Job	Truss	Truss Type	Qty	Ply	Park Place L5 B7(RP2/15)
B0252-19	A1G	Common Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:18 2019 Page 1
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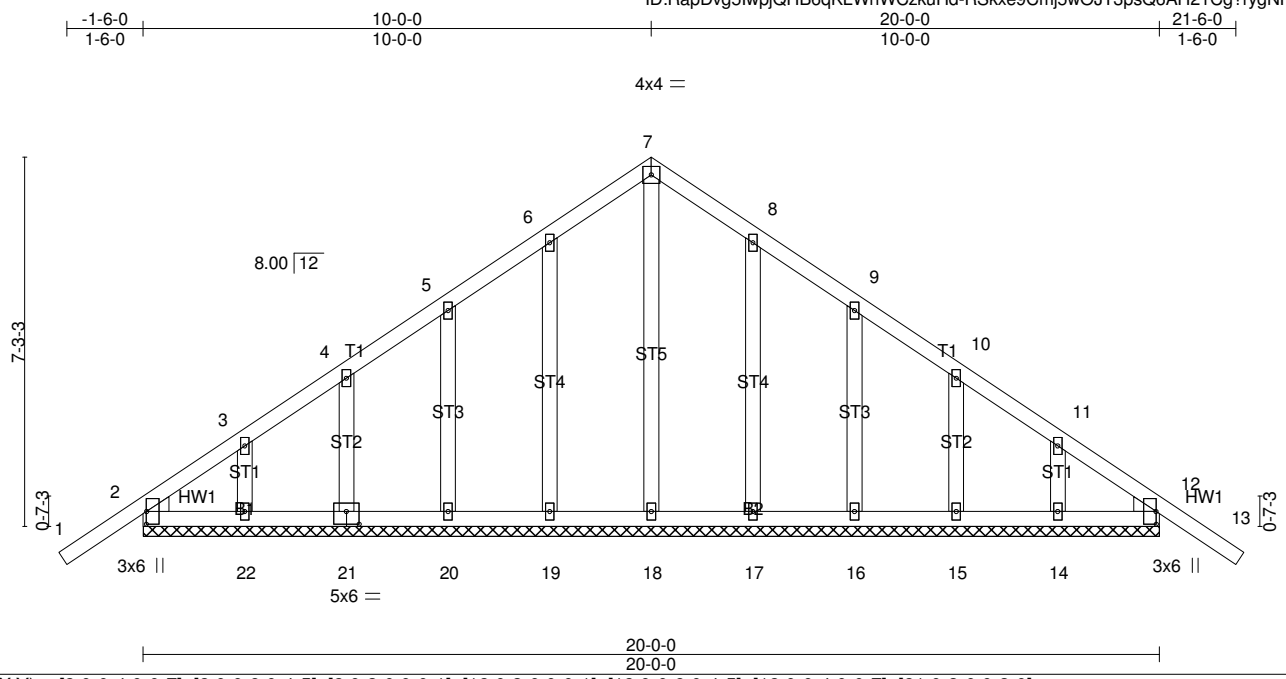

Plate Offsets (X,Y)-- [2:0-0-4,0-0-7], [2:0-0-9,0-4-5], [2:0-3-0,0-0-1], [12:0-3-0,0-0-1], [12:0-0-9,0-4-5], [12:0-0-4,0-0-7], [21:0-3-0,0-3-0]

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	0.15	Vert(LL)	-0.01	13	n/r	120	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	-0.02	13	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.00	12	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R							Weight: 112 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
WEDGE
Left: 2x4 DF Stud/Std, Right: 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.

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

REACTIONS. All bearings 20-0-0.
(lb) - Max Horz 2=-121(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 19, 20, 21, 22, 17, 16, 15, 14, 12
Max Grav All reactions 250 lb or less at joint(s) 18, 19, 20, 21, 22, 17, 16, 15, 14 except 2=305(LC 1), 12=305(LC 1)

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=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) -1-7-0 to 1-5-0, Exterior(2) 1-5-0 to 10-0-0, Corner(3) 10-0-0 to 13-0-0, Exterior(2) 13-0-0 to 21-7-0 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) 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) 2, 19, 20, 21, 22, 17, 16, 15, 14, 12.
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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Park Place L5 B7(RP2/15)
B0252-19	B1G	Common Structural Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:20 2019 Page 1
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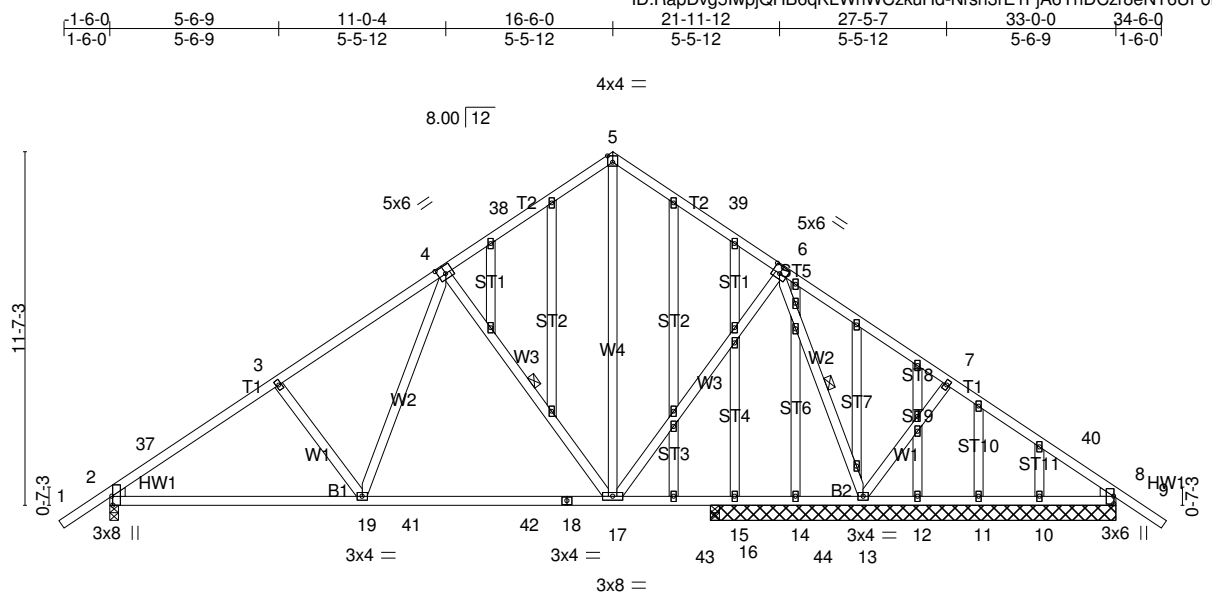

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [2:0-0-9,0-4-5], [2:0-0-4,0-0-7], [4:0-3-0,0-3-0], [5:0-2-0,0-2-8], [6:0-3-0,0-3-0], [8:0-0-4,0-0-7], [8:0-0-9,0-4-5], [8:0-3-0,0-0-1]

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)	-0.15	17-19	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.23	17-19	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.03	13	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	-0.03	2-19	>999	240	Weight: 245 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
WEDGE
Left: 2x4 DF Stud/Std, Right: 2x4 DF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-13, 4-17

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) 2=0-3-8, 16=0-3-8.
(lb) - Max Horz 2=-197(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 8, 15, 16 except 2=-112(LC 12), 13=-176(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 15, 14, 12, 11, 10, 16 except 2=1333(LC 1), 13=1741(LC 1), 8=414(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-37=-1679/116, 3-37=-1554/140, 3-4=-1403/164, 4-38=-756/151, 5-38=-625/172, 5-39=-625/175, 6-39=-756/159, 6-7=0/440, 8-40=-258/189
BOT CHORD 2-19=-28/1283, 19-41=0/947, 41-42=0/947, 18-42=0/947, 17-18=0/947
WEBS 5-17=-76/271, 6-17=0/545, 6-13=-1469/138, 7-13=-403/122, 4-17=-682/137, 4-19=-20/495, 3-19=-332/111

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=33ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-7-0 to 1-8-10, Interior(1) 1-8-10 to 16-6-0, Exterior(2) 16-6-0 to 19-9-10, Interior(1) 19-9-10 to 34-7-0 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) 8, 15, 16 except (jt=lb) 2=112, 13=176.
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	Park Place L5 B7(RP2/15)
B0252-19	B2	Common	6	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:21 2019 Page 1
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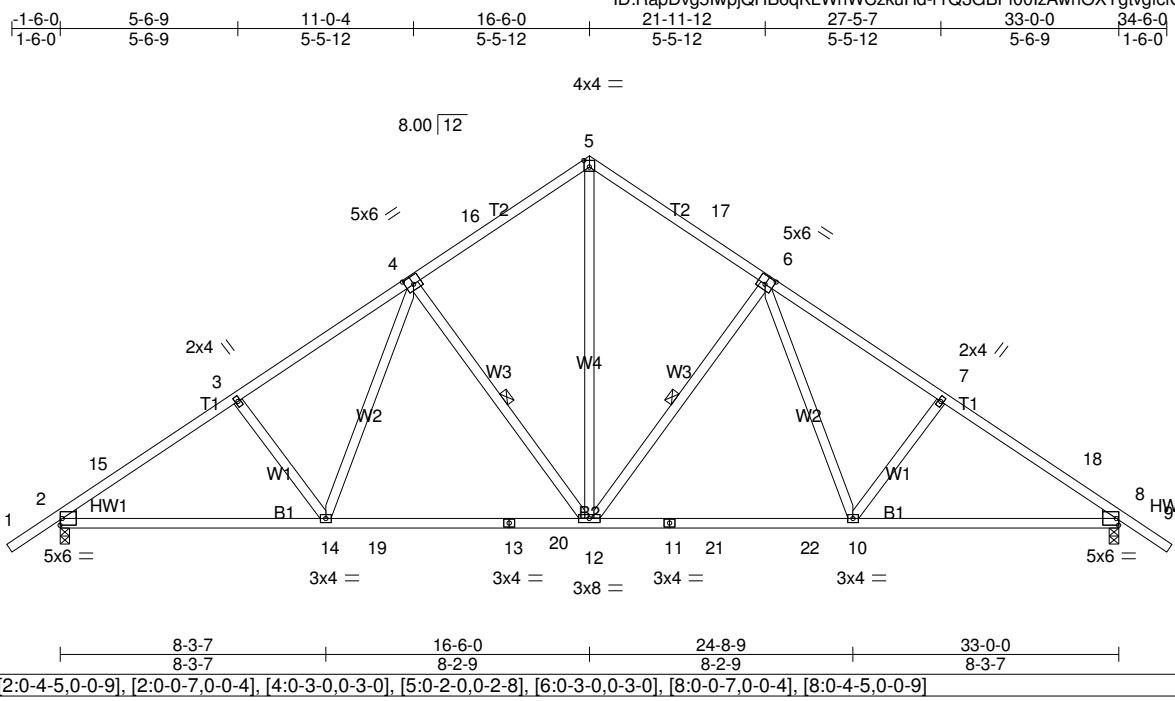

Plate Offsets (X,Y)-- [2:0-4-5,0-0-9], [2:0-0-7,0-0-4], [4:0-3-0,0-3-0], [5:0-2-0,0-2-8], [6:0-3-0,0-3-0], [8:0-0-7,0-0-4], [8:0-4-5,0-0-9]

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	0.61	Vert(LL)	-0.18	10-12	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.48	Vert(CT)	-0.27	10-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.08	8	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	-0.04	8-10	>999	240	Weight: 178 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
WEDGE
Left: 2x4 DF Stud/Std, Right: 2x4 DF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-12, 4-12

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

REACTIONS. (lb/size) 2=1817/0-3-8 (min. 0-1-15), 8=1817/0-3-8 (min. 0-1-15)
Max Horz 2=197(LC 11)
Max Uplift2=-139(LC 12), 8=-139(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-2490/178, 3-15=-2366/202, 3-4=-2215/226, 4-16=-1604/212, 5-16=-1374/235, 5-17=-1374/235, 6-17=-1604/212, 6-7=-2215/226, 7-18=-2366/202, 8-18=-2490/178
BOT CHORD 2-14=-78/1905, 14-19=-11/1600, 19-20=-11/1600, 13-20=-11/1600, 12-13=-11/1600, 11-12=-18/1600, 11-21=-18/1600, 21-22=-18/1600, 10-22=-18/1600, 8-10=-87/1905
WEBS 5-12=-143/1146, 6-12=-663/136, 6-10=-19/448, 7-10=-310/108, 4-12=-663/136, 4-14=-19/447, 3-14=-310/108

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=33ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-7-0 to 1-8-10, Interior(1) 1-8-10 to 16-6-0, Exterior(2) 16-6-0 to 19-9-10, Interior(1) 19-9-10 to 34-7-0 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 100 lb uplift at joint(s) except (jt=lb) 2=139, 8=139.
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	Park Place L5 B7(RP2/15)
B0252-19	B3	Common	3	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:22 2019 Page 1
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5-6-9	11-0-4	16-6-0	21-11-12	27-5-7	33-0-0	34-6-0
5-6-9	5-5-12	5-5-12	5-5-12	5-5-12	5-6-9	1-6-0

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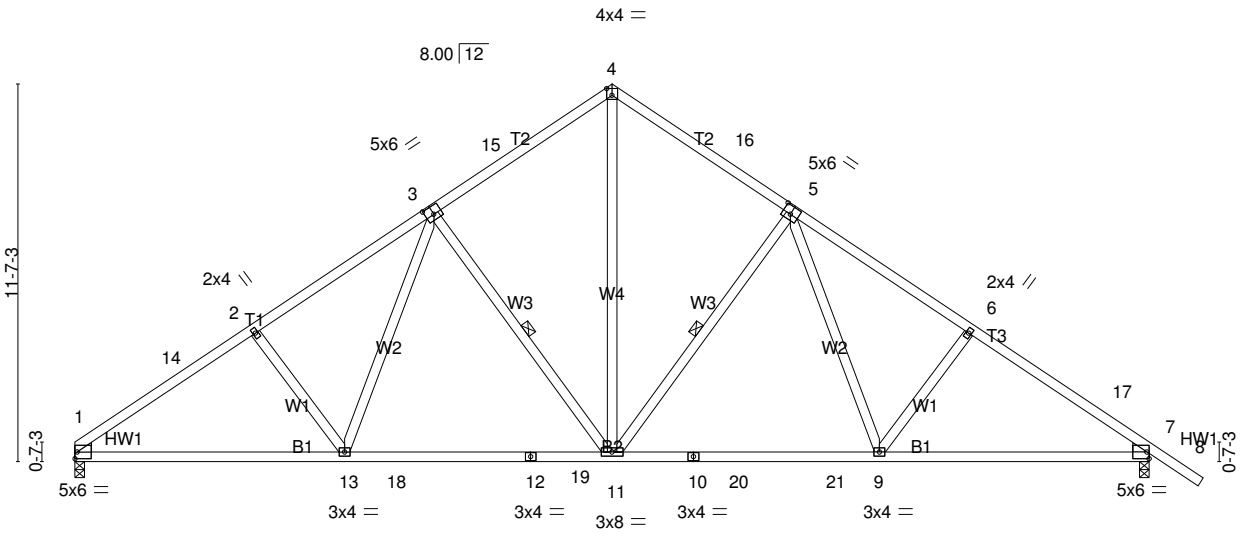

8-3-7	16-6-0	24-8-9	33-0-0
8-3-7	8-2-9	8-2-9	8-3-7

Plate Offsets (X,Y)-- [1:0-4-5,0-0-9], [1:0-0-7,0-0-4], [3:0-3-0,0-3-0], [4:0-2-0,0-2-8], [5:0-3-0,0-3-0], [7:0-0-7,0-0-4], [7:0-4-5,0-0-9]

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)	-0.19	9-11	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.48	Vert(CT)	-0.28	9-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.08	7	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.04	1-13	>999	240	Weight: 175 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
WEDGE
Left: 2x4 DF Stud/Std, Right: 2x4 DF Stud/Std

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

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

REACTIONS. (lb/size) 1=1664/0-3-8 (min. 0-1-12), 7=1821/0-3-8 (min. 0-1-15)
Max Horz 1=-193(LC 10)
Max Uplift1=-93(LC 12), 7=-140(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-14=-2490/208, 2-14=-2348/222, 2-3=-2242/246, 3-15=-1610/224, 4-15=-1380/240, 4-16=-1379/236, 5-16=-1610/217, 5-6=-2222/228, 6-17=-2373/204, 7-17=-2497/180
BOT CHORD 1-13=-101/1934, 13-18=-20/1612, 18-19=-20/1612, 12-19=-20/1612, 11-12=-20/1612, 10-11=-22/1606, 10-20=-22/1606, 20-21=-22/1606, 9-21=-22/1606, 7-9=-91/1910
WEBS 4-11=-148/1151, 5-11=-663/136, 5-9=-19/448, 6-9=-310/108, 3-11=-674/138, 3-13=-32/469, 2-13=-326/119

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=33ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-5-6, Interior(1) 3-5-6 to 16-6-0, Exterior(2) 16-6-0 to 19-9-10, Interior(1) 19-9-10 to 34-7-0 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 100 lb uplift at joint(s) 1 except (jt=lb) 7=140.
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	Park Place L5 B7(RP2/15)
B0252-19	B4	Common	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:24 2019 Page 1
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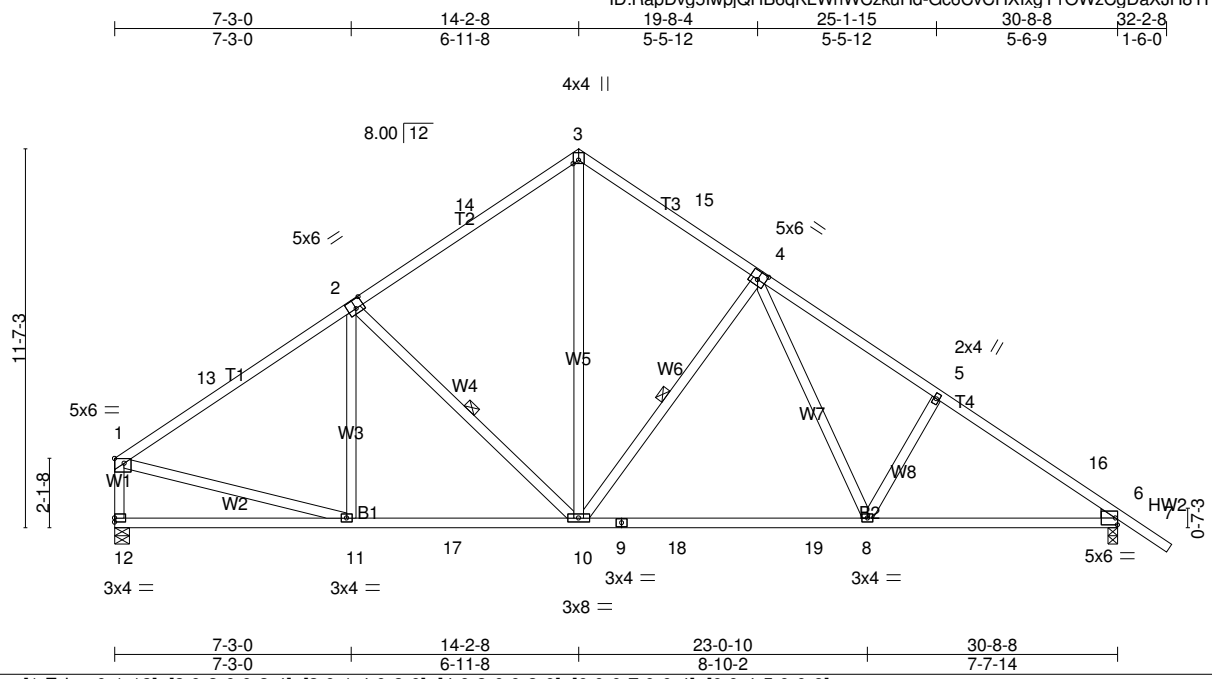

Plate Offsets (X,Y)-- [1:Edge,0-1-12], [2:0-3-0,0-3-4], [3:0-1-4,0-2-0], [4:0-3-0,0-3-0], [6:0-0-7,0-0-4], [6:0-4-5,0-0-9]

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	0.57	Vert(LL)	-0.22	8-10	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.49	Vert(CT)	-0.33	8-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.05	6	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	-0.03	6-8	>999	240	Weight: 172 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*
W1: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEDGE
Right: 2x4 DF Stud/Std

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

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

REACTIONS. (lb/size) 12=1547/0-5-8 (min. 0-1-10), 6=1704/0-3-8 (min. 0-1-13)
Max Horz 12=-212(LC 10)
Max Uplift12=-86(LC 12), 6=-133(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-13=-1762/149, 2-13=-1595/168, 2-14=-1455/193, 3-14=-1273/217, 3-15=-1169/221, 4-15=-1407/199, 4-5=-2070/220, 5-16=-2185/183, 6-16=-2311/159, 1-12=-1480/157
BOT CHORD 11-12=-124/345, 11-17=-3/1348, 10-17=-3/1348, 9-10=-8/1435, 9-18=-8/1435, 18-19=-8/1435, 8-19=-8/1435, 6-8=-73/1759
WEBS 2-10=-452/113, 3-10=-116/902, 4-10=-660/136, 4-8=-29/501, 5-8=-311/112, 1-11=-30/1141

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=31ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-2-10, Interior(1) 3-2-10 to 14-2-8, Exterior(2) 14-2-8 to 17-3-6, Interior(1) 17-3-6 to 32-3-8 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) 12 except (jt=lb) 6=133.
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	Park Place L5 B7(RP2/15)
B0252-19	C1G	Common Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:25 2019 Page 1
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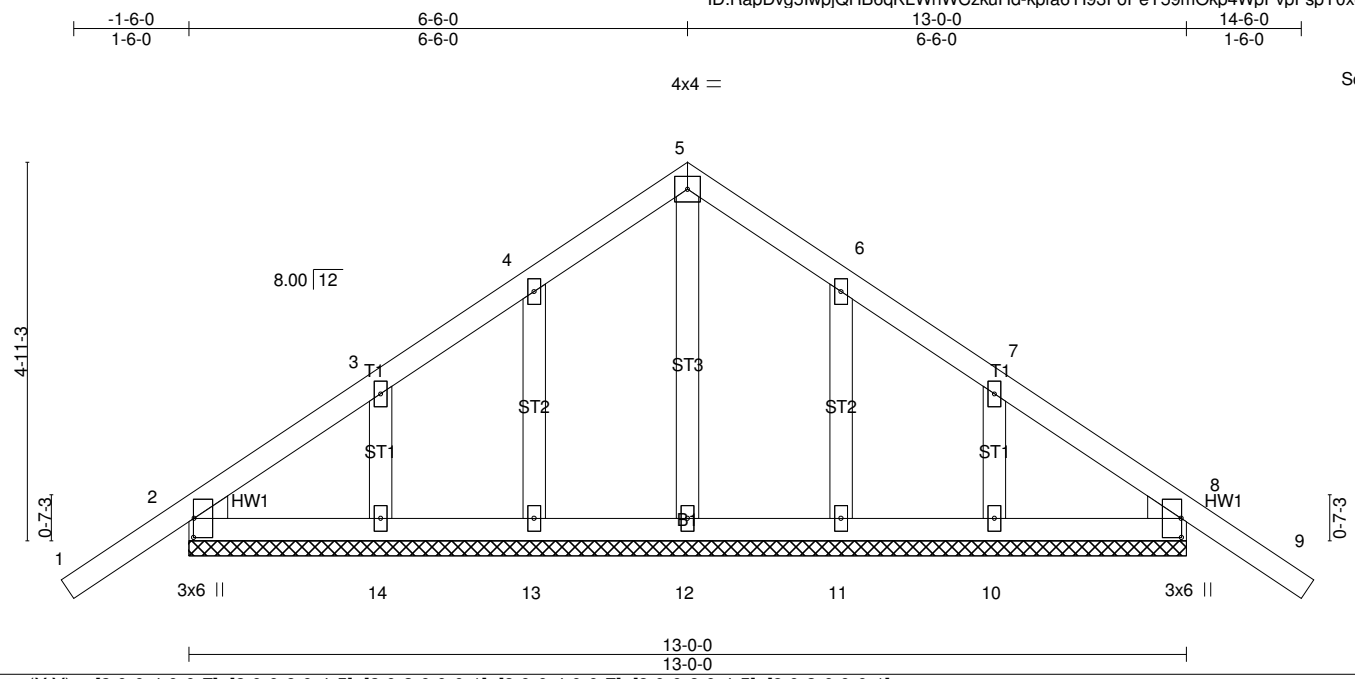

Plate Offsets (X,Y)-- [2:0-0-4,0-0-7], [2:0-0-9,0-4-5], [2:0-3-0,0-0-1], [8:0-0-4,0-0-7], [8:0-0-9,0-4-5], [8:0-3-0,0-0-1]

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	0.15	Vert(LL)	-0.01	9	n/r	120	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	-0.02	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	8	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R							Weight: 64 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
WEDGE
Left: 2x4 DF Stud/Std, Right: 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.

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

REACTIONS. All bearings 13-0-0.
(lb) - Max Horz 2=-84(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8, 13, 14, 11, 10
Max Grav All reactions 250 lb or less at joint(s) 12, 13, 14, 11, 10 except 2=315(LC 1), 8=315(LC 1)

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=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) -1-7-0 to 1-5-0, Exterior(2) 1-5-0 to 6-6-0, Corner(3) 6-6-0 to 9-6-0, Exterior(2) 9-6-0 to 14-7-0 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) 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) 2, 8, 13, 14, 11, 10.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Park Place L5 B7(RP2/15)
B0252-19	C2	Common	2	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:26 2019 Page 1
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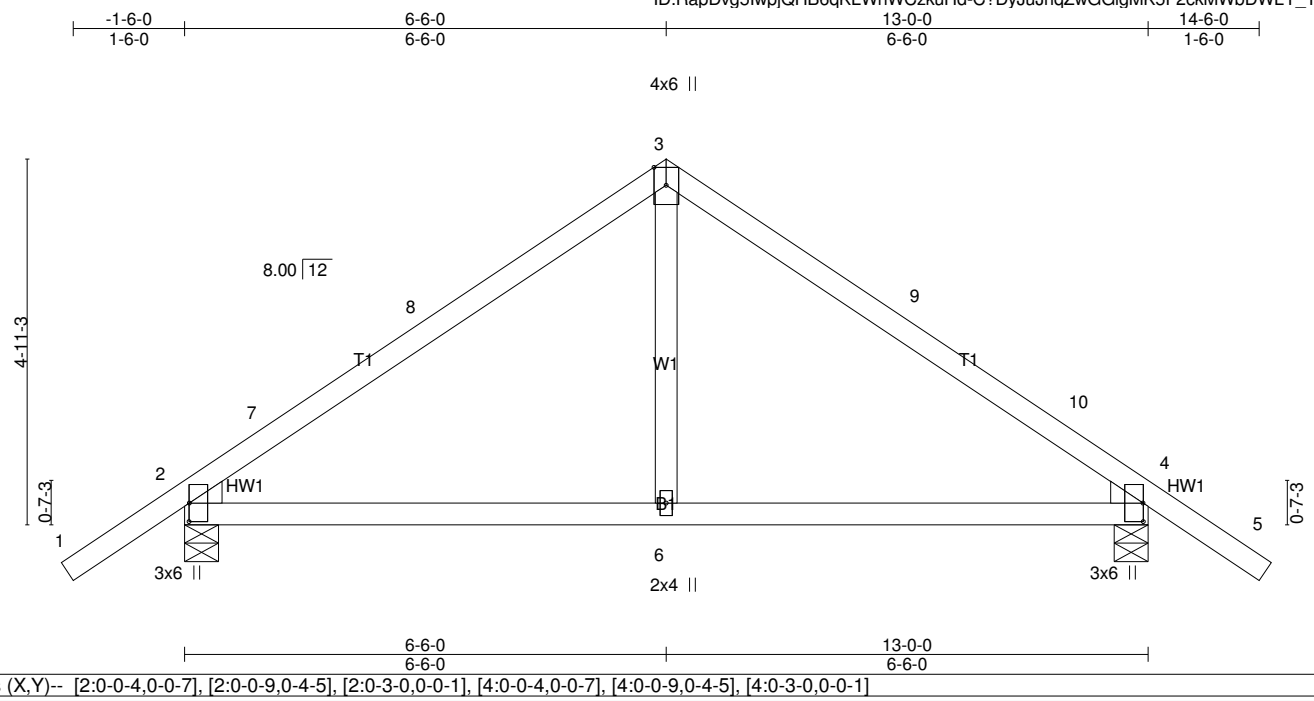

Plate Offsets (X,Y)-- [2:0-0-4,0-0-7], [2:0-0-9,0-4-5], [2:0-3-0,0-0-1], [4:0-0-4,0-0-7], [4:0-0-9,0-4-5], [4:0-3-0,0-0-1]

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	0.41	Vert(LL)	-0.04	4-6	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.29	Vert(CT)	-0.07	4-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.01	4	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	-0.02	4-6	>999	240	Weight: 51 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
WEDGE
Left: 2x4 DF Stud/Std, Right: 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.

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

REACTIONS. (lb/size) 2=795/0-5-8 (min. 0-1-8), 4=795/0-5-8 (min. 0-1-8)
Max Horz 2=-84(LC 10)
Max Uplift2=-83(LC 12), 4=-83(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-763/55, 7-8=-615/67, 3-8=-596/83, 3-9=-596/83, 9-10=-615/67, 4-10=-763/55
BOT CHORD 2-6=0/496, 4-6=0/496
WEBS 3-6=0/262

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) -1-7-0 to 1-5-0, Interior(1) 1-5-0 to 6-6-0, Exterior(2) 6-6-0 to 9-6-0, Interior(1) 9-6-0 to 14-7-0 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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
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	Park Place L5 B7(RP2/15)
B0252-19	D1G	Common Structural Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:27 2019 Page 1
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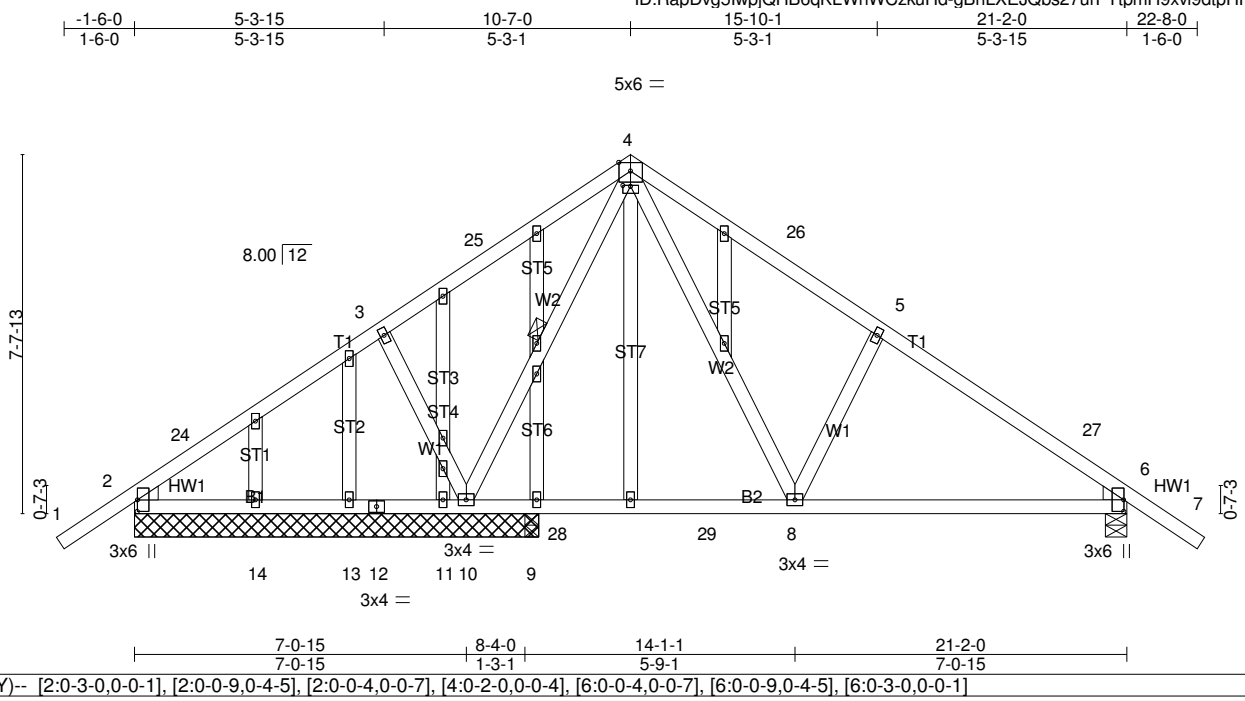

Plate Offsets (X,Y)-- [2:0-3-0,0-0-1], [2:0-0-9,0-4-5], [2:0-0-4,0-0-7], [4:0-2-0,0-0-4], [6:0-0-4,0-0-7], [6:0-0-9,0-4-5], [6:0-3-0,0-0-1]

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	0.29	Vert(LL)	-0.05	6-8	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.21	Vert(CT)	-0.09	6-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.01	6	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	-0.02	6-8	>999	240	Weight: 135 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
WEDGE
Left: 2x4 DF Stud/Std, Right: 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 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-10

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

REACTIONS. All bearings 8-7-8 except (jt=length) 6=0-5-8, 9=0-3-8, 9=0-3-8.
(lb) - Max Horz 2=-127(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6 except 10=-137(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 11, 13, 14, 9, 9 except 2=423(LC 21), 10=936(LC 1), 6=839(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-24=-269/20, 4-26=-512/124, 5-26=-638/110, 5-27=-720/80, 6-27=-841/57
BOT CHORD 6-8=0/575
WEBS 4-8=-57/486, 5-8=-368/117, 4-10=-719/53, 3-10=-406/124

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) -1-7-0 to 1-5-0, Interior(1) 1-5-0 to 10-7-0, Exterior(2) 10-7-0 to 13-7-0, Interior(1) 13-7-0 to 22-9-0 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, 6 except (jt=lb) 10=137.
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	Park Place L5 B7(RP2/15)
B0252-19	D2GD	Common Girder	1	2	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:29 2019 Page 1
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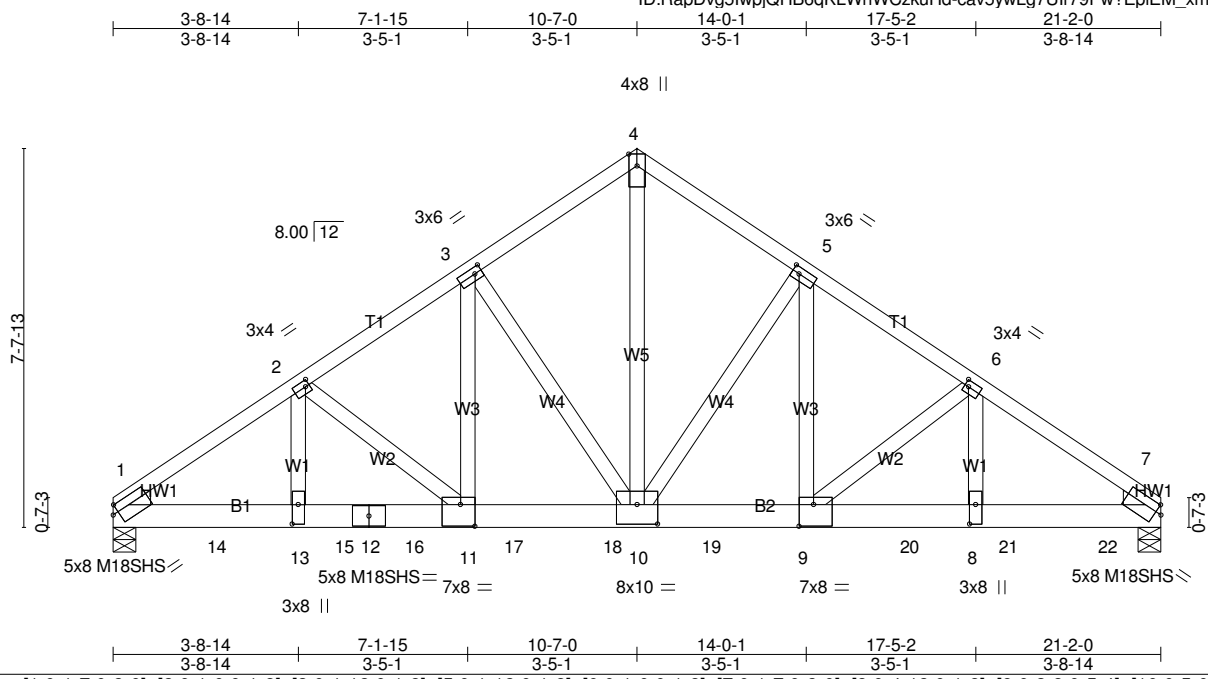

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Plate Offsets (X,Y)-- [1:0-1-7,0-2-0], [2:0-1-0,0-1-8], [3:0-1-12,0-1-8], [5:0-1-12,0-1-8], [6:0-1-0,0-1-8], [7:0-1-7,0-2-0], [8:0-4-12,0-1-8], [9:0-3-8,0-5-4], [10:0-5-0,0-4-12], [11:0-3-8,0-5-4], [13:0-4-12,0-1-8]

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	0.73	Vert(LL)	-0.21	10-11	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.94	Vert(CT)	-0.30	10-11	>827	240	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.96	Horz(CT)	0.10	7	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.07	10-11	>999	240	Weight: 271 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 *Except*
W5: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
WEDGE
Left: 2x4 DF Stud/Std, Right: 2x4 DF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=9607/0-5-8 (min. 0-5-2), 7=10033/0-5-8 (min. 0-5-6)
Max Horz 1=113(LC 24)
Max Uplift1=-582(LC 8), 7=-609(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-14349/882, 2-3=-11731/753, 3-4=-9082/623, 4-5=-9081/623, 5-6=-11687/750, 6-7=-14125/869
BOT CHORD 1-14=-664/11360, 13-14=-664/11360, 13-15=-664/11360, 12-15=-664/11360, 12-16=-664/11360, 11-16=-664/11360, 11-17=-532/9684, 17-18=-532/9684, 10-18=-532/9684, 10-19=-530/9645, 9-19=-530/9645, 9-20=-654/11187, 8-20=-654/11187, 8-21=-654/11187, 21-22=-654/11187, 7-22=-654/11187
WEBS 4-10=-626/9591, 5-10=-3734/270, 5-9=-250/4283, 6-9=-1982/158, 6-8=-155/2968, 3-10=-3803/274, 3-11=-255/4361, 2-11=-2151/168, 2-13=-168/3195

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 0-4-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 6-8 2x4 - 1 row at 0-5-0 oc, member 2-13 2x4 - 1 row at 0-5-0 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=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); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) All plates are MT20 plates unless otherwise indicated.
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=582, 7=609.
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) 1801 lb down and 118 lb up at 2-0-12, 1801 lb down and 118 lb up at 4-0-12, 1801 lb down and 118 lb up at 6-0-12, 1801 lb down and 118 lb up at 8-0-12, 1801 lb down and 118 lb up at 10-0-12, 1801 lb down and 118 lb up at 12-0-12, 1801 lb down and 118 lb up at 14-0-12, 1801 lb down and 118 lb up at 16-0-12, and 1562 lb down and 104 lb up at 18-0-12, and 1555 lb down and 102 lb up at 20-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-4=-86, 4-7=-86, 1-7=-16
   Concentrated Loads (lb)
      Vert: 9=-1801(B) 14=-1801(B) 15=-1801(B) 16=-1801(B) 17=-1801(B) 18=-1801(B) 19=-1801(B) 20=-1801(B) 21=-1562(B) 22=-1555(B)

Job	Truss	Truss Type	Qty	Ply	Park Place L5 B7(RP2/15)
B0252-19	E1G	Common Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:31 2019 Page 1
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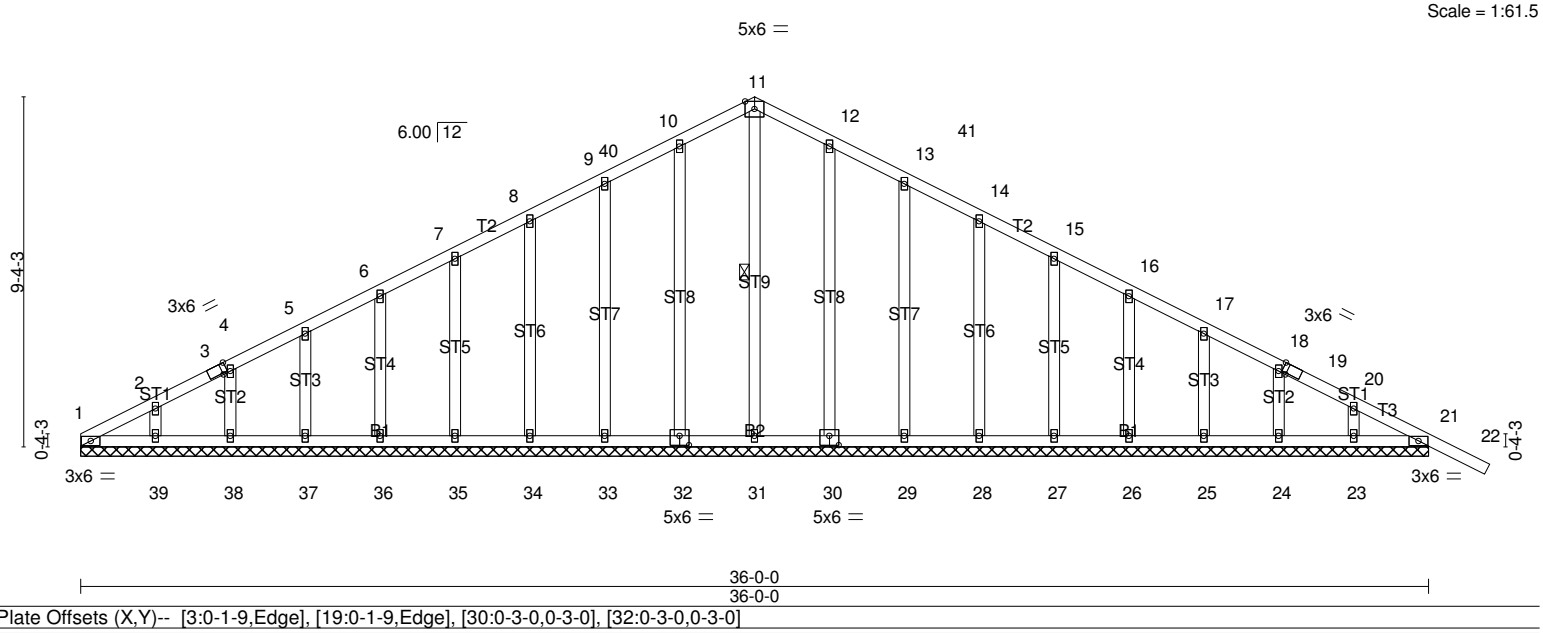
18-0-0 | 18-0-0 | 1-6-0

Scale = 1:61.5



36-0-0
36-0-0

Plate Offsets (X,Y)-- [3:0-1-9,Edge], [19:0-1-9,Edge], [30:0-3-0,0-3-0], [32:0-3-0,0-3-0]

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	0.15	Vert(LL)	-0.01	22	n/r	120	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	-0.02	22	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.00	21	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R							Weight: 211 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 11-31

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=-140(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 32, 33, 34, 35, 36, 37, 38, 39, 30, 29, 28, 27, 26, 25, 24, 23, 21
Max Grav All reactions 250 lb or less at joint(s) 1, 31, 32, 33, 34, 35, 36, 37, 38, 39, 30, 29, 28, 27, 26, 25, 24, 23 except 21=291(LC 1)

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=36ft; eave=2ft; Cat. II; Exp B; 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 37-6-13 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, 32, 33, 34, 35, 36, 37, 38, 39, 30, 29, 28, 27, 26, 25, 24, 23, 21.
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	Park Place L5 B7(RP2/15)
B0252-19	E2	Common	3	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:33 2019 Page 1
ID:RapDvg5IwpjQHB6qKLWhWCzkuHd-VL8coHOABipGcmiiE3thOC9fv2pGh1r7e3pjsnzksxS

6-4-5	12-2-3	18-0-0	23-9-13	29-7-11	36-0-0	37-6-0
6-4-5	5-9-13	5-9-13	5-9-13	5-9-13	6-4-5	1-6-0

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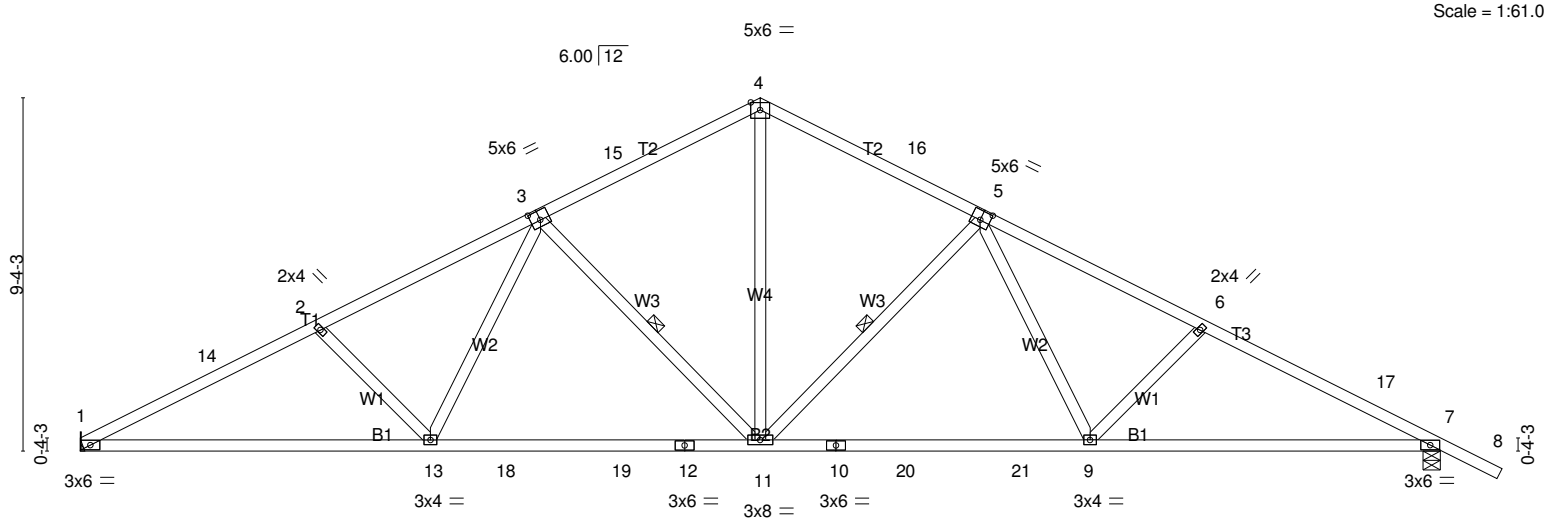


9-3-4	18-0-0	26-8-12	36-0-0
9-3-4	8-8-12	8-8-12	9-3-4

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

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	0.60	Vert(LL)	-0.27	9-11	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL 1.15	BC	0.66	Vert(CT)	-0.41	9-11	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.58	Horz(CT)	0.14	7	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014	Matrix-R		Wind(LL)	0.07	1-13	>999	240	Weight: 169 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 2-9-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-11, 3-11

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

REACTIONS. (lb/size) 1=1817/Mechanical, 7=1979/0-5-8 (min. 0-2-2)
Max Horz 1=-140(LC 10)
Max Uplift1=-102(LC 12), 7=-150(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-14=-3453/316, 2-14=-3336/329, 2-3=-3090/312, 3-15=-2156/263, 4-15=-2046/276, 4-16=-1952/269, 5-16=-2156/251, 5-6=-3029/283, 6-17=-3282/292, 7-17=-3393/270
BOT CHORD 1-13=-218/3003, 13-18=-115/2411, 18-19=-115/2411, 12-19=-115/2411, 11-12=-115/2411, 10-11=-120/2386, 10-20=-120/2386, 20-21=-120/2386, 9-21=-120/2386, 7-9=-194/2905
WEBS 4-11=-112/1308, 5-11=-832/132, 5-9=-2/534, 6-9=-443/107, 3-11=-864/136, 3-13=-26/592, 2-13=-501/133

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) 0-0-12 to 3-7-15, Interior(1) 3-7-15 to 18-0-0, Exterior(2) 18-0-0 to 21-7-3, Interior(1) 21-7-3 to 37-6-13 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) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=102, 7=150.
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

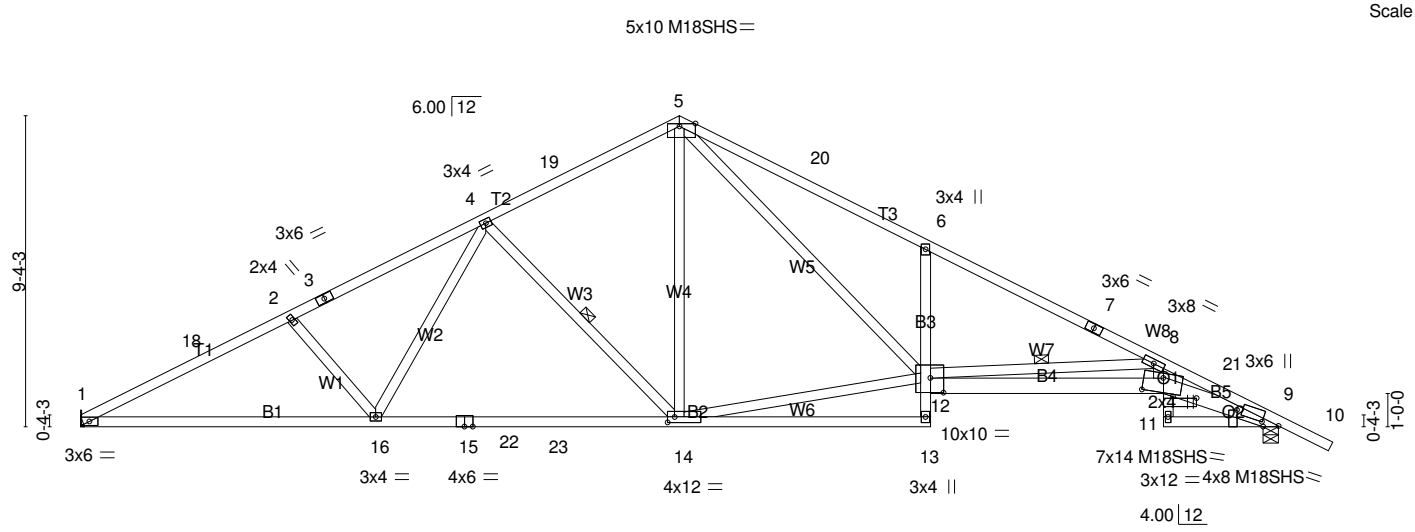
Job	Truss	Truss Type	Qty	Ply	Park Place L5 B7(RP2/15)
B0252-19	E3	Roof Special	5	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:34 2019 Page 1
ID:RapDvg5IwpjQHB6qKLWhWCzkuHd-zXi_?dPpy0x7DwHuonPwxQhoGR5hQQEGtjYGODzksxR

6-4-5	12-2-3	18-0-0	25-6-8	32-6-8	36-0-0	37-6-0
6-4-5	5-9-13	5-9-13	7-6-8	7-0-0	3-5-8	1-6-0

Scale = 1:69.2



8-10-8	18-0-0	25-6-8	32-6-8	36-0-0
8-10-8	9-1-8	7-6-8	7-0-0	3-5-8

Plate Offsets (X,Y)-- [5:0-5-12,Edge], [9:0-6-0,0-9-7], [9:0-6-1,0-0-8], [11:0-8-8,0-0-9], [11:0-7-0,0-5-4], [12:0-4-12,0-5-4], [14:0-2-8,0-2-0]

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	0.75	Vert(LL)	-0.52	11-12	>822	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.90	Vert(CT)	-0.77	11-12	>555	240	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.34	9	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.16	11-12	>999	240	Weight: 197 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,B5: 2x6 DF 2400F 2.0E
WEBS 2x4 DF Stud/Std
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 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-14, 8-12

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

REACTIONS. (lb/size) 1=1817/Mechanical, 9=1979/0-5-8 (min. 0-1-13)
Max Horz 1=-141(LC 10)
Max Uplift1=-102(LC 12), 9=-150(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-18=-3487/313, 2-18=-3346/326, 2-3=-3136/299, 3-4=-3014/319, 4-19=-2156/263, 5-19=-1955/277, 5-20=-3585/426, 6-20=-3731/413, 6-7=-3677/319, 7-8=-3755/300, 8-21=-6860/476, 9-21=-6920/466
BOT CHORD 1-16=-216/3011, 16-22=-114/2397, 15-22=-114/2397, 15-23=-114/2397, 14-23=-114/2397, 6-12=-675/175, 11-12=-377/5756, 9-11=-393/6250
WEBS 2-16=-495/134, 4-16=-34/643, 4-14=-856/134, 5-14=-23/584, 12-14=-42/1750, 5-12=-218/2011, 8-12=-2482/200, 8-11=-25/1523

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) 0-0-12 to 3-7-15, Interior(1) 3-7-15 to 18-0-0, Exterior(2) 18-0-0 to 21-7-3, Interior(1) 21-7-3 to 37-6-13 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) 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) Refer to girder(s) for truss to truss connections.
7) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=102, 9=150.
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	Park Place L5 B7(RP2/15)
B0252-19	F1	Roof Special	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:35 2019 Page 1
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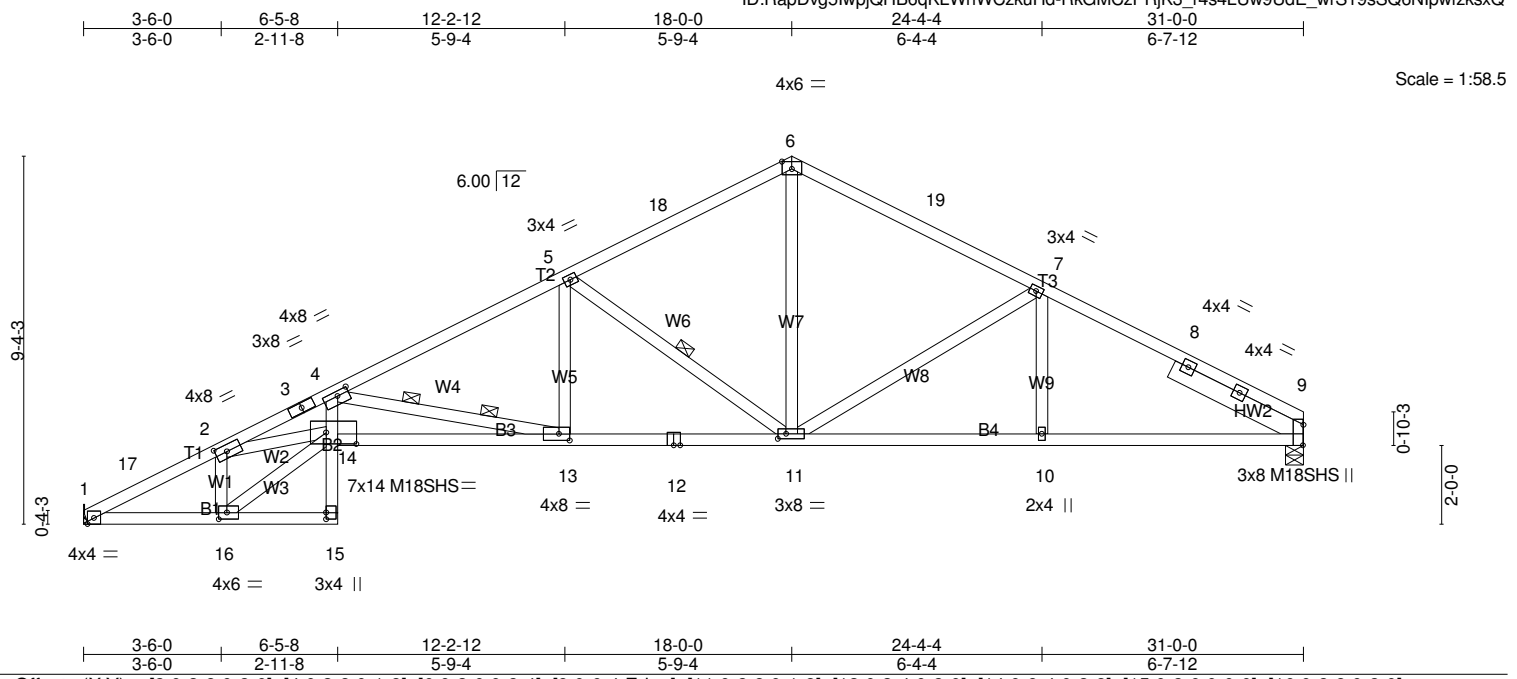

Plate Offsets (X,Y)-- [2:0-3-8,0-2-0], [4:0-3-8,0-1-8], [6:0-3-0,0-2-4], [9:0-6-4,Edge], [11:0-2-8,0-1-8], [13:0-3-4,0-2-0], [14:0-9-4,0-3-8], [15:0-2-0,0-0-0], [16:0-2-8,0-2-0]

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	0.69	Vert(LL)	-0.58	13-14	>635	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.89	Vert(CT)	-0.86	13-14	>431	240	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.39	9	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.19	13-14	>999	240	Weight: 157 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 2400F 2.0E
WEBS 2x4 DF Stud/Std *Except*
W3,W2: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
SLIDER Right 2x6 DF 1800F 1.6E 3-8-13

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-0-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-11
2 Rows at 1/3 pts 4-13

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

REACTIONS. (lb/size) 9=1578/0-5-8 (min. 0-1-11), 1=1578/Mechanical
Max Horz 1=113(LC 11)
Max Uplift9=-91(LC 12), 1=-88(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-17=-3117/274, 2-17=-2981/275, 2-3=-7554/645, 3-4=-7466/655, 4-5=-3313/308, 5-18=-2052/227, 6-18=-1852/246, 6-19=-1929/247, 7-19=-2055/225, 7-8=-2503/249, 8-9=-2622/231
BOT CHORD 1-16=-257/2711, 15-16=-30/287, 4-14=-180/2461, 13-14=-588/7006, 12-13=-193/2898, 11-12=-193/2898, 10-11=-142/2179, 9-10=-142/2179
WEBS 2-16=-1843/201, 14-16=-283/3028, 4-13=-4190/408, 5-13=-28/876, 5-11=-1430/163, 6-11=-90/1190, 7-11=-614/92, 2-14=-305/3992

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=31ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-0-12 to 3-1-15, Interior(1) 3-1-15 to 18-0-0, Exterior(2) 18-0-0 to 21-1-3, Interior(1) 21-1-3 to 31-0-0 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 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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9, 1.
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	Park Place L5 B7(RP2/15)
B0252-19	F2	ROOF SPECIAL	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:36 2019 Page 1
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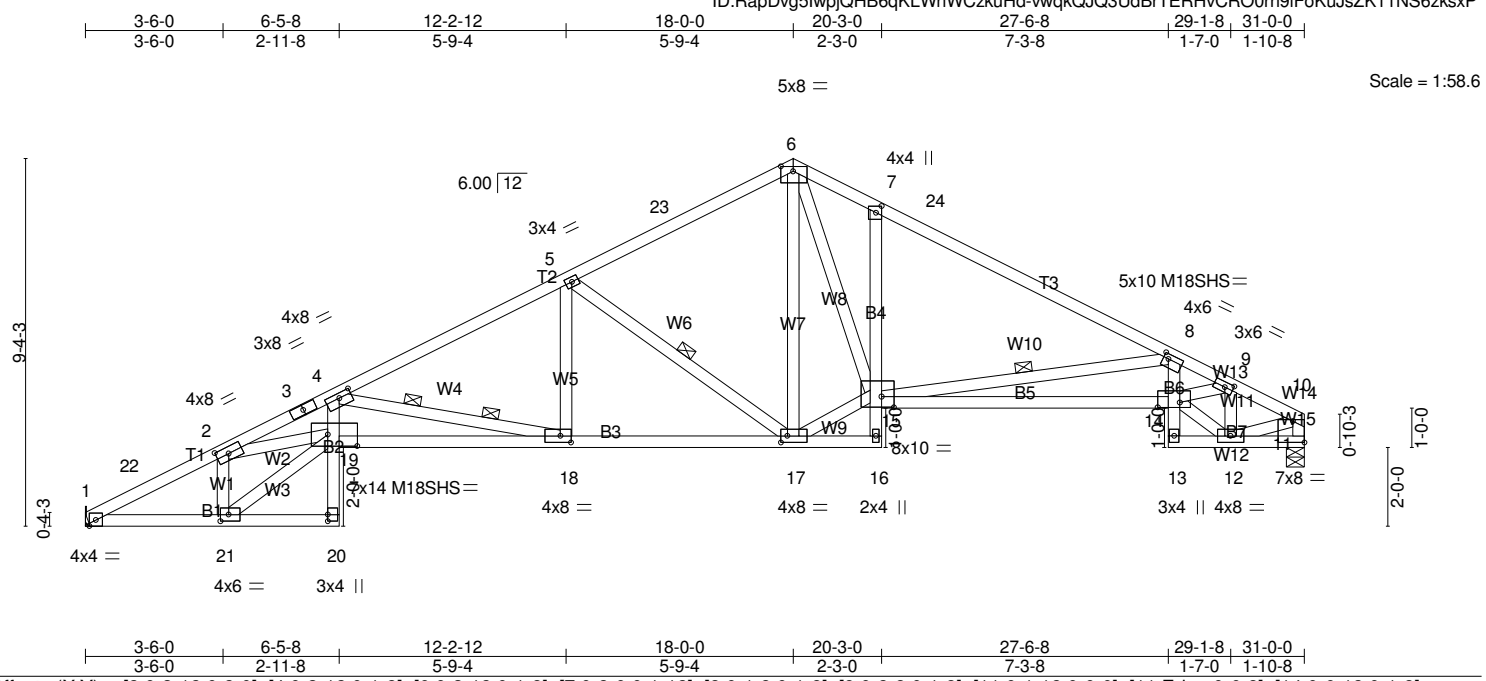

Plate Offsets (X,Y)-- [2:0-3-12,0-2-0], [4:0-3-12,0-1-8], [6:0-3-12,0-1-8], [7:0-2-0,0-1-12], [8:0-1-8,0-1-8], [9:0-2-8,0-1-8], [11:0-1-12,0-0-0], [11:Edge,0-6-8], [14:0-6-12,0-1-8], [15:0-3-12,0-3-4], [17:0-2-0,0-2-0], [18:0-3-4,0-2-0], [19:0-9-0,0-3-8], [20:0-2-0,0-0-0], [21:0-2-8,0-2-0]

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	0.69	Vert(LL)	-0.61	18-19	>608	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.89	Vert(CT)	-0.90	18-19	>413	240	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.53	11	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.20	18-19	>999	240	Weight: 174 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 2400F 2.0E
WEBS 2x4 DF Stud/Std *Except*
W3,W11,W2: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-0-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 16-17.
WEBS 1 Row at midpt 5-17, 8-15
2 Rows at 1/3 pts 4-18

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

REACTIONS. (lb/size) 1=1570/Mechanical, 11=1570/0-5-8 (min. 0-1-11)
Max Horz 1=122(LC 11)
Max Uplift1=-87(LC 12), 11=-91(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-22=-3102/273, 2-22=-2965/274, 2-3=-7508/656, 3-4=-7419/660, 4-5=-3297/308, 5-23=-2019/227, 6-23=-1895/243, 6-7=-2536/310, 7-24=-2456/272, 8-24=-2719/257, 8-9=-4361/407, 9-10=-1912/187, 10-11=-1463/154
BOT CHORD 1-21=-255/2698, 20-21=-30/284, 4-19=-183/2446, 18-19=-622/6947, 17-18=-228/2888, 7-15=-485/129, 14-15=-391/4315, 8-14=-5/668, 12-13=-65/361, 11-12=-41/306
WEBS 2-21=-1834/201, 19-21=-283/3015, 4-18=-4140/402, 5-18=-24/873, 5-17=-1469/172, 6-17=-76/272, 15-17=-34/1776, 6-15=-142/1623, 8-15=-2031/253, 12-14=-112/1623, 9-14=-193/2332, 9-12=-1666/150, 10-12=-119/1418, 2-19=-344/3963

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=31ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-0-12 to 3-1-15, Interior(1) 3-1-15 to 18-0-0, Exterior(2) 18-0-0 to 21-1-3, Interior(1) 21-1-3 to 30-10-4 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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 11.
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	Park Place L5 B7(RP2/15)
B0252-19	F3	ROOF SPECIAL	4	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:38 2019 Page 1
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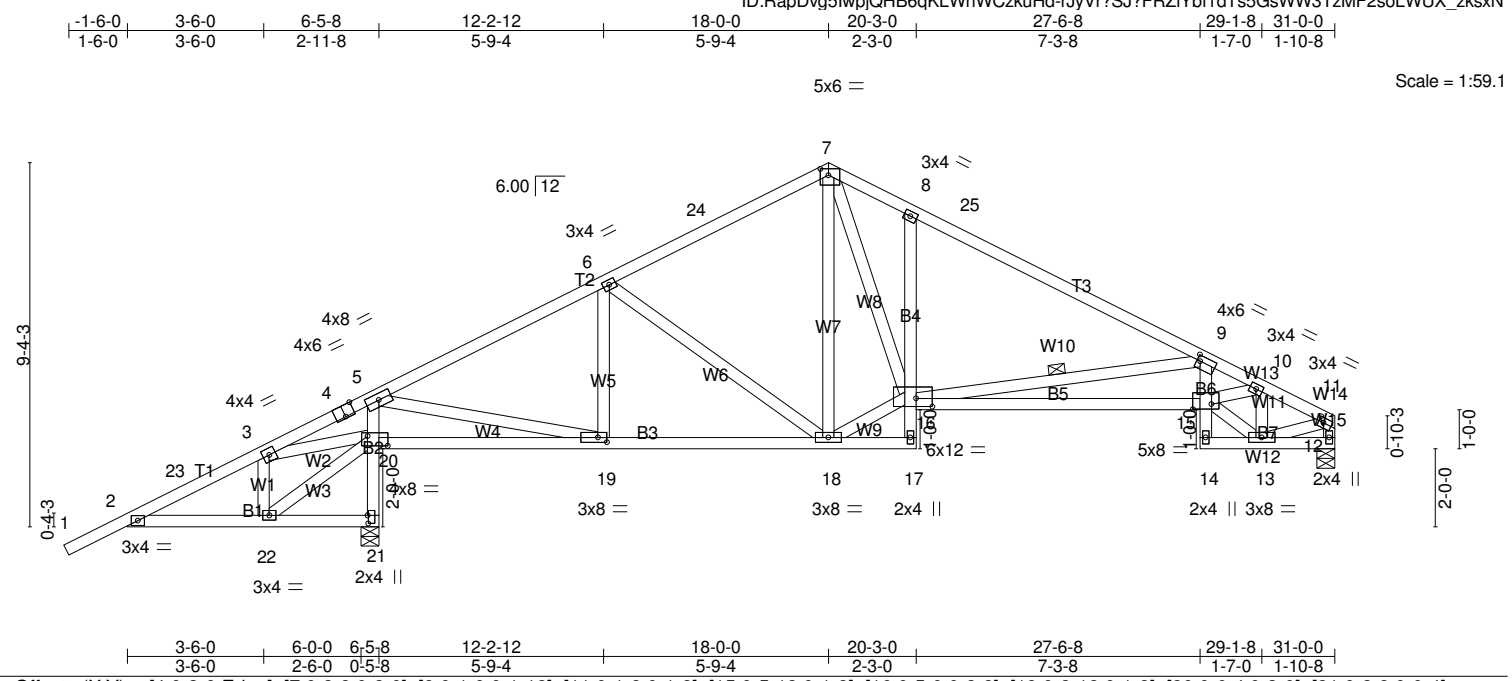

Plate Offsets (X,Y)-- [4:0-3-0,Edge], [7:0-2-8,0-2-0], [9:0-1-0,0-1-12], [11:0-1-8,0-1-8], [15:0-5-12,0-1-8], [16:0-5-0,0-2-8], [19:0-2-12,0-1-8], [20:0-6-4,0-3-0], [21:0-2-8,0-0-4]

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	0.61	Vert(LL)	-0.18	15-16	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.94	Vert(CT)	-0.29	15-16	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.09	12	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.05	15-16	>999	240	Weight: 176 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: 2x4 DF Stud/Std
WEBS 2x4 DF Stud/Std *Except*
W4: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-5-1 oc bracing.
WEBS 1 Row at midpt 9-16

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

REACTIONS. (lb/size) 21=2152/0-5-8 (min. 0-2-5), 12=1130/0-5-8 (min. 0-1-8)
Max Horz 21=130(LC 11)
Max Uplift21=-273(LC 12), 12=-44(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-23=-347/692, 3-23=-339/768, 3-4=-1237/2756, 4-5=-1228/2786, 5-6=-1083/7, 6-24=-1121/106, 7-24=-1007/118, 7-8=-1476/167, 8-25=-1393/128, 9-25=-1656/114, 9-10=-3019/226, 10-11=-1357/112, 11-12=-1051/98
BOT CHORD 2-22=-629/373, 20-21=-2150/455, 5-20=-2714/777, 19-20=-2270/1117, 18-19=0/860, 8-16=-481/127, 15-16=-226/3087, 9-15=0/488, 13-14=-52/268
WEBS 3-22=-276/482, 20-22=-675/330, 5-19=-951/3178, 6-19=-542/235, 7-18=-340/40, 16-18=0/959, 7-16=-63/1166, 9-16=-1753/216, 13-15=-45/1123, 10-15=-95/1603, 10-13=-1147/81, 11-13=-60/983, 3-20=-1806/831

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=31ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-13 to 1-6-7, Interior(1) 1-6-7 to 18-0-0, Exterior(2) 18-0-0 to 21-1-3, Interior(1) 21-1-3 to 30-10-4 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12 except (jt=lb) 21=273.
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	Park Place L5 B7(RP2/15)
B0252-19	G1	ROOF SPECIAL	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:39 2019 Page 1
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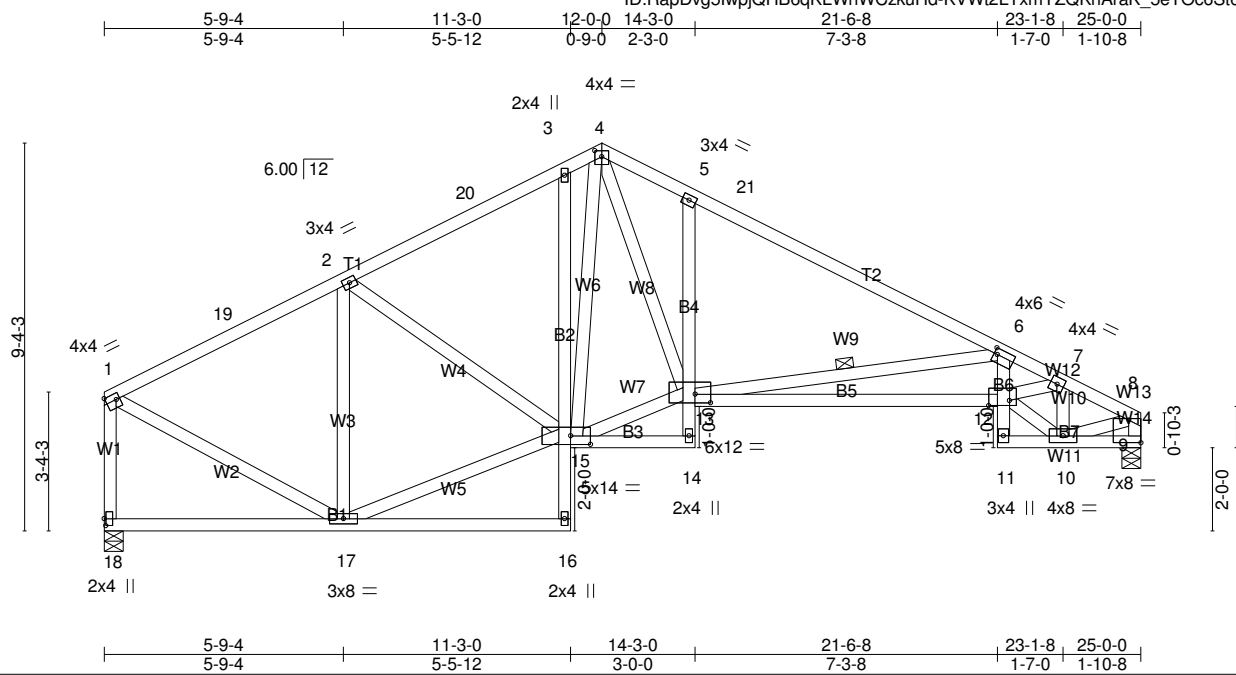

Plate Offsets (X,Y)-- [1:Edge,0-1-12], [4:0-2-0,0-1-12], [6:0-1-0,0-1-12], [9:0-1-12,0-0-0], [9:Edge,0-6-8], [12:0-6-0,0-1-8], [13:0-4-8,0-2-8], [15:0-5-12,0-2-8], [18:0-2-0,0-0-8]

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	0.93	Vert(LL)	-0.19	12-13	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.63	Vert(CT)	-0.31	12-13	>949	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.17	9	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.06	12-13	>999	240	Weight: 168 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: 2x4 DF Stud/Std
WEBS 2x4 DF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 14-15.
WEBS 1 Row at midpt 6-13

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

REACTIONS. (lb/size) 18=1260/0-5-8 (min. 0-1-8), 9=1260/0-5-8 (min. 0-1-8)
Max Horz 18=-145(LC 10)
Max Uplift18=-70(LC 12), 9=-72(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-19=-1185/130, 2-19=-1070/141, 2-20=-1433/187, 3-20=-1309/196, 3-4=-1378/248, 4-5=-1842/271, 5-21=-1710/215, 6-21=-1972/201, 6-7=-3413/334, 7-8=-1522/157, 1-18=-1207/151, 8-9=-1173/132
BOT CHORD 3-15=-346/118, 5-13=-509/150, 12-13=-324/3444, 6-12=0/542, 10-11=-60/296
WEBS 2-17=-769/110, 15-17=-91/995, 2-15=0/287, 4-15=-129/350, 13-15=-2/1142, 4-13=-129/1290, 6-13=-1826/236, 10-12=-86/1271, 7-12=-153/1812, 7-10=-1301/123, 1-17=-79/1024, 8-10=-96/1115

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=25ft; eave=4ft; Cat. II; Exp B; 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 24-10-4 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 9.
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	Park Place L5 B7(RP2/15)
B0252-19	G2	ROOF SPECIAL	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:40 2019 Page 1
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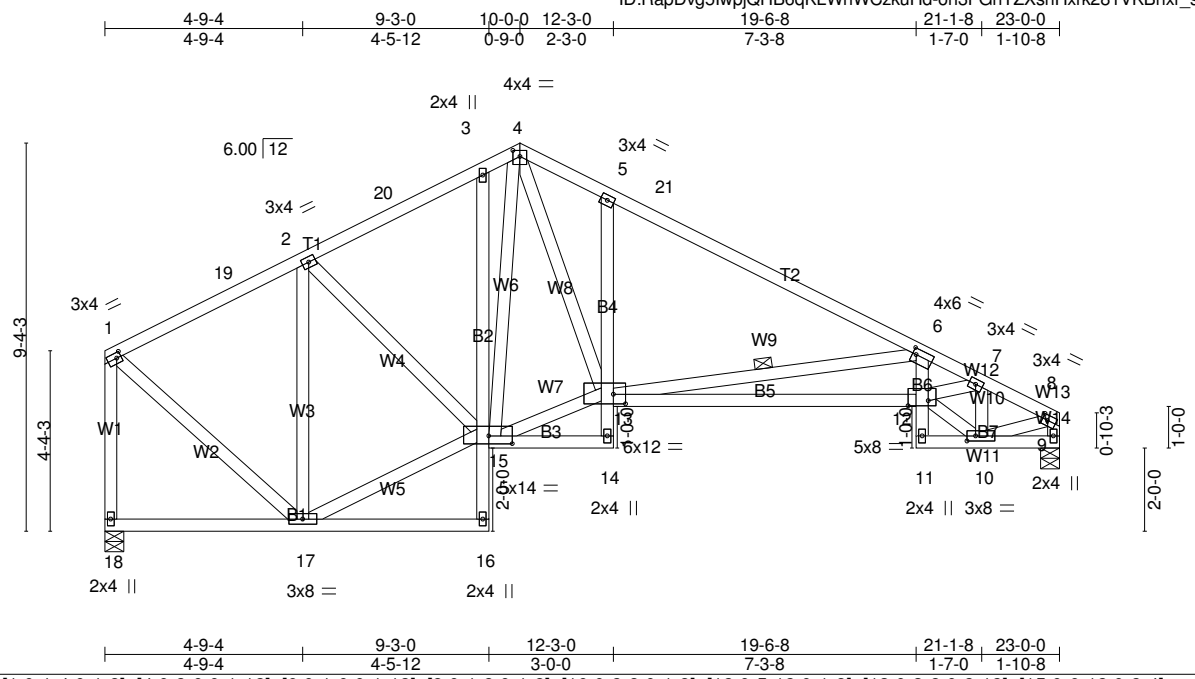

Plate Offsets (X,Y)-- [1:0-1-4,0-1-8], [4:0-2-0,0-1-12], [6:0-1-0,0-1-12], [8:0-1-8,0-1-8], [10:0-2-8,0-1-8], [12:0-5-12,0-1-8], [13:0-3-8,0-2-12], [15:0-6-12,0-2-4]

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	0.67	Vert(LL)	-0.17	12-13	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.28	12-13	>966	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.16	9	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.06	12-13	>999	240	Weight: 162 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: 2x4 DF Stud/Std
WEBS 2x4 DF Stud/Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 14-15.
WEBS 1 Row at midpt 6-13

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

REACTIONS. (lb/size) 18=1158/0-5-8 (min. 0-1-8), 9=1158/0-5-8 (min. 0-1-8)
Max Horz 18=-160(LC 10)
Max Uplift18=-65(LC 12), 9=-66(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-19=-856/115, 2-19=-696/131, 2-20=-1168/172, 3-20=-1077/180, 3-4=-1123/224, 4-5=-1601/253, 5-21=-1464/197, 6-21=-1726/183, 6-7=-3104/312, 7-8=-1393/147, 1-18=-1114/145, 8-9=-1078/125
BOT CHORD 3-15=-275/96, 5-13=-513/151, 12-13=-303/3159, 6-12=0/500, 10-11=-59/273
WEBS 2-17=-830/106, 15-17=-63/734, 2-15=0/387, 13-15=0/951, 4-13=-121/1219, 6-13=-1762/231, 10-12=-77/1156, 7-12=-141/1647, 7-10=-1182/114, 1-17=-87/880, 8-10=-89/1012

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) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 10-0-0, Exterior(2) 10-0-0 to 13-0-0, Interior(1) 13-0-0 to 22-10-4 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 9.
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	Park Place L5 B7(RP2/15)
B0252-19	G3	ROOF SPECIAL	2	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:42 2019 Page 1
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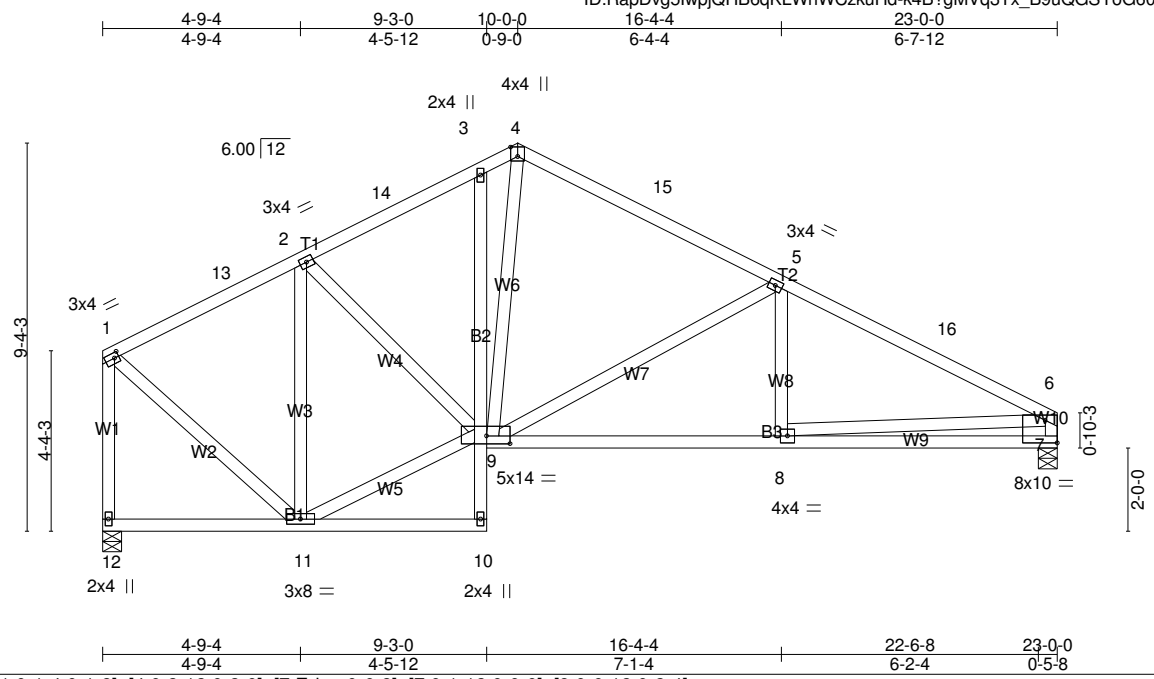

Plate Offsets (X,Y)-- [1:0-1-4,0-1-8], [4:0-2-12,0-2-0], [7:Edge,0-6-8], [7:0-1-12,0-0-0], [9:0-6-12,0-2-4]

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	0.66	Vert(LL)	-0.07	8-9	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL 1.15	BC	0.39	Vert(CT)	-0.13	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.74	Horz(CT)	0.04	7	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014	Matrix-R		Wind(LL)	0.02	8-9	>999	240	Weight: 146 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: 2x4 DF Stud/Std
WEBS 2x4 DF Stud/Std *Except*
W10: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 10-11.

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

REACTIONS. (lb/size) 12=1158/0-5-8 (min. 0-1-8), 7=1158/0-5-8 (min. 0-1-8)
Max Horz 12=-160(LC 10)
Max Uplift12=-65(LC 12), 7=-66(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-13=-857/115, 2-13=-697/130, 2-14=-1176/169, 3-14=-1082/177, 3-4=-982/189, 4-15=-1021/180, 5-15=-1150/158, 5-16=-1654/184, 6-16=-1779/171, 1-12=-1115/145, 6-7=-1101/150
BOT CHORD 8-9=-112/1479, 7-8=-115/618
WEBS 2-11=-844/102, 9-11=-53/771, 2-9=0/392, 4-9=-64/478, 5-9=-667/95, 6-8=-5/865, 1-11=-87/882

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) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 10-0-0, Exterior(2) 10-0-0 to 13-0-0, Interior(1) 13-0-0 to 22-10-4 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 7.
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	Park Place L5 B7(RP2/15)
B0252-19	H1	Common	3	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:43 2019 Page 1
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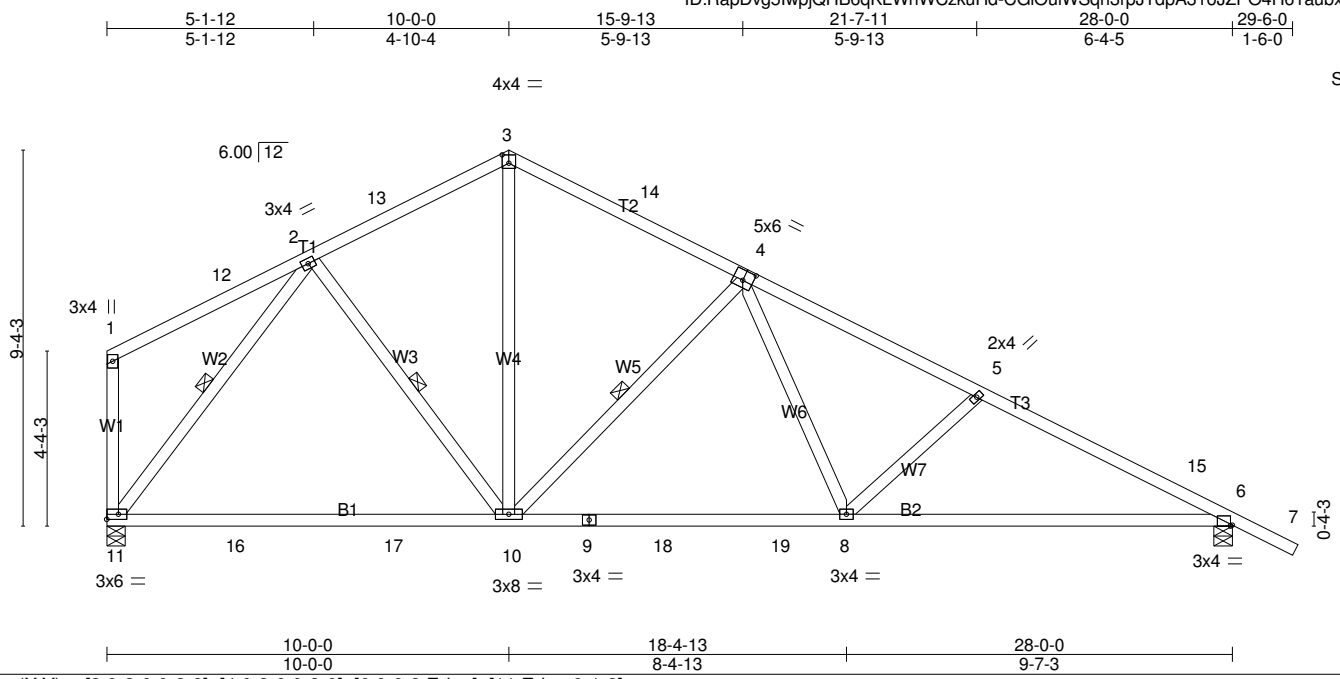

Plate Offsets (X,Y)-- [3:0-2-0,0-2-8], [4:0-3-0,0-3-0], [6:0-0-8,Edge], [11:Edge,0-1-8]

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	0.40	Vert(LL)	-0.21	10-11	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.50	Vert(CT)	-0.36	10-11	>925	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.06	6	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.03	8	>999	240	Weight: 147 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*
W1: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-10, 4-10, 2-11

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

REACTIONS. (lb/size) 11=1404/0-5-8 (min. 0-1-8), 6=1568/0-5-8 (min. 0-1-11)
Max Horz 11=-188(LC 10)
Max Uplift11=-79(LC 12), 6=-126(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-1229/174, 3-13=-1058/186, 3-14=-1139/193, 4-14=-1254/174, 4-5=-2110/201, 5-15=-2396/214, 6-15=-2505/193
BOT CHORD 11-16=0/876, 16-17=0/876, 10-17=0/876, 9-10=-30/1590, 9-18=-30/1590, 18-19=-30/1590, 8-19=-30/1590, 6-8=-112/2121
WEBS 2-10=-15/363, 3-10=-55/563, 4-10=-839/132, 4-8=-3/512, 5-8=-465/110, 2-11=-1353/171

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=28ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 10-0-0, Exterior(2) 10-0-0 to 13-0-0, Interior(1) 13-0-0 to 29-6-13 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) 11 except (jt=lb) 6=126.
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	Park Place L5 B7(RP2/15)
B0252-19	H2	Roof Special	3	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

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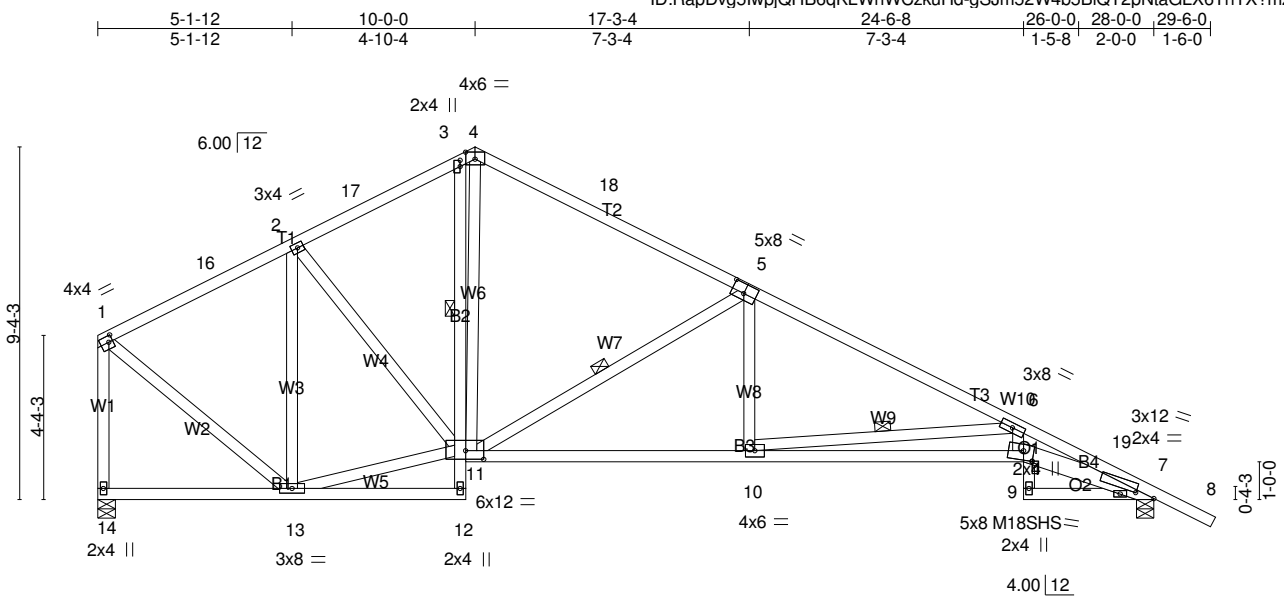

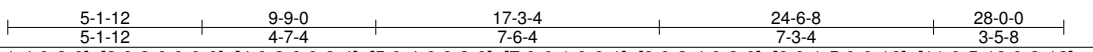

Plate Offsets (X,Y)-- [1:0-1-4,0-2-0], [3:0-2-0,0-0-0], [4:0-3-0,0-2-4], [5:0-4-0,0-3-0], [7:0-6-1,0-0-1], [9:0-3-4,0-3-0], [9:0-1-5,0-0-12], [11:0-5-12,0-2-12]

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	0.88	Vert(LL)	-0.44	9-10	>762	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.84	Vert(CT)	-0.66	9-10	>505	240	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.26	7	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.13	9-10	>999	240	Weight: 177 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: 2x4 DF Stud/Std, B3: 2x4 DF 2400F 2.0E, B4: 2x6 DF 1800F 1.6E
WEBS	2x4 DF Stud/Std
OTHERS	2x4 DF Stud/Std

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-6-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 12-13.
	1 Row at midpt 3-11
WEBS	1 Row at midpt 5-11, 6-10

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

REACTIONS. (lb/size) 14=1404/0-5-8 (min. 0-1-8), 7=1568/0-5-8 (min. 0-1-9)
Max Horz 14=-188(LC 10)
Max Uplift14=-79(LC 12), 7=-126(LC 12)

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

TOP CHORD	1-16=-1095/138, 2-16=-979/147, 2-17=-1349/171, 3-17=-1255/180, 3-4=-1026/167, 4-18=-1228/184, 5-18=-1389/159, 5-6=-2548/204, 6-19=-5703/329, 7-19=-5768/320, 1-14=-1355/165
BOT CHORD	3-11=-102/473, 10-11=-58/2193, 9-10=-251/4743, 7-9=-263/5232
WEBS	2-13=-831/98, 11-13=0/859, 2-11=0/407, 5-11=-1255/140, 5-10=0/486, 6-10=-2559/195, 1-13=-99/1107, 4-11=-9/421, 6-9=-12/1523

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=28ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 10-0-0, Exterior(2) 10-0-0 to 13-0-0, Interior(1) 13-0-0 to 29-6-13 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) 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) 7 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) 14 except (jt=lb) 7=126.
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	Park Place L5 B7(RP2/15)
B0252-19	H3G	Hip Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 — Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:45 2019 Page 1
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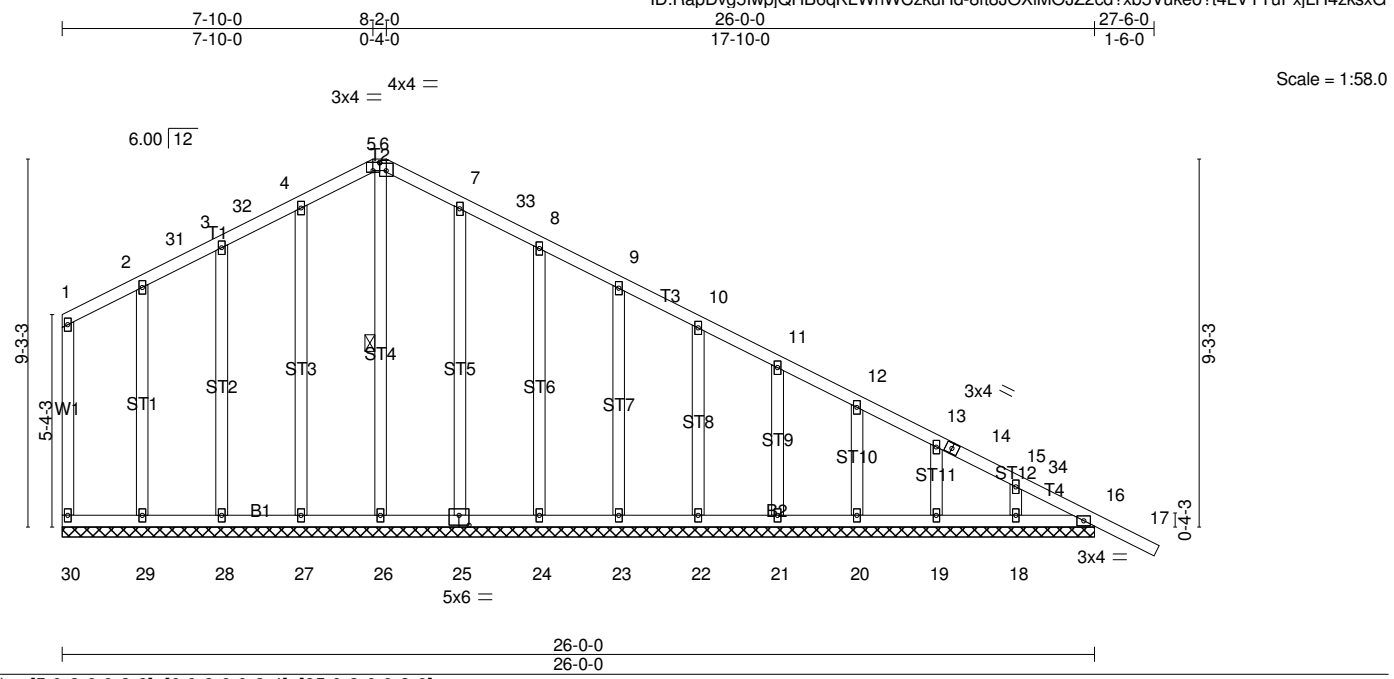

Plate Offsets (X,Y)-- [5:0-2-0,0-2-8], [6:0-2-0,0-2-4], [25:0-3-0,0-3-0]

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	0.20	Vert(LL)	-0.01	17	n/r	120	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	-0.02	17	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.01	16	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R							Weight: 170 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, and 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-26

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

REACTIONS. All bearings 26-0-0.
(lb) - Max Horz 30=-199(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 30, 26, 27, 28, 29, 25, 24, 23, 22, 21, 20, 19, 18, 16
Max Grav All reactions 250 lb or less at joint(s) 30, 26, 27, 28, 29, 25, 24, 23, 22, 21, 20, 19, 18 except 16=285(LC 1)

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) and C-C Corner(3) 0-1-12 to 3-1-12, Exterior(2) 3-1-12 to 7-10-0, Corner(3) 7-10-0 to 11-2-0, Exterior(2) 11-2-0 to 27-6-13 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) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
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) 30, 26, 27, 28, 29, 25 , 24, 23, 22, 21, 20, 19, 18, 16.
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	Park Place L5 B7(RP2/15)
B0252-19	M1	Monopitch Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:47 2019 Page 1
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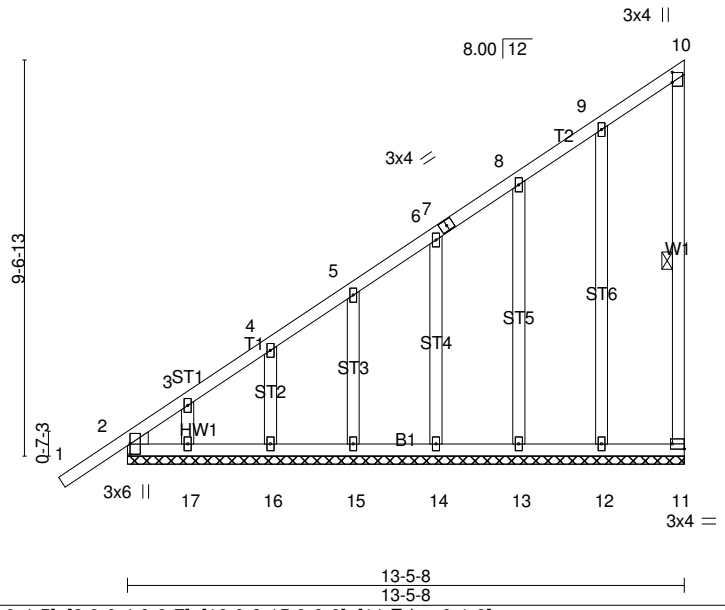

Plate Offsets (X,Y)-- [2:0-3-0,0-0-1], [2:0-0-9,0-4-5], [2:0-0-4,0-0-7], [10:0-2-15,0-0-0], [11:Edge,0-1-8]

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	0.76	Vert(LL)	0.00	1	n/r	120	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.22	Vert(CT)	-0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.23	Horz(CT)	0.00	11	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R							Weight: 91 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
WEDGE
Left: 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 10-11

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

REACTIONS. All bearings 13-5-8.
(lb) - Max Horz 2=259(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 11, 2, 12, 13, 14, 15, 16, 17
Max Grav All reactions 250 lb or less at joint(s) 11, 12, 13, 14, 15, 16, 17 except 2=296(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-427/405, 3-4=-353/346, 4-5=-303/303, 5-6=-257/266

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) -1-7-0 to 1-5-8, Exterior(2) 1-5-8 to 13-3-12 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) 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) 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 2, 12, 13, 14, 15, 16, 17.
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	Park Place L5 B7(RP2/15)
B0252-19	M2	Roof Special	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:48 2019 Page 1
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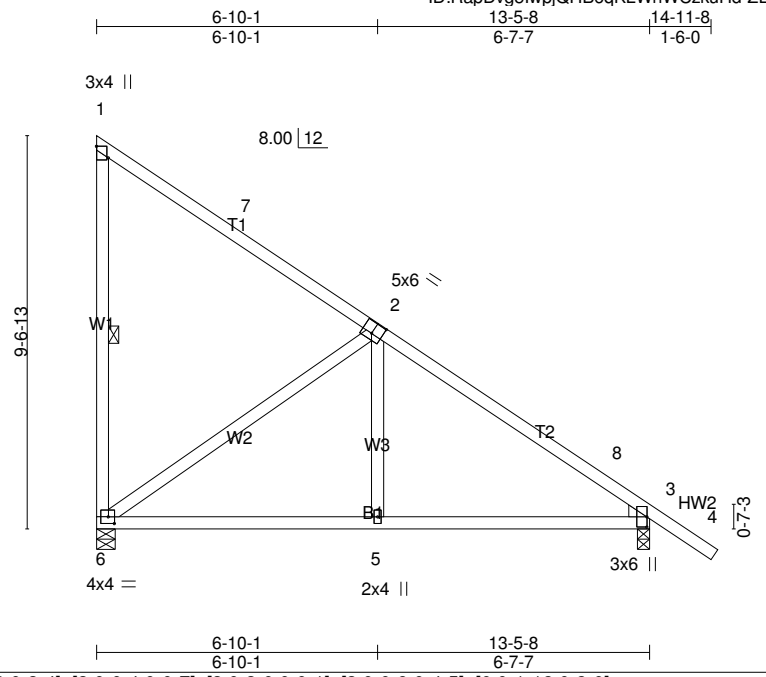

Plate Offsets (X,Y)-- [1:Edge,0-3-8], [2:0-3-0,0-3-4], [3:0-0-4,0-0-7], [3:0-3-0,0-0-1], [3:0-0-9,0-4-5], [6:0-1-12,0-2-0]

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	0.94	Vert(LL)	-0.04	5-6	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.29	Vert(CT)	-0.07	3-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.01	3	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	-0.05	5-6	>999	240	Weight: 72 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
WEDGE
Right: 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 1-6

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

REACTIONS. (lb/size) 6=662/0-5-8 (min. 0-1-8), 3=830/0-3-8 (min. 0-1-8)
Max Horz 6=-259(LC 8)
Max Uplift6=-80(LC 8), 3=-71(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-638/93, 3-8=-828/64
BOT CHORD 5-6=0/549, 3-5=0/551
WEBS 2-6=-647/141, 2-5=0/274

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) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 15-0-8 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) 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, 3.
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	Park Place L5 B7(RP2/15)
B0252-19	M3	Monopitch Structural Gable	2	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401 Run: 8.230 s Aug 28 2018 Print: 8.230 s Aug 28 2018 MiTek Industries, Inc. Fri Feb 15 13:16:49 2019 Page 1
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1-6-0 | 6-7-8 | 5-10-0 | 1-5-4

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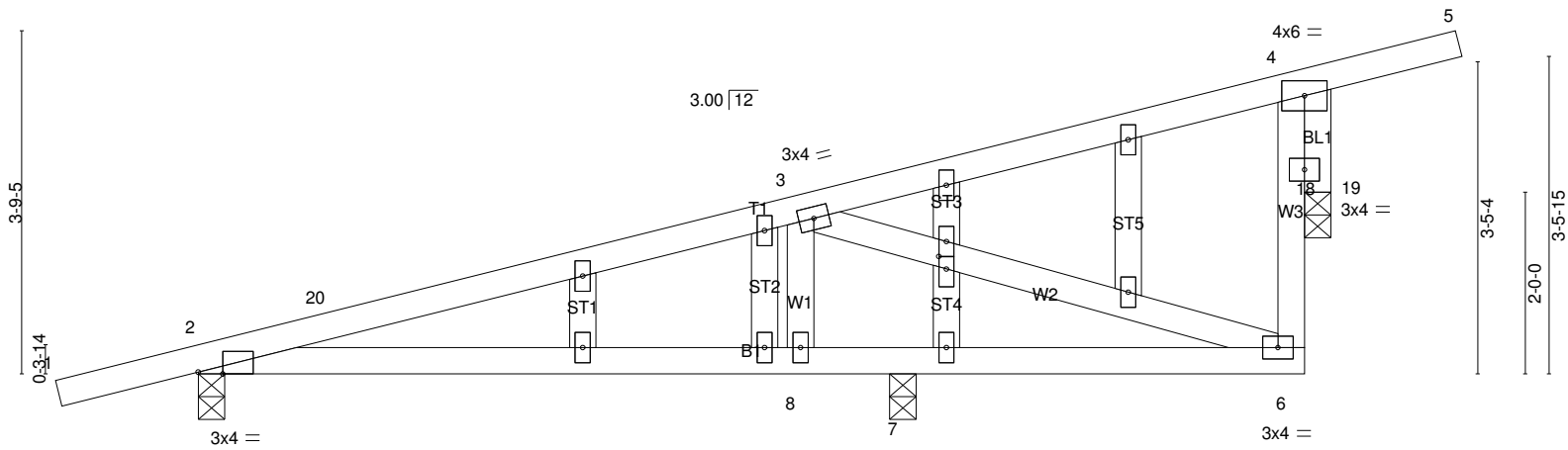

6-7-8 | 7-10-12 | 12-5-8
6-7-8 | 1-3-4 | 4-6-12

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

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	0.57	Vert(LL)	-0.09	2-8	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.14	2-8	>631	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.02	19	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014		Matrix-R		Wind(LL)	0.03	2-8	>999	240	Weight: 60 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. (lb/size) 2=660/0-3-8 (min. 0-1-8), 7=283/0-3-8 (min. 0-1-8), 19=571/0-3-8 (min. 0-1-8)
Max Horz 2=88(LC 9)
Max Uplift2=-82(LC 8), 7=-14(LC 8), 19=-86(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-20=-886/20, 3-20=-821/32
BOT CHORD 2-8=-109/795, 7-8=-109/795, 6-7=-109/795
WEBS 3-6=-786/85, 4-19=-591/132

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) -1-6-7 to 1-5-9, Interior(1) 1-5-9 to 13-10-6 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) Bearing at joint(s) 19 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 7, 19.
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	Park Place L5 B7(RP2/15)
B0252-19	M4	Monopitch	9	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

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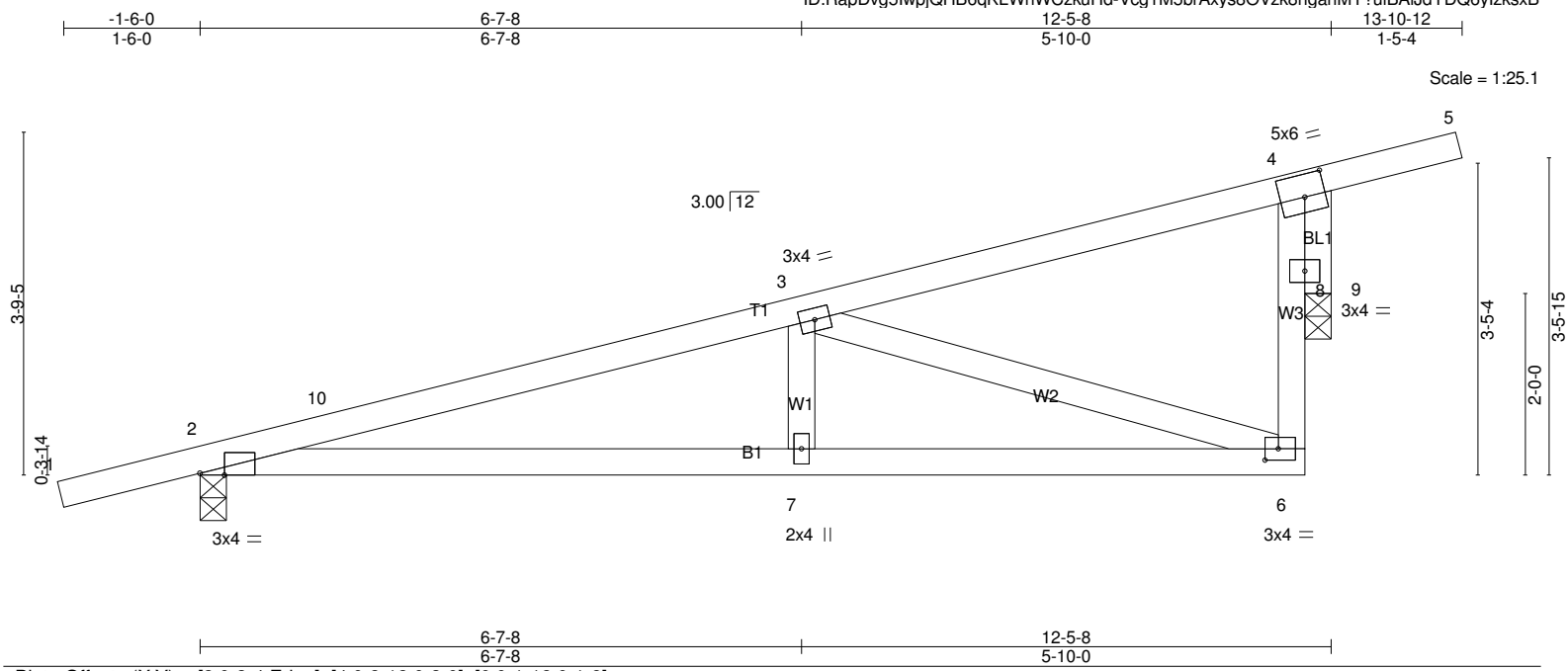

Plate Offsets (X,Y)-- [2:0-3-4,Edge], [4:0-2-12,0-3-0], [6:0-1-12,0-1-8]

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	0.70	Vert(LL)	-0.08	2-7	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL 1.15	BC	0.34	Vert(CT)	-0.13	2-7	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.69	Horz(CT)	0.02	9	n/a	n/a		
BCDL	8.0	Code IRC2015/TPI2014	Matrix-R		Wind(LL)	0.02	2-7	>999	240	Weight: 52 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 5-3-2 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=767/0-3-8 (min. 0-1-8), 9=748/0-3-8 (min. 0-1-8)
Max Horz 2=88(LC 9)
Max Uplift2=-88(LC 8), 9=-90(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-10=-1345/43, 3-10=-1278/55, 6-8=-14/404, 4-8=-14/404
BOT CHORD 2-7=-129/1237, 6-7=-129/1237
WEBS 3-6=-1198/104, 4-9=-776/139

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) -1-6-7 to 1-5-9, Interior(1) 1-5-9 to 13-10-6 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) 9 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 capable of withstanding 100 lb uplift at joint(s) 2, 9.
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