Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	EJ01	Jack-Closed	3	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:04 2023 Page 1

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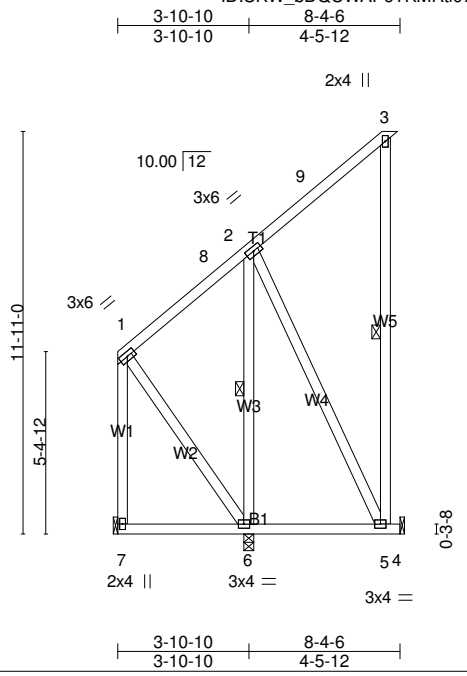

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.27	Vert(LL)	0.02	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	-0.02	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.20	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 87 lb	FT = 20%

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

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

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

REACTIONS. (lb/size) 7=94/Mechanical, 4=107/Mechanical, 6=382/0-3-8
Max Horz 7=299(LC 12)
Max Uplift 7=-129(LC 10), 4=-222(LC 12), 6=-401(LC 12)
Max Grav 7=379(LC 12), 4=163(LC 19), 6=483(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-7=-527/246, 1-8=-300/150, 2-8=-283/170
BOT CHORD 6-7=-423/193
WEBS 1-6=-263/531, 2-6=-268/152

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 7-11-2 to 7-11-2 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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 7, 222 lb uplift at joint 4 and 401 lb uplift at joint 6.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	EJ02	MONO TRUSS	17	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:06 2023 Page 1

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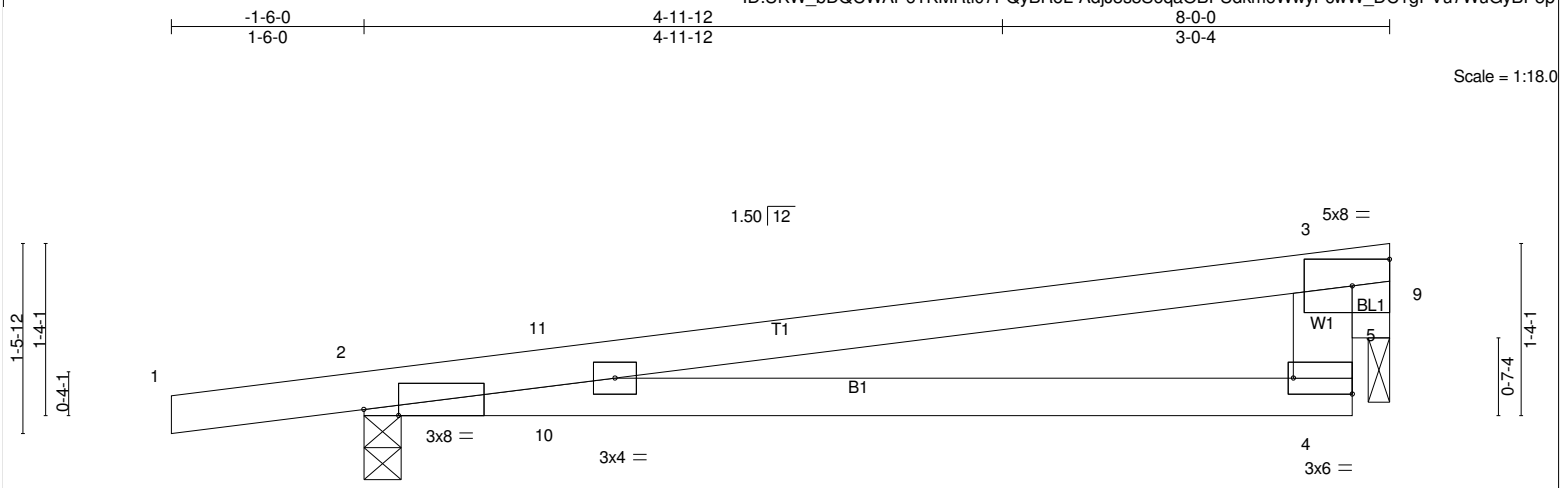

Plate Offsets (X,Y)-- [2:0-3-4,Edge], [4:Edge,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.88	Vert(LL)	0.34	4-8	>281	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	0.30	4-8	>316	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MR							Weight: 28 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-10-12 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=381/0-3-8, 9=254/0-2-0
Max Horz 2=59(LC 8)
Max Uplift2=-325(LC 8), 9=-203(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-352/821, 2-3=-412/865, 4-5=-371/145, 3-5=-371/145
BOT CHORD 2-10=-833/339, 2-4=-896/400
WEBS 3-9=-355/772

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 7-5-12 to 7-5-12 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) 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) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 325 lb uplift at joint 2 and 203 lb uplift at joint 9.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	PB01	Piggyback	18	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:08 2023 Page 1

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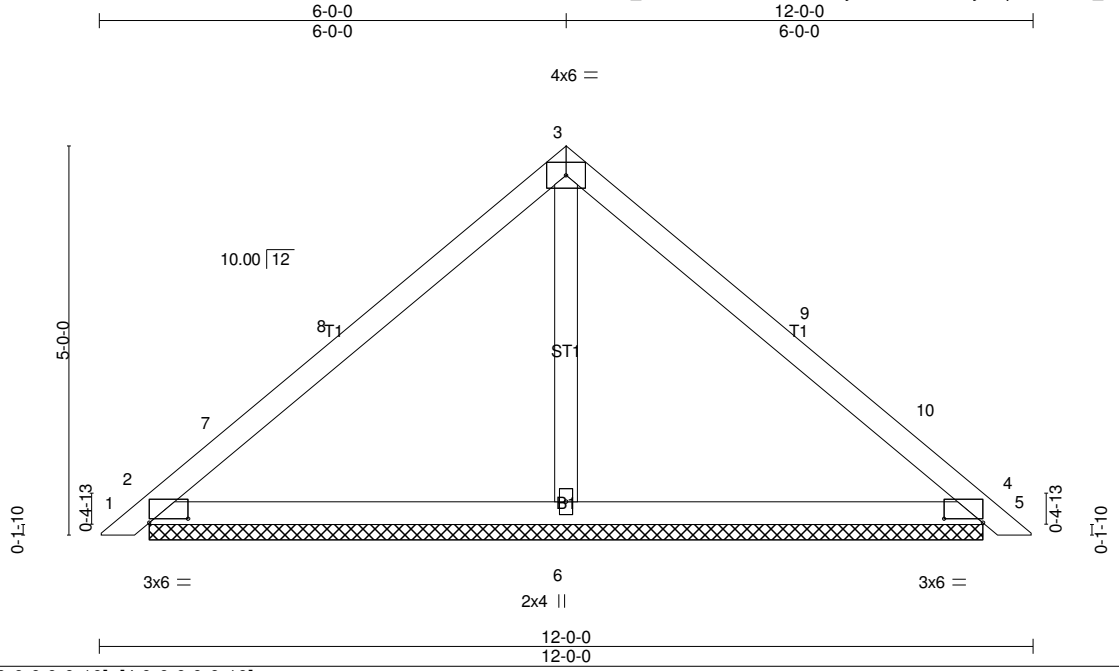

Plate Offsets (X,Y)-- [2:0-6-0,0-0-10], [4:0-6-0,0-0-10]

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	0.47	Vert(LL)	0.01	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	0.02	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 45 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 be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=230/10-8-9, 4=230/10-8-9, 6=377/10-8-9
Max Horz 2=-153(LC 10)
Max Uplift2=-101(LC 12), 4=-120(LC 13), 6=-107(LC 12)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 10-2-15 to 11-9-2 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 101 lb uplift at joint 2, 120 lb uplift at joint 4 and 107 lb uplift at joint 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

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	PB01G	GABLE	2	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:10 2023 Page 1

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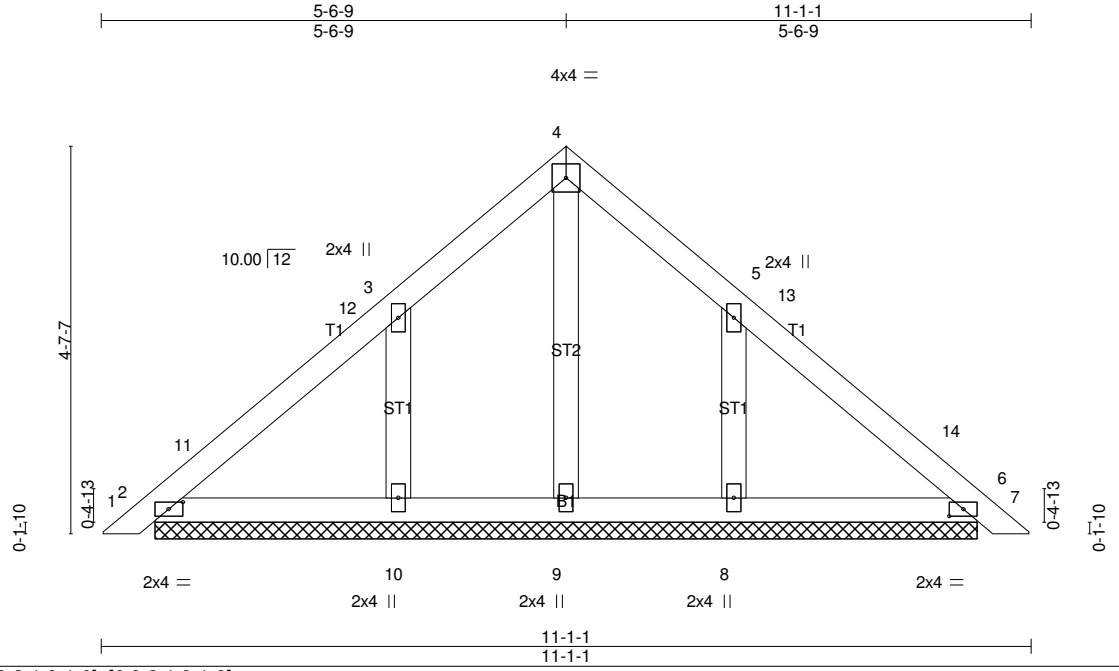

Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [6:0-2-1,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	0.00	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	0.00	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 48 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 be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 9-9-10.
(lb) - Max Horz 2=-141(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6 except 10=-217(LC 12), 8=-216(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9 except 10=268(LC 19), 8=267(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-222/320, 5-8=-222/321

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 9-9-7 to 10-10-3 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 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) 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 except (jt=lb) 10=217, 8=216.
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	GARY THOMPSON - OGBURN
3778272	PB02	Piggyback	7	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:11 2023 Page 1

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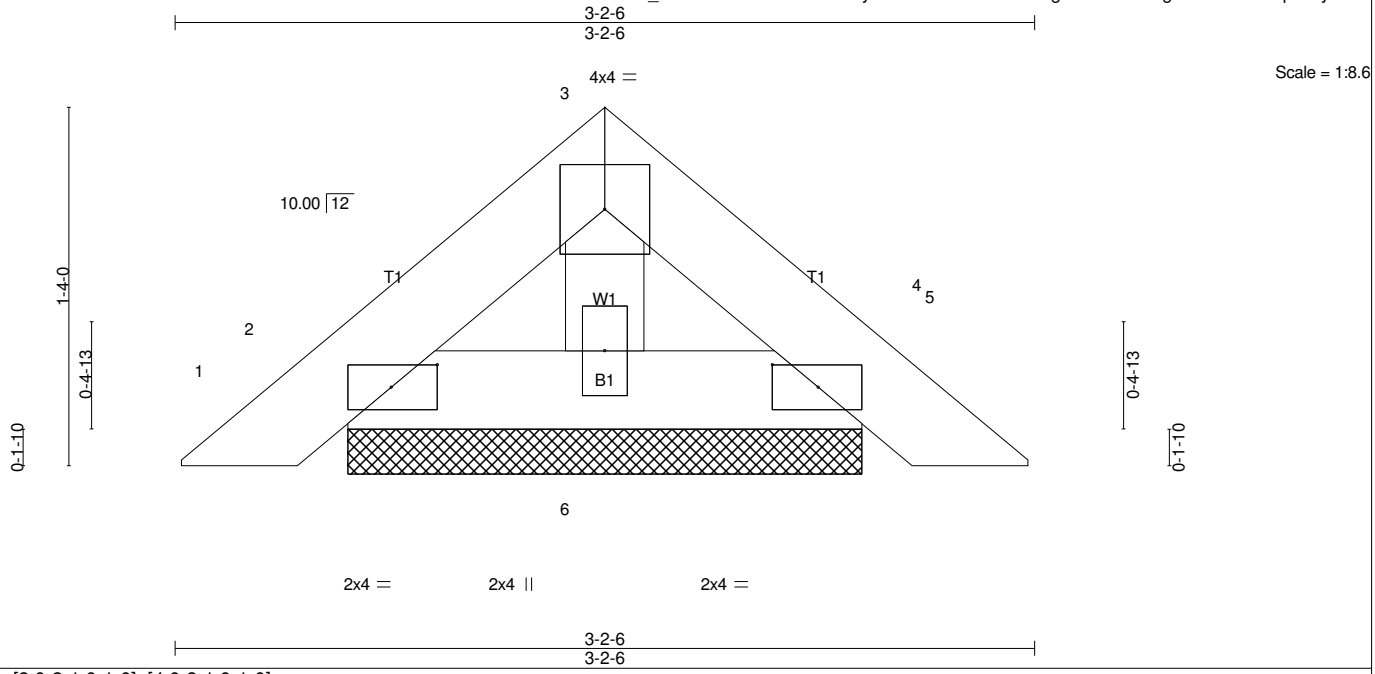

Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [4:0-2-1,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.03	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.01	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 FBC2023/TPI2014		Matrix-P							Weight: 10 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-6 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.

REACTIONS. (lb/size) 2=65/1-10-15, 4=65/1-10-15, 6=55/1-10-15
Max Horz 2=-36(LC 10)
Max Uplift 2=-37(LC 12), 4=-41(LC 13), 6=-5(LC 12)
Max Grav 2=65(LC 1), 4=65(LC 1), 6=56(LC 3)

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 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 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

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	PB02G	PIGGYBACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:12 2023 Page 1

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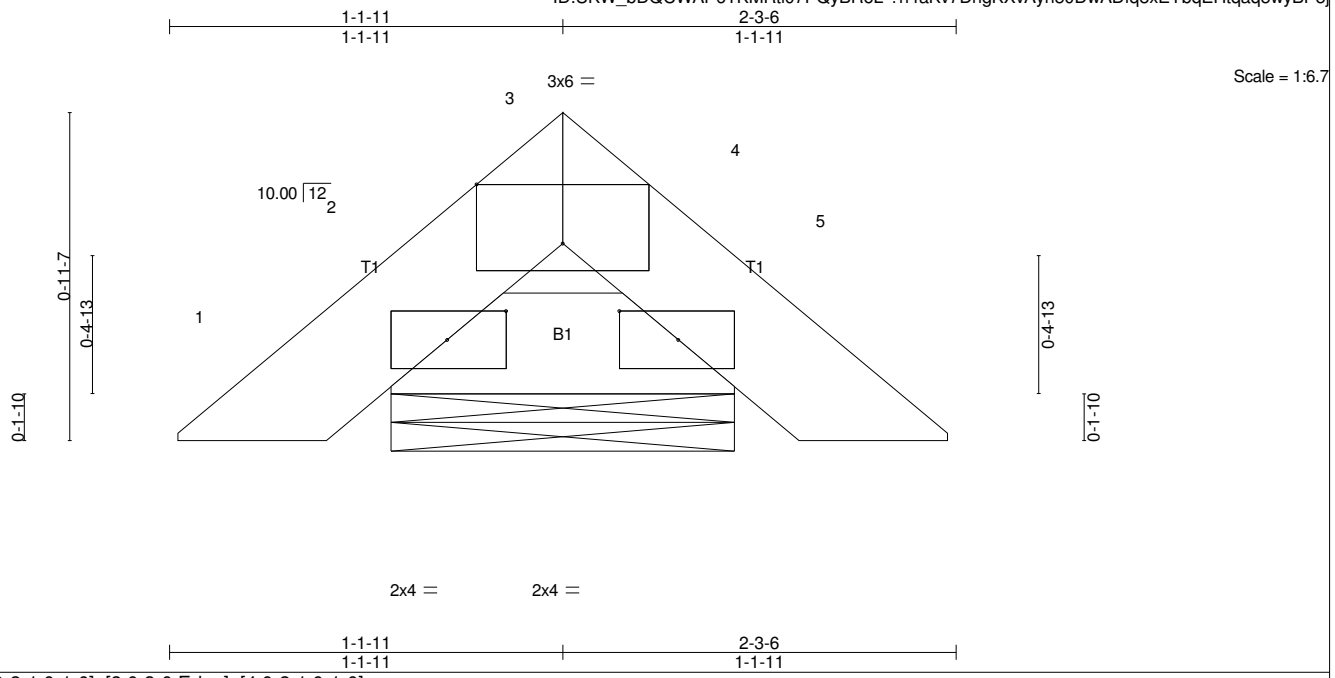

Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [3:0-3-0,Edge], [4:0-2-1,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.25	TC	0.07	Vert(LL)	-0.00	4	n/r	120	MT20	244/190
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	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P							Weight: 6 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-3-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 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=45/0-11-15, 4=45/0-11-15
Max Horz 2=-24(LC 10)
Max Uplift 2=-42(LC 12), 4=-42(LC 13)
Max Grav 2=78(LC 25), 4=78(LC 26)

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 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 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.
9) 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	GARY THOMPSON - OGBURN
3778272	PB03	Piggyback	22	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:14 2023 Page 1

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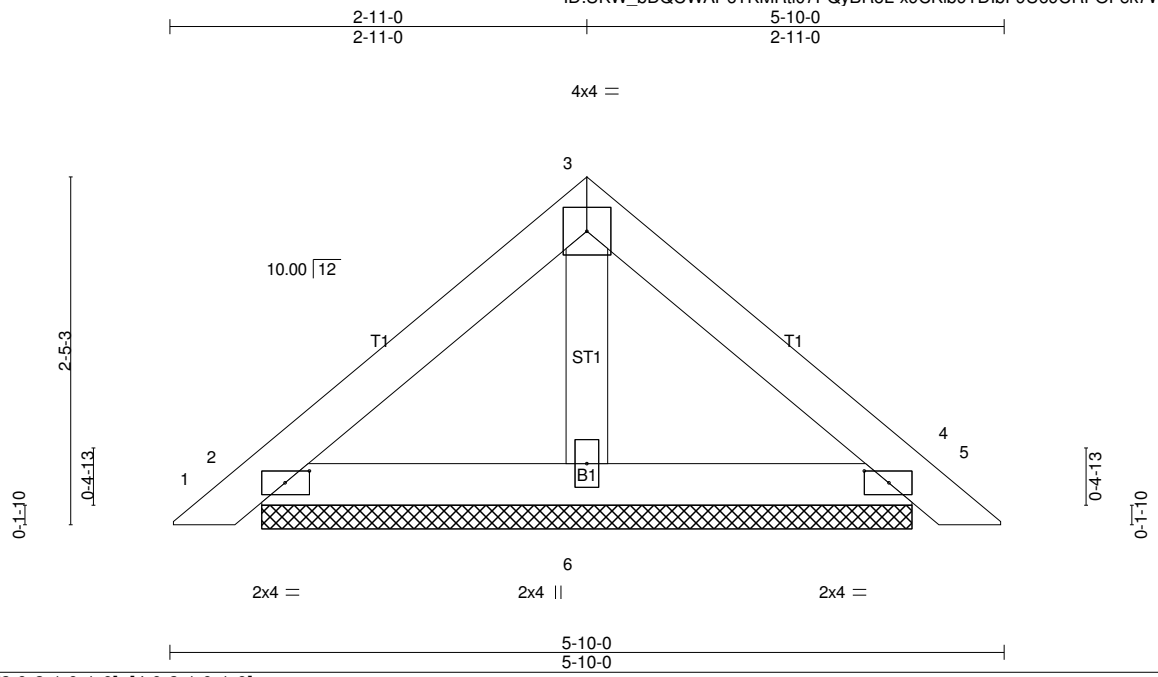

Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [4:0-2-1,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.20	Vert(LL)	0.00	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	0.00	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P							Weight: 20 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-0 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.

REACTIONS. (lb/size) 2=119/4-6-9, 4=119/4-6-9, 6=142/4-6-9
Max Horz 2=-71(LC 10)
Max Uplift2=-62(LC 12), 4=-71(LC 13), 6=-22(LC 12)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 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

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	PB03G	GABLE	2	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:16 2023 Page 1

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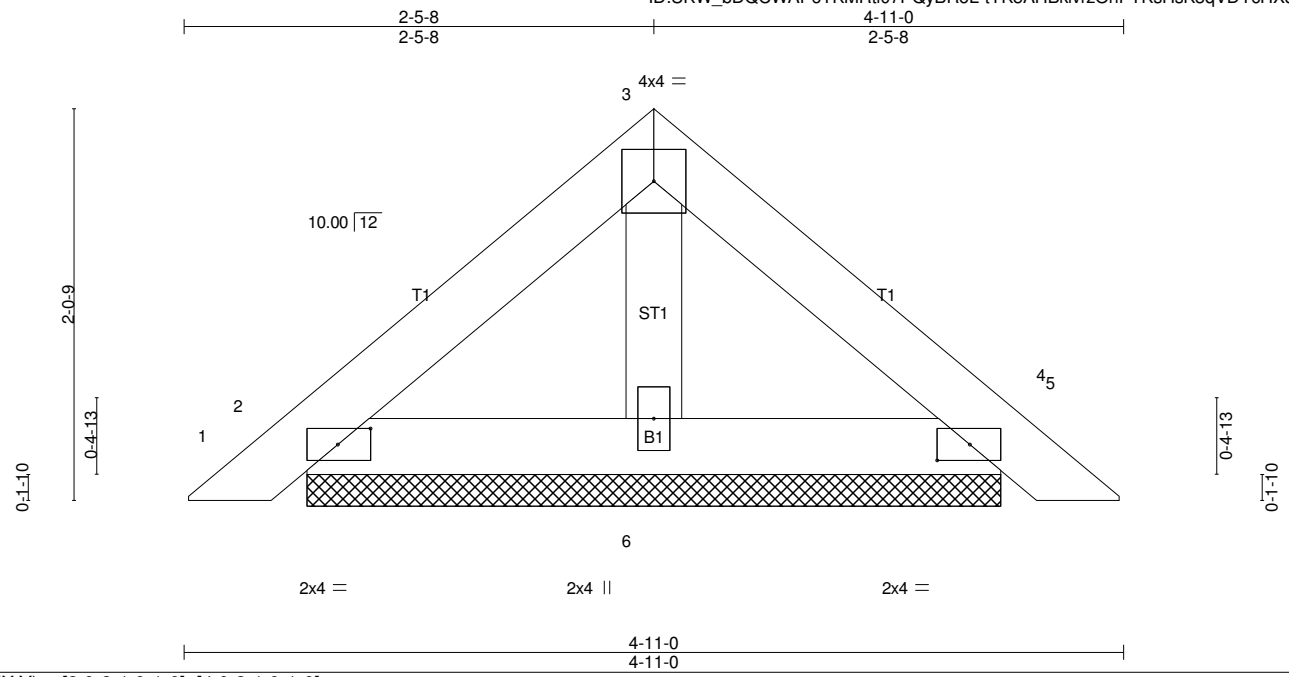

Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [4:0-2-1,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.12	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	0.00	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P							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 Structural wood sheathing directly applied or 4-11-0 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.

REACTIONS. (lb/size) 2=100/3-7-9, 4=100/3-7-9, 6=112/3-7-9
Max Horz 2=-59(LC 10)
Max Uplift2=-53(LC 12), 4=-61(LC 13), 6=-17(LC 12)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 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 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) 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, 4, 6.
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	GARY THOMPSON - OGBURN
3778272	PB04	Piggyback	2	2	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:18 2023 Page 1

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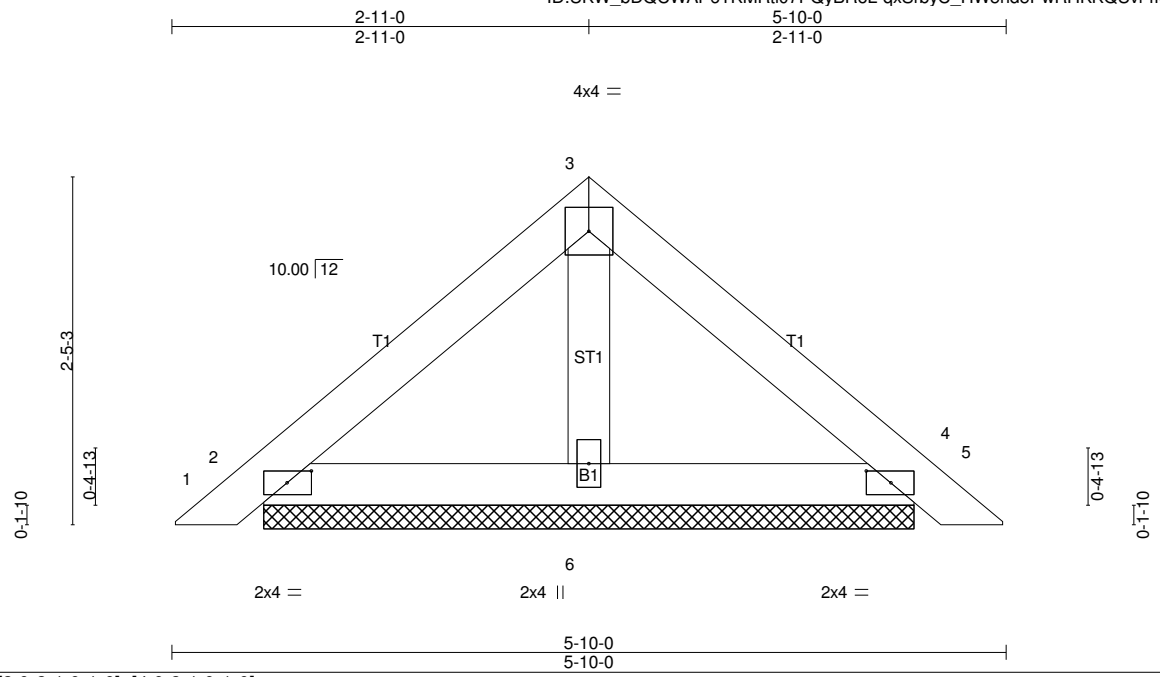

Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [4:0-2-1,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.10	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	0.00	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P							Weight: 41 lb	FT = 20%

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

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

REACTIONS. (lb/size) 2=119/4-6-9, 4=119/4-6-9, 6=142/4-6-9
Max Horz 2=-71(LC 10)
Max Uplift2=-62(LC 12), 4=-71(LC 13), 6=-22(LC 12)

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

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
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 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Gable requires continuous bottom chord bearing.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) 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, 4, 6.
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	GARY THOMPSON - OGBURN
3778272	T01	Attic	3	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:20 2023 Page 1

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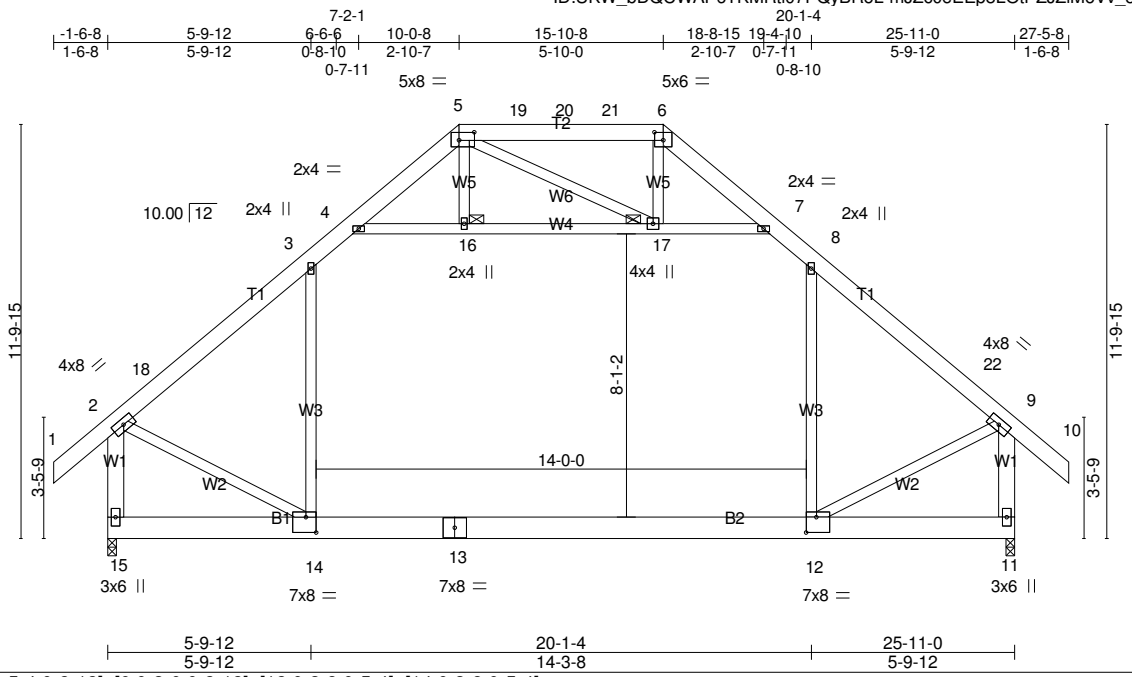

Plate Offsets (X,Y)-- [5:0-5-4,0-2-12], [6:0-3-0,0-2-12], [12:0-3-8,0-5-4], [14:0-3-8,0-5-4]

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	0.48	Vert(LL)	-0.34	12-14	>890	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.52	12-14	>584	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.01	11	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS		Attic	-0.30	12-14	564	360	Weight: 250 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
W1: 2x6 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-4-1 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 16, 17

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

REACTIONS. (lb/size) 15=1329/0-3-0, 11=1329/0-3-0
Max Horz 15=-452(LC 10)
Max Uplift 15=-193(LC 12), 11=-193(LC 13)
Max Grav 15=1613(LC 2), 11=1613(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-18=-1591/136, 3-18=-1463/159, 3-4=-1102/252, 4-5=-482/203, 5-19=-312/232, 19-20=-312/232, 20-21=-312/232, 6-21=-312/232, 6-7=-477/204, 7-8=-1102/252, 8-22=-1464/159, 9-22=-1590/136, 2-15=-1800/217, 9-11=-1799/217
BOT CHORD 14-15=-461/467, 13-14=-59/1214, 12-13=-59/1214
WEBS 3-14=-12/723, 4-16=-1049/166, 16-17=-1046/167, 7-17=-1058/168, 8-12=-14/721, 2-14=-94/1377, 9-12=-96/1379

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 25-8-4 to 25-8-4 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
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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-16, 16-17, 7-17; Wall dead load (5.0psf) on member(s).3-14, 8-12
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 12-14
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) except (jt=lb) 15=193 , 11=193.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) NOTE: DUE TO THE OVERALL LENGTH TO DEPTH RATIO OF THE ROOM, THE FLOOR MAY EXHIBIT OBJECTIONABLE VIBRATION AND OR BOUNCE. BUILDING DESIGNER TO CONSIDER PROVIDING MEANS TO DAMPEN THESE EFFECTS. TRUSS DESIGN SHALL BE REVIEWED AND APPROVED PRIOR TO MANUFACTURING.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	T01G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway — 8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:23 2023 Page 1
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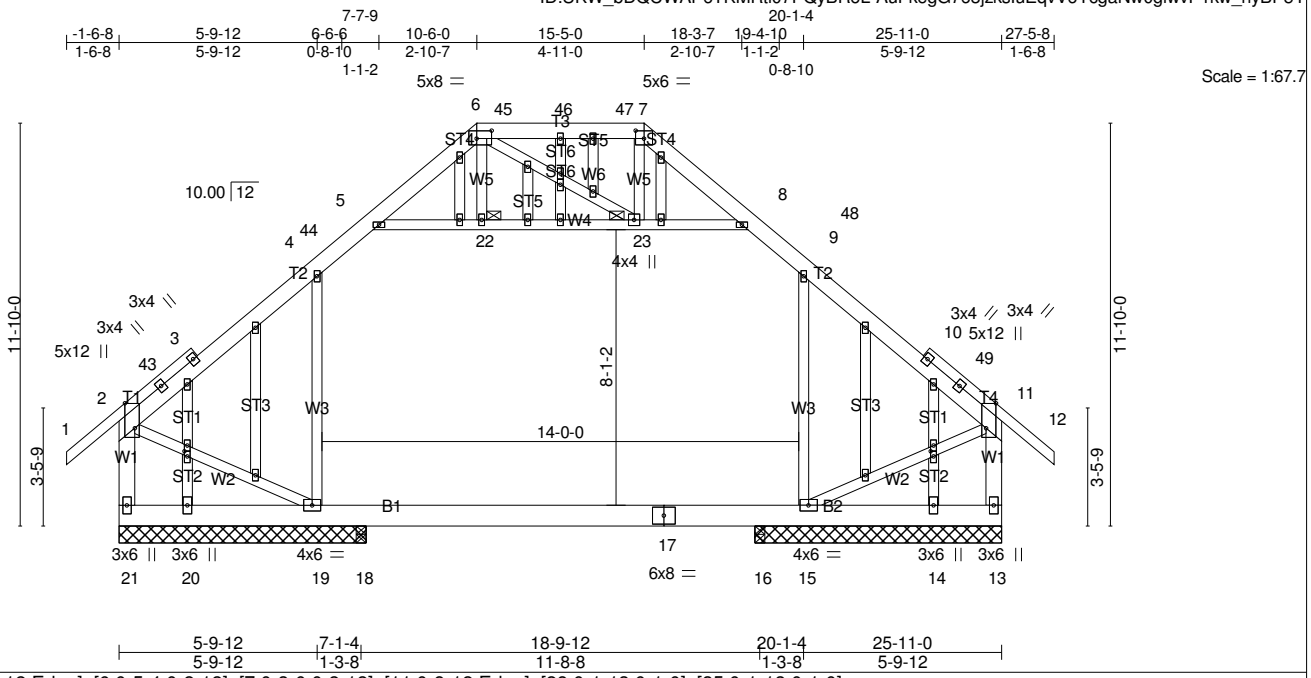

Plate Offsets (X,Y)-- [2:0-8-12,Edge], [6:0-5-4,0-2-12], [7:0-3-0,0-2-12], [11:0-8-12,Edge], [28:0-1-13,0-1-0], [35:0-1-13,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.09	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.13	16-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.20	Horz(CT)	-0.00	13	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS		Attic	-0.09	16-18	1561	360	Weight: 288 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
T1: 2x4 SP No.2, T4: 2x4 SP No.1
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
W1: 2x6 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 2, 6, 7, 11, 22, 23

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

REACTIONS. All bearings 7-3-0 except (jt=length) 18=0-3-8, 16=0-3-8.
(lb) - Max Horz 21=442(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) except 21=-192(LC 8), 19=-935(LC 18), 15=-935(LC 18), 13=-177(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 19, 15, 14, 20 except 21=643(LC 1), 13=642(LC 1), 18=1897(LC 18), 16=1897(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-43=-474/173, 3-43=-404/173, 3-4=-401/197, 4-44=-529/208, 5-44=-511/219, 5-6=-480/174, 6-45=-349/196, 45-46=-349/196, 46-47=-349/196, 7-47=-349/196, 7-8=-479/173, 8-48=-511/216, 9-48=-529/205, 9-10=-401/184, 10-49=-404/162, 11-49=-474/161, 2-21=-627/198, 11-13=-627/191
BOT CHORD 20-21=-414/398, 19-20=-414/398, 18-19=-197/346, 17-18=-197/346, 16-17=-197/346, 15-16=-197/346
WEBS 4-19=-497/366, 9-15=-489/366, 2-19=-182/369, 11-15=-176/369

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 25-8-4 to 25-9-0 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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, 5-22, 22-23, 8-23; Wall dead load (5.0psf) on member(s).4-19, 9-15
11) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 18-19, 16-18, 15-16
12) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.

Continued on page 2

NOTES-

13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 192 lb uplift at joint 21, 935 lb uplift at joint 19, 935 lb uplift at joint 15 and 177 lb uplift at joint 13.
14) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
15) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	T02	Attic	7	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:25 2023 Page 1

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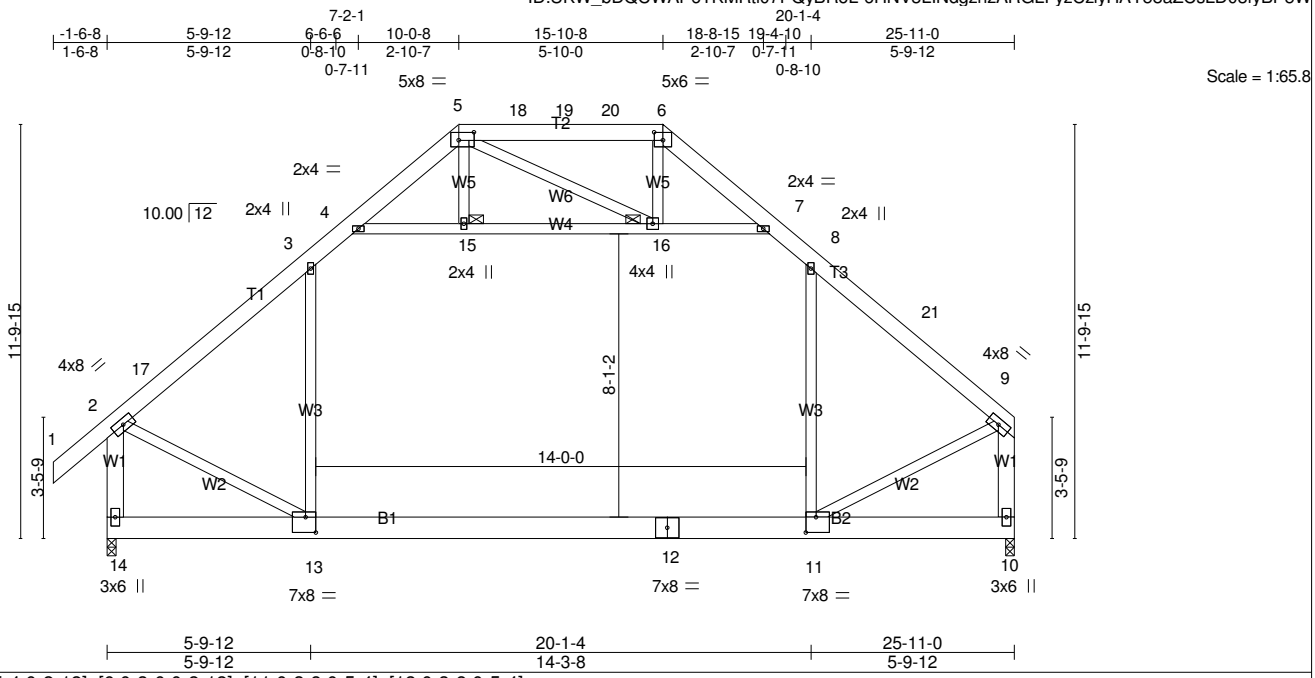

Plate Offsets (X,Y)-- [5:0-5-4,0-2-12], [6:0-3-0,0-2-12], [11:0-3-8,0-5-4], [13:0-3-8,0-5-4]

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	0.49	Vert(LL)	-0.34	11-13	>890	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.52	11-13	>583	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS		Attic	-0.30	11-13	564	360	Weight: 246 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
W1: 2x6 SP No.2

BRACING-

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

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

REACTIONS. (lb/size) 14=1332/0-3-0, 10=1230/0-3-0
Max Horz 14=436(LC 9)
Max Uplift 14=-191(LC 12), 10=-136(LC 13)
Max Grav 14=1615(LC 2), 10=1532(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-17=-1597/130, 3-17=-1470/154, 3-4=-1105/247, 4-5=-478/204, 5-18=-306/229, 18-19=-306/229, 19-20=-306/229, 6-20=-306/229, 6-7=-474/202, 7-8=-1107/250, 8-21=-1476/150, 9-21=-1594/132, 2-14=-1808/212, 9-10=-1740/133
BOT CHORD 13-14=-450/435, 12-13=-76/1198, 11-12=-76/1198
WEBS 3-13=-11/725, 4-15=-1059/162, 15-16=-1055/163, 7-16=-1067/167, 8-11=-27/712, 2-13=-91/1383, 9-11=-96/1365

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 25-8-4 to 25-8-4 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
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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Ceiling dead load (5.0 psf) on member(s). 3-4, 7-8, 4-15, 15-16, 7-16; Wall dead load (5.0psf) on member(s).3-13, 8-11
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 11-13
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 191 lb uplift at joint 14 and 136 lb uplift at joint 10.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) NOTE: DUE TO THE OVERALL LENGTH TO DEPTH RATIO OF THE ROOM, THE FLOOR MAY EXHIBIT OBJECTIONABLE VIBRATION AND OR BOUNCE. BUILDING DESIGNER TO CONSIDER PROVIDING MEANS TO DAMPEN THESE EFFECTS. TRUSS DESIGN SHALL BE REVIEWED AND APPROVED PRIOR TO MANUFACTURING.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	T03	ATTIC GIRDER	1	2	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:27 2023 Page 1

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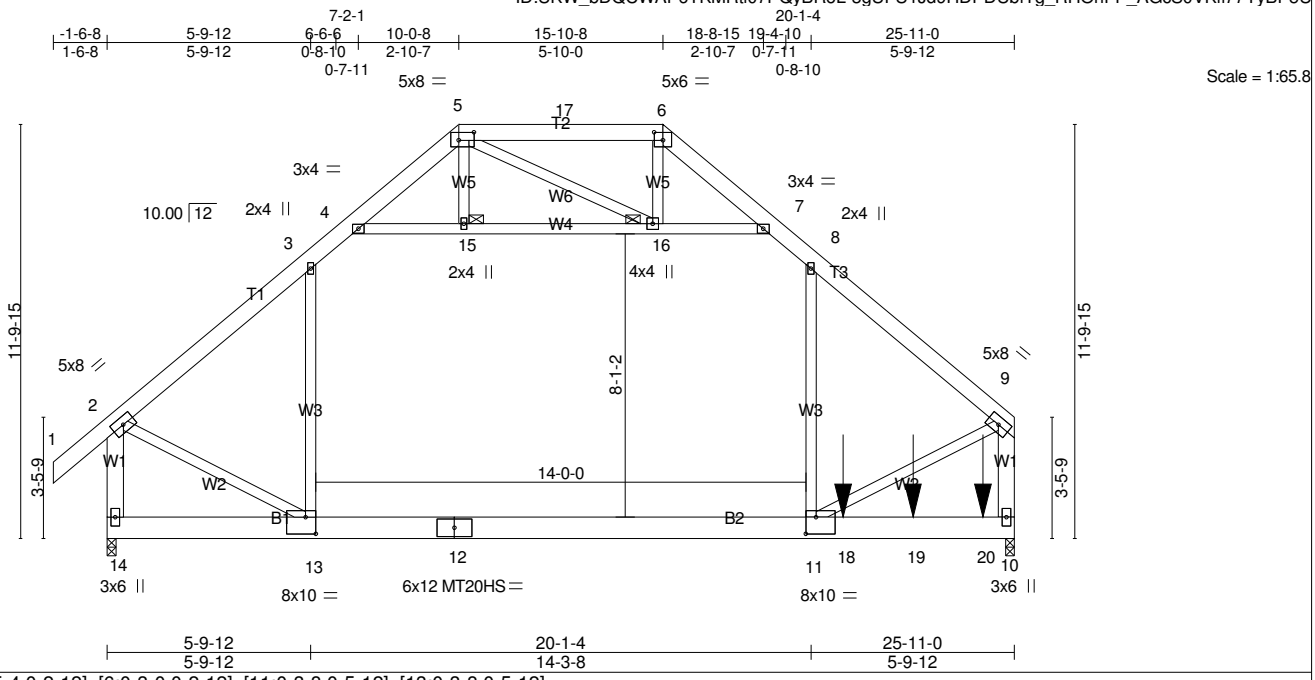

Plate Offsets (X,Y)-- [5:0-5-4,0-2-12], [6:0-3-0,0-2-12], [11:0-3-8,0-5-12], [13:0-3-8,0-5-12]

LOADING (psf)		**SPACING-** 5-0-0		**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.25	TC	0.70	Vert(LL)	-0.43	11-13	>712	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.78	Vert(CT)	-0.66	11-13	>466	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.70	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS		Attic	-0.38	11-13	451	360	Weight: 491 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
W1: 2x6 SP No.2

BRACING-

TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 5, 6, 9, 2, 15, 16

REACTIONS. (lb/size) 14=3354/0-3-0, 10=3270/0-3-0
Max Horz 14=1090(LC 5)
Max Uplift14=-552(LC 8), 10=-974(LC 9)
Max Grav 14=4056(LC 2), 10=4006(LC 37)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4062/528, 3-4=-2788/724, 4-5=-1189/520, 5-17=-766/577, 6-17=-766/577, 6-7=-1182/508, 7-8=-2785/706, 8-9=-4075/561, 2-14=-4592/525, 9-10=-4436/508
BOT CHORD 13-14=-1138/1113, 12-13=-311/3053, 11-12=-311/3053, 11-18=-297/147, 18-19=-297/147, 19-20=-297/147, 10-20=-297/147
WEBS 3-13=-10/1811, 4-15=-2729/572, 15-16=-2720/576, 7-16=-2723/533, 8-11=-115/1780, 2-13=-394/3540, 9-11=-305/3443, 6-16=-89/326, 5-16=-420/380

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 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 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) All plates are MT20 plates unless otherwise indicated.
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). 3-4, 7-8, 4-15, 15-16, 7-16; Wall dead load (5.0psf) on member(s).3-13, 8-11
11) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 11-13
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 552 lb uplift at joint 14 and 974 lb uplift at joint 10.

Continued on page 2

NOTES-

14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 119 lb down and 240 lb up at 21-0-4, and 119 lb down and 240 lb up at 23-0-4, and 121 lb down and 240 lb up at 25-0-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
15) NOTE: DUE TO THE OVERALL LENGTH TO DEPTH RATIO OF THE ROOM, THE FLOOR MAY EXHIBIT OBJECTIONABLE VIBRATION AND OR BOUNCE. BUILDING DESIGNER TO CONSIDER PROVIDING MEANS TO DAMPEN THESE EFFECTS. TRUSS DESIGN SHALL BE REVIEWED AND APPROVED PRIOR TO MANUFACTURING.
16) 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=-135, 2-3=-135, 3-4=-160, 4-5=-135, 5-6=-135, 6-7=-135, 7-8=-160, 8-9=-135, 13-14=-50, 11-13=-100, 10-11=-50, 4-7=-25
      Drag: 3-13=-25, 8-11=-25
   Concentrated Loads (lb)
      Vert: 18=-73(F) 19=-73(F) 20=-73(F)

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	T04	PIGGYBACK BASE GIRDE	1	2	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway — 8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:30 2023 Page 1
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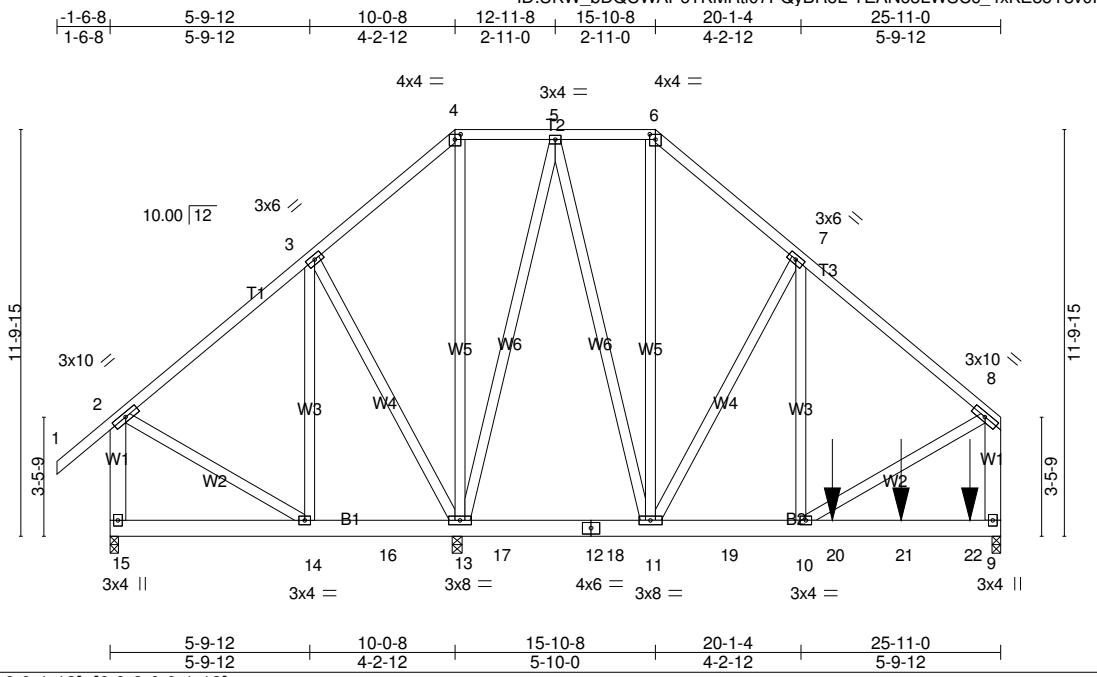

Plate Offsets (X,Y)-- [4:0-2-0,0-1-13], [6:0-2-0,0-1-13]

LOADING (psf)		SPACING-	5-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.52	Vert(LL)	-0.05	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.30	Vert(CT)	-0.06	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.77	Horz(CT)	0.01	9	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 518 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
W1: 2x6 SP No.2

BRACING-
TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals
(Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 15=1202/0-3-0, 13=2338/0-3-8, 9=1628/0-3-0
Max Horz 15=-975(LC 6)
Max Uplift 15=-288(LC 8), 13=-1210(LC 8), 9=-887(LC 9)
Max Grav 15=1239(LC 2), 13=2754(LC 35), 9=2423(LC 36)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-733/336, 3-4=-303/477, 4-5=-70/450, 5-6=-674/757, 6-7=-1008/791, 7-8=-1551/635, 2-15=-1061/313, 8-9=-1718/692
BOT CHORD 14-15=-873/894, 14-16=-483/759, 13-16=-483/759, 13-17=-255/589, 12-17=-255/589, 12-18=-255/589, 11-18=-255/589, 11-19=-192/1017, 10-19=-192/1017
WEBS 3-14=-154/454, 3-13=-1049/883, 4-13=-383/182, 5-13=-1367/757, 5-11=-548/1261, 7-11=-1209/949, 7-10=-157/683, 2-14=-275/574, 8-10=-172/1036

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) 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 288 lb uplift at joint 15, 1210 lb uplift at joint 13 and 887 lb uplift at joint 9.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 371 lb down and 150 lb up at 21-0-4, and 371 lb down and 150 lb up at 23-0-4, and 374 lb down and 150 lb up at 25-0-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Continued on page 2

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-2=-135, 2-4=-135, 4-6=-135, 6-8=-135, 9-15=-50
   Concentrated Loads (lb)
      Vert: 20=-73(B) 21=-73(B) 22=-73(B)

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	T05	Piggyback Base	8	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:32 2023 Page 1

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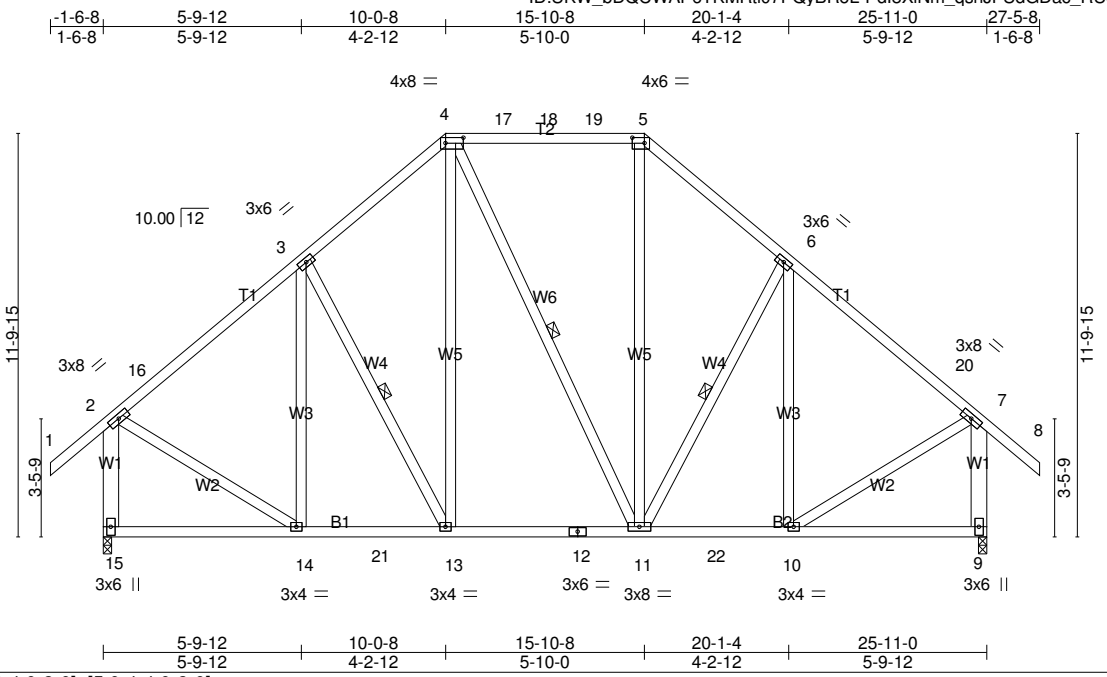

Plate Offsets (X,Y)-- [4:0-6-4,0-2-0], [5:0-4-4,0-2-0]

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 0.44	Vert(LL) -0.05 11-13 >999 240	MT20 244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.34	Vert(CT) -0.08 11-13 >999 180	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.51	Horz(CT) 0.01 9 n/a n/a	
BCDL 10.0	Code FBC2023/TPI2014	Matrix-MS		Weight: 227 lb FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W6: 2x4 SP No.2, W1: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
8-10-5 oc bracing: 14-15.
WEBS 1 Row at midpt 3-13, 4-11, 6-11

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

REACTIONS. (lb/size) 15=1038/0-3-0, 9=1038/0-3-0
Max Horz 15=-464(LC 10)
Max Uplift 15=-398(LC 12), 9=-398(LC 13)
Max Grav 15=1147(LC 2), 9=1143(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-873/314, 3-16=-790/341, 3-4=-818/443, 4-17=-576/407, 17-18=-576/407, 18-19=-576/407, 5-19=-576/407, 5-6=-813/443, 6-20=-786/341, 7-20=-869/314, 2-15=-1054/452, 7-9=-1050/452
BOT CHORD 14-15=-432/432, 14-21=-343/799, 13-21=-343/799, 12-13=-269/697, 11-12=-269/697, 11-22=-140/629, 10-22=-140/629
WEBS 3-13=-244/260, 4-13=-199/418, 5-11=-156/319, 6-11=-243/260, 2-14=-123/683, 7-10=-124/680

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 25-8-4 to 25-8-4 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
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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) 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 398 lb uplift at joint 15 and 398 lb uplift at joint 9.
9) 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	GARY THOMPSON - OGBURN
3778272	T05G	Piggyback Base Supported Gable	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:35 2023 Page 1
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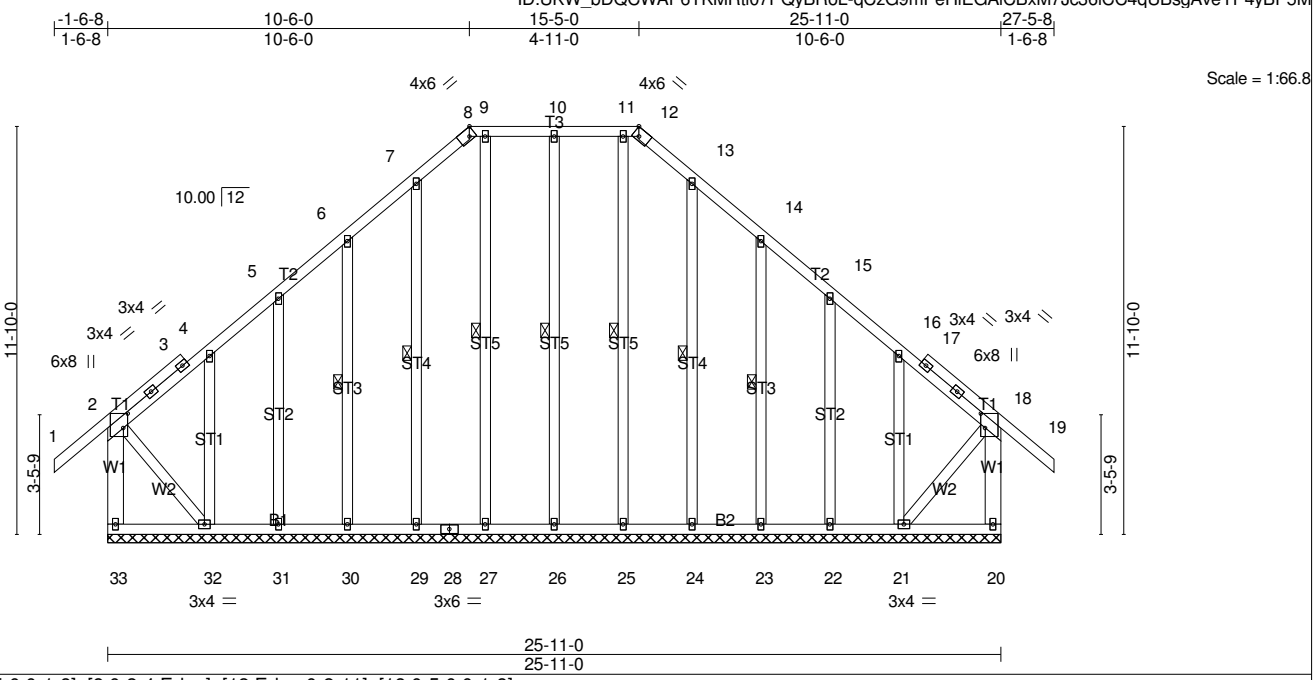

Plate Offsets (X,Y)-- [2:0-5-0,0-1-8], [8:0-2-4,Edge], [12:Edge,0-2-11], [18:0-5-0,0-1-8]

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	0.27	Vert(LL)	0.02	19	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	0.01	19	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.01	20	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 265 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x6 SP No.2 *Except*
W2: 2x4 SP No.3
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 32-33,20-21.
WEBS 1 Row at midpt 10-26, 9-27, 7-29, 6-30, 11-25, 13-24, 14-23

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

REACTIONS. All bearings 25-11-0.
(lb) - Max Horz 33=-455(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 26, 27, 25, 24 except 33=-269(LC 8), 20=-145(LC 9), 29=-101(LC 12), 30=-152(LC 12), 31=-141(LC 12), 32=-401(LC 12), 23=-152(LC 13), 22=-141(LC 13), 21=-388(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 26, 27, 29, 30, 31, 25, 24, 23, 22 except 33=407(LC 20), 20=307(LC 19), 32=408(LC 10), 21=333(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-33=-379/285, 6-7=-148/256, 7-8=-187/322, 8-9=-161/288, 9-10=-161/288, 10-11=-161/288, 11-12=-161/288, 12-13=-187/322, 13-14=-148/256, 18-20=-280/153
BOT CHORD 32-33=-427/399, 31-32=-222/356, 30-31=-222/356, 29-30=-222/356, 28-29=-222/356, 27-28=-222/356, 26-27=-222/356, 25-26=-222/356, 24-25=-222/356, 23-24=-222/356, 22-23=-222/356, 21-22=-222/356
WEBS 2-32=-359/448, 18-21=-258/390

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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 requires continuous bottom chord bearing.
8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
9) Gable studs spaced at 2-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * 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.
12) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.

Continued on page 2

NOTES-

13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 26, 27, 25, 24 except (jt=lb) 33=269, 20=145, 29=101, 30=152, 31=141, 32=401, 23=152, 22=141, 21=388.

14) 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	GARY THOMPSON - OGBURN
3778272	T06	Piggyback Base	4	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:37 2023 Page 1

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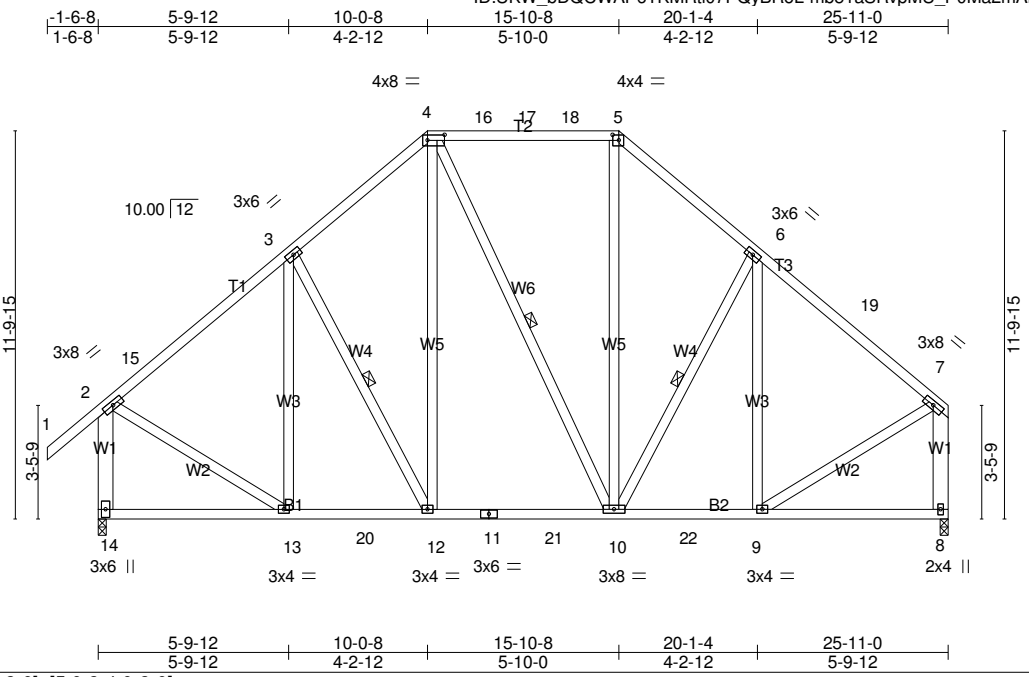

Plate Offsets (X,Y)-- [4:0-6-4,0-2-0], [5:0-2-4,0-2-0]

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	0.45	Vert(LL)	-0.05	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.08	10-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 224 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W6: 2x4 SP No.2, W1: 2x6 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-10-15 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD Rigid ceiling directly applied or 9-0-4 oc bracing.
WEBS 1 Row at midpt 3-12, 4-10, 6-10

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

REACTIONS. (lb/size) 14=1041/0-3-0, 8=939/0-3-0
Max Horz 14=448(LC 9)
Max Uplift 14=-396(LC 12), 8=-342(LC 13)
Max Grav 14=1149(LC 2), 8=1061(LC 2)

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

TOP CHORD 2-15=-874/312, 3-15=-792/339, 3-4=-820/440, 4-16=-579/401, 16-17=-579/401, 17-18=-579/401, 5-18=-579/401, 5-6=-819/440, 6-19=-787/325, 7-19=-871/309, 2-14=-1056/449, 7-8=-969/363
BOT CHORD 13-14=-419/401, 13-20=-361/778, 12-20=-361/778, 11-12=-287/676, 11-21=-287/676, 10-21=-287/676, 10-22=-227/617, 9-22=-227/617
WEBS 3-12=-243/260, 4-12=-199/417, 5-10=-157/325, 6-10=-248/257, 2-13=-121/683, 7-9=-171/671

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 25-8-4 to 25-8-4 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
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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) 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) except (jt=lb) 14=396, 8=342.
9) 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	GARY THOMPSON - OGBURN
3778272	T07	Piggyback Base	2	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:39 2023 Page 1

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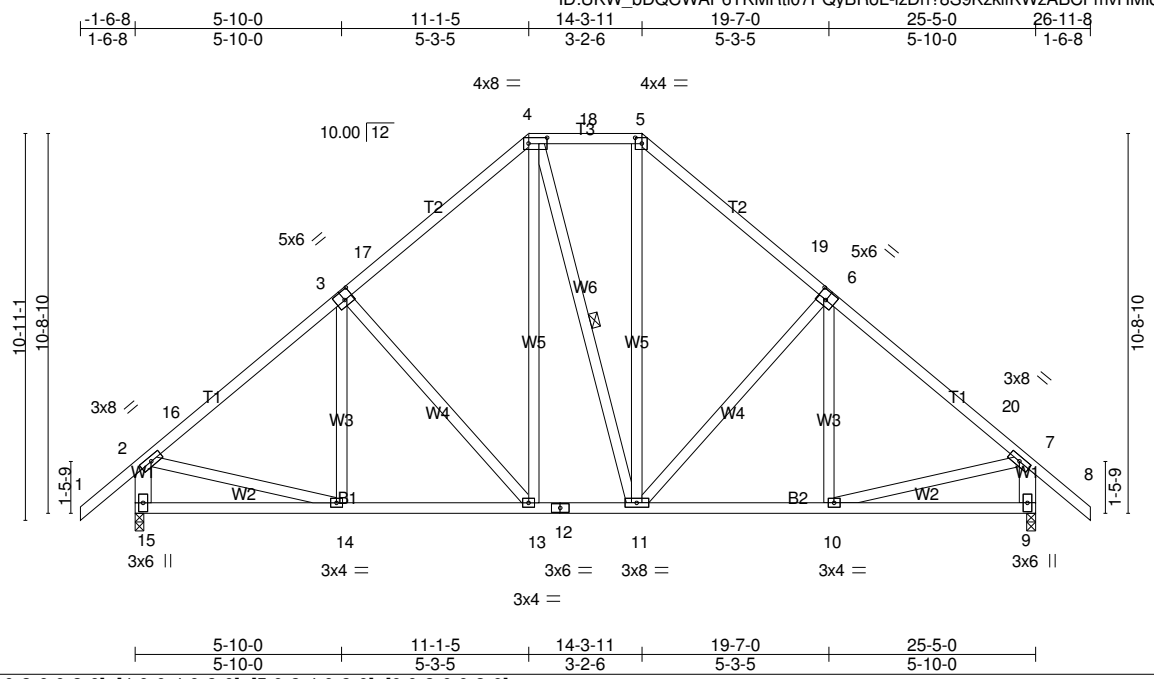

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-6-4,0-2-0], [5:0-2-4,0-2-0], [6:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	-0.03	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.06	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.02	9	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 199 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W1: 2x6 SP No.2

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

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

REACTIONS. (lb/size) 15=1019/0-3-0, 9=1019/0-3-0
Max Horz 15=-399(LC 10)
Max Uplift15=-391(LC 12), 9=-391(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-994/335, 3-16=-820/362, 3-17=-809/395, 4-17=-706/420, 4-18=-544/400, 5-18=-544/400, 5-19=-707/421, 6-19=-810/395, 6-20=-820/362, 7-20=-994/335, 2-15=-967/443, 7-9=-966/434
BOT CHORD 14-15=-372/434, 13-14=-288/801, 12-13=-176/591, 11-12=-176/591, 10-11=-133/689
WEBS 3-13=-318/311, 4-13=-204/309, 5-11=-187/279, 6-11=-316/310, 2-14=-114/638, 7-10=-116/637

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 25-2-4 to 25-2-4 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
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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) 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) except (jt=lb) 15=391, 9=391.
9) 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	GARY THOMPSON - OGBURN
3778272	T07G	Piggyback Base Supported Gable	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:41 2023 Page 1

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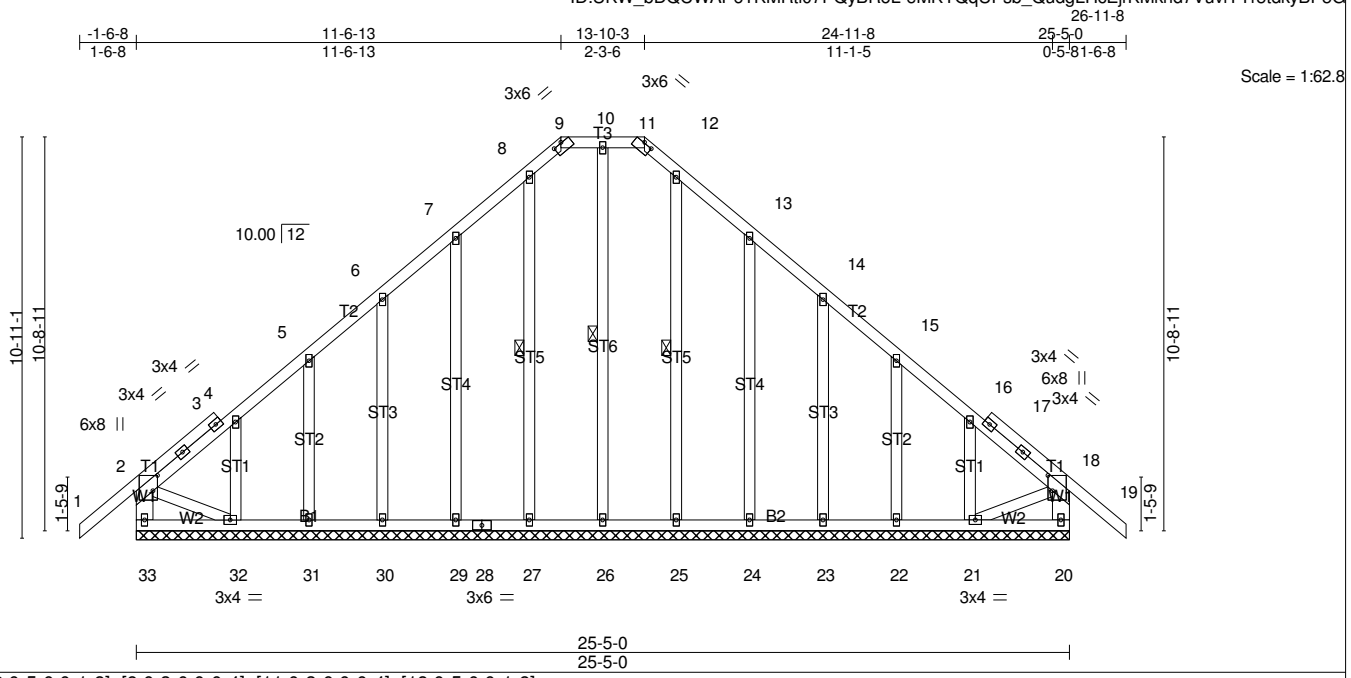

Plate Offsets (X,Y)-- [2:0-5-0,0-1-8], [9:0-3-0,0-0-4], [11:0-3-0,0-0-4], [18:0-5-0,0-1-8]

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	0.27	Vert(LL)	-0.01	19	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.02	19	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.01	20	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 218 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x6 SP No.2 *Except*
	W2: 2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	2-0-0 oc purlins (6-0-0 max.), except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 32-33,20-21.
WEBS	1 Row at midpt 10-26, 8-27, 12-25

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

REACTIONS. All bearings 25-5-0.

(lb) - Max Horz 33=-390(LC 10)

Max Uplift All uplift 100 lb or less at joint(s) 20, 26, 27, 25 except 33=-157(LC 8), 29=-159(LC 12), 30=-137(LC 12), 31=-142(LC 12), 32=-261(LC 12), 24=-162(LC 13), 23=-136(LC 13), 22=-143(LC 13), 21=-247(LC 13)

Max Grav All reactions 250 lb or less at joint(s) 26, 27, 29, 30, 31, 32, 25, 24, 23, 22, 21 except 33=296(LC 20), 20=256(LC 22)

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

TOP CHORD	2-33=-270/160, 2-3=-317/226, 3-4=-308/238, 16-17=-265/145, 17-18=-274/125
BOT CHORD	32-33=-339/339, 31-32=-180/325, 30-31=-180/325, 29-30=-180/325, 28-29=-180/325, 27-28=-180/325, 26-27=-180/325, 25-26=-180/325, 24-25=-180/325, 23-24=-180/325, 22-23=-180/325, 21-22=-180/325
WEBS	2-32=-217/323, 18-21=-163/298

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) 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 requires continuous bottom chord bearing.
8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
9) Gable studs spaced at 2-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * 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.
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) 20, 26, 27, 25 except (jt=lb) 33=157, 29=159, 30=137, 31=142, 32=261, 24=162, 23=136, 22=143, 21=247.

Continued on page 2

NOTES-

14) 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	GARY THOMPSON - OGBURN
3778272	T08	Piggyback Base	6	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:43 2023 Page 1

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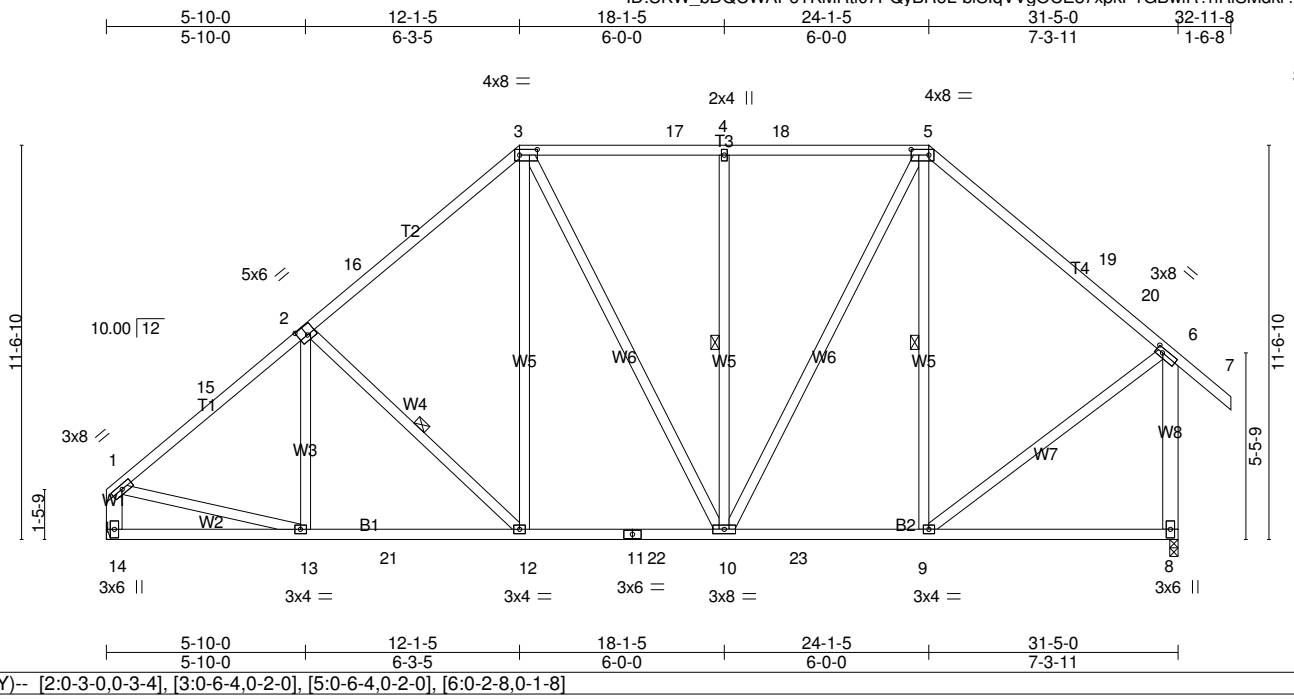

Plate Offsets (X,Y)-- [2:0-3-0,0-3-4], [3:0-6-4,0-2-0], [5:0-6-4,0-2-0], [6:0-2-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	-0.07	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.14	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 248 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W6: 2x4 SP No.2, W1,W8: 2x6 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-8-6 oc purlins, except end verticals, and 2-0-0 oc purlins (5-10-10 max.): 3-5.
BOT CHORD Rigid ceiling directly applied or 8-0-15 oc bracing.
WEBS 1 Row at midpt 2-12, 4-10, 5-9

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

REACTIONS. (lb/size) 14=1143/Mechanical, 8=1244/0-3-0
Max Horz 14=445(LC 11)
Max Uplift 14=-448(LC 12), 8=-476(LC 13)
Max Grav 14=1296(LC 2), 8=1376(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-15=-1437/490, 2-15=-1295/508, 2-16=-1236/528, 3-16=-1138/558, 3-17=-905/492, 4-17=-905/492, 4-18=-905/492, 5-18=-905/492, 5-19=-863/437, 19-20=-899/413, 6-20=-974/403, 1-14=-1209/461, 6-8=-1262/521
BOT CHORD 13-14=-426/408, 13-21=-539/1215, 12-21=-539/1215, 11-12=-425/933, 11-22=-425/933, 10-22=-425/933, 10-23=-261/659, 9-23=-261/659
WEBS 2-12=-394/330, 3-12=-187/533, 4-10=-367/291, 5-10=-321/559, 1-13=-228/995, 6-9=-286/770

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 31-2-4 to 31-2-4 zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 14=448, 8=476.
10) 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	GARY THOMPSON - OGBURN
3778272	T08G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:46 2023 Page 1

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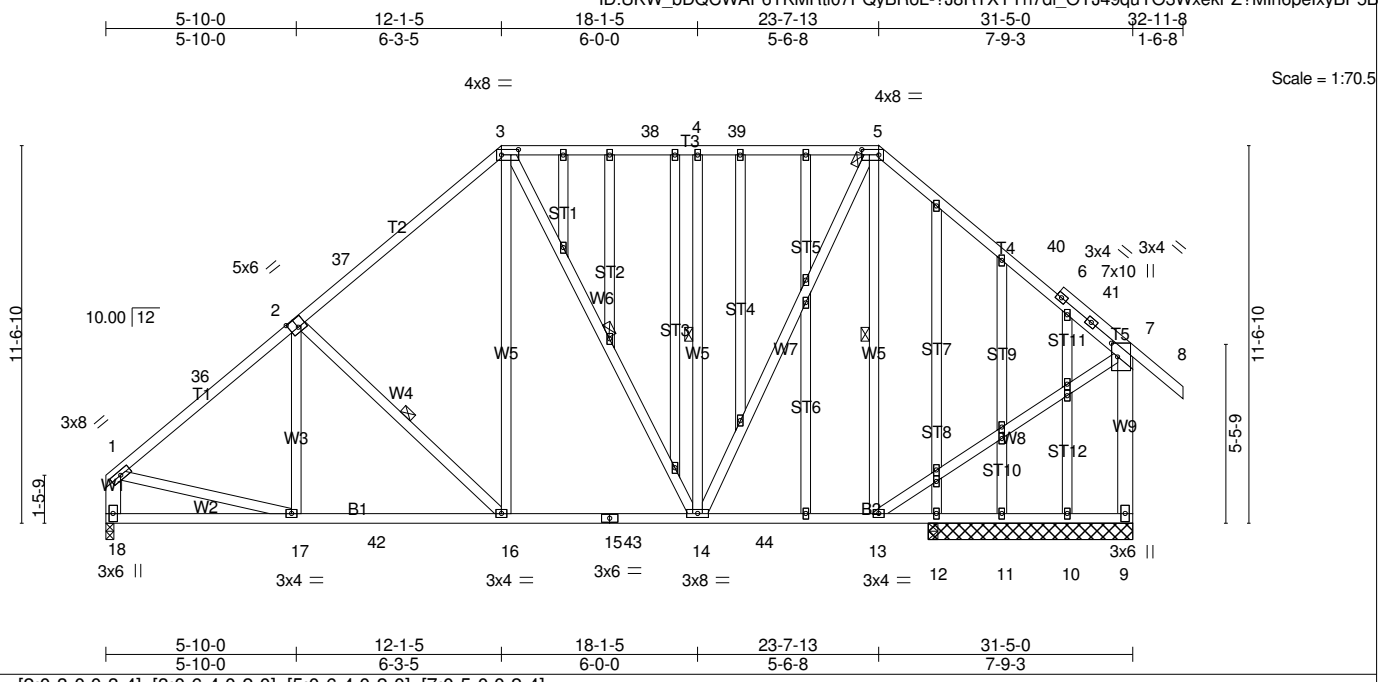

Plate Offsets (X,Y)-- [2:0-3-0,0-3-4], [3:0-6-4,0-2-0], [5:0-6-4,0-2-0], [7:0-5-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.07	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.12	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 343 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W6,W7: 2x4 SP No.2, W1,W9: 2x6 SP No.2
OTHERS 2x4 SP No.3

BRACING-

TOP CHORD 2-0-0 oc purlins (4-9-3 max.), except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-1-7 oc bracing.
WEBS 1 Row at midpt 2-16, 3-14, 4-14, 5-13

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

REACTIONS. All bearings 6-3-0 except (jt=length) 18=0-3-0.
(lb) - Max Horz 18=440(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 11, 12 except 18=-444(LC 12), 9=-507(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 10, 11, 12, 12 except 18=1262(LC 2), 9=1183(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-36=-1396/485, 2-36=-1255/502, 2-37=-1189/522, 3-37=-1092/552, 3-38=-852/485, 4-38=-852/485, 4-39=-852/485, 5-39=-852/485, 5-40=-796/431, 6-40=-827/407, 6-41=-869/391, 7-41=-905/388, 1-18=-1176/457, 7-9=-1139/506
BOT CHORD 17-18=-421/404, 17-42=-533/1186, 16-42=-533/1186, 15-16=-420/900, 15-43=-420/900, 14-43=-420/900, 14-44=-265/606, 13-44=-265/606
WEBS 2-16=-399/331, 3-16=-187/532, 4-14=-350/280, 5-14=-311/593, 5-13=-299/196, 1-17=-224/964, 7-13=-283/655

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 31-2-4 to 31-2-4 zone; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) 11, 12 except (jt=lb) 18=444, 9=507.
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	GARY THOMPSON - OGBURN
3778272	T09	Piggyback Base	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:48 2023 Page 1

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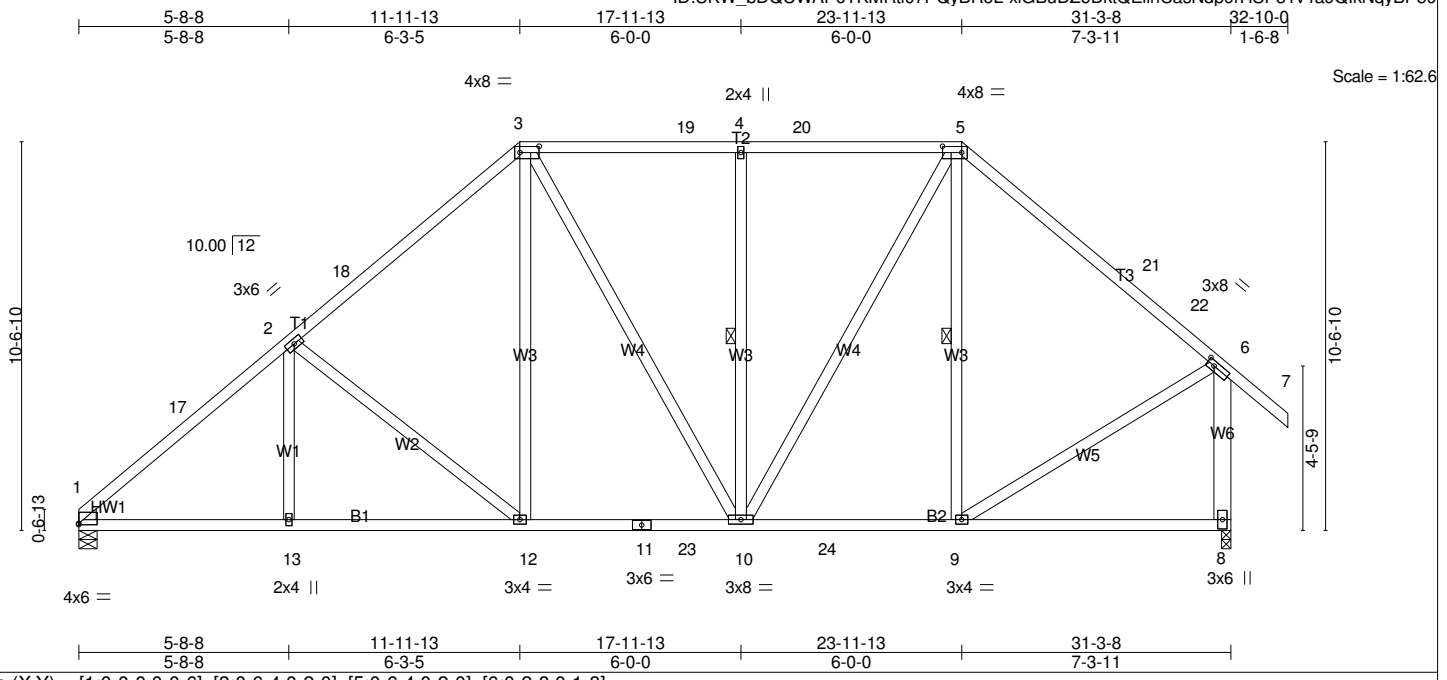

Plate Offsets (X,Y)-- [1:0-0-0,0-0-6], [3:0-6-4,0-2-0], [5:0-6-4,0-2-0], [6:0-2-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	-0.08	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.15	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 225 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W6: 2x6 SP No.2
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-5 oc purlins, except end verticals, and 2-0-0 oc purlins (5-7-11 max.): 3-5.
BOT CHORD Rigid ceiling directly applied or 7-10-3 oc bracing.
WEBS 1 Row at midpt 4-10, 5-9

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

REACTIONS. (lb/size) 1=1147/0-6-0, 8=1248/0-3-0
Max Horz 1=412(LC 11)
Max Uplift 1=-456(LC 12), 8=-476(LC 13)
Max Grav 1=1270(LC 2), 8=1369(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-17=-1690/588, 2-17=-1548/605, 2-18=-1331/544, 3-18=-1237/575, 3-19=-985/504, 4-19=-985/504, 4-20=-985/504, 5-20=-985/504, 5-21=-940/430, 21-22=-976/406, 6-22=-1051/396, 6-8=-1255/516
BOT CHORD 1-13=-565/1382, 12-13=-565/1382, 11-12=-424/989, 11-23=-424/989, 10-23=-424/989, 10-24=-257/718, 9-24=-257/718
WEBS 2-12=-508/380, 3-12=-193/574, 4-10=-366/291, 5-10=-315/565, 6-9=-282/779

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 31-0-12 to 31-0-12 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) 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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) 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) except (jt=lb) 1=456, 8=476.
9) 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	GARY THOMPSON - OGBURN
3778272	T09G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:50 2023 Page 1

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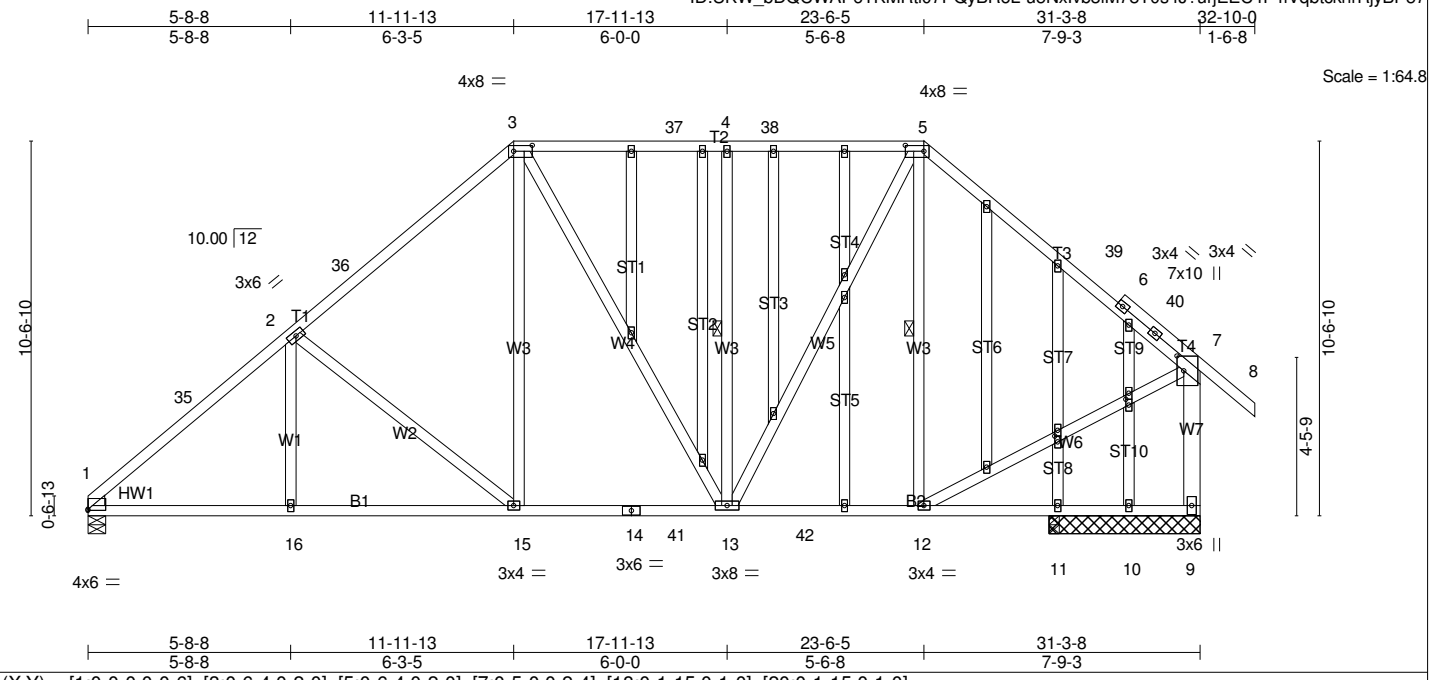

Plate Offsets (X,Y)-- [1:0-0-0,0-0-6], [3:0-6-4,0-2-0], [5:0-6-4,0-2-0], [7:0-5-0,0-2-4], [18:0-1-15,0-1-0], [20:0-1-15,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.54	Vert(LL)	-0.08	13-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.14	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.04	9	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 304 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W7: 2x6 SP No.2
OTHERS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-

TOP CHORD 2-0-0 oc purlins (4-4-14 max.), except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-10-9 oc bracing.
WEBS 1 Row at midpt 4-13, 5-12

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

REACTIONS. All bearings 4-3-0 except (jt=length) 1=0-6-0.
(lb) - Max Horz 1=407(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 10, 11 except 1=-457(LC 12), 9=-530(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 10, 11, 11 except 1=1252(LC 2), 9=1235(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-35=-1663/590, 2-35=-1521/607, 2-36=-1303/547, 3-36=-1208/577, 3-37=-953/506, 4-37=-953/506, 4-38=-953/506, 5-38=-953/506, 5-39=-913/445, 6-39=-946/421, 6-40=-988/405, 7-40=-1024/402, 7-9=-1182/521
BOT CHORD 1-16=-560/1362, 15-16=-560/1362, 14-15=-420/967, 14-41=-420/967, 13-41=-420/967, 13-42=-265/697, 12-42=-265/697
WEBS 2-15=-510/380, 3-15=-193/571, 4-13=-349/279, 5-13=-301/577, 7-12=-286/695

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 31-0-12 to 31-0-12 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) 10, 11 except (jt=lb) 1=457, 9=530.
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	GARY THOMPSON - OGBURN
3778272	T10	Piggyback Base	5	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:53 2023 Page 1

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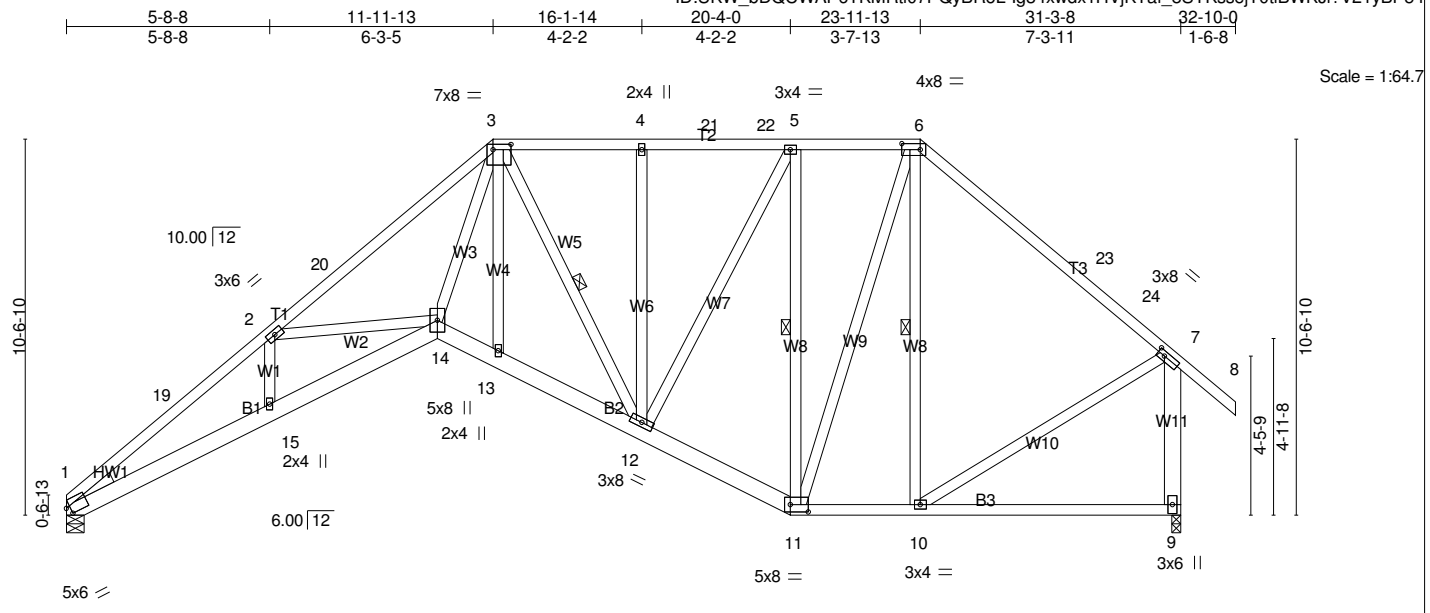

Plate Offsets (X,Y)-- [1:0-1-4,0-2-8], [3:0-6-0,0-1-12], [6:0-6-4,0-2-0], [7:0-2-8,0-1-8], [11:0-6-0,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.84	Vert(LL)	0.22	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.35	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.30	9	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 261 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T1: 2x4 SP No.1
BOT CHORD 2x6 SP No.2 *Except*
B3: 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
W11: 2x6 SP No.2
WEDGE
Left: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-5-7 max.): 3-6.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 3-12, 5-11, 6-10

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

REACTIONS. (lb/size) 1=1147/0-6-0, 9=1248/0-3-0
Max Horz 1=412(LC 11)
Max Uplift1=-455(LC 12), 9=-476(LC 13)

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

TOP CHORD 1-19=-3085/1360, 2-19=-2915/1386, 2-20=-2736/1117, 3-20=-2624/1141, 3-4=-1110/586, 4-21=-1110/586, 21-22=-1110/586, 5-22=-1110/586, 5-6=-788/466, 6-23=-819/429, 23-24=-864/405, 7-24=-956/395, 7-9=-1179/517
BOT CHORD 1-15=-1320/2535, 14-15=-1352/2599, 13-14=-815/1585, 12-13=-837/1629, 11-12=-411/893, 10-11=-257/624
WEBS 2-14=-431/478, 3-14=-979/1997, 3-12=-843/428, 4-12=-253/204, 5-12=-379/707, 5-11=-837/519, 6-11=-339/544, 7-10=-278/669

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 31-0-12 to 31-0-12 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) 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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
8) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=455, 9=476.
10) 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	GARY THOMPSON - OGBURN
3778272	T11	Piggyback Base	4	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:55 2023 Page 1

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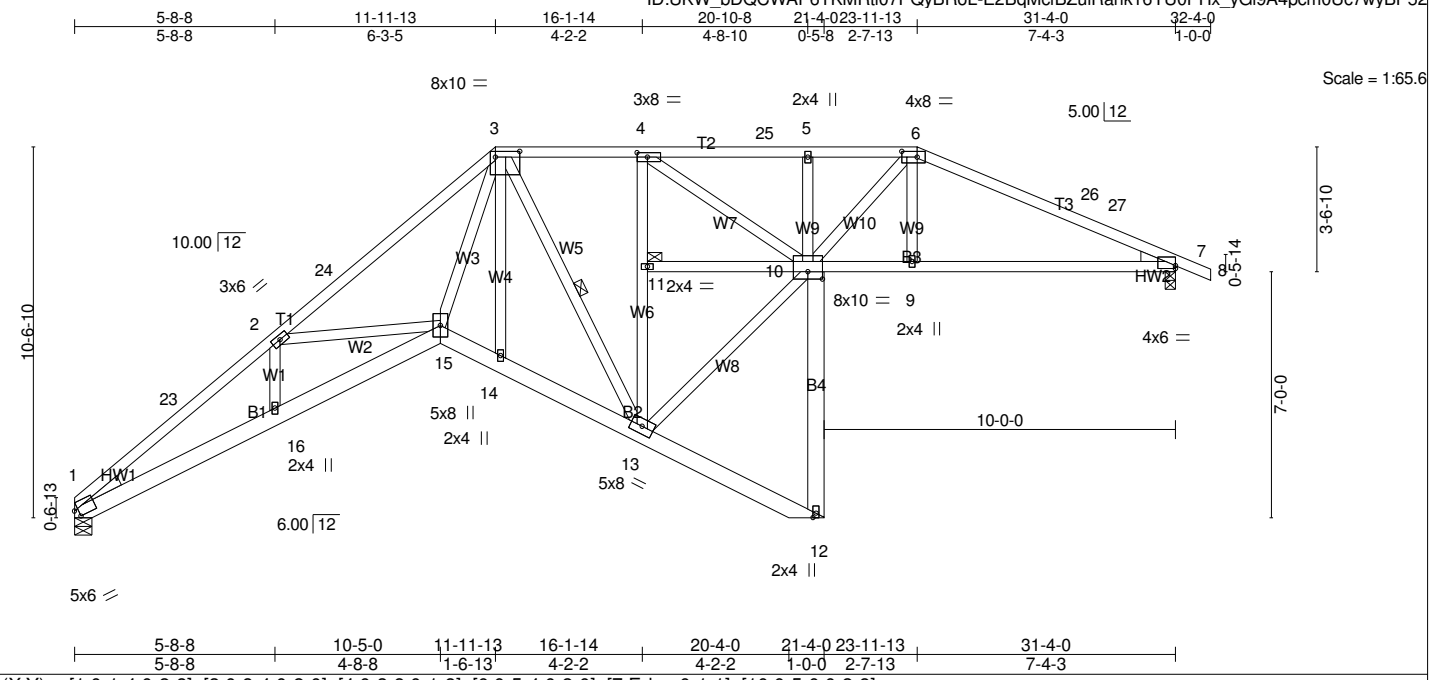

Plate Offsets (X,Y)-- [1:0-1-4,0-2-8], [3:0-8-4,0-2-0], [4:0-3-8,0-1-8], [6:0-5-4,0-2-0], [7:Edge,0-1-1], [10:0-5-0,0-2-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.25	TC	0.85	Vert(LL)	0.26	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.41	15-16	>908	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.31	7	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 235 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T1: 2x4 SP No.1
BOT CHORD 2x6 SP No.2 *Except*
B3: 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3 , Right: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (3-6-11 max.): 3-6.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 3-13
JOINTS 1 Brace at Jt(s): 11

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

REACTIONS. (lb/size) 1=1158/0-6-0, 7=1214/0-3-8
Max Horz 1=404(LC 12)
Max Uplift1=-366(LC 12), 7=-472(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-23=-3121/1491, 2-23=-2951/1507, 2-24=-2778/1313, 3-24=-2666/1337, 3-4=-1143/665, 4-25=-2443/1212, 5-25=-2443/1212, 5-6=-2430/1202, 6-26=-2207/1033, 26-27=-2236/1019, 7-27=-2291/1013
BOT CHORD 1-16=-1523/2547, 15-16=-1555/2626, 14-15=-742/1612, 13-14=-759/1645, 9-10=-829/2043, 7-9=-829/2036
WEBS 2-15=-440/474, 3-15=-1022/2031, 3-13=-755/465, 11-13=-1112/518, 4-11=-1109/517, 10-13=-673/1571, 6-10=-312/697, 6-9=-5/263, 4-10=-652/1550

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 28-5-0 to 32-4-0 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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
8) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=366, 7=472.
10) 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	GARY THOMPSON - OGBURN
3778272	T11G	GABLE	2	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:11:57 2023 Page 1

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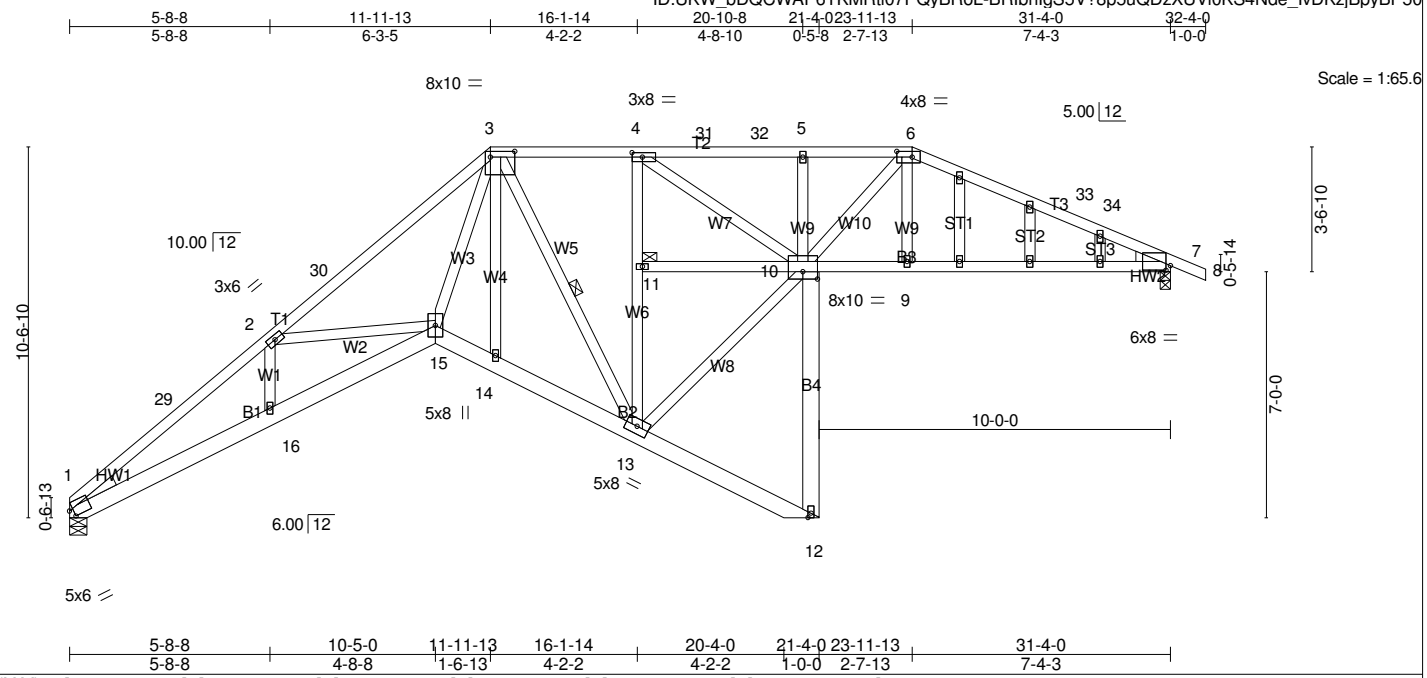

Plate Offsets (X,Y)-- [1:0-1-4,0-2-8], [3:0-8-4,0-2-0], [4:0-3-8,0-1-8], [6:0-5-4,0-2-0], [7:0-1-8,0-1-10], [10:0-5-0,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.85	Vert(LL)	0.29	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.41	15-16	>908	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.31	7	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 242 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
T1: 2x4 SP No.1
BOT CHORD 2x6 SP No.2 *Except*
B3: 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3 , Right: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (3-6-11 max.): 3-6.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 3-13
JOINTS 1 Brace at Jt(s): 11

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

REACTIONS. (lb/size) 1=1158/0-6-0, 7=1214/0-3-8
Max Horz 1=404(LC 12)
Max Uplift1=-434(LC 12), 7=-480(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-29=-3121/1610, 2-29=-2951/1637, 2-30=-2778/1374, 3-30=-2666/1398, 3-4=-1143/608, 4-31=-2443/1091, 31-32=-2443/1091, 5-32=-2443/1091, 5-6=-2430/1082, 6-33=-2207/928, 33-34=-2236/914, 7-34=-2291/908
BOT CHORD 1-16=-1692/2547, 15-16=-1730/2626, 14-15=-825/1612, 13-14=-843/1645, 9-10=-751/2043, 7-9=-751/2036
WEBS 2-15=-440/448, 3-15=-1161/2031, 3-13=-755/511, 11-13=-1112/518, 4-11=-1109/517, 10-13=-707/1571, 6-10=-348/697, 6-9=0/263, 4-10=-586/1550

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 28-5-0 to 32-4-0 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) 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) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
11) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=434, 7=480.

Continued on page 2

NOTES-

13) 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	GARY THOMPSON - OGBURN
3778272	T12	Piggyback Base	5	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:12:00 2023 Page 1

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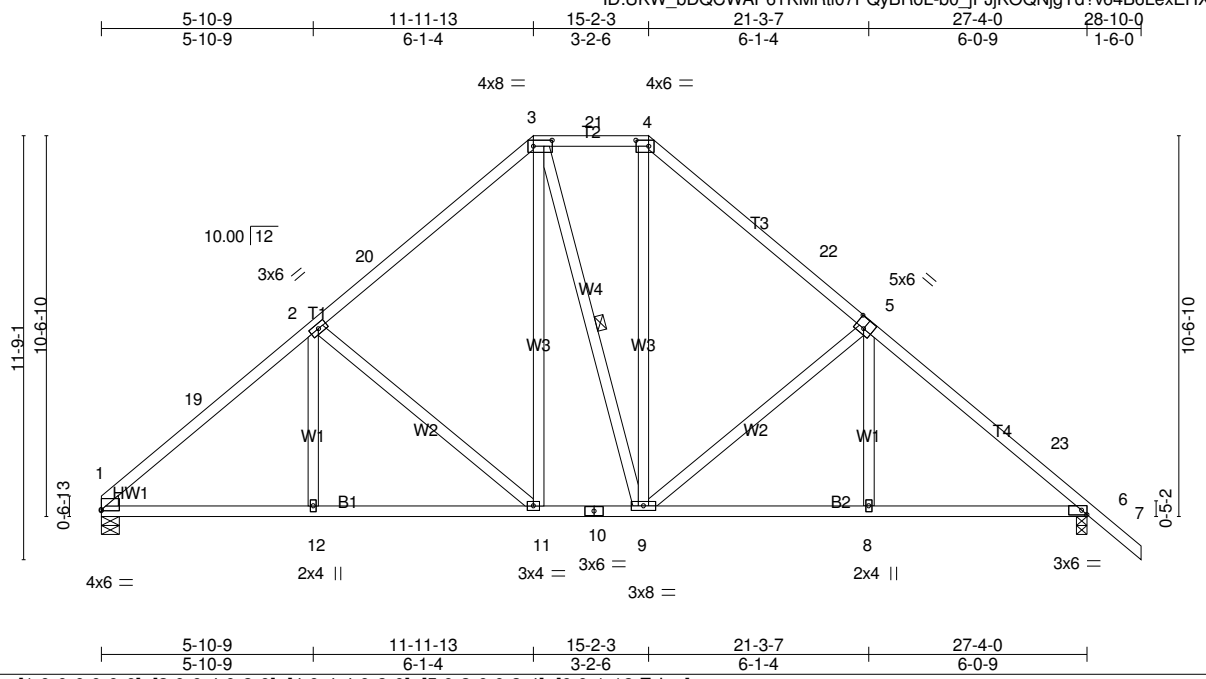

Plate Offsets (X,Y)-- [1:0-0-0,0-0-6], [3:0-6-4,0-2-0], [4:0-4-4,0-2-0], [5:0-3-0,0-3-4], [6:0-1-12,Edge]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.50	Vert(LL) -0.05 11-12 >999 240	MT20 244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.43	Vert(CT) -0.12 11-12 >999 180	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.58	Horz(CT) 0.04 6 n/a n/a	
BCDL 10.0	Code FBC2023/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
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-14 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Rigid ceiling directly applied or 8-9-13 oc bracing.
WEBS 1 Row at midpt 3-9

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

REACTIONS. (lb/size) 1=1009/0-6-0, 6=1095/0-3-8
Max Horz 1=-350(LC 8)
Max Uplift1=-367(LC 12), 6=-423(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-19=-1335/453, 2-19=-1156/471, 2-20=-990/432, 3-20=-872/462, 3-21=-673/440, 4-21=-673/440, 4-22=-873/462, 5-22=-992/433, 5-23=-1169/468, 6-23=-1350/443
BOT CHORD 1-12=-424/1039, 11-12=-424/1039, 10-11=-160/696, 9-10=-160/696, 8-9=-232/967, 6-8=-231/968
WEBS 2-12=0/250, 2-11=-451/386, 3-11=-211/369, 4-9=-210/364, 5-9=-467/386, 5-8=0/265

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 19-5-2 to 28-10-0 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) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) 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) except (jt=lb) 1=367, 6=423.
9) 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	GARY THOMPSON - OGBURN
3778272	T13	Common	5	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway — 8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:12:01 2023 Page 1
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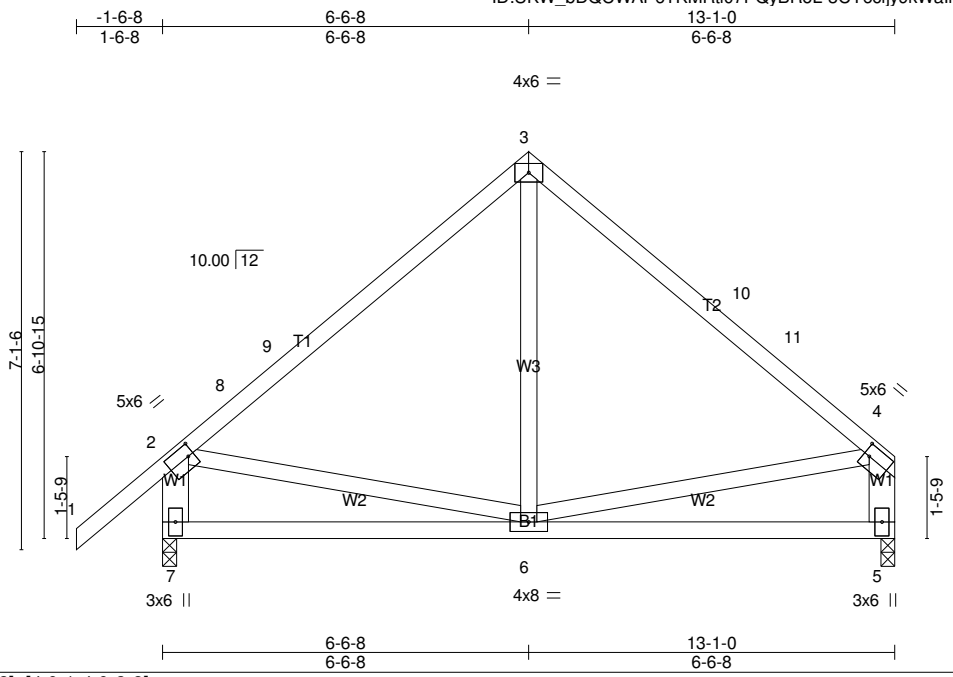

Plate Offsets (X,Y)-- [2:0-1-4,0-2-8], [4:0-1-4,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	-0.03	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.06	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 81 lb	FT = 20%

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

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

REACTIONS. (lb/size) 7=569/0-3-0, 5=460/0-3-0
Max Horz 7=260(LC 9)
Max Uplift7=-219(LC 12), 5=-157(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-440/247, 8-9=-368/255, 3-9=-343/278, 3-10=-335/278, 10-11=-336/259, 4-11=-431/255, 2-7=-513/469, 4-5=-404/328
BOT CHORD 6-7=-330/351
WEBS 2-6=-134/258

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 12-10-4 to 12-10-4 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
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) 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) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=219, 5=157.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	T13G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway — 8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:12:03 2023 Page 1
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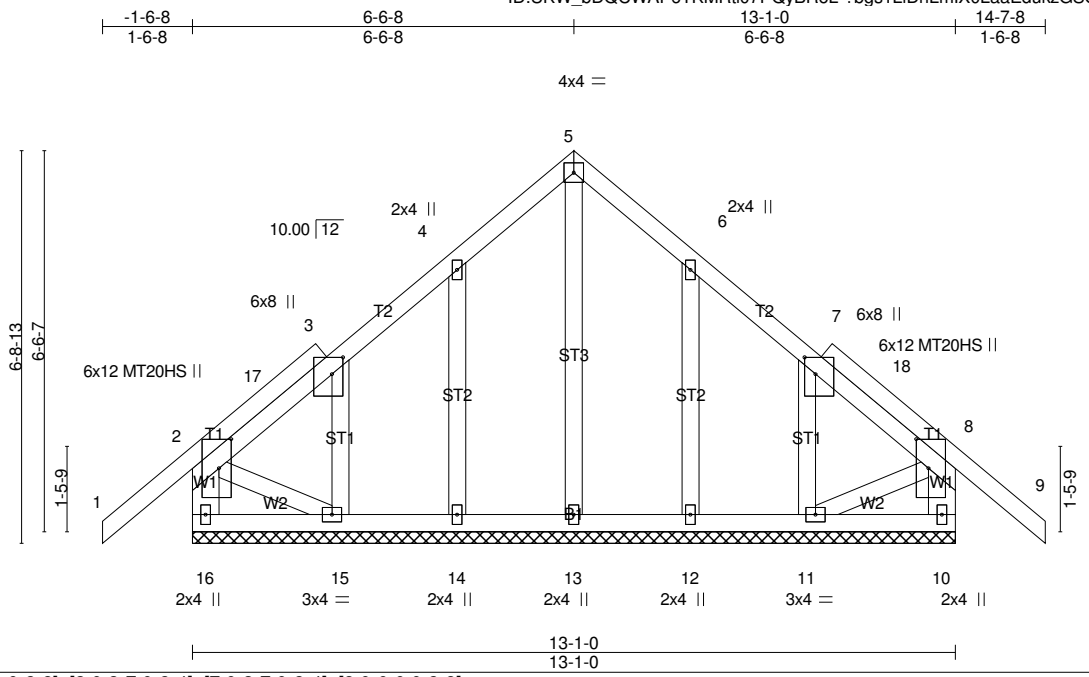

Plate Offsets (X,Y)-- [2:0-6-0,0-2-8], [3:0-3-7,0-2-4], [7:0-3-7,0-2-4], [8:0-6-0,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	-0.01	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	-0.02	9	n/r	120	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 100 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x6 SP No.2 *Except*
W2: 2x4 SP No.3
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

REACTIONS. All bearings 13-1-0.
(lb) - Max Horz 16=-255(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 16, 10 except 14=-142(LC 12), 15=-207(LC 12), 12=-143(LC 13), 11=-199(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 16, 10, 13, 14, 15, 12, 11

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 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 12-10-4 to 12-10-4 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
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) All plates are MT20 plates unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
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) 16, 10 except (jt=lb) 14=142, 15=207, 12=143, 11=199.
13) 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	GARY THOMPSON - OGBURN
3778272	T14	Common Girder	1	2	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:12:06 2023 Page 1
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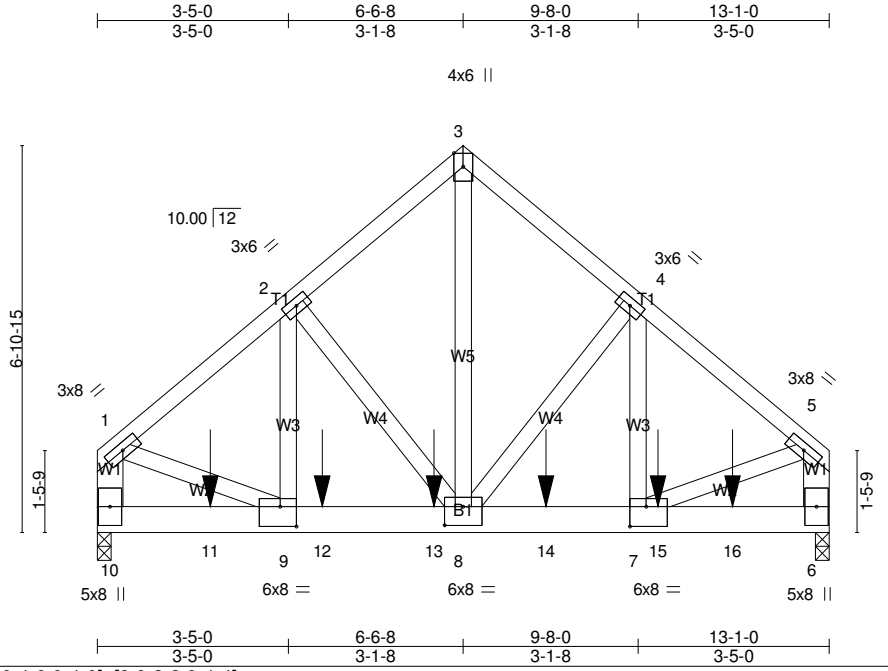

Plate Offsets (X,Y)-- [7:0-3-8,0-4-4], [8:0-4-0,0-4-0], [9:0-3-8,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.22	Vert(LL)	-0.03	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.06	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.70	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 207 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 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.

REACTIONS. (lb/size) 10=3639/0-3-0, 6=4032/0-3-0
Max Horz 10=225(LC 5)
Max Uplift 10=-1440(LC 8), 6=-1598(LC 9)
Max Grav 10=4008(LC 2), 6=4455(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3776/1384, 2-3=-3020/1191, 3-4=-3019/1191, 4-5=-3992/1461, 1-10=-3462/1263, 5-6=-3631/1322
BOT CHORD 10-11=-308/407, 9-11=-308/407, 9-12=-1073/2855, 12-13=-1073/2855, 8-13=-1073/2855, 8-14=-1054/3021, 7-14=-1054/3021, 7-15=-163/385, 15-16=-163/385, 6-16=-163/385
WEBS 3-8=-1400/3655, 4-8=-1158/552, 4-7=-530/1430, 2-8=-894/458, 2-9=-402/1084, 1-9=-955/2744, 5-7=-986/2827

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=1440 , 6=1598.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1276 lb down and 468 lb up at 2-0-4, 1276 lb down and 468 lb up at 4-0-4, 1276 lb down and 468 lb up at 6-0-4, 1276 lb down and 468 lb up at 8-0-4, and 1276 lb down and 468 lb up at 10-0-4, and 1276 lb down and 468 lb up at 11-4-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Continued on page 2

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, 6-10=-20
   Concentrated Loads (lb)
      Vert: 11=-1123(F) 12=-1123(F) 13=-1123(F) 14=-1123(F) 15=-1123(F) 16=-1123(F)

Job	Truss	Truss Type	Qty	Ply	GARY THOMPSON - OGBURN
3778272	T15	Monopitch	17	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055, Kim Holloway

8.720 s Aug 20 2023 MiTek Industries, Inc. Thu Dec 7 10:12:08 2023 Page 1
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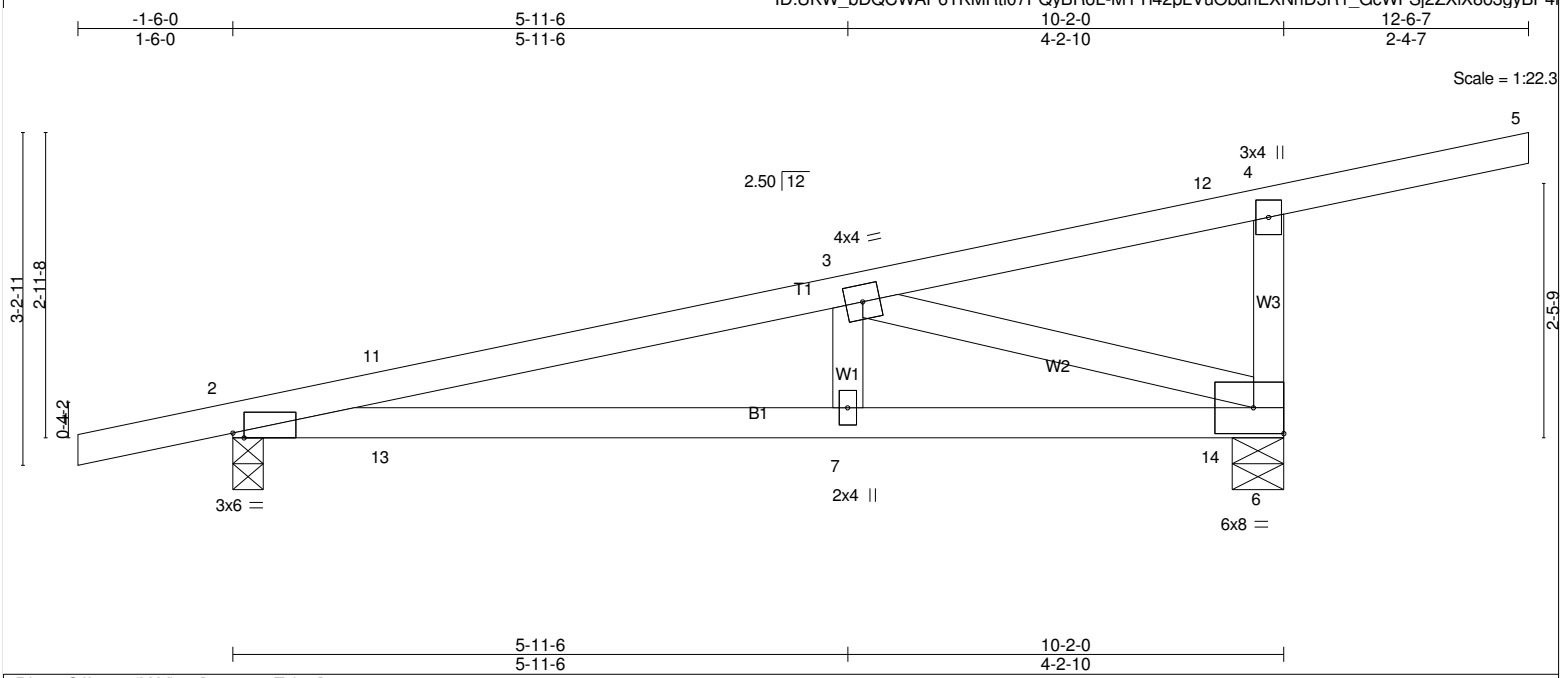

Plate Offsets (X,Y)-- [2:0-1-5,Edge]

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	0.60	Vert(LL)	0.16	7-10	>775	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	0.14	7-10	>878	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.48	Horz(CT)	-0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 47 lb	FT = 20%

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

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

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

REACTIONS. (lb/size) 6=518/0-6-0, 2=441/0-3-8
Max Horz 2=147(LC 8)
Max Uplift6=-403(LC 8), 2=-362(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-755/1391, 3-11=-753/1399, 4-6=-256/427
BOT CHORD 2-13=-1513/722, 7-13=-1513/722, 7-14=-1513/722, 6-14=-1513/722
WEBS 3-7=-509/220, 3-6=-780/1625

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C 10-0-4 to 10-0-4 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) 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) 6=403, 2=362.

LOAD CASE(S) Standard