Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	A1	Common	1	1	Job Reference (optional)

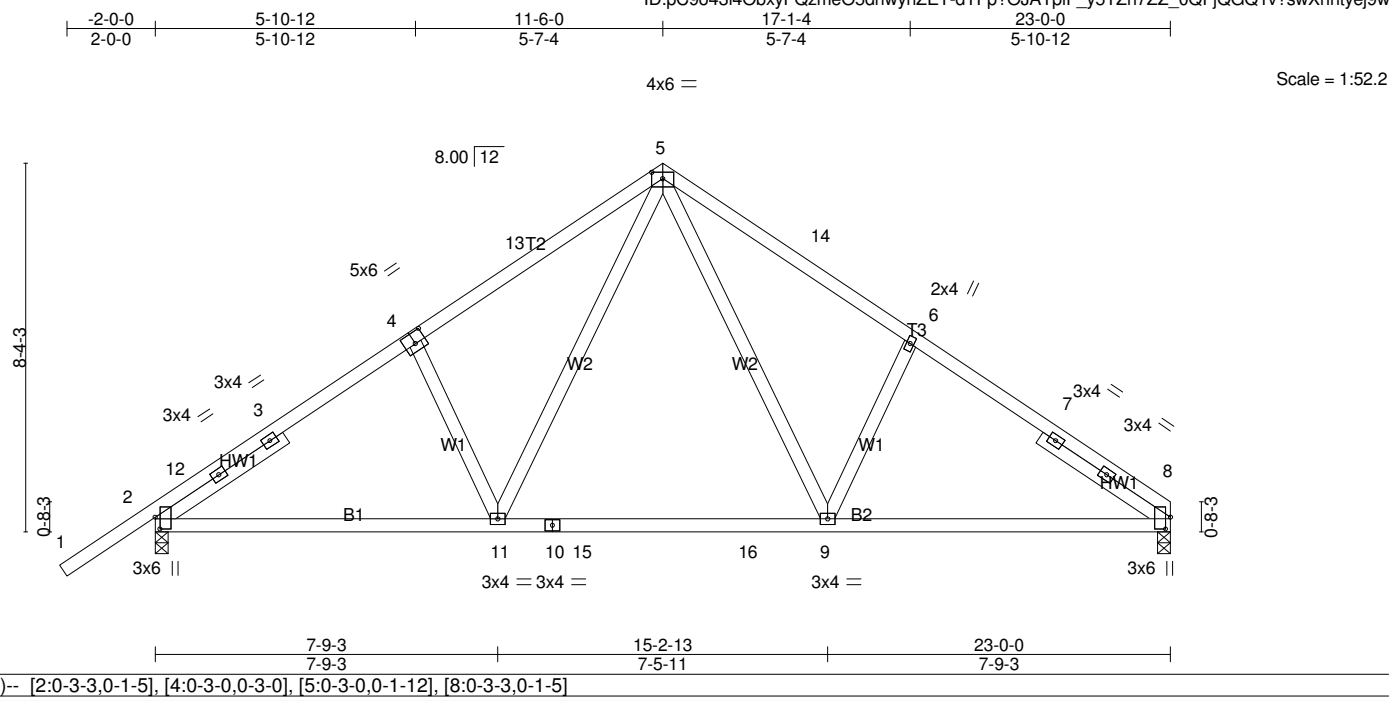

Plate Offsets (X,Y)-- [2:0-3-3,0-1-5], [4:0-3-0,0-3-0], [5:0-3-0,0-1-12], [8:0-3-3,0-1-5]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	35.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	-0.13	9-11	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.33	Vert(CT)	-0.18	9-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.04	8	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.02	8-9	>999	240	Weight: 117 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std
SLIDER Left 2x4 DF Stud/Std 3-5-14, Right 2x4 DF Stud/Std 3-5-14

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-3 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) 8=1165/0-3-8 (min. 0-1-8), 2=1360/0-3-8 (min. 0-1-8)
Max Horz 2=137(LC 11)
Max Uplift8=-63(LC 12), 2=-123(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-1638/119, 3-12=-1539/129, 3-4=-1373/144, 4-13=-1399/176, 5-13=-1271/190, 5-14=-1199/202, 6-14=-1421/178, 6-7=-1479/156, 7-8=-1623/139
BOT CHORD 2-11=-51/1205, 10-11=0/857, 10-15=0/857, 15-16=0/857, 9-16=0/857, 8-9=-54/1231
WEBS 5-9=-62/562, 6-9=-417/128, 5-11=-53/523, 4-11=-389/124

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-1-0 to 0-11-0, Interior(1) 0-11-0 to 11-6-0, Exterior(2) 11-6-0 to 14-6-0, Interior(1) 14-6-0 to 23-0-0 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 8.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 8 and 123 lb uplift at joint 2.
6) 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	5010 Rock Creek Drive
B1654-18	A1G	Common Supported Gable	1	1	Job Reference (optional)

-2-0-0 11-6-0 23-0-0 25-0-0
2-0-0 11-6-0 11-6-0 2-0-0

Scale = 1:52.6

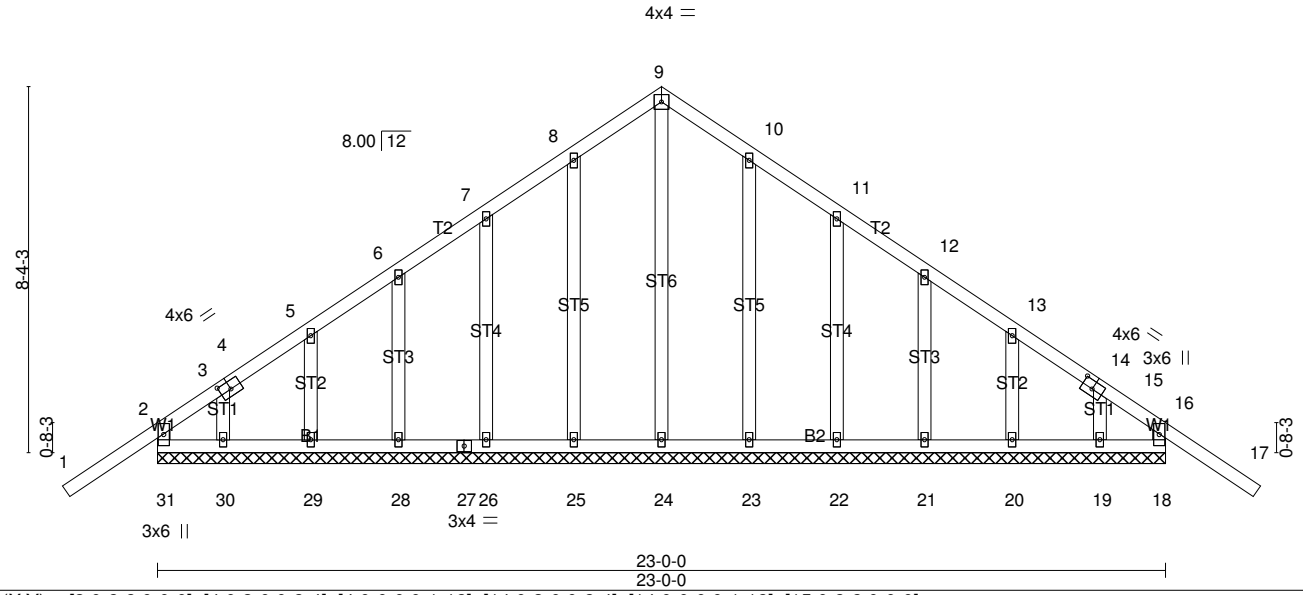

Plate Offsets (X,Y)-- [3:0-2-2,0-0-0], [4:0-3-0,0-2-4], [4:0-0-0,0-1-12], [14:0-3-0,0-2-4], [14:0-0-0,0-1-12], [15:0-2-2,0-0-0]

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	35.0	Plate Grip DOL 1.15	TC	0.36	Vert(LL)	-0.06	17	n/r	120	MT20	220/195
TCDL	8.0	Lumber DOL 1.15	BC	0.09	Vert(CT)	-0.07	17	n/r	120		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.26	Horz(CT)	0.00	18	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014	Matrix-R							Weight: 138 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std
OTHERS 2x4 DF Stud/Std

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 23-0-0.
(lb) - Max Horz 31=-153(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 31, 18, 25, 26, 28, 29, 30, 23, 22, 21, 20, 19
Max Grav All reactions 250 lb or less at joint(s) 25, 26, 28, 29, 30, 23, 22, 21, 20, 19 except 31=399(LC 21), 18=399(LC 22), 24=260(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-31=-333/90, 16-18=-333/92

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) -2-1-0 to 0-11-0, Exterior(2) 0-11-0 to 11-6-0, Corner(3) 11-6-0 to 14-6-0, Exterior(2) 14-6-0 to 25-1-0 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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 31, 18, 25, 26, 28, 29 , 30, 23, 22, 21, 20, 19.
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	5010 Rock Creek Drive
B1654-18	B1	Common	4	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:30 2018 Page 1
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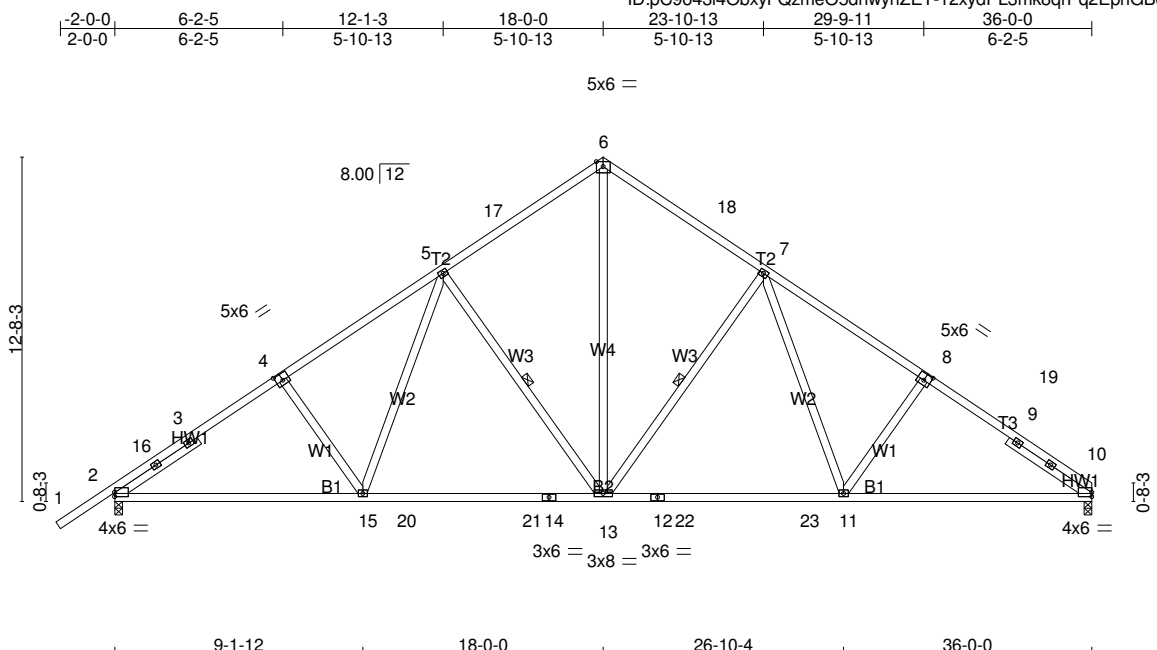

Plate Offsets (X,Y)-- [2:0-0-0,0-1-15], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [10:0-0-0,0-1-15]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.39	Vert(LL)	-0.25	13-15	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.37	13-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.10	10	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.05	13-15	>999	240	Weight: 202 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std
SLIDER Left 2x4 DF Stud/Std 3-8-1, Right 2x4 DF Stud/Std 3-8-1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-13, 5-13

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

REACTIONS. (lb/size) 2=2020/0-3-8 (min. 0-2-2), 10=1831/0-3-8 (min. 0-1-15)
Max Horz 2=216(LC 11)
Max Uplift2=-159(LC 12), 10=-102(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-2733/197, 3-16=-2576/209, 3-4=-2576/224, 4-5=-2422/251, 5-17=-1775/240, 6-17=-1539/261, 6-18=-1540/265, 7-18=-1774/240, 7-8=-2445/271, 8-19=-2479/244, 9-19=-2600/231, 9-10=-2723/227
BOT CHORD 2-15=-111/2093, 15-20=-37/1767, 20-21=-37/1767, 14-21=-37/1767, 13-14=-37/1767, 12-13=-36/1770, 12-22=-36/1770, 22-23=-36/1770, 11-23=-36/1770, 10-11=-122/2122
WEBS 6-13=-170/1322, 7-13=-748/153, 7-11=-37/513, 8-11=-375/132, 5-13=-735/150, 5-15=-23/487, 4-15=-348/118

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-1-0 to 1-6-4, Interior(1) 1-6-4 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) All plates are 3x4 MT20 unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 8.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=159, 10=102.
7) 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	5010 Rock Creek Drive
B1654-18	B1G	Common Structural Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:31 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-VEVKrlMhX2GgSZPEoWCVkqB5NKlAMkyanYVvqeyej9s

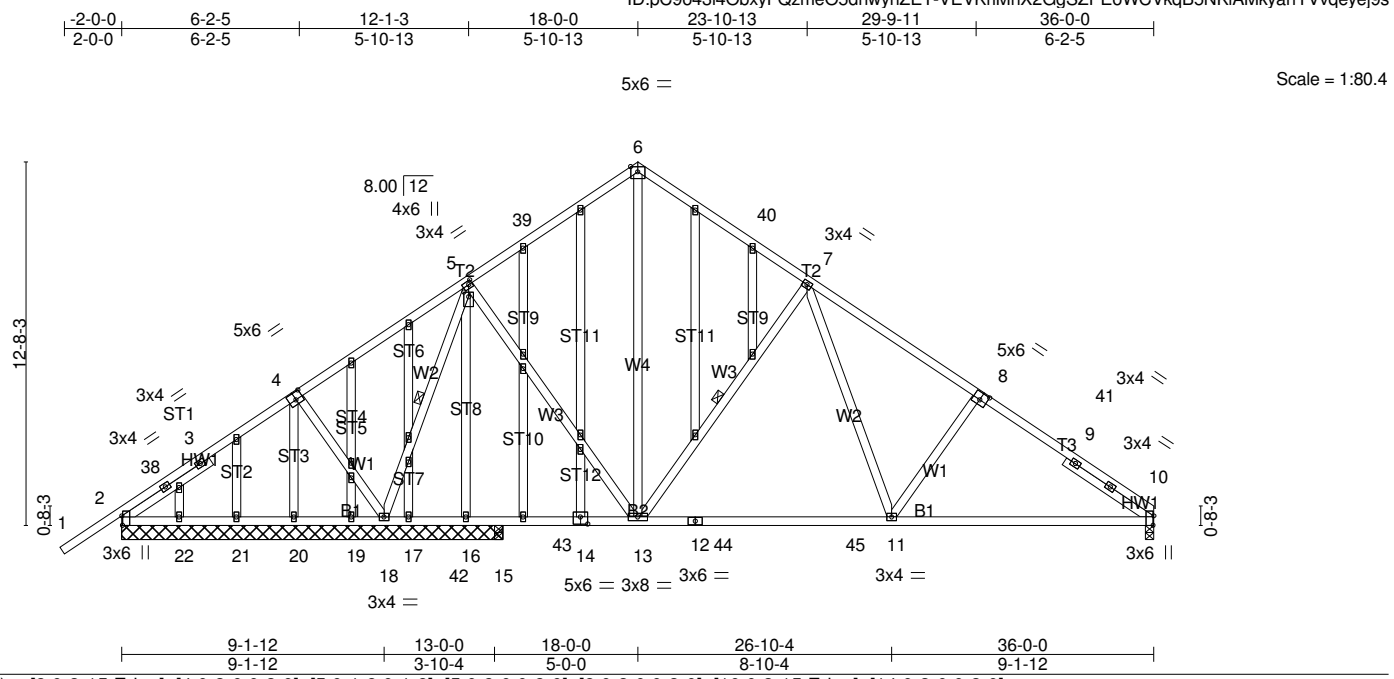

Plate Offsets (X,Y)-- [2:0-3-15,Edge], [4:0-3-0,0-3-0], [5:0-1-8,0-1-8], [5:0-2-0,0-2-0], [8:0-3-0,0-3-0], [10:0-3-15,Edge], [14:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.39	Vert(LL)	-0.22	11-13	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.46	Vert(CT)	-0.31	11-13	>887	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.63	Horz(CT)	0.04	10	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.02	10-11	>999	240	Weight: 283 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std
OTHERS 2x4 DF Stud/Std
SLIDER Left 2x4 DF Stud/Std 3-8-1, Right 2x4 DF Stud/Std 3-8-1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-13, 5-18

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

REACTIONS. All bearings 13-3-8 except (jt=length) 10=0-3-8, 15=0-3-8.
(lb) - Max Horz 2=216(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 16, 22 except 18=-199(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 16, 17, 19, 20, 21, 22, 15 except 2=543(LC 21), 18=1809(LC 1), 10=1317(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-38=-384/143, 4-5=-65/383, 5-39=-870/179, 6-39=-728/199, 6-40=-728/204, 7-40=-871/179, 7-8=-1583/209, 8-41=-1627/185, 9-41=-1720/171, 9-10=-1866/168
BOT CHORD 17-18=-31/355, 17-42=-31/355, 16-42=-31/355, 15-16=-31/355, 15-43=-31/355, 14-43=-31/355, 13-14=-31/355, 12-13=0/1033, 12-44=0/1033, 44-45=0/1033, 11-45=0/1033, 10-11=-76/1431
WEBS 6-13=-103/374, 7-13=-766/154, 7-11=-36/562, 8-11=-399/135, 5-13=0/540, 5-18=-1545/139, 4-18=-431/131

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-1-0 to 1-6-4, Interior(1) 1-6-4 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 8.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 16, 22 except (jt=lb) 18=199.
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	5010 Rock Creek Drive
B1654-18	B2	Common	5	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:32 2018 Page 1
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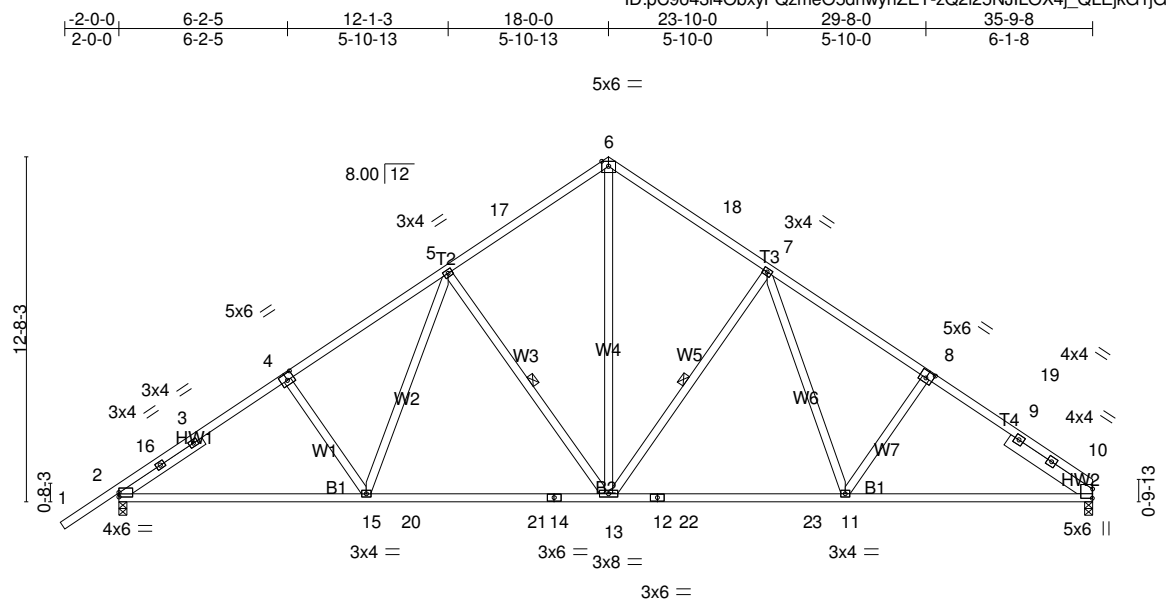

Plate Offsets (X,Y)-- [2:0-0-0,0-1-15], [4:0-3-0,0-3-0], [8:0-3-0,0-3-0], [10:0-4-2,0-0-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	-0.26	13-15	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.37	13-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.10	10	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.05	13-15	>999	240	Weight: 204 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std
SLIDER Left 2x4 DF Stud/Std 3-8-1, Right 2x6 DF 1800F 1.6E 3-8-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-13, 7-13

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

REACTIONS. (lb/size) 2=2010/0-3-8 (min. 0-2-2), 10=1820/0-3-8 (min. 0-1-15)
Max Horz 2=216(LC 11)
Max Uplift2=-159(LC 12), 10=-101(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-2716/196, 3-16=-2558/207, 3-4=-2559/222, 4-5=-2407/250, 5-17=-1757/239, 6-17=-1614/259, 6-18=-1523/264, 7-18=-1755/240, 7-8=-2372/267, 8-19=-2404/240, 9-19=-2523/226, 9-10=-2658/222
BOT CHORD 2-15=-109/2080, 15-20=-35/1753, 20-21=-35/1753, 14-21=-35/1753, 13-14=-35/1753, 12-13=-32/1735, 12-22=-32/1735, 22-23=-32/1735, 11-23=-32/1735, 10-11=-113/2038
WEBS 4-15=-348/118, 5-15=-23/491, 5-13=-735/151, 6-13=-169/1307, 7-13=-727/151, 7-11=-35/463, 8-11=-336/128

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-1-0 to 1-6-0, Interior(1) 1-6-0 to 18-0-0, Exterior(2) 18-0-0 to 21-6-15, Interior(1) 21-6-15 to 35-9-8 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 8.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=159, 10=101.
6) 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	5010 Rock Creek Drive
B1654-18	B3	Monopitch	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:33 2018 Page 1
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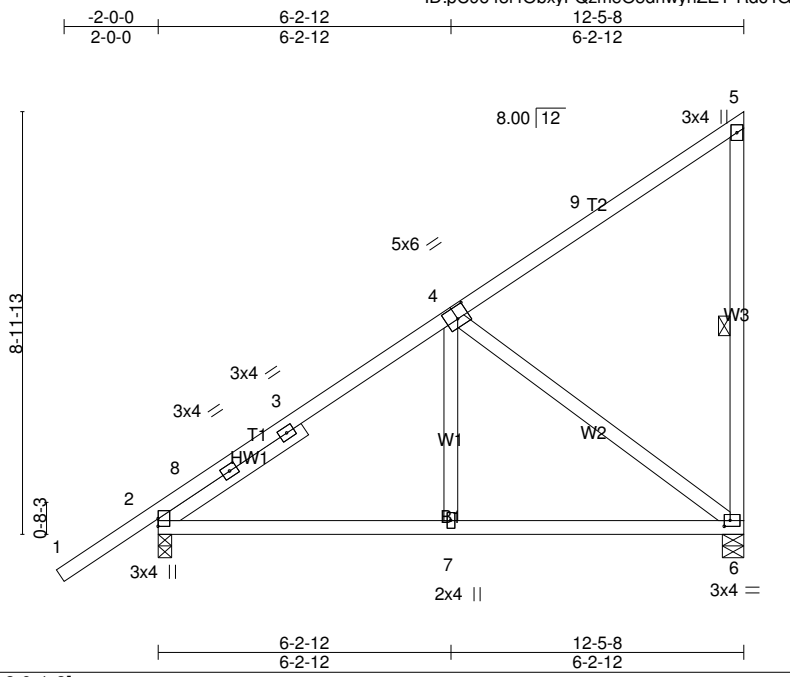

Plate Offsets (X,Y)-- [4:0-3-0,0-3-0], [6:0-1-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.80	Vert(LL)	-0.03	6-7	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.19	Vert(CT)	-0.05	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.01	6	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	-0.03	6-7	>999	240	Weight: 73 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std
SLIDER Left 2x4 DF Stud/Std 3-8-2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-6

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

REACTIONS. (lb/size) 6=613/0-5-8 (min. 0-1-8), 2=822/0-3-8 (min. 0-1-8)
Max Horz 2=246(LC 9)
Max Uplift6=-75(LC 9), 2=-81(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-747/59, 3-8=-611/61, 3-4=-462/86
BOT CHORD 2-7=-182/480, 6-7=-183/478
WEBS 4-6=-574/132

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-1-0 to 0-11-0, Interior(1) 0-11-0 to 12-3-12 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
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 2.
5) 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	5010 Rock Creek Drive
B1654-18	B4	JACK-CLOSED	2	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:34 2018 Page 1
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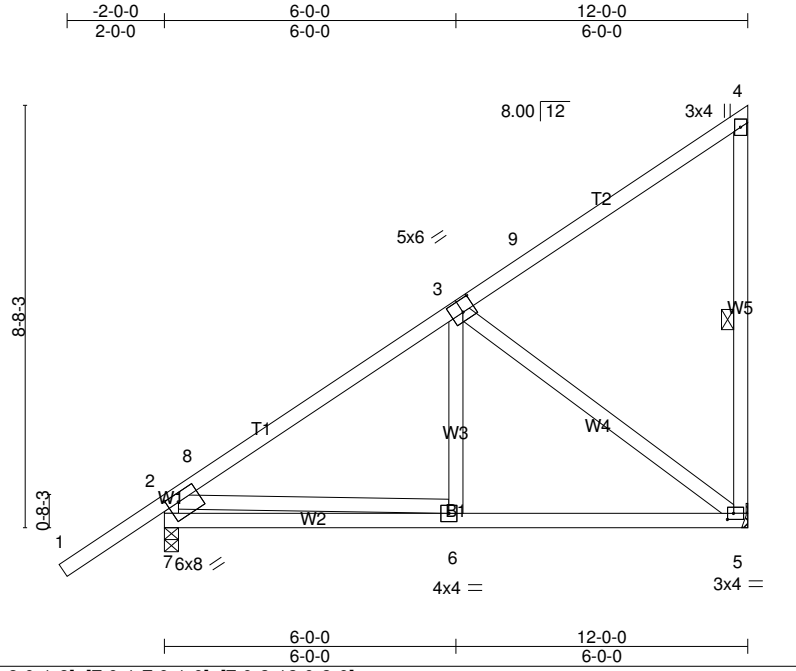


Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [5:0-1-8,0-1-8], [7:0-1-7,0-1-0], [7:0-2-12,0-2-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	35.0	Plate Grip DOL	1.15	TC	0.72	Vert(LL)	-0.02	5-6	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.04	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.01	5	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	-0.03	5-6	>999	240	Weight: 73 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std

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 4-5

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

REACTIONS. (lb/size) 7=807/0-3-8 (min. 0-1-8), 5=579/Mechanical
Max Horz 7=242(LC 9)
Max Uplift7=-84(LC 12), 5=-73(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-757/182, 2-8=-672/53, 3-8=-507/78
BOT CHORD 6-7=-297/445, 5-6=-183/443
WEBS 2-6=-103/265, 3-5=-531/134

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-1-0 to 0-11-0, Interior(1) 0-11-0 to 11-10-4 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
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 5.
6) 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	5010 Rock Creek Drive
B1654-18	B4G	Monopitch Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:35 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-O?krh7PBbGm6xBj?1MHRugLkpyBUIf8AiAT6zPyej9o

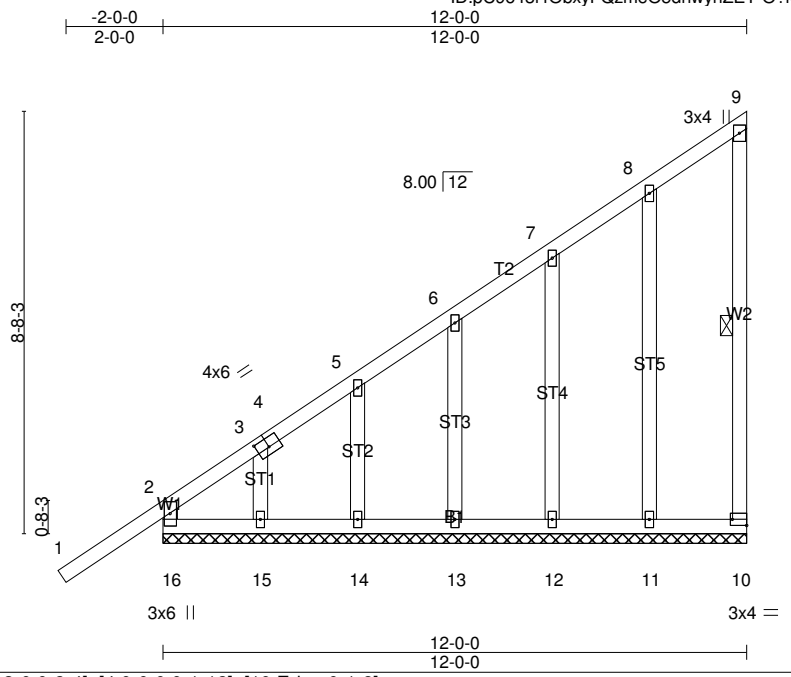


Plate Offsets (X,Y)-- [3:0-2-2,0-0-0], [4:0-3-0,0-2-4], [4:0-0-0,0-1-12], [10:Edge,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.62	Vert(LL)	0.01	1	n/r	120	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.18	Vert(CT)	-0.01	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.00	10	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R							Weight: 79 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std
OTHERS 2x4 DF Stud/Std

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 9-10

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 16=242(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 16, 10, 11, 12, 13, 14, 15
Max Grav All reactions 250 lb or less at joint(s) 10, 11, 12, 13, 14, 15 except 16=410(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-348/77, 2-3=-358/338, 3-4=-298/280, 4-5=-297/297, 5-6=-253/259

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) -2-1-0 to 0-11-0, Exterior(2) 0-11-0 to 11-10-4 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
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16, 10, 11, 12, 13, 14, 15.
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.

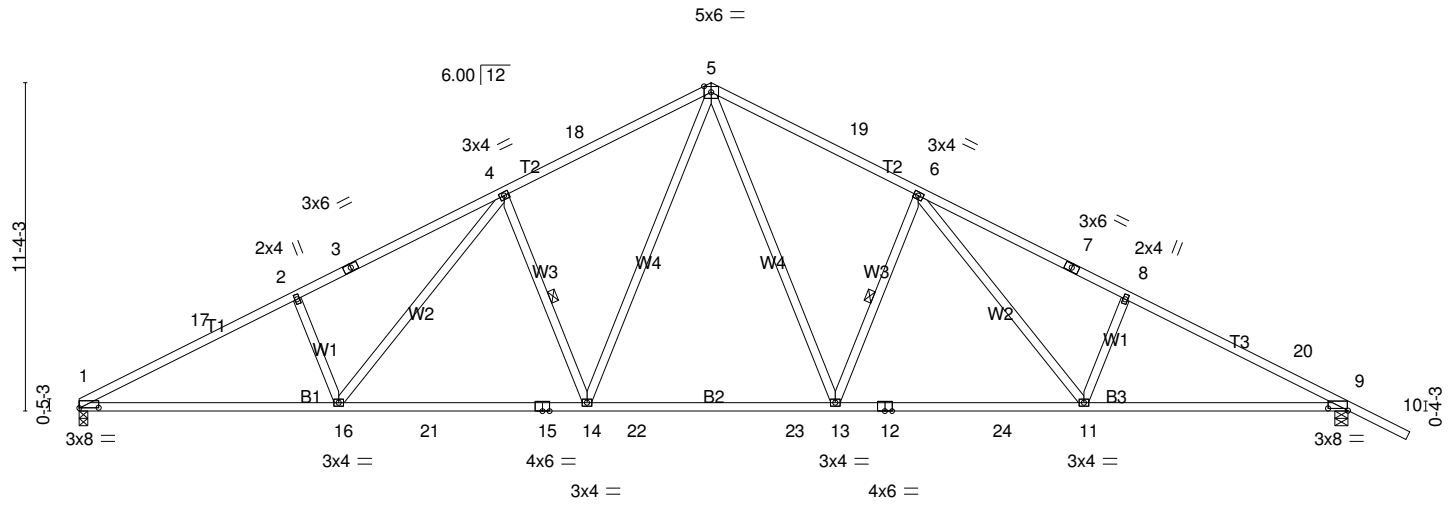
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	C1	Common	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:36 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-sCIDuTQpMauzZLHBa4ogRtuq8LOd11PJwqCgVryej9n

7-6-5	14-8-3	21-10-0	28-11-13	36-1-11	43-10-0	45-10-0
7-6-5	7-1-13	7-1-13	7-1-13	7-1-13	7-8-5	2-0-0

Scale = 1:79.6



8-11-8	17-6-8	26-1-8	34-8-8	43-10-0
8-11-8	8-7-0	8-7-0	8-7-0	9-1-8

Plate Offsets (X,Y)-- [1:0-8-0,0-0-2], [9:0-8-4,0-0-14]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	35.0	Plate Grip DOL	1.15	TC	0.91	Vert(LL)	-0.37	13-14	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.76	Vert(CT)	-0.57	13-14	>918	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.19	9	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.10	13-14	>999	240	Weight: 217 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except* T1: 2x4 DF 2400F 2.0E
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std

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 6-13, 4-14

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

REACTIONS. (lb/size) 1=2211/0-3-8 (min. 0-2-6), 9=2419/0-5-8 (min. 0-2-9)
Max Horz 1=-180(LC 10)
Max Uplift1=-123(LC 12), 9=-186(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-17=-4196/370, 2-17=-4020/385, 2-3=-3958/405, 3-4=-3814/429, 4-18=-3020/367, 5-18=-2885/383, 5-19=-2886/374, 6-19=-3021/357, 6-7=-3796/385, 7-8=-3937/361, 8-20=-4038/344, 9-20=-4177/319
BOT CHORD 1-16=-250/3601, 16-21=-134/2905, 15-21=-134/2905, 14-15=-134/2905, 14-22=-40/2201, 22-23=-40/2201, 13-23=-40/2201, 12-13=-142/2904, 12-24=-142/2904, 11-24=-142/2904, 9-11=-227/3582
WEBS 5-13=-104/1151, 6-13=-936/180, 6-11=-62/819, 8-11=-526/131, 5-14=-104/1154, 4-14=-942/182, 4-16=-99/848, 2-16=-536/155

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=44ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 4-6-6, Interior(1) 4-6-6 to 21-10-0, Exterior(2) 21-10-0 to 26-2-10, Interior(1) 26-2-10 to 45-10-13 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 8.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=123, 9=186.
6) 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.

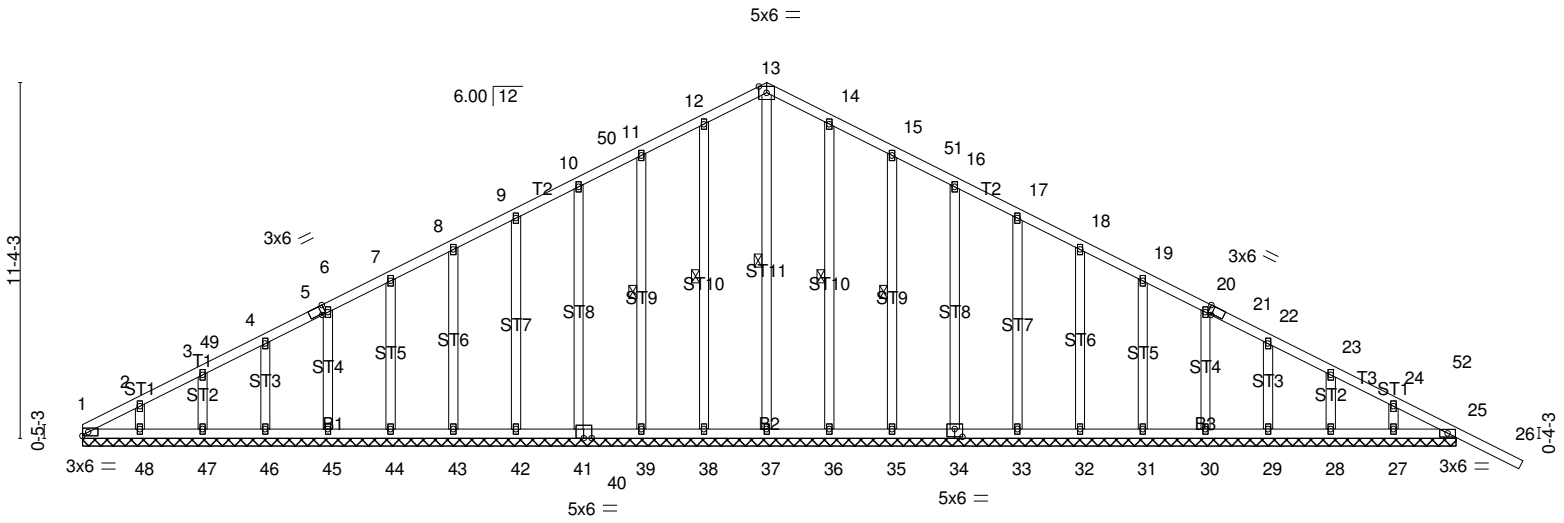
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	C1G	Common Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:38 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-oaQzJ8S4tB8hoeRaiVq8WIzKe9E6V?QcO8hmakyej9l

21-10-0 / 21-10-0 — 43-10-0 / 22-0-0 — 45-10-0 / 2-0-0

Scale = 1:73.5



43-10-0 / 43-10-0

Plate Offsets (X,Y)-- [5:0-1-9,Edge], [21:0-1-9,Edge], [34:0-3-0,0-3-0], [40:0-0-0,0-1-12], [41:0-1-12,0-0-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.26	Vert(LL)	-0.04	26	n/r	120	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	-0.05	26	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.01	25	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R							Weight: 287 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
OTHERS 2x4 DF Stud/Std

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 13-37, 12-38, 11-39, 14-36, 15-35

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

REACTIONS. All bearings 43-10-0.
(lb) - Max Horz 1=-180(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 38, 39, 41, 42, 43, 44, 45, 46, 47, 48, 36, 35, 34, 33, 32, 31, 30, 29, 28, 25
Max Grav All reactions 250 lb or less at joint(s) 1, 37, 38, 39, 41, 42, 43, 44, 45, 46, 47, 48, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27 except 25=384(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 11-12=-91/267, 12-13=-100/294, 13-14=-100/298, 14-15=-91/271

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=44ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 4-4-10, Exterior(2) 4-4-10 to 21-10-0, Corner(3) 21-10-0 to 26-2-10, Exterior(2) 26-2-10 to 45-10-13 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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 38, 39, 41, 42, 43, 44, 45, 46, 47, 48, 36, 35, 34, 33, 32, 31, 30, 29, 28, 25.
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.

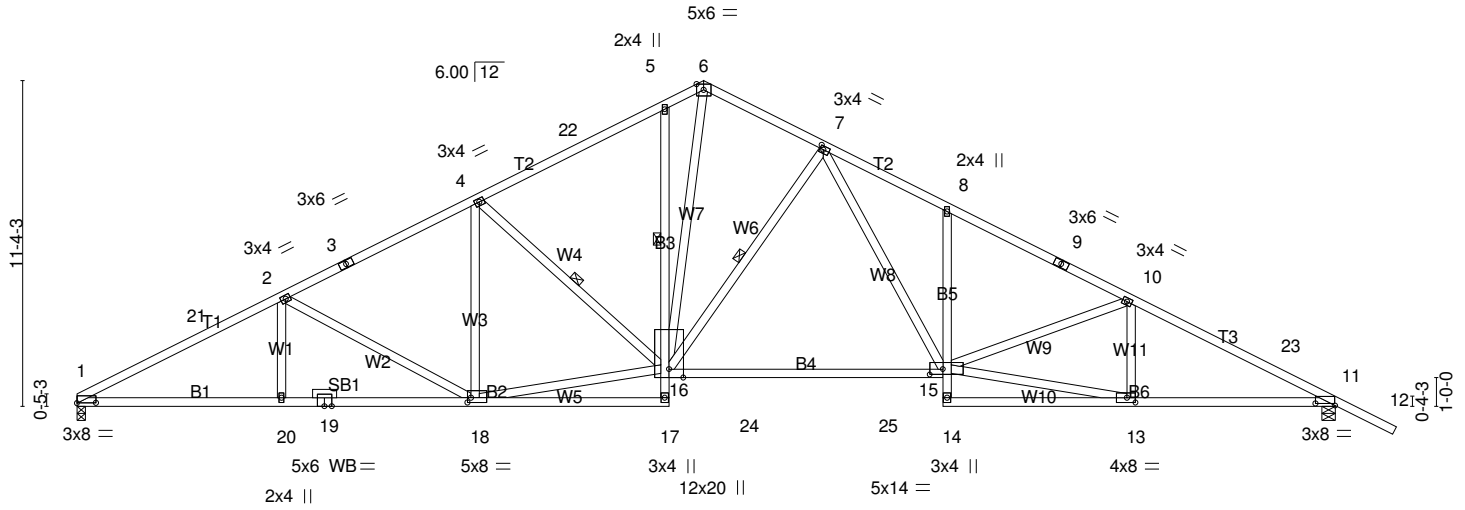
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	C2	Roof Special	3	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:40 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-kzXkkqTKPpOP1ybzpvscbj2Wgzj8zkKvrSAtfcyej9j

7-1-8	13-10-8	20-7-8	21-10-0	26-0-0	30-2-0	36-8-12	43-10-0	45-10-0
7-1-8	6-9-0	6-9-0	1-2-8	4-2-0	4-2-0	6-6-12	7-1-4	2-0-0

Scale = 1:80.3



7-1-8	13-10-8	20-7-8	30-2-0	36-8-12	43-10-0
7-1-8	6-9-0	6-9-0	9-6-8	6-6-12	7-1-4

Plate Offsets (X,Y)-- [1:0-8-0,0-0-2], [7:0-1-8,0-1-8], [11:0-8-4,0-0-14], [13:0-3-8,0-2-0], [15:0-5-8,0-2-4], [18:0-1-8,0-2-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	35.0	Plate Grip DOL	1.15	TC	0.87	Vert(LL)	-0.50	15-16	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.85	Vert(CT)	-0.81	15-16	>648	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.24	11	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.14	15-16	>999	240	Weight: 256 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
B5: 2x4 DF Stud/Std
WEBS 2x4 DF Stud/Std *Except*
W5,W10: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
OTHERS 2x4 DF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 17-18,13-14.
1 Row at midpt 5-16
WEBS 1 Row at midpt 4-16, 7-16

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

REACTIONS. (lb/size) 1=2211/0-3-8 (min. 0-2-6), 11=2419/0-5-8 (min. 0-2-9)
Max Horz 1=-180(LC 10)
Max Uplift1=-123(LC 12), 11=-186(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-21=-4236/364, 2-21=-4060/379, 2-3=-3474/331, 3-4=-3240/354, 4-22=-3020/332, 5-22=-2882/344, 5-6=-2872/380, 6-7=-2627/322, 7-8=-4056/416, 8-9=-3948/357, 9-10=-4080/335, 10-23=-4083/335, 11-23=-4214/310
BOT CHORD 1-20=-248/3634, 19-20=-248/3634, 18-19=-248/3634, 5-16=-368/130, 16-24=-107/2897, 24-25=-107/2897, 15-25=-107/2897, 8-15=-475/114, 11-13=-223/3619
WEBS 2-20=0/268, 2-18=-759/127, 16-18=-109/2980, 4-16=-671/121, 6-16=-272/2127, 7-16=-1066/163, 7-15=-108/1356, 13-15=-188/3513, 10-13=-442/88

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=44ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 4-6-6, Interior(1) 4-6-6 to 21-10-0, Exterior(2) 21-10-0 to 26-0-0, Interior(1) 26-0-0 to 45-10-13 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 8.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=123, 11=186.
6) 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	5010 Rock Creek Drive
B1654-18	D1	Roof Special	11	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:41 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-C956xAUyA6WGf6A9NdOr8xbjMM5BiAu246wRB3yej9i

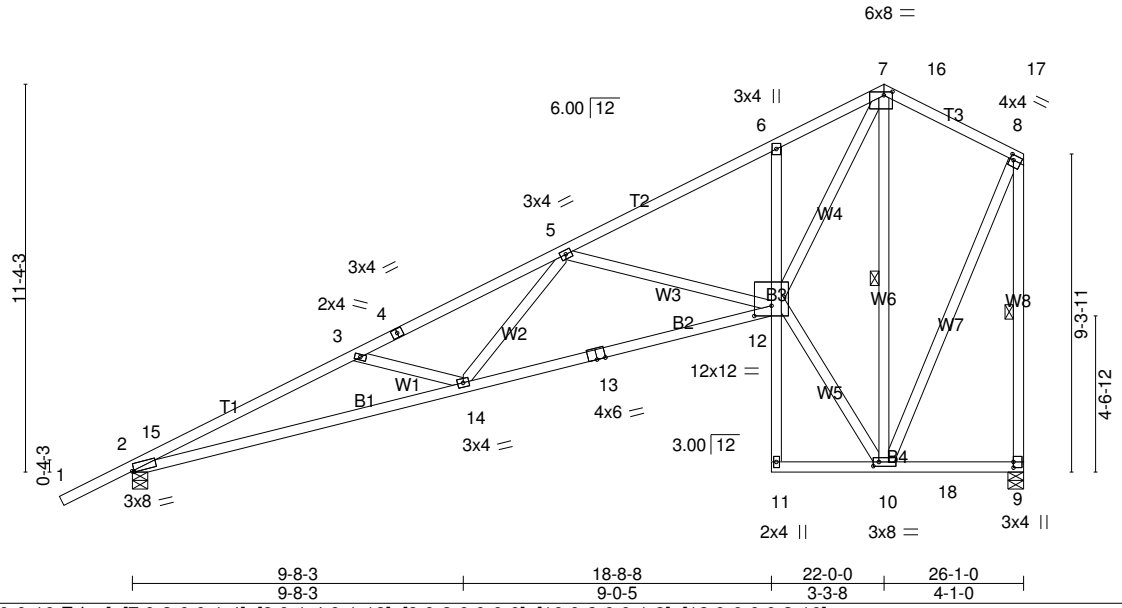


Plate Offsets (X,Y)-- [2:0-0-10,Edge], [7:0-3-0,0-1-4], [8:0-1-4,0-1-12], [9:0-2-0,0-0-0], [10:0-2-0,0-1-8], [12:0-6-0,0-3-10]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.75	Vert(LL)	-0.31	12-14	>982	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.51	12-14	>603	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.98	Horz(CT)	0.37	9	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.10	12-14	>999	240	Weight: 167 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
B3: 2x4 DF Stud/Std
WEBS 2x4 DF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-7-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-10, 8-9

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

REACTIONS. (lb/size) 9=1302/0-5-8 (min. 0-1-8), 2=1517/0-5-8 (min. 0-1-9)
Max Horz 2=285(LC 11)
Max Uplift9=-79(LC 12), 2=-129(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-4087/383, 3-15=-3964/405, 3-4=-3442/301, 4-5=-3325/322, 5-6=-1717/219, 6-7=-1600/274, 7-16=-407/187, 16-17=-450/178, 8-17=-522/176, 8-9=-1265/185
BOT CHORD 2-14=-679/3626, 13-14=-536/2636, 12-13=-525/2656, 6-12=-397/113
WEBS 3-14=-551/148, 5-14=0/697, 5-12=-1185/178, 10-12=-210/698, 7-12=-468/2227, 7-10=-1425/401, 8-10=-162/984

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-0-13 to 0-11-3, Interior(1) 0-11-3 to 22-0-0, Exterior(2) 22-0-0 to 25-0-0, Interior(1) 25-0-0 to 25-11-4 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 8.0psf.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9 except (jt=lb) 2=129.
7) 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	5010 Rock Creek Drive
B1654-18	D1G	Common Girder	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:42 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-gLfU9WVaxQe7HGlLxKv4g88xUmboRqXCJmf_jVyej9h

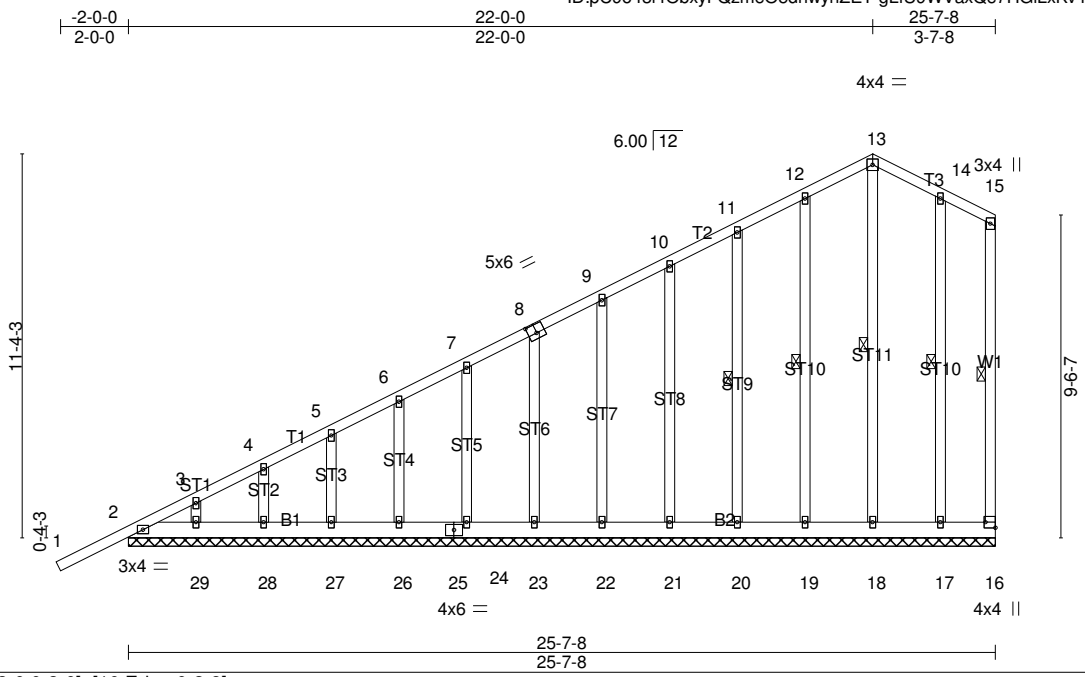


Plate Offsets (X,Y)-- [8:0-3-0,0-3-0], [16:Edge,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.53	Vert(LL)	0.00	1	n/r	120	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	-0.01	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.19	Horz(CT)	-0.00	16	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R							Weight: 206 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x6 DF 1800F 1.6E
WEBS 2x4 DF Stud/Std
OTHERS 2x4 DF Stud/Std

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 15-16, 13-18, 12-19, 11-20, 14-17

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

REACTIONS. All bearings 25-7-8.
(lb) - Max Horz 2=287(LC 7)
Max Uplift All uplift 100 lb or less at joint(s) 16, 2, 19, 20, 21, 22, 23, 24, 26, 27, 28 except 18=-133(LC 7), 17=-137(LC 8)
Max Grav All reactions 250 lb or less at joint(s) 16, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29 except 2=375(LC 1), 18=771(LC 1), 17=755(LC 18)

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=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=26ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16, 2, 19, 20, 21, 22, 23, 24, 26, 27, 28 except (jt=lb) 18=133, 17=137.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.
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) 563 lb down and 89 lb up at 21-11-4, and 563 lb down and 89 lb up at 23-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
13) 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

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	D1G	Common Girder	1	1	Job Reference (optional)

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-13=-86, 13-15=-86, 2-16=-16
   Concentrated Loads (lb)
      Vert: 18=-563(F) 17=-563(F)

Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	D2	SCISSORS	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:43 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-9YDsMsVCikmzuPKYV2QJDMg?uAkmA4GLXQPXFxyej9g

-2-0-0	6-5-5	12-2-10	18-0-0	22-0-0	28-10-4	36-0-0
2-0-0	6-5-5	5-9-6	5-9-6	4-0-0	6-10-4	7-1-12

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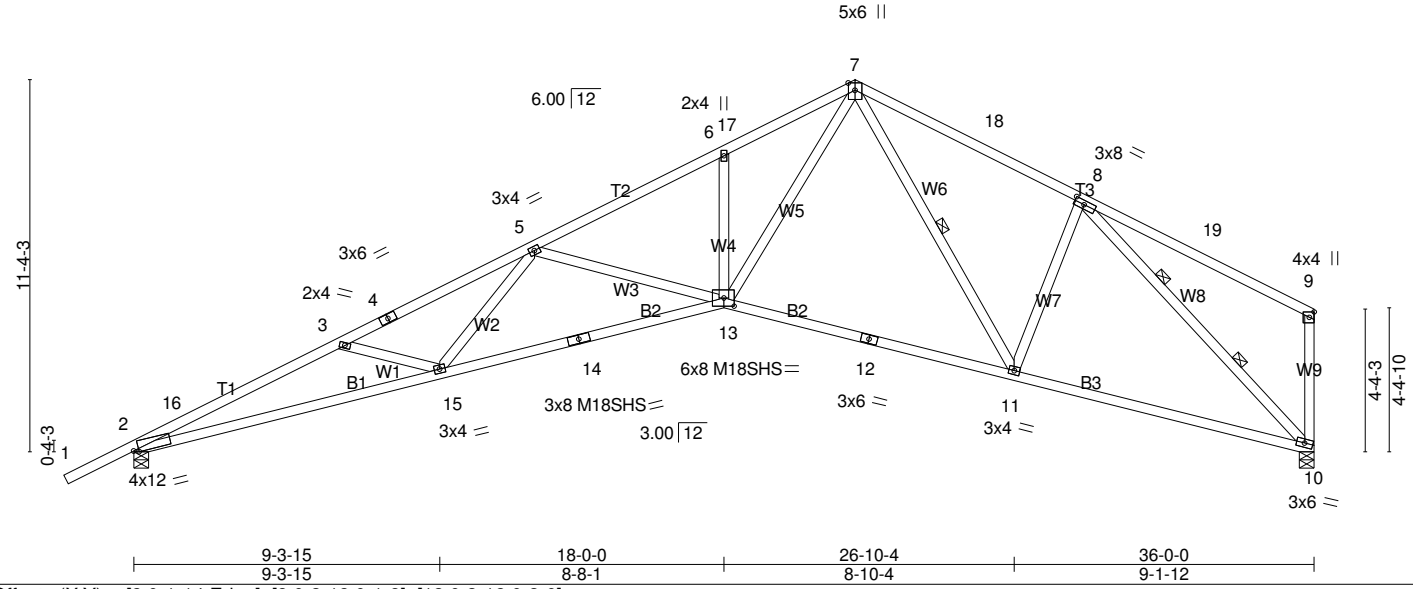


9-3-15	18-0-0	26-10-4	36-0-0
9-3-15	8-8-1	8-10-4	9-1-12

Plate Offsets (X,Y)-- [2:0-1-14,Edge], [8:0-3-12,0-1-8], [13:0-3-12,0-3-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	35.0	Plate Grip DOL	1.15	TC	1.00	Vert(LL)	-0.59	13-15	>729	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.92	Vert(CT)	-0.89	13-15	>480	240	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.57	10	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.18	13-15	>999	240	Weight: 182 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std *Except*
W5,W9: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 7-11
2 Rows at 1/3 pts 8-10

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

REACTIONS. (lb/size) 10=1811/0-5-8 (min. 0-1-14), 2=2021/0-5-8 (min. 0-2-1)
Max Horz 2=226(LC 11)
Max Uplift10=-102(LC 12), 2=-163(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-6066/562, 3-16=-5942/583, 3-4=-5528/493, 4-5=-5420/510, 5-6=-4037/424, 6-17=-3975/477, 7-17=-3836/490, 7-18=-2114/307, 8-18=-2254/284, 9-10=-329/94
BOT CHORD 2-15=-644/5421, 14-15=-520/4666, 13-14=-504/4684, 12-13=-188/2105, 11-12=-197/2087, 10-11=-212/1840
WEBS 3-15=-449/133, 5-15=0/576, 5-13=-1078/163, 6-13=-421/114, 7-13=-305/2862, 7-11=-448/125, 8-11=0/474, 8-10=-2494/237

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-0-13 to 1-6-7, Interior(1) 1-6-7 to 22-0-0, Exterior(2) 22-0-0 to 25-7-3, Interior(1) 25-7-3 to 35-10-4 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) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 10, 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=102, 2=163.
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.

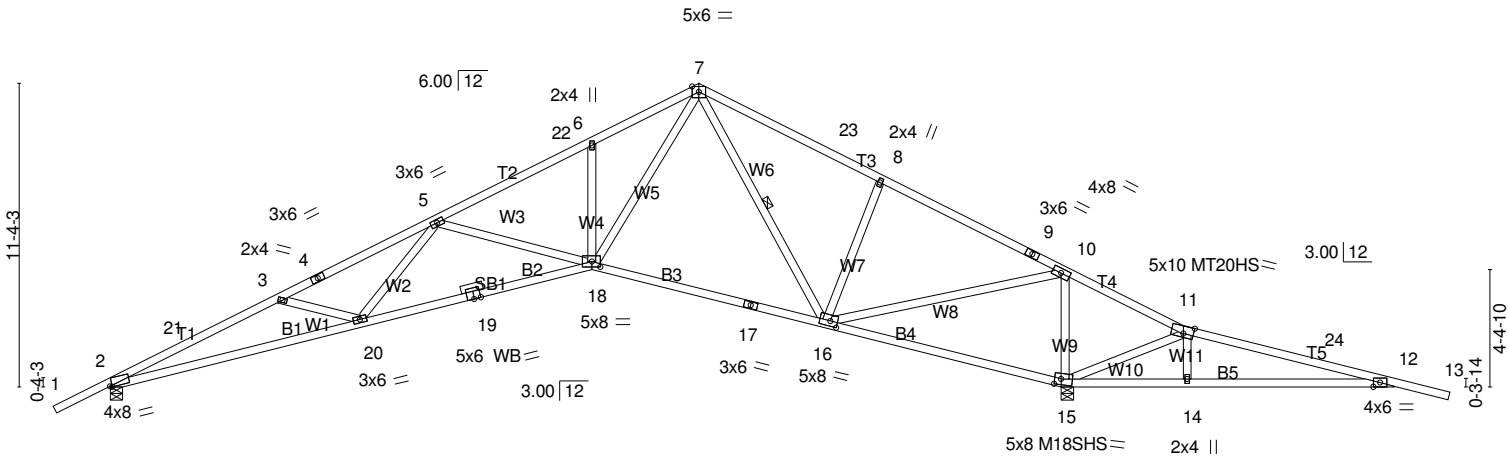
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	D3	Roof Special	2	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:45 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-5wLdnYXTEL1h8jUwcTSnInmNc_SVe?Ke?kueKqyej9e

-2-0-0	6-5-5	12-2-10	18-0-0	22-0-0	28-9-4	35-6-8	40-1-4	48-0-0	50-0-0
2-0-0	6-5-5	5-9-6	5-9-6	4-0-0	6-9-4	6-9-4	4-6-12	7-10-12	2-0-0

Scale = 1:86.1



9-3-15	18-0-0	26-9-4	35-6-8	36-0-0	40-1-4	48-0-0
9-3-15	8-8-1	8-9-4	8-9-4	0-5-8	4-1-4	7-10-12

Plate Offsets (X,Y)-- [2:0-0-14,Edge], [11:0-4-8,0-3-4], [15:0-3-0,0-2-8], [16:0-3-4,0-2-4], [18:0-3-12,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.86	Vert(LL)	-0.45	18-20	>940	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.70	18-20	>608	240	MT20HS	165/146
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.96	Horz(CT)	0.40	15	n/a	n/a	M18SHS	220/195
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.13	18-20	>999	240	Weight: 227 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std *Except*
W5,W8: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
OTHERS 2x4 DF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-0-14 oc bracing.
WEBS 1 Row at midpt 7-16

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

REACTIONS. (lb/size) 15=3531/0-5-8 (min. 0-3-12), 2=1714/0-5-8 (min. 0-1-12)
Max Horz 2=-176(LC 10)
Max Uplift 15=-256(LC 12), 2=-130(LC 12)
Max Grav 15=3531(LC 1), 2=1740(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-4968/152, 3-21=-4846/174, 3-4=-4390/84, 4-5=-4279/101, 5-22=-2845/19, 6-22=-2645/29, 6-7=-2812/83, 7-23=-969/47, 8-23=-1013/23, 8-9=-1029/0, 9-10=-1073/0, 10-11=-1053/2674, 11-24=-941/2246, 12-24=-948/2138
BOT CHORD 2-20=-98/4424, 19-20=0/3584, 18-19=0/3601, 17-18=0/1259, 16-17=0/1228, 15-16=-2518/1106, 14-15=-2106/976, 12-14=-2095/965
WEBS 3-20=-468/162, 5-20=-12/593, 5-18=-1099/177, 6-18=-424/131, 7-18=-11/2392, 7-16=-1073/291, 8-16=-576/161, 10-16=-621/3356, 10-15=-2736/532

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=48ft; eave=6ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-0-13 to 2-8-13, Interior(1) 2-8-13 to 22-0-0, Exterior(2) 22-0-0 to 26-9-10, Interior(1) 26-9-10 to 50-0-7 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) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=256, 2=130.
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.

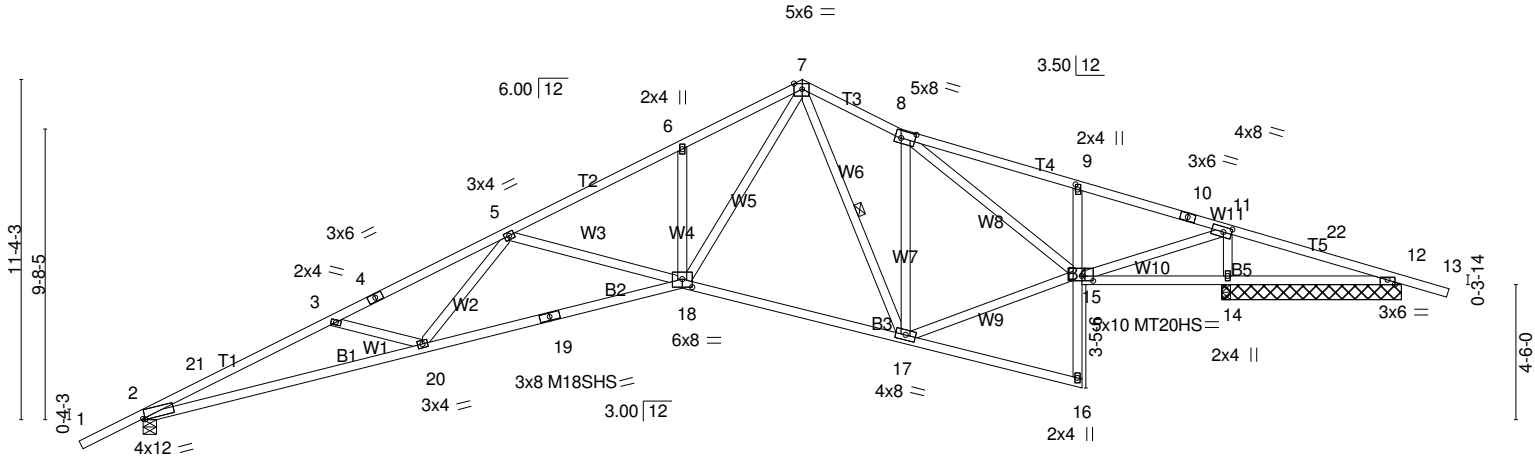
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	D4	Roof Special	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:46 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-Z7v?_tY5?f9Ylt26AAz0r_IXYNnJNVvoENdCsGyej9d

-2-0-0	6-5-5	12-2-10	18-0-0	22-0-0	25-3-11	31-4-0	36-2-7	42-0-0	43-6-0
2-0-0	6-5-5	5-9-6	5-9-6	4-0-0	3-3-11	6-0-5	4-10-7	5-9-9	1-6-0

Scale = 1:76.9



9-3-15	18-0-0	25-3-11	31-4-0	36-0-0	36-2-7	42-0-0
9-3-15	8-8-1	7-3-11	6-0-5	4-8-0	0-2-7	5-9-9

Plate Offsets (X,Y)-- [2:0-0-14,Edge], [7:0-3-4,Edge], [8:0-5-8,0-3-0], [9:0-2-0,0-0-12], [11:0-3-4,0-2-0], [12:0-3-0,Edge], [15:0-4-8,0-2-0], [18:0-4-0,0-3-4]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	35.0	Plate Grip DOL	1.15	TC	0.91	Vert(LL)	-0.55	18-20	>788	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.87	Vert(CT)	-0.84	18-20	>514	240	MT20HS	165/146
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.32	14	n/a	n/a	M18SHS	220/195
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.19	18-20	>999	240	Weight: 216 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
B4: 2x4 DF Stud/Std
WEBS 2x4 DF Stud/Std *Except*
W5,W10: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 4-2-9 oc bracing.
WEBS 1 Row at midpt 7-17

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

REACTIONS. All bearings 6-0-0 except (jt=length) 2=0-5-8.
(lb) - Max Horz 2=-135(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 12=-423(LC 21), 14=-172(LC 12), 2=-153(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 12 except 14=2961(LC 1), 14=2961(LC 1), 2=1920(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-5673/485, 3-21=-5550/506, 3-4=-5119/413, 4-5=-5010/430, 5-6=-3608/342, 6-7=-3574/416, 7-8=-1892/286, 8-9=-1513/201, 9-10=-1397/151, 10-11=-1467/140, 11-22=-204/2380, 12-22=-211/2302
BOT CHORD 2-20=-517/5064, 19-20=-387/4274, 18-19=-378/4291, 17-18=-88/1786, 9-15=-458/96, 14-15=-2207/246, 12-14=-2207/246
WEBS 3-20=-463/138, 5-20=0/592, 5-18=-1085/162, 6-18=-430/131, 7-18=-259/2721, 7-17=-527/221, 8-17=-708/145, 15-17=-89/1679, 8-15=-514/105, 11-15=-312/3751, 11-14=-2784/288

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=42ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-0-13 to 2-1-10, Interior(1) 2-1-10 to 22-0-0, Exterior(2) 22-0-0 to 25-3-11, Interior(1) 25-3-11 to 43-6-8 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) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 423 lb uplift at joint 12, 172 lb uplift at joint 14 and 153 lb uplift at joint 2.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	D5	Roof Special	3	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:47 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-1JSNCDZjmyHPN1dJkuUFNCrj7n5b6yTxS1NlOiyej9c

-2-0-0	6-5-5	12-2-10	18-0-0	22-0-0	25-3-11	31-4-0	36-2-7	42-0-0	43-6-0
2-0-0	6-5-5	5-9-6	5-9-6	4-0-0	3-3-11	6-0-5	4-10-7	5-9-9	1-6-0

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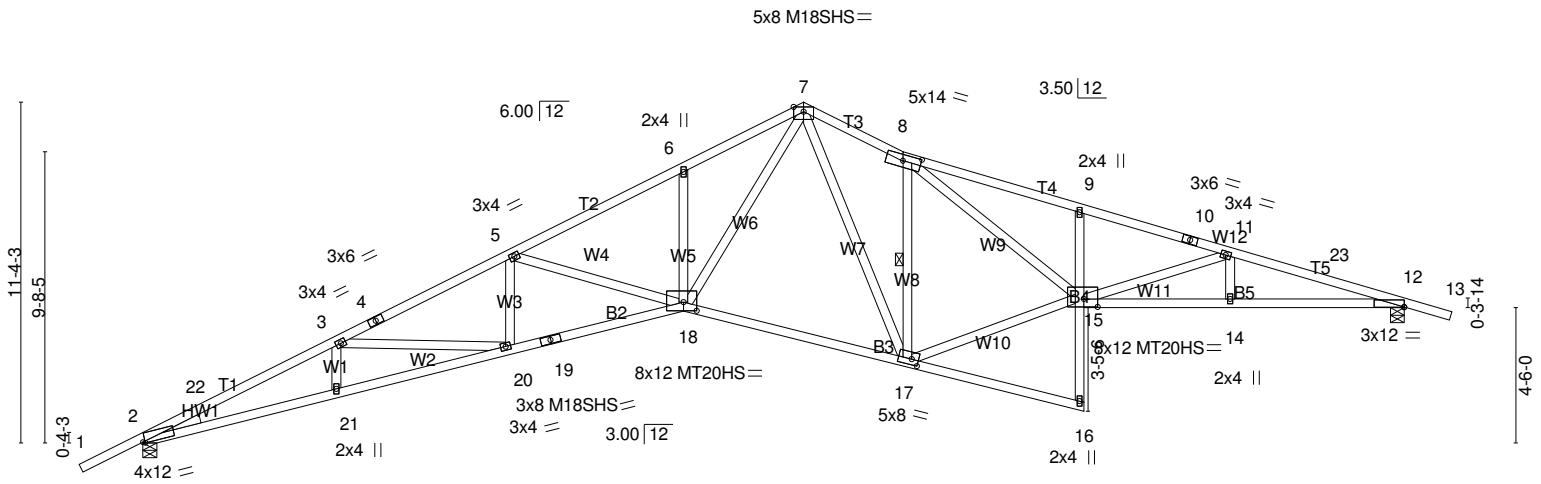

6-5-5	12-2-10	18-0-0	25-3-11	31-4-0	36-2-7	42-0-0
6-5-5	5-9-6	5-9-6	7-3-11	6-0-5	4-10-7	5-9-9

Plate Offsets (X,Y)-- [2:0-0-14,Edge], [8:0-7-4,0-2-8], [12:0-0-0,0-0-2], [15:0-5-8,0-3-4], [17:0-2-11,0-2-4], [18:0-5-4,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.86	Vert(LL)	-0.88	18	>569	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-1.30	17-18	>385	240	MT20HS	165/146
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.61	12	n/a	n/a	M18SHS	220/195
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.29	18	>999	240	Weight: 221 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
T1: 2x4 DF 2400F 2.0E
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
B4: 2x4 DF Stud/Std, B1: 2x4 DF 2400F 2.0E
WEBS 2x4 DF Stud/Std *Except*
W6,W10,W9: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEDGE
Left: 2x4 DF Stud/Std

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:
9-7-10 oc bracing: 18-20
2-2-0 oc bracing: 12-14.
WEBS 1 Row at midpt 8-17

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

REACTIONS. (lb/size) 12=2269/0-5-8 (min. 0-2-7), 2=2318/0-5-8 (min. 0-2-3)
Max Horz 2=-135(LC 10)
Max Uplift12=-168(LC 12), 2=-176(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-22=-7257/577, 3-22=-7126/599, 3-4=-6436/541, 4-5=-6332/560, 5-6=-5297/483, 6-7=-5258/556, 7-8=-3540/419, 8-9=-5520/527, 9-10=-5486/482, 10-11=-5540/471, 11-23=-6158/489, 12-23=-6233/476
BOT CHORD 2-21=-599/6488, 20-21=-600/6497, 19-20=-496/5832, 18-19=-486/5849, 17-18=-184/2955, 9-15=-482/100, 14-15=-420/5885, 12-14=-420/5885
WEBS 3-20=-719/99, 5-20=0/323, 5-18=-1102/145, 6-18=-425/131, 7-18=-323/3447, 7-17=-113/878, 8-17=-2242/273, 15-17=-209/3184, 8-15=-227/2828, 11-15=-716/55

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=42ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-0-13 to 2-1-10, Interior(1) 2-1-10 to 22-0-0, Exterior(2) 22-0-0 to 25-3-11, Interior(1) 25-3-11 to 43-6-8 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) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 168 lb uplift at joint 12 and 176 lb uplift at joint 2.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	D6	Roof Special	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:48 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-VV0IPZZLXGPG?BCVHb0UwPOutBRqrNi4hh6Ix9yej9b

-2-0-0	7-8-5	14-10-3	22-0-0	25-3-11	31-4-0	36-2-7	42-0-0	43-6-0
2-0-0	7-8-5	7-1-13	7-1-13	3-3-11	6-0-5	4-10-7	5-9-9	1-6-0

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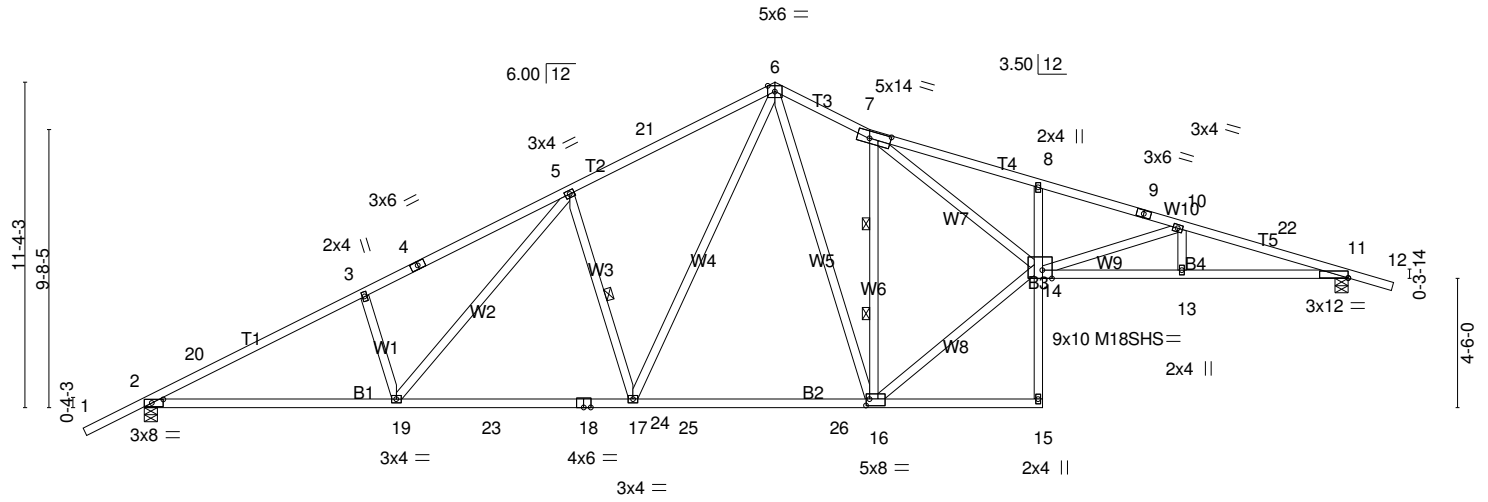

8-9-9	17-0-10	25-3-11	31-4-0	36-2-7	42-0-0
8-9-9	8-3-1	8-3-1	6-0-5	4-10-7	5-9-9

Plate Offsets (X,Y)-- [2:0-4-12,0-1-8], [7:0-8-12,0-3-0], [11:0-0-0,0-0-2], [14:0-4-0,Edge], [16:0-1-8,0-2-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	35.0	Plate Grip DOL	1.15	TC	0.86	Vert(LL)	-0.60	15	>831	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-0.88	15	>570	240	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.29	11	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.20	15	>999	240	Weight: 234 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
B3: 2x4 DF Stud/Std
WEBS 2x4 DF Stud/Std *Except*
W8,W7: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr

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: 11-13.
WEBS 1 Row at midpt 5-17
2 Rows at 1/3 pts 7-16

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

REACTIONS. (lb/size) 2=2318/0-5-8 (min. 0-2-8), 11=2269/0-5-8 (min. 0-2-7)
Max Horz 2=-135(LC 10)
Max Uplift2=-176(LC 12), 11=-168(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-20=-3962/284, 3-20=-3822/310, 3-4=-3763/337, 4-5=-3624/362, 5-21=-2882/337, 6-21=-2740/353, 6-7=-2563/345, 7-8=-5526/532, 8-9=-5487/485, 9-10=-5540/475, 10-22=-6158/491, 11-22=-6233/479
BOT CHORD 2-19=-313/3390, 19-23=-228/2712, 18-23=-228/2712, 18-24=-228/2712, 17-24=-228/2712, 17-25=-127/1994, 25-26=-127/1994, 16-26=-127/1994, 8-14=-492/104, 13-14=-419/5884, 11-13=-419/5884
WEBS 3-19=-535/133, 5-19=-75/857, 5-17=-933/187, 6-17=-119/1213, 6-16=-101/1017, 7-16=-2441/272, 14-16=-182/2777, 7-14=-304/3921, 10-14=-716/55

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=42ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-0-13 to 2-1-10, Interior(1) 2-1-10 to 22-0-0, Exterior(2) 22-0-0 to 25-3-11, Interior(1) 25-3-11 to 43-6-8 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) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 8.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 176 lb uplift at joint 2 and 168 lb uplift at joint 11.
7) 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	5010 Rock Creek Drive
B1654-18	D6G	GABLE	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:50 2018 Page 1
ID:pC9o43i4ObxyFQzmeO5dhwynZET-Ru8WqFbb3tf_EUMuP02y?qTHN?7lJFeN9?bP?1yej9Z

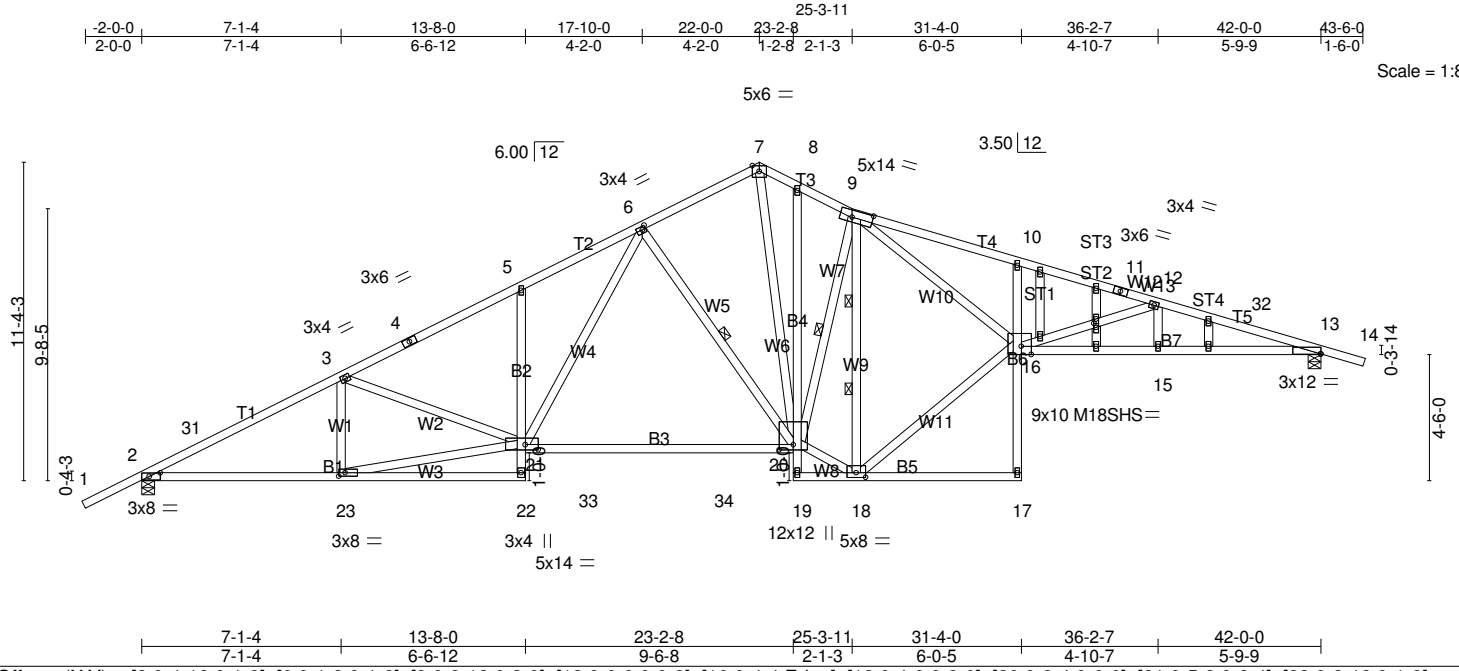

Plate Offsets (X,Y)-- [2:0-4-12,0-1-8], [6:0-1-8,0-1-8], [9:0-8-12,0-3-0], [13:0-0-0,0-0-2], [16:0-4-4,Edge], [18:0-4-0,0-2-0], [20:0-2-4,0-6-0], [21:0-5-8,0-2-4], [23:0-2-12,0-1-8], [28:0-1-11,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.66	Vert(LL)	-0.63	20-21	>791	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-1.00	20-21	>497	240	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.34	13	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.20	17	>999	240	Weight: 277 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
B2,B6: 2x4 DF Stud/Std
WEBS 2x4 DF Stud/Std *Except*
W3,W8,W11,W10: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
OTHERS 2x4 DF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 6-20, 9-20
2 Rows at 1/3 pts 9-18

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

REACTIONS. (lb/size) 2=2318/0-5-8 (min. 0-2-8), 13=2269/0-5-8 (min. 0-2-7)
Max Horz 2=-135(LC 10)
Max Uplift2=-176(LC 12), 13=-168(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-31=-3998/280, 3-31=-3867/304, 3-4=-3823/321, 4-5=-3691/343, 5-6=-3797/403, 6-7=-2385/298, 7-8=-2479/325, 8-9=-2684/343, 9-10=-5503/528, 10-11=-5483/484, 11-12=-5537/474, 12-32=-6160/491, 13-32=-6234/478
BOT CHORD 2-23=-312/3427, 5-21=-473/114, 21-33=-207/2675, 33-34=-207/2675, 20-34=-207/2675, 8-20=-50/307, 18-19=-283/0, 10-16=-465/97, 15-16=-419/5886, 13-15=-419/5886
WEBS 3-23=-412/105, 21-23=-273/3329, 3-21=-268/110, 6-21=-117/1337, 6-20=-1056/168, 7-20=-185/1677, 18-20=-87/2549, 9-20=-237/383, 9-18=-2727/207, 16-18=-189/2790, 9-16=-295/3887, 12-16=-719/55

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=42ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-0-13 to 2-1-10, Interior(1) 2-1-10 to 22-0-0, Exterior(2) 22-0-0 to 25-3-11, Interior(1) 25-3-11 to 43-6-8 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) All plates are MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 8.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 176 lb uplift at joint 2 and 168 lb uplift at joint 13.
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	5010 Rock Creek Drive
B1654-18	E1G	Common Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:51 2018 Page 1
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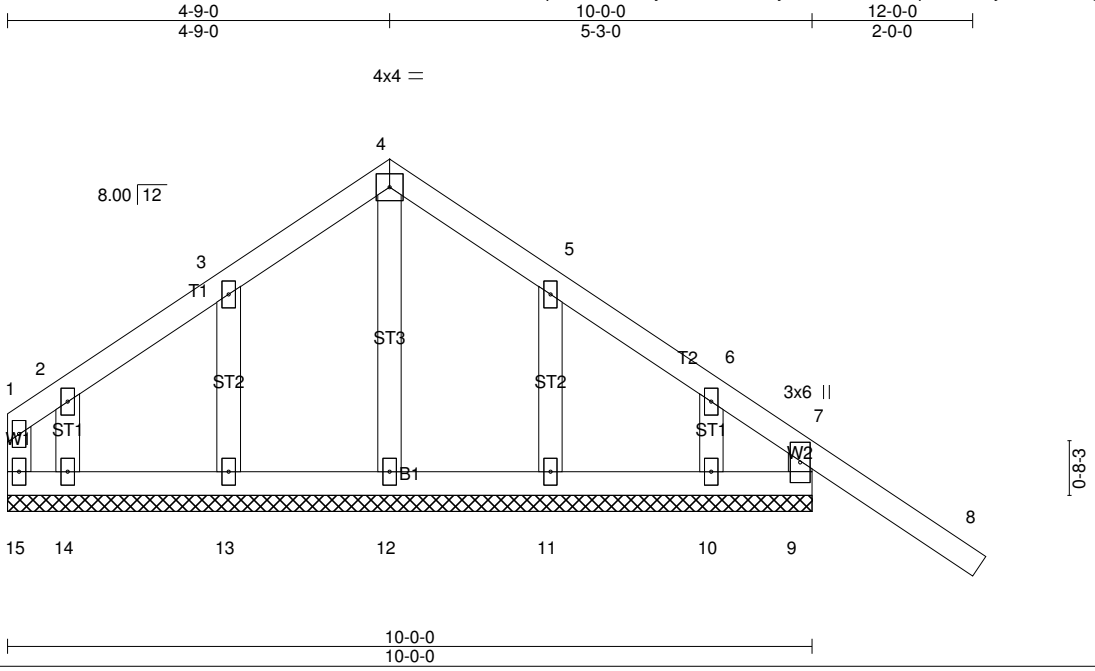


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	-0.05	8	n/r	120	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	-0.07	8	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	9	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R							Weight: 48 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std
OTHERS 2x4 DF Stud/Std

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 10-0-0.
(lb) - Max Horz 15=-86(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 15, 13, 14, 11, 10 except 9=-116(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 15, 12, 13, 14, 11, 10 except 9=416(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 7-9=-344/151

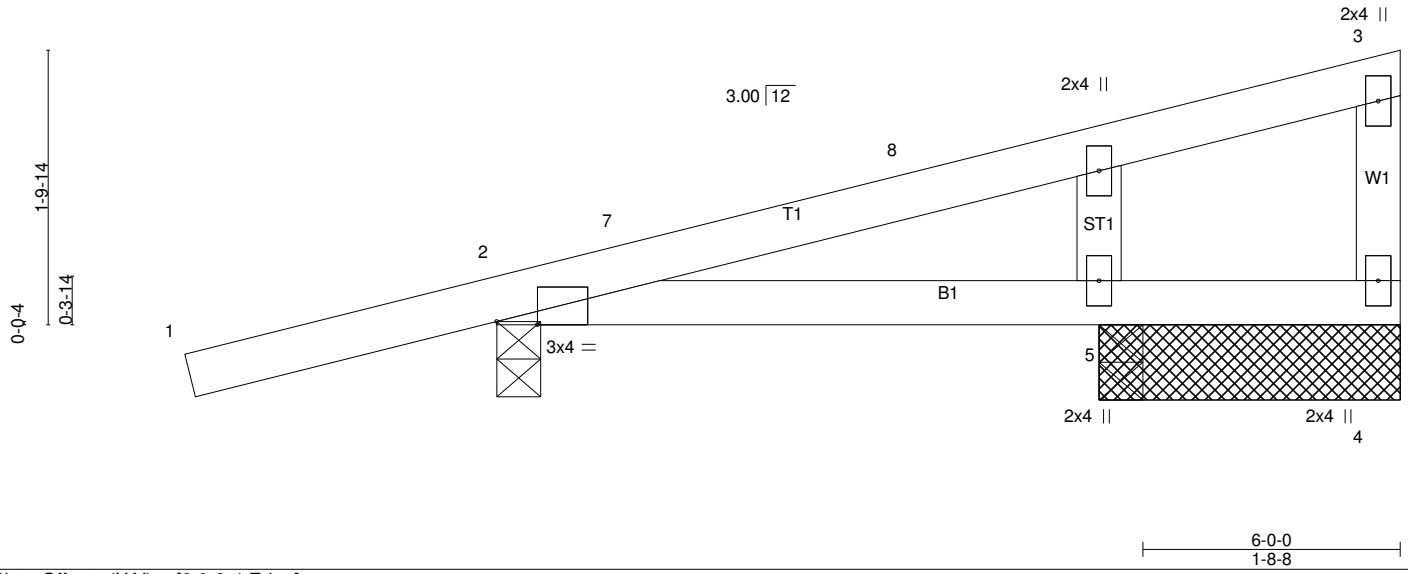
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) 0-1-12 to 3-1-12, Exterior(2) 3-1-12 to 4-9-0, Corner(3) 4-9-0 to 7-9-0, Exterior(2) 7-9-0 to 12-1-0 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) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 15, 13, 14, 11, 10 except (jt=lb) 9=116.
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	5010 Rock Creek Drive
B1654-18	M01	Monopitch Structural Gable	1	1	Job Reference (optional)

-2-0-0 2-0-0 | 6-0-0 6-0-0

Scale = 1:15.3



6-0-0
1-8-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.42	Vert(LL)	-0.01	2-5	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	-0.01	2-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-P		Wind(LL)	0.00	5	****	240	Weight: 22 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std
OTHERS 2x4 DF Stud/Std

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 0-3-8 except (jt=length) 4=2-0-0.
(lb) - Max Horz 2=47(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 4 except 2=-104(LC 8)
Max Grav All reactions 250 lb or less at joint(s) 4, 5, 5 except 2=494(LC 1)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-0-7 to 0-11-9, Interior(1) 0-11-9 to 5-10-4 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
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable studs spaced at 2-0-0 oc.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=104.
7) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.
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.
9) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	5010 Rock Creek Drive
B1654-18	M02	Monopitch	5	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:52 2018 Page 1
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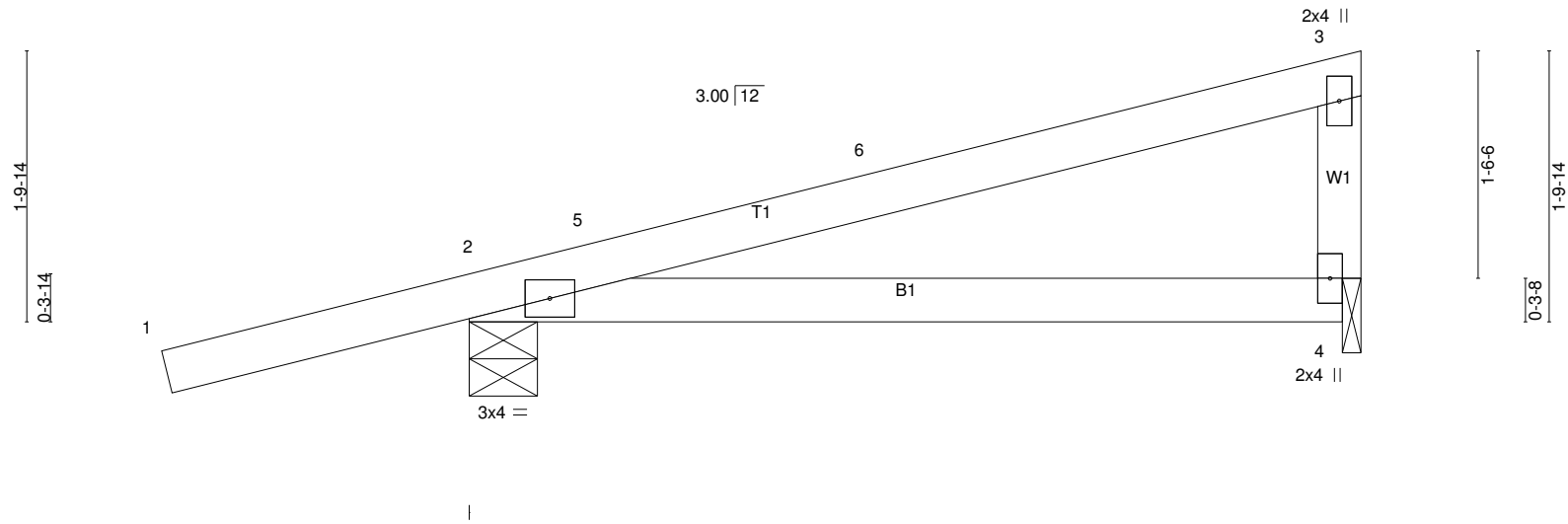

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.39	Vert(LL)	-0.05	2-4	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.22	Vert(CT)	-0.09	2-4	>714	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 21 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std

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

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

REACTIONS. (lb/size) 2=521/0-5-8 (min. 0-1-8), 4=248/0-1-8 (min. 0-1-8)
Max Horz 4=47(LC 9)
Max Uplift2=-97(LC 8), 4=-11(LC 8)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -2-0-7 to 0-11-9, Interior(1) 0-11-9 to 5-10-4 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
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
7) 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	5010 Rock Creek Drive
B1654-18	M03	Monopitch Structural Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.220 s May 29 2018 Print: 8.220 s May 29 2018 MiTek Industries, Inc. Tue Sep 11 10:38:53 2018 Page 1
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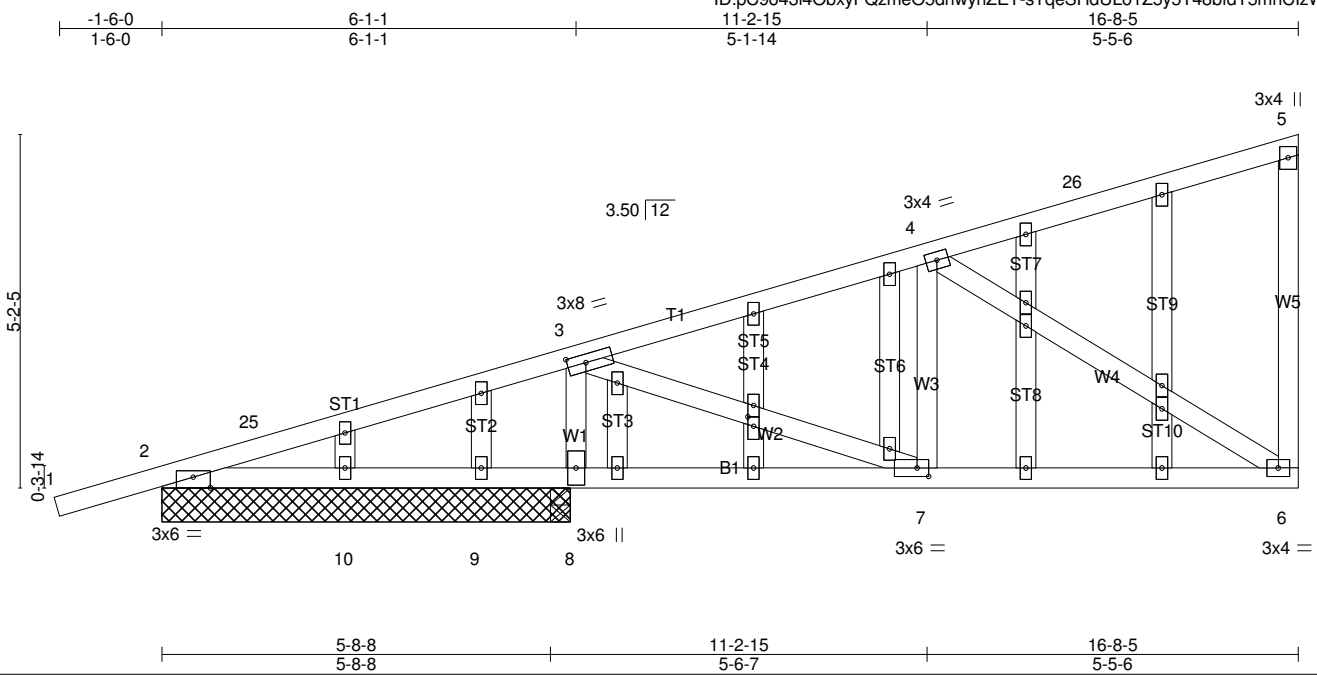

Plate Offsets (X,Y)-- [2:0-3-0,Edge], [3:0-3-4,0-1-8], [7:0-2-0,0-1-8], [20:0-1-11,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	35.0	Plate Grip DOL	1.15	TC	0.79	Vert(LL)	-0.01	2-10	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.29	Vert(CT)	-0.56	6	>225	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.55	Horz(CT)	-0.02	8	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	-0.00	8-9	>999	240	Weight: 96 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEBS 2x4 DF Stud/Std *Except*
W2: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
OTHERS 2x4 DF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-8-13 oc bracing.

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

REACTIONS. All bearings 6-0-0 except (jt=length) 8=0-3-8, 8=0-3-8.
(lb) - Max Horz 2=138(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-496(LC 1), 9=-178(LC 1), 8=-381(LC 9)
Max Grav All reactions 250 lb or less at joint(s) 2, 9, 10 except 8=2352(LC 1), 8=2352(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-25=-1779/2892, 3-25=-1766/3026, 3-4=-349/451
BOT CHORD 2-10=-2825/1518, 9-10=-2825/1518, 8-9=-2825/1518, 7-8=-2825/1518, 6-7=-381/210
WEBS 3-8=-2107/973, 3-7=-1404/2589, 4-7=-817/322, 4-6=-295/491

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-8 to 1-5-8, Interior(1) 1-5-8 to 16-6-9 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
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 496 lb uplift at joint 2, 178 lb uplift at joint 9 and 381 lb uplift at joint 8.
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.

LOAD CASE(S) Standard