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

RE: 2449138 - IC CONST. - MONTGOMERY RES.

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

Site Information:

Customer Info: IC Const. Project Name: Montgomery Res. Model: Custom
Lot/Block: TBD Subdivision: High Point Farms
Address: TBD High Point Drive, N/A
City: Columbia Cty State: FL

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

Name: License #:
Address:
City: State:

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

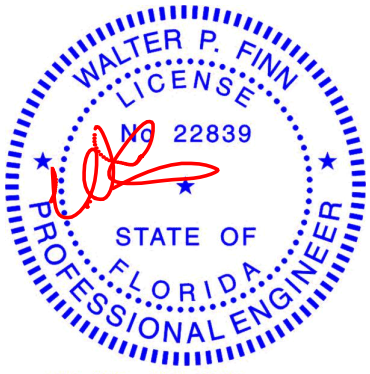
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 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	T21450561	EJ01	9/30/20	23	T21450583	T16	9/30/20
2	T21450562	EJ02	9/30/20	24	T21450584	T17	9/30/20
3	T21450563	PB01	9/30/20	25	T21450585	T18	9/30/20
4	T21450564	PB01G	9/30/20	26	T21450586	T19	9/30/20
5	T21450565	T01	9/30/20	27	T21450587	T19G	9/30/20
6	T21450566	T01G	9/30/20	28	T21450588	T20	9/30/20
7	T21450567	T02	9/30/20	29	T21450589	T21	9/30/20
8	T21450568	T03	9/30/20	30	T21450590	T21G	9/30/20
9	T21450569	T03G	9/30/20	31	T21450591	V01	9/30/20
10	T21450570	T04	9/30/20	32	T21450592	V02	9/30/20
11	T21450571	T05	9/30/20	33	T21450593	V03	9/30/20
12	T21450572	T06	9/30/20	34	T21450594	V04	9/30/20
13	T21450573	T07	9/30/20	35	T21450595	V05	9/30/20
14	T21450574	T08	9/30/20	36	T21450596	V06	9/30/20
15	T21450575	T09	9/30/20				
16	T21450576	T10	9/30/20				
17	T21450577	T11	9/30/20				
18	T21450578	T12	9/30/20				
19	T21450579	T12G	9/30/20				
20	T21450580	T13	9/30/20				
21	T21450581	T14	9/30/20				
22	T21450582	T15	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.



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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. - MONTGOMERY RES. T21450561
2449138	EJ01	Jack-Partial	14	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:19:46 2020 Page 1
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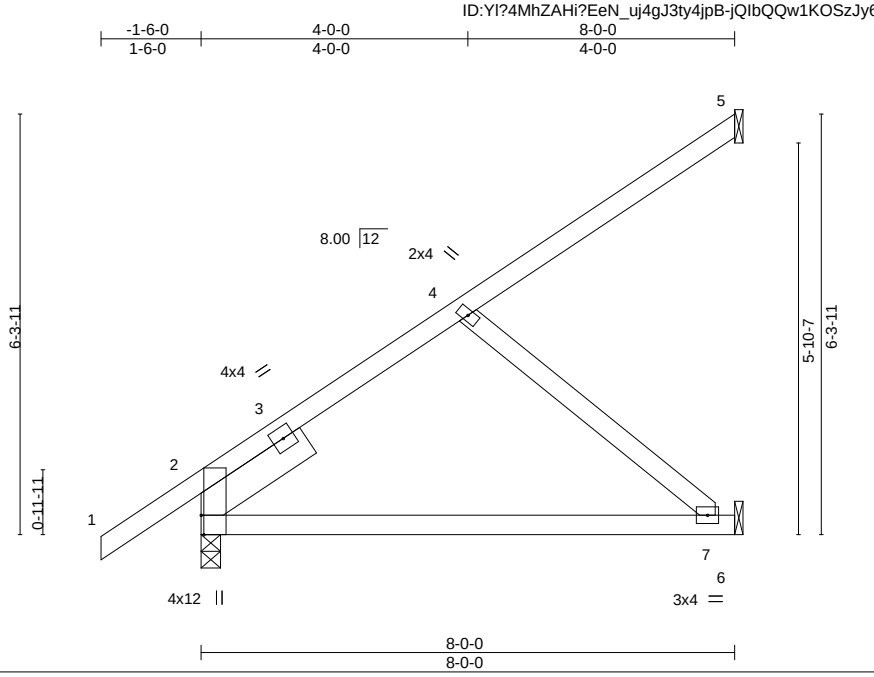


Plate Offsets (X,Y)-- [2:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.34	Vert(LL)	-0.12	7-10	>800	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.24	7-10	>397	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.02	2	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 41 lb	FT = 20%

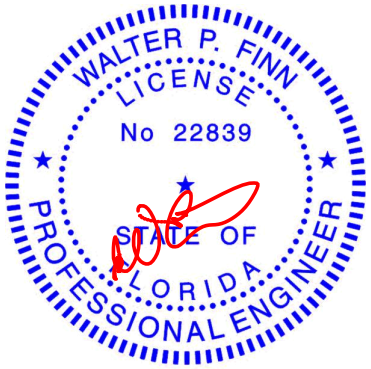
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8

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

REACTIONS. (size) 5=Mechanical, 2=0-3-8, 6=Mechanical
Max Horz 2=299(LC 12)
Max Uplift 5=-98(LC 12), 2=-83(LC 12), 6=-141(LC 12)
Max Grav 5=98(LC 19), 2=382(LC 1), 6=230(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-652/15
BOT CHORD 2-7=-205/267
WEBS 4-7=-350/269

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 2 except (jt=lb) 6=141.



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September 30,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450562
2449138	EJ02	Jack-Open	5	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:19:47 2020 Page 1
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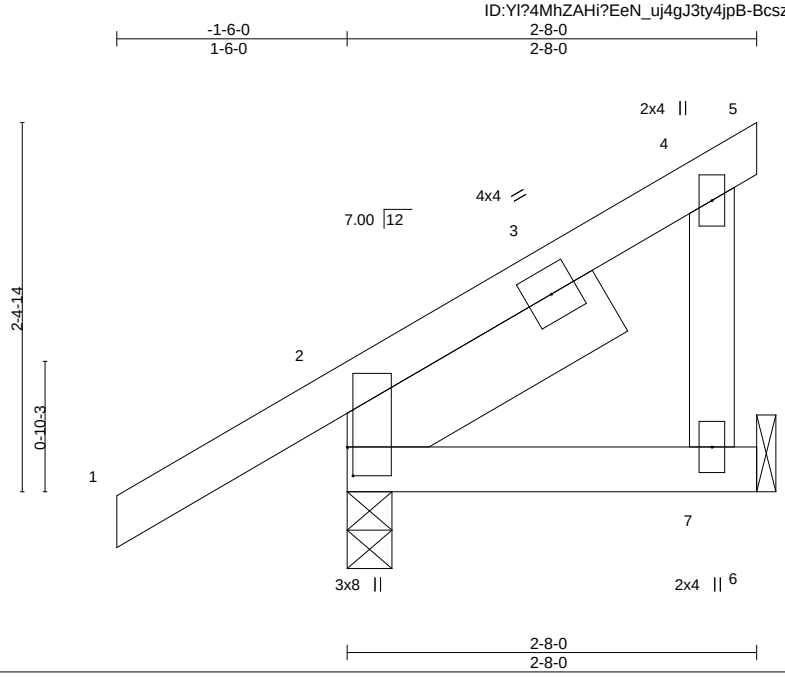


Plate Offsets (X,Y)-- [2:0-2-4,0-0-7]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	0.00	10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.00	10	>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: 18 lb	FT = 20%

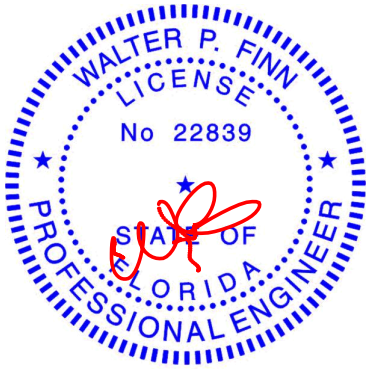
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8

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

REACTIONS. (size) 2=0-3-8, 7=Mechanical
Max Horz 2=111(LC 12)
Max Uplift 2=-64(LC 12), 7=-76(LC 12)
Max Grav 2=194(LC 1), 7=91(LC 19)

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

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



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES.
2449138	PB01	Piggyback	17	1	T21450563 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:19:48 2020 Page 1
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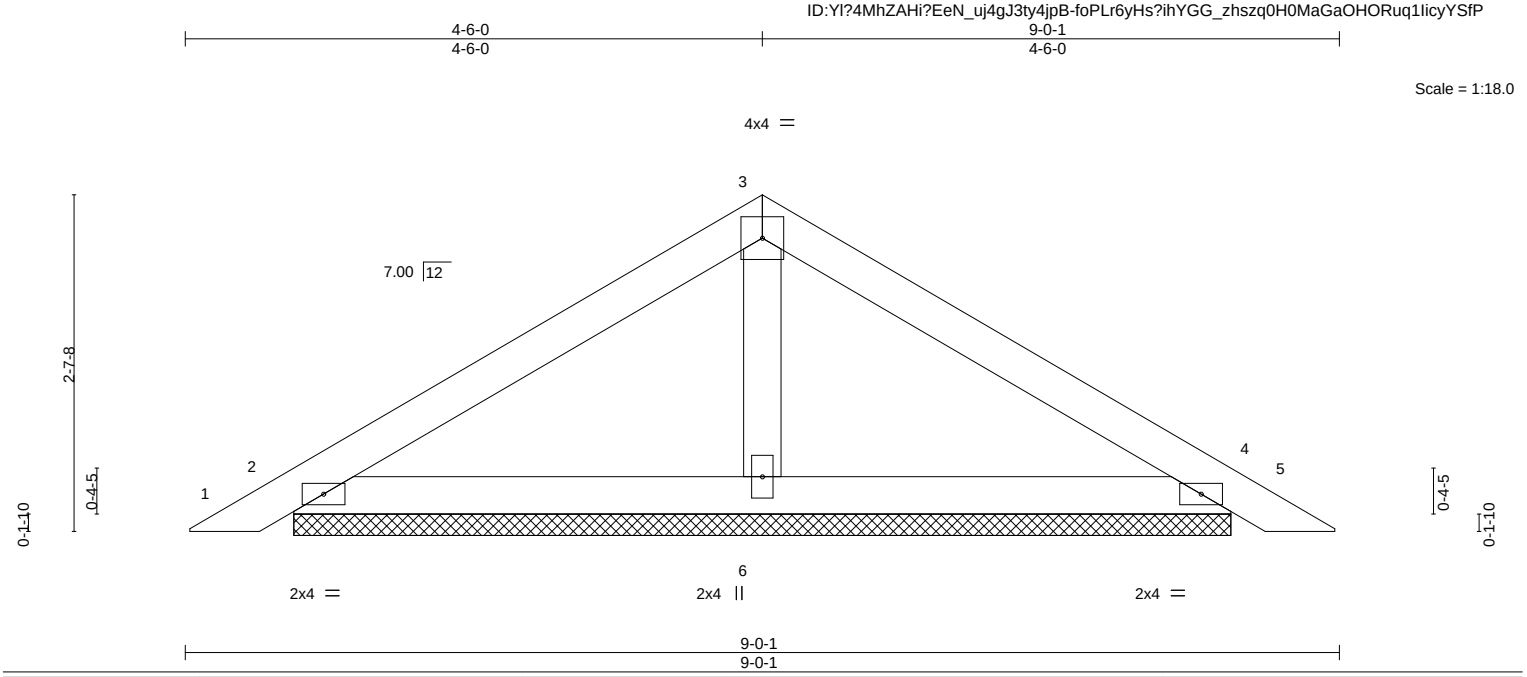


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	0.01	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 29 lb	FT = 20%

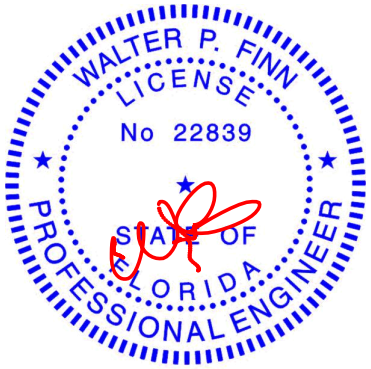
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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=7-3-11, 4=7-3-11, 6=7-3-11
Max Horz 2=76(LC 11)
Max Uplift 2=-79(LC 12), 4=-89(LC 13), 6=-77(LC 12)
Max Grav 2=159(LC 1), 4=161(LC 20), 6=282(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 6.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450564
2449138	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 11:19:49 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-7?zj2RyvdJqYAQrAXPNDNDpBz_dK7klb6UmrF2yYSfO

3-11-1 7-10-2
3-11-1 3-11-1

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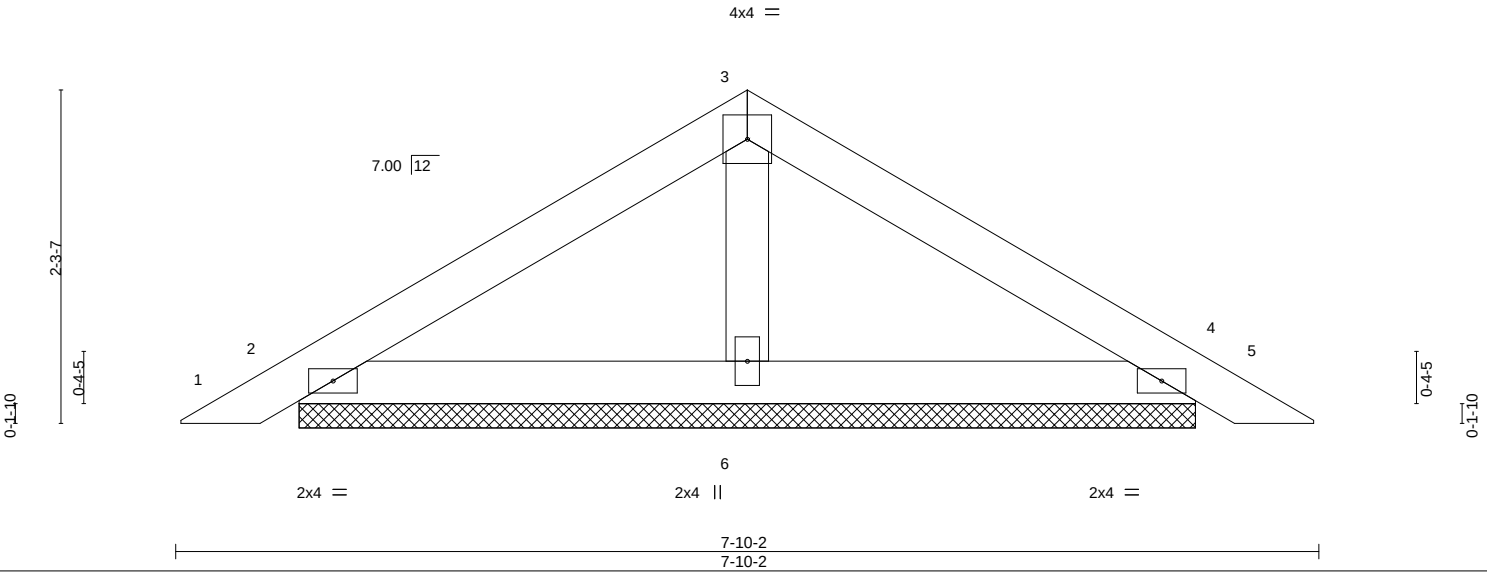


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	0.01	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 25 lb	FT = 20%

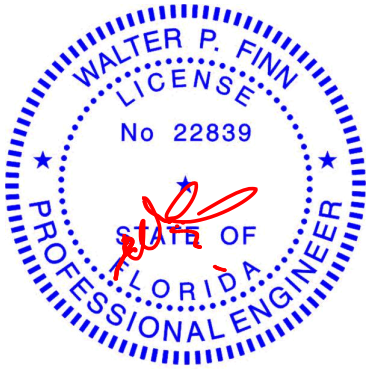
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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=6-1-13, 4=6-1-13, 6=6-1-13
Max Horz 2=-66(LC 10)
Max Uplift 2=-80(LC 12), 4=-89(LC 13), 6=-44(LC 12)
Max Grav 2=150(LC 1), 4=150(LC 20), 6=214(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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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September 30,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450565
2449138	T01	Common	15	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:19:50 2020 Page 1
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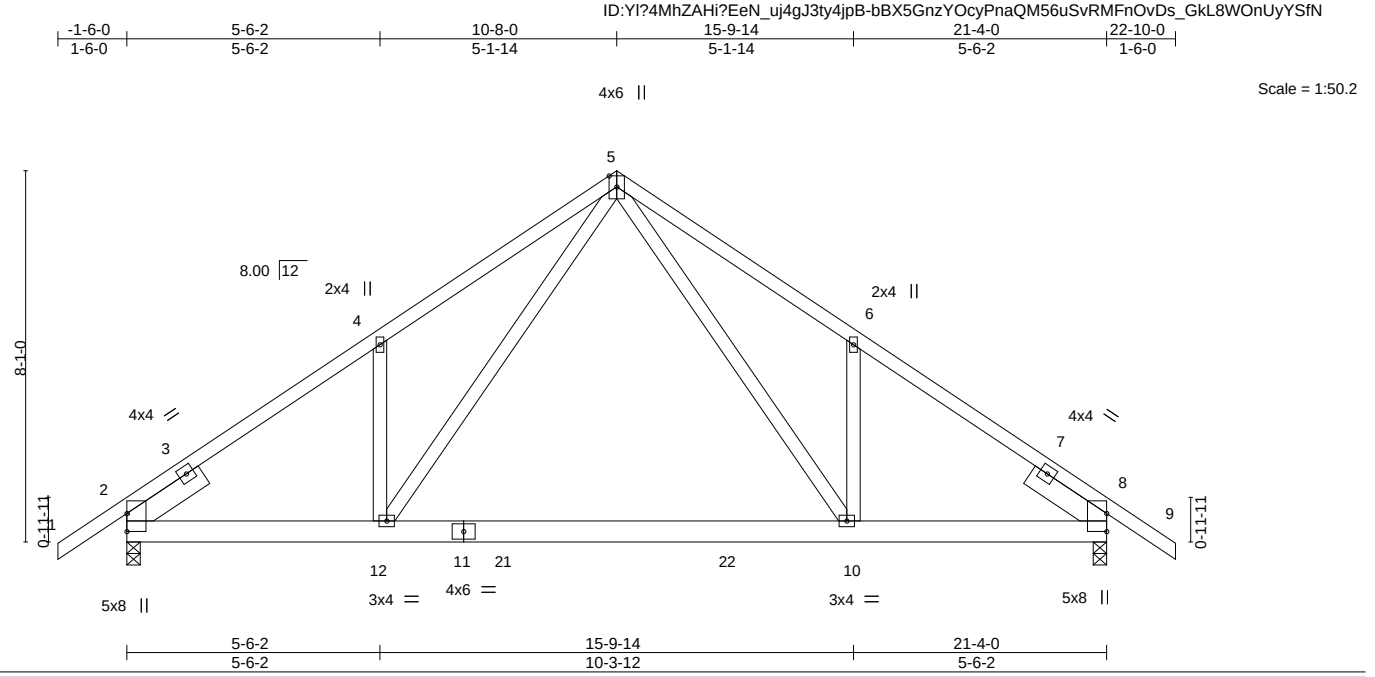


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.19	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	-0.38	10-12	>681	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.84	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 141 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP M 26
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

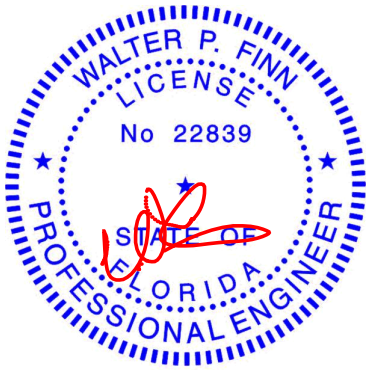
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 8=0-3-8
Max Horz 2=253(LC 11)
Max Uplift 2=-475(LC 12), 8=-475(LC 13)
Max Grav 2=1203(LC 19), 8=1203(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1670/686, 4-5=-1713/868, 5-6=-1714/868, 6-8=-1670/686
BOT CHORD 2-12=-530/1486, 10-12=-238/908, 8-10=-423/1340
WEBS 5-10=-524/1036, 6-10=-303/314, 5-12=-524/1036, 4-12=-303/314

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=475, 8=475.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-54, 5-9=-54, 12-13=-20, 10-12=-80(F=-60), 10-17=-20



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Date:
September 30,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450566
2449138	T01G	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 11:19:51 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-3N5UT7_A9w4FPk?YfqPhSeuXtnKNbdxuaoFyJwyYSfM

-1-6-0 | 10-8-0 | 21-4-0 | 22-10-0
1-6-0 | 10-8-0 | 10-8-0 | 1-6-0

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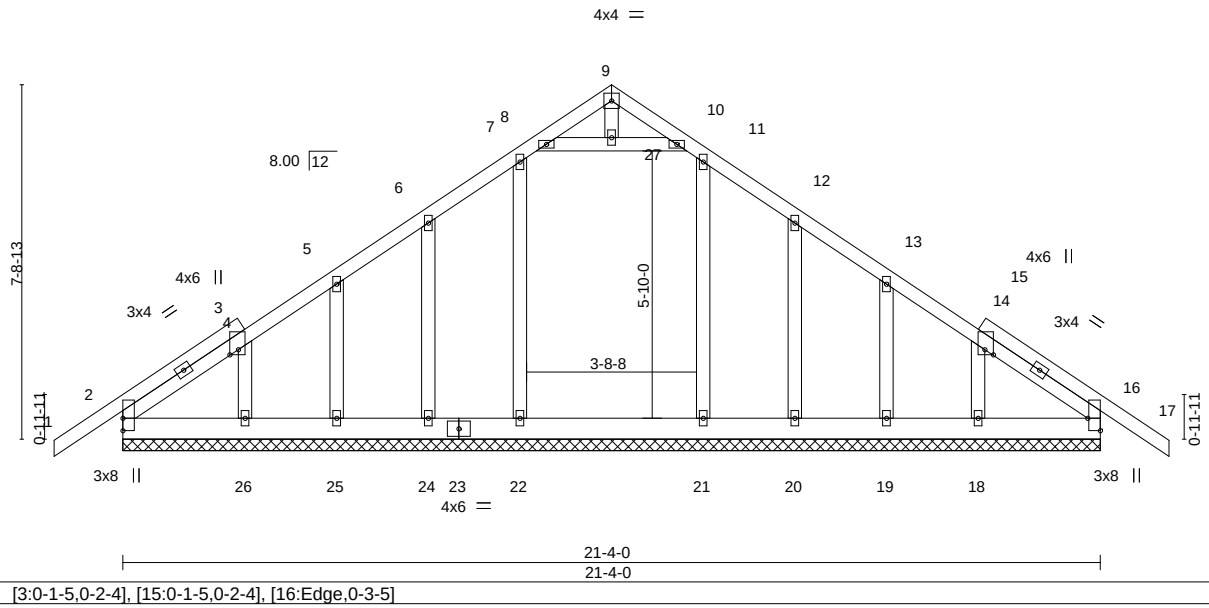


Plate Offsets (X,Y)-- [3:0-1-5,0-2-4], [15:0-1-5,0-2-4], [16:Edge,0-3-5]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.12	Vert(LL)	-0.01	17	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.01	17	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	16	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 153 lb	FT = 20%

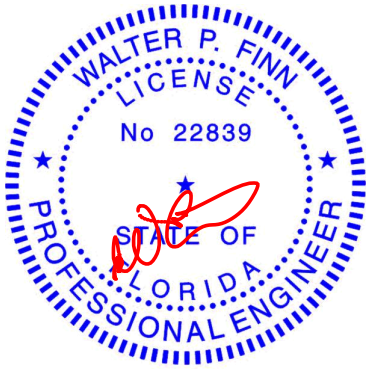
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 21-4-0.
(lb) - Max Horz 2=-242(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 22, 21 except 24=-121(LC 12), 25=-103(LC 12), 26=-148(LC 12), 20=-123(LC 13), 19=-104(LC 13), 18=-143(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 16, 24, 25, 26, 20, 19, 18 except 22=315(LC 19), 21=284(LC 20)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 16, 22, 21 except (jt=lb) 24=121, 25=103, 26=148, 20=123, 19=104, 18=143.



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September 30,2020

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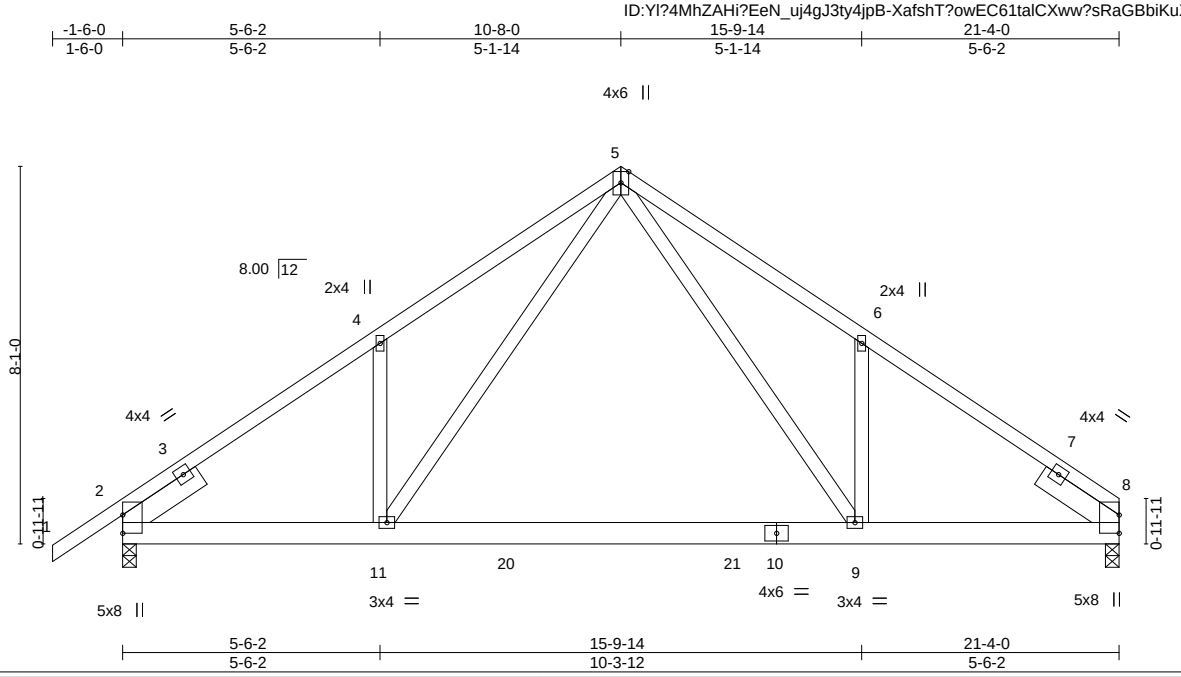
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450567
2449138	T02	Common	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:19:52 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-XafshT?owEC61talCXww?sRaGBbiKuX1pS?VrNyYSfL



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)	-0.19	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	-0.37	9-11	>685	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.86	Horz(CT)	0.03	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 2x6 SP M 26
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8, Right 2x6 SP No.2 1-11-8

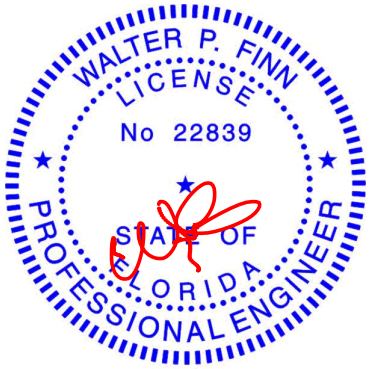
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 8=0-3-8, 2=0-3-8
Max Horz 2=242(LC 11)
Max Uplift 8=-423(LC 13), 2=-475(LC 12)
Max Grav 8=1122(LC 20), 2=1204(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1672/690, 4-5=-1715/871, 5-6=-1729/878, 6-8=-1684/695
BOT CHORD 2-11=-551/1471, 9-11=-259/895, 8-9=-470/1331
WEBS 5-9=-533/1051, 6-9=-302/316, 5-11=-523/1034, 4-11=-303/314

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=423, 2=475.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-54, 5-8=-54, 11-16=-20, 9-11=-80(F=-60), 9-12=-20



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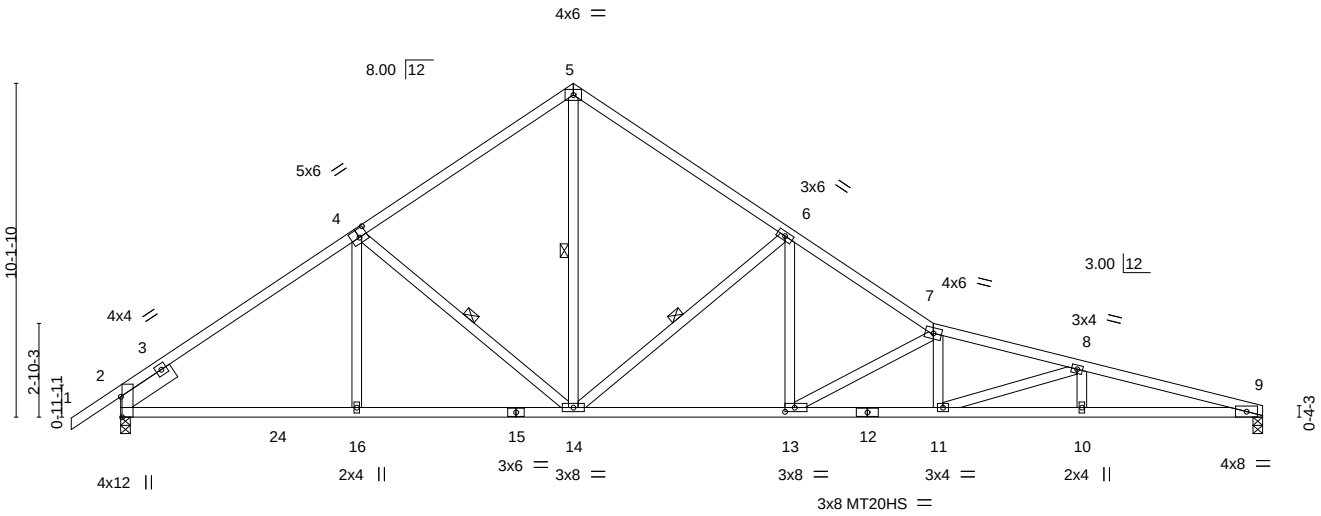
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450568
2449138	T03	Roof Special	5	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:19:53 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-?mDEup?QhXKze19xmER9X3_lVbq?3KuA16l3OpyYSfK

1-6-0	7-2-0	13-8-14	20-3-12	24-8-1	29-2-2	34-8-0
1-6-0	7-2-0	6-6-14	6-6-14	4-4-5	4-6-2	5-5-14

Scale = 1:69.9



7-2-0	13-8-14	20-3-12	24-8-1	29-2-2	34-8-0
7-2-0	6-6-14	6-6-14	4-4-5	4-6-2	5-5-14

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	0.30	11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.53	11-13	>779	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.11	9	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 191 lb	FT = 20%

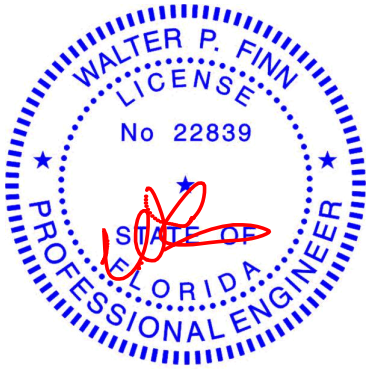
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-4: 2x4 SP M 31
BOT CHORD 2x4 SP M 31 *Except*
12-15: 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-5-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-9-0 oc bracing.
WEBS 1 Row at midpt 4-14, 5-14, 6-14

REACTIONS. (size) 9=0-3-8, 2=0-3-8
Max Horz 2=-313(LC 10)
Max Uplift 9=-507(LC 13), 2=-483(LC 12)
Max Grav 9=1281(LC 1), 2=1365(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1734/787, 4-5=-1425/759, 5-6=-1428/757, 6-7=-2469/1162, 7-8=-3735/1731, 8-9=-4310/2030
BOT CHORD 2-16=-523/1455, 14-16=-523/1455, 13-14=-778/2022, 11-13=-1563/3578, 10-11=-1923/4153, 9-10=-1923/4153
WEBS 4-14=-479/356, 5-14=-595/1206, 6-14=-1193/693, 6-13=-425/1022, 7-13=-1803/909, 7-11=-96/297, 8-11=-611/385

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=507, 2=483.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450569
2449138	T03G	Roof Special Girder	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:19:55 2020 Page 1
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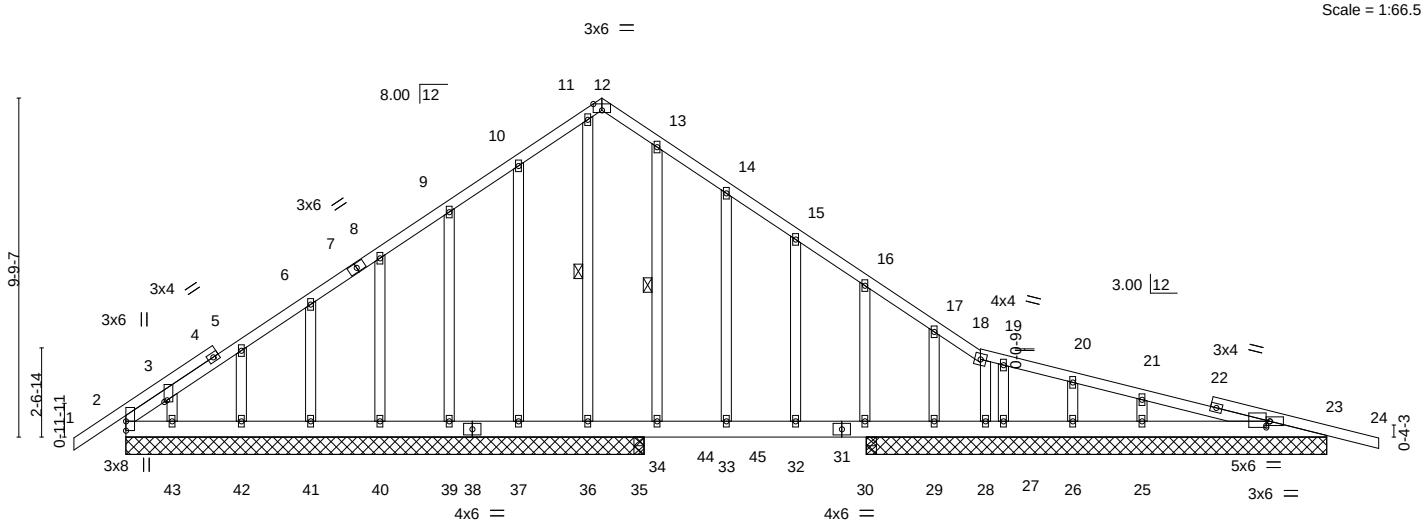
-1-6-0 | 13-8-14 | 24-8-1 | 34-8-0 | 36-2-0
1-6-0 | 13-8-14 | 10-11-2 | 9-11-15 | 1-6-0

Scale = 1:66.5



14-8-0 | 21-8-0 | 24-8-1 | 34-8-0
14-8-0 | 7-0-0 | 3-0-1 | 9-11-15

Plate Offsets (X,Y)-- [3:0-0-9,0-1-0], [12:0-3-0,Edge], [23:0-1-4,0-1-8], [23:0-1-4,0-2-2]

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	0.26	Vert(LL)	0.05	32-33	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.30	Vert(CT)	-0.04	32-33	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.14	Horz(CT)	0.01	23	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 251 lb	FT = 20%

LUMBER-

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

BRACING-

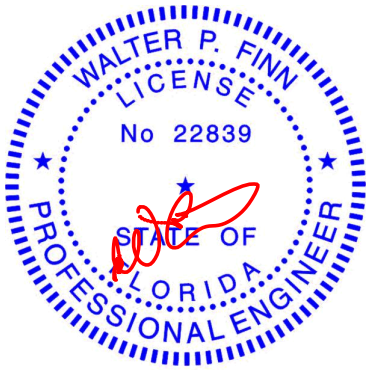
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 13-34, 11-36

REACTIONS. All bearings 14-11-8 except (jt=length) 23=13-3-8, 29=13-3-8, 27=13-3-8, 26=13-3-8, 25=13-3-8, 28=13-3-8, 30=0-3-8, 30=0-3-8, 35=0-3-8.
(lb) - Max Horz 2=-315(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) 42, 26 except 23=-176(LC 24), 2=-122(LC 23), 36=-288(LC 34), 37=-171(LC 8), 39=-113(LC 27), 40=-114(LC 8), 41=-114(LC 27), 43=-157(LC 8), 29=-187(LC 34), 27=-114(LC 24), 25=-158(LC 24), 28=-109(LC 9), 30=-644(LC 9), 35=-635(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 2, 37, 39, 40, 41, 42, 43, 29, 27, 26, 28 except 23=261(LC 1), 36=478(LC 9), 25=366(LC 1), 30=773(LC 34), 30=643(LC 1), 35=824(LC 34)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-371/251, 3-5=-265/205
BOT CHORD 2-43=-14/276, 42-43=-13/276, 41-42=-13/276, 40-41=-13/276, 39-40=-13/276, 37-39=-13/276, 36-37=-13/276, 35-36=-13/276, 34-35=-13/276, 33-34=-13/276, 32-33=-13/276, 30-32=-13/276, 29-30=-13/276, 28-29=-13/276, 27-28=-13/275, 26-27=-13/275, 25-26=-13/275, 23-25=-13/275

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Solid blocking is required on both sides of the truss at joint(s), 2.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 42, 26 except (jt=lb) 23=176, 2=122, 36=288, 37=171, 39=113, 40=114, 41=114, 43=157, 29=187, 27=114, 25=158, 28=109, 30=644, 35=635.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 82 lb down and 93 lb up at 14-8-12, 82 lb down and 93 lb up at 16-8-12, 82 lb down and 93 lb up at 18-2-12, and 82 lb down and 93 lb up at 19-7-4, and 82 lb down and 93 lb up at 21-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2



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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-12=-54, 12-18=-54, 18-24=-54, 2-23=-20
   Concentrated Loads (lb)
   Vert: 32=-53(B) 30=-53(B) 35=-53(B) 44=-53(B) 45=-53(B)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES.
2449138	T04	Roof Special Girder	1	2	T21450570
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055 — 8.240 s Apr 4 2020 MiTek Industries, Inc. Wed Sep 30 12:47:11 2020 Page 1

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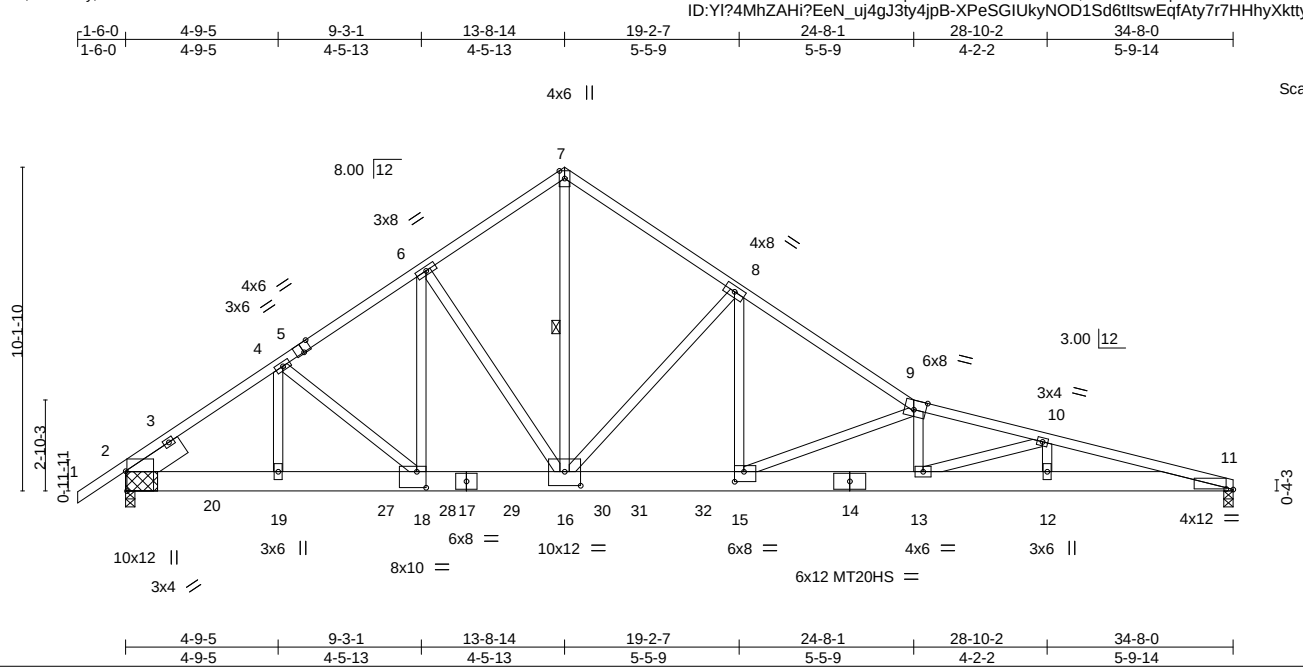


Plate Offsets (X,Y)-- [2:0-7-7,Edge], [5:0-3-0,Edge], [9:0-4-8,Edge], [11:0-2-10,0-0-3], [15:0-3-8,0-3-12], [16:0-6-0,0-5-4], [18:0-3-8,0-6-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.69	Vert(LL)	0.47	13-15	>886	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.71	13-15	>581	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.98	Horz(CT)	0.11	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 534 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP M 31 *Except*
	5-7: 2x4 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except*
	7-16: 2x4 SP No.2
SLIDER	Left 2x8 SP 2400F 2.0E 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-5-10 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 7-16

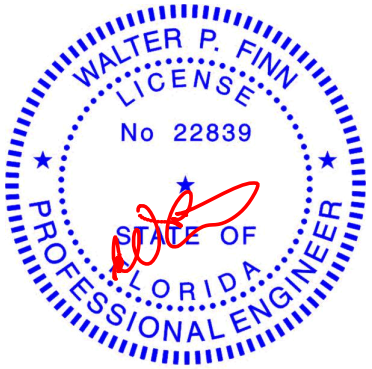
REACTIONS. (lb/size) 11=3848/0-3-8, 2=6130/(0-3-8 + bearing block) (req. 0-3-10)
Max Horz 2=-313(LC 25)
Max Uplift 11=-1749(LC 9), 2=-3125(LC 8)

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

TOP CHORD	2-3=-5732/2922, 3-4=-8937/4613, 4-5=-9196/4717, 5-6=-9168/4734, 6-7=-7355/3600, 7-8=-7374/3559, 8-9=-10192/4666, 9-10=-14337/6535, 10-11=-14624/6649
BOT CHORD	2-20=-3876/7314, 19-20=-3876/7314, 19-27=-3876/7314, 18-27=-3876/7314, 18-28=-3859/7629, 17-28=-3859/7629, 17-29=-3859/7629, 16-29=-3859/7629, 16-30=-3684/8453, 30-31=-3684/8453, 31-32=-3684/8453, 15-32=-3684/8453, 14-15=-6249/13896, 13-14=-6249/13896, 12-13=-6394/14151, 11-12=-6394/14151
WEBS	4-19=-464/137, 4-18=-316/509, 6-18=-2144/3101, 6-16=-2824/2046, 7-16=-3814/7819, 8-16=-3549/1675, 8-15=-1590/3859, 9-15=-5943/2800, 9-13=-248/299, 10-13=-468/472

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 0-7-0 oc.
   Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-5-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) 2x8 SP 2400F 2.0E bearing block 12" long at jt. 2 attached to each face with 4 rows of 10d (0.131"x3") nails spaced 3" o.c. 16 Total fasteners per block. Bearing is assumed to be SP No.2.
4) Unbalanced roof live loads have been considered for this design.
5) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
6) All plates are MT20 plates 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1749 lb uplift at joint 11 and 3125 lb uplift at joint 2.



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NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2434 lb down and 1881 lb up at 8-1-9, 1033 lb down and 484 lb up at 10-0-12, 1052 lb down and 481 lb up at 12-0-12, 982 lb down and 372 lb up at 14-0-12, and 982 lb down and 377 lb up at 16-0-12, and 982 lb down and 377 lb up at 18-0-12 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: 1-7=-54, 7-9=-54, 9-11=-54, 11-23=-20
   Concentrated Loads (lb)
   Vert: 27=-2434(F) 28=-982(F) 29=-982(F) 30=-982(F) 31=-982(F) 32=-982(F)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES.
2449138	T05	Flat Girder	1	2	T21450571

Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:00 2020 Page 1

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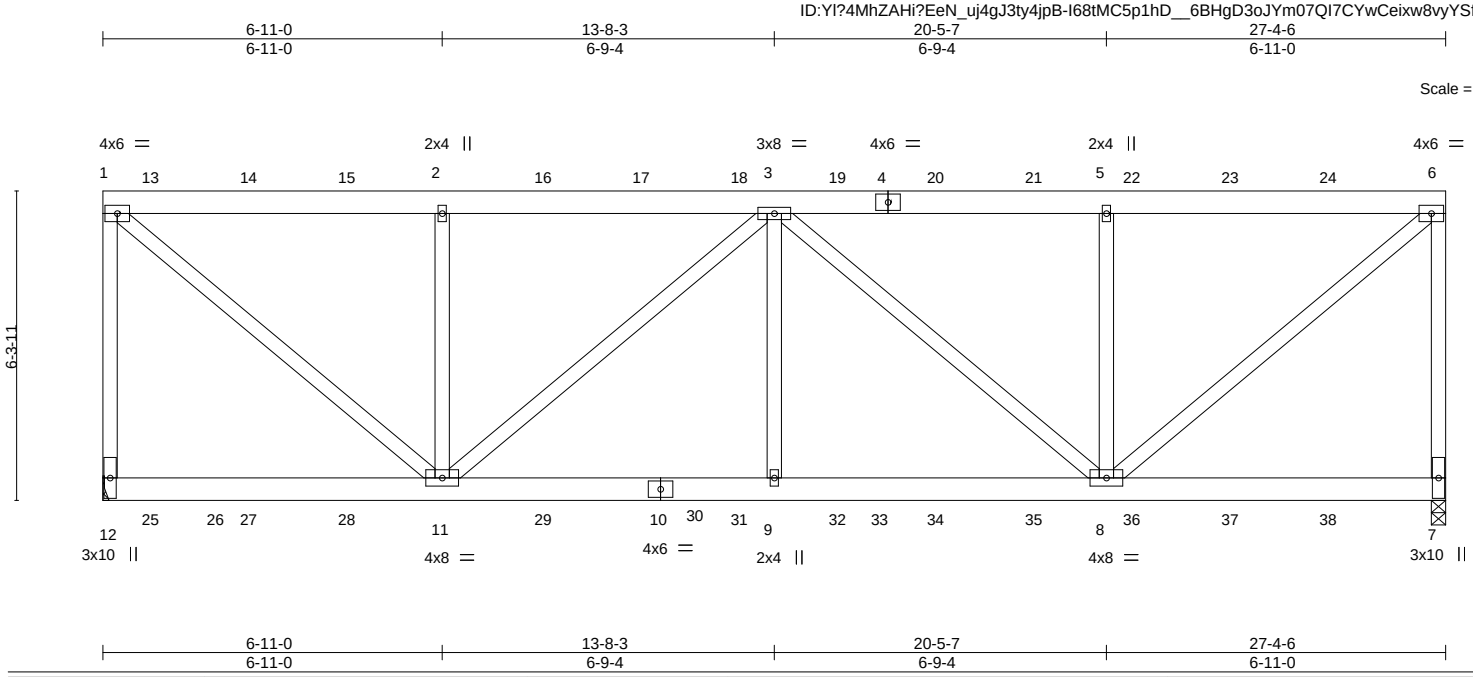


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	0.11	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.11	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.70	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 436 lb	FT = 20%

LUMBER-

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

BRACING-

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

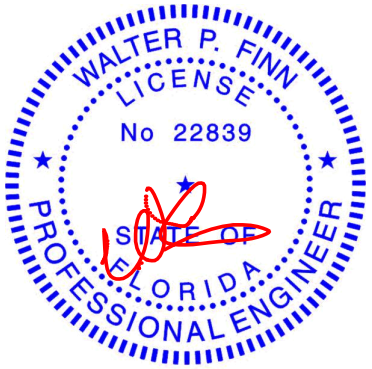
REACTIONS. (size) 12=Mechanical, 7=0-3-8
Max Uplift 12=-1861(LC 4), 7=-1946(LC 4)
Max Grav 12=2455(LC 29), 7=2557(LC 29)

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

TOP CHORD	1-12=-2126/1657, 1-2=-2244/1702, 2-3=-2244/1702, 3-5=-2234/1693, 5-6=-2234/1693, 6-7=-2149/1688
BOT CHORD	9-11=-2208/2910, 8-9=-2208/2910
WEBS	1-11=-2225/2934, 2-11=-512/512, 3-11=-916/669, 3-9=-435/873, 3-8=-933/681, 5-8=-510/509, 6-8=-2216/2924

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=18ft; 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, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=1861, 7=1946.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 97 lb down and 75 lb up at 1-0-2, 97 lb down and 75 lb up at 3-0-2, 97 lb down and 75 lb up at 5-0-2, 97 lb down and 75 lb up at 7-0-2, 97 lb down and 75 lb up at 9-0-2, 97 lb down and 75 lb up at 11-0-2, 97 lb down and 75 lb up at 13-0-2, 97 lb down and 75 lb up at 15-0-2, 97 lb down and 75 lb up at 17-0-2, 97 lb down and 75 lb up at 19-0-2, 97 lb down and 75 lb up at 21-0-2, 97 lb down and 75 lb up at 23-0-2, and 97 lb down and 75 lb up at 25-0-2, and 81 lb down and 85 lb up at 27-2-10 on top chord, and 198 lb down and 160 lb up at 1-0-2, 197 lb down and 161 lb up at 3-0-2, 197 lb down and 161 lb up at 5-0-2, 197 lb down and 161 lb up at 7-0-2, 197 lb down and 161 lb up at 9-0-2, 197 lb down and 161 lb up at 11-0-2, 197 lb down and 161 lb up at 13-0-2, 197 lb down and 161 lb up at 15-0-2, 197 lb down and 161 lb up at 17-0-2, 197 lb down and 161 lb up at 19-0-2, 197 lb down and 161 lb up at 21-0-2, 197 lb down and 161 lb up at 23-0-2, and 197 lb down and 161 lb up at 25-0-2, and 205 lb down and 153 lb up at 27-2-10 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.



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LOAD CASE(S) Standard

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LOAD CASE(S) Standard

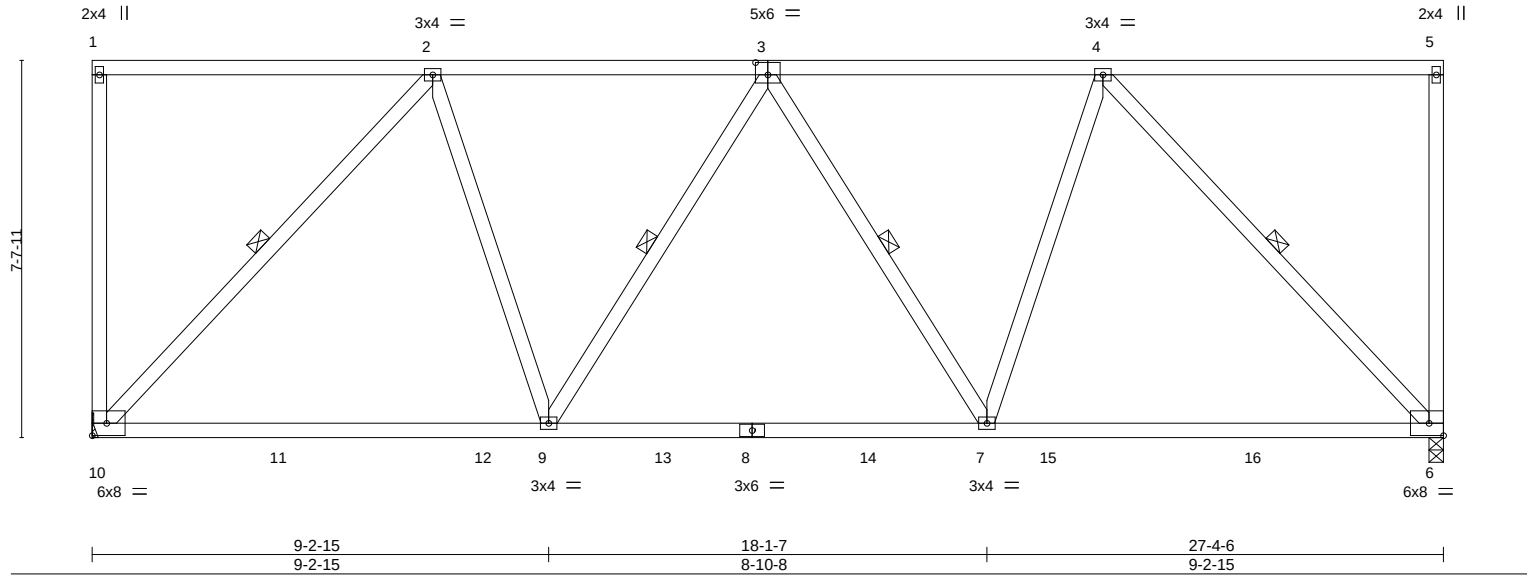
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-6=-54, 7-12=-20
   Concentrated Loads (lb)
   Vert: 6=-52(F) 7=-189(F) 11=-181(F) 2=-31(F) 13=-35(F) 14=-31(F) 15=-31(F) 16=-31(F) 17=-31(F) 18=-31(F) 19=-31(F) 20=-31(F) 21=-31(F) 22=-31(F) 23=-31(F) 24=-31(F) 25=-182(F) 27=-181(F) 28=-181(F) 29=-181(F) 30=-181(F) 31=-181(F) 32=-181(F) 34=-181(F) 35=-181(F) 36=-181(F) 37=-181(F) 38=-181(F)

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450572
2449138	T06	Flat	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:01 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-mIiFaY6Ro?LrcGmTEwb1slJ9rpXzx19MtMhUgLyYSfC

6-10-12 | 13-8-3 | 20-5-10 | 27-4-6
6-10-12 | 6-9-7 | 6-9-7 | 6-10-12

Scale = 1:46.7



9-2-15 | 18-1-7 | 27-4-6
9-2-15 | 8-10-8 | 9-2-15

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.48	Vert(LL)	-0.22	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.87	Vert(CT)	-0.42	6-7	>782	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 178 lb	FT = 20%

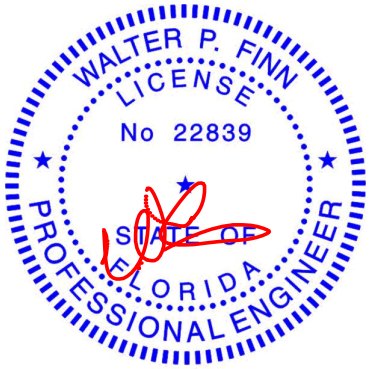
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-7-8 oc bracing.
WEBS 1 Row at midpt 2-10, 3-9, 3-7, 4-6

REACTIONS. (size) 10=Mechanical, 6=0-3-8
Max Uplift 10=-464(LC 8), 6=-464(LC 8)
Max Grav 10=1053(LC 2), 6=1053(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-920/382, 3-4=-920/382
BOT CHORD 9-10=-358/765, 7-9=-462/1006, 6-7=-358/765
WEBS 2-10=-1104/523, 2-9=-78/511, 4-7=-78/511, 4-6=-1104/523

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=464, 6=464.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES.
2449138	T07	Roof Special	1	1	T21450573 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:02 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-FVGenu63ZITiDQLgod6GPzsIbDtcgNtV60Q1CoyYSfB

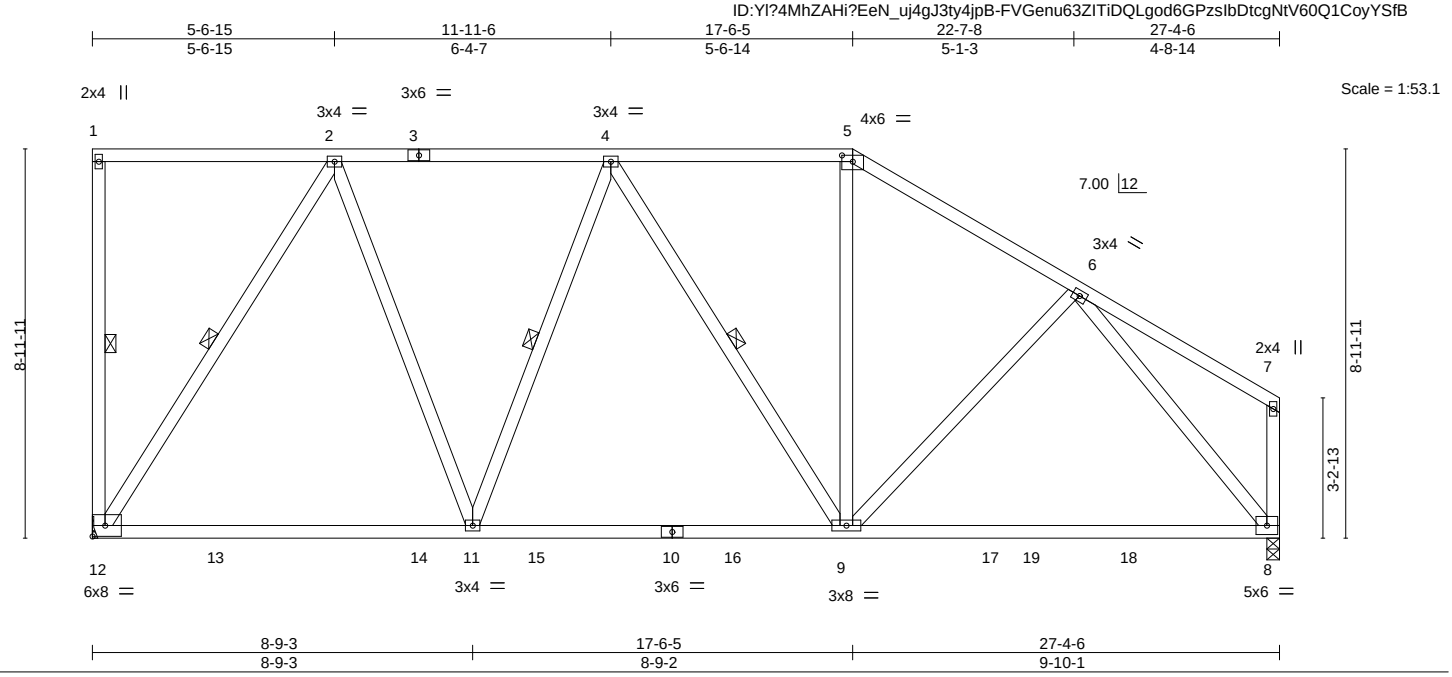


Plate Offsets (X,Y)-- [5:0-3-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	-0.24	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.49	8-9	>662	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 190 lb	FT = 20%

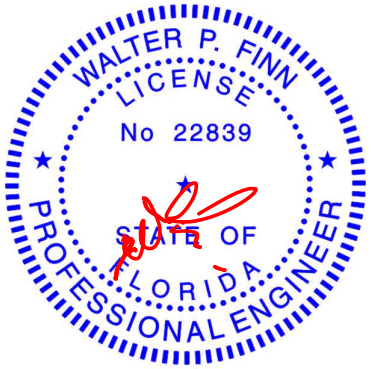
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-8-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-12, 2-12, 4-11, 4-9

REACTIONS. (size) 12=Mechanical, 8=0-3-8
Max Horz 12=-276(LC 13)
Max Uplift 12=-461(LC 8), 8=-287(LC 13)
Max Grav 12=1069(LC 2), 8=1026(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-756/361, 4-5=-792/444, 5-6=-976/451
BOT CHORD 11-12=-211/583, 9-11=-263/833, 8-9=-259/678
WEBS 2-12=-1007/544, 2-11=-205/609, 4-11=-298/263, 5-9=-33/261, 6-9=-124/257, 6-8=-1009/413

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=461, 8=287.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450574
2449138	T08	Hip	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:03 2020 Page 1
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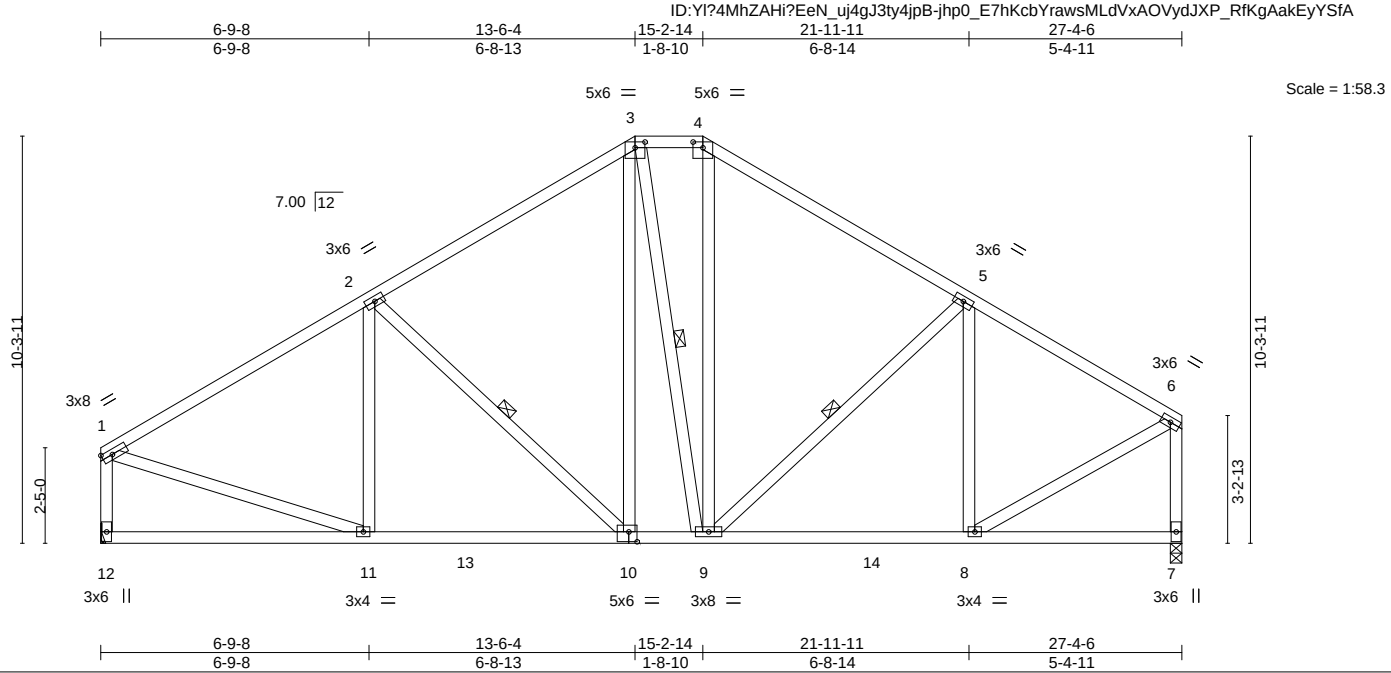


Plate Offsets (X,Y)-- [3:0-3-0,0-1-12], [4:0-3-0,0-1-12], [10:0-2-8,0-3-0]

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	0.50	Vert(LL)	-0.05	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.11	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 200 lb	FT = 20%

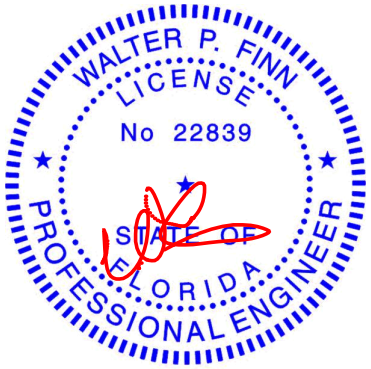
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-0-4 oc bracing.
WEBS 1 Row at midpt 2-10, 3-9, 5-9

REACTIONS. (size) 12=Mechanical, 7=0-3-8
Max Horz 12=241(LC 9)
Max Uplift 12=-352(LC 12), 7=-342(LC 13)
Max Grav 12=1002(LC 1), 7=1002(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1100/488, 2-3=-916/520, 3-4=-820/510, 4-5=-902/511, 5-6=-916/421, 1-12=-942/442, 6-7=-958/444
BOT CHORD 11-12=-255/272, 10-11=-428/1017, 9-10=-209/728, 8-9=-300/745
WEBS 2-10=-386/294, 3-10=-173/343, 4-9=-140/283, 5-8=-288/209, 1-11=-315/873, 6-8=-333/838

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=352, 7=342.



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September 30,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450575
2449138	T09	Common	2	1	Job Reference (optional)

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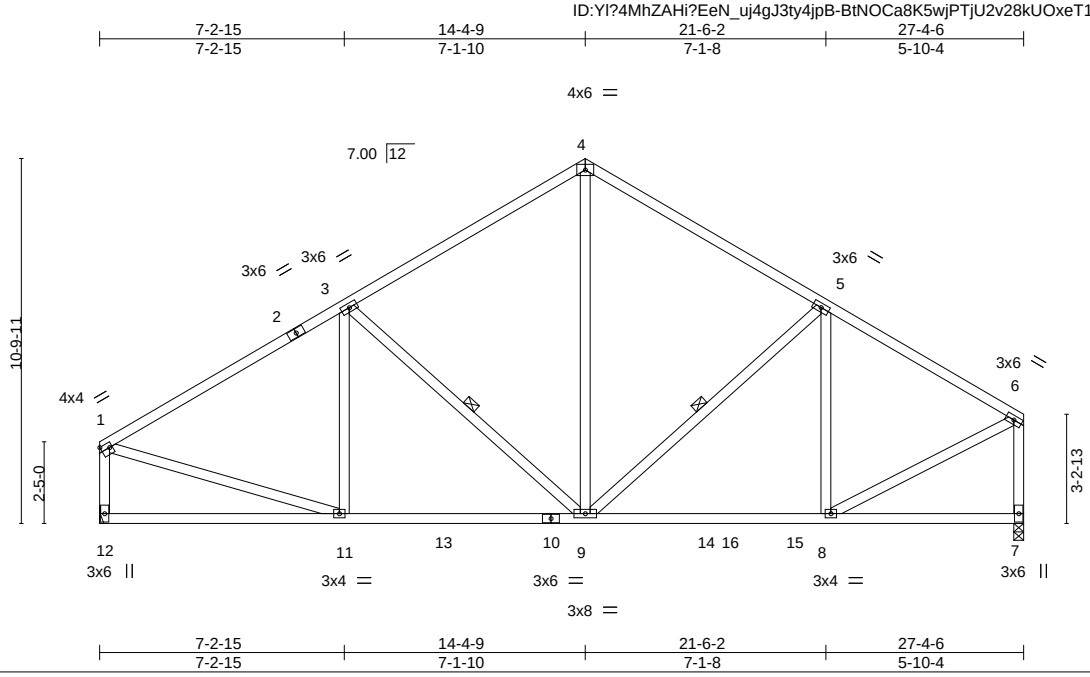


Plate Offsets (X,Y)-- [1:Edge,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	-0.07	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.14	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 175 lb	FT = 20%

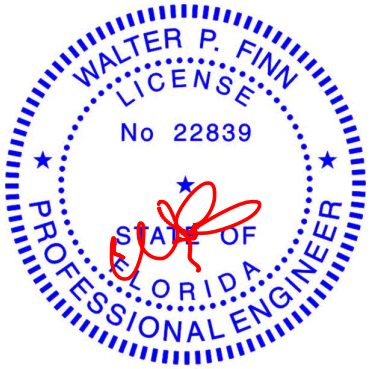
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 8-10-14 oc bracing: 9-11.
WEBS 1 Row at midpt 3-9, 5-9

REACTIONS. (size) 12=Mechanical, 7=0-3-8
Max Horz 12=256(LC 9)
Max Uplift 12=-357(LC 12), 7=-348(LC 13)
Max Grav 12=1011(LC 19), 7=1003(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-1113/489, 3-4=-917/506, 4-5=-913/503, 5-6=-942/430, 1-12=-951/440, 6-7=-961/442
BOT CHORD 11-12=-271/294, 9-11=-439/1066, 8-9=-300/763
WEBS 3-9=-431/323, 4-9=-255/560, 5-9=-259/250, 5-8=-254/195, 1-11=-300/875, 6-8=-324/846

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=357, 7=348.



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September 30,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES.
2449138	T10	Roof Special	1	1	T21450576 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:05 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-f4xmPw9ysDrG4t3FTmfz0bUqzR?ettTxo_fhp6yYSf8

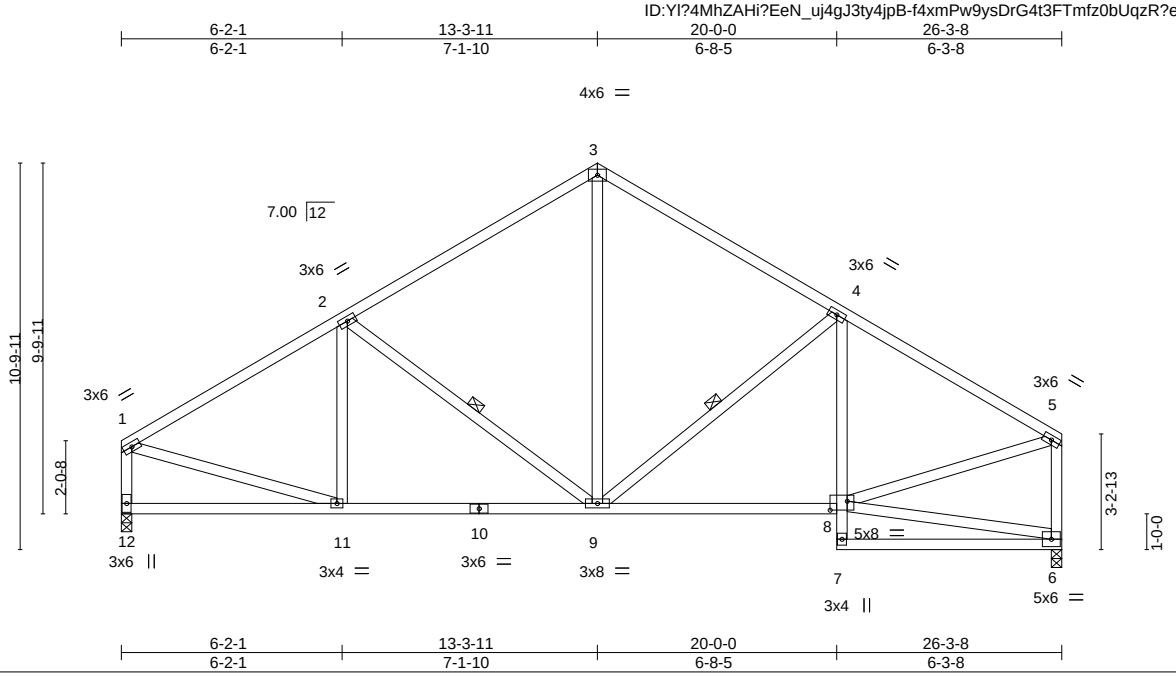


Plate Offsets (X,Y)-- [8:0-5-12,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.53	Vert(LL)	-0.06	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.14	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 173 lb	FT = 20%

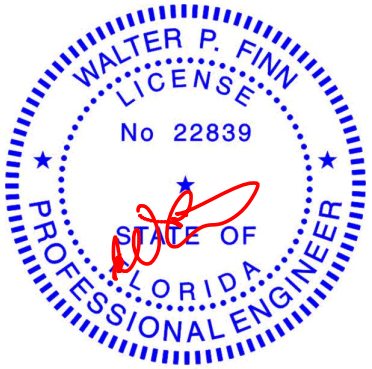
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-7: 2x4 SP No.3
WEBS 2x4 SP No.3

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

REACTIONS. (size) 12=0-3-8, 6=0-3-8
Max Horz 12=238(LC 9)
Max Uplift 12=-343(LC 12), 6=-341(LC 13)
Max Grav 12=962(LC 1), 6=962(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1102/487, 2-3=-918/492, 3-4=-920/495, 4-5=-1065/480, 1-12=-908/422, 5-6=-903/429
BOT CHORD 11-12=-248/272, 9-11=-427/973, 8-9=-339/869
WEBS 2-9=-363/301, 3-9=-247/568, 4-9=-332/293, 1-11=-327/880, 5-8=-336/872

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=343, 6=341.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450577
2449138	T11	Common	3	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:06 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-7GV8dF9adXz7i1eR1TACZp0_MqJycIN51eOFLZyYSf7

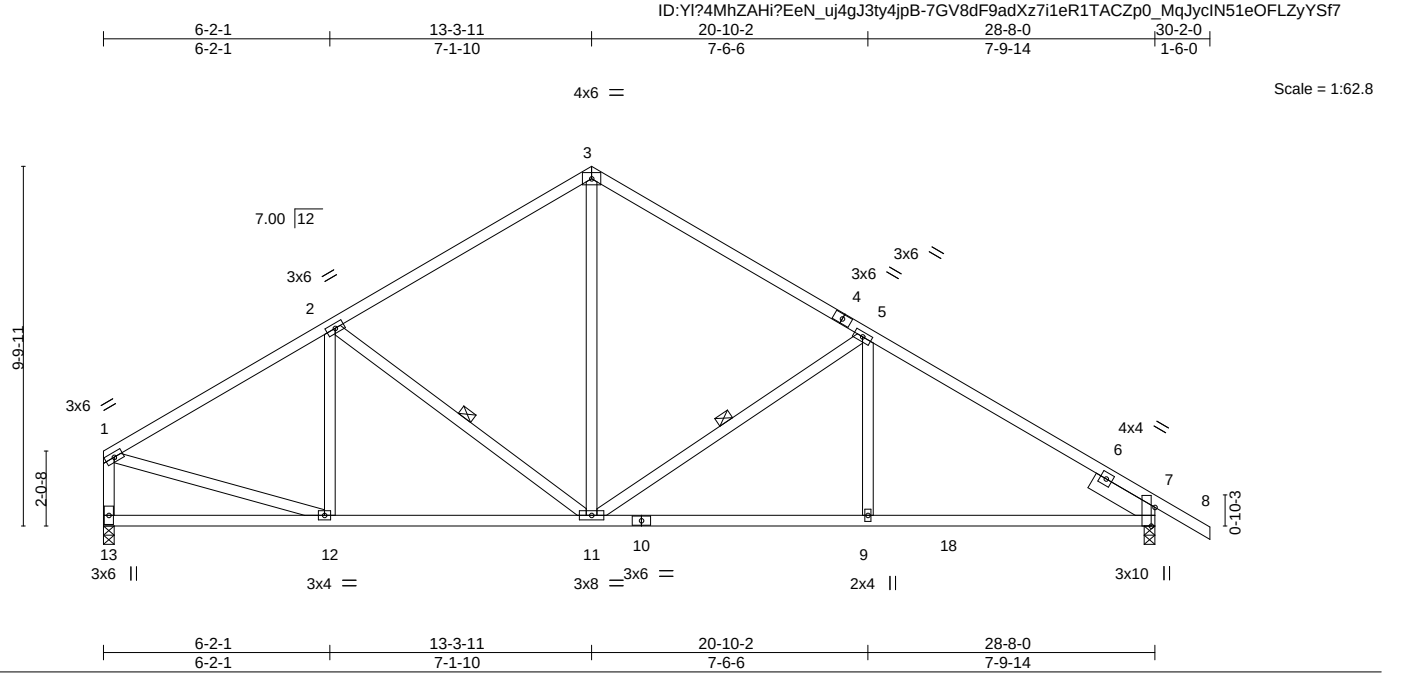


Plate Offsets (X,Y)-- [7:0-6-2,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.08	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.18	9-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 165 lb	FT = 20%

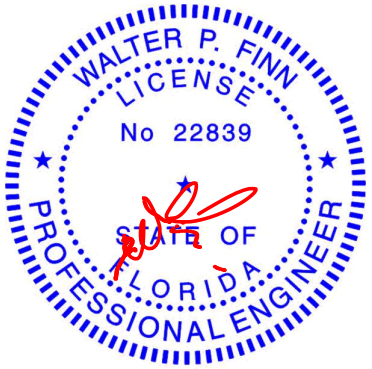
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Right 2x6 SP No.2 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-1-1 oc bracing.
WEBS 1 Row at midpt 2-11, 5-11

REACTIONS. (size) 13=0-3-8, 7=0-3-8
Max Horz 13=-293(LC 8)
Max Uplift 13=-371(LC 12), 7=-441(LC 13)
Max Grav 13=1053(LC 1), 7=1138(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1220/541, 2-3=-1069/559, 3-5=-1067/555, 5-7=-1501/661, 1-13=-998/464
BOT CHORD 12-13=-253/311, 11-12=-399/1104, 9-11=-414/1223, 7-9=-414/1223
WEBS 2-11=-328/290, 3-11=-296/696, 5-11=-641/412, 5-9=0/284, 1-12=-374/984

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=371, 7=441.



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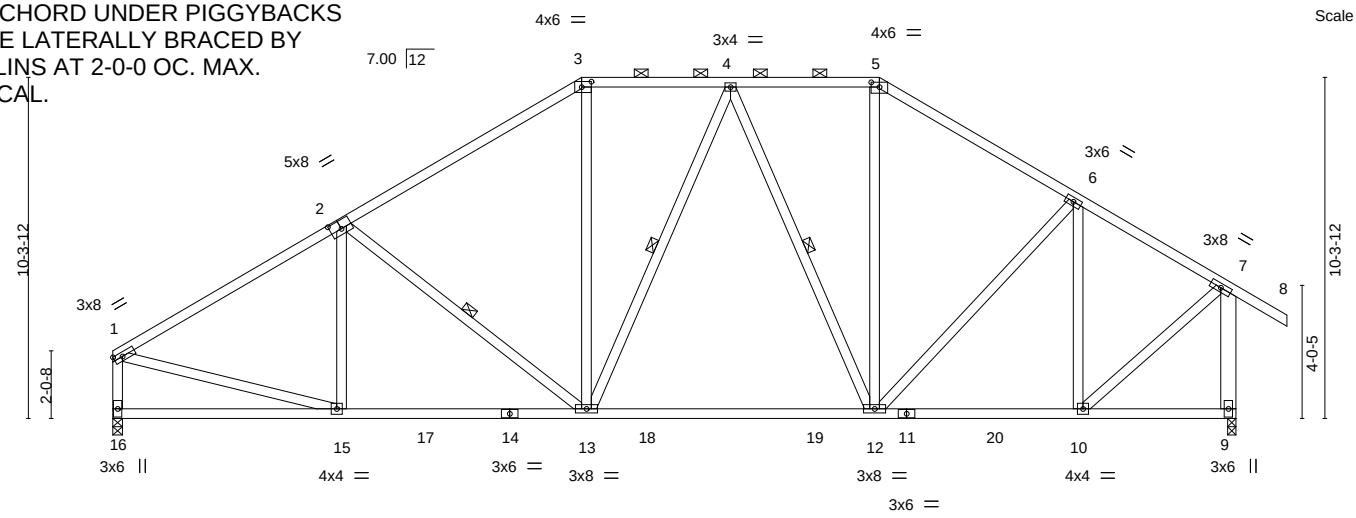
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450578
2449138	T12	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:07 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-bS3XqbACOr5_KBDdbBiR60Z9oEbZLmTEFI8ot?yYSf6

6-11-0	14-2-2	18-8-2	23-2-2	29-2-4	33-11-8	35-6-0
6-11-0	7-3-2	4-6-0	4-6-0	6-0-2	4-9-4	1-6-8

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

Scale = 1:69.7



6-11-0	14-2-2	23-2-2	29-2-4	33-11-8
6-11-0	7-3-2	9-0-1	6-0-2	4-9-4

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.24	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.39	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.04	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 243 lb	FT = 20%

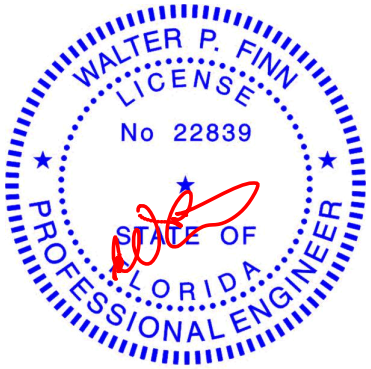
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
7-9: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-15 oc purlins, except end verticals, and 2-0-0 oc purlins (5-6-12 max.): 3-5.
BOT CHORD Rigid ceiling directly applied or 7-8-6 oc bracing.
WEBS 1 Row at midpt 2-13, 4-13, 4-12

REACTIONS. (size) 16=0-3-8, 9=0-3-0
Max Horz 16=361(LC 11)
Max Uplift 16=-427(LC 12), 9=-447(LC 13)
Max Grav 16=1240(LC 1), 9=1341(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1497/685, 2-3=-1308/708, 3-4=-1067/687, 4-5=-965/639, 5-6=-1160/664, 6-7=-948/518, 1-16=-1177/564, 7-9=-1299/676
BOT CHORD 15-16=-341/343, 13-15=-589/1379, 12-13=-404/1041, 10-12=-343/781
WEBS 2-13=-385/311, 3-13=-130/375, 4-13=-130/259, 4-12=-361/263, 5-12=-131/352, 6-12=-181/287, 6-10=-549/302, 1-15=-479/1203, 7-10=-416/1017

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=427, 9=447.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450579
2449138	T12G	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 11:20:09 2020 Page 1
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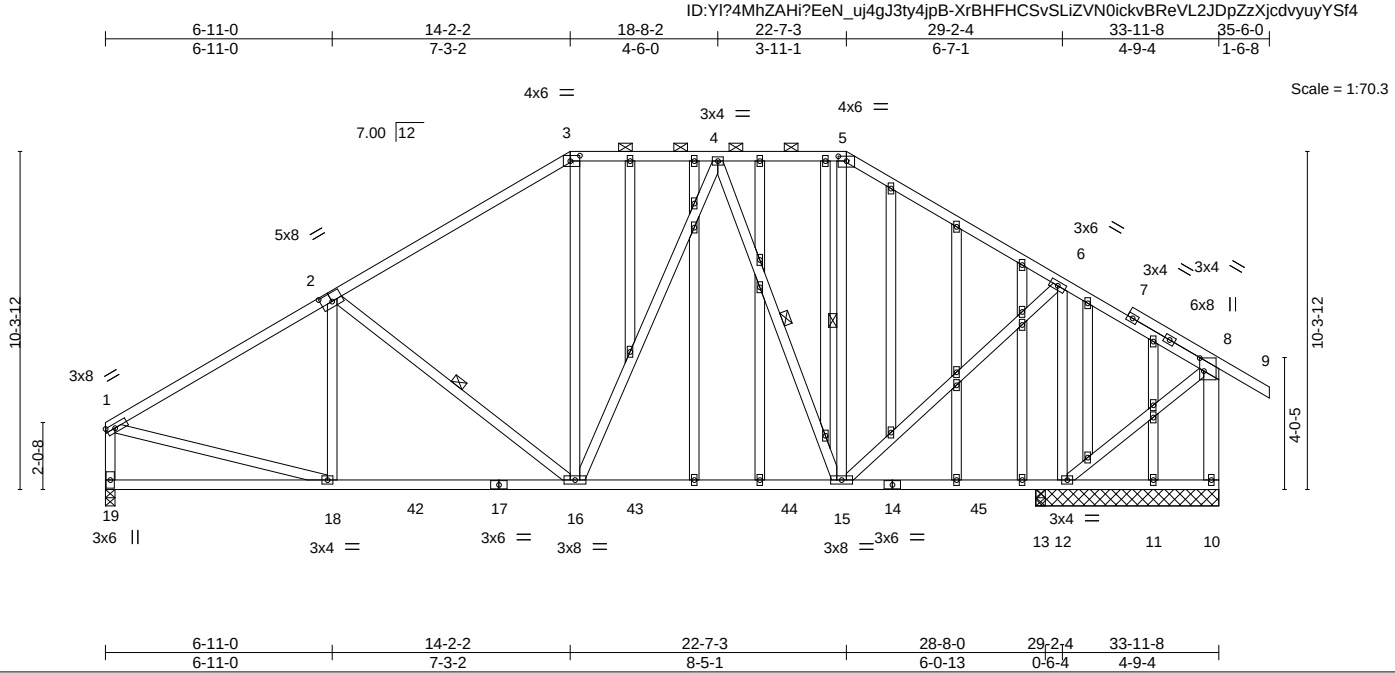


Plate Offsets (X,Y)-- [2:0-4-0,0-3-0], [3:0-3-8,0-2-0], [5:0-3-0,0-1-12], [8:0-4-12,0-1-8]

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	0.57	Vert(LL)	-0.19	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.29	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.02	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 343 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-6-15 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-5.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 2-16, 4-15, 5-15

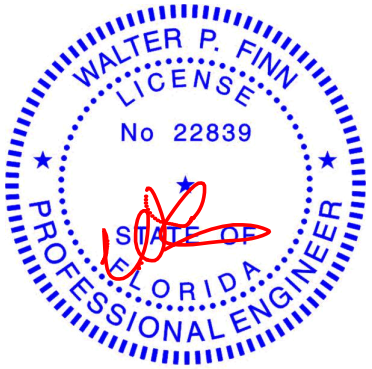
REACTIONS. All bearings 5-7-0 except (jt=length) 19=0-3-8, 13=0-3-8.
(lb) - Max Horz 19=357(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) except 19=-372(LC 12), 12=-499(LC 13), 10=-106(LC 25)
Max Grav All reactions 250 lb or less at joint(s) 10, 11, 13 except 19=1046(LC 1), 12=1252(LC 2)

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

TOP CHORD	1-2=-1233/563, 2-3=-987/564, 3-4=-823/561, 4-5=-602/453, 5-6=-684/443, 1-19=-983/475
BOT CHORD	18-19=-338/339, 16-18=-478/1168, 15-16=-301/673
WEBS	2-16=-440/326, 4-16=-159/388, 4-15=-504/286, 6-15=-287/835, 6-12=-1234/654, 1-18=-371/964

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 372 lb uplift at joint 19, 499 lb uplift at joint 12 and 106 lb uplift at joint 10.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450580
2449138	T13	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:10 2020 Page 1
ID:YI?4MhZAHi?EeN_uj4gJ3ty4jpB-01lfTdD4gmTZBeyCGJF8jfBgHShJY7FhxGMSUKyYSf3

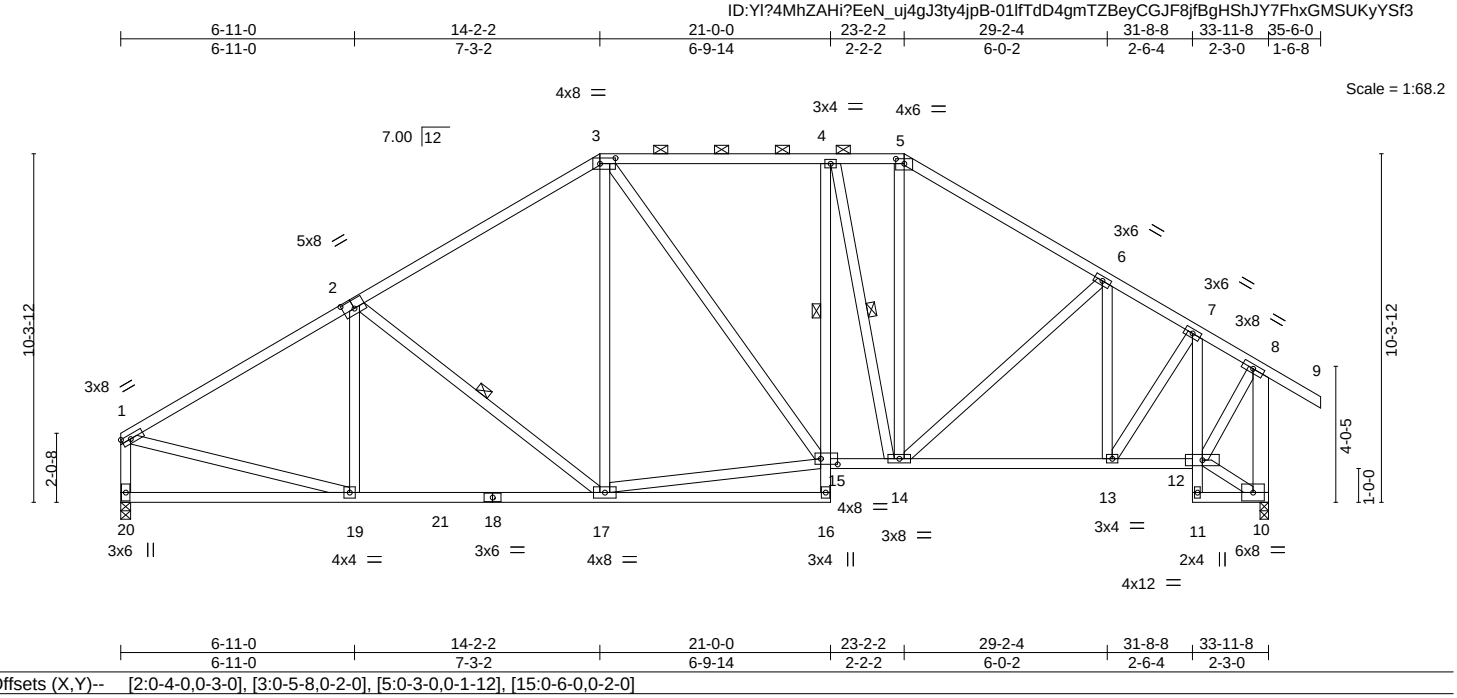


Plate Offsets (X,Y)-- [2:0-4-0,0-3-0], [3:0-5-8,0-2-0], [5:0-3-0,0-1-12], [15:0-6-0,0-2-0]

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	0.56	Vert(LL)	-0.08	17-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.16	17-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.05	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 273 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 4-16,7-11: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 8-10: 2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-1-0 oc purlins, except end verticals, and 2-0-0 oc purlins (4-9-10 max.): 3-5.
BOT CHORD	Rigid ceiling directly applied or 7-8-7 oc bracing. Except: 1 Row at midpt 4-15
WEBS	1 Row at midpt 2-17, 4-14

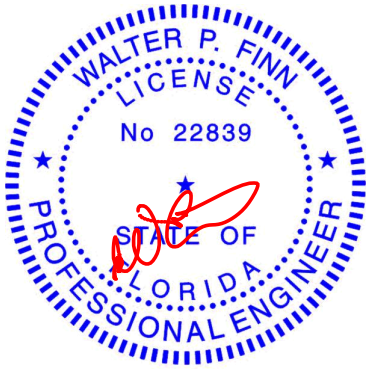
REACTIONS. (size) 20=0-3-8, 10=0-3-0
Max Horz 20=361(LC 11)
Max Uplift 20=-427(LC 12), 10=-447(LC 13)
Max Grav 20=1240(LC 1), 10=1341(LC 1)

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

TOP CHORD	1-2=-1497/684, 2-3=-1305/711, 3-4=-1103/709, 4-5=-1024/659, 5-6=-1255/687, 6-7=-1055/558, 7-8=-664/381, 1-20=-1178/564, 8-10=-1306/680
BOT CHORD	19-20=-342/342, 17-19=-588/1290, 14-15=-426/1100, 13-14=-405/911, 12-13=-246/579, 7-12=-782/325
WEBS	2-17=-417/309, 3-17=-112/302, 15-17=-393/944, 4-14=-465/318, 5-14=-209/448, 7-13=-283/676, 1-19=-477/1197, 8-12=-393/952, 6-13=-459/271

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 427 lb uplift at joint 20 and 447 lb uplift at joint 10.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

September 30,2020

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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES.
2449138	T14	Piggyback Base	1	1	T21450581 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:12 2020 Page 1
ID:YI?4MhZAHi?EeN_uj4gJ3ty4jpB-yQsQtJELCNjHQy6bNkHcp4G3dFID0?KzPZrZZCyYSf1

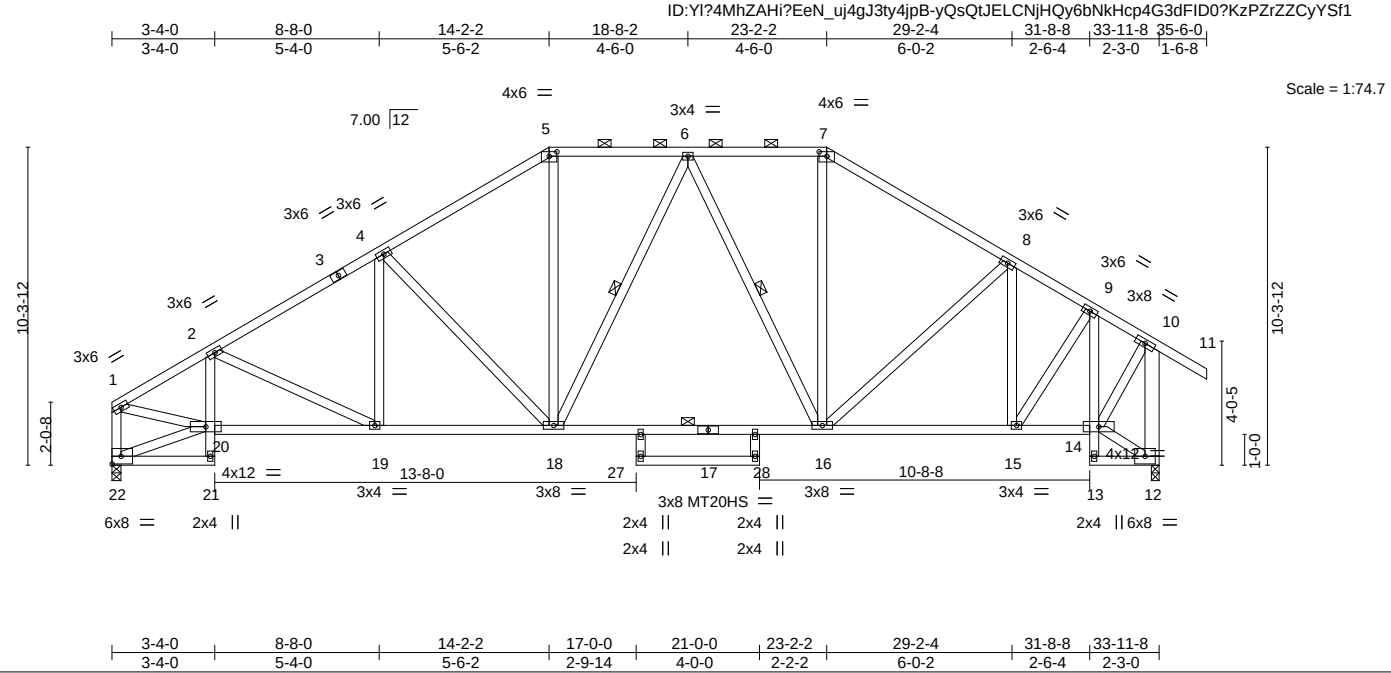


Plate Offsets (X,Y)-- [5:0-3-0,0-1-12], [7:0-3-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.38	Vert(LL)	-0.24	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.40	16-18	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.09	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 266 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 2-21,9-13,23-24: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 10-12: 2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-4-0 oc purlins, except end verticals, and 2-0-0 oc purlins (5-4-8 max.): 5-7.
BOT CHORD	Rigid ceiling directly applied or 7-0-3 oc bracing. Except: 8-9-0 oc bracing: 16-18
WEBS	1 Row at midpt 6-18, 6-16

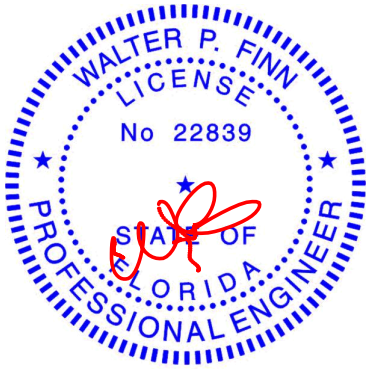
REACTIONS. (size) 12=0-3-0, 22=0-3-8
Max Horz 22=361(LC 11)
Max Uplift 12=-447(LC 13), 22=-427(LC 12)
Max Grav 12=1341(LC 1), 22=1240(LC 1)

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

TOP CHORD	1-2=-1584/740, 2-4=-1685/807, 4-5=-1399/756, 5-6=-1141/711, 6-7=-1028/657, 7-8=-1262/685, 8-9=-1050/560, 9-10=-664/381, 1-22=-1202/571, 10-12=-1308/679
BOT CHORD	2-20=-280/206, 19-20=-720/1533, 18-19=-639/1438, 16-18=-450/1140, 15-16=-406/907, 14-15=-246/580, 9-14=-774/330
WEBS	4-18=-495/339, 5-18=-196/439, 6-18=-137/252, 6-16=-367/270, 7-16=-143/370, 8-16=-171/262, 9-15=-286/668, 1-20=-616/1367, 10-14=-393/954, 8-15=-470/264, 20-22=-350/321

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 447 lb uplift at joint 12 and 427 lb uplift at joint 22.
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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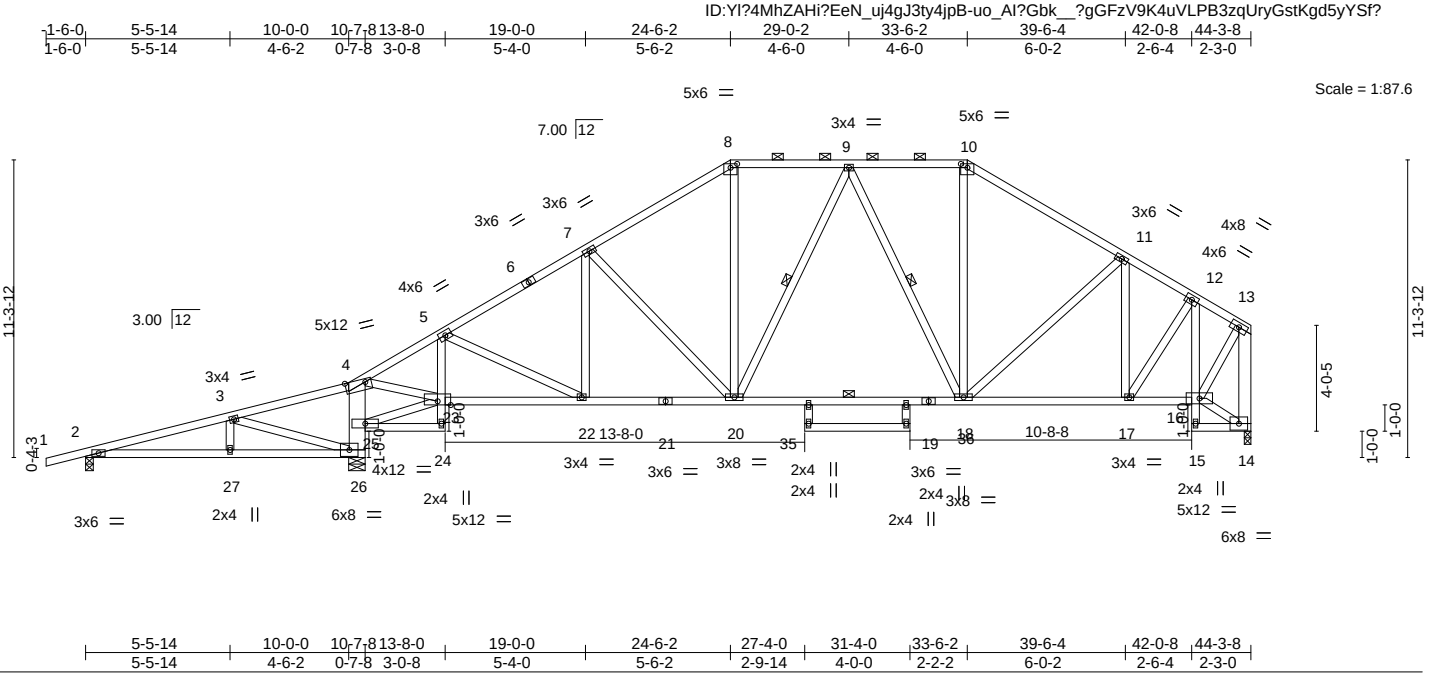
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450582
2449138	T15	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:14 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-uo_AI?Gbk__?gGFzV9K4uVLPB3zqUryGstKgd5yYSf?



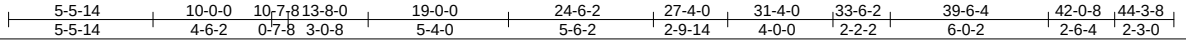


Plate Offsets (X,Y)-- [4:0-9-4,Edge], [8:0-3-0,0-1-12], [10:0-3-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.37	Vert(LL)	-0.24	18-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.40	18-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.07	14	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 311 lb	FT = 20%

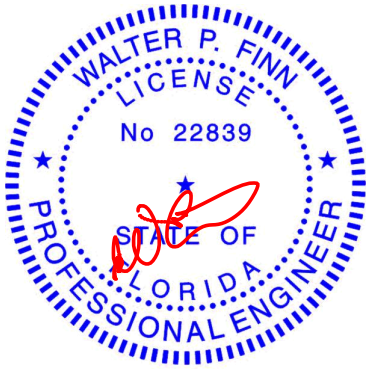
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-26: 2x8 SP 2400F 2.0E, 5-24,12-15,28-29: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
13-14: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-15 oc purlins, except end verticals, and 2-0-0 oc purlins (5-7-3 max.): 8-10.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except: 8-8-0 oc bracing: 18-20
WEBS 1 Row at midpt 9-20, 9-18

REACTIONS. (size) 2=0-3-8, 26=0-7-8, 14=0-3-0
Max Horz 2=420(LC 9)
Max Uplift 2=-398(LC 8), 26=-739(LC 12), 14=-381(LC 13)
Max Grav 2=313(LC 23), 26=1839(LC 1), 14=1198(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-221/669, 3-4=-585/702, 4-5=-1063/326, 5-7=-1467/653, 7-8=-1294/683, 8-9=-1062/648, 9-10=-989/622, 10-11=-1208/644, 11-12=-1023/527, 12-13=-651/341, 13-14=-1170/545
BOT CHORD 2-27=-547/199, 26-27=-547/199, 25-26=-1574/816, 4-25=-1203/627, 5-23=-586/411, 22-23=-402/1113, 20-22=-555/1256, 18-20=-458/1071, 17-18=-436/884, 16-17=-285/535, 12-16=-760/358
WEBS 23-25=-1256/781, 4-23=-1115/2086, 5-22=-195/347, 7-20=-361/269, 8-20=-159/391, 9-18=-320/242, 10-18=-123/348, 12-17=-269/623, 13-16=-435/943, 3-26=-805/938, 11-17=-434/250

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; 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 398 lb uplift at joint 2, 739 lb uplift at joint 26 and 381 lb uplift at joint 14.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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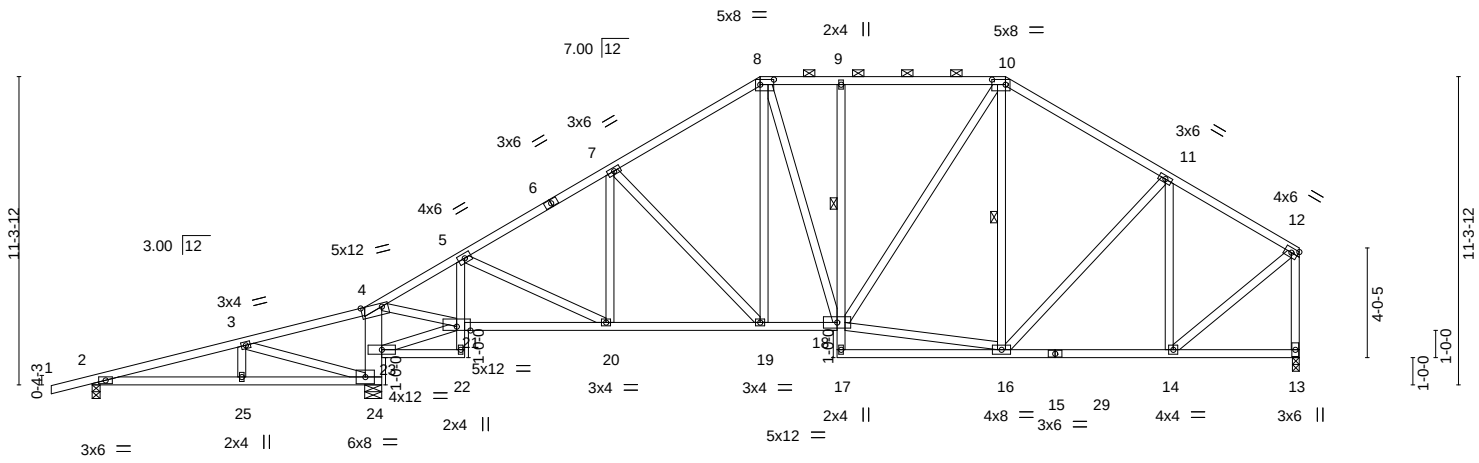
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450583
2449138	T16	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:16 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-qB6wjgHrGcEivZPMcaMYzwRk8smeylPZKBpmh_yYSez

1-6-0 | 5-5-14 | 10-0-0 | 10-7-8 | 13-8-0 | 19-0-0 | 24-6-2 | 27-4-0 | 33-6-2 | 39-6-4 | 44-3-8
1-6-0 | 5-5-14 | 4-6-2 | 0-7-8 | 3-0-8 | 5-4-0 | 5-6-2 | 2-9-14 | 6-2-2 | 6-0-2 | 4-9-4

Scale = 1:84.5



5-5-14 | 10-0-0 | 10-7-8 | 13-8-0 | 19-0-0 | 24-6-2 | 27-4-0 | 33-6-2 | 39-6-4 | 44-3-8
5-5-14 | 4-6-2 | 0-7-8 | 3-0-8 | 5-4-0 | 5-6-2 | 2-9-14 | 6-2-2 | 6-0-2 | 4-9-4

Plate Offsets (X,Y)-- [4:0-9-4,Edge], [8:0-6-0,0-2-4], [10:0-6-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.41	Vert(LL)	-0.06	18-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.13	19-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.05	13	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 314 lb	FT = 20%

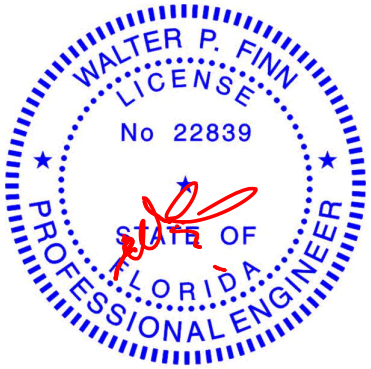
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-24: 2x8 SP 2400F 2.0E, 5-22,9-17: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-13 oc purlins, except end verticals, and 2-0-0 oc purlins (5-0-5 max.): 8-10.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt 9-18
WEBS 1 Row at midpt 10-16

REACTIONS. (size) 2=0-3-8, 13=0-3-0, 24=0-7-8
Max Horz 2=419(LC 9)
Max Uplift 2=-399(LC 8), 13=-383(LC 13), 24=-741(LC 12)
Max Grav 2=312(LC 23), 13=1201(LC 1), 24=1842(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-219/674, 3-4=-583/702, 4-5=-1052/327, 5-7=-1475/653, 7-8=-1292/688, 8-9=-1091/681, 9-10=-1092/683, 10-11=-1101/629, 11-12=-935/483, 12-13=-1162/535
BOT CHORD 2-25=-546/196, 24-25=-546/196, 23-24=-1577/817, 4-23=-1205/628, 5-21=-591/410, 20-21=-400/1063, 19-20=-553/1215, 18-19=-427/1045, 9-18=-291/230, 14-16=-374/766
WEBS 21-23=-1262/783, 4-21=-1115/2090, 5-20=-192/355, 7-19=-375/264, 8-19=-161/369, 8-18=-261/268, 16-18=-355/815, 10-18=-262/457, 11-14=-510/309, 12-14=-425/977, 3-24=-805/938

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; 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 399 lb uplift at joint 2, 383 lb uplift at joint 13 and 741 lb uplift at joint 24.
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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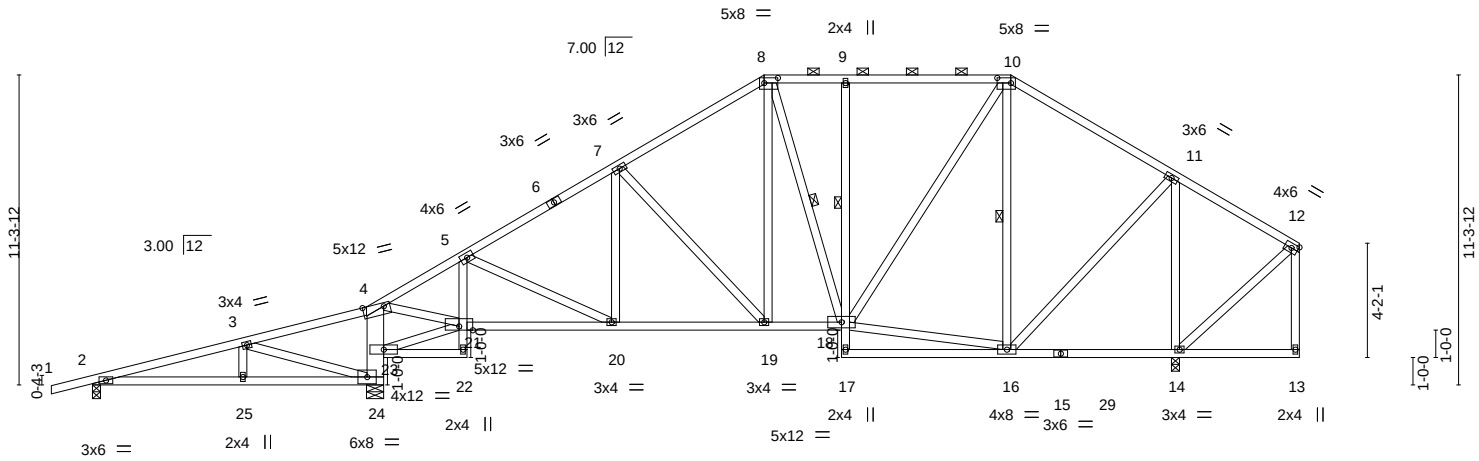
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450584
2449138	T17	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:17 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-INgJx0lT1vMZXj_YAHtnV7zwKG7Qh9zjYrZKDQyYSey

1-6-0 | 5-5-14 | 10-0-0 | 10-7-8 | 13-8-0 | 19-1-1 | 24-6-2 | 27-4-0 | 33-6-2 | 39-6-4 | 44-0-8
1-6-0 | 5-5-14 | 4-6-2 | 0-7-8 | 3-0-8 | 5-5-1 | 5-5-1 | 2-9-14 | 6-2-2 | 6-0-2 | 4-6-4

Scale = 1:84.1



5-5-14 | 10-0-0 | 10-7-8 | 13-8-0 | 19-0-0 | 24-6-2 | 27-4-0 | 33-6-2 | 39-6-4 | 39-8-0 | 44-0-8
5-5-14 | 4-6-2 | 0-7-8 | 3-0-8 | 5-4-0 | 5-6-2 | 2-9-14 | 6-2-2 | 6-0-2 | 0-1-12 | 4-4-8

Plate Offsets (X,Y)-- [4:0-9-4,Edge], [8:0-6-0,0-2-4], [10:0-6-0,0-2-4]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.38	Vert(LL)	0.06	25-28	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.10	19-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.97	Horz(CT)	0.04	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 314 lb	FT = 20%

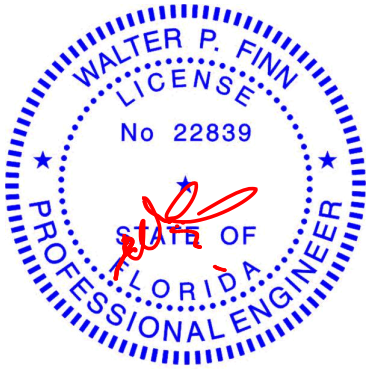
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-24: 2x8 SP 2400F 2.0E, 5-22,9-17: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-6 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 8-10.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt 9-18
WEBS 1 Row at midpt 8-18, 10-16

REACTIONS. (size) 2=0-3-8, 14=0-3-8, 24=0-7-8
Max Horz 2=421(LC 9)
Max Uplift 2=-402(LC 8), 14=-437(LC 13), 24=-688(LC 12)
Max Grav 2=328(LC 23), 14=1378(LC 1), 24=1626(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-280/686, 3-4=-548/632, 4-5=-865/272, 5-7=-1181/503, 7-8=-962/521, 8-9=-773/505, 9-10=-774/507, 10-11=-606/374
BOT CHORD 2-25=-587/255, 24-25=-587/255, 23-24=-1362/708, 4-23=-1036/543, 5-21=-495/363, 20-21=-363/937, 19-20=-429/992, 18-19=-351/761, 9-18=-292/230
WEBS 21-23=-1090/700, 4-21=-956/1765, 7-19=-413/275, 8-19=-171/393, 8-18=-259/103, 16-18=-200/399, 10-18=-280/565, 10-16=-497/282, 11-16=-282/763, 11-14=-1190/646, 3-24=-800/936

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever right exposed ; end vertical right exposed; porch 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 402 lb uplift at joint 2, 437 lb uplift at joint 14 and 688 lb uplift at joint 24.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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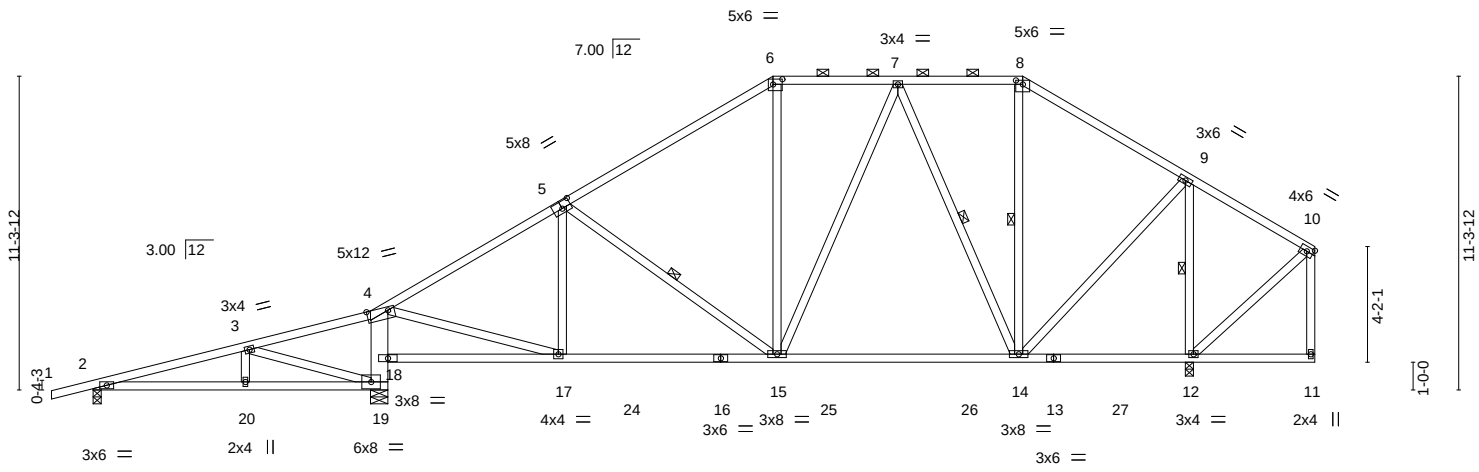
Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450585
2449138	T18	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:19 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-Fmn3LiKkZXcHm18xlivFbY3C74j698U?092RHJyYSew

1-6-0	5-5-14	10-0-0	10-7-8	16-11-0	24-6-2	29-0-2	33-6-2	39-6-4	44-0-8
1-6-0	5-5-14	4-6-2	0-7-8	6-3-8	7-7-2	4-6-0	4-6-0	6-0-2	4-6-4

Scale = 1:83.1



5-5-14	10-0-0	10-7-8	16-11-0	24-6-2	33-6-2	39-6-4	39-8-0	44-0-8
5-5-14	4-6-2	0-7-8	6-3-8	7-7-2	9-0-1	6-0-2	0-1-12	4-4-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.24	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.37	14-15	>953	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.02	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 284 lb	FT = 20%

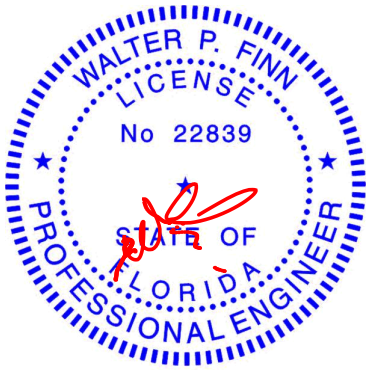
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-19: 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-1 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.
WEBS 1 Row at midpt 5-15, 7-14, 8-14, 9-12

REACTIONS. (size) 2=0-3-8, 12=0-3-8, 19=0-7-8
Max Horz 2=421(LC 9)
Max Uplift 2=-397(LC 8), 12=-445(LC 13), 19=-630(LC 12)
Max Grav 2=433(LC 23), 12=1415(LC 1), 19=1482(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-680/675, 3-4=-345/235, 4-5=-1211/486, 5-6=-992/519, 6-7=-827/526, 7-8=-579/397, 8-9=-656/387
BOT CHORD 2-20=-793/643, 19-20=-793/643, 18-19=-1221/635, 4-18=-1184/673, 17-18=-353/366, 15-17=-467/1159, 14-15=-316/683
WEBS 4-17=-766/1364, 5-15=-420/297, 7-15=-143/383, 7-14=-505/271, 9-14=-296/825, 9-12=-1234/665, 3-19=-773/921

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever right exposed ; end vertical right exposed; porch 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 397 lb uplift at joint 2, 445 lb uplift at joint 12 and 630 lb uplift at joint 19.
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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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 30,2020

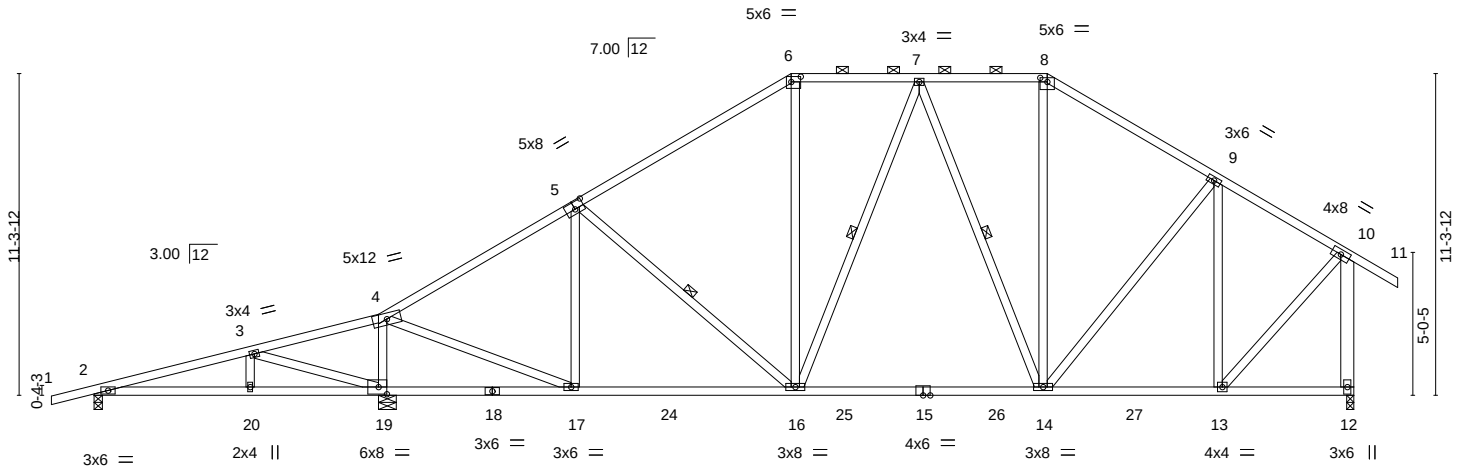
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450586
2449138	T19	PIGGYBACK BASE	2	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:20 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-jyLRZ2KMKqk8OBj7rPQU7mbNjU1juZb9Fpn_qlyYSev

1-6-0	5-5-14	10-0-0	16-11-0	24-6-2	29-0-2	33-6-2	39-6-4	44-3-8	45-10-0
1-6-0	5-5-14	4-6-2	6-11-0	7-7-2	4-6-0	4-6-0	6-0-2	4-9-4	1-6-8

Scale = 1:81.0



5-5-14	10-0-0	10-3-12	16-11-0	24-6-2	33-6-2	39-6-4	44-3-8
5-5-14	4-6-2	0-3-12	6-7-4	7-7-2	9-0-1	6-0-2	4-9-4

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

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	0.63	Vert(LL)	-0.24	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.79	Vert(CT)	-0.37	14-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.03	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 301 lb	FT = 20%

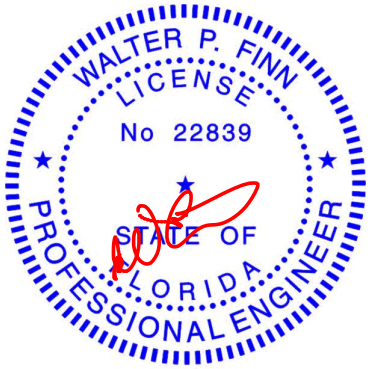
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
10-12: 2x6 SP No.2

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

REACTIONS. (size) 2=0-3-8, 19=0-7-8, 12=0-3-0
Max Horz 2=357(LC 12)
Max Uplift 2=-339(LC 8), 19=-715(LC 12), 12=-441(LC 13)
Max Grav 2=358(LC 23), 19=1761(LC 1), 12=1323(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-383/451, 3-4=-446/391, 4-5=-1209/452, 5-6=-1191/607, 6-7=-962/603, 7-8=-873/573, 8-9=-1062/589, 9-10=-832/421, 10-12=-1284/647
BOT CHORD 2-20=-506/355, 19-20=-506/355, 17-19=-434/401, 16-17=-419/1145, 14-16=-292/941, 13-14=-251/680
WEBS 3-19=-727/901, 4-19=-1429/798, 4-17=-788/1493, 5-17=-376/327, 5-16=-259/218, 6-16=-81/328, 7-16=-138/260, 7-14=-336/236, 8-14=-92/307, 9-14=-161/338, 9-13=-595/301, 10-13=-369/990

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; 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 339 lb uplift at joint 2, 715 lb uplift at joint 19 and 441 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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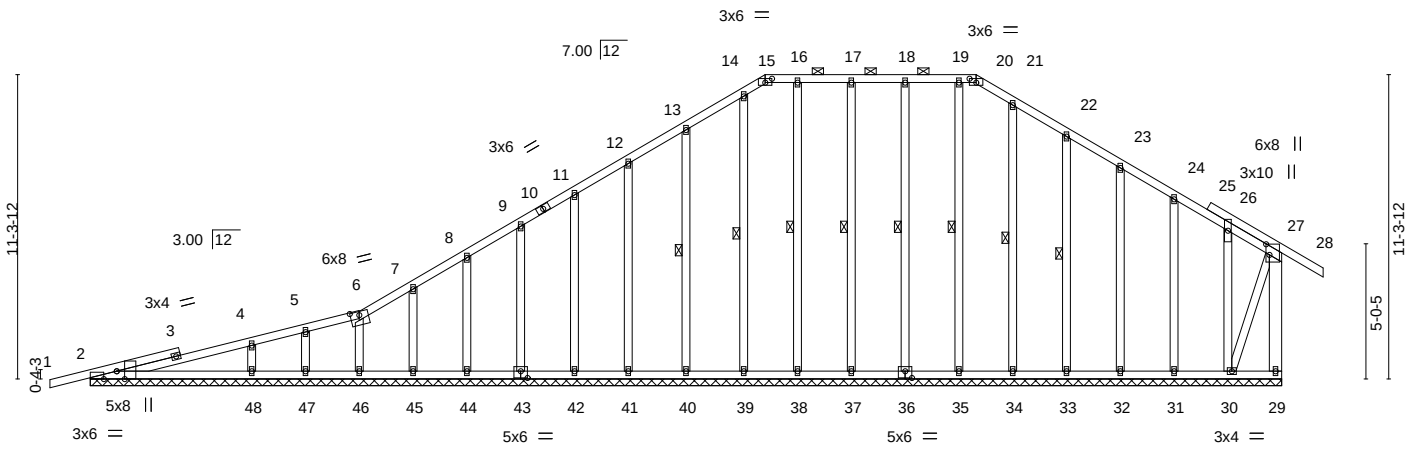
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450587
2449138	T19G	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 11:20:22 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-fLTC_kMcsS_sdUtWzqTyCBhnZHrUMdmSi7G5udyYSet

1-6-0 | 9-11-15 | 25-1-1 | 32-11-3 | 44-3-8 | 45-10-0
1-6-0 | 9-11-15 | 15-1-2 | 7-10-2 | 11-4-5 | 1-6-8

Scale = 1:85.7



44-3-8
44-3-8

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [2:0-5-12,Edge], [6:0-4-0,0-1-9], [15:0-3-0,0-1-12], [20:0-3-0,0-1-12], [27:0-4-12,0-1-8], [36:0-3-0,0-3-0], [43:0-3-0,0-3-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	-0.01	28	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.26	Vert(CT)	-0.02	28	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(CT)	-0.01	29	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 366 lb	FT = 20%

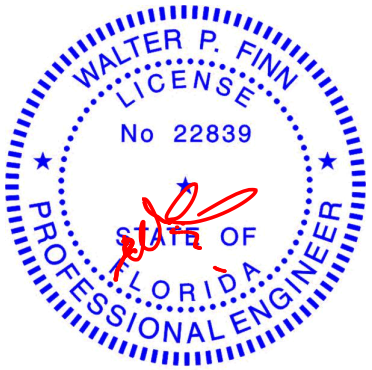
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x6 SP No.2 *Except*
27-30: 2x4 SP No.3
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 15-20.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 13-40, 22-33, 21-34, 19-35, 18-36, 17-37, 16-38, 14-39

REACTIONS. All bearings 44-3-8.
(lb) - Max Horz 2=445(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 32, 34, 35, 36, 37, 38, 39, 47, 46 except 2=-208(LC 8), 29=-112(LC 9), 40=-128(LC 12), 30=-307(LC 13), 31=-104(LC 13), 33=-114(LC 13), 48=-201(LC 8), 45=-104(LC 12), 44=-101(LC 12), 43=-102(LC 12), 42=-101(LC 12), 41=-103(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 29, 40, 31, 32, 33, 34, 35, 36, 37, 38, 39, 47, 46, 45, 44, 43, 42, 41 except 2=278(LC 23), 30=302(LC 11), 48=429(LC 23)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-324/250, 4-5=-288/214, 5-6=-277/221, 6-7=-286/253, 7-8=-256/227, 13-14=-273/323, 14-15=-265/315, 15-16=-263/318, 16-17=-263/318, 17-18=-263/318, 18-19=-263/318, 19-20=-263/318, 20-21=-279/332, 21-22=-257/305
WEBS 4-48=-299/237, 27-30=-243/272

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 32, 34, 35, 36, 37, 38, 39, 47, 46 except (jt=lb) 2=208, 29=112, 40=128, 30=307, 31=104, 33=114, 48=201, 45=104, 44=101, 43=102, 42=101, 41=103.
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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6904 Parke East Blvd. Tampa FL 33610
Date: September 30,2020

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450588
2449138	T20	Piggyback Base	4	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:24 2020 Page 1
ID:Yl?4MhZAHi?EeN_uj4gJ3ty4jpB-bkbyPPNsN3Easo0u4FVQIcm5o5PjqO9kARlCzWyYSer

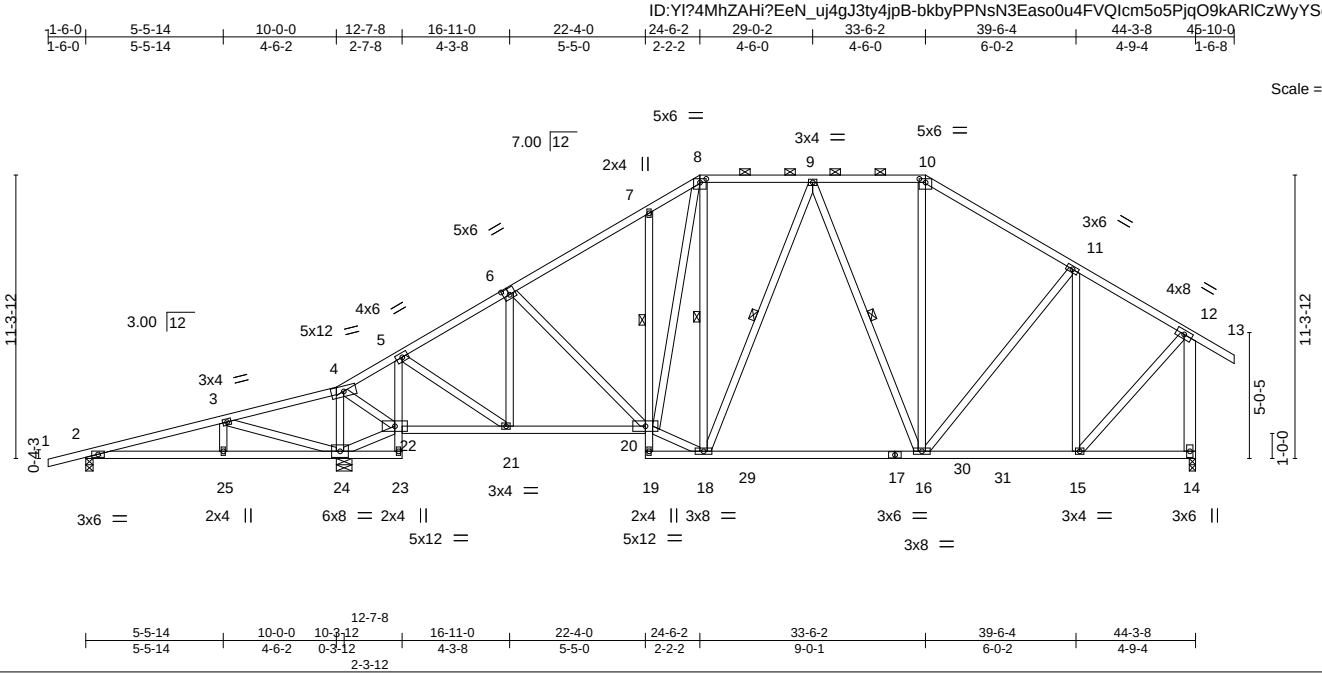


Plate Offsets (X,Y)-- [6:0-3-0,0-3-0], [8:0-3-0,0-1-12], [10:0-3-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.43	Vert(LL)	-0.21	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.79	Vert(CT)	-0.35	16-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.75	Horz(CT)	0.04	14	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 338 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 5-23,7-19: 2x4 SP No.3
WEBS	2x4 SP No.3 *Except* 12-14: 2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-0-13 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 8-10.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing. Except: 1 Row at midpt 7-20
WEBS	1 Row at midpt 8-18, 9-18, 9-16

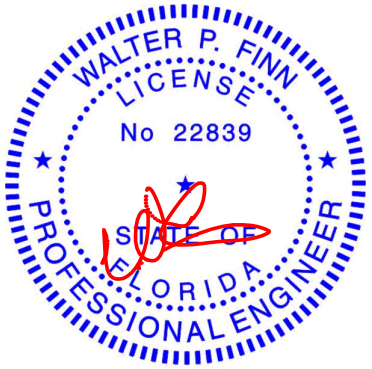
REACTIONS. (size) 2=0-3-8, 24=0-7-8, 14=0-3-0
Max Horz 2=451(LC 11)
Max Uplift 2=-373(LC 8), 24=-760(LC 12), 14=-436(LC 13)
Max Grav 2=252(LC 23), 24=1907(LC 1), 14=1287(LC 1)

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

TOP CHORD	2-3=-138/610, 3-4=-718/894, 4-5=-453/90, 5-6=-1130/477, 6-7=-1198/624, 7-8=-1222/746, 8-9=-931/599, 9-10=-877/589, 10-11=-1001/608, 11-12=-801/465, 12-14=-1246/631
BOT CHORD	2-25=-347/39, 24-25=-347/39, 5-22=-1034/634, 21-22=-168/546, 20-21=-368/1089, 7-20=-286/253, 16-18=-326/869, 15-16=-288/654
WEBS	3-24=-793/923, 4-24=-1195/585, 22-24=-952/659, 4-22=-660/1322, 5-21=-448/828, 18-20=-308/1007, 8-20=-381/715, 9-16=-307/232, 10-16=-107/282, 11-16=-172/289, 11-15=-574/300, 12-15=-366/943, 6-21=-350/285

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical right exposed; 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 100 lb uplift at joint(s) except (jt=lb) 2=373, 24=760, 14=436.
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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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 30,2020

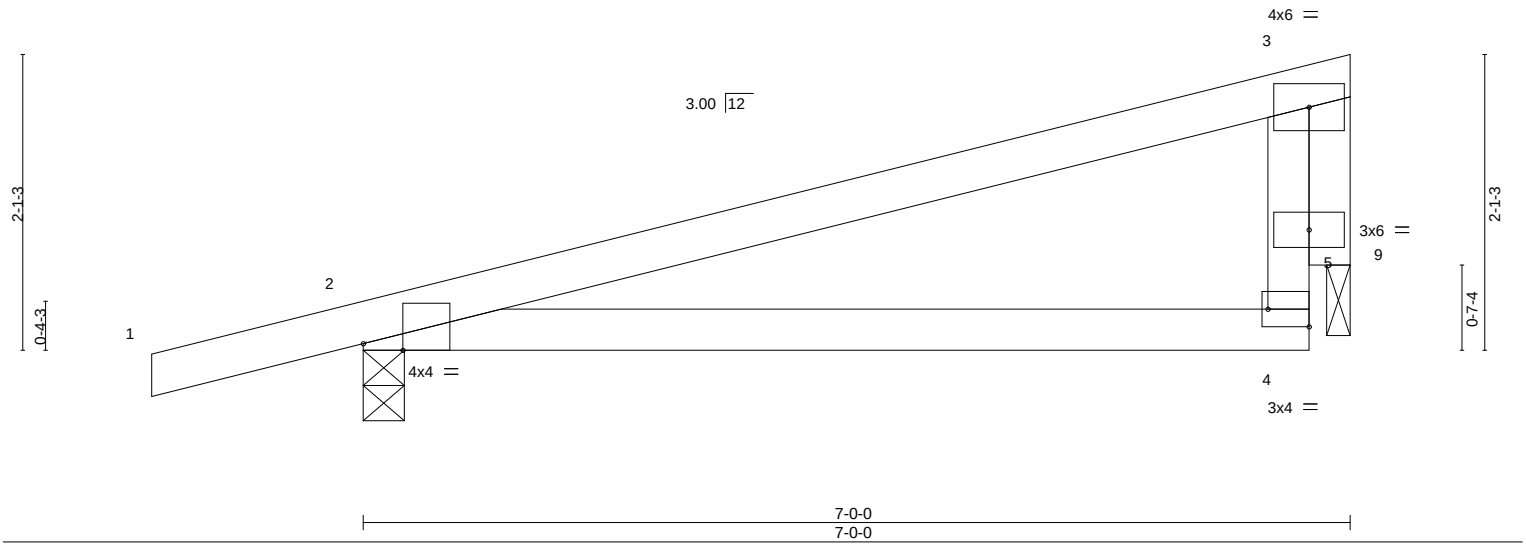
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450589
2449138	T21	MONO TRUSS	16	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:25 2020 Page 1
ID:YI?4MhZAHi?EeN_uj4gJ3ty4jpB-3w9KclOV8NMRUyb5ez0fqpJFhVqtZxWuO5VlVyyYSeq

-1-6-0 7-0-0
1-6-0 7-0-0

Scale = 1:16.3



7-0-0
7-0-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.48	Vert(LL)	0.17	4-8	>499	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	0.14	4-8	>581	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.36	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MR							Weight: 27 lb	FT = 20%

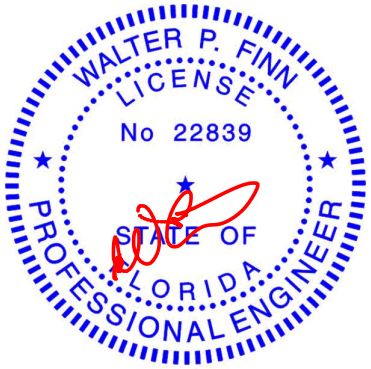
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 9=0-2-0
Max Horz 2=104(LC 8)
Max Uplift 2=-282(LC 8), 9=-179(LC 8)
Max Grav 2=345(LC 1), 9=222(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 2-4=-286/165
WEBS 3-9=-243/412

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=282, 9=179.



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6904 Parke East Blvd. Tampa FL 33610
Date:
September 30,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES.
2449138	T21G	Monopitch Supported Gable	2	1	T21450590 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:25 2020 Page 1
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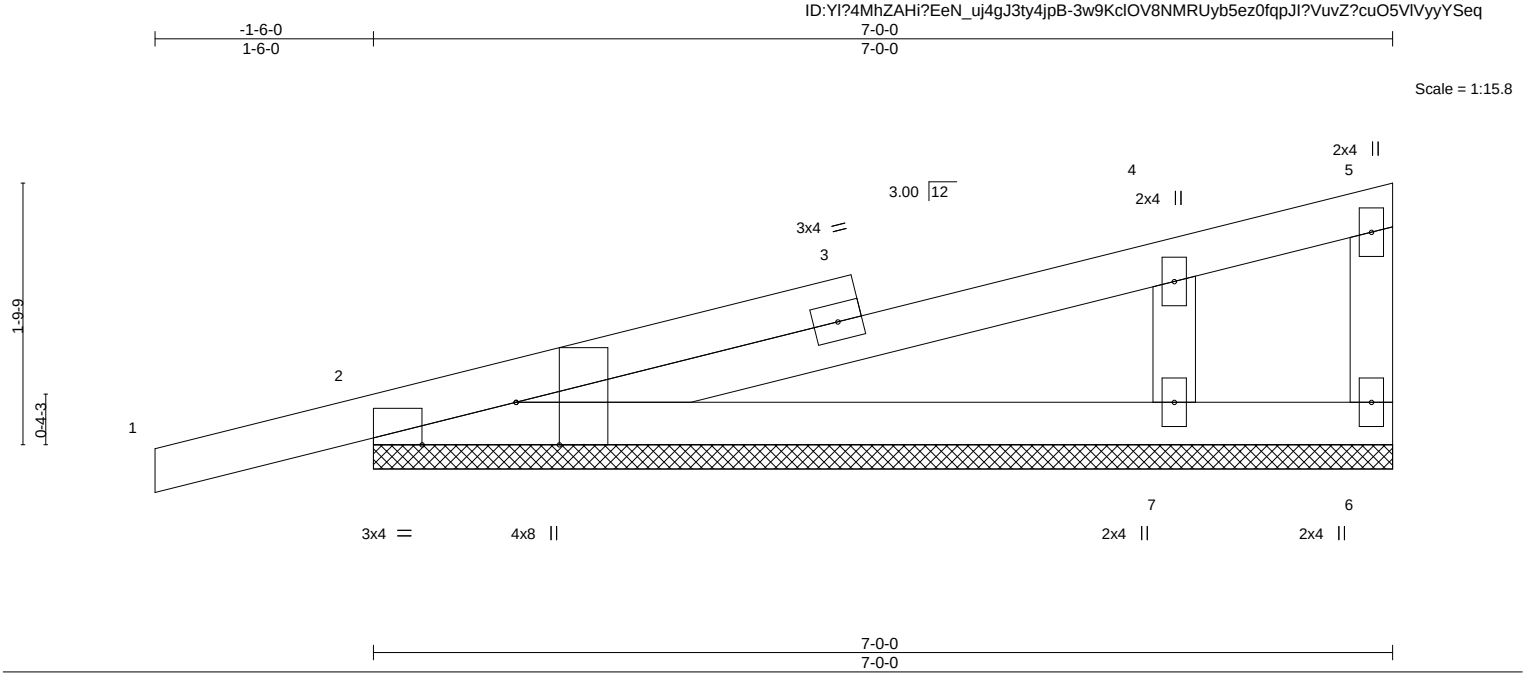


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [2:0-7-12,Edge]

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	0.27	Vert(LL)	-0.00	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.21	Vert(CT)	0.01	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 30 lb	FT = 20%

LUMBER-

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

BRACING-

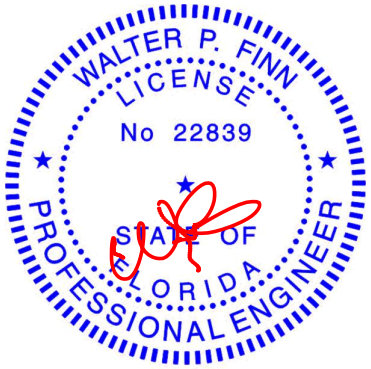
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 2=7-0-0, 6=7-0-0, 7=7-0-0
Max Horz 2=92(LC 8)
Max Uplift 2=-169(LC 8), 6=-88(LC 1), 7=-188(LC 12)
Max Grav 2=262(LC 1), 6=31(LC 12), 7=414(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-7=-284/318

NOTES-

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 2=169, 7=188.



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6904 Parke East Blvd. Tampa FL 33610
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450591
2449138	V01	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 11:20:26 2020 Page 1
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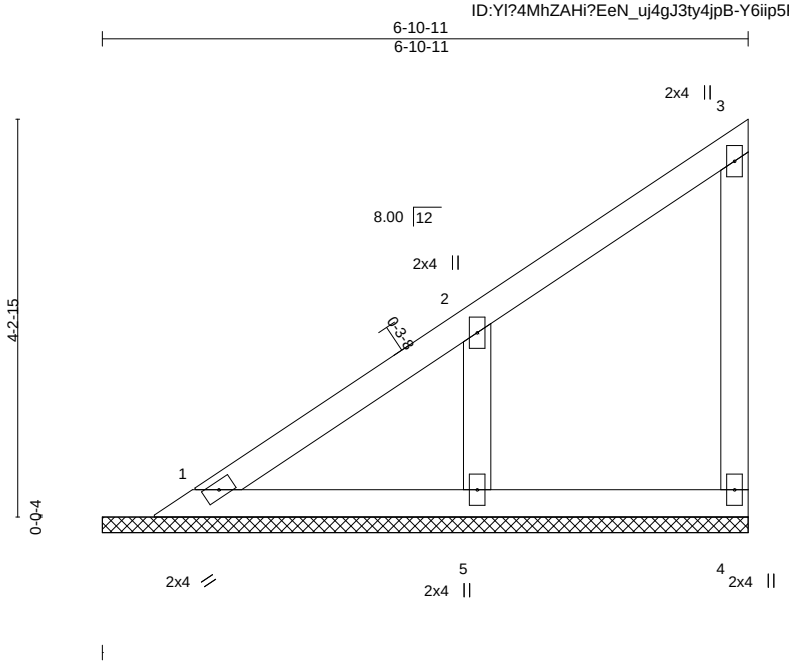


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 28 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-

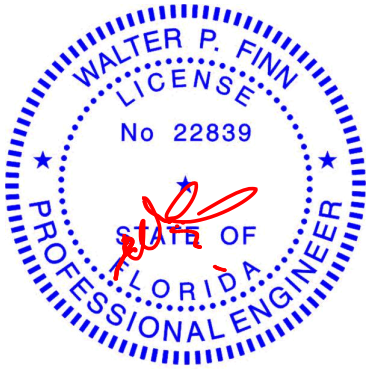
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=6-10-11, 4=6-10-11, 5=6-10-11
Max Horz 1=186(LC 12)
Max Uplift 4=-56(LC 12), 5=-200(LC 12)
Max Grav 1=97(LC 21), 4=83(LC 19), 5=298(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-265/243

NOTES-

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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 100 lb uplift at joint(s) 4 except (jt=lb) 5=200.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450592
2449138	V02	Valley	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:27 2020 Page 1
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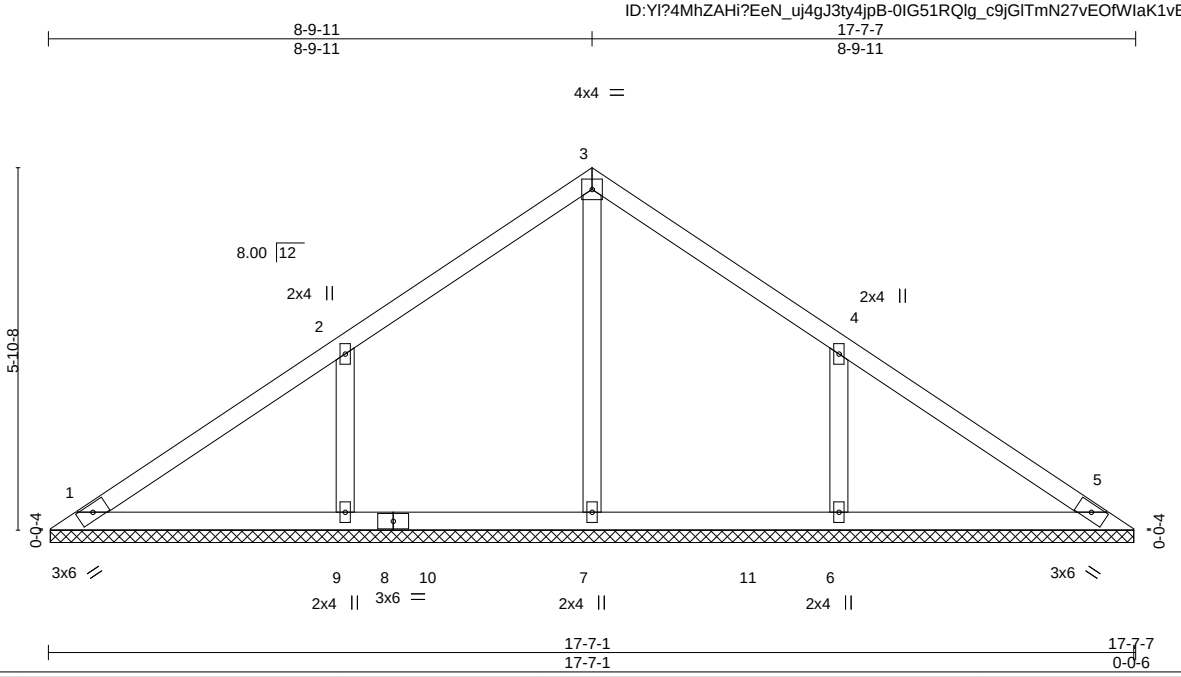


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.21	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.15	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 72 lb	FT = 20%

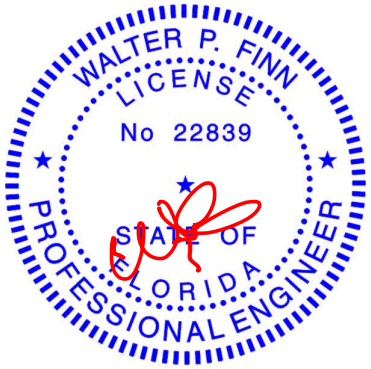
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 17-6-11.
(lb) - Max Horz 1=-173(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 9=-284(LC 12), 6=-283(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=332(LC 19), 9=435(LC 19), 6=435(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-336/300, 4-6=-336/300

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 9=284, 6=283.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES.
2449138	V03	Valley	1	1	T21450593 Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:28 2020 Page 1
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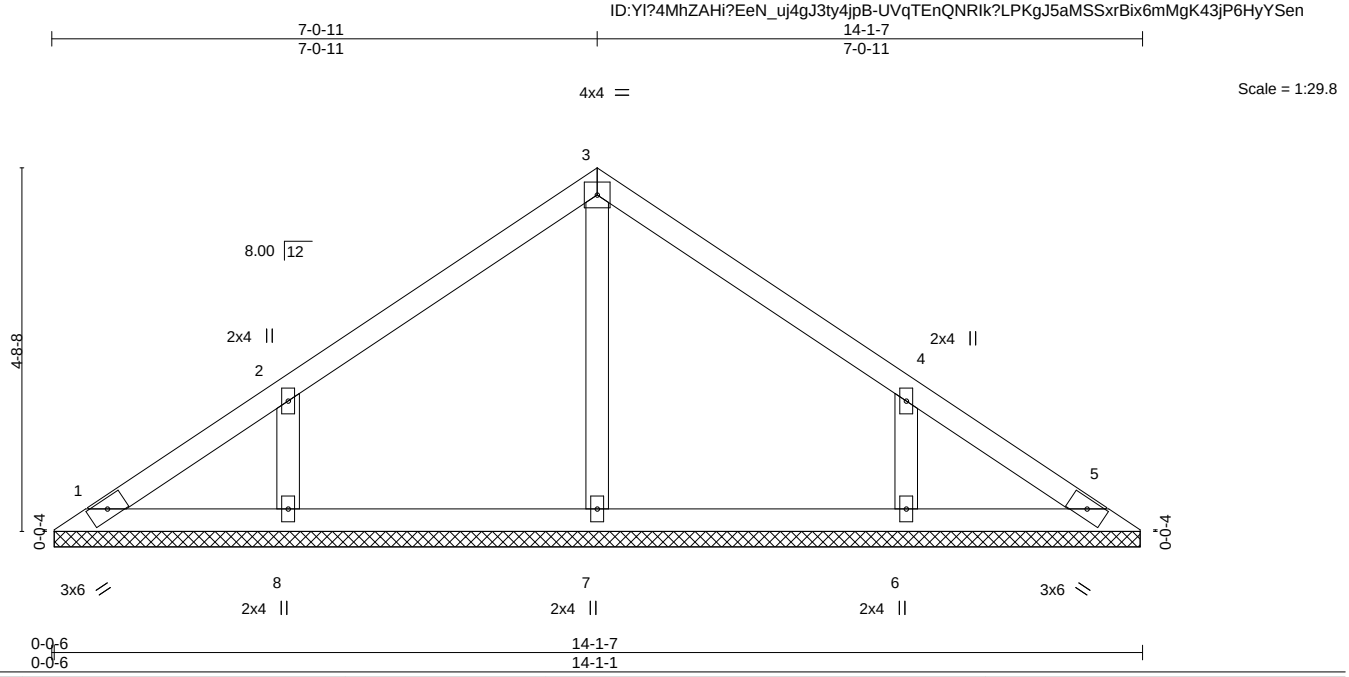


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 55 lb	FT = 20%

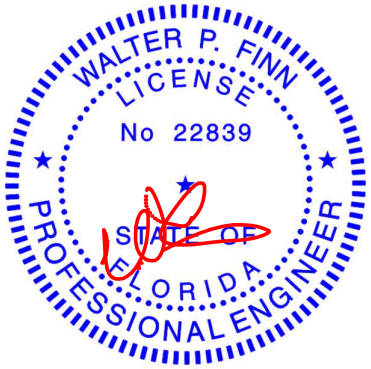
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 14-0-11.
(lb) - Max Horz 1=-137(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 7 except 8=-226(LC 12), 6=-226(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=326(LC 19), 6=326(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-273/245, 4-6=-273/245

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 7 except (jt=lb) 8=226, 6=226.



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES.
2449138	V04	Valley	1	1	T21450594
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:29 2020 Page 1
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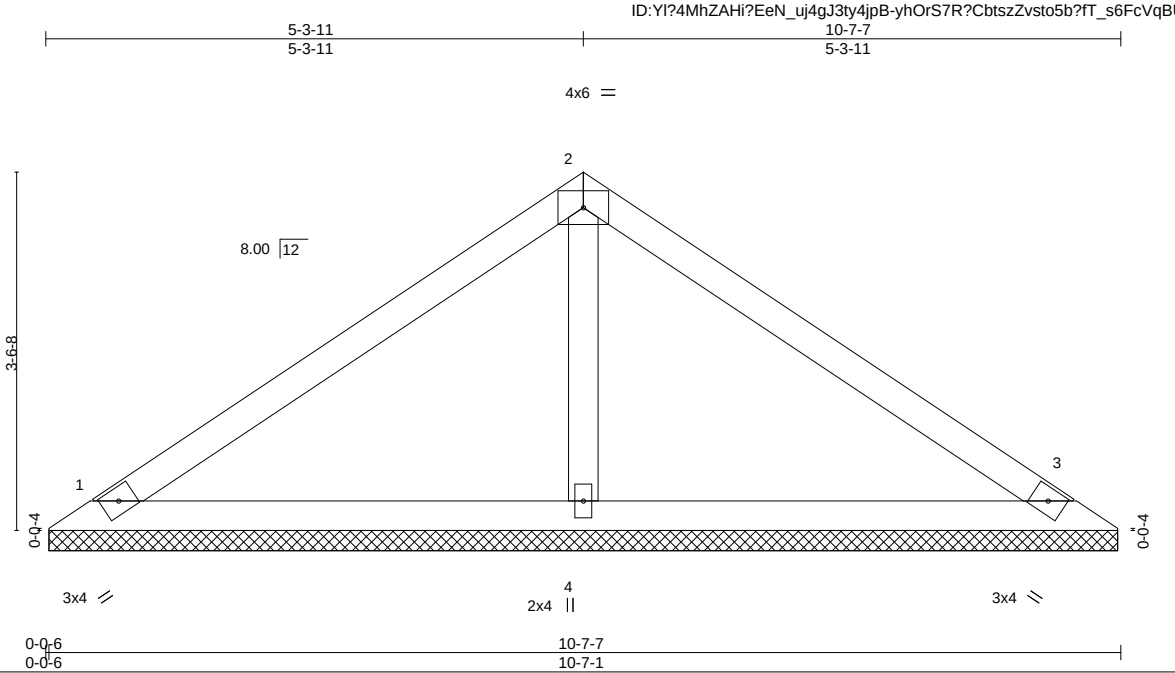


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 37 lb	FT = 20%

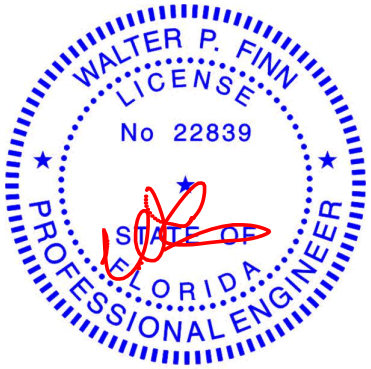
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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) 1=10-6-11, 3=10-6-11, 4=10-6-11
Max Horz 1=-100(LC 8)
Max Uplift 1=-79(LC 12), 3=-92(LC 13), 4=-100(LC 12)
Max Grav 1=175(LC 1), 3=176(LC 20), 4=365(LC 1)

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

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



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES. T21450595
2449138	V05	Valley	1	1	Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:29 2020 Page 1
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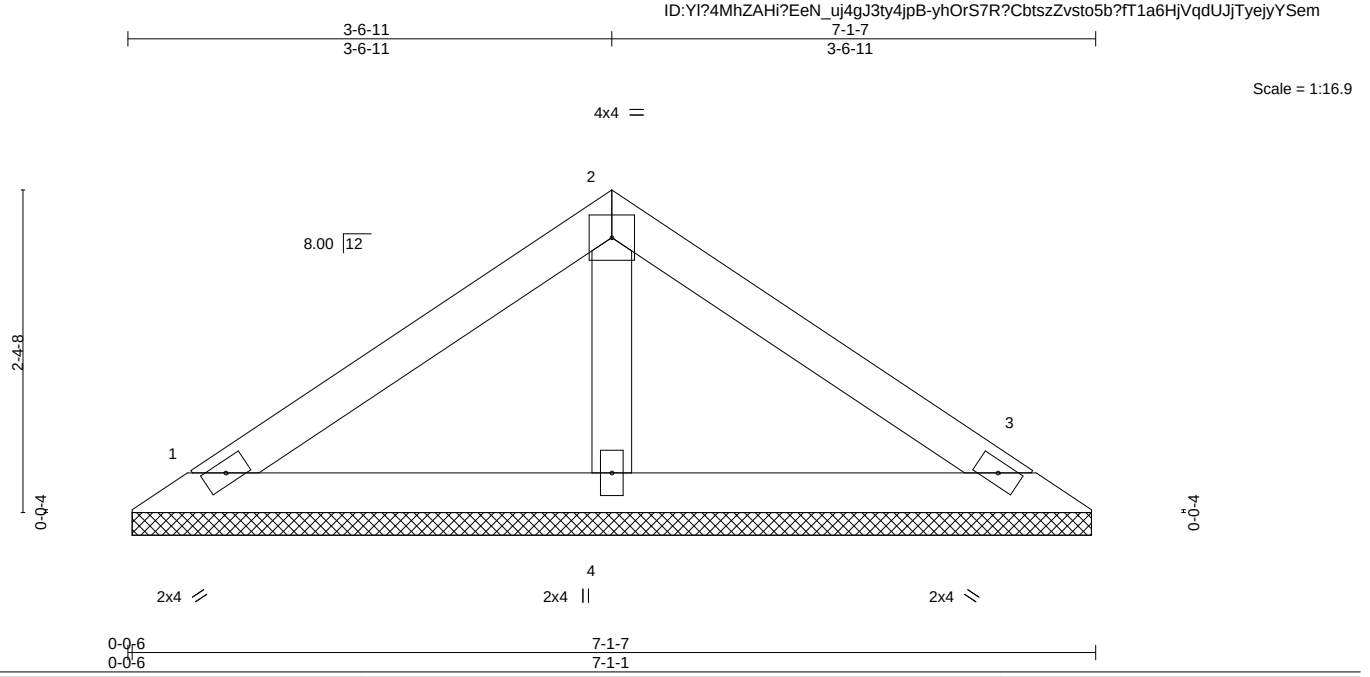


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 24 lb	FT = 20%

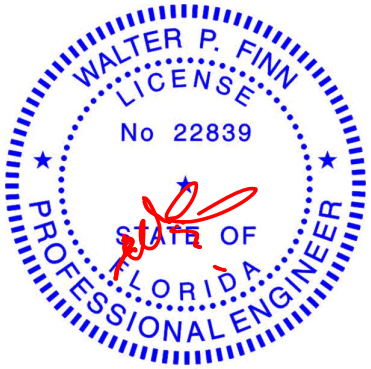
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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) 1=7-0-11, 3=7-0-11, 4=7-0-11
Max Horz 1=64(LC 9)
Max Uplift 1=-50(LC 12), 3=-59(LC 13), 4=-64(LC 12)
Max Grav 1=111(LC 1), 3=112(LC 20), 4=233(LC 1)

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

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



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Job	Truss	Truss Type	Qty	Ply	IC CONST. - MONTGOMERY RES.
2449138	V06	Valley	1	1	T21450596
					Job Reference (optional)

Builders FirstSource (Jacksonville, FL), Jacksonville, FL - 32244, 8.240 s Mar 9 2020 MiTek Industries, Inc. Wed Sep 30 11:20:30 2020 Page 1
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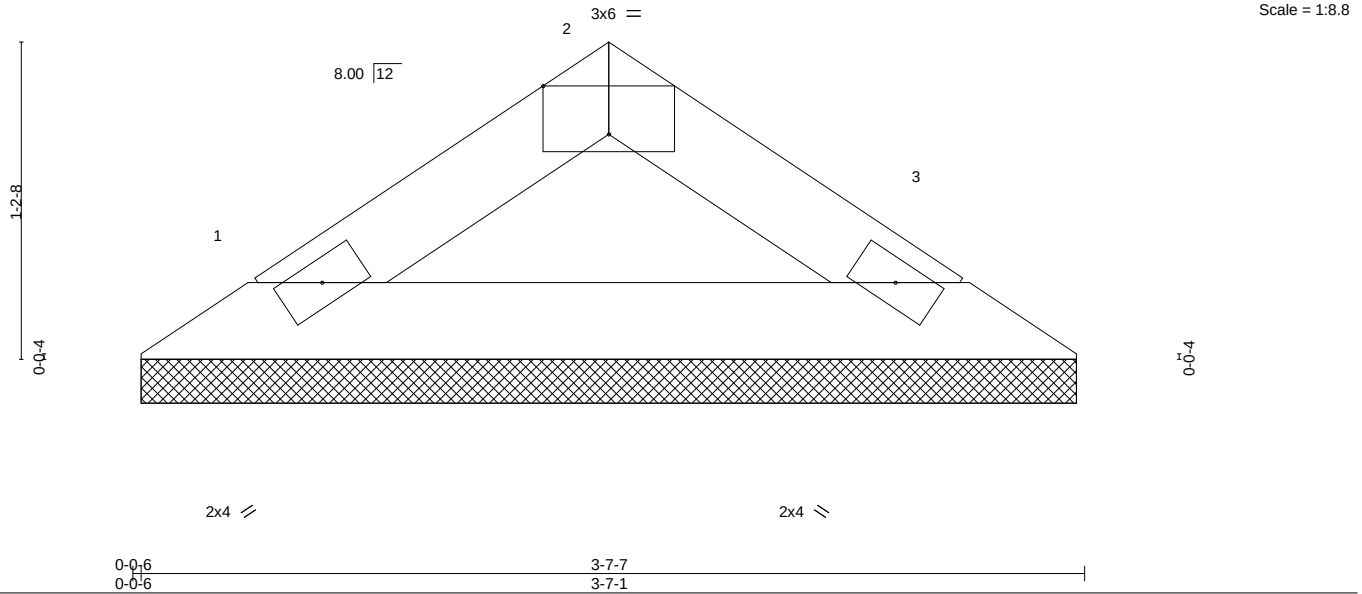


Plate Offsets (X,Y)-- [2:0-3-0,Edge]

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	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 10 lb	FT = 20%

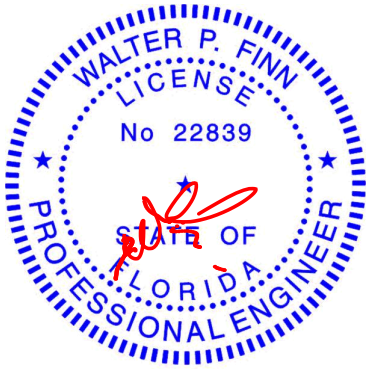
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 1=3-6-11, 3=3-6-11
Max Horz 1=-28(LC 8)
Max Uplift 1=-35(LC 12), 3=-35(LC 13)
Max Grav 1=98(LC 1), 3=98(LC 1)

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

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



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September 30,2020

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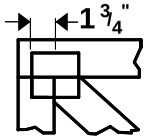
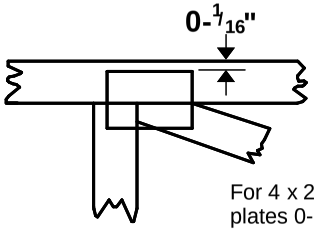
Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- 1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

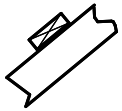
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

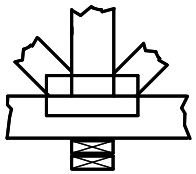
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

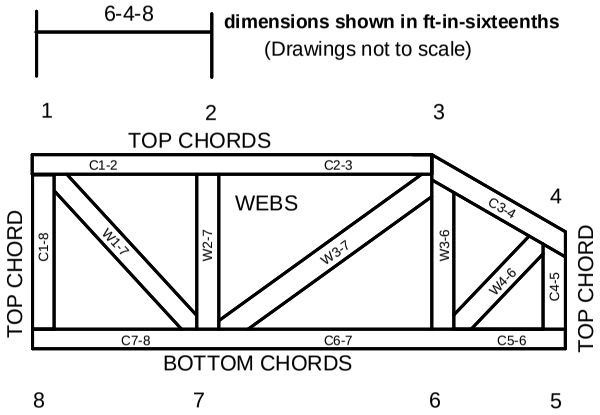


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

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

MiTek Engineering Reference Sheet: MII-7473 rev. 5/19/2020

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.

21.The design does not take into account any dynamic or other loads other than those expressly stated.