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

RE: 2281691 - BLAKE - ABBATE RES.

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

Site Information:

Customer Info: Blake Const. Project Name: Abbate Res. Model: Custom
Lot/Block: 9 Subdivision: Southern Approaches
Address: 249 SW Bonanza Glen, 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):

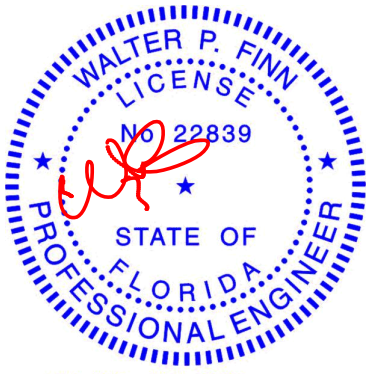
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 24 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	T19604471	CJ01	3/5/20	23	T19604493	T14	3/5/20
2	T19604472	CJ03	3/5/20	24	T19604494	T15	3/5/20
3	T19604473	CJ05	3/5/20				
4	T19604474	EJ01	3/5/20				
5	T19604475	EJ02	3/5/20				
6	T19604476	EJ03	3/5/20				
7	T19604477	EJ04	3/5/20				
8	T19604478	HJ04	3/5/20				
9	T19604479	HJ10	3/5/20				
10	T19604480	T01	3/5/20				
11	T19604481	T02	3/5/20				
12	T19604482	T03	3/5/20				
13	T19604483	T04	3/5/20				
14	T19604484	T05	3/5/20				
15	T19604485	T06	3/5/20				
16	T19604486	T07	3/5/20				
17	T19604487	T08	3/5/20				
18	T19604488	T09	3/5/20				
19	T19604489	T10	3/5/20				
20	T19604490	T11	3/5/20				
21	T19604491	T12	3/5/20				
22	T19604492	T13	3/5/20				

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:
March 5,2020

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	BLAKE - ABBATE RES.
2281691	CJ01	Jack-Open	14	1	T19604471
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:06 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-TeJn4KZwe7_F5e3Zl61O9JBYiIoXcXjtq2hHQTze0aF

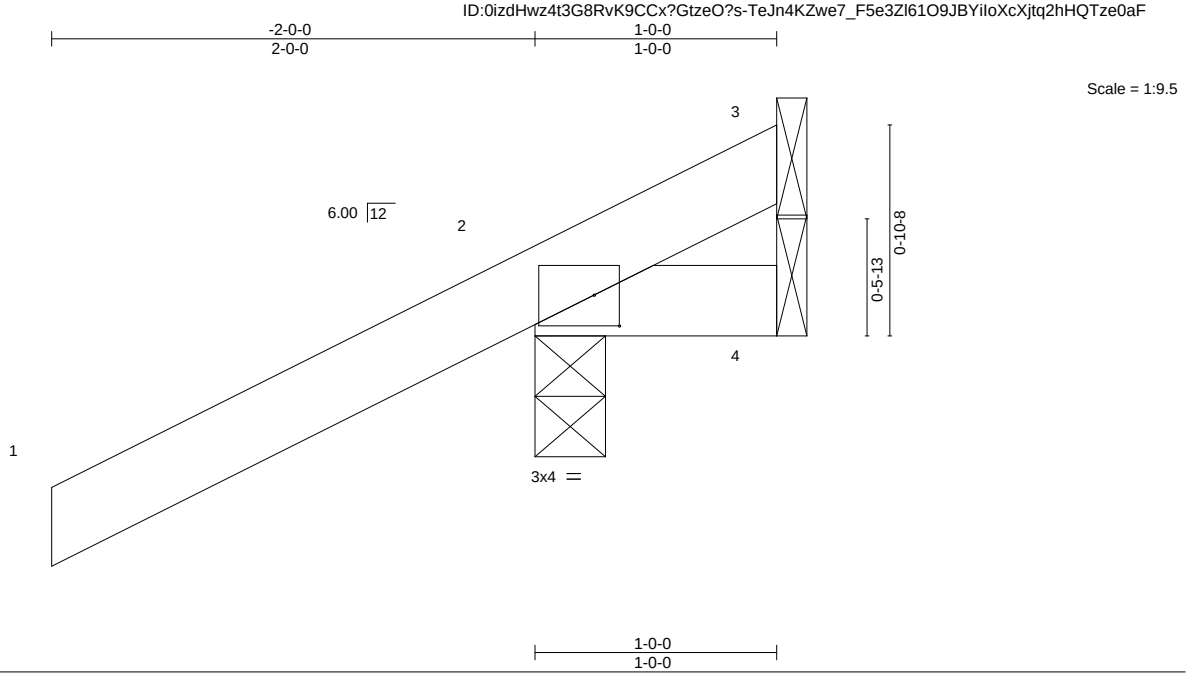


Plate Offsets (X,Y)-- [2:0-1-4,0-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 7 lb	FT = 20%

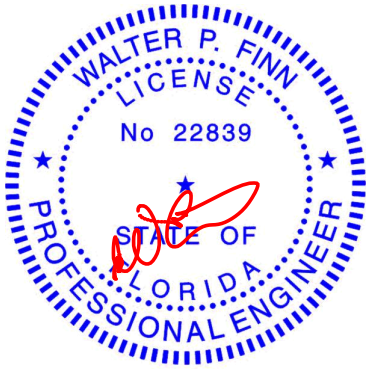
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=66(LC 12)
Max Uplift 3=-27(LC 1), 2=-162(LC 12), 4=-46(LC 1)
Max Grav 3=25(LC 16), 2=254(LC 1), 4=44(LC 16)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 3, 162 lb uplift at joint 2 and 46 lb uplift at joint 4.



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March 5,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	CJ03	Jack-Open	10	1	T19604472
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:06 2020 Page 1
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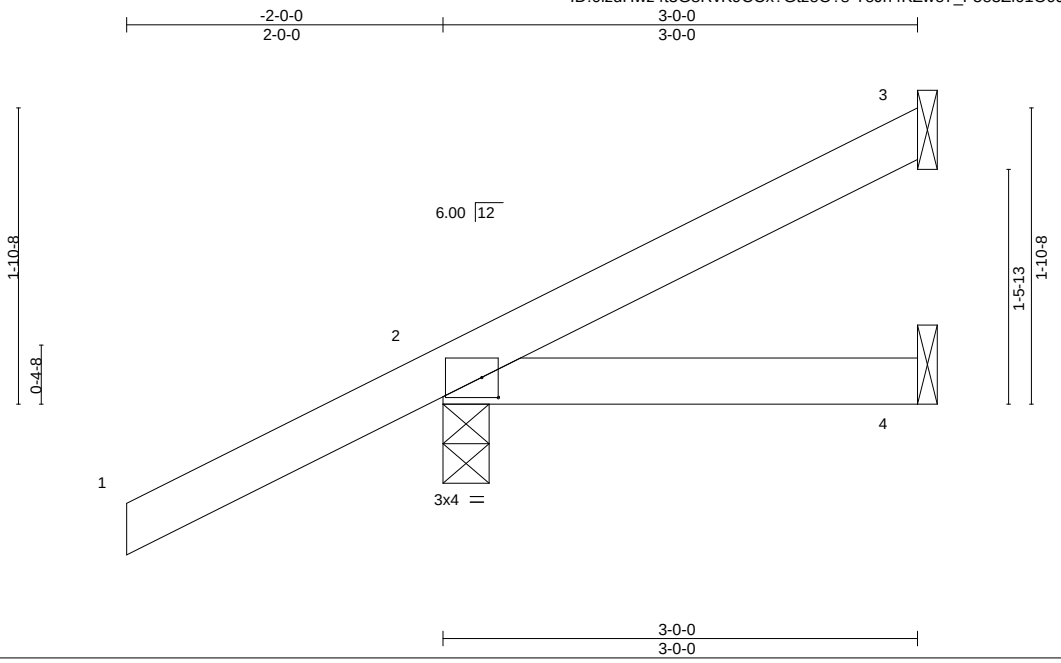


Plate Offsets (X,Y)-- [2:0-1-4,0-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 13 lb	FT = 20%

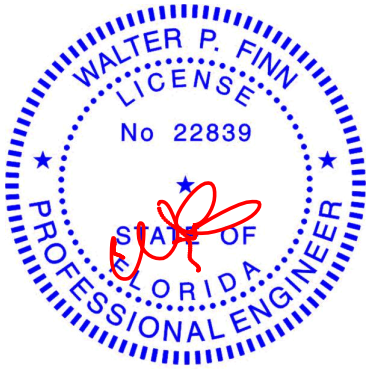
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=113(LC 12)
Max Uplift 3=-48(LC 12), 2=-126(LC 12), 4=-22(LC 9)
Max Grav 3=52(LC 1), 2=253(LC 1), 4=48(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 48 lb uplift at joint 3, 126 lb uplift at joint 2 and 22 lb uplift at joint 4.



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Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	CJ05	Jack-Open	10	1	T19604473
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:07 2020 Page 1
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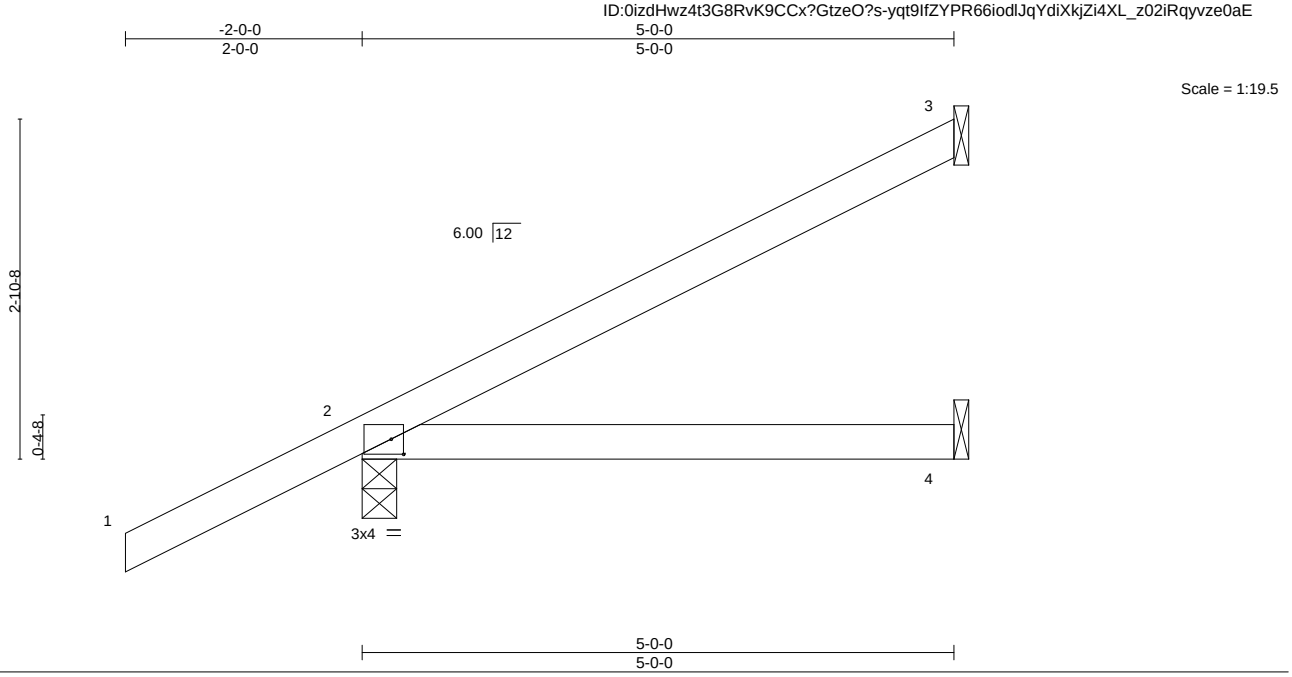


Plate Offsets (X,Y)-- [2:0-1-4,0-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.38	Vert(LL)	0.08	4-7	>750	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	0.07	4-7	>856	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 19 lb	FT = 20%

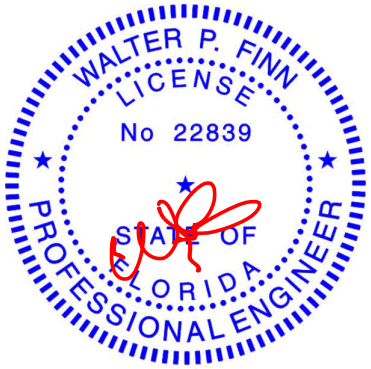
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=162(LC 12)
Max Uplift 3=-98(LC 12), 2=-137(LC 12), 4=-44(LC 9)
Max Grav 3=108(LC 1), 2=313(LC 1), 4=87(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 98 lb uplift at joint 3, 137 lb uplift at joint 2 and 44 lb uplift at joint 4.



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Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	EJ01	Jack-Partial	19	1	T19604474
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:08 2020 Page 1
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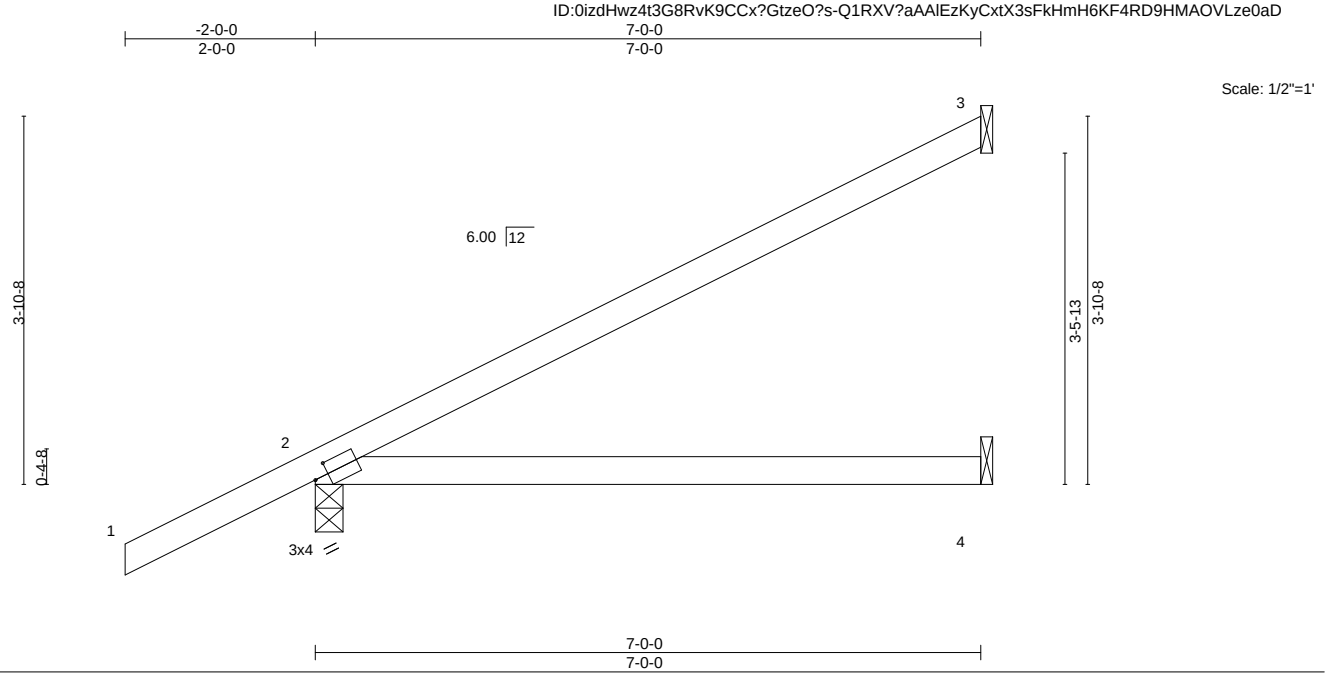


Plate Offsets (X,Y)-- [2:0-1-13,0-1-8]

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	0.89	Vert(LL)	0.33	4-7	>250	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	0.29	4-7	>287	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 26 lb	FT = 20%

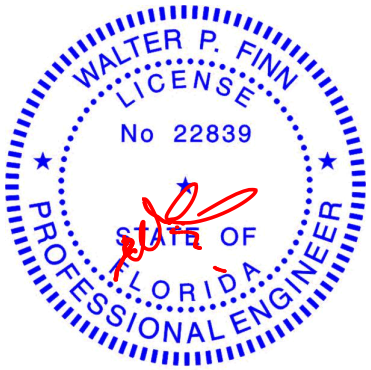
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=144(LC 12)
Max Uplift 3=-94(LC 12), 2=-115(LC 9), 4=-62(LC 9)
Max Grav 3=160(LC 1), 2=380(LC 1), 4=125(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 3, 115 lb uplift at joint 2 and 62 lb uplift at joint 4.



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Date:

March 5,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	EJ02	Jack-Partial	5	1	T19604475
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:08 2020 Page 1
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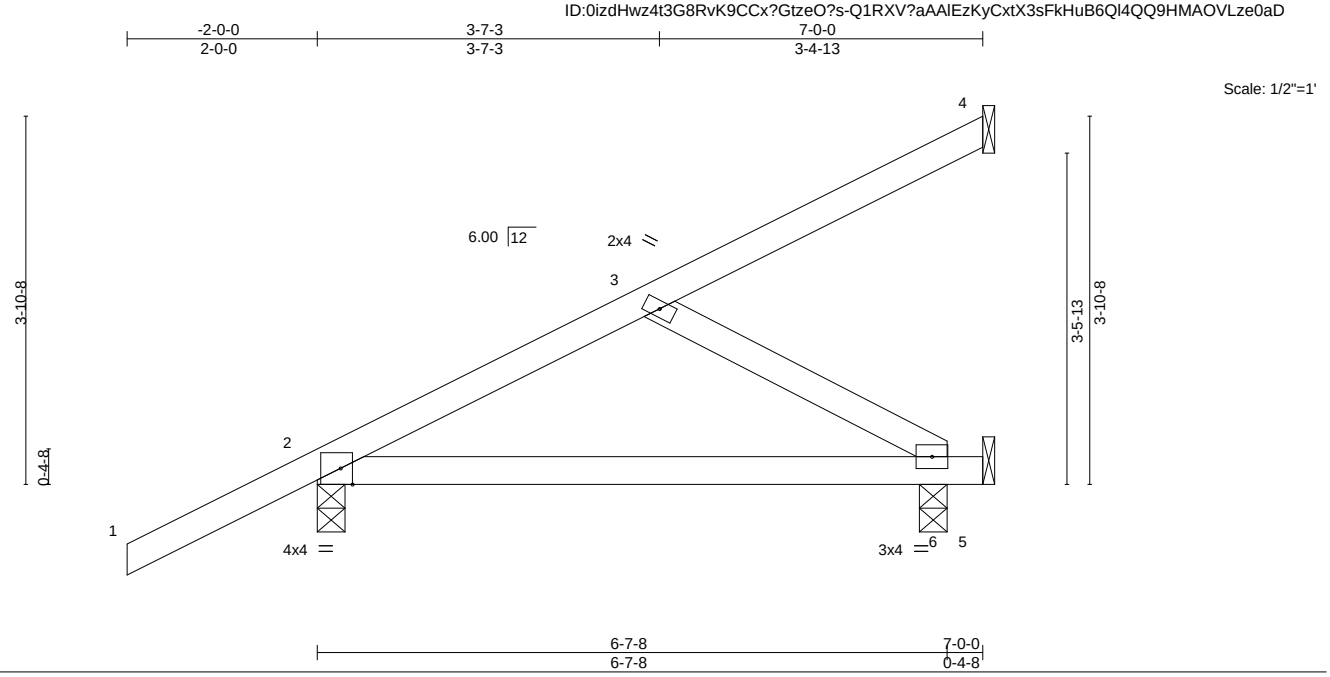


Plate Offsets (X,Y)-- [2:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	0.06	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.06	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 31 lb	FT = 20%

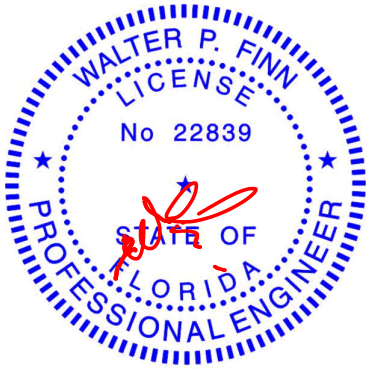
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. All bearings Mechanical except (jt=length) 2=0-3-8, 6=0-3-8.
(lb) - Max Horz 2=144(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 4 except 2=-100(LC 9), 5=-470(LC 3), 6=-323(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 4, 5 except 2=362(LC 1), 6=671(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 2-6=-338/202
WEBS 3-6=-231/388

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) 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
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=100, 5=470, 6=323.



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Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	EJ03	Jack-Partial	5	1	T19604476
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:09 2020 Page 1
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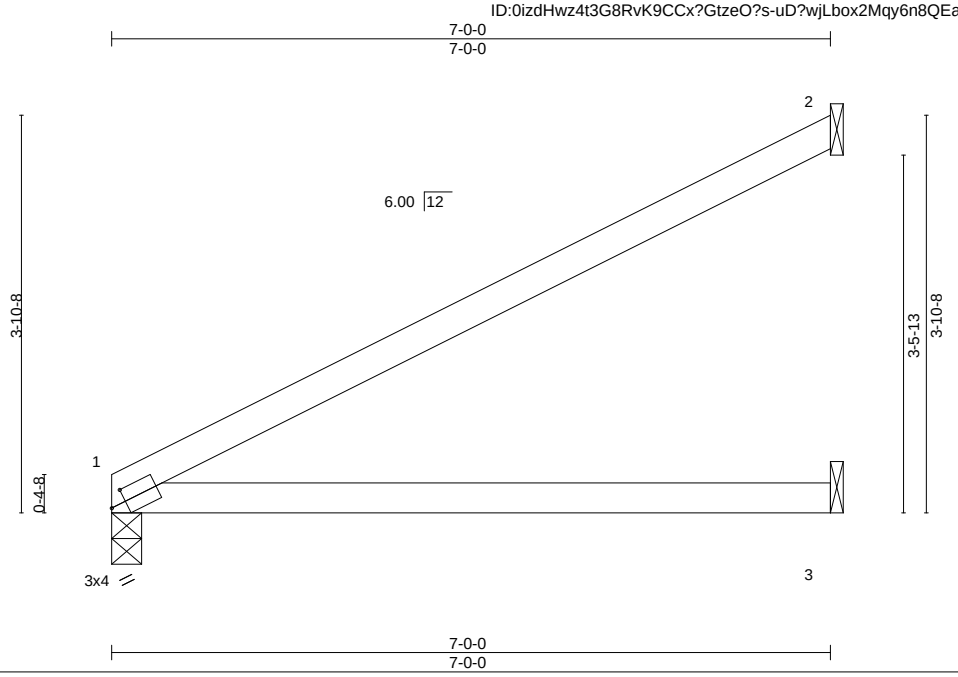


Plate Offsets (X,Y)-- [1:0-1-13,0-1-8]

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	0.73	Vert(LL)	0.16	3-6	>510	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.23	3-6	>358	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	1	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 22 lb	FT = 20%

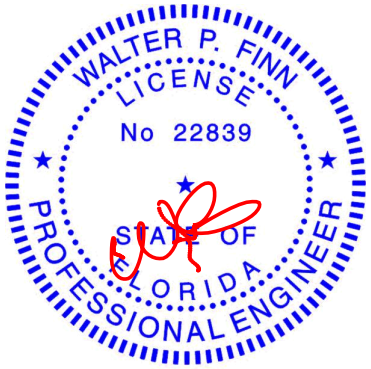
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 1=0-3-8, 2=Mechanical, 3=Mechanical
Max Horz 1=117(LC 12)
Max Uplift 1=-37(LC 12), 2=-97(LC 12), 3=-1(LC 12)
Max Grav 1=257(LC 1), 2=168(LC 1), 3=127(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) 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) 1, 2, 3.



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

March 5,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	EJ04	Jack-Partial	2	1	T19604477
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:10 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-MPYIwhcQhMUhZGMK_y5KK9MDhv9OYLjSkgfUZEze0aB

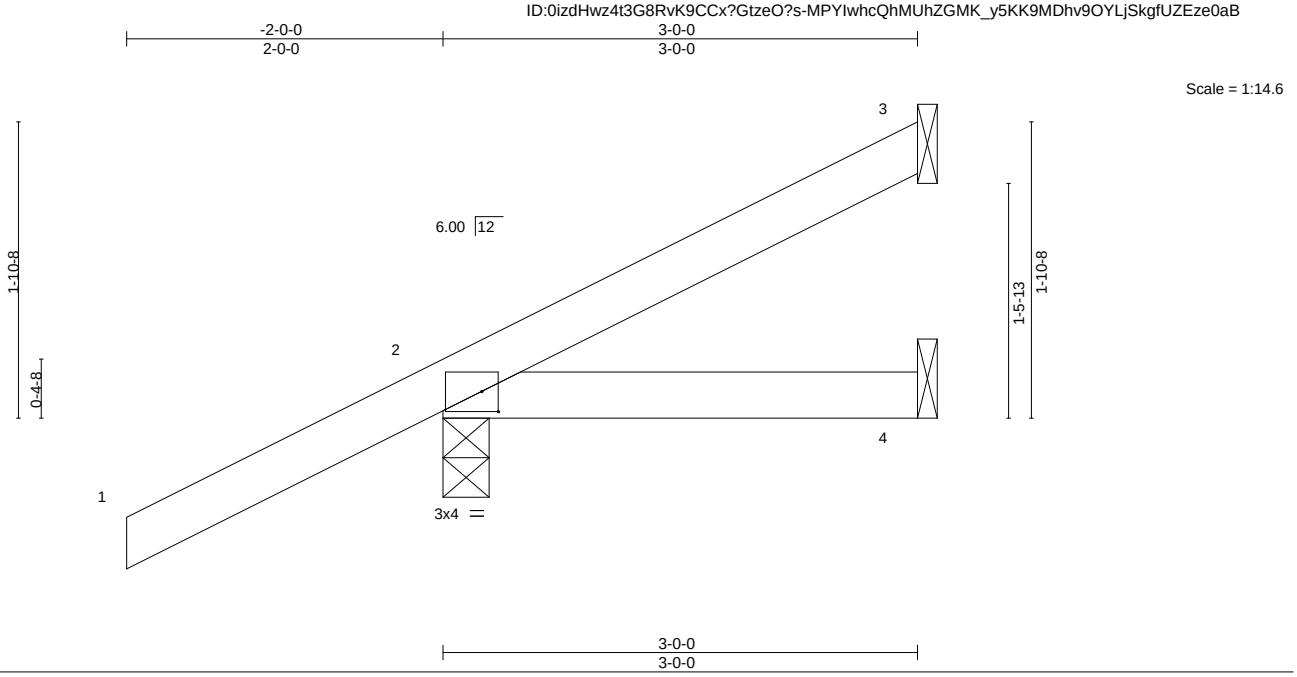


Plate Offsets (X,Y)-- [2:0-1-4,0-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 13 lb	FT = 20%

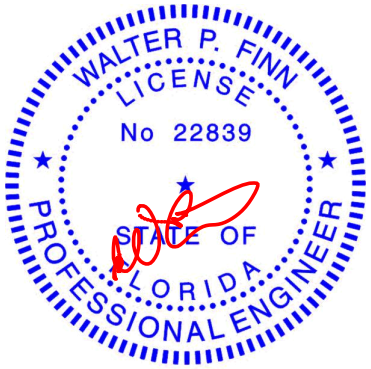
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=113(LC 12)
Max Uplift 3=-48(LC 12), 2=-126(LC 12), 4=-22(LC 9)
Max Grav 3=52(LC 1), 2=253(LC 1), 4=48(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=126.



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Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	HJ04	Diagonal Hip Girder	2	1	T19604478
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:11 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-qc6g81c3SgcYBQxWYfcZsNvLoJQCHoyczJP25gze0aA

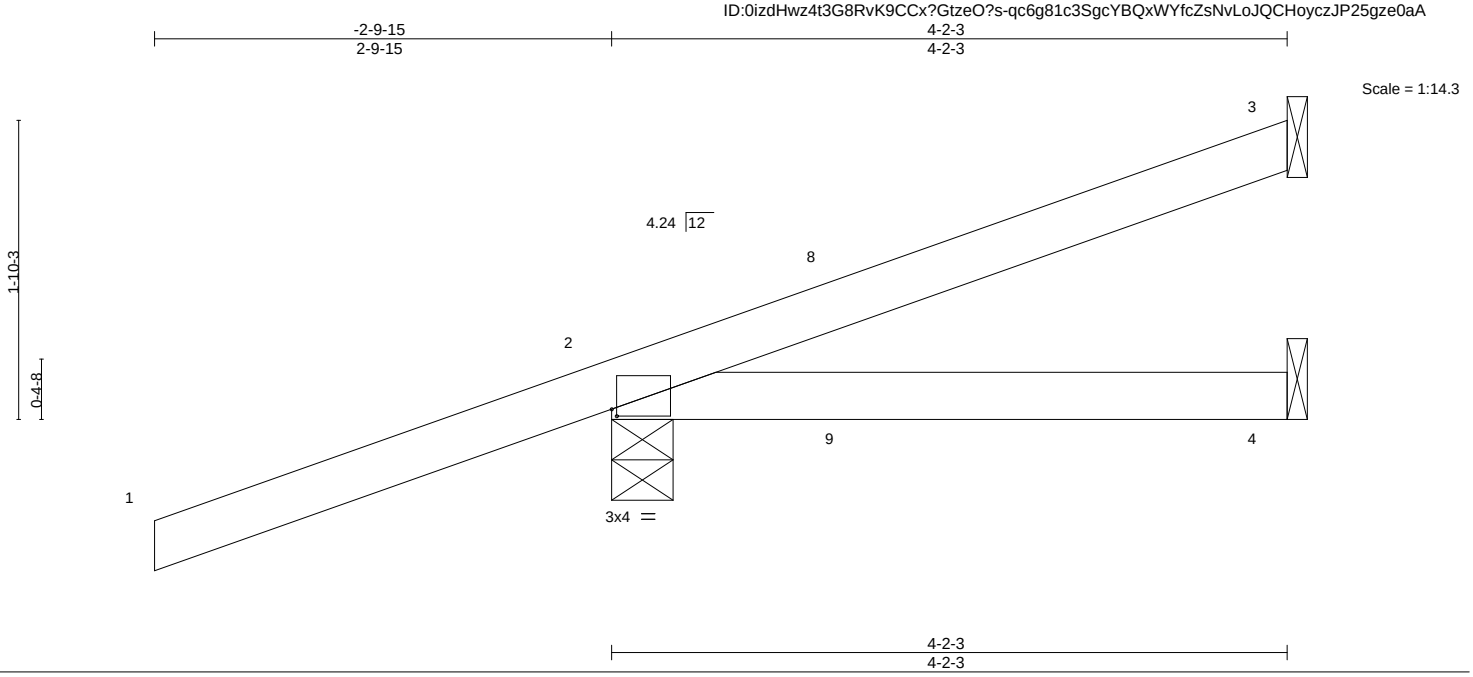


Plate Offsets (X,Y)-- [2:0-0-6,0-0-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	-0.06	4-7	>854	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.05	4-7	>977	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 17 lb	FT = 20%

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

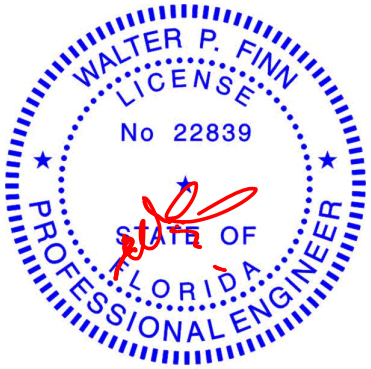
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-4-9, 4=Mechanical
Max Horz 2=136(LC 4)
Max Uplift 3=-37(LC 8), 2=-231(LC 4), 4=-36(LC 19)
Max Grav 3=52(LC 1), 2=282(LC 1), 4=65(LC 30)

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; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=231.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 83 lb down and 103 lb up at 1-6-1, and 83 lb down and 103 lb up at 1-6-1 on top chord, and 69 lb down and 74 lb up at 1-6-1, and 69 lb down and 74 lb up at 1-6-1 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 4-5=-20
Concentrated Loads (lb)
Vert: 8=50(F=25, B=25) 9=70(F=35, B=35)



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March 5,2020

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Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	HJ10	Diagonal Hip Girder	5	1	T19604479
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:12 2020 Page 1
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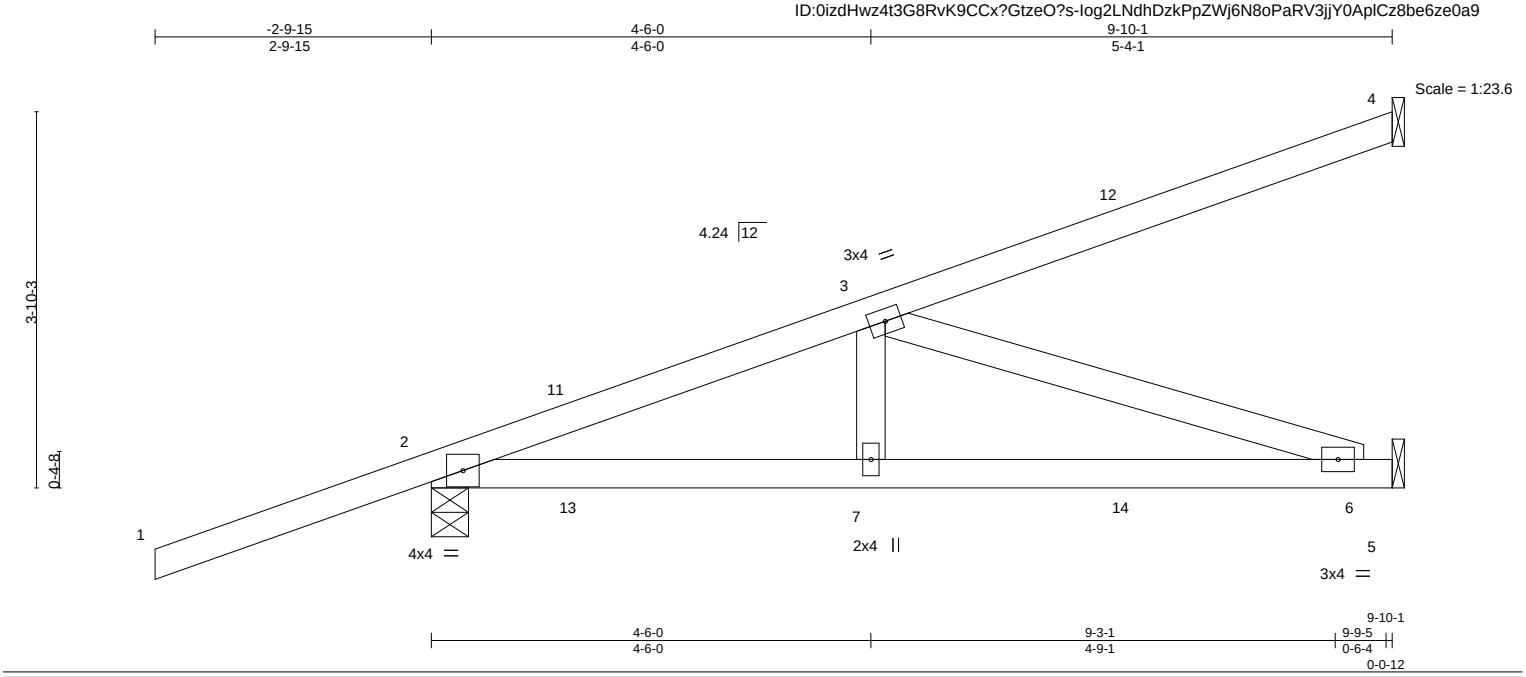


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	0.12	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.12	6-7	>967	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.35	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 44 lb	FT = 20%

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

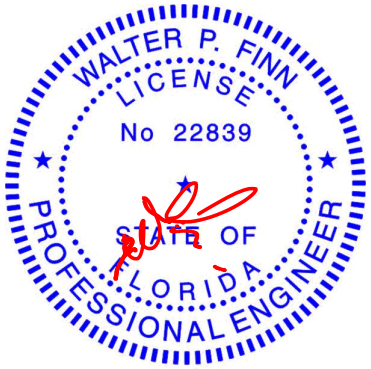
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-7-1 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-9, 5=Mechanical
Max Horz 2=233(LC 22)
Max Uplift 4=-143(LC 4), 2=-345(LC 4), 5=-216(LC 5)
Max Grav 4=150(LC 1), 2=463(LC 1), 5=266(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-628/448
BOT CHORD 2-7=-510/573, 6-7=-510/573
WEBS 3-6=-603/537

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=143, 2=345, 5=216.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 83 lb down and 103 lb up at 1-6-1, 83 lb down and 103 lb up at 1-6-1, 26 lb down and 38 lb up at 4-4-0, 26 lb down and 38 lb up at 4-4-0, and 50 lb down and 97 lb up at 7-1-15, and 50 lb down and 97 lb up at 7-1-15 on top chord, and 69 lb down and 74 lb up at 1-6-1, 69 lb down and 74 lb up at 1-6-1, 53 lb down and 30 lb up at 4-4-0, 53 lb down and 30 lb up at 4-4-0, and 40 lb down and 59 lb up at 7-1-15, and 40 lb down and 59 lb up at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 7=5(F=2, B=2) 11=50(F=25, B=25) 12=-64(F=-32, B=-32) 13=70(F=35, B=35) 14=-49(F=-24, B=-24)



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6904 Parke East Blvd. Tampa FL 33610
Date:

March 5,2020

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Tampa, FL 36610

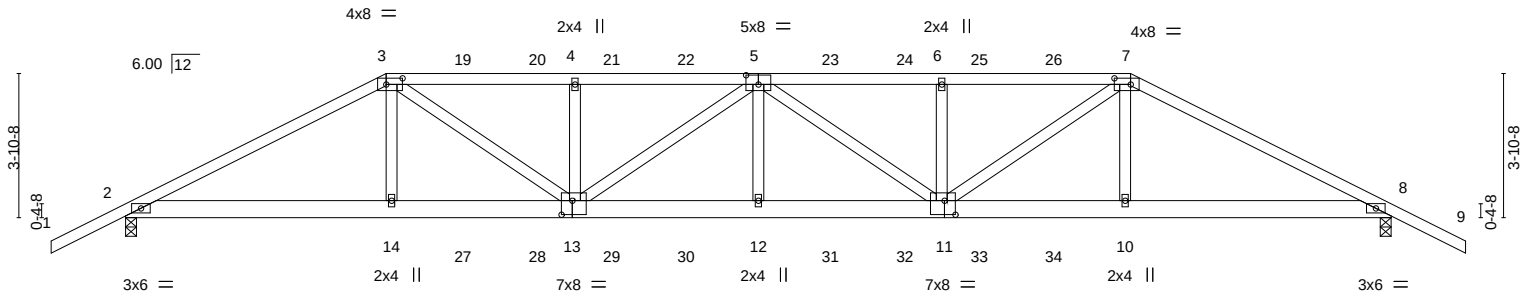
Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T01	Hip Girder	1	2	T19604480

Builders FirstSource, Jacksonville, FL - 32244, Job Reference (optional)

8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:16 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-BZwZBkgBHCFrHBpULDCkZQcCgK3syzeL7b7pnuze0a5

-2-0-0	7-0-0	12-0-14	17-0-0	21-11-2	27-0-0	34-0-0	36-0-0
2-0-0	7-0-0	5-0-14	4-11-2	4-11-2	5-0-14	7-0-0	2-0-0

Scale = 1:61.9



7-0-0	12-0-14	17-0-0	21-11-2	27-0-0	34-0-0
7-0-0	5-0-14	4-11-2	4-11-2	5-0-14	7-0-0

Plate Offsets (X,Y)-- [3:0-5-4,0-2-0], [5:0-4-0,0-3-0], [7:0-5-4,0-2-0], [11:0-3-8,0-4-8], [13:0-3-8,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	0.28	12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.42	12	>981	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.42	Horz(CT)	0.09	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 392 lb	FT = 20%

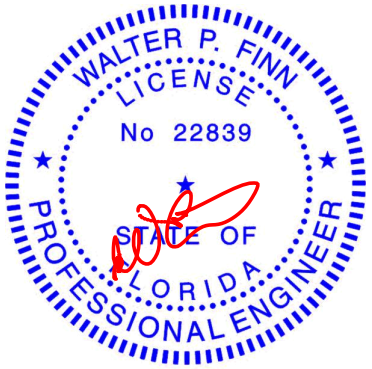
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-1-6 oc bracing.

REACTIONS. (size) 2=0-3-8, 8=0-3-8
Max Horz 2=61(LC 7)
Max Uplift 2=-1160(LC 8), 8=-1226(LC 9)
Max Grav 2=2562(LC 1), 8=2606(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5017/2452, 3-4=-6179/2990, 4-5=-6191/2997, 5-6=-6234/3057, 6-7=-6222/3050, 7-8=-5113/2596
BOT CHORD 2-14=-2153/4415, 13-14=-2167/4437, 12-13=-3152/6833, 11-12=-3152/6833, 10-11=-2257/4523, 8-10=-2243/4501
WEBS 3-14=-356/654, 3-13=-986/2205, 4-13=-579/323, 5-13=-812/301, 5-12=0/453, 5-11=-749/216, 6-11=-579/323, 7-11=-903/2144, 7-10=-354/653

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1160, 8=1226.



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Date:

March 5,2020

Continued on page 2

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Tampa, FL 36610

NOTES-

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 125 lb down and 100 lb up at 7-0-0, 106 lb down and 100 lb up at 9-0-12, 106 lb down and 100 lb up at 11-0-12, 114 lb down and 103 lb up at 13-0-12, 114 lb down and 103 lb up at 15-0-12, 114 lb down and 103 lb up at 17-0-0, 114 lb down and 103 lb up at 18-11-4, 114 lb down and 103 lb up at 20-11-4, 106 lb down and 100 lb up at 22-11-4, and 106 lb down and 100 lb up at 24-11-4, and 227 lb down and 252 lb up at 27-0-0 on top chord, and 294 lb down and 335 lb up at 7-0-0, 85 lb down and 82 lb up at 9-0-12, 85 lb down and 82 lb up at 11-0-12, 87 lb down and 21 lb up at 13-0-12, 87 lb down and 21 lb up at 15-0-12, 87 lb down and 21 lb up at 17-0-0, 87 lb down and 21 lb up at 18-11-4, 87 lb down and 21 lb up at 20-11-4, 85 lb down and 82 lb up at 22-11-4, and 85 lb down and 82 lb up at 24-11-4, and 294 lb down and 335 lb up at 26-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

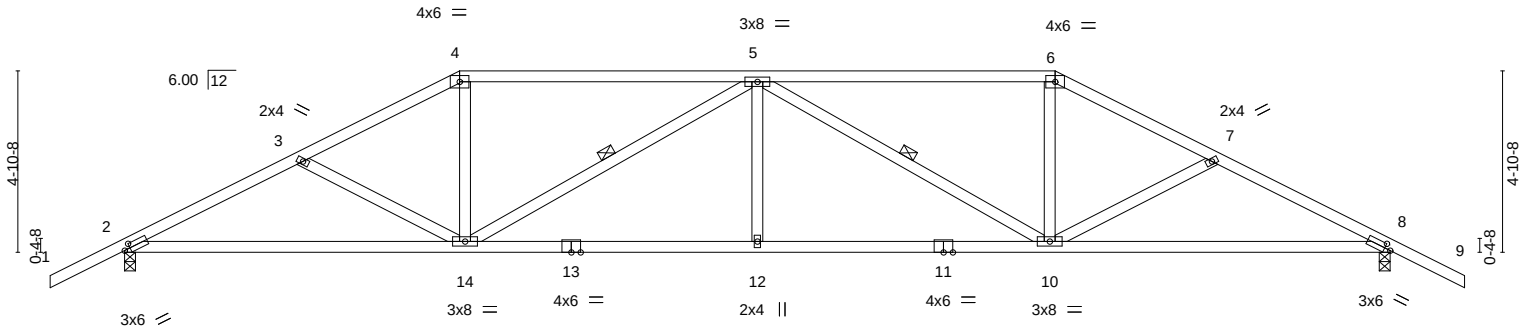
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-7=-54, 7-9=-54, 2-8=-20
   Concentrated Loads (lb)
   Vert: 3=-106(F) 7=-180(F) 14=-284(F) 5=-114(F) 12=-69(F) 10=-284(F) 19=-106(F) 20=-106(F) 21=-114(F) 22=-114(F) 23=-114(F) 24=-114(F) 25=-106(F) 26=-106(F) 27=-61(F) 28=-61(F) 29=-69(F) 30=-69(F) 31=-69(F) 32=-69(F) 33=-61(F) 34=-61(F)

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T02	Hip	1	1	T19604481
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:18 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-7y1JcQiSppVZXUzsSdECerhVj8izQvjeavcwrmze0a3

-2-0-0	4-9-8	9-0-0	17-0-0	25-0-0	29-2-8	34-0-0	36-0-0
2-0-0	4-9-8	4-2-8	8-0-0	8-0-0	4-2-8	4-9-8	2-0-0

Scale = 1:61.9



9-0-0	17-0-0	25-0-0	34-0-0
9-0-0	8-0-0	8-0-0	9-0-0

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

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	0.77	Vert(LL)	-0.17	12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.34	10-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.12	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 171 lb	FT = 20%

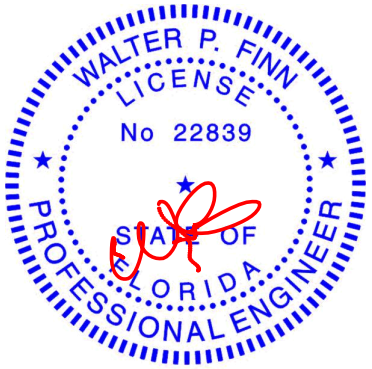
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 8=0-3-8
Max Horz 2=75(LC 11)
Max Uplift 2=-250(LC 12), 8=-250(LC 13)
Max Grav 2=1366(LC 1), 8=1366(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2349/1200, 3-4=-2104/1067, 4-5=-1856/1015, 5-6=-1856/1015, 6-7=-2104/1067, 7-8=-2349/1200
BOT CHORD 2-14=-914/2058, 12-14=-1009/2407, 10-12=-1009/2407, 8-10=-945/2058
WEBS 3-14=-253/257, 4-14=-230/617, 5-14=-732/340, 5-12=0/294, 5-10=-732/340, 6-10=-230/617, 7-10=-253/256

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) 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=250, 8=250.



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

March 5,2020

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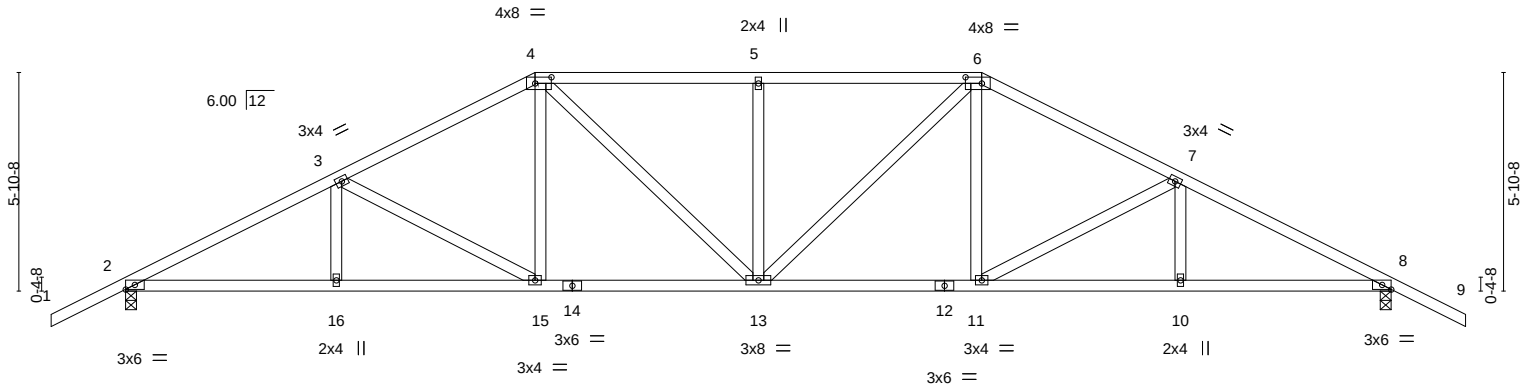
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T03	Hip	1	1	T19604482
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:19 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-b8bipmj4a7dP8eY30LmRB3El4Y7F9LwnpZLTNCze0a2

-2-0-0	5-7-15	11-0-0	17-0-0	23-0-0	28-4-1	34-0-0	36-0-0
2-0-0	5-7-15	5-4-1	6-0-0	6-0-0	5-4-1	5-7-15	2-0-0

Scale = 1:61.9



5-7-15	11-0-0	17-0-0	23-0-0	28-4-1	34-0-0
5-7-15	5-4-1	6-0-0	6-0-0	5-4-1	5-7-15

Plate Offsets (X,Y)-- [4:0-5-4,0-2-0], [6:0-5-4,0-2-0], [8:0-2-15,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	0.41	Vert(LL)	-0.14	13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.26	13-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.10	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 184 lb	FT = 20%

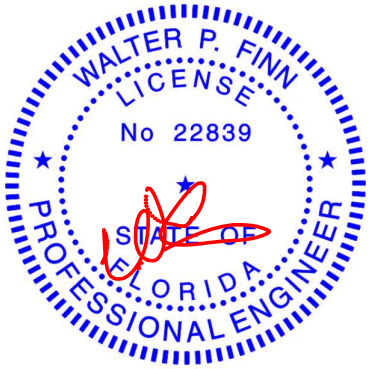
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-1-15 oc bracing.

REACTIONS. (size) 2=0-3-8, 8=0-3-8
Max Horz 2=88(LC 11)
Max Uplift 2=-266(LC 12), 8=-266(LC 13)
Max Grav 2=1366(LC 1), 8=1366(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2365/1186, 3-4=-1944/1031, 4-5=-1940/1105, 5-6=-1940/1105, 6-7=-1944/1031, 7-8=-2365/1186
BOT CHORD 2-16=-895/2061, 15-16=-895/2061, 13-15=-634/1684, 11-13=-639/1684, 10-11=-925/2061, 8-10=-925/2061
WEBS 3-15=-440/328, 4-15=-123/384, 4-13=-175/459, 5-13=-369/272, 6-13=-175/459, 6-11=-123/384, 7-11=-440/328

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) 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=266, 8=266.



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March 5,2020

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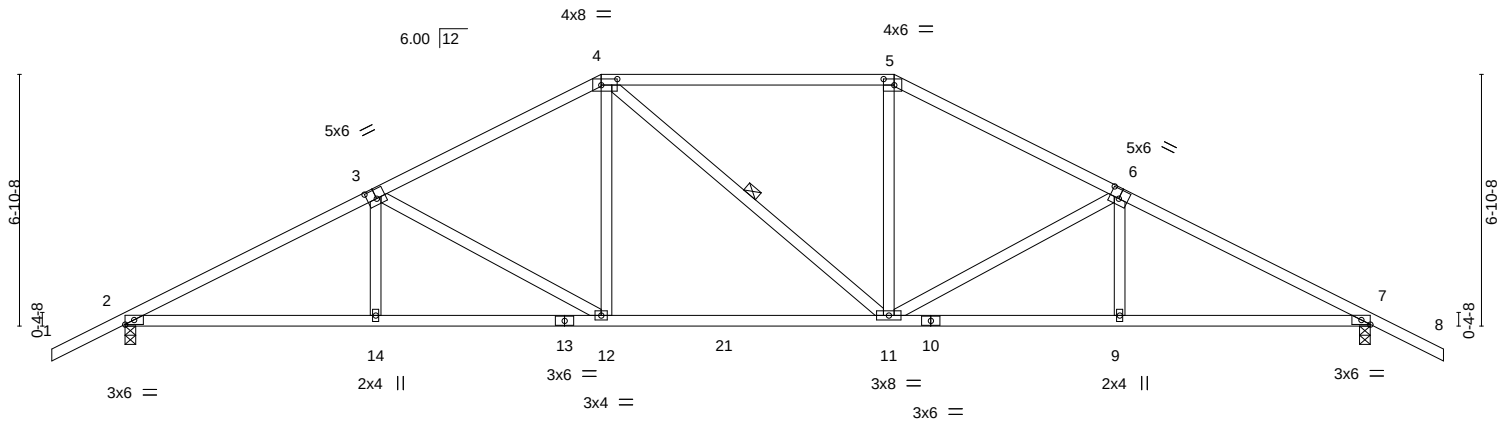
Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T04	Hip	1	1	T19604483
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:20 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-3K9406jiLRlGmo7Fa2HgkGmvJxRgulyw2D50wfze0a1

-2-0-0	6-10-2	13-0-0	21-0-0	27-1-14	34-0-0	36-0-0
2-0-0	6-10-2	6-1-14	8-0-0	6-1-14	6-10-2	2-0-0

Scale = 1:62.9



6-10-2	13-0-0	21-0-0	27-1-14	34-0-0
6-10-2	6-1-14	8-0-0	6-1-14	6-10-2

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-5-4,0-2-0], [5:0-3-8,0-2-0], [6:0-3-0,0-3-0], [7:0-2-15,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	0.51	Vert(LL)	-0.16	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.32	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.10	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 176 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except*
	4-5: 2x4 SP M 31
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

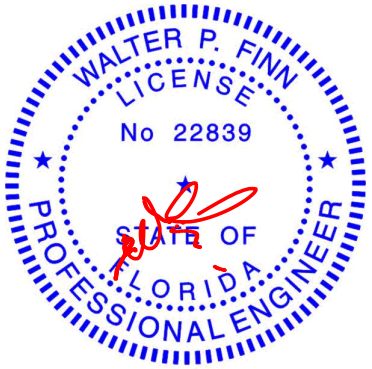
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-5-4 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-1-9 oc bracing.
WEBS	1 Row at midpt 4-11

REACTIONS. (size) 2=0-3-8, 7=0-3-8
Max Horz 2=-102(LC 10)
Max Uplift 2=-280(LC 12), 7=-280(LC 13)
Max Grav 2=1366(LC 1), 7=1366(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2321/1181, 3-4=-1808/990, 4-5=-1555/955, 5-6=-1809/990, 6-7=-2321/1181
BOT CHORD 2-14=-882/2012, 12-14=-882/2013, 11-12=-556/1555, 9-11=-905/2013, 7-9=-906/2012
WEBS 3-14=0/256, 3-12=-535/399, 4-12=-147/476, 5-11=-145/477, 6-11=-535/399, 6-9=0/255

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=280, 7=280.



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March 5,2020

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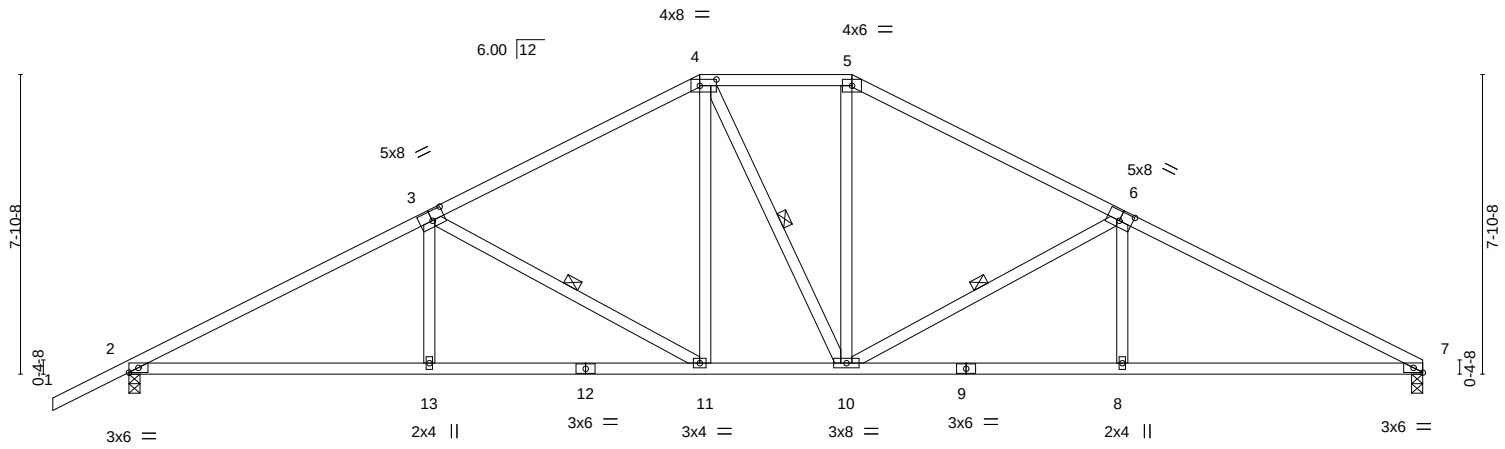
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T05	Hip	2	1	T19604484
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:21 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-XXjSESkK6kt7OyiR7movGUJ1BLmMdGN4GtqaS5ze0a0

-2-0-0	7-10-12	15-0-0	19-0-0	26-1-4	34-0-0
2-0-0	7-10-12	7-1-4	4-0-0	7-1-4	7-10-12

Scale = 1:60.5



7-10-12	15-0-0	19-0-0	26-1-4	34-0-0
7-10-12	7-1-4	4-0-0	7-1-4	7-10-12

Plate Offsets (X,Y)-- [3:0-4-0,0-3-0], [4:0-5-4,0-2-0], [6:0-4-0,0-3-0], [7:0-2-15,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	0.69	Vert(LL)	0.13	8-19	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.26	8-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.26	Horz(CT)	0.10	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 179 lb	FT = 20%

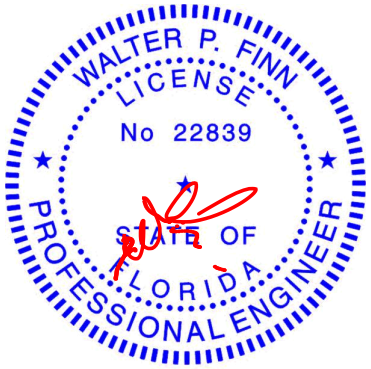
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-8-0 oc bracing.
WEBS 1 Row at midpt 3-11, 4-10, 6-10

REACTIONS. (size) 2=0-3-8, 7=0-3-8
Max Horz 2=120(LC 16)
Max Uplift 2=-293(LC 12), 7=-254(LC 13)
Max Grav 2=1369(LC 1), 7=1255(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2292/1188, 3-4=-1658/955, 4-5=-1403/929, 5-6=-1660/957, 6-7=-2313/1207
BOT CHORD 2-13=-945/1978, 11-13=-945/1978, 10-11=-525/1401, 8-10=-965/1999, 7-8=-965/2000
WEBS 3-13=0/328, 3-11=-672/486, 4-11=-203/444, 5-10=-208/446, 6-10=-696/507, 6-8=0/330

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) 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=293, 7=254.



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Date:

March 5,2020

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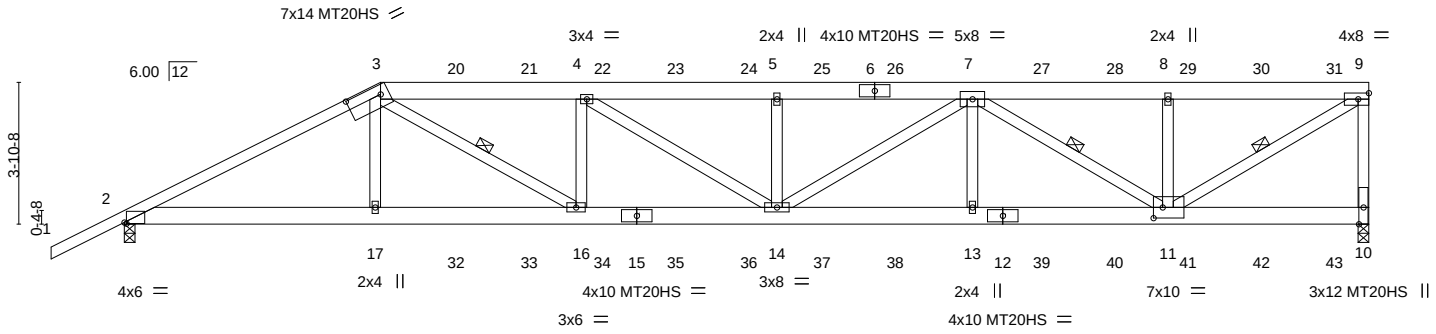
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T06	Half Hip Girder	1	1	T19604485 Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:24 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-y6PasTnCOfFiFPR0puLcu6xVQZmNqRgWyr3E2Qze0Zz

-2-0-0	7-0-0	12-5-14	17-9-15	23-2-1	28-6-2	34-0-0
2-0-0	7-0-0	5-5-14	5-4-2	5-4-2	5-4-2	5-5-14

Scale = 1:62.9



7-0-0	12-5-14	17-9-15	23-2-1	28-6-2	34-0-0
7-0-0	5-5-14	5-4-2	5-4-2	5-4-2	5-5-14

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.88	Vert(LL)	0.40	14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	0.55	14-16	>742	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.99	Horz(CT)	-0.12	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 228 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-0-14 oc bracing.
WEBS 1 Row at midpt 3-16, 7-11, 9-11

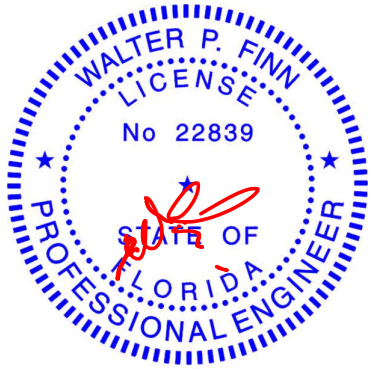
REACTIONS. (size) 10=0-3-8, 2=0-3-8
Max Horz 2=144(LC 34)
Max Uplift 10=-1824(LC 5), 2=-1657(LC 8)
Max Grav 10=2125(LC 43), 2=1948(LC 43)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3868/3611, 3-4=-4904/4941, 4-5=-5247/5204, 5-7=-5247/5204, 7-8=-2845/2508, 8-9=-2845/2508, 9-10=-1996/1739
BOT CHORD 2-17=-3254/3398, 16-17=-3239/3379, 14-16=-4939/4902, 13-14=-4228/4560, 11-13=-4228/4560
WEBS 3-17=-362/617, 3-16=-2059/1829, 4-16=-650/466, 4-14=-330/419, 5-14=-364/203, 7-14=-1158/922, 7-13=-161/406, 7-11=-2035/2042, 8-11=-620/339, 9-11=-2943/3335

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); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=1824, 2=1657.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 125 lb down and 100 lb up at 7-0-0, 106 lb down and 100 lb up at 9-0-12, 27 lb down and 54 lb up at 11-0-12, 27 lb down and 54 lb up at 13-0-12, 27 lb down and 54 lb up at 15-0-12, 27 lb down and 54 lb up at 17-0-12, 27 lb down and 54 lb up at 19-0-12, 106 lb down and 100 lb up at 21-0-12, 106 lb down and 100 lb up at 23-0-12, 106 lb down and 100 lb up at 25-0-12, 106 lb down and 100 lb up at 27-0-12, 106 lb down and 100 lb up at 29-0-12, and 106 lb down and 100 lb up at 31-0-12, and 112 lb down and 99 lb up at 33-0-12 on top chord, and 294 lb down and 335 lb up at 7-0-0, 85 lb down and 82 lb up at 9-0-12, 210 lb down and 270 lb up at 11-0-12, 210 lb down and 270 lb up at 13-0-12, 210 lb down and 270 lb up at 15-0-12, 210 lb down and 270 lb up at 17-0-12, 210 lb down and 270 lb up at 19-0-12, 85 lb down and 82 lb up at 21-0-12, 85 lb down and 82 lb up at 23-0-12, 85 lb down and 82 lb up at 25-0-12, 85 lb down and 82 lb up at 27-0-12, 85 lb down and 82 lb up at 29-0-12, and 85 lb down and 82 lb up at 31-0-12, and 89 lb down and 80 lb up at 33-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2

LOAD CASE(S) Standard



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Date: March 5,2020

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Tampa, FL 36610

LOAD CASE(S) Standard

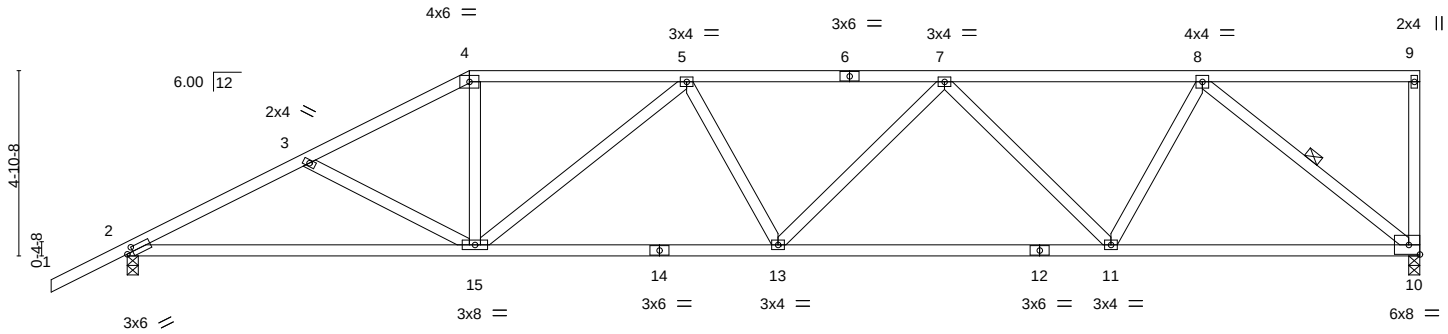
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-9=-54, 2-10=-20
   Concentrated Loads (lb)
   Vert: 3=-106(B) 17=-284(B) 13=-61(B) 7=-106(B) 20=-106(B) 21=-21(B) 22=-21(B) 23=-21(B) 24=-21(B) 25=-21(B) 26=-106(B) 27=-106(B) 28=-106(B) 29=-106(B) 30=-106(B) 31=-112(B) 32=-61(B) 33=252(B) 34=252(B) 35=252(B) 36=252(B) 37=252(B) 38=-61(B) 39=-61(B) 40=-61(B) 41=-61(B) 42=-61(B) 43=-63(B)

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T07	Half Hip	1	1	T19604486
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:25 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-QIyz4pnr9zNZsZ?CMbsrRKUm3y5SZzzgBVonasze0Zy

-2-0-0	4-9-8	9-0-0	14-8-9	21-6-0	28-3-6	34-0-0
2-0-0	4-9-8	4-2-8	5-8-9	6-9-6	6-9-6	5-8-10

Scale = 1:60.6



9-0-0	17-1-7	25-10-8	34-0-0
9-0-0	8-1-7	8-9-1	8-1-8

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

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	0.44	Vert(LL)	-0.15	13-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.87	Vert(CT)	-0.34	11-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.11	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 180 lb	FT = 20%

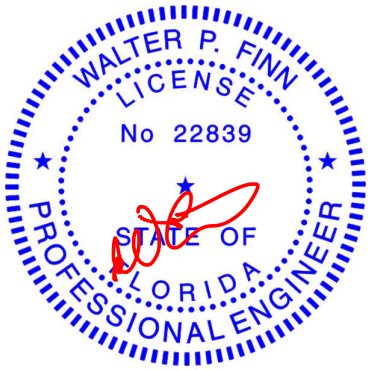
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 10=0-3-8, 2=0-3-8
Max Horz 2=180(LC 12)
Max Uplift 10=-325(LC 9), 2=-267(LC 9)
Max Grav 10=1249(LC 1), 2=1364(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2348/1163, 3-4=-2092/1023, 4-5=-1842/973, 5-7=-2305/1152, 7-8=-1670/806
BOT CHORD 2-15=-1202/2058, 13-15=-1197/2295, 11-13=-1115/2165, 10-11=-666/1304
WEBS 3-15=-269/268, 4-15=-257/668, 5-15=-665/297, 7-13=-54/264, 7-11=-716/448, 8-11=-301/789, 8-10=-1663/855

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) 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=325, 2=267.



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

March 5,2020

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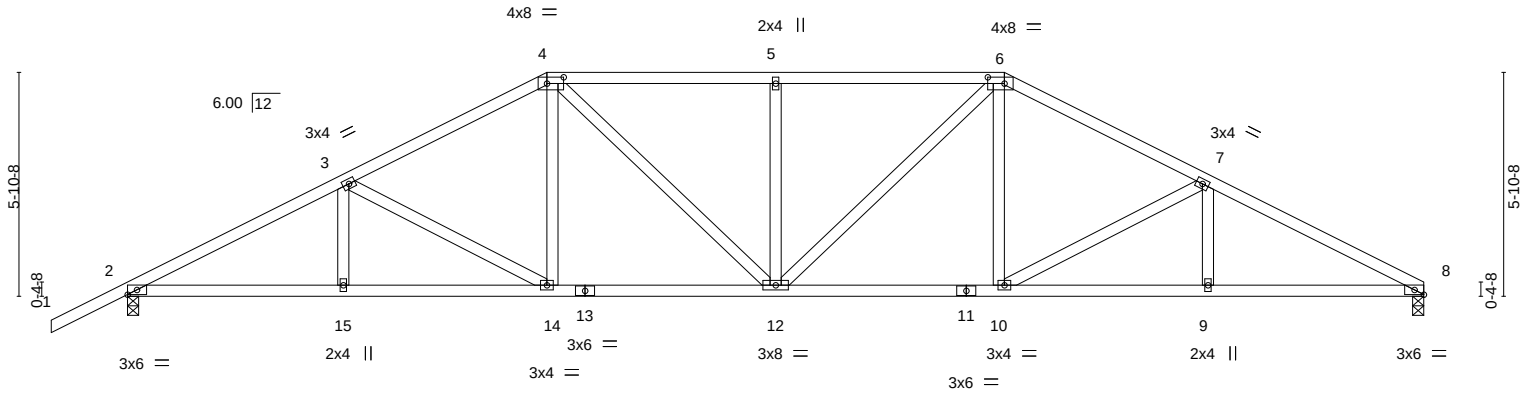
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T08	Hip	1	1	T19604487
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:26 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-uUWLH9oTwHVQUjaPwJO4zX0xyMWJlVHpQ9YL6Izе0Zx

-2-0-0	5-7-15	11-0-0	17-0-0	23-0-0	28-4-1	34-0-0
2-0-0	5-7-15	5-4-1	6-0-0	6-0-0	5-4-1	5-7-15

Scale = 1:60.4



5-7-15	11-0-0	17-0-0	23-0-0	28-4-1	34-0-0
5-7-15	5-4-1	6-0-0	6-0-0	5-4-1	5-7-15

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.43	Vert(LL)	-0.14	12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.27	10-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.10	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 180 lb	FT = 20%

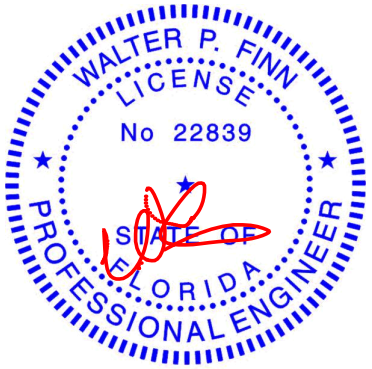
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-9-8 oc bracing.

REACTIONS. (size) 8=0-3-8, 2=0-3-8
Max Horz 2=96(LC 16)
Max Uplift 8=-228(LC 13), 2=-267(LC 12)
Max Grav 8=1255(LC 1), 2=1369(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2372/1198, 3-4=-1951/1044, 4-5=-1949/1122, 5-6=-1949/1122, 6-7=-1958/1050, 7-8=-2405/1228
BOT CHORD 2-15=-983/2067, 14-15=-983/2067, 12-14=-697/1690, 10-12=-702/1696, 9-10=-1014/2101, 8-9=-1014/2101
WEBS 3-14=-440/327, 4-14=-123/383, 4-12=-179/464, 5-12=-369/273, 6-12=-169/458, 6-10=-133/386, 7-10=-472/357

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) 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=228, 2=267.



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Date:

March 5,2020

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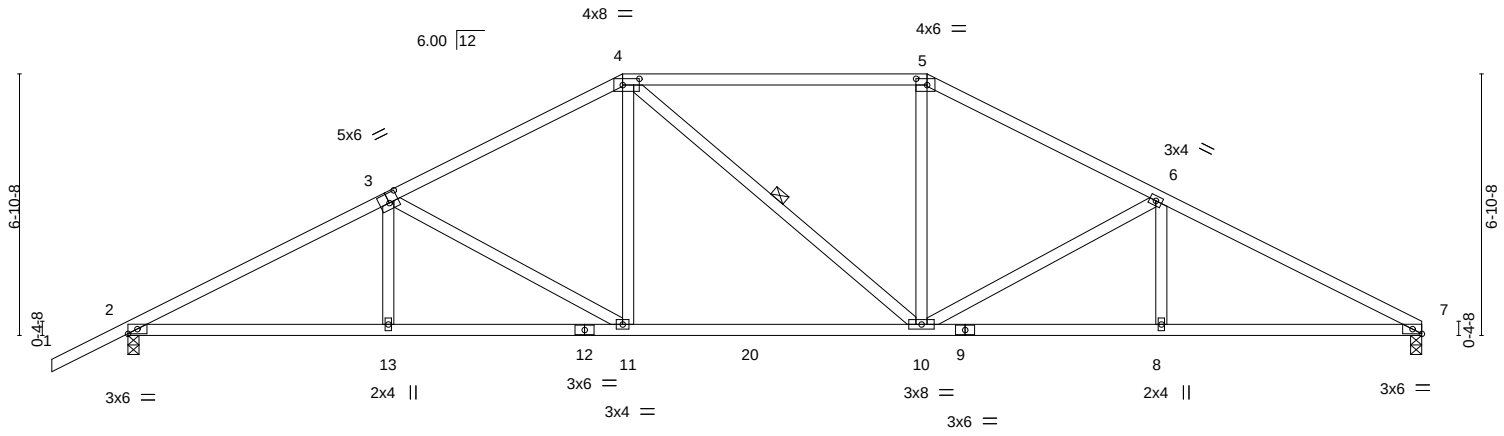
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T09	Hip	1	1	T19604488
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:27 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-Mh4jUVp5hadH6t9bU0vJWlZ48mq41vJyfpHuflze0Zw

-2-0-0	6-10-2	13-0-0	21-0-0	27-1-14	34-0-0
2-0-0	6-10-2	6-1-14	8-0-0	6-1-14	6-10-2

Scale = 1:60.5



6-10-2	13-0-0	21-0-0	27-1-14	34-0-0
6-10-2	6-1-14	8-0-0	6-1-14	6-10-2

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-5-4,0-2-0], [5:0-3-8,0-2-0], [7:0-2-15,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.53	Vert(LL)	-0.16	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.32	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.10	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 173 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except*
	4-5: 2x4 SP M 31
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

BRACING-

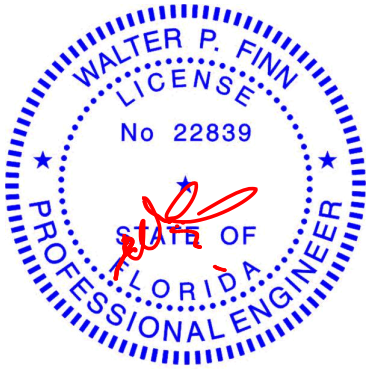
TOP CHORD	Structural wood sheathing directly applied or 3-3-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 5-8-15 oc bracing.
WEBS	1 Row at midpt 4-10

REACTIONS. (size) 7=0-3-8, 2=0-3-8
Max Horz 2=108(LC 12)
Max Uplift 7=-242(LC 13), 2=-281(LC 12)
Max Grav 7=1255(LC 1), 2=1369(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2328/1193, 3-4=-1815/1003, 4-5=-1564/969, 5-6=-1819/1007, 6-7=-2352/1215
BOT CHORD 2-13=-963/2018, 11-13=-963/2019, 10-11=-617/1561, 8-10=-985/2043, 7-8=-985/2043
WEBS 3-13=0/255, 3-11=-535/398, 4-11=-148/477, 5-10=-155/479, 6-10=-560/423, 6-8=0/259

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=242, 2=281.



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Date:

March 5,2020

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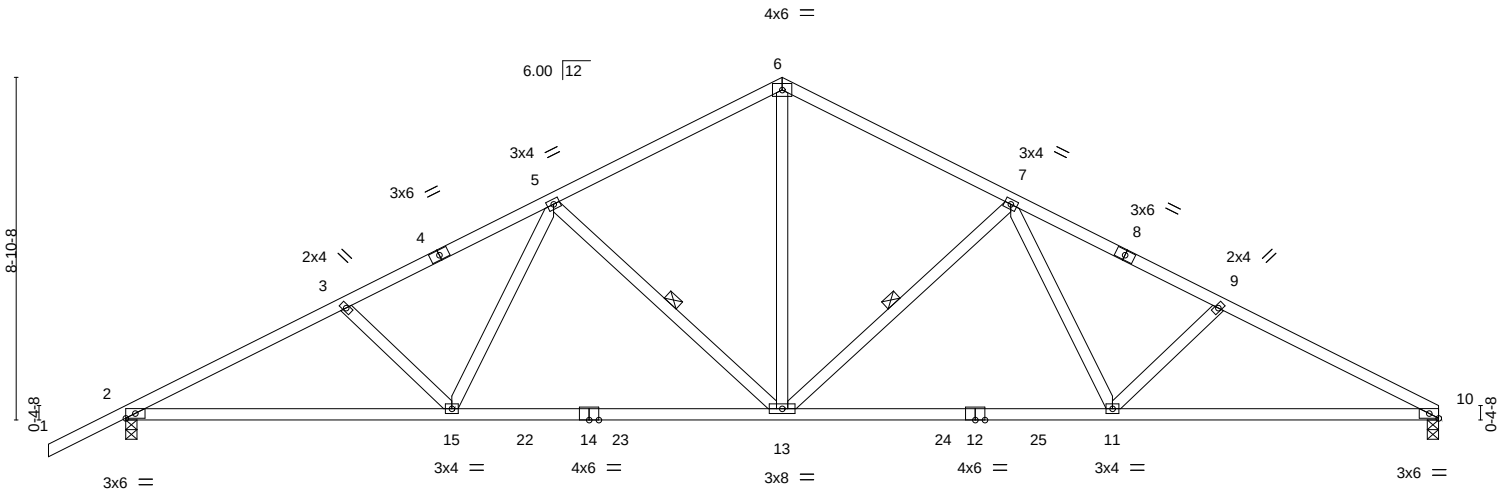
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T10	Common	2	1	T19604489
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:29 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-I3CTvBqLDCt?LBJ_bRxnbAeRjaTTVlpF67m?jdze0Zu

-2-0-0	5-8-8	11-0-15	17-0-0	22-11-1	28-3-8	34-0-0
2-0-0	5-8-8	5-4-8	5-11-1	5-11-1	5-4-8	5-8-8

Scale = 1:59.7



8-5-5	17-0-0	25-6-11	34-0-0
8-5-5	8-6-11	8-6-11	8-5-5

Plate Offsets (X,Y)-- [10:0-2-15,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	0.46	Vert(LL)	-0.19	13-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.36	13-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.10	10	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

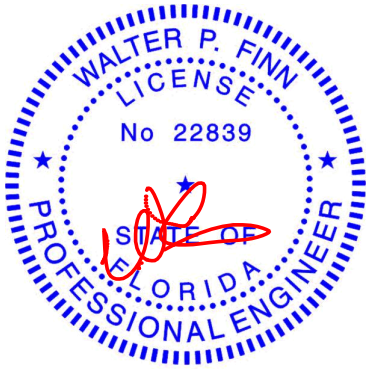
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-5-13 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 5-8-0 oc bracing.
WEBS	1 Row at midpt 7-13, 5-13

REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=133(LC 16)
Max Uplift 2=-303(LC 12), 10=-264(LC 13)
Max Grav 2=1369(LC 1), 10=1255(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2342/1256, 3-5=-2134/1188, 5-6=-1493/929, 6-7=-1493/929, 7-9=-2155/1207, 9-10=-2355/1279
BOT CHORD 2-15=-1032/2043, 13-15=-765/1684, 11-13=-772/1692, 10-11=-1058/2072
WEBS 6-13=-574/970, 7-13=-595/460, 7-11=-182/462, 9-11=-287/296, 5-13=-585/451, 5-15=-163/457, 3-15=-270/280

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) 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=303, 10=264.



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

March 5,2020

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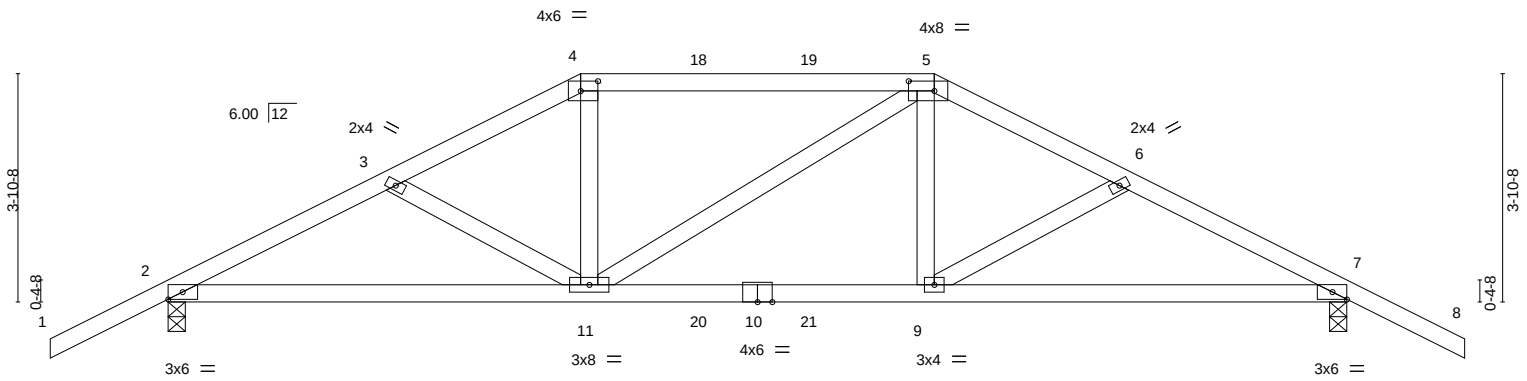
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T11	Hip Girder	1	1	T19604490
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:30 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-nFms7Xrz_V?szKuA99S08NBclzpWEKfPLnWYF4ze0Zt

-2-0-0 3-10-5 7-0-0 13-0-0 16-1-11 20-0-0 22-0-0
2-0-0 3-10-5 3-1-11 6-0-0 3-1-11 3-10-5 2-0-0

Scale = 1:39.1



7-0-0 13-0-0 20-0-0
7-0-0 6-0-0 7-0-0

Plate Offsets (X,Y)-- [4:0-3-8,0-2-0], [5:0-5-4,0-2-0], [7:0-2-15,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	0.51	Vert(LL)	0.20	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.81	Vert(CT)	-0.22	9-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.26	Horz(CT)	0.07	7	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 99 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
4-5: 2x4 SP M 31
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

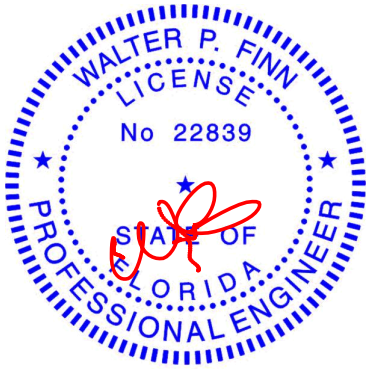
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-9-4 oc bracing.

REACTIONS. (size) 2=0-3-8, 7=0-3-8
Max Horz 2=-61(LC 6)
Max Uplift 2=-832(LC 5), 7=-862(LC 4)
Max Grav 2=1431(LC 1), 7=1453(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2517/1593, 3-4=-2373/1585, 4-5=-2133/1459, 5-6=-2419/1650, 6-7=-2564/1659
BOT CHORD 2-11=-1409/2201, 9-11=-1428/2172, 7-9=-1430/2243
WEBS 4-11=-445/674, 5-9=-422/662

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); porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=832, 7=862.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 125 lb down and 100 lb up at 7-0-0, 106 lb down and 100 lb up at 9-0-12, and 106 lb down and 100 lb up at 10-11-4, and 227 lb down and 252 lb up at 13-0-0 on top chord, and 294 lb down and 335 lb up at 7-0-0, 85 lb down and 82 lb up at 9-0-12, and 85 lb down and 82 lb up at 10-11-4, and 294 lb down and 335 lb up at 12-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-5=-54, 5-8=-54, 12-15=-20
Concentrated Loads (lb)
Vert: 4=-106(B) 5=-180(B) 11=-284(B) 9=-284(B) 18=-106(B) 19=-106(B) 20=-61(B) 21=-61(B)



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6904 Parke East Blvd. Tampa FL 33610
Date:

March 5,2020

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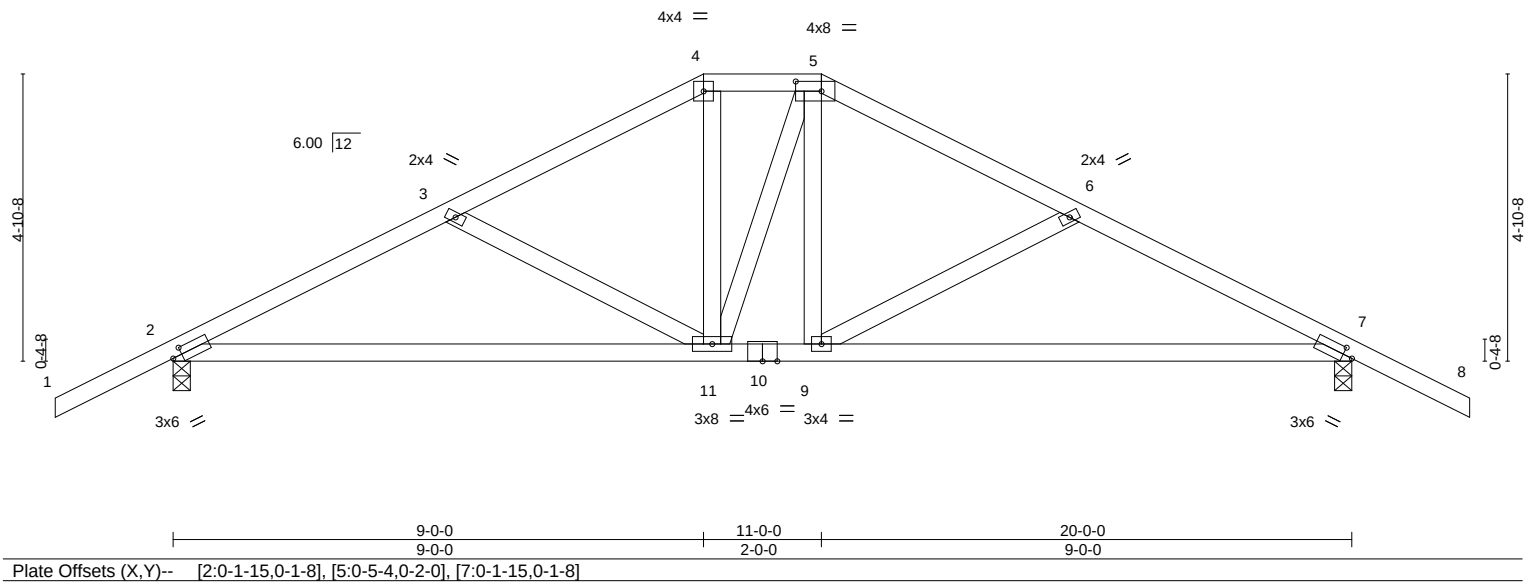
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T12	Hip	1	1	T19604491
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:31 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-FSKEKtsblp7ibUTMjszFgbkl8NB4zosYZRF6oWze0Zs

-2-0-0	4-9-8	9-0-0	11-0-0	15-2-8	20-0-0	22-0-0
2-0-0	4-9-8	4-2-8	2-0-0	4-2-8	4-9-8	2-0-0

Scale = 1:39.1



9-0-0	11-0-0	20-0-0
9-0-0	2-0-0	9-0-0

Plate Offsets (X,Y)-- [2:0-1-15,0-1-8], [5:0-5-4,0-2-0], [7:0-1-15,0-1-8]

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	0.59	Vert(LL)	0.31	9-17	>763	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.29	9-17	>829	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 104 lb	FT = 20%

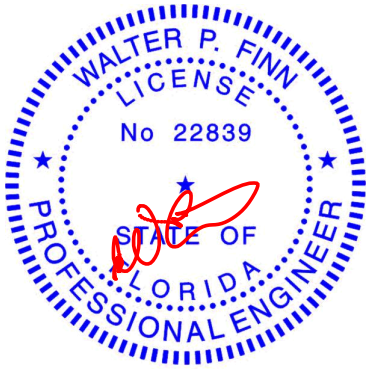
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-1-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-2-1 oc bracing.

REACTIONS. (size) 2=0-3-8, 7=0-3-8
Max Horz 2=-75(LC 10)
Max Uplift 2=-324(LC 9), 7=-324(LC 8)
Max Grav 2=848(LC 1), 7=848(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1221/1523, 3-4=-955/1303, 4-5=-807/1218, 5-6=-954/1301, 6-7=-1221/1522
BOT CHORD 2-11=-1248/1067, 9-11=-926/806, 7-9=-1272/1067
WEBS 3-11=-306/405, 4-11=-467/282, 5-9=-477/281, 6-9=-307/408

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) 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
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=324, 7=324.



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March 5,2020

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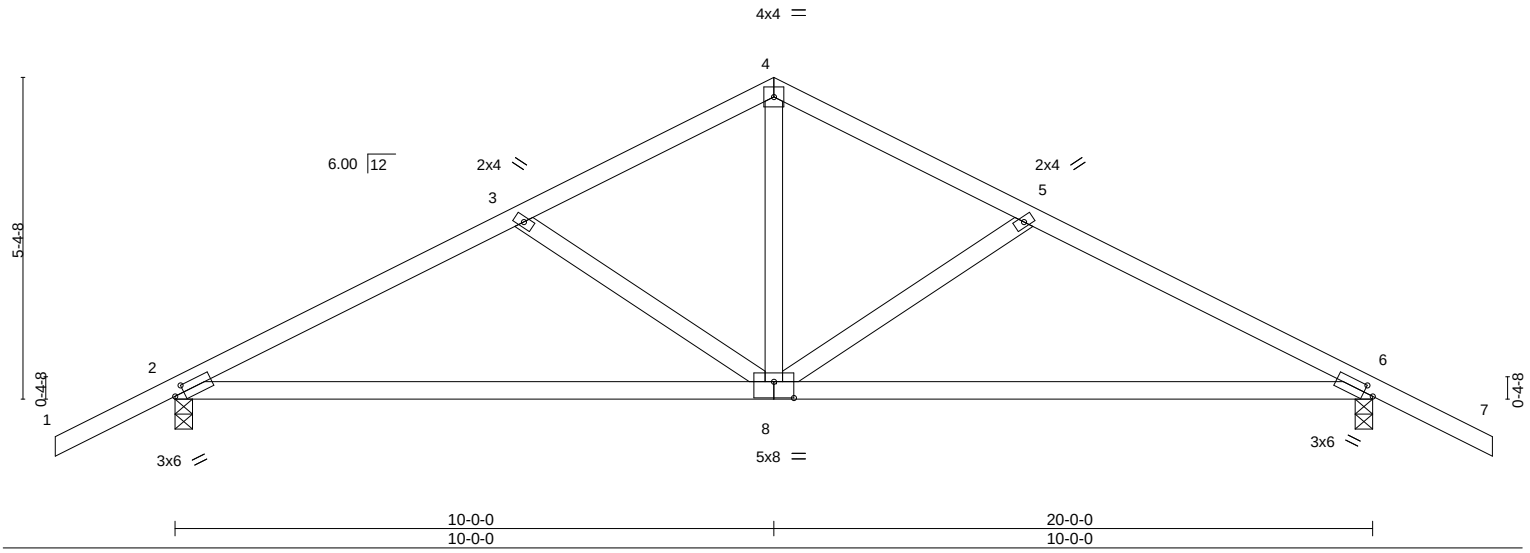
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T13	Common	1	1	T19604492
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:32 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-jeucYDtEW7GZCe2ZHaVUDoGvvnTOiBPho5?fKyze0Zr

-2-0-0	5-9-14	10-0-0	14-2-2	20-0-0	22-0-0
2-0-0	5-9-14	4-2-2	4-2-2	5-9-14	2-0-0

Scale = 1:38.5



10-0-0	20-0-0
10-0-0	10-0-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	0.38	8-14	>626	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.91	Vert(CT)	-0.34	8-14	>710	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 92 lb	FT = 20%

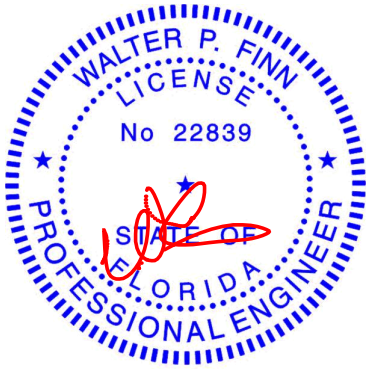
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=81(LC 11)
Max Uplift 2=-306(LC 9), 6=-306(LC 8)
Max Grav 2=848(LC 1), 6=848(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1173/1464, 3-4=-905/1280, 4-5=-905/1280, 5-6=-1173/1463
BOT CHORD 2-8=-1184/1015, 6-8=-1200/1015
WEBS 4-8=-1007/583, 5-8=-325/405, 3-8=-325/406

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) 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
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) 2=306, 6=306.



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March 5,2020

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Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T14	Hip Girder	1	1	T19604493
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:34 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-f1?MyuuU2kWHSyBxO_XyIDMLSbMHAC3_GOUmOrze0Zp

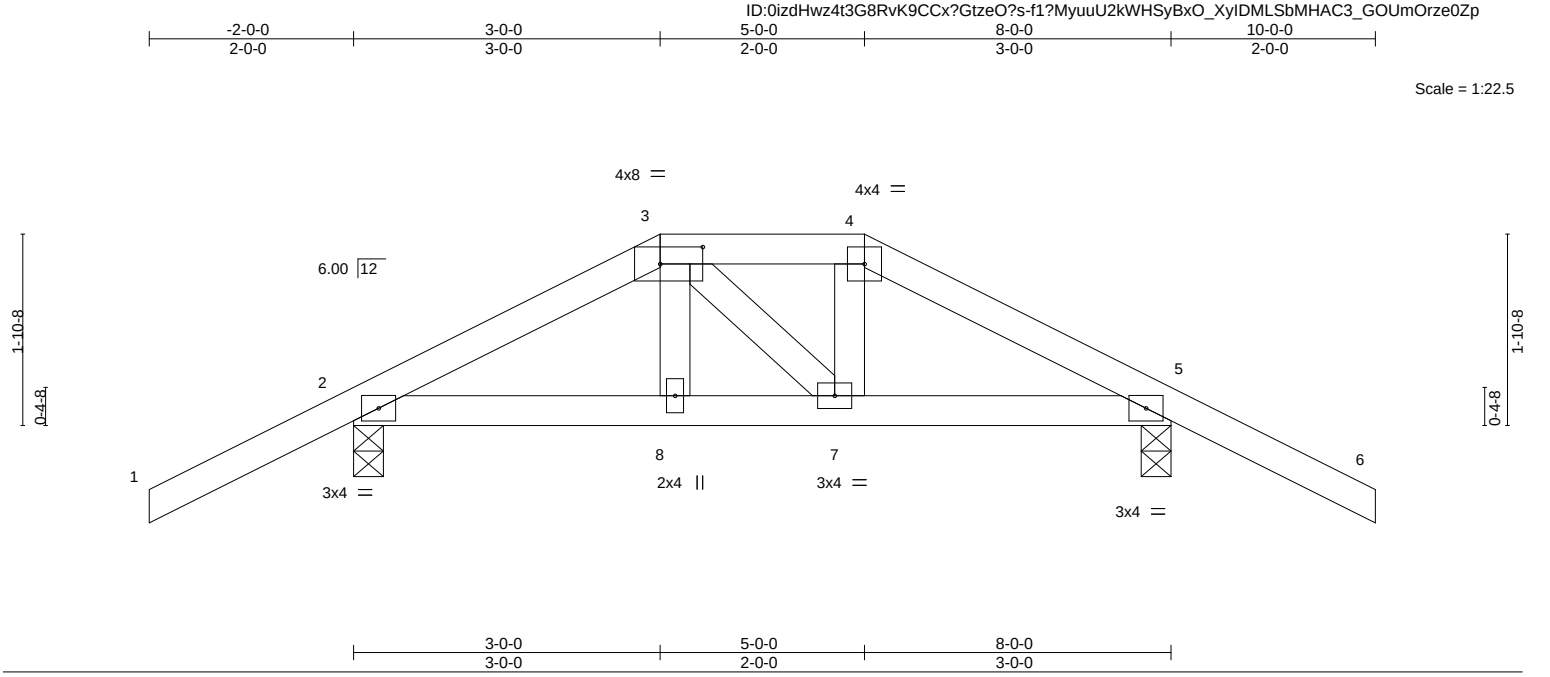


Plate Offsets (X,Y)-- [3:0-5-0,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.27	Vert(LL)	0.01	8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	-0.01	8-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.04	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 39 lb	FT = 20%

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

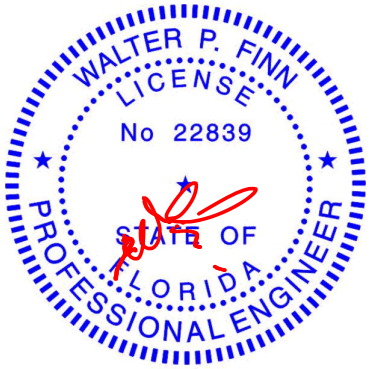
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 5=0-3-8
Max Horz 2=-34(LC 6)
Max Uplift 2=-199(LC 4), 5=-205(LC 5)
Max Grav 2=404(LC 19), 5=404(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-380/271, 3-4=-326/251, 4-5=-396/265
BOT CHORD 2-8=-210/354, 7-8=-215/359, 5-7=-193/363

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); porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=199, 5=205.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 26 lb down and 49 lb up at 3-0-0, and 91 lb down and 77 lb up at 5-0-0 on top chord, and 136 lb down and 82 lb up at 3-0-0, and 136 lb down and 82 lb up at 4-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-54, 4-6=-54, 9-12=-20
Concentrated Loads (lb)
Vert: 3=-3(F) 4=-3(F) 8=3(F) 7=3(F)



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Date:

March 5,2020

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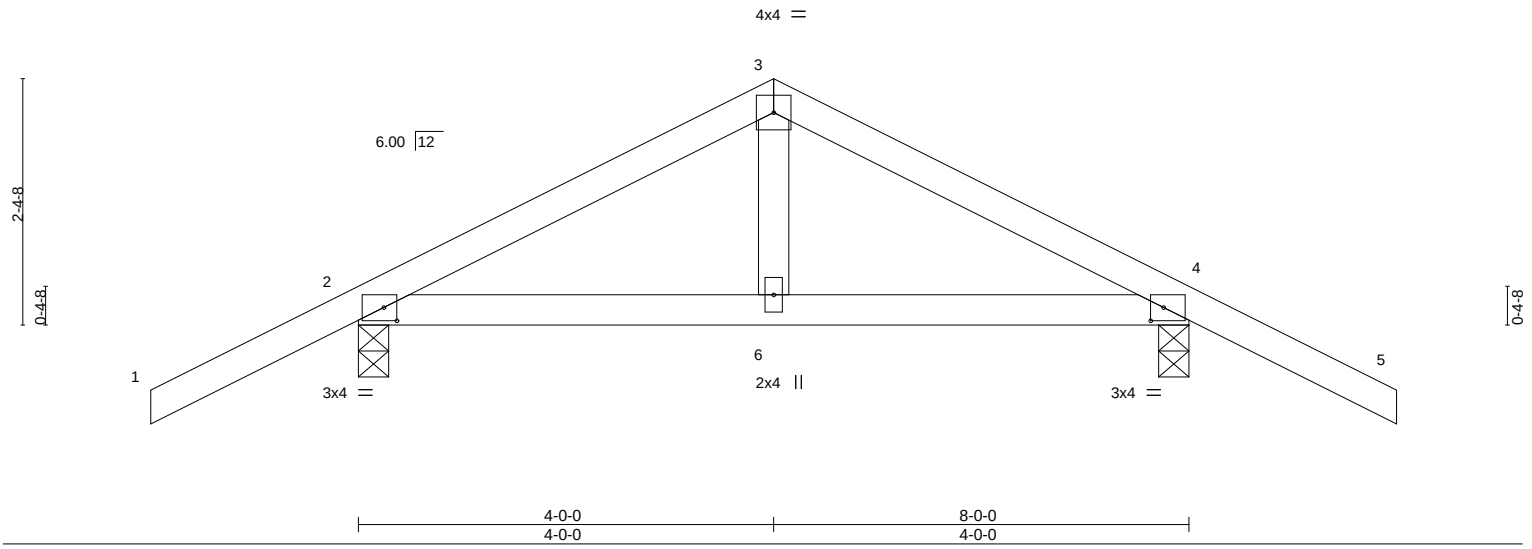
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	BLAKE - ABBATE RES.
2281691	T15	Common	1	1	T19604494
					Job Reference (optional)

Builders FirstSource, Jacksonville, FL - 32244, 8.240 s Feb 7 2020 MiTek Industries, Inc. Thu Mar 5 09:02:35 2020 Page 1
ID:0izdHwz4t3G8RvK9CCx?GtzeO?s-7DZlAEv6p2e836m7yi2BrRuVN_gxvfw8U2DJxHze0Zo

-2-0-0 4-0-0 8-0-0 10-0-0
2-0-0 4-0-0 4-0-0 2-0-0

Scale = 1:22.2



4-0-0 8-0-0
4-0-0 4-0-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	0.02	6-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	-0.01	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 35 lb	FT = 20%

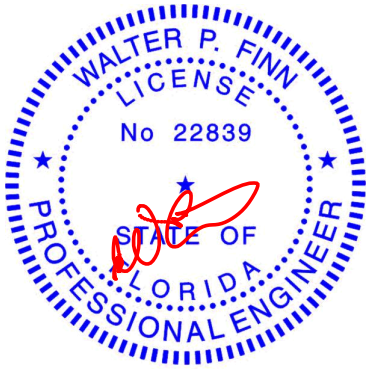
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-3-8, 4=0-3-8
Max Horz 2=-41(LC 10)
Max Uplift 2=-136(LC 8), 4=-136(LC 9)
Max Grav 2=404(LC 1), 4=404(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-337/512, 3-4=-337/512
BOT CHORD 2-6=-316/262, 4-6=-316/262

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) 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
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) 2=136, 4=136.



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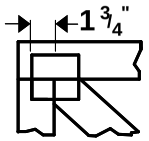
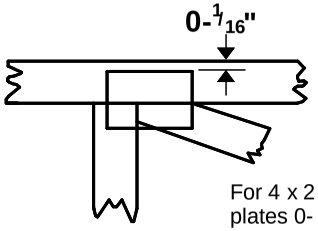
Symbols

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.

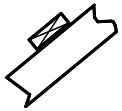
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

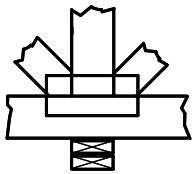
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

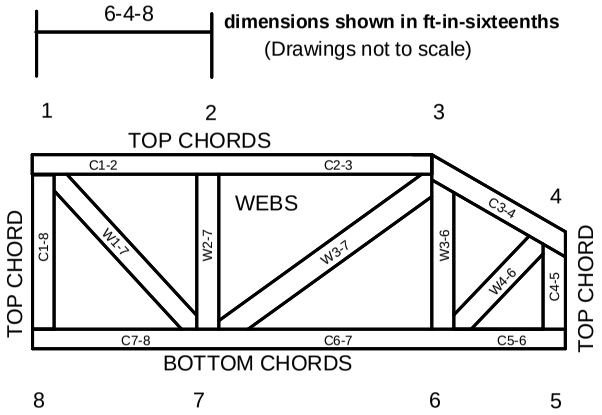


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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. 10/03/2015

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.