Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A1	Common	8	1	Job Reference (optional)

ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-uWn4An320fWfPuty6e_navMZYNO1L_9?Qazp_ryMdt7

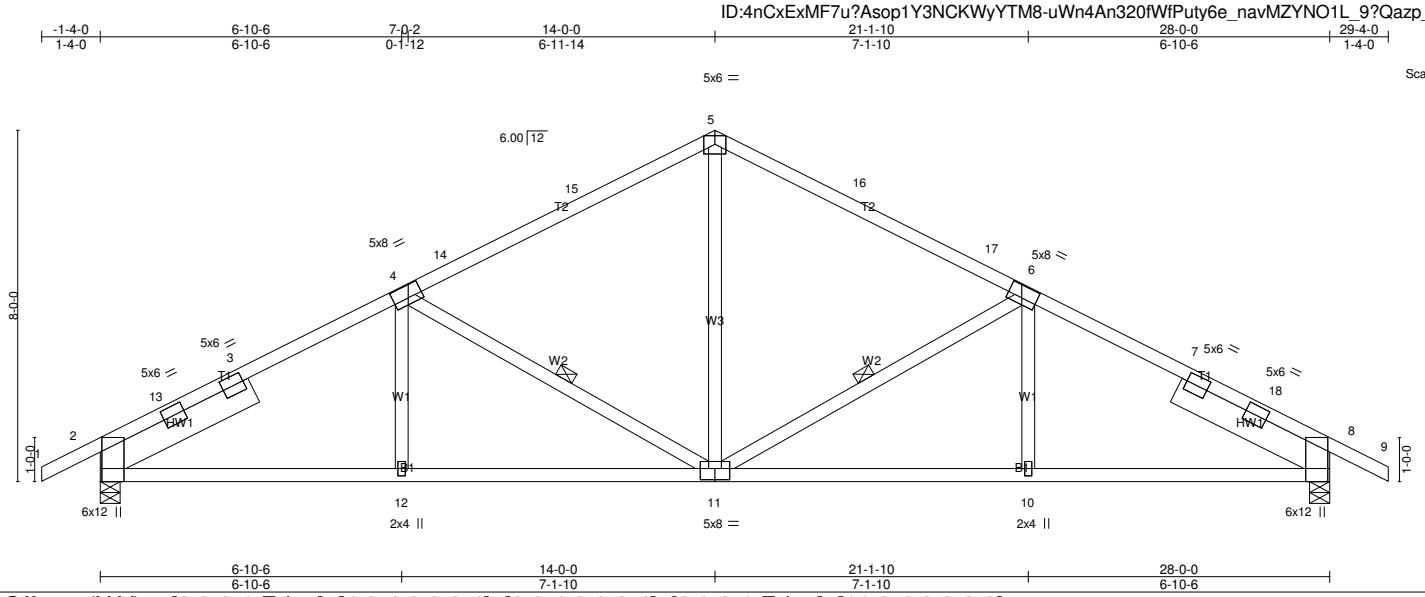

Plate Offsets (X,Y)-- [2:0-8-1,Edge], [4:0-4-0,0-3-4], [6:0-4-0,0-3-4], [8:0-8-1,Edge], [11:0-4-0,0-3-0]

LOADING (psf)			**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.16	10-11	>999	240	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.26	11-12	>999	180		
TCDL	7.0		Rep Stress Incr	YES	WB	0.38	Horz(CT)	0.10	8	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 131 lb	FT =

LUMBER-

TOP CHORD	2x4 SP 2400F 2.0E *Except*
	T1: 2x4 SPF 1650F 1.5E
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
SLIDER	Left 2x8 SPF No.2 -h 3-11-2,
	Right 2x8 SPF No.2 -h 3-11-2

BRACING-

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

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

REACTIONS. (lb/size) 2=1911/0-5-8 (min. 0-3-1), 8=1911/0-5-8 (min. 0-3-1)
Max Horz 2=135(LC 15)
Max Uplift2=-173(LC 16), 8=-173(LC 16)
Max Grav 2=1936(LC 2), 8=1936(LC 2)

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

TOP CHORD	2-13=-2819/224, 3-13=-2655/228, 3-4=-2656/247, 4-14=-2033/229, 14-15=-1870/241, 5-15=-1840/253, 5-16=-1840/253, 16-17=-1870/241, 6-17=-2033/229, 6-7=-2656/247, 7-18=-2655/228, 8-18=-2818/224
BOT CHORD	2-12=-137/2289, 11-12=-140/2285, 10-11=-135/2285, 8-10=-132/2289
WEBS	5-11=-44/893, 6-11=-885/133, 6-10=0/285, 4-11=-885/133, 4-12=0/285

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=28ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 1-8-0, Interior(1) 1-8-0 to 14-0-0, Exterior(2) 14-0-0 to 17-0-0, Interior(1) 17-0-0 to 29-4-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.

Continued on page 2

NOTES-

6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=173, 8=173.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A1A	COMMON	8	1	Job Reference (optional)

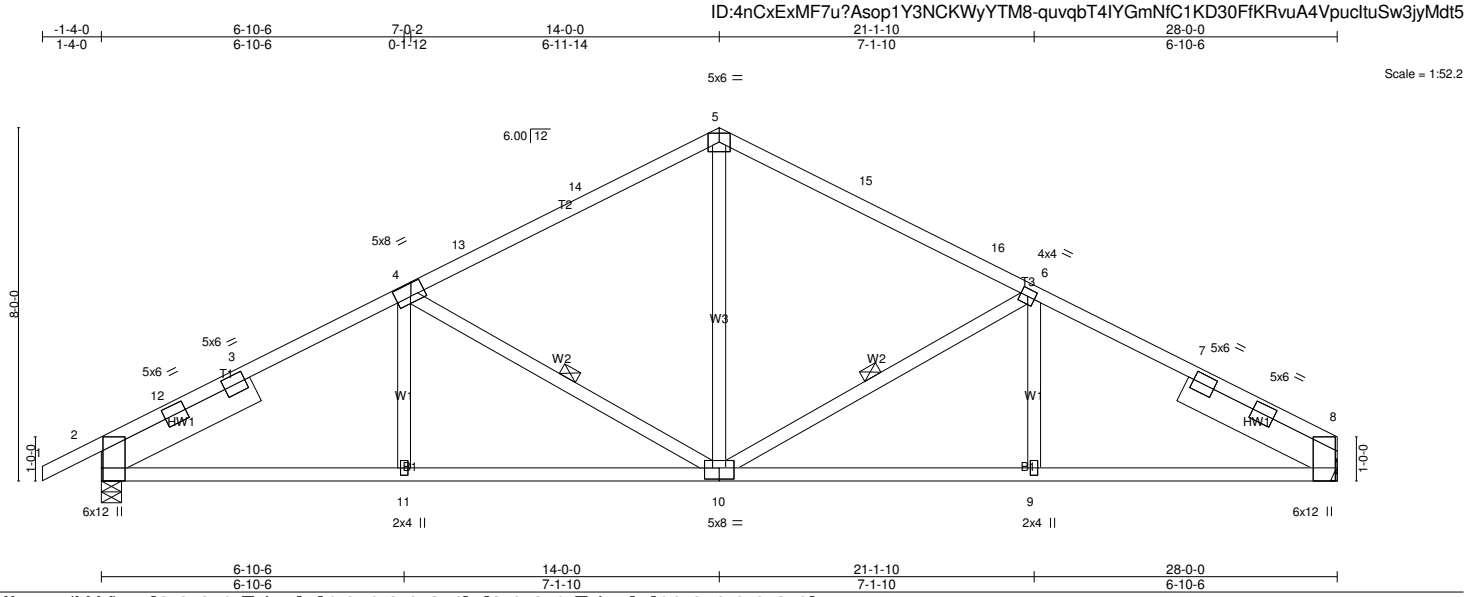

Plate Offsets (X,Y)-- [2:0-8-1,Edge], [4:0-4-0,0-3-4], [8:0-8-1,Edge], [10:0-4-0,0-3-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.99	Vert(LL)	-0.16	10-11	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.25	10-11	>999	180		
TCDL	7.0	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.11	8	n/a	n/a		
BCLL	0.0 *	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0										Weight: 132 lb	FT =

LUMBER-

TOP CHORD	2x4 SP 2400F 2.0E *Except*
	T1: 2x4 SPF 1650F 1.5E
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
SLIDER	Left 2x8 SPF No.2 -h 3-11-2,
	Right 2x8 SPF No.2 -h 3-11-2

BRACING-

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 6-10, 4-10

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

REACTIONS. (lb/size) 8=1766/Mechanical, 2=1915/0-5-8 (min. 0-3-1)
Max Horz 2=-135(LC 14)
Max Uplift 8=-124(LC 16), 2=-174(LC 16)
Max Grav 8=1789(LC 2), 2=1939(LC 2)

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

TOP CHORD	2-12=-2825/226, 3-12=-2661/229, 3-4=-2663/249, 4-13=-2040/231, 13-14=-1877/242, 5-14=-1847/254, 5-15=-1847/262, 15-16=-1877/250, 6-16=-2047/238, 6-7=-2689/272, 7-8=-2853/249
BOT CHORD	2-11=-129/2295, 10-11=-132/2290, 9-10=-139/2326, 8-9=-139/2326
WEBS	5-10=-52/898, 6-10=-923/137, 6-9=0/287, 4-10=-866/132, 4-11=0/285

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=28ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 1-8-0, Interior(1) 1-8-0 to 14-0-0, Exterior(2) 14-0-0 to 17-0-0, Interior(1) 17-0-0 to 28-0-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

NOTES-

7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=124, 2=174.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A1B	COMMON	6	1	Job Reference (optional)

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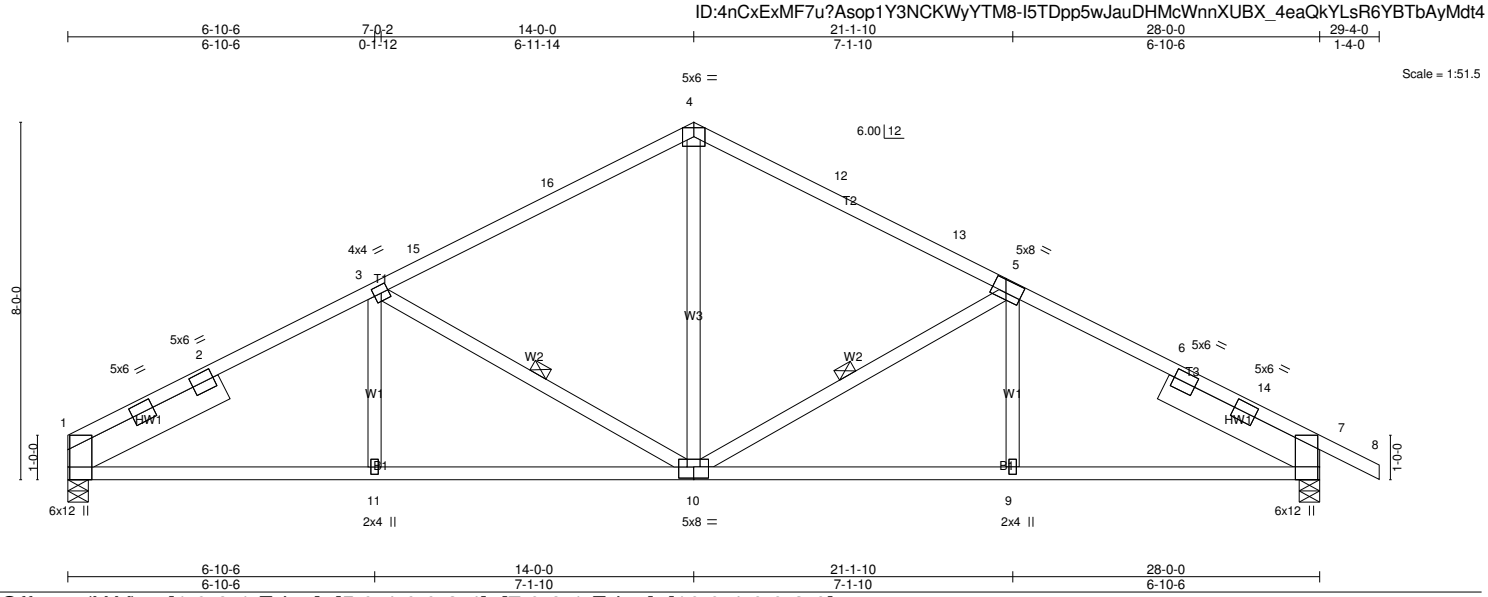

Plate Offsets (X,Y)-- [1:0-8-1,Edge], [5:0-4-0,0-3-4], [7:0-8-1,Edge], [10:0-4-0,0-3-0]

LOADING (psf)			**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.99	Vert(LL)	-0.16	9-10	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.25	9-10	>999	180		
TCDL	7.0		Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.11	7	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 132 lb	FT =

LUMBER-

TOP CHORD	2x4 SP 2400F 2.0E *Except*
	T3: 2x4 SPF 1650F 1.5E
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
SLIDER	Left 2x8 SPF No.2 -h 3-11-2,
	Right 2x8 SPF No.2 -h 3-11-2

BRACING-

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

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

REACTIONS. (lb/size) 1=1766/0-5-8 (min. 0-2-13), 7=1915/0-5-8 (min. 0-3-1)
Max Horz 1=135(LC 15)
Max Uplift 1=-124(LC 16), 7=-174(LC 16)
Max Grav 1=1789(LC 2), 7=1939(LC 2)

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

TOP CHORD	4-12=-1847/254, 12-13=-1877/242, 5-13=-2040/231, 5-6=-2663/249, 6-14=-2661/229, 7-14=-2824/226, 1-2=-2853/249, 2-3=-2689/272, 3-15=-2047/238, 15-16=-1877/250, 4-16=-1847/262
BOT CHORD	1-11=-148/2326, 10-11=-148/2326, 9-10=-142/2290, 7-9=-139/2295
WEBS	4-10=-52/898, 5-10=-866/132, 5-9=0/285, 3-10=-923/137, 3-11=0/287

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=28ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 14-0-0, Exterior(2) 14-0-0 to 17-0-0, Interior(1) 17-0-0 to 29-4-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

NOTES-

7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=124, 7=174.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A1BGA	GABLE	1	1	Job Reference (optional)

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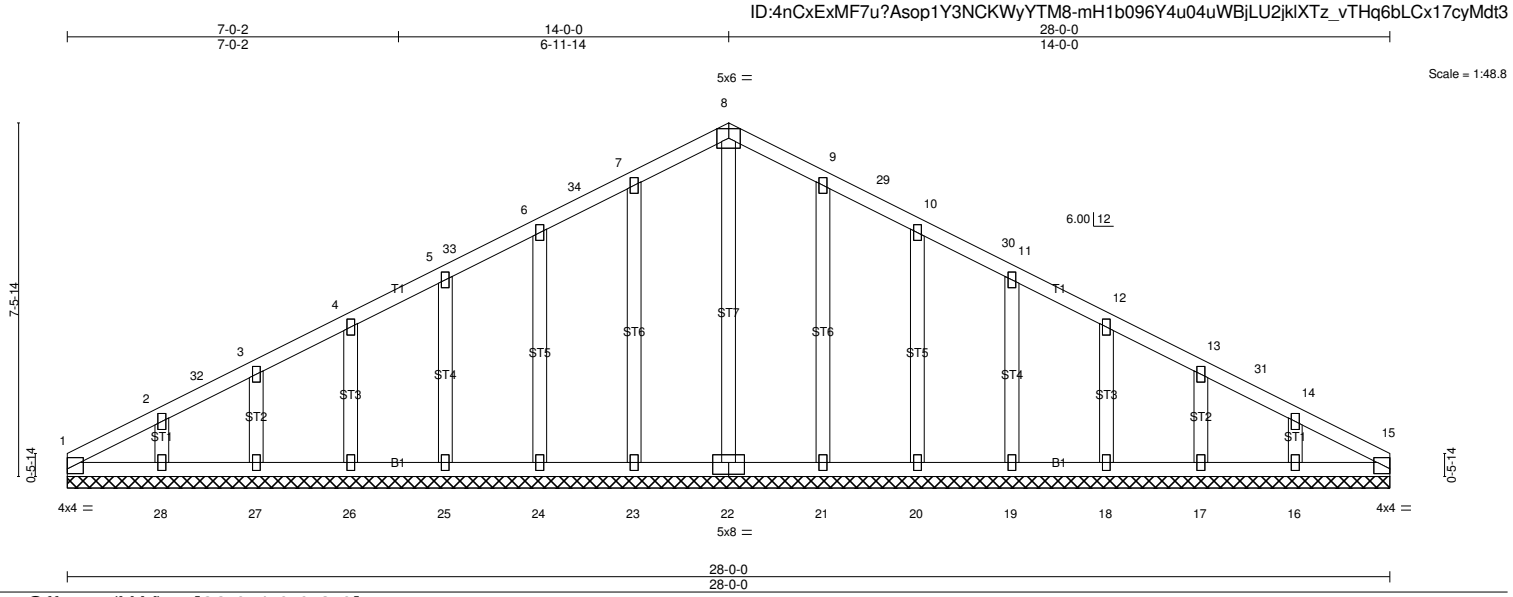

Plate Offsets (X,Y)-- [22:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.26	Horz(CT)	0.00	15	n/a	n/a		
BCLL	0.0 *	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0										Weight: 134 lb	FT =

LUMBER-

TOP CHORD 2x4 SP 2400F 2.0E
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

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 28-0-0.

(lb) - Max Horz 1=-126(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 23, 24, 25, 26, 27, 28, 21, 20, 19, 18, 17, 16
Max Grav All reactions 250 lb or less at joint(s) 15, 1, 22, 27, 17 except 23=364(LC 20), 24=346(LC 20), 25=284(LC 20), 26=258(LC 31), 28=288(LC 31), 21=364(LC 21), 20=346(LC 21), 19=284(LC 21), 18=258(LC 32), 16=288(LC 32)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 7-23=-324/135, 6-24=-306/97, 9-21=-324/135, 10-20=-306/97

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=28ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 14-0-0, Corner(3) 14-0-0 to 17-0-0, Exterior(2) 17-0-0 to 28-0-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.

Continued on page 2

NOTES-

6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 23, 24, 25, 26, 27, 28, 21, 20, 19, 18, 17, 16.
12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A1GA	GABLE	1	1	Job Reference (optional)

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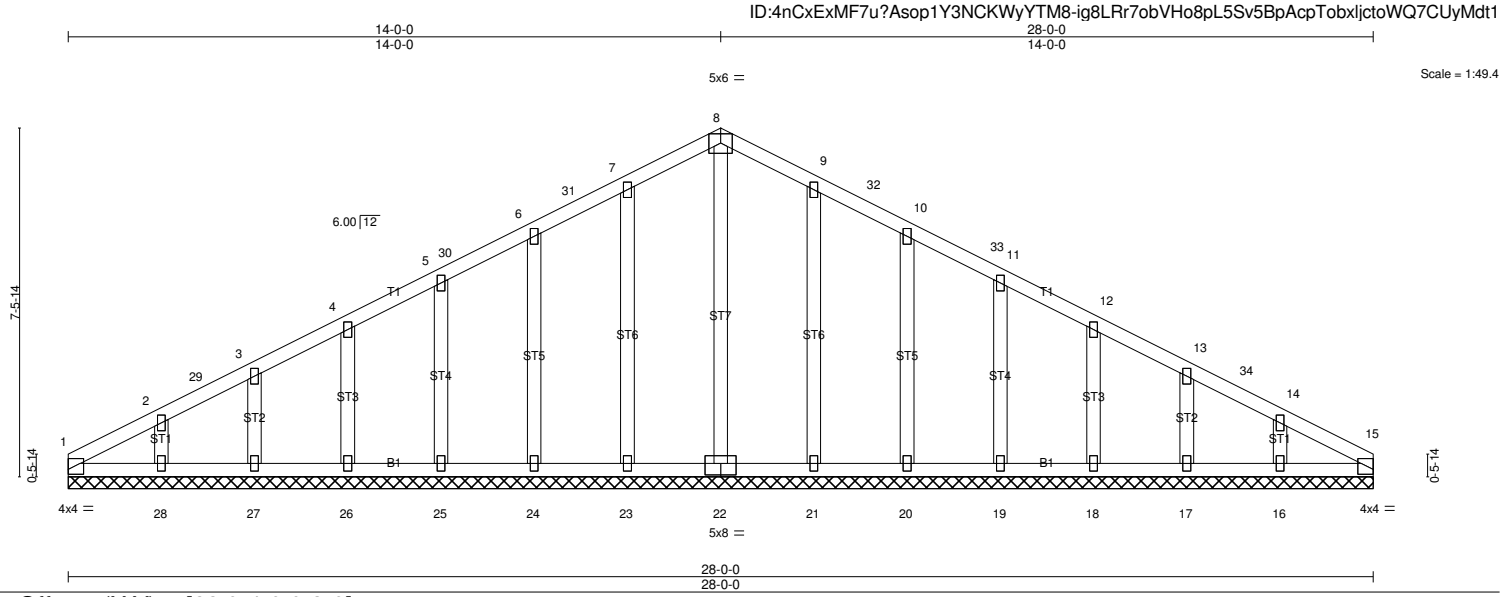

Plate Offsets (X,Y)-- [22:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.26	Horz(CT)	0.00	15	n/a	n/a		
BCLL	0.0 *	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0										Weight: 134 lb	FT =

LUMBER-

TOP CHORD 2x4 SP 2400F 2.0E
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

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 28-0-0.
(lb) - Max Horz 1=-126(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 23, 24, 25, 26, 27, 28, 21, 20, 19, 18, 17, 16
Max Grav All reactions 250 lb or less at joint(s) 1, 15, 22, 27, 17 except 23=364(LC 20), 24=346(LC 20), 25=284(LC 20), 26=258(LC 31), 28=288(LC 31), 21=364(LC 21), 20=346(LC 21), 19=284(LC 21), 18=258(LC 32), 16=288(LC 32)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 7-23=-324/135, 6-24=-306/97, 9-21=-324/135, 10-20=-306/97

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=28ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 14-0-0, Corner(3) 14-0-0 to 17-0-0, Exterior(2) 17-0-0 to 28-0-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A1GA	GABLE	1	1	Job Reference (optional)

NOTES-

6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 23, 24, 25, 26, 27, 28, 21, 20, 19, 18, 17, 16.
12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V1	GABLE	1	1	Job Reference (optional)

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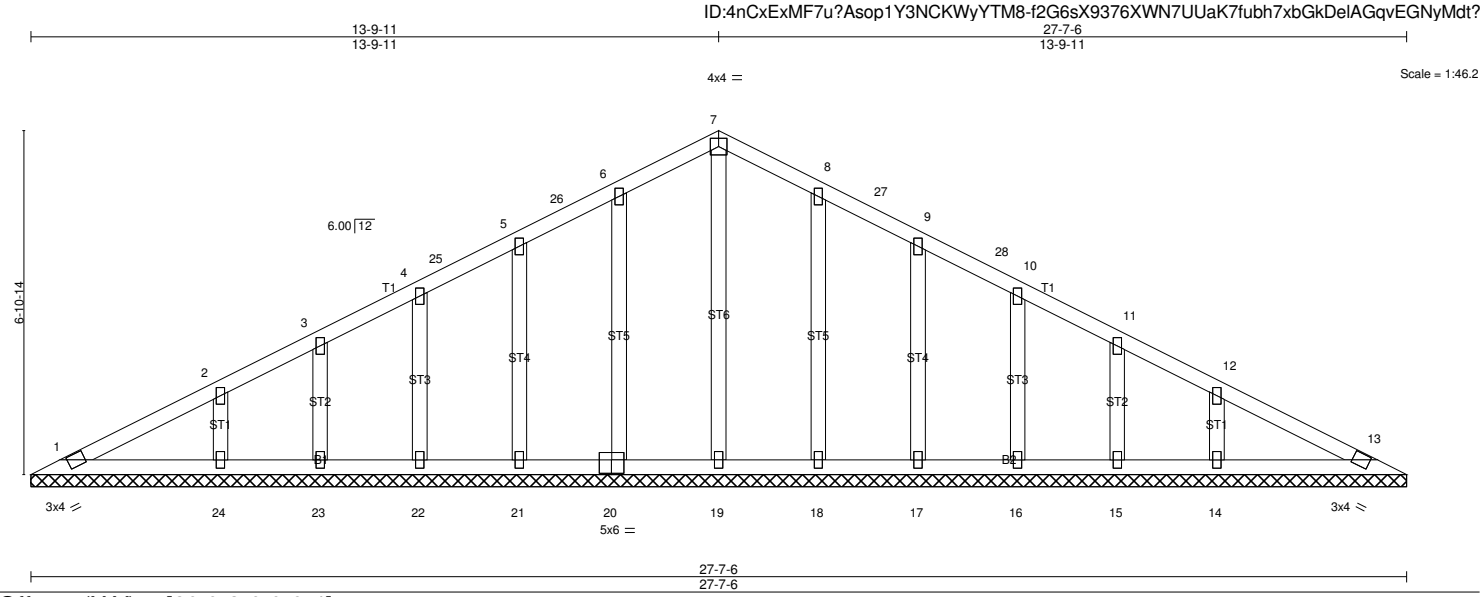


Plate Offsets (X,Y)-- [20:0-3-0,0-0-4]

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.07	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.00	13	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 111 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 27-7-6.
(lb) - Max Horz 1=-118(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 20, 21, 22, 23, 24, 18, 17, 16, 15, 14
Max Grav All reactions 250 lb or less at joint(s) 1, 13, 19, 23, 15 except 20=368(LC 20), 21=333(LC 20), 22=290(LC 20), 24=417(LC 31), 18=363(LC 21), 17=336(LC 21), 16=289(LC 21), 14=417(LC 32)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 6-20=-327/84, 5-21=-297/60, 2-24=-337/118, 8-18=-324/83, 9-17=-297/60, 12-14=-337/118

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-9-11, Interior(1) 3-9-11 to 13-9-11, Exterior(2) 13-9-11 to 16-9-11, Interior(1) 16-9-11 to 27-0-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V1	GABLE	1	1	Job Reference (optional)

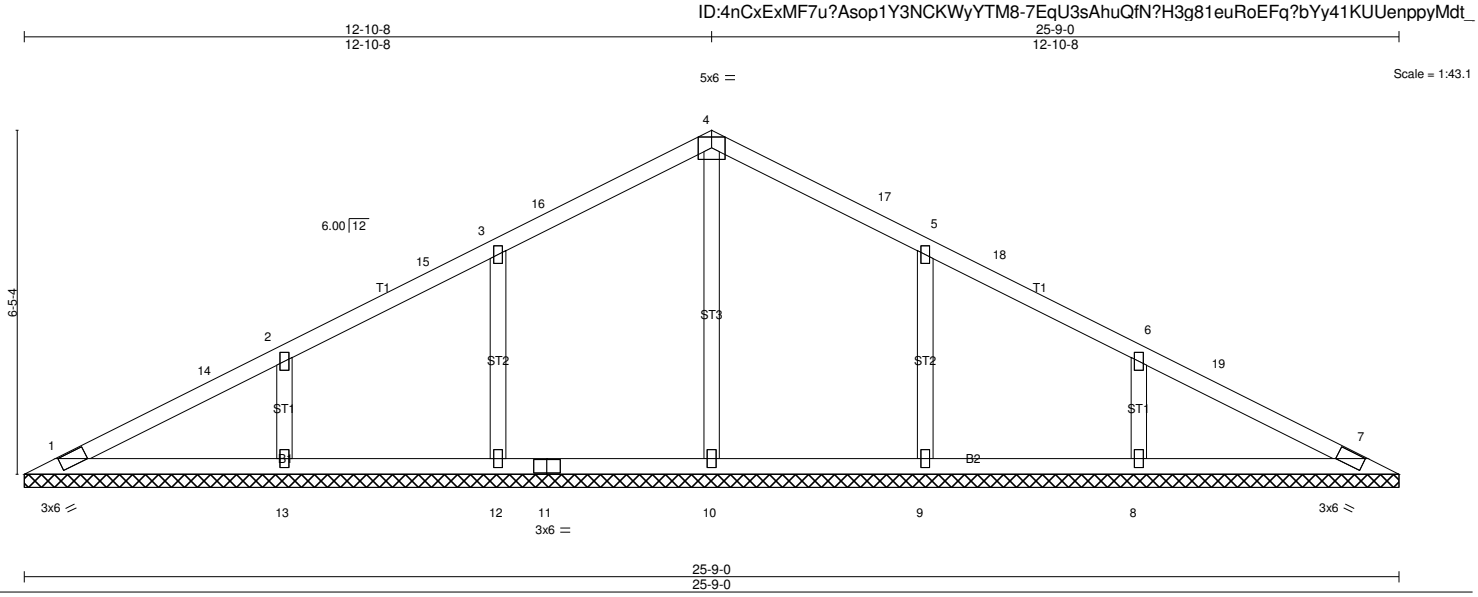
NOTES-

7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 20, 21, 22, 23, 24, 18, 17, 16, 15, 14.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V1A	GABLE	1	1	Job Reference (optional)

ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-7EqU3sAhuQfN?H3g81euRoEFq?bYy41KUUenppyMdt_



LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.37	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.16	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 81 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 25-9-0.
(lb) - Max Horz 1=104(LC 15)
Max Uplift All uplift 100 lb or less at joint(s) 12, 13, 9, 8
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except
10=511(LC 27), 12=662(LC 20), 13=599(LC 2), 9=662(LC 21),
8=599(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-10=-354/0, 3-12=-591/136, 2-13=-488/146, 5-9=-591/136,
6-8=-488/146

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 12-10-8, Exterior(2) 12-10-8 to 15-10-8, Interior(1) 15-10-8 to 25-1-9 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) All plates are 2x4 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.

Continued on page 2

NOTES-

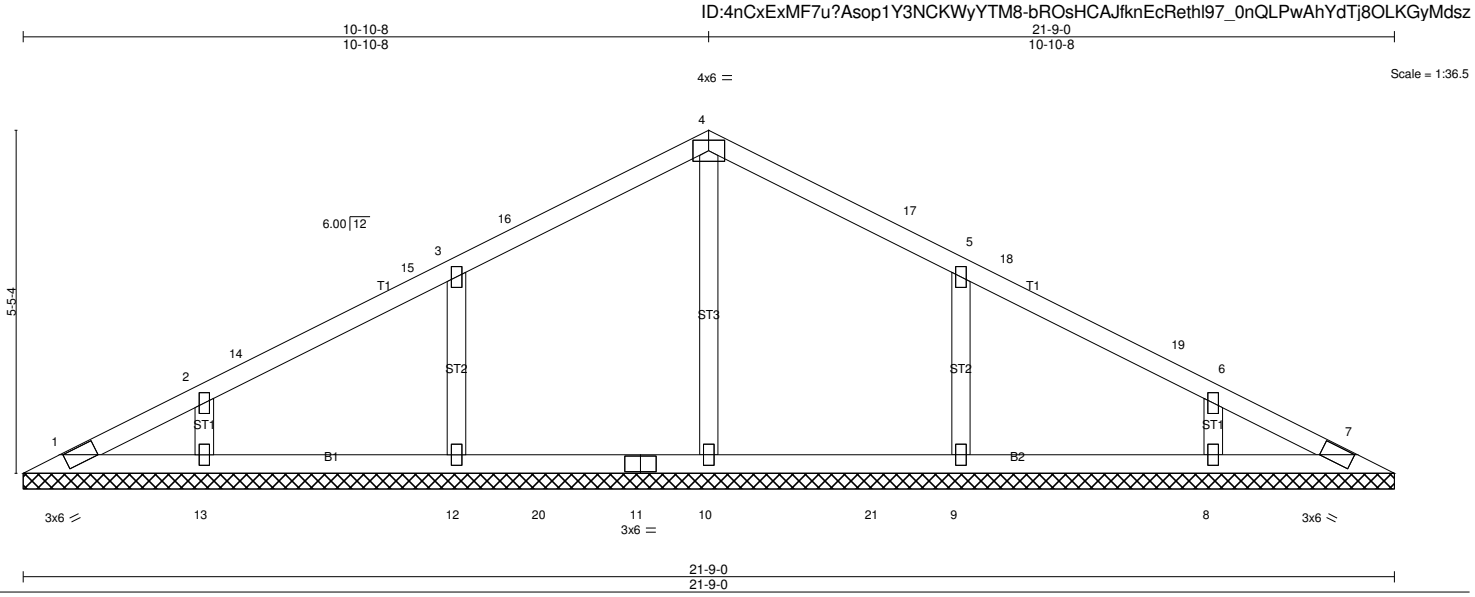
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 13, 9, 8.

10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V1B	GABLE	1	1	Job Reference (optional)

ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-bROsHCAJfknEcRethl97_0nQLPwAhYdTj8OLKGyMdsz



LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.38	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.14	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0 *		Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 65 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 21-9-0.
(lb) - Max Horz 1=86(LC 15)
Max Uplift All uplift 100 lb or less at joint(s) 12, 13, 9, 8
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 10=479(LC 27), 12=665(LC 20), 13=441(LC 2), 9=665(LC 21), 8=441(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-10=-341/9, 3-12=-583/144, 2-13=-368/126, 5-9=-583/144, 6-8=-368/126

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 10-10-8, Exterior(2) 10-10-8 to 13-10-8, Interior(1) 13-10-8 to 21-1-9 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) All plates are 2x4 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.

Continued on page 2

NOTES-

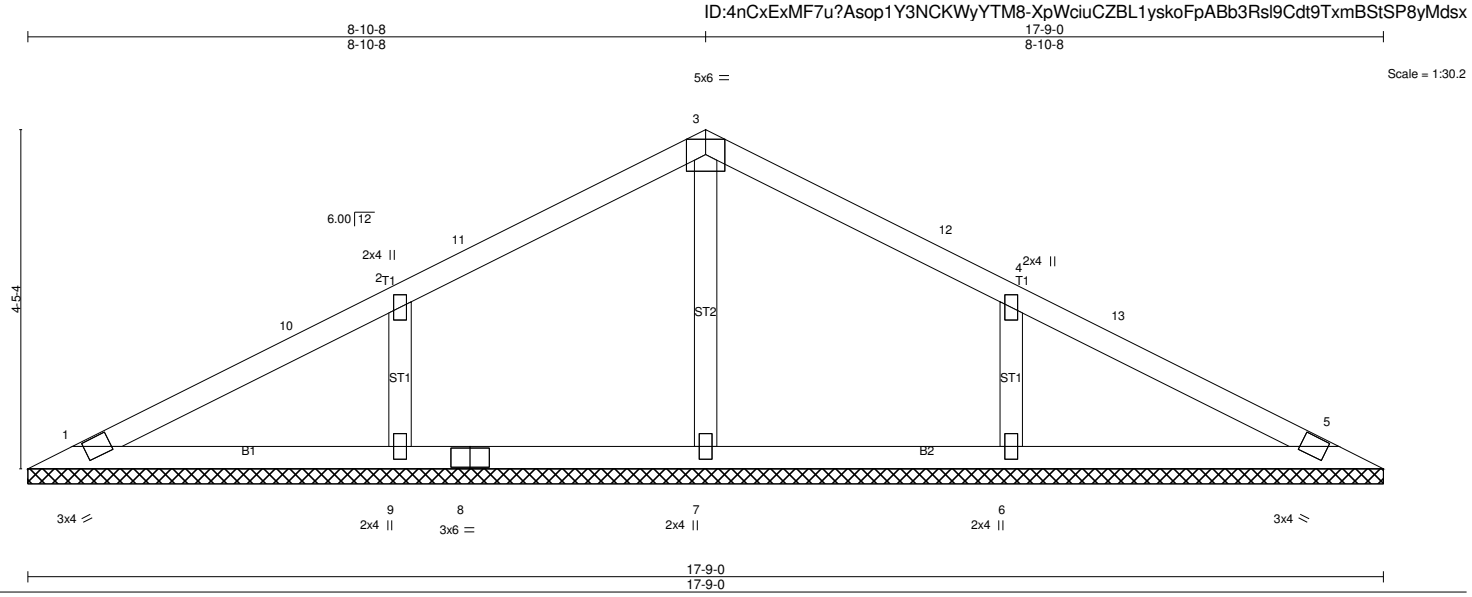
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 13, 9, 8.

10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V1C	GABLE	1	1	Job Reference (optional)

ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-XpWciuCZBL1yskoFpABb3Rsl9Cdt9TxmBStSP8yMdsx



LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.43	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.12	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 50 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 17-9-0.
(lb) - Max Horz 1=-69(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 9, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except
7=386(LC 2), 9=701(LC 20), 6=701(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-7=-322/20, 2-9=-593/154, 4-6=-593/154

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 8-10-8, Exterior(2) 8-10-8 to 11-10-8, Interior(1) 11-10-8 to 17-1-9 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 9, 6.

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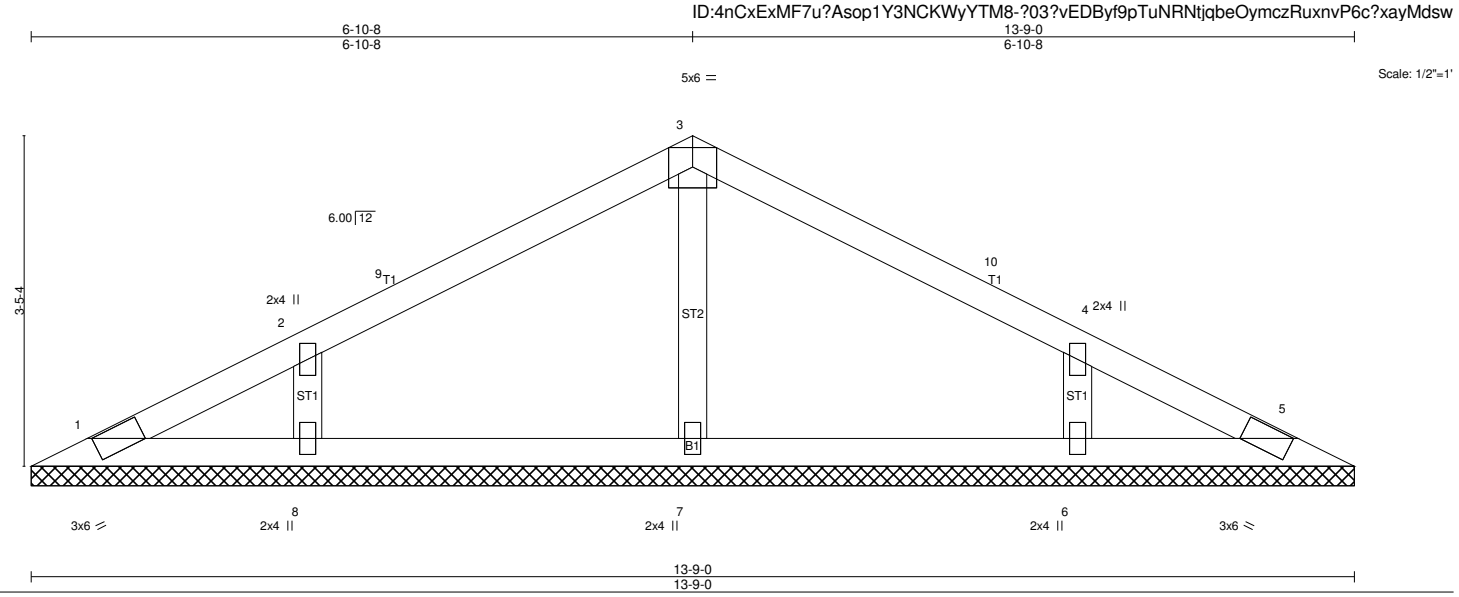
NOTES-

9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V1D	GABLE	1	1	Job Reference (optional)

ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-?03?vEDByf9pTuNRNtjqbeOymczRuxnvP6c?xayMdsw



LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.31	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *		Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 37 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 13-9-0.
(lb) - Max Horz 1=53(LC 15)
Max Uplift All uplift 100 lb or less at joint(s) 8, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except
7=444(LC 2), 8=526(LC 20), 6=526(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-7=-359/54, 2-8=-459/147, 4-6=-459/147

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 6-10-8, Exterior(2) 6-10-8 to 9-10-8, Interior(1) 9-10-8 to 13-1-9 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 6.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V1D	GABLE	1	1	Job Reference (optional)

NOTES-

9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V1E	GABLE	1	1	Job Reference (optional)

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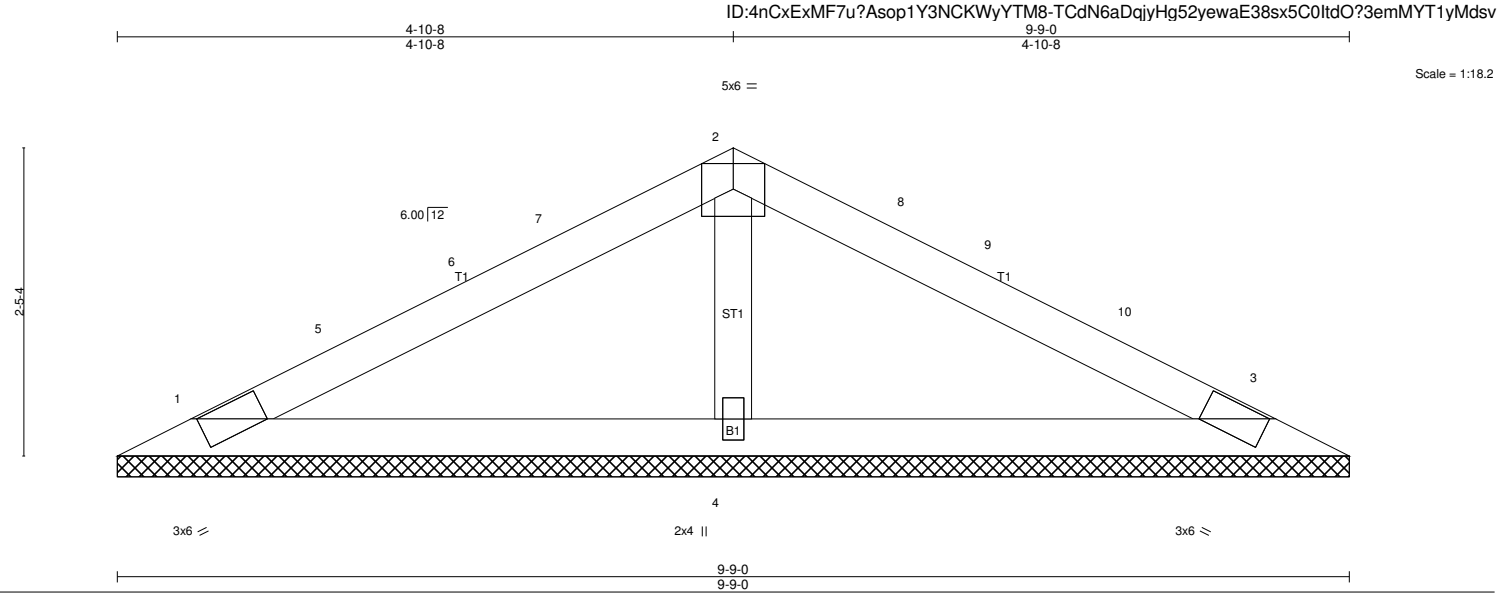


LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.39	Vert(LL)	n/a	-	n/a	999	MT20	197/144
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.15	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *		Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 24 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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) 1=252/9-9-0 (min. 0-1-11), 3=252/9-9-0 (min. 0-1-11), 4=573/9-9-0 (min. 0-1-11)
Max Horz 1=-36(LC 14)
Max Uplift 1=-27(LC 16), 3=-27(LC 16), 4=-22(LC 16)
Max Grav 1=261(LC 20), 3=261(LC 21), 4=580(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-436/124

NOTES-

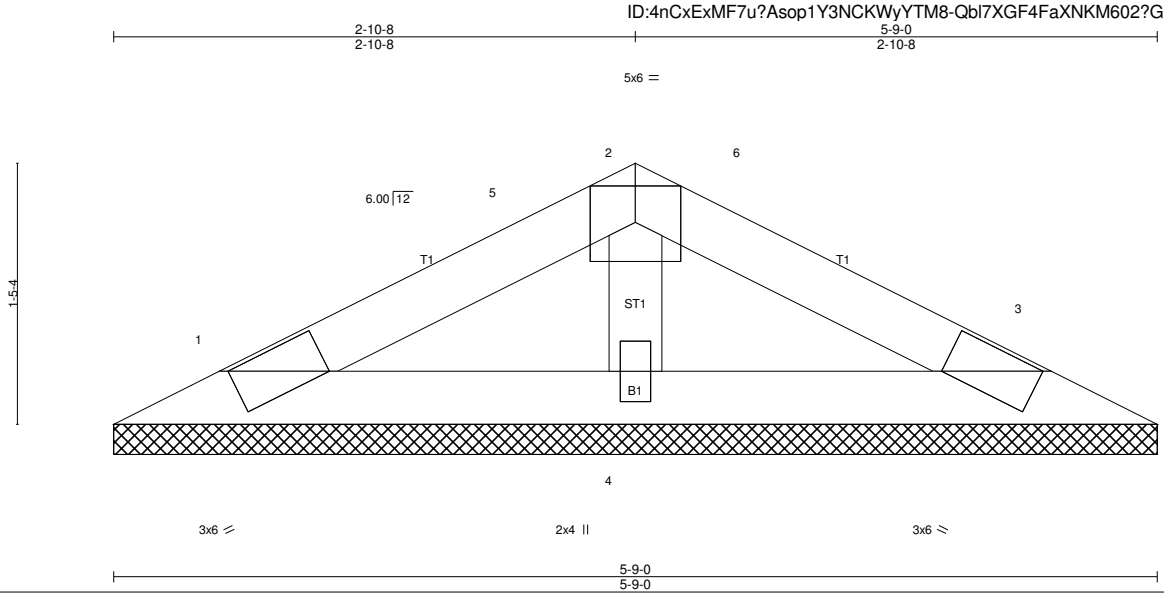
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 4-10-8, Exterior(2) 4-10-8 to 7-10-8, Interior(1) 7-10-8 to 9-1-9 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V1F	Valley	1	1	Job Reference (optional)

ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-Qbl7XGF4FaXNKM602?GXDH0Vjq015JNM54rfYvyMdst



LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.04	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-P								
BCDL	10.0											Weight: 13 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-9-0 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) 1=150/5-9-0 (min. 0-1-8), 3=150/5-9-0 (min. 0-1-8), 4=271/5-9-0 (min. 0-1-8)
Max Horz 1=-19(LC 14)
Max Uplift 1=-19(LC 16), 3=-19(LC 16), 4=-2(LC 16)
Max Grav 1=152(LC 2), 3=152(LC 2), 4=274(LC 2)

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

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V2	GABLE	1	1	Job Reference (optional)

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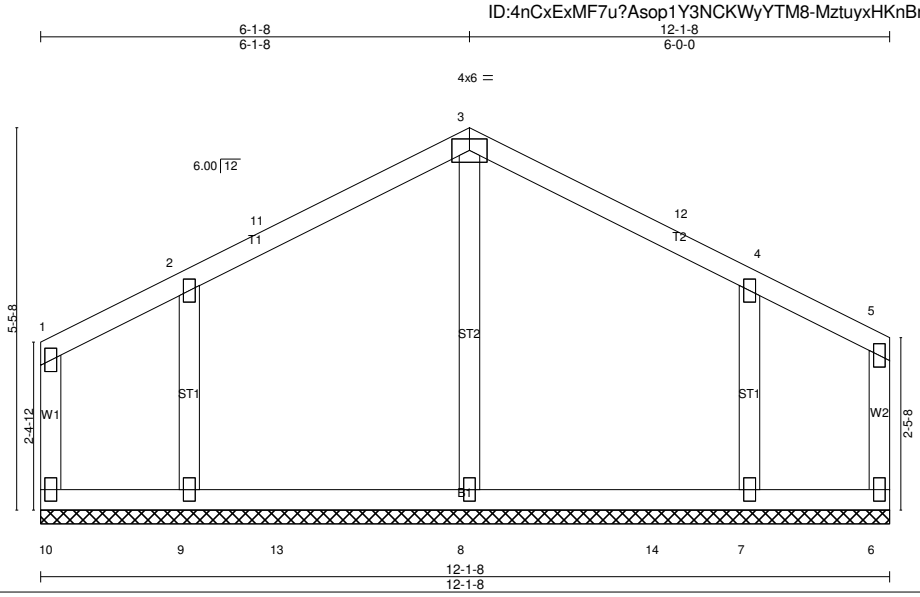
ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-MztuyxHKnBn5afFP9QI?li6pZdf?ZA_eZNKmcoyMdsr



LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.30	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.14	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.23	Horz(CT)	-0.00	6	n/a	n/a		
BCLL	0.0 *		Code IRC2015/TPI2014		Matrix-R								
BCDL	10.0											Weight: 46 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
OTHERS	2x4 SPF Stud

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.

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

REACTIONS. All bearings 12-1-8.
(lb) - Max Horz 10=123(LC 15)
Max Uplift All uplift 100 lb or less at joint(s) 10, 6, 9, 7
Max Grav All reactions 250 lb or less at joint(s) 10, 6 except
8=536(LC 29), 9=510(LC 20), 7=511(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-8=-408/31, 2-9=-444/157, 4-7=-446/156

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 6-1-8 , Exterior(2) 6-1-8 to 9-1-8, Interior(1) 9-1-8 to 11-11-12 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) All plates are 2x4 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10, 6, 9, 7.

Continued on page 2

NOTES-

10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V2A	GABLE	1	1	Job Reference (optional)

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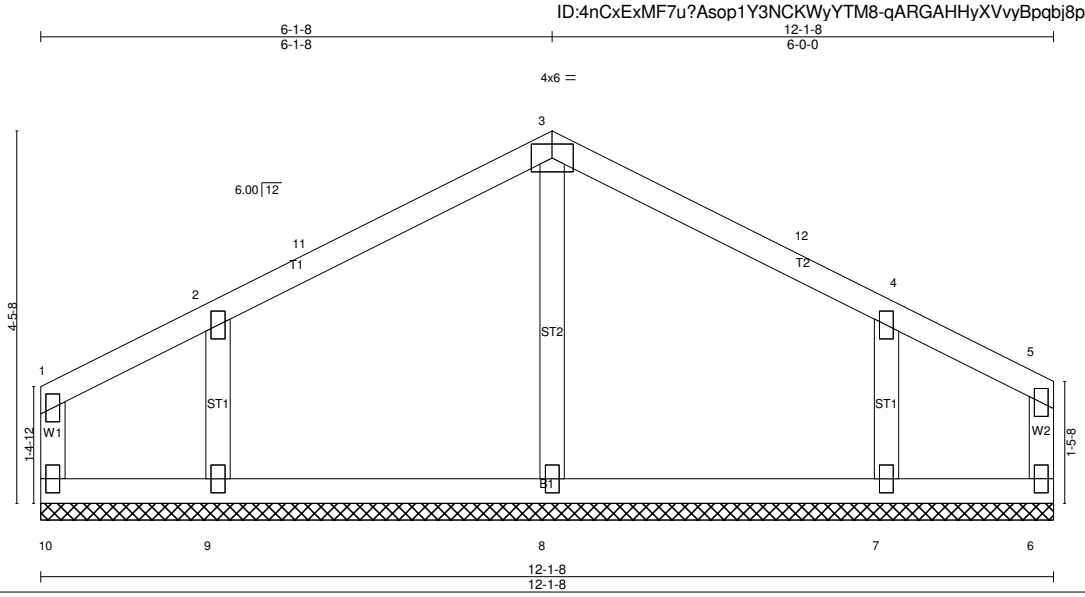

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.30	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.16	Horz(CT)	-0.00	6	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-R								
BCDL	10.0											Weight: 41 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
OTHERS	2x4 SPF Stud

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.

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

REACTIONS. All bearings 12-1-8.
(lb) - Max Horz 10=90(LC 15)
Max Uplift All uplift 100 lb or less at joint(s) 10, 6, 9, 7
Max Grav All reactions 250 lb or less at joint(s) 10, 6 except
8=492(LC 2), 9=510(LC 20), 7=511(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-8=-406/37, 2-9=-446/147, 4-7=-447/146

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 6-1-8 , Exterior(2) 6-1-8 to 9-1-8, Interior(1) 9-1-8 to 11-11-12 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) All plates are 2x4 MT20 unless otherwise indicated.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10, 6, 9, 7.

Continued on page 2

NOTES-

10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V2C	GABLE	1	1	Job Reference (optional)

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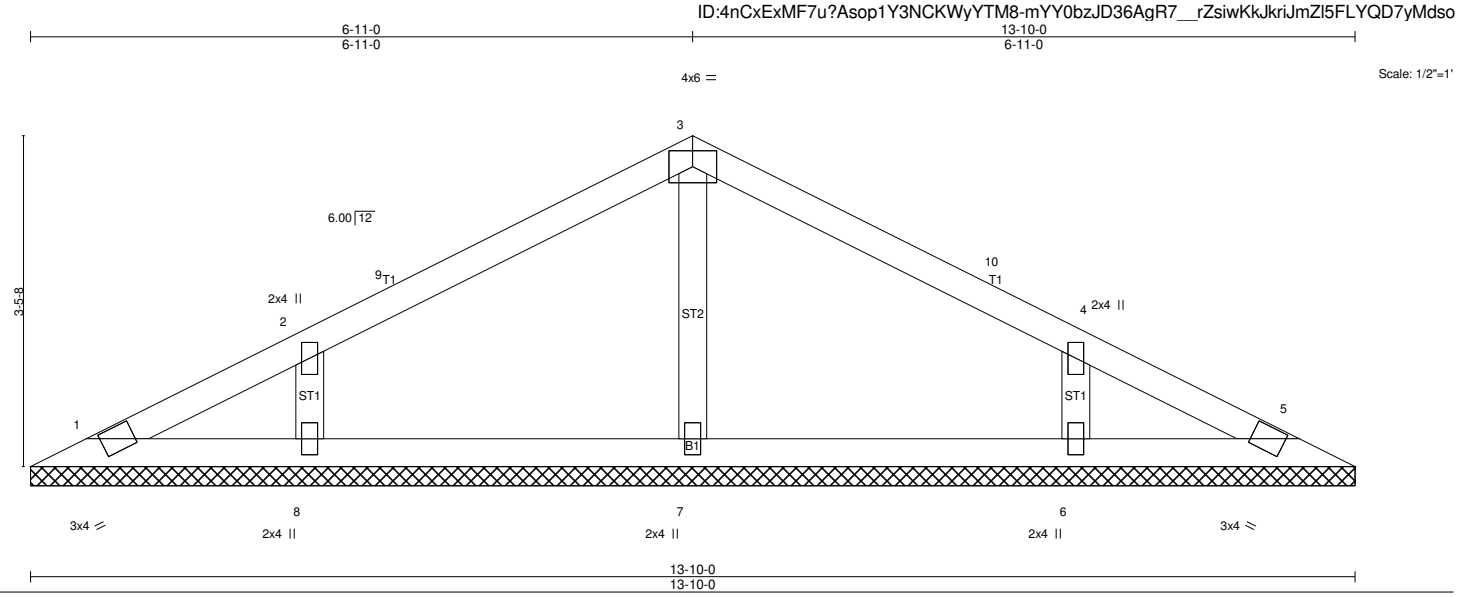

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.31	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 37 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 13-10-0.
(lb) - Max Horz 1=53(LC 15)
Max Uplift All uplift 100 lb or less at joint(s) 8, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except
7=443(LC 2), 8=528(LC 20), 6=528(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-7=-359/53, 2-8=-461/147, 4-6=-461/147

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 6-11-0, Exterior(2) 6-11-0 to 9-11-0, Interior(1) 9-11-0 to 13-2-9 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 6.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V2C	GABLE	1	1	Job Reference (optional)

NOTES-

9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V2D	GABLE	1	1	Job Reference (optional)

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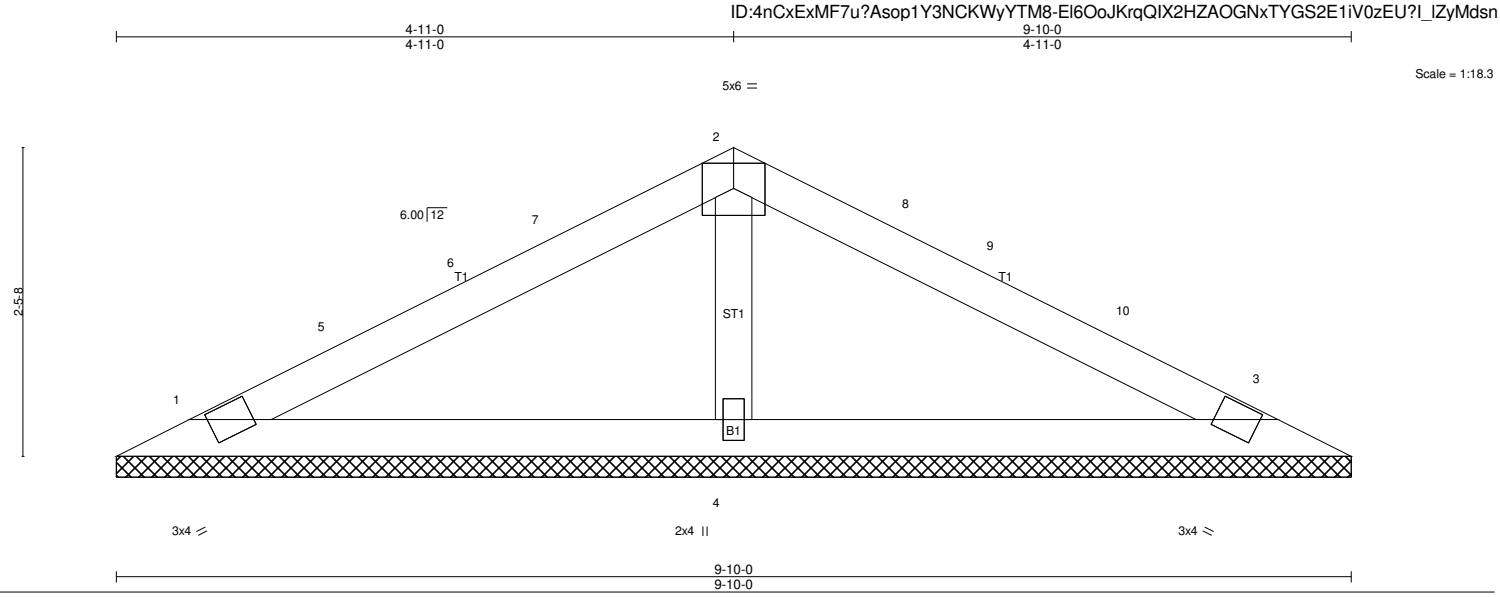

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.40	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.15	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 24 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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) 1=254/9-10-0 (min. 0-1-12), 3=254/9-10-0 (min. 0-1-12), 4=579/9-10-0 (min. 0-1-12)
Max Horz 1=-36(LC 14)
Max Uplift 1=-27(LC 16), 3=-27(LC 16), 4=-22(LC 16)
Max Grav 1=264(LC 20), 3=264(LC 21), 4=586(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-441/124

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 4-11-0, Exterior(2) 4-11-0 to 7-11-0, Interior(1) 7-11-0 to 9-2-9 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V2D	GABLE	1	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	A-V2E	Valley	1	1	Job Reference (optional)

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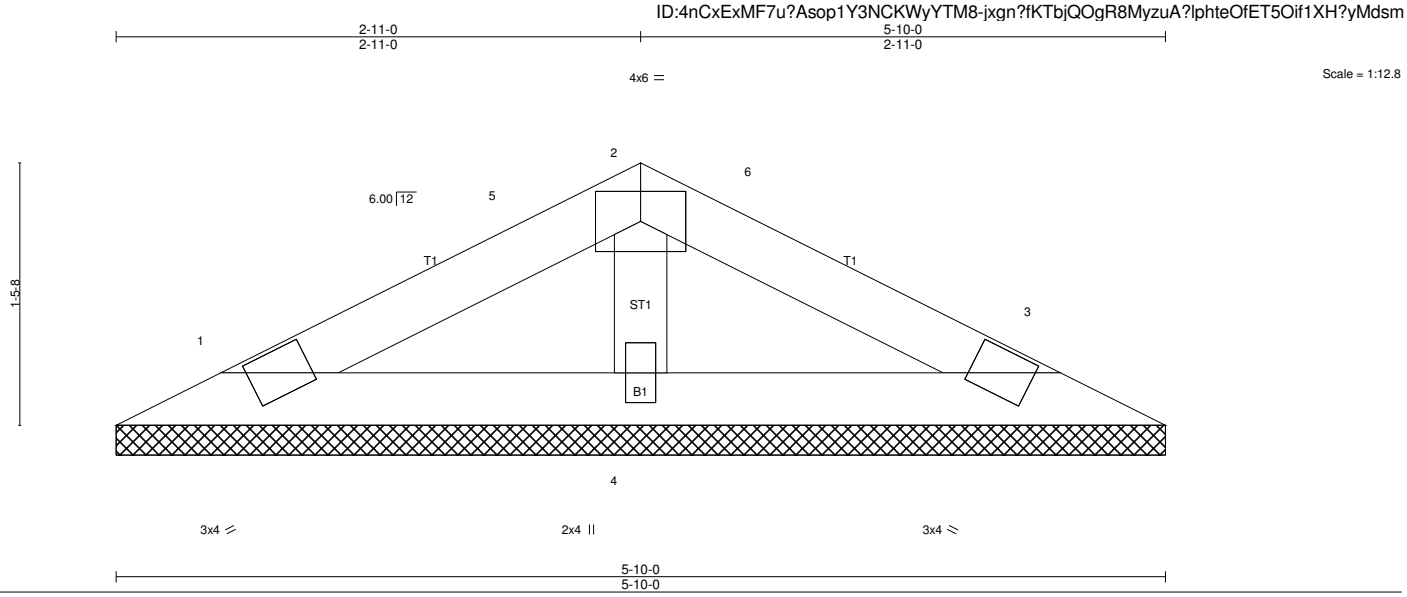

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.14	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.04	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-P								
BCDL	10.0											Weight: 14 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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) 1=153/5-10-0 (min. 0-1-8), 3=153/5-10-0 (min. 0-1-8), 4=276/5-10-0 (min. 0-1-8)
Max Horz 1=19(LC 15)
Max Uplift 1=-19(LC 16), 3=-19(LC 16), 4=-2(LC 16)
Max Grav 1=155(LC 2), 3=155(LC 2), 4=279(LC 2)

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

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	B1GA	GABLE	1	1	Job Reference (optional)

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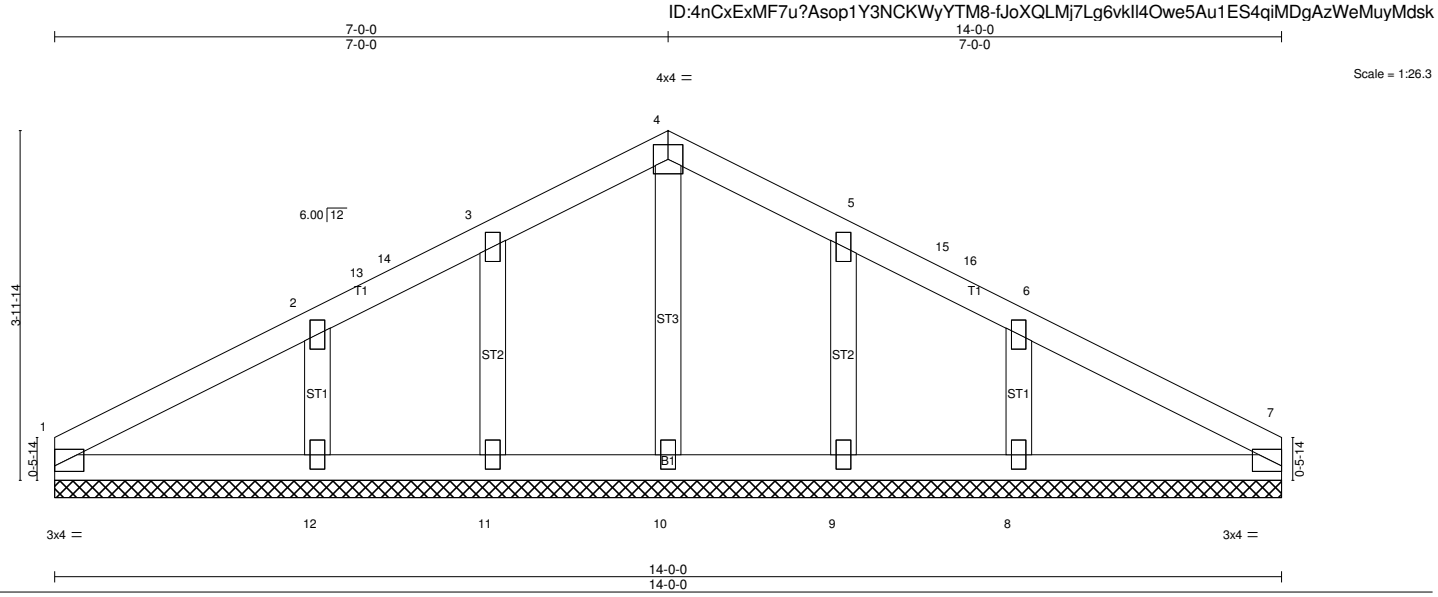

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0 *		Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 47 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 14-0-0.
(lb) - Max Horz 1=-62(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 11, 12, 9, 8
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 10 except
11=279(LC 20), 12=394(LC 20), 9=279(LC 21), 8=394(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-11=-253/141, 2-12=-318/202, 5-9=-253/141, 6-8=-318/202

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 7-0-0, Corner(3) 7-0-0 to 10-0-0, Exterior(2) 10-0-0 to 14-0-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
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.

Continued on page 2

NOTES-

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 11, 12, 9, 8.
12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	B1GR	COMMON GIRDER	1	2	Job Reference (optional)

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ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-biwHr0O_fywq92R8Bpz6Ab_BgFdSA75zdH?kQnyMdsi

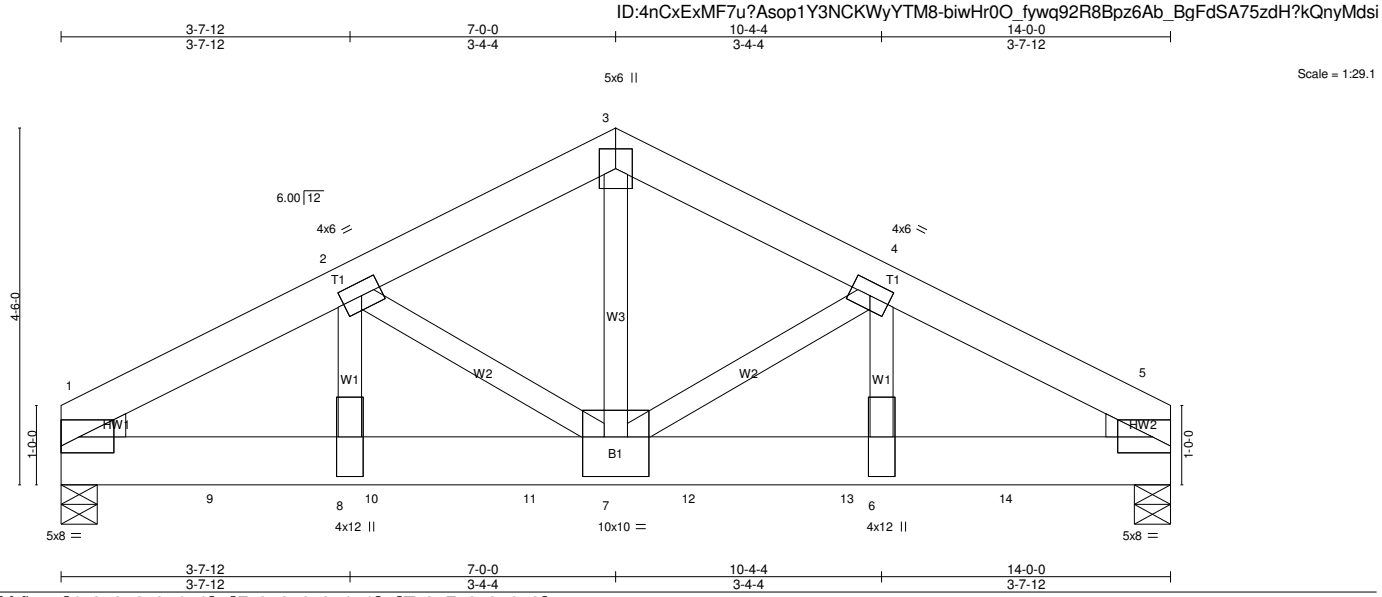

Plate Offsets (X,Y)-- [1:0-0-0,0-1-1], [5:0-0-0,0-1-1], [7:0-5-0,0-6-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.92	Vert(LL)	-0.07	7-8	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.63	Vert(CT)	-0.10	7-8	>999	180		
TCDL	7.0	Rep Stress Incr	NO	WB	0.69	Horz(CT)	0.03	5	n/a	n/a		
BCLL	0.0 *	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0										Weight: 179 lb	FT =

LUMBER-

TOP CHORD 2x6 SPF No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SPF Stud *Except*
W3: 2x4 SPF No.2
WEDGE
Left: 2x4 SPF Stud , Right: 2x4 SPF Stud

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-11-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=6095/0-5-8 (min. 0-2-9), 5=6095/0-5-8 (min. 0-2-9)
Max Horz 1=-66(LC 33)
Max Uplift1=-469(LC 12), 5=-469(LC 12)
Max Grav 1=6172(LC 2), 5=6172(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-9138/702, 2-3=-6929/567, 3-4=-6929/567, 4-5=-9138/702
BOT CHORD 1-9=-547/7537, 8-9=-547/7537, 8-10=-547/7537, 10-11=-547/7537, 7-11=-547/7537, 7-12=-547/7537, 12-13=-547/7537, 6-13=-547/7537, 6-14=-547/7537, 5-14=-547/7537
WEBS 3-7=-427/5607, 4-7=-1703/163, 4-6=-159/2619, 2-7=-1703/163, 2-8=-160/2619

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 0-5-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60

Continued on page 2

NOTES-

5) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
6) Unbalanced snow loads have been considered for this design.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=469, 5=469.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1769 lb down and 144 lb up at 2-0-0, 1769 lb down and 144 lb up at 4-0-0, 1769 lb down and 144 lb up at 6-0-0, 1769 lb down and 144 lb up at 8-0-0, and 1769 lb down and 144 lb up at 10-0-0, and 1769 lb down and 144 lb up at 12-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-3=-106, 3-5=-106, 1-5=-20
   Concentrated Loads (lb)
      Vert: 9=-1746(B) 10=-1746(B) 11=-1746(B) 12=-1746(B) 13=-1746(B) 14=-1746(B)

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	C1	Common	4	1	Job Reference (optional)

ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-?HbQT2QsytIO0VAjsxWpnEchmTcyNY8PJFEP15yMdsf

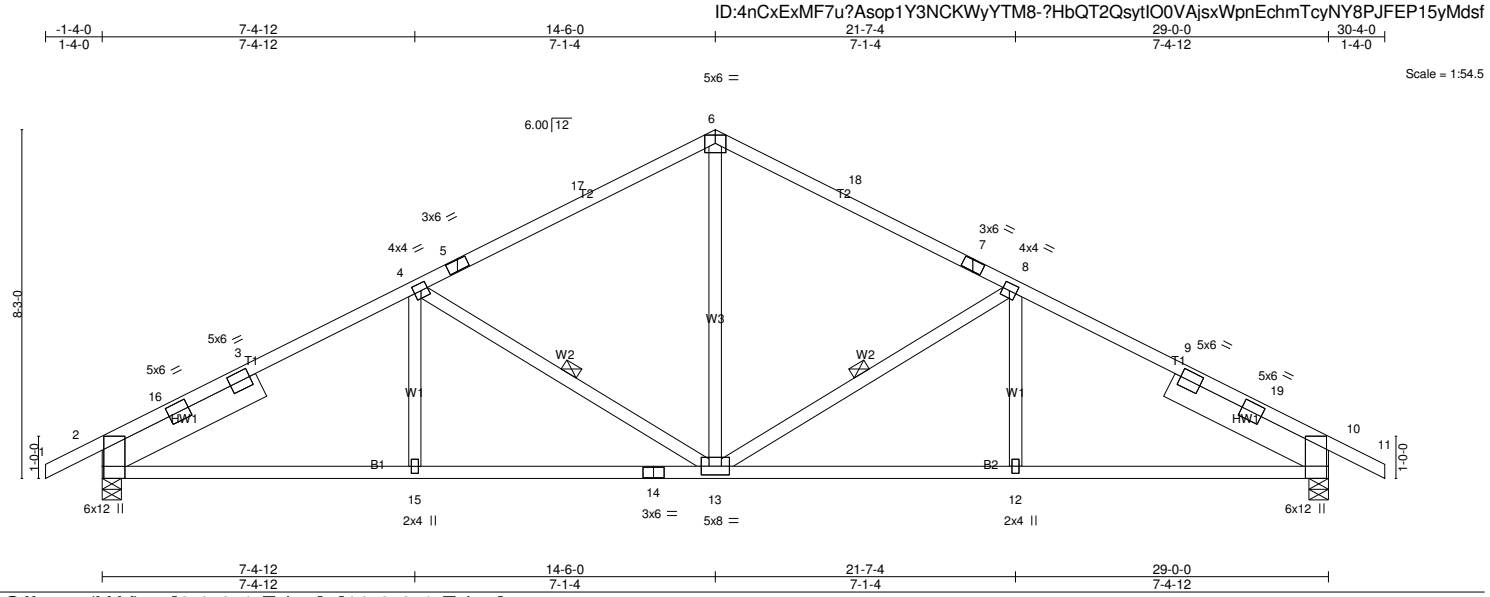

Plate Offsets (X,Y)-- [2:0-8-1,Edge], [10:0-8-1,Edge]

LOADING (psf)			**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.99	Vert(LL)	-0.15	12-13	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.71	Vert(CT)	-0.24	12-13	>999	180		
TCDL	7.0		Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.11	10	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 143 lb	FT =

LUMBER-

TOP CHORD	2x4 SP 2400F 2.0E
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
SLIDER	Left 2x8 SPF No.2 -h 4-2-11, Right 2x8 SPF No.2 -h 4-2-11

BRACING-

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 8-13, 4-13

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

REACTIONS. (lb/size) 2=1975/0-5-8 (min. 0-3-2), 10=1975/0-5-8 (min. 0-3-2)
Max Horz 2=-141(LC 14)
Max Uplift2=-178(LC 16), 10=-178(LC 16)
Max Grav 2=2000(LC 2), 10=2000(LC 2)

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

TOP CHORD	2-16=-2933/233, 3-16=-2757/237, 3-4=-2760/257, 4-5=-2108/239, 5-17=-1937/250, 6-17=-1909/263, 6-18=-1909/263, 7-18=-1937/250, 7-8=-2108/239, 8-9=-2760/257, 9-19=-2757/237, 10-19=-2932/233
BOT CHORD	2-15=-143/2388, 14-15=-143/2388, 13-14=-143/2388, 12-13=-138/2388, 10-12=-138/2388
WEBS	6-13=-52/960, 8-13=-948/136, 8-12=0/300, 4-13=-948/136, 4-15=0/300

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=29ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 1-8-0, Interior(1) 1-8-0 to 14-6-0, Exterior(2) 14-6-0 to 17-6-0, Interior(1) 17-6-0 to 30-4-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.

Continued on page 2

NOTES-

5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=178, 10=178.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	C1A	Common	6	1	Job Reference (optional)

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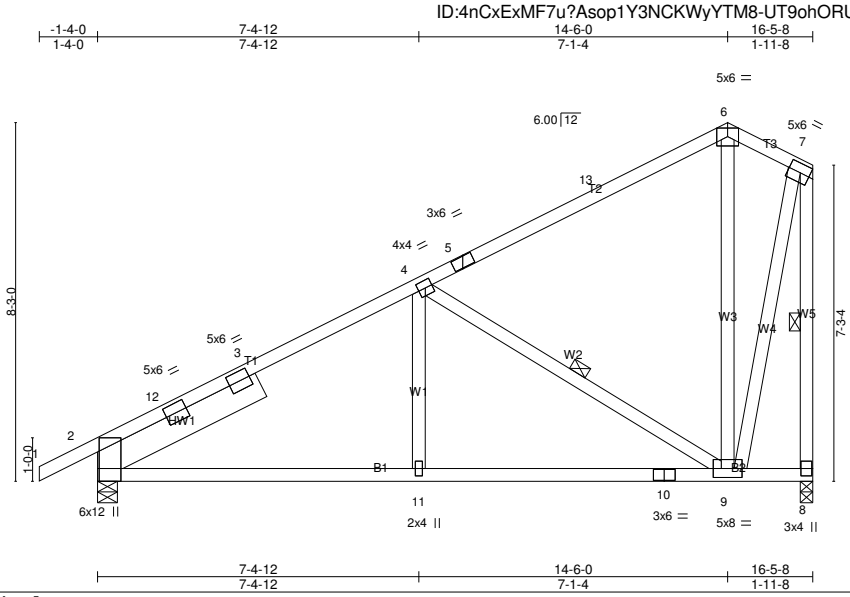

Plate Offsets (X,Y)-- [2:0-8-1,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.49	Vert(LL)	-0.07	2-11	>999	240	MT20	197/14
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.44	Vert(CT)	-0.13	2-11	>999	180		
TCDL	7.0	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.03	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S								
BCDL	10.0										Weight: 97 lb	FT =

LUMBER-

TOP CHORD	2x4 SP 2400F 2.0E
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
SLIDER	Left 2x8 SPF No.2 -h 4-2-11

BRACING-

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

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

REACTIONS. (lb/size) 2=1179/0-5-8 (min. 0-1-14), 8=1025/0-3-8 (min. 0-1-10)
Max Horz 2=265(LC 15)
Max Uplift2=-113(LC 16), 8=-80(LC 16)
Max Grav 2=1194(LC 2), 8=1038(LC 2)

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

TOP CHORD	2-12=-1404/113, 3-12=-1313/119, 3-4=-1086/138, 4-5=-458/111, 5-13=-283/123, 6-13=-274/135, 6-7=-278/165, 7-8=-1038/159
BOT CHORD	2-11=-263/1078, 10-11=-263/1078, 9-10=-263/1078
WEBS	6-9=-312/205, 4-9=-986/170, 4-11=0/316, 7-9=-195/958

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 1-8-0, Interior(1) 1-8-0 to 14-6-0, Exterior(2) 14-6-0 to 16-3-12 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	C1A	Common	6	1	Job Reference (optional)

NOTES-

7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8 except (jt=lb) 2=113.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	C1AGA	GABLE	1	1	Job Reference (optional)

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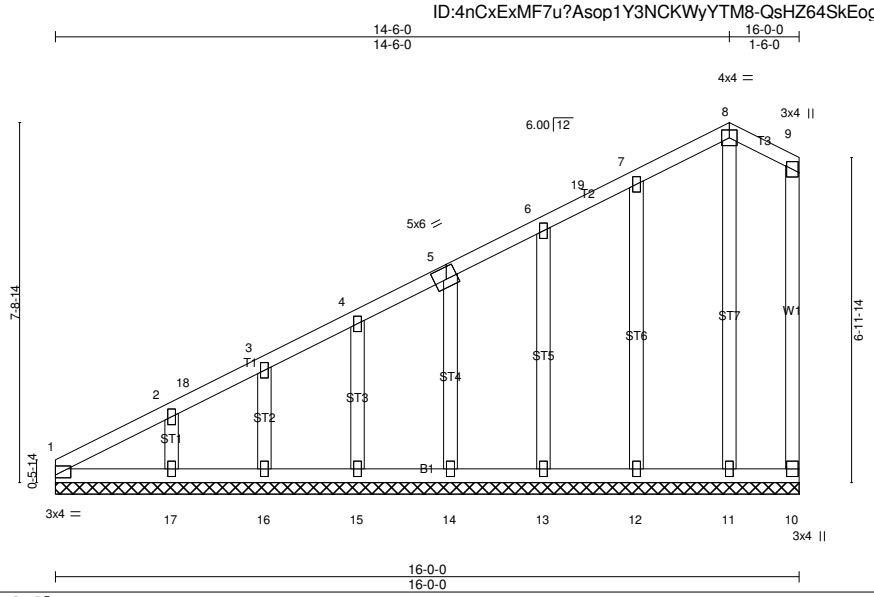

Plate Offsets (X,Y)-- [5:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.48	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.00	10	n/a	n/a		
BCLL	0.0 *	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0										Weight: 83 lb	FT =

LUMBER-

TOP CHORD	2x4 SP 2400F 2.0E *Except* T1: 2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
OTHERS	2x4 SPF Stud

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. All bearings 16-0-0.
(lb) - Max Horz 1=251(LC 15)
Max Uplift All uplift 100 lb or less at joint(s) 1, 10, 11, 12, 13, 14, 15, 16, 17
Max Grav All reactions 250 lb or less at joint(s) 1, 10, 11, 16 except 12=270(LC 31), 13=262(LC 31), 14=252(LC 2), 15=255(LC 31), 17=339(LC 31)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-398/216, 2-18=-322/171, 3-18=-315/182, 3-4=-278/168
WEBS 2-17=-275/186

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 14-6-0, Corner(3) 14-6-0 to 15-10-4 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) All plates are 2x4 MT20 unless otherwise indicated.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	C1AGA	GABLE	1	1	Job Reference (optional)

NOTES-

7) Gable requires continuous bottom chord bearing.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 10, 11, 12, 13, 14, 15, 16, 17.
12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	CG1	DIAGONAL HIP GIRDER	1	1	Job Reference (optional)

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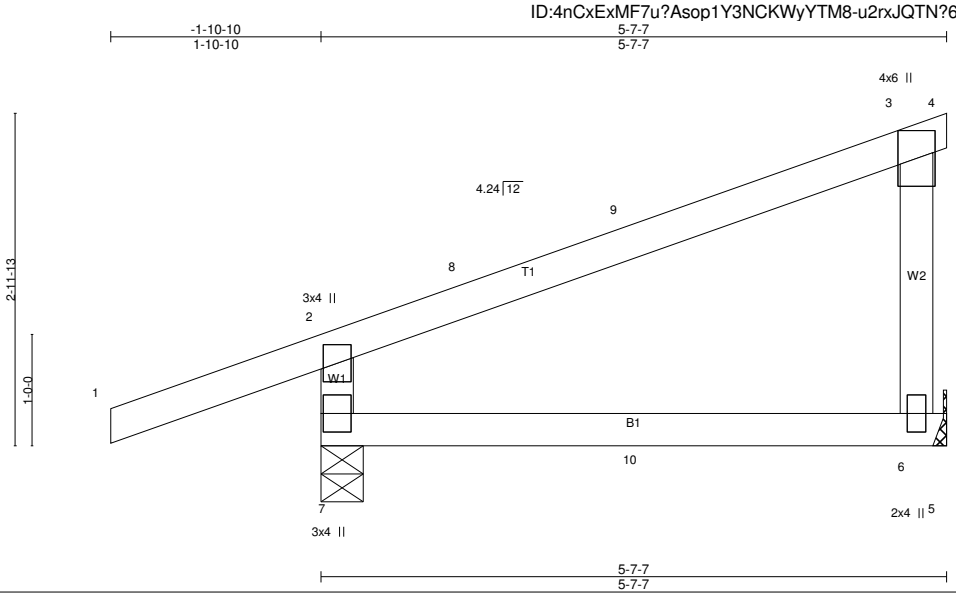

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.64	Vert(LL)	-0.02	6-7	>999	240	MT20	197/144
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.20	Vert(CT)	-0.05	6-7	>999	180		
TCDL	7.0		Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-R							Weight: 19 lb	FT =
BCDL	10.0												

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-7-7 oc purlins, 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. (lb/size) 7=584/0-4-9 (min. 0-1-8), 6=319/Mechanical
Max Horz 7=103(LC 11)
Max Uplift 7=-103(LC 12), 6=-21(LC 9)
Max Grav 7=620(LC 17), 6=385(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-582/136, 3-6=-318/50

NOTES-

1) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 7=103.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 51 lb down and 23 lb up at 2-10-9, and 51 lb down and 23 lb up at 2-10-9 on top chord, and 4 lb down and 8 lb up at 2-10-9, and 4 lb down and 8 lb up at 2-10-9 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-2=-106, 2-3=-106, 3-4=-106, 5-7=-20
   Concentrated Loads (lb)
      Vert: 10=5(F=2, B=2)

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	D1	COMMON	4	1	Job Reference (optional)

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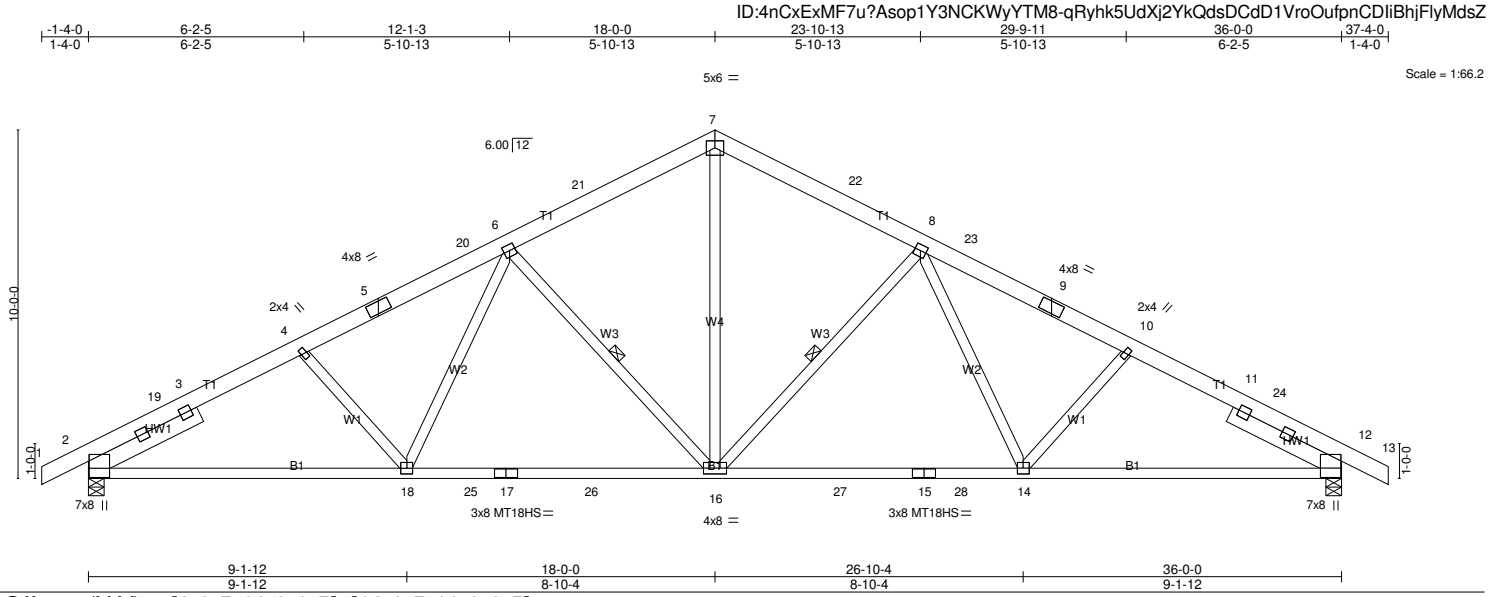

Plate Offsets (X,Y)-- [2:0-5-10,0-0-5], [12:0-5-10,0-0-5]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.60	Vert(LL)	-0.29	14-16	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.43	14-16	>999	180	MT18HS	197/1
TCDL	7.0	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.16	12	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S							Weight: 189 lb	FT =
BCDL	10.0											

LUMBER-

TOP CHORD	2x6 SPF No.2
BOT CHORD	2x4 SPF 1650F 1.5E
WEBS	2x4 SPF Stud
SLIDER	Left 2x6 SPF No.2 -h 3-6-12, Right 2x6 SPF No.2 -h 3-6-12

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-11-10 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 8-16, 6-16

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

REACTIONS. (lb/size) 2=2417/0-5-8 (min. 0-3-13), 12=2417/0-5-8 (min. 0-3-13)
Max Horz 2=183(LC 15)
Max Uplift2=-209(LC 16), 12=-209(LC 16)
Max Grav 2=2448(LC 2), 12=2448(LC 2)

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

TOP CHORD	2-19=-3815/328, 3-19=-3665/336, 3-4=-3663/352, 4-5=-3426/328, 5-20=-3339/330, 6-20=-3192/343, 6-21=-2598/319, 7-21=-2440/339, 7-22=-2440/339, 8-22=-2598/319, 8-23=-3192/343, 9-23=-3339/330, 9-10=-3426/328, 10-11=-3663/352, 11-24=-3665/336, 12-24=-3814/328
BOT CHORD	2-18=-219/3149, 18-25=-145/2821, 17-25=-145/2821, 17-26=-145/2821, 16-26=-145/2821, 16-27=-146/2821, 15-27=-146/2821, 15-28=-146/2821, 14-28=-146/2821, 12-14=-219/3149
WEBS	7-16=-145/1614, 8-16=-1191/175, 8-14=0/479, 10-14=-331/131, 6-16=-1191/175, 6-18=0/479, 4-18=-331/131

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 2-3-3, Interior(1) 2-3-3 to 18-0-0, Exterior(2) 18-0-0 to 21-7-3, Interior(1) 21-7-3 to 37-4-0 zone; cantilever left and right exposed ; 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

Continued on page 2

NOTES-

3) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) All plates are 4x4 MT20 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, with BCDL = 10.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=209, 12=209.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	D1A	COMMON	8	1	Job Reference (optional)

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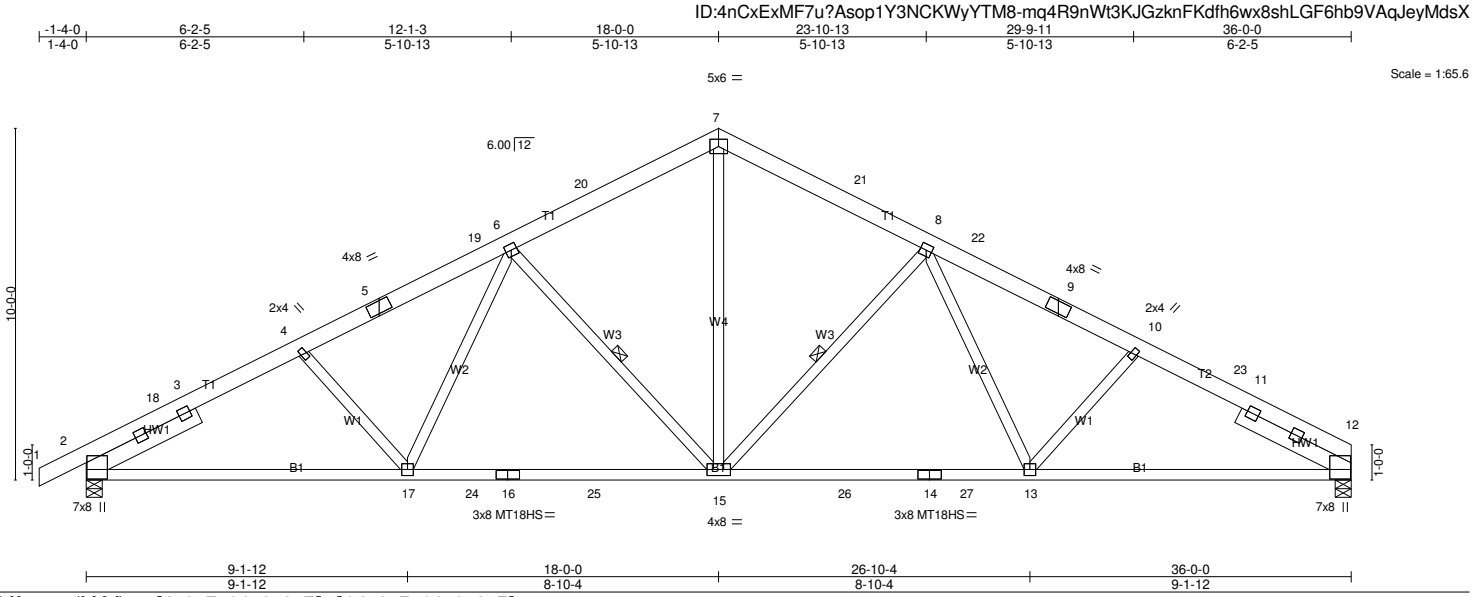

Plate Offsets (X,Y)-- [2:0-5-10,0-0-5], [12:0-5-10,0-0-5]

LOADING (psf)			**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.60	Vert(LL)	-0.29	15-17	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.43	15-17	>999	180	MT18HS	197/1
TCDL	7.0		Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.16	12	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S							Weight: 186 lb	FT =
BCDL	10.0												

LUMBER-

TOP CHORD	2x6 SPF No.2
BOT CHORD	2x4 SPF 1650F 1.5E
WEBS	2x4 SPF Stud
SLIDER	Left 2x6 SPF No.2 -h 3-6-12, Right 2x6 SPF No.2 -h 3-6-12

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-11-10 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 8-15, 6-15

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

REACTIONS. (lb/size) 2=2420/0-5-8 (min. 0-3-14), 12=2273/0-5-8 (min. 0-3-10)
Max Horz 2=183(LC 15)
Max Uplift2=-210(LC 16), 12=-160(LC 16)
Max Grav 2=2451(LC 2), 12=2301(LC 2)

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

TOP CHORD	2-18=-3820/329, 3-18=-3670/337, 3-4=-3668/353, 4-5=-3431/329, 5-19=-3344/333, 6-19=-3197/343, 6-20=-2604/319, 7-20=-2446/339, 7-21=-2446/345, 8-21=-2603/332, 8-22=-3210/364, 9-22=-3356/353, 9-10=-3444/350, 10-23=-3656/379, 11-23=-3685/368, 11-12=-3871/360
BOT CHORD	2-17=-219/3153, 17-24=-146/2826, 16-24=-146/2826, 16-25=-146/2826, 15-25=-146/2826, 15-26=-148/2830, 14-26=-148/2830, 14-27=-148/2830, 13-27=-148/2830, 12-13=-236/3175
WEBS	7-15=-150/1618, 8-15=-1197/175, 8-13=0/493, 10-13=-347/152, 6-15=-1168/174, 6-17=0/479, 4-17=-331/131

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 2-3-3, Interior(1) 2-3-3 to 18-0-0, Exterior(2) 18-0-0 to 21-7-3, Interior(1) 21-7-3 to 36-0-0 zone; cantilever left and right exposed ; 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

Continued on page 2

NOTES-

3) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) All plates are 4x4 MT20 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, with BCDL = 10.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=210, 12=160.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	D1B	COMMON	8	1	Job Reference (optional)

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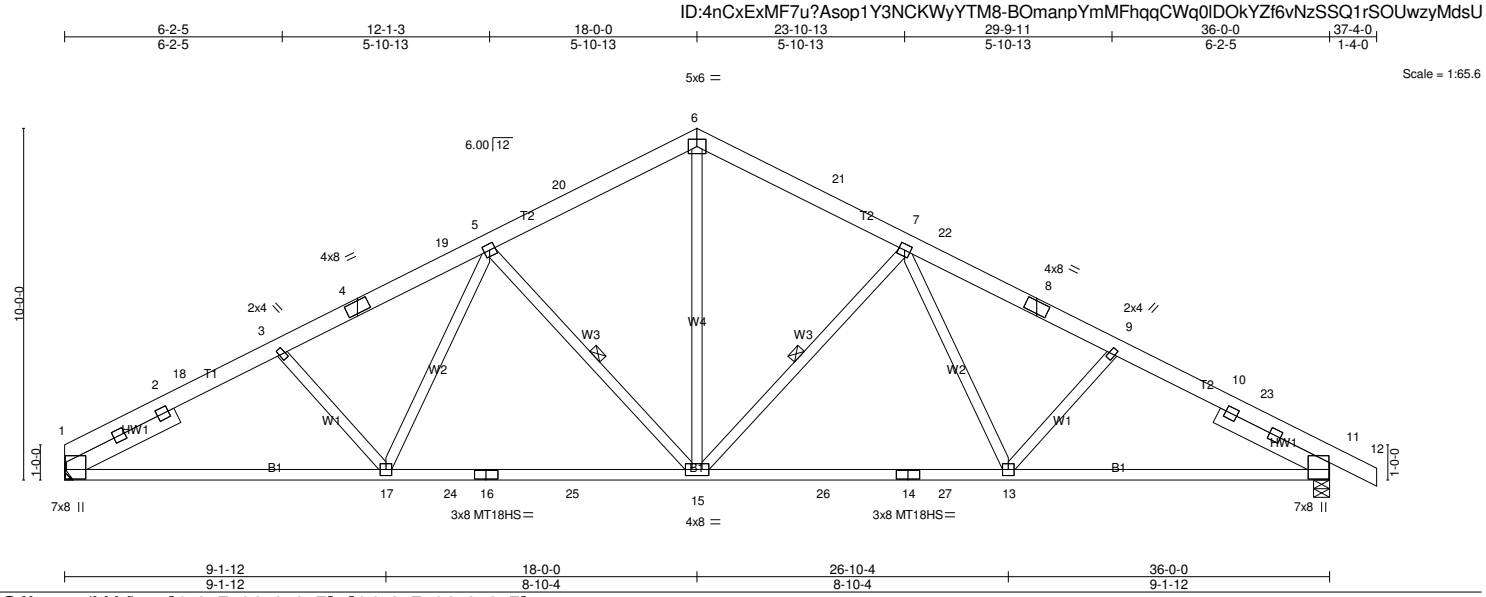

Plate Offsets (X,Y)-- [1:0-5-10,0-0-5], [11:0-5-10,0-0-5]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.60	Vert(LL)	-0.29	13-15	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.43	13-15	>999	180	MT18HS	197/1
TCDL	7.0	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.16	11	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S							Weight: 186 lb	FT =
BCDL	10.0											

LUMBER-

TOP CHORD	2x6 SPF No.2
BOT CHORD	2x4 SPF 1650F 1.5E
WEBS	2x4 SPF Stud
SLIDER	Left 2x6 SPF No.2 -h 3-6-12, Right 2x6 SPF No.2 -h 3-6-12

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-11-10 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 7-15, 5-15

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

REACTIONS. (lb/size) 1=2273/Mechanical, 11=2420/0-5-8 (min. 0-3-14)
Max Horz 1=-183(LC 14)
Max Uplift1=-160(LC 16), 11=-210(LC 16)
Max Grav 1=2301(LC 2), 11=2451(LC 2)

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

TOP CHORD	1-2=-3871/360, 2-18=-3685/368, 3-18=-3656/378, 3-4=-3444/350, 4-19=-3356/353, 5-19=-3210/364, 5-20=-2603/332, 6-20=-2446/345, 6-21=-2446/339, 7-21=-2604/319, 7-22=-3197/343, 8-22=-3344/333, 8-9=-3431/329, 9-10=-3668/353, 10-23=-3670/337, 11-23=-3819/329
BOT CHORD	1-17=-242/3175, 17-24=-147/2830, 16-24=-147/2830, 16-25=-147/2830, 15-25=-147/2830, 15-26=-151/2826, 14-26=-151/2826, 14-27=-151/2826, 13-27=-151/2826, 11-13=-224/3153
WEBS	6-15=-150/1618, 7-15=-1168/174, 7-13=0/479, 9-13=-331/131, 5-15=-1197/175, 5-17=0/493, 3-17=-347/151

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-7-3, Interior(1) 3-7-3 to 18-0-0, Exterior(2) 18-0-0 to 21-7-3, Interior(1) 21-7-3 to 37-4-0 zone; cantilever left and right exposed ; 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

Continued on page 2

NOTES-

3) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) All plates are 4x4 MT20 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, with BCDL = 10.0psf.
10) Refer to girder(s) for truss to truss connections.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=160, 11=210.
12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	D1BGA	GABLE	1	1	Job Reference (optional)

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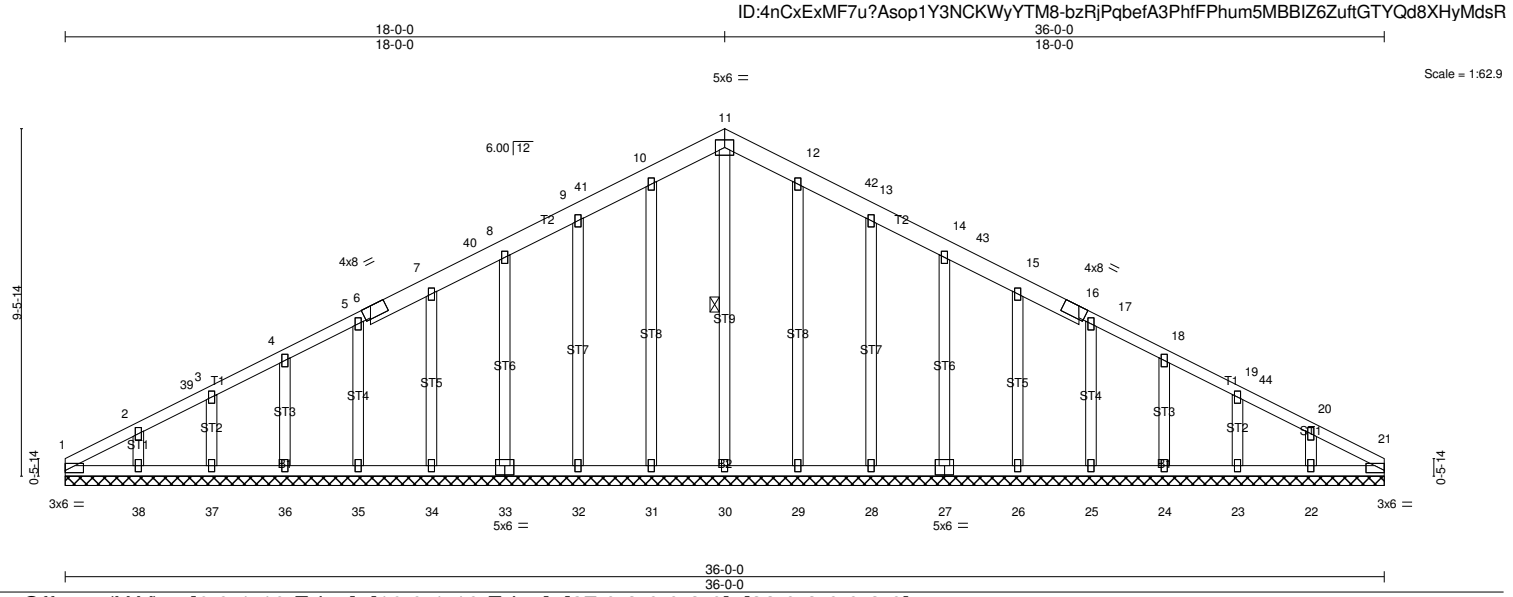

Plate Offsets (X,Y)-- [6:0-1-10,Edge], [16:0-1-10,Edge], [27:0-3-0,0-3-0], [33:0-3-0,0-3-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.00	21	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S								
BCDL	10.0										Weight: 191 lb	FT =

LUMBER-

TOP CHORD	2x6 SPF No.2 *Except* T1: 2x4 SPF No.2
BOT CHORD	2x4 SPF 1650F 1.5E
OTHERS	2x4 SPF Stud

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.
WEBS	1 Row at midpt 11-30

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

REACTIONS. All bearings 36-0-0.
(lb) - Max Horz 1=-172(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 31, 32, 33, 34, 35, 36, 37, 38, 29, 28, 27, 26, 25, 24, 23, 22
Max Grav All reactions 250 lb or less at joint(s) 1, 21, 30, 35, 37, 25, 23 except 31=369(LC 20), 32=371(LC 20), 33=334(LC 20), 34=262(LC 20), 36=262(LC 31), 38=289(LC 31), 29=369(LC 21), 28=371(LC 21), 27=334(LC 21), 26=262(LC 21), 24=262(LC 32), 22=289(LC 32)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 9-41=-101/264, 10-41=-84/270, 10-11=-104/301, 11-12=-104/303, 12-42=-84/272, 13-42=-101/266
WEBS 10-31=-329/109, 9-32=-331/121, 8-33=-294/88, 12-29=-329/110, 13-28=-331/120, 14-27=-294/88

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=36ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 3-7-3, Exterior(2) 3-7-3 to 18-0-0, Corner(3) 18-0-0 to 21-7-3, Exterior(2) 21-7-3 to 36-0-0 zone; cantilever left and right exposed ; 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

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	D1BGA	GABLE	1	1	Job Reference (optional)

NOTES-

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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 31, 32, 33, 34, 35, 36, 37, 38, 29, 28, 27, 26, 25, 24, 23, 22.
12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	D1SGA	GABLE	1	1	Job Reference (optional)

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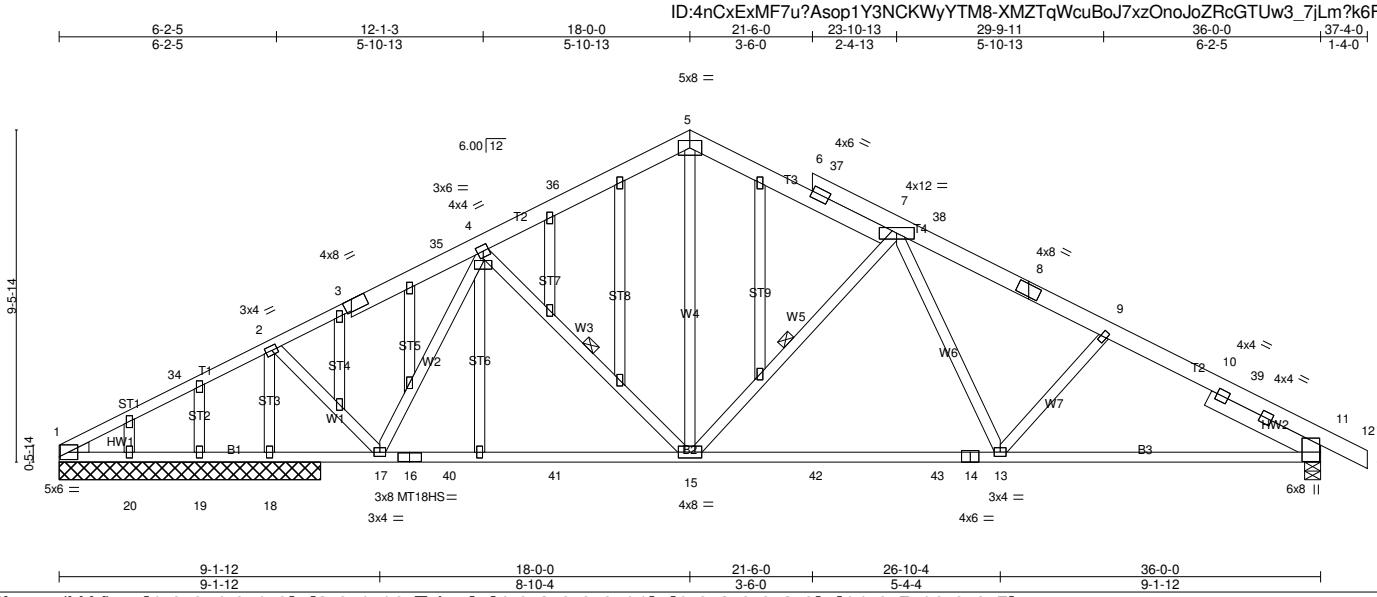

Plate Offsets (X,Y)-- [1:0-0-4,0-1-0], [3:0-1-10,Edge], [4:0-3-0,0-0-11], [6:0-2-0,0-2-0], [11:0-5-10,0-0-5]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.82	Vert(LL)	-0.34	15-17	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.55	15-17	>659	180	MT18HS	197/1
TCDL	7.0	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.14	11	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S								
BCDL	10.0										Weight: 220 lb	FT =

LUMBER-

TOP CHORD 2x6 SPF No.2 *Except*
T1: 2x4 SPF No.2
BOT CHORD 2x4 SP 2400F 2.0E *Except*
B2: 2x4 SPF 1650F 1.5E
WEBS 2x4 SPF Stud
OTHERS 2x4 SPF Stud
WEDGE
Left: 2x4 SPF Stud
SLIDER Right 2x6 SPF No.2 -h 3-6-12

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-1-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-15, 4-15

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

REACTIONS. All bearings 7-5-8 except (jt=length) 11=0-5-8.
(lb) - Max Horz 1=-173(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 18, 20 except
1=-169(LC 16), 11=-210(LC 16), 19=-318(LC 2)
Max Grav All reactions 250 lb or less at joint(s) 19 except
1=1928(LC 2), 11=2393(LC 2), 18=459(LC 2), 20=289(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-34=-3869/390, 2-34=-3687/403, 2-3=-3423/357, 3-35=-3264/367, 4-35=-3167/377, 4-36=-2614/329, 5-36=-2470/343, 5-6=-2456/338, 6-37=-2449/324, 7-37=-2550/323, 7-38=-3103/341, 8-38=-3215/330, 8-9=-3327/328, 9-10=-3535/348, 10-39=-3539/333, 11-39=-3703/325
BOT CHORD 1-20=-285/3289, 19-20=-285/3289, 18-19=-285/3289, 17-18=-285/3289, 16-17=-171/2804, 16-40=-171/2804, 40-41=-171/2804, 15-41=-171/2804, 15-42=-160/2813, 42-43=-160/2813, 14-43=-160/2813, 13-14=-160/2813, 11-13=-219/3035
WEBS 5-15=-139/1516, 7-15=-1132/166, 7-13=0/408, 4-15=-1094/178, 4-17=-8/427, 2-17=-525/172

NOTES-

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

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NOTES-

2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-7-3, Interior(1) 3-7-3 to 18-0-0, Exterior(2) 18-0-0 to 21-7-3, Interior(1) 21-7-3 to 37-4-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
7) All plates are MT20 plates unless otherwise indicated.
8) All plates are 2x4 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 20 except (jt=lb) 1=169, 11=210, 19=318.
13) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	D2	Roof Special	5	1	Job Reference (optional)

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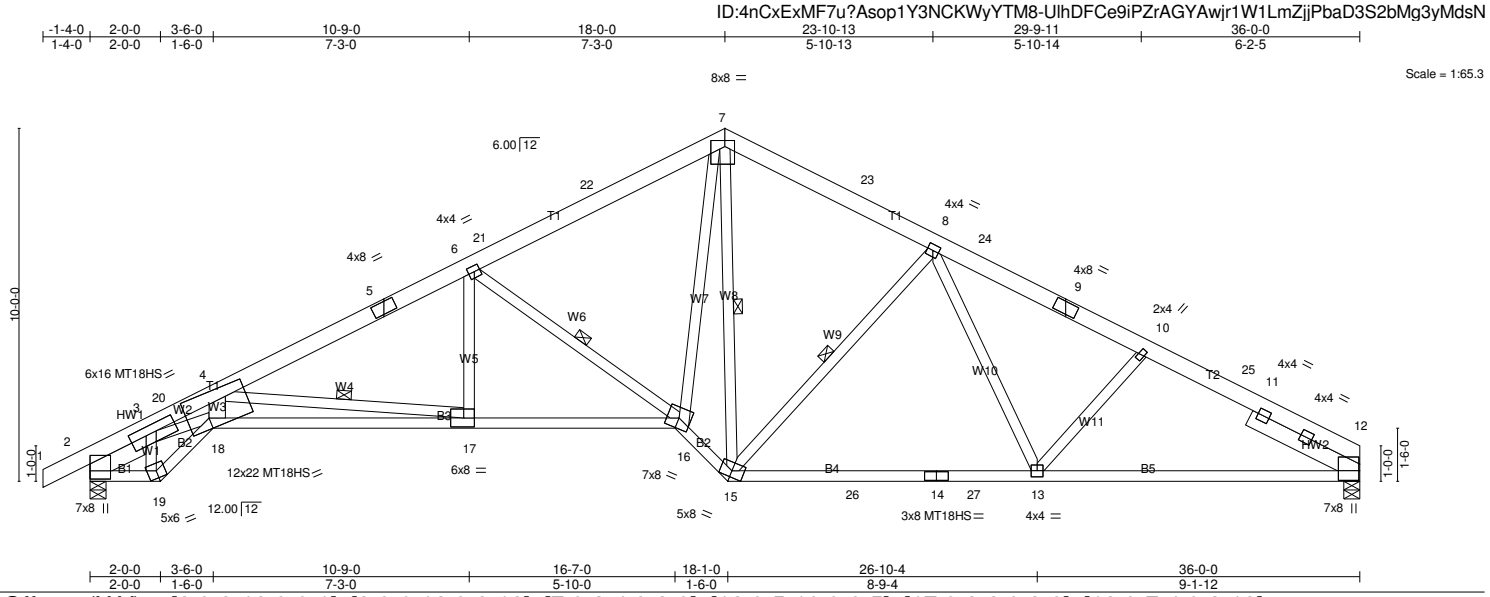

Plate Offsets (X,Y)-- [2:0-2-12,0-0-1], [3:0-6-12,0-2-12], [7:0-3-4,0-2-0], [12:0-5-10,0-0-5], [17:0-3-8,0-3-0], [18:0-7-4,0-3-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.97	Vert(LL)	-0.52	17-18	>835	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.95	Vert(CT)	-0.75	17-18	>578	180	MT18HS	197/1
TCDL	7.0	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.54	12	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S							Weight: 201 lb	FT =
BCDL	10.0											

LUMBER-

TOP CHORD 2x6 SPF No.2
BOT CHORD 2x4 SPF No.2 *Except*
B3: 2x4 SP 2400F 2.0E, B5: 2x4 SPF 1650F 1.5E
WEBS 2x4 SPF Stud *Except*
W2: 2x4 SPF 1650F 1.5E, W3: 2x6 SPF No.2
W4,W7: 2x4 SPF No.2
SLIDER Left 2x6 SPF No.2 -h 1-10-6,
Right 2x6 SPF No.2 -h 3-5-11

BRACING-

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
2-2-0 oc bracing: 18-19,13-15.
WEBS 1 Row at midpt 4-17, 6-16, 7-15, 8-15

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

REACTIONS. (lb/size) 2=2420/0-5-8 (min. 0-3-14), 12=2273/0-5-8 (min. 0-3-10)
Max Horz 2=183(LC 15)
Max Uplift2=-210(LC 16), 12=-160(LC 16)
Max Grav 2=2451(LC 2), 12=2301(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3397/272, 3-20=-8519/648, 4-20=-8447/654, 4-5=-4603/379, 5-6=-4327/395, 6-21=-3179/333, 21-22=-3150/338, 7-22=-2971/361, 7-23=-2454/352, 8-23=-2616/332, 8-24=-3210/362, 9-24=-3360/351, 9-10=-3444/348, 10-25=-3654/377, 11-25=-3686/366, 11-12=-3869/359
BOT CHORD 2-19=-160/2498, 18-19=-185/2951, 17-18=-520/7500, 16-17=-220/4065, 15-16=-69/3054, 15-26=-149/2835, 14-26=-149/2835, 14-27=-149/2835, 13-27=-149/2835, 12-13=-235/3172
WEBS 3-19=-1871/126, 3-18=-378/5263, 4-18=-65/2054, 4-17=-3466/312, 6-17=0/757, 6-16=-1926/206, 7-16=-134/3123, 7-15=-1408/0, 8-15=-1211/169, 8-13=0/495, 10-13=-340/153

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 2-3-3, Interior(1) 2-3-3 to 18-0-0, Exterior(2) 18-0-0 to 21-7-3, Interior(1) 21-7-3 to 36-0-0 zone; cantilever left and right exposed ; 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

Continued on page 2

NOTES-

3) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) The Fabrication Tolerance at joint 18 = 16%, joint 18 = 16%
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=210, 12=160.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	D2A	Roof Special	5	1	Job Reference (optional)

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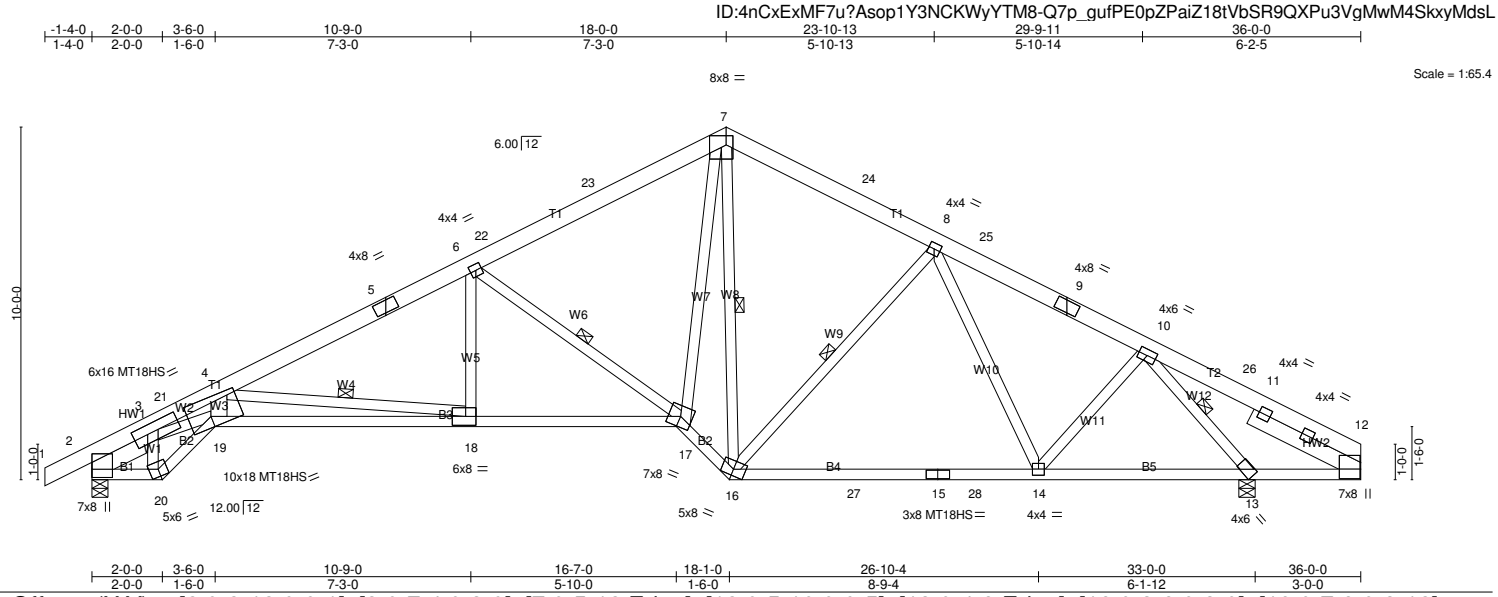

Plate Offsets (X,Y)-- [2:0-2-12,0-0-1], [3:0-7-4,0-3-0], [7:0-5-12,Edge], [12:0-5-10,0-0-5], [13:0-4-8,Edge], [18:0-3-8,0-3-0], [19:0-7-8,0-3-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.82	Vert(LL)	-0.44	18-19	>893	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.88	Vert(CT)	-0.64	18-19	>614	180	MT18HS	197/1
TCDL	7.0	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.45	13	n/a	n/a		
BCLL	0.0 *	Code IRC2015/TPI2014		Matrix-S							Weight: 206 lb	FT =
BCDL	10.0											

LUMBER-

TOP CHORD	2x6 SPF No.2
BOT CHORD	2x4 SPF No.2 *Except* B3: 2x4 SP 2400F 2.0E, B5: 2x4 SPF 1650F 1.5E
WEBS	2x4 SPF Stud *Except* W2: 2x4 SPF 1650F 1.5E, W3: 2x6 SPF No.2 W4,W7: 2x4 SPF No.2
SLIDER	Left 2x6 SPF No.2 -h 1-10-6, Right 2x6 SPF No.2 -h 3-5-11

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 12-13.
WEBS	1 Row at midpt 4-18, 6-17, 7-16, 8-16, 10-13

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

REACTIONS. (lb/size) 2=2205/0-5-8 (min. 0-3-8), 13=2487/0-5-8 (min. 0-3-15)
Max Horz 2=183(LC 15)
Max Uplift2=-195(LC 16), 13=-175(LC 16)
Max Grav 2=2234(LC 2), 13=2518(LC 2)

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

TOP CHORD	2-3=-3059/238, 3-21=-7646/560, 4-21=-7574/566, 4-5=-4022/321, 5-6=-3746/336, 6-22=-2649/280, 22-23=-2619/283, 7-23=-2442/307, 7-24=-1994/294, 8-24=-2147/281, 8-25=-2012/226, 9-25=-2123/216, 9-10=-2275/205, 10-26=-186/658, 11-26=-189/508, 11-12=-204/513
BOT CHORD	2-20=-129/2241, 19-20=-148/2648, 18-19=-437/6735, 17-18=-157/3540, 16-17=-14/2474, 16-27=-71/2036, 15-27=-71/2036, 15-28=-71/2036, 14-28=-71/2036, 13-14=-76/1508, 12-13=-421/236
WEBS	3-20=-1675/103, 3-19=-324/4729, 4-19=-40/1851, 4-18=-3224/288, 6-18=0/707, 6-17=-1882/198, 7-17=-85/2685, 7-16=-1427/0, 8-16=-640/116, 8-14=-337/92, 10-14=0/599, 10-13=-3050/428

NOTES-

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

Continued on page 2

NOTES-

2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 2-3-3, Interior(1) 2-3-3 to 18-0-0, Exterior(2) 18-0-0 to 21-7-3, Interior(1) 21-7-3 to 36-0-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=195, 13=175.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	E1	Common	5	1	Job Reference (optional)

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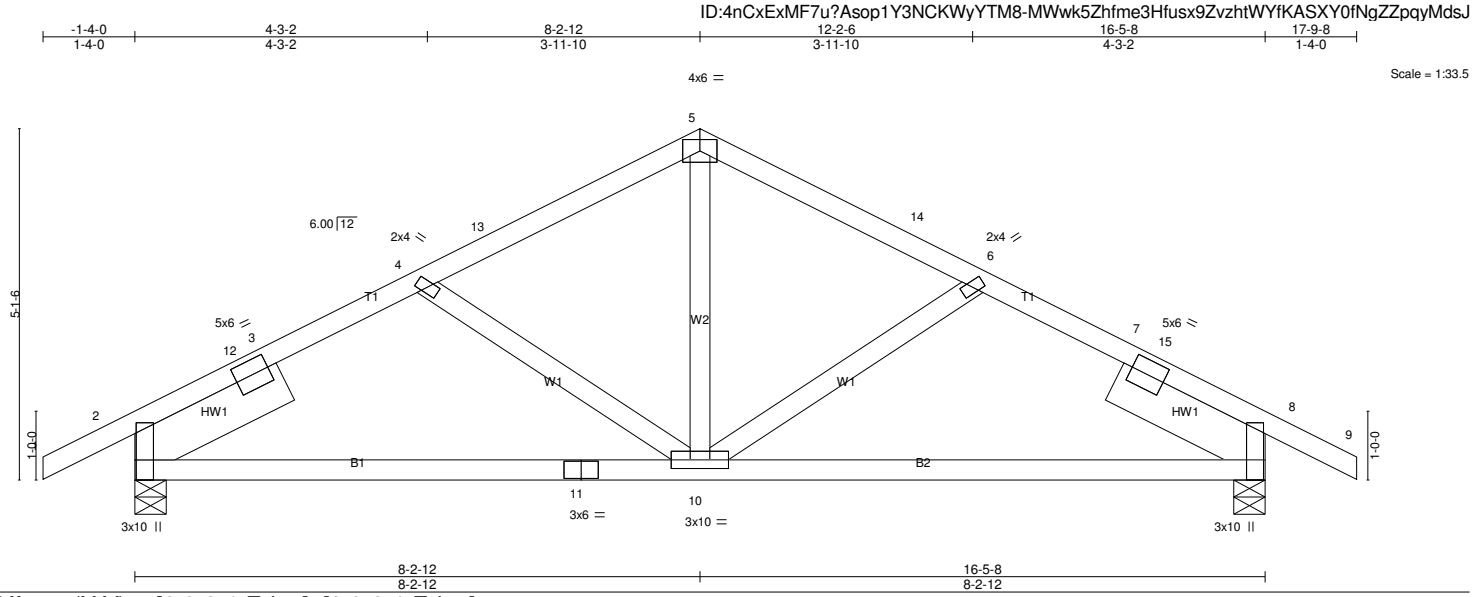

Plate Offsets (X,Y)-- [2:0-8-1,Edge], [8:0-8-1,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.52	Vert(LL)	-0.09	2-10	>999	240	MT20	197/14
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.18	2-10	>999	180		
TCDL	7.0	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.03	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S								
BCDL	10.0										Weight: 71 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
SLIDER	Left 2x8 SPF No.2 -h 2-5-10, Right 2x8 SPF No.2 -h 2-5-10

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-1-4 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=1182/0-5-8 (min. 0-1-14), 8=1182/0-5-8 (min. 0-1-14)
Max Horz 2=-80(LC 14)
Max Uplift 2=-122(LC 16), 8=-122(LC 16)
Max Grav 2=1197(LC 2), 8=1197(LC 2)

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

TOP CHORD	2-12=-1471/160, 3-12=-1359/168, 3-4=-1356/177, 4-13=-1132/133, 5-13=-1041/145, 5-14=-1041/145, 6-14=-1132/133, 6-7=-1356/177, 7-15=-1359/168, 8-15=-1469/160
BOT CHORD	2-11=-96/1135, 10-11=-96/1135, 8-10=-94/1135
WEBS	5-10=-7/449, 6-10=-350/120, 4-10=-350/120

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 1-8-0, Interior(1) 1-8-0 to 8-2-12, Exterior(2) 8-2-12 to 11-2-12, Interior(1) 11-2-12 to 17-9-8 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

NOTES-

7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=122, 8=122.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	E1GA	COMMON SUPPORTED GAB	1	1	Job Reference (optional)

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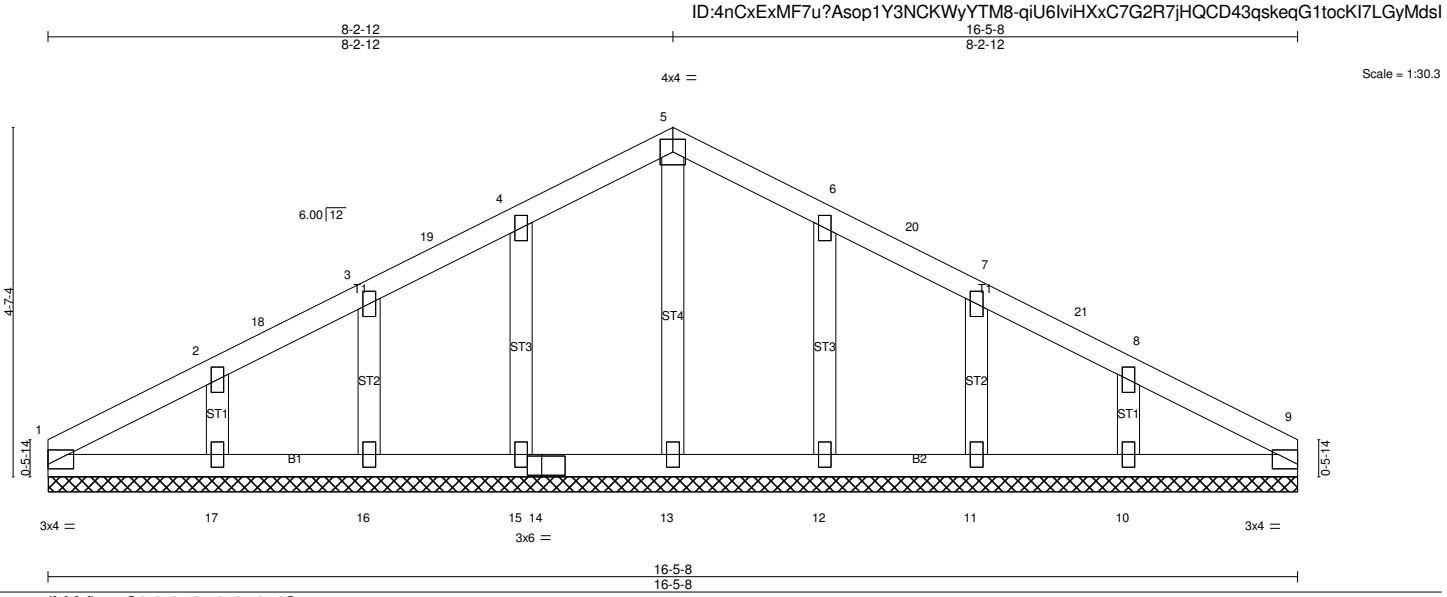

Plate Offsets (X,Y)-- [14:0-2-4,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	197/144
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	9	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S								
BCDL	10.0										Weight: 59 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 16-5-8.
(lb) - Max Horz 1=-72(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 15, 16, 17, 12, 11, 10
Max Grav All reactions 250 lb or less at joint(s) 1, 9, 13 except 15=344(LC 20), 16=264(LC 20), 17=311(LC 31), 12=344(LC 21), 11=264(LC 21), 10=311(LC 32)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-15=-302/150, 2-17=-254/169, 6-12=-302/150, 8-10=-254/169

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 8-2-12, Corner(3) 8-2-12 to 11-2-12, Exterior(2) 11-2-12 to 16-5-8 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) All plates are 2x4 MT20 unless otherwise indicated.

Continued on page 2

NOTES-

7) Gable requires continuous bottom chord bearing.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 15, 16, 17, 12, 11, 10.
12) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1.
13) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	E1GR	COMMON GIRDER	1	2	Job Reference (optional)

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ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-jTkd8HlobAiZlfkvy6V8OwDRiLuSCiJOXyGKU1yMdsE

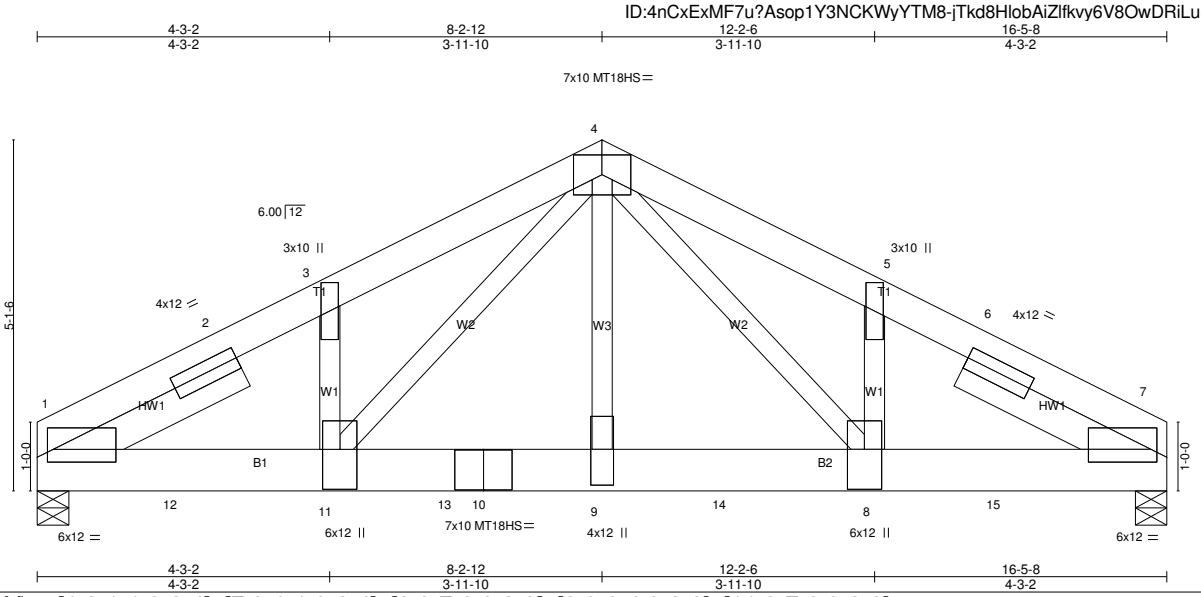

Plate Offsets (X,Y)-- [1:0-1-1,0-2-4], [7:0-1-1,0-2-4], [8:0-7-0,0-3-0], [9:0-6-4,0-2-0], [11:0-7-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.43	Vert(LL)	-0.10	9-11	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.50	Vert(CT)	-0.14	9-11	>999	180	MT18HS	197/1
TCDL	7.0	Rep Stress Incr	NO	WB	0.70	Horz(CT)	0.05	7	n/a	n/a		
BCLL	0.0 *	Code IRC2015/TPI2014		Matrix-S							Weight: 254 lb	FT =
BCDL	10.0											

LUMBER-

TOP CHORD	2x6 SP 2400F 2.0E
BOT CHORD	2x8 SP 2400F 2.0E
WEBS	2x4 SPF Stud *Except* W3: 2x4 SPF No.2
SLIDER	Left 2x6 SPF No.2 -h 2-11-12, Right 2x6 SPF No.2 -h 2-11-12

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-5-8 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=9024/0-5-8 (min. 0-3-13), 7=11026/0-5-8 (min. 0-4-10)
Max Horz 1=77(LC 34)
Max Uplift1=-684(LC 12), 7=-832(LC 12)
Max Grav 1=9139(LC 2), 7=11167(LC 2)

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

TOP CHORD	1-2=-13726/1023, 2-3=-13515/1028, 3-4=-12739/1030, 4-5=-12740/1030, 5-6=-13521/1028, 6-7=-13734/1024
BOT CHORD	1-12=-821/11468, 11-12=-821/11468, 11-13=-641/9400, 10-13=-641/9400, 9-10=-641/9400, 9-14=-641/9400, 8-14=-641/9400, 8-15=-821/11469, 7-15=-821/11469
WEBS	4-9=-374/5491, 4-8=-274/3263, 5-8=-266/1907, 4-11=-273/3262, 3-11=-266/1893

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 0-4-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60

Continued on page 2

NOTES-

5) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
6) Unbalanced snow loads have been considered for this design.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=684, 7=832.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2281 lb down and 180 lb up at 2-0-0, 2281 lb down and 180 lb up at 4-0-0, 2281 lb down and 180 lb up at 6-0-0, 2281 lb down and 180 lb up at 8-0-0, 2281 lb down and 180 lb up at 10-0-0, 2281 lb down and 180 lb up at 12-0-0, and 2281 lb down and 180 lb up at 14-0-0, and 2289 lb down and 173 lb up at 16-2-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-4=-106, 4-7=-106, 1-7=-20
   Concentrated Loads (lb)
      Vert: 7=-2260(B) 9=-2253(B) 8=-2253(B) 11=-2253(B) 12=-2253(B) 13=-2253(B) 14=-2253(B) 15=-2253(B)

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	E-V1	GABLE	1	1	Job Reference (optional)

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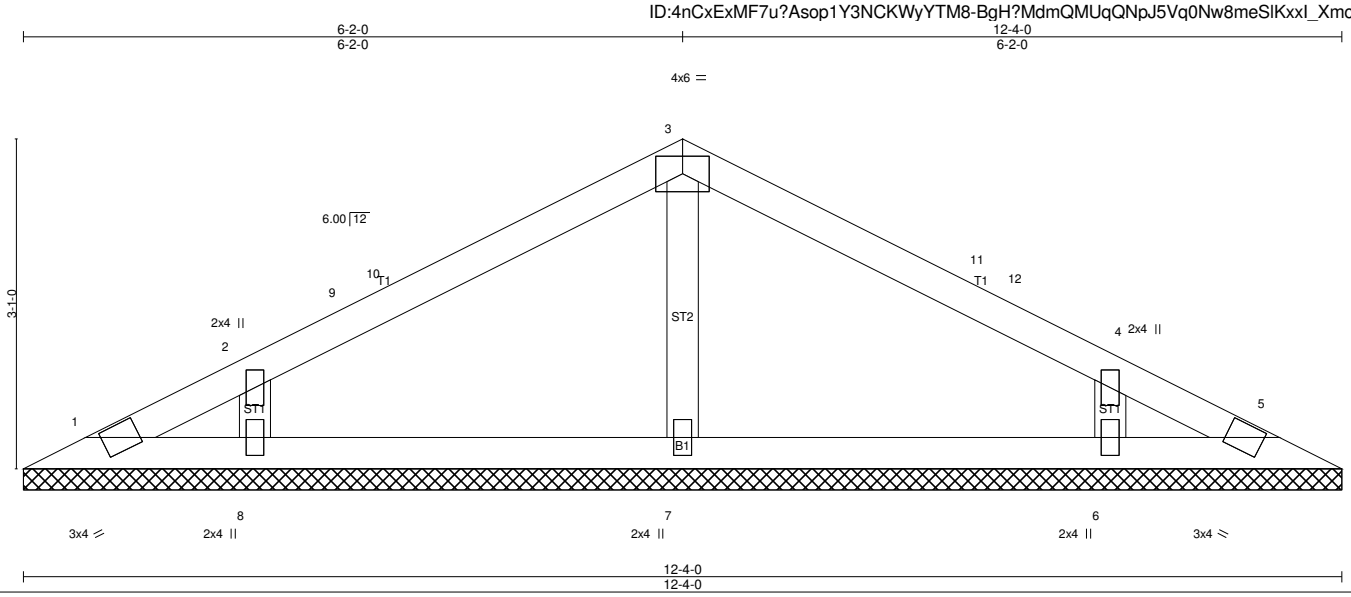

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.30	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *		Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 32 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 12-4-0.
(lb) - Max Horz 1=-47(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 8, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=445(LC 2), 8=506(LC 20), 6=506(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-7=-359/64, 2-8=-451/151, 4-6=-451/151

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 6-2-0, Exterior(2) 6-2-0 to 9-2-0, Interior(1) 9-2-0 to 11-8-9 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 8, 6.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	E-V1	GABLE	1	1	Job Reference (optional)

NOTES-

9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	E-V1A	Valley	1	1	Job Reference (optional)

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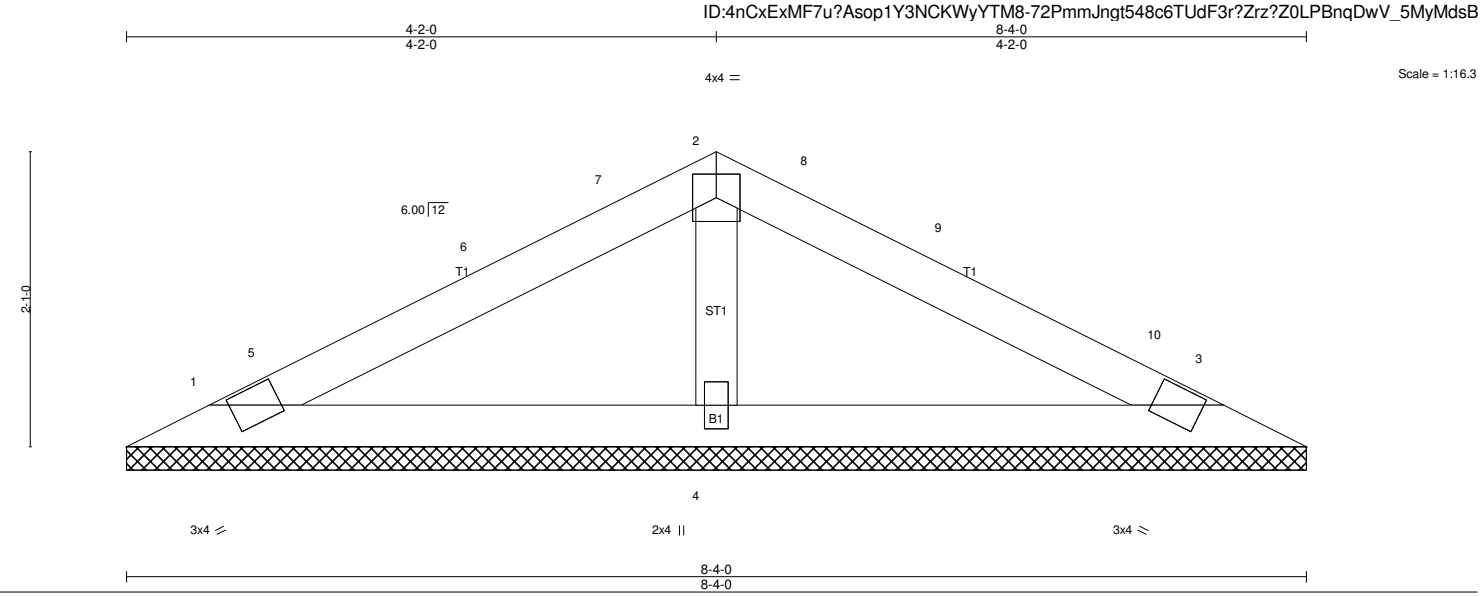

LOADING (psf)			**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.36	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.11	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *		Code IRC2015/TPI2014		Matrix-P								
BCDL	10.0											Weight: 20 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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) 1=236/8-4-0 (min. 0-1-8), 3=236/8-4-0 (min. 0-1-8), 4=425/8-4-0 (min. 0-1-8)
Max Horz 1=-30(LC 14)
Max Uplift 1=-30(LC 16), 3=-30(LC 16), 4=-3(LC 16)
Max Grav 1=239(LC 2), 3=239(LC 2), 4=430(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-342/109

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 4-2-0, Exterior(2) 4-2-0 to 7-2-0, Interior(1) 7-2-0 to 7-8-9 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	E-V1A	Valley	1	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	E-V1B	Valley	1	1	Job Reference (optional)

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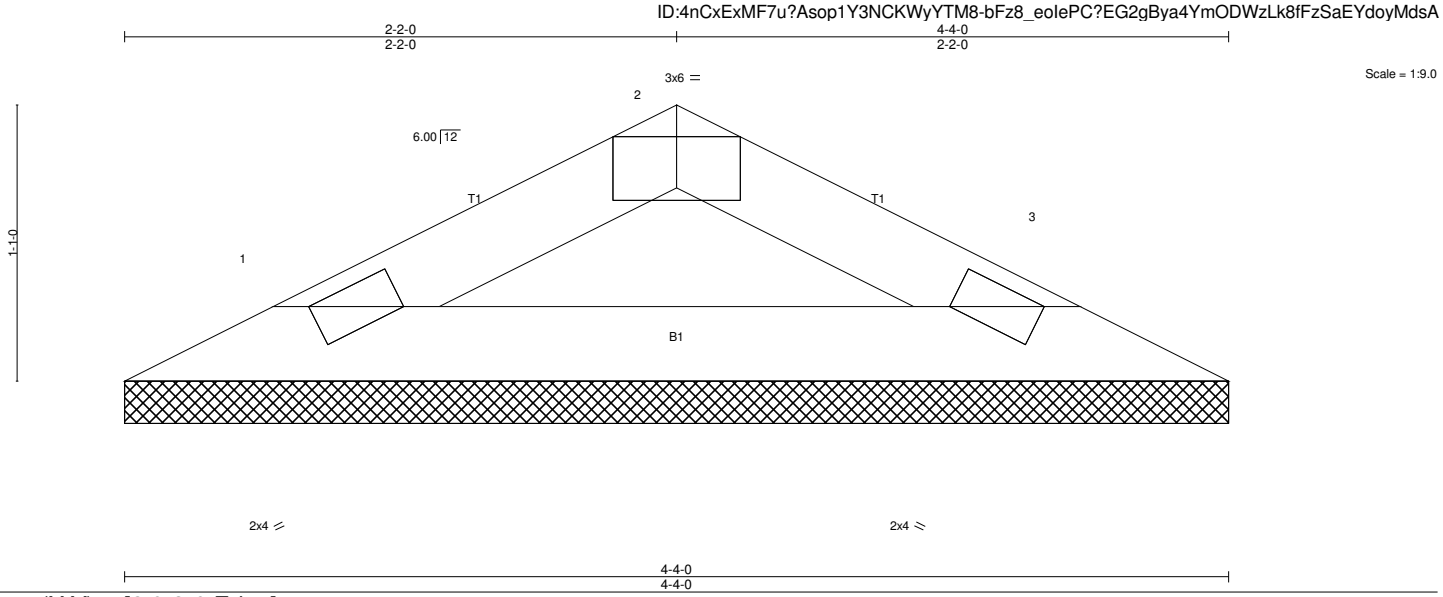

Plate Offsets (X,Y)-- [2:0-3-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	197/144
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-P								
BCDL	10.0										Weight: 9 lb	FT =

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-0 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) 1=196/4-4-0 (min. 0-1-8), 3=196/4-4-0 (min. 0-1-8)
Max Horz 1=13(LC 15)
Max Uplift 1=-14(LC 16), 3=-14(LC 16)
Max Grav 1=198(LC 2), 3=198(LC 2)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	F1	COMMON	8	1	Job Reference (optional)

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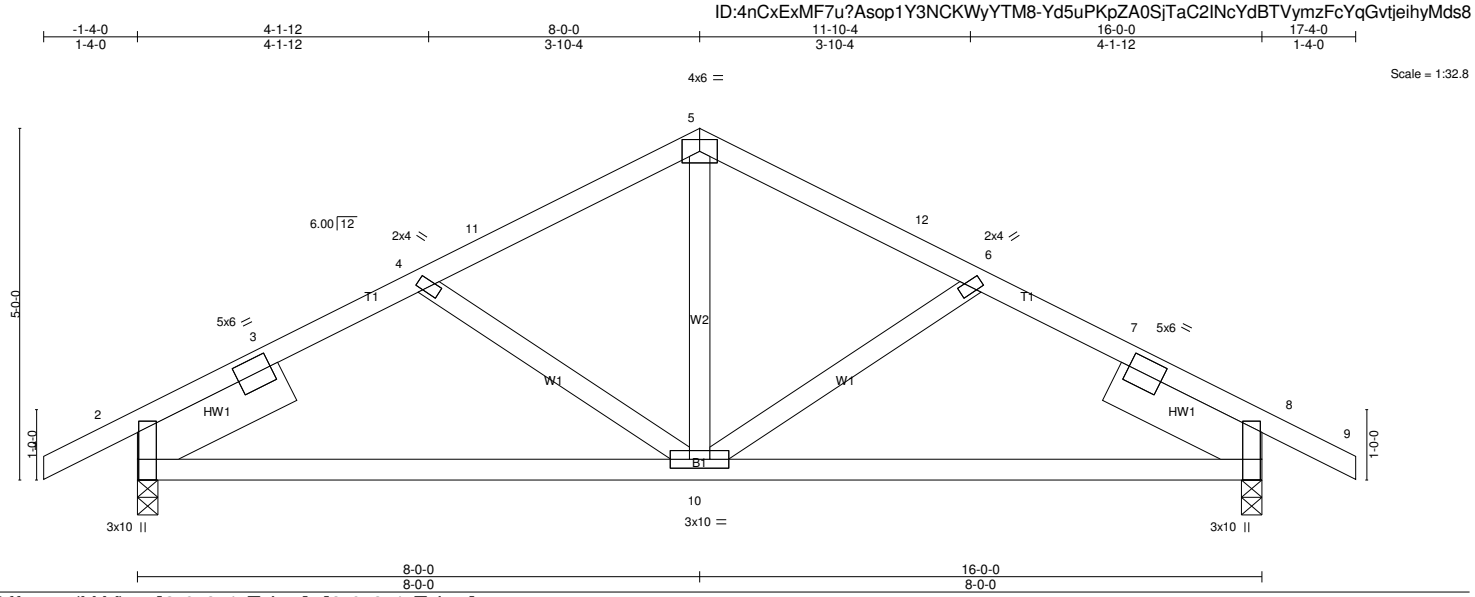


Plate Offsets (X,Y)-- [2:0-8-1,Edge], [8:0-8-1,Edge]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.32	Vert(LL)	-0.05	8-10	>999	240	MT20	197/14
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.11	8-10	>999	180		
TCDL	7.0	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.02	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S								
BCDL	10.0										Weight: 69 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
SLIDER	Left 2x8 SPF No.2 -h 2-4-14, Right 2x8 SPF No.2 -h 2-4-14

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-8-3 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=769/0-3-8 (min. 0-1-8), 8=769/0-3-8 (min. 0-1-8)
Max Horz 2=52(LC 15)
Max Uplift2=-80(LC 16), 8=-80(LC 16)
Max Grav 2=779(LC 2), 8=779(LC 2)

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

TOP CHORD	2-3=-948/106, 3-4=-872/117, 4-11=-717/89, 5-11=-671/96, 5-12=-671/96, 6-12=-717/89, 6-7=-872/117, 7-8=-946/106
BOT CHORD	2-10=-61/728, 8-10=-62/728
WEBS	5-10=-6/286

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 1-8-0, Interior(1) 1-8-0 to 8-0-0, Exterior(2) 8-0-0 to 11-0-0, Interior(1) 11-0-0 to 17-4-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	F1	COMMON	8	1	Job Reference (optional)

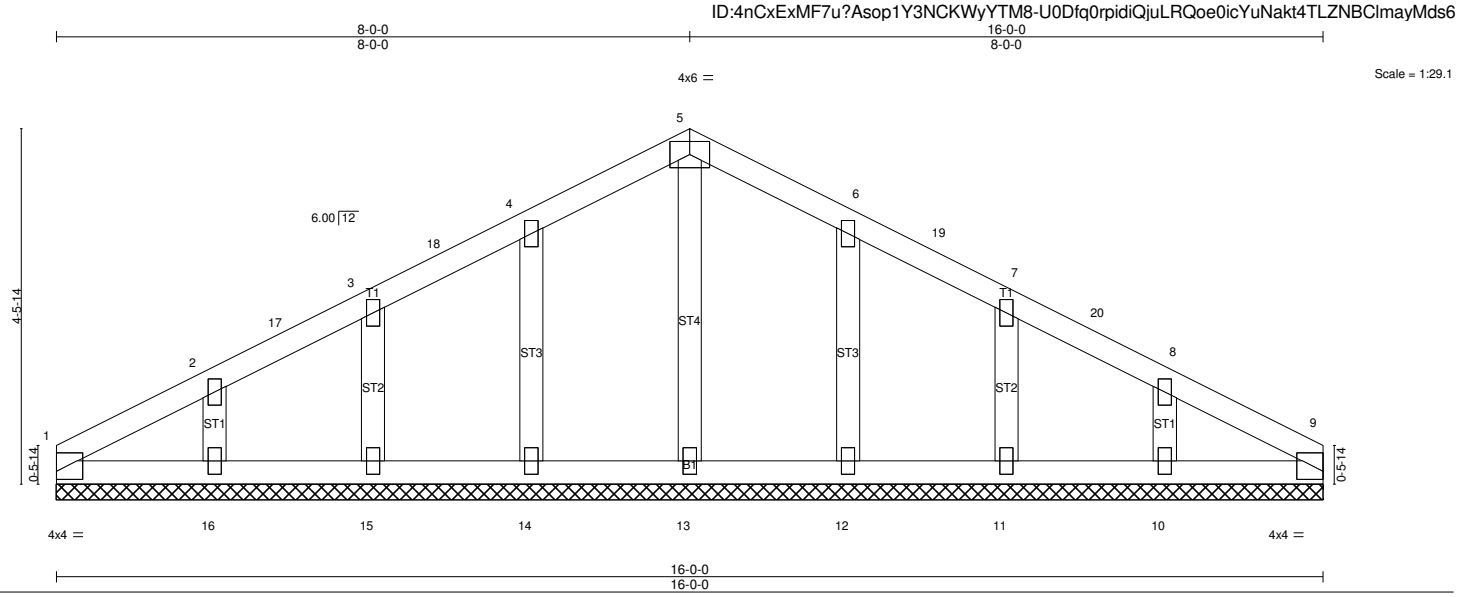
NOTES-

7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	F1GA	COMMON SUPPORTED GAB	1	1	Job Reference (optional)

ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-U0Dfq0rpidiQjuLRQoe0icYuNakt4TLZNBClmayMds6



LOADING (psf)			SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.02	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	9	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 57 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 16-0-0.
(lb) - Max Horz 1=-47(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 14, 15, 16, 12, 11, 10
Max Grav All reactions 250 lb or less at joint(s) 1, 9, 13, 14, 15, 16, 12, 11, 10

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

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 8-0-0, Corner(3) 8-0-0 to 11-0-0, Exterior(2) 11-0-0 to 16-0-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
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.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	F1GA	COMMON SUPPORTED GAB	1	1	Job Reference (optional)

NOTES-

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 15, 16, 12, 11, 10.
12) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 9.
13) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	G1	Common	2	1	Job Reference (optional)

ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-yCm11MsRTxqHK1wdzV9FFq5sE_wCprPjbryJJ0yMds5

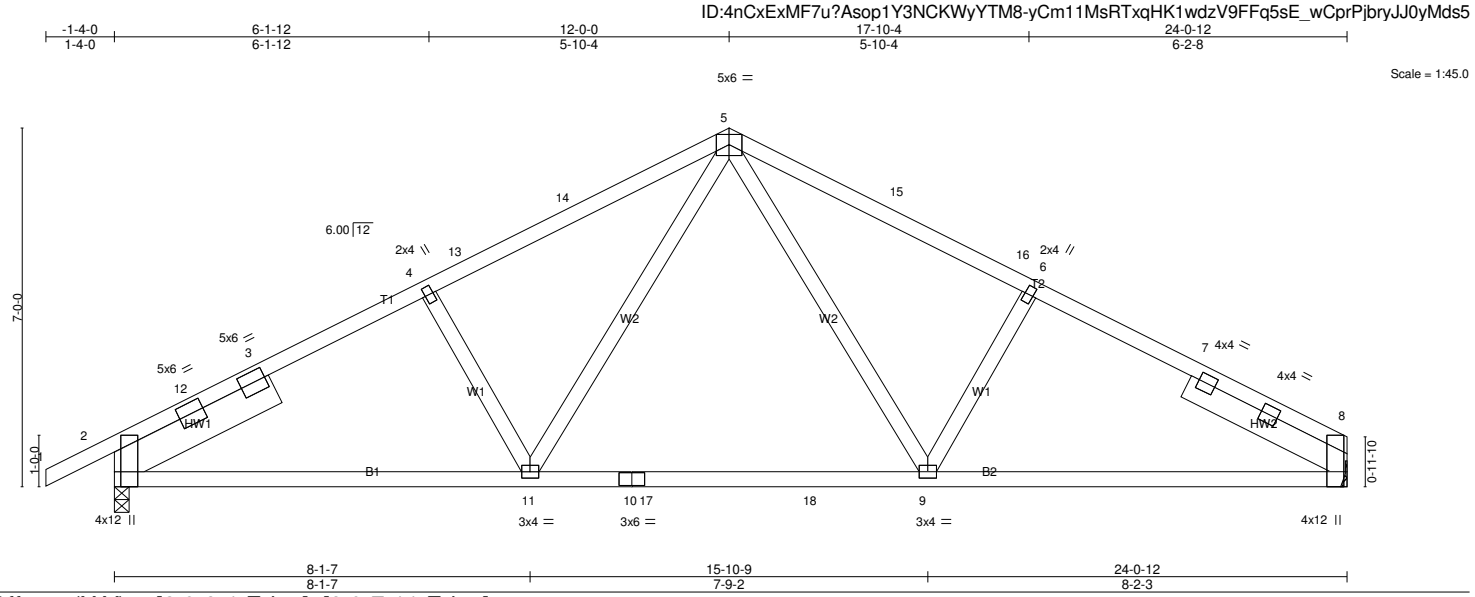


Plate Offsets (X,Y)-- [2:0-8-1,Edge], [8:0-7-11,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.96	Vert(LL)	-0.22	9-11	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.65	Vert(CT)	-0.29	9-11	>999	180		
TCDL	7.0	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.07	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S							Weight: 101 lb	FT =
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF 1650F 1.5E
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
SLIDER	Left 2x8 SPF No.2 -h 3-6-6, Right 2x6 SPF No.2 -h 3-6-10

BRACING-

TOP CHORD	Structural wood sheathing directly applied.
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) 8=1517/Mechanical, 2=1667/0-3-8 (min. 0-2-10)
Max Horz 2=-112(LC 14)
Max Uplift 8=-106(LC 16), 2=-157(LC 16)
Max Grav 8=1536(LC 2), 2=1688(LC 2)

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

TOP CHORD	2-12=-2356/216, 3-12=-2204/218, 3-4=-2206/235, 4-13=-2039/232, 13-14=-1900/240, 5-14=-1898/252, 5-15=-1919/268, 15-16=-2038/257, 6-16=-2060/246, 6-7=-2230/252, 7-8=-2376/233
BOT CHORD	2-11=-124/1894, 10-11=-26/1402, 10-17=-26/1402, 17-18=-26/1402, 9-18=-26/1402, 8-9=-130/1925
WEBS	4-11=-521/159, 5-11=-46/708, 5-9=-50/757, 6-9=-566/163

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 1-8-0, Interior(1) 1-8-0 to 12-0-0, Exterior(2) 12-0-0 to 15-0-0, Interior(1) 15-0-0 to 24-0-12 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

NOTES-

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, with BCDL = 10.0psf.
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) 8=106, 2=157.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	G1SGA	GABLE	1	1	Job Reference (optional)

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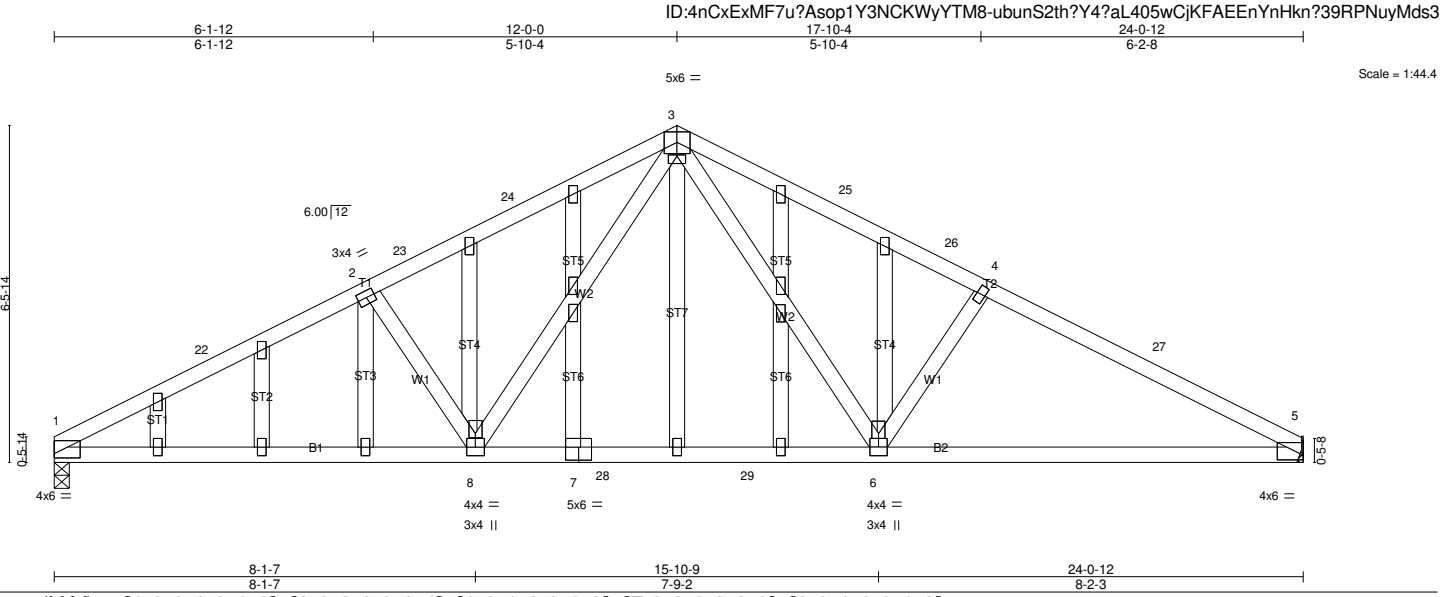

Plate Offsets (X,Y)-- [1:0-0-0,0-1-0], [3:0-2-0,0-0-4], [6:0-1-2,0-1-8], [7:0-3-0,0-3-0], [8:0-1-0,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.73	Vert(LL)	-0.20	6-8	>999	240	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.84	Vert(CT)	-0.28	5-6	>999	180		
TCDL	7.0	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.08	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S								
BCDL	10.0										Weight: 115 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF 1650F 1.5E
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
OTHERS	2x4 SPF Stud

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-1-13 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) 1=1508/0-3-8 (min. 0-2-6), 5=1508/Mechanical
Max Horz 1=-104(LC 14)
Max Uplift 1=-107(LC 16), 5=-107(LC 16)
Max Grav 1=1527(LC 2), 5=1527(LC 2)

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

TOP CHORD	1-22=-2625/259, 2-22=-2501/273, 2-23=-2300/260, 23-24=-2158/261, 3-24=-2138/280, 3-25=-2160/281, 25-26=-2181/262, 4-26=-2322/261, 4-27=-2535/276, 5-27=-2656/262
BOT CHORD	1-8=-174/2226, 7-8=-49/1494, 7-28=-49/1494, 28-29=-49/1494, 6-29=-49/1494, 5-6=-178/2264
WEBS	2-8=-688/176, 3-8=-59/890, 3-6=-62/923, 4-6=-717/180

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 12-0-0, Exterior(2) 12-0-0 to 15-0-0, Interior(1) 15-0-0 to 24-0-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10

Continued on page 2

NOTES-

5) Unbalanced snow loads have been considered for this design.
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) Refer to girder(s) for truss to truss connections.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=107, 5=107.
12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	G-V1	Valley	1	1	Job Reference (optional)

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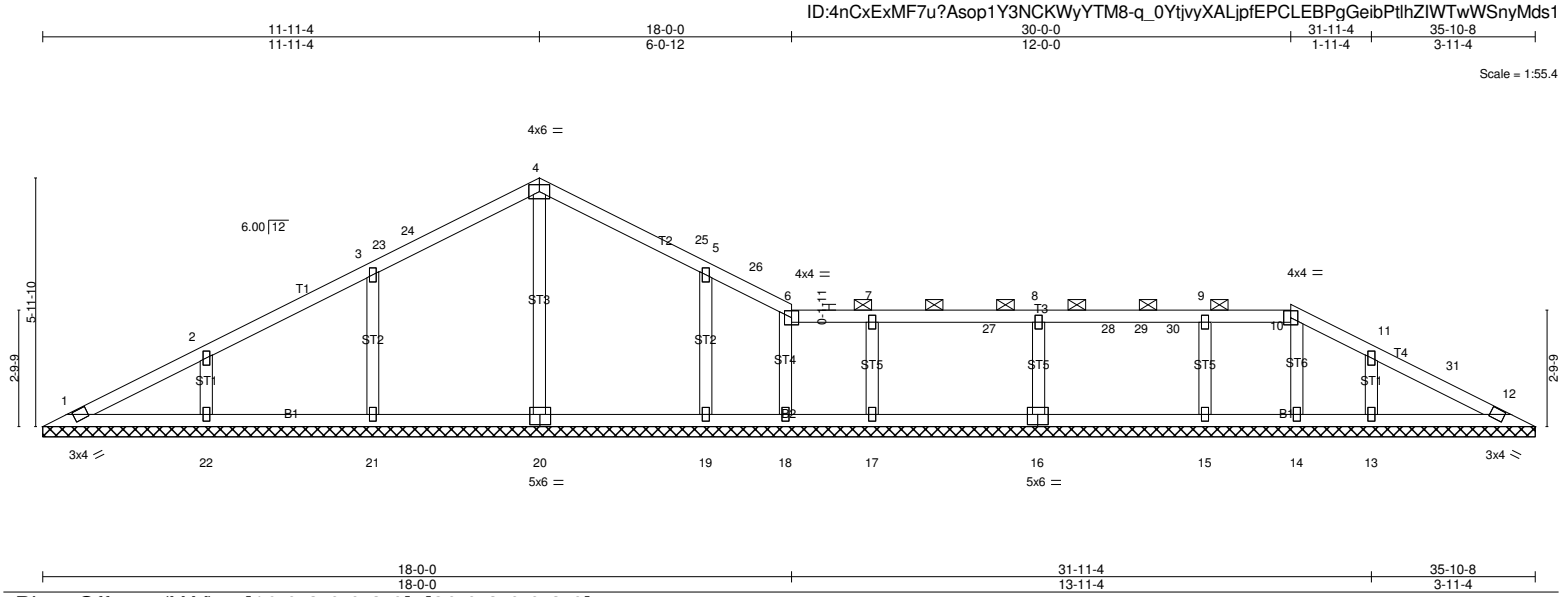


Plate Offsets (X,Y)-- [16:0-3-0,0-3-0], [20:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.48	Vert(LL)	n/a	-	n/a	999	MT20	197/1
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.00	12	n/a	n/a		
BCLL	0.0 *	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0										Weight: 114 lb	FT =

LUMBER-

TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except
2-0-0 oc purlins (6-0-0 max.): 6-10.
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 35-10-8.
(lb) - Max Horz 1=-107(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 21, 22, 19, 17, 16, 15, 18, 13
Max Grav All reactions 250 lb or less at joint(s) 1, 14, 18 except 12=277(LC 39), 20=526(LC 49), 21=832(LC 20), 22=627(LC 20), 19=742(LC 39), 17=649(LC 38), 16=824(LC 38), 15=656(LC 38), 13=672(LC 39)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-20=-372/3, 3-21=-754/149, 2-22=-539/139, 5-19=-675/140, 7-17=-581/82, 8-16=-739/103, 9-15=-586/98, 11-13=-575/129

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-11-4, Interior(1) 3-11-4 to 11-11-4, Exterior(2) 11-11-4 to 15-6-5, Interior(1) 15-6-5 to 30-0-0, Exterior(2) 30-0-0 to 33-7-1, Interior(1) 33-7-1 to 35-3-1 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10, Lu=50-0-0
4) Unbalanced snow loads have been considered for this design.
5) Provide adequate drainage to prevent water ponding.

Continued on page 2

NOTES-

6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 21, 22, 19, 17, 16, 15, 18, 13.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

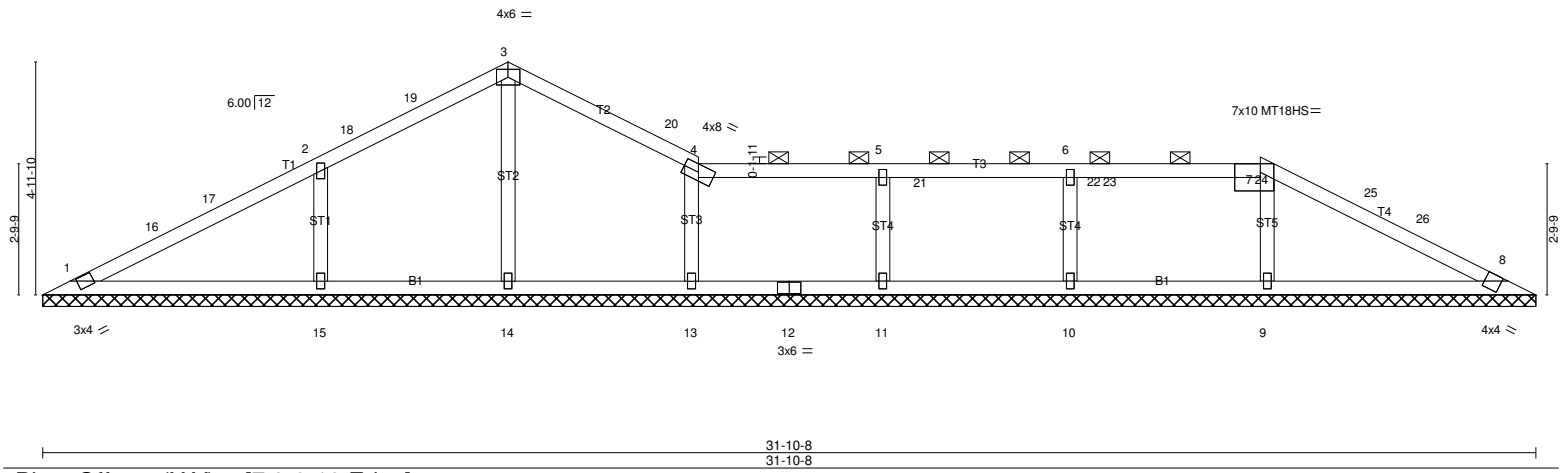
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	G-V1A	Valley	1	1	Job Reference (optional)

ID:4nCxExMF7u?Asop1Y3NCKWyYTM8-FYhgVlxqq5jIg6yzuTnu1lu2ToOfy2dlCR8A26yMds_

9-11-4 | 14-0-0 | 26-0-0 | 31-10-8
9-11-4 | 4-0-12 | 12-0-0 | 5-10-8

Scale = 1:49.2



31-10-8
31-10-8

Plate Offsets (X,Y)-- [7:0-6-10,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.96	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.34	Vert(CT)	n/a	-	n/a	999	MT18HS	197/14
TCDL	7.0	Rep Stress Incr	YES	WB	0.23	Horz(CT)	0.00	8	n/a	n/a		
BCLL	0.0 *	Code IRC2015/TPI2014		Matrix-S							Weight: 92 lb	FT =
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except 2-0-0 oc purlins (6-0-0 max.): 4-7.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 8-9.

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

REACTIONS. All bearings 31-10-8.
(lb) - Max Horz 1=-85(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 8, 15, 13, 11, 10, 9
Max Grav All reactions 250 lb or less at joint(s) except 1=319(LC 20), 8=462(LC 39), 14=471(LC 39), 15=1044(LC 20), 13=587(LC 21), 11=815(LC 38), 10=815(LC 38), 9=741(LC 39)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-14=-406/21, 2-15=-903/173, 4-13=-505/145, 5-11=-732/98, 6-10=-743/111, 7-9=-581/140

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=32ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-9-11, Interior(1) 3-9-11 to 9-11-4 , Exterior(2) 9-11-4 to 13-1-8, Interior(1) 13-1-8 to 26-0-0, Exterior(2) 26-0-0 to 29-2-4, Interior(1) 29-2-4 to 31-3-1 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10, Lu=50-0-0
4) Unbalanced snow loads have been considered for this design.
5) Provide adequate drainage to prevent water ponding.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	G-V1A	Valley	1	1	Job Reference (optional)

NOTES-

6) All plates are MT20 plates unless otherwise indicated.
7) All plates are 2x4 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 8, 15, 13, 11, 10, 9.
12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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	Green-R-Panel
2948175	G-V1B	Valley	1	1	Job Reference (optional)

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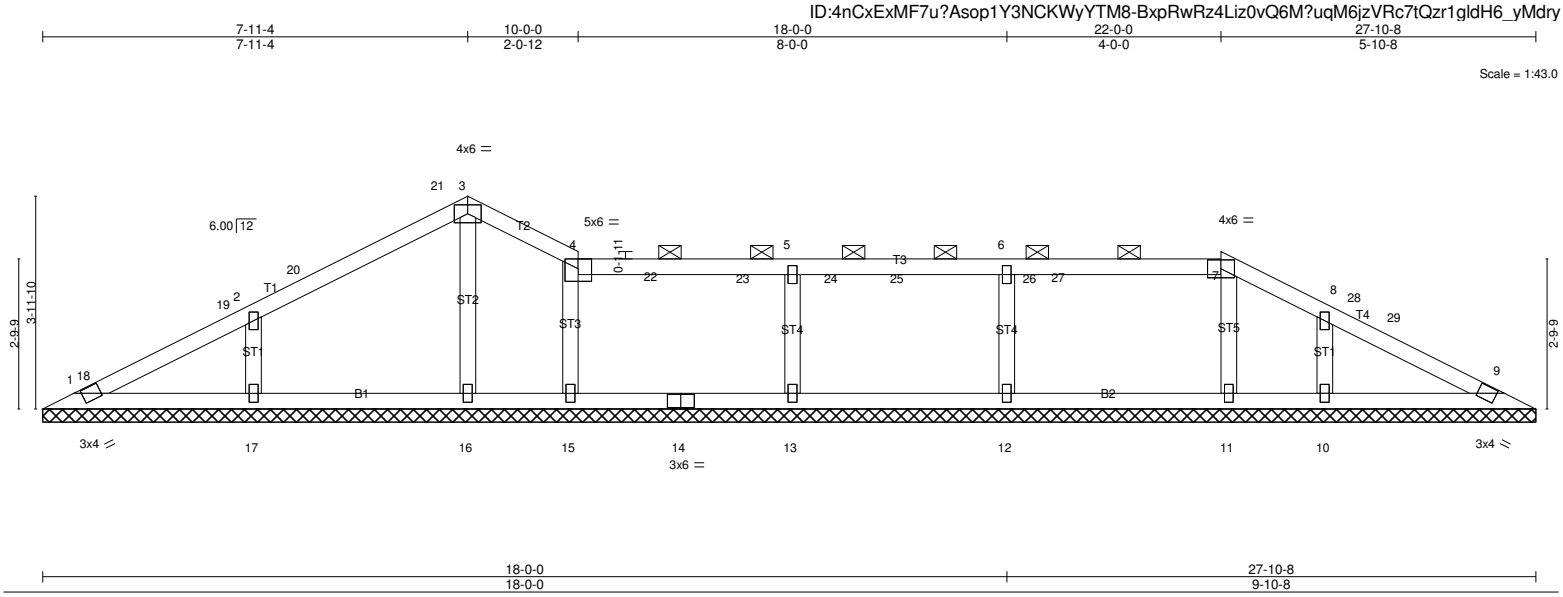

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.48	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.00	9	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S							Weight: 82 lb	FT =
BCDL	10.0												

LUMBER-

TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except
2-0-0 oc purlins (6-0-0 max.): 4-7.
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 27-10-8.
(lb) - Max Horz 1=-64(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 9, 17, 15, 13, 11, 10, 12
Max Grav All reactions 250 lb or less at joint(s) 1 except 9=270(LC 39), 16=383(LC 20), 17=804(LC 20), 15=439(LC 21), 13=823(LC 38), 11=428(LC 38), 10=647(LC 39), 12=824(LC 38)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-16=-332/27, 2-17=-706/143, 4-15=-379/110, 5-13=-740/101, 7-11=-372/51, 8-10=-563/114, 6-12=-740/122

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=28ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 7-11-4, Exterior(2) 7-11-4 to 10-0-0, Interior(1) 10-0-0 to 22-0-0, Exterior(2) 22-0-0 to 25-0-0, Interior(1) 25-0-0 to 27-3-1 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10, Lu=50-0-0
4) Unbalanced snow loads have been considered for this design.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.

Continued on page 2

NOTES-

8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9, 17, 15, 13, 11, 10, 12.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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	Green-R-Panel
2948175	G-V1C	GABLE	1	1	Job Reference (optional)

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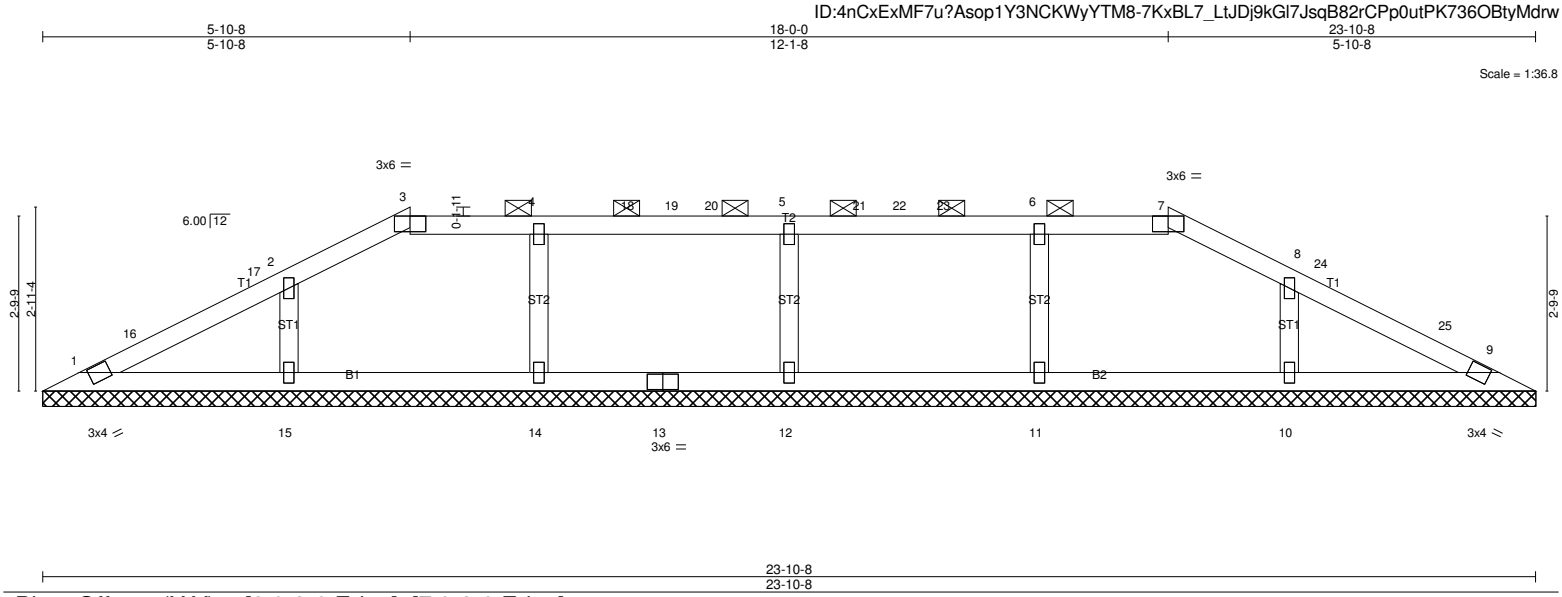

Plate Offsets (X,Y)-- [3:0-3-0,Edge], [7:0-3-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.46	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.01	9	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-S								
BCDL	10.0										Weight: 65 lb	FT =

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except
2-0-0 oc purlins (6-0-0 max.): 3-7.
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 23-10-8.
(lb) - Max Horz 1=-43(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 9, 12, 14, 15, 11, 10
Max Grav All reactions 250 lb or less at joint(s) except 1=324(LC 36), 9=324(LC 36), 12=804(LC 35), 14=698(LC 35), 15=699(LC 36), 11=698(LC 35), 10=699(LC 36)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-16=-263/7, 2-3=-265/63, 7-8=-265/62, 9-25=-263/5
WEBS 5-12=-724/112, 4-14=-619/108, 2-15=-598/139, 6-11=-619/109, 8-10=-598/139

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 5-10-8, Exterior(2) 5-10-8 to 10-1-7, Interior(1) 10-1-7 to 18-0-0, Exterior(2) 18-0-0 to 22-2-15, Interior(1) 22-2-15 to 23-3-1 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10, Lu=50-0-0
4) Unbalanced snow loads have been considered for this design.
5) Provide adequate drainage to prevent water ponding.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	G-V1C	GABLE	1	1	Job Reference (optional)

NOTES-

6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9, 12, 14, 15, 11, 10.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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	Green-R-Panel
2948175	G-V1D	GABLE	1	1	Job Reference (optional)

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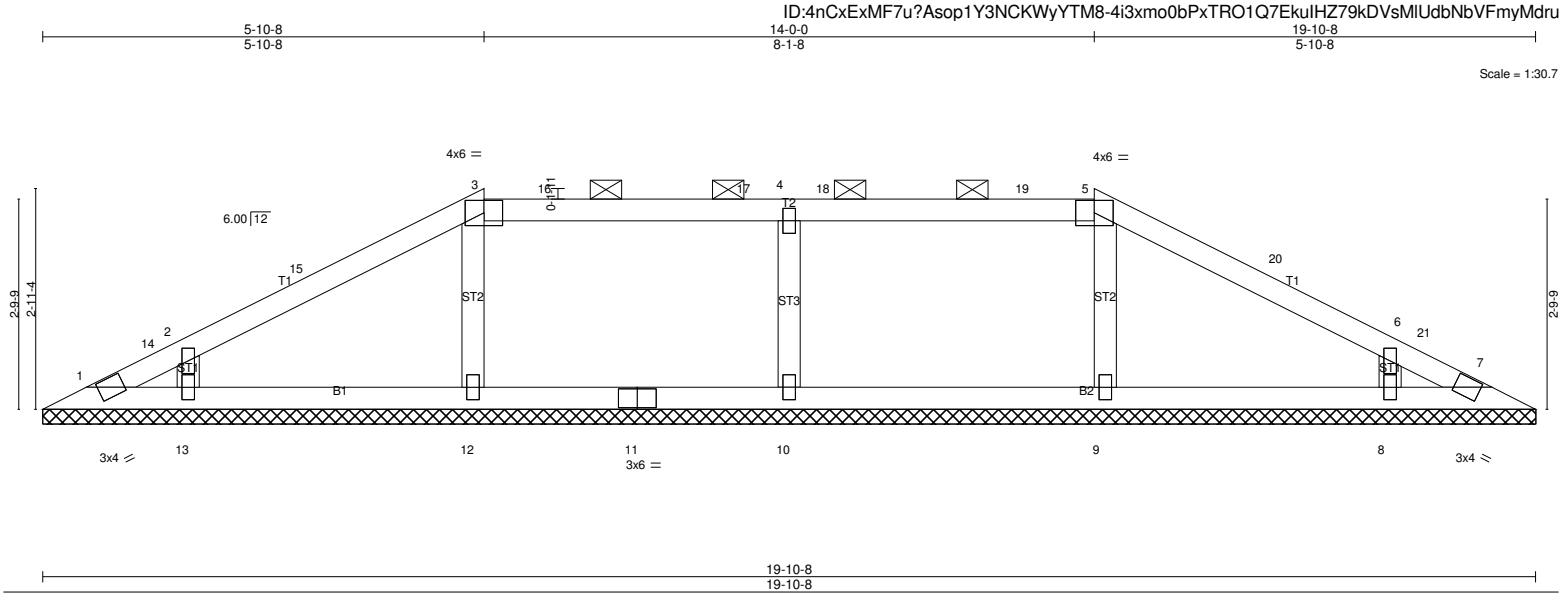

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.59	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S							Weight: 54 lb	FT =
BCDL	10.0												

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-5.
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 19-10-8.
(lb) - Max Horz 1=-43(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 10, 12, 13, 9, 8
Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 10=913(LC 35), 12=469(LC 36), 13=728(LC 36), 9=469(LC 36), 8=728(LC 36)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-10=-828/140, 3-12=-386/88, 2-13=-686/161, 5-9=-386/86, 6-8=-686/161

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 5-10-8, Exterior(2) 5-10-8 to 9-11-4, Interior(1) 9-11-4 to 14-0-0, Exterior(2) 14-0-0 to 18-2-15, Interior(1) 18-2-15 to 19-3-1 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10, Lu=50-0-0
4) Unbalanced snow loads have been considered for this design.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.

Continued on page 2

NOTES-

8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 10, 12, 13, 9, 8.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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	Green-R-Panel
2948175	G-V1E	GABLE	1	1	Job Reference (optional)

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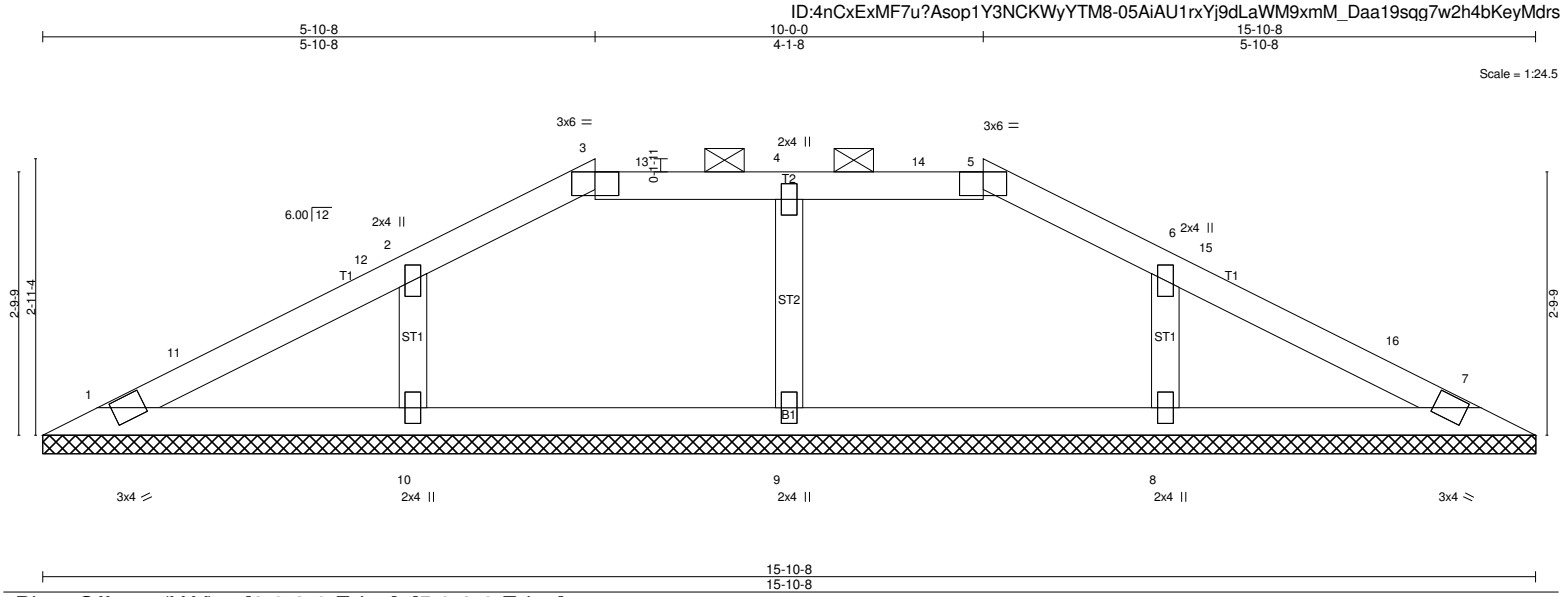

Plate Offsets (X,Y)-- [3:0-3-0,Edge], [5:0-3-0,Edge]

LOADING (psf)			**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.31	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.01	7	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 42 lb	FT =

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except
2-0-0 oc purlins (6-0-0 max.): 3-5.
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 15-10-8.
(lb) - Max Horz 1=-43(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 9, 10, 8
Max Grav All reactions 250 lb or less at joint(s) except 1=335(LC 36), 7=335(LC 36), 9=590(LC 35), 10=693(LC 36), 8=693(LC 36)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-11=-287/29, 2-3=-286/83, 5-6=-286/82, 7-16=-287/27
WEBS 4-9=-511/85, 2-10=-591/146, 6-8=-591/146

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 5-10-8, Exterior(2) 5-10-8 to 14-2-15, Interior(1) 14-2-15 to 15-3-1 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10, Lu=50-0-0
4) Unbalanced snow loads have been considered for this design.
5) Provide adequate drainage to prevent water ponding.
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.

Continued on page 2

NOTES-

8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 9, 10, 8.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) 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	Green-R-Panel
2948175	G-V1F	GABLE	1	1	Job Reference (optional)

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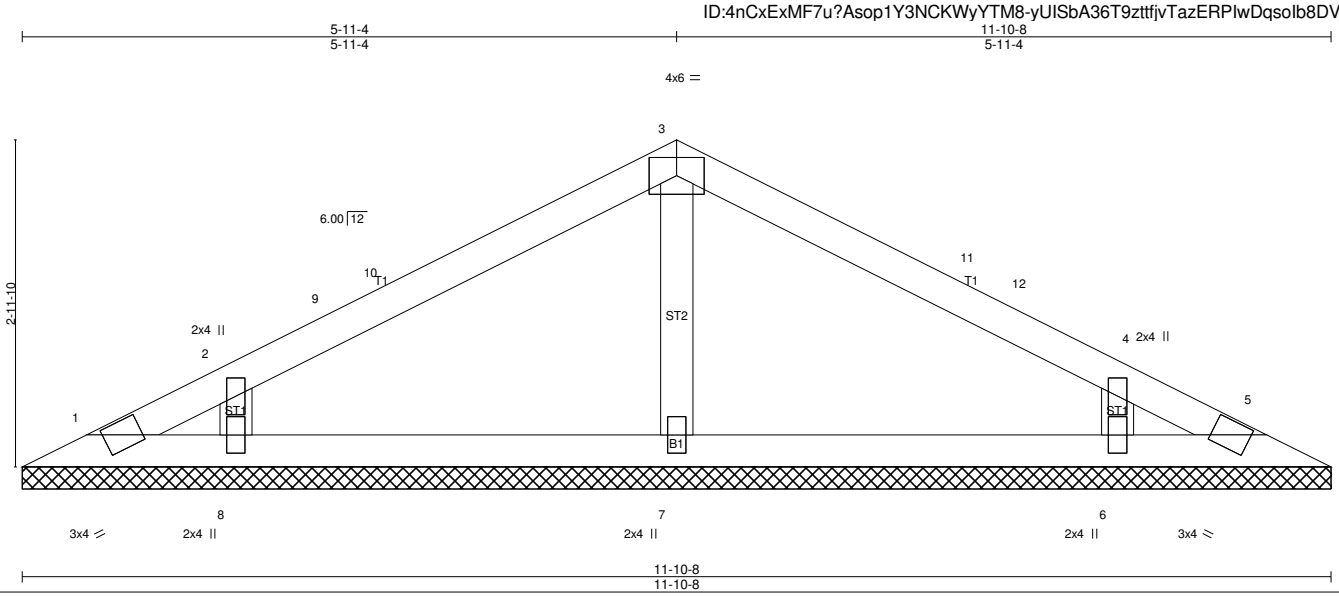

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.30	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *		Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 31 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 11-10-8.
(lb) - Max Horz 1=-45(LC 14)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 8, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except
7=444(LC 2), 8=511(LC 20), 6=511(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-7=-357/67, 2-8=-459/157, 4-6=-459/157

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 5-11-4, Exterior(2) 5-11-4 to 8-11-4, Interior(1) 8-11-4 to 11-3-1 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 8, 6.

Continued on page 2

NOTES-

9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	G-V1G	Valley	1	1	Job Reference (optional)

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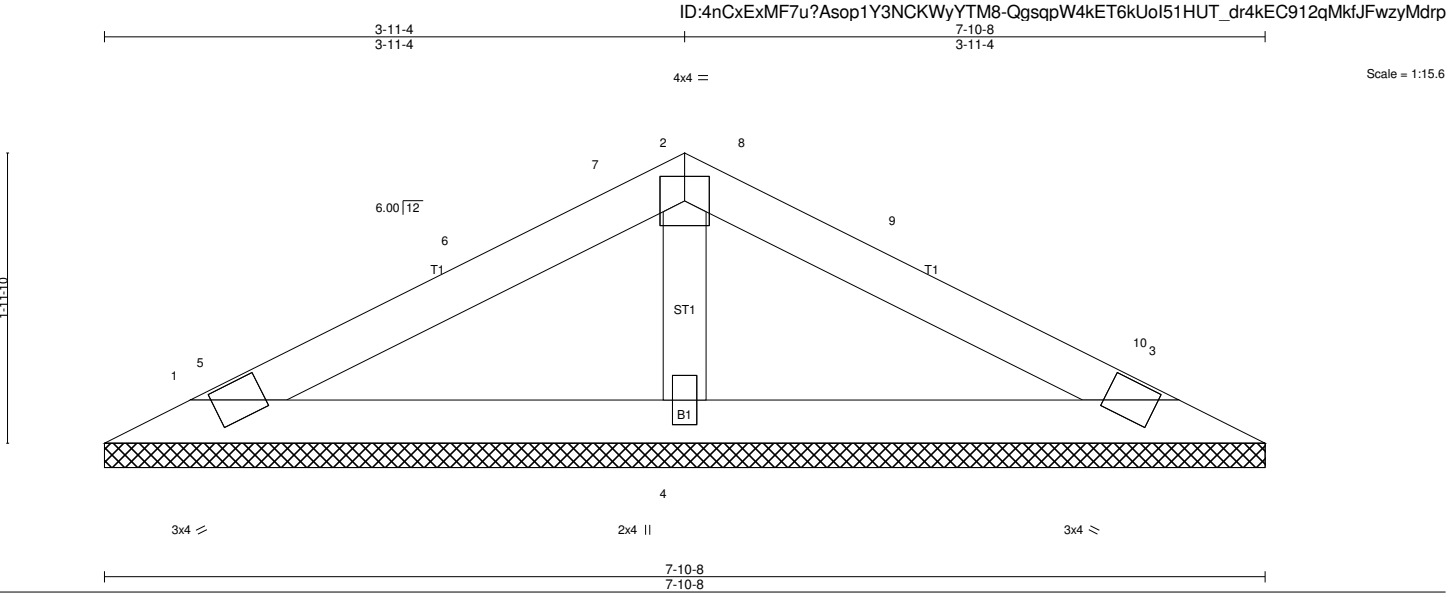

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.31	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.09	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *		Code IRC2015/TPI2014		Matrix-P								
BCDL	10.0											Weight: 19 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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) 1=221/7-10-8 (min. 0-1-8), 3=221/7-10-8 (min. 0-1-8), 4=398/7-10-8 (min. 0-1-8)
Max Horz 1=-28(LC 14)
Max Uplift 1=-28(LC 16), 3=-28(LC 16), 4=-3(LC 16)
Max Grav 1=224(LC 2), 3=224(LC 2), 4=403(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-320/106

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-7-7 to 3-7-7, Interior(1) 3-7-7 to 3-11-4, Exterior(2) 3-11-4 to 6-11-4, Interior(1) 6-11-4 to 7-3-1 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	G-V1G	Valley	1	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	H1GA	COMMON SUPPORTED GAB	1	1	Job Reference (optional)

, , MI 48801, RW 8.420 s Feb 10 2021 MiTek Industries, Inc. Thu Nov 4 09:24:28 2021 Page 1

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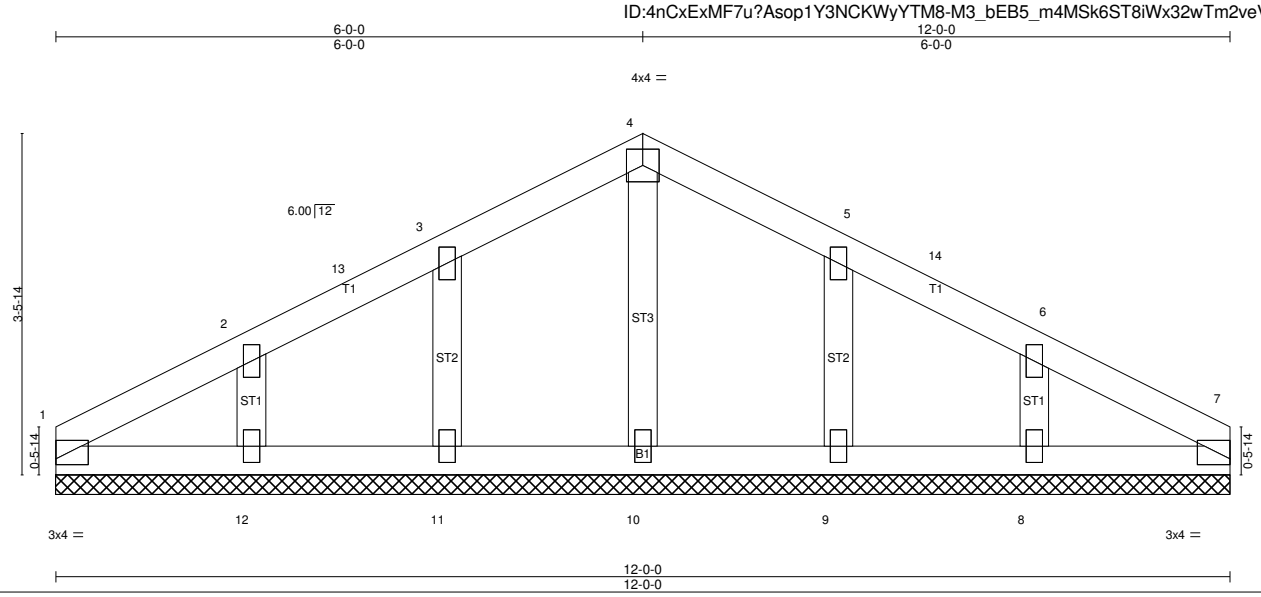

LOADING (psf)			**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.09	Vert(LL)	n/a	-	n/a	999	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	7.0		Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0 *		Code IRC2015/TPI2014		Matrix-S								
BCDL	10.0											Weight: 39 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
OTHERS	2x4 SPF Stud

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 12-0-0.
(lb) - Max Horz 1=53(LC 15)
Max Uplift All uplift 100 lb or less at joint(s) 11, 12, 9, 8
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 10 except
11=306(LC 20), 12=285(LC 2), 9=306(LC 21), 8=285(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-11=-269/159, 5-9=-269/159

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 6-0-0, Corner(3) 6-0-0 to 9-0-0, Exterior(2) 9-0-0 to 12-0-0 zone; cantilever left and right exposed ; 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) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
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.

Continued on page 2

NOTES-

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 12, 9, 8.
12) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 7.
13) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	J1	Monopitch	3	1	Job Reference (optional)

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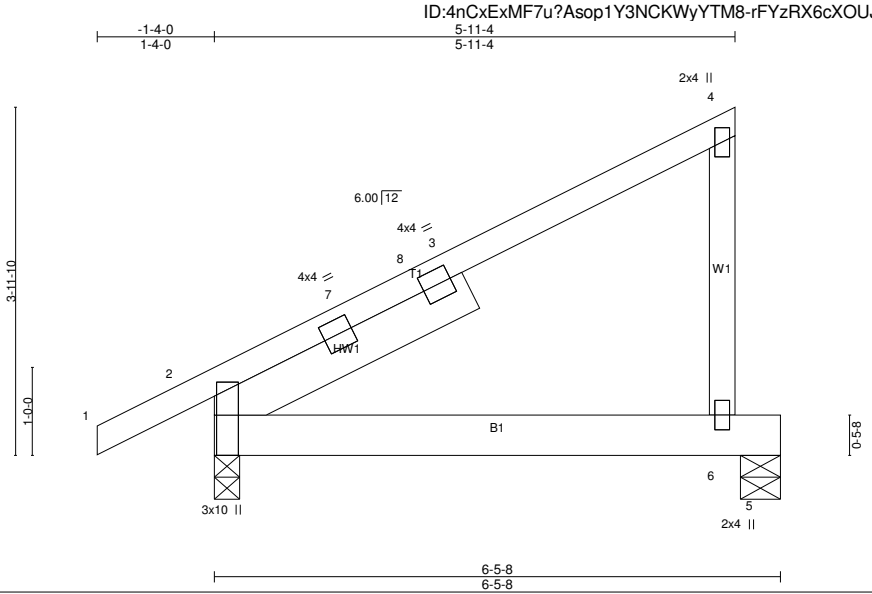

Plate Offsets (X,Y)-- [2:0-8-1,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.87	Vert(LL)	-0.02	2-6	>999	240	MT20	197/14
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	-0.03	2-6	>999	180		
TCDL	7.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-P								
BCDL	10.0										Weight: 34 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF 1650F 1.5E
BOT CHORD	2x6 SP 2400F 2.0E
WEBS	2x4 SPF Stud
SLIDER	Left 2x6 SPF No.2 -h 3-3-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 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) 2=549/0-3-8 (min. 0-1-8), 5=334/0-5-8 (min. 0-1-8)
Max Horz 2=125(LC 13)
Max Uplift 2=-74(LC 16), 5=-30(LC 13)
Max Grav 2=581(LC 21), 5=395(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-6=-358/193

NOTES-

1) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 1-8-0, Interior(1) 1-8-0 to 5-9-8 zone; cantilever left and right exposed ; 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
2) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 5.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	J1	Monopitch	3	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	J1A	Half Hip Girder	1	1	Job Reference (optional)

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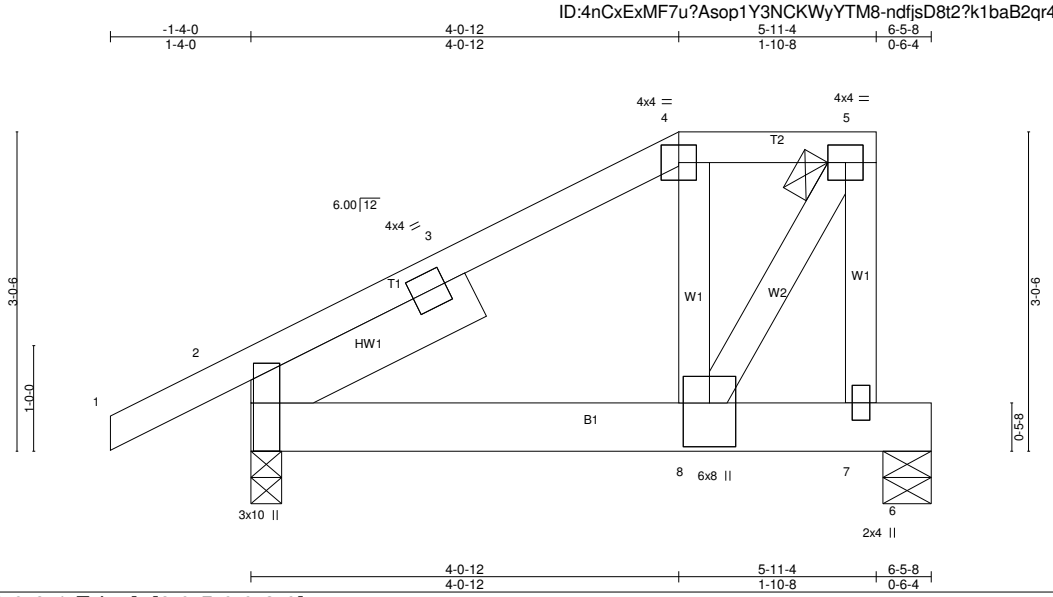

Plate Offsets (X,Y)-- [2:0-8-1,Edge], [8:0-5-0,0-3-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.43	Vert(LL)	-0.01	8	>999	240	MT20	197/14
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.15	Vert(CT)	-0.02	8	>999	180		
TCDL	7.0	Rep Stress Incr	NO	WB	0.44	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-P							Weight: 37 lb	FT =
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x6 SP 2400F 2.0E
WEBS	2x4 SPF Stud
SLIDER	Left 2x6 SPF No.2 -h 2-4-7

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-11-4 oc purlins, except end verticals, and 2-0-0 oc purlins: 4-5.
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=747/0-3-8 (min. 0-1-8), 6=746/0-5-8 (min. 0-1-8)
Max Horz 2=95(LC 9)
Max Uplift2=-104(LC 12), 6=-94(LC 9)
Max Grav 2=1007(LC 30), 6=761(LC 29)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-874/61, 3-4=-592/67, 4-5=-529/80, 5-7=-920/126
BOT CHORD 2-8=-82/529
WEBS 5-8=-117/1032

NOTES-

1) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10, Lu=50-0-0
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	J1A	Half Hip Girder	1	1	Job Reference (optional)

NOTES-

8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 2=104.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 610 lb down and 101 lb up at 4-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-4=-106, 4-5=-106, 2-6=-20
   Concentrated Loads (lb)
      Vert: 8=-610(B)

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	J1B	Jack-Closed	1	1	Job Reference (optional)

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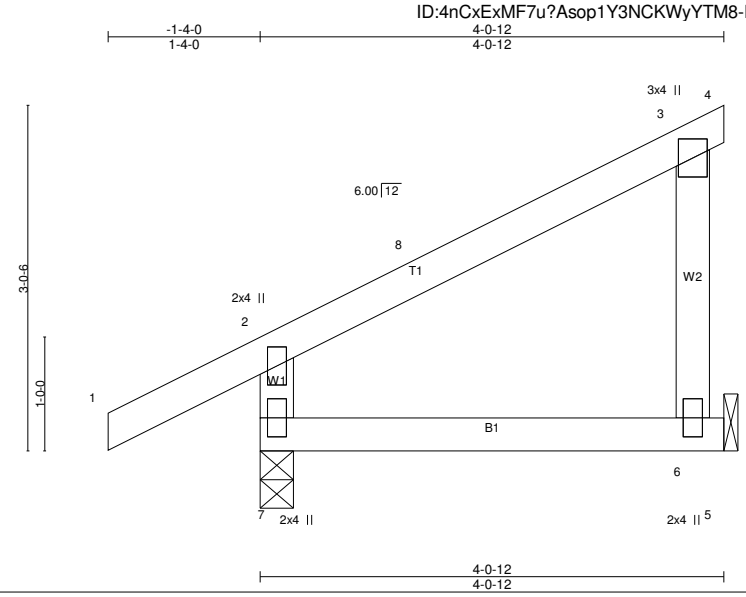

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.25	Vert(LL)	-0.01	6-7	>999	240	MT20	197/14
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.10	Vert(CT)	-0.01	6-7	>999	180		
TCDL	7.0		Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	6	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-R								
BCDL	10.0											Weight: 15 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-0-12 oc purlins, 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. (lb/size) 7=418/0-3-8 (min. 0-1-8), 6=234/Mechanical
Max Horz 7=103(LC 15)
Max Uplift 7=-69(LC 16), 6=-32(LC 13)
Max Grav 7=433(LC 21), 6=273(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-404/173

NOTES-

1) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-4-0 to 1-8-0, Interior(1) 1-8-0 to 4-0-12 zone; cantilever left and right exposed ; 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
2) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 6.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	J1B	Jack-Closed	1	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	J1C	Jack-Open	2	1	Job Reference (optional)

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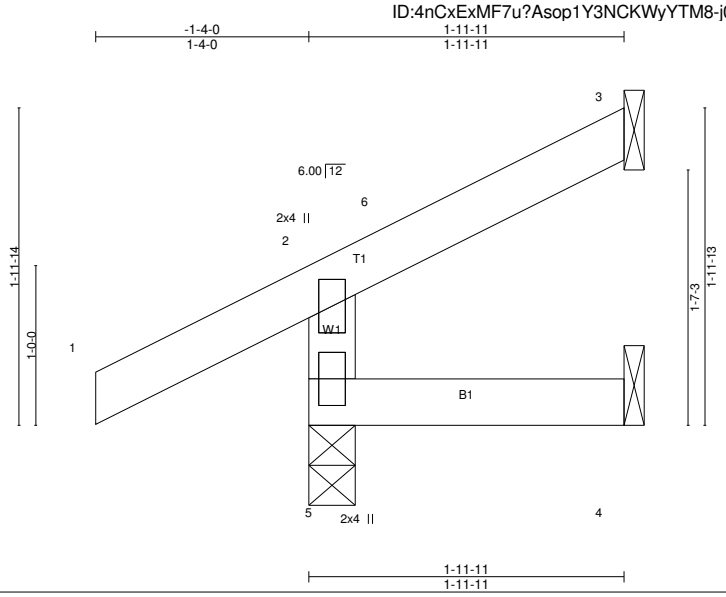

LOADING (psf)			SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	47.0		Plate Grip DOL	1.15	TC	0.23	Vert(LL)	0.00	4-5	>999	240	MT20	197/144
Snow (Pf/Pg)	46.2/60.0		Lumber DOL	1.15	BC	0.07	Vert(CT)	0.00	4-5	>999	180		
TCDL	7.0		Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCLL	0.0	*	Code IRC2015/TPI2014		Matrix-R								
BCDL	10.0											Weight: 7 lb	FT =

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 1-11-11 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) 5=336/0-3-8 (min. 0-1-8), 3=46/Mechanical, 4=4/Mechanical
Max Horz 5=77(LC 16)
Max Uplift5=-54(LC 16), 3=-31(LC 20), 4=-2(LC 20)
Max Grav 5=341(LC 21), 3=55(LC 21), 4=32(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=-310/132

NOTES-

1) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; 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
2) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 46.2 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 3, 4.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	J1C	Jack-Open	2	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Green-R-Panel
2948175	J1GR	Monopitch Girder	1	2	Job Reference (optional)

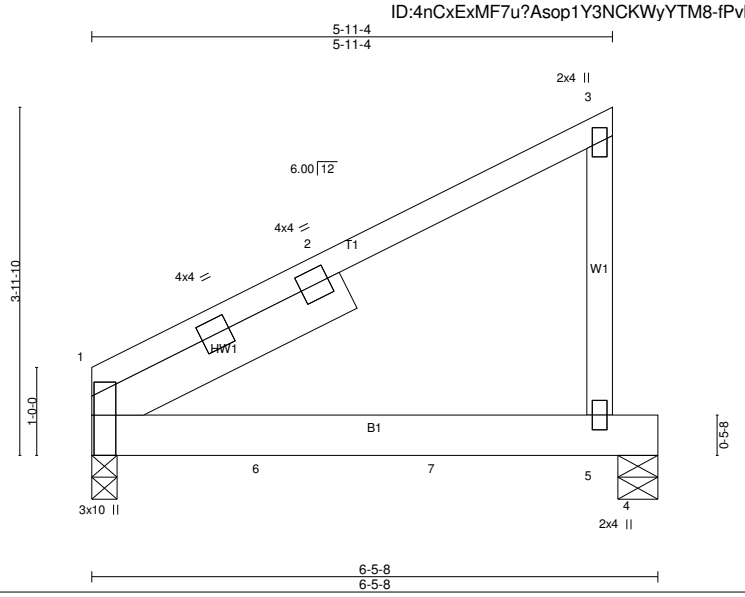

Plate Offsets (X,Y)-- [1:0-5-8,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	47.0	Plate Grip DOL	1.15	TC	0.66	Vert(LL)	-0.21	1-5	>358	240	MT20	197/14
Snow (Pf/Pg)	46.2/60.0	Lumber DOL	1.15	BC	0.90	Vert(CT)	-0.29	1-5	>260	180		
TCDL	7.0	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.00	4	n/a	n/a		
BCLL	0.0 *	Code	IRC2015/TPI2014	Matrix-P								
BCDL	10.0										Weight: 65 lb	FT =

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SPF Stud
SLIDER Left 2x6 SPF No.2 -h 3-3-0

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

REACTIONS. (lb/size) 1=1944/0-3-8 (min. 0-1-8), 4=1791/0-5-8 (min. 0-1-8)
Max Horz 1=125(LC 11)
Max Uplift 1=-144(LC 12), 4=-145(LC 9)
Max Grav 1=1969(LC 2), 4=1838(LC 16)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-5=-359/73

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-6-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=110mph Vasd=87mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) TCLL: ASCE 7-10; Pr=47.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=60.0 psf (ground snow); Pf=46.2 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=144, 4=145.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

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NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1516 lb down and 126 lb up at 2-0-0, and 1516 lb down and 126 lb up at 4-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-3=-106, 1-4=-20
   Concentrated Loads (lb)
      Vert: 6=-1497(F) 7=-1497(F)