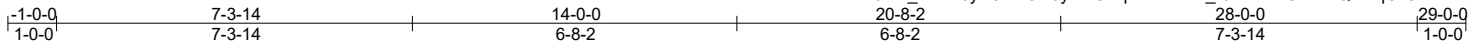


Job	Truss	Truss Type	Qty	Ply	Rockwell/Skyline2/23(ID)DG
B0284-21	A1	Common	6	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:08 2021 Page 1

ID:clc6?et_nXrm6yR9trNOY3yTDCr-q4BWs7Ps_r6saED2Gr1LwQHEqCk5ZiwcxR4z9rziDS



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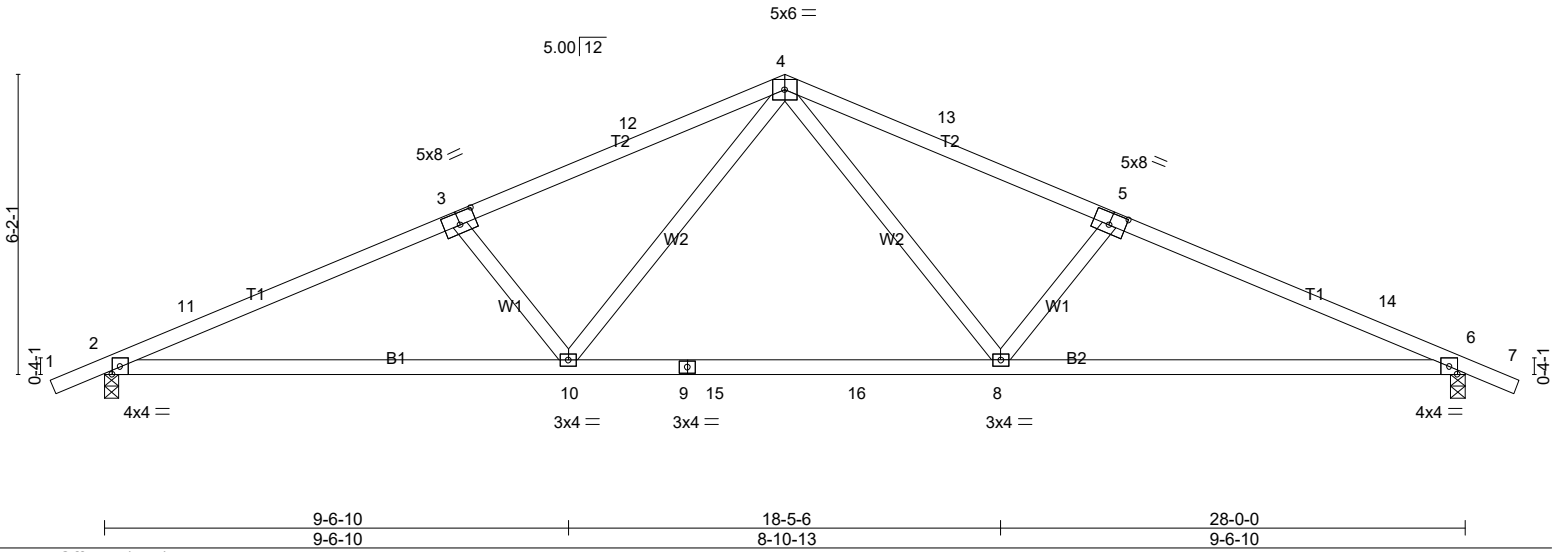


Plate Offsets (X,Y)-- [3:0-4-0,0-3-0], [5:0-4-0,0-3-0]

LOADING(psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.63	Vert(LL)	-0.26	2-10	>999	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.71	Vert(CT)	-0.43	2-10	>767		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.40	Horz(CT)	0.09	6	n/a		
BCDL 7.0	Rep Stress Incr YES	Matrix-R	Wind(LL)	0.07	2-10	>999		
	Code IRC2018/TPI2014						Weight: 111 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 3-0-14 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=1489/0-3-8 (min. 0-1-9), 6=1489/0-3-8 (min. 0-1-9)
 Max Horz2=68(LC 11)
 Max Uplift2=-111(LC 12), 6=-111(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-11=-2811/218, 3-11=-2703/239, 3-12=-2467/220, 4-12=-2368/230, 4-13=-2368/230,
 5-13=-2467/220, 5-14=-2703/239, 6-14=-2811/218
 BOT CHORD 2-10=-162/2494, 9-10=-67/1672, 9-15=-67/1672, 15-16=-67/1672, 8-16=-67/1672,
 6-8=-166/2484
 WEBS 4-8=-36/896, 5-8=-614/130, 4-10=-36/896, 3-10=-614/130

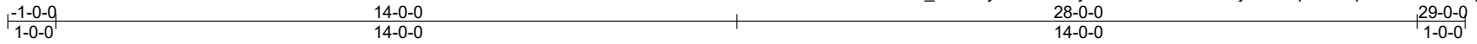
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=28ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-0-11 to 1-11-5, Interior(1) 1-11-5 to 14-0-0, Exterior(2R) 14-0-0 to 17-0-0, Interior(1) 17-0-0 to 29-0-11 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=111, 6=111.
 - This truss is designed in accordance with the 2018 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/Skyline2/23(ID)DG
B0284-21	A1G	Common Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:09 2021 Page 1
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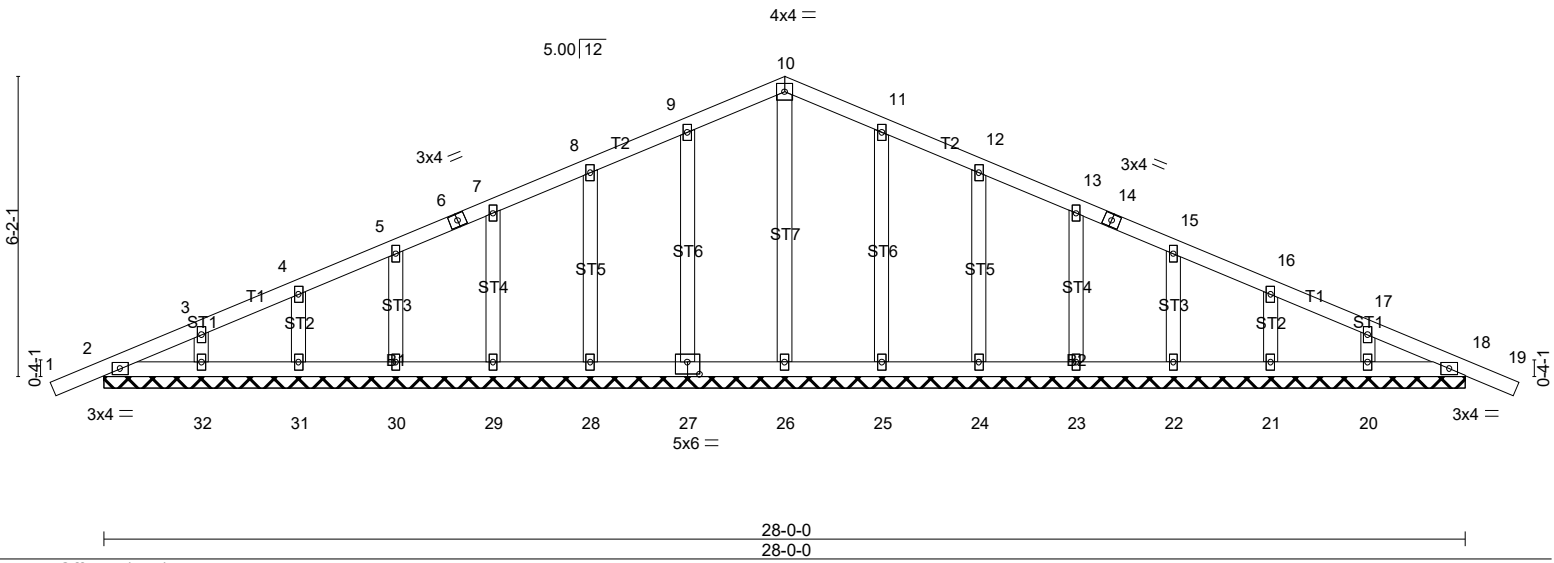


Plate Offsets (X,Y)--[27:0-3-0,0-3-0]

LOADING(psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.06	Vert(LL)	-0.00	19	n/r	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.02	Vert(CT)	-0.00	19	n/r		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.10	Horz(CT)	0.00	18	n/a		
BCDL 7.0	Rep Stress Incr YES	Matrix-R						
	Code IRC2018/TPI2014							
							Weight: 134 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 28-0-0.
 (lb) - Max Horz2=68(LC 11)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 27, 28, 29, 30, 31, 32, 25, 24, 23, 22, 21, 20, 18
 Max Grav All reactions 250 lb or less at joint(s) 2, 26, 27, 28, 29, 30, 31, 32, 25, 24, 23, 22, 21, 20, 18

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 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=28ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3E) -1-0-11 to 2-0-0, Exterior(2N) 2-0-0 to 14-0-0, Corner(3R) 14-0-0 to 17-0-0, Exterior(2N) 17-0-0 to 29-0-11 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, 27, 28, 29, 30, 31, 32, 25, 24, 23, 22, 21, 20, 18.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

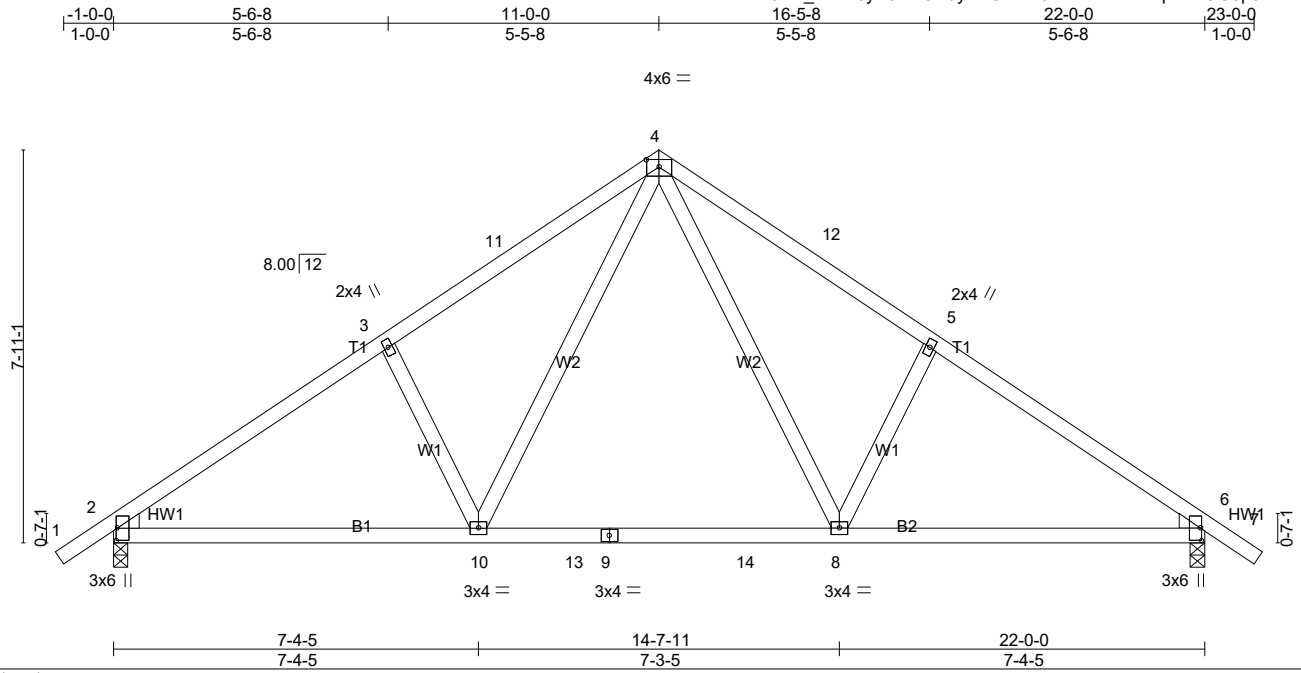
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Rockwell/Skyline2/23(ID)DG
B0284-21	B1	Common	2	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:10 2021 Page 1

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

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 0.36	Vert(LL)	-0.10 8-10	>999	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.38	Vert(CT)	-0.13 8-10	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.26	Horz(CT)	0.03 6	n/a	n/a		
BCDL 7.0	Code IRC2018/TPI2014		Matrix-R	Wind(LL)	0.02 2-10	>999	240		
								Weight: 104 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 5-0-10 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=1191/0-3-8 (min. 0-1-8), 6=1191/0-3-8 (min. 0-1-8)
 Max Horz2=126(LC 11)
 Max Uplift2=-94(LC 12), 6=-94(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1547/121, 3-11=-1367/149, 4-11=-1258/163, 4-12=-1258/163, 5-12=-1367/149,
 5-6=-1547/121
 BOT CHORD 2-10=-34/1242, 10-13=0/843, 9-13=0/843, 9-14=0/843, 8-14=0/843, 6-8=-33/1162
 WEBS 4-8=-48/606, 5-8=-384/114, 4-10=-48/606, 3-10=-384/114

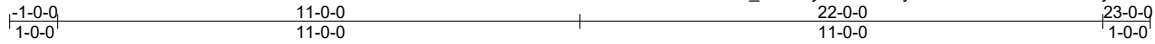
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-1-0 to 1-11-0, Interior(1) 1-11-0 to 11-0-0, Exterior(2R) 11-0-0 to 14-0-0, Interior(1) 14-0-0 to 23-1-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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 capable of withstanding 100 lb uplift at joint(s) 2, 6.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job B0284-21	Truss B1G	Truss Type Common Supported Gable	Qty 1	Ply 1	Rockwell/Skyline2/23(ID)DG
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Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:11 2021 Page 1
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4x4 =

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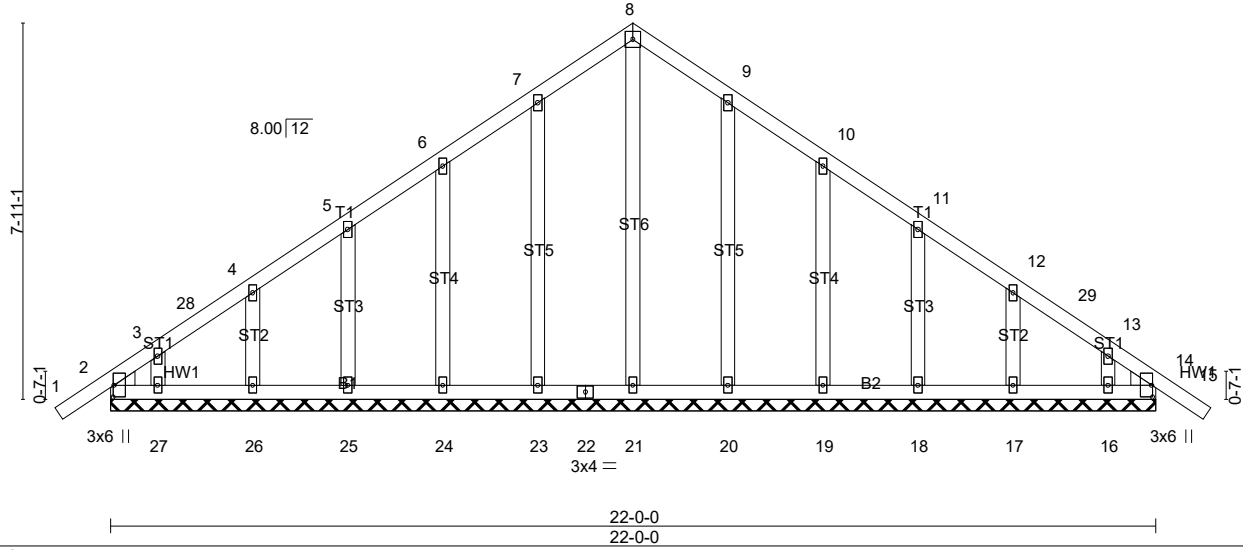


Plate Offsets (X,Y)--[2:0-3-0,0-0-4], [14:0-3-0,0-0-4]

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	15	n/r	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.04	Vert(CT)	-0.00	15	n/r		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.14	Horz(CT)	0.00	14	n/a		
BCDL 7.0	Rep Stress Incr YES	Matrix-R						
	Code IRC2018/TPI2014						Weight: 126 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 22-0-0.
 (lb) - Max Horz=126(LC 11)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 23, 24, 25, 26, 27, 20, 19, 18, 17, 16, 14
 Max Grav All reactions 250 lb or less at joint(s) 2, 21, 23, 24, 25, 26, 27, 20, 19, 18, 17, 16, 14

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 7-16; 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(3E) -1-1-0 to 1-11-0, Exterior(2N) 1-11-0 to 11-0-0, Corner(3R) 11-0-0 to 14-0-0, Exterior(2N) 14-0-0 to 23-1-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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, 23, 24, 25, 26, 27, 20, 19, 18, 17, 16, 14.
 - This truss is designed in accordance with the 2018 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/Skyline2/23(ID)DG
B0284-21	B2	Common Girder	1	2	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:13 2021 Page 1
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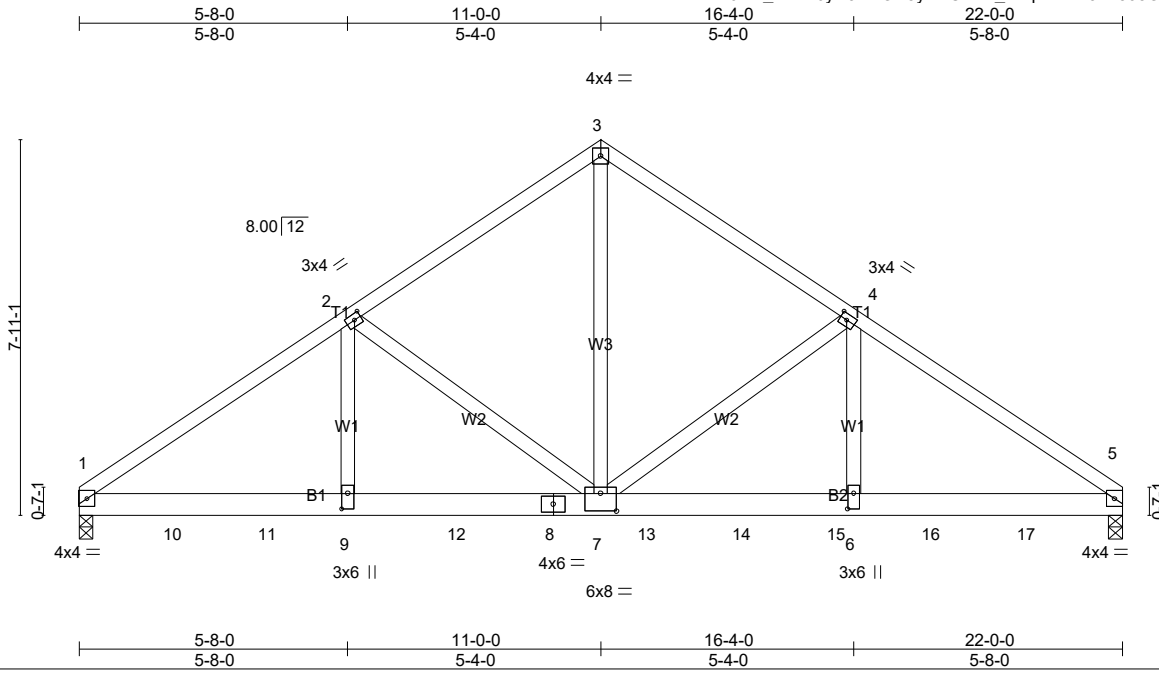


Plate Offsets (X,Y)-- [2:0-1-12,0-1-8], [4:0-1-12,0-1-8], [6:0-4-0,0-1-8], [7:0-4-0,0-4-8], [9:0-4-0,0-1-8]

LOADING(psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.39	in (loc) l/defl L/d	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.56	Vert(LL) -0.12 6-7 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.90	Vert(CT) -0.16 6-7 >999 240		
BCDL 7.0	Rep Stress Incr NO	Matrix-R	Horz(CT) 0.05 5 n/a n/a		
	Code IRC2018/TPI2014		Wind(LL) 0.03 6-7 >999 240		
				Weight: 239 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 5-3-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=4310/0-3-8 (min. 0-2-5), 5=4265/0-3-8 (min. 0-2-4)
 Max Horz1=117(LC 33)
 Max Uplift1=-269(LC 8), 5=-269(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-6212/406, 2-3=-4209/326, 3-4=-4209/326, 4-5=-6218/409
 BOT CHORD 1-10=-276/4974, 10-11=-276/4974, 9-11=-276/4974, 9-12=-276/4974, 8-12=-276/4974,
 7-8=-276/4974, 7-13=-278/4977, 13-14=-278/4977, 14-15=-278/4977, 6-15=-278/4977,
 6-16=-278/4977, 16-17=-278/4977, 5-17=-278/4977
 WEBS 3-7=-274/4067, 4-7=-2001/183, 4-6=-87/1983, 2-7=-1997/180, 2-9=-83/1975

- 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 0-9-0 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 7-16; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BC DL=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=269, 5=269.
 - This truss is designed in accordance with the 2018 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) 639 lb down and 46 lb up at 1-11-4, 639 lb down and 46 lb up at 3-11-4, 639 lb down and 46 lb up at 5-11-4, 639 lb down and 46 lb up at 7-11-4, 639 lb down and 46 lb up at 9-11-4, 641 lb down and 47 lb up at 11-11-4, 641 lb down and 47 lb up at 13-11-4, 641 lb down and 47 lb up at 15-11-4, and 641 lb down and 47 lb up at 17-11-4, and 641 lb down and 47 lb up at 19-11-4 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

Job	Truss	Truss Type	Qty	Ply	Rockwell/Skyline2/23(ID)DG
B0284-21	B2	Common Girder	1	2	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:13 2021 Page 2
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LOAD CASE(S) Standard

Uniform Loads (plf)

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

Concentrated Loads (lb)

Vert: 8=-639(B) 9=-639(B) 10=-639(B) 11=-639(B) 12=-639(B) 13=-641(B) 14=-641(B) 15=-641(B) 16=-641(B) 17=-641(B)

Job B0284-21	Truss C1G	Truss Type GABLE	Qty 1	Ply 1	Rockwell/Skyline2/23(ID)DG
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Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:14 2021 Page 1
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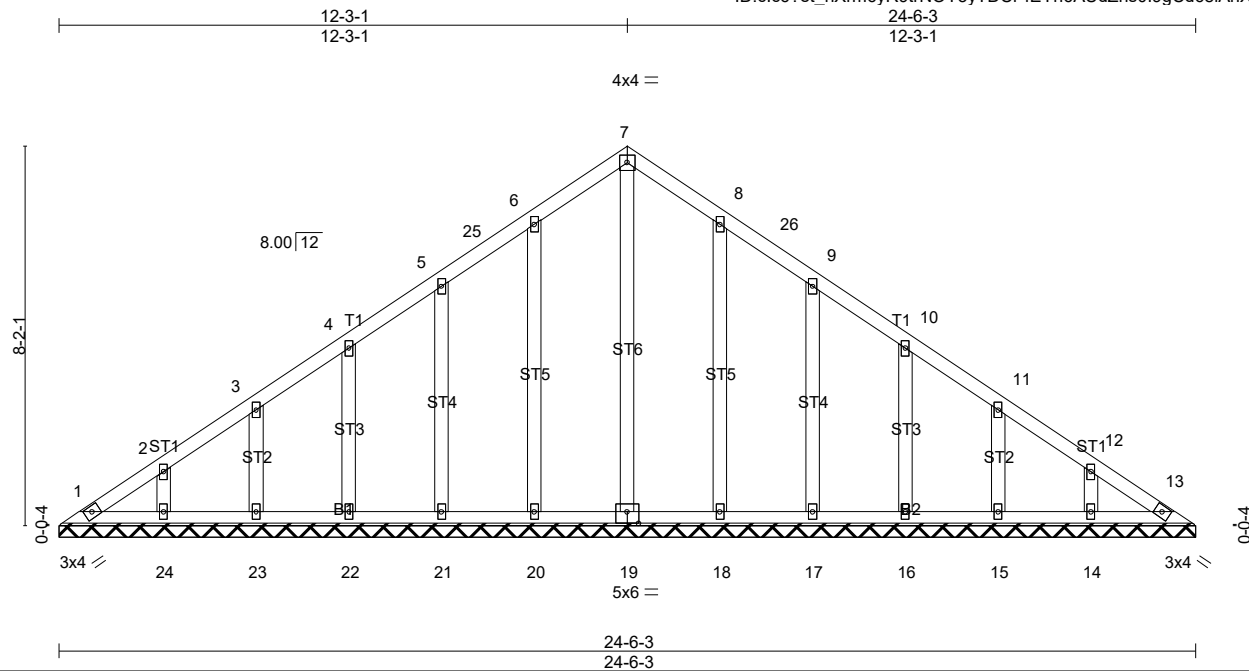


Plate Offsets (X,Y)--[19:0-3-0,0-3-0]

LOADING(psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0 Plate Grip DOL 1.15	TC 0.04	Vert(LL)	n/a	-	n/a	MT20	220/195
TCDL 8.0	Lumber DOL 1.15	BC 0.02	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.15	Horz(CT)	0.00	13	n/a		
BCDL 7.0	Code IRC2018/TPI2014	Matrix-R						
							Weight: 131 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 24-6-3.
(lb) - Max Horz1=-123(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 20, 21, 22, 23, 24, 18, 17, 16, 15, 14
Max Grav All reactions 250 lb or less at joint(s) 1, 13, 19, 20, 21, 22, 23, 24, 18, 17, 16, 15, 14

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 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCCL=4.2psf; BCCL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) 0-5-12 to 3-5-12, Interior(1) 3-5-12 to 12-3-1, Exterior(2R) 12-3-1 to 15-3-1, Interior(1) 15-3-1 to 24-0-7 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - 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, 20, 21, 22, 23, 24, 18, 17, 16, 15, 14.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

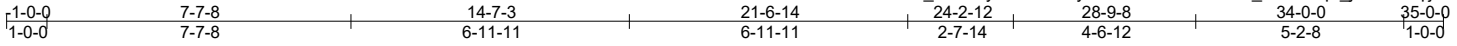
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Rockwell/Skyline2/23(ID)DG
B0284-21	D1	ROOF SPECIAL	4	1	

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:15 2021 Page 1

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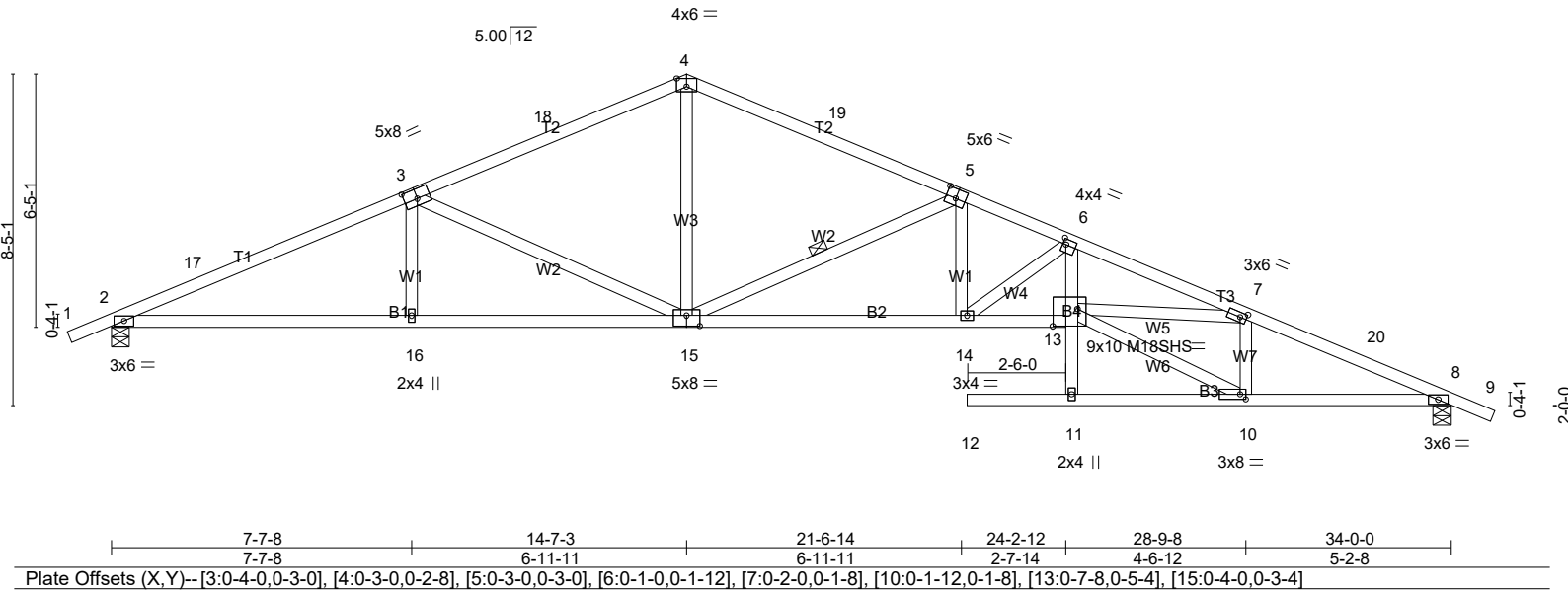


Plate Offsets (X,Y)--[3:0-4-0,0-3-0], [4:0-3-0,0-2-8], [5:0-3-0,0-3-0], [6:0-1-0,0-1-12], [7:0-2-0,0-1-8], [10:0-1-12,0-1-8], [13:0-7-8,0-5-4], [15:0-4-0,0-3-4]

LOADING(psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	Plate Grip DOL	1.15	TC 0.82	Vert(LL)	-0.65	12	>619	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.83	Vert(CT)	-0.98	12	>412	240	M18SHS	220/195
BCLL 0.0 *	Rep Stress Incr	YES	WB 1.00	Horz(CT)	0.31	8	n/a	n/a		
BCDL 7.0	Code IRC2018/TPI2014		Matrix-R	Wind(LL)	0.20	12	>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 2400F 2.0E
 WEBS 2x4 DF Stud/Std *Except*
 W6,W5: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr

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: 11-13
 WEBS 1 Row at midpt 5-15

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

REACTIONS. (lb/size) 2=1799/0-5-8 (min. 0-1-15), 8=1813/0-5-8 (min. 0-1-15)
 Max Horz2=-93(LC 10)
 Max Uplift2=-120(LC 12), 8=-117(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-17=-3555/213, 3-17=-3436/231, 3-18=-2644/199, 4-18=-2439/219, 4-19=-2522/216,
 5-19=-2637/204, 5-6=-4545/267, 6-7=-6755/323, 7-20=-3627/213, 8-20=-3708/203
 BOT CHORD 2-16=-110/3152, 15-16=-112/3148, 14-15=-140/4165, 13-14=-204/6158, 6-13=-41/2083,
 8-10=-155/3317
 WEBS 3-16=0/262, 3-15=-966/103, 4-15=-31/1341, 5-15=-2024/130, 5-14=0/1118, 6-14=-2414/80,
 10-13=-160/3520, 7-13=-57/2836, 7-10=-1548/110

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=34ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-0-11 to 2-4-2, Interior(1) 2-4-2 to 14-7-3, Exterior(2R) 14-7-3 to 18-0-0, Interior(1) 18-0-0 to 35-0-11 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=120, 8=117.
 - 7) This truss is designed in accordance with the 2018 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/Skyline2/23(ID)DG
B0284-21	D1G	Roof Special Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

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ID:clc6?et_nXrm6yR9trNOY3yTDCr-3pEwICWWscEa9cPnlEhSoK9urqzTArZx?LmyzqiDS

1-0-0	14-7-3	21-8-12	34-0-0	35-0-0
1-0-0	14-7-3	7-1-9	12-3-4	1-0-0

Scale = 1:58.7

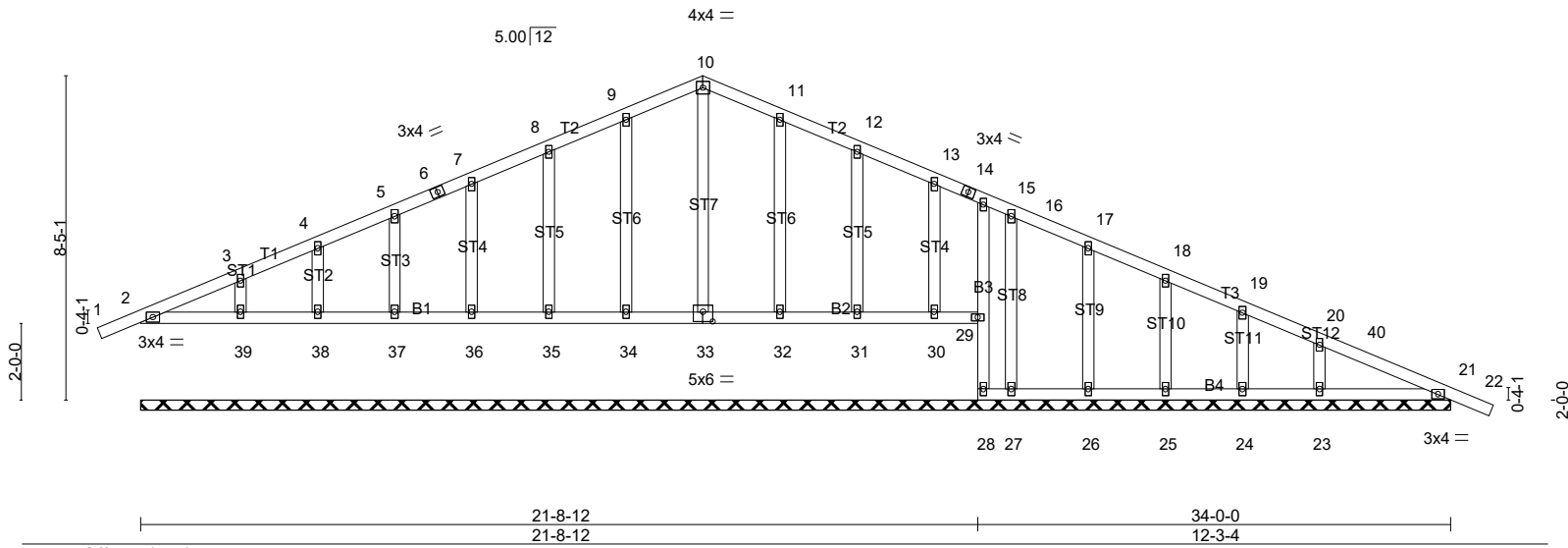


Plate Offsets (X,Y)--[33:0-3-0,0-3-0]

LOADING(psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.10	in (loc) l/defl L/d	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.11	Vert(LL) 0.00 22 n/r 120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.11	Vert(CT) 0.00 22 n/r 120		
BCDL 7.0	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.01 21 n/a n/a		
	Code IRC2018/TPI2014			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 Stud/Std
 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 34-0-0.
 (lb) - Max Horz=-93(LC 10)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 28, 21, 34, 35, 36, 37, 38, 39, 32, 31, 30, 27, 26, 25, 24, 23, 29
 Max Grav All reactions 250 lb or less at joint(s) 2, 28, 21, 33, 34, 35, 36, 37, 38, 39, 32, 31, 30, 27, 26, 25, 24, 29 except 23=318(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 9-10=-123/254, 10-11=-123/254
 WEBS 20-23=-259/97

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BC DL=4.2psf; h=25ft; B=45ft; L=34ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3E) -1-0-11 to 2-7-3, Exterior(2N) 2-7-3 to 14-7-3, Corner(3R) 14-7-3 to 18-0-0, Exterior(2N) 18-0-0 to 35-0-11 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.
 - Bearing at joint(s) 29 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, 28, 21, 34, 35, 36, 37, 38, 39, 32, 31, 30, 27, 26, 25, 24, 23, 29.
 - Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 33, 34, 35, 36, 37, 38, 39, 32, 31, 30.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

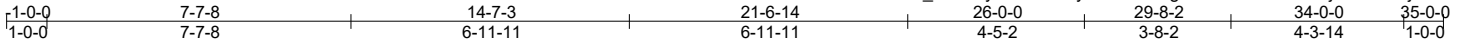
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Rockwell/Skyline2/23(ID)DG
B0284-21	D2	ROOF SPECIAL	1	1	

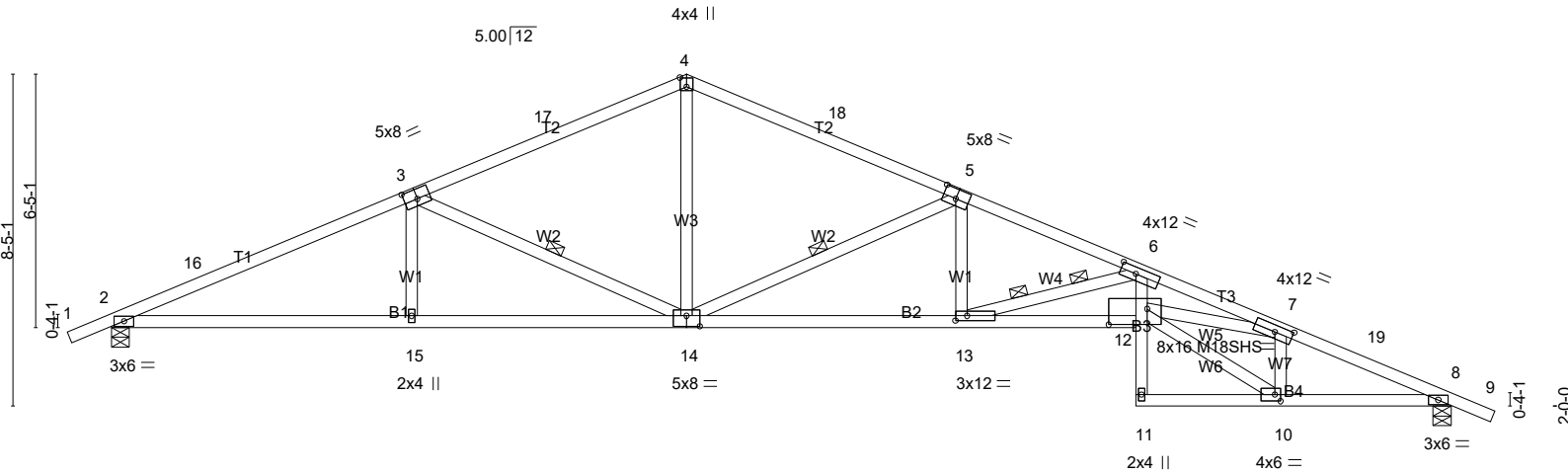
Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:19 2021 Page 1

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7-7-8	14-7-3	21-6-14	26-0-0	29-8-2	34-0-0
7-7-8	6-11-11	6-11-11	4-5-2	3-8-2	4-3-14

Plate Offsets (X,Y)--[3:0-4-0,0-3-0], [4:0-2-12,0-2-0], [5:0-4-0,0-3-0], [6:0-4-12,0-2-0], [7:0-5-8,0-2-0], [10:0-1-12,0-2-0], [12:0-11-12,0-4-12], [13:0-3-8,0-1-8], [14:0-4-0,0-3-4]

LOADING(psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	Plate Grip DOL	1.15	TC 0.89	Vert(LL)	-0.78 12-13	>516	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.96	Vert(CT)	-1.12 12-13	>360	240	M18SHS	220/195
BCLL 0.0 *	Rep Stress Incr	YES	WB 1.00	Horz(CT)	0.49 8	n/a	n/a		
BCDL 7.0	Code IRC2018/TPI2014		Matrix-SH	Wind(LL)	0.24 12-13	>999	240		

Weight: 157 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	TOP CHORD Structural wood sheathing directly applied or 1-8-5 oc purlins.
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except* B2: 2x4 DF 2400F 2.0E	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 12-13.
WEBS 2x4 DF Stud/Std *Except* W6,W5: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	WEBS 1 Row at midpt 3-14, 5-14 2 Rows at 1/3 pts 6-13

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

REACTIONS. (lb/size) 2=1788/0-5-8 (min. 0-1-15), 8=1788/0-5-8 (min. 0-1-15)
Max Horz2=-93(LC 10)
Max Uplift2=-128(LC 12), 8=-132(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-3537/234, 3-16=-3420/252, 3-17=-2594/213, 4-17=-2466/233, 4-18=-2466/231,
5-18=-2591/220, 5-6=-4521/321, 6-7=-9299/568, 7-19=-3613/247, 8-19=-3687/240
BOT CHORD 2-15=-130/3138, 14-15=-131/3134, 13-14=-193/4136, 12-13=-459/8749, 6-12=-139/3004,
8-10=-191/3307
WEBS 3-15=0/263, 3-14=-993/114, 4-14=-56/1369, 5-14=-2055/178, 5-13=-2/1006, 6-13=-4759/275,
10-12=-212/3625, 7-12=-262/5216, 7-10=-1929/151

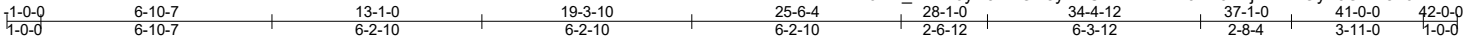
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=34ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-0-11 to 2-4-2, Interior(1) 2-4-2 to 14-7-3, Exterior(2R) 14-7-3 to 18-0-0, Interior(1) 18-0-0 to 35-0-11 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=128, 8=132.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

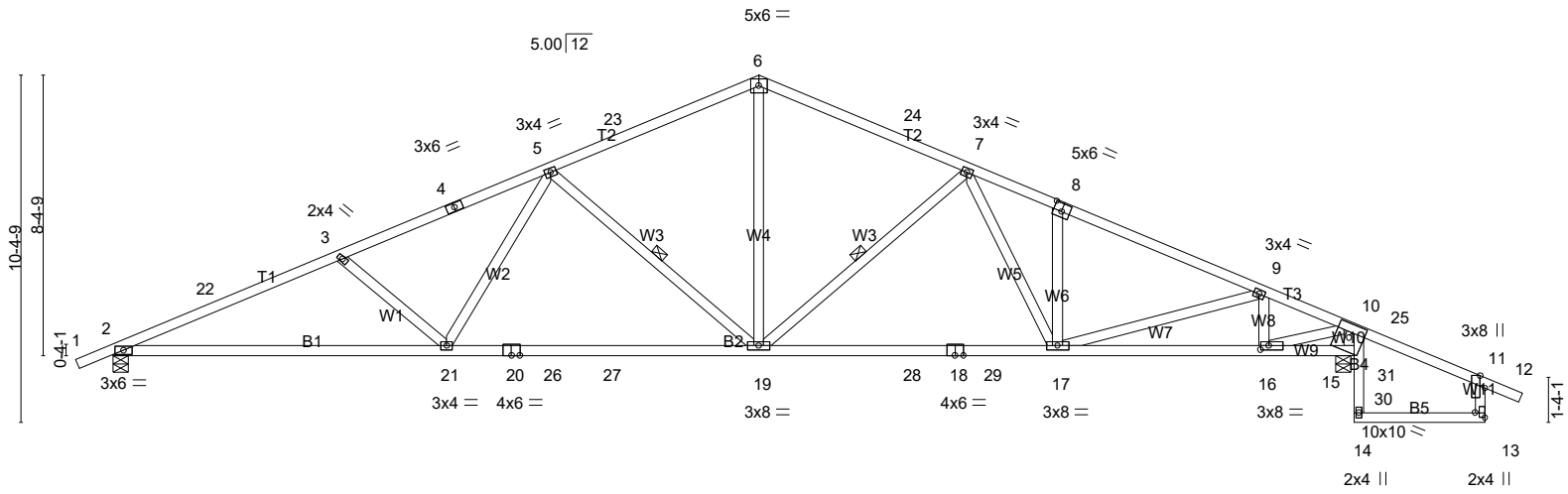
Job B0284-21	Truss E1	Truss Type ROOF SPECIAL	Qty 5	Ply 1	Rockwell/Skyline2/23(ID)DG
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Snake River Truss & Components, Idaho Falls, ID 83401

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Scale = 1:68.3



9-11-11 9-11-11	19-3-10 9-3-15	28-1-0 8-9-6	34-4-12 6-3-12	37-0-037-1-0 2-7-4 0-1-0	41-0-0 3-11-0
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Plate Offsets (X,Y)--[8:0-3-0,0-3-0], [11:0-4-8,0-1-12], [13:Edge,0-3-8], [16:0-3-0,0-1-8]

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 0.90	Vert(LL)	-0.36 19-21	>999	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.84	Vert(CT)	-0.52 19-21	>862	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.58	Horz(CT)	0.14 15	n/a	n/a		
BCDL 7.0	Code IRC2018/TPI2014		Matrix-R	Wind(LL)	0.08 21	>999	240		
								Weight: 197 lb	FT = 0%

LUMBER-	BRACING-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	TOP CHORD Structural wood sheathing directly applied or 2-5-14 oc purlins, except end verticals.
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: 15-16,13-14.
WEBS 2x4 DF Stud/Std *Except* W9: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	WEBS 1 Row at midpt 5-19, 7-19

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

REACTIONS. (lb/size) 2=1933/0-5-8 (min. 0-2-1), 15=2344/0-5-8 (min. 0-2-8)
 Max Horz2=155(LC 11)
 Max Uplift2=-134(LC 12), 15=-164(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-22=-3903/266, 3-22=-3815/286, 3-4=-3513/247, 4-5=-3422/257, 5-23=-2391/220,
 6-23=-2275/238, 6-24=-2313/237, 7-24=-2387/224, 7-8=-3100/243, 8-9=-3150/205,
 9-10=-2541/75, 10-25=-69/426, 11-25=-80/397
 BOT CHORD 2-21=-217/3586, 20-21=-140/2879, 20-26=-140/2879, 26-27=-140/2879, 19-27=-140/2879,
 19-28=-97/2613, 18-28=-97/2613, 18-29=-97/2613, 17-29=-97/2613, 16-17=-28/2311,
 15-16=-948/364, 10-15=-2045/160, 14-31=-279/85, 13-31=-279/85
 WEBS 3-21=-545/114, 5-21=0/728, 5-19=-971/125, 6-19=-51/1319, 7-19=-721/89, 8-17=-382/81,
 9-17=-75/573, 9-16=-779/140, 7-17=0/489, 10-16=-375/3150

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BC DL=4.2psf; h=25ft; B=45ft; L=41ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-0-11 to 3-0-8, Interior(1) 3-0-8 to 19-3-10, Exterior(2R) 19-3-10 to 23-4-13, Interior(1) 23-4-13 to 42-0-11 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=134, 15=164.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

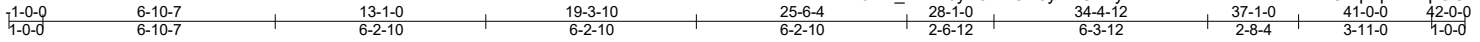
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Rockwell/Skyline2/23(ID)DG
B0284-21	E1G	GABLE	1	1	

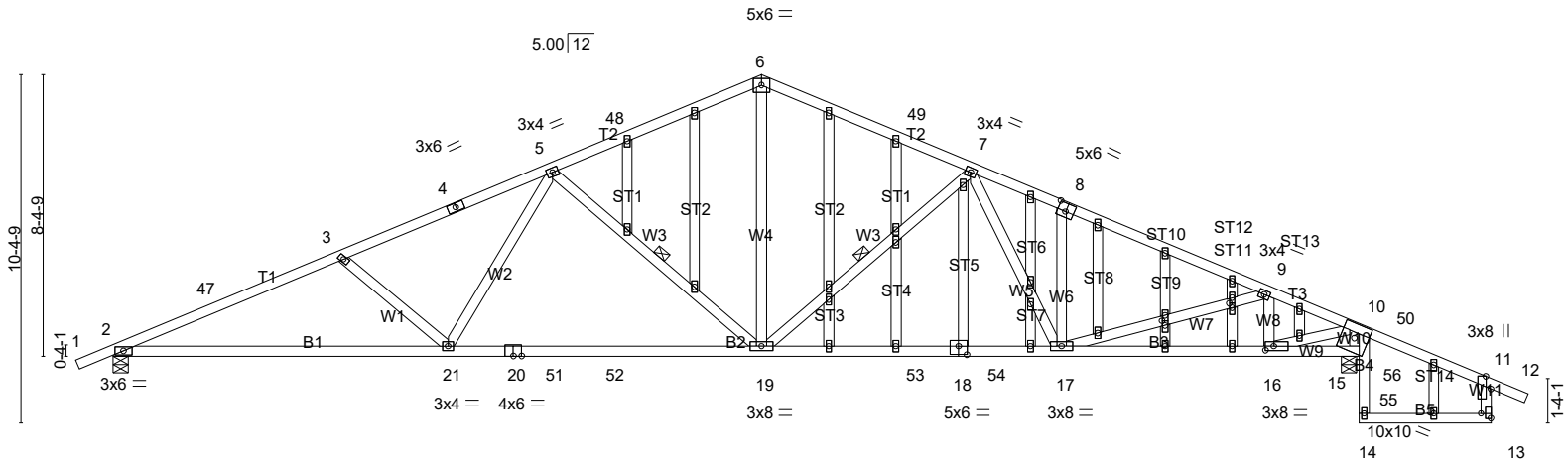
Snake River Truss & Components, Idaho Falls, ID 83401

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9-11-11	19-3-10	28-1-0	34-4-12	37-0-037-1-0	41-0-0
9-11-11	9-3-15	8-9-6	6-3-12	2-7-4 0-1-0	3-11-0

Plate Offsets (X,Y)--[8:0-3-0,0-3-0], [11:0-4-8,0-1-12], [13:Edge,0-3-8], [16:0-3-0,0-1-8], [18:0-3-0,0-3-0], [40:0-1-10,0-1-0], [43:0-1-10,0-1-0]

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 0.90	Vert(LL)	-0.36 19-21	>999	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.84	Vert(CT)	-0.52 19-21	>862	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.58	Horz(CT)	0.14 15	n/a	n/a		
BCDL 7.0	Code IRC2018/TPI2014		Matrix-R	Wind(LL)	0.08 21	>999	240		
								Weight: 252 lb	FT = 0%

LUMBER-	BRACING-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	TOP CHORD Structural wood sheathing directly applied or 2-5-14 oc purlins, except end verticals.
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:
WEBS 2x4 DF Stud/Std *Except*	6-0-0 oc bracing: 15-16,13-14.
W9: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	1 Row at midpt 5-19, 7-19
OTHERS 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=1933/0-5-8 (min. 0-2-1), 15=2344/0-5-8 (min. 0-2-8)
 Max Horz2=155(LC 11)
 Max Uplift2=-134(LC 12), 15=-164(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-47=-3903/266, 3-47=-3815/286, 3-4=-3513/247, 4-5=-3422/257, 5-48=-2391/220,
 6-48=-2275/238, 6-49=-2313/237, 7-49=-2387/224, 7-8=-3100/243, 8-9=-3150/205,
 9-10=-2541/75, 10-50=-69/426, 11-50=-80/397
 BOT CHORD 2-21=-217/3586, 20-21=-140/2879, 20-51=-140/2879, 51-52=-140/2879, 19-52=-140/2879,
 19-53=-97/2613, 18-53=-97/2613, 18-54=-97/2613, 17-54=-97/2613, 16-17=-28/2311,
 15-16=-948/364, 10-15=-2045/160, 14-56=-279/85, 13-56=-279/85
 WEBS 3-21=-545/114, 5-21=0/728, 5-19=-971/125, 6-19=-51/1319, 7-19=-721/89, 8-17=-382/81,
 9-17=-75/573, 9-16=-779/140, 7-17=0/489, 10-16=-375/3150

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=41ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-0-11 to 3-0-8, Interior(1) 3-0-8 to 19-3-10, Exterior(2R) 19-3-10 to 23-4-13, Interior(1) 23-4-13 to 42-0-11 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 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, with BCDL = 7.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=134, 15=164.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

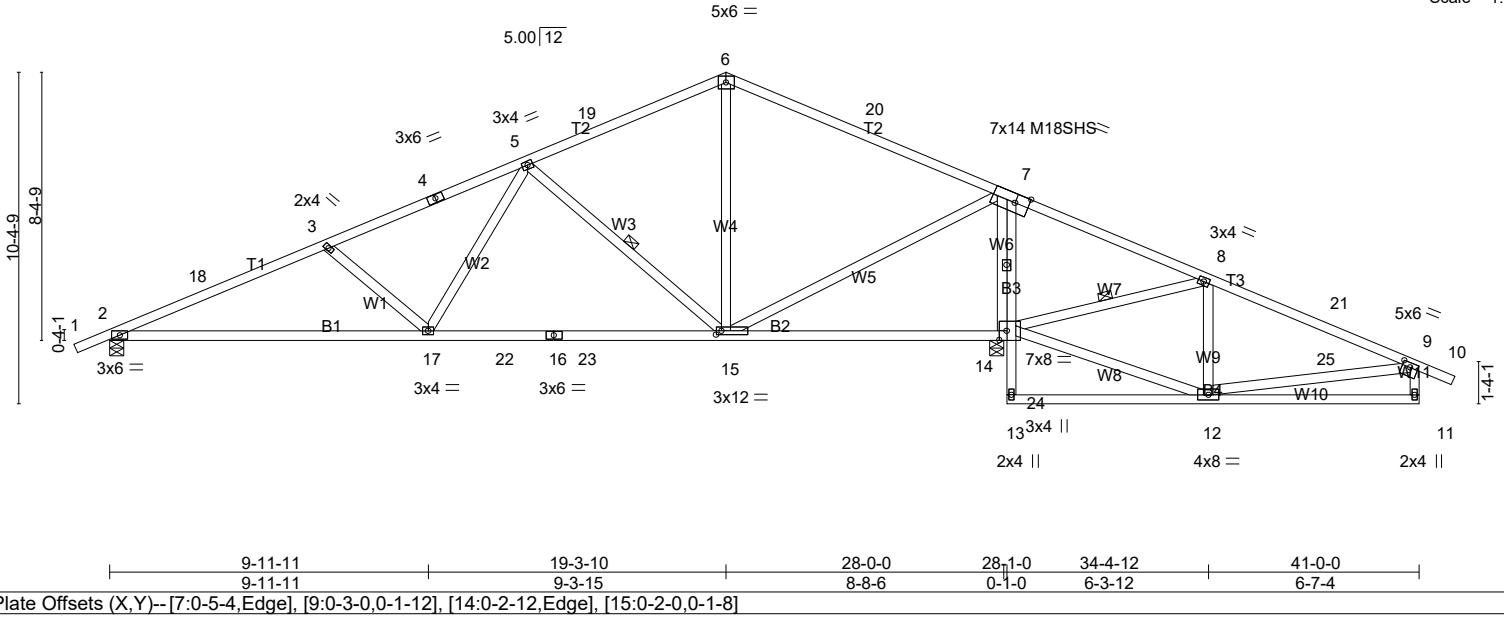
Job B0284-21	Truss E2	Truss Type ROOF SPECIAL	Qty 3	Ply 1	Rockwell/Skyline2/23(ID)DG
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Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:24 2021 Page 1
ID:clc6?et_nXrm6yR9trNOY3yTDcr-M99ZDbcvCm7bVhR7CCJ5aoxt2f8Jt9zeczyjwziD

1-0-0	6-10-7	13-1-0	19-3-10	28-1-0	34-4-12	41-0-0	42-0-0
1-0-0	6-10-7	6-2-10	6-2-10	8-9-6	6-3-12	6-7-4	1-0-0

Scale = 1:72.1



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 0.99	Vert(LL)	-0.23	2-17	>999	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.93	Vert(CT)	-0.38	2-17	>872	M18SHS	220/195
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.70	Horz(CT)	0.04	14	n/a		
BCDL 7.0	Code IRC2018/TPI2014		Matrix-SH	Wind(LL)	0.04	2-17	>999		
								Weight: 212 lb	FT = 0%

LUMBER-
 TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
 BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr *Except*
 B3: 2x4 DF Stud/Std
 WEBS 2x4 DF Stud/Std *Except*
 W5: 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr

BRACING-
 TOP CHORD Structural wood sheathing directly applied, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 4-4-7 oc bracing.
 WEBS 1 Row at midpt 5-15, 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=1163/0-5-8 (min. 0-1-8), 14=3111/0-5-8 (min. 0-3-5)
 Max Horz2=155(LC 11)
 Max Uplift=-80(LC 12), 14=-219(LC 12)
 Max Grav2=1312(LC 23), 14=3111(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-18=-2354/87, 3-18=-2254/107, 3-4=-1889/68, 4-5=-1711/78, 5-19=-766/255, 6-19=-649/284,
 6-20=-648/380, 7-20=-678/244, 7-8=-593/2334, 8-21=-146/816, 9-21=-156/698
 BOT CHORD 2-17=0/2066, 17-22=-51/1350, 16-22=-51/1350, 16-23=-51/1350, 15-23=-51/1350,
 14-15=-2100/642, 7-14=-2822/500
 WEBS 3-17=-575/119, 5-17=0/760, 5-15=-1001/134, 6-15=-598/215, 7-15=-419/2626, 12-14=-678/217,
 8-14=-1459/479, 8-12=-213/531, 9-12=-837/243

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=41ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-0-11 to 3-0-8, Interior(1) 3-0-8 to 19-3-10, Exterior(2R) 19-3-10 to 23-4-13, Interior(1) 23-4-13 to 42-0-11 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 = 7.0psf.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 14=219.
 - 7) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

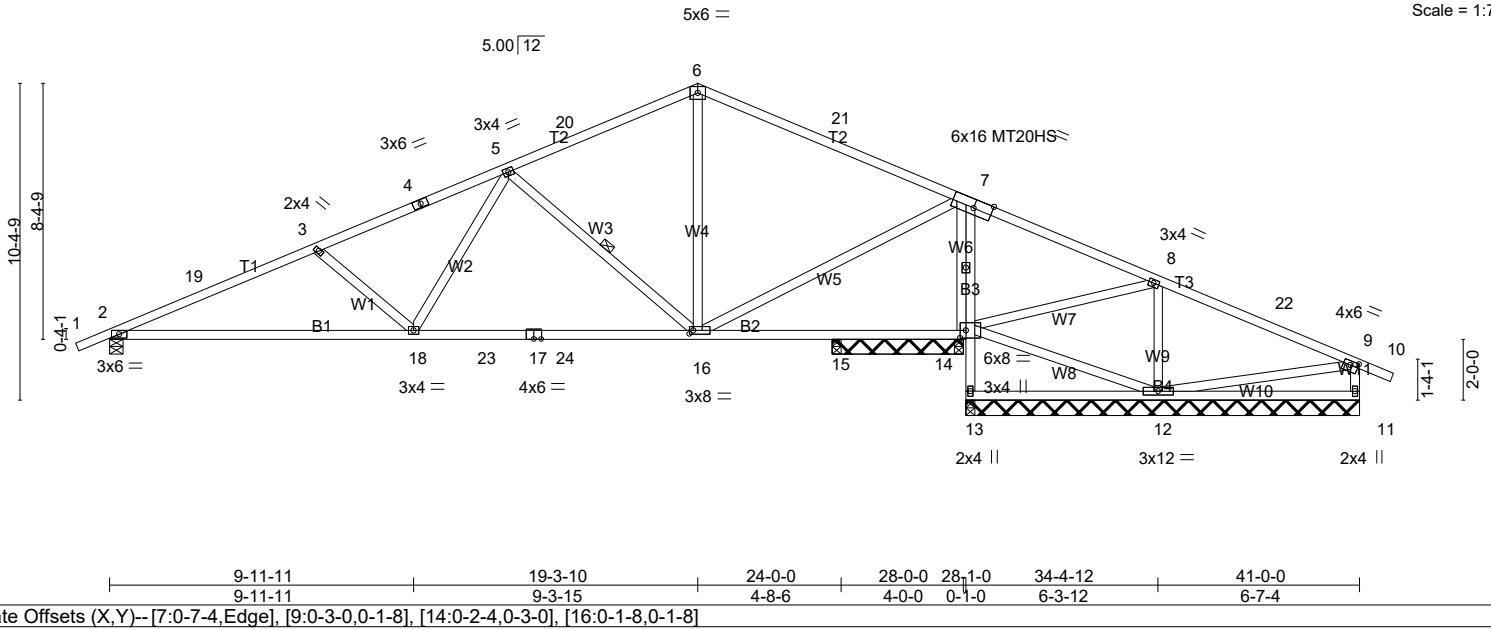
Job	Truss	Truss Type	Qty	Ply	Rockwell/Skyline2/23(ID)DG
B0284-21	E3	ROOF SPECIAL	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:26 2021 Page 1
ID:clc6?et_nXrm6yR9trNOY3yTDCr-IXHKeHd9kNNJI?bWKdLZfD0DwStcnnhF4ERwnoziDS



Scale = 1:75.6



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)	-0.24 16-18	>999	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.75	Vert(CT)	-0.37 2-18	>758	240	MT20HS	165/146
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.70	Horz(CT)	0.05 15	n/a	n/a		
BCDL 7.0	Code IRC2018/TPI2014		Matrix-SH	Wind(LL)	0.05 2-18	>999	240		
								Weight: 212 lb	FT = 0%

LUMBER-	BRACING-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	TOP CHORD Structural wood sheathing directly applied, except end verticals.
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.
B3: 2x4 DF Stud/Std	WEBS 1 Row at midpt 5-16
WEBS 2x4 DF Stud/Std	

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

REACTIONS. All bearings 12-11-0 except (jt=length) 2=0-5-8, 14=4-3-8, 14=4-3-8, 15=0-3-8.
(lb) - Max Horz2=136(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 11, 12 except 2=113(LC 12), 14=155(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 13, 13, 15 except 2=1377(LC 1), 11=394(LC 24), 14=2077(LC 1), 14=2077(LC 1), 12=480(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-19=-2521/198, 3-19=-2422/218, 3-4=-2099/178, 4-5=-1988/188, 5-20=-932/151,
6-20=-827/169, 6-21=-827/158, 7-21=-995/145, 7-8=-26/818, 9-11=-354/97
BOT CHORD 2-18=-127/2300, 18-23=-51/1555, 17-23=-51/1555, 17-24=-51/1555, 16-24=-51/1555,
15-16=-667/116, 14-15=-667/116, 7-14=-1984/209
WEBS 3-18=-562/115, 5-18=0/767, 5-16=-1008/129, 6-16=-52/252, 7-16=-73/1637, 8-14=-568/91,
8-12=-345/217, 9-12=-297/59

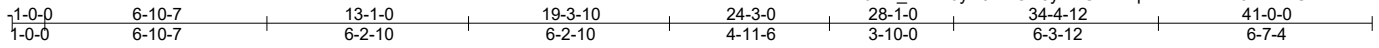
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=41ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-0-11 to 3-0-8, Interior(1) 3-0-8 to 19-3-10, Exterior(2R) 19-3-10 to 23-4-13, Interior(1) 23-4-13 to 42-0-11 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, with BCDL = 7.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 12 except (jt=lb) 2=113, 14=155.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

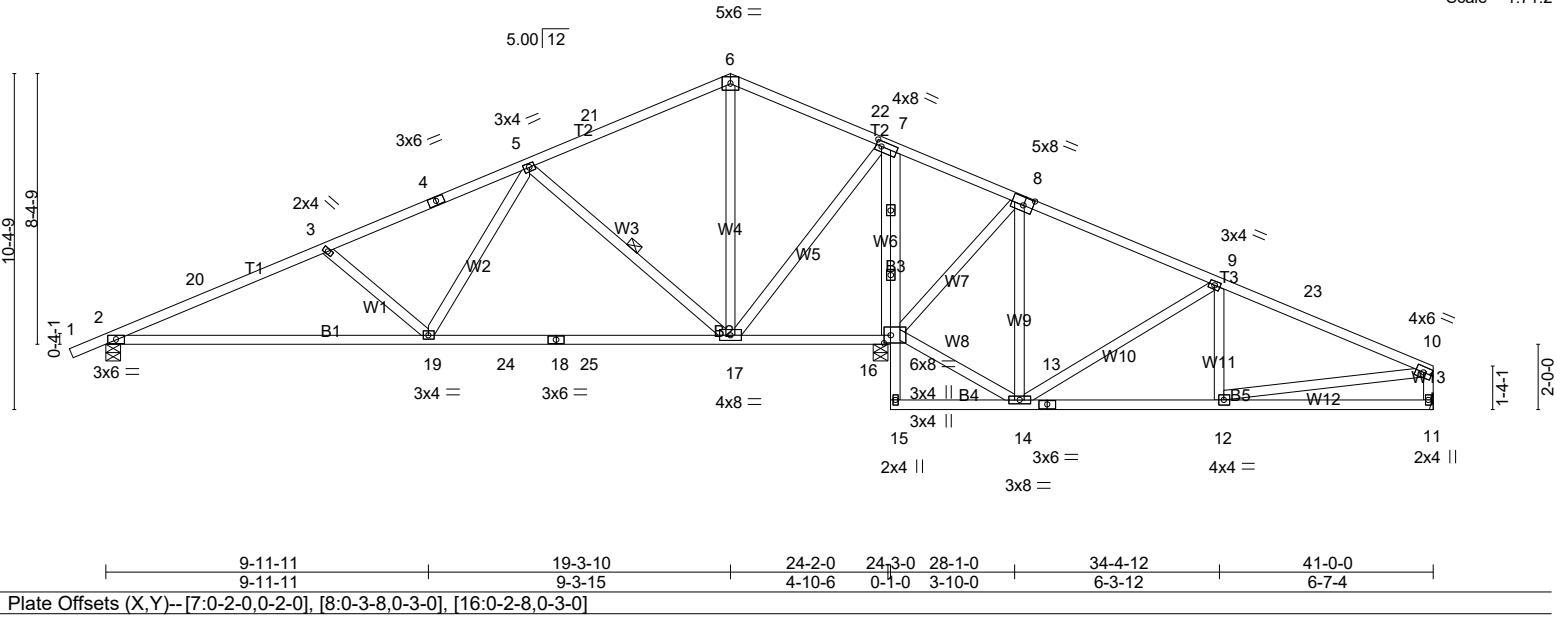
Job	Truss	Truss Type	Qty	Ply	Rockwell/Skyline2/3(ID)DG
B0284-21	E4	ROOF SPECIAL	4	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:27 2021 Page 1
ID:clc67et_nXrm6yR9trNOY3yTDCr-mkqircenVhVAM9AitLoCRZTzsfWEHPJuBUKFziDS



Scale = 1:71.2



LOADING(psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	Plate Grip DOL	1.15	TC 0.63	Vert(LL)	-0.20	2-19	>999	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.62	Vert(CT)	-0.34	2-19	>839		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.67	Horz(CT)	0.03	16	n/a		
BCDL 7.0	Code IRC2018/TPI2014		Matrix-SH	Wind(LL)	0.04	2-19	>999		
								Weight: 226 lb	FT = 0%

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

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 4-2-14 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 5-17

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

REACTIONS. (lb/size) 2=1084/0-5-8 (min. 0-1-8), 16=2590/0-5-8 (min. 0-2-12), 11=497/Mechanical
 Max Horz2=136(LC 11)
 Max Uplift=-92(LC 12), 16=-143(LC 12), 11=-33(LC 12)
 Max Grav2=1100(LC 23), 16=2590(LC 1), 11=655(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-20=-1829/136, 3-20=-1730/156, 3-4=-1385/116, 4-5=-1234/127, 7-8=-17/1041, 8-9=-205/430,
 9-23=-681/184, 10-23=-817/162, 10-11=-611/64
 BOT CHORD 2-19=-85/1641, 19-24=-9/887, 18-24=-9/887, 18-25=-9/887, 17-25=-9/887, 16-17=-884/153,
 7-16=-1939/158, 13-14=-149/666, 12-13=-149/666
 WEBS 3-19=-571/114, 5-19=0/771, 5-17=-1020/135, 6-17=-386/36, 7-17=-76/1559, 14-16=-399/110,
 8-16=-999/118, 8-14=-33/639, 9-14=-742/87, 10-12=-192/511

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=41ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-0-11 to 3-0-8, Interior(1) 3-0-8 to 19-3-10, Exterior(2R) 19-3-10 to 23-4-13, Interior(1) 23-4-13 to 40-10-4 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
 - 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.
 - 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) 2, 11 except (jt=lb) 16=143.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

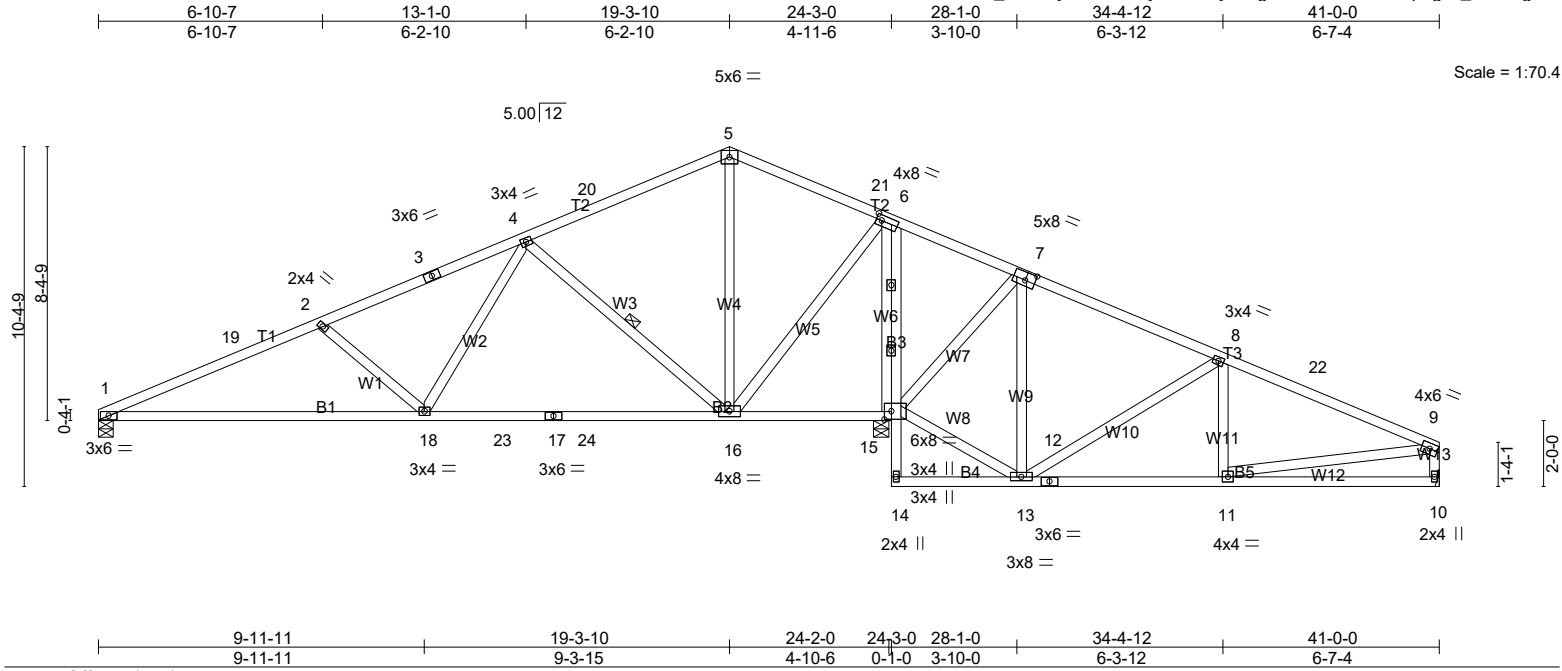
LOAD CASE(S) Standard

Job B0284-21	Truss E5	Truss Type ROOF SPECIAL	Qty 1	Ply 1	Rockwell/Skyline2/23(ID)DG
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Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:29 2021 Page 1

ID:clc6?et_nXrm6yR9trNOY3yTDCr-i6ySGlg11lltcSK4?lvGHsepTgx6_7nimCgbO7ziDS



9-11-11	19-3-10	24-2-0	24-3-0	28-1-0	34-4-12	41-0-0
9-11-11	9-3-15	4-10-6	0-1-0	3-10-0	6-3-12	6-7-4

LOADING(psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP		
TCLL	35.0	Plate Grip DOL	1.15	TC	0.63	Vert(LL)	-0.22	1-18	>999	360	MT20	220/195
TCDL	8.0	Lumber DOL	1.15	BC	0.64	Vert(CT)	-0.37	1-18	>789	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.03	15	n/a	n/a		
BCDL	7.0	Code IRC2018/TPI2014		Matrix-SH		Wind(LL)	0.05	1-18	>999	240		
											Weight: 224 lb	FT = 0%

LUMBER-	BRACING-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	TOP CHORD Structural wood sheathing directly applied or 4-1-7 oc purlins, except end verticals.
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.
B3: 2x4 DF Stud/Std	WEBS 1 Row at midpt 4-16
WEBS 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) 1=969/0-5-8 (min. 0-1-8), 15=2596/0-5-8 (min. 0-2-12), 10=495/Mechanical
 Max Horz1=131(LC 11)
 Max Uplift=-57(LC 12), 15=-146(LC 12), 10=-33(LC 12)
 Max Gravl=987(LC 17), 15=2596(LC 1), 10=655(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-19=-1845/157, 2-19=-1704/169, 2-3=-1394/117, 3-4=-1243/136, 6-7=-18/1046, 7-8=-204/435,
 8-22=-681/188, 9-22=-816/165, 9-10=-611/64
 BOT CHORD 1-18=-87/1655, 18-23=-9/890, 17-23=-9/890, 17-24=-9/890, 16-24=-9/890, 15-16=-890/158,
 6-15=-1945/159, 12-13=-153/665, 11-12=-153/665
 WEBS 2-18=-581/123, 4-18=-0/782, 4-16=-1025/136, 5-16=-388/36, 6-16=-76/1564, 13-15=-403/109,
 7-15=-1001/120, 7-13=-35/640, 8-13=-743/87, 9-11=-195/510

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=41ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) 0-2-12 to 4-3-15, Interior(1) 4-3-15 to 19-3-10, Exterior(2R) 19-3-10 to 23-4-13, Interior(1) 23-4-13 to 40-10-4 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, with BCDL = 7.0psf.
 - 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) 1, 10 except (jt=lb) 15=146.
 - 7) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

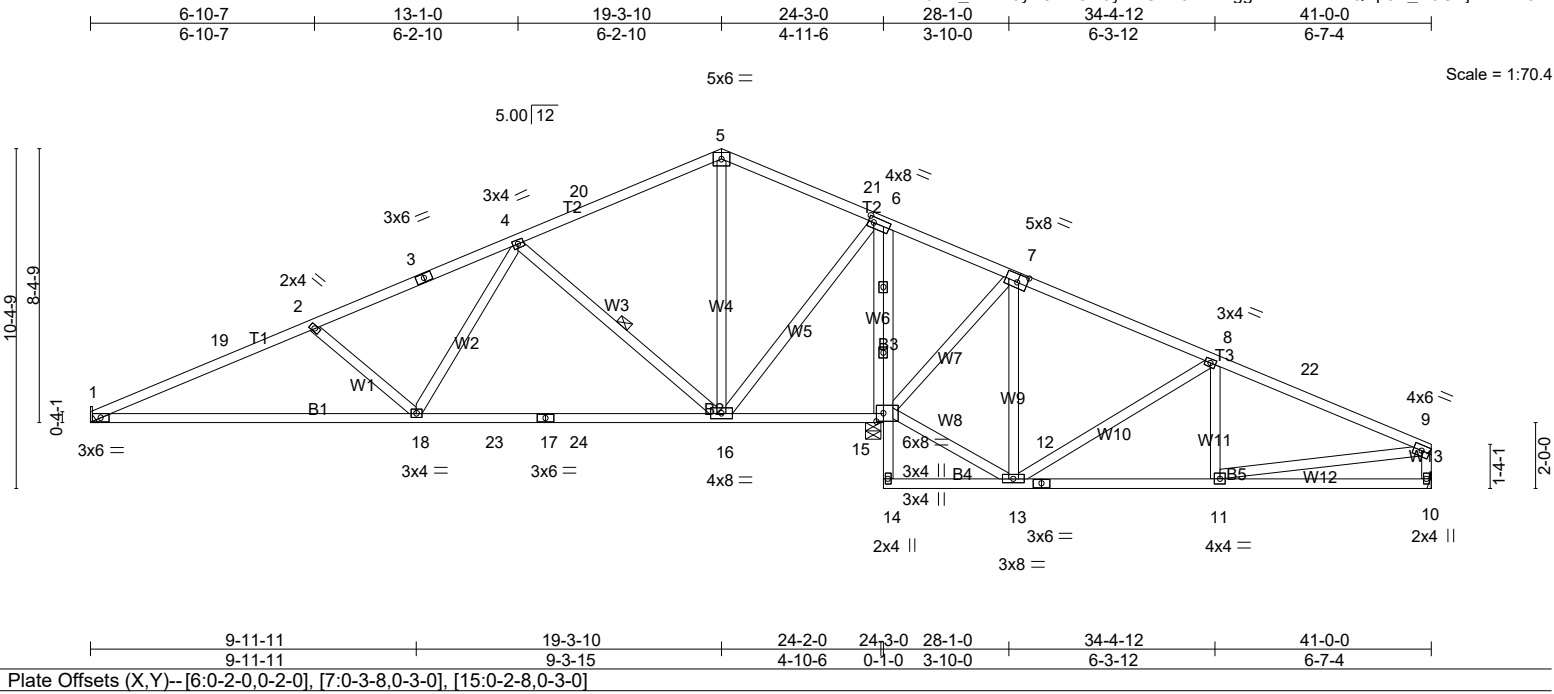
LOAD CASE(S) Standard

Job B0284-21	Truss E6	Truss Type ROOF SPECIAL	Qty 5	Ply 1	Rockwell/Skyline2/23(ID)DG
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Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:30 2021 Page 1

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LOADING(psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.63	in (loc) l/defl L/d	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.65	Vert(LL) -0.23 1-18 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.68	Vert(CT) -0.38 1-18 >753 240		
BCDL 7.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.03 15 n/a n/a		
	Code IRC2018/TPI2014		Wind(LL) 0.06 1-18 >999 240		
				Weight: 224 lb	FT = 0%

LUMBER-	BRACING-
TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	TOP CHORD Structural wood sheathing directly applied or 4-0-10 oc purlins, except end verticals.
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.
B3: 2x4 DF Stud/Std	WEBS 1 Row at midpt 4-16
WEBS 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) 1=971/Mechanical, 15=2611/0-5-8 (min. 0-2-13), 10=489/Mechanical
 Max Horz1=131(LC 11)
 Max Uplift=-57(LC 12), 15=-146(LC 12), 10=-32(LC 12)
 Max Grav1=989(LC 17), 15=2611(LC 1), 10=653(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-19=-1862/159, 2-19=-1722/170, 2-3=-1401/118, 3-4=-1250/136, 6-7=-19/1064, 7-8=-200/448,
 8-22=-677/199, 9-22=-813/177, 9-10=-609/63
 BOT CHORD 1-18=-89/1674, 18-23=-9/888, 17-23=-9/888, 17-24=-9/888, 16-24=-9/888, 15-16=-906/159,
 6-15=-1960/160, 12-13=-163/662, 11-12=-163/662
 WEBS 2-18=-598/125, 4-18=-1/797, 4-16=-1034/136, 5-16=-394/37, 6-16=-78/1579, 13-15=-416/106,
 7-15=-1007/121, 7-13=-35/647, 8-13=-745/88, 9-11=-206/507

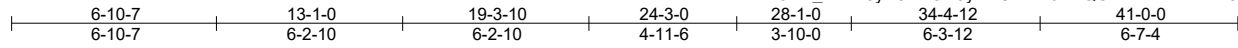
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=41ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) 0-1-8 to 4-2-11, Interior(1) 4-2-11 to 19-3-10, Exterior(2R) 19-3-10 to 23-4-13, Interior(1) 23-4-13 to 40-10-4 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
 - 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.
 - 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, 10 except (jt=lb) 15=146.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

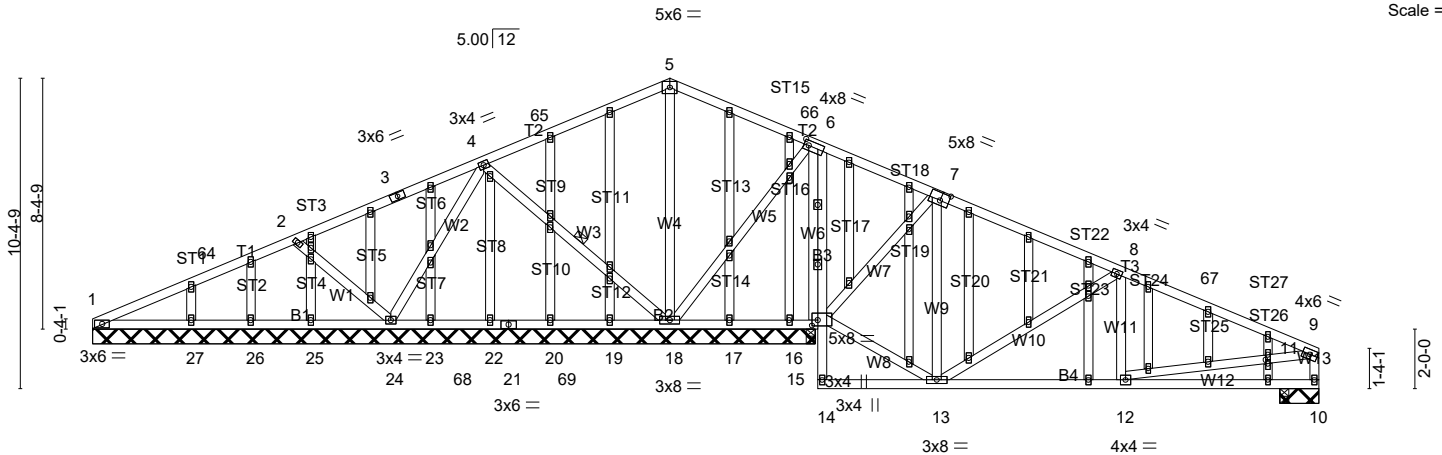
Job	Truss	Truss Type	Qty	Ply	Rockwell/Skyline2/23(ID)DG
B0284-21	E6G	GABLE	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:36 2021 Page 1
 ID:clc67et_nXrm6yR9trNOY3yTDCr-?St6khlQOSeuxXMRvkXv3KR0eUNY71BkNosS8DZiD



Scale = 1:77.0



9-11-11	19-3-10	24-2-0	24-3-0	28-1-0	34-4-12	40-0-0	41-0-0
9-11-11	9-3-15	4-10-6	0-1-0	3-10-0	6-3-12	5-7-4	1-0-0

Plate Offsets (X,Y)-- [6:0-2-0,0-2-0], [7:0-3-8,0-3-0], [15:0-2-4,0-2-4], [63:0-1-9,0-1-0]

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 0.63	Vert(LL)	-0.04 12-13	>999	360	MT20	220/195
TCDL 8.0	Lumber DOL	1.15	BC 0.39	Vert(CT)	-0.06 12-13	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.69	Horz(CT)	0.00 18	n/a	n/a		
BCDL 7.0	Code IRC2018/TPI2014		Matrix-SH	Wind(LL)	0.01 12	>999	240		
								Weight: 322 lb	FT = 0%

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

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 4-18

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

REACTIONS. All bearings 24-2-0 except (jt=length) 10=1-3-8, 11=0-3-8.
 (lb) - Max Horz1=131(LC 11)
 Max Uplift All uplift 100 lb or less at joint(s) 1, 10, 18, 15, 26, 27, 16 except 24=-120(LC 12)
 Max Grav All reactions 250 lb or less at joint(s) 19, 20, 22, 23, 25, 26, 27, 17, 16, 11 except 1=298(LC 23),
 10=646(LC 24), 24=910(LC 23), 18=670(LC 1), 15=1285(LC 24), 15=1236(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-64=-356/66, 3-4=-0/363, 5-65=0/295, 5-66=0/281, 6-7=0/387, 7-8=-343/79, 8-67=-791/87,
 9-67=-919/76, 9-10=-670/81
 BOT CHORD 17-18=-312/121, 16-17=-312/121, 15-16=-312/121, 6-15=-601/63, 12-13=-46/760
 WEBS 2-24=-593/131, 4-24=-568/80, 4-18=-252/87, 5-18=-595/57, 13-15=0/250, 7-15=-758/107,
 7-13=-21/398, 8-13=-640/92, 9-12=-3/634

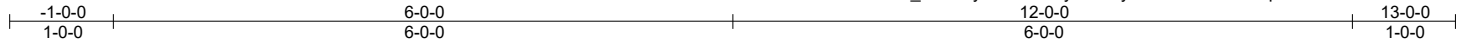
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TC DL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=41ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) 0-0-0 to 4-1-3, Interior(1) 4-1-3 to 19-3-10, Exterior(2R) 19-3-10 to 23-4-13, Interior(1) 23-4-13 to 40-10-4 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
 - 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, with BCDL = 7.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 10, 18, 15, 26, 27, 16 except (jt=lb) 24=120.
 - This truss is designed in accordance with the 2018 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/Skyline2/23(ID)DG
B0284-21	F1	Common	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:38 2021 Page 1
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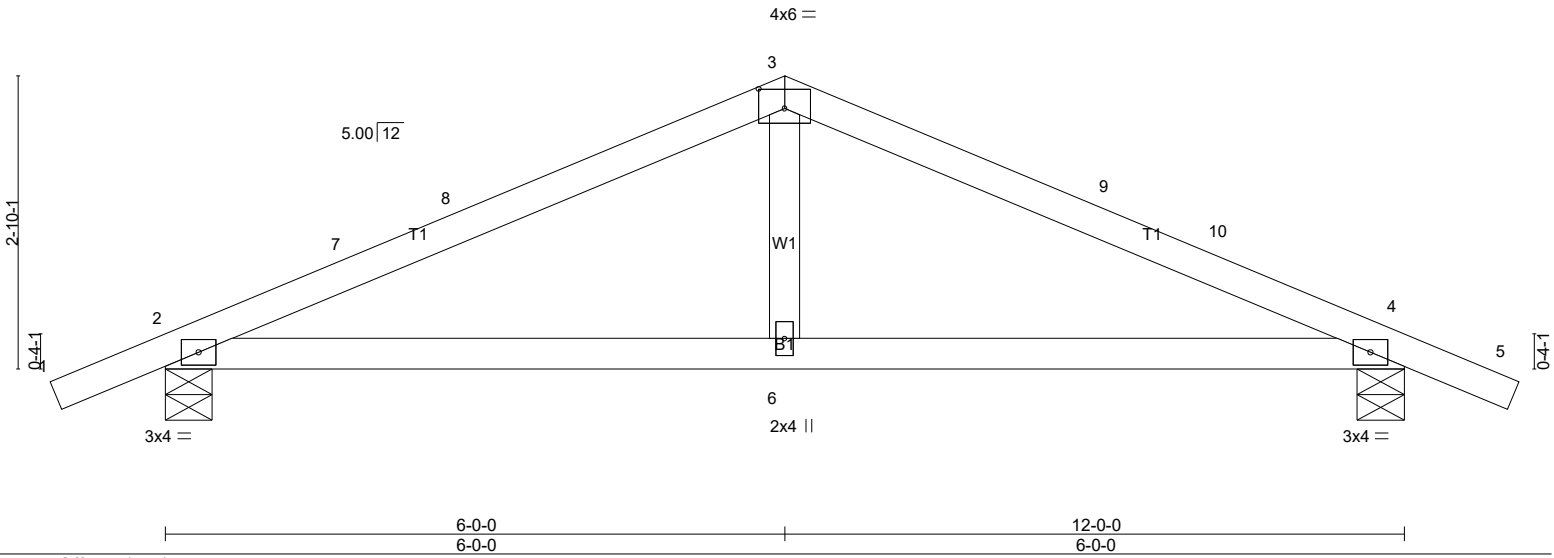


Plate Offsets (X,Y)-- [3:0-3-0,0-2-4]

LOADING(psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.35	Vert(LL)	-0.04	4-6	>999	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.23	Vert(CT)	-0.06	4-6	>999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.09	Horz(CT)	0.01	4	n/a		
BCDL 7.0	Rep Stress Incr YES	Matrix-R	Wind(LL)	0.02	2-6	>999		
	Code IRC2018/TPI2014						Weight: 40 lb	FT = 0%

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

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 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=688/0-5-8 (min. 0-1-8), 4=688/0-5-8 (min. 0-1-8)
 Max Horz2=29(LC 11)
 Max Uplift2=-66(LC 12), 4=-66(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-7=-930/178, 7-8=-840/181, 3-8=-834/191, 3-9=-834/191, 9-10=-840/181, 4-10=-930/178
 BOT CHORD 2-6=-102/769, 4-6=-102/769

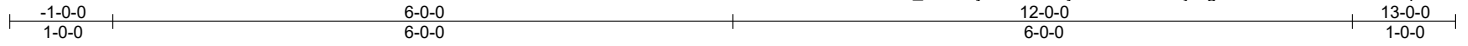
- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-0-11 to 1-11-5, Interior(1) 1-11-5 to 6-0-0, Exterior(2R) 6-0-0 to 9-0-0, Interior(1) 9-0-0 to 13-0-11 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 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

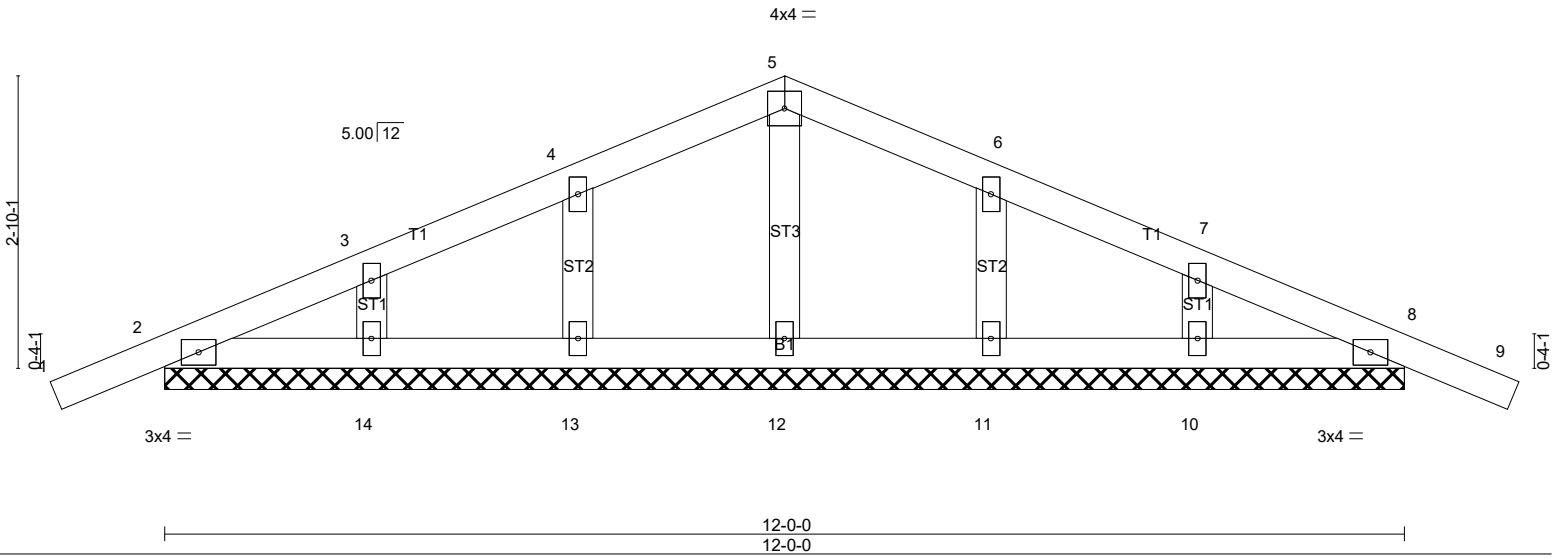
Job	Truss	Truss Type	Qty	Ply	Rockwell/Skyline2/23(ID)DG
B0284-21	F1G	Common Supported Gable	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:39 2021 Page 1
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Scale = 1:22.3



LOADING(psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.06	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 IRC2018/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
 BOT CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins.
 Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 12-0-0.
 (lb) - Max Horz=29(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.

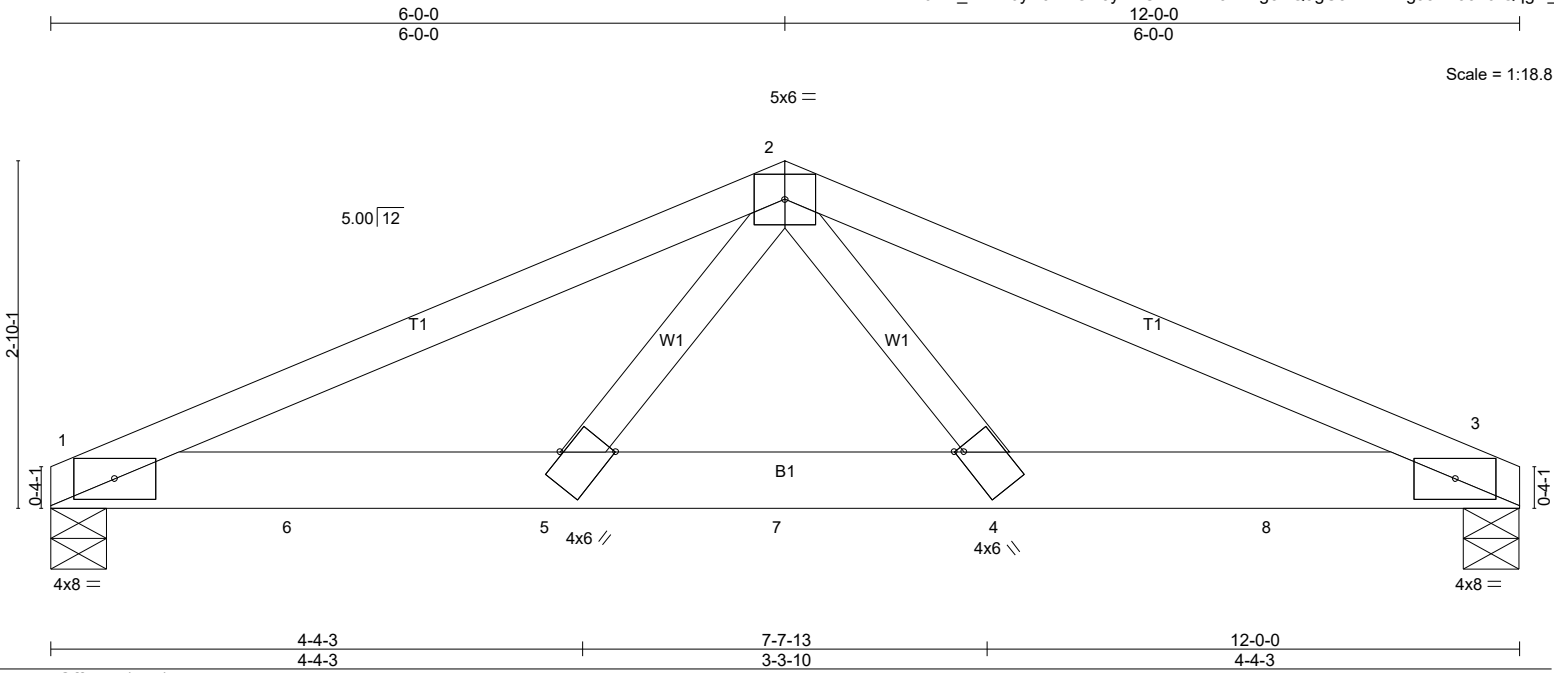
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCCL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3E) -1-0-11 to 2-0-0, Exterior(2N) 2-0-0 to 6-0-0, Corner(3R) 6-0-0 to 9-0-0, Exterior(2N) 9-0-0 to 13-0-11 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 2018 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/Skyline2/23(ID)DG
B0284-21	F2	Common Girder	1	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401

Run: 8.410 s Jan 21 2021 Print: 8.410 s Jan 21 2021 MiTek Industries, Inc. Tue Feb 23 14:06:40 2021 Page 1
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Scale = 1:18.8

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

LOADING(psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.72	in (loc) l/defl L/d	MT20	220/195
TCDL 8.0	Plate Grip DOL 1.15	BC 0.84	Vert(LL) -0.14 4-5 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.87	Vert(CT) -0.18 4-5 >749 240		
BCDL 7.0	Rep Stress Incr NO	Matrix-R	Horz(CT) 0.04 3 n/a n/a		
	Code IRC2018/TPI2014		Wind(LL) 0.04 4-5 >999 240	Weight: 51 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 2-5-12 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=2364/0-5-8 (min. 0-2-8), 3=2387/0-5-8 (min. 0-2-9)
 Max Horz1=25(LC 26)
 Max Uplift=-139(LC 8), 3=-140(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-4706/279, 2-3=-4704/278
 BOT CHORD 1-6=-221/4253, 5-6=-221/4253, 5-7=-174/3107, 4-7=-174/3107, 4-8=-221/4251, 3-8=-221/4251
 WEBS 2-4=-77/1960, 2-5=-78/1963

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCCL=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=139, 3=140.
 - This truss is designed in accordance with the 2018 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) 719 lb down and 48 lb up at 2-0-12, 719 lb down and 48 lb up at 4-0-12, 719 lb down and 48 lb up at 6-0-12, and 719 lb down and 48 lb up at 8-0-12, and 719 lb down and 48 lb up at 10-0-12 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=-719(F) 5=-719(F) 6=-719(F) 7=-719(F) 8=-719(F)