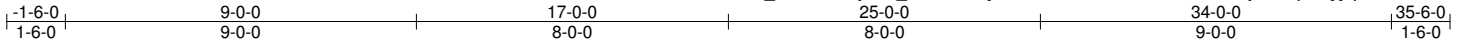


Job	Truss	Truss Type	Qty	Ply	Saturn Park Townhomes
B2006-17	A1	Common	12	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401, Shawn Grasmick

Run: 8.210 s Mar 12 2018 Print: 8.210 s Mar 12 2018 MiTek Industries, Inc. Fri Apr 27 09:34:09 2018 Page 1
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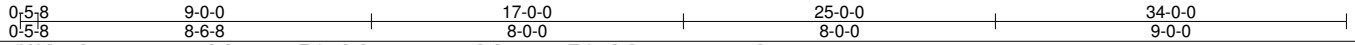
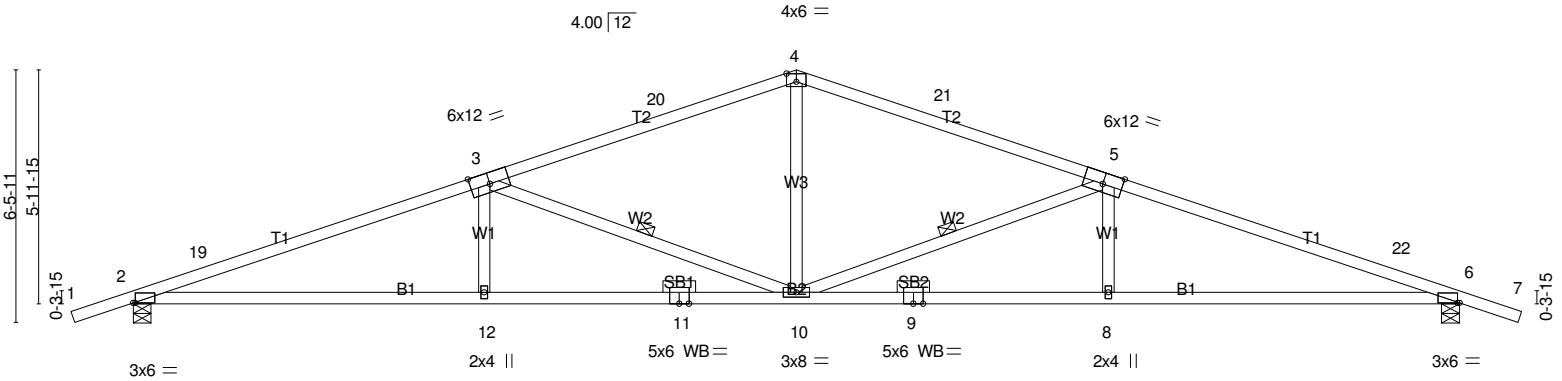


Plate Offsets (X,Y)-- [2:0-0-10,0-0-0], [3:0-6-0,Edge], [4:0-3-0,0-2-8], [5:0-6-0,Edge], [6:0-0-10,0-0-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0 (Roof Snow=35.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.94 BC 0.58 WB 0.55	in (loc) l/defl L/d Vert(LL) -0.36 10-12 >999 360 Vert(TL) -0.62 10-12 >661 240 Horz(TL) 0.18 6 n/a n/a Wind(LL) 0.11 10-12 >999 240	MT20	220/195
TCDL 7.0	Rep Stress Incr YES	Matrix-MR			
BCLL 0.0 *	Code IRC2012/TPI2007				
BCDL 7.0				Weight: 138 lb	FT = 0%

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

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

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

REACTIONS. (lb/size) 2=1796/0-5-8 (min. 0-1-15), 6=1796/0-5-8 (min. 0-1-15)
 Max Horz 2=57(LC 13)
 Max Uplift 2=-138(LC 14), 6=-138(LC 14)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-19=-3865/309, 3-19=-3711/329, 3-20=-2678/265, 4-20=-2558/283, 4-21=-2558/283,
 5-21=-2678/265, 5-22=-3711/329, 6-22=-3865/309
 BOT CHORD 2-12=-240/3569, 11-12=-243/3566, 10-11=-243/3566, 9-10=-255/3566, 8-9=-255/3566,
 6-8=-253/3569
 WEBS 4-10=-21/960, 5-10=-1451/129, 5-8=0/272, 3-10=-1451/129, 3-12=0/272

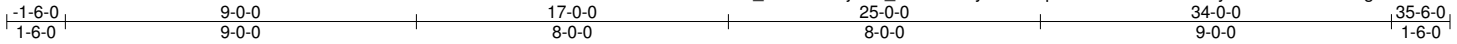
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=34ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-9 to 1-10-4, Interior(1) 1-10-4 to 17-0-0, Exterior(2) 17-0-0 to 20-4-13 zone; cantilever left 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
 - 2) TCLL: ASCE 7-10; Pf=35.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct= 1
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 16.0 psf or 2.00 times flat roof load of 35.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=138, 6=138.
 - 8) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

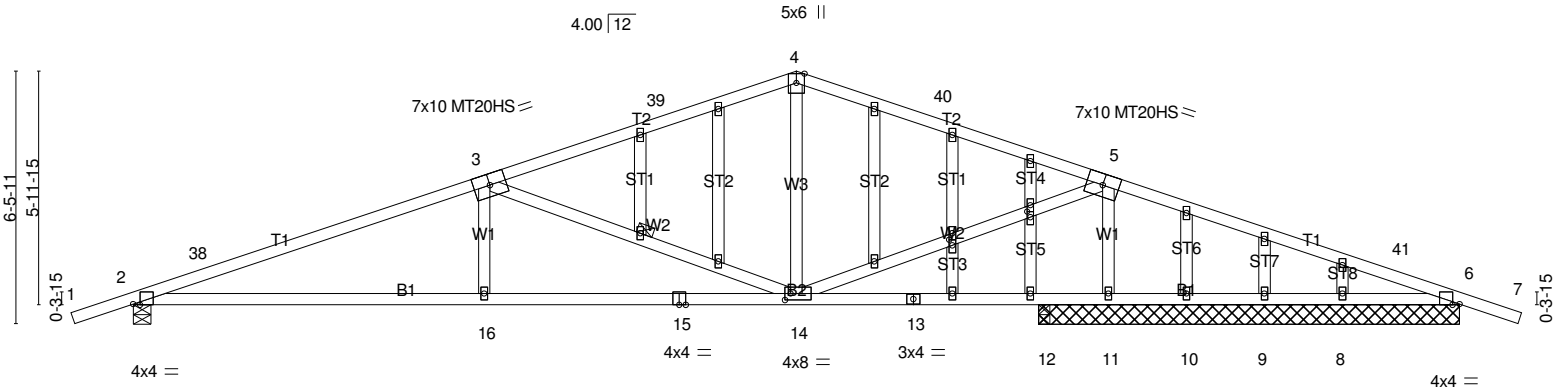
Job	Truss	Truss Type	Qty	Ply	Saturn Park Townhomes
B2006-17	A1SG	GABLE	2	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401, Shawn Grasmick

Run: 8.210 s Mar 12 2018 Print: 8.210 s Mar 12 2018 MiTek Industries, Inc. Fri Apr 27 09:34:10 2018 Page 1
ID:a_dwQO3VSjshK_8n5XWKuyJGk3-sq5WcPiBR6a5sCfRt4oyO0Ux6DmJhM2Egbd9TZzMY8B



Scale = 1:59.1



0-5-8	9-0-0	17-0-0	9-0-0	23-6-0	25-0-0	34-0-0
0-5-8	8-6-8	8-0-0	6-6-0	1-6-0	9-0-0	

Plate Offsets (X,Y)-- [2:0-2-2,Edge], [6:0-2-2,Edge], [14:0-1-12,0-2-0], [25:0-1-12,0-1-0], [28:0-1-12,0-1-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.89	Vert(LL)	-0.17	16	>999	MT20	220/195
(Roof Snow=35.0)	Plate Grip DOL 1.15	BC 0.44	Vert(TL)	-0.29	14-16	>974	MT20HS	165/146
TCDL 7.0	Lumber DOL 1.15	WB 0.74	Horz(TL)	0.06	12	n/a		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-MR	Wind(LL)	0.05	16-34	>999		
BCDL 7.0	Code IRC2012/TPI2007						Weight: 166 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 2-2-0 oc purlins.
BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
WEBS 2x4 DF Stud/Std	10-0-0 oc bracing: 2-16, 14-16.
OTHERS 2x4 DF Stud/Std	WEBS 1 Row at midpt 3-14

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

REACTIONS. All bearings 10-9-8 except (jt=length) 2=0-5-8, 12=0-3-8.
 (lb) - Max Horz 2=-57(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) 6, 9, 8 except 2=-113(LC 14), 11=-163(LC 14)
 Max Grav All reactions 250 lb or less at joint(s) 10, 9, 12, 6 except 2=1380(LC 19), 11=1672(LC 1), 6=288(LC 20), 8=292(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-38=-2643/199, 3-38=-2445/219, 3-39=-1219/153, 4-39=-1043/164, 4-40=-1011/171, 5-40=-1120/152, 5-41=-7/681, 6-41=-27/599
 BOT CHORD 2-16=-137/2413, 15-16=-139/2409, 14-15=-139/2409, 13-14=-559/69, 12-13=-559/69, 11-12=-559/69, 10-11=-604/76, 9-10=-604/76, 8-9=-604/76, 6-8=-604/76
 WEBS 5-14=-91/1675, 5-11=-1722/216, 3-14=-1509/132, 3-16=0/287

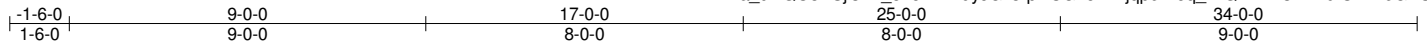
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=34ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-9 to 1-10-4, Interior(1) 1-10-4 to 17-0-0, Exterior(2) 17-0-0 to 20-4-13 zone; cantilever left 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
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) TCLL: ASCE 7-10; Pf=35.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct= 1
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 16.0 psf or 2.00 times flat roof load of 35.0 psf on overhangs non-concurrent with other live loads.
 - 6) All plates are MT20 plates unless otherwise indicated.
 - 7) All plates are 2x4 MT20 unless otherwise indicated.
 - 8) Gable studs spaced at 2-0-0 oc.
 - 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 9, 8, 6 except (jt=lb) 2=113, 11=163.
 - 12) This truss is designed in accordance with the 2012 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	Saturn Park Townhomes
B2006-17	A2	COMMON	9	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401, Shawn Grasmick

Run: 8.210 s Mar 12 2018 Print: 8.210 s Mar 12 2018 MiTek Industries, Inc. Fri Apr 27 09:34:12 2018 Page 1
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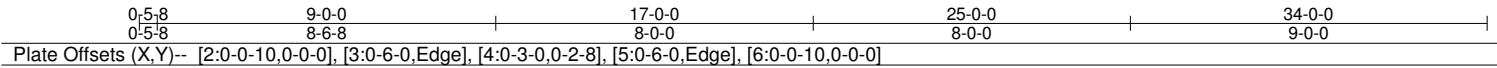
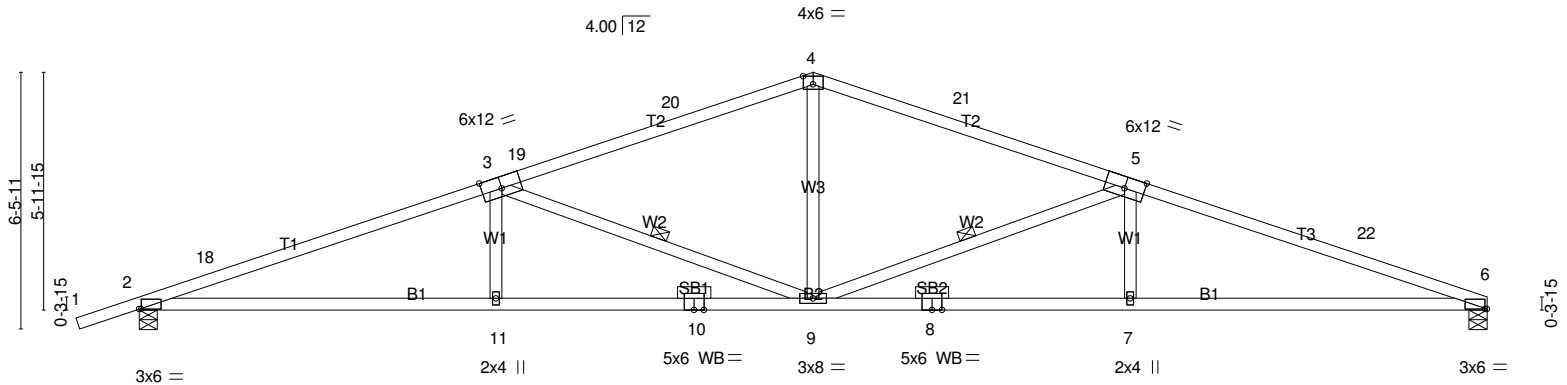


Plate Offsets (X,Y)-- [2:0-0-10,0-0-0], [3:0-6-0,Edge], [4:0-3-0,0-2-8], [5:0-6-0,Edge], [6:0-0-10,0-0-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.93	Vert(LL)	-0.36 9-11	>999	360	MT20	220/195
(Roof Snow=35.0)	Plate Grip DOL 1.15	BC 0.59	Vert(TL)	-0.62 9-11	>659	240		
TCDL 7.0	Lumber DOL 1.15	WB 0.55	Horz(TL)	0.18 6	n/a	n/a		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-MR	Wind(LL)	0.11 9-11	>999	240		
BCDL 7.0	Code IRC2012/TPI2007						Weight: 136 lb	FT = 0%

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

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

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

REACTIONS. (lb/size) 2=1797/0-5-8 (min. 0-1-15), 6=1665/0-5-8 (min. 0-1-12)
 Max Horz 2=58(LC 13)
 Max Uplift 2=-138(LC 14), 6=-98(LC 14)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-18=-3827/313, 3-18=-3716/332, 3-19=-2682/262, 19-20=-2665/268, 4-20=-2562/283,
 4-21=-2562/286, 5-21=-2682/267, 5-22=-3727/335, 6-22=-3879/320
 BOT CHORD 2-11=-266/3525, 10-11=-268/3522, 9-10=-268/3522, 8-9=-266/3580, 7-8=-266/3580,
 6-7=-264/3584
 WEBS 4-9=-24/963, 5-9=-1463/130, 5-7=0/273, 3-9=-1406/129, 3-11=0/272

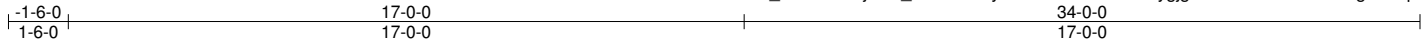
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=34ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-9 to 1-10-4, Interior(1) 1-10-4 to 17-0-0, Exterior(2) 17-0-0 to 20-4-13 zone; cantilever left 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
 - 2) TCLL: ASCE 7-10; Pf=35.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct= 1
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 16.0 psf or 2.00 times flat roof load of 35.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 2=138.
 - 8) This truss is designed in accordance with the 2012 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	Saturn Park Townhomes
B2006-17	A2G	Common Supported Gable	4	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401, Shawn Grasmick

Run: 8.210 s Mar 12 2018 Print: 8.210 s Mar 12 2018 MiTek Industries, Inc. Fri Apr 27 09:34:13 2018 Page 1
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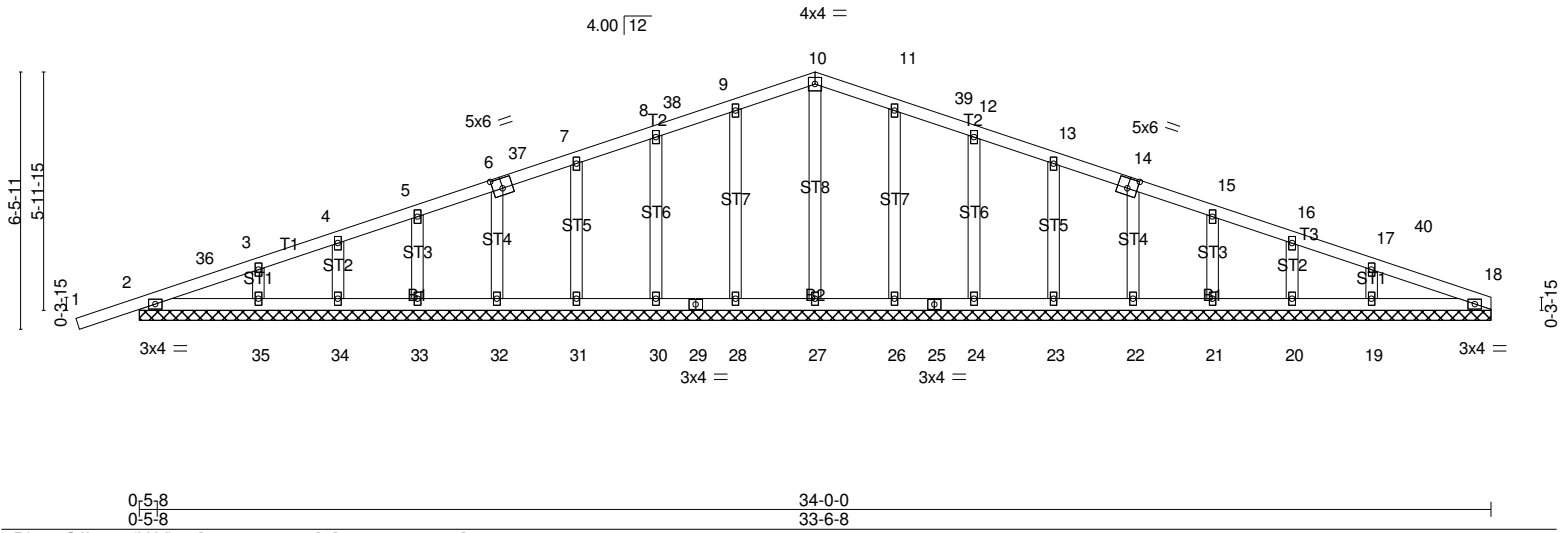


Plate Offsets (X,Y)-- [6:0-3-0,0-3-0], [14:0-3-0,0-3-0]	
LOADING (psf)	SPACING- 2-0-0
TCLL 35.0	Plate Grip DOL 1.15
(Roof Snow=35.0)	Lumber DOL 1.15
TCDL 7.0	Rep Stress Incr YES
BCLL 0.0 *	Code IRC2012/TPI2007
BCDL 7.0	
CSI.	DEFL. in (loc) l/defl L/d
TC 0.25	Vert(LL) 0.00 1 n/r 120
BC 0.14	Vert(TL) -0.00 1 n/r 120
WB 0.12	Horz(TL) 0.00 18 n/a n/a
Matrix-R	
PLATES	GRIP
MT20	220/195
Weight: 157 lb FT = 0%	

LUMBER-
 TOP CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
 BOT CHORD 2x4 DF 1800F 1.6E or 2x4 DF No.1&Btr
 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 2=58(LC 13)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 28, 30, 31, 32, 33, 34, 35, 26, 24, 23, 22, 21, 20, 19
 Max Grav All reactions 250 lb or less at joint(s) 27, 32, 33, 34, 35, 22, 21, 20, 18 except 2=353(LC 18),
 28=280(LC 19), 30=271(LC 19), 31=263(LC 19), 26=284(LC 20), 24=275(LC 20), 23=272(LC 20), 19=303(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 9-28=-252/97, 11-26=-256/97

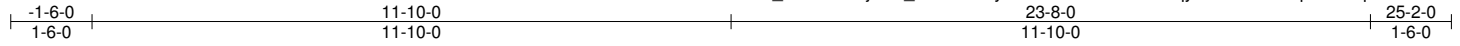
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=34ft; eave=2ft; Cat. II; Exp B; enclosed; MWFRS (directional) and C-C Corner(3) -1-6-9 to 1-10-4, Exterior(2) 1-10-4 to 17-0-0, Corner(3) 17-0-0 to 20-4-13 zone; cantilever left 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
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) TCLL: ASCE 7-10; Pf=35.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct= 1
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 16.0 psf or 2.00 times flat roof load of 35.0 psf on overhangs non-concurrent with other live loads.
 - 6) All plates are 2x4 MT20 unless otherwise indicated.
 - 7) Gable requires continuous bottom chord bearing.
 - 8) Gable studs spaced at 2-0-0 oc.
 - 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 28, 30, 31, 32, 33, 34, 35, 26, 24, 23, 22, 21, 20, 19.
 - 12) This truss is designed in accordance with the 2012 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	Saturn Park Townhomes
B2006-17	B1G	Common Supported Gable	2	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401, Shawn Grasmick

Run: 8.210 s Mar 12 2018 Print: 8.210 s Mar 12 2018 MiTek Industries, Inc. Fri Apr 27 09:34:14 2018 Page 1
 ID:a_dwQO3VsjshK_8n5XWKuyJGk3-lck1SnlhVK5XLqyD6wtuYsfm2qBodKdqDbNckZmY87



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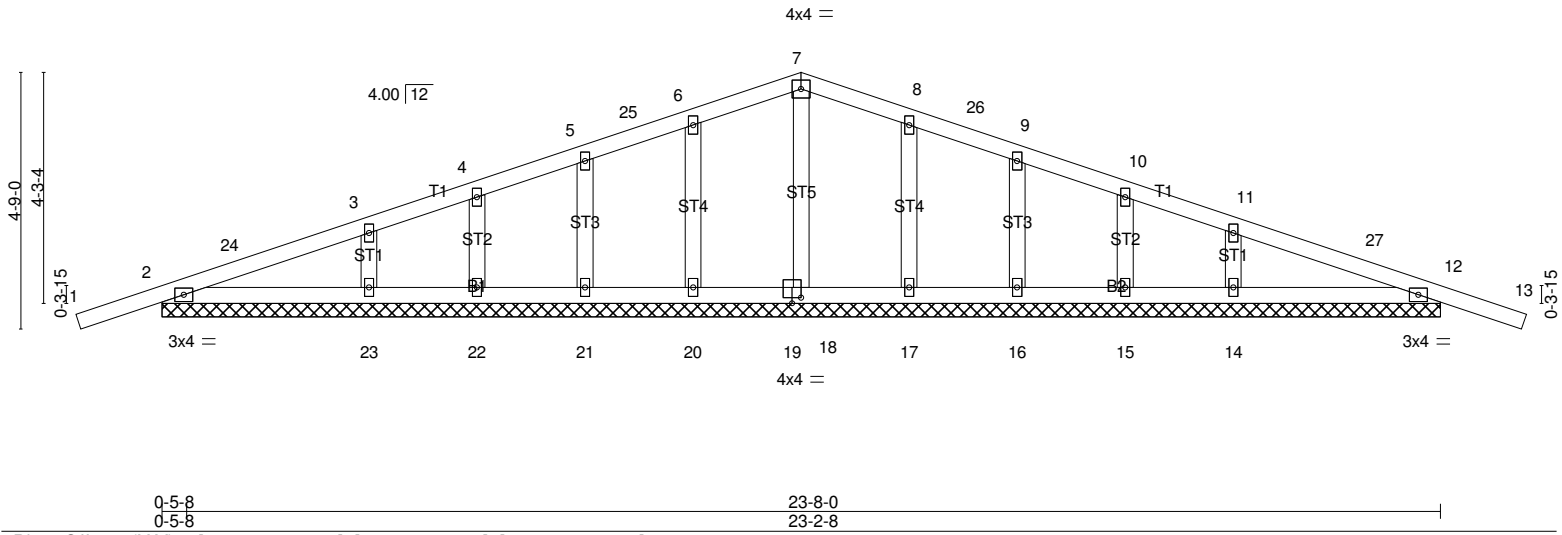


Plate Offsets (X,Y)-- [18:0-1-12,0-0-0], [19:0-2-0,0-1-4], [19:0-0-0,0-1-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	2-0-0	TC 0.25	Vert(LL)	0.00	13	n/r	MT20	220/195
(Roof Snow=35.0)	Plate Grip DOL 1.15	BC 0.15	Vert(TL)	0.00	13	n/r		
TCDL 7.0	Lumber DOL 1.15	WB 0.06	Horz(TL)	0.00	12	n/a		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-R						
BCDL 7.0	Code IRC2012/TPI2007						Weight: 98 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 23-8-0.
 (lb) - Max Horz 2=-37(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 20, 21, 22, 23, 17, 16, 15, 14, 12
 Max Grav All reactions 250 lb or less at joint(s) 18, 22, 15 except 2=346(LC 18), 20=265(LC 19), 21=274(LC 19), 23=327(LC 1), 17=265(LC 20), 16=274(LC 20), 14=327(LC 1), 12=346(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-23=-272/90, 11-14=-272/90

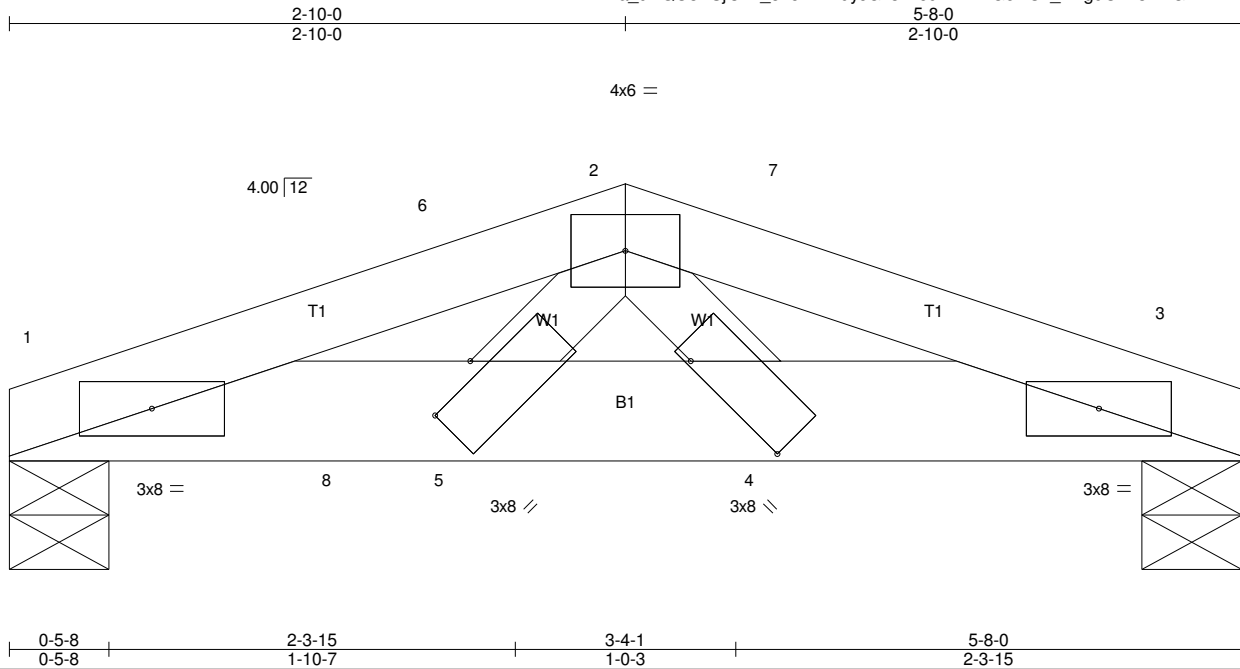
- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; enclosed; MWFRS (directional) and C-C Corner(3) -1-6-9 to 1-5-7, Exterior(2) 1-5-7 to 11-10-0, Corner(3) 11-10-0 to 14-10-0 zone; cantilever left 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
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) TCLL: ASCE 7-10; Pf=35.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct= 1
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 16.0 psf or 2.00 times flat roof load of 35.0 psf on overhangs non-concurrent with other live loads.
 - 6) All plates are 2x4 MT20 unless otherwise indicated.
 - 7) Gable requires continuous bottom chord bearing.
 - 8) Gable studs spaced at 2-0-0 oc.
 - 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 20, 21, 22, 23, 17, 16, 15, 14, 12.
 - 12) This truss is designed in accordance with the 2012 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	Saturn Park Townhomes
B2006-17	C1	Common Girder	3	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401, Shawn Grasmick

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Scale = 1:10.6

Plate Offsets (X,Y)-- [4:0-7-0,0-0-4], [5:0-3-8,0-0-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0 (Roof Snow=35.0)	2-0-0 Plate Grip DOL 1.15	TC 0.28	Vert(LL) -0.06	4-5	>999	360	MT20	220/195
TCDL 7.0	Lumber DOL 1.15	BC 0.84	Vert(TL) -0.09	4-5	>662	240		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.74	Horz(TL) 0.02	3	n/a	n/a		
BCDL 7.0	Code IRC2012/TPI2007	Matrix-P	Wind(LL) 0.02	4-5	>999	240	Weight: 23 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 3-1-5 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=2069/0-5-8 (min. 0-2-3), 3=1742/0-5-8 (min. 0-1-14)
 Max Horz 1=-7(LC 23)
 Max Uplift1=-132(LC 10), 3=-111(LC 10)

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

TOP CHORD 1-6=-4188/255, 2-6=-4143/258, 2-7=-3982/247, 3-7=-4028/244
 BOT CHORD 1-8=-231/3937, 5-8=-231/3937, 4-5=-176/2891, 3-4=-221/3784
 WEBS 2-4=-75/1436, 2-5=-91/1679

NOTES-

- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=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
- 2) TCLL: ASCE 7-10; Pf=35.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct= 1
- 3) Unbalanced snow loads have been considered for this design.
- 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) 1=132, 3=111.
- 7) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1651 lb down and 112 lb up at 1-7-4 , and 1651 lb down and 112 lb up at 3-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

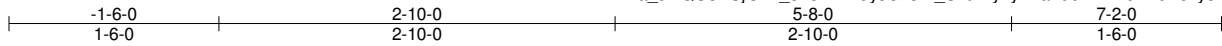
LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
 Uniform Loads (plf)
 Vert: 1-2=-84, 2-3=-84, 1-3=-14
 Concentrated Loads (lb)
 Vert: 4=-1651 8=-1651

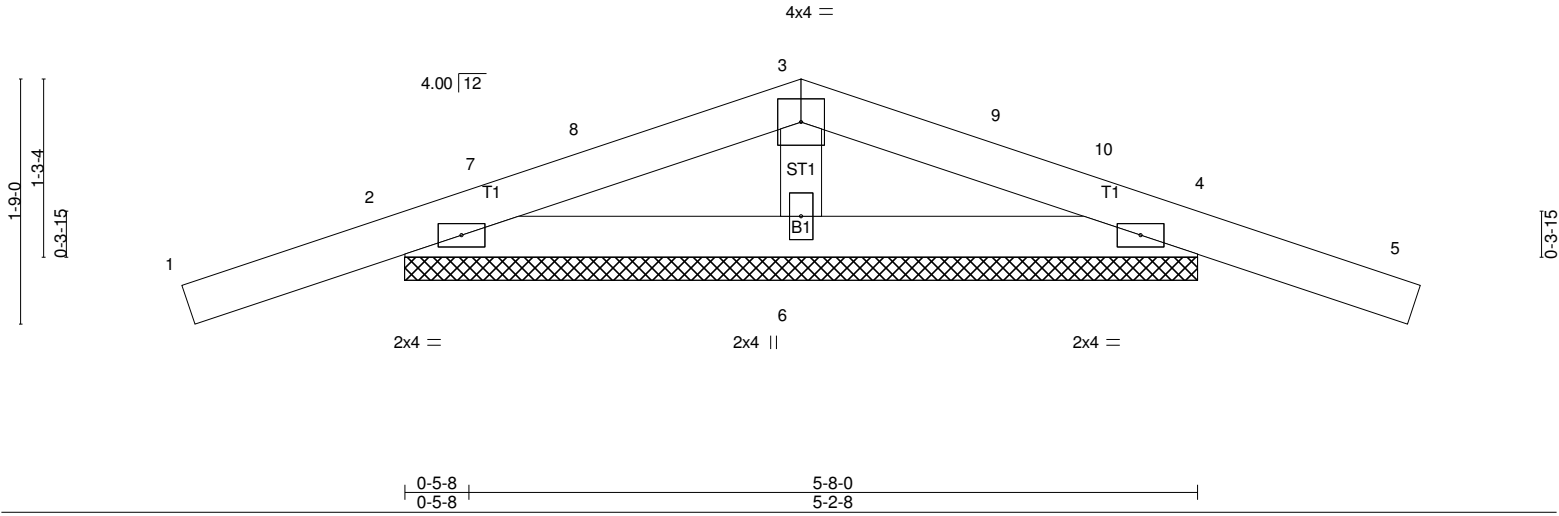
Job	Truss	Truss Type	Qty	Ply	Saturn Park Townhomes
B2006-17	C1G	Common Supported Gable	3	1	Job Reference (optional)

Snake River Truss & Components, Idaho Falls, ID 83401, Shawn Grasmick

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Scale = 1:16.5



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 35.0 (Roof Snow=35.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2012/TPI2007	TC 0.25 BC 0.04 WB 0.04 Matrix-P	in (loc) l/defl L/d Vert(LL) 0.00 5 n/r 120 Vert(TL) -0.00 5 n/r 120 Horz(TL) 0.00 4 n/a n/a	MT20	220/195
TCDL 7.0				Weight: 21 lb	FT = 0%
BCLL 0.0 *					
BCDL 7.0					

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 5-8-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

REACTIONS. (lb/size) 2=301/5-8-0 (min. 0-1-8), 4=301/5-8-0 (min. 0-1-8), 6=214/5-8-0 (min. 0-1-8)
 Max Horz 2=-13(LC 11)
 Max Uplift 2=-67(LC 14), 4=-67(LC 14), 6=-30(LC 18)
 Max Grav 2=332(LC 18), 4=332(LC 18), 6=214(LC 1)

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

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=4.2psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; enclosed; MWFRS (directional) and C-C Corner(3) -1-6-9 to 1-5-7, Exterior(2) 1-5-7 to 2-10-0, Corner(3) 2-10-0 to 5-8-0 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
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) TCLL: ASCE 7-10; Pf=35.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct= 1
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 16.0 psf or 2.00 times flat roof load of 35.0 psf on overhangs non-concurrent with other live loads.
 - 6) Gable requires continuous bottom chord bearing.
 - 7) Gable studs spaced at 2-0-0 oc.
 - 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4, 6.
 - 11) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard