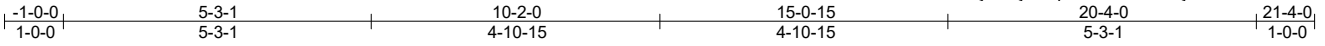


Job	Truss	Truss Type	Qty	Ply	Rockwell/Avery7/2(ID)DG
B1140-19	A1	COMMON	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:00 2019 Page 1
ID:ZR5Ba5dkXcMGXbshGKBrjzW8j9-EqIYW72IHMMXbj1TJFD2A9BINvETT4leNeaS8z02V



4x4 =

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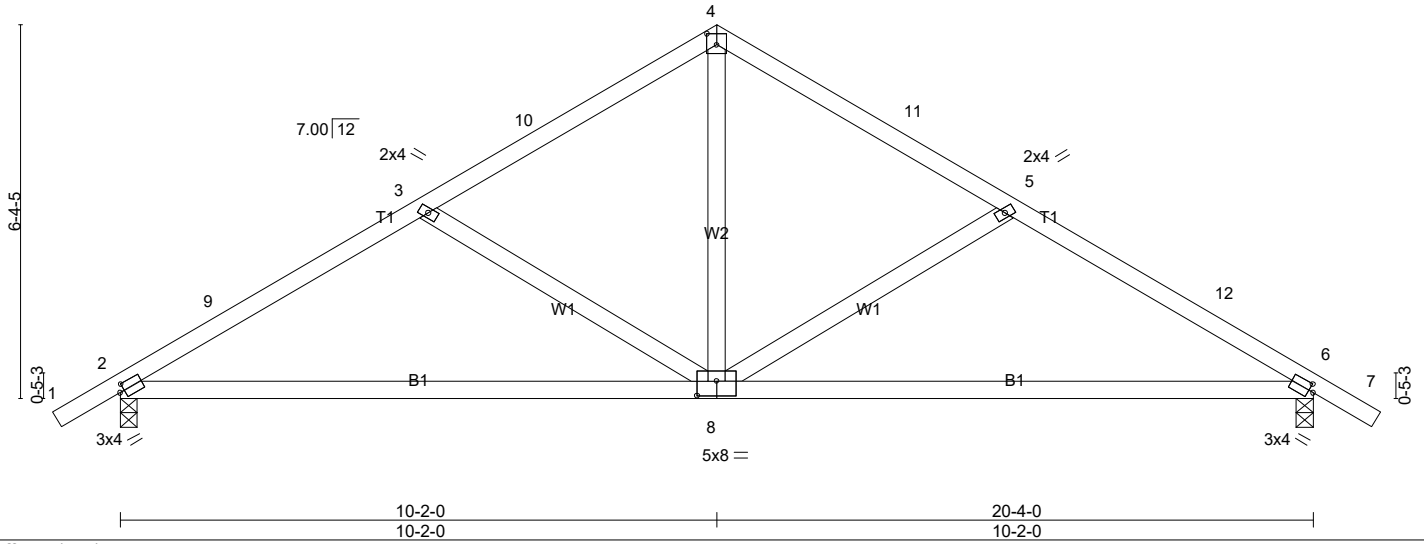


Plate Offsets (X,Y)-- [2:0-1-0,0-1-8], [4:0-2-0,0-2-4], [6:0-1-0,0-1-8], [8:0-4-0,0-3-0]

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 0.29	Vert(LL)	-0.16	2-8	>999	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.50	Vert(CT)	-0.29	2-8	>842	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.28	Horz(CT)	0.04	6	n/a	n/a		
BCDL 7.0	Code IRC2015/TPI2014		Matrix-R	Wind(LL)	-0.03	6-8	>999	240		
									Weight: 86 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 5-0-15 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=1107/0-3-8 (min. 0-1-8), 6=1107/0-3-8 (min. 0-1-8)
 Max Horz2=-102(LC 10)
 Max Uplift2=-89(LC 12), 6=-89(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-9=-1538/132, 3-9=-1442/152, 3-10=-1124/114, 4-10=-1013/127, 4-11=-1013/127,
 5-11=-1124/114, 5-12=-1442/152, 6-12=-1538/132
 BOT CHORD 2-8=-61/1223, 6-8=-70/1223
 WEBS 4-8=-22/595, 5-8=-445/111, 3-8=-445/111

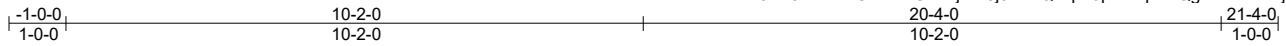
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 1-0-14 to 1-11-2, Interior(1) 1-11-2 to 10-2-0, Exterior(2) 10-2-0 to 13-2-0, Interior(1) 13-2-0 to 21-4-14 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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 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	Rockwell/Avery7/2(ID)DG
B1140-19	A1G	Common Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:02 2019 Page 1
ID:ZR5Ba5dkXcMGXbshGKBrjzW8j9-ADQlwp40pzcFq1BrQgFWFaHhLj1VxpQb6h7gW1z02



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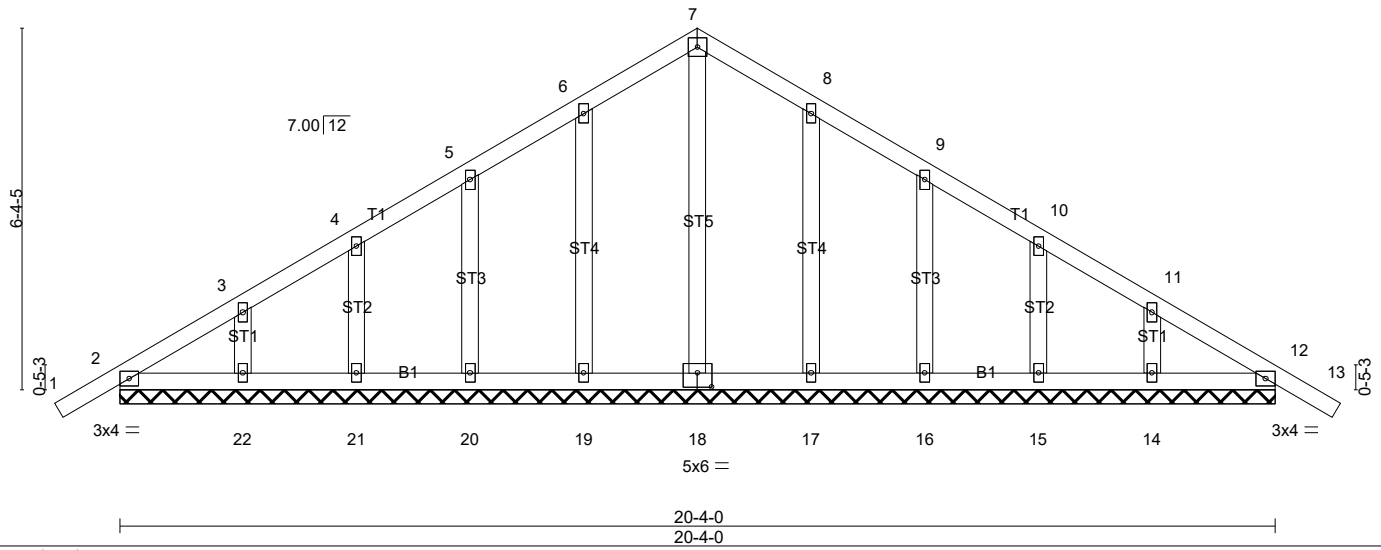


Plate Offsets (X,Y)--[18:0-3-0,0-3-0]

LOADING(psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.07	Vert(LL)	-0.00	13	n/r	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.02	Vert(CT)	-0.00	13	n/r		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.10	Horz(CT)	0.00	12	n/a		
BCDL 7.0	Rep Stress Incr YES	Matrix-R						
	Code IRC2015/TPI2014						Weight: 102 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.

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

REACTIONS. All bearings 20-4-0.
 (lb) - Max Horz2=-102(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) 2, 18, 19, 20, 21, 22, 17, 16, 15, 14, 12

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCCL=4.2psf; BCCL=4.2psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) -1-0-14 to 2-2-0, Exterior(2) 2-2-0 to 10-2-0, Corner(3) 10-2-0 to 13-2-0, Exterior(2) 13-2-0 to 21-4-14 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
 - 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 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.
 - 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 B1140-19	Truss A2	Truss Type Common Girder	Qty 1	Ply 1	Rockwell/Avery7/2(ID)DG
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Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:03 2019 Page 1
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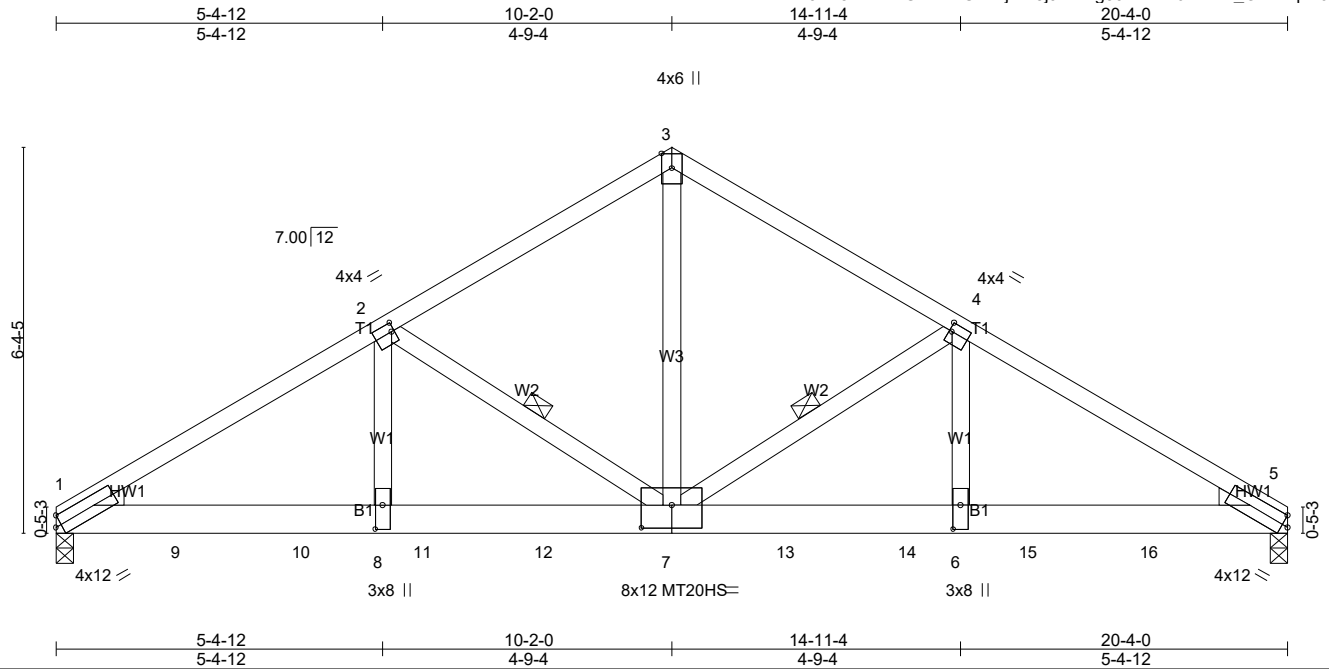


Plate Offsets (X,Y)-- [2:0-0-8,0-1-12], [4:0-0-8,0-1-12], [6:0-4-12,0-1-8], [7:0-6-0,0-4-8], [8:0-4-12,0-1-8]

LOADING(psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.73	Vert(LL) -0.19	6-7	>999	360	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.78	Vert(CT) -0.26	6-7	>939	240	MT20HS	165/146
BCLL 0.0 *	Lumber DOL 1.15	WB 0.81	Horz(CT) 0.08	5	n/a	n/a		
BCDL 7.0	Rep Stress Incr NO	Matrix-R	Wind(LL) 0.05	6-7	>999	240		
	Code IRC2015/TPI2014						Weight: 107 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 2400F 2.0E
BOT CHORD 2x6 DF 2400F 2.0E
WEBS 2x4 DF Stud/Std *Except*
W3: 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 2-6-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-7, 2-7

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

REACTIONS. (lb/size) 1=3996/0-3-8 (req. 0-4-0), 5=3954/0-3-8 (req. 0-3-15)
Max Horz1=93(LC 7)
Max Uplift1=-240(LC 8), 5=-241(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-6456/403, 2-3=-4429/316, 3-4=-4429/316, 4-5=-6475/409
BOT CHORD 1-9=-299/5454, 9-10=-299/5454, 8-10=-299/5454, 8-11=-299/5454, 11-12=-299/5454,
7-12=-299/5454, 7-13=-304/5469, 13-14=-304/5469, 6-14=-304/5469, 6-15=-304/5469,
15-16=-304/5469, 5-16=-304/5469
WEBS 3-7=-242/3939, 4-7=-2108/173, 4-6=-75/1839, 2-7=-2090/167, 2-8=-68/1816

- 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); cantilever left and right exposed ; end vertical left and right exposed; 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) WARNING: Required bearing size at joint(s) 1, 5 greater than input bearing size.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=240, 5=241.
 - 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) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 658 lb down and 45 lb up at 2-0-12, 658 lb down and 45 lb up at 4-0-12, 658 lb down and 45 lb up at 6-0-12, 658 lb down and 45 lb up at 8-0-12, 658 lb down and 45 lb up at 10-0-12, 664 lb down and 47 lb up at 12-0-12, 664 lb down and 47 lb up at 14-0-12, and 664 lb down and 47 lb up at 16-0-12, and 664 lb down and 47 lb up at 18-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-86, 3-5=-86, 1-5=-14

Job	Truss	Truss Type	Qty	Ply	Rockwell/Avery7/2(ID)DG
B1140-19	A2	Common Girder	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:03 2019 Page 2
ID:ZR5Ba5dkXcMGXbishGKBrjzW8j9-ePzg894eaHk6SAm2_Omloopik6Blg5TKLLtE2Tz02V

LOAD CASE(S) Standard

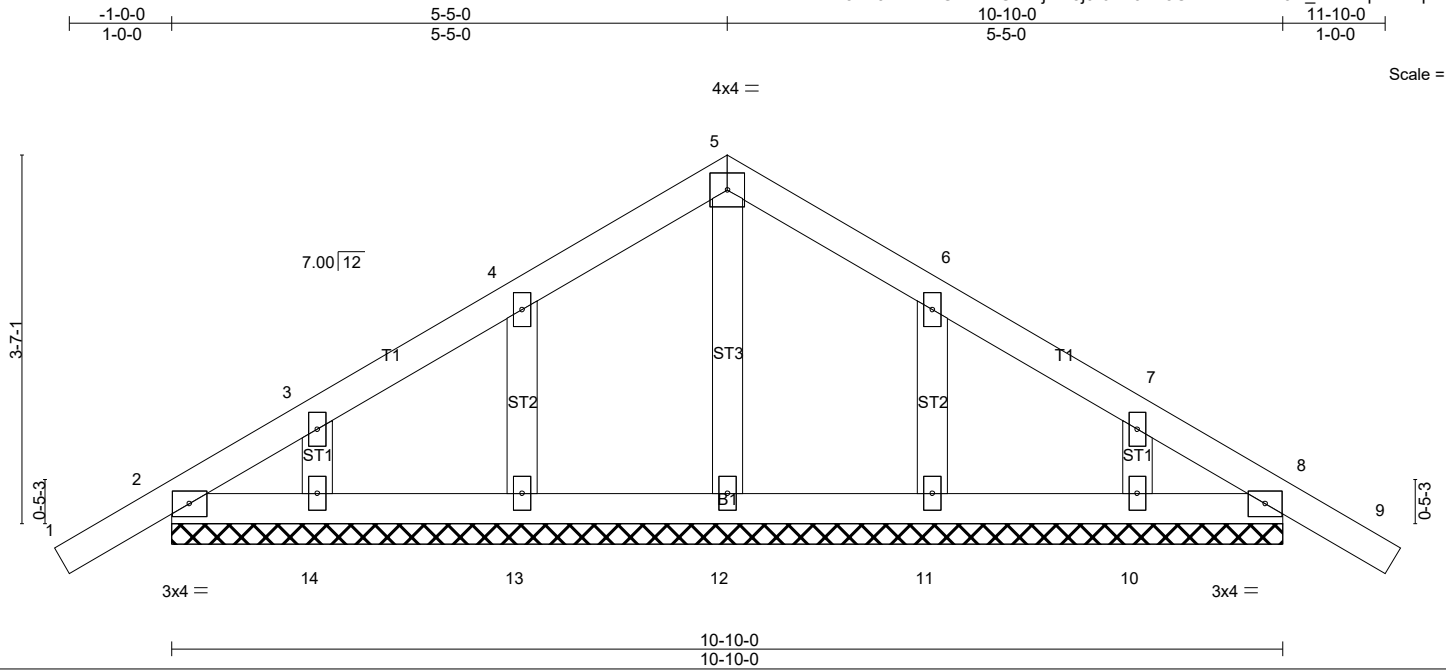
Concentrated Loads (lb)

Vert: 7=-658(B) 9=-658(B) 10=-658(B) 11=-658(B) 12=-658(B) 13=-664(B) 14=-664(B) 15=-664(B) 16=-664(B)

Job	Truss	Truss Type	Qty	Ply	Rockwell/Avery7/2(ID)DG
B1140-19	B1G	Common Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:04 2019 Page 1
ID:ZR5Ba5dkXcMGXbishGKBrjzW8j9-6bX3LV5GLasz4KKEY5H_K?M1qWikPkuZ?cnbwz02



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.07	in (loc) l/defl L/d	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.03	Vert(LL) -0.00 9 n/r 120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.04	Vert(CT) -0.00 9 n/r 120		
BCDL 7.0	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.00 8 n/a n/a		
	Code IRC2015/TPI2014			Weight: 46 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.

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

REACTIONS. All bearings 10-10-0.
(lb) - Max Horz2=-59(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) 2, 8, 12, 13, 14, 11, 10

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

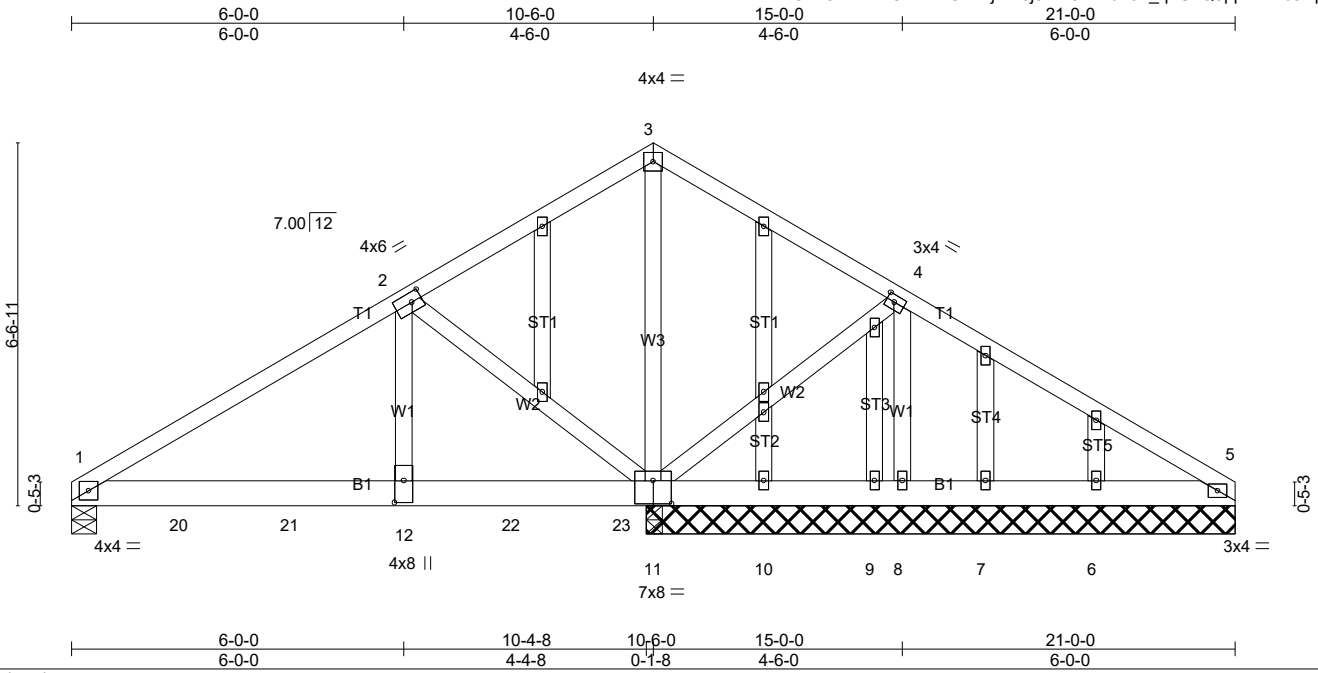
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCCL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) -1-0-14 to 1-11-2, Exterior(2) 1-11-2 to 5-5-0, Corner(3) 5-5-0 to 8-5-0, Exterior(2) 8-5-0 to 11-10-14 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
 - 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 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.
 - 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 B1140-19	Truss C1GD	Truss Type GABLE	Qty 1	Ply 2	Rockwell/Avery7/2(ID)DG
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Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:05 2019 Page 1
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Scale = 1:41.6

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

LOADING(psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.47	Vert(LL)	-0.15	1-12	>842	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.98	Vert(CT)	-0.21	1-12	>587		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.81	Horz(CT)	0.01	11	n/a		
BCDL 7.0	Rep Stress Incr NO	Matrix-R	Wind(LL)	0.05	1-12	>999		
	Code IRC2015/TPI2014						Weight: 237 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*
 W1: 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 6-0-0 oc bracing, Except:
 10-0-0 oc bracing: 1-12,11-12.

REACTIONS.

All bearings 10-7-8 except (jt=length) 1=0-5-8.
 (lb) - Max Horz1=-96(LC 6)
 Max Uplift All uplift 100 lb or less at joint(s) 9, 7, 6 except 1=-203(LC 8), 5=-367(LC 17), 11=-527(LC 8), 8=-1101(LC 17), 10=-870(LC 17)
 Max Grav All reactions 250 lb or less at joint(s) 5, 10, 7, 6 except 1=3532(LC 17), 11=8612(LC 1), 11=8612(LC 1), 8=317(LC 14), 9=504(LC 17)

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

TOP CHORD 1-2=-3491/211, 2-3=-100/1636, 3-4=-83/1646, 4-5=-124/859
 BOT CHORD 1-20=-149/2936, 20-21=-149/2936, 12-21=-149/2936, 12-22=-149/2936, 22-23=-149/2936,
 11-23=-149/2936, 10-11=-689/75, 9-10=-689/75, 8-9=-689/75, 7-8=-689/75, 6-7=-689/75,
 5-6=-689/75
 WEBS 3-11=-1882/106, 4-11=-917/104, 4-8=-273/827, 2-11=-5457/367, 2-12=-275/5349

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-5-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TC DL=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
- 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.
- All plates are 2x4 MT20 unless otherwise indicated.
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9, 7, 6 except (jt=lb) 1=203, 5=367, 11=527, 8=1101, 10=870.
- 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.

Job	Truss	Truss Type	Qty	Ply	Rockwell/Avery7/2(ID)DG
B1140-19	C1GD	GABLE	1	2	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:05 2019 Page 2
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NOTES-

- 12) This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement at the bearings. Building designer must provide for uplift reactions indicated.
- 13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1779 lb down and 111 lb up at 1-11-4, 1779 lb down and 111 lb up at 3-11-4, 1779 lb down and 111 lb up at 5-11-4, and 1779 lb down and 111 lb up at 7-11-4, and 1779 lb down and 111 lb up at 9-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 14) Studding applied to ply: 1(Front)

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-3=-86, 3-5=-86, 1-5=-14

Concentrated Loads (lb)

Vert: 12=-1779(B) 20=-1779(B) 21=-1779(B) 22=-1779(B) 23=-1779(B)

Job	Truss	Truss Type	Qty	Ply	Rockwell/Avery7/2(ID)DG
B1140-19	D1	ROOF SPECIAL	5	1	

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:07 2019 Page 1
ID:ZR5Ba5dkXcMGXbshGKBrjzW8j9-XADB_W88eVFXo3pDDrhye_MgkZCcyAKFzrRBEz02V

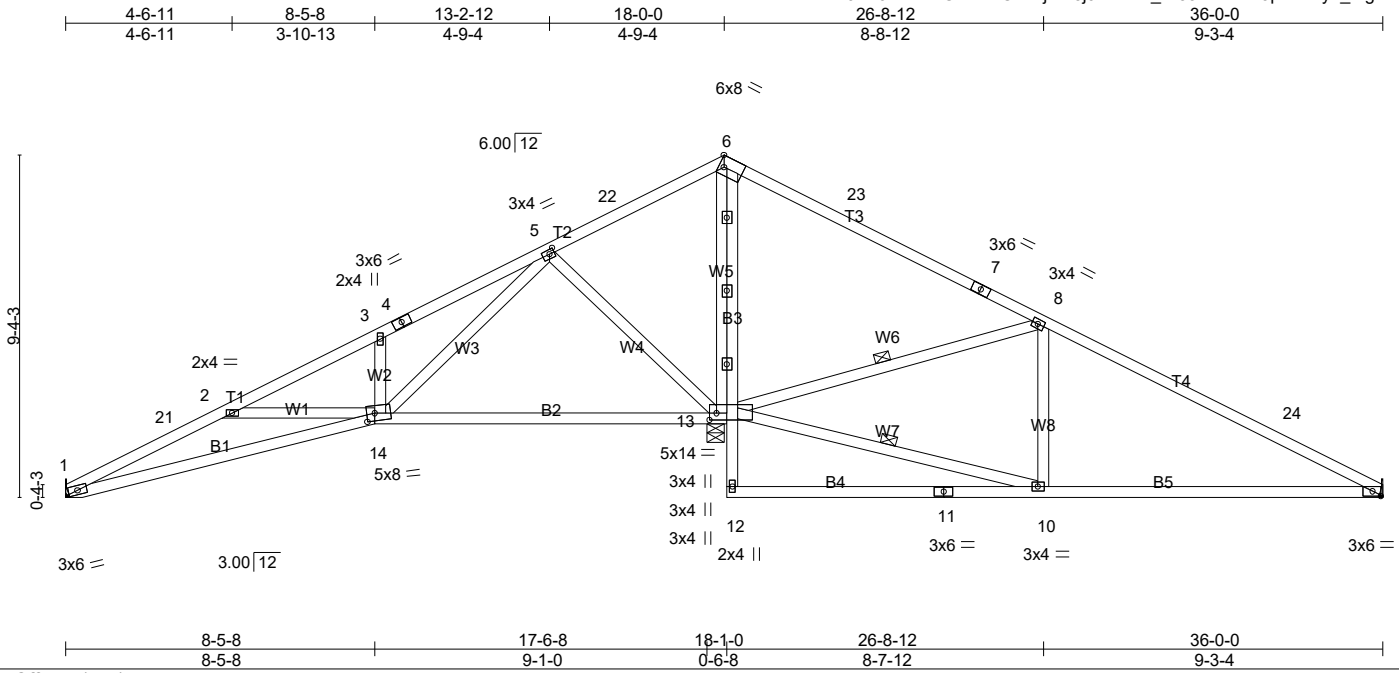


Plate Offsets (X,Y)--[5:0-1-12,0-1-8], [6:Edge,0-3-8], [9:0-2-12,0-1-8], [13:0-2-4,0-2-4], [14:0-2-12,0-2-8]

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 0.80	Vert(LL)	-0.24 13-14	>909	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.75	Vert(CT)	-0.41 13-14	>527	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.64	Horz(CT)	0.03 13	n/a	n/a		
BCDL 7.0	Code IRC2015/TPI2014		Matrix-MSH	Wind(LL)	0.09 10-20	>999	240		
								Weight: 180 lb	FT = 0%

LUMBER-
 TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
 T4: 2x4 DF 2400F 2.0E
 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 5-6-6 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 10-13, 8-13

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

REACTIONS. (lb/size) 1=498/Mechanical, 13=2613/0-5-8 (min. 0-2-13), 9=486/Mechanical
 Max Horz1=117(LC 11)
 Max Uplift=-28(LC 12), 13=-153(LC 12), 9=-91(LC 21)
 Max Grav1=548(LC 21), 13=2613(LC 1), 9=729(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-21=-1399/132, 2-21=-1323/144, 2-3=-679/62, 3-4=-705/67, 4-5=-545/82, 5-22=-37/1047,
 6-22=-27/1216, 6-23=-41/1255, 7-23=-43/1115, 7-8=-64/974, 8-24=-814/481, 9-24=-915/437
 BOT CHORD 1-14=-93/1264, 13-14=-444/134, 6-13=-1519/148, 9-10=-394/728
 WEBS 2-14=-695/166, 3-14=-389/99, 5-14=-78/1197, 5-13=-814/135, 10-13=-396/761,
 8-13=-1296/195, 8-10=0/318

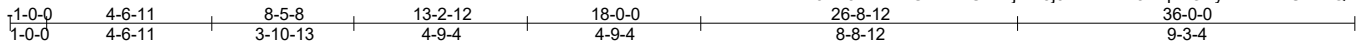
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 18-1-6, Exterior(2) 18-1-6 to 21-1-6, Interior(1) 21-1-6 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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9 except (jt=lb) 13=153.
 - 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	Rockwell/Avery7/2(ID)DG
B1140-19	D1A	ROOF SPECIAL	4	1	

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:08 2019 Page 1
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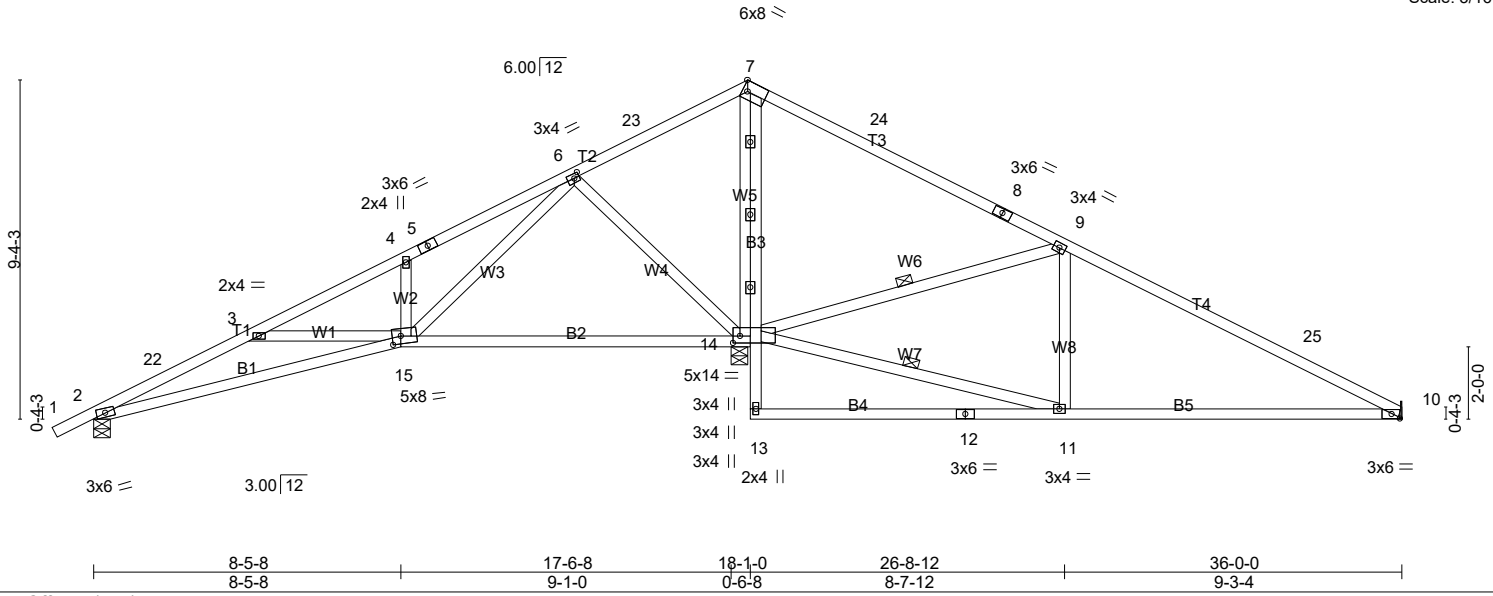


Plate Offsets (X,Y)--[6:0-1-12,0-1-8], [7:Edge,0-3-8], [10:0-2-12,0-1-8], [14:0-2-4,0-2-4], [15:0-2-12,0-2-8]

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 0.80	Vert(LL)	-0.24 14-15	>909	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.75	Vert(CT)	-0.41 14-15	>526	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.64	Horz(CT)	0.03 14	n/a	n/a		
BCDL 7.0	Code IRC2015/TPI2014		Matrix-MSH	Wind(LL)	0.09 11-21	>999	240		

Weight: 181 lb FT = 0%

LUMBER-
 TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
 T4: 2x4 DF 2400F 2.0E
 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 5-7-5 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 11-14, 9-14

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

REACTIONS. (lb/size) 2=594/0-5-8 (min. 0-1-8), 14=2609/0-5-8 (min. 0-2-13), 10=487/Mechanical
 Max Horz2=123(LC 11)
 Max Uplift2=-57(LC 12), 14=-152(LC 12), 10=-90(LC 21)
 Max Grav2=643(LC 21), 14=2609(LC 1), 10=729(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-22=-1383/99, 3-22=-1322/111, 3-4=-668/64, 4-5=-696/60, 5-6=-536/75, 6-23=-37/1045,
 7-23=-27/1214, 7-24=-35/1253, 8-24=-37/1112, 8-9=-58/971, 9-25=-814/480, 10-25=-915/435
 BOT CHORD 2-15=-68/1232, 14-15=-445/132, 7-14=-1518/143, 10-11=-393/728
 WEBS 3-15=-673/137, 4-15=-392/102, 6-15=-66/1187, 6-14=-809/134, 11-14=-394/761,
 9-14=-1296/195, 9-11=0/318

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BC DL=4.2psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-0-13 to 1-11-3, Interior(1) 1-11-3 to 18-1-6, Exterior(2) 18-1-6 to 21-1-6, Interior(1) 21-1-6 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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Refer to girder(s) for truss to truss connections.
 - 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10 except (jt=lb) 14=152.
 - 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	Rockwell/Avery7/2(ID)DG
B1140-19	D1G	Common Supported Gable	1	1	

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:09 2019 Page 1
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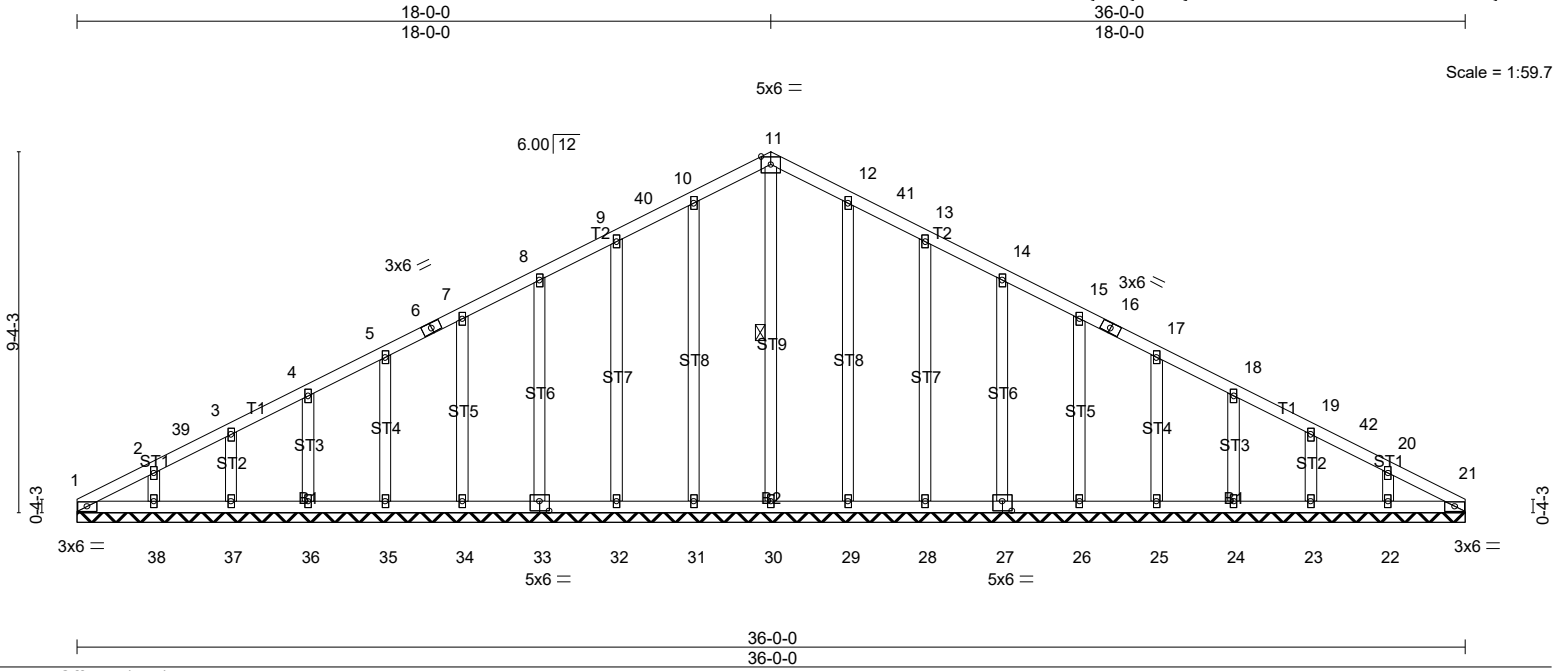


Plate Offsets (X,Y)-- [27:0-3-0,0-3-0], [33:0-3-0,0-3-0]							
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc)	L/defl	L/d	PLATES	GRIP
TCLL 35.0	Plate Grip DOL 1.15	TC 0.05	Vert(LL) n/a	-	n/a	999	MT20
TCDL 8.0	Lumber DOL 1.15	BC 0.02	Vert(CT) n/a	-	n/a	999	220/195
BCLL 0.0 *	Rep Stress Incr YES	WB 0.21	Horz(CT) 0.00	21	n/a	n/a	
BCDL 7.0	Code IRC2015/TPI2014	Matrix-R					Weight: 209 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 11-30

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

REACTIONS. All bearings 36-0-0.
 (lb) - Max Horz1=117(LC 11)
 Max Uplift All uplift 100 lb or less at joint(s) 1, 31, 32, 33, 34, 35, 36, 37, 38, 29, 28, 27, 26, 25, 24, 23, 22
 Max Grav All reactions 250 lb or less at joint(s) 1, 30, 31, 32, 33, 34, 35, 36, 37, 38, 29, 28, 27, 26, 25, 24, 23, 22, 21

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

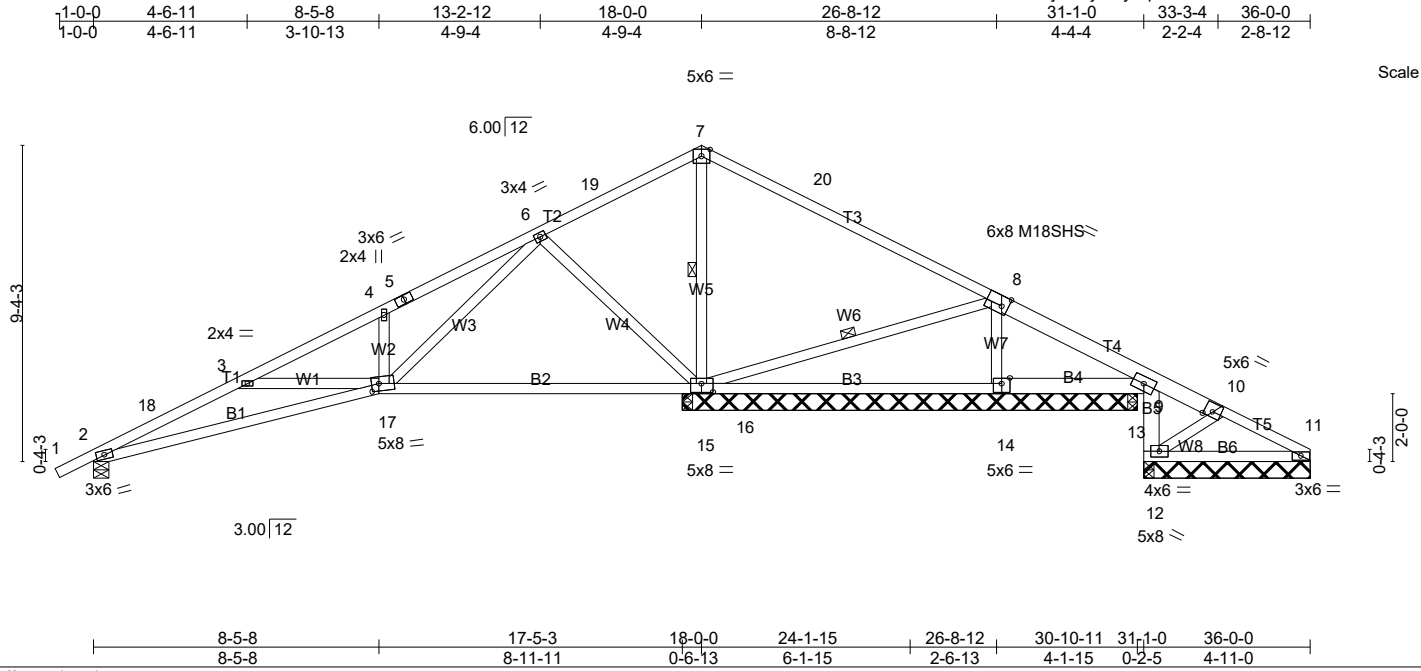
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCCL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 18-0-0, Corner(3) 18-0-0 to 21-0-0, Exterior(2) 21-0-0 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
 - 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 31, 32, 33, 34, 35, 36, 37, 38, 29, 28, 27, 26, 25, 24, 23, 22.
 - 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	Rockwell/Avery7/2(ID)DG
B1140-19	D2	ROOF SPECIAL	1	1	

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:11 2019 Page 1
ID:ZR5Ba5dkXcMGXbshGKBrjzW8j9-PySipuBfhkzQPNaS3vd6U93SL0VYLwAbpfK0z02V



Scale = 1:68.2

Plate Offsets (X,Y)--[8:0-2-4,Edge], [15:0-4-0,0-3-0], [17:0-2-12,0-2-8]					
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 0.75	Vert(LL) -0.12 2-17 >999 360	MT20	220/195
TCDL 8.0	Lumber DOL 1.15	BC 0.34	Vert(CT) -0.22 2-17 >927 240	M18SHS	220/195
BCLL 0.0 *	Rep Stress Incr YES	WB 0.63	Horz(CT) 0.03 16 n/a n/a		
BCDL 7.0	Code IRC2015/TPI2014	Matrix-SH	Wind(LL) 0.02 17 >999 240		
				Weight: 172 lb	FT = 0%

LUMBER-	BRACING-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except* T3: 2x4 DF 2400F 2.0E, T4: 2x6 DF 1800F 1.6E	TOP CHORD Structural wood sheathing directly applied or 5-7-14 oc purlins.
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except* B5,B4: 2x6 DF 1800F 1.6E	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 DF Stud/Std	WEBS 1 Row at midpt 7-15, 8-15

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 except (jt=length) 2=0-5-8, 12=4-11-0, 12=4-11-0, 11=4-11-0, 16=0-3-8, 13=0-3-8.
(lb) - Max Horz2=122(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 12, 11 except 9=-241(LC 21), 15=-186(LC 12), 14=-122(LC 21), 13=-258(LC 22)
Max Grav All reactions 250 lb or less at joint(s) 12, 12, 11, 13 except 2=650(LC 1), 9=316(LC 22), 15=2036(LC 1), 14=778(LC 22), 16=324(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-18=-1297/129, 3-18=-1224/144, 3-4=-612/50, 4-5=-616/98, 5-6=-530/113, 6-19=-16/889, 7-19=-7/1055, 7-20=-18/1091, 8-20=-40/977, 8-9=-28/517, 10-11=-267/91
BOT CHORD 2-17=-100/1118, 16-17=-308/108, 15-16=-308/108, 14-15=-386/84, 13-14=-386/84, 9-13=-384/76
WEBS 3-17=-607/134, 4-17=-387/102, 6-17=-79/1104, 6-15=-788/132, 7-15=-1391/129, 8-15=-551/116, 8-14=-660/242

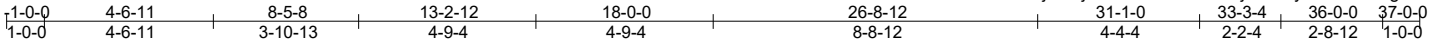
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-0-13 to 1-11-3, Interior(1) 1-11-3 to 18-0-0, Exterior(2) 18-0-0 to 21-0-0, Interior(1) 21-0-0 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
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 12, 11 except (jt=lb) 9=241, 15=186, 14=122, 13=258.
 - 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	Rockwell/Avery7/2(ID)DG
B1140-19	D3	ROOF SPECIAL	2	1	

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:13 2019 Page 1
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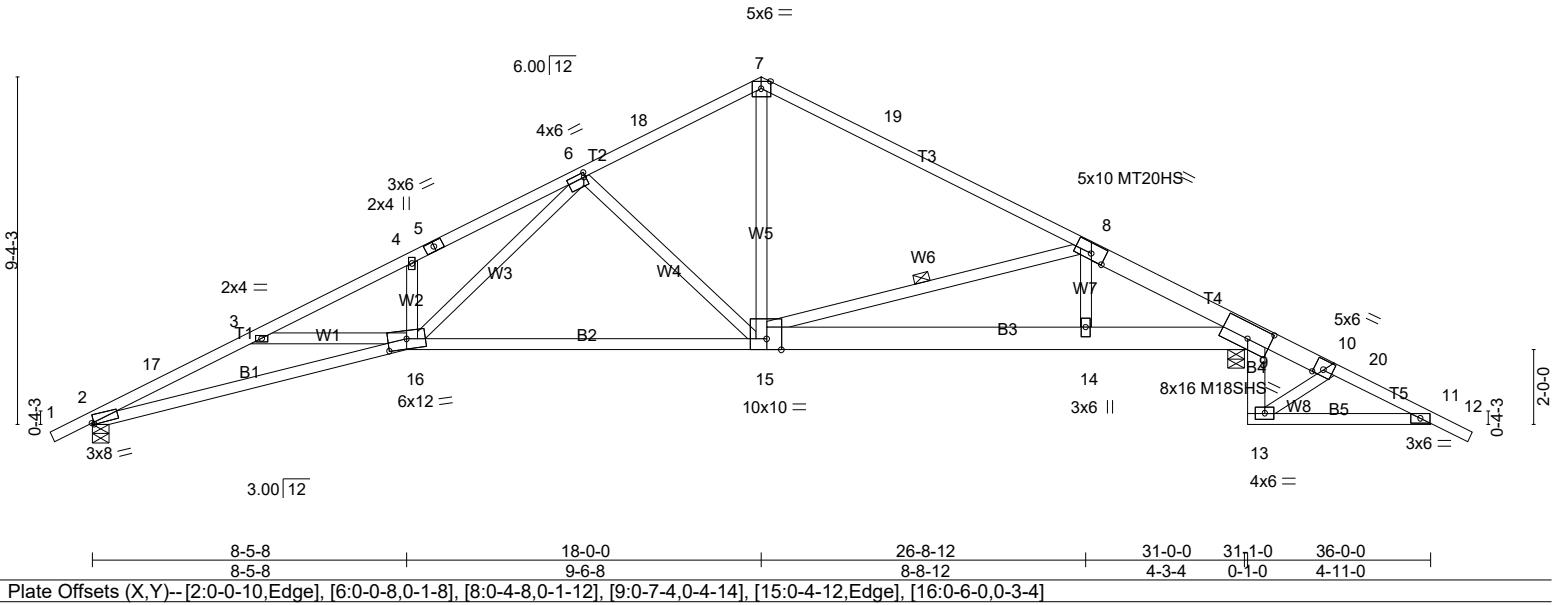


Plate Offsets (X,Y)-- [2:0-0-10,Edge], [6:0-0-8,0-1-8], [8:0-4-8,0-1-12], [9:0-7-4,0-4-14], [15:0-4-12,Edge], [16:0-6-0,0-3-4]					
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 35.0	Plate Grip DOL 1.15	TC 0.84	Vert(LL) -0.37 16 >999 360	MT20	220/195
TCDL 8.0	Lumber DOL 1.15	BC 0.75	Vert(CT) -0.57 15-16 >650 240	MT20HS	165/146
BCLL 0.0 *	Rep Stress Incr YES	WB 0.95	Horz(CT) 0.22 9 n/a n/a	M18SHS	220/195
BCDL 7.0	Code IRC2015/TPI2014	Matrix-SH	Wind(LL) 0.11 16 >999 240	Weight: 188 lb	FT = 0%

LUMBER-	BRACING-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except* T3: 2x4 DF 2400F 2.0E, T4: 2x6 DF 1800F 1.6E	TOP CHORD Structural wood sheathing directly applied or 2-8-9 oc purlins.
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 DF Stud/Std	WEBS 1 Row at midpt 8-15
	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=1617/0-5-8 (min. 0-1-10), 9=2163/0-5-8 (min. 0-2-5)
Max Horz2=159(LC 11)
Max Uplift2=-117(LC 12), 9=-150(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-17=-4815/405, 3-17=-4728/420, 3-4=-4434/353, 4-5=-4460/401, 5-6=-4375/416,
6-18=-1875/187, 7-18=-1710/203, 7-19=-1759/178, 8-19=-1986/165, 8-9=-2341/103,
9-10=-128/385, 10-20=-299/632, 11-20=-305/602
BOT CHORD 2-16=-426/4274, 15-16=-174/2392, 14-15=-94/2019, 9-14=-106/2051, 9-13=-360/159,
11-13=-539/321
WEBS 3-16=-296/107, 4-16=-395/103, 6-16=-192/2157, 6-15=-1104/165, 7-15=-35/1052,
8-15=-480/41, 8-14=-344/213, 10-13=-346/679

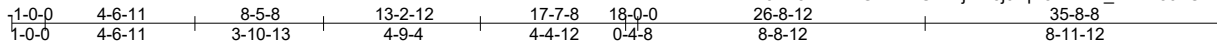
- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) 1-10-13 to 1-11-3, Interior(1) 1-11-3 to 18-0-0, Exterior(2) 18-0-0 to 21-0-0, Interior(1) 21-0-0 to 37-0-13 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) 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) 2=117, 9=150.
 - 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	Rockwell/Avery7/2(ID)DG
B1140-19	D4	ROOF SPECIAL	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

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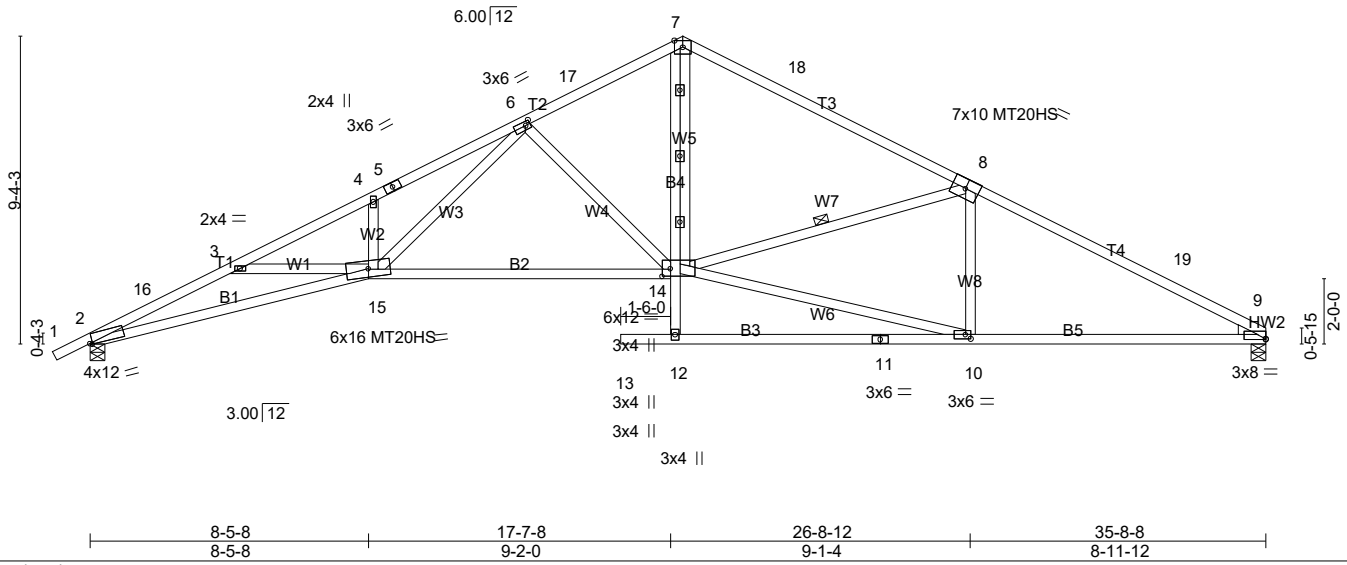


Plate Offsets (X,Y)-- [2:0-0-14,Edge], [6:0-1-12,0-1-8], [9:0-0-0,0-0-4], [10:0-2-0,0-1-8], [14:0-3-0,0-2-12]

LOADING(psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.75	in (loc) l/defl L/d	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.87	Vert(LL) -0.49 14-15 >855 360	MT20HS	165/146
BCLL 0.0 *	Lumber DOL 1.15	WB 0.93	Vert(CT) -0.83 14-15 >507 240		
BCDL 7.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.39 9 n/a n/a		
	Code IRC2015/TPI2014		Wind(LL) 0.16 14-15 >999 240		
				Weight: 184 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
T3,T4: 2x4 DF 2400F 2.0E
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*
W3,W6: 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 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
10-0-0 oc bracing: 12-14
WEBS 1 Row at midpt 8-14

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

REACTIONS. (lb/size) 2=1889/0-5-8 (min. 0-1-15), 9=1772/0-5-8 (min. 0-1-14)
Max Horz2=121(LC 11)
Max Uplift2=-128(LC 12), 9=-94(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-5807/433, 3-16=-5716/447, 3-4=-5519/374, 4-5=-5544/419, 5-6=-5462/434,
6-17=-2638/236, 7-17=-2548/252, 7-18=-2525/254, 8-18=-2741/225, 8-19=-3033/265,
9-19=-3185/242
BOT CHORD 2-15=-373/5168, 14-15=-138/3146, 7-14=-100/1723, 9-10=-153/2676
WEBS 4-15=-394/100, 6-15=-160/2466, 6-14=-1223/163, 8-10=-426/108, 10-14=-168/2700,
8-14=-608/129

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-0-13 to 1-11-3, Interior(1) 1-11-3 to 17-9-12, Exterior(2) 17-9-12 to 20-9-12, Interior(1) 20-9-12 to 35-5-12 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
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9 except (jt=lb) 2=128.
 - 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

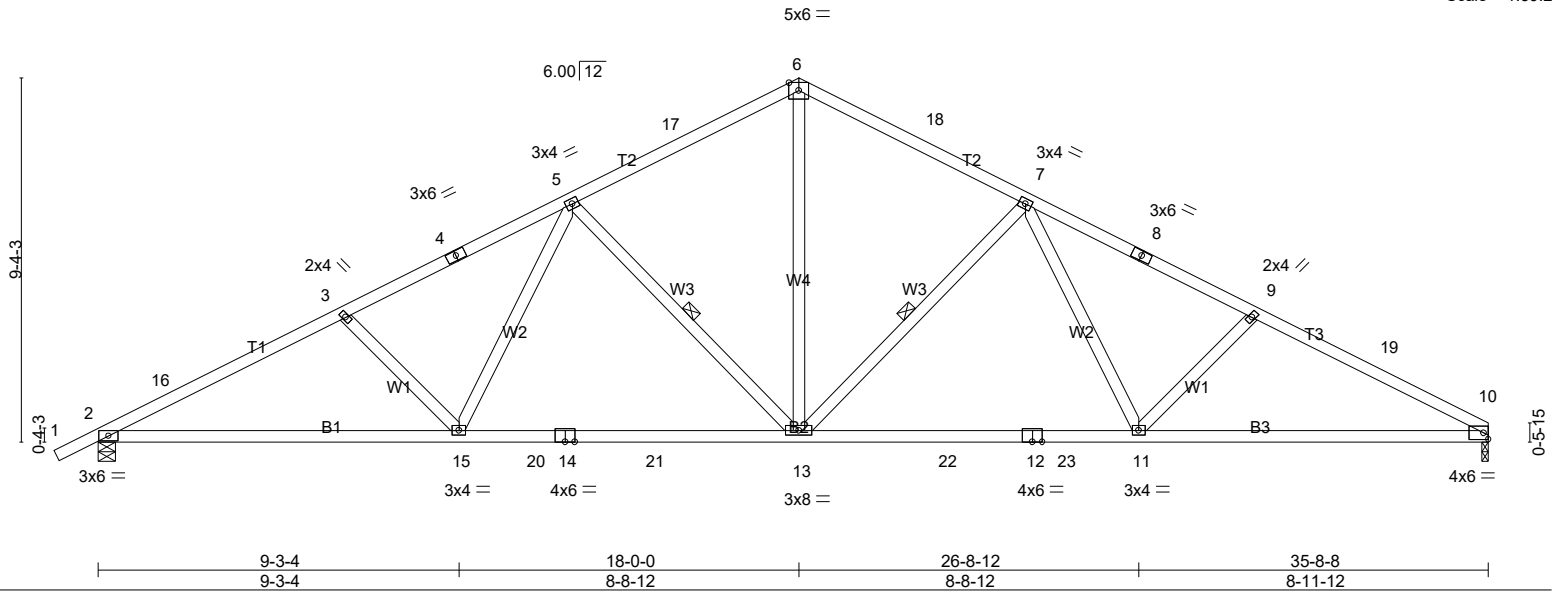
Job	Truss	Truss Type	Qty	Ply	Rockwell/Avery7/2(ID)DG
B1140-19	D5	Common	2	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:15 2019 Page 1
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Scale = 1:59.2



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.50	in (loc) l/defl L/d	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.59	Vert(LL) -0.26 13-15 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.87	Vert(CT) -0.38 13-15 >999 240		
BCDL 7.0	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.13 10 n/a n/a		
	Code IRC2015/TPI2014		Wind(LL) 0.19 2-15 >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
 WEBS 2x4 DF Stud/Std

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 3-1-2 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-7-11 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=1883/0-5-8 (min. 0-2-0), 10=1768/0-2-0 (min. 0-1-14)
 Max Horz2=123(LC 11)
 Max Uplift=-412(LC 12), 10=-378(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-16=-3317/1119, 3-16=-3209/1136, 3-4=-2949/1104, 4-5=-2831/1124, 5-17=-2083/810,
 6-17=-1882/822, 6-18=-1882/826, 7-18=-2083/814, 7-8=-2811/1130, 8-9=-2928/1110,
 9-19=-3162/1141, 10-19=-3284/1126
 BOT CHORD 2-15=-962/2841, 15-20=-751/2311, 14-20=-751/2311, 14-21=-751/2311, 13-21=-751/2311,
 13-22=-744/2301, 12-22=-744/2301, 12-23=-744/2301, 11-23=-744/2301, 10-11=-954/2802
 WEBS 6-13=-604/1253, 7-13=-813/305, 7-11=-304/509, 9-11=-432/119, 5-13=-823/312,
 5-15=-302/524, 3-15=-456/120

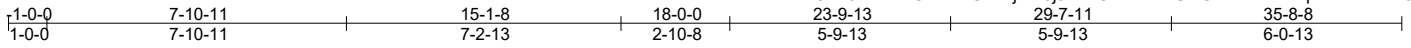
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BC DL=4.2psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-0-13 to 1-11-3, Interior(1) 1-11-3 to 18-0-0, Exterior(2) 18-0-0 to 21-0-0, Interior(1) 21-0-0 to 35-7-8 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 10.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=412, 10=378.
 - 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	Rockwell/Avery7/2(ID)DG
B1140-19	D5A	ROOF SPECIAL	7	1	

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:16 2019 Page 1
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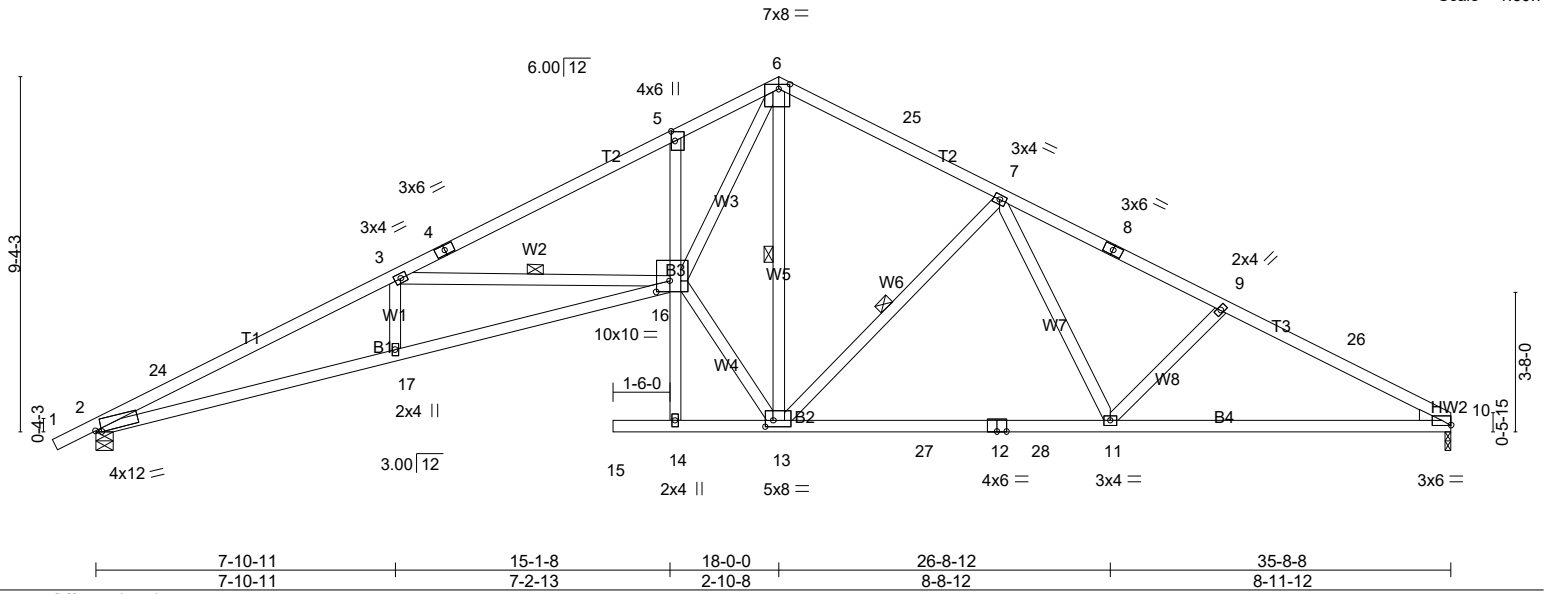


Plate Offsets (X,Y)--[2:0-1-14,Edge], [5:0-3-0,0-1-4], [6:0-3-8,0-1-8], [13:0-2-8,0-2-0], [16:0-4-4,0-3-8]

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 0.97	Vert(LL)	-0.66	15	>645	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.88	Vert(CT)	-0.96	15	>445	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.70	Horz(CT)	0.57	10	n/a	n/a		
BCDL 7.0	Code IRC2015/TPI2014		Matrix-MR	Wind(LL)	0.20	15	>999	240		
									Weight: 181 lb	FT = 0%

LUMBER-	BRACING-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except* T1: 2x4 DF 2400F 2.0E	TOP CHORD Structural wood sheathing directly applied.
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 13-14.
WEBS 2x4 DF Stud/Std *Except* W4,W3: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	WEBS 6-0-0 oc bracing: 14-16 1 Row at midpt 3-16, 6-13, 7-13
WEDGE Right: 2x4 DF Stud/Std	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=1892/0-5-8 (min. 0-1-15), 10=1793/0-2-0 (min. 0-1-15)
 Max Horz2=122(LC 11)
 Max Uplift=-123(LC 12), 10=-97(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-24=-6098/399, 3-24=-5952/424, 3-4=-4665/289, 4-5=-4526/314, 5-6=-4424/364,
 6-25=-2022/256, 7-25=-2142/244, 7-8=-2860/281, 8-9=-2973/270, 9-26=-3201/294,
 10-26=-3320/283
 BOT CHORD 2-17=-335/5491, 16-17=-335/5497, 5-16=-418/114, 13-27=-119/2362, 12-27=-119/2362,
 12-28=-119/2362, 11-28=-119/2362, 10-11=-204/2863
 WEBS 3-16=-1342/189, 13-16=-24/2953, 6-16=-204/4670, 6-13=-1689/0, 7-13=-816/132,
 7-11=-13/495, 9-11=-453/121

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-0-13 to 1-11-3, Interior(1) 1-11-3 to 18-0-0, Exterior(2) 18-0-0 to 21-0-0, Interior(1) 21-0-0 to 35-8-8 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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
 - 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.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 10.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10 except (jt=lb) 2=123.
 - 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	Rockwell/Avery7/2(ID)DG
B1140-19	D5G	Common Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:17 2019 Page 1
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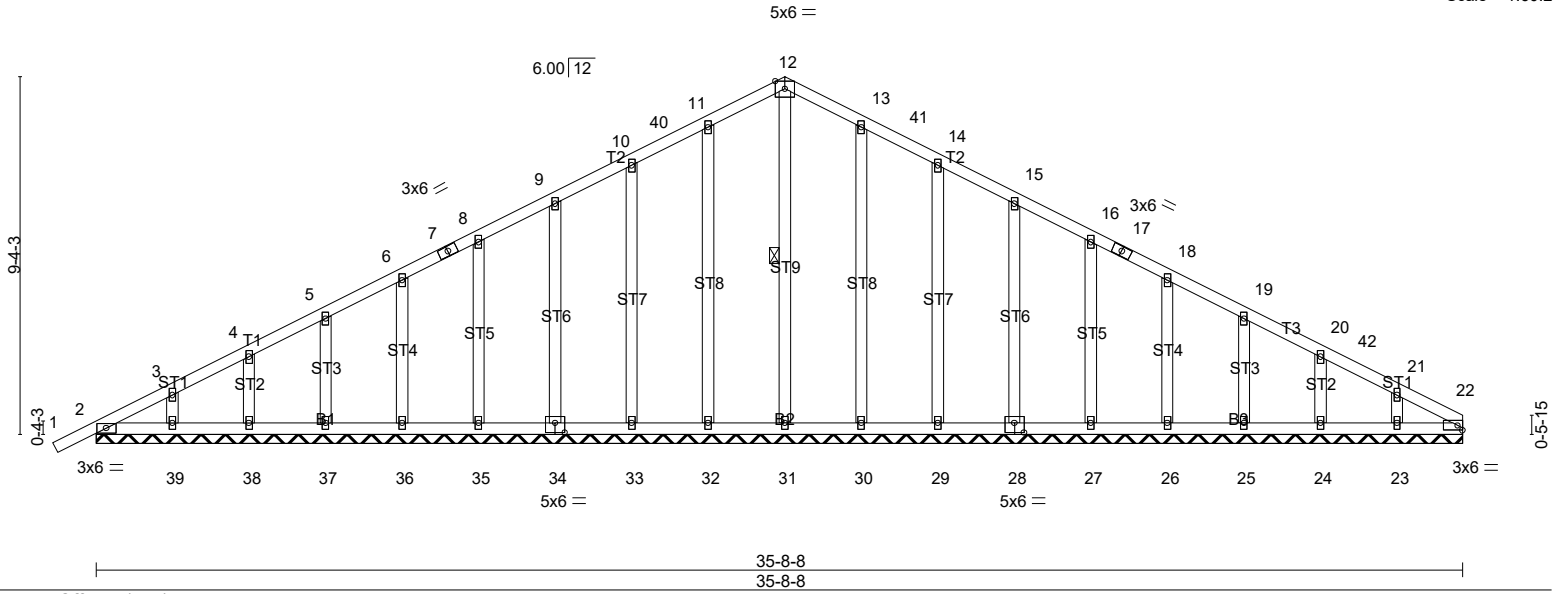


Plate Offsets (X,Y)--[28:0-3-0,0-3-0], [34:0-3-0,0-3-0]

LOADING(psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.07	Vert(LL) -0.00	1	n/r	120	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.02	Vert(CT) -0.00	1	n/r	120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.21	Horz(CT) 0.00	22	n/a	n/a		
BCDL 7.0	Rep Stress Incr YES	Matrix-R						
	Code IRC2015/TPI2014						Weight: 209 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 12-31

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

REACTIONS. All bearings 35-8-8.
 (lb) - Max Horz=123(LC 11)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 32, 33, 34, 35, 36, 37, 38, 39, 30, 29, 28, 27, 26, 25, 24, 23
 Max Grav All reactions 250 lb or less at joint(s) 2, 31, 32, 33, 34, 35, 36, 37, 38, 39, 30, 29, 28, 27, 26, 25, 24, 23, 22

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCCL=4.2psf; BCCL=4.2psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3) -1-0-13 to 2-0-0, Exterior(2) 2-0-0 to 18-0-0, Corner(3) 18-0-0 to 21-0-0, Exterior(2) 21-0-0 to 35-8-8 zone; cantilever left and right exposed; end vertical left and right exposed; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 32, 33, 34, 35, 36, 37, 38, 39, 30, 29, 28, 27, 26, 25, 24, 23.
 - 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 B1140-19	Truss E1	Truss Type Common Girder	Qty 1	Ply 1	Rockwell/Avery7/2(ID)DG
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Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:19 2019 Page 1
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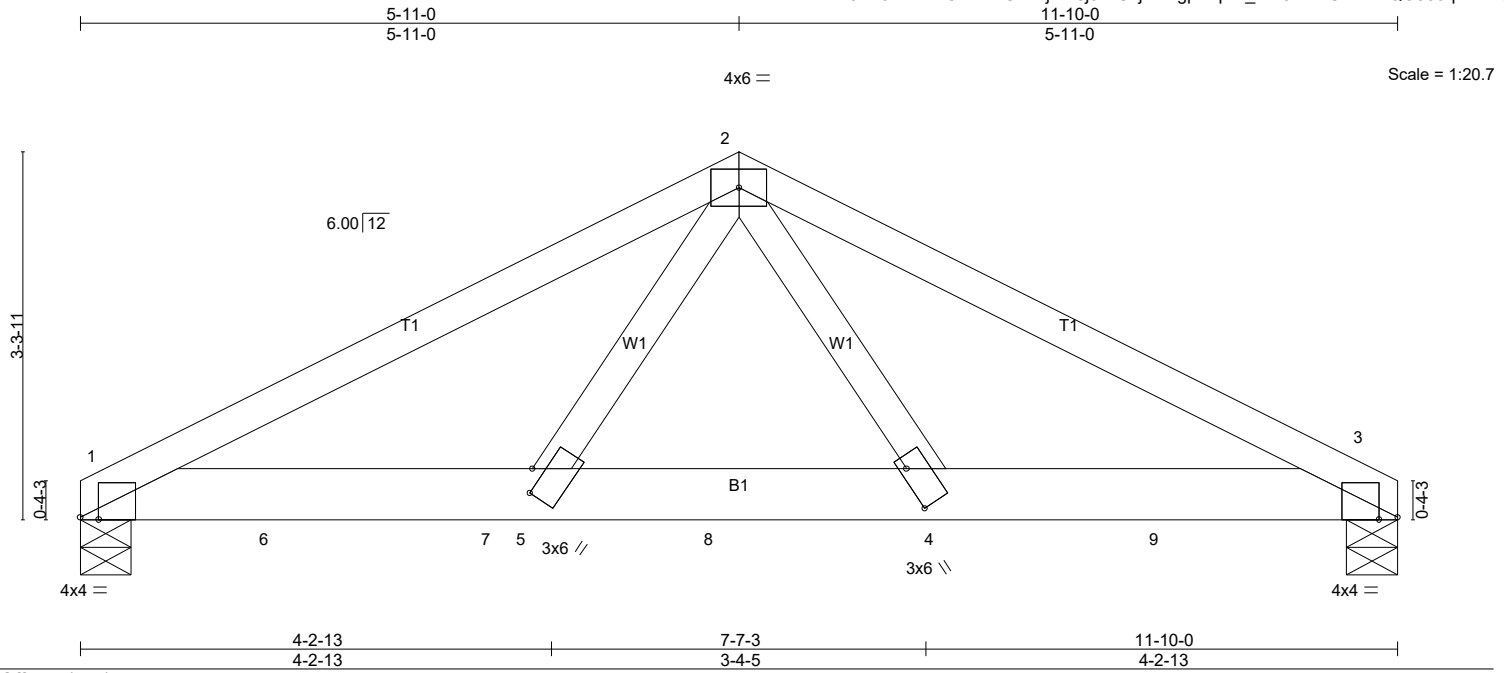


Plate Offsets (X,Y)--[1:0-2-0,Edge], [3:0-2-0,Edge], [4:0-4-11,0-0-12], [5:0-2-5,0-1-4]

LOADING(psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.49	Vert(LL)	-0.07	4-5	>999	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.57	Vert(CT)	-0.10	4-5	>999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.57	Horz(CT)	0.02	3	n/a		
BCDL 7.0	Rep Stress Incr NO	Matrix-R	Wind(LL)	0.02	4-5	>999		
	Code IRC2015/TPI2014						Weight: 52 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

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 3-5-13 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 1=1805/0-5-8 (min. 0-1-15), 3=1742/0-5-8 (min. 0-1-14)
 Max Horz1=38(LC 7)
 Max Uplift1=-127(LC 8), 3=-122(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-300/217, 2-3=-2985/216
 BOT CHORD 1-6=-152/2581, 6-7=-152/2581, 5-7=-152/2581, 5-8=-119/1912, 4-8=-119/1912, 4-9=-151/2566,
 3-9=-151/2566
 WEBS 2-4=-60/1274, 2-5=-62/1301

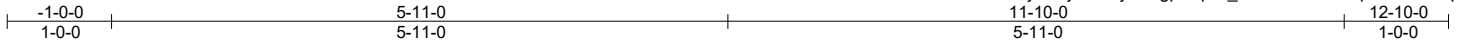
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=127, 3=122.
 - 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.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 482 lb down and 42 lb up at 1-9-4, 482 lb down and 42 lb up at 3-9-4, 482 lb down and 42 lb up at 5-9-4, and 482 lb down and 42 lb up at 7-9-4, and 482 lb down and 42 lb up at 9-9-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
 1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
 Uniform Loads (plf)
 Vert: 1-2=-86, 2-3=-86, 1-3=-14
 Concentrated Loads (lb)
 Vert: 4=-482(B) 6=-482(B) 7=-482(B) 8=-482(B) 9=-482(B)

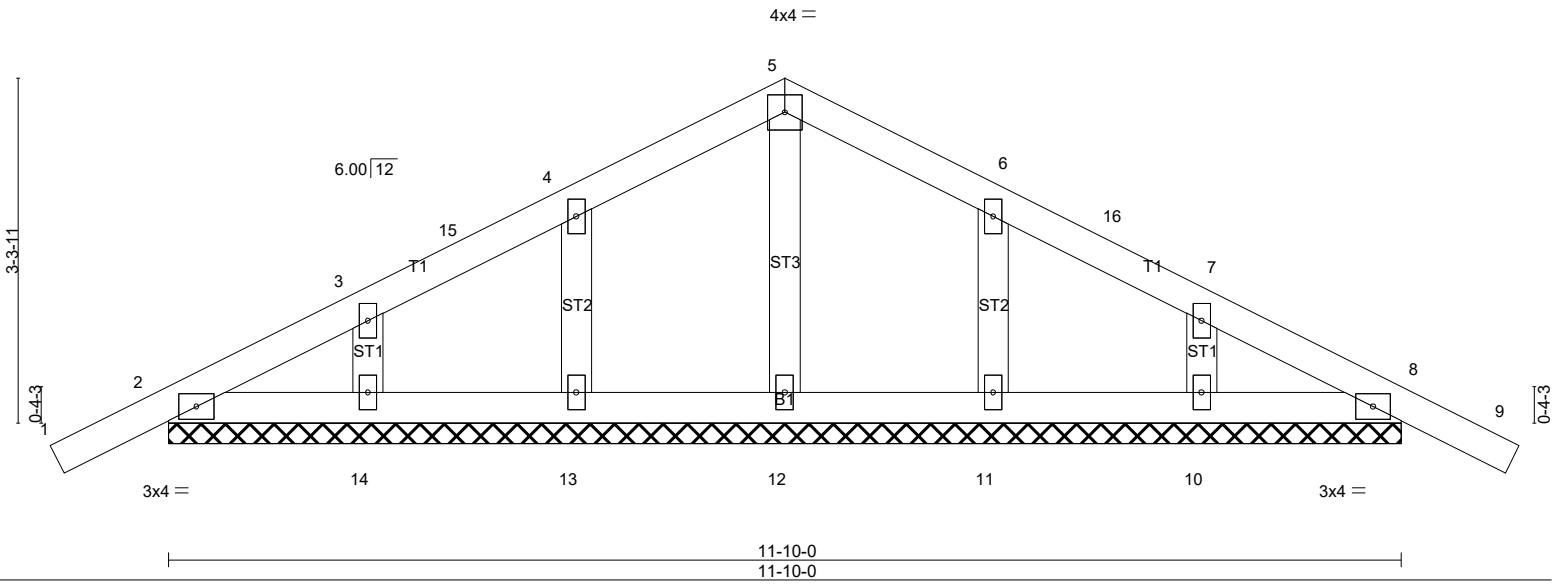
Job	Truss	Truss Type	Qty	Ply	Rockwell/Avery7/2(ID)DG
B1140-19	E1G	Common Supported Gable	1	1	

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.300 s Jun 26 2019 Print: 8.300 s Jun 26 2019 MiTek Industries, Inc. Tue Jul 2 15:33:19 2019 Page 1
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Scale = 1:22.1



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.07	in (loc) l/defl L/d	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.02	Vert(LL) -0.00 9 n/r 120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.04	Vert(CT) -0.00 9 n/r 120		
BCDL 7.0	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.00 8 n/a n/a		
	Code IRC2015/TPI2014			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
 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.

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

REACTIONS. All bearings 11-10-0.
 (lb) - Max Horz=45(LC 11)
 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) 2, 8, 12, 13, 14, 11, 10

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCCL=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) -1-0-13 to 1-11-0, Exterior(2) 1-11-0 to 5-11-0, Corner(3) 5-11-0 to 8-11-0, Exterior(2) 8-11-0 to 12-10-13 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
 - 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 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.
 - 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