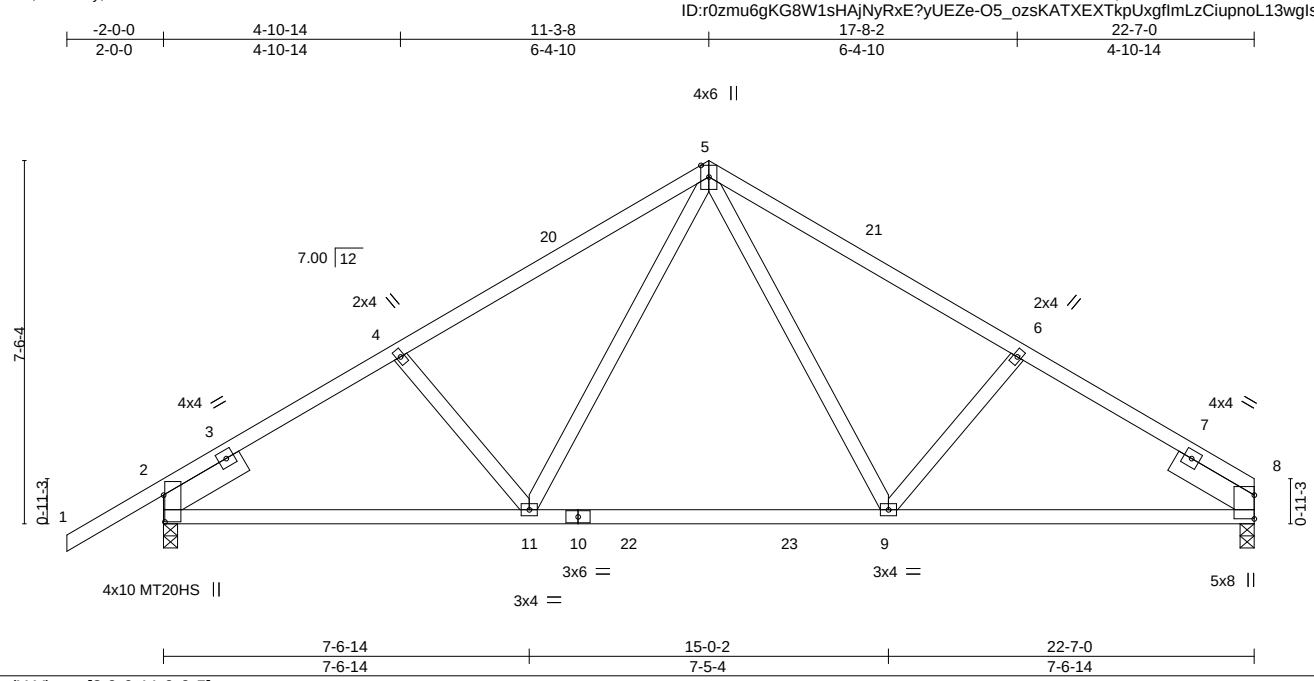


Plate Offsets (X,Y)-- [2:0-6-11,0-0-5]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.91	Vert(LL)	-0.25	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.46	9-11	>590	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.25	Horz(CT)	0.07	8	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 121 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP M 31 *Except*
	5-8: 2x4 SP No.2
BOT CHORD	2x4 SP M 31 *Except*
	2-10: 2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -x 1-11-8, Right 2x6 SP No.2 -x 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-7-4 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 9-11-5 oc bracing.

REACTIONS. (lb/size) 8=1054/0-3-8, 2=1171/0-3-8
Max Horz 2=162(LC 11)
Max Uplift 8=-227(LC 13), 2=-271(LC 12)
Max Grav 8=1174(LC 20), 2=1281(LC 19)

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

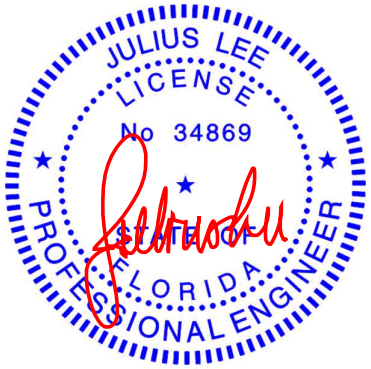
TOP CHORD	2-3=-222/335, 3-4=-1661/356, 4-20=-1548/345, 5-20=-1485/358, 5-21=-1509/367, 6-21=-1586/354, 6-7=-1689/366
BOT CHORD	2-11=-338/1453, 10-11=-155/1037, 10-22=-155/1037, 22-23=-155/1037, 9-23=-155/1037, 8-9=-253/1381
WEBS	5-9=-177/737, 5-11=-168/702

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 11-3-8, Exterior(2R) 11-3-8 to 14-3-8, Interior(1) 14-3-8 to 22-7-0 zone; end vertical 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) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=227, 2=271.
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: 1-5=-54, 5-8=-54, 11-16=-20, 9-11=-80(F=-60), 9-12=-20



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Date:

March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T03	Common	7	1	T23263026
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:32 2021 Page 1
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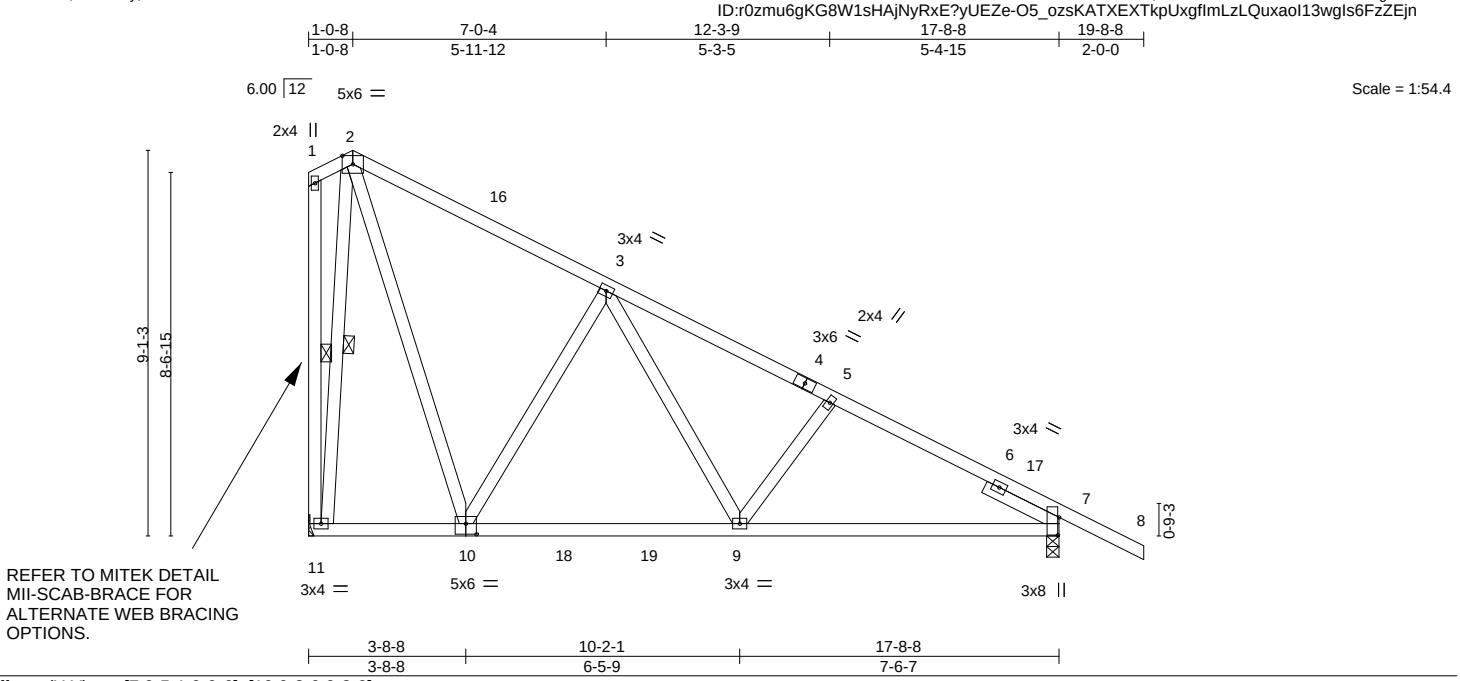


Plate Offsets (X,Y)-- [7:0-5-1,0-0-6], [10:0-3-0,0-3-0]

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	0.36	Vert(LL)	-0.07	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.12	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 125 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-9-11 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 1-11, 2-11

REACTIONS. (lb/size) 11=644/Mechanical, 7=764/0-3-8
Max Horz 11=-308(LC 13)
Max Uplift 11=-232(LC 13), 7=-149(LC 13)
Max Grav 11=707(LC 2), 7=798(LC 2)

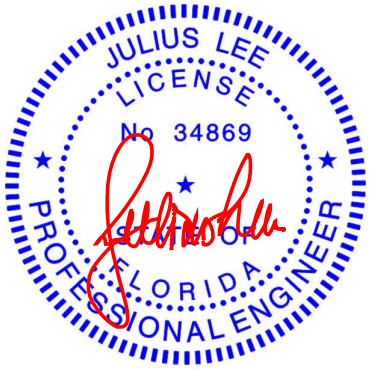
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-16=-303/73, 3-16=-369/61, 3-4=-770/136, 4-5=-865/118, 5-6=-965/139, 6-17=-378/0, 7-17=-385/0
BOT CHORD	10-11=-67/300, 10-18=0/536, 18-19=0/536, 9-19=0/536, 7-9=-36/829
WEBS	2-10=-195/683, 3-10=-508/256, 3-9=-96/443, 2-11=-700/317

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) 0-1-12 to 1-0-8, Exterior(2R) 1-0-8 to 4-0-8, Interior(1) 4-0-8 to 19-8-8 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, 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) 11=232, 7=149.

LOAD CASE(S) Standard



Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T03G	GABLE	1	1	T23263027
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:33 2021 Page 1
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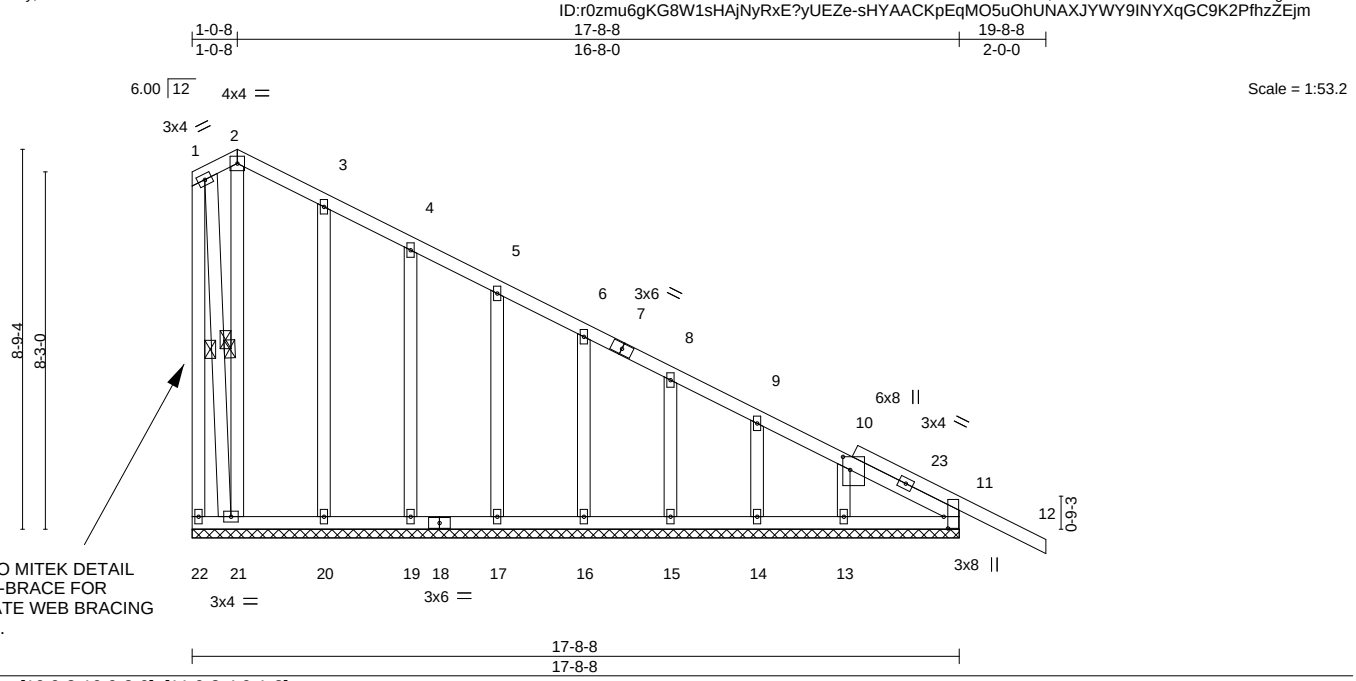

REFER TO MITEK DETAIL MII-SCAB-BRACE FOR ALTERNATE WEB BRACING OPTIONS.

Plate Offsets (X,Y)-- [10:0-3-10,0-2-0], [11:0-3-4,0-1-3]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	-0.02	12	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.03	12	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.01	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 143 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 21-22.
WEBS	1 Row at midpt 1-22, 2-21, 1-21

REACTIONS. All bearings 17-8-8.
(lb) - Max Horz 22=-299(LC 13)
Max Uplift All uplift 100 lb or less at joint(s) 22, 20, 19, 17, 16, 15, 14, 13
Max Grav All reactions 250 lb or less at joint(s) 22, 21, 20, 19, 17, 16, 15, 14, 13, 11

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 9-10=-275/89, 10-23=-336/121, 11-23=-344/108
BOT CHORD 21-22=-110/384, 20-21=-109/378, 19-20=-109/378, 18-19=-109/378, 17-18=-109/378, 16-17=-109/378, 15-16=-109/378, 14-15=-109/378, 13-14=-109/378, 11-13=-109/378

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) 0-1-12 to 1-0-8, Corner(3R) 1-0-8 to 4-0-8, Exterior(2N) 4-0-8 to 19-8-8 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) 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) 22, 20, 19, 17, 16, 15, 14, 13.

LOAD CASE(S) Standard

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Date:

March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T04	Roof Special	2	1	T23263028
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:33 2021 Page 1
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-2-0-0	4-4-10	8-7-0	12-7-1	16-8-0	21-8-7	26-1-0	29-6-12	33-4-0	35-4-0
2-0-0	4-4-10	4-2-6	4-0-0	4-0-15	5-0-7	4-4-10	3-5-12	3-9-4	2-0-0

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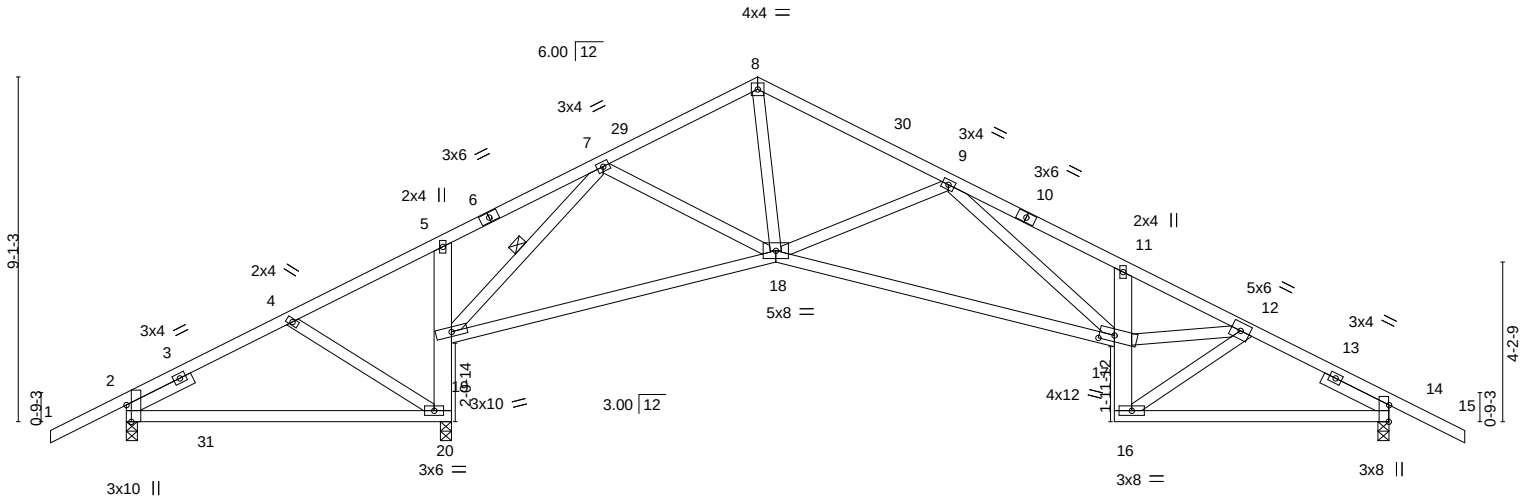


8-5-4	8-7-0	17-1-12	26-1-0	33-4-0
8-5-4	0-1-12	8-6-12	8-11-4	7-3-0

Plate Offsets (X,Y)-- [2:0-5-5,Edge], [14:0-5-5,Edge], [17:0-4-12,0-2-0]

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	0.38	Vert(LL)	0.18	20-23	>561	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.60	17-18	>499	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.12	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 193 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 5-20,11-16: 2x6 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -x 1-11-8, Right 2x4 SP No.3 -x 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-7-4 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 7-19

REACTIONS. (lb/size) 2=321/0-3-8, 14=1000/0-3-8, 20=1362/0-3-8
Max Horz 2=139(LC 12)
Max Uplift 2=-146(LC 8), 14=-272(LC 13), 20=-284(LC 12)
Max Grav 2=365(LC 23), 14=1000(LC 1), 20=1362(LC 1)

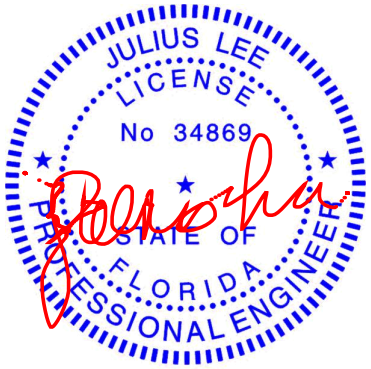
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-604/674, 3-4=-138/291, 4-5=-43/284, 5-6=0/293, 6-7=0/370, 7-29=-1173/285, 8-29=-1123/299, 8-30=-1219/301, 9-30=-1286/289, 9-10=-2383/627, 10-11=-2484/617, 11-12=-2261/527, 12-13=-1328/368, 13-14=-389/0
BOT CHORD	19-20=-1156/233, 18-19=-96/705, 17-18=-262/1717, 16-17=-120/695, 11-17=-312/151, 14-16=-242/1124
WEBS	7-19=-1405/191, 7-18=0/420, 8-18=-159/822, 9-18=-618/305, 9-17=-236/744, 12-17=-321/1854, 12-16=-1159/254

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-4-0, Interior(1) 1-4-0 to 16-8-0, Exterior(2R) 16-8-0 to 20-0-0, Interior(1) 20-0-0 to 35-4-0 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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=146, 14=272, 20=284.

LOAD CASE(S) Standard



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Date:

March 22,2021

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T05	Roof Special	4	1	T23263029
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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2-0-0	4-4-10	4-2-6	4-10-7	5-10-9	3-5-11	3-3-5	6-3-14	6-3-2

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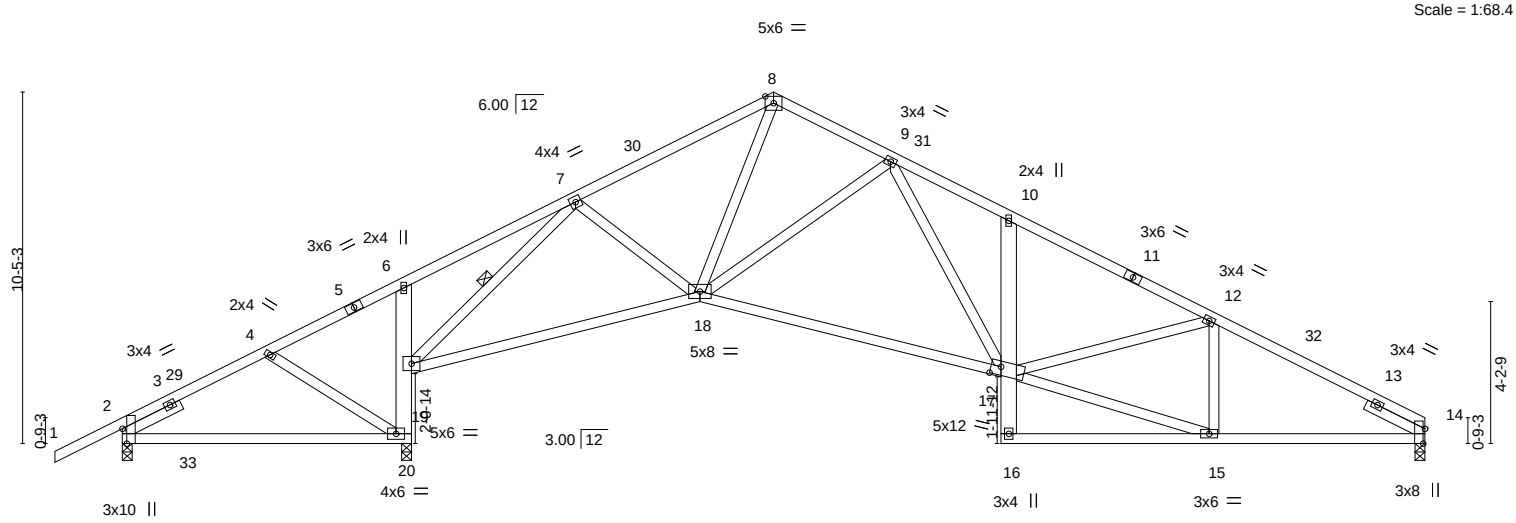


8-5-4	8-7-0	17-1-12	26-1-0	32-4-14	38-8-0
8-5-4	0-1-12	8-6-12	8-11-4	6-3-14	6-3-2

Plate Offsets (X,Y)-- [2:0-5-5,Edge], [14:0-5-4,Edge], [17:0-3-8,0-3-0]

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	0.59	Vert(LL)	0.18	20-23	>560	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.59	17-18	>618	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	Horz(CT)	0.11	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 233 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 6-20,10-16: 2x6 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -x 1-11-8, Right 2x4 SP No.3 -x 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-4-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-20 5-11-14 oc bracing: 19-20.
WEBS	1 Row at midpt 7-19

REACTIONS. (lb/size) 2=344/0-3-8, 14=1098/0-3-8, 20=1528/0-3-8
Max Horz 2=173(LC 16)
Max Uplift 2=-147(LC 8), 14=-267(LC 13), 20=-343(LC 12)
Max Grav 2=374(LC 23), 14=1098(LC 1), 20=1528(LC 1)

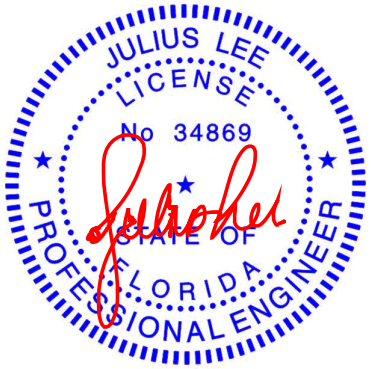
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-600/673, 3-29=-155/254, 4-29=-154/265, 6-7=-11/312, 7-30=-1575/386, 8-30=-1499/401, 8-9=-1156/337, 9-31=-1916/550, 10-31=-1994/538, 10-11=-1935/474, 11-12=-2001/460, 12-32=-1683/444, 13-32=-1784/434, 13-14=-416/26
BOT CHORD	19-20=-1324/290, 18-19=-217/1134, 17-18=-203/1509, 10-17=-294/165, 14-15=-328/1535
WEBS	7-19=-1810/299, 7-18=0/385, 8-18=-223/979, 9-18=-588/277, 9-17=-244/633, 15-17=-333/1560, 12-15=-405/145

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-10-6, Interior(1) 1-10-6 to 19-4-0, Exterior(2R) 19-4-0 to 23-2-6, Interior(1) 23-2-6 to 38-8-0 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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=147, 14=267, 20=343.

LOAD CASE(S) Standard



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Date:

March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T05G	GABLE	1	1	T23263030
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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2-0-0	4-4-10	4-2-6	4-10-7	5-10-9	3-5-11	3-3-5	6-3-14	6-3-2

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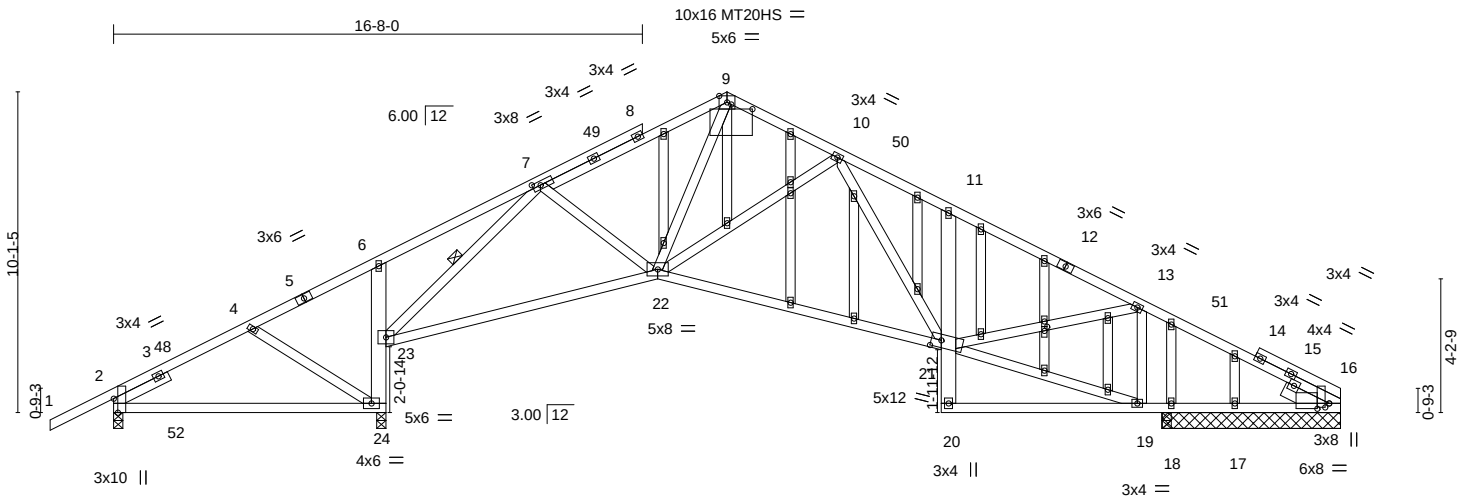


8-5-4	8-7-0	17-1-12	26-1-0	32-4-14	33-2-4	38-8-0
8-5-4	0-1-12	8-6-12	8-11-4	6-3-14	0-9-6	5-5-12

Plate Offsets (X,Y)-- [2:0-5-5,Edge], [7:0-3-0,0-1-8], [9:0-8-0,0-1-12], [16:0-4-8,0-2-0], [16:0-1-8,0-1-8], [21:0-3-12,0-2-12], [39:0-1-9,0-1-0]

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	0.79	Vert(LL)	0.18	24-46	>566	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.52	21-22	>571	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.08	16	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 291 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 6-24,11-20: 2x6 SP No.2, 16-20: 2x4 SP M 31
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -x 1-11-8, Right 2x6 SP No.2 -x 1-5-14

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-8-10 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 23-24.
WEBS	1 Row at midpt 7-23

REACTIONS. All bearings 5-7-8 except (jt=length) 2=0-3-8, 24=0-3-8.
(lb) - Max Horz 2=164(LC 16)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-150(LC 8), 16=-133(LC 13), 24=-315(LC 12), 18=-204(LC 13), 17=-267(LC 1)
Max Grav All reactions 250 lb or less at joint(s) 17 except 2=388(LC 23), 16=429(LC 24), 24=1322(LC 1), 18=1068(LC 1), 18=1068(LC 1)

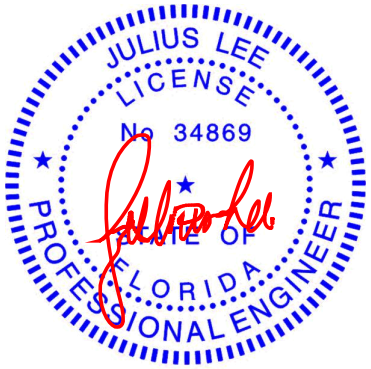
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-594/673, 3-48=-183/274, 4-48=-181/284, 6-7=-30/260, 7-49=-1281/323, 8-49=-1212/327, 8-9=-1211/336, 9-10=-987/295, 10-50=-1292/421, 11-50=-1370/409, 11-12=-1313/349, 12-13=-1386/335, 13-51=-430/195, 14-51=-477/185, 14-15=-514/175, 15-16=-541/190
BOT CHORD	23-24=-1119/263, 22-23=-162/959, 21-22=-126/1138, 11-21=-279/163, 18-19=-101/427, 17-18=-101/427, 16-17=-101/427
WEBS	7-23=-1454/248, 7-22=0/310, 9-22=-164/714, 10-22=-349/223, 10-21=-159/265, 19-21=-95/406, 13-21=-93/778, 13-19=-840/227

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-10-6, Interior(1) 1-10-6 to 19-4-0, Exterior(2R) 19-4-0 to 23-2-6, Interior(1) 23-2-6 to 37-11-11 zone; porch 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 MT20 plates unless otherwise indicated.
6) All plates are 2x4 MT20 unless otherwise indicated.
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 150 lb uplift at joint 2, 133 lb uplift at joint 16, 315 lb uplift at joint 24, 204 lb uplift at joint 18 and 267 lb uplift at joint 17.

Continued on page 2



Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

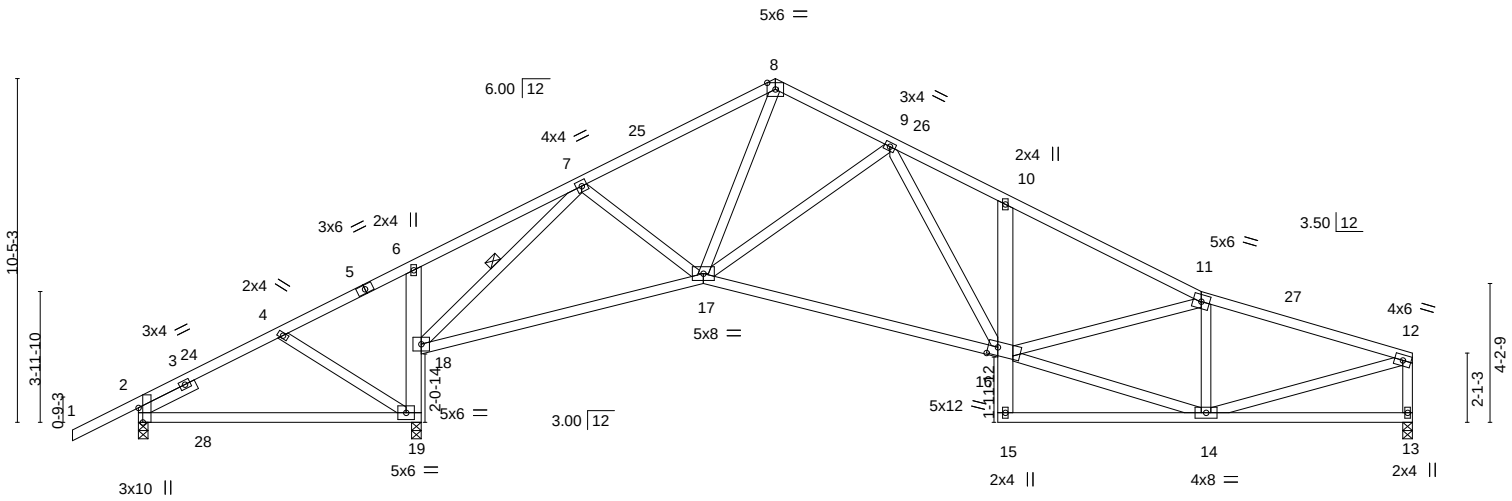
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T06	Roof Special	2	1	T23263031
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:36 2021 Page 1
ID:r0zmu6gKG8W1sHAjNyRxE?yUEZe-HsEJpENhXlkzyM6GAVjEwB8_1VCPk2hfrIG3F0zZEjj

-2-0-0	4-4-10	8-7-0	13-5-7	19-4-0	22-9-11	26-1-0	32-3-2	38-8-0
2-0-0	4-4-10	4-2-6	4-10-7	5-10-9	3-5-11	3-3-5	6-2-2	6-4-14

Scale = 1:69.9



8-5-4	8-7-0	17-1-12	26-1-0	32-3-2	38-8-0
8-5-4	0-1-12	8-6-12	8-11-4	6-2-2	6-4-14

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

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	0.57	Vert(LL)	0.20	19-22	>501	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.57	16-17	>631	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	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 *Except* 6-19,10-15: 2x6 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -x 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-7-2 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 9-9-2 oc bracing: 2-19 6-0-0 oc bracing: 18-19.
WEBS	1 Row at midpt 7-18

REACTIONS. (lb/size) 2=351/0-3-8, 13=1094/0-3-8, 19=1514/0-3-8
Max Horz 2=200(LC 12)
Max Uplift 2=-133(LC 8), 13=-260(LC 13), 19=-358(LC 12)
Max Grav 2=378(LC 23), 13=1094(LC 1), 19=1514(LC 1)

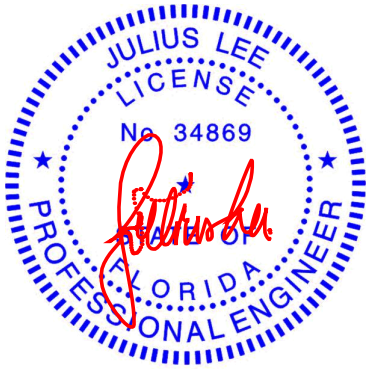
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-599/750, 4-24=-163/258, 6-7=-34/283, 7-25=-1574/506, 8-25=-1498/521, 8-9=-1155/425, 9-26=-1897/671, 10-26=-1975/659, 10-11=-1978/594, 11-27=-1550/451, 12-27=-1608/443, 12-13=-1035/317
BOT CHORD	2-28=-265/146, 19-28=-265/146, 18-19=-1310/303, 17-18=-320/1140, 16-17=-327/1501, 10-16=-288/171
WEBS	7-18=-1787/350, 7-17=0/378, 8-17=-302/978, 9-17=-580/267, 9-16=-232/617, 14-16=-407/1559, 11-14=-785/283, 12-14=-382/1480

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-10-6, Interior(1) 1-10-6 to 19-4-0, Exterior(2R) 19-4-0 to 23-2-6, Interior(1) 23-2-6 to 38-6-4 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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 133 lb uplift at joint 2, 260 lb uplift at joint 13 and 358 lb uplift at joint 19.

LOAD CASE(S) Standard



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Date:

March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T07	Roof Special	2	1	T23263032
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:37 2021 Page 1
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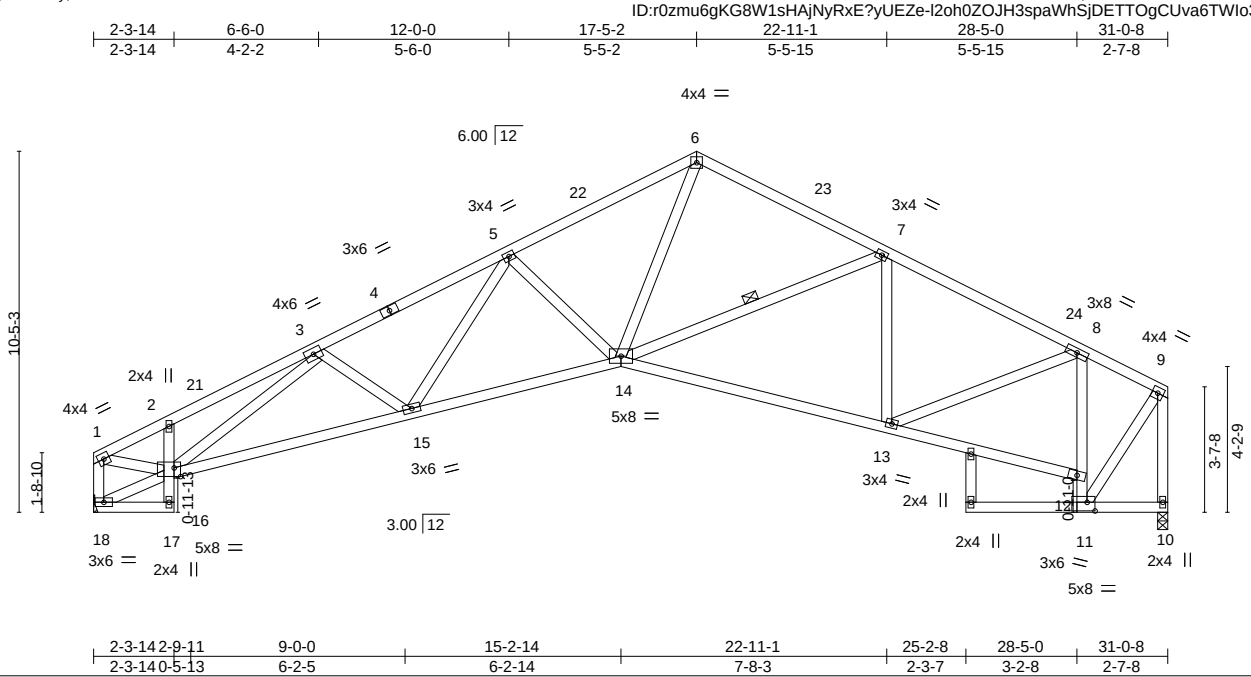


Plate Offsets (X,Y)-- [11:0-2-12,0-3-0], [16:0-2-4,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	-0.15	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.35	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.29	10	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 197 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
2-17,11-19: 2x4 SP No.3
WEBS 2x4 SP No.3

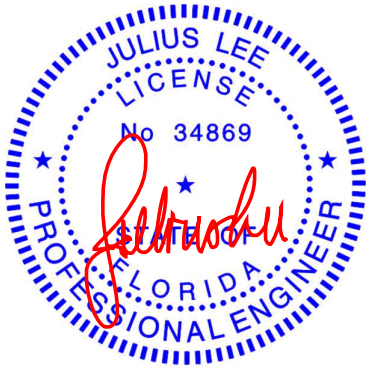
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
5-4-0 oc bracing: 11-12
WEBS 1 Row at midpt 7-14

REACTIONS. (lb/size) 10=1138/0-3-8, 18=1138/Mechanical
Max Horz 18=166(LC 12)
Max Uplift 10=-217(LC 13), 18=-237(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1605/446, 2-21=-1706/514, 3-21=-1659/526, 3-4=-2517/623, 4-5=-2453/636, 5-22=-2090/502, 6-22=-2019/513, 6-23=-1481/402, 7-23=-1554/391, 7-24=-1538/353, 8-24=-1602/334, 8-9=-675/152, 1-18=-1102/310, 9-10=-1189/256
BOT CHORD 15-16=-706/2286, 14-15=-553/2175, 13-14=-243/1434, 12-13=-148/722, 11-12=-733/163, 8-12=-879/214
WEBS 3-16=-948/162, 5-15=-77/275, 5-14=-445/241, 6-14=-331/1385, 7-13=-277/115, 8-13=-118/749, 1-16=-391/1437, 9-11=-207/1009

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-1-12 to 3-3-0, Interior(1) 3-3-0 to 17-5-2, Exterior(2R) 17-5-2 to 20-6-6, Interior(1) 20-6-6 to 30-10-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 217 lb uplift at joint 10 and 237 lb uplift at joint 18.

LOAD CASE(S) Standard



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6904 Parke East Blvd. Tampa FL 33610
Date:

March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T07G	Hip	1	1	T23263033
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:37 2021 Page 1
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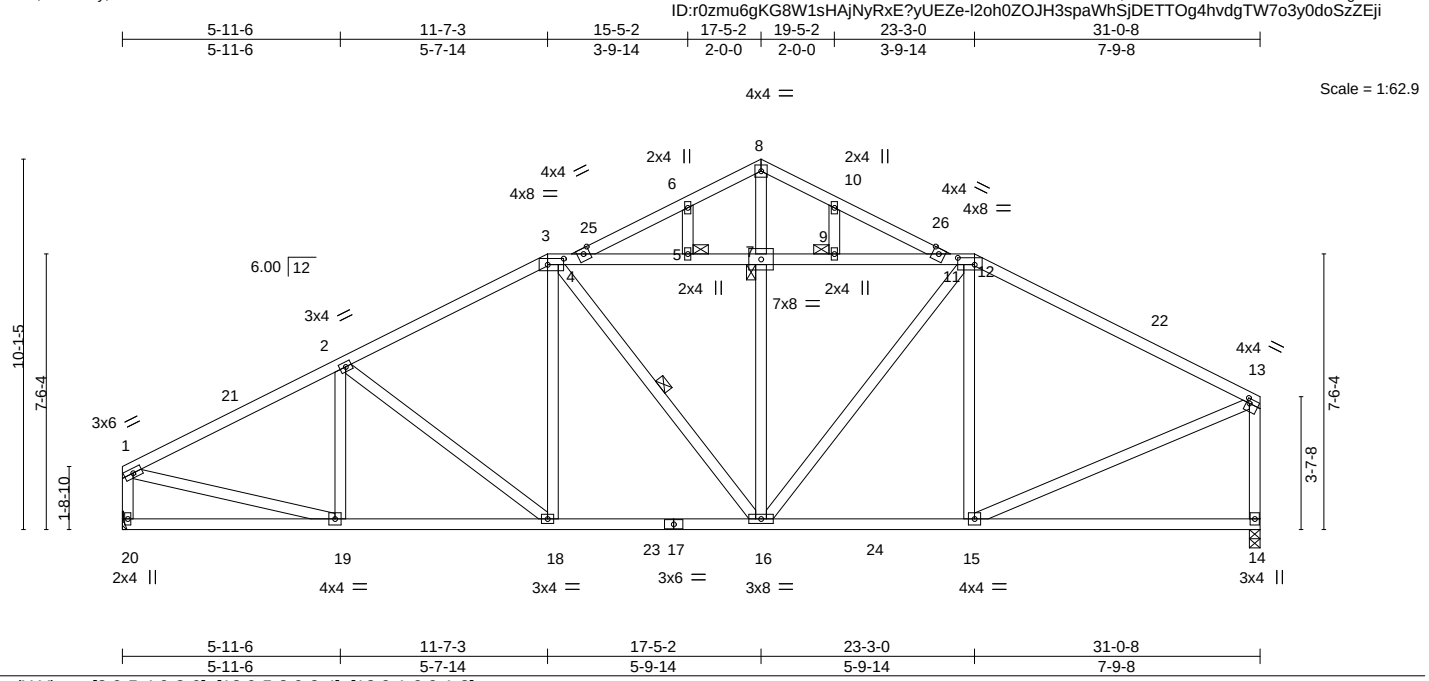

Plate Offsets (X,Y)-- [3:0-5-4,0-2-0], [12:0-5-8,0-2-4], [13:0-1-0,0-1-8]

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	0.83	Vert(LL)	-0.11	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.22	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.04	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 221 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 4-8,8-11: 2x4 SP No.3
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 9-2-0 oc bracing.
WEBS	1 Row at midpt 3-16
JOINTS	1 Brace at Jt(s): 7, 5, 9

REACTIONS. (lb/size) 20=1138/Mechanical, 14=1138/0-3-8
Max Horz 20=161(LC 12)
Max Uplift 20=-261(LC 12), 14=-247(LC 13)
Max Grav 20=1249(LC 2), 14=1259(LC 2)

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

TOP CHORD	1-21=-1618/335, 2-21=-1557/347, 2-3=-1499/358, 3-4=-1250/346, 4-5=-924/296, 5-7=-924/296, 7-9=-924/296, 9-11=-924/296, 11-12=-1250/345, 12-22=-1190/289, 13-22=-1263/271, 1-20=-1153/274, 13-14=-1135/279, 4-25=-389/96, 6-25=-364/104, 6-8=-365/132, 8-10=-367/132, 10-26=-364/95, 11-26=-390/87
BOT CHORD	18-19=-416/1414, 18-23=-319/1300, 17-23=-319/1300, 16-17=-319/1300, 16-24=-185/1060, 15-24=-185/1060
WEBS	3-18=-40/342, 12-16=-144/352, 1-19=-238/1358, 13-15=-189/1098

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-1-12 to 3-3-0, Interior(1) 3-3-0 to 17-5-2, Exterior(2R) 11-7-3 to 15-11-14, Interior(1) 15-11-14 to 23-3-0, Exterior(2R) 17-5-2 to 21-9-13, Interior(1) 21-9-13 to 30-10-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 261 lb uplift at joint 20 and 247 lb uplift at joint 14.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T08	Roof Special	3	1	T23263034
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:38 2021 Page 1
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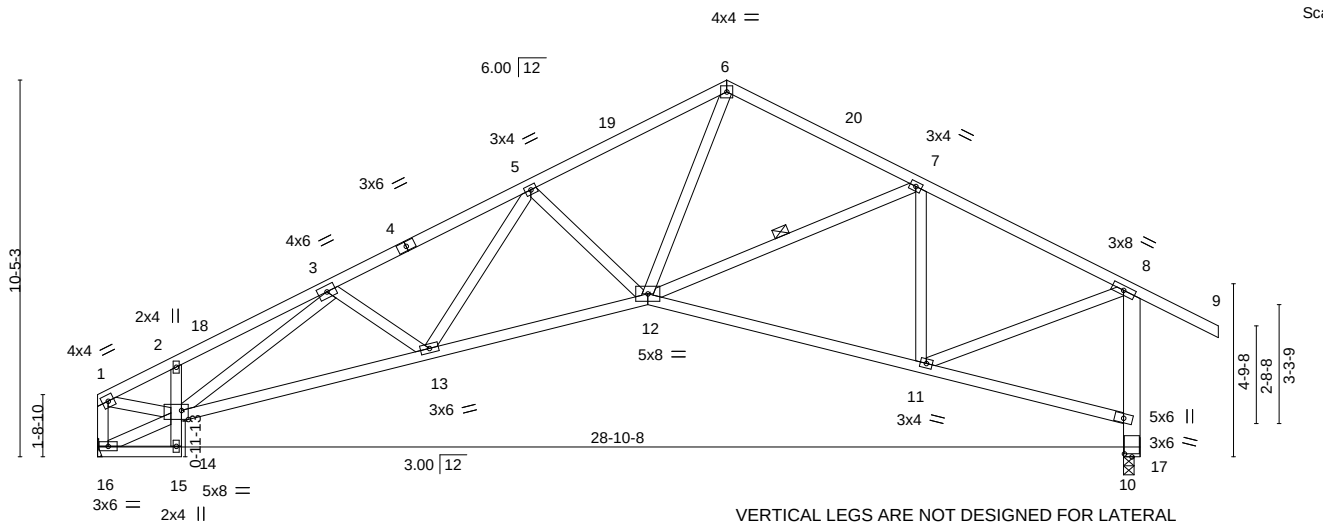
2-3-14	6-6-0	12-0-0	17-5-2	22-9-11	28-8-8	31-0-8
2-3-14	4-2-2	5-6-0	5-5-2	5-4-9	5-10-13	2-4-0

Scale: 3/16"=1'



VERTICAL LEGS ARE NOT DESIGNED FOR LATERAL LOADS IMPOSED BY SUPPORTS (BEARINGS).

2-3-14	9-0-0	15-2-14	22-9-11	28-8-8
2-3-14	6-8-2	6-2-14	7-6-13	5-10-13

Plate Offsets (X,Y)-- [14:0-2-4,0-3-0], [17:0-1-0,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.34	Vert(LL)	-0.13	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.28	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.19	17	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 181 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 2-15: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 8-17: 2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-8-6 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 7-12

REACTIONS. (lb/size) 16=1049/Mechanical, 17=1189/0-3-8
Max Horz 16=170(LC 12)
Max Uplift 16=-222(LC 12), 17=-240(LC 13)

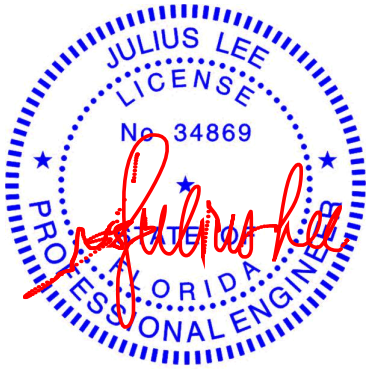
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-1475/427, 2-18=-1572/494, 3-18=-1525/507, 3-4=-2247/581, 4-5=-2183/594, 5-19=-1780/455, 6-19=-1708/466, 6-20=-1267/369, 7-20=-1338/351, 7-8=-1169/262, 1-16=-1015/297, 10-17=-1189/314, 8-10=-1145/323
BOT CHORD	13-14=-677/2066, 12-13=-517/1906, 11-12=-172/1028
WEBS	3-14=-824/138, 5-13=-83/303, 5-12=-459/245, 6-12=-294/1138, 7-11=-454/146, 1-14=-374/1320, 8-11=-168/1039

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 17-5-2, Exterior(2R) 17-5-2 to 20-5-2, Interior(1) 20-5-2 to 31-0-8 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) Refer to girder(s) for truss to truss connections.
7) Bearing at joint(s) 17 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 222 lb uplift at joint 16 and 240 lb uplift at joint 17.

LOAD CASE(S) Standard



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Date:

March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T09	Roof Special	1	1	T23263035
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:39 2021 Page 1
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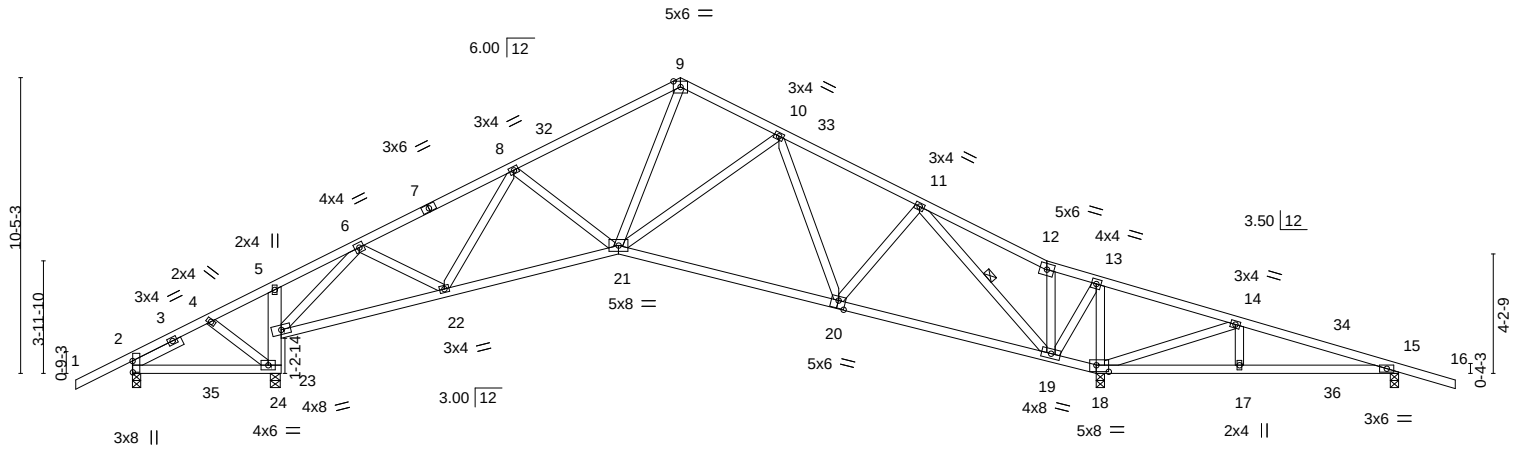
-2-0-0	2-9-4	5-2-15	8-0-0	13-5-7	19-4-0	22-9-11	27-9-3	32-3-2	34-0-0	39-0-10	44-8-0	46-8-0
2-0-0	2-9-4	2-5-12	2-9-1	5-5-7	5-10-9	3-5-11	4-11-8	4-5-15	1-8-14	5-0-10	5-7-6	2-0-0

Scale = 1:81.3



5-0-8	5-2-15	11-0-0	17-1-12	24-11-0	32-3-2	34-0-0	39-0-10	44-8-0
5-0-8	0-2-8	5-9-1	6-1-12	7-9-4	7-4-2	1-8-14	5-0-10	5-7-6

Plate Offsets (X,Y)-- [2:0-4-13,0-0-2], [18:0-5-4,0-2-12], [20:0-3-0,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.44	Vert(LL)	-0.12	20-21	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.26	20-21	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.10	18	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 253 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 5-24: 2x6 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -x 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-7-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 5-11-8 oc bracing.
WEBS	1 Row at midpt 11-19

REACTIONS. All bearings 0-3-8 except (jt=length) 24=0-4-3.
(lb) - Max Horz 2=161(LC 16)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-140(LC 8), 18=-387(LC 13), 15=-246(LC 9), 24=-340(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2 except 18=1781(LC 1), 15=296(LC 24), 24=1358(LC 1)

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

TOP CHORD	3-4=-98/295, 4-5=-131/395, 5-6=-123/550, 6-7=-1341/349, 7-8=-1222/361, 8-32=-1424/324, 9-32=-1344/344, 9-10=-1048/302, 10-33=-971/262, 11-33=-1066/253, 11-12=-191/388, 12-13=-215/316, 13-14=-370/908, 14-34=-61/346, 15-34=-71/336
BOT CHORD	23-24=-1237/302, 22-23=-190/742, 21-22=-240/1360, 20-21=-57/1005, 19-20=-36/717, 18-19=-924/490, 17-18=-285/89, 17-36=-285/89, 15-36=-285/89
WEBS	6-23=-1727/396, 6-22=-15/514, 8-22=-329/70, 9-21=-170/875, 11-20=-27/359, 11-19=-1503/441, 13-19=-238/1118, 13-18=-1297/327, 14-18=-725/770, 14-17=-292/241

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 2-7-11, Interior(1) 2-7-11 to 19-4-0, Exterior(2R) 19-4-0 to 23-9-9, Interior(1) 23-9-9 to 46-8-0 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 140 lb uplift at joint 2, 387 lb uplift at joint 18, 246 lb uplift at joint 15 and 340 lb uplift at joint 24.

LOAD CASE(S) Standard

Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

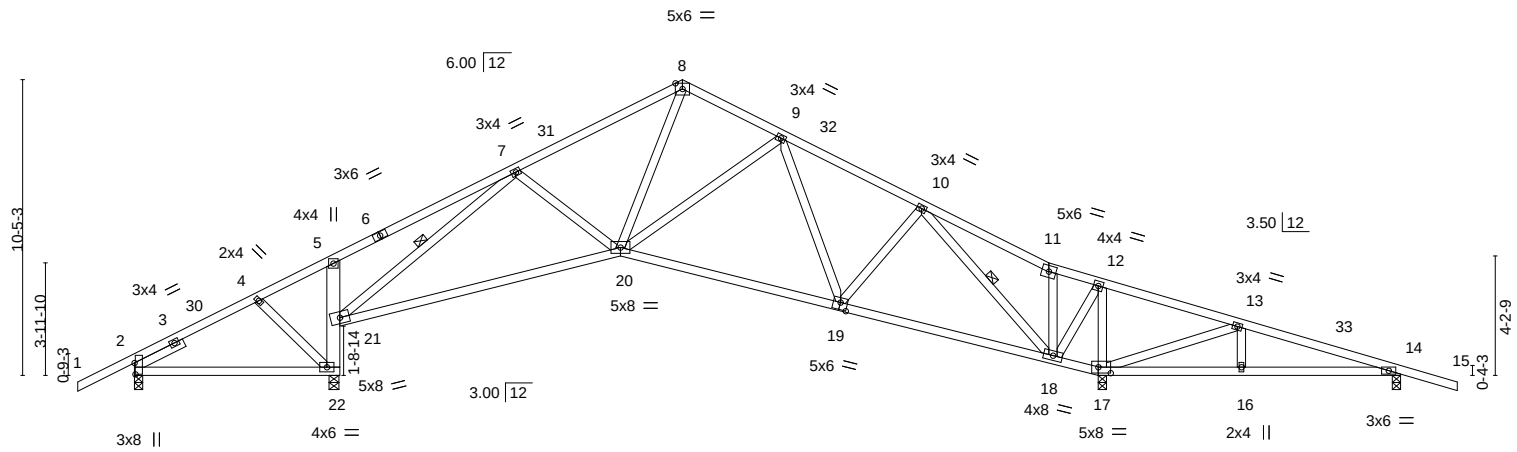
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T10	Roof Special	1	1	T23263036
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:40 2021 Page 1
ID:r0zmu6gKG8W1sHAjNyRxE?yUEZe-9dTpebQCa_FORzQ1PLoA51IhV6fngtoEmwEHOnzZEjf

-2-0-0	4-4-10	7-2-15	13-5-7	19-4-0	22-9-11	27-9-3	32-3-2	34-0-0	39-0-10	44-8-0	46-8-0
2-0-0	4-4-10	2-10-5	6-2-8	5-10-9	3-5-11	4-11-8	4-5-15	1-8-14	5-0-10	5-7-6	2-0-0

Scale = 1:81.3



7-0-8	7-2-15	17-1-12	24-11-0	32-3-2	34-0-0	39-0-10	44-8-0
7-0-8	0-2-8	9-10-13	7-9-4	7-4-2	1-8-14	5-0-10	5-7-6

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

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	0.41	Vert(LL)	-0.27	20-21	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.54	20-21	>597	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.09	17	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 250 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 5-22: 2x6 SP No.2, 20-21: 2x4 SP M 31
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -x 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-10-14 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 7-21, 10-18

REACTIONS. All bearings 0-3-8 except (jt=length) 22=0-4-3.
(lb) - Max Horz 2=161(LC 16)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-116(LC 13), 17=-382(LC 13), 14=-177(LC 9), 22=-291(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=359(LC 23), 17=1701(LC 1), 14=312(LC 24), 22=1193(LC 1)

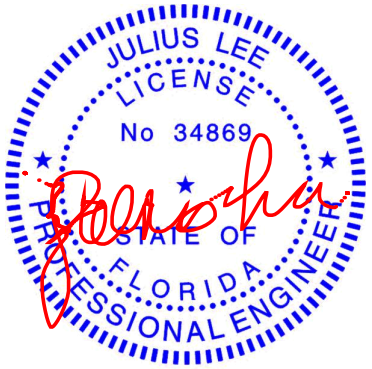
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-394/0, 7-31=-1286/339, 8-31=-1206/359, 8-9=-953/312, 9-32=-922/344, 10-32=-1018/335, 10-11=0/320, 11-12=-6/253, 12-13=-152/816
BOT CHORD	21-22=-1007/245, 5-21=-283/168, 20-21=-209/1124, 19-20=-57/947, 18-19=-72/702, 17-18=-829/264
WEBS	7-21=-1358/237, 8-20=-184/766, 10-19=0/320, 10-18=-1387/296, 12-18=-220/1062, 12-17=-1243/314, 13-17=-721/210

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 2-5-10, Interior(1) 2-5-10 to 19-4-0, Exterior(2R) 19-4-0 to 23-9-9, Interior(1) 23-9-9 to 46-8-0 zone; end vertical 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 116 lb uplift at joint 2, 382 lb uplift at joint 17, 177 lb uplift at joint 14 and 291 lb uplift at joint 22.

LOAD CASE(S) Standard



Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

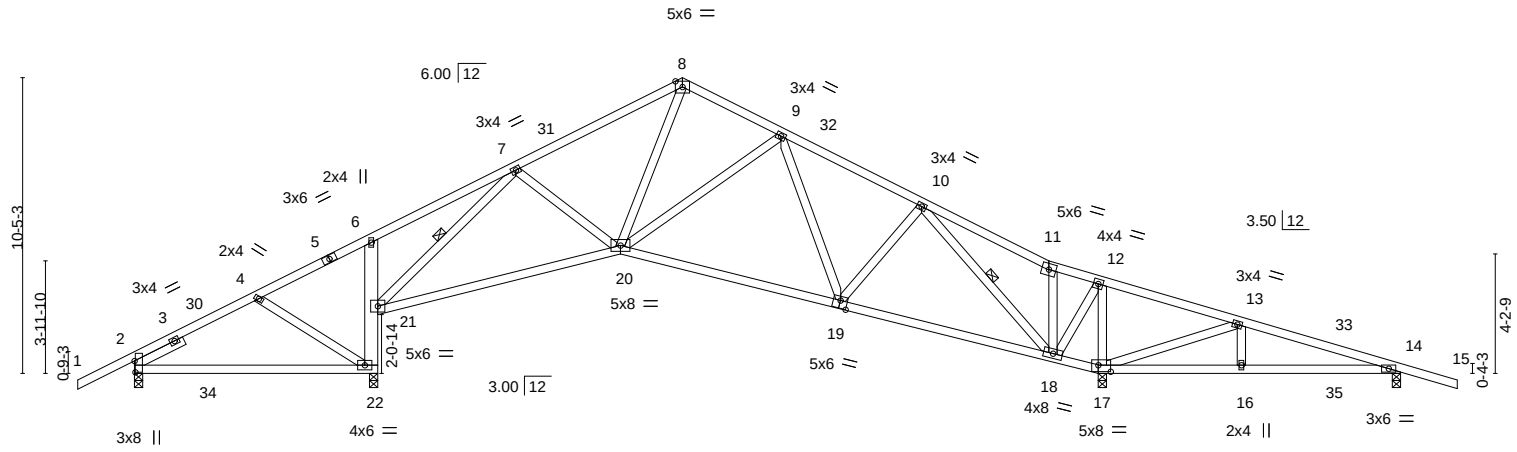
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T11	Roof Special	2	1	T23263037
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:40 2021 Page 1
ID:r0zmu6gKG8W1sHAjNyRxE?yUEZe-9dTpebQCa_FORzQ1PLoA51lhq6cjgvwEmwEHOnzZEjf

-2-0-0	4-4-10	8-7-0	13-5-7	19-4-0	22-9-11	27-9-3	32-3-2	34-0-0	39-0-10	44-8-0	46-8-0
2-0-0	4-4-10	4-2-6	4-10-7	5-10-9	3-5-11	4-11-8	4-5-14	1-8-14	5-0-10	5-7-6	2-0-0

Scale = 1:81.3



8-5-4	8-7-0	17-1-12	24-11-0	32-3-2	34-0-0	39-0-10	44-8-0
8-5-4	0-1-12	8-6-12	7-9-4	7-4-2	1-8-14	5-0-10	5-7-6

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	0.19	22-25	>516	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.41	20-21	>757	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.07	17	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 252 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 6-22: 2x6 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -x 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-2-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 7-21, 10-18

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=161(LC 16)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-161(LC 8), 17=-381(LC 13), 14=-246(LC 9), 22=-297(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=400(LC 23), 17=1618(LC 1), 14=327(LC 24), 22=1211(LC 1)

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

TOP CHORD	2-3=-591/747, 3-30=-204/343, 4-30=-193/354, 5-6=-58/261, 6-7=-65/329, 7-31=-1108/316, 8-31=-1031/335, 8-9=-834/296, 9-32=-861/269, 10-32=-957/260, 10-11=-161/265, 12-13=-337/732, 13-33=-92/376, 14-33=-114/368
BOT CHORD	2-34=-266/183, 22-34=-266/183, 21-22=-1009/246, 20-21=-140/869, 19-20=-24/872, 18-19=-27/676, 17-18=-743/457, 16-17=-316/88, 16-35=-316/88, 14-35=-316/88
WEBS	7-21=-1242/220, 8-20=-162/618, 10-19=-17/290, 10-18=-1271/418, 12-18=-229/999, 12-17=-1181/317, 13-17=-717/768, 13-16=-292/240

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 2-5-10, Interior(1) 2-5-10 to 19-4-0, Exterior(2R) 19-4-0 to 23-9-9, Interior(1) 23-9-9 to 46-8-0 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 161 lb uplift at joint 2, 381 lb uplift at joint 17, 246 lb uplift at joint 14 and 297 lb uplift at joint 22.

LOAD CASE(S) Standard

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

March 22,2021

MiTek
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Tampa, FL 36610

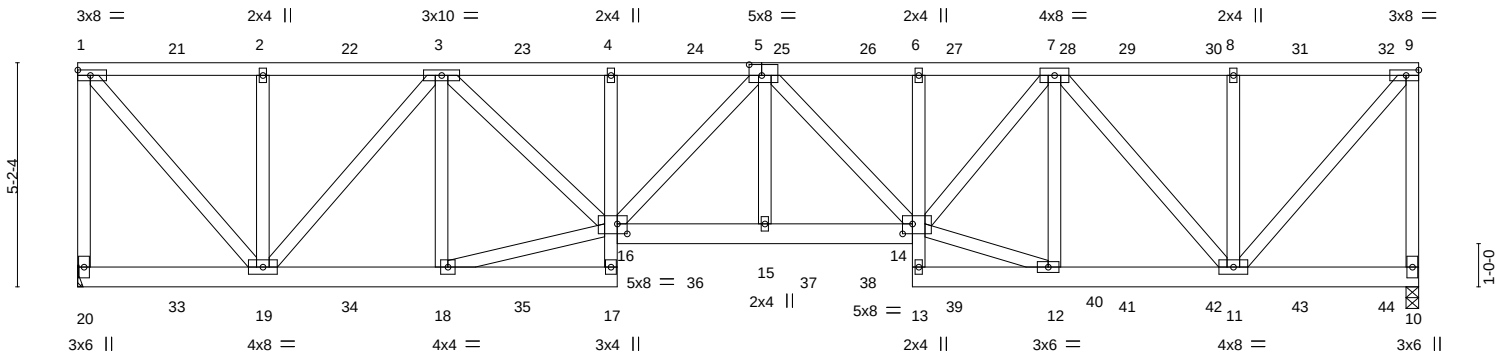
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T12	Roof Special Girder	1	2	T23263038
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:43 2021 Page 1
ID:r0zmu6gKG8W1sHAjNyRxE?yUEZe-ZC9yHdS4tvdzIR9c4ULtjfwFpKghtEshSuTx?6zZEjc

4-3-7	8-5-1	12-5-14	15-10-14	19-3-14	22-7-5	26-9-0	31-0-8
4-3-7	4-1-10	4-0-13	3-5-0	3-5-0	3-3-7	4-1-11	4-3-8

Scale = 1:53.3



4-3-7	8-5-1	12-5-14	15-10-14	19-3-14	22-7-5	26-9-0	31-0-8
4-3-7	4-1-10	4-0-13	3-5-0	3-5-0	3-3-7	4-1-11	4-3-8

Plate Offsets (X,Y)-- [5:0-3-8,0-3-0], [14:0-2-12,0-2-12], [16:0-2-12,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.22	Vert(LL)	0.14	15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.24	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.57	Horz(CT)	0.08	10	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 500 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* 4-17,6-13: 2x4 SP No.3
WEBS	2x4 SP No.3

BRACING-

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

REACTIONS. (lb/size) 20=2620/Mechanical, 10=2556/0-3-8
Max Uplift 20=-1000(LC 4), 10=-975(LC 4)

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

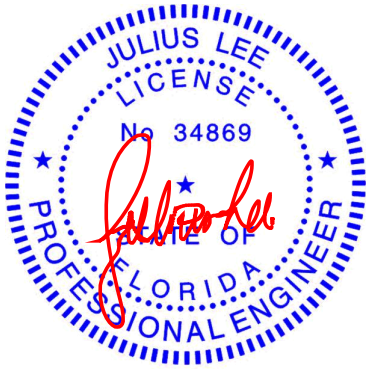
TOP CHORD 1-20=-2348/911, 1-21=-1895/720, 2-21=-1895/720, 2-22=-1895/720, 3-22=-1895/720, 3-23=-4791/1820, 4-23=-4791/1820, 4-24=-4818/1830, 5-24=-4818/1830, 5-25=-4702/1785, 25-26=-4702/1785, 6-26=-4702/1785, 6-27=-4670/1772, 27-28=-4670/1772, 7-28=-4670/1772, 7-29=-1911/727, 29-30=-1911/727, 8-30=-1911/727, 8-31=-1911/727, 31-32=-1911/727, 9-32=-1911/727, 9-10=-2338/906

BOT CHORD 19-34=-1211/3188, 18-34=-1211/3188, 18-35=-154/399, 17-35=-154/399, 16-17=-98/289, 4-16=-258/136, 16-36=-1934/5103, 15-36=-1934/5103, 15-37=-1935/5109, 37-38=-1935/5109, 14-38=-1935/5109, 6-14=-264/143, 13-39=-143/361, 39-40=-143/361, 12-40=-143/361, 12-41=-1212/3191, 41-42=-1212/3191, 11-42=-1212/3191

WEBS 1-19=-1094/2881, 2-19=-292/151, 3-19=-1983/753, 3-18=-341/165, 16-18=-1091/2878, 3-16=-850/2236, 5-16=-421/153, 5-15=-50/444, 5-14=-590/217, 12-14=-1121/2970, 7-14=-881/2325, 7-12=-561/242, 7-11=-1962/744, 8-11=-304/158, 9-11=-1102/2902

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1000 lb uplift at joint 20 and 975 lb uplift at joint 10.



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Date: March 22,2021

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 59 lb down and 35 lb up at 0-1-12, 67 lb down and 31 lb up at 2-3-4, 67 lb down and 31 lb up at 4-3-4, 67 lb down and 31 lb up at 6-3-4, 67 lb down and 31 lb up at 8-3-4, 67 lb down and 31 lb up at 10-3-4, 67 lb down and 31 lb up at 12-3-4, 125 lb down and 79 lb up at 14-3-4, 125 lb down and 79 lb up at 16-3-4, 125 lb down and 79 lb up at 18-3-4, 67 lb down and 31 lb up at 20-3-4, 67 lb down and 31 lb up at 22-3-4, 67 lb down and 31 lb up at 24-3-4, 67 lb down and 31 lb up at 26-3-4, and 67 lb down and 31 lb up at 28-3-4, and 63 lb down and 35 lb up at 30-3-4 on top chord, and 163 lb down and 73 lb up at 0-1-12, 154 lb down and 82 lb up at 2-3-4, 154 lb down and 82 lb up at 4-3-4, 154 lb down and 82 lb up at 6-3-4, 154 lb down and 82 lb up at 8-3-4, 154 lb down and 82 lb up at 10-3-4, 154 lb down and 82 lb up at 12-4-2, 101 lb down and 31 lb up at 14-3-4, 101 lb down and 31 lb up at 16-3-4, 101 lb down and 31 lb up at 18-3-4, 154 lb down and 82 lb up at 20-3-4, 154 lb down and 82 lb up at 22-3-4, 154 lb down and 82 lb up at 24-3-4, 154 lb down and 82 lb up at 26-3-4, and 154 lb down and 82 lb up at 28-3-4, and 158 lb down and 78 lb up at 30-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-9=-54, 17-20=-20, 14-16=-20, 10-13=-20
   Concentrated Loads (lb)
   Vert: 20=-160(B) 1=-51(B) 17=-151(B) 4=-27(B) 19=-151(B) 2=-27(B) 3=-27(B) 18=-151(B) 21=-27(B) 22=-27(B) 23=-27(B) 24=-105(B) 25=-105(B) 26=-105(B) 27=-27(B) 28=-27(B) 29=-27(B) 30=-27(B) 31=-27(B) 32=-37(B) 33=-151(B) 34=-151(B) 35=-151(B) 36=-73(B) 37=-73(B) 38=-73(B) 39=-151(B) 40=-151(B) 41=-151(B) 42=-151(B) 43=-151(B) 44=-155(B)

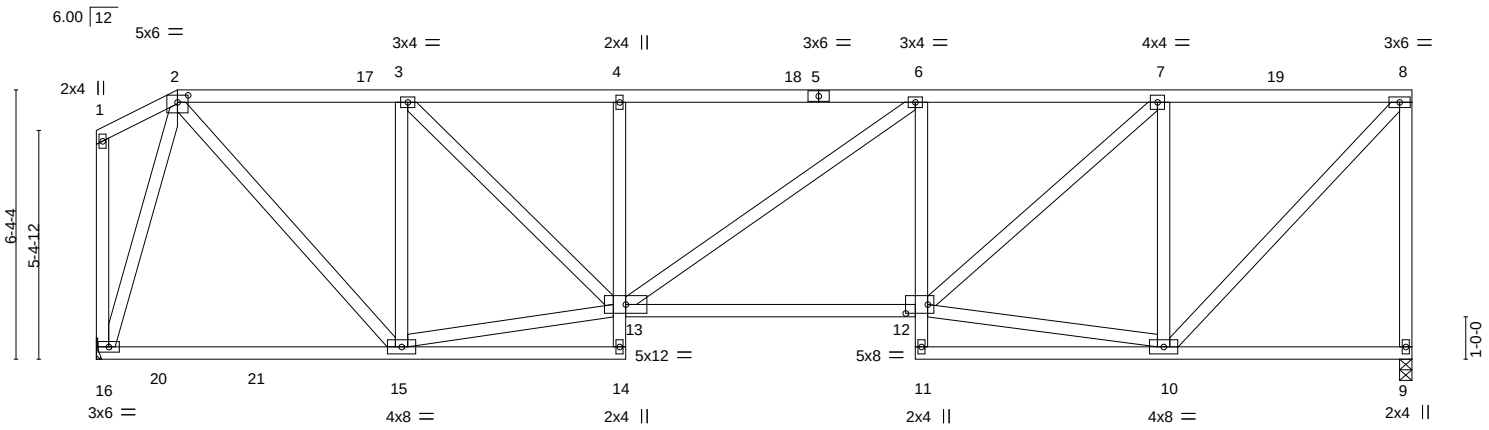
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T13	Half Hip	1	1	T23263039
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:44 2021 Page 1
ID:r0zmu6gKG8W1sHAjNyRxE?yUEZe-2OjKUzTieDlqvakoeBs6FtTEWjzeccXqgYDUXYzZEjb

1-10-15	7-2-7	12-5-14	19-3-14	25-2-3	31-0-8
1-10-15	5-3-7	5-3-7	6-10-0	5-10-5	5-10-5

Scale = 1:54.4



1-10-15	7-2-7	12-5-14	19-3-14	25-2-3	31-0-8
1-10-15	5-3-7	5-3-7	6-10-0	5-10-5	5-10-5

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

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	0.99	Vert(LL)	-0.17	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.34	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.07	9	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 224 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 4-14,6-11: 2x4 SP No.3
WEBS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-11-13 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 8-8-2 oc bracing: 12-13.

REACTIONS. (lb/size) 9=1138/0-3-8, 16=1138/Mechanical
Max Horz 16=31(LC 12)
Max Uplift 9=-311(LC 9), 16=-281(LC 9)
Max Grav 9=1217(LC 2), 16=1246(LC 2)

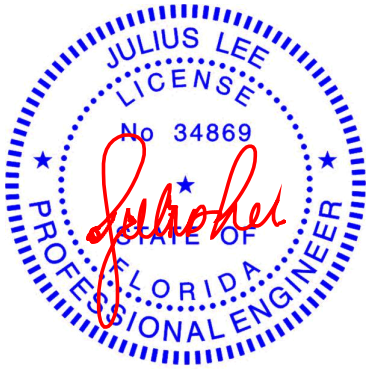
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-17=-1131/288, 3-17=-1131/288, 3-4=-1800/466, 4-18=-1822/472, 5-18=-1822/472, 5-6=-1822/472, 6-7=-1762/455, 7-19=-960/243, 8-19=-960/243, 8-9=-1134/323
BOT CHORD	16-20=-105/331, 20-21=-105/331, 15-21=-105/331, 4-13=-334/162, 12-13=-460/1784, 6-12=-371/177
WEBS	2-15=-286/1230, 3-15=-904/311, 13-15=-264/1143, 3-13=-243/919, 10-12=-224/947, 7-12=-275/1049, 7-10=-979/340, 8-10=-353/1396, 2-16=-1127/310

NOTES-

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-1-12 to 1-10-15, Exterior(2R) 1-10-15 to 6-3-10, Interior(1) 6-3-10 to 30-10-12 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 311 lb uplift at joint 9 and 281 lb uplift at joint 16.

LOAD CASE(S) Standard



Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

March 22,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T14	Hip Girder	1	1	T23263040
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055 — Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:45 2021 Page 1

ID:r0zmu6gKG8W1sHAjNyRxE?yUEZe-WbHiilUKPWthXkI_BuOLo4?Yy7HlL2AzvCy24_zZEja

-2-0-0	2-7-8	3-8-9	5-8-9	9-1-8	13-0-0	16-10-7	19-6-15	22-7-0
2-0-0	2-7-8	1-1-2	2-0-0	3-4-15	3-10-7	3-10-7	2-8-9	3-0-1

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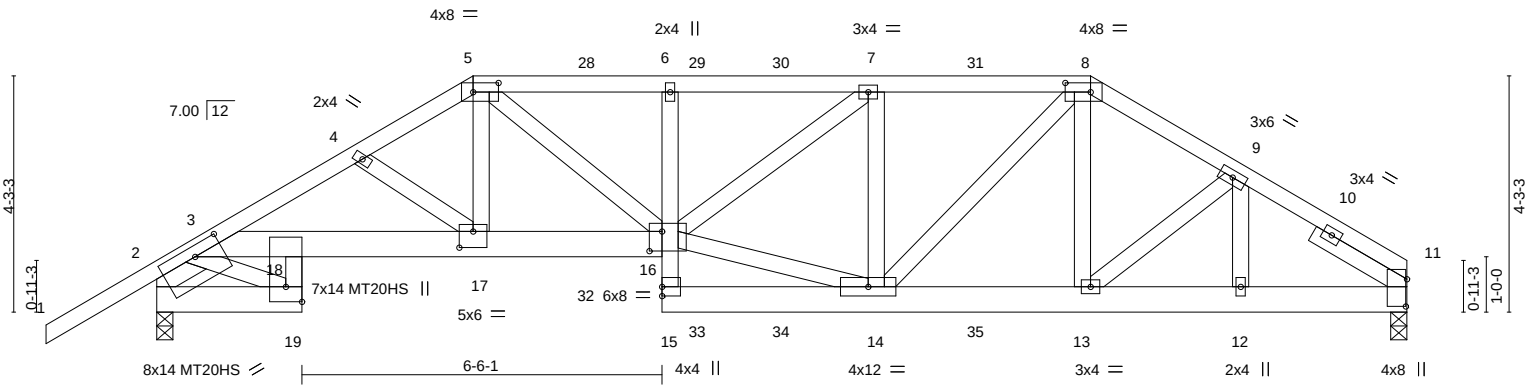


2-7-8	5-8-9	9-1-8	13-0-0	16-10-7	19-6-15	22-7-0
2-7-8	3-1-2	3-4-15	3-10-7	3-10-7	2-8-9	3-0-1

Plate Offsets (X,Y)-- [2:0-6-0,0-2-4], [5:0-5-8,0-2-0], [8:0-5-8,0-2-0], [11:0-5-15,0-0-4], [16:0-2-12,0-4-4], [17:0-3-0,0-3-8], [18:Edge,0-3-8]

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	0.43	Vert(LL)	0.14	6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.88	Vert(CT)	-0.25	6	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.90	Horz(CT)	0.12	11	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 161 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
18-19: 2x4 SP No.3, 3-16: 2x6 SP M 26, 6-15: 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 -x 0-11-3, Right 2x4 SP No.3 -x 1-11-8

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-10-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-10-10 oc bracing.

REACTIONS. (lb/size) 11=1618/0-3-8, 2=1722/0-3-8
Max Horz 2=91(LC 7)
Max Uplift 11=-542(LC 9), 2=-574(LC 8)

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

TOP CHORD 2-3=-488/157, 3-4=-3428/1185, 4-5=-3294/1152, 5-28=-3484/1235, 6-28=-3484/1235, 6-29=-3464/1231, 29-30=-3464/1231, 7-30=-3464/1231, 7-31=-2702/967, 8-31=-2702/967, 8-9=-2446/883, 9-10=-2223/776, 10-11=-812/275

BOT CHORD 2-19=-418/1150, 18-19=-273/774, 3-18=-966/2777, 17-18=-1028/2953, 17-32=-974/2857, 16-32=-974/2857, 6-16=-403/214, 15-33=-143/426, 33-34=-143/426, 14-34=-143/426, 14-35=-695/2110, 13-35=-695/2110, 12-13=-608/1842, 11-12=-608/1842

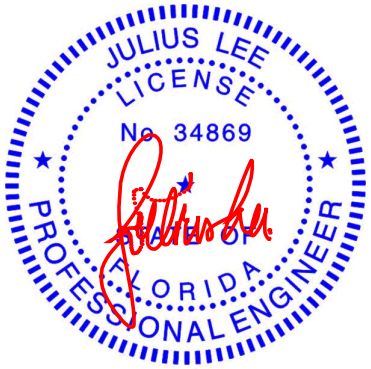
WEBS 5-17=-280/891, 5-16=-365/850, 14-16=-800/2357, 7-16=-349/969, 7-14=-1066/467, 8-14=-312/868, 8-13=-50/349, 9-13=-264/419, 9-12=-304/142, 3-19=-1180/433

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; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 542 lb uplift at joint 11 and 574 lb uplift at joint 2.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 114 lb down and 82 lb up at 5-8-9, 96 lb down and 79 lb up at 7-9-5, 106 lb down and 93 lb up at 9-9-5, 106 lb down and 85 lb up at 11-3-8, 106 lb down and 93 lb up at 12-9-11, and 106 lb down and 93 lb up at 14-9-11, and 198 lb down and 182 lb up at 16-10-7 on top chord, and 283 lb down and 132 lb up at 5-8-9, 93 lb down and 32 lb up at 7-9-5, 84 lb down and 21 lb up at 9-9-5, 84 lb down and 21 lb up at 11-3-8, 84 lb down and 21 lb up at 12-9-11, and 84 lb down and 21 lb up at 14-9-11, and 251 lb down and 108 lb up at 16-9-11 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

Continued on page 2



Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: March 22,2021

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Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-8=-54, 8-11=-54, 19-24=-20, 16-18=-20, 15-20=-20
   Concentrated Loads (lb)
   Vert: 5=-96(F) 8=-153(F) 17=-252(F) 7=-106(F) 14=-61(F) 13=-218(F) 28=-96(F) 29=-106(F) 30=-106(F) 31=-106(F) 32=-79(F) 33=-61(F) 34=-61(F) 35=-61(F)

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T15	Hip Girder	1	2	T23263041
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:46 2021 Page 1
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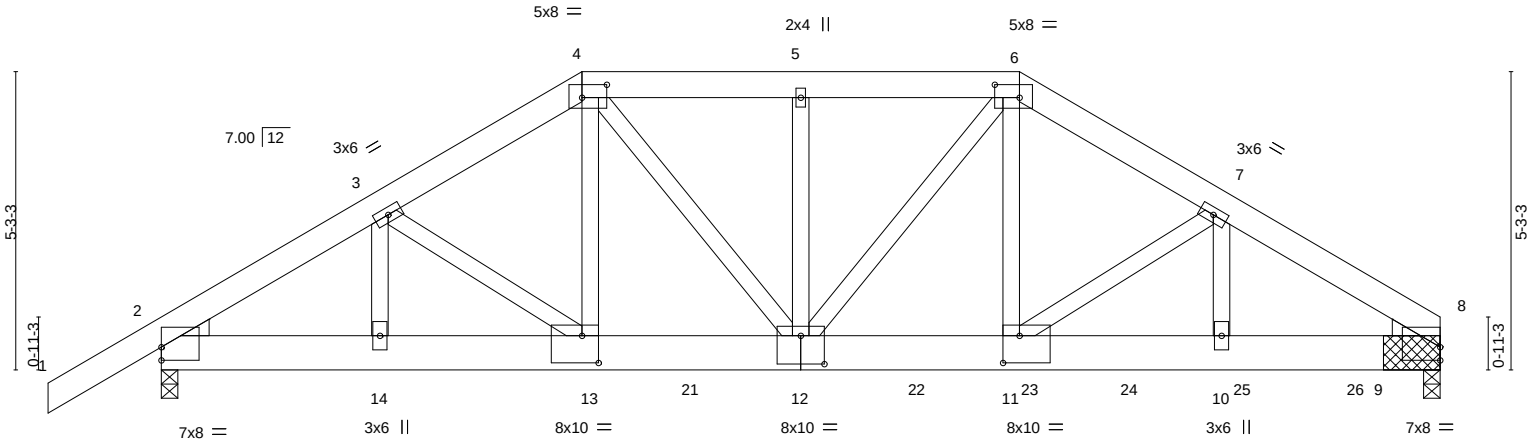
-2-0-0	3-10-5	7-5-2	11-3-8	15-1-14	18-8-11	22-7-0
2-0-0	3-10-5	3-6-13	3-10-6	3-10-6	3-6-13	3-10-5

Scale = 1:40.7



3-10-5	7-5-2	11-3-8	15-1-14	18-8-11	22-7-0
3-10-5	3-6-13	3-10-6	3-10-6	3-6-13	3-10-5

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

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	0.46	Vert(LL)	-0.09	12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.36	Vert(CT)	-0.17	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.58	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 391 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 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 4-7-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=6757/(0-3-8 + bearing block) (req. 0-4-0), 2=5180/0-3-8
Max Horz 2=113(LC 7)
Max Uplift 8=-1652(LC 9), 2=-1473(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-7946/2249, 3-4=-8785/2514, 4-5=-8614/2319, 5-6=-8614/2319, 6-7=-8872/2277, 7-8=-9724/2407
BOT CHORD 2-14=-1923/6691, 13-14=-1923/6691, 13-21=-2153/7662, 12-21=-2153/7662, 12-22=-1877/7750, 11-22=-1877/7750, 11-23=-2001/8230, 23-24=-2001/8230, 10-24=-2001/8230, 10-25=-2001/8230, 25-26=-2001/8230, 9-26=-2001/8230, 8-9=-2001/8230
WEBS 3-14=-966/303, 3-13=-453/1169, 4-13=-1044/2929, 4-12=-238/1572, 6-12=-587/1536, 6-11=-654/3059, 7-11=-715/182, 7-10=-162/949

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 13-4 2x4 - 1 row at 0-8-0 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) 2x8 SP 2400F 2.0E bearing block 12" long at jt. 8 attached to each face with 4 rows of 10d (0.131"x3") nails spaced 3" o.c. 16 Total fasteners per block. Bearing is assumed to be SP No.2.
4) Unbalanced roof live loads have been considered for this design.
5) 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
6) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
7) Provide adequate drainage to prevent water ponding.
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 1652 lb uplift at joint 8 and 1473 lb uplift at joint 2.

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

March 22,2021

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2600 lb down and 1020 lb up at 7-5-1, 1227 lb down and 301 lb up at 9-4-4, 1229 lb down and 281 lb up at 11-4-4, 1118 lb down and 257 lb up at 13-4-4, 1118 lb down and 257 lb up at 15-4-4, 1029 lb down and 242 lb up at 17-1-4, and 1029 lb down and 242 lb up at 19-1-4, and 1029 lb down and 242 lb up at 21-1-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-6=-54, 6-8=-54, 15-18=-20
   Concentrated Loads (lb)
   Vert: 13=-2600(B) 12=-1118(B) 21=-1118(B) 22=-1118(B) 23=-1118(B) 24=-1029(B) 25=-1029(B) 26=-1029(B)

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T16	SCISSORS	5	1	T23263042
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:47 2021 Page 1
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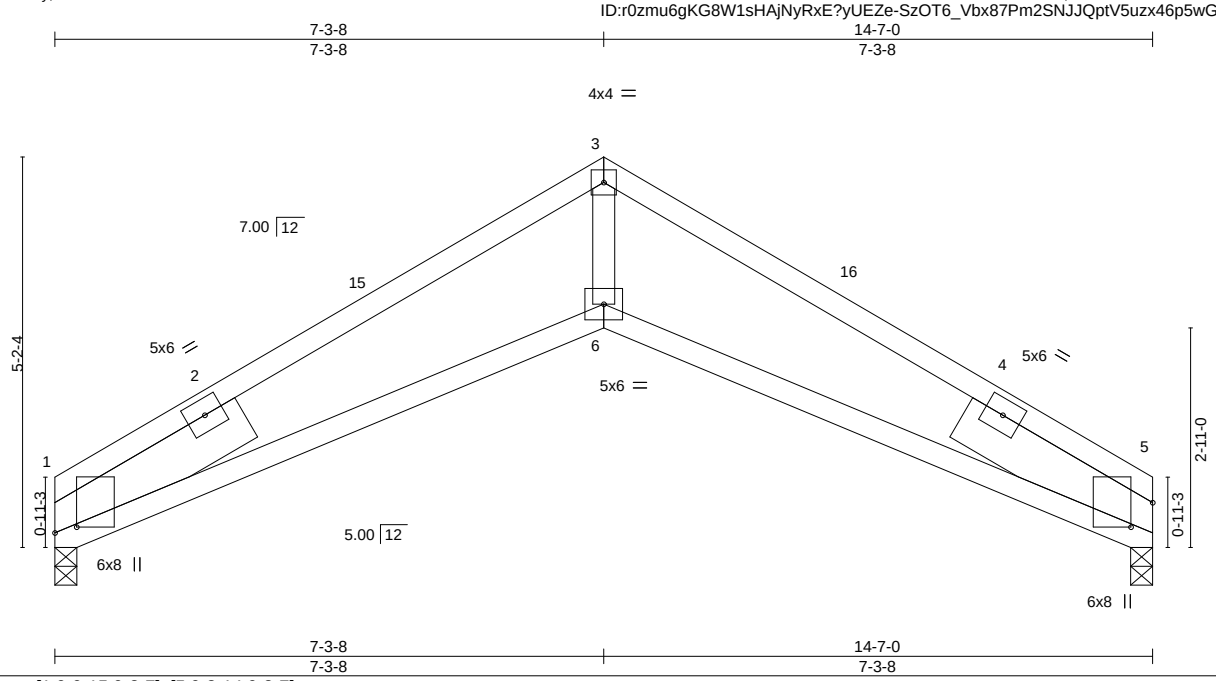


Plate Offsets (X,Y)-- [1:0-0-15,0-3-7], [5:0-3-14,0-3-7]

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	0.40	Vert(LL)	-0.10	6-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.15	6-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.10	5	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 70 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x8 SP 2400F 2.0E -x 2-11-10,
Right 2x8 SP 2400F 2.0E -x 2-11-10

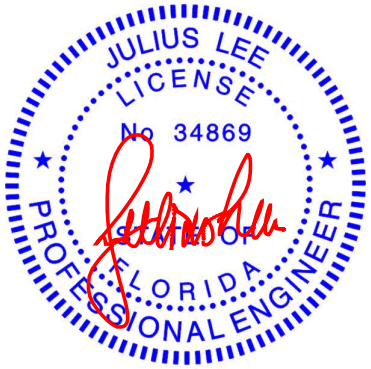
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=540/0-3-8, 5=540/0-3-8
Max Horz 1=94(LC 11)
Max Uplift 1=-106(LC 12), 5=-106(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-590/136, 2-15=-1289/263, 3-15=-1214/275, 3-16=-1214/280, 4-16=-1289/267, 4-5=-590/118
BOT CHORD 1-6=-192/1154, 5-6=-185/1154
WEBS 3-6=-130/971

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 7-3-8, Exterior(2R) 7-3-8 to 10-3-8, Interior(1) 10-3-8 to 14-7-0 zone; end vertical 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) Bearing at joint(s) 1, 5 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 106 lb uplift at joint 1 and 106 lb uplift at joint 5.

LOAD CASE(S) Standard



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Date:

March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T16G	GABLE	1	1	T23263043
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:47 2021 Page 1
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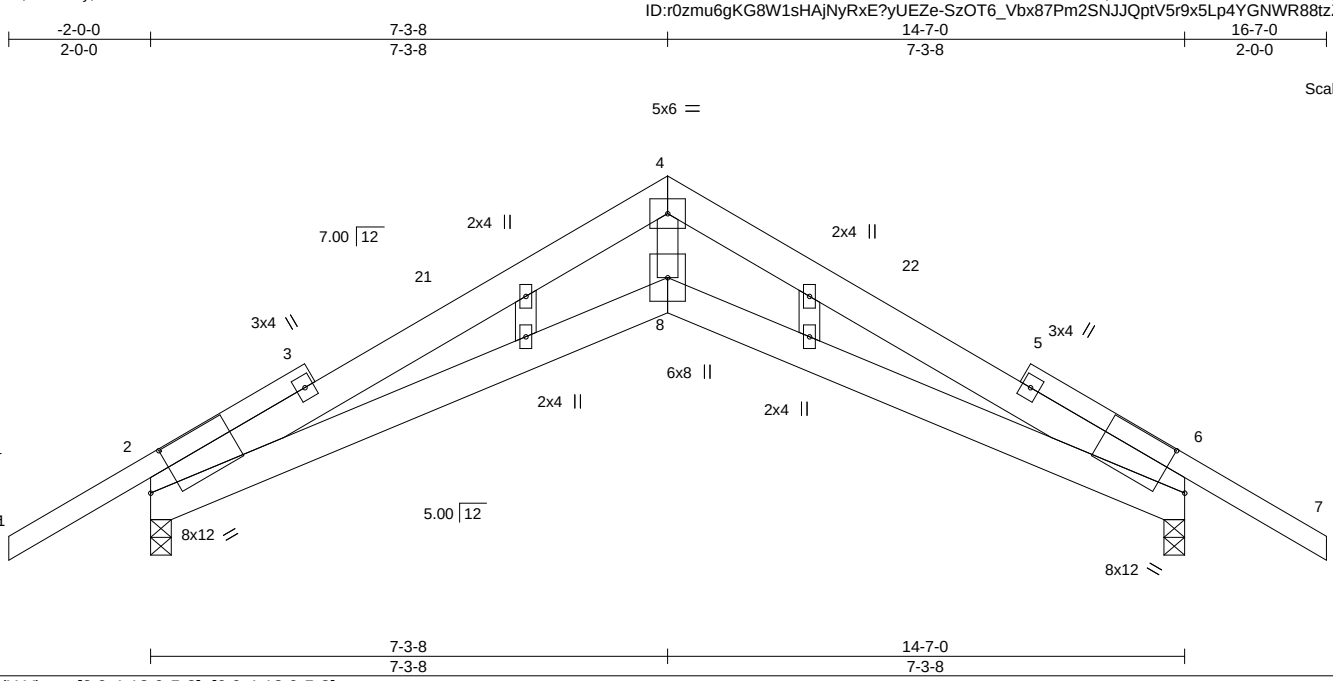

Plate Offsets (X,Y)-- [2:0-4-13,0-5-8], [6:0-4-13,0-5-8]

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	0.58	Vert(LL)	-0.14	8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.36	Vert(CT)	-0.25	8	>701	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.21	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 96 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2 *Except* 1-3,5-7: 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 4-1-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=648/0-3-8, 6=648/0-3-8
Max Horz 2=110(LC 11)
Max Uplift 2=-153(LC 12), 6=-153(LC 13)

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

TOP CHORD	2-3=-1068/109, 3-21=-1456/196, 4-21=-1406/209, 4-22=-1406/236, 5-22=-1453/222, 5-6=-1068/150
BOT CHORD	2-8=-162/1335, 6-8=-154/1335
WEBS	4-8=-93/1032

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 7-3-8, Exterior(2R) 7-3-8 to 10-3-8, Interior(1) 10-3-8 to 16-7-0 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 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) Bearing at joint(s) 2, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 153 lb uplift at joint 2 and 153 lb uplift at joint 6.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T17	Roof Special	1	1	T23263044
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:48 2021 Page 1
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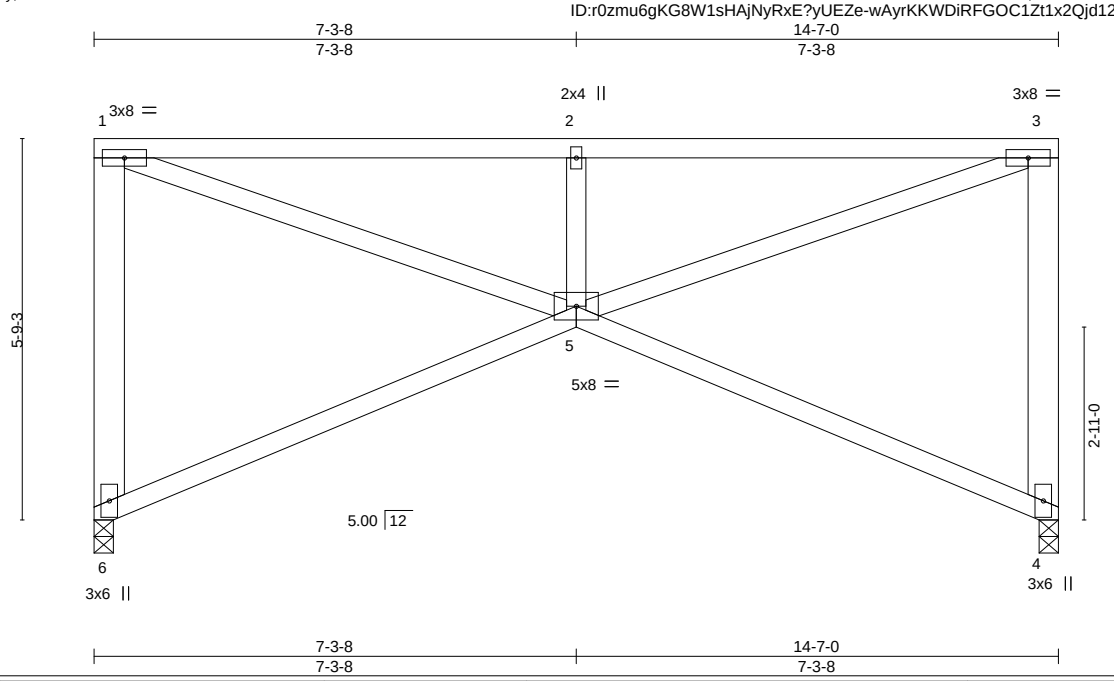


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.09	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.19	5-6	>912	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.05	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 94 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
1-6,3-4: 2x6 SP No.2

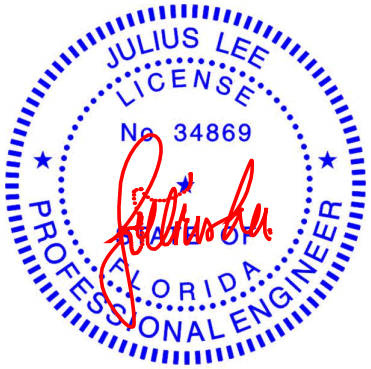
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 6=523/0-3-8, 4=523/0-3-8
Max Horz 6=-132(LC 10)
Max Uplift 6=-156(LC 8), 4=-161(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-463/410, 1-2=-849/728, 2-3=-849/728, 3-4=-463/439
WEBS 1-5=-664/872, 2-5=-429/482, 3-5=-755/872

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Corner(3) 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) 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) Bearing at joint(s) 6, 4 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 156 lb uplift at joint 6 and 161 lb uplift at joint 4.

LOAD CASE(S) Standard



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March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T18	Roof Special	1	1	T23263045
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:48 2021 Page 1
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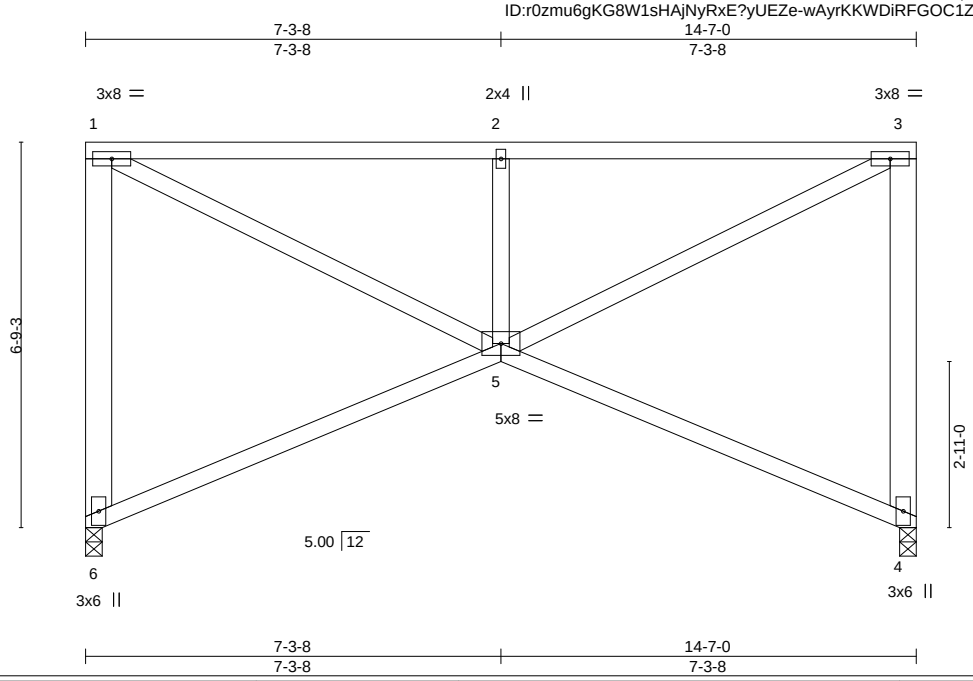

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.09	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.18	5-6	>960	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.03	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 102 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
1-6,3-4: 2x6 SP No.2

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. (lb/size) 6=523/0-3-8, 4=523/0-3-8
Max Horz 6=-155(LC 10)
Max Uplift 6=-162(LC 8), 4=-168(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-461/406, 1-2=-613/552, 2-3=-613/552, 3-4=-461/452
WEBS 1-5=-506/661, 2-5=-433/486, 3-5=-601/661

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Corner(3) 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) 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) Bearing at joint(s) 6, 4 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 162 lb uplift at joint 6 and 168 lb uplift at joint 4.

LOAD CASE(S) Standard

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March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T19	Roof Special	1	1	T23263046
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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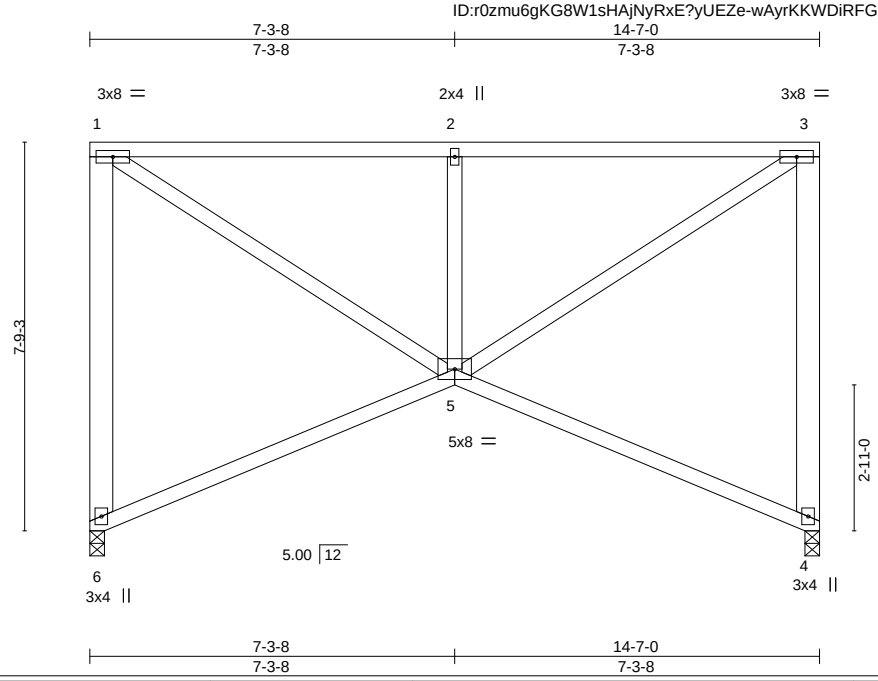


Scale = 1:46.0

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	0.54	Vert(LL)	-0.09	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.17	5-6	>977	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.02	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 109 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
1-6,3-4: 2x6 SP No.2

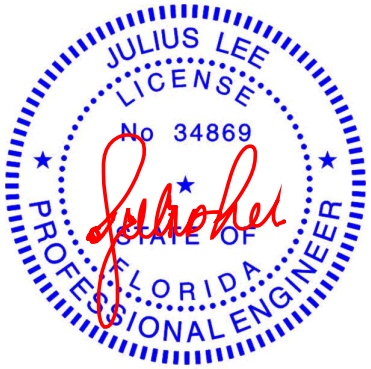
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 6=523/0-3-8, 4=523/0-3-8
Max Uplift 6=-141(LC 8), 4=-141(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-460/404, 1-2=-480/361, 2-3=-480/361, 3-4=-460/404
WEBS 1-5=-414/548, 2-5=-436/486, 3-5=-414/548

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Corner(3) 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.
6) Bearing at joint(s) 6, 4 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 141 lb uplift at joint 6 and 141 lb uplift at joint 4.

LOAD CASE(S) Standard



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Date:

March 22,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T20	Flat Girder	1	1	T23263047
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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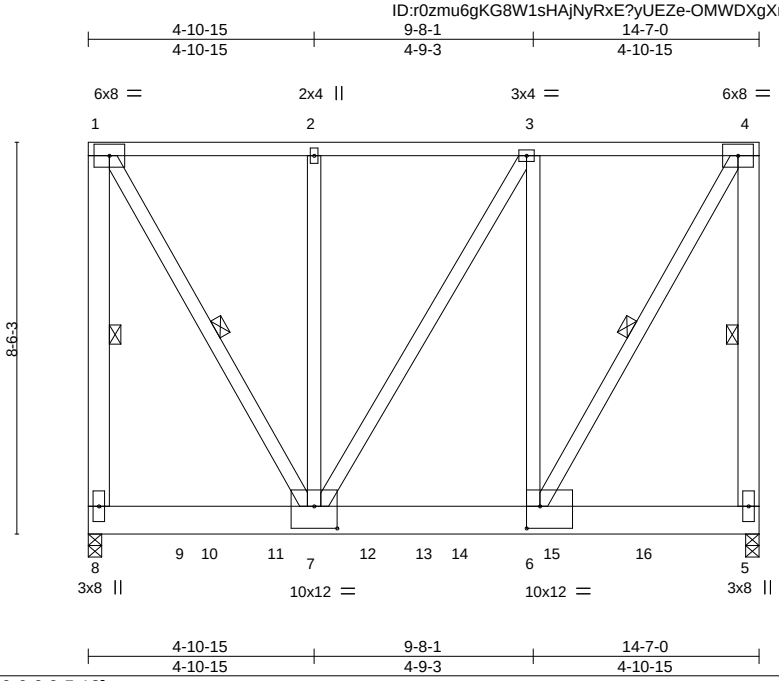


Plate Offsets (X,Y)-- [6:0-3-8,0-5-12], [7:0-6-0,0-5-12]

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	0.35	Vert(LL)	-0.05	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	-0.09	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.90	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 164 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* 1-8,4-5: 2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-2-9 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 1-8, 4-5, 1-7, 4-6

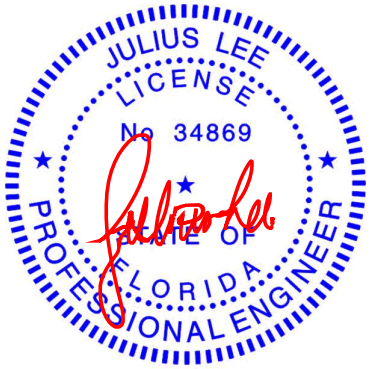
REACTIONS. (lb/size) 8=2454/0-3-8, 5=2964/0-3-8 (req. 0-3-13)
Max Uplift 8=-877(LC 4), 5=-1067(LC 4)
Max Grav 8=2671(LC 2), 5=3221(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-8=-2148/734, 1-2=-1209/401, 2-3=-1209/401, 3-4=-1205/400, 4-5=-2143/732
BOT CHORD 7-12=-400/1205, 12-13=-400/1205, 13-14=-400/1205, 6-14=-400/1205
WEBS 1-7=-783/2368, 2-7=-261/133, 3-6=-272/130, 4-6=-782/2364

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, with BCDL = 10.0psf.
6) WARNING: Required bearing size at joint(s) 5 greater than input bearing size.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 877 lb uplift at joint 8 and 1067 lb uplift at joint 5.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 660 lb down and 252 lb up at 2-0-12, 672 lb down and 252 lb up at 4-0-12, 672 lb down and 252 lb up at 6-0-12, 659 lb down and 252 lb up at 8-0-12, 669 lb down and 252 lb up at 10-0-12, and 664 lb down and 252 lb up at 12-0-12, and 675 lb down and 245 lb up at 14-4-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 5=-631(F) 9=-624(F) 11=-624(F) 12=-624(F) 14=-624(F) 15=-624(F) 16=-624(F)



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Date:

March 22,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T21	Common	2	1	T23263048
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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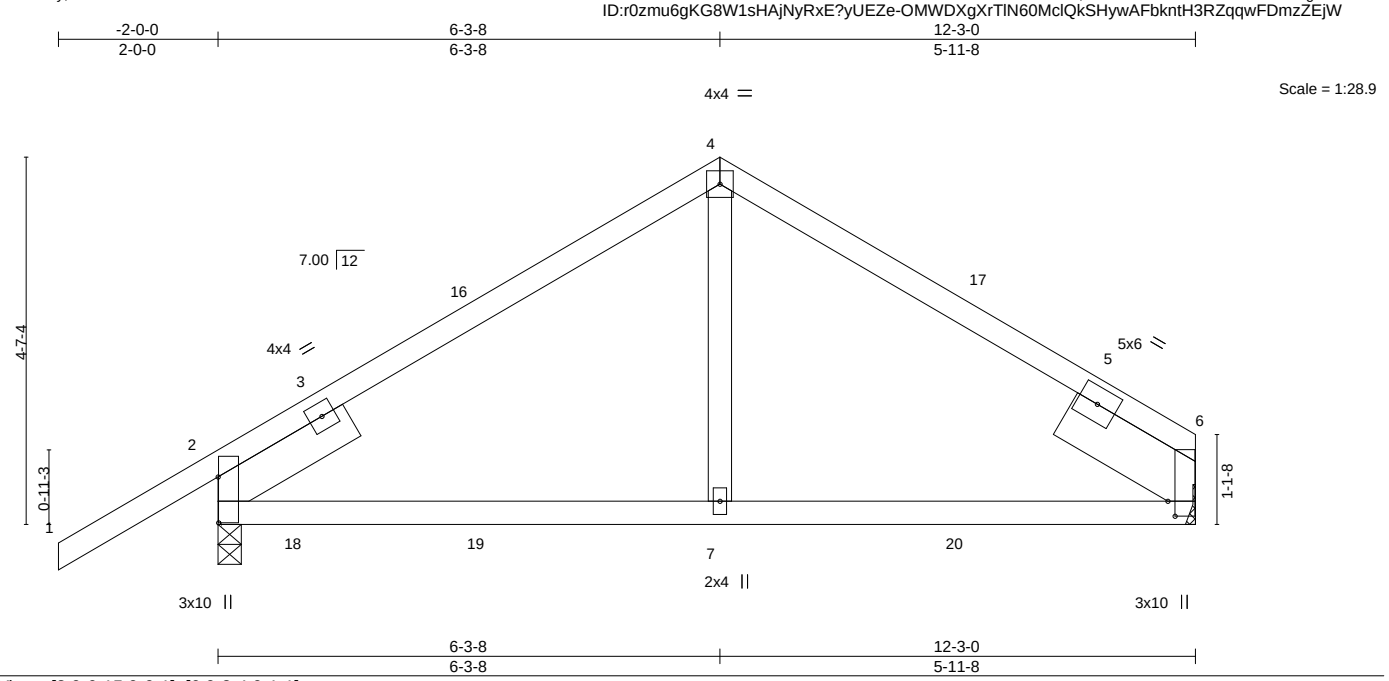


Plate Offsets (X,Y)-- [2:0-6-15,0-0-1], [6:0-2-4,0-1-1]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	0.05	7-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.06	7-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 60 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -x 1-11-8, Right 2x8 SP 2400F 2.0E -x 1-11-8

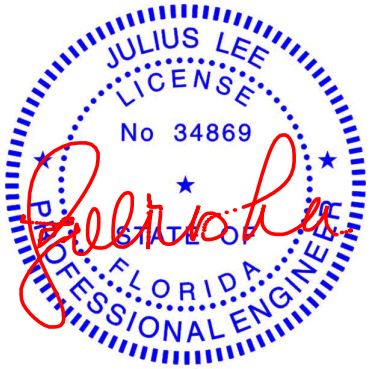
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-10-8 oc bracing.

REACTIONS. (lb/size) 6=444/Mechanical, 2=570/0-3-8
Max Horz 2=97(LC 9)
Max Uplift 6=-87(LC 13), 2=-135(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-16=-415/448, 4-16=-402/460, 4-17=-402/466, 5-17=-418/453
BOT CHORD 2-18=-323/347, 18-19=-323/347, 7-19=-323/347, 7-20=-323/347, 6-20=-323/347
WEBS 4-7=-310/241

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 6-3-8, Exterior(2R) 6-3-8 to 9-3-8, Interior(1) 9-3-8 to 12-3-0 zone; end vertical left exposed; 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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 6 and 135 lb uplift at joint 2.

LOAD CASE(S) Standard



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Date:

March 22,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - WARD RES.
2623537	T21G	GABLE	1	1	T23263049
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

Run: 8.420 s Nov 10 2020 Print: 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Mar 19 23:01:50 2021 Page 1
ID:r0zmu6gKG8W1sHAjNyRxE?yUEZe-sY4bl0YTE3VzeVBy_SzWV8jNn89_0WUj3UgplCzZEjV

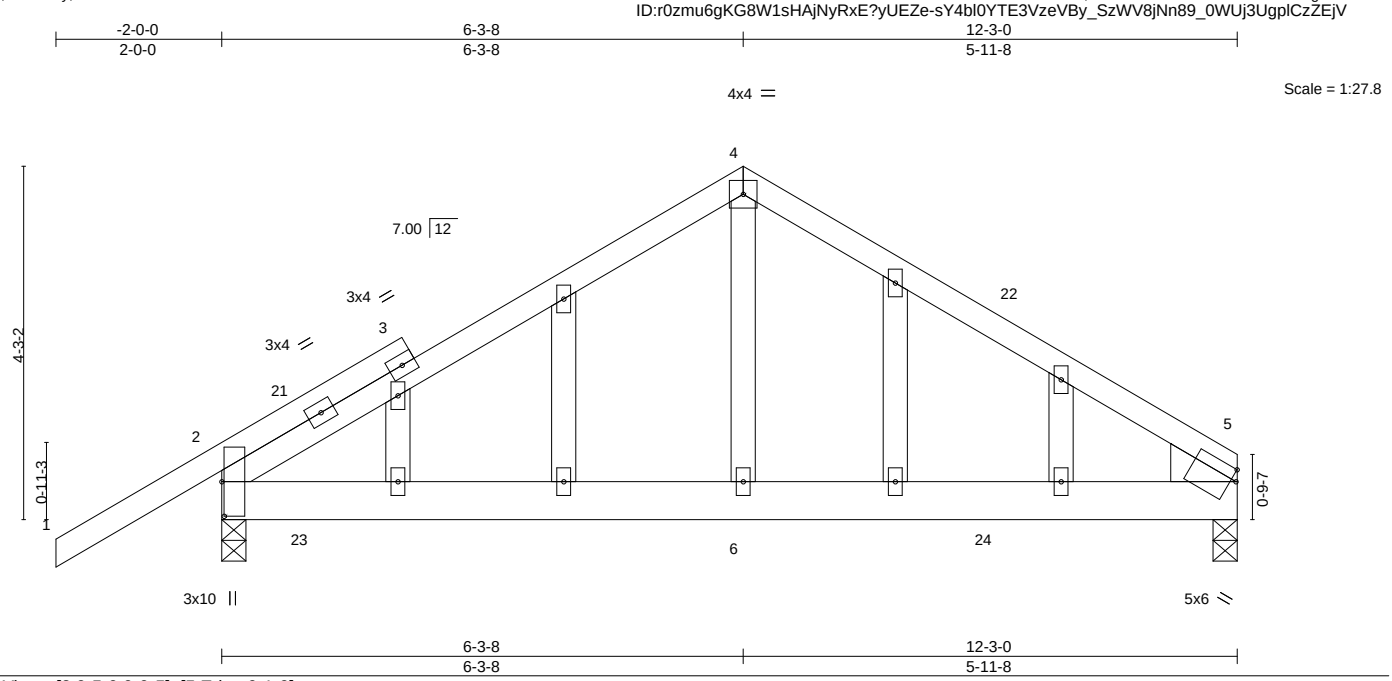


Plate Offsets (X,Y)-- [2:0-5-0,0-0-5], [5:Edge,0-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	0.03	6-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.17	Vert(CT)	-0.03	6-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 75 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
WEDGE
Right: 2x6 SP No.2

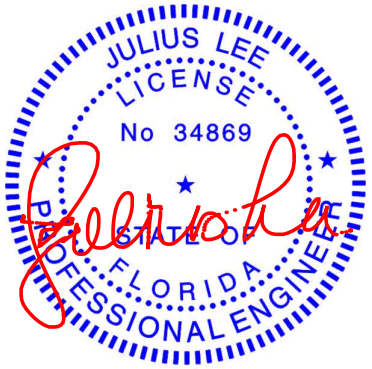
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=570/0-3-8, 5=444/0-3-8
Max Horz 2=97(LC 11)
Max Uplift 2=-138(LC 12), 5=-88(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-515/622, 3-21=-501/623, 3-4=-452/655, 4-22=-452/656, 5-22=-540/643
BOT CHORD 2-23=-439/391, 6-23=-439/391, 6-24=-439/391, 5-24=-439/391
WEBS 4-6=-431/265

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Corner(3E) -2-0-0 to 1-0-0, Exterior(2N) 1-0-0 to 6-3-8, Corner(3R) 6-3-8 to 9-3-8, Exterior(2N) 9-3-8 to 12-3-0 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) 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 138 lb uplift at joint 2 and 88 lb uplift at joint 5.

LOAD CASE(S) Standard



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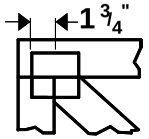
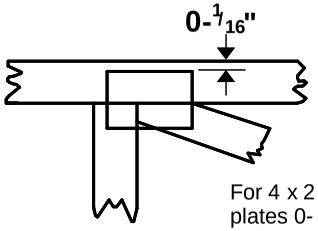
Symbols

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.

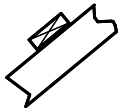
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

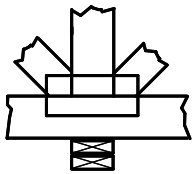
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

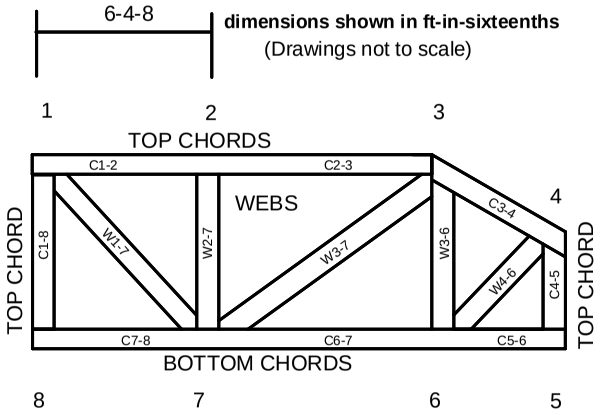


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.