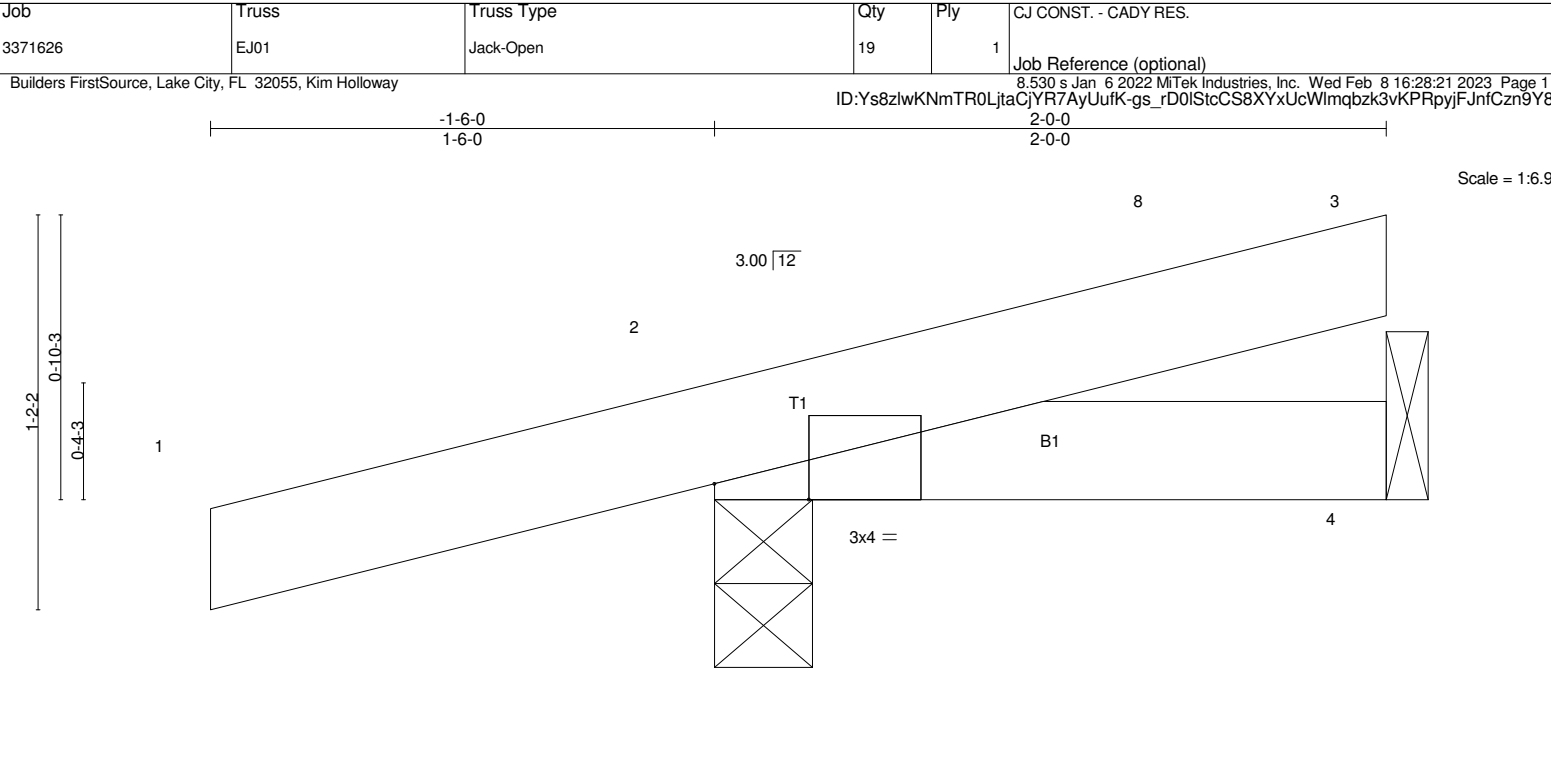




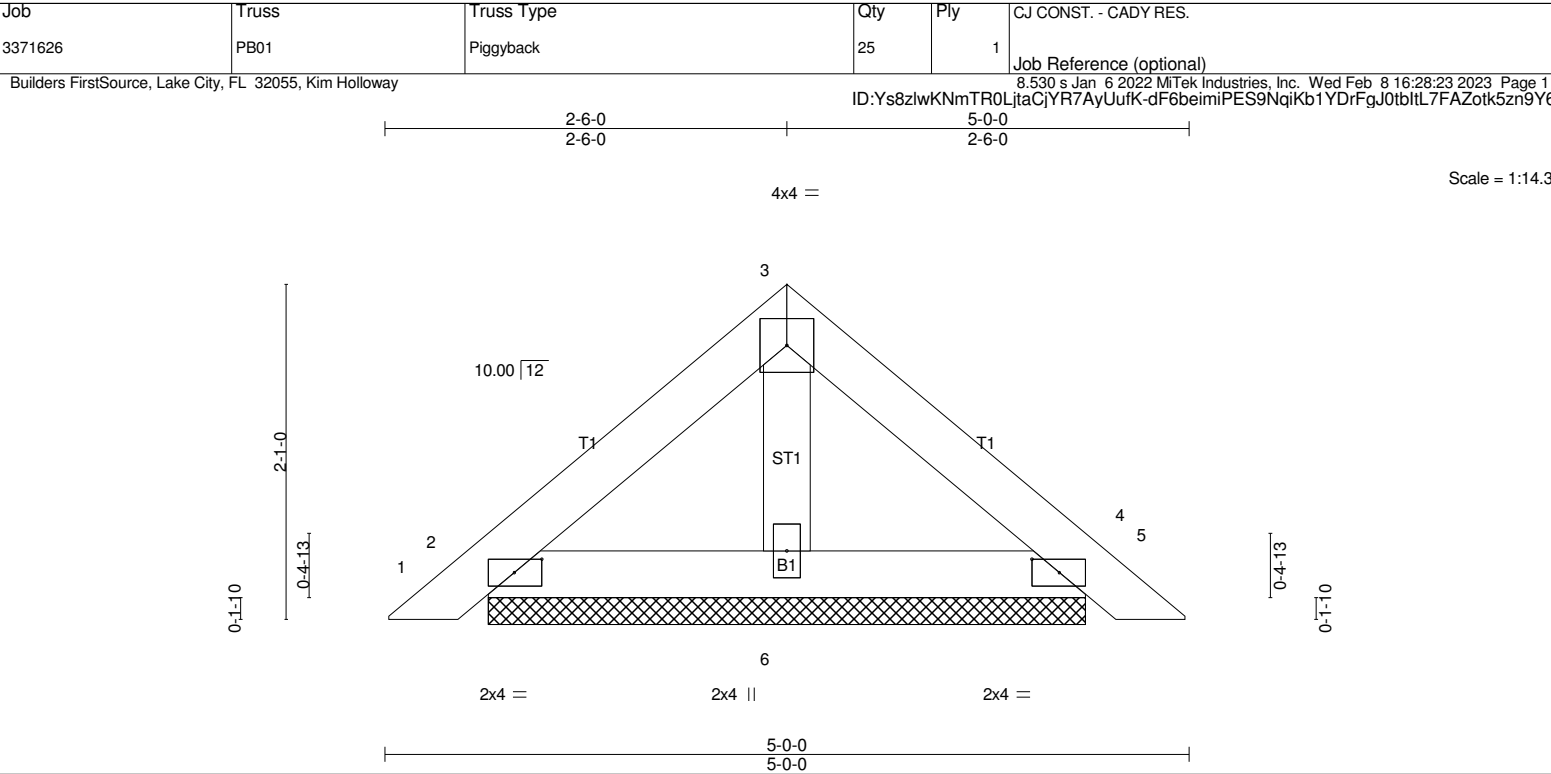


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [4:0-2-1,0-1-0]							
LOADING (psf)	SPACING-		CSI.	DEFL.	in	(loc)	
TCLL 20.0	Plate Grip DOL	2-0-0	TC 0.07	Vert(LL)	0.00	4	n/r
TCDL 7.0	Lumber DOL	1.25	BC 0.04	Vert(CT)	0.00	5	n/r
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.01	Horz(CT)	0.00	4	n/a
BCDL 10.0	Code FBC2020/TPI2014		Matrix-P				
				PLATES	GRIP		
				MT20	244/190		
				Weight: 17 lb	FT = 20%		

LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 OTHERS 2x4 SP No.3	BRACING- TOP CHORD BOT CHORD	Structural wood sheathing directly applied or 5-0-0 oc purlins. Rigid ceiling directly applied or 10-0-0 oc bracing. MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.
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REACTIONS. (lb/size) 2=102/3-8-9, 4=102/3-8-9, 6=115/3-8-9
Max Horz 2=-41(LC 10)
Max Uplift 2=-32(LC 12), 4=-37(LC 13), 6=-4(LC 12)

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 6.
 - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	PB01G	PIGGYBACK	2	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

ID:Ys8zlwKNmTR0LjtaCjYR7AyUufK-5Rg zr2nLAXa0?_HW9l3SNTDVFHxmcoQOPDYRGXzn9Y5

8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:28:24 2023 Page 1

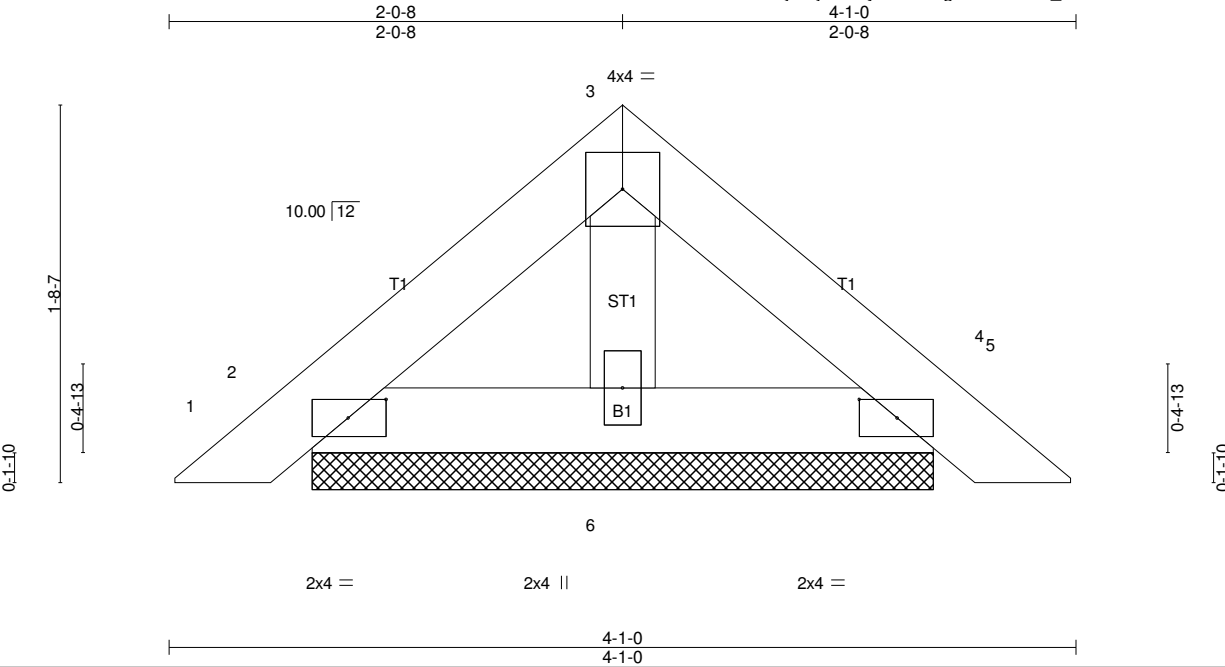


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [4:0-2-1,0-1-0]					
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc) l/defl L/d
TCLL 20.0	Plate Grip DOL	1.25	TC 0.04	Vert(LL)	0.00 4 n/r 120
TCDL 7.0	Lumber DOL	1.25	BC 0.02	Vert(CT)	0.00 4 n/r 120
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.01	Horz(CT)	0.00 4 n/a n/a
BCDL 10.0	Code FBC2020/TPI2014		Matrix-P		
			PLATES		GRIP
			MT20		244/190
			Weight: 13 lb		FT = 20%

LUMBER-	BRACING-	
TOP CHORD 2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-1-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SP No.3		MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=83/2-9-9, 4=83/2-9-9, 6=85/2-9-9
Max Horz 2=-33(LC 10)
Max Uplift 2=-27(LC 12), 4=-31(LC 13), 6=-2(LC 12)

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 6.
 - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	PB02	Piggyback	4	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055, Kim Holloway					

8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:28:26 2023 Page 1
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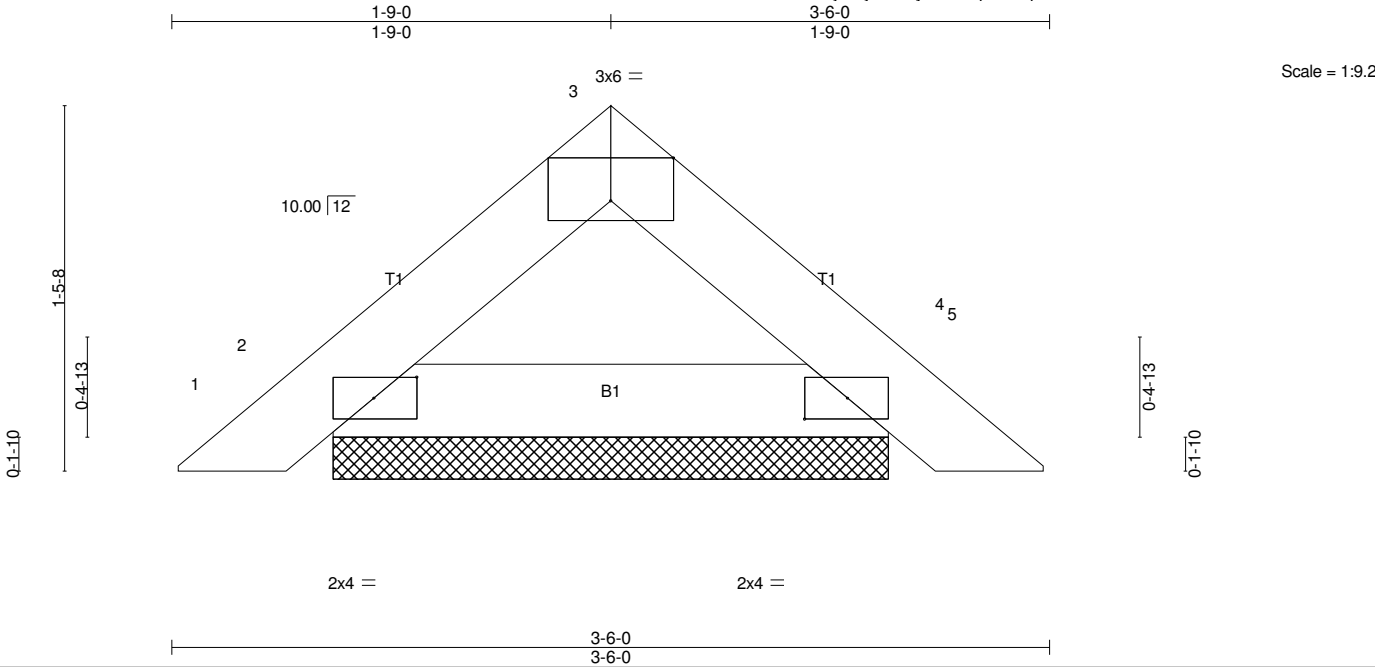


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [3:0-3-0,Edge], [4:0-2-1,0-1-0]					
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc) l/defl L/d
TCLL 20.0	Plate Grip DOL	1.25	TC 0.03	Vert(LL)	0.00 4 n/r 120
TCDL 7.0	Lumber DOL	1.25	BC 0.05	Vert(CT)	0.00 4 n/r 120
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.00 4 n/a n/a
BCDL 10.0	Code FBC2020/TPI2014		Matrix-P		
				PLATES	GRIP
				MT20	244/190
				Weight: 10 lb	FT = 20%

LUMBER-	BRACING-	
TOP CHORD 2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 3-6-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
		MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=104/2-2-9, 4=104/2-2-9
Max Horz 2=-28(LC 10)
Max Uplift 2=-24(LC 12), 4=-24(LC 13)

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
 - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Builders FirstSource, Lake City, FL 32055, Kim Holloway



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. MiTek recommends that Stabilizers and required cross bracing
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FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

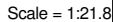
NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101 mph; TCDF=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-2-14 to 3-2-14, Interior(1) 3-2-14 to 4-8-0, Exterior(2R) 4-8-0 to 7-8-0, Interior(1) 7-8-0 to 9-1-2 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 4) Gable requires continuous bottom chord bearing.
- 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) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
- 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.

LOAD CASE(S) Standard

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.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

Job Reference (optional)

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 0.05	Vert(LL) 0.00 6 n/r	120		MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.03	Vert(CT) 0.00 6 n/r	120			
BCLL 0.0 *	Rep Stress Incr YES	WB 0.05	Horz(CT) 0.00 6 n/a	n/a			
BCDL 10.0	Code FBC2020/TPI2014	Matrix-S				Weight: 34 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. MiTek recommends that Stabilizers and required cross bracing
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MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 7-1-9.
(lb) - Max Horz 2=73(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6, 10, 8
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9, 10, 8

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

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCdL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl.; GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-2-14 to 3-2-14, Interior(1) 3-2-14 to 4-2-8, Exterior(2R) 4-2-8 to 7-2-8, Interior(1) 7-2-8 to 8-2-2 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 5) Gable requires continuous bottom chord bearing.
- 6) Gable studs spaced at 2'-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" tall by 2'-0" wide will fit between the bottom chord and any other members.
- 9) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6, 10, 8.
- 11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T01	Attic	4	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055, Kim Holloway					

8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:28:31 2023 Page 1

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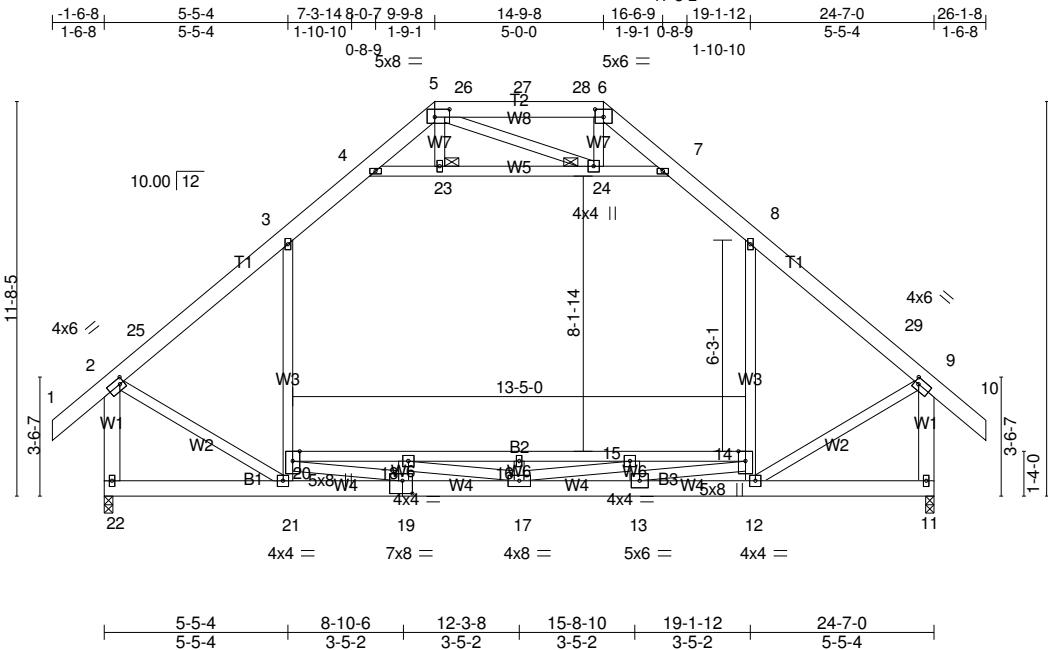


Plate Offsets (X,Y)--	[2:0-1-8,0-2-0], [5:0-5-4,0-2-12], [6:0-3-0,0-2-12], [9:0-1-8,0-2-0], [19:0-3-8,0-4-8]
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LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.80	Vert(LL)	-0.20	16	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.97	Vert(CT)	-0.36	16	>801		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.62	Horz(CT)	0.03	11	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-MS	Attic	-0.13	14-20	1217	Weight: 257 lb	FT = 20%
	Code FBC2020/TPI2014					360		

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-5-2 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD 2x6 SP No.2 *Except* B2: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 3-4-0 oc bracing: 14-20
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2, W4: 2x4 SP No.2	JOINTS 1 Brace at Jt(s): 23, 24
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 22=1391/0-3-0, 11=1391/0-3-0
Max Horz 22=-313(LC 10)
Max Grav 22=1655(LC 2), 11=1655(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-25=-1373/0, 3-25=-1241/0, 3-4=-962/100, 4-5=-288/153, 5-26=-145/280, 26-27=-145/280, 27-28=-145/280, 6-28=-145/280, 6-7=-279/156, 7-8=-962/101, 8-29=-1241/0, 9-29=-1373/0, 2-22=-1637/17, 9-11=-1636/18
BOT CHORD 21-22=-289/350, 19-21=-91/1099, 17-19=0/2994, 13-17=0/2924, 12-13=0/942, 18-20=-2061/0, 16-18=-2903/0, 15-16=-2903/0, 14-15=-2083/0
WEBS 20-21=-346/54, 3-20=0/630, 12-14=-351/58, 8-14=0/628, 4-23=-1136/74, 23-24=-1131/75, 7-24=-1155/76, 2-21=0/1099, 9-12=0/1101, 16-17=-380/0, 18-19=-677/0, 19-20=0/2176, 17-18=-96/922, 13-15=-676/0, 15-17=-111/933, 13-14=0/2195

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-8 to 1-5-8, Interior(1) 1-5-8 to 9-9-8, Exterior(2R) 9-9-8 to 14-0-7, Interior(1) 14-0-7 to 14-9-8, Exterior(2R) 14-9-8 to 19-1-12, Interior(1) 19-1-12 to 26-1-8 zone; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-23, 23-24, 7-24; Wall dead load (5.0psf) on member(s).3-20, 8-14
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 18-20, 16-18, 15-16, 14-15
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T01G	GABLE	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055, Kim Holloway			8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:28:35 2023 Page 1		

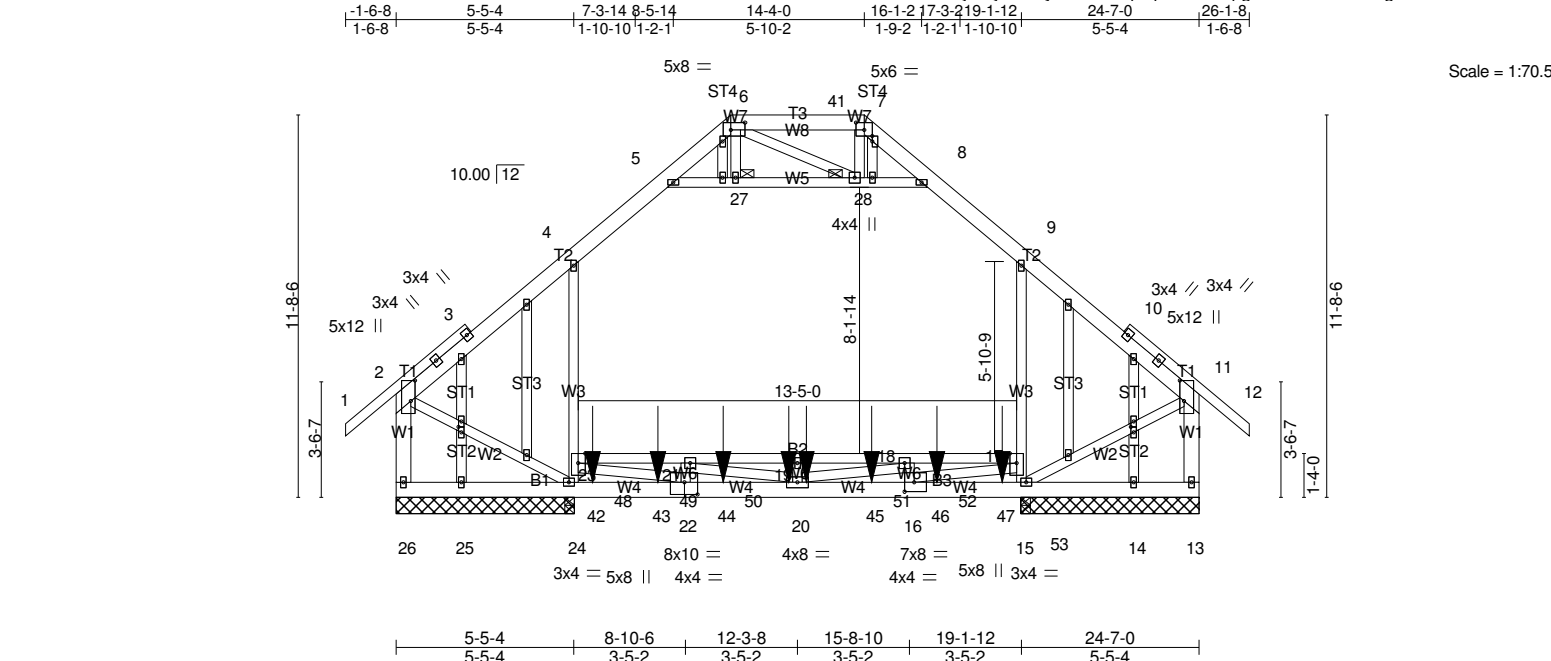


Plate Offsets (X,Y)--	[2:0-7-8,0-1-8], [6:0-5-4,0-2-12], [7:0-3-0,0-2-12], [11:0-7-8,0-1-8], [16:0-3-8,0-3-8], [22:0-4-12,0-4-8], [30:0-1-15,0-1-0], [34:0-2-0,0-0-0], [35:0-1-15,0-1-0]
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LOADING (psf)	SPACING-		CSI.		DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0		TC 0.20		Vert(LL)	-0.13	19	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25		BC 0.89		Vert(CT)	-0.23	19	>723		
BCLL 0.0 *	Lumber DOL 1.25		WB 0.96		Horz(CT)	0.02	13	n/a		
BCDL 10.0	Rep Stress Incr NO		Matrix-MS		Attic	-0.12	17-23	1308	Weight: 286 lb	FT = 20%
	Code FBC2020/TPI2014							360		

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.2 *Except* T1: 2x4 SP No.2	TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals.
BOT CHORD 2x6 SP No.2 *Except* B2: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 3-4-0 oc bracing: 17-23
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2	JOINTS 1 Brace at Jt(s): 2, 6, 7, 11, 27, 28
OTHERS 2x4 SP No.3	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS.	All bearings 5-5-8.
(lb) - Max Horz 26=-306(LC 6)	
Max Uplift	All uplift 100 lb or less at joint(s) 26, 13 except 24=-153(LC 8), 15=-153(LC 9), 14=-205(LC 14), 25=-206(LC 14)
Max Grav	All reactions 250 lb or less at joint(s) 14, 25 except 26=753(LC 1), 24=1402(LC 34), 24=829(LC 1), 15=1395(LC 35), 15=829(LC 1), 13=753(LC 1)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-505/81, 3-4=-436/102, 4-5=-537/114, 5-6=-376/75, 6-41=-283/91, 7-41=-283/91, 7-8=-373/74, 8-9=-537/114, 9-10=-436/95, 10-11=-505/76, 2-26=-678/80, 11-13=-678/74
BOT CHORD	25-26=-282/275, 24-25=-282/275, 24-42=-106/435, 42-43=-106/435, 22-43=-106/435, 22-44=0/2134, 20-44=0/2134, 20-45=0/2128, 16-45=0/2128, 16-46=-64/405, 46-47=-64/405, 15-47=-64/405, 23-48=-1978/0, 48-49=-1978/0, 21-49=-1978/0, 21-50=-2859/0, 19-50=-2859/0, 19-51=-2859/0, 18-51=-2859/0, 18-52=-1997/0, 52-53=-1997/0, 17-53=-1997/0
WEBS	23-24=-1055/95, 4-23=-419/225, 15-17=-1055/96, 9-17=-415/225, 2-24=-94/369, 11-15=-92/369, 19-20=-369/0, 21-22=-697/0, 22-23=0/1998, 20-21=0/892, 16-18=-697/0, 18-20=0/895, 16-17=0/2017

NOTES-	
1) Unbalanced roof live loads have been considered for this design.	
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60	
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.	
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.	
5) Provide adequate drainage to prevent water ponding.	
6) All plates are 2x4 MT20 unless otherwise indicated.	
7) Gable studs spaced at 2-0-0 oc.	
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.	
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.	
10) Ceiling dead load (5.0 psf) on member(s). 4-5, 8-9, 5-27, 27-28, 8-28; Wall dead load (5.0psf) on member(s).4-23, 9-17	
Continued on page 2	

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T01G	GABLE	1	1	Job Reference (optional)

- NOTES-**
- 11) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 21-23, 19-21, 18-19, 17-18
 - 12) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 26, 13 except (jt=lb) 24=153, 15=153, 14=205, 25=206.
 - 14) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - 15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 26 lb down and 23 lb up at 6-0-4, 26 lb down and 23 lb up at 8-0-4, 26 lb down and 23 lb up at 10-0-4, 26 lb down and 23 lb up at 12-0-4, 26 lb down and 23 lb up at 12-6-12, 26 lb down and 23 lb up at 14-6-12, and 26 lb down and 23 lb up at 16-6-12, and 26 lb down and 23 lb up at 18-6-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 16) Attic room checked for L/360 deflection.
 - 17) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

- LOAD CASE(S)** Standard
- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 - Uniform Loads (plf)
 - Vert: 1-2=-54, 2-4=-54, 4-5=-64, 5-6=-54, 6-7=-54, 7-8=-54, 8-9=-64, 9-11=-54, 11-12=-54, 13-26=-20, 17-23=-40, 5-8=-10
 - Drag: 4-23=-10, 9-17=-10
 - Concentrated Loads (lb)
 - Vert: 20=-47(B) 42=-24(B) 43=-24(B) 44=-24(B) 45=-24(B) 46=-24(B) 47=-24(B)

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T02	ATTIC	4	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055, Kim Holloway					8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:28:37 2023 Page 1

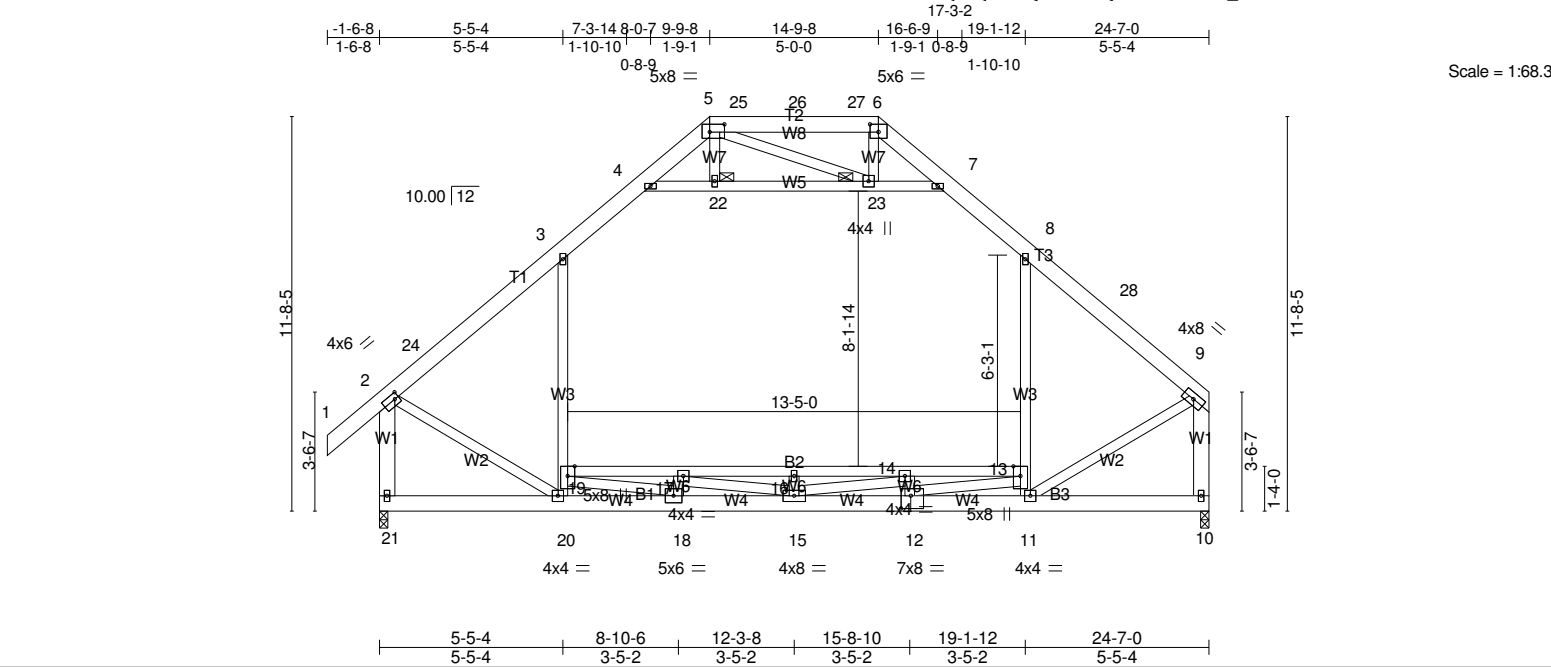


Plate Offsets (X,Y)--	[2:0-1-8,0-2-0], [5:0-5-4,0-2-12], [6:0-3-0,0-2-12], [12:0-3-8,0-4-8]
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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.81	in (loc)	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.96	Vert(LL) -0.20 16 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.62	Vert(CT) -0.36 16 >797 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MS	Horz(CT) 0.03 10 n/a n/a		
	Code FBC2020/TPI2014		Attic -0.13 13-19 1217 360	Weight: 252 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-4-9 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD 2x6 SP No.2 *Except* B2: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 3-4-0 oc bracing: 13-19
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2, W4: 2x4 SP No.2	JOINTS 1 Brace at Jt(s): 22, 23
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size)	21=1394/0-3-0, 10=1292/0-3-0
	Max Horz 21=302(LC 9)
	Max Grav 21=1658(LC 2), 10=1574(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	2-24=-1378/0, 3-24=-1246/0, 3-4=-965/97, 4-5=-286/154, 5-25=-137/285, 25-26=-137/285, 26-27=-137/285, 6-27=-137/285, 6-7=-273/158, 7-8=-966/100, 8-28=-1241/0, 9-28=-1373/0, 2-21=-1643/14, 9-10=-1564/0
BOT CHORD	20-21=-296/327, 18-20=-104/1082, 15-18=0/2970, 12-15=0/2936, 11-12=0/955, 17-19=-2077/0, 16-17=-2905/0, 14-16=-2905/0, 13-14=-2072/0
WEBS	19-20=-339/55, 3-19=0/632, 11-13=-378/70, 8-13=0/615, 4-22=-1148/67, 22-23=-1142/69, 7-23=-1168/74, 2-20=0/1104, 9-11=0/1102, 15-16=-380/0, 17-18=-678/0, 18-19=0/2192, 15-17=-93/938, 12-14=-674/0, 14-15=-116/915, 12-13=0/2180

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-8 to 1-5-8, Interior(1) 1-5-8 to 9-9-8, Exterior(2R) 9-9-8 to 14-0-7, Interior(1) 14-0-7 to 14-9-8, Exterior(2R) 14-9-8 to 19-1-12, Interior(1) 19-1-12 to 24-4-4 zone; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-22, 22-23, 7-23; Wall dead load (5.0psf) on member(s).3-19, 8-13
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 17-19, 16-17, 14-16, 13-14
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - Attic room checked for L/360 deflection.

LOAD CASE(S)	Standard
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Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T03	ATTIC	1	2	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055, Kim Holloway					8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:28:41 2023 Page 1

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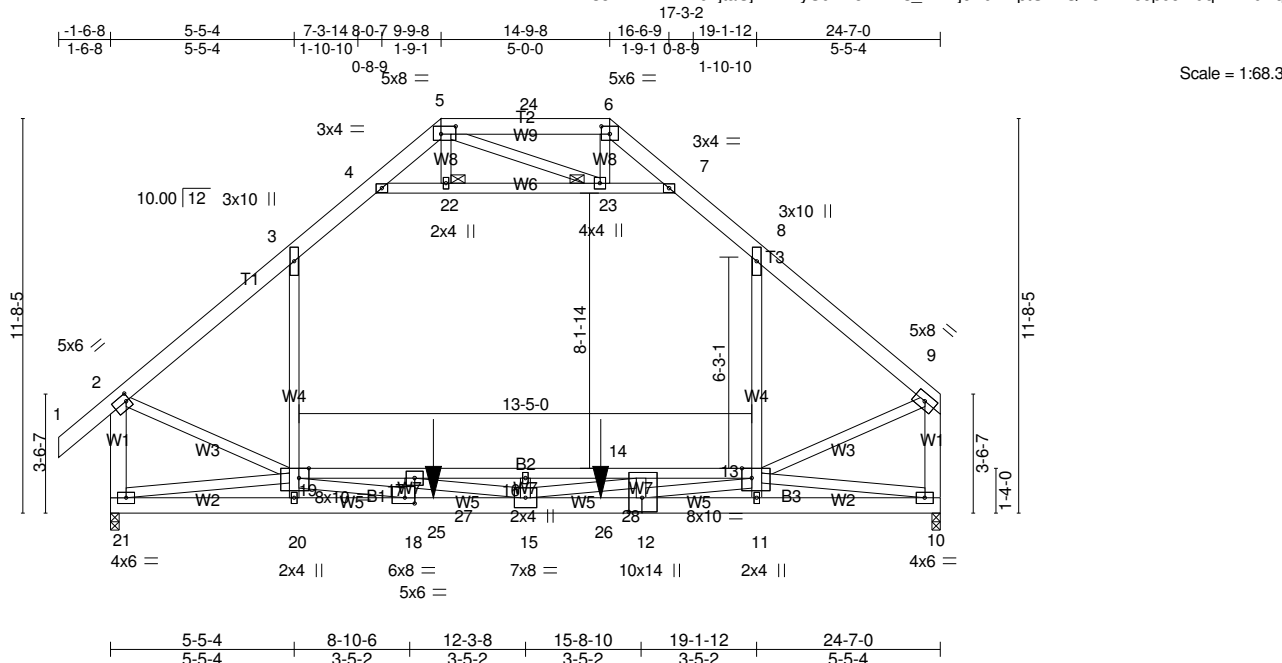


Plate Offsets (X,Y)--	[2:0-1-4,0-2-8], [5:0-5-4,0-2-12], [6:0-3-0,0-2-12], [12:0-5-0,0-4-12], [13:0-3-8,Edge], [18:0-3-8,0-2-0], [19:0-3-8,Edge]
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LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.56	Vert(LL)	-0.33 16-17	>891	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.97	Vert(CT)	-0.50 16-17	>579	180		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.77	Horz(CT)	0.01 10	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014		Matrix-MS	Attic	-0.23 13-19	701	360	Weight: 532 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x6 SP M 26 *Except* T2: 2x6 SP No.2	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.): 5-6.
BOT CHORD 2x6 SP M 26 *Except* B2: 2x4 SP No.2, B3: 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2, W5: 2x4 SP No.1	2-8-0 oc bracing: 13-19 1 Brace at Jt(s): 22, 23

REACTIONS. (lb/size)	21=2786/0-3-0, 10=2640/0-3-0 Max Horz 21=302(LC 27) Max Uplift 21=-528(LC 8), 10=-472(LC 9) Max Grav 21=3845(LC 34), 10=3656(LC 34)
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FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4030/612, 3-4=-2399/423, 4-5=-113/792, 5-24=-191/1324, 6-24=-191/1324, 6-7=-125/875, 7-8=-2438/426, 8-9=-4097/601, 2-21=-4146/600, 9-10=-4114/584
BOT CHORD 20-21=-1717/880, 18-20=-1862/908, 18-25=-1406/7672, 15-25=-1406/7672, 15-26=-1095/6721, 12-26=-1095/6721, 11-12=-2193/817, 10-11=-2044/788, 17-19=-4716/983, 17-27=-8653/1397, 16-27=-8653/1397, 16-28=-8653/1397, 14-28=-8653/1397, 13-14=-3924/851
WEBS 19-20=-67/550, 3-19=-449/2501, 11-13=-41/458, 8-13=-440/2435, 4-22=-4065/716, 22-23=-4054/717, 7-23=-4215/734, 2-19=-403/2871, 9-13=-426/3003, 15-16=-1429/105, 17-18=-1922/215, 18-19=-1620/9267, 15-17=-852/4370, 12-14=-2000/250, 14-15=-1049/5152, 12-13=-1584/9148, 19-21=-643/1736, 10-13=-818/2199

- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - 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.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-22, 22-23, 7-23; Wall dead load (5.0psf) on member(s).3-19, 8-13
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 17-19, 16-17, 14-16, 13-14

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T03	ATTIC	1	2	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:28:41 2023 Page 2
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NOTES-

11) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.

12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 21=528, 10=472.

13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 547 lb down and 324 lb up at 9-6-12, and 559 lb down and 319 lb up at 14-6-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

15) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-2=-54, 2-3=-54, 3-4=-64, 4-5=-54, 5-6=-54, 6-7=-54, 7-8=-64, 8-9=-54, 21-25=-20, 25-26=-195, 10-26=-20, 19-27=-40, 27-28=-215, 13-28=-40, 4-7=-10

Drag: 3-19=-10, 8-13=-10

Concentrated Loads (lb)

Vert: 25=-472(F) 26=-533(F)

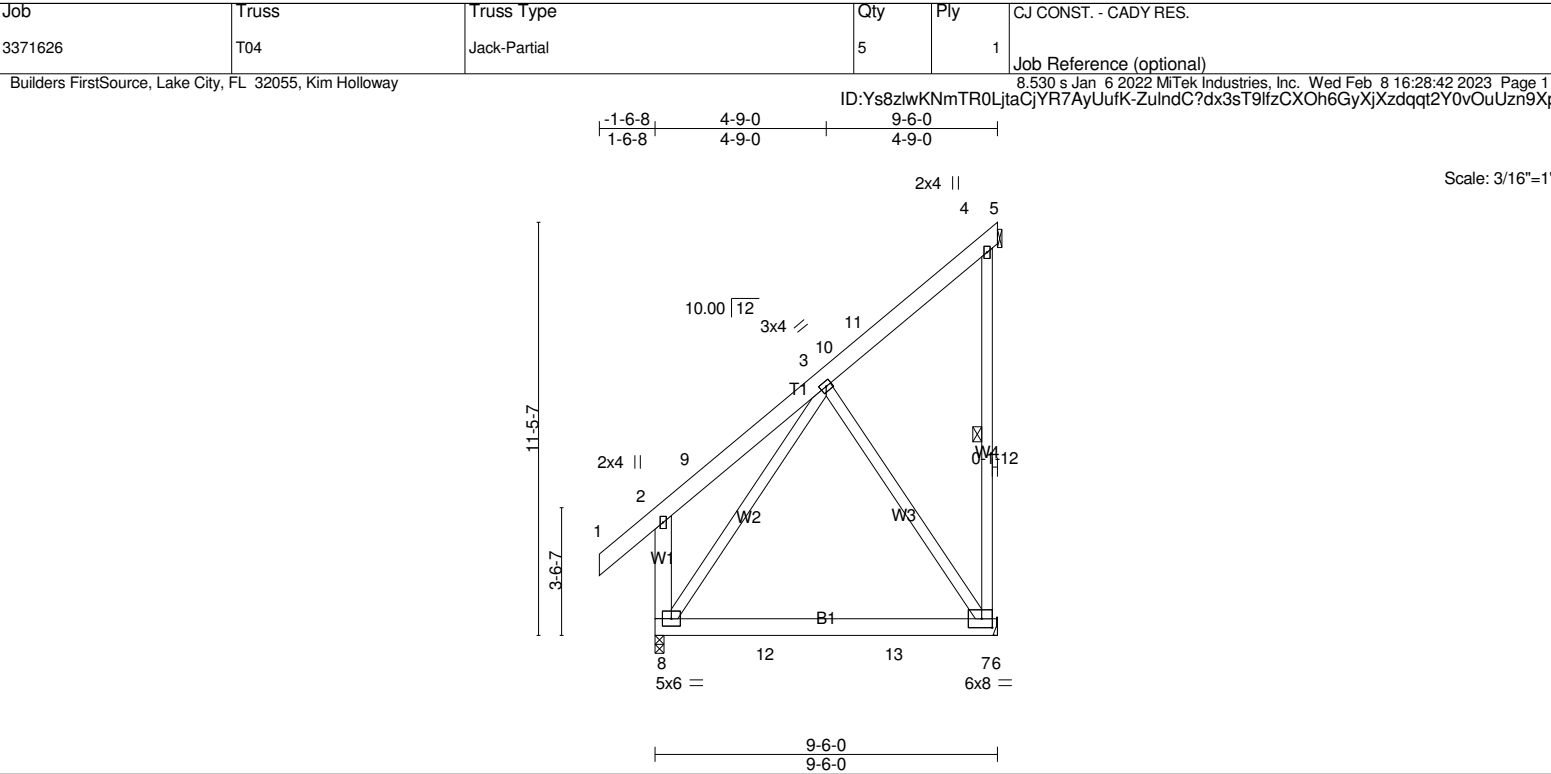


Plate Offsets (X,Y)-- [7:0-3-8,0-3-0]

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 0.23	Vert(LL)	-0.12	7-8	>895	240	MT20
TCDL 7.0	Lumber DOL	1.25	BC 0.49	Vert(CT)	-0.20	7-8	>551	180	244/190
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.46	Horz(CT)	-0.01	5	n/a	n/a	
BCDL 10.0	Code FBC2020/TPI2014		Matrix-MS						

Weight: 102 lb FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2

BOT CHORD 2x6 SP No.2

WEBS 2x4 SP No.3 *Except*

W1: 2x6 SP No.2

BRACING-

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

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

WEBS 1 Row at midpt 4-7

REACTIONS.

(lb/size) 5=-3/Mechanical, 8=437/0-3-0, 7=344/Mechanical

Max Horz 8=240(LC 12)

Max Uplift 5=-7(LC 12), 7=-234(LC 12)

Max Grav 5=2(LC 10), 8=467(LC 2), 7=506(LC 19)

FORCES.

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

TOP CHORD 2-8=-306/222

WEBS 3-8=-369/199, 3-7=-251/358

NOTES-

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-8 to 1-5-8, Interior(1) 1-5-8 to 9-5-4 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.

3) This truss is not designed to support a ceiling and is not intended for use where aesthetics are a consideration.

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) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.

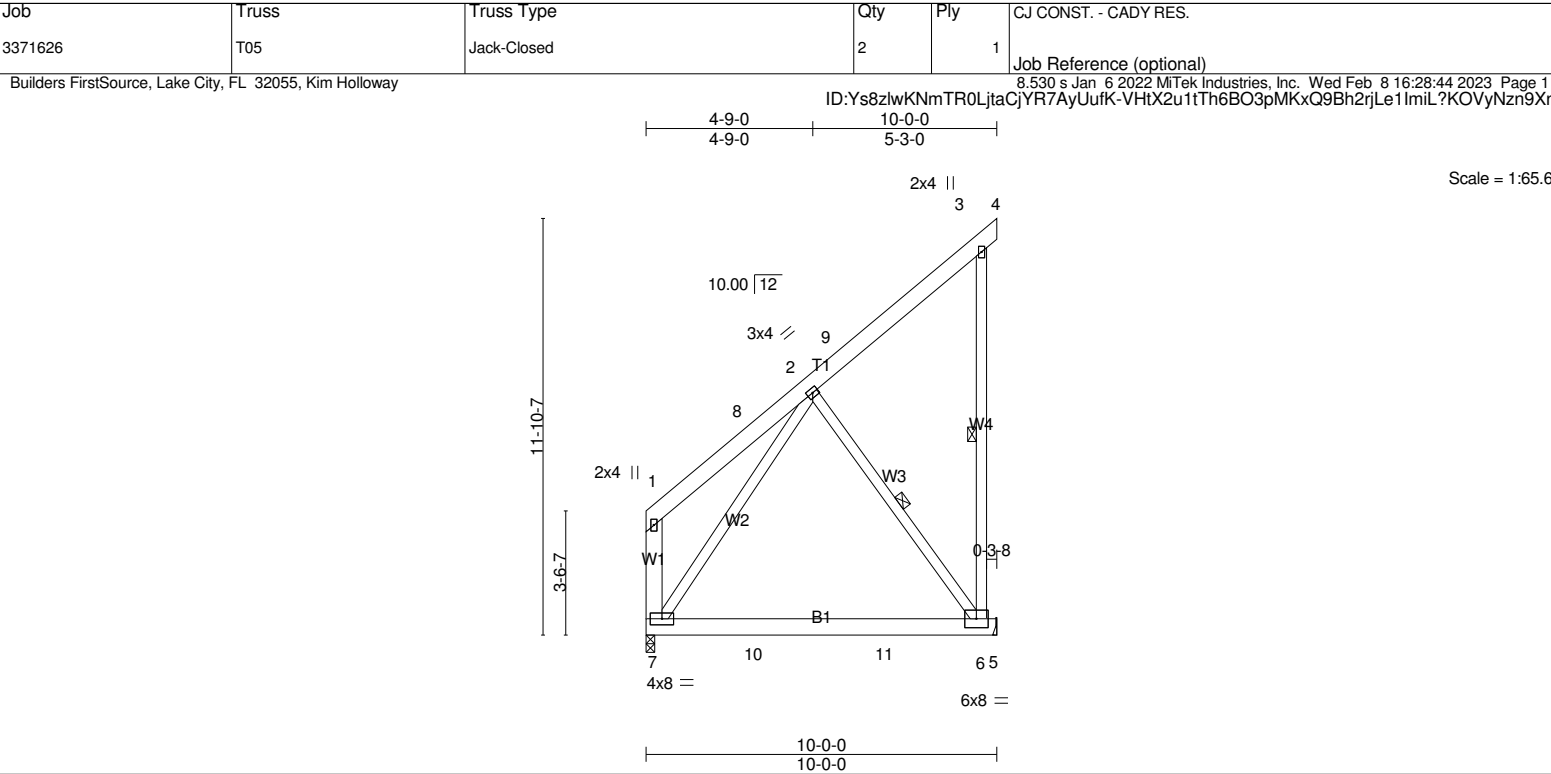
7) Refer to girder(s) for truss to truss connections.

8) Refer to girder(s) for truss to truss connections.

9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 7=234.

LOAD CASE(S)

Standard



LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.33	Vert(LL) -0.15 6-7 >758 240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.56	Vert(CT) -0.26 6-7 >453 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.31	Horz(CT) -0.00 5 n/a n/a		
BCDL 10.0	Code FBC2020/TPI2014	Matrix-MS			
				Weight: 100 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3 *Except* W1: 2x6 SP No.2	WEBS 1 Row at midpt 3-6, 2-6
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 5=363/Mechanical, 7=359/0-3-0
Max Horz 7=241(LC 12)
Max Uplift 5=-233(LC 12)
Max Grav 5=512(LC 19), 7=423(LC 20)
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-6=-254/326

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-2-12 to 3-2-12, Interior(1) 3-2-12 to 10-0-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 3) 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) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - 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) 5=233.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T06	Piggyback Base	9	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:28:46 2023 Page 1

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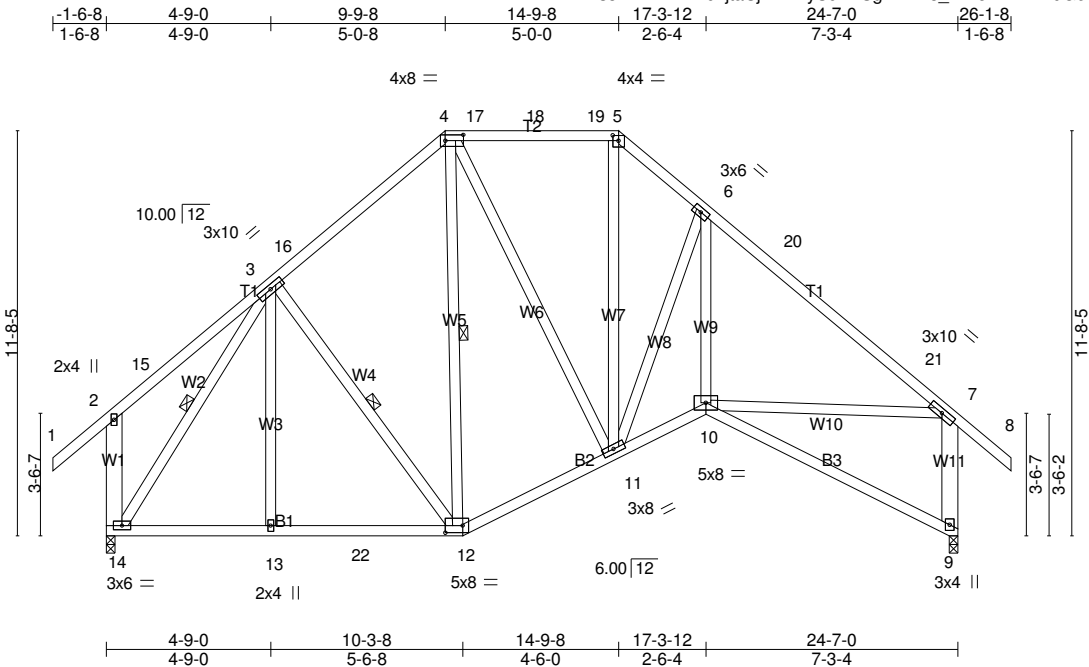


Plate Offsets (X,Y)--	[4:0-6-4,0-2-0], [5:0-2-0,0-1-13], [12:0-6-0,0-2-8]
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LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.49	Vert(LL)	-0.10	9-10	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.43	Vert(CT)	-0.21	9-10	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.78	Horz(CT)	0.07	9	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014		Matrix-MS						Weight: 215 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-11-10 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD 2x4 SP No.2	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3 *Except*	1 Row at midpt 3-12, 4-12, 3-14
W1,W11: 2x6 SP No.2	
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 14=988/0-3-0, 9=988/0-3-0
Max Horz 14=-318(LC 10)
Max Uplift14=-203(LC 12), 9=-203(LC 13)
Max Grav 14=1059(LC 2), 9=1040(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-16=-717/215, 4-16=-643/240, 4-17=-609/228, 17-18=-609/228, 18-19=-609/228, 5-19=-609/228, 5-6=-849/292, 6-20=-1075/236, 20-21=-1118/218, 7-21=-1225/202, 2-14=-261/159, 7-9=-945/259
BOT CHORD 13-14=-208/670, 13-22=-208/670, 12-22=-208/670, 11-12=-166/676, 10-11=-124/1042
WEBS 4-11=-35/282, 5-11=-138/414, 6-11=-725/250, 6-10=-26/677, 3-14=-967/91, 7-10=-107/840, 3-13=0/273

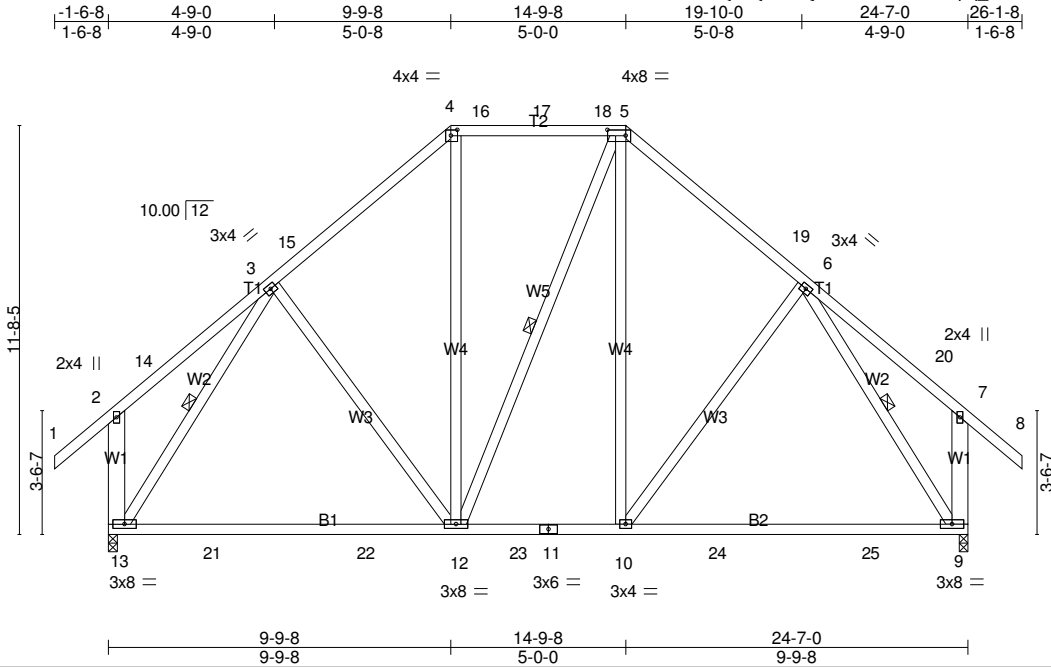
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-8 to 1-5-8, Interior(1) 1-5-8 to 9-9-8, Exterior(2R) 9-9-8 to 14-0-7, Interior(1) 14-0-7 to 14-9-8, Exterior(2R) 14-9-8 to 19-0-7, Interior(1) 19-0-7 to 26-1-8 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 14=203, 9=203.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T07	Piggyback Base	2	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055, Kim Holloway					

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ID:Ys8zlwKNmTR0LjtaCjYR7AyUufK-odoBWH6Gpq_Bk8riEv2oz9q2Z9zNRxTNcwaMiTzn9Xg



Scale = 1:65.9

Plate Offsets (X,Y)-- [4:0-2-4,0-2-0], [5:0-6-4,0-2-0]					
LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.29	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.77	Vert(LL) -0.36 9-10 >802 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.31	Vert(CT) -0.58 9-10 >500 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MS	Horz(CT) 0.02 9 n/a n/a		
	Code FBC2020/TPI2014			Weight: 203 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD 2x4 SP No.1	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3 *Except*	1 Row at midpt 5-12, 3-13, 6-9
W1: 2x6 SP No.2	
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 13=988/0-3-0, 9=988/0-3-0
Max Horz 13=318(LC 11)
Max Uplift13=-203(LC 12), 9=-203(LC 13)
Max Grav 13=1118(LC 2), 9=1121(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-15=-794/212, 4-15=-719/237, 4-16=-553/238, 16-17=-553/238, 17-18=-553/238, 5-18=-553/238, 5-19=-722/237, 6-19=-798/212, 2-13=-303/147, 7-9=-303/147
BOT CHORD 13-21=-216/646, 21-22=-216/646, 12-22=-216/646, 12-23=-96/604, 11-23=-96/604, 10-11=-96/604, 10-24=-70/520, 24-25=-70/520, 9-25=-70/520
WEBS 4-12=-84/288, 5-10=-95/338, 3-13=-827/122, 6-9=-831/122

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-8 to 1-5-8, Interior(1) 1-5-8 to 9-9-8, Exterior(2R) 9-9-8 to 14-0-7, Interior(1) 14-0-7 to 14-9-8, Exterior(2R) 14-9-8 to 19-0-7, Interior(1) 19-0-7 to 26-1-8 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=203, 9=203.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T09	MONOPITCH GIRDER	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055, Kim Holloway					

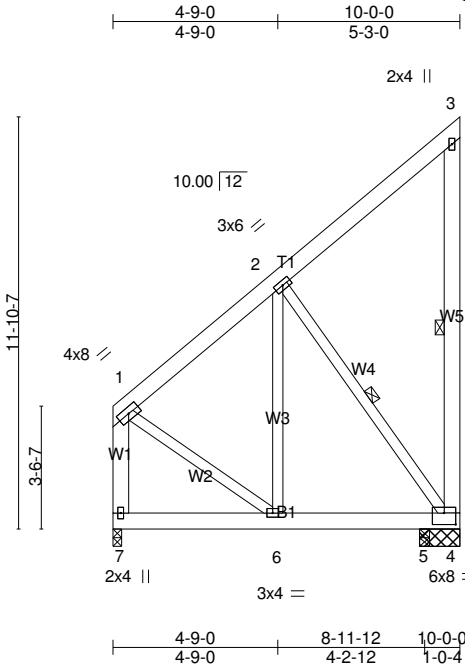


Plate Offsets (X,Y)-- [4:0-4-0,0-4-0]					
LOADING (psf)	SPACING-	4-0-0	CSI.	DEFL.	in (loc) l/defl L/d
TCLL 20.0	Plate Grip DOL	1.25	TC 0.27	Vert(LL)	-0.01 6-7 >999 240
TCDL 7.0	Lumber DOL	1.25	BC 0.16	Vert(CT)	-0.02 6-7 >999 180
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.22	Horz(CT)	-0.00 4 n/a n/a
BCDL 10.0	Code FBC2020/TPI2014		Matrix-MS		
Weight: 116 lb FT = 20%					

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.2	TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals
BOT CHORD 2x6 SP No.2	(Switched from sheeted: Spacing > 2-0-0).
WEBS 2x4 SP No.3 *Except*	Rigid ceiling directly applied or 9-5-7 oc bracing.
W5,W1: 2x6 SP No.2	1 Row at midpt 3-4, 2-4

REACTIONS.	(lb/size) 7=691/0-3-0, 4=535/1-2-0, 5=186/0-3-8
	Max Horz 7=547(LC 12)
	Max Uplift 4=635(LC 12)
	Max Grav 7=691(LC 1), 4=638(LC 19), 5=340(LC 3)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-2=-487/0, 1-7=-602/0
BOT CHORD	6-7=-615/392, 5-6=-346/364, 4-5=-346/364
WEBS	2-6=-119/255, 2-4=-613/583, 1-6=-35/391

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-2-12 to 3-2-12, Interior(1) 3-2-12 to 9-9-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 3) 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) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=635.
 - 7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

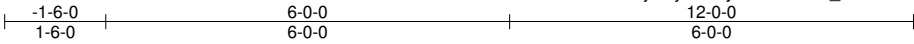
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T10	Common	5	1	

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4x4 =

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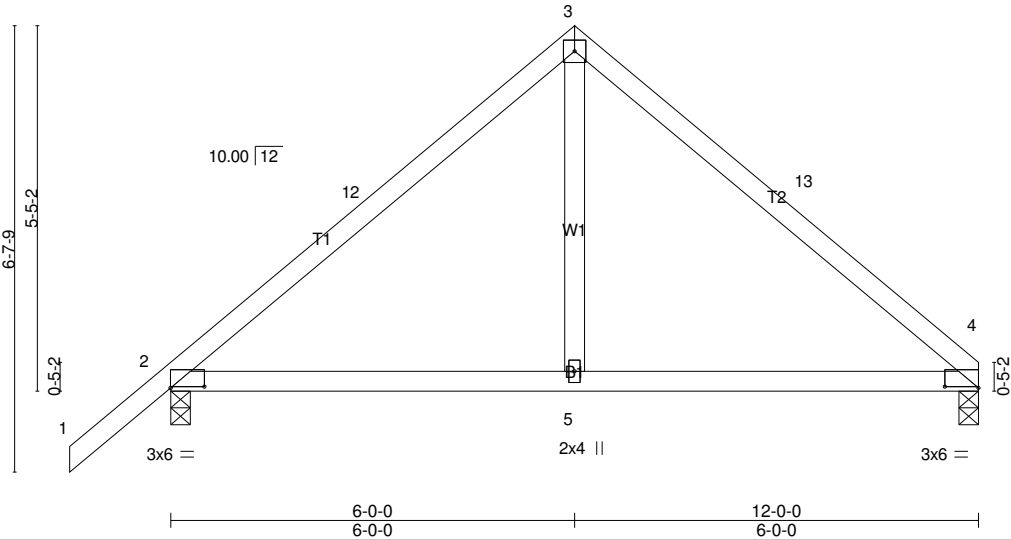


Plate Offsets (X,Y)--	[2:0-6-0,0-0-3], [4:0-6-0,0-0-4]
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LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.40	Vert(LL)	0.06	5-8	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.36	Vert(CT)	-0.08	5-8	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.11	Horz(CT)	0.00	4	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014		Matrix-MS						Weight: 52 lb	FT = 20%

LUMBER-	BRACING-	
TOP CHORD 2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3		MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 4=439/0-3-8, 2=530/0-3-8
Max Horz 2=128(LC 9)
Max Uplift 4=-80(LC 13), 2=-117(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-489/147, 3-12=-391/163, 3-13=-391/166, 4-13=-486/150
BOT CHORD 2-5=-28/303, 4-5=-28/303
WEBS 3-5=-21/280

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-0-0, Exterior(2R) 6-0-0 to 9-0-0, Interior(1) 9-0-0 to 12-0-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=117.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T10G	Common Supported Gable	1	1	Job Reference (optional)

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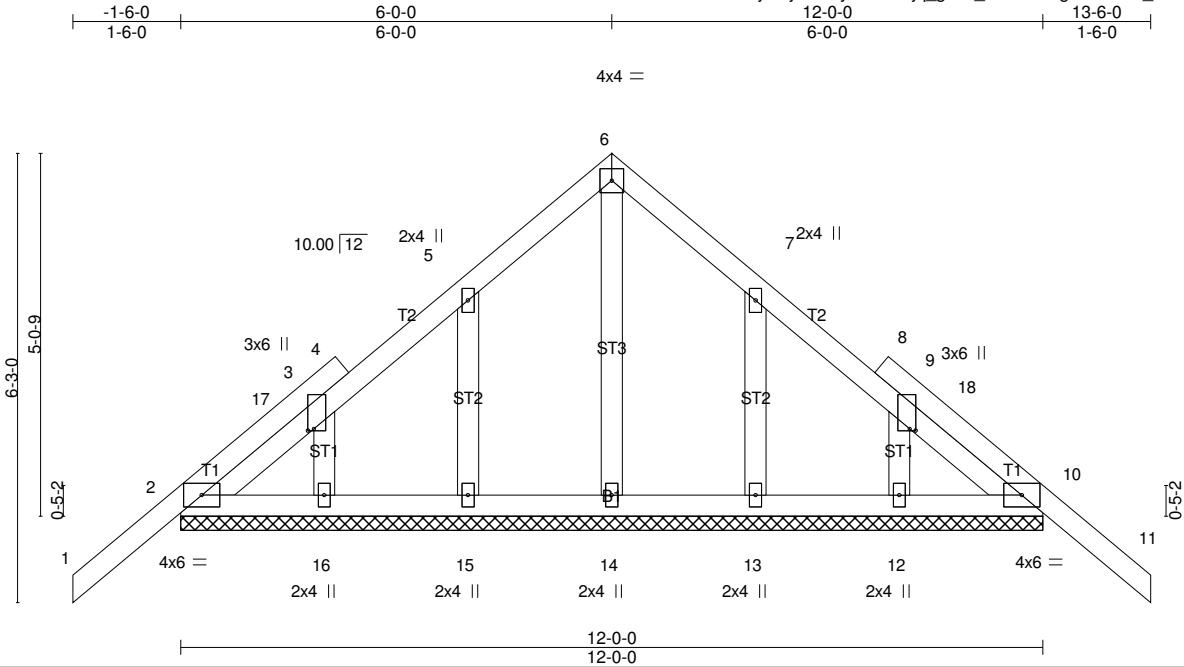


Plate Offsets (X,Y)-- [3:0-0-5,0-1-0], [9:0-0-5,0-1-0]					
LOADING (psf)	SPACING-	2'-0'-0	CSI.	DEFL.	in (loc)
TCLL 20.0	Plate Grip DOL	1.25	TC 0.20	Vert(LL)	-0.01 11 n/r 120
TCDL 7.0	Lumber DOL	1.25	BC 0.05	Vert(CT)	-0.01 11 n/r 120
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.04	Horz(CT)	0.00 10 n/a n/a
BCDL 10.0	Code FBC2020/TPI2014		Matrix-S		
				PLATES	GRIP
				MT20	244/190
				Weight: 73 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD 2'-0'-0 oc purlins (6'-0'-0 max.).
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10'-0'-0 oc bracing.
OTHERS 2x4 SP No.3	
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 12'-0'-0.

(lb) - Max Horz 2=129(LC 11)

Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 15, 16, 13, 12

Max Grav All reactions 250 lb or less at joint(s) 2, 10, 14, 15, 16, 13, 12

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Corner(3E) -1'-6'-0 to 1'-6'-0, Exterior(2N) 1'-6'-0 to 6'-0'-0, Corner(3R) 6'-0'-0 to 9'-0'-0, Exterior(2N) 9'-0'-0 to 13'-6'-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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.
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2'-0'-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 15, 16, 13, 12.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T11	Common Girder	1	1	

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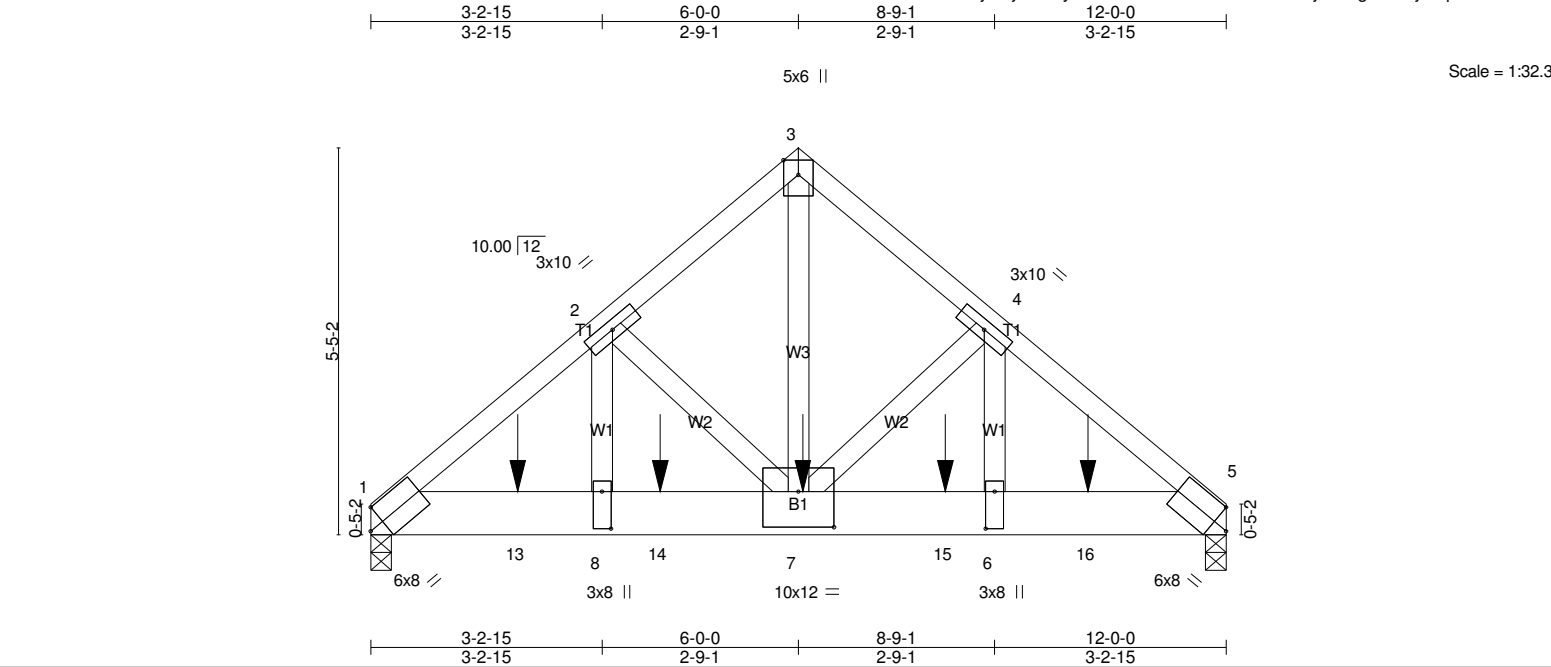


Plate Offsets (X,Y)-- [1:Edge,0-3-2], [5:Edge,0-3-2], [6:0-6-4,0-1-8], [7:0-6-0,0-6-0], [8:0-6-4,0-1-8]					
LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.46	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.42	Vert(LL) -0.08 7 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.94	Vert(CT) -0.13 7 >999 180		
BCDL 10.0	Rep Stress Incr NO	Matrix-MS	Horz(CT) 0.03 5 n/a n/a		
	Code FBC2020/TPI2014			Weight: 84 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD
BOT CHORD 2x8 SP 2400F 2.0E	BOT CHORD
WEBS 2x4 SP No.3 *Except*	
W3: 2x4 SP No.2	
	Structural wood sheathing directly applied or 2-5-9 oc purlins.
	Rigid ceiling directly applied or 10-0-0 oc bracing.
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=3145/0-3-8 (req. 0-4-3), 5=3191/0-3-8 (req. 0-4-4)

Max Horz 1=-110(LC 23)

Max Uplift 1=-673(LC 8), 5=-683(LC 9)

Max Grav 1=3531(LC 2), 5=3584(LC 2)

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

TOP CHORD 1-2=-4710/905, 2-3=-3395/698, 3-4=-3396/699, 4-5=-4707/906

BOT CHORD 1-13=-710/3596, 8-13=-710/3596, 8-14=-710/3596, 7-14=-710/3596, 7-15=-659/3595, 6-15=-659/3595, 6-16=-659/3595, 5-16=-659/3595

WEBS 3-7=-822/4155, 4-7=-1386/348, 4-6=-308/1696, 2-7=-1387/348, 2-8=-309/1700

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - WARNING:** Required bearing size at joint(s) 1, 5 greater than input bearing size.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=673, 5=683.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1269 lb down and 252 lb up at 2-0-12, 1269 lb down and 252 lb up at 4-0-12, 1269 lb down and 252 lb up at 6-0-12, and 1269 lb down and 252 lb up at 8-0-12, and 1269 lb down and 252 lb up at 10-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 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

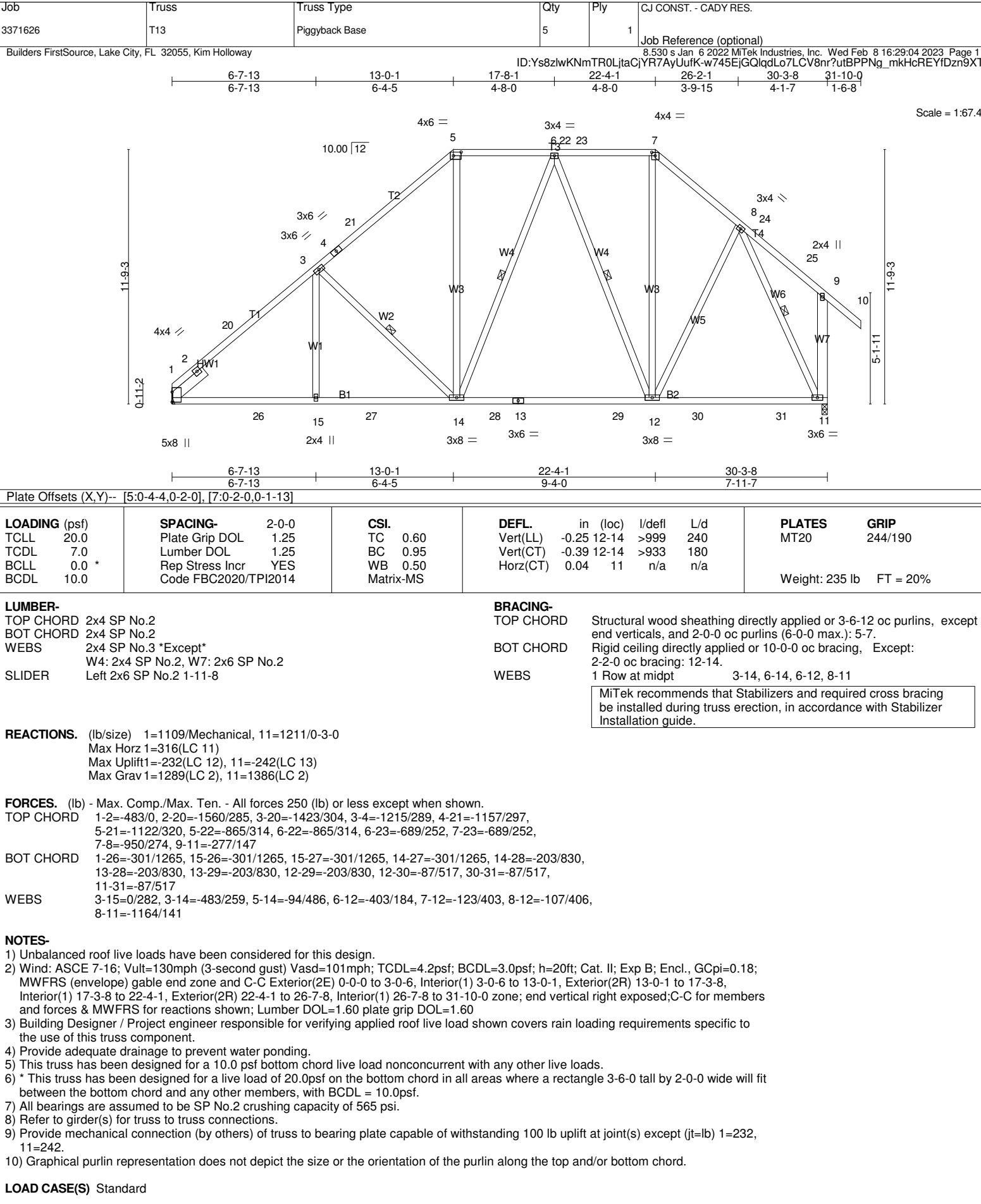
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-54, 3-5=-54, 1-5=-20

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T11	Common Girder	1	1	Job Reference (optional)

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 7=-1089(F) 13=-1089(F) 14=-1089(F) 15=-1089(F) 16=-1089(F)



Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T13G	GABLE	1	1	

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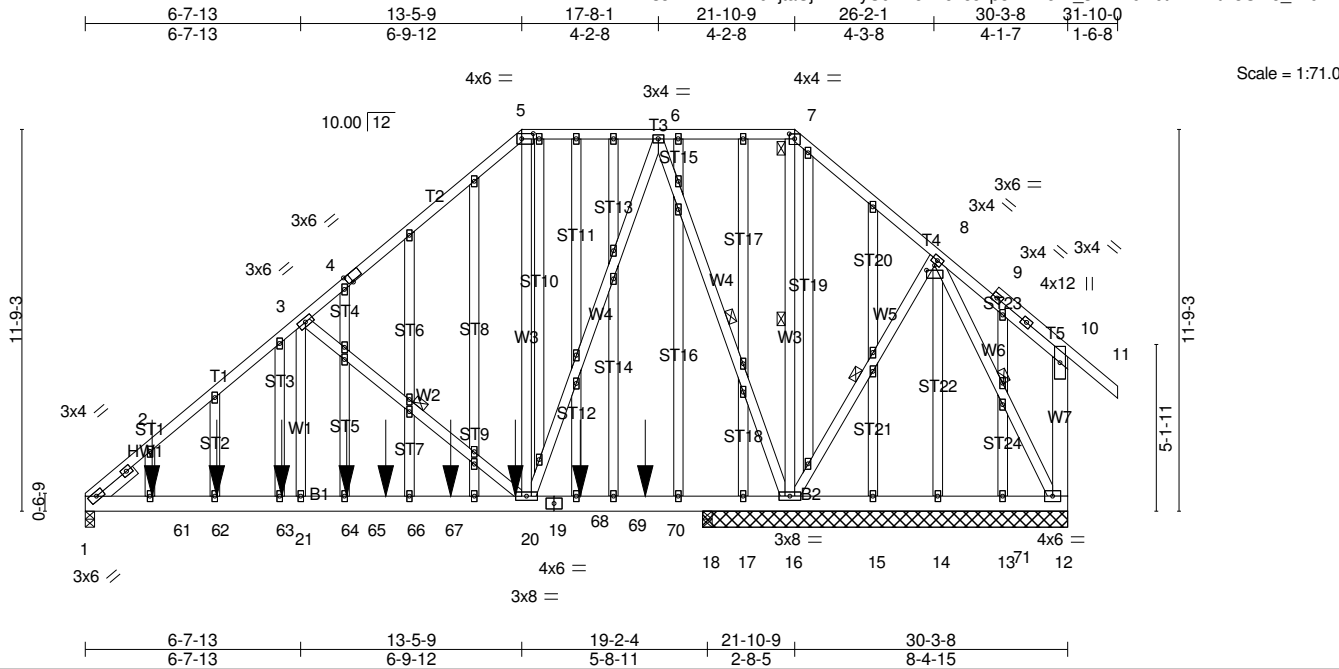


Plate Offsets (X,Y)-- [4:0-1-12,Edge], [5:0-4-4,0-2-0], [7:0-2-0,0-1-14], [8:0-3-0,0-1-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.55	in (loc)	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.32	Vert(LL) -0.04 20-21 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.64	Vert(CT) -0.07 20-21 >999 180		
BCDL 10.0	Rep Stress Incr NO	Matrix-MS	Horz(CT) 0.01 16 n/a n/a		
	Code FBC2020/TPI2014			Weight: 436 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD 2-0-0 oc purlins (5-3-6 max.), except end verticals.
BOT CHORD 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3 *Except*	WEBS 1 Row at midpt 3-20, 6-16, 7-16, 8-16, 8-12
W7: 2x6 SP No.2	
OTHERS 2x4 SP No.3	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.
SLIDER Left 2x4 SP No.3 1-5-5	

REACTIONS. All bearings 11-3-0 except (jt=length) 1=0-3-8, 18=0-3-8.
(lb) - Max Horz 1=313(LC 26)
Max Uplift All uplift 100 lb or less at joint(s) 13, 18 except 1=254(LC 8), 16=371(LC 9), 12=108(LC 28), 17=182(LC 21)
Max Grav All reactions 250 lb or less at joint(s) 13, 14, 15, 17 except 1=908(LC 21), 16=1241(LC 2), 12=266(LC 20), 18=382(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=602/102, 2-3=-1077/329, 3-4=-592/225, 4-5=-482/259, 5-6=-369/273
BOT CHORD 1-61=-343/920, 61-62=-343/920, 62-63=-343/920, 21-63=-343/920, 21-64=-343/920, 64-65=-343/920, 65-66=-343/920, 66-67=-343/920, 67-68=-343/920, 20-68=-343/920
WEBS 3-21=-68/368, 3-20=-620/335, 6-20=-228/660, 6-16=-789/294, 7-16=-281/64

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
10) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 13, 18 except (jt=lb) 1=254, 16=371, 12=108, 17=182.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 24 lb down and 23 lb up at 2-0-12, 24 lb down and 23 lb up at 4-0-12, 24 lb down and 23 lb up at 6-0-12, 24 lb down and 23 lb up at 8-0-12, 24 lb down and 23 lb up at 9-3-4, 24 lb down and 23 lb up at 11-3-4, 24 lb down and 23 lb up at 13-3-4, and 24 lb down and 23 lb up at 15-3-4, and 24 lb down and 23 lb up at 17-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
Continued on page 2

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T13G	GABLE	1	1	Job Reference (optional)

NOTES-

14) 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: 5-58=-54, 5-7=-54, 7-10=-54, 10-11=-54, 1-12=-20

Concentrated Loads (lb)

Vert: 61=-24(F) 62=-24(F) 63=-24(F) 64=-24(F) 66=-24(F) 67=-24(F) 68=-24(F) 69=-24(F) 70=-24(F)

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T14	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:29:10 2023 Page 1

ID:Ys8zlwKNmTR0LjtaCjYR7AyUufK-IHSMVnLBLgNVW2oMrPuFF97I0pRqORmA_Nhttszn9XN

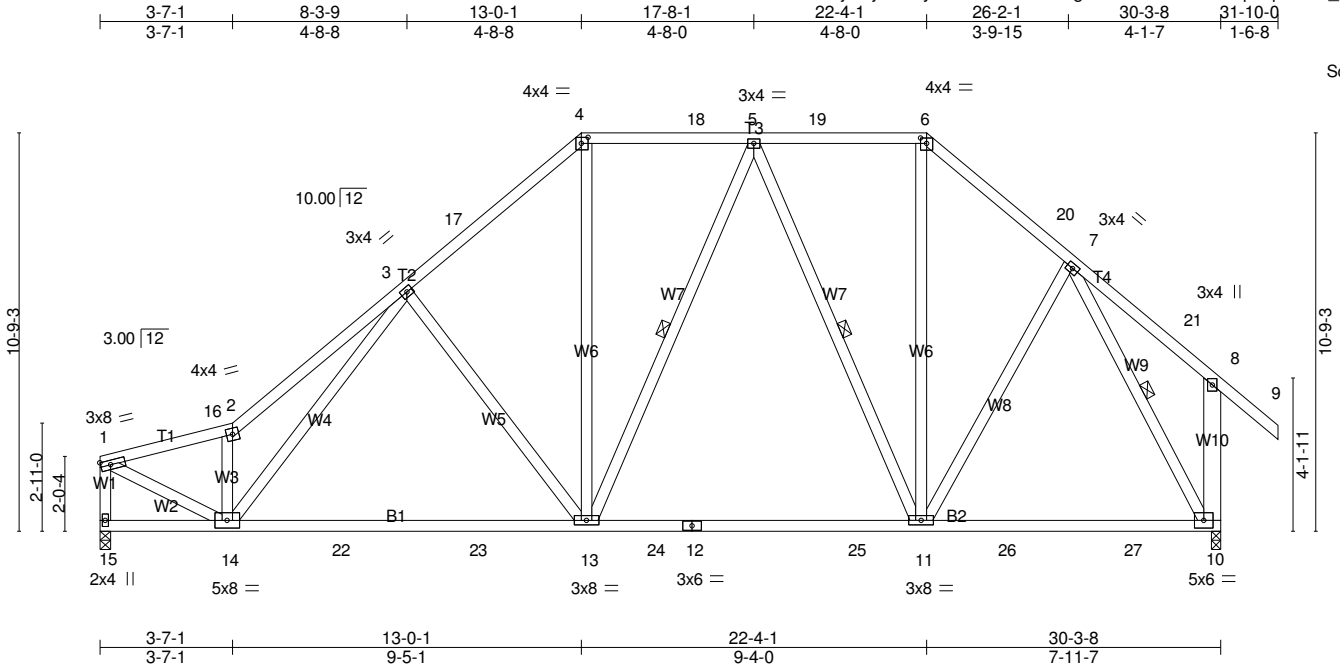


Plate Offsets (X,Y)-- [4:0-2-4,0-2-0], [6:0-2-0,0-1-13]					
LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.27	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.83	Vert(LL) -0.25 13-14 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.65	Vert(CT) -0.43 13-14 >827 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MS	Horz(CT) 0.04 10 n/a n/a		
	Code FBC2020/TPI2014			Weight: 231 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 3-10-5 oc purlins, except end verticals, and 2-0-0 oc purlins (5-11-4 max.): 4-6.
BOT CHORD 2x4 SP No.2 *Except* B1: 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 14-15.
WEBS 2x4 SP No.3 *Except* W10: 2x6 SP No.2	WEBS 1 Row at midpt 5-13, 5-11, 7-10
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 15=1104/0-3-8, 10=1205/0-3-0
Max Horz 15=273(LC 11)
Max Uplift 15=203(LC 12), 10=195(LC 13)
Max Grav 15=1260(LC 2), 10=1369(LC 2)

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

TOP CHORD 1-16=-1594/357, 2-16=-1562/361, 2-3=-2098/579, 3-17=-1293/423, 4-17=-1217/446, 4-18=-939/390, 5-18=-939/390, 5-19=-741/356, 6-19=-741/356, 6-20=-962/394, 7-20=-1017/375, 1-15=-1271/299, 8-10=-273/216

BOT CHORD 14-15=-272/197, 14-22=-296/1222, 22-23=-296/1222, 13-23=-296/1222, 13-24=-195/889, 12-24=-195/889, 12-25=-195/889, 11-25=-195/889, 11-26=-119/579, 26-27=-119/579, 10-27=-119/579

WEBS 2-14=-1082/369, 3-14=-177/726, 3-13=-436/255, 4-13=-161/602, 5-11=-413/174, 6-11=-138/444, 7-11=-95/370, 1-14=-361/1714, 7-10=-1166/230

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-1-12 to 3-2-2, Interior(1) 3-2-2 to 13-0-1, Exterior(2R) 13-0-1 to 16-0-7, Interior(1) 16-0-7 to 22-4-1, Exterior(2R) 22-4-1 to 25-4-7, Interior(1) 25-4-7 to 31-10-0 zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=203, 10=195.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job

3371626

Truss

T14G

Truss Type

GABLE

Qty

1

Ply

1

CJ CONST. - CADY RES.

Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

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ID:Ys8zlwKNmTR0LjtaCjYR7AyUufK-9s7V7oN4dbI3NWXxXXSysokpk1UuboTcgLvXUBzn9XK

3-7-1 8-3-9 13-0-1 17-8-1 21-10-9 26-2-1 30-3-8 31-10-0

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

Scale = 1:66.6

Plate Offsets (X,Y)-- [4:0-2-4,0-2-0], [6:0-2-0,0-1-14], [7:0-4-0,0-2-11]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.31	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.81	Vert(LL) -0.26 14-15 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.65	Vert(CT) -0.46 14-15 >788 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MS	Horz(CT) 0.04 11 n/a n/a		
	Code FBC2020/TPI2014			Weight: 318 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2

BOT CHORD 2x4 SP No.2 *Except*

WEBS 2x4 SP No.3 *Except*

OTHERS 2x4 SP No.3

BRACING-

TOP CHORD 2-0-0 oc purlins (3-10-4 max.), except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:

WEBS 6-0-0 oc bracing: 15-16.

1 Row at midpt 5-14, 5-12, 7-11

REACTIONS. (lb/size) 16=1104/0-3-8, 11=1205/0-3-8

Max Horz 16=270(LC 11)

Max Uplift16=-203(LC 12), 11=-199(LC 13)

Max Grav 16=1259(LC 2), 11=1366(LC 2)

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

TOP CHORD 1-35=-1596/356, 2-35=-1564/360, 2-3=-2100/578, 3-36=-1288/423, 4-36=-1212/446,

4-37=-935/390, 5-37=-935/390, 5-38=-765/362, 6-38=-765/362, 6-39=-992/393,

7-39=-1055/377, 1-16=-1273/299, 9-11=-286/206

BOT CHORD 15-16=-269/195, 15-41=-299/1219, 41-42=-299/1219, 14-42=-299/1219, 13-14=-187/889,

13-43=-187/889, 43-44=-187/889, 12-44=-187/889, 12-45=-136/605, 45-46=-136/605,

11-46=-136/605

WEBS 2-15=-1083/369, 3-15=-176/734, 3-14=-437/255, 4-14=-159/595, 5-12=-393/173,

6-12=-133/466, 7-12=-90/333, 1-15=-360/1717, 7-11=-1139/246

NOTES-

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-1-12 to 3-2-2, Interior(1) 3-2-2 to 13-0-1, Exterior(2R) 13-0-1 to 16-0-7, Interior(1) 16-0-7 to 21-10-9, Exterior(2R) 21-10-9 to 24-10-15, Interior(1) 24-10-15 to 31-10-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.

5) Provide adequate drainage to prevent water ponding.

6) All plates are 2x4 MT20 unless otherwise indicated.

7) Gable studs spaced at 2-0-0 oc.

8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

10) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.

11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=203, 11=199.

12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T14G	GABLE	1	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T16	Piggyback Base	3	1	

Builders FirstSource, Lake City, FL 32055, Kim Holloway

ID:Ys8zlwKNmTR0LjtaCjYR7AyUufK-0UmOrSrDRWD5R_5toZM63_gfSUP?UoU3HMhrzn9XE

8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:29:19 2023 Page 1

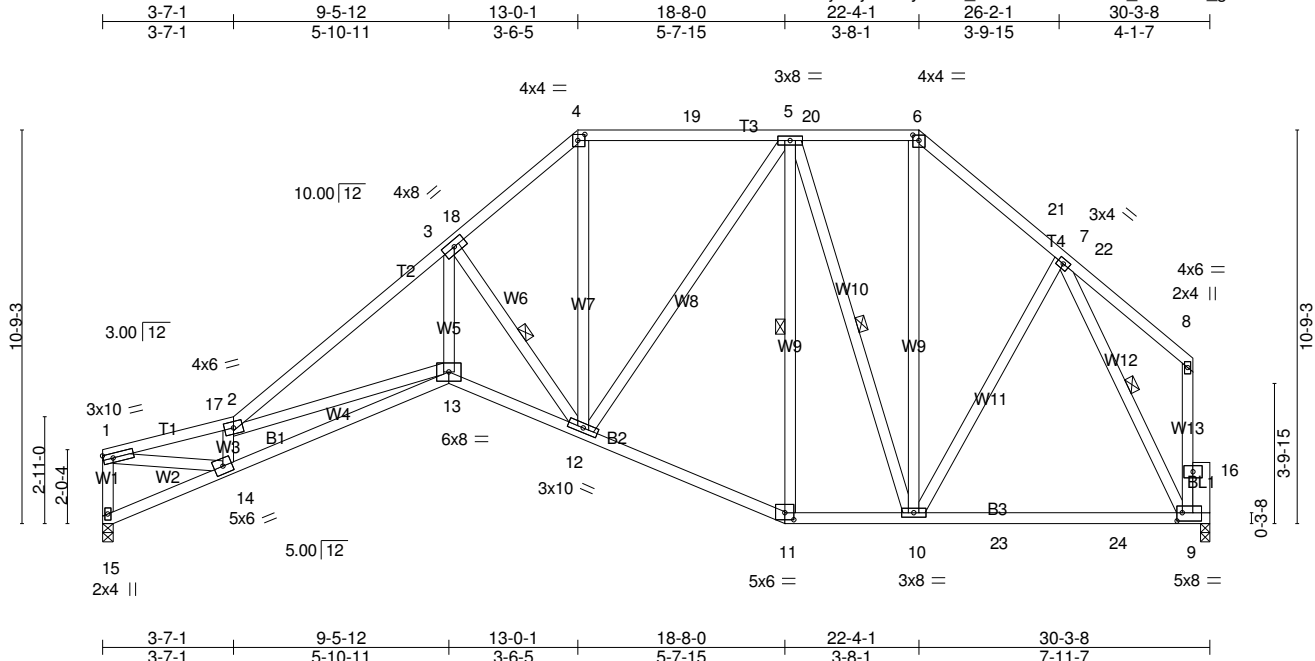


Plate Offsets (X,Y)--	[4:0-2-4,0-2-0], [6:0-2-0,0-1-13], [9:0-1-12,0-2-12], [11:0-3-0,0-2-4]
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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.92	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.99	Vert(LL) -0.24 13-14 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.79	Vert(CT) -0.43 13-14 >824 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MS	Horz(CT) 0.28 9 n/a n/a		
	Code FBC2020/TPI2014			Weight: 236 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-2-5 max.): 4-6.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 1-4-12 oc bracing.
WEBS 2x4 SP No.3 *Except*	WEBS 1 Row at midpt 3-12, 5-11, 5-10, 7-9
W2,W13: 2x4 SP No.2	
OTHERS 2x6 SP No.2	

REACTIONS. (lb/size) 15=1098/0-3-8, 9=1091/0-3-0
Max Horz 15=266(LC 11)
Max Uplift15=-200(LC 12), 9=-154(LC 13)
Max Grav 15=1179(LC 2), 9=1209(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-15=-1135/339, 1-17=-2878/839, 2-17=-2846/840, 2-3=-2791/850, 3-18=-1451/504, 4-18=-1437/521, 4-19=-1075/441, 5-19=-1075/441, 5-20=-668/345, 6-20=-668/345, 6-21=-867/380, 7-21=-926/361
BOT CHORD 14-15=-289/202, 13-14=-1114/3315, 12-13=-770/2408, 11-12=-240/905, 10-11=-218/799, 10-23=-182/517, 23-24=-182/517, 9-24=-182/517
WEBS 1-14=-797/2765, 2-14=-1416/510, 2-13=-843/330, 3-13=-631/2163, 3-12=-1945/710, 4-12=-226/718, 5-12=-156/571, 5-10=-489/189, 6-10=-153/429, 7-10=-100/333, 7-9=-1069/331

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-1-12 to 3-2-2, Interior(1) 3-2-2 to 13-0-1, Exterior(2R) 13-0-1 to 16-0-7, Interior(1) 16-0-7 to 22-4-1, Exterior(2R) 22-4-1 to 25-4-7, Interior(1) 25-4-7 to 29-8-4 zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Bearing at joint(s) 15 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=200, 9=154.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	T17	Piggyback Base	4	1	

Builders FirstSource, Lake City, FL 32055, Kim Holloway

ID:Ys8zlwKNmTR0LjtaCjYR7AyUufK-wPcWpXT5l2mxKI8T?DbqBU4BaFE7TRInWbrymkzn9XC

8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:29:21 2023 Page 1

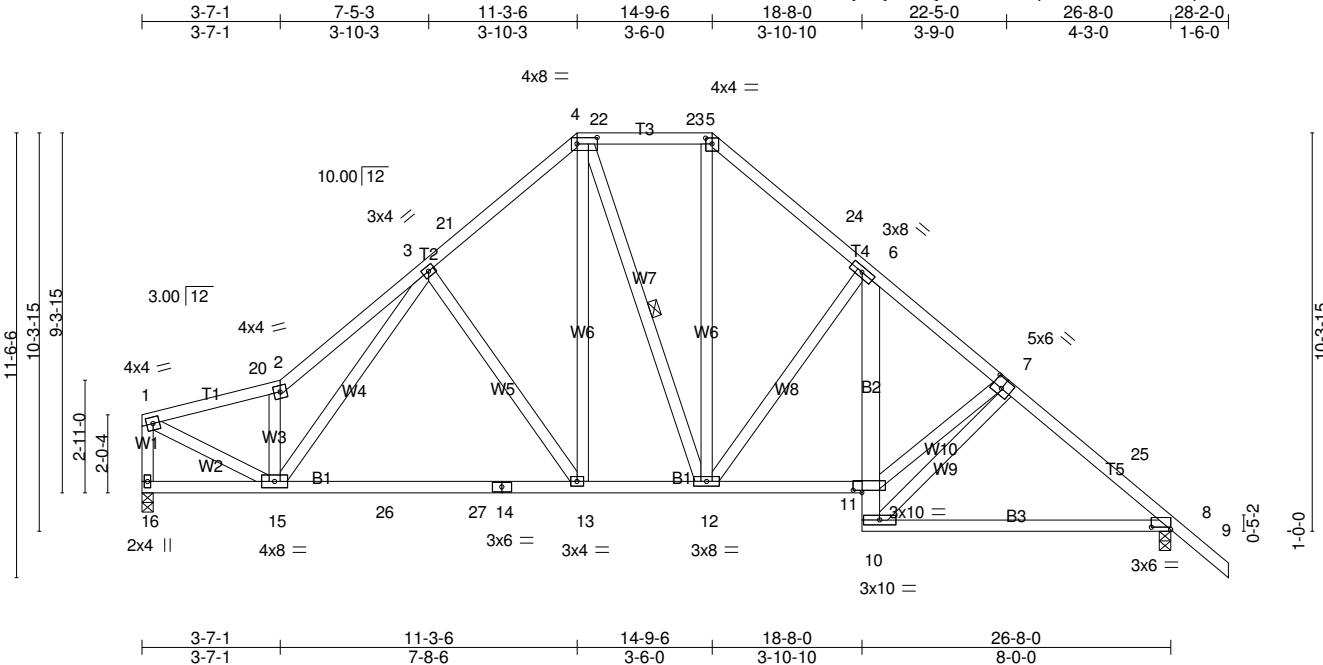


Plate Offsets (X,Y)-- [4:0-6-4,0-2-0], [5:0-2-0,0-1-13], [7:0-3-0,0-3-0], [8:0-6-0,0-0-11], [11:0-2-12,0-0-12]					
LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.25	in (loc)	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.66	Vert(LL) -0.16 13-15		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.54	Vert(CT) -0.29 13-15		
BCDL 10.0	Rep Stress Incr YES	Matrix-MS	Horz(CT) 0.06 8		
	Code FBC2020/TPI2014			Weight: 200 lb	FT = 20%

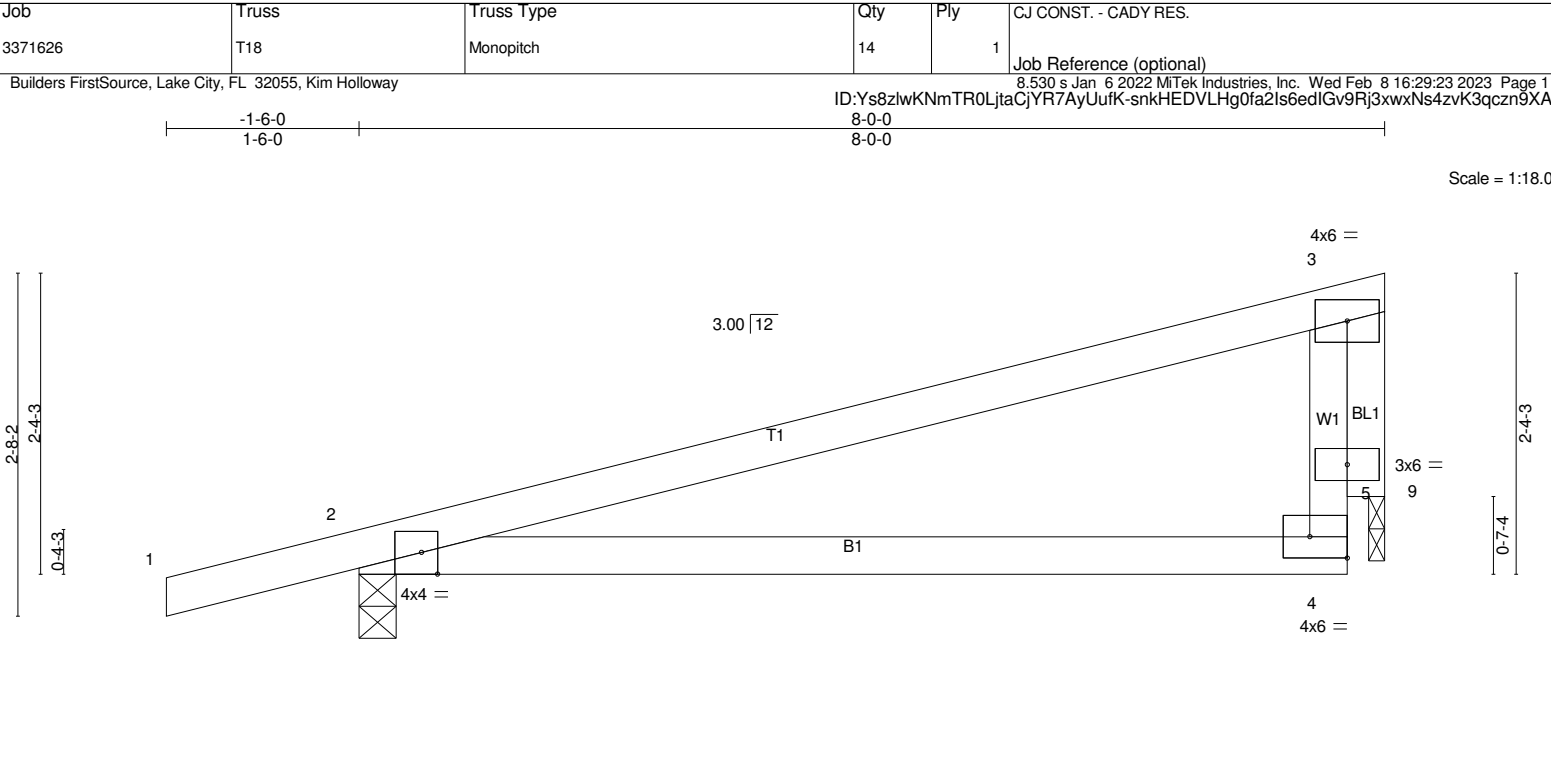
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-4-9 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD 2x4 SP No.2 *Except* B2: 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 4-12
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

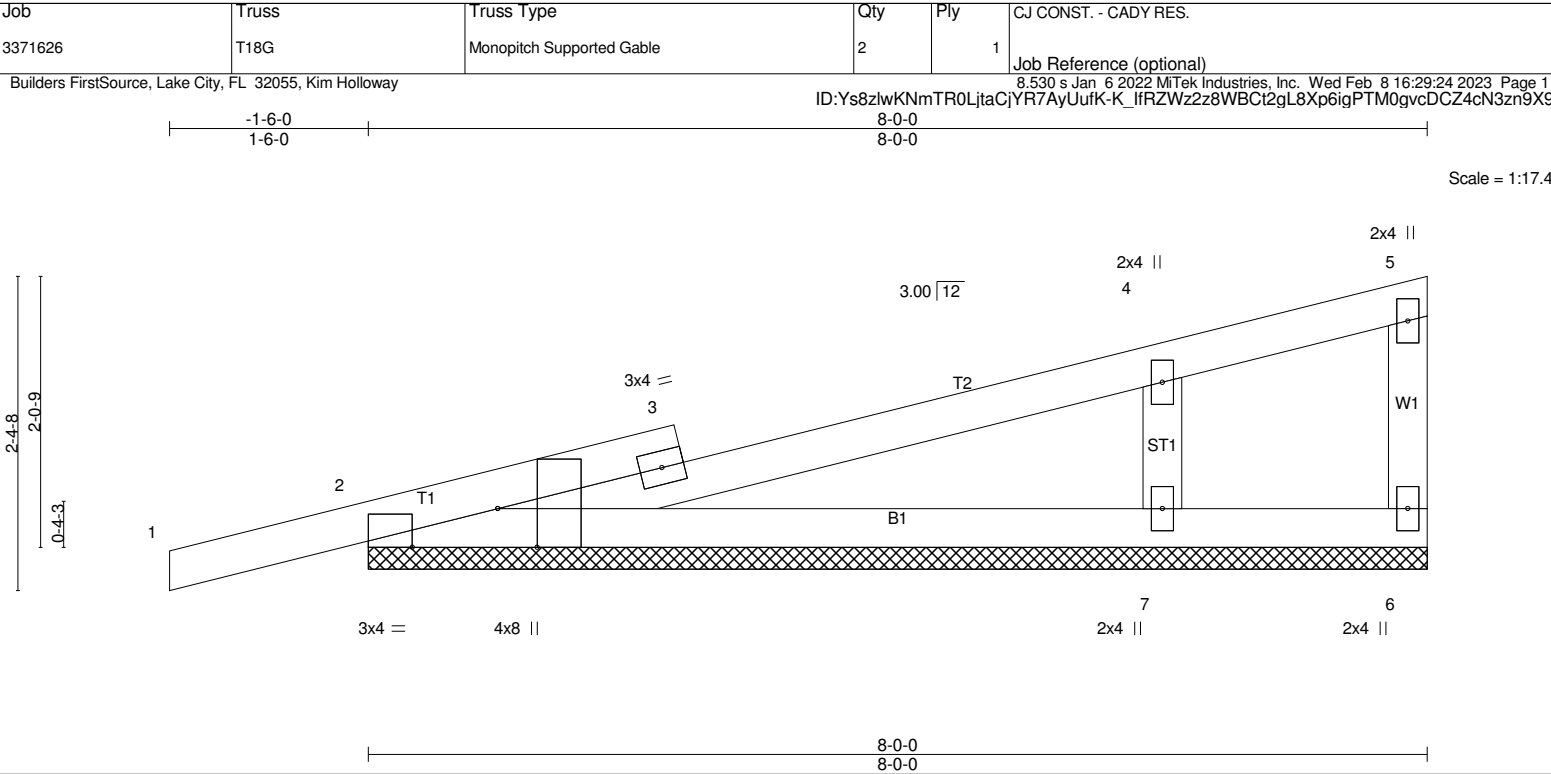
REACTIONS. (lb/size) 16=979/0-3-8, 8=1065/0-3-8
Max Horz 16=-237(LC 13)
Max Uplift16=-177(LC 12), 8=-217(LC 13)
Max Grav 16=1072(LC 2), 8=1146(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-20=-1320/317, 2-20=-1288/321, 2-3=-1730/509, 3-21=-1083/383, 4-21=-1020/402,
4-22=-778/358, 22-23=-778/358, 5-23=-778/358, 5-24=-1008/395, 6-24=-1071/375,
6-7=-1360/393, 7-25=-1319/374, 8-25=-1347/354, 1-16=-1062/272
BOT CHORD 15-26=-137/1051, 26-27=-137/1051, 14-27=-137/1051, 13-14=-137/1051, 12-13=-67/844,
11-12=-112/1049, 10-11=-119/820, 6-11=-64/417, 8-10=-178/1013
WEBS 2-15=-900/323, 3-15=-152/602, 3-13=-382/219, 4-13=-141/578, 5-12=-149/503,
6-12=-530/220, 7-11=-65/814, 7-10=-948/191, 1-15=-316/1407

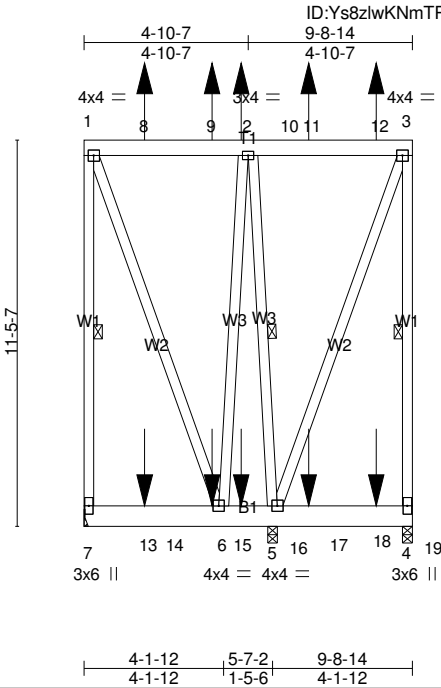
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 11-3-6, Exterior(2R) 11-3-6 to 14-3-6, Interior(1) 14-3-6 to 14-9-6, Exterior(2R) 14-9-6 to 17-9-6, Interior(1) 17-9-6 to 28-2-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=177, 8=217.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard





Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	TG01	Flat Girder	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055, Kim Holloway					8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:29:27 2023 Page 1



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.11	Vert(LL)	-0.01	6-7	>999	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.14	Vert(CT)	-0.02	6-7	>999		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.25	Horz(CT)	0.00	4	n/a		
BCDL 10.0	Code FBC2020/TPI2014		Matrix-MS					Weight: 147 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x8 SP 2400F 2.0E	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 1-7, 3-4, 2-5
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 7=492/Mechanical, 4=355/0-3-8, 5=1400/0-3-8
Max Uplift7=-304(LC 8), 4=-231(LC 9), 5=-910(LC 4)
Max Grav 7=588(LC 35), 4=440(LC 34), 5=1567(LC 35)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-6=-114/282, 2-5=-411/276

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 6) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - 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) 7=304, 4=231, 5=910.
 - 9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 30 lb down and 57 lb up at 1-9-10, 30 lb down and 57 lb up at 3-9-10, 30 lb down and 57 lb up at 4-8-0, and 30 lb down and 57 lb up at 6-8-0, and 29 lb down and 55 lb up at 8-8-0 on top chord, and 398 lb down and 254 lb up at 1-9-10, 412 lb down and 254 lb up at 3-9-10, 412 lb down and 254 lb up at 4-8-0, and 408 lb down and 254 lb up at 6-8-0, and 398 lb down and 253 lb up at 8-8-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

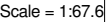
- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)
Vert: 1-3=-54, 4-7=-20

Concentrated Loads (lb)
Vert: 2=15(F) 8=15(F) 9=15(F) 11=15(F) 12=14(F) 13=-324(F) 15=-324(F) 16=-324(F) 17=-324(F) 19=-325(F)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

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ID:Ys8zlwKNmTR0LjtaCjYR7AyUufK-hx5YUGZ6sWnozl0TukiWAPZuU65L5IzmQnN2Gzn9X4



Weight: 112 lb FT = 20%

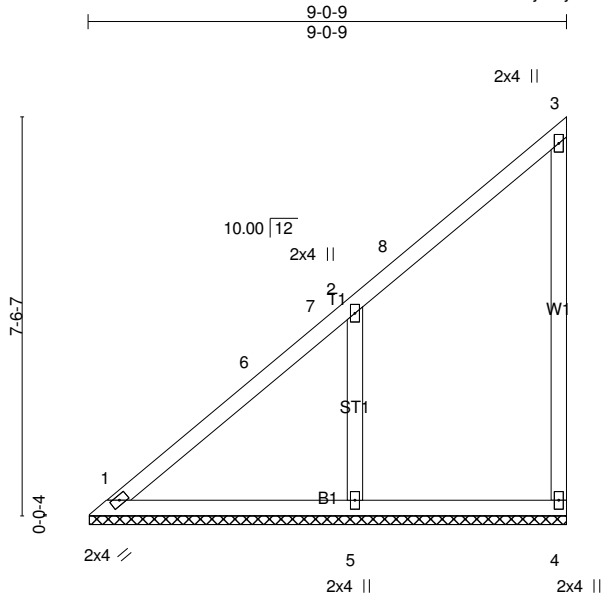
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 4-6=-20
Concentrated Loads (lb)
Vert: 7=-343(B) 8=-343(B)

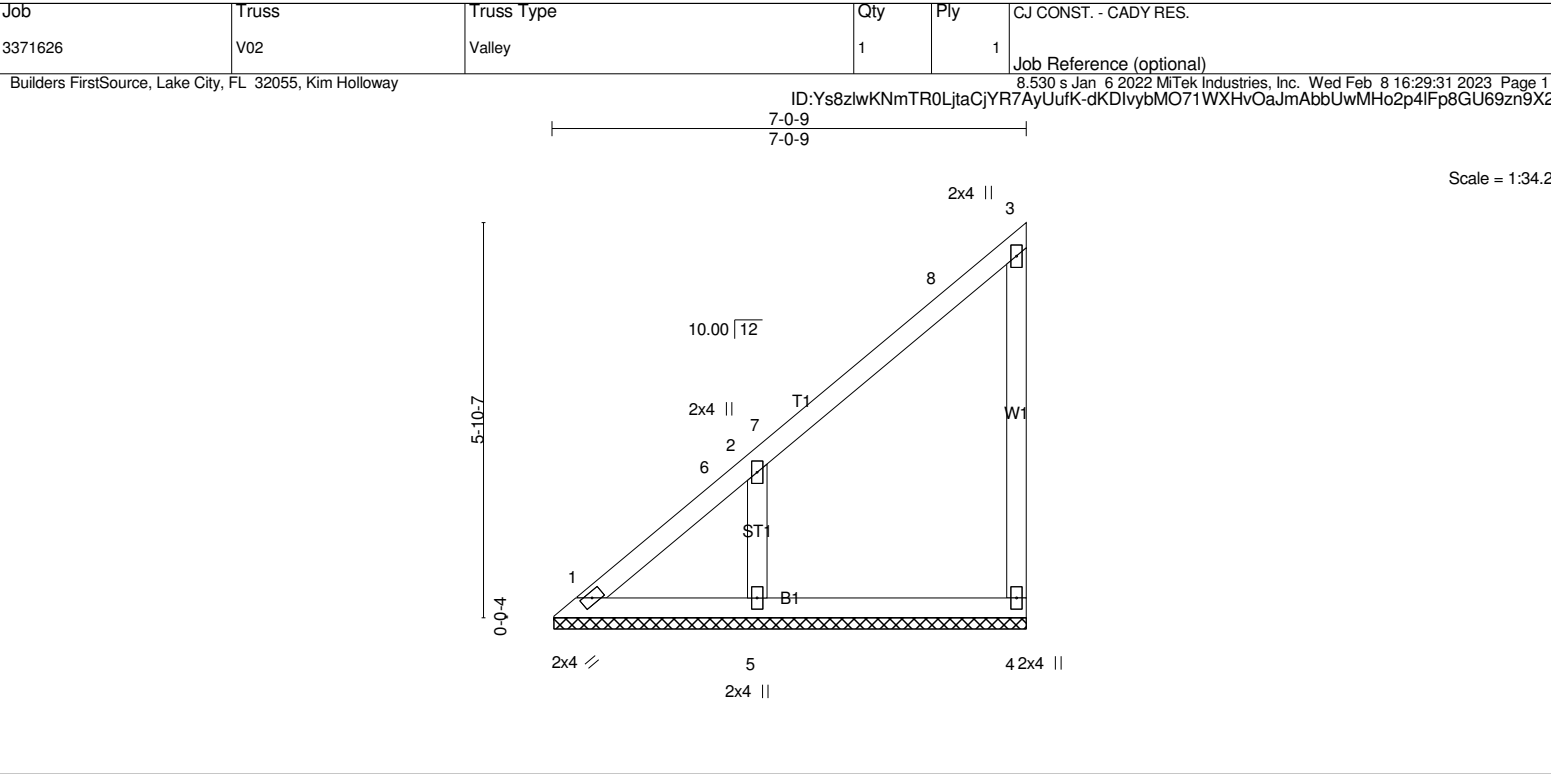
Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	V01	Valley	1	1	Job Reference (optional)

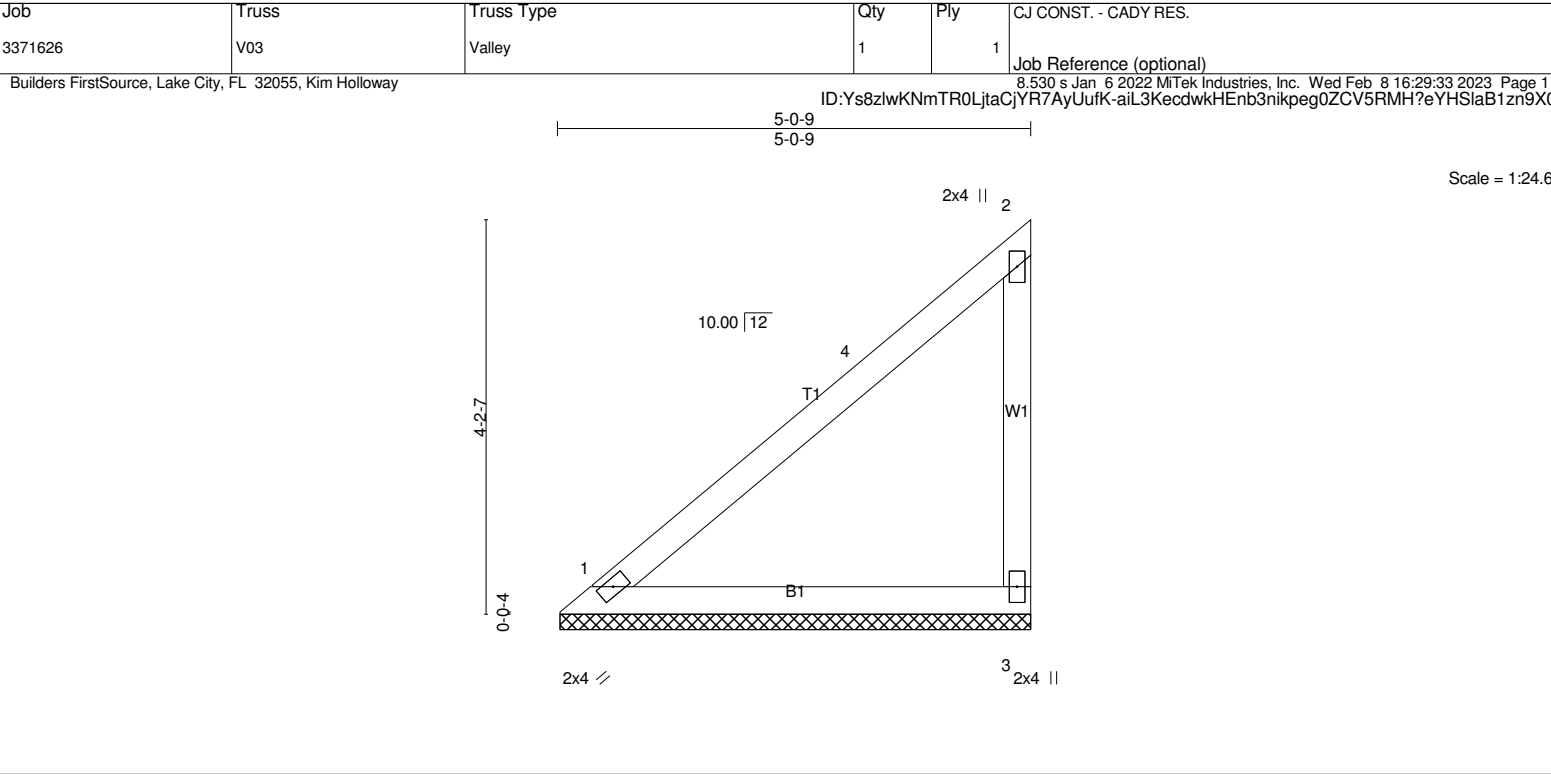
Builders FirstSource, Lake City, FL 32055, Kim Holloway

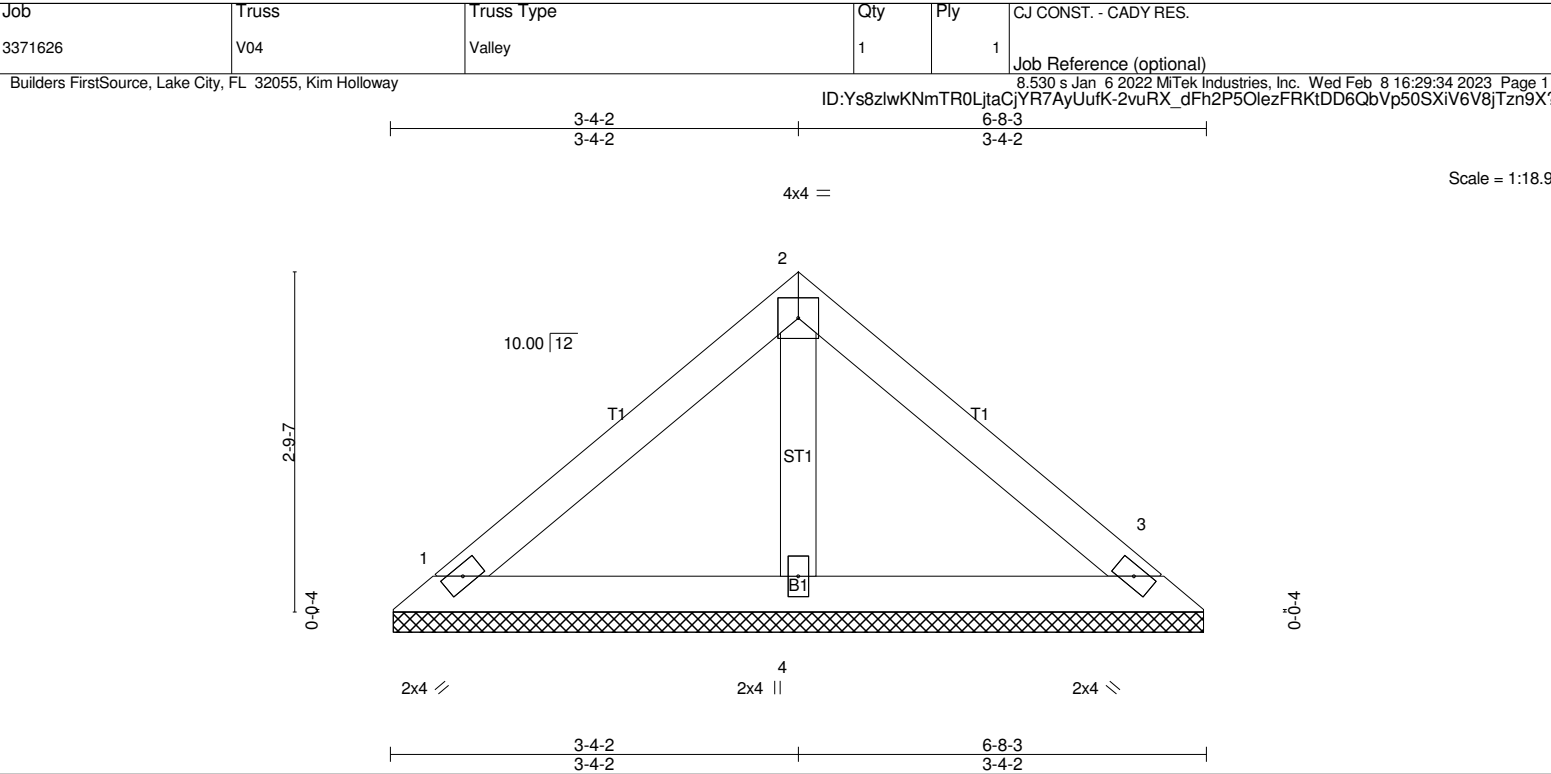
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LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.09	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL 10.0	Code FBC2020/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
BOT CHORD

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

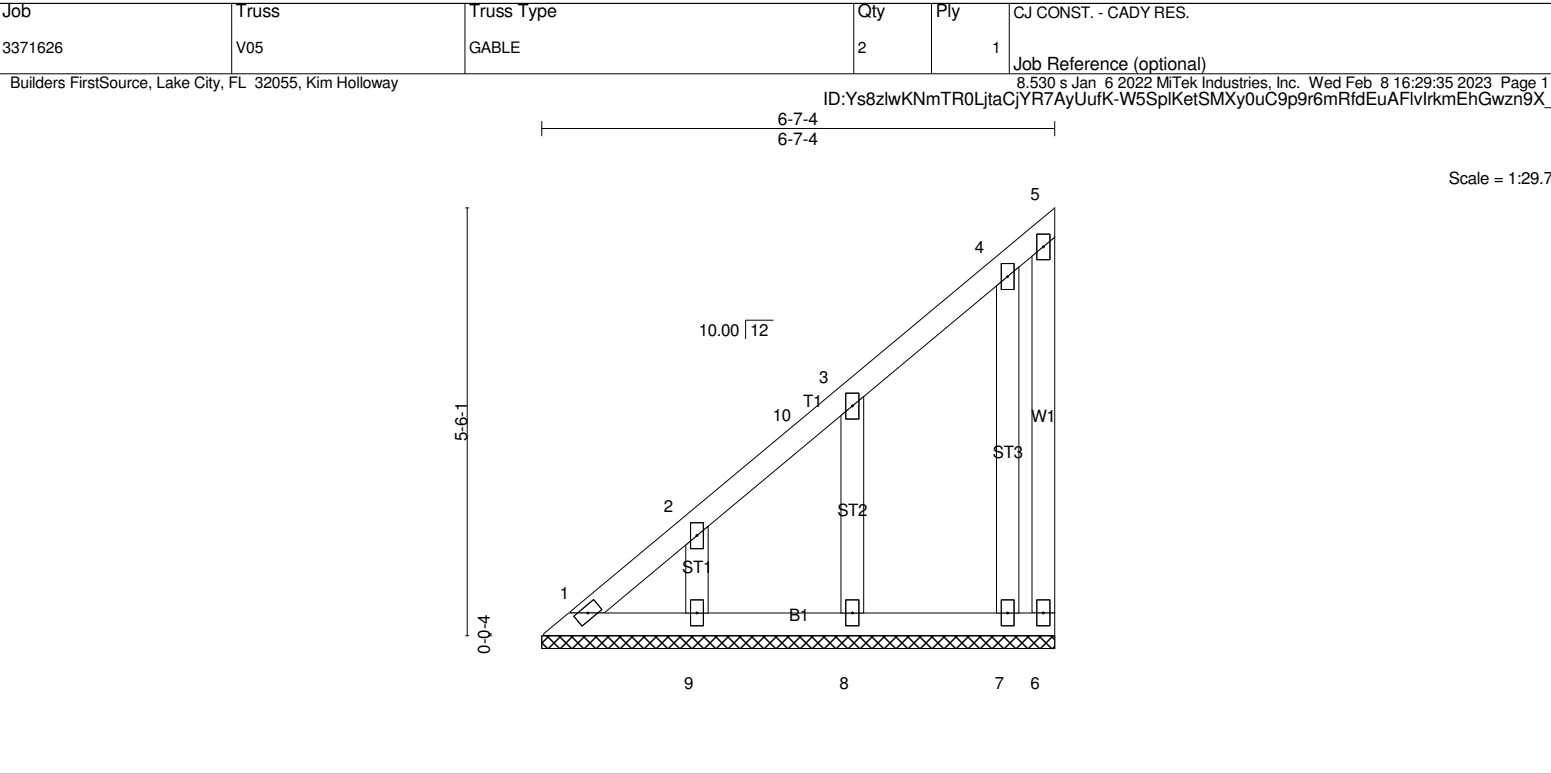
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=124/6-7-10, 3=124/6-7-10, 4=188/6-7-10
Max Horz 1=54(LC 11)
Max Uplift1=35(LC 13), 3=-41(LC 13), 4=-12(LC 12)

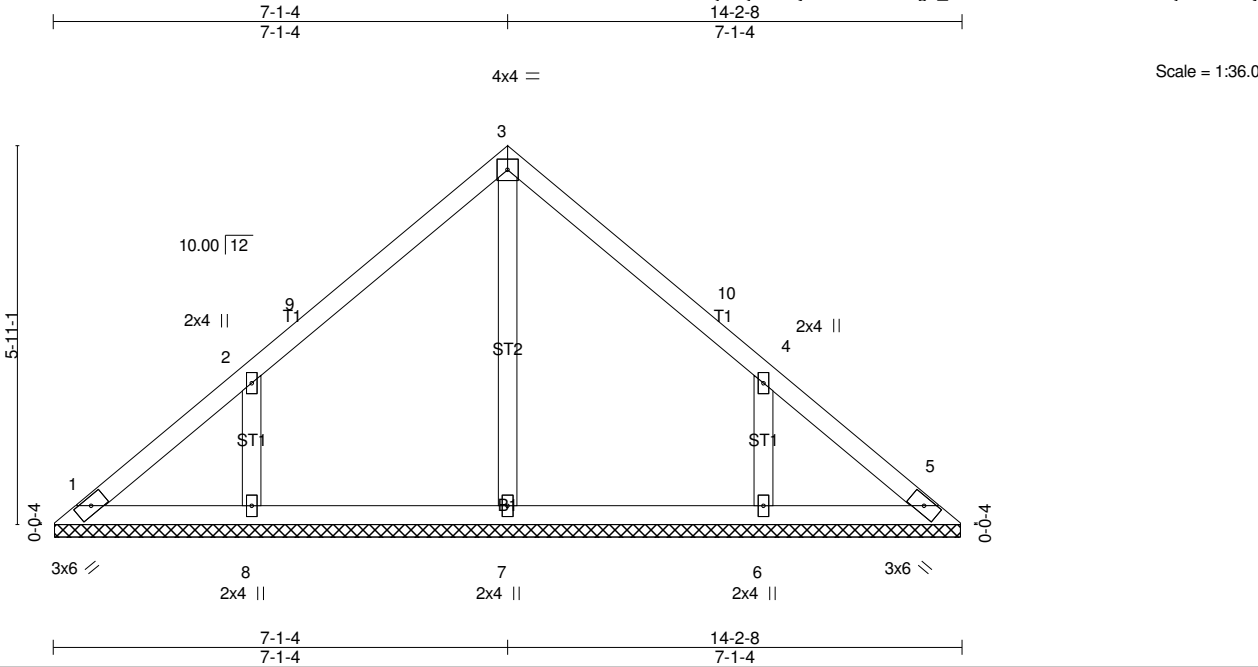
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	V06	Valley	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055, Kim Holloway 8.530 s Jan 6 2022 MiTek Industries, Inc. Wed Feb 8 16:29:37 2023 Page 1 ID:Ys8zlwKNmTR0LtaCjYR7AyUufk-SUaaA?g7_znfFCMYxatarskx9irLDol8B4joJozn9WY					



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 0.09	Horz(CT)	0.00 5	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014		Matrix-S					Weight: 61 lb	FT = 20%

LUMBER-	BRACING-	
TOP CHORD 2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SP No.3		MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 14-1-15.
 (lb) - Max Horz 1=123(LC 9)
 Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=180(LC 12), 6=180(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=317(LC 19), 6=316(LC 20)

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

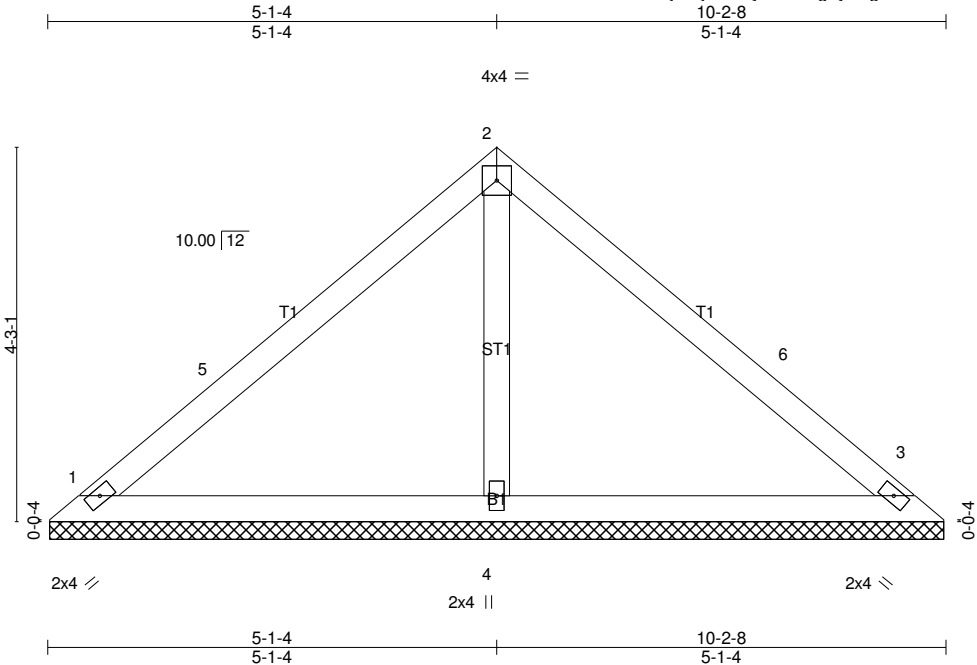
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TC DL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-4-13 to 3-1-4, Interior(1) 3-1-4 to 7-1-4, Exterior(2R) 7-1-4 to 10-1-4, Interior(1) 10-1-4 to 13-9-11 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=180, 6=180.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CJ CONST. - CADY RES.
3371626	V07	Valley	1	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055, Kim Holloway					

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ID:Ys8zlwKNmTR0LjtaCjYR7AyUufK-wg8yNLgllHvWtMxkUHOpN3H4469_yFvHQkTLrFzn9Wx



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)	n/a	-	n/a	999	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.22	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 FBC2020/TPI2014		Matrix-S						Weight: 39 lb	FT = 20%

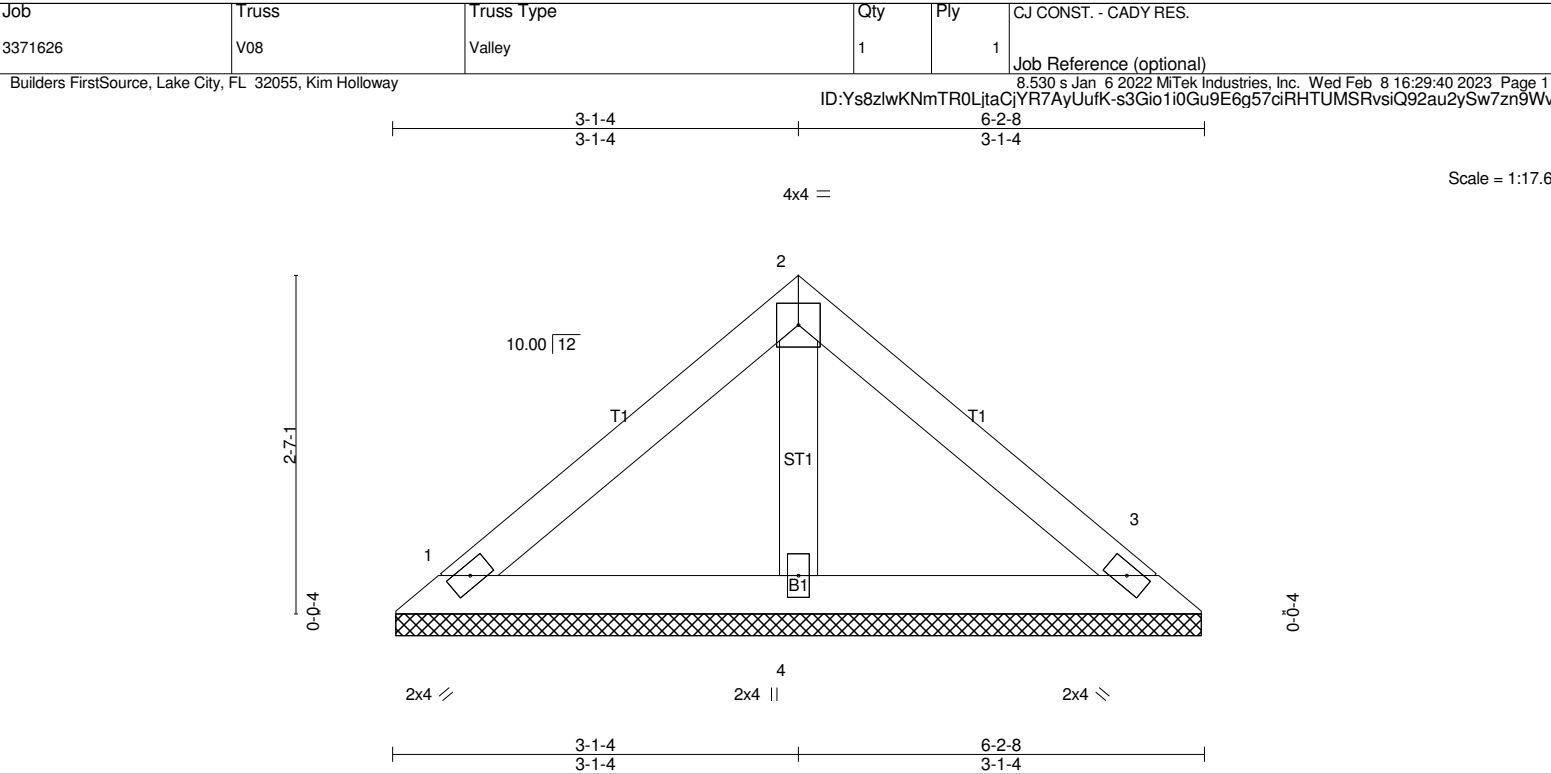
LUMBER-	BRACING-	
TOP CHORD 2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SP No.3		MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=183/10-1-15, 3=183/10-1-15, 4=330/10-1-15
 Max Horz 1=86(LC 9)
 Max Uplift1=-44(LC 13), 3=-54(LC 13), 4=-42(LC 12)

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-4-13 to 3-4-13, Interior(1) 3-4-13 to 5-1-4, Exterior(2R) 5-1-4 to 8-1-4, Interior(1) 8-1-4 to 9-9-11 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.

LOAD CASE(S) Standard



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 0.07	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014		Matrix-P						Weight: 23 lb	FT = 20%

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

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

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 1=114/6-1-15, 3=114/6-1-15, 4=173/6-1-15
Max Horz 1=-50(LC 8)
Max Uplift1=-32(LC 13), 3=-38(LC 13), 4=-11(LC 12)

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.

LOAD CASE(S) Standard