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

RE: 2454743 - IC CONST - ADAM'S RES.

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

Site Information:

Customer Info: IC Const. Project Name: Adam's Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: 374 SW Paddock Court, 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):

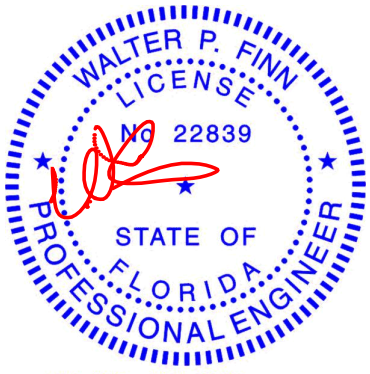
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: 55.0 psf

This package includes 36 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	T21450597	EJ01	9/30/20	23	T21450619	T11G	9/30/20
2	T21450598	EJ02	9/30/20	24	T21450620	T12	9/30/20
3	T21450599	PB01	9/30/20	25	T21450621	T13	9/30/20
4	T21450600	PB01G	9/30/20	26	T21450622	T13G	9/30/20
5	T21450601	PB02	9/30/20	27	T21450623	T14	9/30/20
6	T21450602	PB02G	9/30/20	28	T21450624	T15	9/30/20
7	T21450603	T01	9/30/20	29	T21450625	TF01	9/30/20
8	T21450604	T01G	9/30/20	30	T21450626	TF02	9/30/20
9	T21450605	T02	9/30/20	31	T21450627	TF03	9/30/20
10	T21450606	T03	9/30/20	32	T21450628	TF04	9/30/20
11	T21450607	T04	9/30/20	33	T21450629	TF05	9/30/20
12	T21450608	T05	9/30/20	34	T21450630	TF06	9/30/20
13	T21450609	T06	9/30/20	35	T21450631	TF07	9/30/20
14	T21450610	T07	9/30/20	36	T21450632	TG01	9/30/20
15	T21450611	T07G	9/30/20				
16	T21450612	T08	9/30/20				
17	T21450613	T08G	9/30/20				
18	T21450614	T09	9/30/20				
19	T21450615	T09G	9/30/20				
20	T21450616	T10	9/30/20				
21	T21450617	T10G	9/30/20				
22	T21450618	T11	9/30/20				

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: Finn, Walter
My license renewal date for the state of Florida is February 28, 2021.

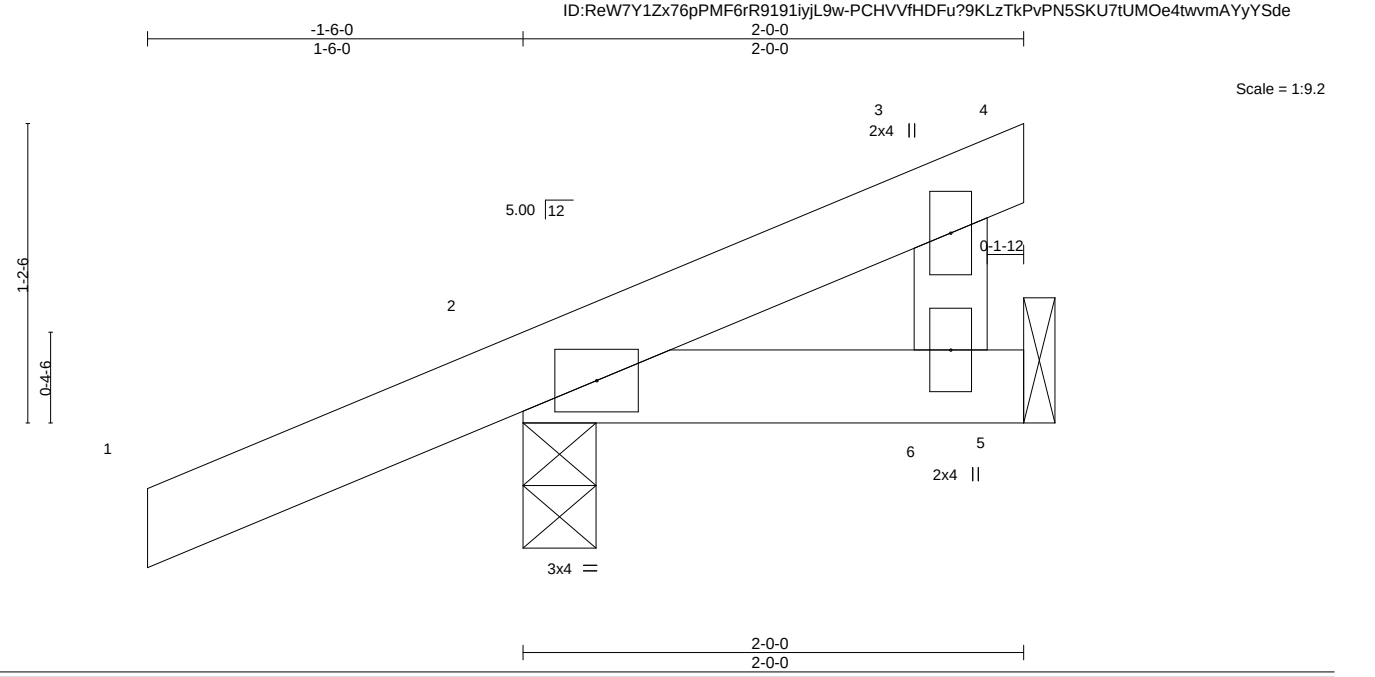


Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 30,2020

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.

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450597
2454743	EJ01	Jack-Open	8	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:21:41 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-PCHVVfHDFu?9KLzTkPvPN5SKU7tUMOe4twvmAYyYSde



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	-0.00	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: 10 lb	FT = 20%

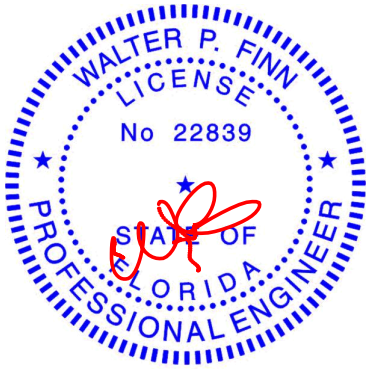
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 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=67(LC 12)
Max Uplift 2=-109(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=20ft; 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=109.



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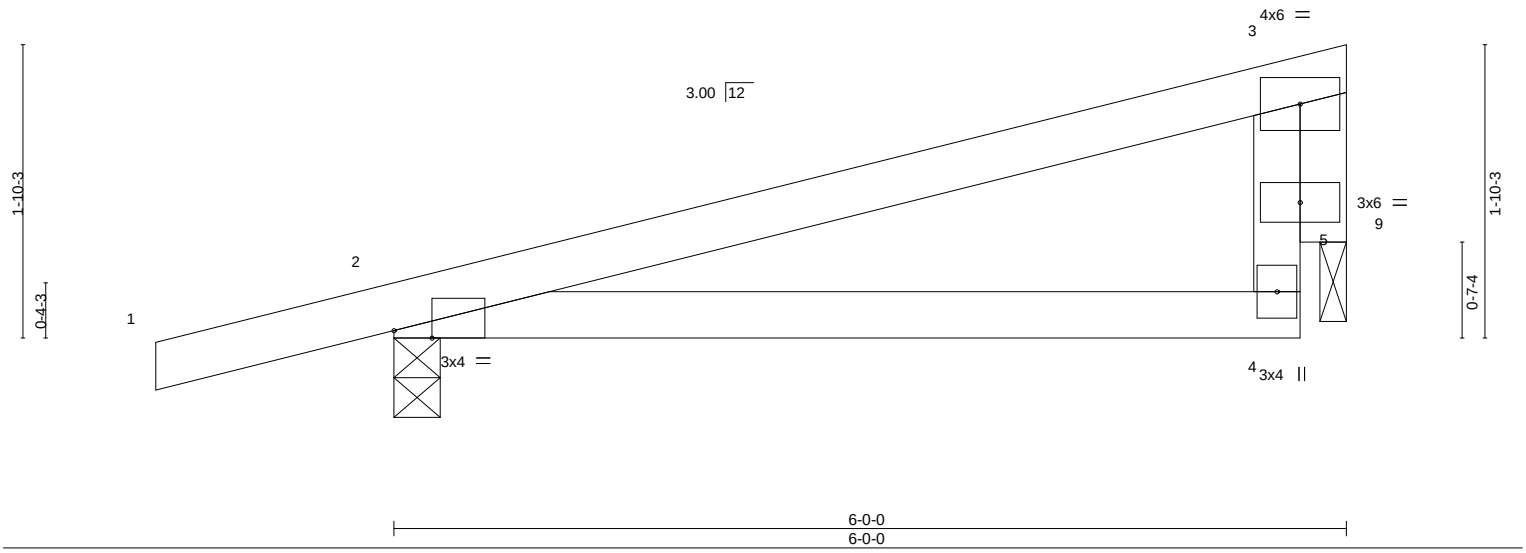
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450598
2454743	EJ02	MONO TRUSS	10	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:21:43 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-LaPFwLJTnVFsZf7srqytTWXcjxVwqFRNKEOtERyYSdc

-1-6-0 6-0-0
1-6-0 6-0-0

Scale = 1:14.5



6-0-0
6-0-0

Plate Offsets (X,Y)-- [2:0-2-14,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	0.37	Vert(LL)	-0.02	4-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.04	4-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	-0.00	9	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-

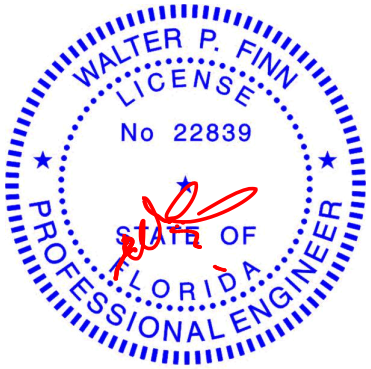
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 9=0-2-0
Max Horz 2=94(LC 8)
Max Uplift 2=-194(LC 8), 9=-94(LC 12)
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.

NOTES-

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; 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) 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) 9 except (jt=lb) 2=194.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
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Date:

September 30,2020

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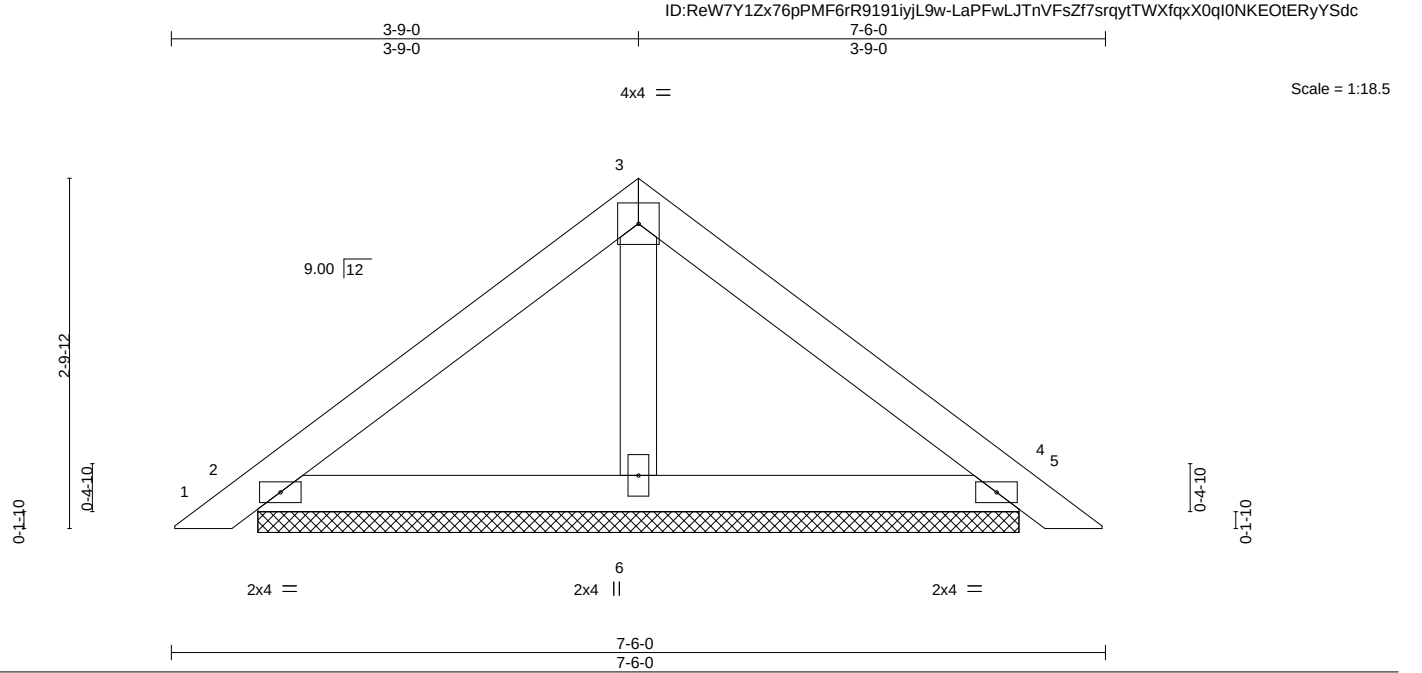
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	PB01	Piggyback	19	1	T21450599 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:21:43 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-LaPFwLJTnVFsZf7srqytTWXfqxX0ql0NKEOtERyYSdc



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	0.01	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: 26 lb	FT = 20%

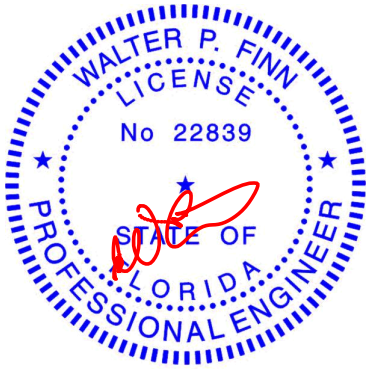
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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=6-1-5, 4=6-1-5, 6=6-1-5
Max Horz 2=-83(LC 10)
Max Uplift 2=-79(LC 12), 4=-90(LC 13), 6=-36(LC 12)
Max Grav 2=150(LC 1), 4=150(LC 1), 6=199(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=20ft; 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.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 30,2020

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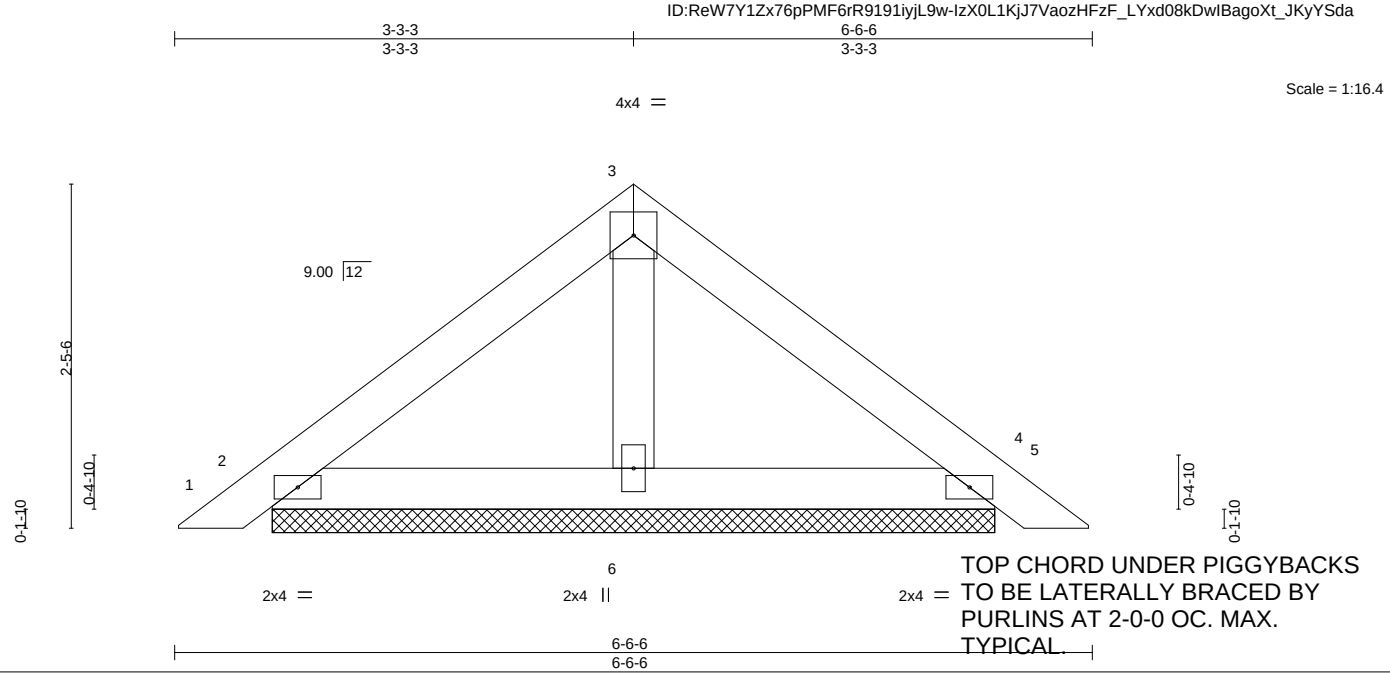
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450600
2454743	PB01G	GABLE	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:21:45 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-IzX0L1KjJ7VaozHFzF_LYxd08kDwIBagoXt_JKyYSda



TOP CHORD UNDER PIGGYBACKS TO BE LATERALLY BRACED BY PURLINS AT 2-0-0 OC. MAX. TYPICAL.

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	0.12	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	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: 22 lb	FT = 20%

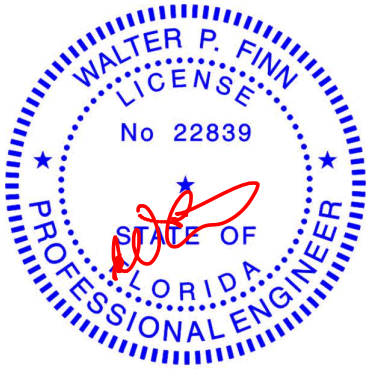
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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=5-1-11, 4=5-1-11, 6=5-1-11
Max Horz 2=-72(LC 10)
Max Uplift 2=-70(LC 12), 4=-79(LC 13), 6=-30(LC 12)
Max Grav 2=131(LC 1), 4=131(LC 1), 6=166(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=20ft; 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) 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) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 6.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Date:
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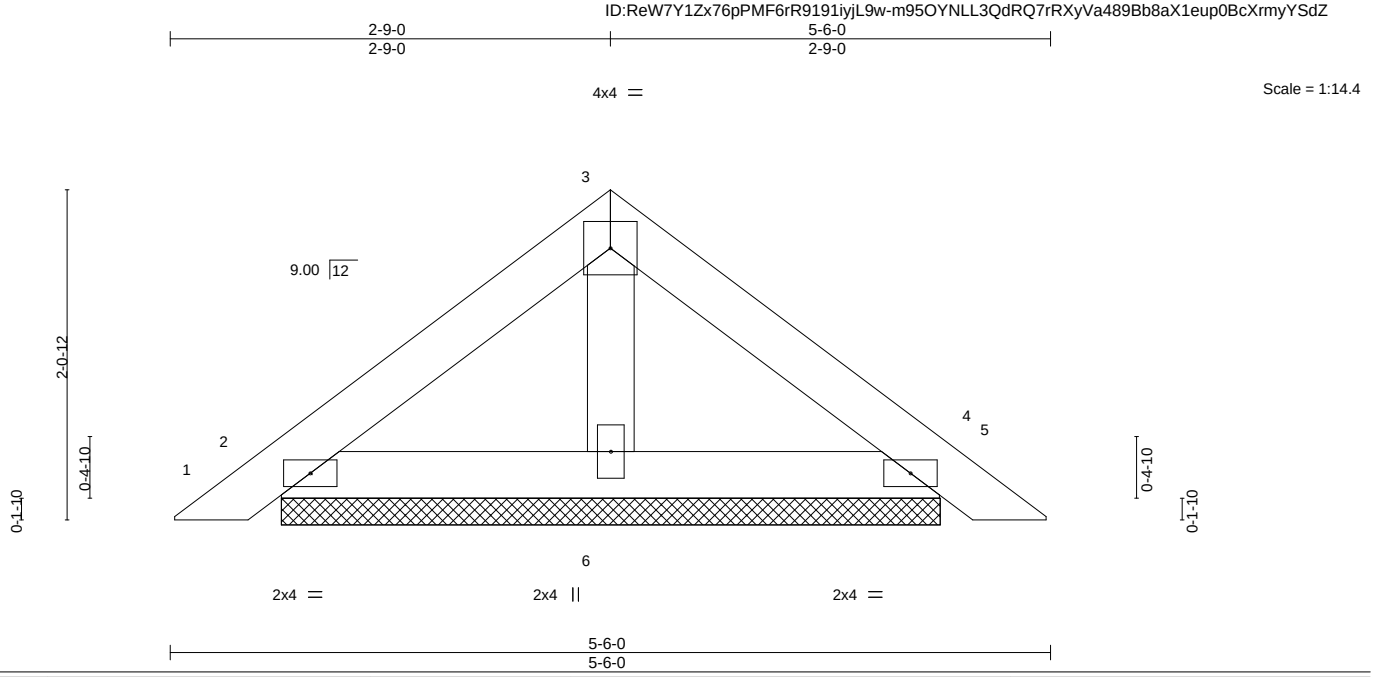
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	PB02	PIGGYBACK	12	1	T21450601 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:21:46 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-m95OYNLL3QdRQ7rRXyVa489Bb8aX1eup0BcXrmyYSdZ



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	0.08	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	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%

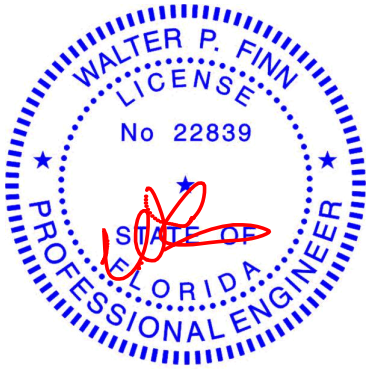
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 2=4-1-6, 4=4-1-6, 6=4-1-6
Max Horz 2=-60(LC 10)
Max Uplift 2=-59(LC 12), 4=-67(LC 13), 6=-22(LC 12)
Max Grav 2=110(LC 1), 4=110(LC 1), 6=132(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=20ft; 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.



Walter P. Finn PE No.22839
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Date:
September 30,2020

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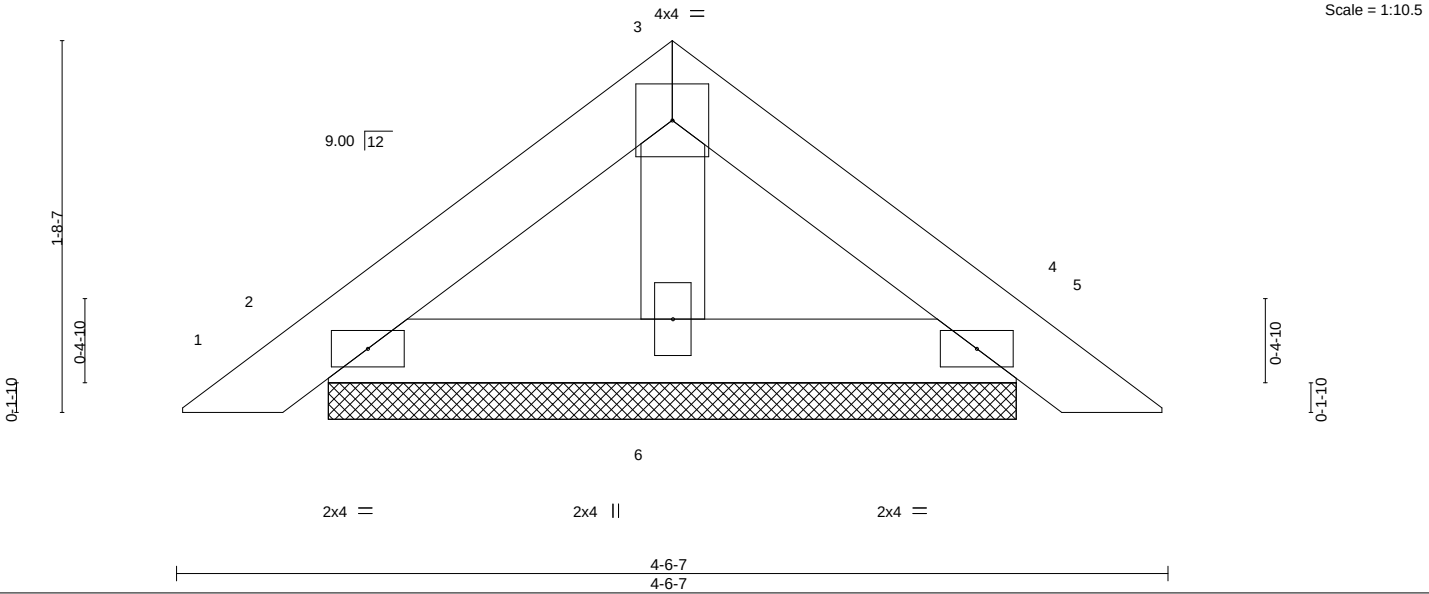
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450602
2454743	PB02G	PIGGYBACK	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:21:47 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-ELfmljMzqkII2GQd4g0pdMiNrYw0m5DyFrM5OCyYSdY



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%

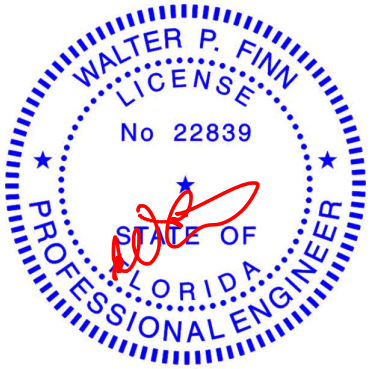
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=3-1-12, 4=3-1-12, 6=3-1-12
Max Horz 2=-48(LC 10)
Max Uplift 2=-50(LC 12), 4=-56(LC 13), 6=-15(LC 12)
Max Grav 2=91(LC 1), 4=90(LC 1), 6=99(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=20ft; 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 - ADAM'S RES. T21450603
2454743	T01	Attic	4	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:21:49 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-AkmWAPNEML00Haa0C53Hinne0MW_EnkFi9rBS5yYSdW

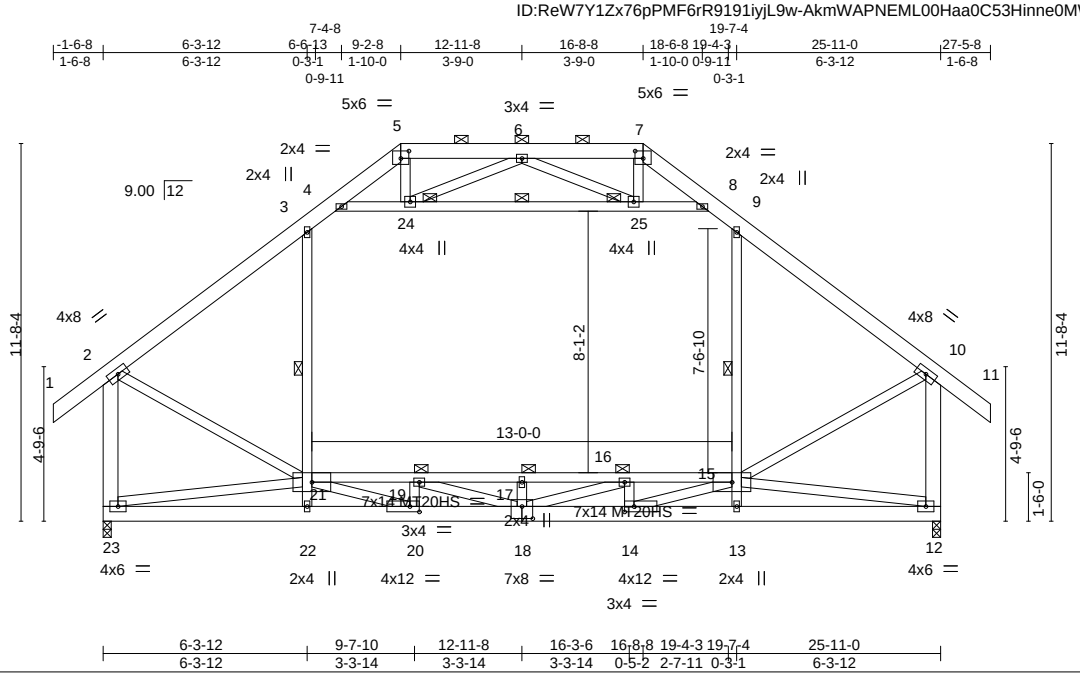


Plate Offsets (X,Y)-- [5:0-3-0,0-2-12], [7:0-3-0,0-2-12], [14:0-3-8,0-2-0], [18:0-4-0,0-4-8], [20:0-3-8,0-2-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	-0.08	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.15	16-17	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.01	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.06	15-21	2475	360	Weight: 297 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP M 26 *Except* 15-21: 2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 2-23,10-12: 2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-8-9 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-7.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 3-21, 9-15, 24-25
JOINTS	1 Brace at Jt(s): 24, 25, 17, 19, 16

REACTIONS. (size) 23=0-3-0, 12=0-3-0
Max Horz 23=465(LC 11)
Max Uplift 23=-128(LC 12), 12=-128(LC 13)
Max Grav 23=1688(LC 2), 12=1688(LC 2)

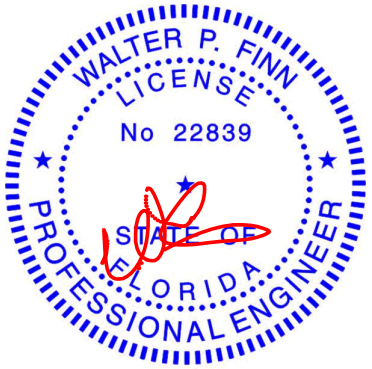
ATTIC FLOOR MAY BE BRACED BY STRUCTURAL SHEATHING DIRECTLY APPLIED IN LIEU OF PURLINS SHOWN. TYPICAL.

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

TOP CHORD	2-3=-1496/191, 3-4=-1113/335, 4-5=-493/245, 5-6=-343/236, 6-7=-343/239, 7-8=-493/247, 8-9=-1113/336, 9-10=-1496/189, 2-23=-1663/314, 10-12=-1663/325
BOT CHORD	22-23=-858/759, 20-22=-896/748, 18-20=-259/1805, 14-18=0/1547, 13-14=-555/425, 12-13=-517/421, 19-21=-599/175, 17-19=-1139/0, 16-17=-1139/0, 15-16=-702/303
WEBS	21-22=0/277, 3-21=-44/589, 13-15=0/277, 9-15=-44/589, 4-24=-1040/146, 24-25=-896/22, 8-25=-1054/152, 2-21=-49/1293, 10-15=-66/1307, 6-24=-302/219, 6-25=-302/220, 17-18=-372/0, 19-20=-654/15, 20-21=0/1902, 18-19=-241/848, 14-16=-654/19, 14-15=0/1902, 16-18=-256/860, 21-23=-344/445, 12-15=-470/562

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=20ft; 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) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Ceiling dead load (5.0 psf) on member(s). 3-4, 8-9, 4-24, 24-25, 8-25; Wall dead load (5.0psf) on member(s).3-21, 9-15
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 19-21, 17-19, 16-17, 15-16
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 23=128, 12=128.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Attic room checked for L/360 deflection.



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Date:

September 30,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450604
2454743	T01G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:21:53 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-3V010mQkQaWSmBunRw7EtdyMYzsAAc5rdnpPbsyYSdS

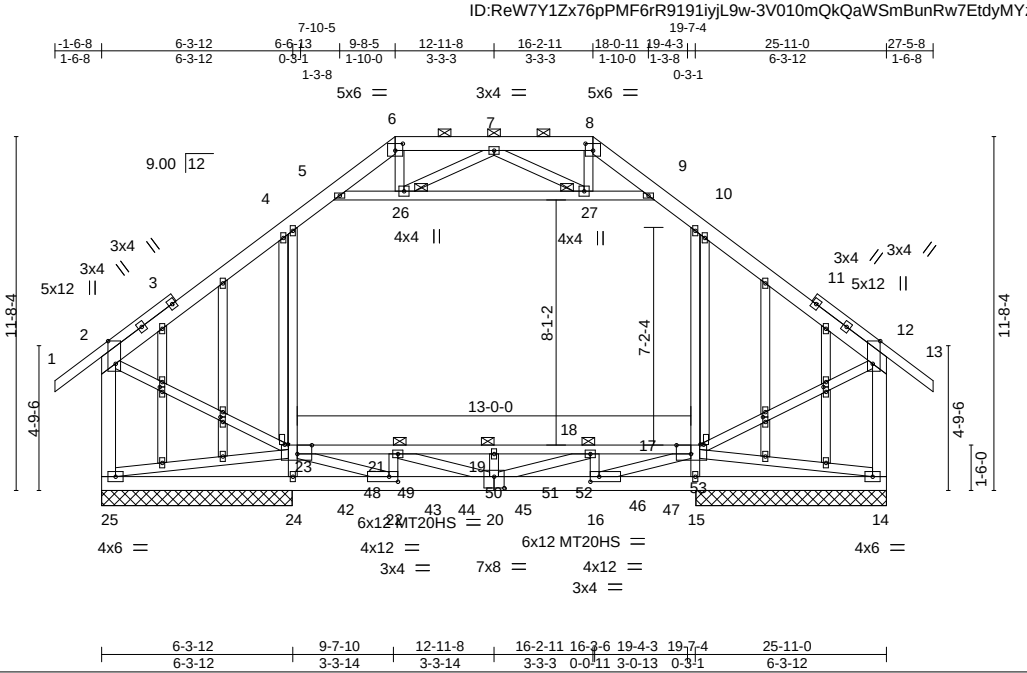

Plate Offsets (X,Y)-- [2:0-9-0,Edge], [6:0-3-0,0-2-12], [8:0-3-0,0-2-12], [12:0-9-0,Edge], [16:0-3-8,0-2-0], [17:0-5-12,Edge], [17:0-0-2,0-1-4], [20:0-4-0,0-4-8], [22:0-3-8,0-2-0], [23:0-0-2,0-1-4], [23:0-5-12,Edge], [30:0-1-15,0-1-0], [33:0-1-15,0-1-0], [35:0-1-15,0-1-0], [38:0-1-15,0-1-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.22	Vert(LL)	-0.07	19-21	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.12	19-21	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.88	Horz(CT)	-0.01	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.07	17-23	2345	360	Weight: 348 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except* 1-3,11-13: 2x4 SP No.2
BOT CHORD 2x6 SP M 26 *Except* 17-23: 2x4 SP No.2
WEBS 2x4 SP No.3 *Except* 2-25,12-14: 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.): 6-8.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 26, 27, 19, 21, 18

REACTIONS. All bearings 6-3-8.
(lb) - Max Horz 25=-453(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 25=-193(LC 8), 24=-294(LC 12), 15=-295(LC 13), 14=-155(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 25=631(LC 1), 24=1413(LC 42), 15=1383(LC 43), 14=631(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-549/188, 4-5=-513/263, 5-6=-510/244, 6-7=-398/231, 7-8=-398/230, 8-9=-510/244, 9-10=-513/263, 10-12=-549/174, 2-25=-649/221, 12-14=-649/213
BOT CHORD 24-25=-875/172, 22-24=-790/212, 20-22=-130/1113, 16-20=-33/1067, 15-16=-678/26, 14-15=-773/60, 21-23=-803/78, 19-21=-1444/35, 18-19=-1444/35, 17-18=-803/100
WEBS 23-24=-1145/303, 4-23=-484/359, 15-17=-1115/304, 10-17=-491/359, 2-23=-203/469, 12-17=-193/469, 19-20=-366/0, 21-22=-660/0, 22-23=0/1851, 20-21=0/677, 16-18=-660/0, 16-17=0/1851, 18-20=-9/677, 23-25=-94/823, 14-17=-31/787

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=20ft; 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 MT20 plates unless otherwise indicated.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Ceiling dead load (5.0 psf) on member(s). 4-5, 9-10, 5-26, 26-27, 9-27; Wall dead load (5.0psf) on member(s).4-23, 10-17
11) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 21-23, 19-21, 18-19, 17-18

Continued on page 2

WALTER P. FINN LICENSE No 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

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NOTES-

12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 193 lb uplift at joint 25, 294 lb uplift at joint 24, 295 lb uplift at joint 15 and 155 lb uplift at joint 14.
13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 26 lb down and 30 lb up at 6-0-4, 26 lb down and 30 lb up at 8-0-4, 26 lb down and 30 lb up at 10-0-4, 26 lb down and 30 lb up at 12-0-4, 26 lb down and 30 lb up at 13-10-12, 26 lb down and 30 lb up at 15-10-12, and 26 lb down and 30 lb up at 17-10-12, and 26 lb down and 30 lb up at 19-10-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
15) Attic room checked for L/360 deflection.
16) 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, 4-5=-64, 5-6=-54, 6-8=-54, 8-9=-54, 9-10=-64, 10-12=-54, 12-13=-54, 14-25=-20, 17-23=-40, 5-9=-10
   Drag: 4-23=-10, 10-17=-10
   Concentrated Loads (lb)
   Vert: 24=-13(F) 15=-13(F) 42=-13(F) 43=-13(F) 44=-13(F) 45=-13(F) 46=-13(F) 47=-13(F)

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450605
2454743	T02	ATTIC	3	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:21:55 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-?u8oRSS?yBm9?V2AYLAiy21bsmUleU4855lWgkyYSdQ

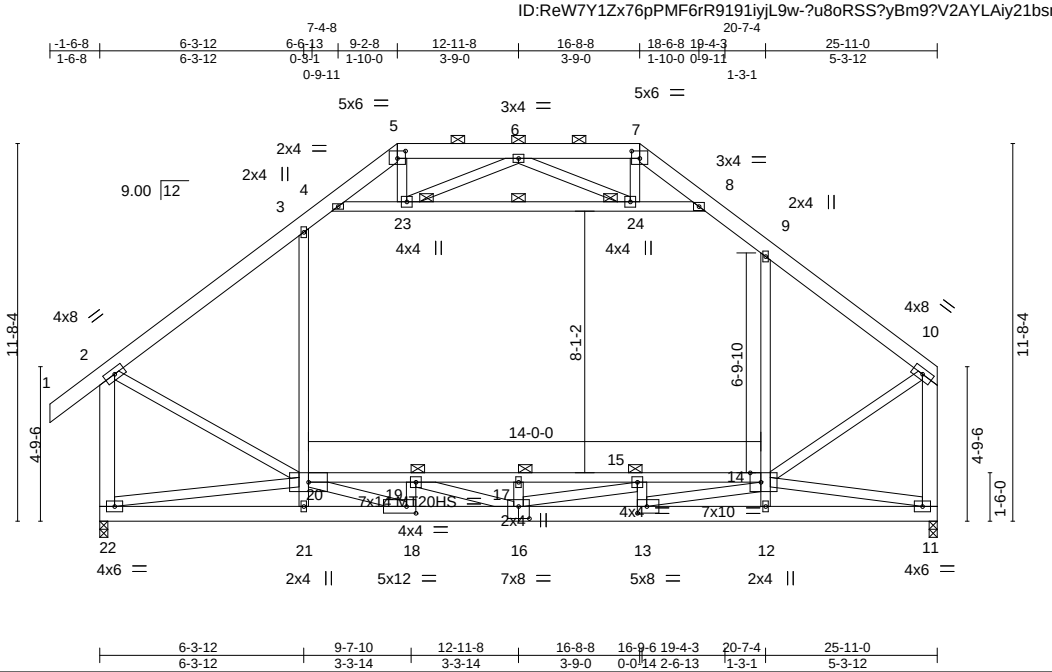


Plate Offsets (X,Y)-- [5:0-3-0,0-2-12], [7:0-3-0,0-2-12], [13:0-3-8,0-2-8], [14:0-4-0,Edge], [16:0-4-0,0-4-8], [18:0-3-8,0-2-8]

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	0.68	Vert(LL)	-0.12	15-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL 1.25	BC	0.74	Vert(CT)	-0.21	15-17	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr YES	WB	0.98	Horz(CT)	0.01	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014	Matrix-MS		Attic	-0.09	14-20	1866	360	Weight: 292 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP M 26 *Except* 14-20: 2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 2-22,10-11: 2x6 SP No.2, 13-14: 2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-1-8 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-7.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 23-24
JOINTS	1 Brace at Jt(s): 23, 24, 17, 19, 15

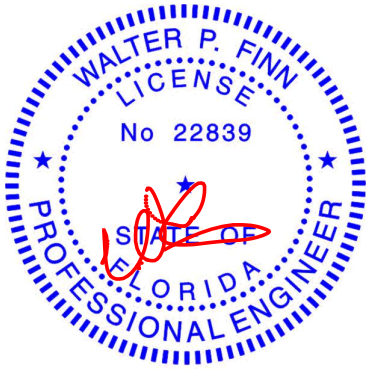
REACTIONS. (size) 22=0-3-0, 11=0-3-0
Max Horz 22=451(LC 9)
Max Uplift 22=-124(LC 12), 11=-58(LC 13)
Max Grav 22=1711(LC 2), 11=1690(LC 2)

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

TOP CHORD	2-3=-1512/176, 3-4=-1107/329, 4-5=-483/249, 5-6=-338/239, 6-7=-321/315, 7-8=-478/299, 8-9=-1165/321, 9-10=-1518/138, 2-22=-1681/304, 10-11=-1729/194
BOT CHORD	21-22=-838/759, 18-21=-861/748, 16-18=-253/1949, 13-16=0/1838, 12-13=-654/459, 11-12=-614/455, 19-20=-755/152, 17-19=-1446/0, 15-17=-1446/0, 14-15=-964/227
WEBS	20-21=0/277, 3-20=-28/639, 12-14=0/270, 9-14=-85/604, 4-23=-1057/122, 23-24=-985/5, 8-24=-1214/101, 2-20=-50/1298, 10-14=-79/1348, 6-23=-290/246, 6-24=-352/207, 16-17=-400/0, 18-19=-701/2, 18-20=0/2055, 16-19=-199/981, 13-15=-703/8, 13-14=0/2340, 15-16=-288/877, 20-22=-370/439, 11-14=-500/663

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=20ft; 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) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Ceiling dead load (5.0 psf) on member(s). 3-4, 8-9, 4-23, 23-24, 8-24; Wall dead load (5.0psf) on member(s).3-20, 9-14
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 19-20, 17-19, 15-17, 14-15
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 124 lb uplift at joint 22 and 58 lb uplift at joint 11.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Attic room checked for L/360 deflection.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 30,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	T03	ATTIC	1	2	T21450606
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:21:57 2020 Page 1
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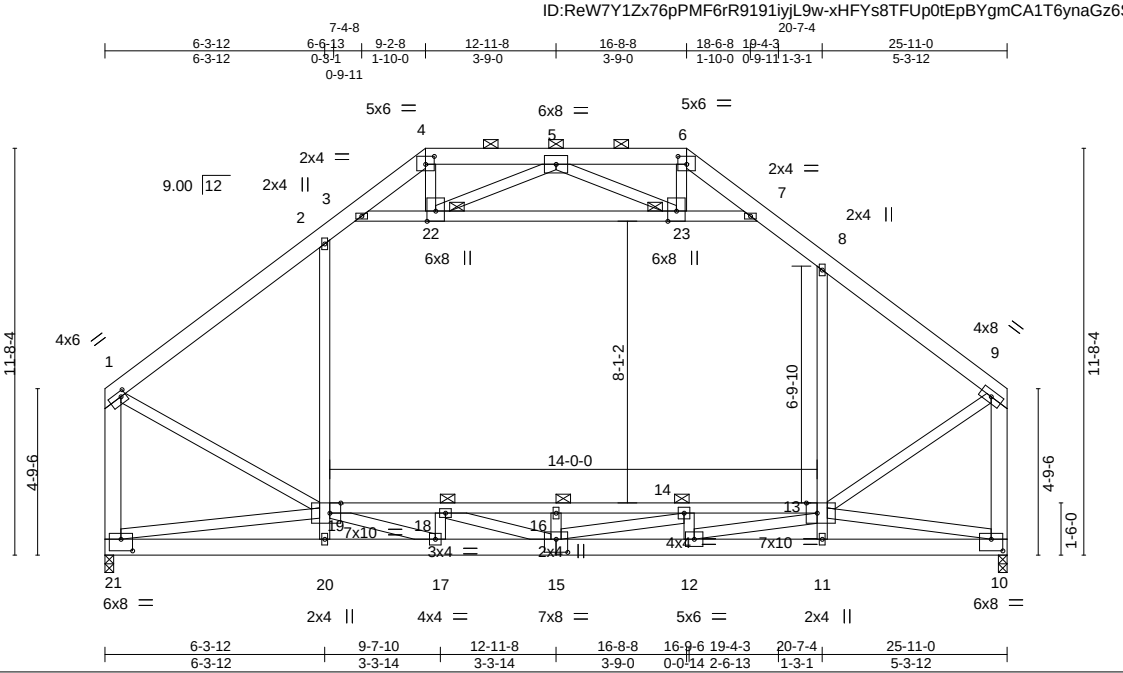


Plate Offsets (X,Y)-- [1:0-1-12,0-1-12], [4:0-3-0,0-2-12], [6:0-3-0,0-2-12], [10:0-4-0,0-4-0], [13:0-3-12,Edge], [15:0-4-0,0-4-8], [19:0-3-12,Edge], [21:0-4-0,0-4-0], [22:0-3-8,0-3-0], [23:0-3-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.07	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	-0.10	16-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.76	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS		Attic	-0.05	13-19	3436	360	Weight: 575 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP M 26 *Except*
13-19: 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
3-7: 2x4 SP No.2, 1-21,9-10: 2x6 SP No.2

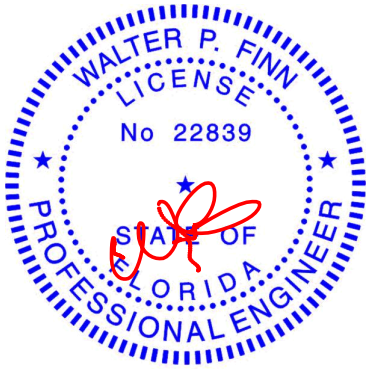
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-6.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 22, 23, 16, 18, 14

REACTIONS. (size) 21=0-3-0, 10=0-3-0
Max Horz 21=-423(LC 32)
Max Uplift 21=-1527(LC 12), 10=-1199(LC 13)
Max Grav 21=4909(LC 42), 10=3823(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4120/1370, 2-3=-3843/1709, 3-4=-4330/2131, 4-5=-3592/1911, 5-6=-3861/2115, 6-7=-4484/2247, 7-8=-3820/1667, 8-9=-3616/1207, 1-21=-4489/1529, 9-10=-4016/1360
BOT CHORD 20-21=-1407/2341, 17-20=-1443/2361, 15-17=-732/3365, 12-15=-31/1745, 11-12=-1574/698, 10-11=-1502/691, 18-19=-1803/923, 16-18=-1687/753, 14-16=-1687/753, 13-14=-1423/1754
WEBS 2-19=-1435/988, 11-13=-5/310, 8-13=-1061/1121, 3-22=-2151/1085, 22-23=-3978/5641, 7-23=-2283/1136, 1-19=-1051/3126, 9-13=-1150/3385, 4-22=-1064/2293, 6-23=-978/2175, 5-22=-5224/2597, 5-23=-4968/2411, 15-16=-404/0, 17-18=-527/0, 17-19=0/1697, 15-18=-322/677, 12-14=-934/82, 12-13=-202/3055, 14-15=-549/1772, 19-21=-1958/1020, 10-13=-753/1584

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-2-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; 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
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Ceiling dead load (5.0 psf) on member(s). 2-3, 7-8, 3-22, 22-23, 7-23; Wall dead load (5.0psf) on member(s).2-19, 8-13
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 18-19, 16-18, 14-16, 13-14

Continued on page 2



Walter P. Finn PE No.22839
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6904 Parke East Blvd. Tampa FL 33610
Date: September 30,2020

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6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1527 lb uplift at joint 21 and 1199 lb uplift at joint 10.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 4574 lb down and 2254 lb up at 12-11-8 on top chord. The design/selection of such connection device(s) is the responsibility of others.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 2-3=-64, 3-4=-54, 4-6=-54, 6-7=-54, 7-8=-64, 8-9=-54, 10-21=-20, 13-19=-40, 3-7=-10
      Drag: 2-19=-10, 8-13=-10
   Concentrated Loads (lb)
      Vert: 5=-4574(B)
   Trapezoidal Loads (plf)
      Vert: 1=-229-to-2=-154

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	T04	ATTIC	1	2	T21450607

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:00 2020 Page 1

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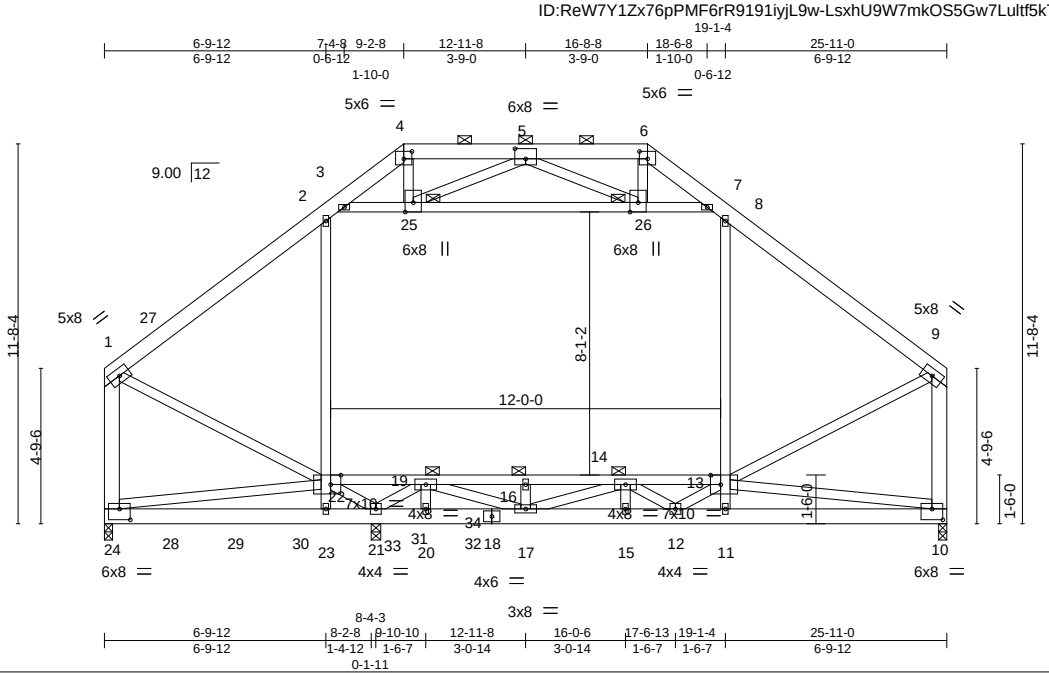


Plate Offsets (X,Y)-- [4:0-3-0,0-2-12], [5:0-4-0,0-3-12], [6:0-3-0,0-2-12], [10:0-4-0,0-4-0], [13:0-3-12,Edge], [22:0-3-12,Edge], [24:0-4-0,0-4-0], [25:0-3-8,0-3-0], [26:0-3-8,0-3-0]

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	0.52	Vert(LL)	-0.03	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.87	Vert(CT)	-0.05	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.75	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.02	13-22	6501	360	Weight: 580 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP M 26 *Except*
13-22: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
3-7: 2x4 SP No.2, 1-24,9-10: 2x6 SP No.2

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.): 4-6.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 23-24,21-23.
JOINTS 1 Brace at Jt(s): 25, 26, 16, 19, 14

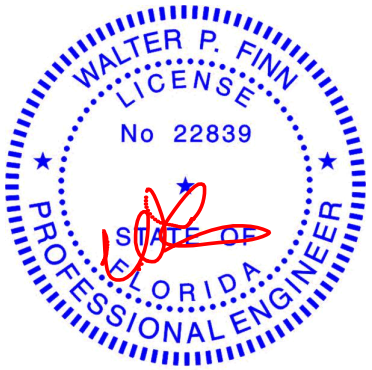
REACTIONS. (size) 24=0-3-0, 10=0-3-0, 21=0-3-8
Max Horz 24=-423(LC 6)
Max Uplift 24=-1457(LC 4), 10=-1200(LC 9), 21=-531(LC 5)
Max Grav 24=3983(LC 2), 10=3415(LC 21), 21=2193(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3474/1330, 2-3=-3536/1535, 3-4=-4082/1985, 4-5=-3287/1770, 5-6=-3486/1650, 6-7=-4189/1952, 7-8=-3490/1516, 8-9=-3099/1082, 1-24=-3736/1396, 9-10=-3117/1124
BOT CHORD 23-24=-918/713, 21-23=-959/749, 20-21=-210/982, 17-20=-210/982, 15-17=-217/2143, 12-15=-217/2143, 11-12=-519/1246, 10-11=-494/1224, 19-22=-518/2700, 16-19=-871/842, 14-16=-871/842, 13-14=-740/873
WEBS 22-23=-290/292, 2-22=-1795/1105, 8-13=-1121/779, 3-25=-1543/1000, 25-26=-3483/5751, 7-26=-1189/1067, 1-22=-1127/2608, 9-13=-843/2635, 4-25=-1042/2290, 6-26=-1005/2189, 5-25=-5215/2539, 5-26=-4996/2474, 16-17=-336/0, 19-20=-260/244, 21-22=-1252/909, 17-19=-71/1438, 12-13=0/934, 22-24=-587/520, 10-13=-1196/432, 19-21=-1983/0, 12-14=-742/36

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-2-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
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) Ceiling dead load (5.0 psf) on member(s). 2-3, 7-8, 3-25, 25-26, 7-26; Wall dead load (5.0psf) on member(s).2-22, 8-13
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 19-22, 16-19, 14-16, 13-14

Continued on page 2



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6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1457 lb uplift at joint 24, 1200 lb uplift at joint 10 and 531 lb uplift at joint 21.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 4560 lb down and 2219 lb up at 12-11-8 on top chord, and 143 lb down and 40 lb up at 2-0-4, 143 lb down and 40 lb up at 4-0-4, 143 lb down and 40 lb up at 6-0-4, 143 lb down and 40 lb up at 8-0-4, and 143 lb down and 40 lb up at 10-0-4, and 447 lb down and 70 lb up at 11-3-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
14) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 2-27=-54, 2-3=-64, 3-4=-54, 4-6=-54, 6-7=-54, 7-8=-64, 8-9=-54, 10-24=-20, 13-22=-40, 3-7=-10
   Drag: 2-22=-10, 8-13=-10
   Concentrated Loads (lb)
   Vert: 5=-4560(B) 20=-9(F) 28=-9(F) 29=-9(F) 30=-9(F) 31=-9(F) 32=-67(F)
   Trapezoidal Loads (plf)
   Vert: 1=-229-to-27=-154

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450608
2454743	T05	ATTIC	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:03 2020 Page 1
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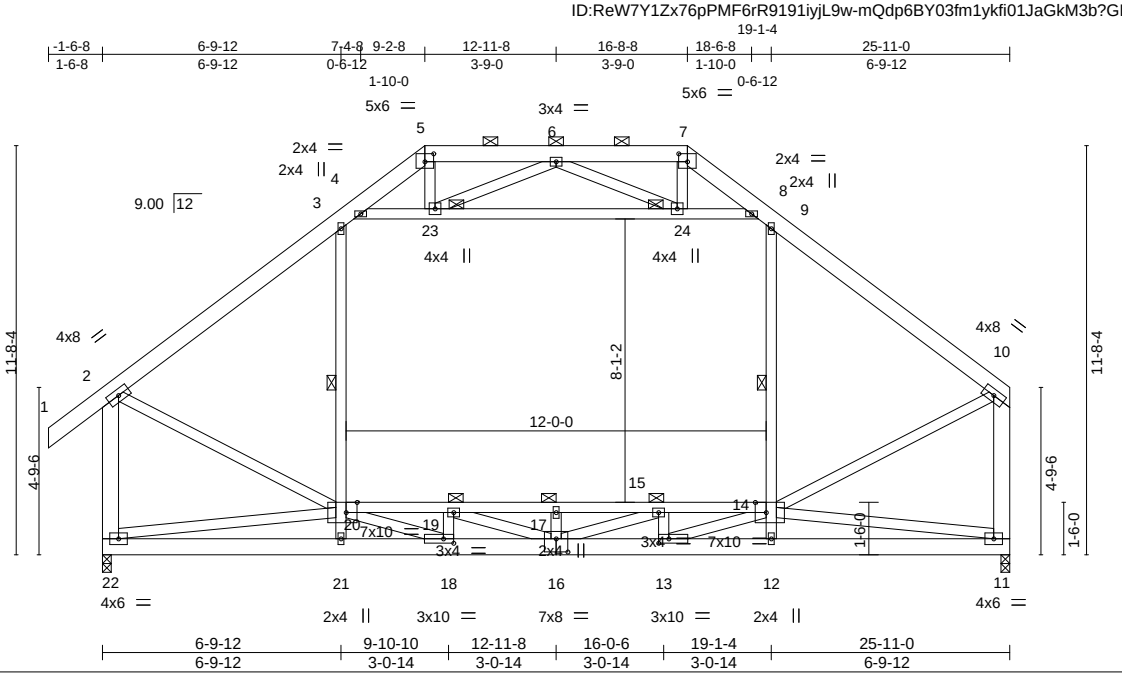


Plate Offsets (X,Y)-- [5:0-3-0,0-2-12], [7:0-3-0,0-2-12], [13:0-3-8,0-1-8], [14:0-3-12,Edge], [16:0-4-0,0-4-8], [18:0-3-8,0-1-8], [20:0-3-12,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	-0.06	15-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.11	15-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.01	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.05	14-20	3064	360	Weight: 294 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP M 26 *Except* 14-20: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 2-22,10-11: 2x6 SP No.2

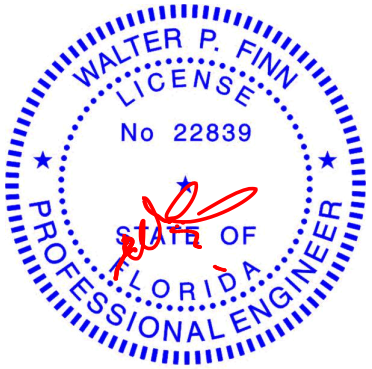
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-9-6 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-7.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 3-20, 9-14
JOINTS	1 Brace at Jt(s): 23, 24, 17, 19, 15

REACTIONS. (size) 22=0-3-0, 11=0-3-0
Max Horz 22=451(LC 9)
Max Uplift 22=-133(LC 12), 11=-82(LC 13)
Max Grav 22=1639(LC 2), 11=1556(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1477/197, 3-4=-1088/331, 4-5=-507/209, 5-6=-358/186, 6-7=-345/177, 7-8=-498/202, 8-9=-1090/337, 9-10=-1470/181, 2-22=-1597/326, 10-11=-1506/237
BOT CHORD 21-22=-816/732, 18-21=-846/721, 16-18=-299/1595, 13-16=-21/1379, 12-13=-505/420, 11-12=-480/431, 19-20=-419/203, 17-19=-873/0, 15-17=-873/0, 14-15=-534/309
WEBS 20-21=0/285, 3-20=-43/556, 12-14=0/284, 9-14=-59/550, 4-23=-938/192, 23-24=-813/60, 8-24=-952/215, 2-20=-48/1266, 10-14=-75/1259, 6-23=-281/214, 6-24=-289/232, 16-17=-344/0, 18-19=-606/26, 13-15=-602/34, 18-20=-29/1646, 16-19=-242/772, 13-14=-43/1628, 15-16=-269/756, 20-22=-343/410, 11-14=-486/529

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=20ft; 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.
6) Ceiling dead load (5.0 psf) on member(s). 3-4, 8-9, 4-23, 23-24, 8-24; Wall dead load (5.0psf) on member(s).3-20, 9-14
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 19-20, 17-19, 15-17, 14-15
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 133 lb uplift at joint 22 and 82 lb uplift at joint 11.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Attic room checked for L/360 deflection.



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Date:

September 30,2020

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MiTek
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450609
2454743	T06	Attic	3	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:04 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-EdABKXZeqyvuauEuakqppxvEJPcXFa6S9?zUUjyYSdH

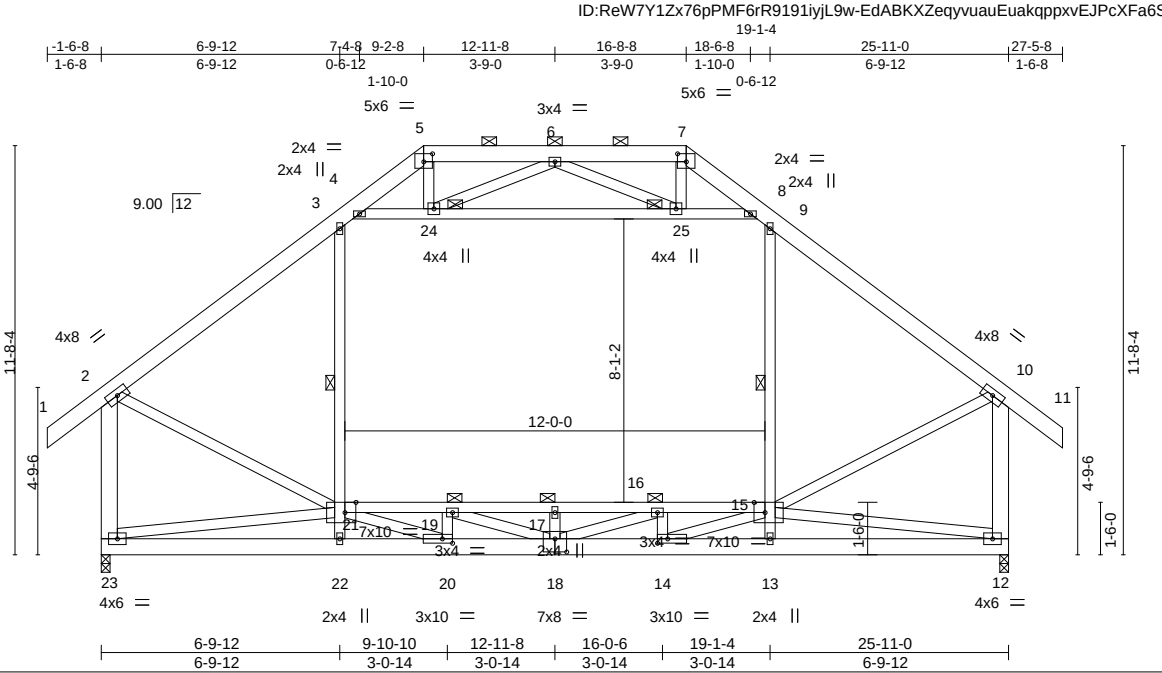


Plate Offsets (X,Y)-- [5:0-3-0,0-2-12], [7:0-3-0,0-2-12], [14:0-3-8,0-1-8], [15:0-3-12,Edge], [18:0-4-0,0-4-8], [20:0-3-8,0-1-8], [21:0-3-12,Edge]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	-0.06	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.11	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.01	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.05	15-21	3064	360	Weight: 298 lb	FT = 20%

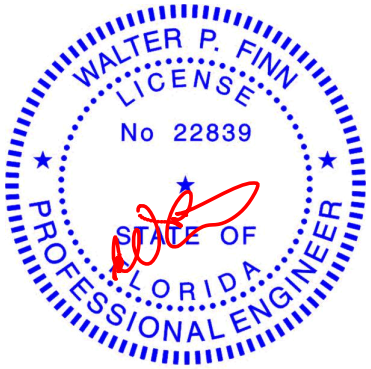
LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP M 26 *Except*
15-21: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
2-23,10-12: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-11 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-21, 9-15
JOINTS 1 Brace at Jt(s): 24, 25, 17, 19, 16

REACTIONS. (size) 23=0-3-0, 12=0-3-0
Max Horz 23=465(LC 11)
Max Uplift 23=-137(LC 12), 12=-137(LC 13)
Max Grav 23=1637(LC 2), 12=1637(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1471/206, 3-4=-1084/340, 4-5=-508/208, 5-6=-360/185, 6-7=-360/185, 7-8=-508/208, 8-9=-1084/341, 9-10=-1471/204, 2-23=-1591/331, 10-12=-1591/341
BOT CHORD 22-23=-811/761, 20-22=-848/749, 18-20=-283/1619, 14-18=0/1360, 13-14=-506/414, 12-13=-476/418, 19-21=-428/198, 17-19=-874/0, 16-17=-874/0, 15-16=-531/325
WEBS 21-22=0/284, 3-21=-45/554, 13-15=0/284, 9-15=-45/554, 4-24=-928/195, 24-25=-803/57, 8-25=-940/201, 2-21=-51/1260, 10-15=-67/1274, 6-24=-285/220, 6-25=-285/220, 17-18=-344/0, 19-20=-603/27, 14-16=-606/32, 20-21=-34/1636, 18-19=-247/760, 14-15=-36/1638, 16-18=-262/772, 21-23=-348/406, 12-15=-468/522

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=20ft; 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.
6) Ceiling dead load (5.0 psf) on member(s). 3-4, 8-9, 4-24, 24-25, 8-25; Wall dead load (5.0psf) on member(s).3-21, 9-15
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 19-21, 17-19, 16-17, 15-16
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 137 lb uplift at joint 23 and 137 lb uplift at joint 12.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Attic room checked for L/360 deflection.



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September 30,2020

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450610
2454743	T07	Piggyback Base	7	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:06 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-A?IylDauMa9cpBNHi9sHuM_ZNCG5jbQldJSbZcyYSdF

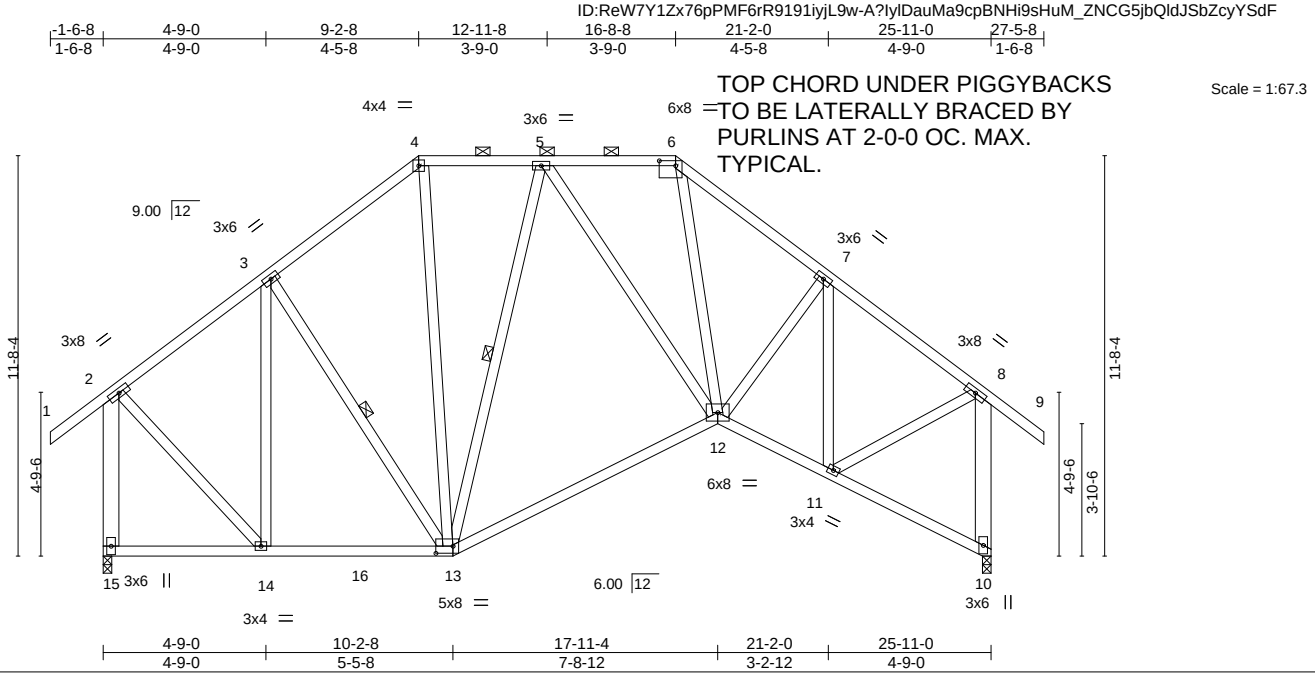


Plate Offsets (X,Y)-- [6:0-5-12,0-1-12], [13:0-6-0,0-2-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	-0.15	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.31	12-13	>980	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.05	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 229 lb	FT = 20%

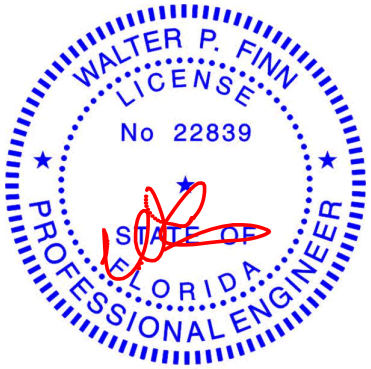
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
2-15,8-10: 2x6 SP No.2

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

REACTIONS. (size) 15=0-3-0, 10=0-3-0
Max Horz 15=-473(LC 10)
Max Uplift 15=-364(LC 12), 10=-364(LC 13)
Max Grav 15=1038(LC 1), 10=1038(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-627/414, 3-4=-699/517, 4-5=-620/488, 5-6=-815/542, 6-7=-1069/648, 7-8=-842/459, 2-15=-998/573, 8-10=-996/596
BOT CHORD 14-15=-438/401, 13-14=-374/617, 12-13=-386/696, 11-12=-329/811
WEBS 3-14=-345/203, 5-13=-420/182, 6-12=-230/473, 7-12=-204/272, 7-11=-562/277, 2-14=-235/626, 8-11=-280/691

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=20ft; 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) Bearing at joint(s) 10 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 364 lb uplift at joint 15 and 364 lb uplift at joint 10.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450611
2454743	T07G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:08 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-6OQiAuc9uBPJ3VXgpaulzn4uE0xZBWc24cxidUyYSdD

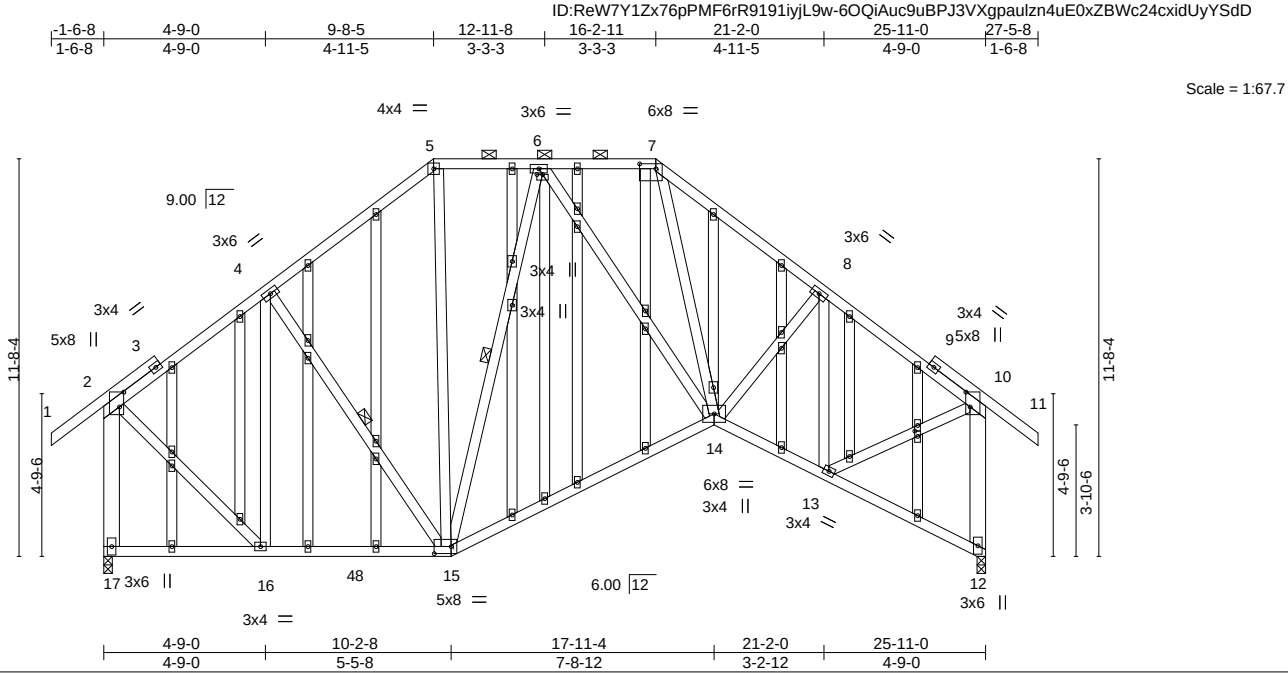


Plate Offsets (X,Y)-- [2:0-5-4,0-1-8], [6:0-2-0,0-0-0], [7:0-5-12,0-1-12], [7:0-0-0,0-1-12], [10:0-5-4,0-1-8], [15:0-6-0,0-2-8], [21:0-1-14,0-1-0], [28:0-1-12,0-0-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	-0.15	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.31	14-15	>973	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.38	Horz(CT)	0.05	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 360 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* 2-17,10-12: 2x6 SP No.2
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-3-1 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-7.
BOT CHORD	Rigid ceiling directly applied or 8-11-13 oc bracing.
WEBS	1 Row at midpt 4-15, 6-15

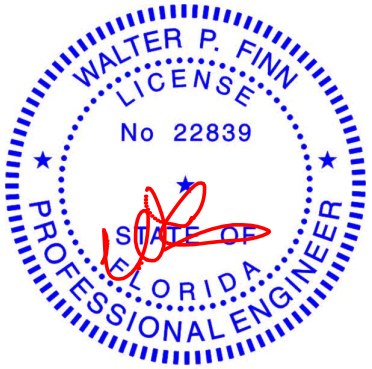
REACTIONS. (size) 17=0-3-0, 12=0-3-0
Max Horz 17=-465(LC 10)
Max Uplift 17=-370(LC 12), 12=-370(LC 13)
Max Grav 17=1038(LC 1), 12=1038(LC 1)

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

TOP CHORD	2-4=-640/410, 4-5=-722/516, 5-6=-634/488, 6-7=-836/549, 7-8=-1132/667, 8-10=-878/470, 2-17=-997/569, 10-12=-1002/597
BOT CHORD	16-17=-430/402, 15-16=-371/643, 14-15=-364/703, 13-14=-363/863
WEBS	4-16=-340/206, 6-15=-402/158, 6-14=-92/254, 7-14=-234/501, 8-14=-189/262, 8-13=-580/289, 2-16=-244/630, 10-13=-299/728

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=20ft; 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) Bearing at joint(s) 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 370 lb uplift at joint 17 and 370 lb uplift at joint 12.
11) 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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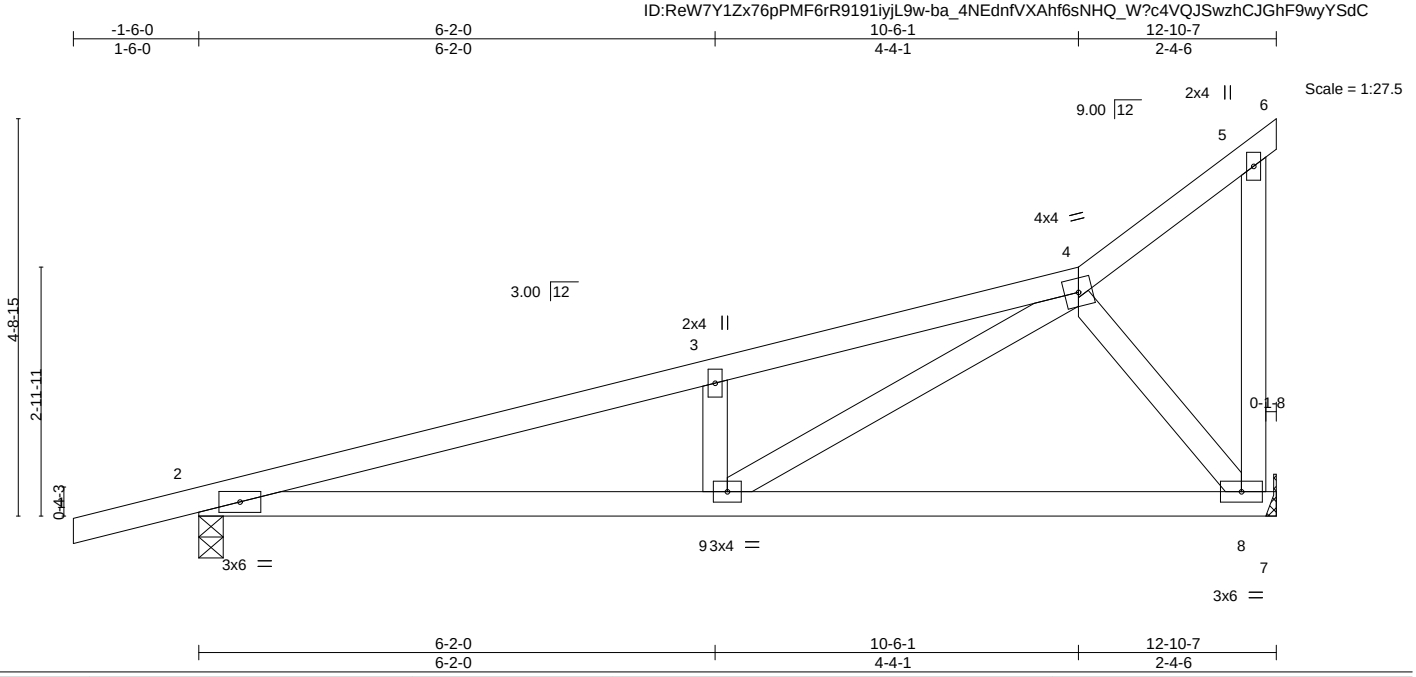
Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450612
2454743	T08	Jack-Closed	6	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:09 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-ba_4NEdnfVXAhf6sNHQ_W?c4VQJSwzhCJGhF9wyYSdC



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)	0.07	9-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.11	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 62 lb	FT = 20%

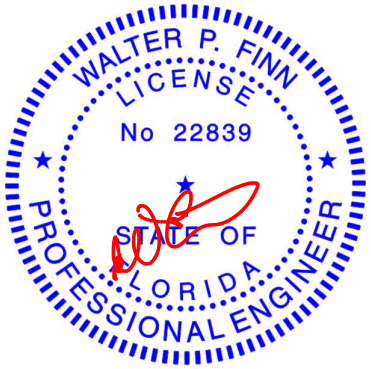
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-1-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 8=Mechanical
Max Horz 2=232(LC 12)
Max Uplift 2=-294(LC 8), 8=-265(LC 12)
Max Grav 2=552(LC 1), 8=471(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1084/487, 3-4=-1096/570
BOT CHORD 2-9=-659/1031, 8-9=-200/294
WEBS 3-9=-301/304, 4-9=-541/865, 4-8=-462/327

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; 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 294 lb uplift at joint 2 and 265 lb uplift at joint 8.



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September 30,2020

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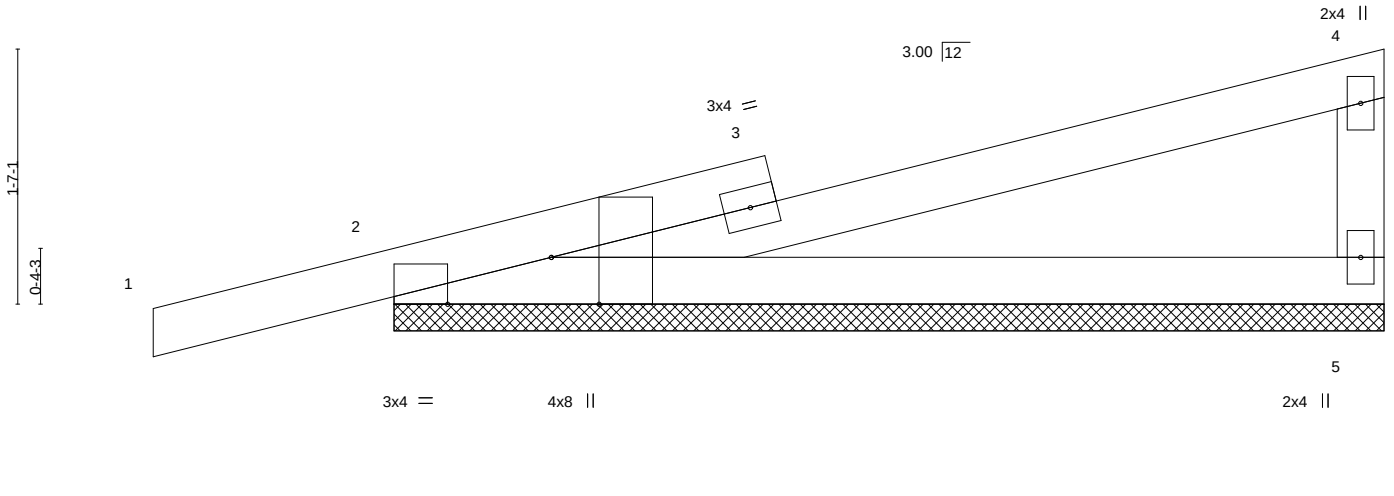
Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	T08G	MONO TRUSS	2	1	T21450613 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:10 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-3nYTaadPQof1Iph2x?xD3C9BRpfXfV3LXwQpiNyYSdB

-1-6-0 6-2-0
1-6-0 6-2-0

Scale = 1:14.4



6-2-0
6-2-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.53	Vert(LL)	-0.01	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	0.01	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 25 lb	FT = 20%

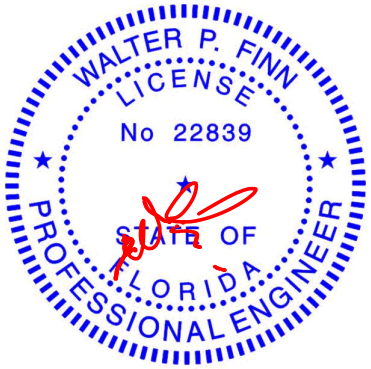
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=6-2-0, 5=6-2-0
Max Horz 2=84(LC 8)
Max Uplift 2=-198(LC 8), 5=-106(LC 12)
Max Grav 2=314(LC 1), 5=213(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=20ft; 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) Gable requires continuous bottom chord bearing.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 198 lb uplift at joint 2 and 106 lb uplift at joint 5.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450614
2454743	T09	Scissor	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:11 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-Xz5rowe1B6nuwzGEUiSSbQiOqD0yOrVUmaAMEpyYSdA

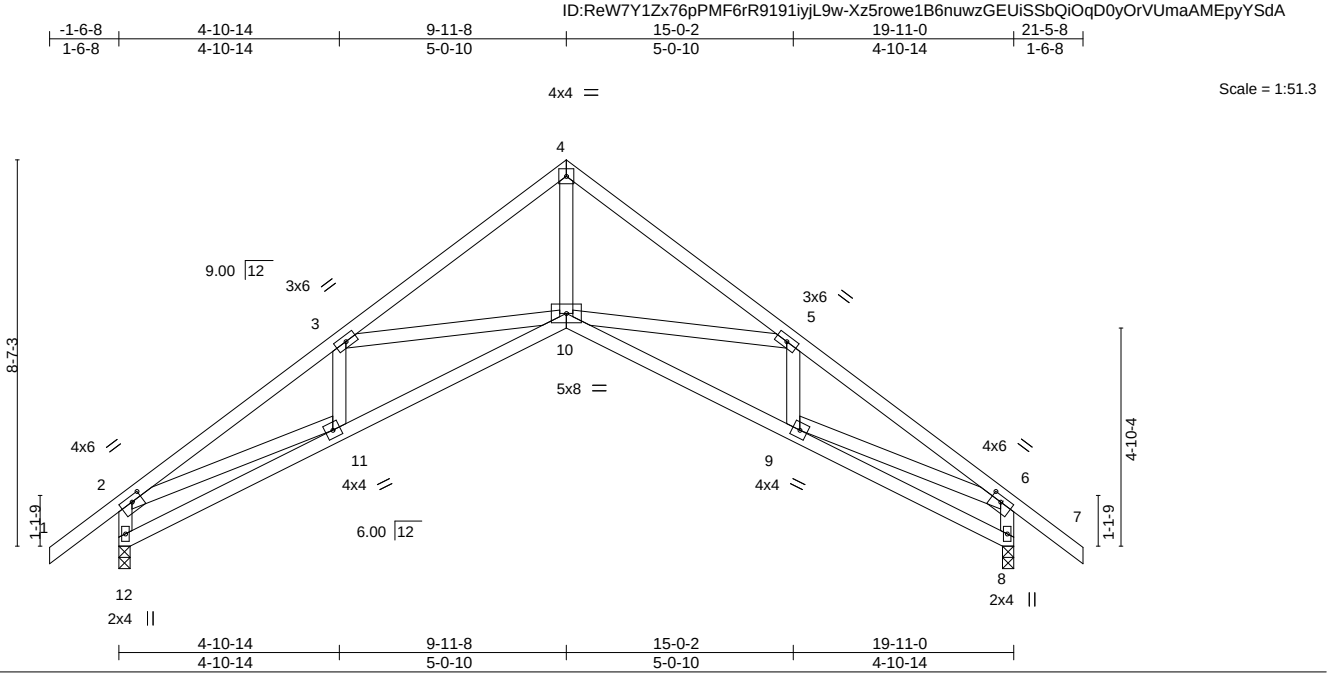


Plate Offsets (X,Y)-- [2:0-2-12,0-1-8], [6:0-2-12,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.43	Vert(LL)	-0.09	10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.39	Vert(CT)	-0.18	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.20	8	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 118 lb	FT = 20%

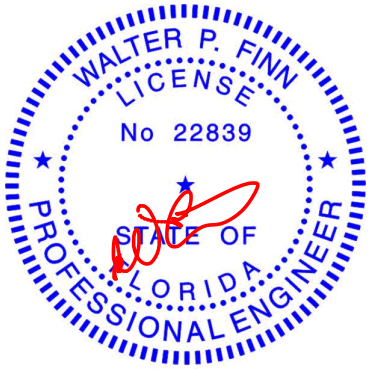
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 7-9-1 oc bracing: 10-11.

REACTIONS. (size) 12=0-3-0, 8=0-3-0
Max Horz 12=-319(LC 10)
Max Uplift 12=-317(LC 12), 8=-317(LC 13)
Max Grav 12=817(LC 1), 8=817(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1714/627, 3-4=-1419/379, 4-5=-1465/420, 5-6=-1666/557, 2-12=-853/422, 6-8=-807/434
BOT CHORD 11-12=-322/429, 10-11=-580/1693, 9-10=-323/1491, 8-9=-44/270
WEBS 4-10=-322/1425, 5-10=-438/443, 3-10=-450/391, 2-11=-346/1243, 6-9=-310/1223

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=20ft; 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 12, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 317 lb uplift at joint 12 and 317 lb uplift at joint 8.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450615
2454743	T09G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:13 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-TMDbDcgHjj1c9GQdc7UwgrnlZ1byskKnEufTliyYSd8

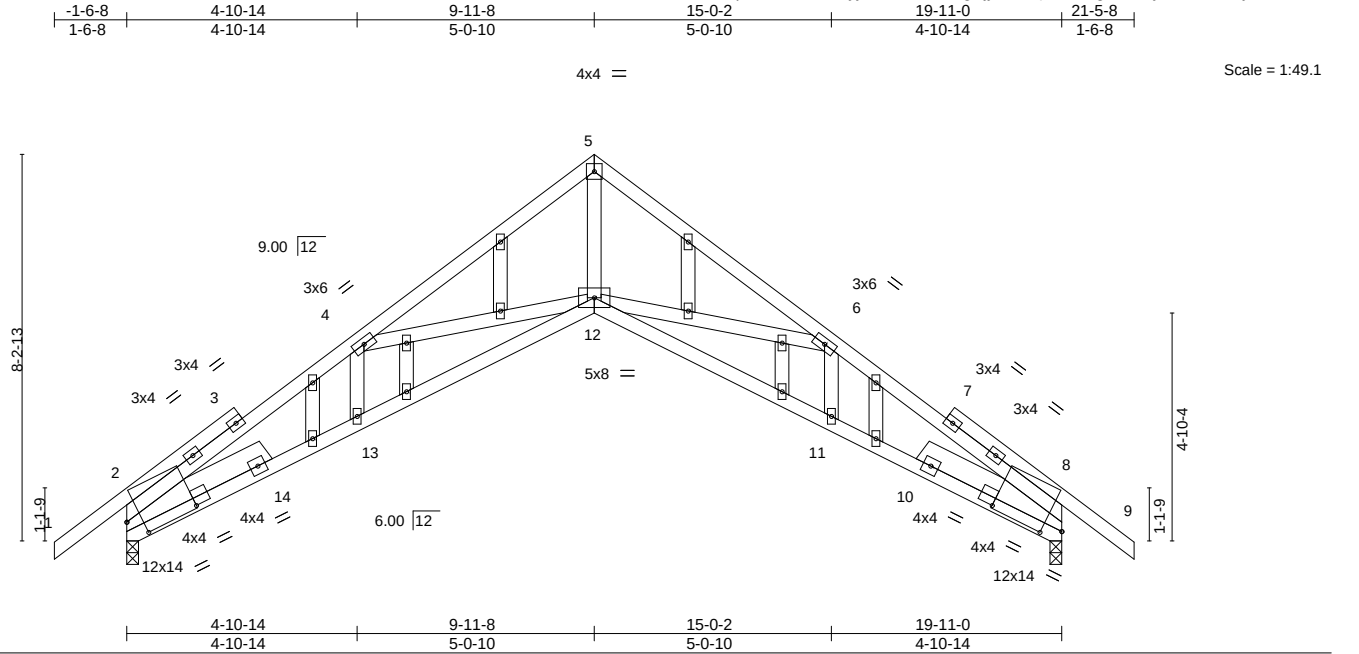


Plate Offsets (X,Y)-- [2:0-3-13,0-4-13], [2:1-5-13,0-4-2], [8:0-4-15,0-2-11], [8:1-6-14,0-2-0]

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	0.35	Vert(LL)	-0.12	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.87	Vert(CT)	-0.24	12-13	>961	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.21	8	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 138 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
SLIDER	Left 2x6 SP No.2 3-5-10, Right 2x6 SP No.2 3-5-10

BRACING-

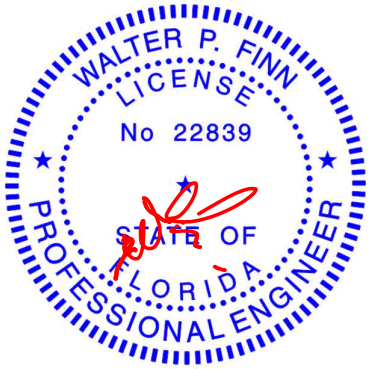
TOP CHORD	Structural wood sheathing directly applied or 4-3-14 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 7-5-0 oc bracing.

REACTIONS. (size) 2=0-3-0, 8=0-3-0
Max Horz 2=263(LC 11)
Max Uplift 2=-328(LC 12), 8=-328(LC 13)
Max Grav 2=813(LC 1), 8=813(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1737/621, 4-5=-1498/399, 5-6=-1515/441, 6-8=-1751/620
BOT CHORD 2-13=-565/1583, 12-13=-613/1699, 11-12=-422/1568, 8-11=-388/1476
WEBS 5-12=-341/1479, 6-12=-454/480, 4-12=-503/411

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=20ft; 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) 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.
8) Bearing at joint(s) 2, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 328 lb uplift at joint 2 and 328 lb uplift at joint 8.



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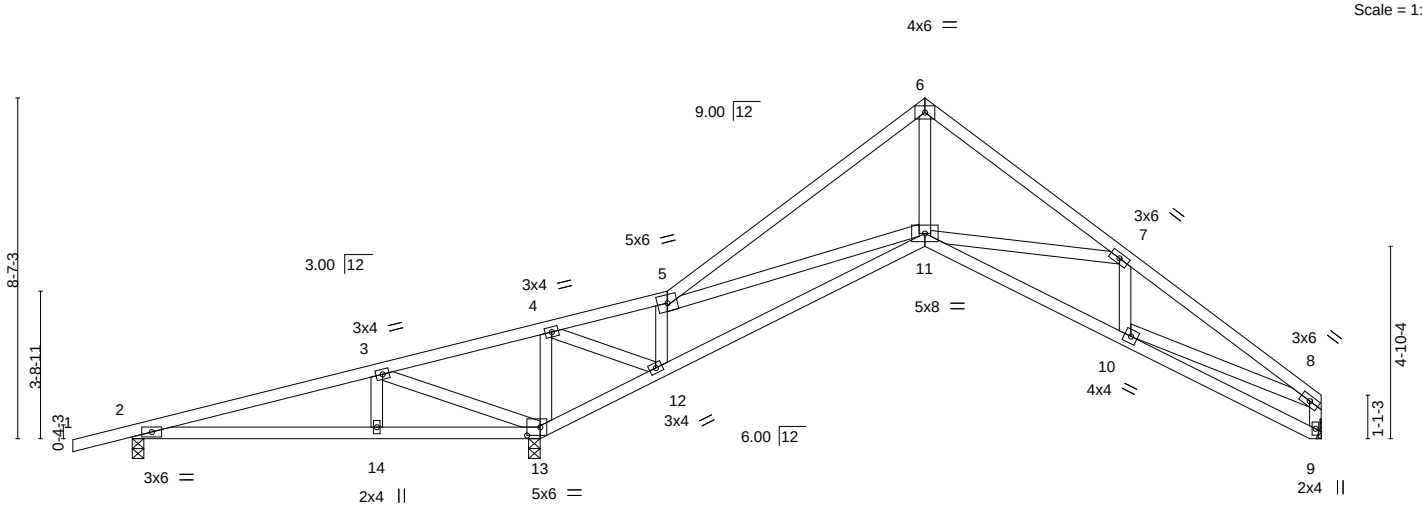
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450616
2454743	T10	Roof Special	6	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:14 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-xYnzQyhvT19TnQ_pAr?9D2KruR3abENxSYO0r8yYSd7

-1-6-0	6-2-0	10-3-8	13-6-0	20-0-0	25-0-10	30-0-0
1-6-0	6-2-0	4-1-8	3-2-8	6-6-0	5-0-10	4-11-6

Scale = 1:58.1



6-2-0	10-1-12	10-3-8	13-6-0	20-0-0	25-0-10	30-0-0
6-2-0	3-11-12	0-1-12	3-2-8	6-6-0	5-0-10	4-11-6

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	0.09	14-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	-0.17	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.36	Horz(CT)	0.11	9	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 154 lb	FT = 20%

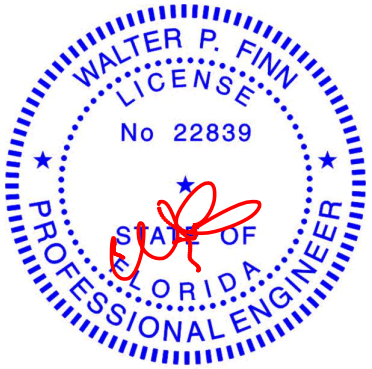
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-9-11 oc bracing.

REACTIONS. (size) 2=0-3-8, 13=0-3-8, 9=Mechanical
Max Horz 2=281(LC 9)
Max Uplift 2=-384(LC 8), 13=-619(LC 12), 9=-242(LC 13)
Max Grav 2=273(LC 23), 13=1458(LC 1), 9=600(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-126/621, 3-4=-516/959, 5-6=-1003/219, 6-7=-992/293, 7-8=-1342/483, 8-9=-607/290
BOT CHORD 2-14=-493/127, 13-14=-493/127, 12-13=-980/608, 11-12=-87/347, 10-11=-340/1154
WEBS 3-14=-279/243, 3-13=-783/988, 4-13=-708/333, 4-12=-368/924, 5-12=-667/358, 5-11=-101/693, 6-11=-100/795, 7-11=-490/451, 8-10=-249/957

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=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 384 lb uplift at joint 2, 619 lb uplift at joint 13 and 242 lb uplift at joint 9.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450617
2454743	T10G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:15 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-PkLMeIhYELHKPaZ0jYWOmGs_IqOuKg54hC8ZNayYSd6

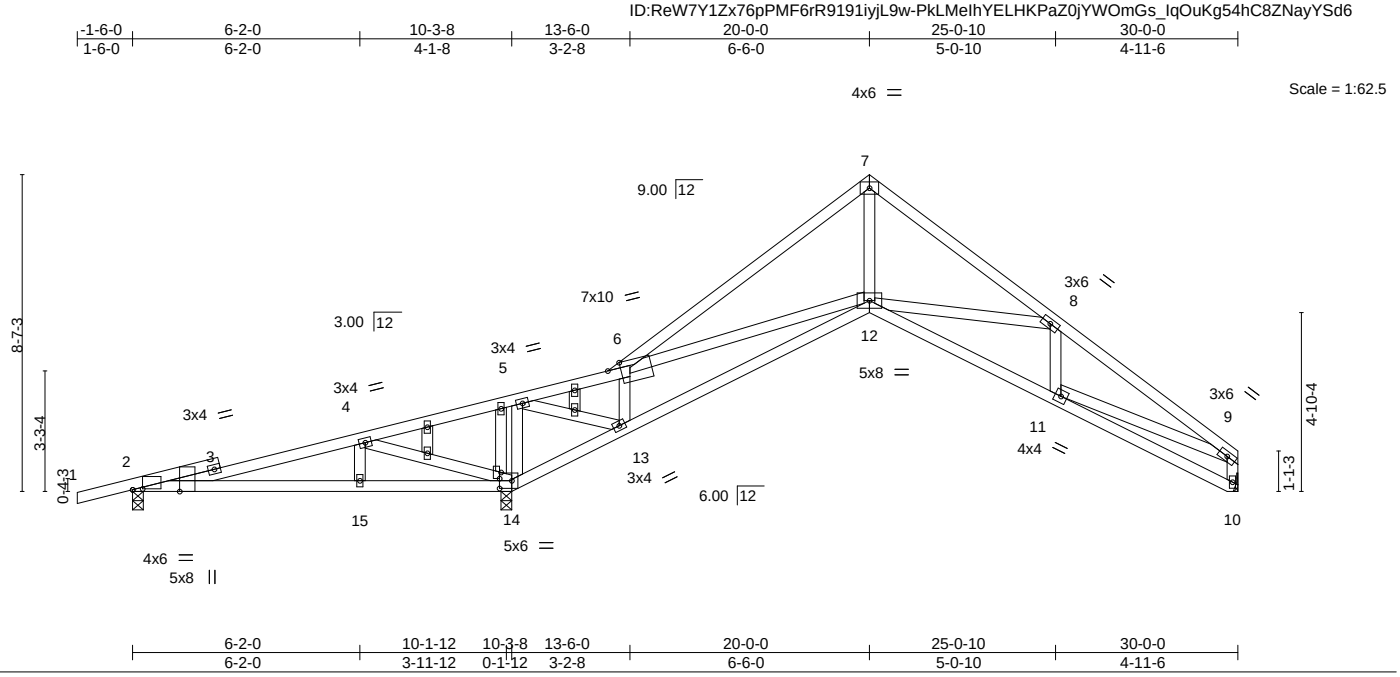


Plate Offsets (X,Y)-- [2:0-3-4,0-0-5], [2:0-0-9,Edge], [6:0-4-4,0-1-12], [14:0-4-0,0-2-8], [14:0-2-0,0-0-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	0.10	15-23	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	-0.17	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.11	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 160 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 3-7-13 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 5-7-13 oc bracing.

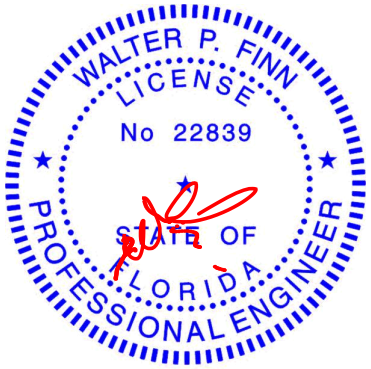
REACTIONS. (size) 2=0-3-8, 14=0-3-8, 10=Mechanical
Max Horz 2=279(LC 9)
Max Uplift 2=-363(LC 8), 14=-610(LC 12), 10=-241(LC 13)
Max Grav 2=276(LC 23), 14=1433(LC 1), 10=607(LC 1)

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

TOP CHORD	2-4=-156/584, 4-5=-682/1014, 5-6=-328/119, 6-7=-1051/225, 7-8=-1067/303, 8-9=-1362/453, 9-10=-619/282
BOT CHORD	2-15=-453/136, 14-15=-453/136, 13-14=-1034/772, 12-13=-76/573, 11-12=-313/1171
WEBS	4-15=-265/228, 4-14=-818/1076, 5-14=-695/328, 5-13=-436/1051, 6-13=-651/359, 6-12=-227/710, 7-12=-106/897, 8-12=-478/449, 9-11=-224/973

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=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 363 lb uplift at joint 2, 610 lb uplift at joint 14 and 241 lb uplift at joint 10.



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September 30,2020

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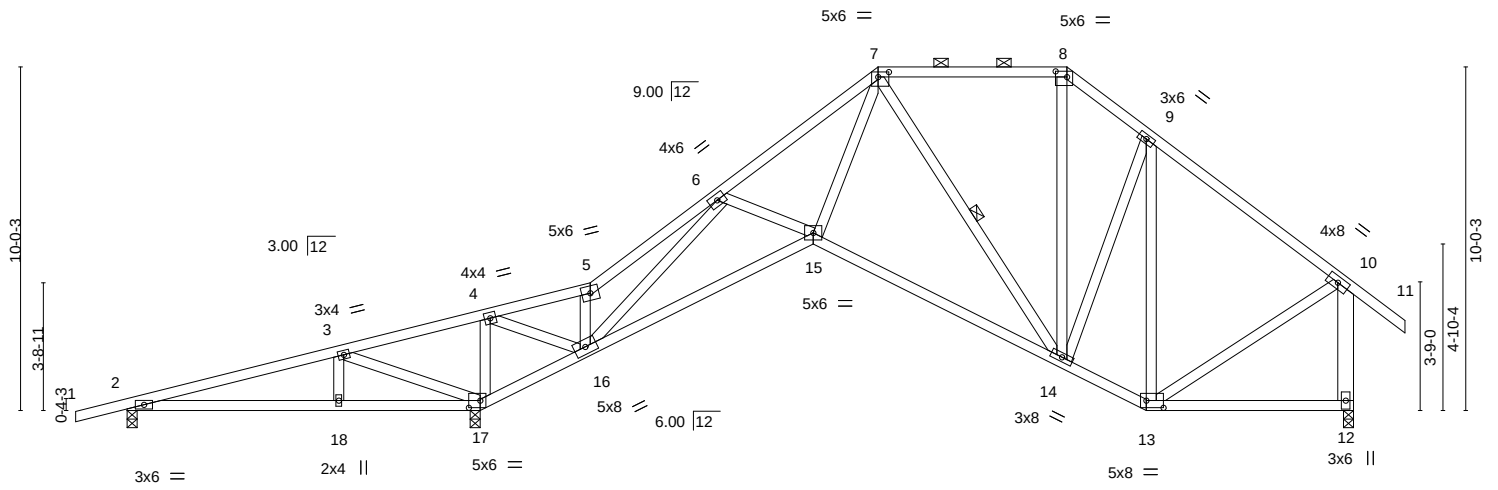
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450618
2454743	T11	Piggyback Base	7	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:16 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-txvkrdiA?ePB0k8CHG2dITPC8Eic3?oEwst7v1yYSd5

-1-6-0	6-2-0	10-3-8	13-6-0	17-4-0	21-10-11	27-4-12	29-8-8	35-9-0	37-3-0
1-6-0	6-2-0	4-1-8	3-2-8	3-10-0	4-6-11	5-6-1	2-3-12	6-0-8	1-6-0

Scale = 1:67.2



6-2-0	10-1-12	10-3-8	13-6-0	20-0-0	27-4-12	29-8-8	35-9-0
6-2-0	3-11-12	0-1-12	3-2-8	6-6-0	7-4-12	2-3-12	6-0-8

Plate Offsets (X,Y)-- [7:0-3-12,0-1-12], [8:0-4-0,0-2-0], [13:0-6-0,0-2-8], [17:0-4-0,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.52	Vert(LL)	-0.11	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.23	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.12	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 227 lb	FT = 20%

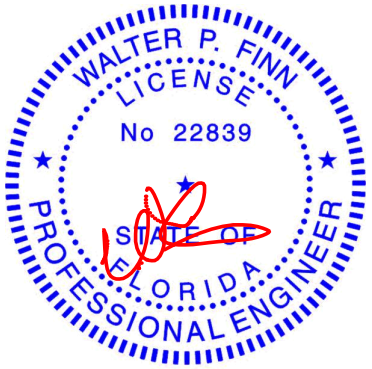
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
10-12: 2x6 SP No.2

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

REACTIONS. (size) 2=0-3-8, 17=0-3-8, 12=0-3-8
Max Horz 2=405(LC 11)
Max Uplift 2=-391(LC 8), 17=-685(LC 12), 12=-332(LC 13)
Max Grav 2=215(LC 23), 17=1682(LC 1), 12=921(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-147/708, 3-4=-656/1084, 4-5=-282/80, 5-6=-362/167, 6-7=-1476/628, 7-8=-616/427, 8-9=-760/504, 9-10=-667/405, 10-12=-859/490
BOT CHORD 2-18=-521/100, 17-18=-521/100, 16-17=-1104/635, 15-16=-516/1282, 14-15=-377/875, 13-14=-162/542
WEBS 3-18=-257/244, 3-17=-781/938, 4-17=-877/455, 4-16=-479/1156, 5-16=-285/178, 6-16=-1370/694, 7-14=-529/301, 8-14=-163/346, 9-13=-433/154, 10-13=-119/495, 7-15=-370/1123

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=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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 391 lb uplift at joint 2, 685 lb uplift at joint 17 and 332 lb uplift at joint 12.
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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September 30,2020

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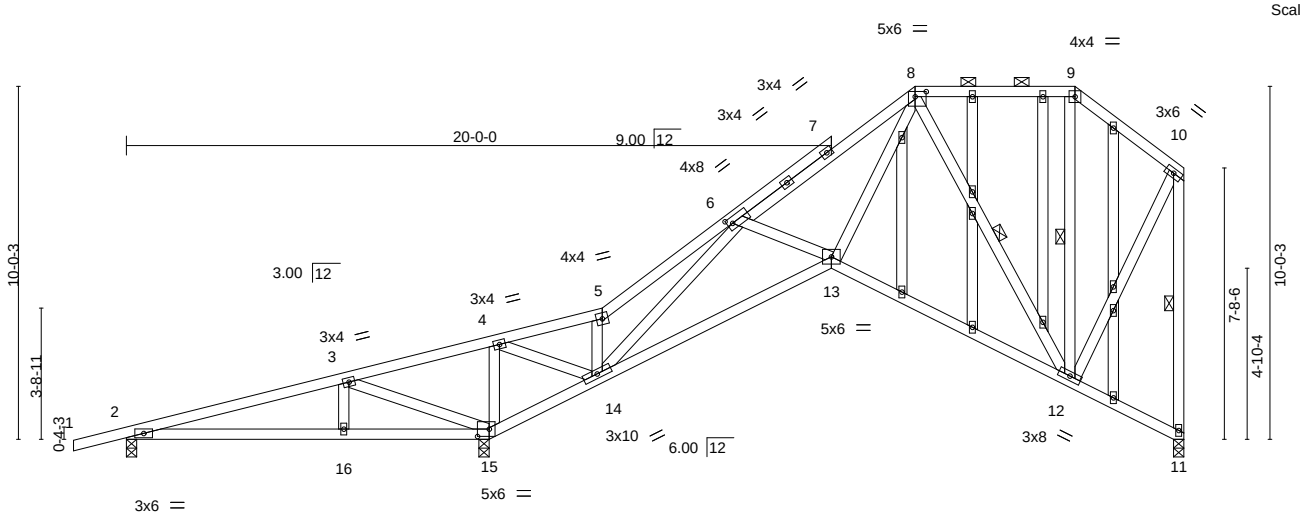
Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450619
2454743	T11G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:18 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-qJ1UGJkQXGfvG1IbPg45NuUXI2PTXziWNAME_vyYSd3

-1-6-0	6-2-0	10-3-8	13-6-0	17-4-0	22-4-8	26-10-15	30-0-0
1-6-0	6-2-0	4-1-8	3-2-8	3-10-0	5-0-8	4-6-7	3-1-1

Scale = 1:65.4



6-2-0	10-1-12	10-3-8	13-6-0	20-0-0	22-4-8	26-10-15	30-0-0
6-2-0	3-11-12	0-1-12	3-2-8	6-6-0	2-4-8	4-6-7	3-1-1

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	0.09	16-29	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.16	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.10	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
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-7-11 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 8-9.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 8-12, 9-12, 10-11

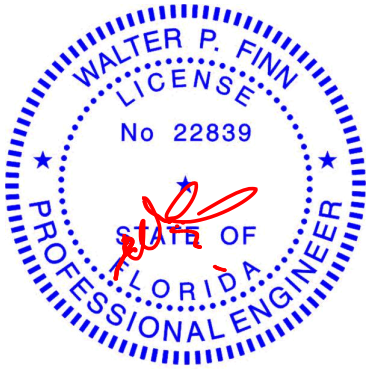
REACTIONS. (size) 2=0-3-8, 15=0-3-8, 11=0-3-8
Max Horz 2=434(LC 12)
Max Uplift 2=-352(LC 8), 15=-649(LC 12), 11=-222(LC 12)
Max Grav 2=259(LC 23), 15=1421(LC 1), 11=613(LC 1)

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

TOP CHORD	2-3=-289/534, 3-4=-731/864, 4-5=-266/0, 6-8=-978/471, 8-9=-256/185, 9-10=-282/169, 10-11=-605/302
BOT CHORD	2-16=-469/0, 15-16=-469/0, 14-15=-866/486, 13-14=-592/921, 12-13=-245/497
WEBS	3-16=-282/242, 3-15=-771/984, 4-15=-726/415, 4-14=-408/894, 6-14=-960/727, 8-12=-488/309, 10-12=-173/434, 8-13=-425/823

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=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
9) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 352 lb uplift at joint 2, 649 lb uplift at joint 15 and 222 lb uplift at joint 11.
11) 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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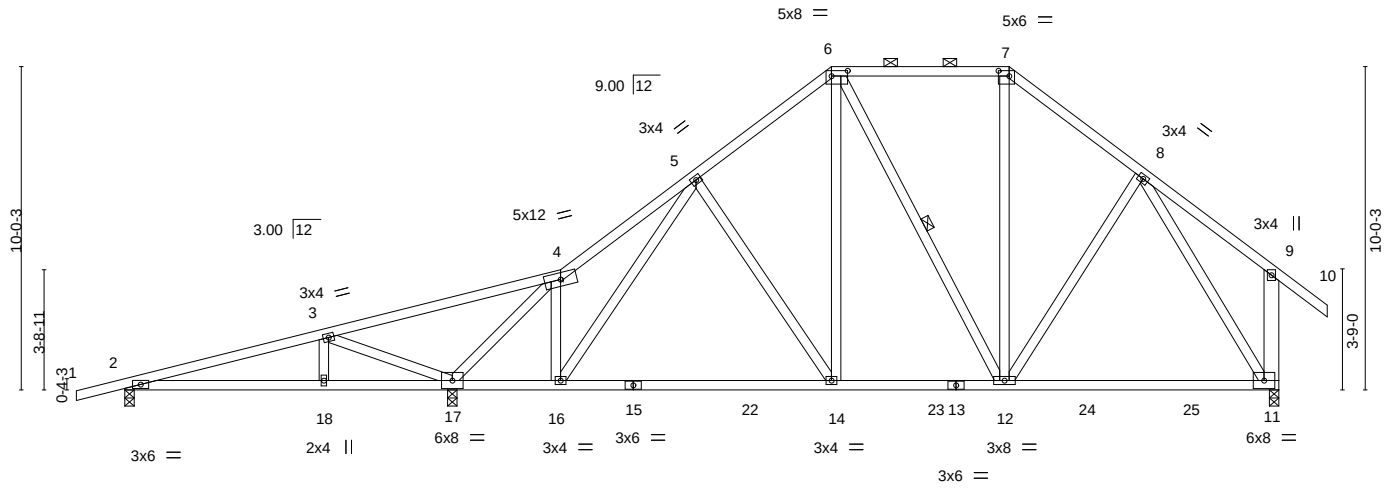
Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450620
2454743	T12	Piggyback Base	5	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:19 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-IVasTfk2IZnltBtnyObKw61h8ShHGNbgcq6nWLyYSd2

1-6-0 | 6-2-0 | 13-6-0 | 17-8-6 | 21-10-11 | 27-4-12 | 31-5-2 | 35-9-0 | 37-3-0
1-6-0 | 6-2-0 | 7-4-0 | 4-2-6 | 4-2-6 | 5-6-1 | 4-0-6 | 4-3-14 | 1-6-0

Scale = 1:71.4



6-2-0 | 10-1-12 | 13-6-0 | 21-10-11 | 27-4-12 | 35-9-0
6-2-0 | 3-11-12 | 3-4-4 | 8-4-11 | 5-6-1 | 8-4-4

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

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	0.66	Vert(LL)	-0.17	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.68	Vert(CT)	-0.32	14-16	>954	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.02	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 234 lb	FT = 20%

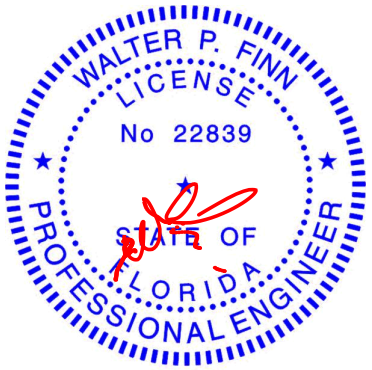
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
9-11: 2x6 SP No.2

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.): 6-7.
BOT CHORD Rigid ceiling directly applied or 8-2-2 oc bracing.
WEBS 1 Row at midpt 6-12

REACTIONS. (size) 2=0-3-8, 17=0-3-8, 11=0-3-8
Max Horz 2=405(LC 11)
Max Uplift 2=-343(LC 8), 17=-641(LC 12), 11=-340(LC 13)
Max Grav 2=325(LC 23), 17=1503(LC 1), 11=997(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-250/425, 3-4=-574/680, 4-5=-805/287, 5-6=-788/483, 6-7=-628/442, 7-8=-733/476, 8-9=-251/247, 9-11=-327/273
BOT CHORD 2-18=-453/229, 17-18=-453/229, 16-17=-168/716, 14-16=-253/776, 12-14=-217/666, 11-12=-167/472
WEBS 3-17=-897/1042, 4-17=-1638/852, 4-16=-125/387, 5-14=-255/234, 6-14=-155/429, 7-12=-99/251, 8-11=-788/289

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=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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 343 lb uplift at joint 2, 641 lb uplift at joint 17 and 340 lb uplift at joint 11.
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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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450621
2454743	T13	Common	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:20 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-mi8Fh?lg3twcVLSzW56ZTJZrNr6n?03prUrK2oyYSd1

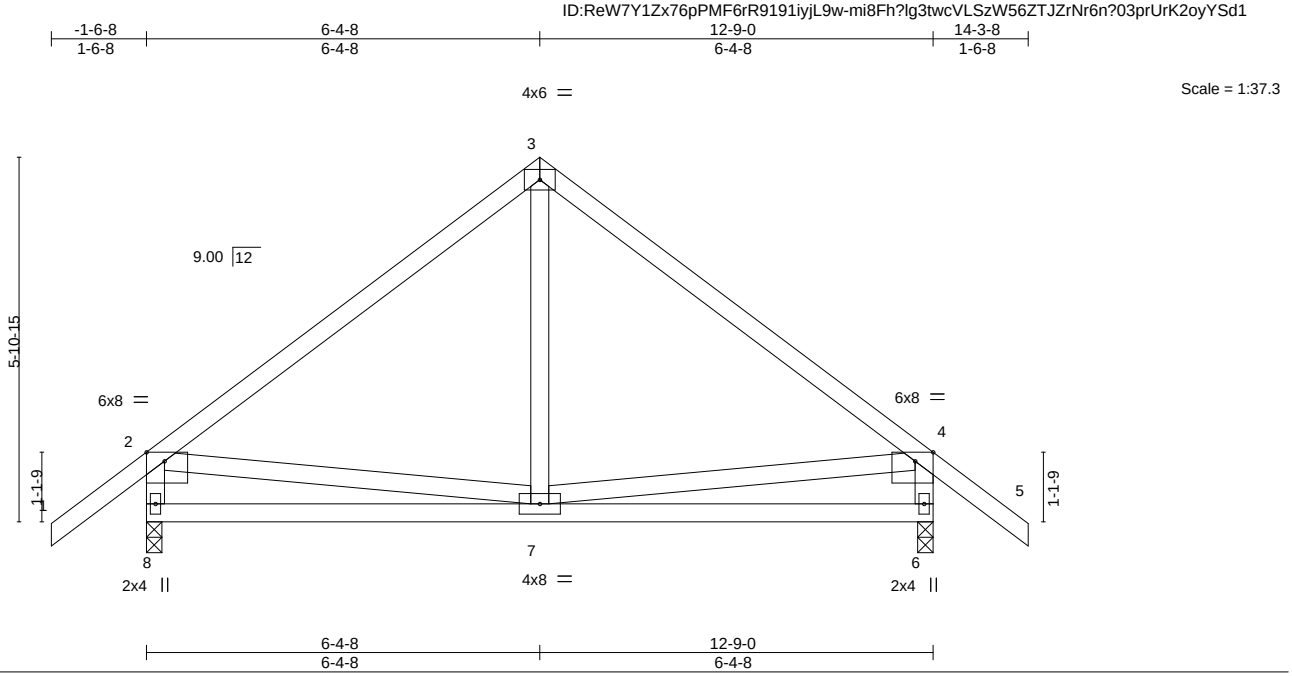


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [4:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.76	Vert(LL)	-0.03	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.06	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 77 lb	FT = 20%

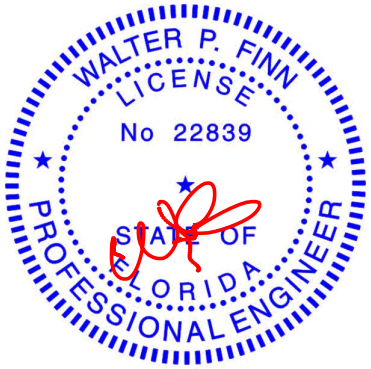
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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) 8=0-3-0, 6=0-3-0
Max Horz 8=-231(LC 10)
Max Uplift 8=-221(LC 12), 6=-221(LC 13)
Max Grav 8=552(LC 1), 6=552(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-453/212, 3-4=-453/213, 2-8=-497/347, 4-6=-497/347
BOT CHORD 7-8=-283/367, 6-7=-177/364
WEBS 4-7=-127/251

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=20ft; 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 221 lb uplift at joint 8 and 221 lb uplift at joint 6.



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September 30,2020

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450622
2454743	T13G	Common Supported Gable	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:21 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-EuiduLmIqB2T7V194pdo?X69vFW3kT3z38buaEyYSd0

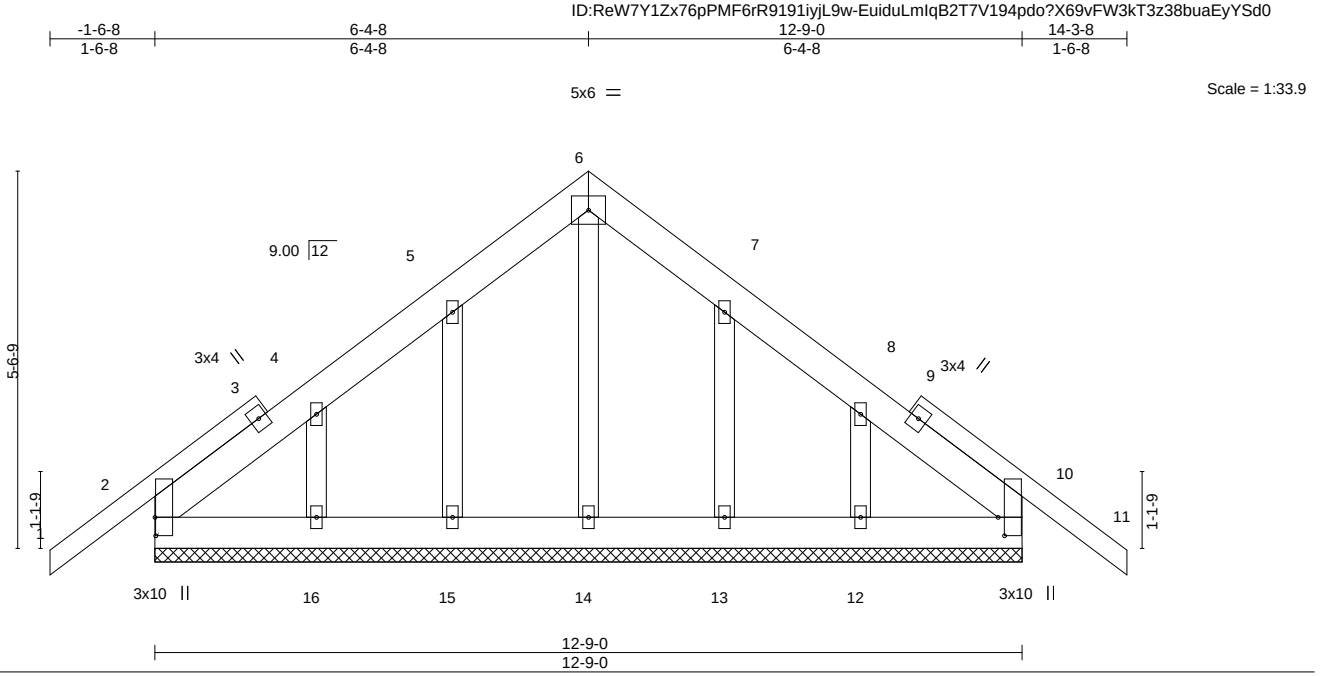


Plate Offsets (X,Y)-- [2:0-3-4,0-0-2], [10:0-3-4,0-1-2]

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	0.13	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.02	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 101 lb	FT = 20%

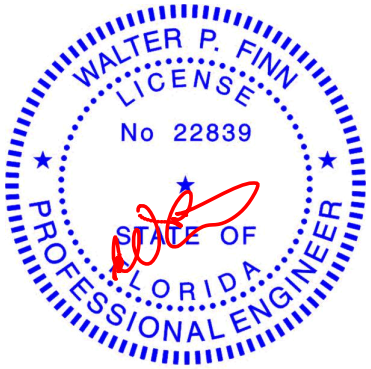
LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
1-3,9-11: 2x4 SP No.2
BOT CHORD 2x6 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 12-9-0.
(lb) - Max Horz 2=-174(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10 except 15=-121(LC 12), 16=-149(LC 12), 13=-117(LC 13), 12=-147(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 14, 15, 16, 13, 12

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; 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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10 except (jt=lb) 15=121, 16=149, 13=117, 12=147.



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Date:
September 30,2020

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450623
2454743	T14	Common	6	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:22 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-i4G?6hnxbUAKkfcMeW91YkfBAfnFTvZ6IoKR7gyYSd?

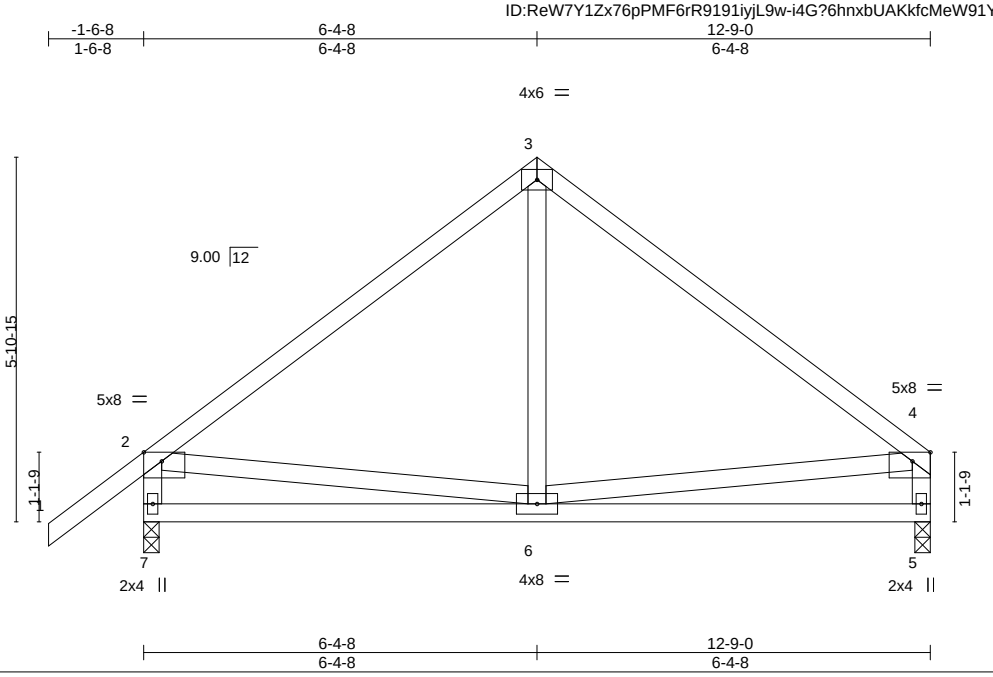


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [4:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.74	Vert(LL)	-0.03	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.06	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 74 lb	FT = 20%

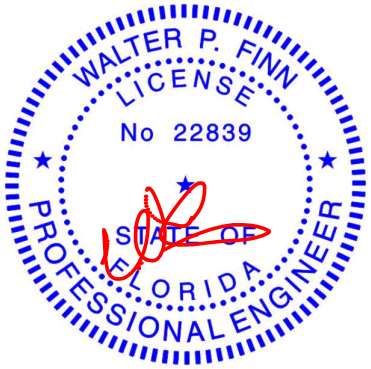
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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, 5=0-3-0
Max Horz 7=218(LC 9)
Max Uplift 7=-222(LC 12), 5=-161(LC 13)
Max Grav 7=558(LC 1), 5=455(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-463/220, 3-4=-455/211, 2-7=-503/350, 4-5=-405/231
BOT CHORD 6-7=-301/343

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=20ft; 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=222, 5=161.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	T15	Common Girder	1	2	T21450624

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:23 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-AHqNJ1oZMoIBMpBYBEgG4yBTF369CIlFXS4?f7yYSd_

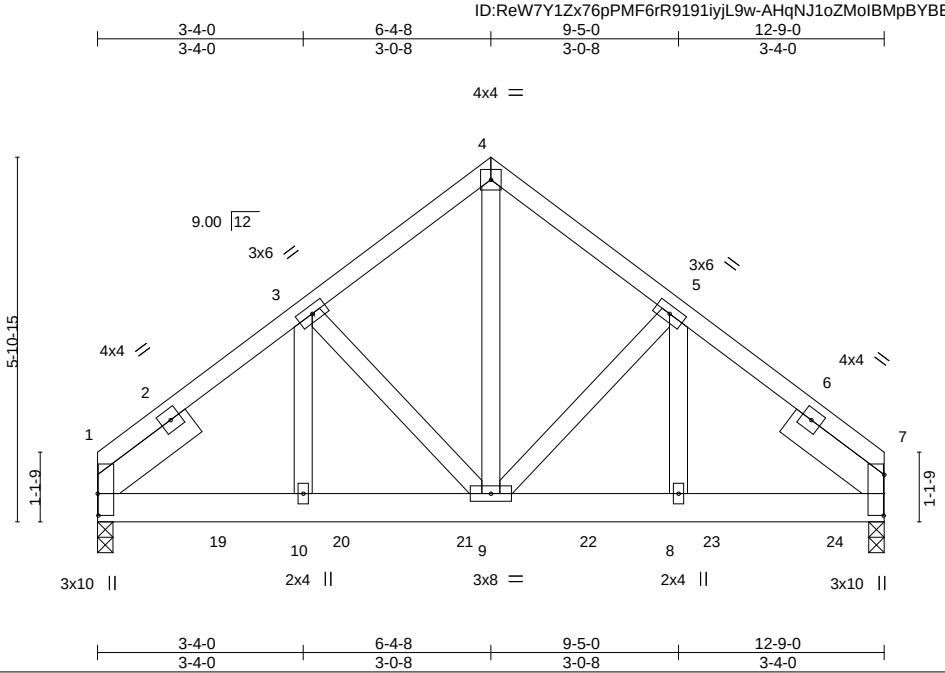


Plate Offsets (X,Y)-- [1:0-4-4,0-0-2], [7:0-7-15,0-0-2]

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	0.27	Vert(LL)	0.03	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.05	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.35	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 183 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

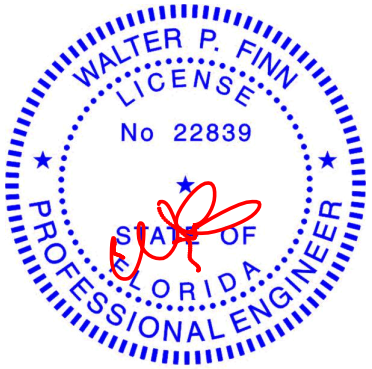
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-3-0, 7=0-3-0
Max Horz 1=-152(LC 23)
Max Uplift 1=-836(LC 8), 7=-986(LC 9)
Max Grav 1=2035(LC 1), 7=2390(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-2245/946, 3-4=-1776/808, 4-5=-1778/809, 5-7=-2279/961
BOT CHORD 1-10=-761/1708, 9-10=-761/1708, 8-9=-696/1740, 7-8=-696/1740
WEBS 4-9=-836/1860, 5-9=-500/331, 5-8=-269/631, 3-9=-453/310, 3-10=-249/588

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=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; 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 100 lb uplift at joint(s) except (jt=lb) 1=836, 7=986.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 580 lb down and 262 lb up at 2-0-4, 580 lb down and 262 lb up at 4-0-4, 580 lb down and 262 lb up at 6-0-4, 580 lb down and 262 lb up at 8-0-4, and 580 lb down and 262 lb up at 10-0-4, and 583 lb down and 260 lb up at 12-0-4 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
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 11-15=-20



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Continued on page 2

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 19=-580(F) 20=-580(F) 21=-580(F) 22=-580(F) 23=-580(F) 24=-583(F)

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

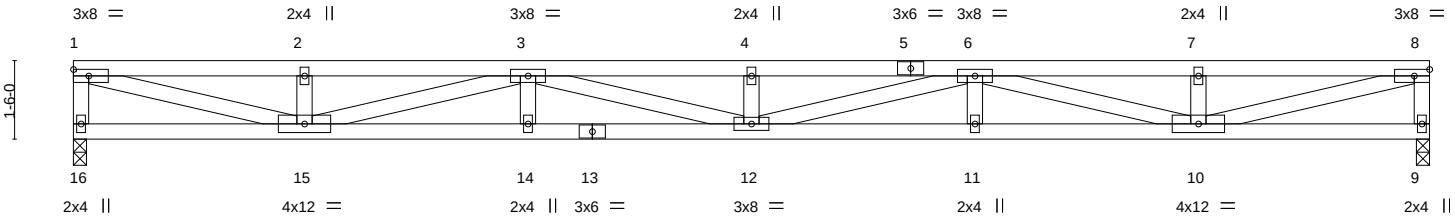
Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	TF01	FLOOR	2	2	T21450625

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:24 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-eTOlWMoB76Q2_ylklxBVd9kehTOMxgBPm6pYAZyYScz

4-5-0	8-8-4	12-11-8	17-2-12	21-6-0	25-11-0
4-5-0	4-3-4	4-3-4	4-3-4	4-3-4	4-5-0

Scale = 1:44.0



4-5-0	8-8-4	12-11-8	17-2-12	21-6-0	25-11-0
4-5-0	4-3-4	4-3-4	4-3-4	4-3-4	4-5-0

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.29	Vert(LL)	-0.39	12	>779	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.69	Vert(CT)	-0.54	12	>566	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.06	9	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 246 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 5-3-11 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

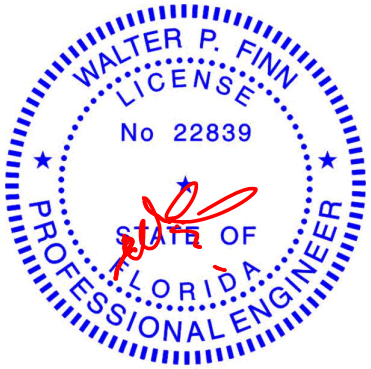
REACTIONS. (size) 16=0-3-0, 9=0-3-0
Max Grav 16=940(LC 1), 9=940(LC 1)

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

TOP CHORD	1-16=-904/0, 1-2=-2781/0, 2-3=-2781/0, 3-4=-4960/0, 4-6=-4960/0, 6-7=-2781/0, 7-8=-2781/0, 8-9=-904/0
BOT CHORD	14-15=0/4420, 12-14=0/4420, 11-12=0/4420, 10-11=0/4420
WEBS	1-15=0/2781, 2-15=-286/0, 3-15=-1704/0, 3-12=0/560, 4-12=-282/0, 6-12=0/560, 6-10=-1704/0, 7-10=-286/0, 8-10=0/2781

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: 2x4 - 1 row at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) The Fabrication Tolerance at joint 5 = 20%, joint 13 = 20%
4) Required 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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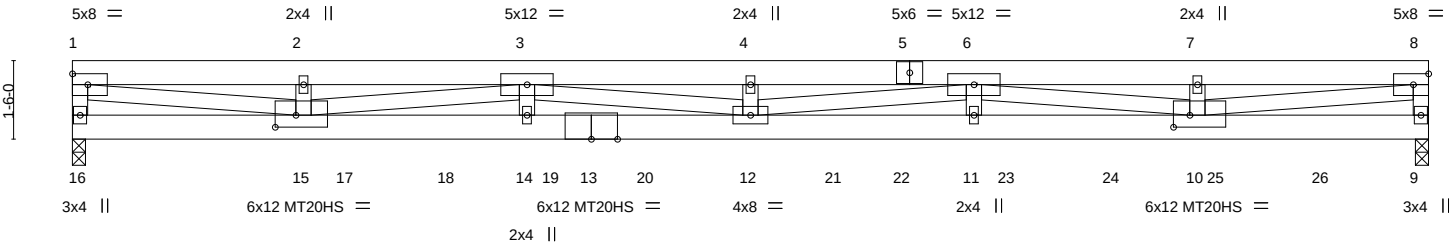
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450626
2454743	TF02	FLOOR	1	4	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:25 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-7fy7kippuPYvb6KxJfikANHggskpgATY_mZ5i?yYScy

4-5-0	8-8-4	12-11-8	17-2-12	21-6-0	25-11-0
4-5-0	4-3-4	4-3-4	4-3-4	4-3-4	4-5-0

Scale = 1:44.0



4-5-0	8-8-4	12-11-8	17-2-12	21-6-0	25-11-0
4-5-0	4-3-4	4-3-4	4-3-4	4-3-4	4-5-0

Plate Offsets (X,Y)-- [10:0-3-12,0-2-12], [15:0-4-12,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.85	Vert(LL)	-0.69	12	>447	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.67	Vert(CT)	-0.93	12	>329	240	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	NO	WB	0.47	Horz(CT)	0.07	9	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 652 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP M 26
WEBS 2x4 SP No.3 *Except*
1-15,3-15,3-12,6-12,6-10,8-10: 2x4 SP M 31

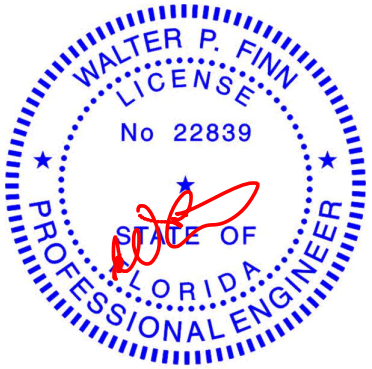
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 16=0-3-0, 9=0-3-0
Max Grav 16=3943(LC 1), 9=3909(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-16=-3643/0, 1-2=-13947/0, 2-3=-13947/0, 3-4=-26385/0, 4-6=-26385/0, 6-7=-13122/0, 7-8=-13122/0, 8-9=-3418/0
BOT CHORD 15-16=0/840, 14-15=0/24171, 12-14=0/24171, 11-12=0/23256, 10-11=0/23256, 9-10=0/864
WEBS 1-15=0/13491, 3-15=-10524/0, 3-14=0/1375, 3-12=0/2279, 6-12=0/3221, 6-11=0/1120, 6-10=-10430/0, 8-10=0/12618

NOTES-
1) 4-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, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-6-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
Attach BC w/ 1/2" diam. bolts (ASTM A-307) in the center of the member w/washers at 4-0-0 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) All plates are MT20 plates unless otherwise indicated.
4) The Fabrication Tolerance at joint 5 = 20%, joint 13 = 20%
5) Required 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 266 lb down at 12-11-8, 917 lb down at 5-3-1, 319 lb down at 7-2-4, 319 lb down at 9-2-4, 917 lb down at 11-0-0, 841 lb down at 14-7-1, 291 lb down at 15-10-12, 291 lb down at 17-10-12, 291 lb down at 19-10-12, and 291 lb down at 21-10-12, and 291 lb down at 23-10-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-8=-100, 9-16=-10



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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 12=-266(F) 17=-917(F) 18=-319(F) 19=-319(F) 20=-917(F) 21=-841(F) 22=-291(F) 23=-291(F) 24=-291(F) 25=-291(F) 26=-291(F)

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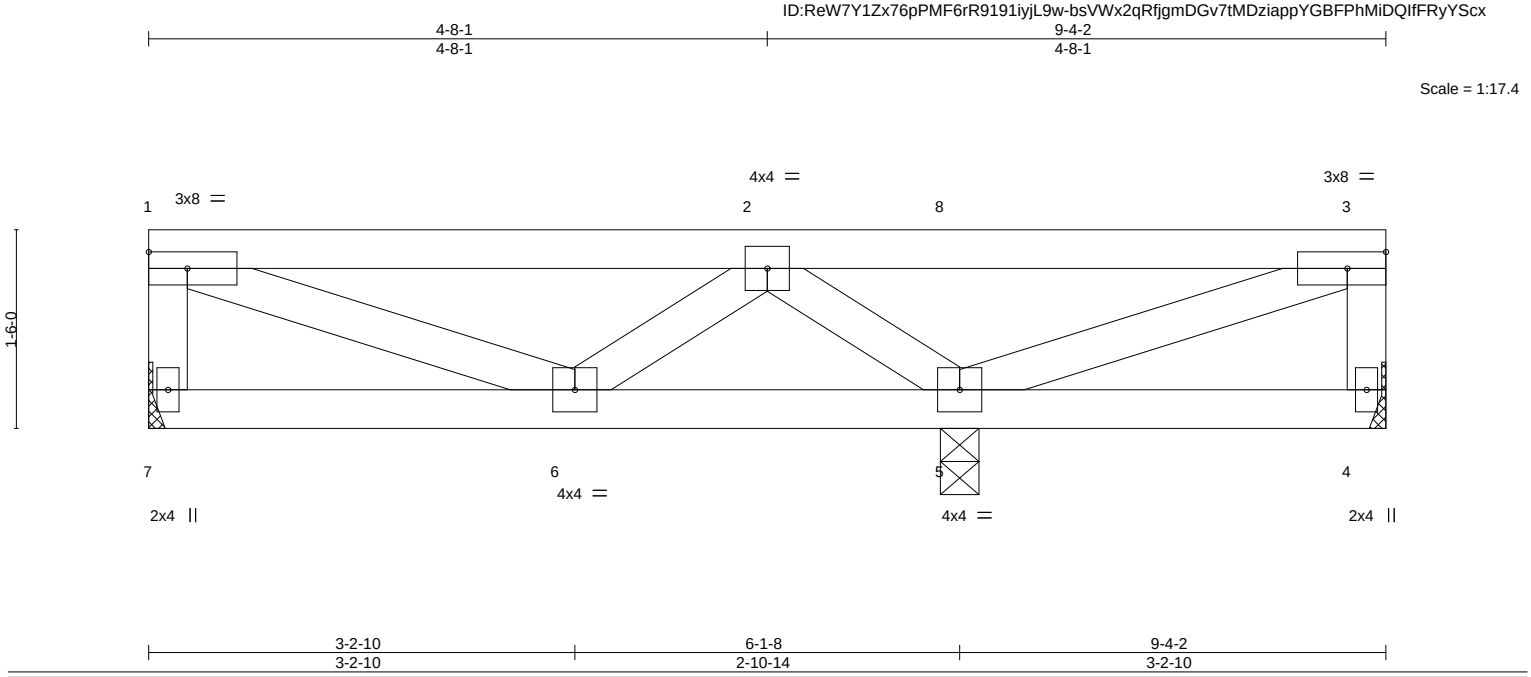
Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	TF03	FLOOR	1	2	T21450627
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:26 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-bsVWx2qRfjgmDGv7tMDziappYGBFPhMiDQIfFRyYScx



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.97	Vert(LL)	-0.01	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.21	Vert(CT)	-0.01	6	>999	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.24	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 89 lb	FT = 20%

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

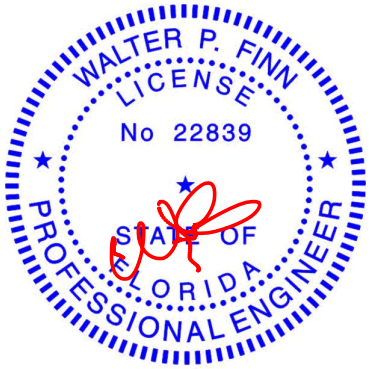
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 7=Mechanical, 4=Mechanical, 5=0-3-8
Max Uplift 4=-50(LC 3)
Max Grav 7=851(LC 1), 4=467(LC 4), 5=1626(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-7=-813/0, 1-2=-791/0, 2-3=0/480, 3-4=-452/54
BOT CHORD 5-6=0/1095
WEBS 1-6=0/644, 2-6=-395/0, 2-5=-2048/0, 3-5=-696/0

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: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced floor live loads have been considered for this design.
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.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-3=-300, 4-7=-10



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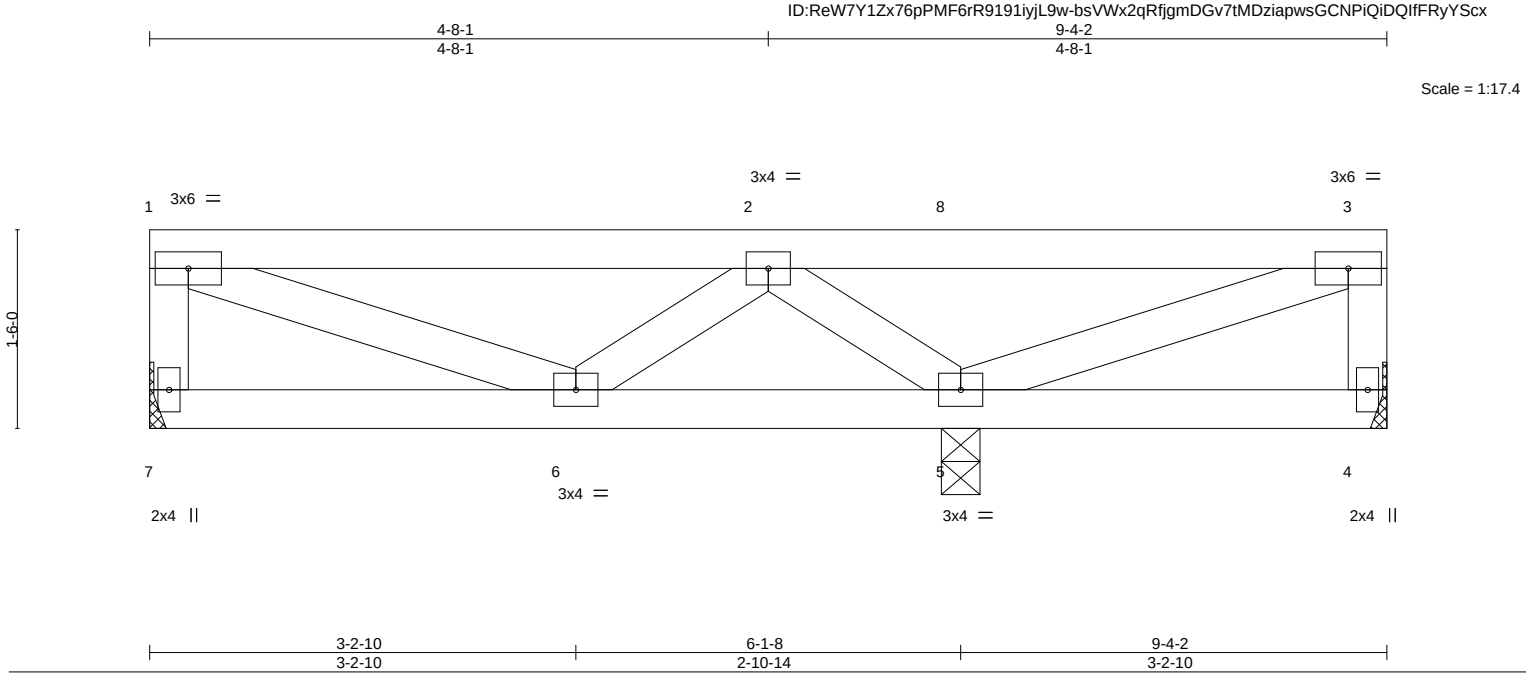
Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450628
2454743	TF04	FLOOR	5	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:26 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-bsVWx2qRfjgmDGv7tMDziapwsGCNPiQiDQIfFRyYScx



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.57	Vert(LL)	-0.01	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.14	Vert(CT)	-0.01	6	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 45 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.

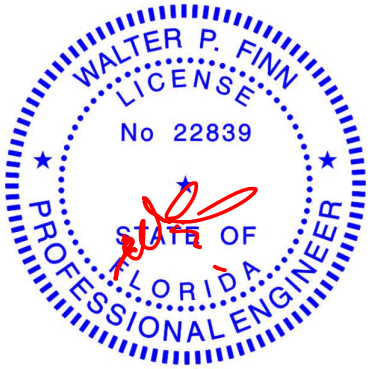
REACTIONS. (size) 7=Mechanical, 4=Mechanical, 5=0-3-8
Max Uplift 4=-20(LC 3)
Max Grav 7=301(LC 1), 4=163(LC 4), 5=580(LC 1)

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

TOP CHORD	1-7=-279/0, 1-2=-285/0
BOT CHORD	5-6=0/371
WEBS	2-5=-702/0

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES. T21450629
2454743	TF05	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:27 2020 Page 1
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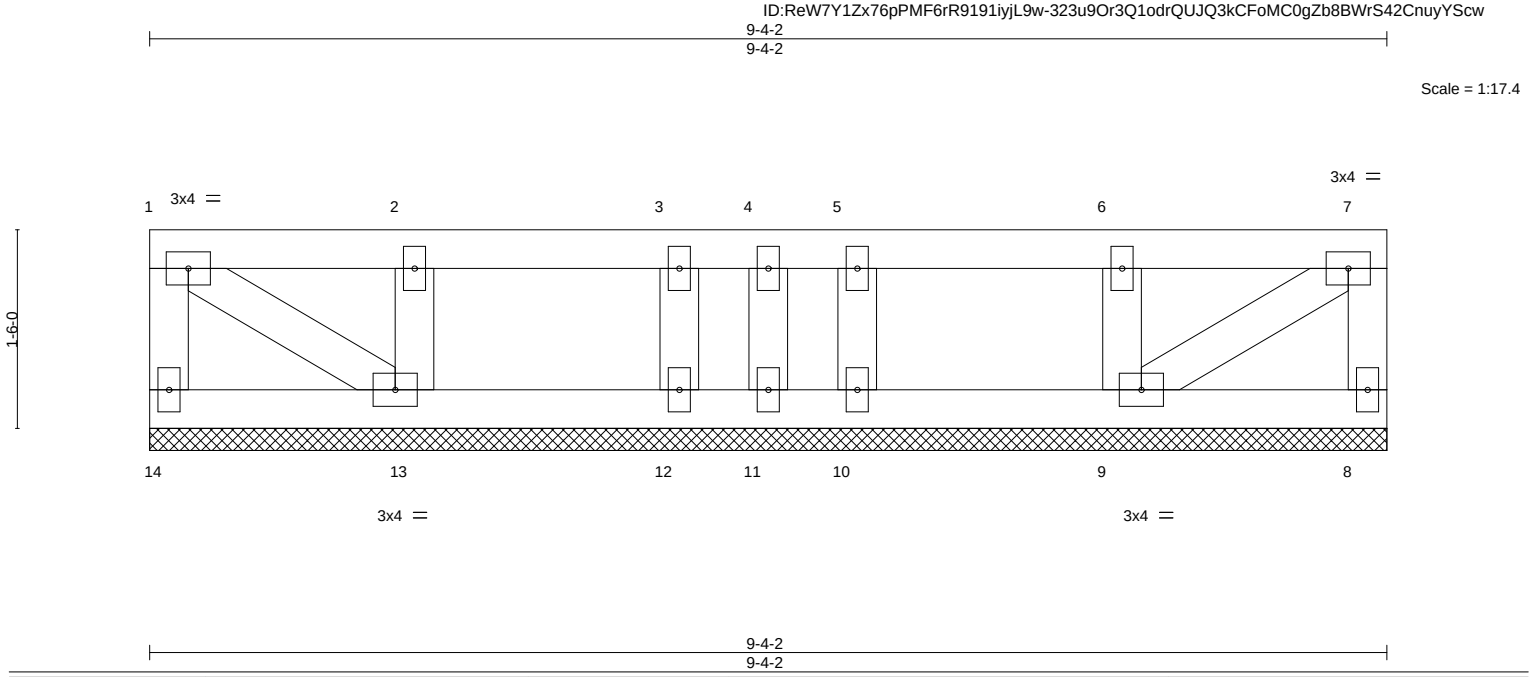


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	8	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 43 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

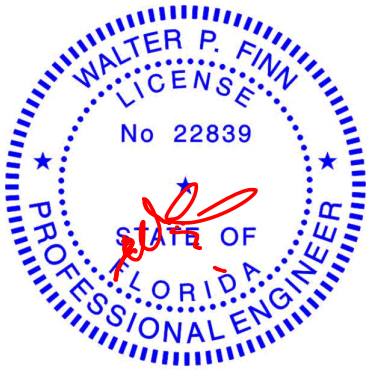
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 9-4-2 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 9-4-2.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 14, 8, 11, 9, 10, 13, 12

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

NOTES-
1) All plates are 2x4 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 2-0-0 oc.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	TF06	FLOOR	2	2	T21450630
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:27 2020 Page 1
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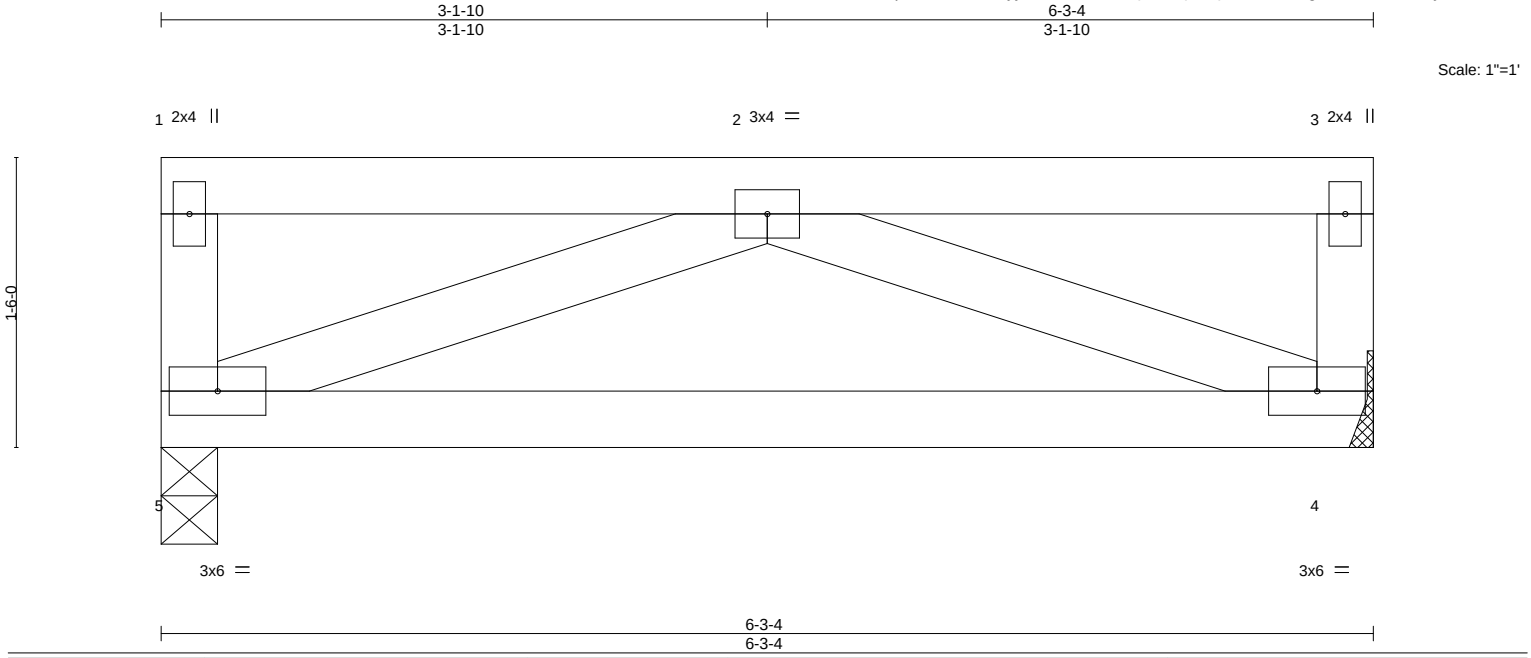


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.38	Vert(LL)	0.00	5	****	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.27	Vert(CT)	-0.02	4-5	>999	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.18	Horz(CT)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 61 lb	FT = 20%

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

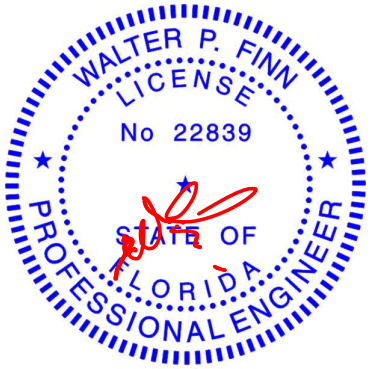
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-3-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-3-8, 4=Mechanical
Max Grav 5=927(LC 1), 4=927(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-5=-355/0, 3-4=-355/0
BOT CHORD 4-5=0/1342
WEBS 2-5=-1447/0, 2-4=-1447/0

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: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Refer to girder(s) for truss to truss connections.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-3=-300, 4-5=-10



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Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	TF07	FLOOR	2	1	T21450631
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:28 2020 Page 1
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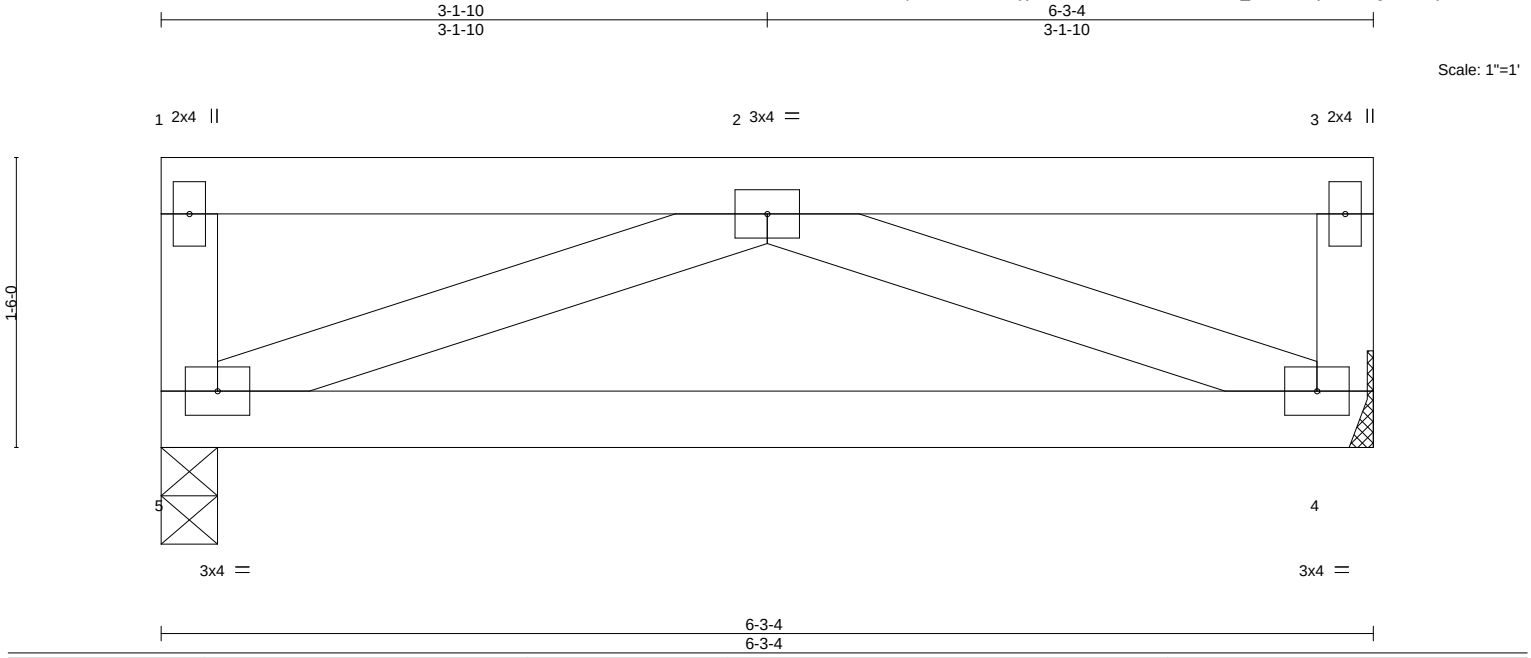


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.22	Vert(LL)	0.00	5	****	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.26	Vert(CT)	-0.04	4-5	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 30 lb	FT = 20%

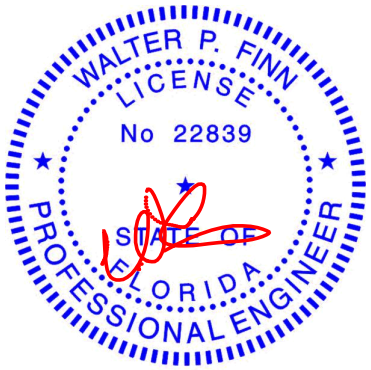
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 5=0-3-8, 4=Mechanical
Max Grav 5=329(LC 1), 4=329(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 4-5=0/447
WEBS 2-5=-482/0, 2-4=-482/0

NOTES-
1) Refer to girder(s) for truss to truss connections.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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September 30,2020

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Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ***ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information*** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - ADAM'S RES.
2454743	TG01	FLAT	1	2	T21450632
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:22:29 2020 Page 1
ID:ReW7Y1Zx76pPMF6rR9191iyjL9w-?RBea4sKxe2L4keiYUngKDRNeU9icuR8vOXJsmyYScu

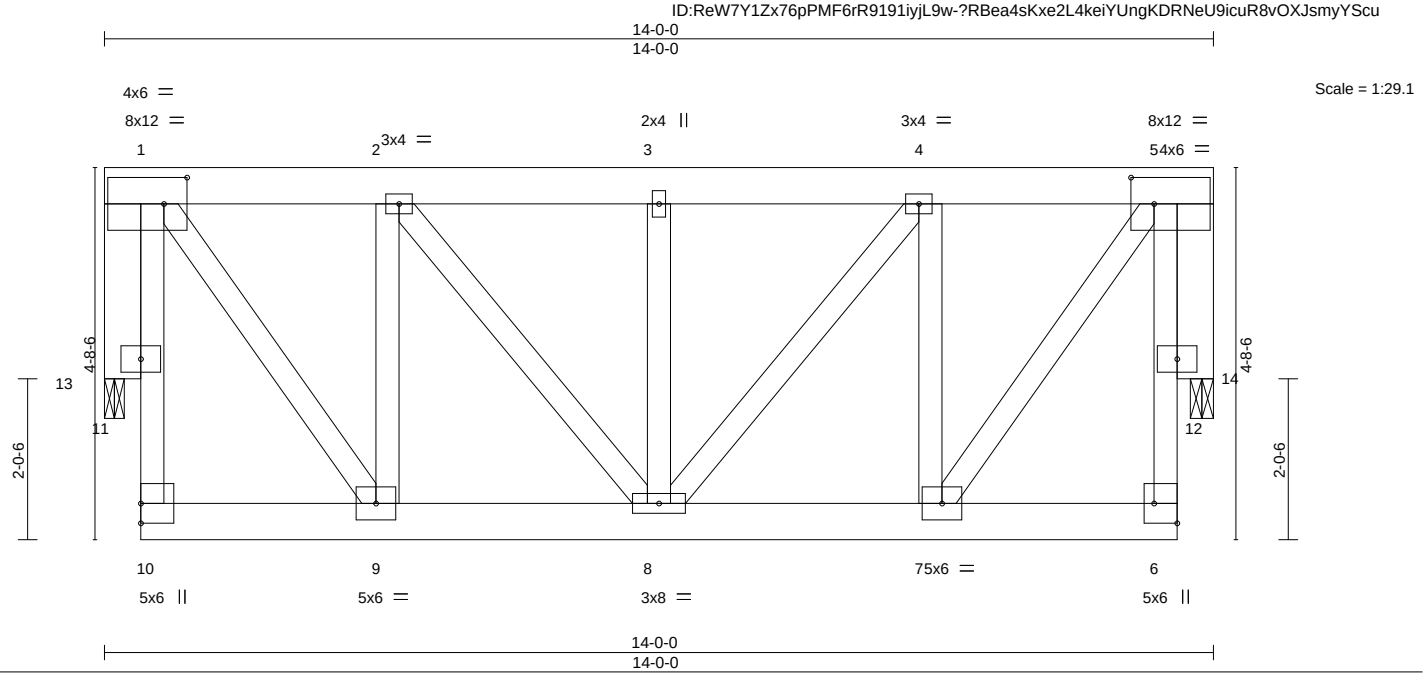


Plate Offsets (X,Y)-- [1:0-3-8,0-4-0], [5:0-3-8,0-4-0], [6:Edge,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.79	Vert(LL)	0.06	8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.08	8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.85	Horz(CT)	0.15	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 260 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* 1-10,5-6: 2x4 SP No.2
OTHERS	2x6 SP No.2

BRACING-

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

REACTIONS. (size) 13=0-3-0, 14=0-3-8
Max Uplift 13=-2209(LC 4), 14=-2215(LC 4)
Max Grav 13=4624(LC 1), 14=4638(LC 1)

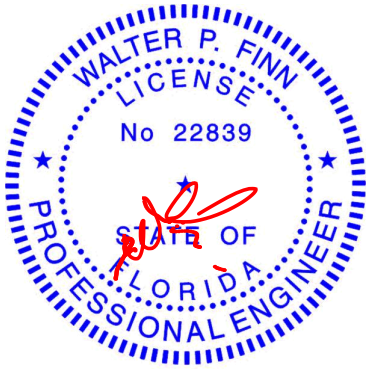
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	10-11=-276/616, 1-11=-276/616, 1-2=-2266/1083, 2-3=-3233/1543, 3-4=-3233/1543, 4-5=-2254/1077, 6-12=-273/610, 5-12=-273/610
BOT CHORD	9-10=-276/577, 8-9=-1499/3138, 7-8=-1494/3126, 6-7=-267/557
WEBS	2-9=-2529/1262, 3-8=-1162/607, 4-7=-2535/1265, 1-9=-2132/4464, 2-8=-733/1538, 4-8=-742/1556, 5-7=-2139/4479, 1-13=-4709/2250, 5-14=-4716/2253

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, 2x6 - 2 rows staggered at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 13, 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2209 lb uplift at joint 13 and 2215 lb uplift at joint 14.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard



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September 30,2020

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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: 6-10=-370(F=-250, B=-100), 1-5=-354(F=-300)

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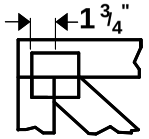
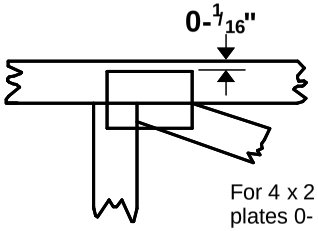
Symbols

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.

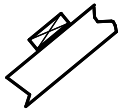
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

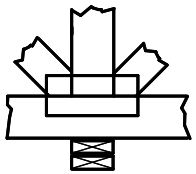
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

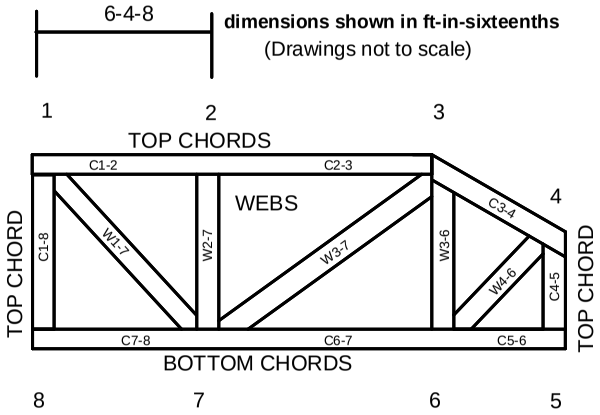


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.

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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.