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

RE: 2544205 - IC CONST. - MCNUTT RES.

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

Site Information:

Customer Info: IC CONST. Project Name: McNutt Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: 952 SW Mandiva, N/A
City: Columbia Cty State: FL

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

Name: License #:
Address:
City: State:

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

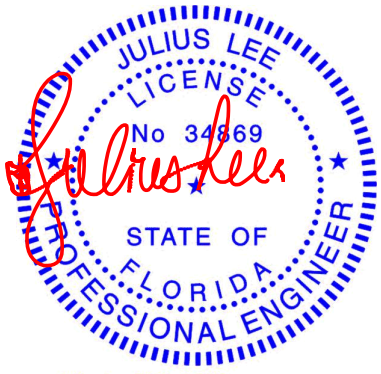
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 49 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T21943132	CJ01	11/19/20	23	T21943154	T07	11/19/20
2	T21943133	CJ02	11/19/20	24	T21943155	T08	11/19/20
3	T21943134	CJ03	11/19/20	25	T21943156	T09	11/19/20
4	T21943135	CJ03A	11/19/20	26	T21943157	T10	11/19/20
5	T21943136	CJ04	11/19/20	27	T21943158	T11	11/19/20
6	T21943137	CJ05	11/19/20	28	T21943159	T12	11/19/20
7	T21943138	CJ05A	11/19/20	29	T21943160	T13	11/19/20
8	T21943139	CJ06	11/19/20	30	T21943161	T13G	11/19/20
9	T21943140	EJ01	11/19/20	31	T21943162	T14	11/19/20
10	T21943141	EJ02	11/19/20	32	T21943163	T15	11/19/20
11	T21943142	EJ03	11/19/20	33	T21943164	T16	11/19/20
12	T21943143	HJ09	11/19/20	34	T21943165	T17	11/19/20
13	T21943144	HJ10	11/19/20	35	T21943166	T17G	11/19/20
14	T21943145	PB01	11/19/20	36	T21943167	T18	11/19/20
15	T21943146	PB01G	11/19/20	37	T21943168	T19	11/19/20
16	T21943147	T01	11/19/20	38	T21943169	T20	11/19/20
17	T21943148	T01G	11/19/20	39	T21943170	T21	11/19/20
18	T21943149	T02	11/19/20	40	T21943171	T22	11/19/20
19	T21943150	T03	11/19/20	41	T21943172	T23	11/19/20
20	T21943151	T04	11/19/20	42	T21943173	T24	11/19/20
21	T21943152	T05G	11/19/20	43	T21943174	T25	11/19/20
22	T21943153	T06G	11/19/20	44	T21943175	T26	11/19/20

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, 2021.



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Date: November 19,2020

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

RE: 2544205 - IC CONST. - MCNUTT RES.

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

Site Information:

Customer Info: IC CONST. Project Name: McNutt Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: 952 SW Mandiva, N/A
City: Columbia Cty State: FL

No.	Seal#	Truss Name	Date
45	T21943176	T27	11/19/20
46	T21943177	T28	11/19/20
47	T21943178	T29	11/19/20
48	T21943179	T30	11/19/20
49	T21943180	T30G	11/19/20

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	CJ01	JACK-OPEN	4	1	T21943132
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:22 2020 Page 1
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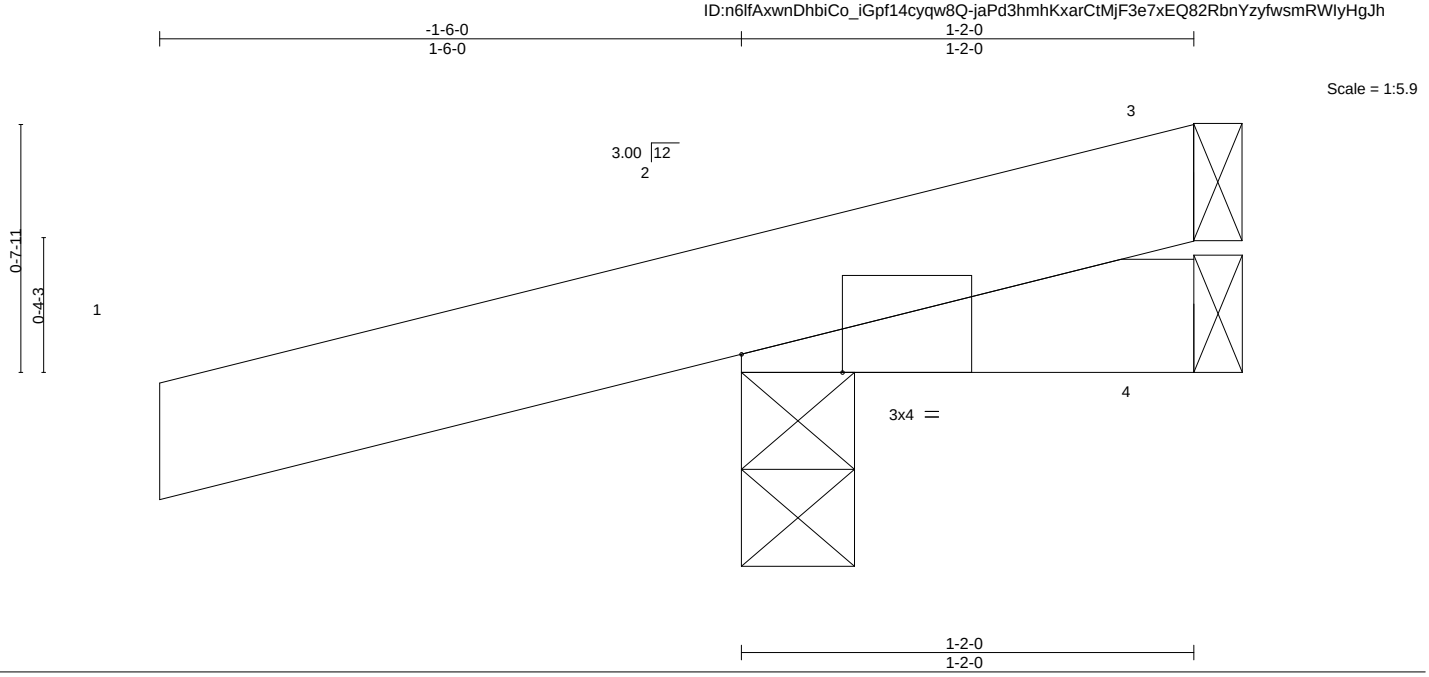


Plate Offsets (X,Y)-- [2:0-3-2,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	0.00	5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.02	Vert(CT)	-0.00	5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 6 lb	FT = 20%

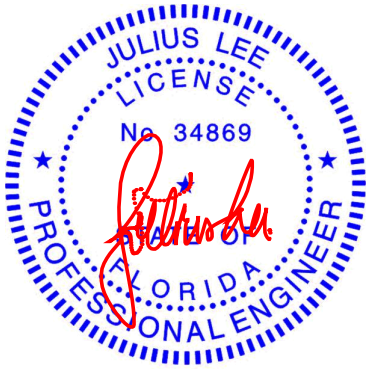
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 4=Mechanical
Max Horz 2=38(LC 8)
Max Uplift 2=-173(LC 8), 4=-16(LC 1)
Max Grav 2=176(LC 1), 4=25(LC 16)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=173.



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Date:
November 19,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	CJ02	Jack-Open	1	1	T21943133
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:23 2020 Page 1
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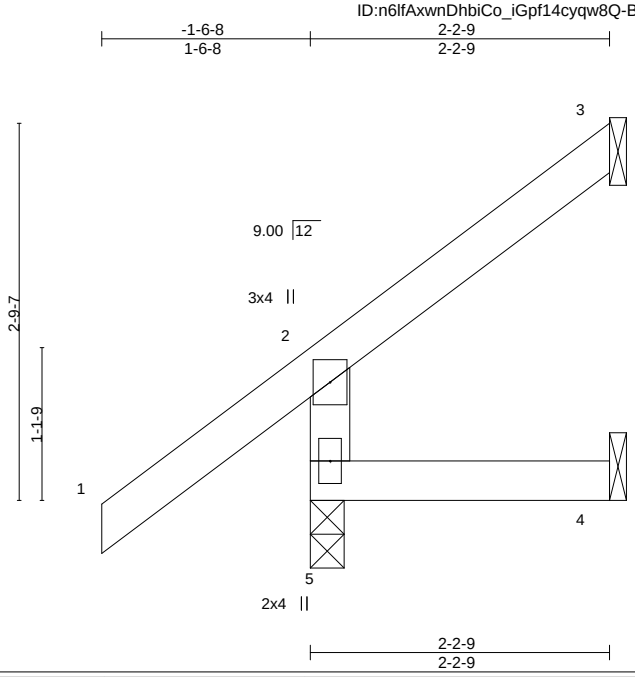


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.34	Vert(LL)	-0.00	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	-0.00	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MR							Weight: 12 lb	FT = 20%

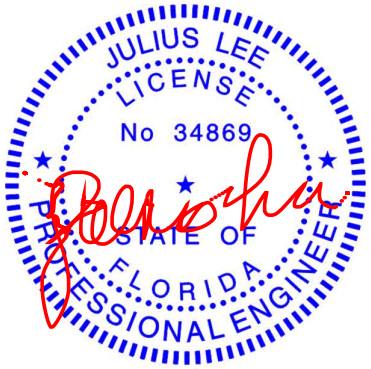
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-3-0, 3=Mechanical, 4=Mechanical
Max Horz 5=111(LC 12)
Max Uplift 5=-50(LC 12), 3=-60(LC 12), 4=-15(LC 12)
Max Grav 5=204(LC 1), 3=43(LC 19), 4=35(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 3, 4.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	CJ03	Jack-Open	4	1	T21943134
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:24 2020 Page 1
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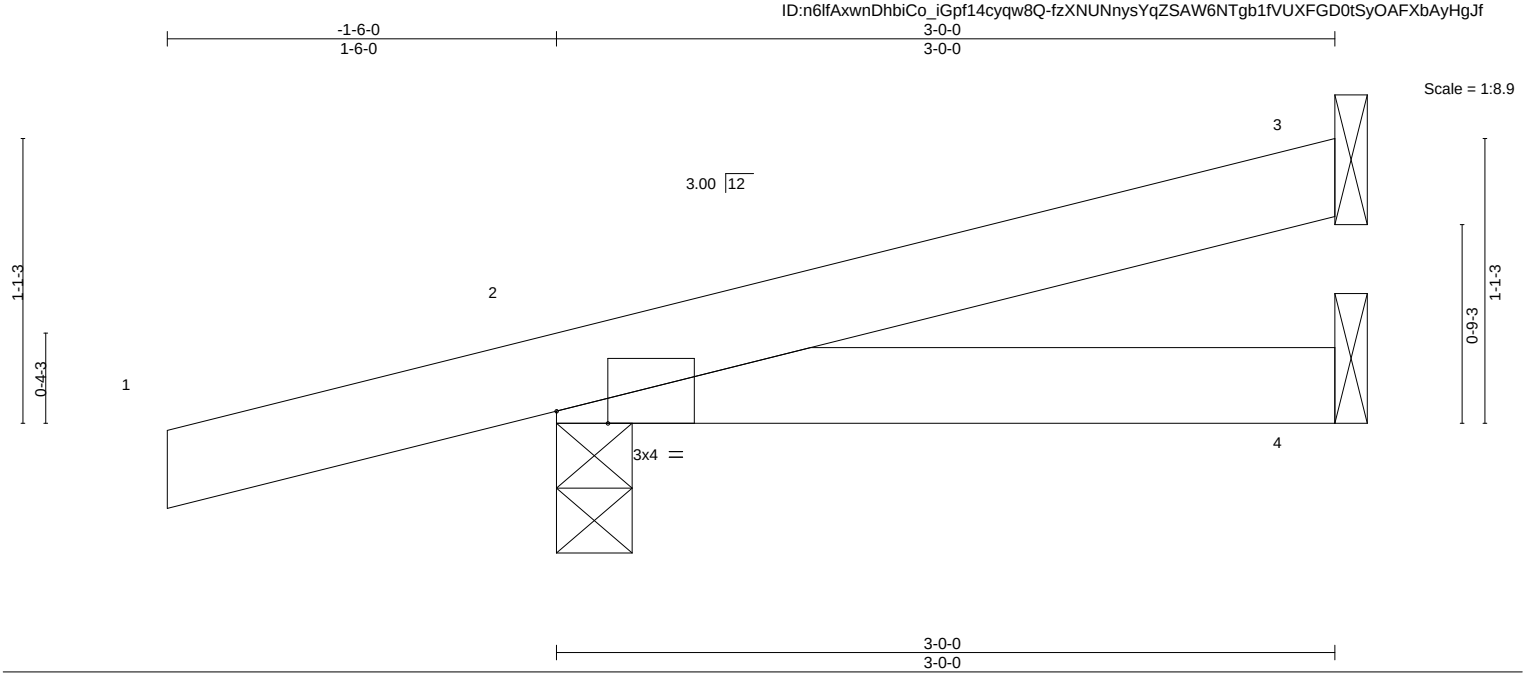


Plate Offsets (X,Y)-- [2:0-2-6,Edge]

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	0.14	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 11 lb	FT = 20%

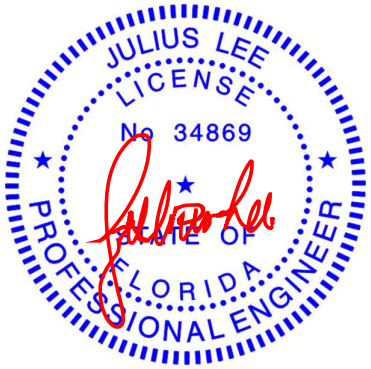
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=60(LC 8)
Max Uplift 3=-43(LC 8), 2=-187(LC 8), 4=-25(LC 9)
Max Grav 3=57(LC 1), 2=210(LC 1), 4=47(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=187.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943135
2544205	CJ03A	Jack-Open	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:24 2020 Page 1
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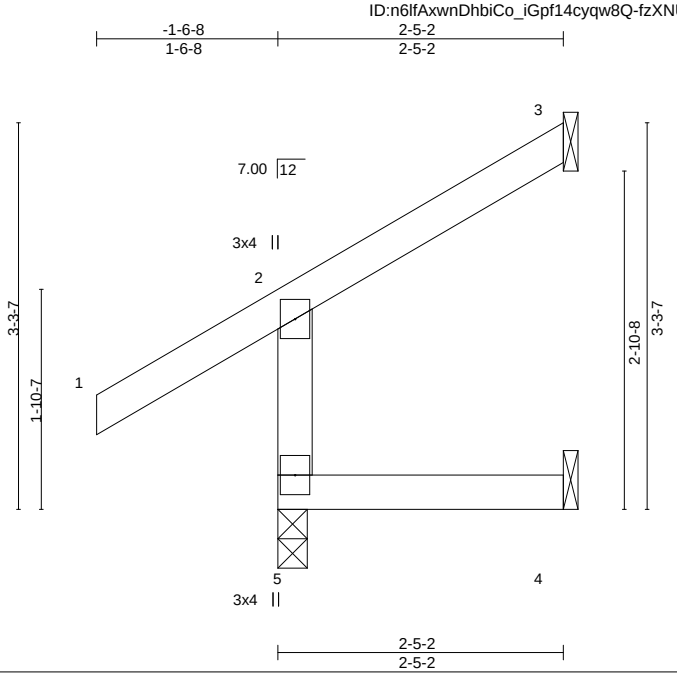


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.38	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	-0.01	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.03	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MR							Weight: 13 lb	FT = 20%

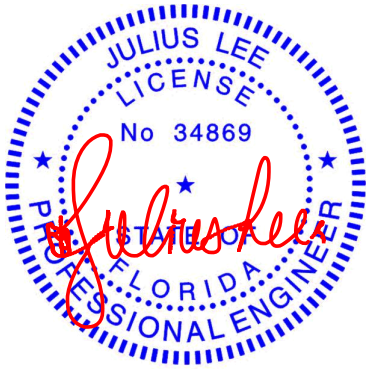
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 5=0-3-0, 3=Mechanical, 4=Mechanical
Max Horz 5=98(LC 9)
Max Uplift 5=-39(LC 12), 3=-69(LC 12), 4=-24(LC 12)
Max Grav 5=208(LC 1), 3=54(LC 19), 4=44(LC 10)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 3, 4.



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November 19,2020

MiTek
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	CJ04	Jack-Open	1	1	T21943136
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:25 2020 Page 1
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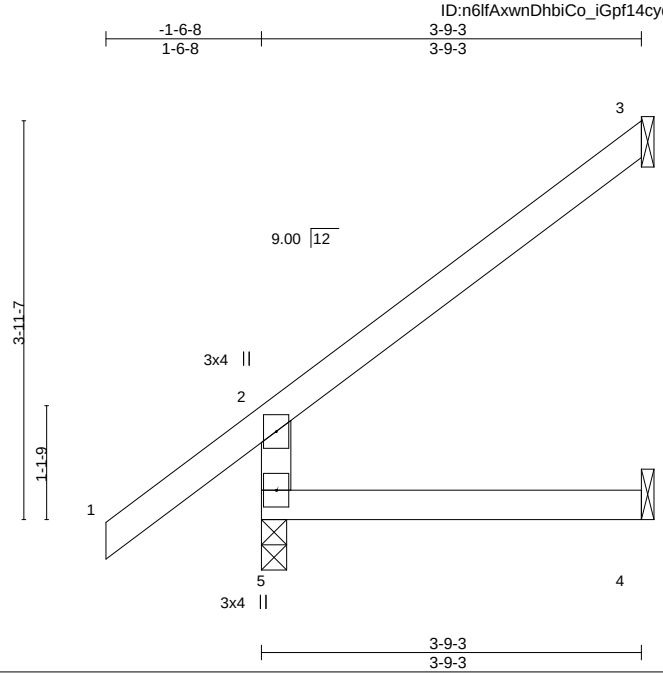


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.36	Vert(LL)	0.02	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.02	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.03	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MR							Weight: 17 lb	FT = 20%

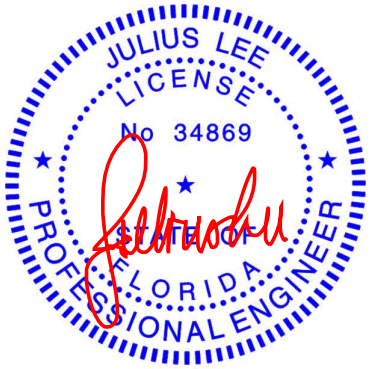
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 5=0-3-0, 3=Mechanical, 4=Mechanical
Max Horz 5=167(LC 12)
Max Uplift 5=-46(LC 12), 3=-114(LC 12), 4=-17(LC 12)
Max Grav 5=244(LC 1), 3=99(LC 19), 4=66(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 4 except (jt=lb) 3=114.



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November 19,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	CJ05	Jack-Open	4	1	T21943137
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:26 2020 Page 1
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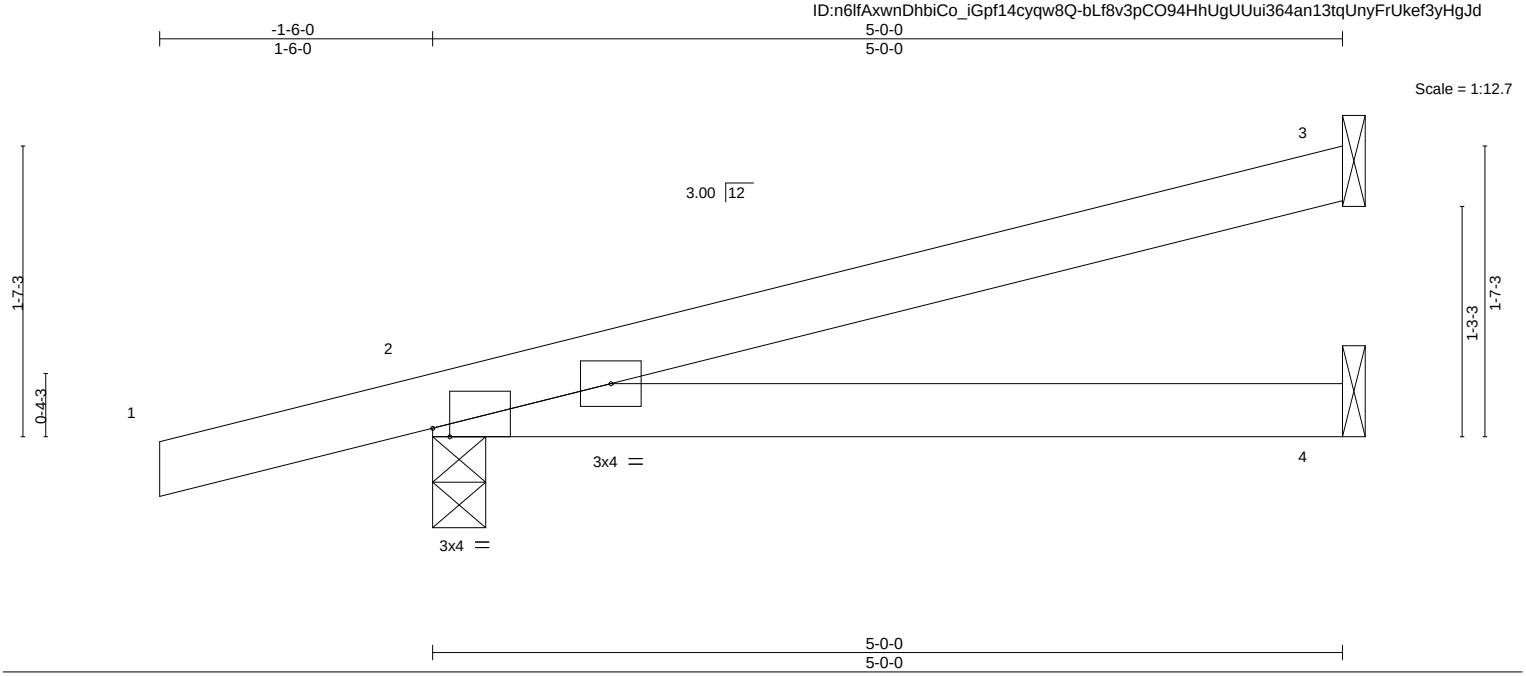

Plate Offsets (X,Y)-- [2:0-1-2,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	0.08	4-7	>751	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	0.07	4-7	>870	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 18 lb	FT = 20%

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

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=84(LC 8)
Max Uplift 3=-88(LC 8), 2=-232(LC 8), 4=-49(LC 8)
Max Grav 3=110(LC 1), 2=276(LC 1), 4=85(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=232.

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	CJ05A	Jack-Open	1	1	T21943138
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:27 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-3YDW6Oqq9TC8JeFh2cDIeI7spSBnDECO48TCBVyHgJc

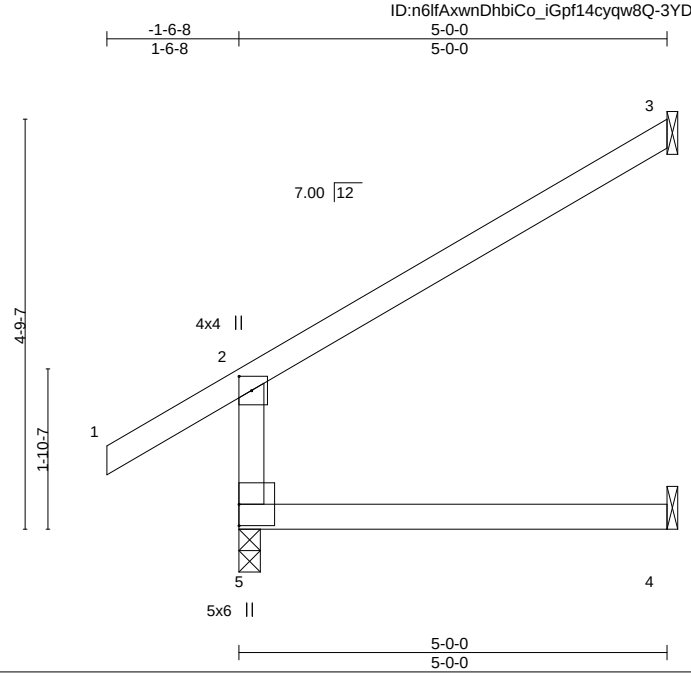


Plate Offsets (X,Y)-- [2:0-2-0,0-1-12]

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	0.72	Vert(LL)	0.06	4-5	>956	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.08	4-5	>765	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.14	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MR							Weight: 21 lb	FT = 20%

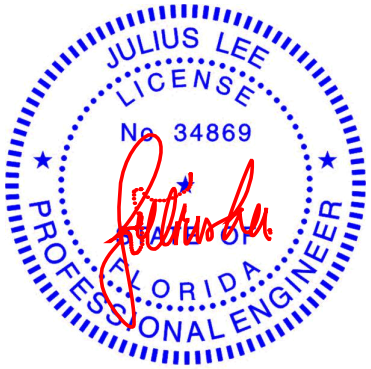
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 5=0-3-0, 3=Mechanical, 4=Mechanical
Max Horz 5=150(LC 12)
Max Uplift 5=-57(LC 12), 3=-141(LC 12), 4=-23(LC 12)
Max Grav 5=284(LC 1), 3=138(LC 19), 4=90(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 4 except (jt=lb) 3=141.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943139
2544205	CJ06	Jack-Open	1	1	Job Reference (optional)

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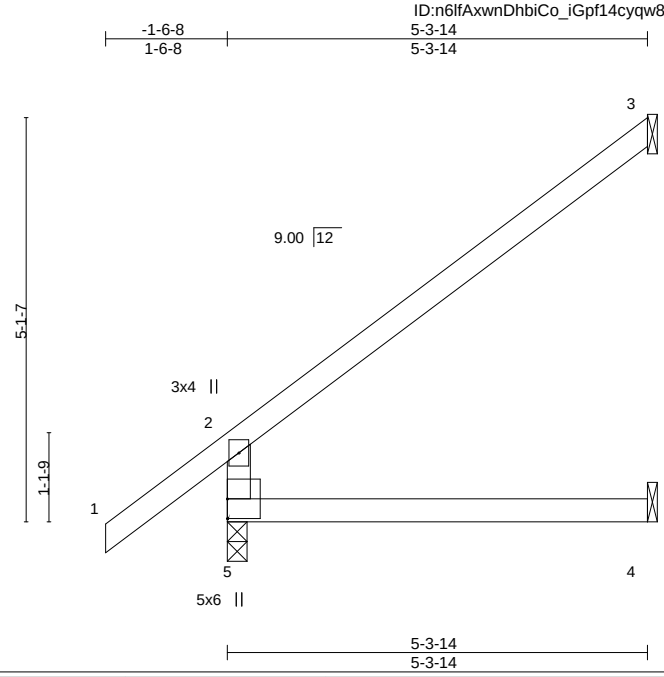


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	0.07	4-5	>865	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.08	4-5	>729	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.08	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MR							Weight: 22 lb	FT = 20%

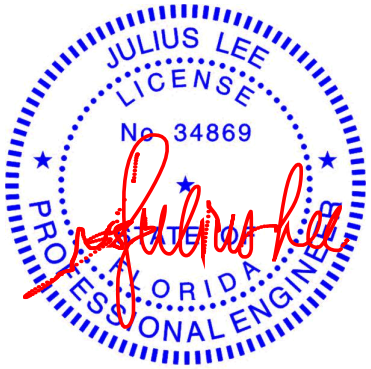
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-3-0, 3=Mechanical, 4=Mechanical
Max Horz 5=224(LC 12)
Max Uplift 5=-48(LC 12), 3=-162(LC 12), 4=-21(LC 12)
Max Grav 5=295(LC 1), 3=148(LC 19), 4=95(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 4 except (jt=lb) 3=162.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943140
2544205	EJ01	Jack-Partial	11	1	Job Reference (optional)

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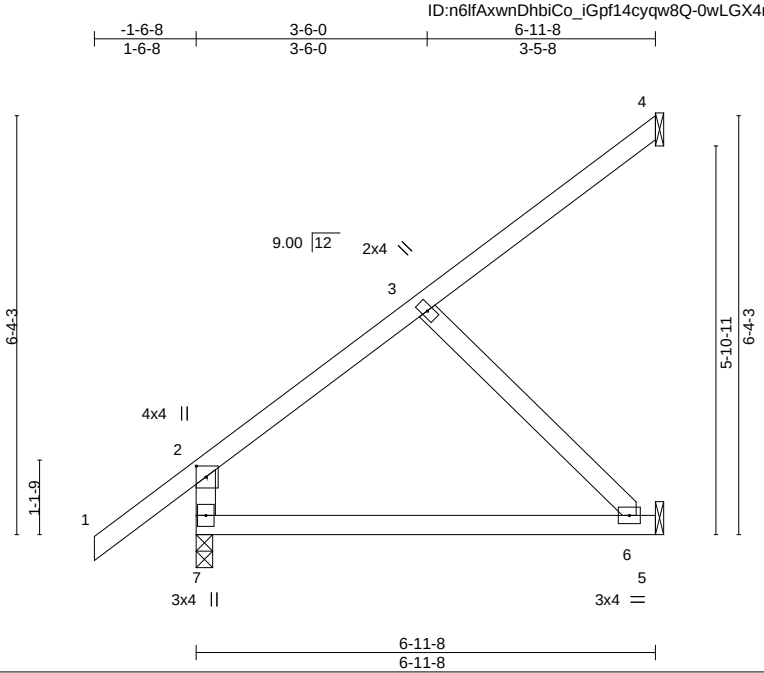


Plate Offsets (X,Y)-- [2:0-2-0,0-1-12]

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	0.38	Vert(LL)	-0.10	6-7	>824	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.20	6-7	>415	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.02	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 34 lb	FT = 20%

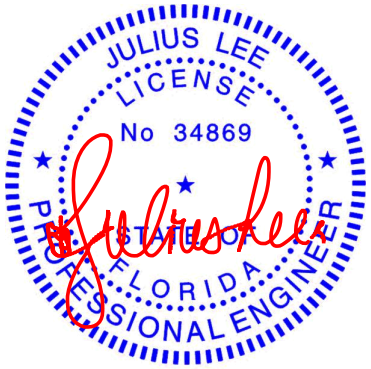
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 7=0-3-0, 4=Mechanical, 5=Mechanical
Max Horz 7=284(LC 12)
Max Uplift 7=-52(LC 12), 4=-89(LC 12), 5=-147(LC 12)
Max Grav 7=352(LC 1), 4=93(LC 19), 5=192(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-270/138
WEBS 3-6=-287/260

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 4 except (jt=lb) 5=147.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	EJ02	Jack-Partial	2	1	T21943141

Job Reference (optional)

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ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-0wLGX4r4h4SsYyP3A1GmkjCCAGpbh8hhXSyIGOyHgJa

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1-6-0 7-0-0

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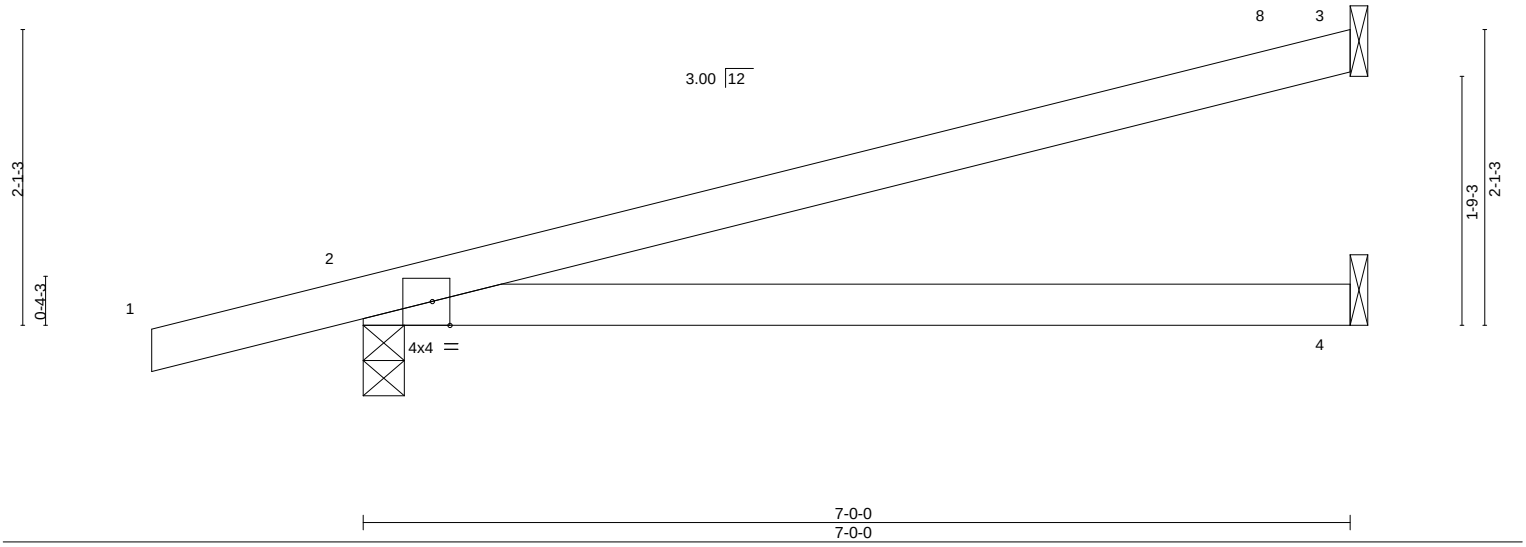

7-0-0
7-0-0

Plate Offsets (X,Y)-- [2:0-1-8,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	0.73	Vert(LL)	0.32	4-7	>262	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.72	Vert(CT)	0.27	4-7	>305	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 24 lb	FT = 20%

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

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=109(LC 8)
Max Uplift 3=-129(LC 8), 2=-282(LC 8), 4=-71(LC 8)
Max Grav 3=162(LC 1), 2=346(LC 1), 4=122(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 3=129, 2=282.

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	EJ03	Jack-Open	8	1	T21943142
					Job Reference (optional)

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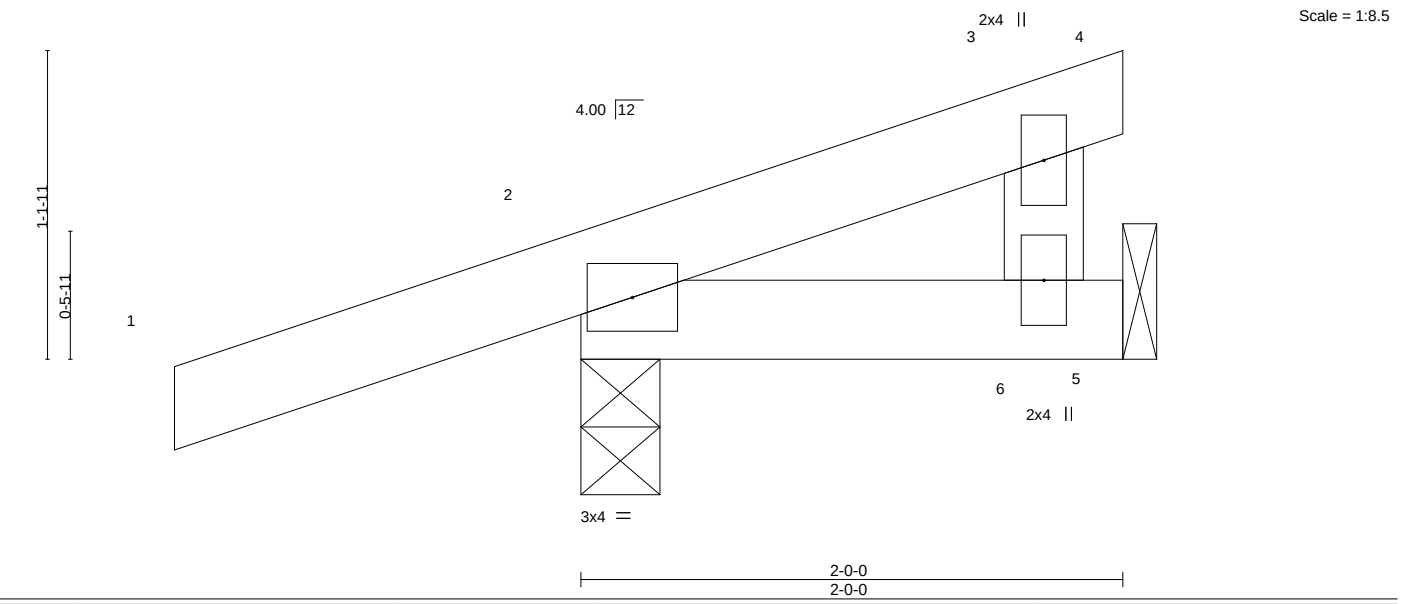


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	-0.00	9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.00	9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 9 lb	FT = 20%

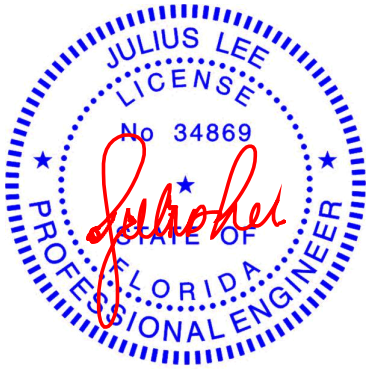
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 5=Mechanical
Max Horz 2=64(LC 8)
Max Uplift 2=-144(LC 8), 5=-21(LC 12)
Max Grav 2=184(LC 1), 5=46(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 2=144.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	HJ09	Diagonal Hip Girder	1	1	T21943143
					Job Reference (optional)

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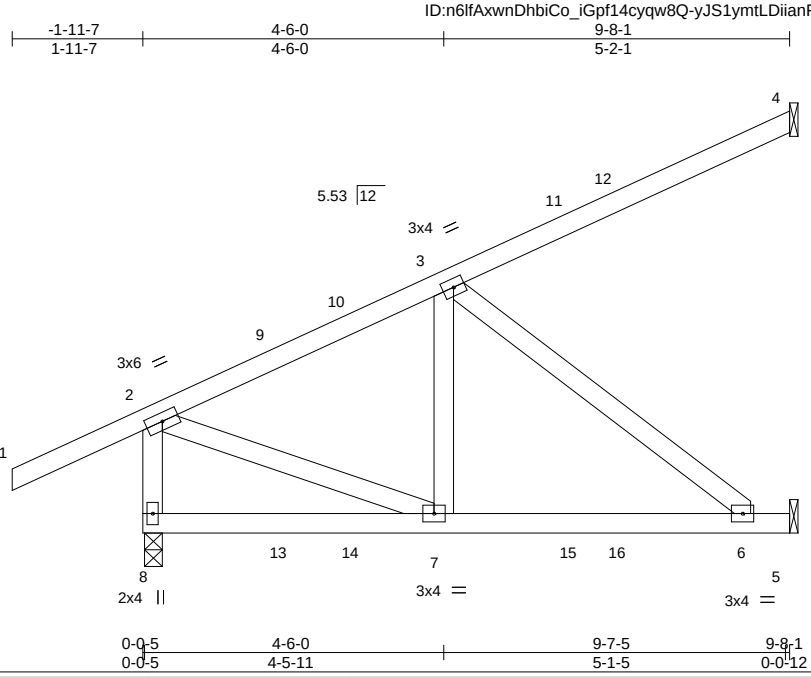


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	0.10	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.58	Vert(CT)	-0.12	6-7	>939	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.34	Horz(CT)	-0.01	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 55 lb	FT = 20%

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

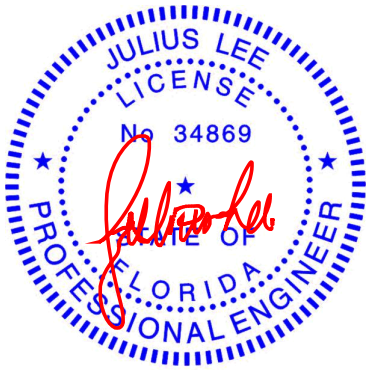
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 8=0-3-3, 4=Mechanical, 5=Mechanical
Max Horz 8=225(LC 8)
Max Uplift 8=-320(LC 4), 4=-237(LC 8), 5=-300(LC 8)
Max Grav 8=542(LC 32), 4=192(LC 1), 5=347(LC 29)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-518/329, 2-3=-557/328
BOT CHORD 6-7=-425/406
WEBS 2-7=-297/510, 3-6=-518/541

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=320, 4=237, 5=300.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 101 lb down and 55 lb up at 2-1-3, 124 lb down and 62 lb up at 3-2-2, 127 lb down and 117 lb up at 4-7-10, 162 lb down and 147 lb up at 6-5-4, and 156 lb down and 171 lb up at 7-2-0, and 79 lb down and 93 lb up at 9-7-5 on top chord, and 23 lb down and 19 lb up at 2-1-3, 34 lb down and 29 lb up at 3-2-2, 40 lb down and 27 lb up at 4-7-10, and 56 lb down and 37 lb up at 6-5-4, and 58 lb down and 36 lb up at 7-2-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 4=-50(B) 7=-8(B) 3=-8(B) 11=-23(F) 12=-51(B) 13=5(B) 14=3(F) 15=-17(F) 16=-30(B)



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November 19,2020

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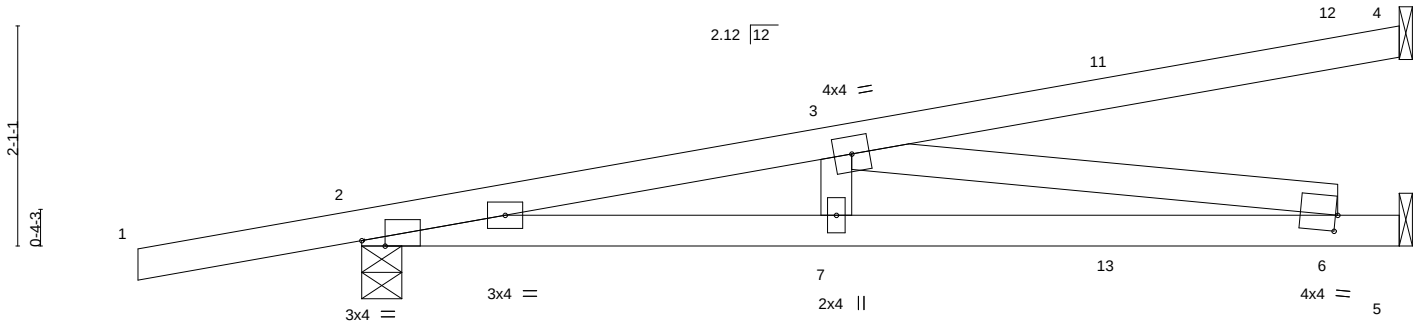
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	HJ10	Diagonal Hip Girder	2	1	T21943144
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:32 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-QV0P96uz_?qRPP7er9pTLLqkrTpXuK_7DQBytjyHgJX

-2-1-7 / 2-1-7 | 4-6-0 / 4-6-0 | 9-10-1 / 5-4-1

Scale = 1:21.8



4-6-0 / 4-6-0 | 9-10-1 / 5-4-1

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	0.20	6-7	>596	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.19	6-7	>615	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.67	Horz(CT)	0.02	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 41 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-1-2 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-9, 5=Mechanical
Max Horz 2=107(LC 4)
Max Uplift 4=-122(LC 8), 2=-448(LC 4), 5=-240(LC 4)
Max Grav 4=158(LC 1), 2=531(LC 1), 5=294(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1388/1042
BOT CHORD 2-7=-1085/1357, 6-7=-1085/1357
WEBS 3-7=-145/276, 3-6=-1378/1103

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=122, 2=448, 5=240.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 26 lb down and 47 lb up at 4-4-0, 26 lb down and 47 lb up at 4-4-0, and 48 lb down and 98 lb up at 7-1-15, and 48 lb down and 98 lb up at 7-1-15 on top chord , and 62 lb down and 22 lb up at 1-6-1, 62 lb down and 22 lb up at 1-6-1, 19 lb down and 36 lb up at 4-4-0, 19 lb down and 36 lb up at 4-4-0, and 40 lb down and 67 lb up at 7-1-15, and 40 lb down and 67 lb up at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 3=-0(F=-0, B=-0) 7=-13(F=-7, B=-7) 11=-68(F=-34, B=-34) 13=-63(F=-32, B=-32)

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943145
2544205	PB01	Piggyback	17	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:33 2020 Page 1
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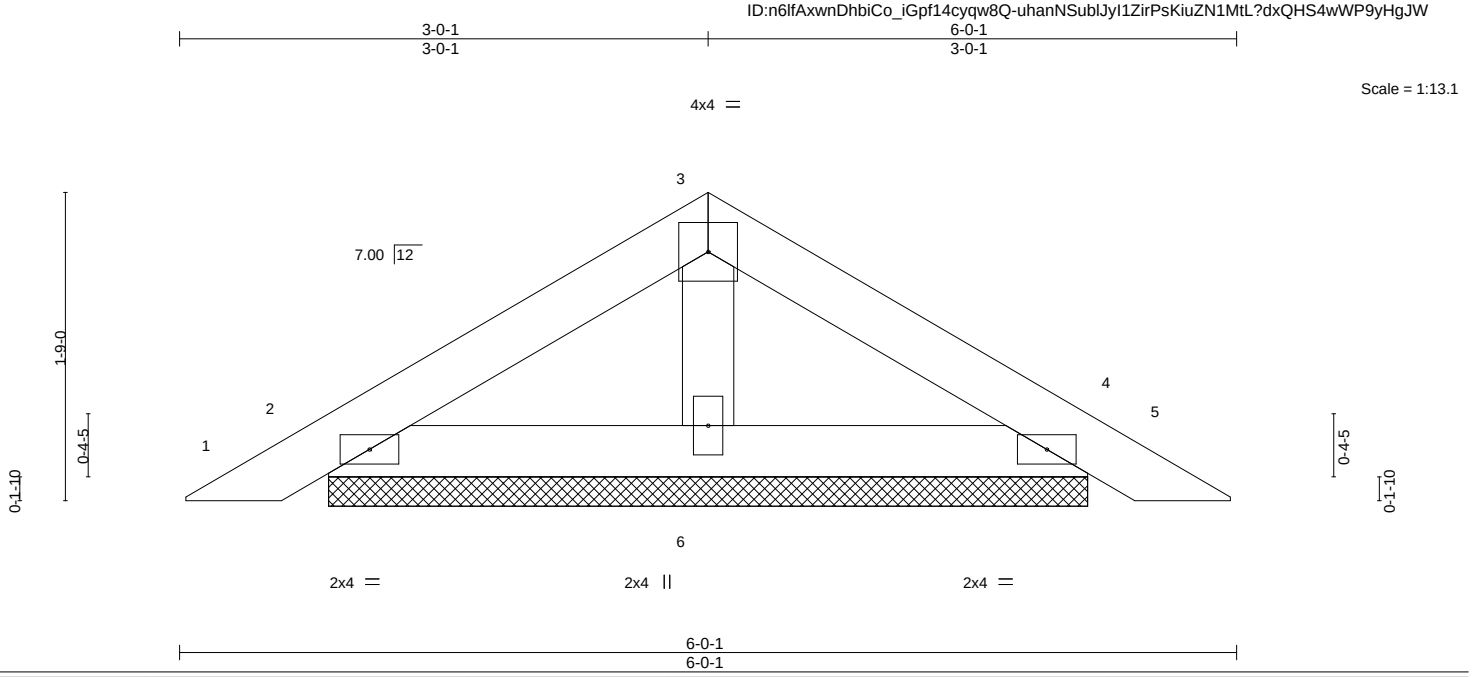


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.07	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	0.00	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 18 lb	FT = 20%

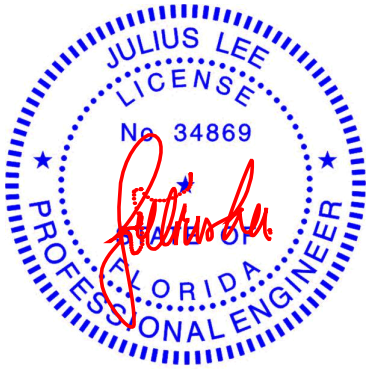
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 2=4-3-12, 4=4-3-12, 6=4-3-12
Max Horz 2=-49(LC 10)
Max Uplift 2=-63(LC 12), 4=-69(LC 13), 6=-29(LC 12)
Max Grav 2=115(LC 1), 4=115(LC 20), 6=147(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 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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) 2, 4, 6.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	PB01G	PIGGYBACK	2	1	T21943146

Job Reference (optional)

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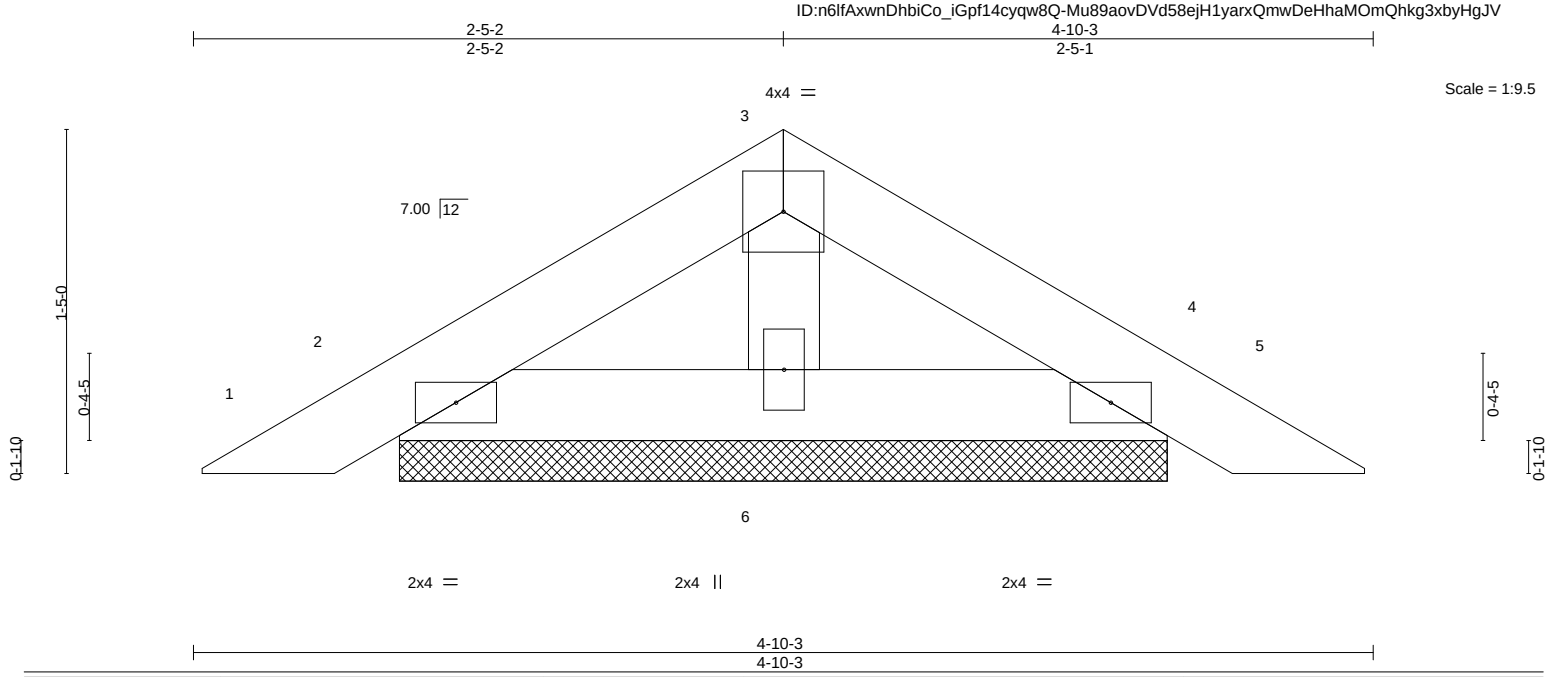


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.04	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 14 lb	FT = 20%

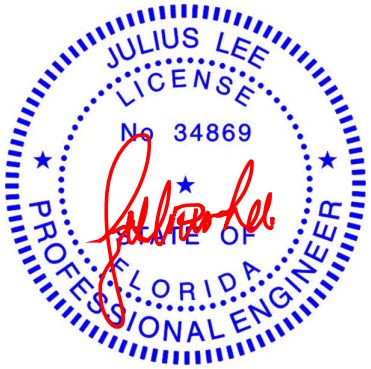
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 2=3-1-14, 4=3-1-14, 6=3-1-14
Max Horz 2=-38(LC 10)
Max Uplift 2=-53(LC 12), 4=-58(LC 13), 6=-18(LC 12)
Max Grav 2=94(LC 1), 4=94(LC 20), 6=104(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 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
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) 2, 4, 6.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T01	Common	1	1	T21943147
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:35 2020 Page 1
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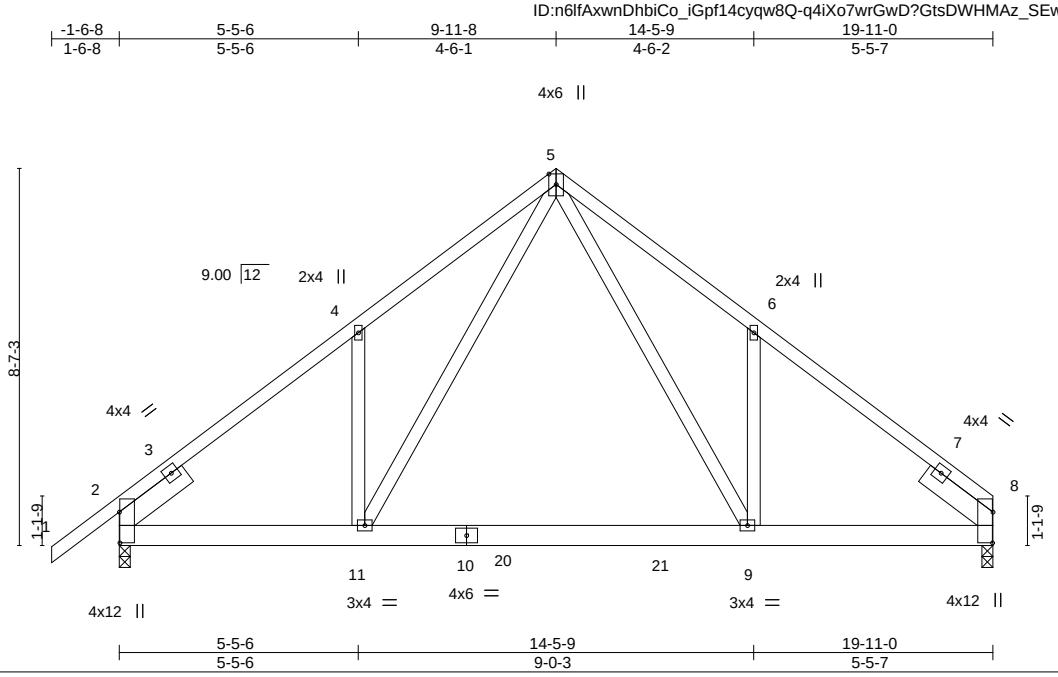


Plate Offsets (X,Y)-- [2:0-8-7,0-0-2], [8:0-8-7,0-0-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	-0.18	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.34	9-11	>709	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.82	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 136 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

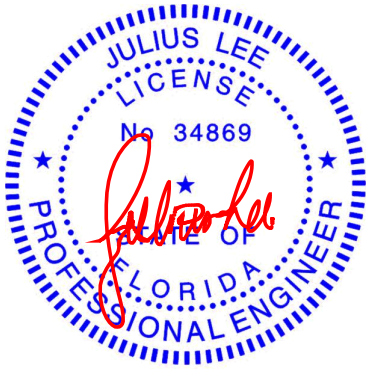
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 8=0-3-0, 2=0-3-0
Max Horz 2=256(LC 11)
Max Uplift 8=-378(LC 13), 2=-432(LC 12)
Max Grav 8=1023(LC 20), 2=1108(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1362/578, 4-5=-1434/776, 5-6=-1431/781, 6-8=-1372/582
BOT CHORD 2-11=-436/1167, 9-11=-198/747, 8-9=-346/1046
WEBS 5-9=-503/889, 6-9=-297/324, 5-11=-493/871, 4-11=-298/322

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=378, 2=432.
6) 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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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T01G	GABLE	1	1	T21943148
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:37 2020 Page 1
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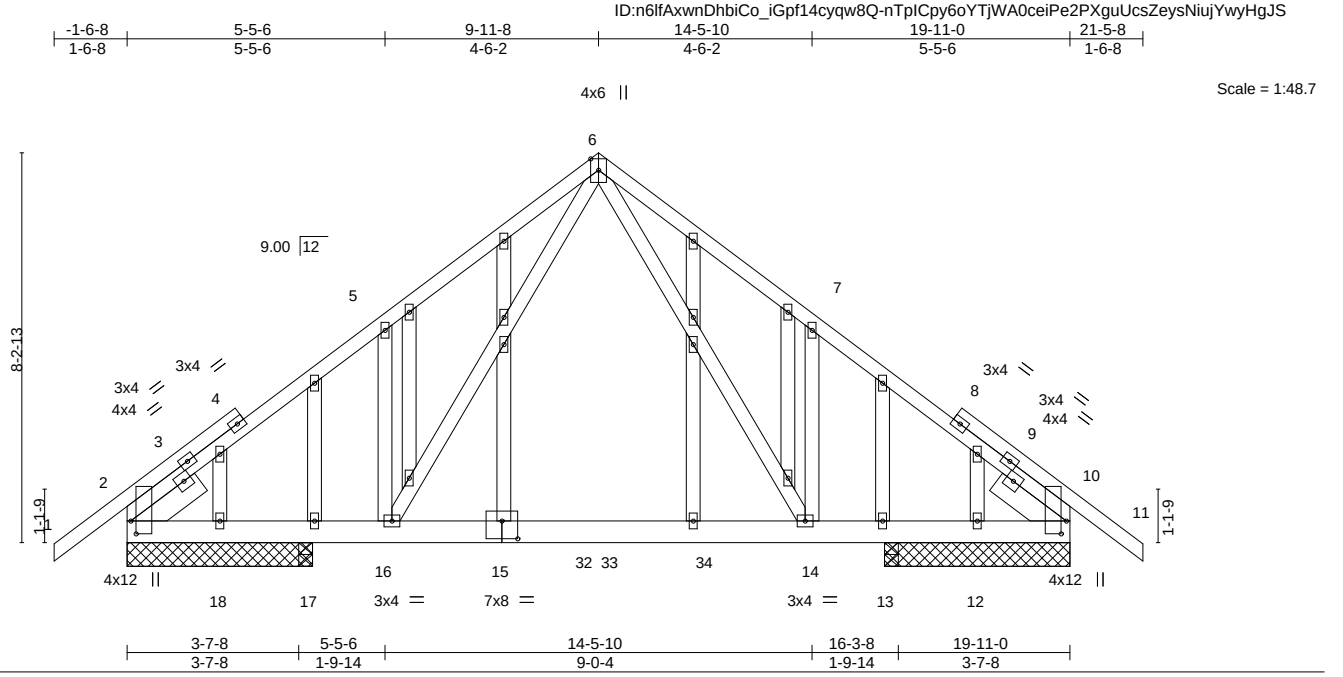


Plate Offsets (X,Y)-- [2:0-3-4,0-1-5], [10:0-3-4,0-1-5], [15:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.29	Vert(LL)	-0.08	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.15	14-16	>945	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.49	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 187 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
SLIDER Left 2x6 SP No.2 1-8-3, Right 2x6 SP No.2 1-8-3

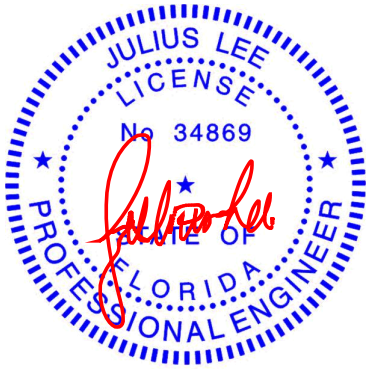
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 3-11-0 except (jt=length) 17=0-3-8, 17=0-3-8, 13=0-3-8, 13=0-3-8.
(lb) - Max Horz 2=-257(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-276(LC 8), 10=-247(LC 9), 18=-219(LC 36), 12=-247(LC 33), 17=-182(LC 8), 13=-166(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 18, 12 except 2=799(LC 33), 10=777(LC 2), 17=294(LC 1), 17=294(LC 1), 13=294(LC 1), 13=294(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-851/335, 5-6=-818/488, 6-7=-839/505, 7-10=-838/320
BOT CHORD 2-18=-215/717, 17-18=-234/713, 16-17=-234/713, 14-16=-111/480, 13-14=-161/634, 12-13=-161/634, 10-12=-152/650
WEBS 6-14=-324/485, 7-14=-292/326, 6-16=-312/467, 5-16=-291/325

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; 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) All plates are 2x4 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 276 lb uplift at joint 2, 247 lb uplift at joint 10, 219 lb uplift at joint 18, 247 lb uplift at joint 12, 182 lb uplift at joint 17 and 166 lb uplift at joint 13.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 20 lb down and 31 lb up at 3-8-4, 20 lb down and 31 lb up at 5-8-4, 20 lb down and 31 lb up at 7-8-4, 20 lb down and 31 lb up at 9-8-4, 20 lb down and 31 lb up at 10-2-12, 20 lb down and 31 lb up at 12-2-12, and 20 lb down and 31 lb up at 14-2-12, and 20 lb down and 31 lb up at 16-2-12 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



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Continued on page 2

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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-6=-54, 6-11=-54, 2-10=-20
   Concentrated Loads (lb)
   Vert: 14=-13(B) 16=-13(B) 15=-13(B) 17=-13(B) 13=-13(B) 32=-13(B) 33=-13(B) 34=-13(B)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943149
2544205	T02	Roof Special	9	1	Job Reference (optional)

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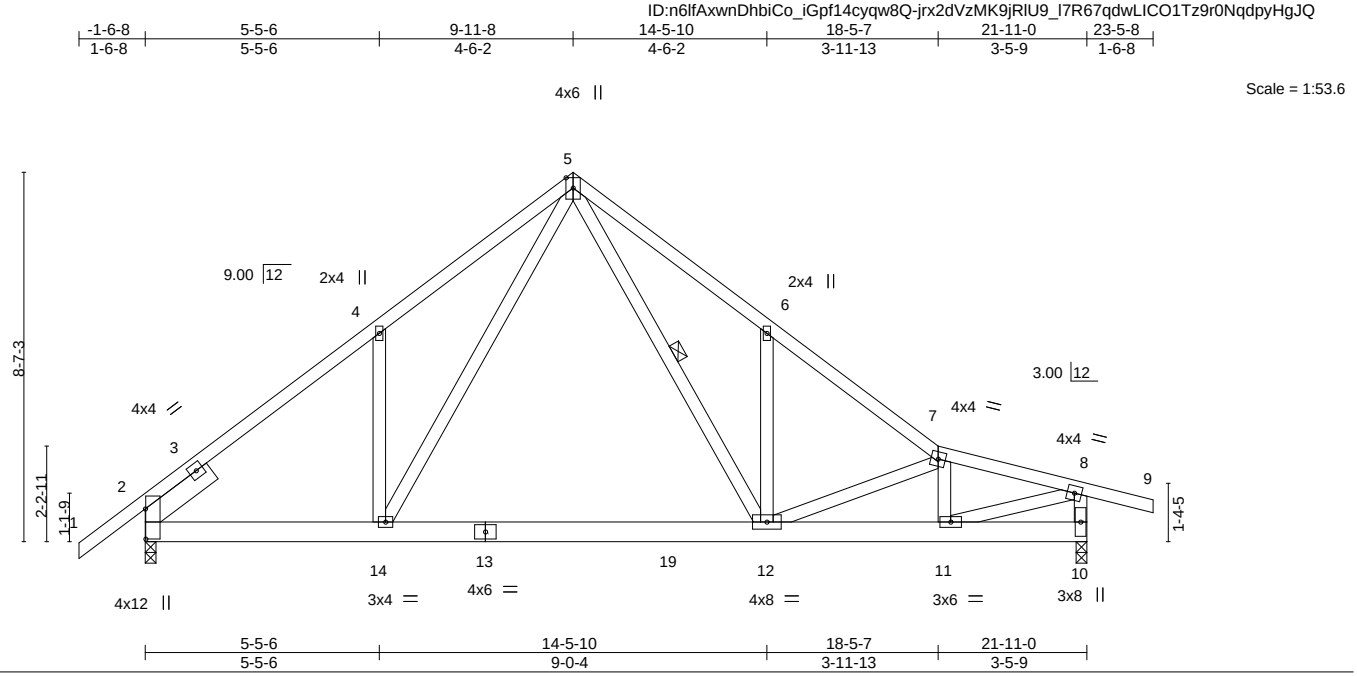


Plate Offsets (X,Y)-- [2:0-8-7,0-0-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.68	Vert(LL)	-0.16	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.32	12-14	>814	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.78	Horz(CT)	-0.02	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 155 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8

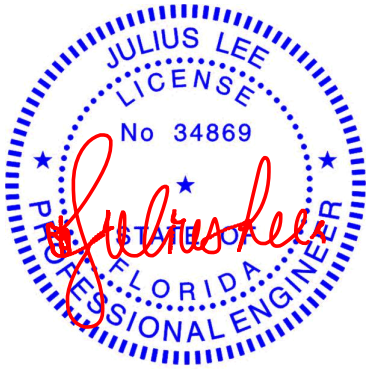
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 8-9-0 oc bracing: 11-12.
WEBS 1 Row at midpt 5-12

REACTIONS. (size) 2=0-3-0, 10=0-3-0
Max Horz 2=-266(LC 10)
Max Uplift 2=-462(LC 12), 10=-466(LC 13)
Max Grav 2=1208(LC 19), 10=1145(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1489/677, 4-5=-1543/871, 5-6=-1807/996, 6-7=-1724/791, 7-8=-1558/744, 8-10=-1024/602
BOT CHORD 2-14=-442/1285, 12-14=-212/886, 11-12=-674/1534
WEBS 4-14=-296/321, 5-14=-478/826, 5-12=-644/1258, 6-12=-354/329, 7-12=-294/214, 7-11=-680/327, 8-11=-673/1464

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 462 lb uplift at joint 2 and 466 lb uplift at joint 10.
6) 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, 5-7=-54, 7-8=-54, 8-9=-54, 14-15=-20, 12-14=-80(F=-60), 10-12=-20



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943150
2544205	T03	Common	7	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:40 2020 Page 1
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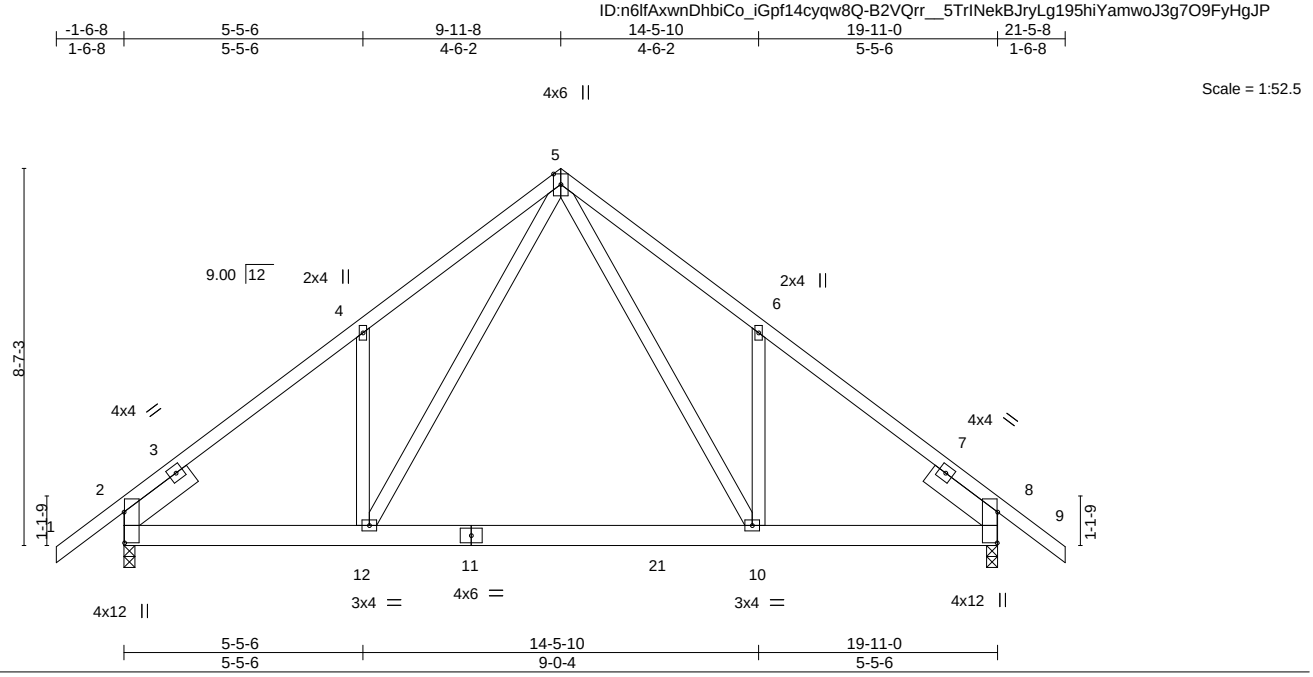


Plate Offsets (X,Y)-- [2:0-8-7,0-0-2], [8:0-8-7,0-0-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	-0.17	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.33	10-12	>716	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.81	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 139 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

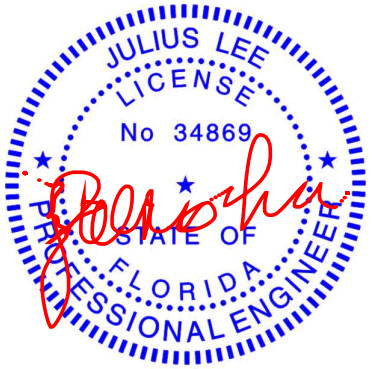
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-0, 8=0-3-0
Max Horz 2=269(LC 11)
Max Uplift 2=-431(LC 12), 8=-431(LC 13)
Max Grav 2=1098(LC 19), 8=1099(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1344/574, 4-5=-1432/772, 5-6=-1432/772, 6-8=-1347/574
BOT CHORD 2-12=-412/1172, 10-12=-174/756, 8-10=-298/1047
WEBS 5-10=-494/866, 6-10=-298/322, 5-12=-494/862, 4-12=-298/322

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 431 lb uplift at joint 2 and 431 lb uplift at joint 8.
6) 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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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T04	Common Girder	1	2	T21943151

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:41 2020 Page 1
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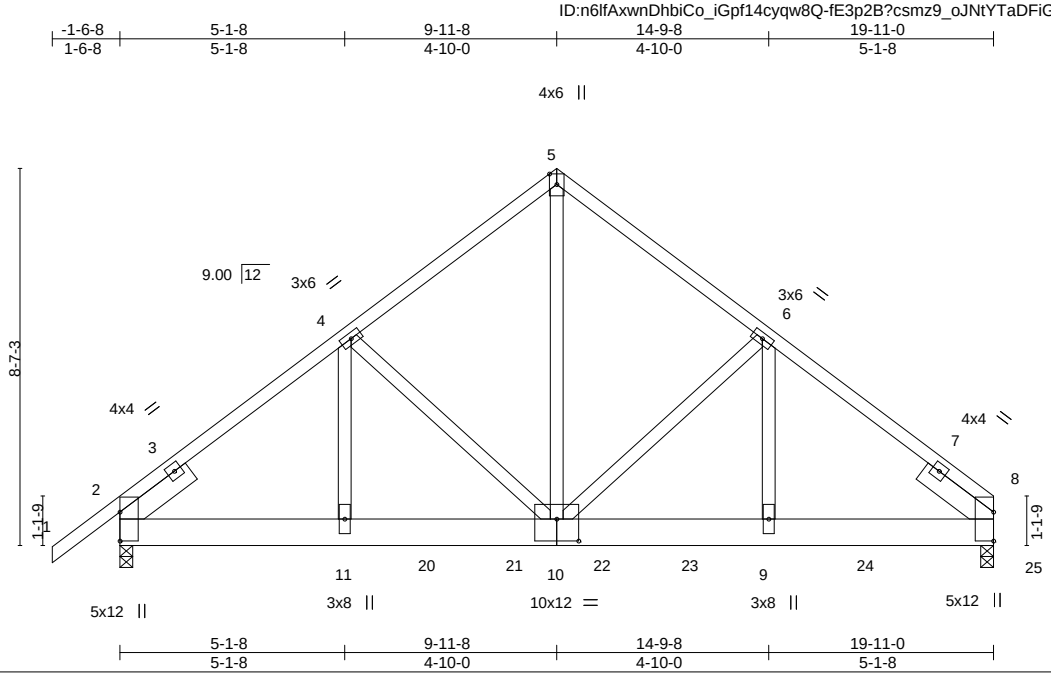

Plate Offsets (X,Y)-- [10:0-6-0,0-6-0]

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	0.70	Vert(LL)	0.14	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.17	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.69	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 306 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
5-10: 2x4 SP No.2
SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 8=0-3-8, 2=0-3-8
Max Horz 2=256(LC 7)
Max Uplift 8=-2587(LC 9), 2=-2302(LC 8)
Max Grav 8=5884(LC 1), 2=4095(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-5451/3173, 4-5=-4777/2605, 5-6=-4781/2607, 6-8=-6235/2893
BOT CHORD 2-11=-2551/4261, 10-11=-2551/4261, 9-10=-2214/4902, 8-9=-2214/4902
WEBS 5-10=-2930/5356, 6-10=-1551/561, 6-9=-424/1811, 4-10=-706/850, 4-11=-819/728

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-5-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
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 2587 lb uplift at joint 8 and 2302 lb uplift at joint 2.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2221 lb down and 1953 lb up at 7-0-4, 1057 lb down and 495 lb up at 9-0-4, 1024 lb down and 402 lb up at 11-0-4, 1035 lb down and 396 lb up at 13-0-4, 1035 lb down and 396 lb up at 15-0-4, and 1035 lb down and 396 lb up at 17-0-4, and 1080 lb down and 387 lb up at 19-0-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

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

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Continued on page 2

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-5=-54, 5-8=-54, 12-16=-20

Concentrated Loads (lb)

Vert: 9=-1024(F) 20=-2221(F) 21=-1024(F) 22=-1024(F) 23=-1024(F) 24=-1024(F) 25=-1080(F)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T05G	Monopitch Supported Gable	2	1	T21943152
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:42 2020 Page 1
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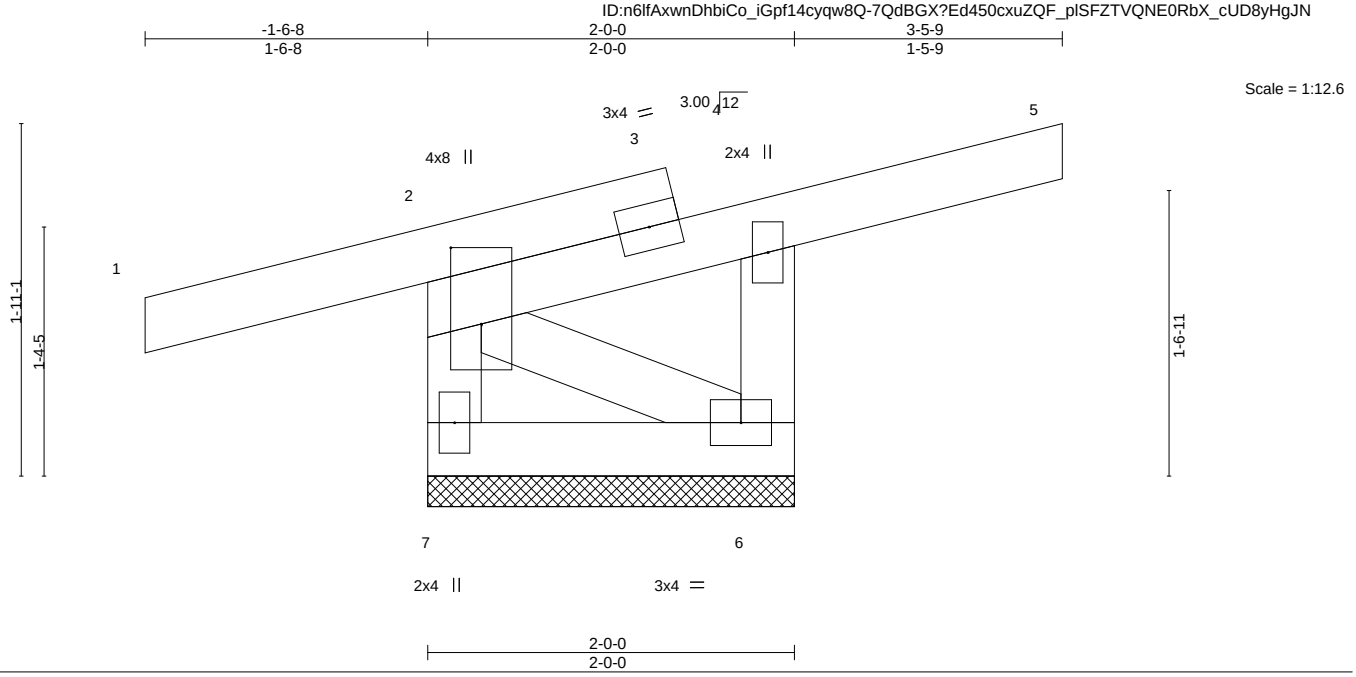


Plate Offsets (X,Y)-- [2:0-5-0,0-2-0]

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	0.18	Vert(LL)	0.01	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	0.00	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 17 lb	FT = 20%

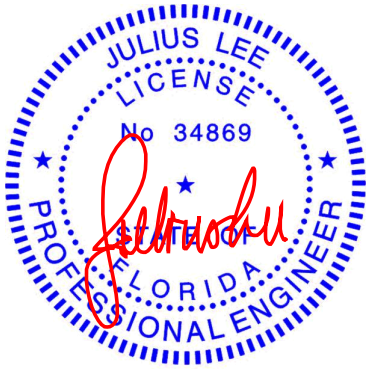
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 7=2-0-0, 6=2-0-0
Max Horz 7=59(LC 9)
Max Uplift 7=-121(LC 8), 6=-125(LC 9)
Max Grav 7=159(LC 1), 6=146(LC 1)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) 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) Gable requires continuous bottom chord bearing.
4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 121 lb uplift at joint 7 and 125 lb uplift at joint 6.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943153
2544205	T06G	Common Supported Gable	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:44 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-4plxgC1V9hLkrF2yYg1HqtKvpJ5oiwiu_H5bI0yHgJL

-1-6-8 / 1-6-8 | 5-2-8 / 5-2-8 | 10-5-0 / 5-2-8 | 11-11-8 / 1-6-8

Scale = 1:28.9

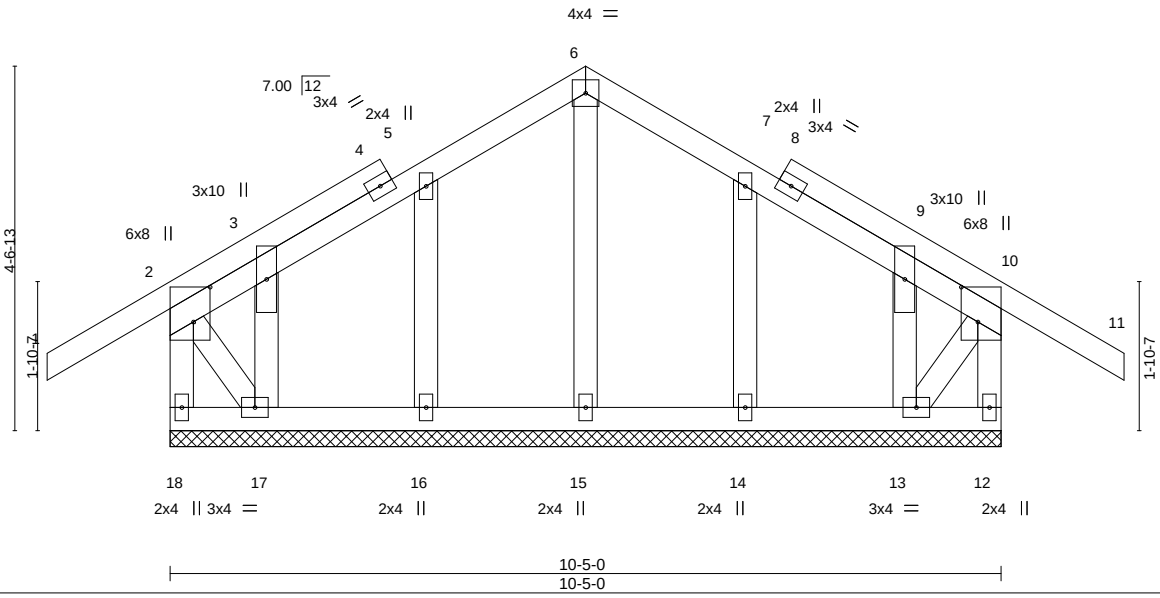


Plate Offsets (X,Y)-- [2:0-5-4,0-2-8], [10:0-5-4,0-2-8]

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	0.19	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 75 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-

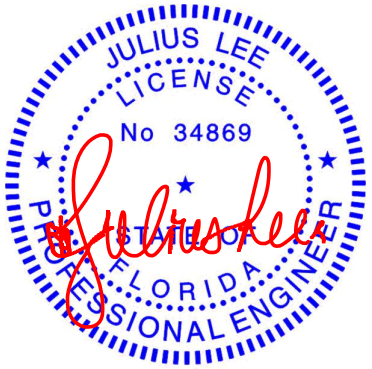
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 10-5-0.
(lb) - Max Horz 18=-179(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 12 except 18=-119(LC 8), 16=-108(LC 12), 17=-139(LC 9), 14=-108(LC 13), 13=-109(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 18, 12, 15, 16, 17, 14, 13

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 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) 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) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12 except (jt=lb) 18=119, 16=108, 17=139, 14=108, 13=109.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T07	HALF HIP GIRDER	1	2	T21943154
					Job Reference (optional)

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-1-6-8 | 3-11-13 | 7-8-1 | 14-8-5 | 21-6-12 | 28-7-0
1-6-8 | 3-11-13 | 3-8-5 | 7-0-4 | 6-10-8 | 7-0-4

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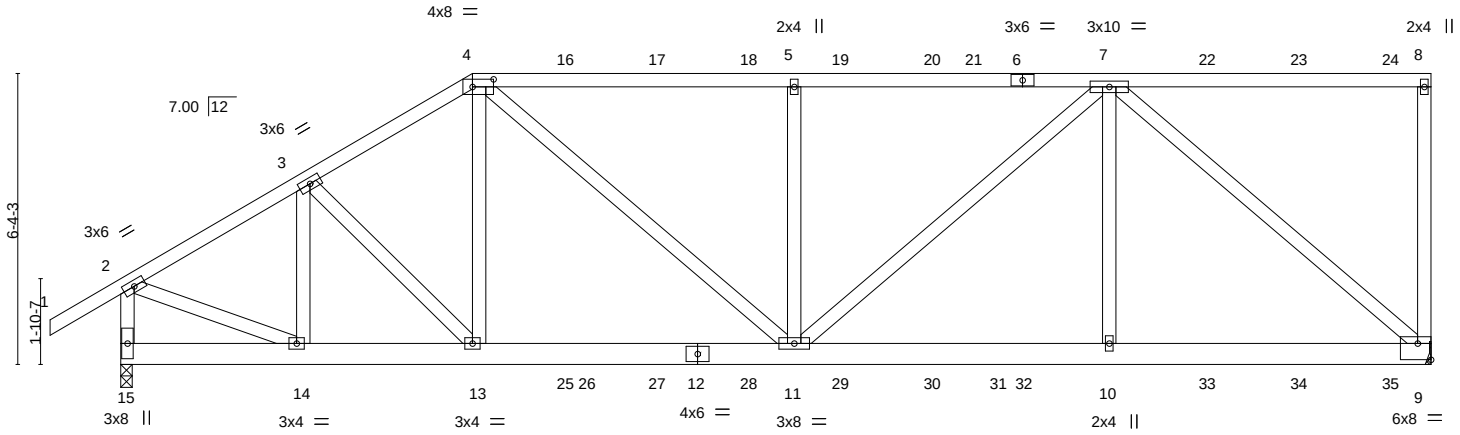

3-11-13 | 7-8-1 | 14-8-5 | 21-6-12 | 28-7-0
3-11-13 | 3-8-5 | 7-0-4 | 6-10-8 | 7-0-4

Plate Offsets (X,Y)-- [4:0-5-8,0-2-0], [9:Edge,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.46	Vert(LL)	0.12	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.36	Vert(CT)	-0.11	11-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.93	Horz(CT)	-0.03	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 412 lb	FT = 20%

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

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

REACTIONS. (size) 9=Mechanical, 15=0-3-0
Max Horz 15=230(LC 27)
Max Uplift 9=-1931(LC 5), 15=-1521(LC 8)
Max Grav 9=2338(LC 35), 15=2075(LC 33)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2182/1652, 3-4=-2615/2103, 4-5=-2834/2353, 5-7=-2834/2353, 2-15=-1998/1498
BOT CHORD 14-15=-280/153, 13-14=-1575/1884, 11-13=-1875/2250, 10-11=-1752/2152, 9-10=-1752/2152
WEBS 3-14=-771/651, 3-13=-654/648, 4-13=-392/572, 4-11=-790/887, 5-11=-501/474, 7-11=-838/904, 7-10=-528/892, 7-9=-2819/2289, 2-14=-1397/1885

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
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, with BCDL = 10.0psf.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=1931, 15=1521.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 95 lb down and 87 lb up at 9-8-13, 95 lb down and 87 lb up at 11-8-13, 95 lb down and 87 lb up at 13-8-13, 95 lb down and 87 lb up at 15-8-13, 95 lb down and 80 lb up at 17-8-13, 95 lb down and 87 lb up at 19-8-13, 95 lb down and 87 lb up at 21-8-13, 95 lb down and 87 lb up at 23-8-13, and 95 lb down and 87 lb up at 25-8-13, and 89 lb down and 89 lb up at 27-8-13 on top chord, and 462 lb down and 500 lb up at 7-8-1, 164 lb down and 167 lb up at 9-8-13, 164 lb down and 167 lb up at 11-8-13, 164 lb down and 167 lb up at 13-8-13, 164 lb down and 167 lb up at 15-8-13, 164 lb down and 167 lb up at 17-8-13, 164 lb down and 167 lb up at 19-8-13, 164 lb down and 167 lb up at 21-8-13, 164 lb down and 167 lb up at 23-8-13, and 164 lb down and 167 lb up at 25-8-13, and 167 lb down and 164 lb up at 27-8-13 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Continued on page 2

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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54, 2-4=-54, 4-8=-54, 9-15=-20
   Concentrated Loads (lb)
   Vert: 6=-29(B) 13=-391(B) 10=-136(B) 7=-29(B) 16=-29(B) 17=-29(B) 18=-29(B) 19=-29(B) 20=-29(B) 22=-29(B) 23=-29(B) 24=-37(B) 25=-136(B) 27=-136(B) 28=-136(B) 29=-136(B) 30=-136(B) 32=-136(B) 33=-136(B) 34=-136(B) 35=-139(B)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943155
2544205	T08	Half Hip	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:48 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-ya_SWa4?Cwr9KsLjnW5D?jVWXwFKecFUvv3pRnyHgJH

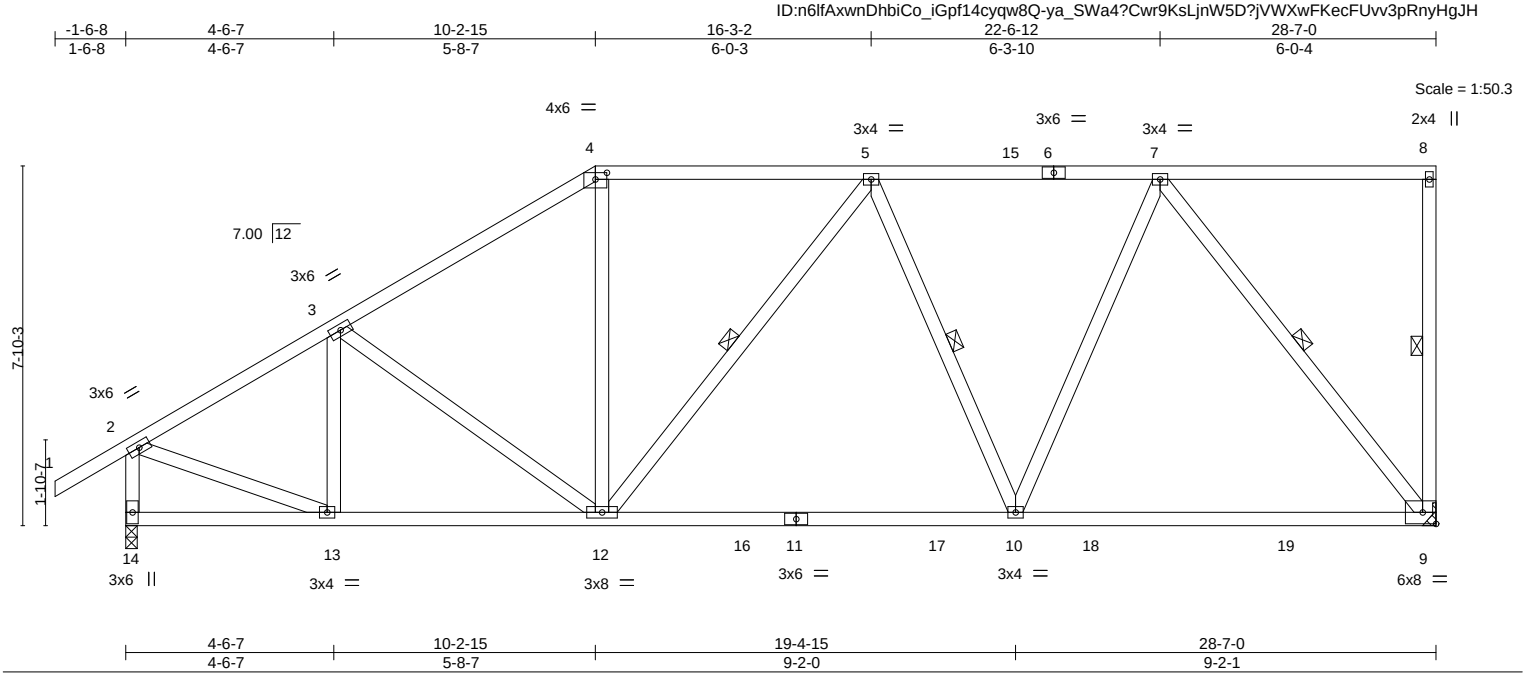


Plate Offsets (X,Y)-- [4:0-3-0,0-1-12]

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	0.40	Vert(LL)	-0.21	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.96	Vert(CT)	-0.38	9-10	>897	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 188 lb	FT = 20%

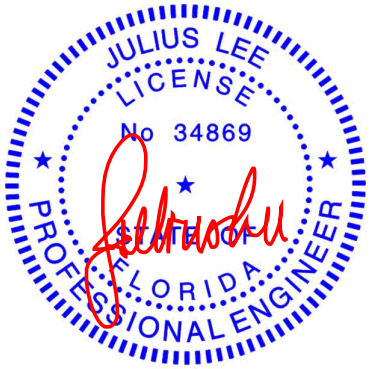
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 8-9, 5-12, 5-10, 7-9

REACTIONS. (size) 9=Mechanical, 14=0-3-0
Max Horz 14=301(LC 12)
Max Uplift 9=-475(LC 9), 14=-464(LC 12)
Max Grav 9=1077(LC 2), 14=1141(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1149/503, 3-4=-1144/543, 4-5=-921/531, 5-7=-914/439, 2-14=-1098/540
BOT CHORD 13-14=-341/297, 12-13=-647/967, 10-12=-542/991, 9-10=-361/678
WEBS 3-13=-256/155, 4-12=-55/322, 5-10=-300/295, 7-10=-228/612, 7-9=-1080/584, 2-13=-353/995

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=475, 14=464.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943156
2544205	T09	Hip	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:49 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-QmYqkw5dzEz0y0wvLEdSXx1fYKi0N6wd8ZoMzEyHgJG

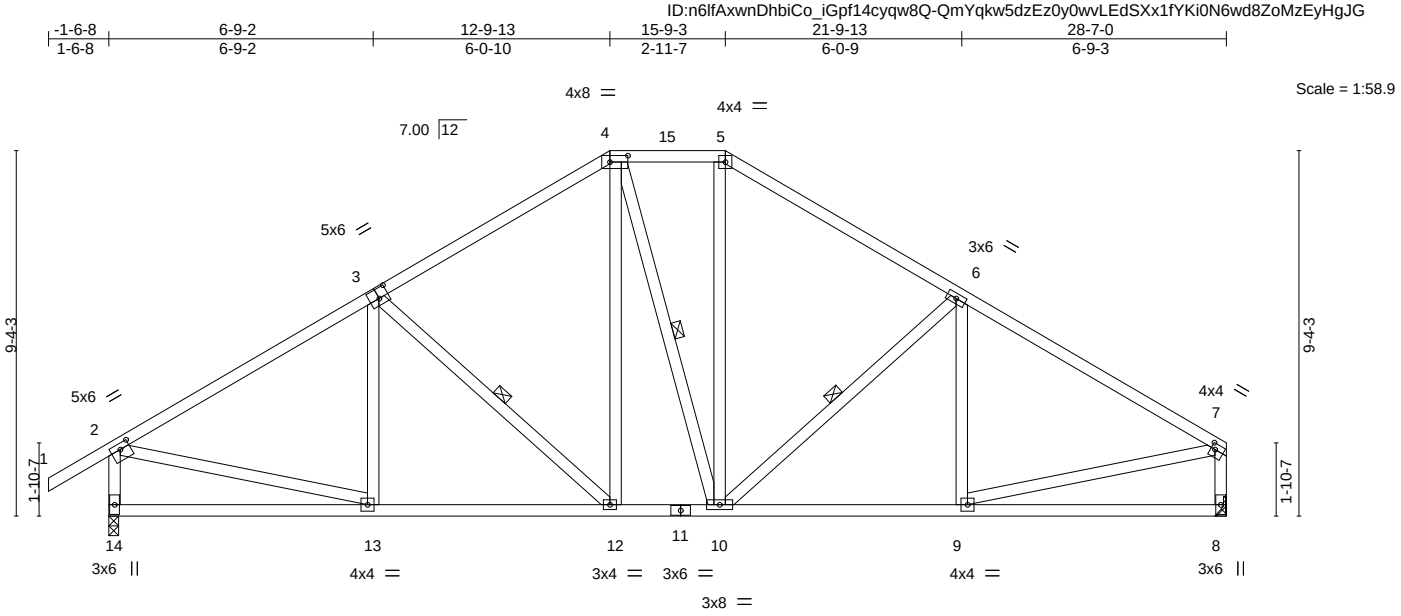


Plate Offsets (X,Y)-- [2:0-3-0,0-1-12], [3:0-3-0,0-3-0], [4:0-5-8,0-2-0], [7:0-1-4,0-1-12]

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	0.57	Vert(LL)	-0.05	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.11	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 196 lb	FT = 20%

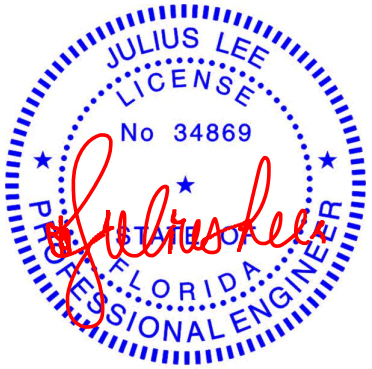
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-10-6 oc bracing.
WEBS 1 Row at midpt 3-12, 4-10, 6-10

REACTIONS. (size) 14=0-3-0, 8=Mechanical
Max Horz 14=-297(LC 10)
Max Uplift 14=-438(LC 12), 8=-382(LC 13)
Max Grav 14=1141(LC 1), 8=1044(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1249/569, 3-4=-1034/581, 4-5=-921/562, 5-6=-1039/582, 6-7=-1256/562, 2-14=-1079/573, 7-8=-982/469
BOT CHORD 13-14=-299/335, 12-13=-443/1023, 10-12=-241/815, 9-10=-394/1016
WEBS 3-12=-372/276, 4-12=-160/329, 5-10=-144/332, 6-10=-374/282, 2-13=-307/943, 7-9=-354/961

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 14=438, 8=382.



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November 19,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943157
2544205	T10	Common	3	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:51 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-M9gb9c6uVrEkBK4ISefwdM7z28HTryjwbtHT26yHgJE

-1-6-8 | 6-5-0 | 14-3-8 | 22-2-0 | 28-7-0
1-6-8 | 6-5-0 | 7-10-8 | 7-10-8 | 6-5-0

Scale = 1:62.0

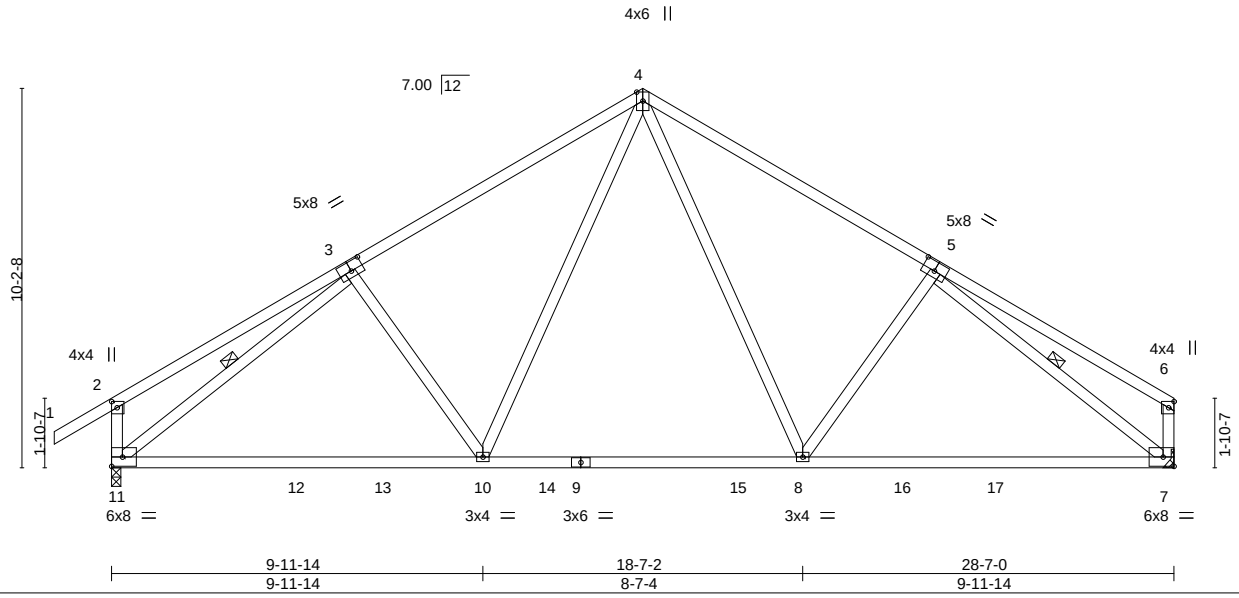


Plate Offsets (X,Y)-- [2:0-2-0,0-1-12], [3:0-4-0,0-3-0], [5:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.70	Vert(LL)	-0.24	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.49	10-11	>688	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.04	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 172 lb	FT = 20%

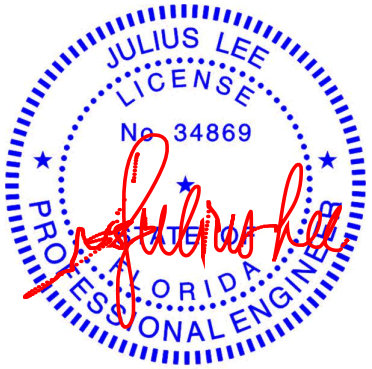
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-3-10 oc bracing.
WEBS 1 Row at midpt 3-11, 5-7

REACTIONS. (size) 11=0-3-0, 7=Mechanical
Max Horz 11=-323(LC 10)
Max Uplift 11=-432(LC 12), 7=-376(LC 13)
Max Grav 11=1206(LC 19), 7=1118(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-269/195, 3-4=-1255/638, 4-5=-1259/637, 2-11=-342/269
BOT CHORD 10-11=-489/1234, 8-10=-208/896, 7-8=-415/1048
WEBS 3-10=-259/332, 4-10=-235/543, 4-8=-239/554, 5-8=-262/337, 3-11=-1219/478, 5-7=-1220/514

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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, with BCDL = 10.0psf.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=432, 7=376.



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November 19,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T11	Roof Special	1	1	T21943158
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:52 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-rLDzMx7WG9MbpUfU0MA99Zf8NXcmaOZ4qX10aYyHgJD

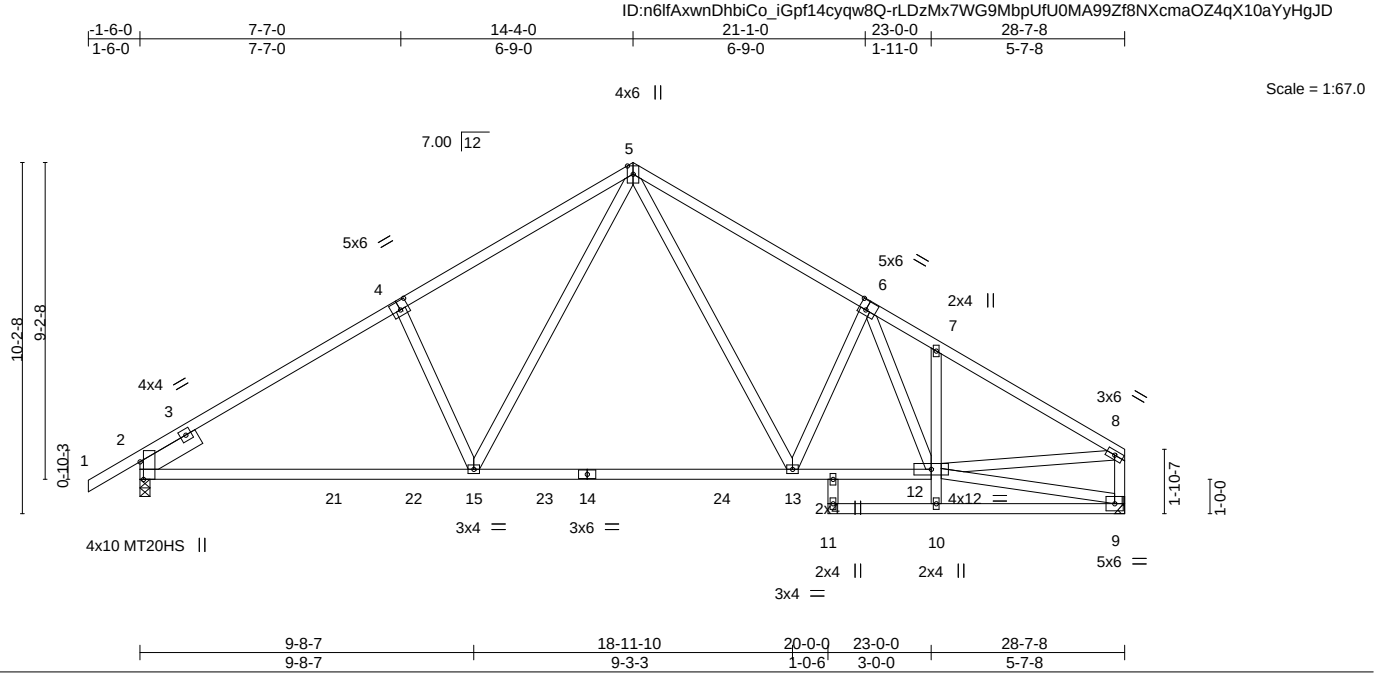

Plate Offsets (X,Y)-- [2:0-6-2,Edge], [4:0-3-0,0-3-0], [6:0-2-8,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	-0.29	13-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.47	13-15	>725	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.63	Horz(CT)	0.06	9	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 180 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
7-10: 2x4 SP No.3
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except: 10-0-0 oc bracing: 10-12

REACTIONS. (size) 2=0-3-8, 9=Mechanical
Max Horz 2=278(LC 9)
Max Uplift 2=-431(LC 12), 9=-368(LC 13)
Max Grav 2=1209(LC 19), 9=1123(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1591/661, 4-5=-1495/725, 5-6=-1478/708, 6-7=-1559/676, 7-8=-1620/621, 8-9=-1087/451
BOT CHORD 2-15=-517/1480, 13-15=-216/985, 12-13=-428/1278, 10-12=0/253
WEBS 4-15=-401/370, 5-15=-323/743, 5-13=-295/711, 6-13=-436/334, 8-12=-423/1277

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=431, 9=368.

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943159
2544205	T12	Common	3	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:53 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-JYnLZH881SUSQeEha3hOinCIGxzHJqYD3Bma6?yHgJC

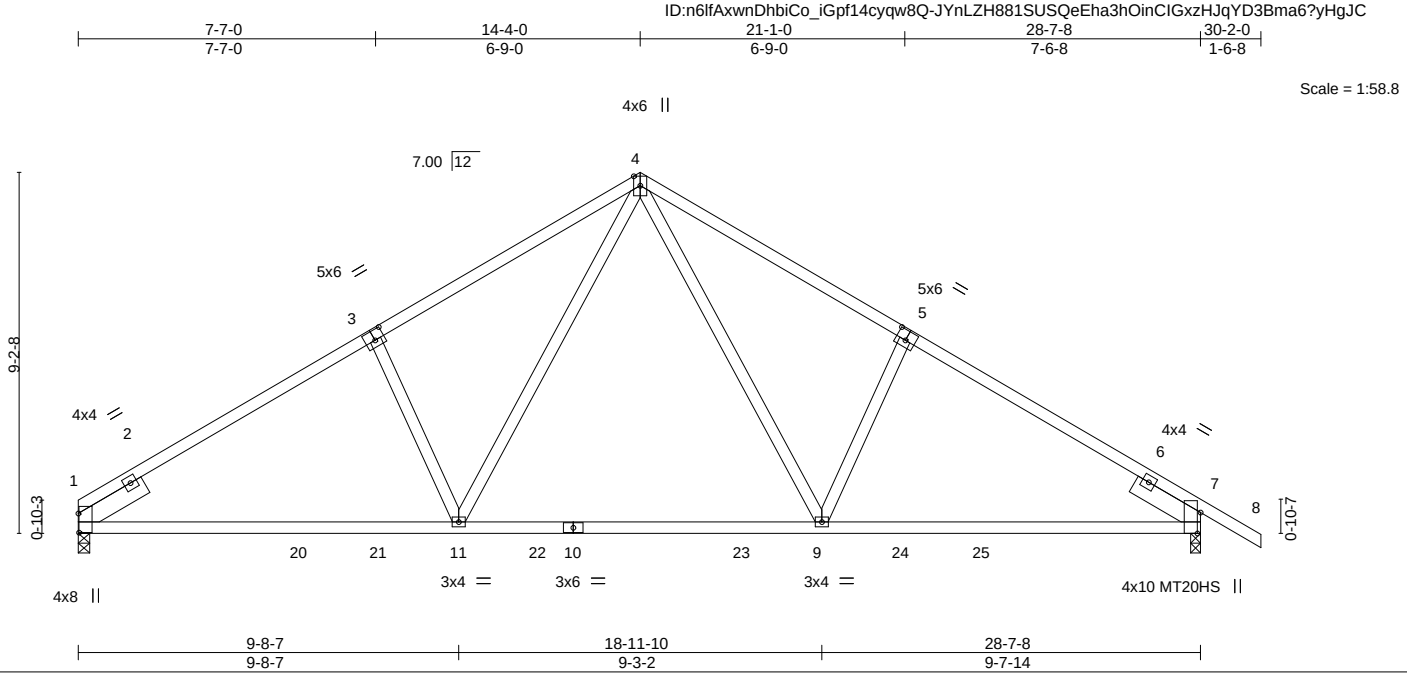


Plate Offsets (X,Y)-- [1:0-5-14,0-0-3], [3:0-3-0,0-3-0], [5:0-3-0,0-3-0], [7:0-6-7,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	-0.32	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.47	9-11	>731	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.07	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 148 lb	FT = 20%

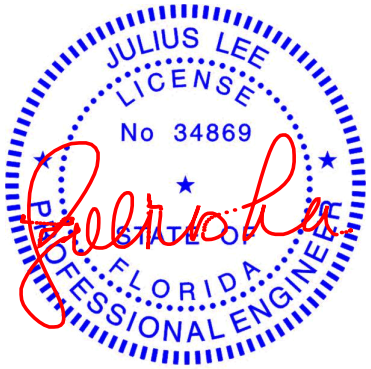
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-1-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-0-10 oc bracing.

REACTIONS. (size) 1=0-3-8, 7=0-3-0
Max Horz 1=-279(LC 10)
Max Uplift 1=-386(LC 12), 7=-438(LC 13)
Max Grav 1=1126(LC 19), 7=1210(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-1598/677, 3-4=-1502/741, 4-5=-1488/735, 5-7=-1584/671
BOT CHORD 1-11=-512/1502, 9-11=-206/1006, 7-9=-424/1281
WEBS 3-11=-402/373, 4-11=-332/743, 4-9=-322/724, 5-9=-399/367

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=386, 7=438.



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Date:
November 19,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943160
2544205	T13	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:54 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-nkLjnd9momcJ2npt7nCdE_lXVLMf2HwMHrW7fRyHgJB

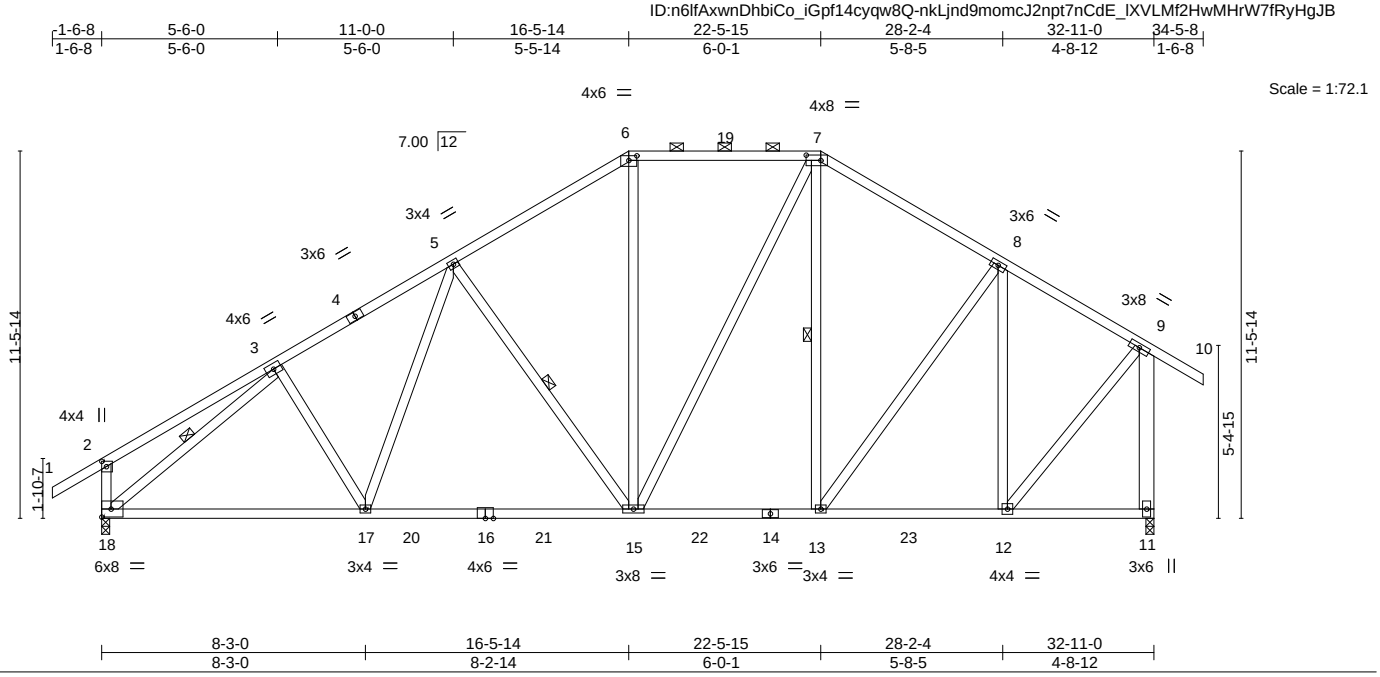


Plate Offsets (X,Y)-- [2:0-2-0,0-1-12], [6:0-3-0,0-1-12], [7:0-5-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.49	Vert(LL)	-0.19	15-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.70	Vert(CT)	-0.31	15-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.04	11	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 253 lb	FT = 20%

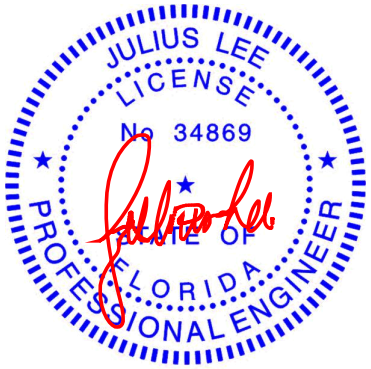
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
7-15: 2x4 SP No.2, 9-11: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-15 oc purlins, except end verticals, and 2-0-0 oc purlins (5-4-3 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 7-2-9 oc bracing.
WEBS 1 Row at midpt 5-15, 7-13, 3-18

REACTIONS. (size) 18=0-3-0, 11=0-3-0
Max Horz 18=462(LC 11)
Max Uplift 18=-520(LC 12), 11=-478(LC 13)
Max Grav 18=1301(LC 19), 11=1305(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-5=-1444/725, 5-6=-1129/679, 6-7=-993/645, 7-8=-991/620, 8-9=-788/468, 2-18=-325/271, 9-11=-1276/664
BOT CHORD 17-18=-666/1382, 15-17=-565/1296, 13-15=-319/831, 12-13=-300/666
WEBS 5-17=-95/269, 5-15=-506/357, 6-15=-122/354, 7-15=-208/386, 8-13=-192/314, 8-12=-590/333, 3-18=-1443/568, 9-12=-390/971

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=520, 11=478.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943161
2544205	T13G	GABLE I I	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:41:59 2020 Page 1
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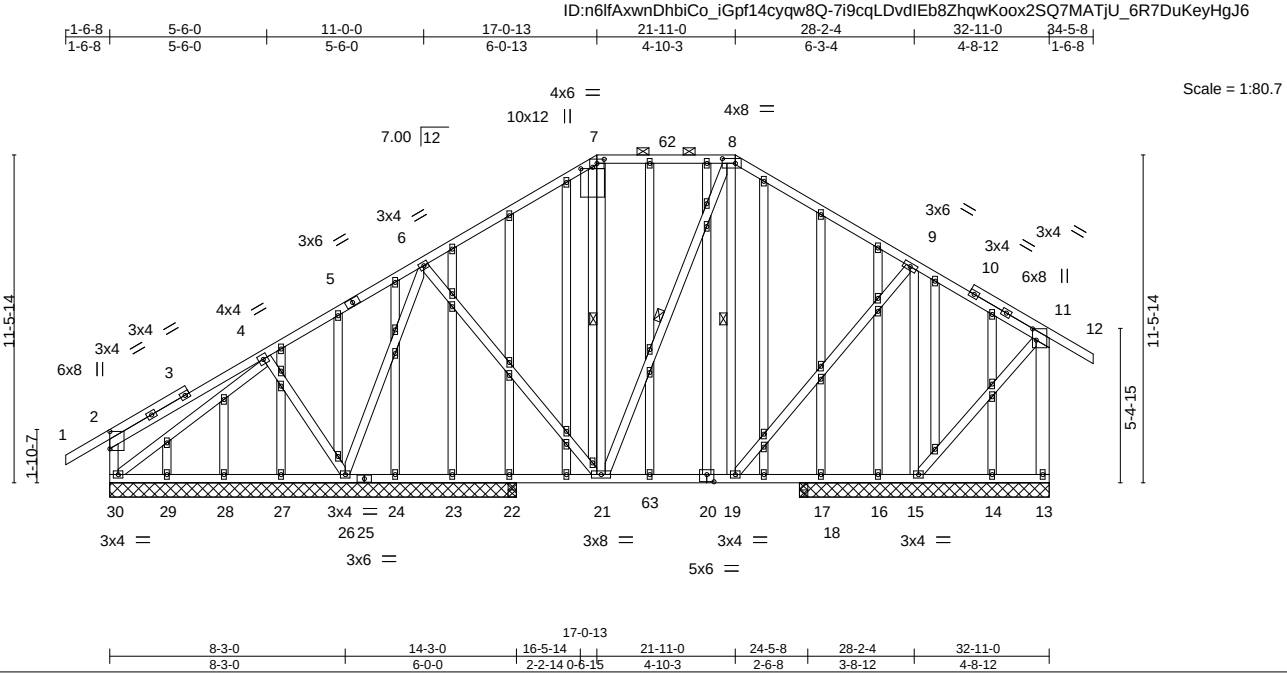


Plate Offsets (X,Y)-- [2:0-7-4,0-0-0], [7:0-0-10,0-5-0], [7:0-3-0,0-1-12], [8:0-5-8,0-2-0], [11:0-4-12,0-1-8], [20:0-3-0,0-3-0]

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	0.37	Vert(LL)	-0.03	19-21	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.21	Vert(CT)	-0.04	19-21	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	-0.01	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 436 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 8-21: 2x4 SP No.2, 11-13: 2x6 SP No.2
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-8.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 14-15,13-14.
WEBS	1 Row at midpt 7-21, 8-21, 8-19

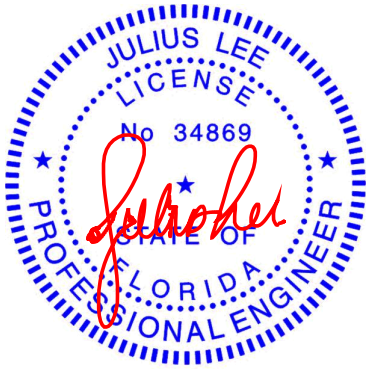
REACTIONS. All bearings 14-3-0 except (jt=length) 15=8-9-0, 13=8-9-0, 14=8-9-0, 16=8-9-0, 17=8-9-0, 18=0-3-8.
(lb) - Max Horz 30=454(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 17, 18 except 26=-559(LC 12), 15=-381(LC 13), 30=-122(LC 12), 13=-115(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 14, 16, 17, 29, 28, 27, 24, 23, 22, 22, 18 except 26=921(LC 19), 15=642(LC 1), 30=322(LC 23), 13=337(LC 1)

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

TOP CHORD	6-7=-479/397, 7-8=-452/405, 8-9=-455/380, 2-30=-273/263, 11-13=-325/188
BOT CHORD	29-30=-259/247, 28-29=-259/247, 27-28=-259/247, 26-27=-259/247, 24-26=-225/306, 23-24=-225/306, 22-23=-225/306, 21-22=-225/306, 19-21=-171/321
WEBS	4-26=-332/287, 6-26=-710/406, 9-19=-133/336, 9-15=-688/422

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) 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) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17, 18 except (jt=lb) 26=559, 15=381, 30=122, 13=115.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943162
2544205	T14	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:01 2020 Page 1
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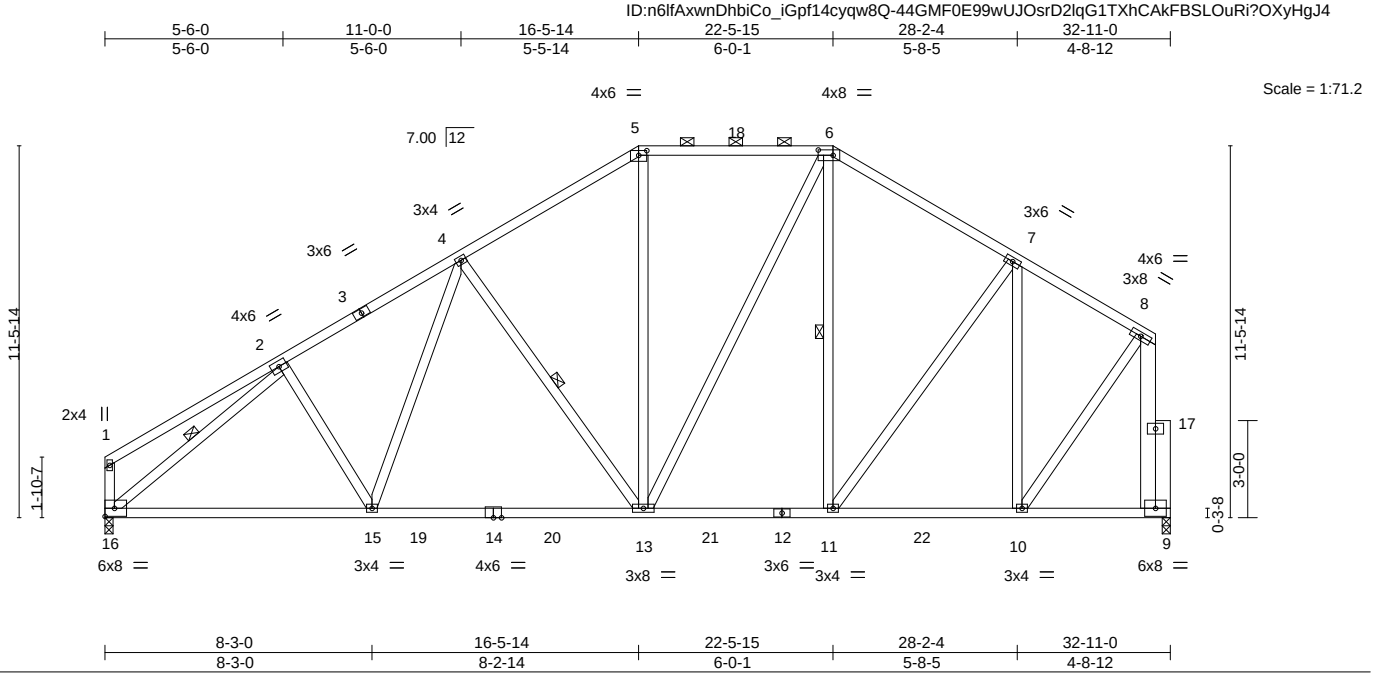


Plate Offsets (X,Y)-- [5:0-3-0,0-1-12], [6:0-5-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.19	13-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.31	13-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.05	9	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 254 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 6-13: 2x4 SP No.2, 8-9: 2x6 SP No.2
OTHERS	2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-8-10 oc purlins, except end verticals, and 2-0-0 oc purlins (5-3-8 max.): 5-6.
BOT CHORD	Rigid ceiling directly applied or 6-9-8 oc bracing.
WEBS	1 Row at midpt 4-13, 6-11, 2-16

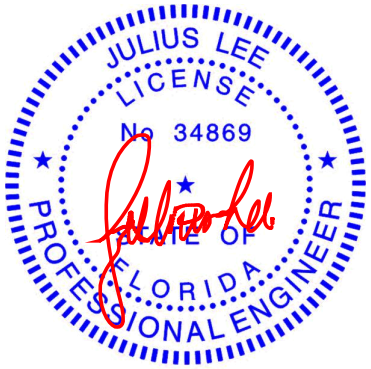
REACTIONS. (size) 16=0-3-0, 9=0-3-0
Max Horz 16=435(LC 9)
Max Uplift 16=-464(LC 12), 9=-392(LC 13)
Max Grav 16=1223(LC 19), 9=1203(LC 2)

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

TOP CHORD	2-4=-1472/728, 4-5=-1149/677, 5-6=-1001/644, 6-7=-1016/618, 7-8=-821/464, 8-9=-1178/548
BOT CHORD	15-16=-751/1394, 13-15=-645/1300, 11-13=-396/839, 10-11=-366/680
WEBS	4-15=-98/277, 4-13=-506/357, 5-13=-121/363, 6-13=-208/375, 7-11=-196/286, 7-10=-554/357, 2-16=-1471/623, 8-10=-400/876

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=464, 9=392.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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November 19,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943163
2544205	T15	Piggyback Base	3	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:02 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-YHqlSMFnvDcA?0QPbSLVZg4vQZ7UwurY75SYxzyHgJ3

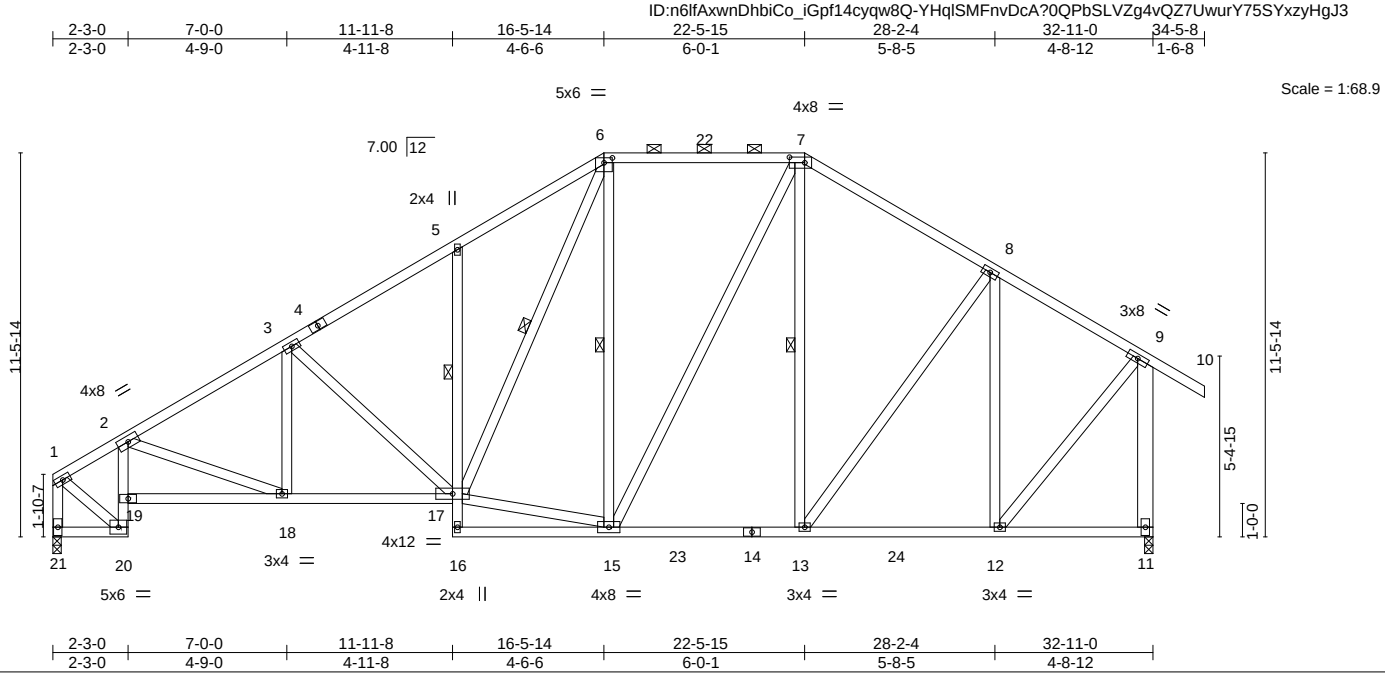


Plate Offsets (X,Y)-- [6:0-3-0,0-1-12], [7:0-5-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.50	Vert(LL)	0.11	5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.17	17-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.14	11	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 272 lb	FT = 20%

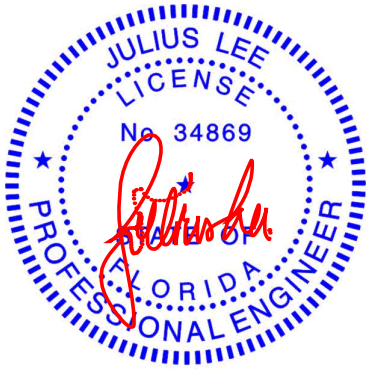
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
2-20: 2x4 SP M 31, 5-16: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
7-15: 2x4 SP No.2, 9-11: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-13 oc purlins, except end verticals, and 2-0-0 oc purlins (5-4-1 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt 5-17
WEBS 1 Row at midpt 6-17, 6-15, 7-13

REACTIONS. (size) 21=0-3-0, 11=0-3-0
Max Horz 21=423(LC 11)
Max Uplift 21=-464(LC 12), 11=-477(LC 13)
Max Grav 21=1201(LC 1), 11=1302(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1009/450, 2-3=-1729/806, 3-5=-1465/751, 5-6=-1501/895, 6-7=-990/646, 7-8=-980/620, 8-9=-777/469, 1-21=-1277/576, 9-11=-1264/663
BOT CHORD 20-21=-414/353, 19-20=-552/269, 2-19=-530/288, 18-19=-828/1571, 17-18=-776/1605, 5-17=-323/278, 13-15=-318/794, 12-13=-300/665
WEBS 2-18=-165/308, 3-17=-434/272, 15-17=-357/910, 6-17=-519/945, 6-15=-349/272, 7-15=-208/332, 8-13=-191/306, 8-12=-594/331, 1-20=-455/1038, 9-12=-389/932

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x6 MT20 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) 21=464, 11=477.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943164
2544205	T16	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:04 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-UfyVt2G1RrsuFKaojtOze59CpNouOp2raPxf?syHgJ1

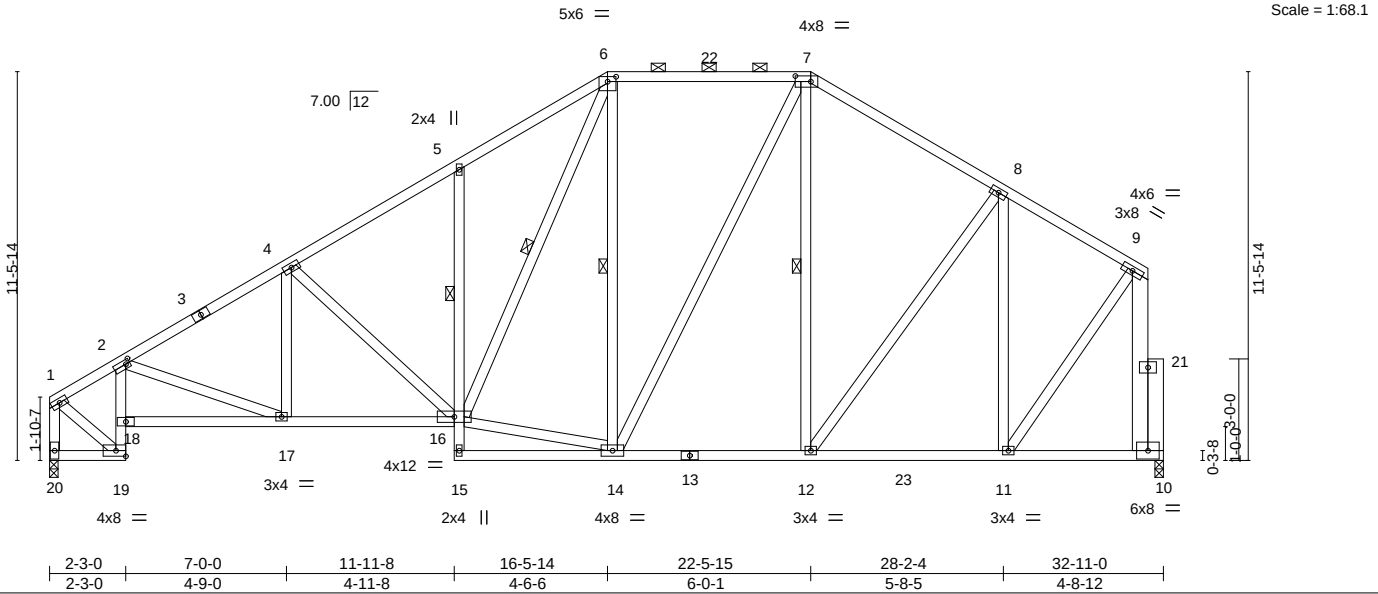


Plate Offsets (X,Y)-- [2:0-1-8,0-1-8], [6:0-3-0,0-1-12], [7:0-5-8,0-2-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	0.12	5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.17	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.14	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 276 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 2-19: 2x4 SP M 31, 5-15: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 7-14: 2x4 SP No.2, 9-10: 2x6 SP No.2
OTHERS	2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-3-9 oc purlins, except end verticals, and 2-0-0 oc purlins (5-3-8 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 5-11-5 oc bracing. Except: 1 Row at midpt 5-16
WEBS	1 Row at midpt 6-16, 6-14, 7-12

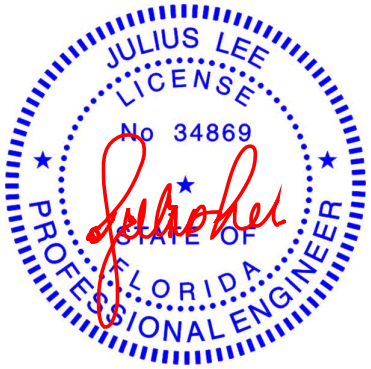
REACTIONS. (size) 20=0-3-0, 10=0-3-0
Max Horz 20=416(LC 11)
Max Uplift 20=-464(LC 12), 10=-391(LC 13)
Max Grav 20=1212(LC 1), 10=1176(LC 1)

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

TOP CHORD	1-2=-1018/452, 2-4=-1747/818, 4-5=-1485/753, 5-6=-1515/898, 6-7=-997/644, 7-8=-991/618, 8-9=-795/465, 1-20=-1289/581, 9-10=-1143/547
BOT CHORD	19-20=-407/331, 18-19=-557/263, 2-18=-535/283, 17-18=-955/1557, 16-17=-876/1597, 5-16=-323/278, 12-14=-394/796, 11-12=-366/678
WEBS	2-17=-158/310, 4-16=-431/275, 14-16=-435/905, 6-16=-540/943, 6-14=-345/277, 7-14=-208/325, 8-12=-195/288, 8-11=-556/355, 1-19=-455/1047, 9-11=-399/835

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x6 MT20 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) 20=464, 10=391.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

November 19,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943165
2544205	T17	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:05 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-yrWt5OHgC8_ltU9_HbvCBJiKCn5I7Jl_p3gCXIyHgJ0

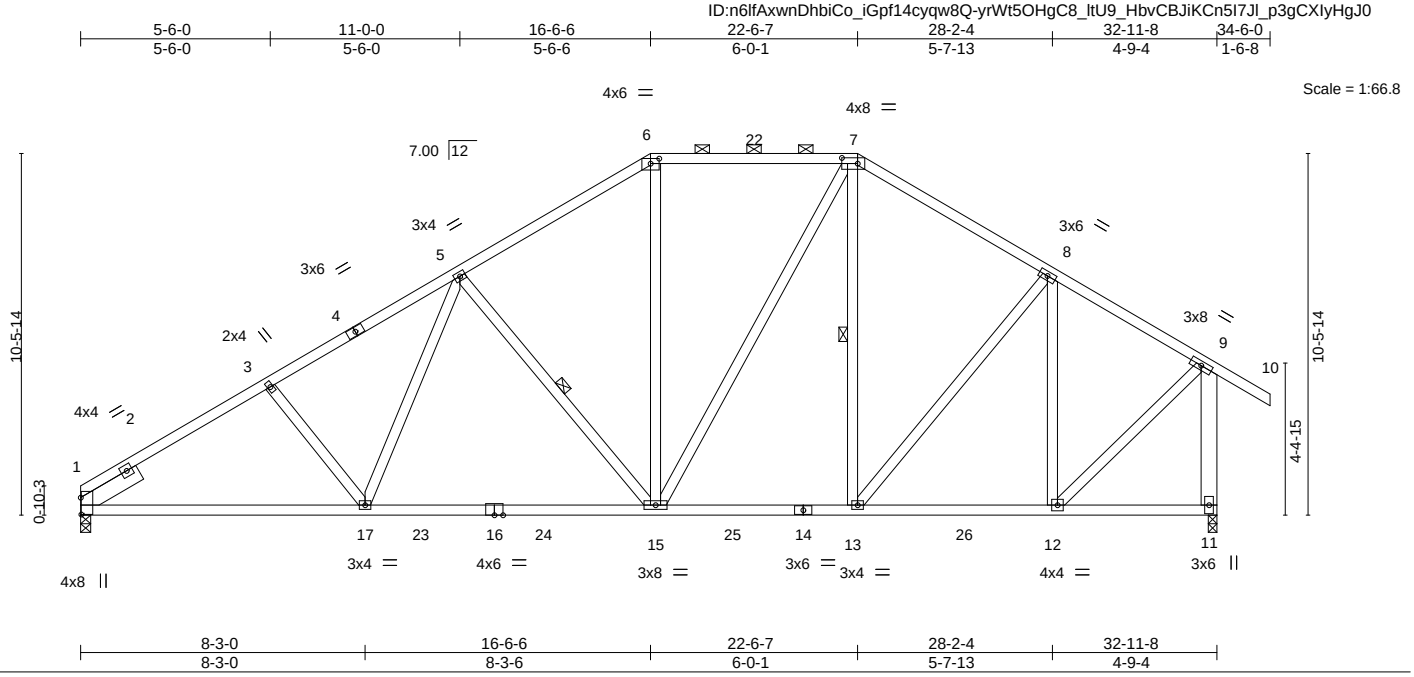


Plate Offsets (X,Y)-- [1:0-5-14,0-0-3], [6:0-3-0,0-1-12], [7:0-5-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.78	Vert(LL)	-0.22	15-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	-0.38	15-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.05	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 229 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 7-15: 2x4 SP No.2, 9-11: 2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-5-14 oc purlins, except end verticals, and 2-0-0 oc purlins (5-0-6 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 6-8-1 oc bracing.
WEBS	1 Row at midpt 5-15, 7-13

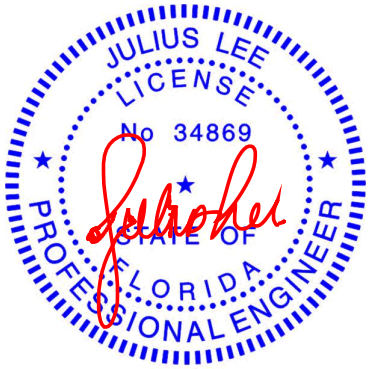
REACTIONS. (size) 1=0-3-8, 11=0-3-0
Max Horz 1=390(LC 11)
Max Uplift 1=-472(LC 12), 11=-478(LC 13)
Max Grav 1=1212(LC 19), 11=1309(LC 1)

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

TOP CHORD	1-3=-1798/824, 3-5=-1674/822, 5-6=-1230/707, 6-7=-1066/669, 7-8=-1071/638, 8-9=-884/493, 9-11=-1271/661
BOT CHORD	1-17=-777/1706, 15-17=-612/1454, 13-15=-324/887, 12-13=-319/736
WEBS	5-17=-134/385, 5-15=-596/391, 6-15=-137/398, 7-15=-211/391, 8-13=-178/273, 8-12=-540/303, 9-12=-391/984

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=472, 11=478.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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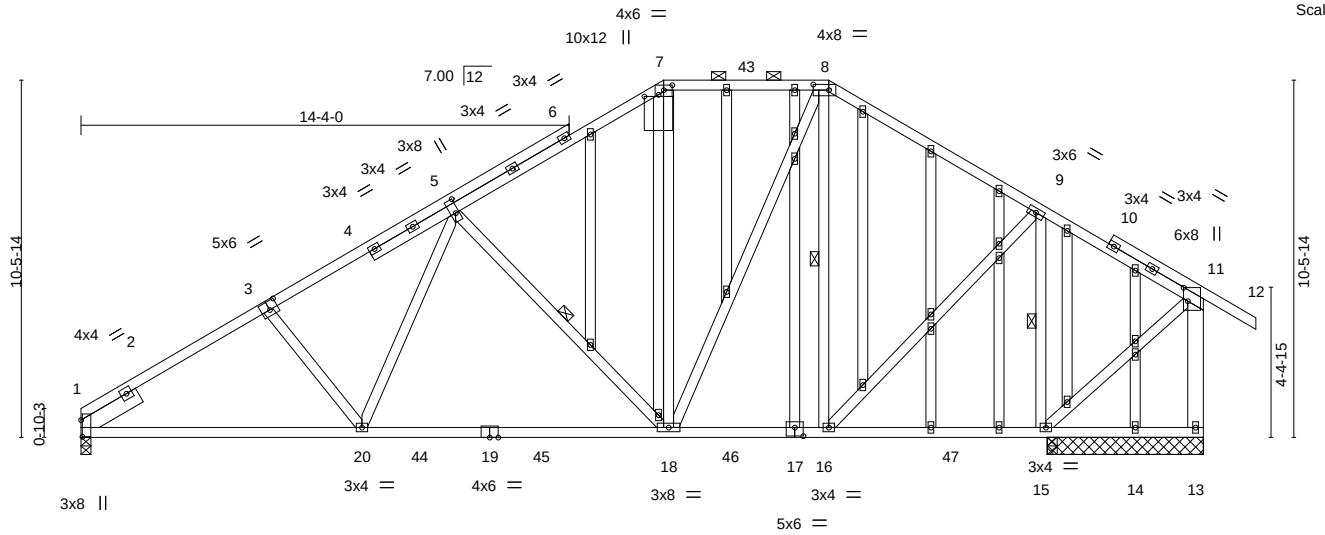
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943166
2544205	T17G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:07 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-uEdeV4JwkmFT6nINO?xgGknkWan2bAiHHM9JcByHgJ_

5-6-0	11-0-0	17-1-5	21-11-8	28-2-4	32-11-8	34-6-0
5-6-0	5-6-0	6-1-5	4-10-3	6-2-12	4-9-4	1-6-8

Scale = 1:67.7



8-3-0	17-1-5	21-11-8	28-2-4	28-8-0	32-11-8
8-3-0	8-10-5	4-10-3	6-2-12	0-5-12	4-3-8

Plate Offsets (X,Y)-- [1:0-5-14,0-0-7], [3:0-3-0,0-3-0], [5:0-5-0,0-1-4], [7:0-0-10,0-5-0], [7:0-3-0,0-1-12], [8:0-5-8,0-2-0], [11:0-4-12,0-1-8], [17:0-3-0,0-3-0]

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	0.54	Vert(LL)	-0.21	18-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.38	18-20	>885	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.03	15	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 339 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 11-13: 2x6 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

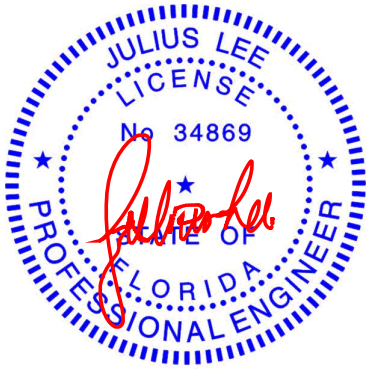
TOP CHORD	Structural wood sheathing directly applied or 4-0-1 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-8.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-18, 8-16, 9-15

REACTIONS. All bearings 4-7-0 except (jt=length) 1=0-3-8.
(lb) - Max Horz 1=386(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 14 except 1=-401(LC 12), 15=-529(LC 13), 13=-207(LC 25)
Max Grav All reactions 250 lb or less at joint(s) 13, 14 except 1=1004(LC 19), 15=1597(LC 2), 15=1521(LC 1)

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

TOP CHORD	1-3=-1431/653, 3-5=-1313/657, 5-7=-812/513, 7-8=-745/507, 8-9=-595/415, 9-11=-82/315
BOT CHORD	1-20=-620/1391, 18-20=-477/1159, 16-18=-178/452, 15-16=-282/210
WEBS	5-20=-115/388, 5-18=-656/423, 8-18=-280/631, 8-16=-505/241, 9-16=-296/892, 9-15=-1253/652, 11-15=-279/173

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14 except (jt=lb) 1=401, 15=529, 13=207.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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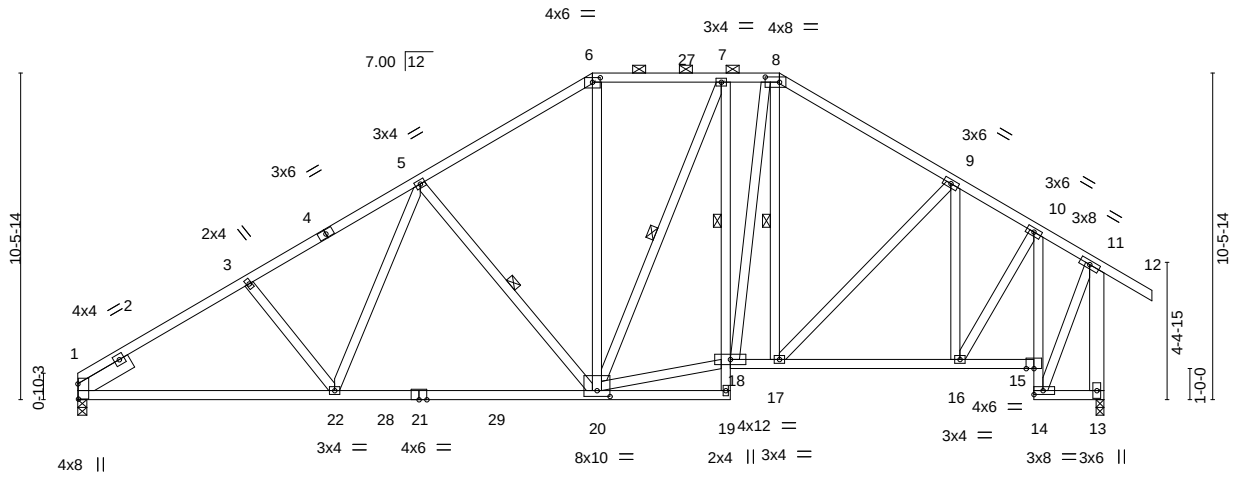
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943167
2544205	T18	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:09 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-rdlOwmKAGNVBL5SlWQz8L9s15OQB37takgeQf3yHgly

5-6-0	11-0-0	16-6-6	20-11-8	22-6-7	28-2-4	30-8-8	32-11-8	34-6-0
5-6-0	5-6-0	5-6-6	4-5-2	1-6-15	5-7-13	2-6-4	2-3-0	1-6-8

Scale = 1:74.0



8-3-0	16-6-6	20-11-8	22-6-7	28-2-4	30-8-8	32-11-8
8-3-0	8-3-6	4-5-2	1-6-15	5-7-13	2-6-4	2-3-0

Plate Offsets (X,Y)-- [1:0-5-14,0-0-3], [6:0-3-0,0-1-12], [8:0-5-8,0-2-0], [20:0-5-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	-0.22	20-22	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.39	20-22	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.12	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 270 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 7-19,10-14: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 11-13: 2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-10-9 oc purlins, except end verticals, and 2-0-0 oc purlins (5-8-0 max.): 6-8.
BOT CHORD	Rigid ceiling directly applied or 4-0-8 oc bracing. Except: 1 Row at midpt 7-18
WEBS	1 Row at midpt 5-20, 7-20, 8-17

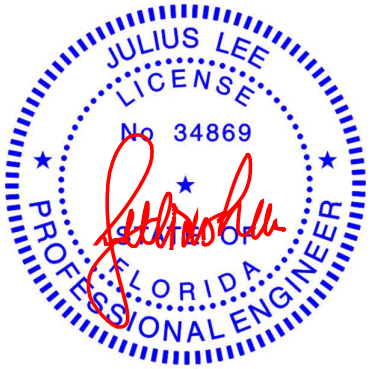
REACTIONS. (size) 1=0-3-8, 13=0-3-0
Max Horz 1=390(LC 11)
Max Uplift 1=-472(LC 12), 13=-478(LC 13)
Max Grav 1=1208(LC 1), 13=1309(LC 1)

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

TOP CHORD	1-3=-1794/824, 3-5=-1651/822, 5-6=-1221/707, 6-7=-1065/667, 7-8=-1038/655, 8-9=-1164/655, 9-10=-957/524, 10-11=-578/356, 11-13=-1362/692
BOT CHORD	1-22=-776/1631, 20-22=-612/1371, 17-18=-358/932, 16-17=-376/860, 15-16=-215/509, 14-15=-791/328, 10-15=-828/353
WEBS	5-22=-133/396, 5-20=-601/393, 6-20=-169/394, 18-20=-382/964, 8-18=-261/413, 9-16=-474/269, 10-16=-307/732, 11-14=-390/965

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=472, 13=478.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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November 19,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943168
2544205	T19	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:11 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-n?t8LRMQo_lubPc8dr0cQayQrC56XwxtB_7XkyyHgIw

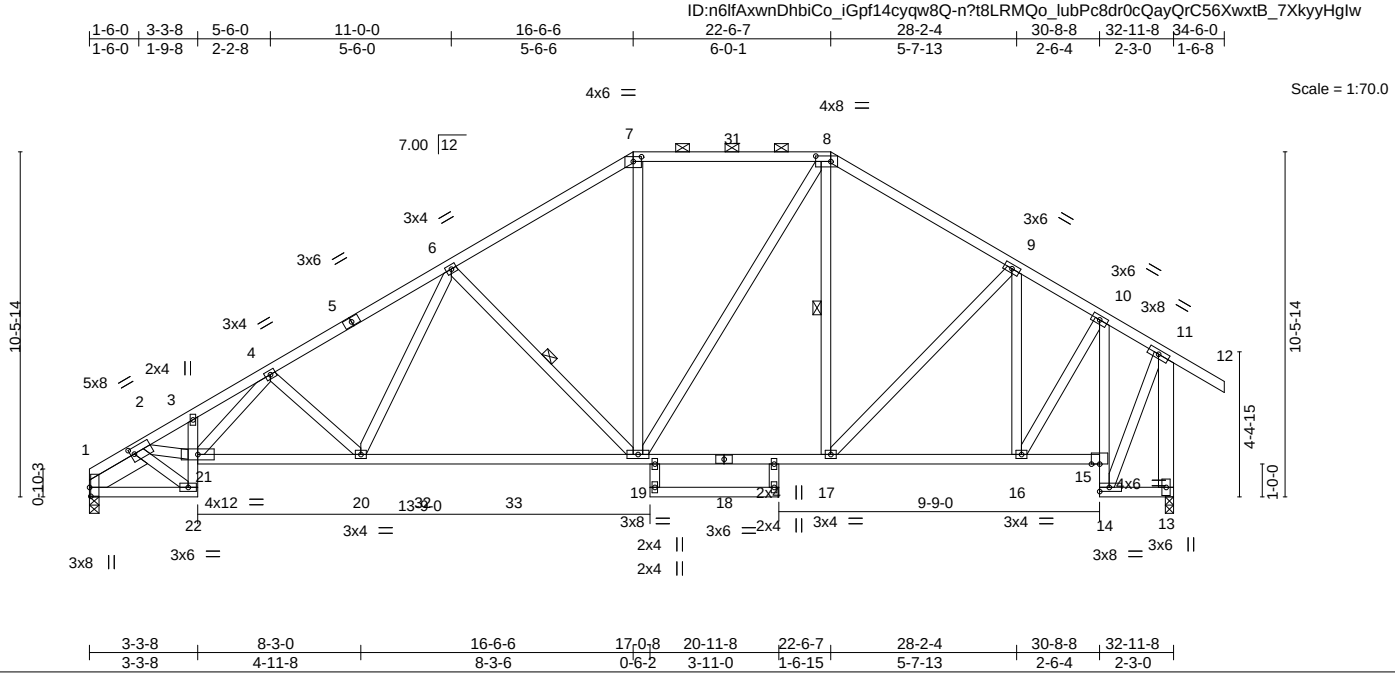


Plate Offsets (X,Y)-- [1:0-3-4,0-0-7], [2:0-1-5,0-2-4], [7:0-3-0,0-1-12], [8:0-5-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.52	Vert(LL)	-0.18	19-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.36	19-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.18	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 252 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 3-22,10-14,23-24: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 11-13: 2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-10-11

BRACING-

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

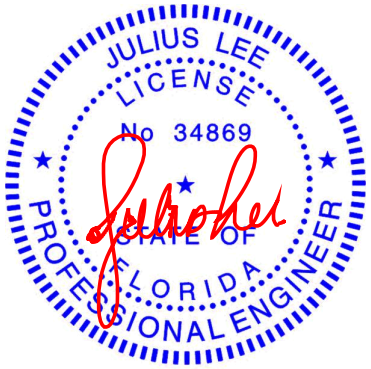
REACTIONS. (size) 1=0-3-8, 13=0-3-0
Max Horz 1=390(LC 11)
Max Uplift 1=-472(LC 12), 13=-478(LC 13)
Max Grav 1=1208(LC 1), 13=1309(LC 1)

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

TOP CHORD	1-2=-455/205, 2-3=-2809/1298, 3-4=-2918/1382, 4-6=-2061/983, 6-7=-1339/728, 7-8=-1136/689, 8-9=-1163/655, 9-10=-955/525, 10-11=-578/356, 11-13=-1362/692
BOT CHORD	1-22=-696/1423, 21-22=-562/1168, 20-21=-1055/2274, 19-20=-715/1639, 17-19=-359/934, 16-17=-375/860, 15-16=-215/509, 14-15=-793/329, 10-15=-831/354
WEBS	2-22=-1619/804, 2-21=-1174/2483, 4-21=-354/736, 4-20=-535/357, 6-20=-231/651, 6-19=-721/443, 7-19=-146/420, 8-19=-215/404, 9-16=-467/266, 10-16=-305/728, 11-14=-391/967

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=472, 13=478.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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November 19,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943169
2544205	T20	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:13 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-jO?vm7NhKc?cqimXlG24W?1lg?nR?ql9flcdpryHglu

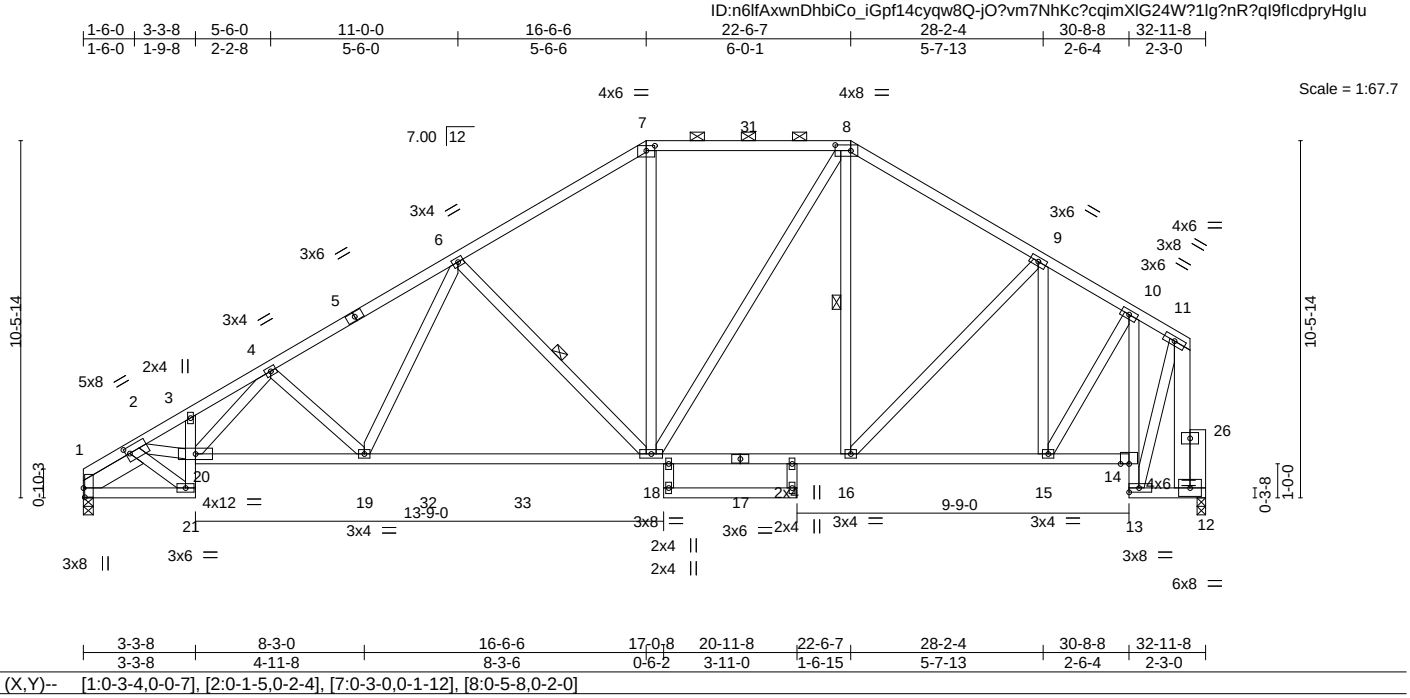


Plate Offsets (X,Y)-- [1:0-3-4,0-0-7], [2:0-1-5,0-2-4], [7:0-3-0,0-1-12], [8:0-5-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.18	18-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.94	Vert(CT)	-0.36	18-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.19	12	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 253 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 3-21,22-23: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 11-12: 2x6 SP No.2
OTHERS	2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-10-11

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-3-14 oc purlins, except end verticals, and 2-0-0 oc purlins (4-8-11 max.): 7-8.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 6-18, 8-16

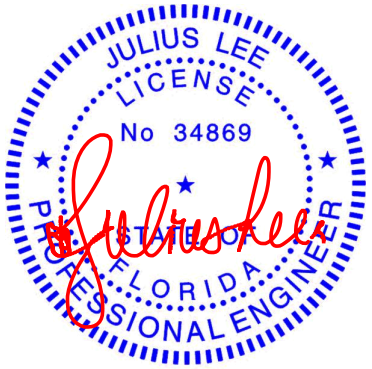
REACTIONS. (size) 1=0-3-8, 12=0-3-0
Max Horz 1=384(LC 11)
Max Uplift 1=-473(LC 12), 12=-391(LC 13)
Max Grav 1=1219(LC 1), 12=1183(LC 1)

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

TOP CHORD	1-2=-458/205, 2-3=-2822/1353, 3-4=-2931/1444, 4-6=-2084/997, 6-7=-1361/734, 7-8=-1151/694, 8-9=-1193/661, 9-10=-1016/535, 10-11=-646/373, 11-12=-1256/588
BOT CHORD	1-21=-780/1418, 20-21=-632/1164, 19-20=-1170/2272, 18-19=-813/1639, 16-18=-449/960, 15-16=-461/881, 14-15=-291/540, 13-14=-674/330, 10-14=-719/363
WEBS	2-21=-1612/903, 2-20=-1305/2478, 4-20=-399/731, 4-19=-533/363, 6-19=-237/649, 6-18=-720/445, 7-18=-149/429, 8-18=-215/392, 9-15=-432/273, 10-15=-324/696, 11-13=-395/828

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=473, 12=391.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

November 19,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943170
2544205	T21	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:14 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-BaZHzTOJ5v7TSsLjI_ZJ2CawYP7VkHaJuyMBLHyHgIt

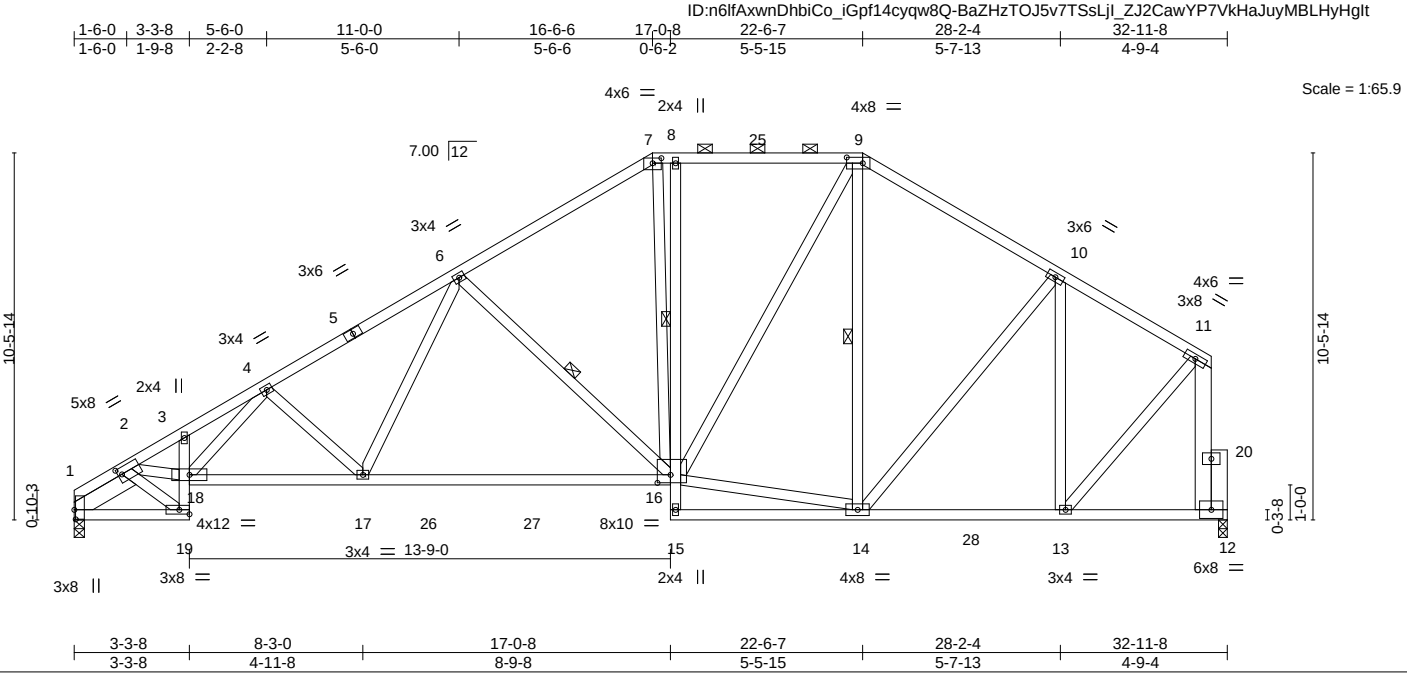


Plate Offsets (X,Y)-- [1:0-3-4,0-0-7], [2:0-1-5,0-2-4], [7:0-3-0,0-1-12], [9:0-5-8,0-2-0], [16:0-4-8,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	-0.21	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.46	16-17	>868	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.13	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 259 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 3-19,8-15: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 11-12: 2x6 SP No.2
OTHERS	2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-10-11

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-3-15 oc purlins, except end verticals, and 2-0-0 oc purlins (5-1-8 max.): 7-9.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing. Except: 1 Row at midpt 8-16
WEBS	1 Row at midpt 6-16, 9-14

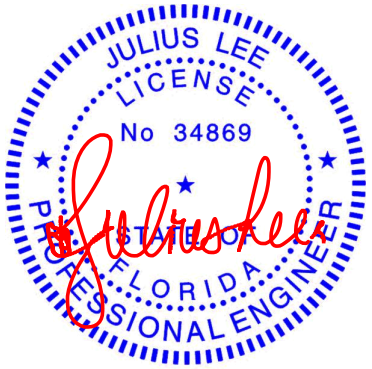
REACTIONS. (size) 1=0-3-8, 12=0-3-0
Max Horz 1=384(LC 11)
Max Uplift 1=-473(LC 12), 12=-391(LC 13)
Max Grav 1=1219(LC 1), 12=1183(LC 1)

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

TOP CHORD	1-2=-458/205, 2-3=-2776/1354, 3-4=-2877/1445, 4-6=-2091/996, 6-7=-1325/719, 7-8=-1139/694, 8-9=-1138/696, 9-10=-1085/639, 10-11=-912/495, 11-12=-1145/541
BOT CHORD	1-19=-780/1400, 18-19=-633/1143, 17-18=-1169/2245, 16-17=-813/1605, 13-14=-394/751
WEBS	2-19=-1583/904, 2-18=-1306/2434, 4-18=-402/717, 4-17=-531/364, 6-17=-233/679, 6-16=-739/447, 7-16=-235/469, 14-16=-384/896, 9-16=-266/542, 10-14=-177/253, 10-13=-503/318, 11-13=-386/834

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=473, 12=391.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943171
2544205	T22	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:16 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-8zg1O9QZcXNBhAU5QOcn7dfG4DphCEWcLGrHP9yHgIr

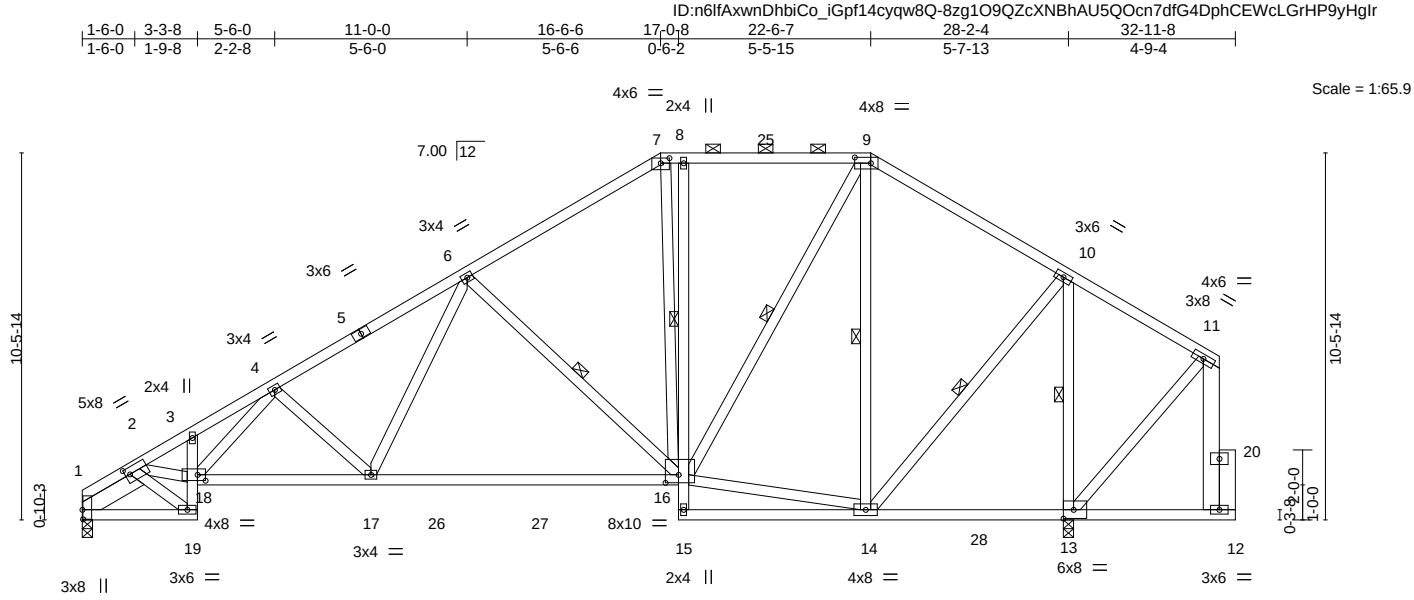

Plate Offsets (X,Y)-- [1:0-3-4,0-0-3], [2:0-1-9,0-2-4], [7:0-3-0,0-1-12], [9:0-5-8,0-2-0], [13:0-3-8,0-3-0], [16:0-4-8,0-2-12], [18:0-2-12,0-2-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	0.39	16-17	>863	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.41	16-17	>828	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	-0.10	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 259 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 3-19,8-15: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 11-12: 2x6 SP No.2
OTHERS	2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-10-11

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-8-6 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9.
BOT CHORD	Rigid ceiling directly applied or 3-6-12 oc bracing. Except: 1 Row at midpt 8-16
WEBS	1 Row at midpt 6-16, 9-16, 9-14, 10-14, 10-13

REACTIONS. (size) 1=0-3-8, 13=0-3-8
Max Horz 1=476(LC 11)
Max Uplift 1=-468(LC 9), 13=-528(LC 9)
Max Grav 1=1019(LC 1), 13=1383(LC 1)

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

TOP CHORD	1-2=-391/451, 2-3=-2346/2661, 3-4=-2428/2806, 4-6=-1673/1905, 6-7=-909/1059, 7-8=-732/1000, 8-9=-732/997, 9-10=-576/718
BOT CHORD	1-19=-1543/1214, 18-19=-1246/989, 17-18=-2184/1897, 16-17=-1475/1283, 8-16=-251/245
WEBS	4-18=-837/614, 4-17=-477/524, 6-17=-805/658, 6-16=-727/767, 7-16=-389/311, 14-16=-611/508, 9-16=-702/664, 9-14=-565/479, 10-14=-783/773, 10-13=-1189/1202, 2-19=-1369/1697, 2-18=-2528/2079

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever right exposed ; end vertical right exposed; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=468, 13=528.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943172
2544205	T23	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:18 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-4MoopqRp88dvwUeUXpeFD2kdE0YZg9MvoaKOU2yHgIp

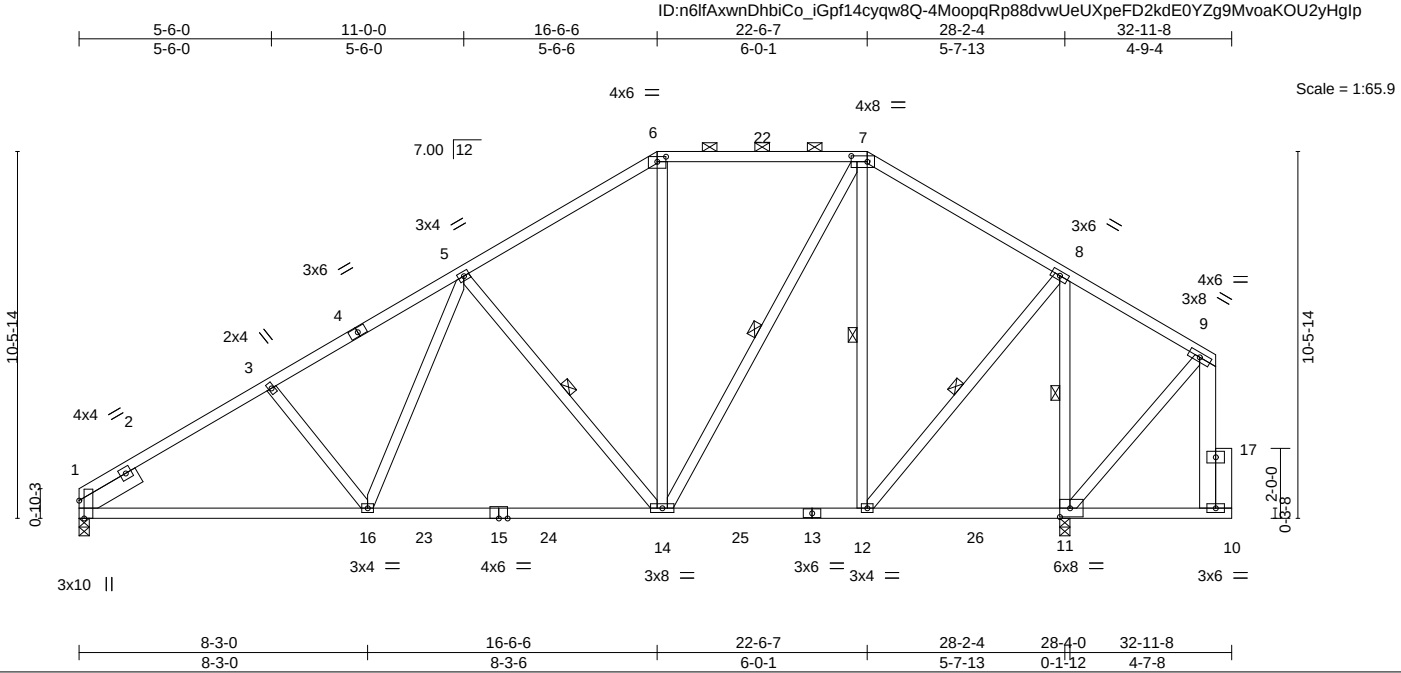


Plate Offsets (X,Y)-- [1:0-6-2,Edge], [6:0-3-0,0-1-12], [7:0-5-8,0-2-0], [11:0-3-8,0-3-0]

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)	0.24	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.33	14-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.03	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 230 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 7-14: 2x4 SP No.2, 9-10: 2x6 SP No.2
OTHERS	2x6 SP No.2
SLIDER	Left 2x6 SP No.2 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-9-12 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 4-7-8 oc bracing.
WEBS	1 Row at midpt 5-14, 7-14, 7-12, 8-12, 8-11

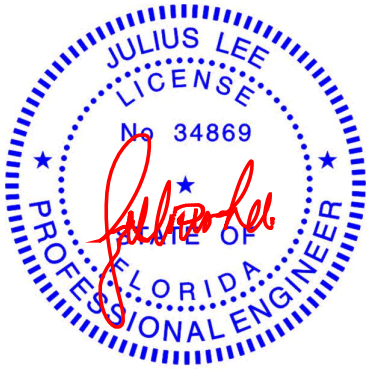
REACTIONS. (size) 1=0-3-8, 11=0-3-8
Max Horz 1=384(LC 11)
Max Uplift 1=-470(LC 9), 11=-526(LC 9)
Max Grav 1=1036(LC 19), 11=1392(LC 2)

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

TOP CHORD	1-3=-1496/1518, 3-5=-1381/1517, 5-6=-869/1032, 6-7=-700/952, 7-8=-589/717
BOT CHORD	1-16=-1463/1438, 14-16=-1148/1160, 12-14=-474/482
WEBS	3-16=-251/237, 5-16=-526/415, 5-14=-608/620, 6-14=-302/213, 7-14=-574/593, 7-12=-492/383, 8-12=-774/787, 8-11=-1184/1188

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever right exposed ; end vertical right exposed; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=470, 11=526.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943173
2544205	T24	Monopitch	7	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:18 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-4MoopqRp88dvwUeUXpeFD2kcU0amgFTvoaKOU2yHgIp

-1-6-0 4-7-0 8-3-8 12-6-0
1-6-0 4-7-0 3-8-8 4-2-8

Scale = 1:26.7

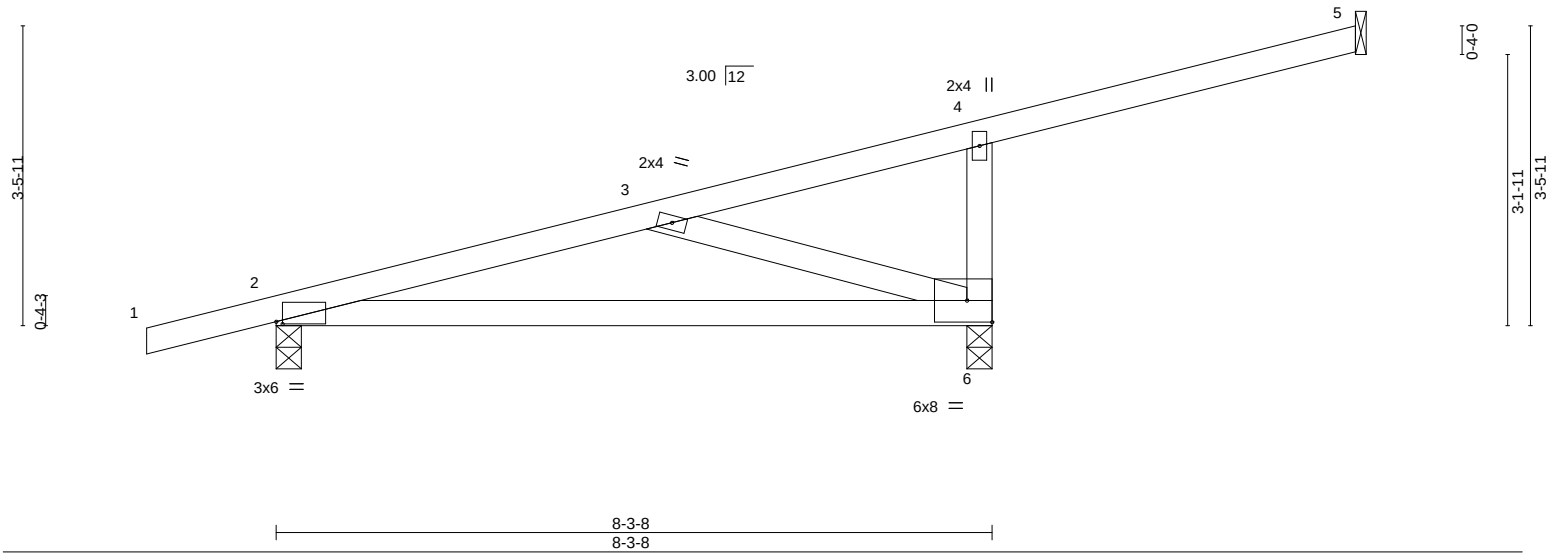


Plate Offsets (X,Y)-- [2:0-0-14,0-0-5]

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	0.62	Vert(LL)	0.22	6-9	>441	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	0.19	6-9	>510	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	-0.01	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 42 lb	FT = 20%

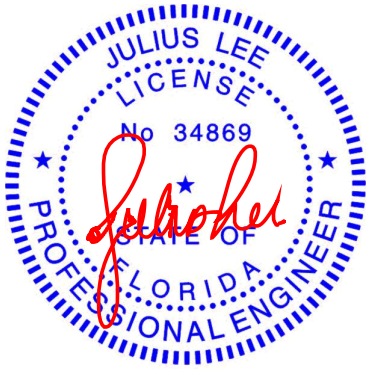
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-4-9 oc bracing.

REACTIONS. (size) 5=Mechanical, 2=0-3-8, 6=0-3-8
Max Horz 2=176(LC 8)
Max Uplift 5=-73(LC 8), 2=-290(LC 8), 6=-362(LC 8)
Max Grav 5=91(LC 1), 2=377(LC 1), 6=448(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-486/578
BOT CHORD 2-6=-753/467
WEBS 3-6=-471/724

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 2=290, 6=362.



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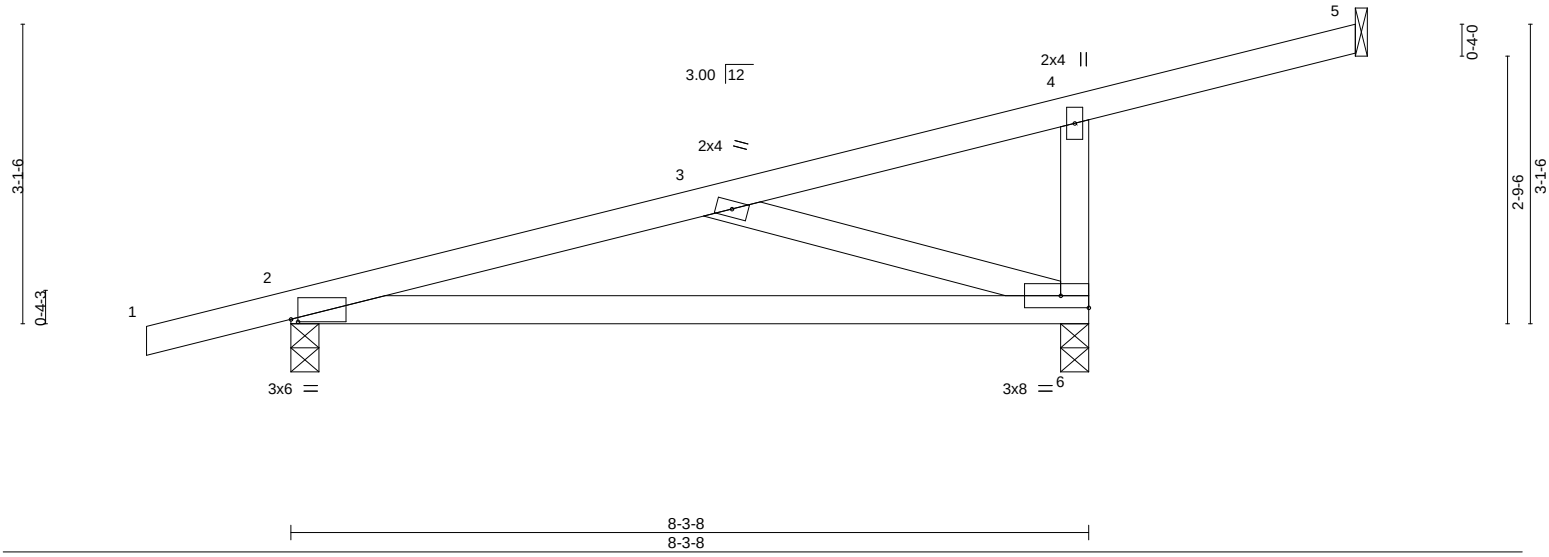
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T25	Monopitch	2	1	T21943174
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:19 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-YYMA1ASSvSlmYdDg5X9UlGHmAQw_Pid21E3y0UyHgIo

-1-6-0 4-7-0 8-3-8 11-0-12
1-6-0 4-7-0 3-8-8 2-9-4

Scale: 1/2"=1'



8-3-8
8-3-8

Plate Offsets (X,Y)-- [2:0-0-14,0-0-5]

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	0.62	Vert(LL)	0.22	6-9	>444	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	0.19	6-9	>513	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	-0.01	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 40 lb	FT = 20%

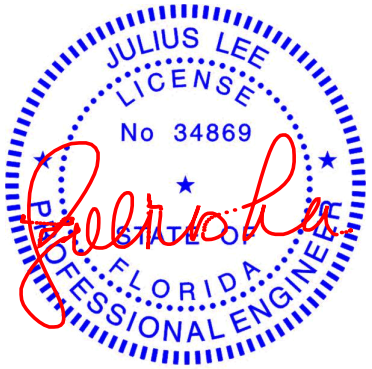
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-3-3 oc bracing.

REACTIONS. (size) 5=Mechanical, 2=0-3-8, 6=0-3-8
Max Horz 2=158(LC 8)
Max Uplift 5=-45(LC 8), 2=-299(LC 8), 6=-323(LC 8)
Max Grav 5=56(LC 1), 2=382(LC 1), 6=400(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-513/636
BOT CHORD 2-6=-785/494
WEBS 3-6=-487/743

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 2=299, 6=323.



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November 19,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES. T21943175
2544205	T26	Monopitch	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:20 2020 Page 1
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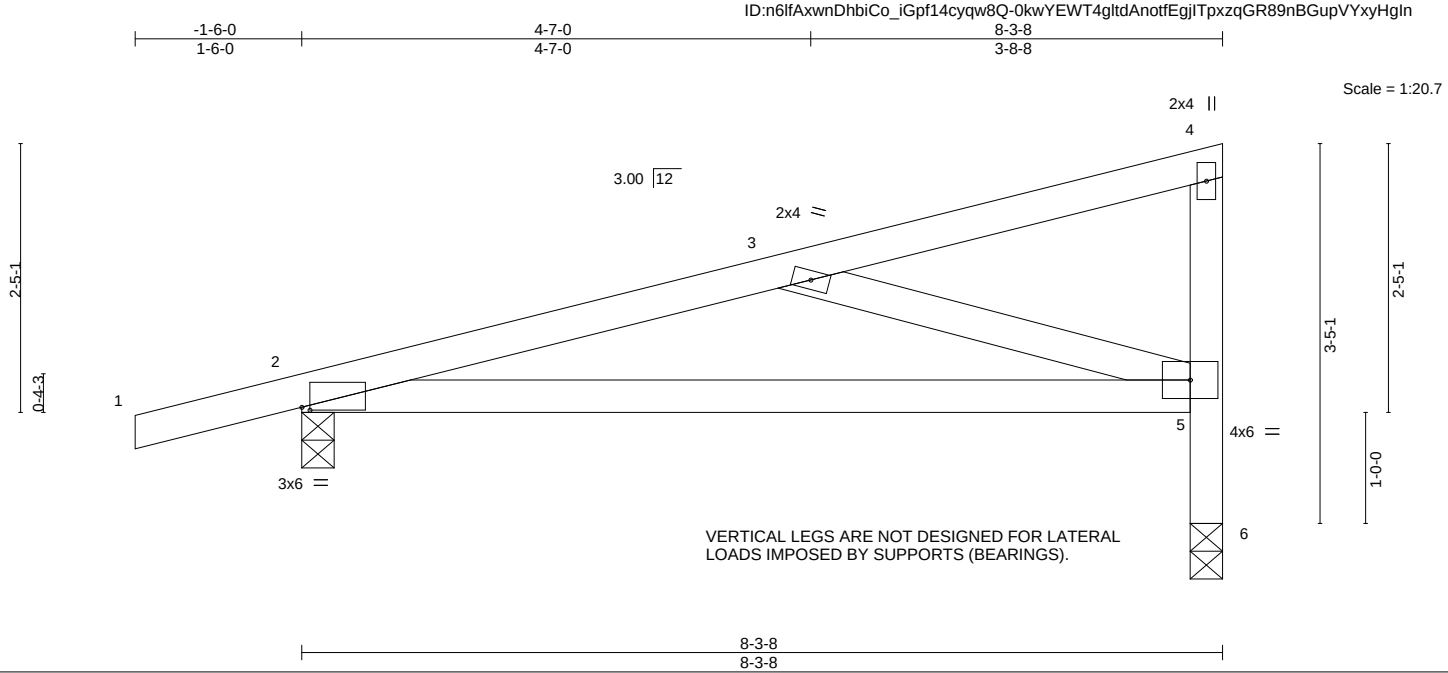


Plate Offsets (X,Y)-- [2:0-0-14,0-0-5]

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	0.62	Vert(LL)	0.21	5-9	>460	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	0.18	5-9	>531	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.23	Horz(CT)	-0.03	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 37 lb	FT = 20%

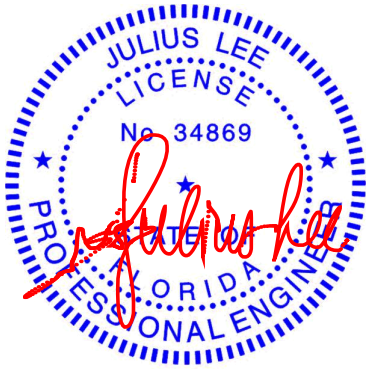
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-2-12 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=123(LC 8)
Max Uplift 2=-314(LC 8), 6=-239(LC 8)
Max Grav 2=390(LC 1), 6=294(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-552/717, 5-6=-294/485
BOT CHORD 2-5=-816/532
WEBS 3-5=-513/760

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Bearing at joint(s) 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=314, 6=239.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T27	Half Hip Girder	1	1	T21943176
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:21 2020 Page 1
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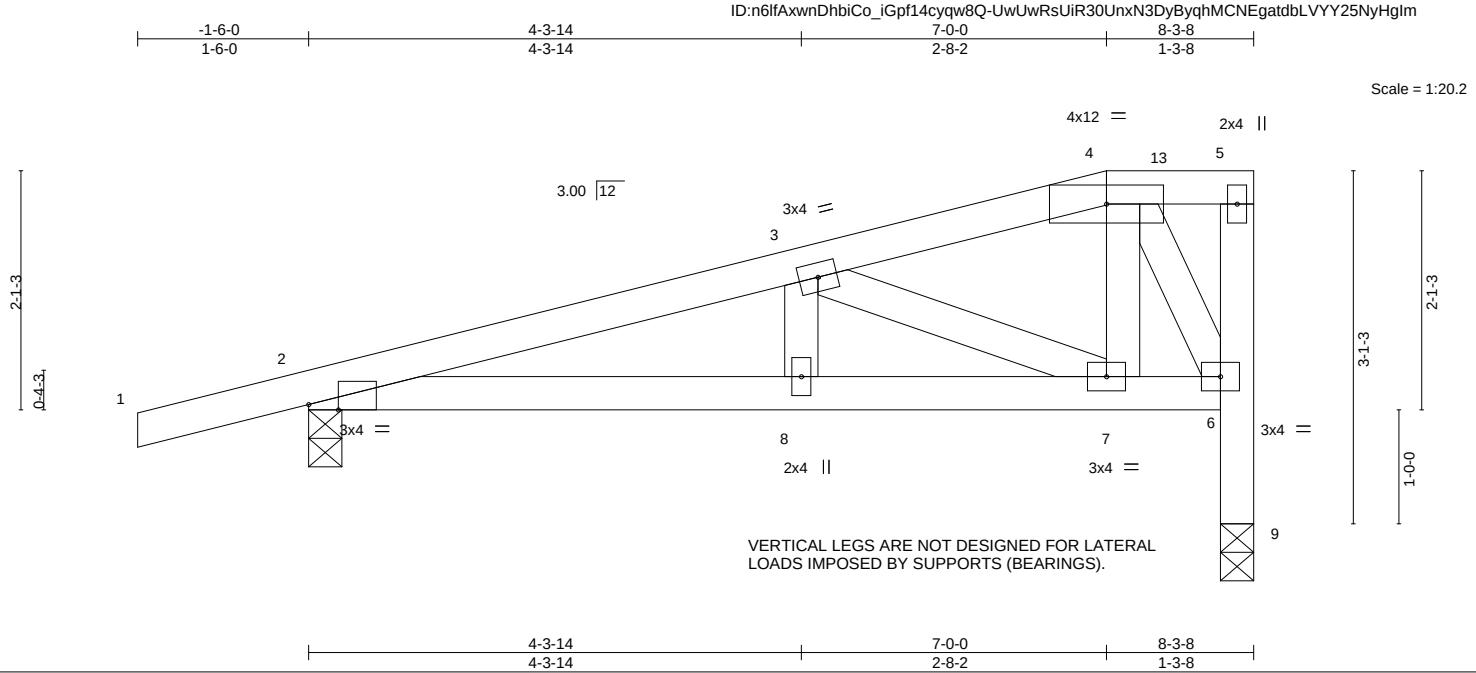


Plate Offsets (X,Y)-- [2:0-3-2,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	0.03	8-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.04	8-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.19	Horz(CT)	-0.02	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 41 lb	FT = 20%

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

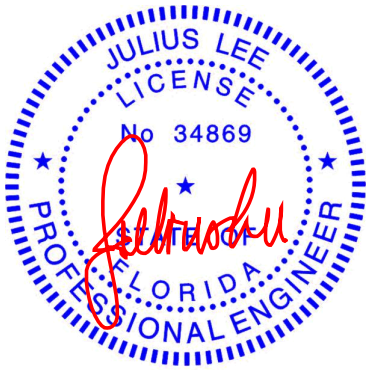
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-4-9 oc bracing.

REACTIONS. (size) 2=0-3-8, 9=0-3-8
Max Horz 2=110(LC 4)
Max Uplift 2=-364(LC 4), 9=-559(LC 4)
Max Grav 2=446(LC 1), 9=680(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-816/598, 3-4=-394/296, 6-9=-680/559
BOT CHORD 2-8=-632/777, 7-8=-632/777, 6-7=-332/402
WEBS 3-7=-448/366, 4-7=-416/501, 4-6=-716/592

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
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) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=364, 9=559.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 127 lb down and 127 lb up at 7-0-0 on top chord, and 335 lb down and 365 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-5=-54, 6-10=-20
Concentrated Loads (lb)
Vert: 7=-335(F) 4=-108(F)



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T28	Monopitch	1	1	T21943177

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:22 2020 Page 1
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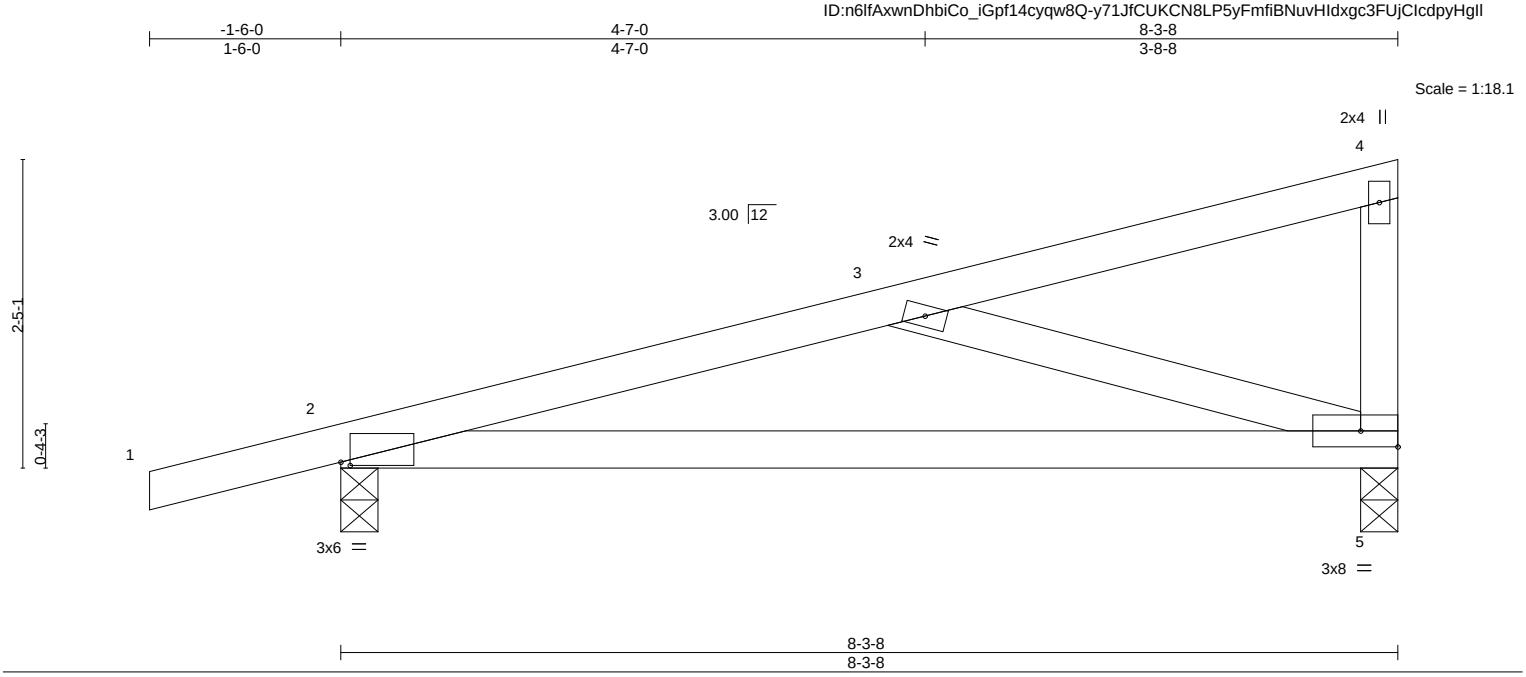

Plate Offsets (X,Y)-- [2:0-0-14,0-0-5]

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	0.63	Vert(LL)	0.22	5-8	>447	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	0.19	5-8	>516	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.23	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 36 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-2-1 oc bracing.

REACTIONS. (size) 2=0-3-8, 5=0-3-8
Max Horz 2=123(LC 8)
Max Uplift 2=-314(LC 8), 5=-239(LC 8)
Max Grav 2=390(LC 1), 5=294(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-551/715
BOT CHORD 2-5=-815/531
WEBS 3-5=-516/767

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=314, 5=239.

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T29	Half Hip Girder	1	1	T21943178

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:23 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-QJbhsYVyzgGB1FXSKNEQw6RYs1L2LW2eys199FyHgIk

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1-6-0 | 4-3-14 | 2-8-2 | 1-3-8

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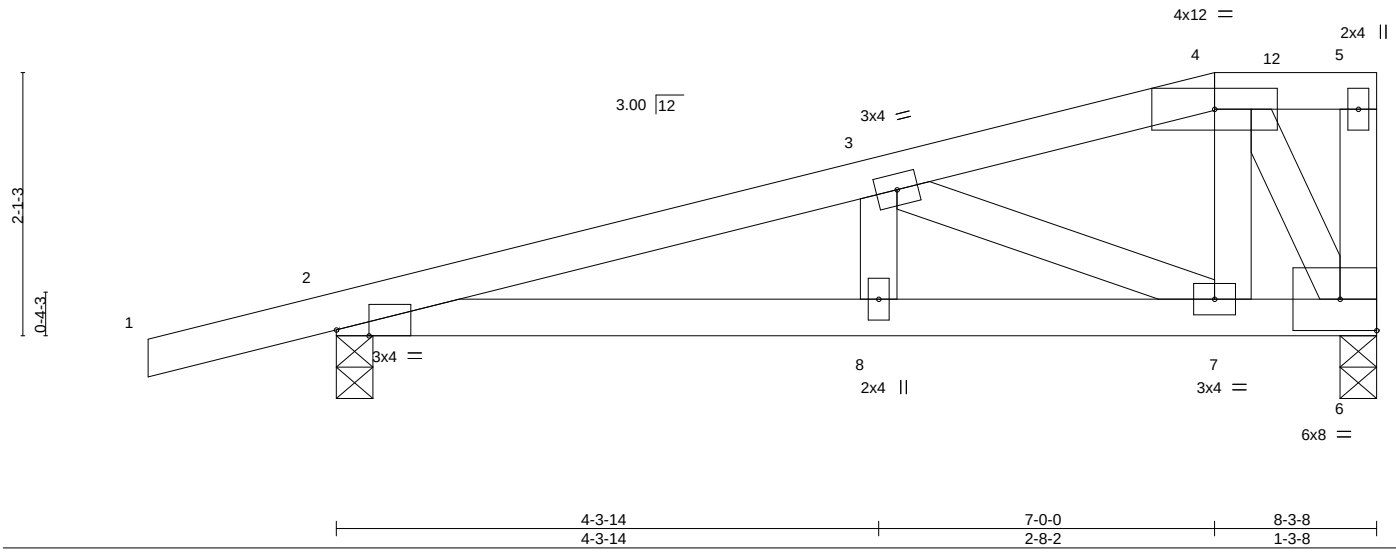

4-3-14 | 7-0-0 | 8-3-8
4-3-14 | 2-8-2 | 1-3-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	0.03	8-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.04	8-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.19	Horz(CT)	-0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 40 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-4-9 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=110(LC 4)
Max Uplift 2=-364(LC 4), 6=-559(LC 4)
Max Grav 2=446(LC 1), 6=680(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-816/598, 3-4=-394/297
BOT CHORD 2-8=-632/777, 7-8=-632/777, 6-7=-333/403
WEBS 3-7=-447/366, 4-7=-422/508, 4-6=-726/600

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=364, 6=559.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 127 lb down and 127 lb up at 7-0-0 on top chord, and 335 lb down and 365 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-5=-54, 6-9=-20
Concentrated Loads (lb)
Vert: 7=-335(B) 4=-108(B)

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T30	MONO TRUSS	16	1	T21943179
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:24 2020 Page 1
ID:n6lfAxwnDhbiCo_iGpf14cyqw8Q-vV934uWak_O2eP6eu4lfSJ_fxRh84x5nBWnjhiyHgIj

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1-6-0 6-0-0

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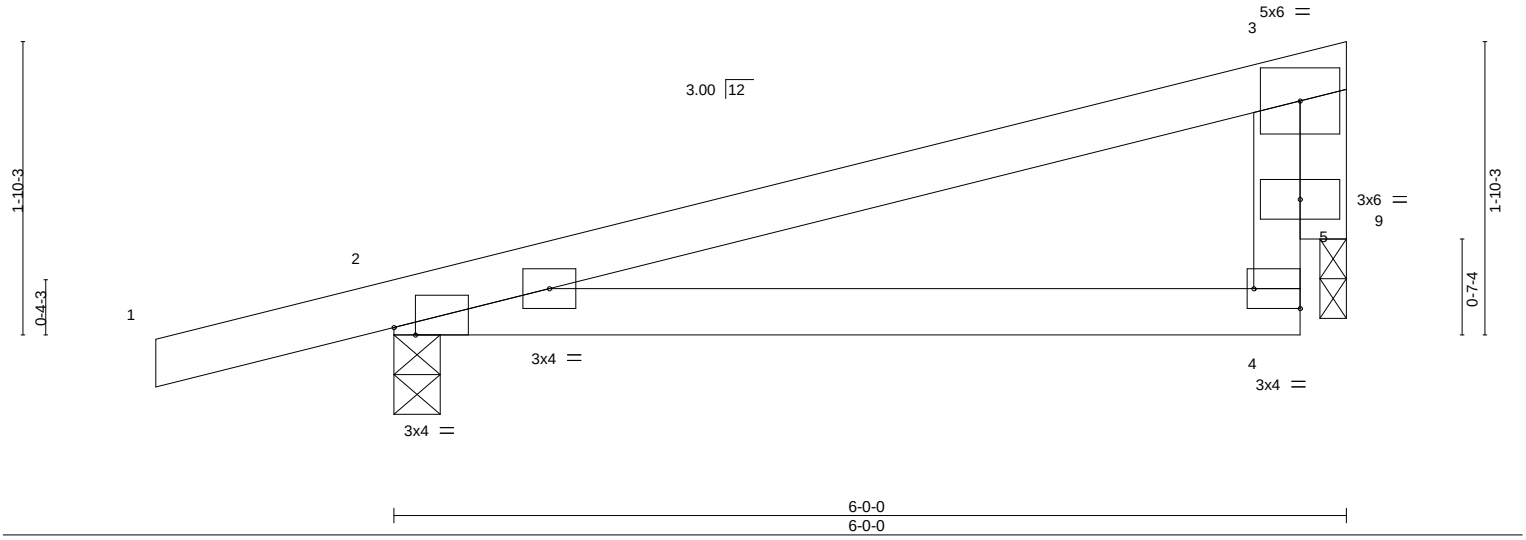


Plate Offsets (X,Y)-- [2:0-1-10,Edge], [4:Edge,0-1-8]

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	0.49	Vert(LL)	0.06	4-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	0.05	4-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MR							Weight: 23 lb	FT = 20%

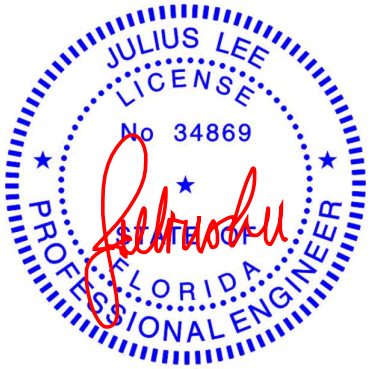
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-2-7 oc bracing.

REACTIONS. (size) 2=0-3-8, 9=0-2-0
Max Horz 2=92(LC 8)
Max Uplift 2=-257(LC 8), 9=-147(LC 8)
Max Grav 2=309(LC 1), 9=183(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-223/317
BOT CHORD 2-4=-359/201

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=257, 9=147.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MCNUTT RES.
2544205	T30G	Monopitch Supported Gable	2	1	T21943180

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Thu Nov 19 08:42:25 2020 Page 1
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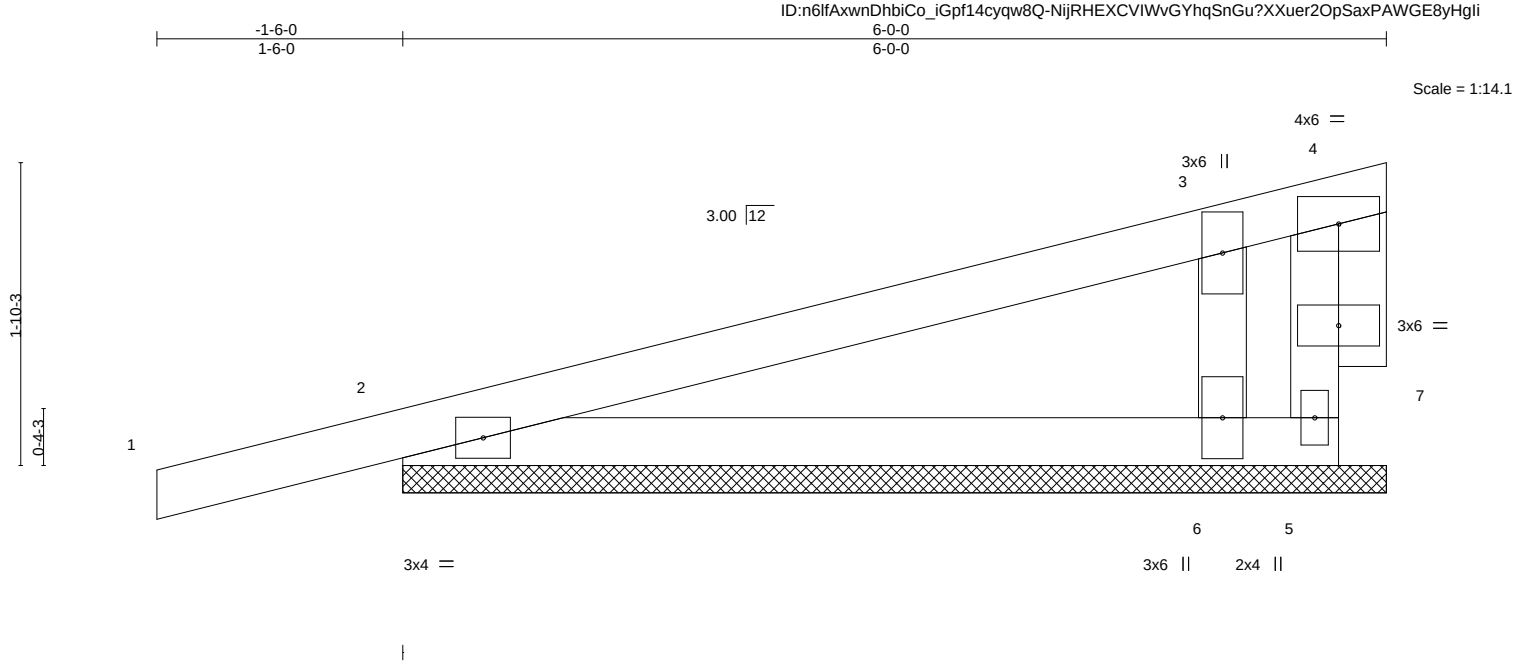


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 25 lb	FT = 20%

LUMBER-

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

BRACING-

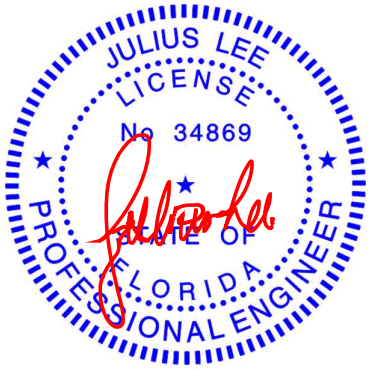
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=6-0-0, 2=6-0-0, 6=6-0-0
Max Horz 2=93(LC 8)
Max Uplift 5=-245(LC 1), 2=-162(LC 8), 6=-226(LC 12)
Max Grav 5=100(LC 12), 2=247(LC 1), 6=499(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-6=-332/428

NOTES-

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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) Gable requires continuous bottom chord bearing.
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 100 lb uplift at joint(s) except (jt=lb) 5=245, 2=162, 6=226.



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November 19,2020

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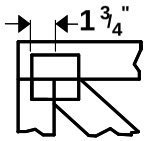
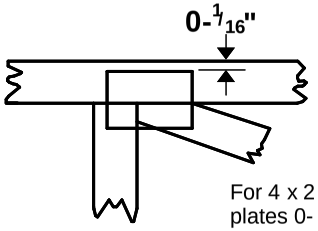
Symbols

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.

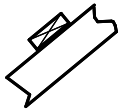
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

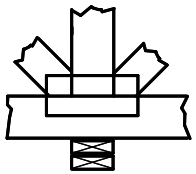
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

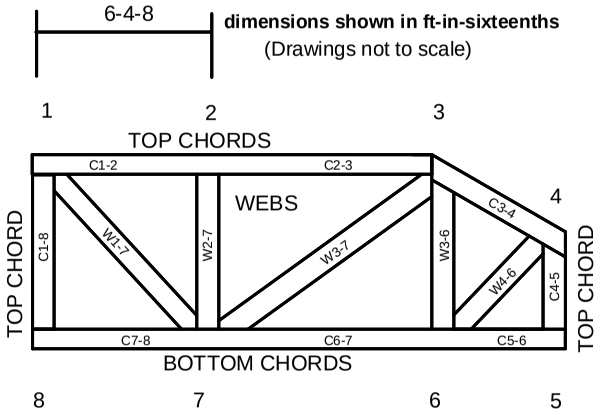


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.