Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H01	Hip Girder	1	2	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler — Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:16 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-IB9eLTjK_zcEtqx5qJljs7q4jfkgaGnfyFnzbyzjTrr

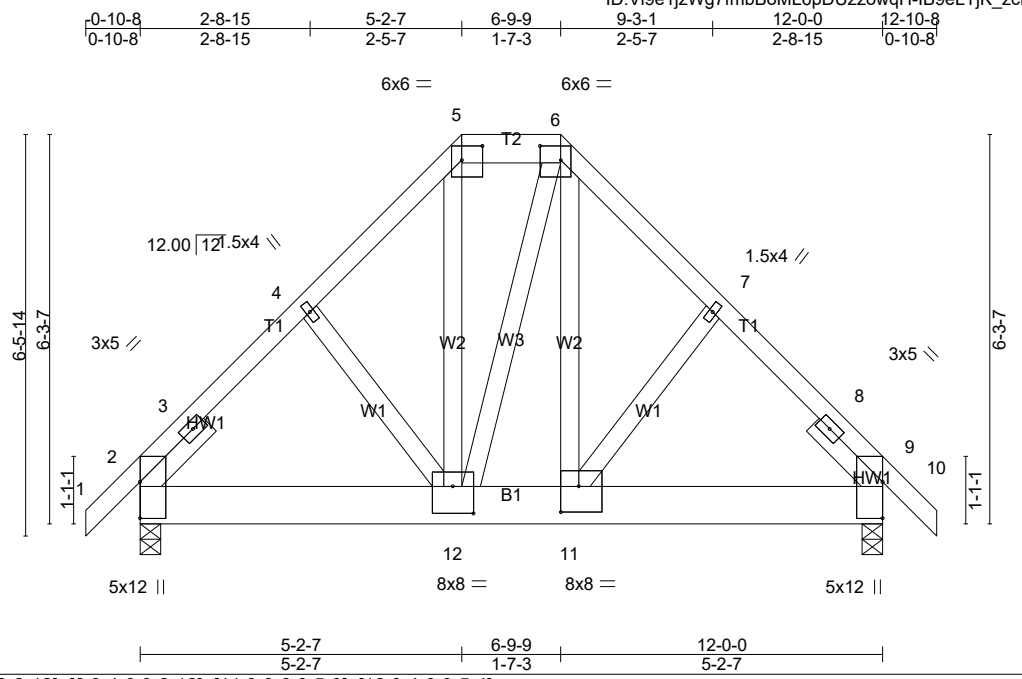


Plate Offsets (X,Y)-- [5:0-4-0,0-2-12], [6:0-4-0,0-2-12], [11:0-3-8,0-5-0], [12:0-4-0,0-5-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.21	Vert(LL)	-0.03	11-19	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.46	Vert(CT)	-0.06	11-19	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.49	Horz(CT)	0.00	9	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 180 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2 *Except*
T2: 2x6 SPF 1650F 1.5E
BOT CHORD 2x8 SP No.1
WEBS 2x4 SPF Stud
SLIDER Left 2x4 SPF Stud -4 1-6-0, Right 2x4 SPF Stud -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=3832/0-4-0 (min. 0-3-0), 9=4056/0-4-0 (min. 0-3-3)
Max Horz 2=-118(LC 10)
Max Uplift2=-880(LC 12), 9=-815(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2549/595, 3-21=-3616/843, 4-21=-3548/849, 4-5=-3523/878, 5-6=-2434/651, 6-7=-3442/823, 7-22=-3457/793, 8-22=-3525/782, 8-9=-2661/545
BOT CHORD 2-23=-556/2475, 23-24=-556/2475, 12-24=-556/2475, 12-25=-451/2361, 11-25=-451/2361, 11-26=-474/2436, 26-27=-474/2436, 9-27=-474/2436
WEBS 5-12=-545/2266, 6-12=-179/253, 6-11=-404/2136

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-6-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 5-2-7, Exterior(2) 5-2-7 to 11-0-8, Interior(1) 11-0-8 to 12-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
4) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 880 lb uplift at joint 2 and 815 lb uplift at joint 9.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1466 lb down and 473 lb up at 2-3-4, 1339 lb down and 273 lb up at 4-3-4, 1407 lb down and 273 lb up at 6-3-4, and 1339 lb down and 273 lb up at 8-3-4, and 1370 lb down and 273 lb up at 10-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Continued on page 2

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-5=-60, 5-6=-60, 6-10=-60, 13-17=-20
Concentrated Loads (lb)
Vert: 23=-1466(B) 24=-1339(B) 25=-1339(B) 26=-1339(B) 27=-1339(B)

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H02	Hip Girder	1	1	Job Reference (optional)

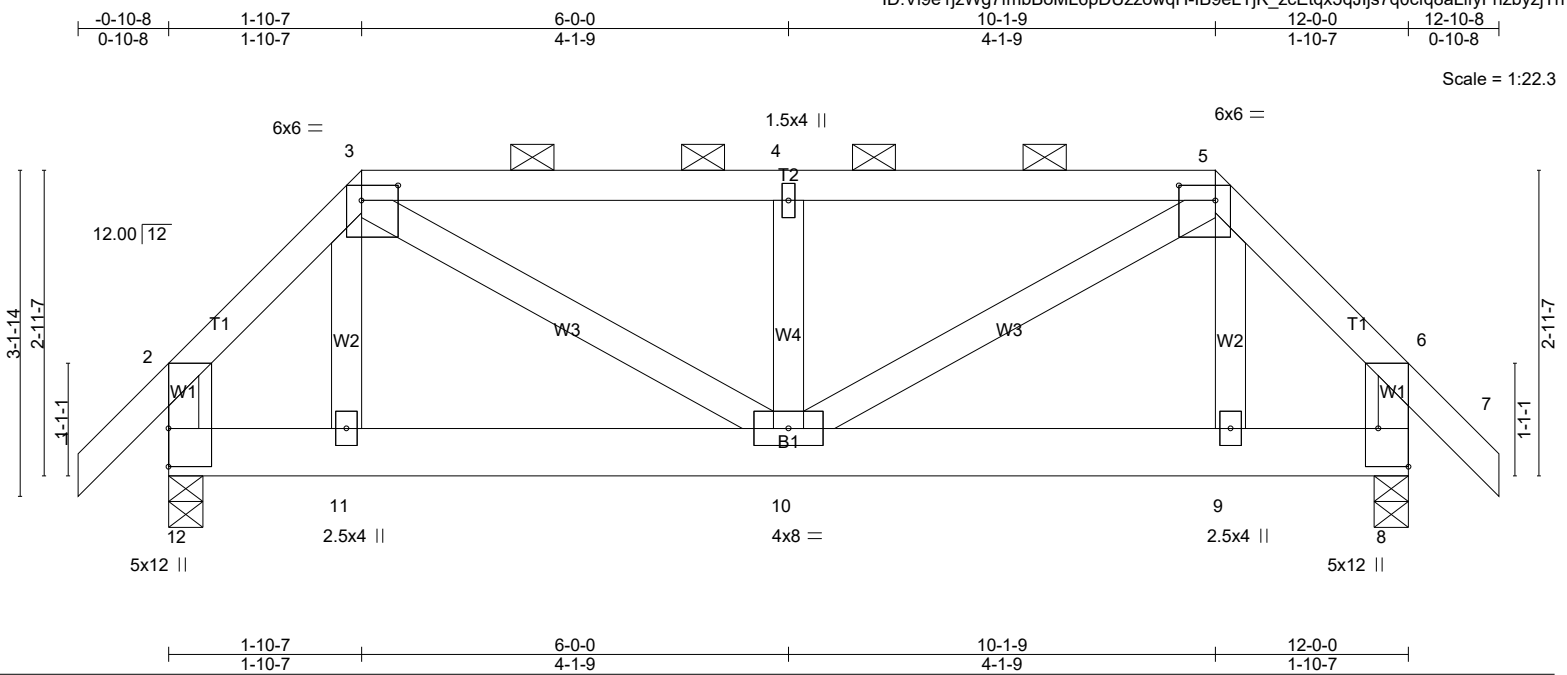


Plate Offsets (X,Y)-- [2:0-1-12,0-1-12], [3:0-4-4,0-1-12], [5:0-4-4,0-1-12], [6:0-1-12,0-1-12], [8:Edge,0-3-8], [8:0-0-0,0-1-12], [12:0-0-0,0-1-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.47	Vert(LL)	0.03	9-10	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.11	Vert(CT)	-0.03	10	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.17	Horz(CT)	0.00	8	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 59 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x6 SPF 1650F 1.5E
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-5.
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) 12=537/0-4-0 (min. 0-1-8), 8=539/0-4-0 (min. 0-1-8)
Max Horz 12=77(LC 11)
Max Uplift12=-239(LC 12), 8=-277(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-416/252, 3-13=-584/390, 4-13=-584/390, 4-14=-584/390, 5-14=-584/390, 5-6=-418/287, 2-12=-407/252, 6-8=-408/277
WEBS 3-10=-245/400, 4-10=-293/205, 5-10=-217/399

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 6-0-0, Interior(1) 6-0-0 to 10-1-9, Exterior(2) 10-1-9 to 12-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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 239 lb uplift at joint 12 and 277 lb uplift at joint 8.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 89 lb up at 1-10-7, 82 lb up at 3-11-3, 82 lb up at 5-11-3, and 82 lb up at 7-11-3, and 176 lb up at 10-1-9 on top chord, and 5 lb down and 30 lb up at 1-11-3, 5 lb down and 30 lb up at 3-11-3, 5 lb down and 30 lb up at 5-11-3, and 5 lb down and 30 lb up at 7-11-3, and 11 lb down and 60 lb up at 9-11-3 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) 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 + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Continued on page 2

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-2=-60, 2-3=-60, 3-5=-60, 5-6=-60, 6-7=-60, 8-12=-20

Concentrated Loads (lb)

Vert: 11=-3(F) 10=-3(F) 15=-3(F) 16=-3(F) 17=-5(F)

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H03	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:17 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-mNi0ZpkylGk5U_WHO0pyPKNEA39PJpzoBvXW7OzjTrq

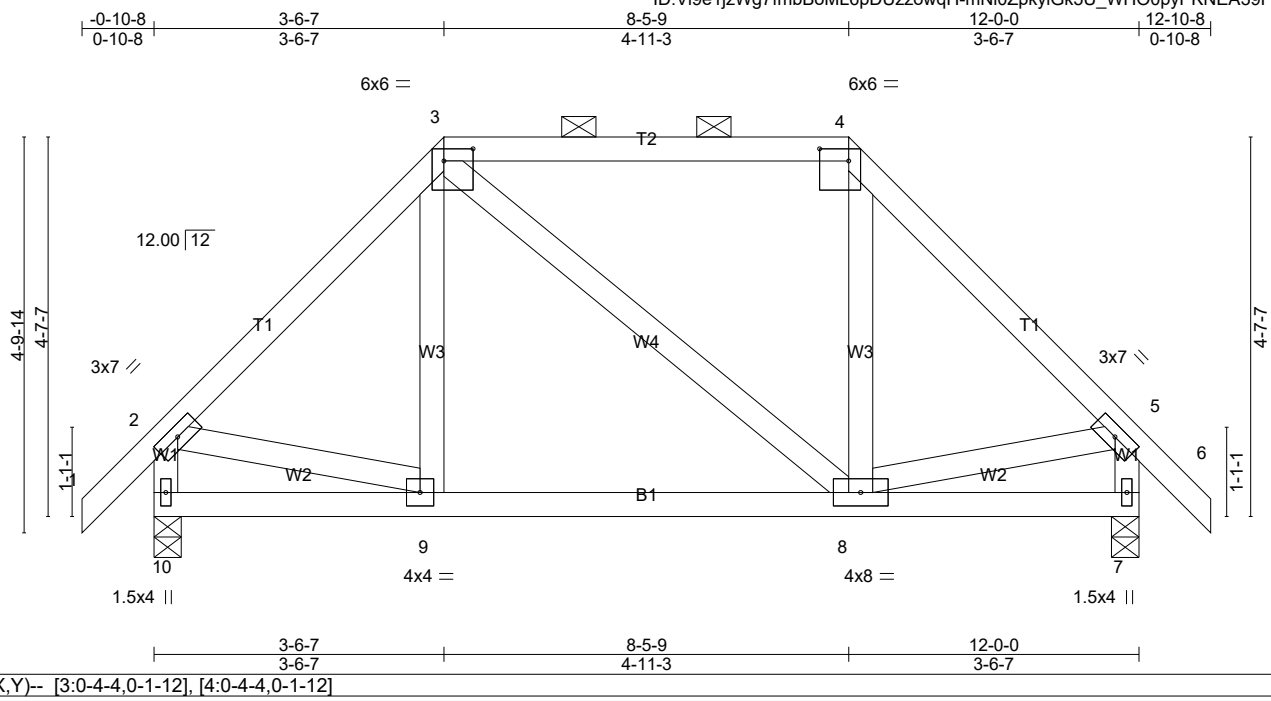


Plate Offsets (X,Y)-- [3:0-4-4,0-1-12], [4:0-4-4,0-1-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.29	Vert(LL)	-0.02	8-9	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.03	8-9	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	7	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 59 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-4.
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) 10=530/0-4-0 (min. 0-1-8), 7=530/0-4-0 (min. 0-1-8)
Max Horz 10=111(LC 11)
Max Uplift10=-80(LC 12), 7=-80(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-462/130, 3-11=-348/140, 3-12=-299/155, 12-13=-299/155, 4-13=-299/155, 4-14=-348/140, 5-14=-463/130, 2-10=-505/171, 5-7=-504/172
BOT CHORD 8-9=-57/273

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 3-6-7, Exterior(2) 3-6-7 to 7-9-5, Interior(1) 7-9-5 to 8-5-9, Exterior(2) 8-5-9 to 12-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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 80 lb uplift at joint 10 and 80 lb uplift at joint 7.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H04	Hip Girder	1	2	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:18 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-EaGOm9kbWaty675TykKBxYvF?TJL29KxQZG4fqzjTrp

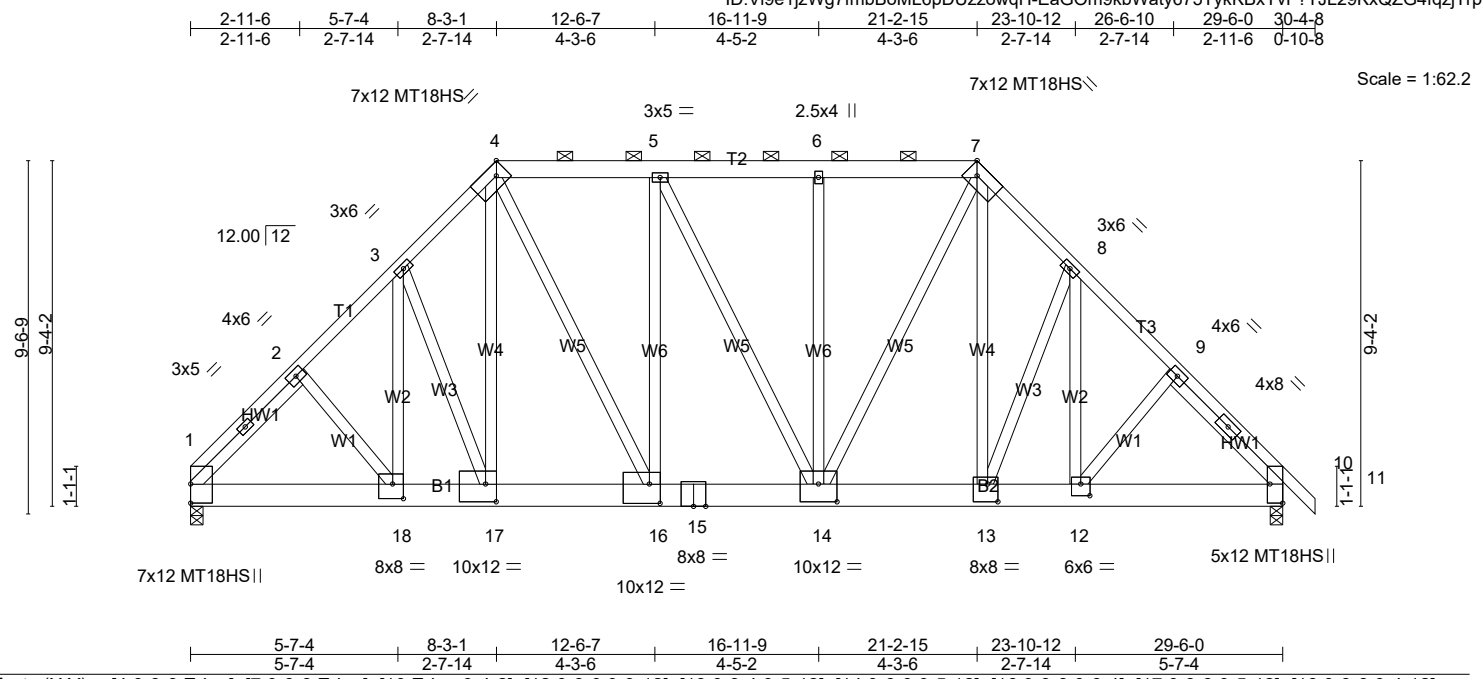


Plate Offsets (X,Y)-- [4:0-3-8,Edge], [7:0-3-8,Edge], [10:Edge,0-4-2], [12:0-3-0,0-3-12], [13:0-3-4,0-5-12], [14:0-6-0,0-5-12], [16:0-3-8,0-6-4], [17:0-3-8,0-5-12], [18:0-3-8,0-4-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.92	Vert(LL)	-0.15	14-16	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.96	Vert(CT)	-0.28	14-16	>999	180	MT18HS	197/144
TCDL	10.0	Rep Stress Incr	NO	WB	0.55	Horz(CT)	0.09	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 517 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD 2x4 SPF No.2 *Except*
T2: 2x6 SPF 1650F 1.5E
BOT CHORD 2x8 SP DSS *Except*
B2: 2x8 SP No.1
WEBS 2x4 SPF No.2 *Except*
W1,W2,W3: 2x4 SPF Stud
SLIDER Left 2x4 SPF Stud -4 4-0-14, Right 2x4 SPF Stud -4 4-0-14

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-3-2 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=12518/0-4-0 (req. 0-10-3), 10=10010/0-4-0 (req. 0-8-1)
Max Horz 1=-171(LC 30)
Max Uplift 1=-2437(LC 12), 10=-2973(LC 13)
Max Grav 1=12989(LC 2), 10=10247(LC 2)

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

TOP CHORD 1-2=-7801/1608, 2-27=-12473/2625, 3-27=-12445/2635, 3-4=-11697/2614, 4-5=-9936/2316, 5-6=-9851/2392, 6-7=-9851/2392, 7-8=-11441/2957, 8-28=-11895/3349, 9-28=-11930/3340, 9-29=-7011/2181, 10-29=-7094/2168

BOT CHORD 1-30=-1800/8558, 30-31=-1800/8558, 18-31=-1800/8558, 18-32=-1815/8815, 17-32=-1815/8815, 17-33=-1713/8198, 33-34=-1713/8198, 34-35=-1713/8198, 16-35=-1713/8198, 15-16=-2135/9936, 15-36=-2135/9936, 36-37=-2135/9936, 37-38=-2135/9936, 14-38=-2135/9936, 14-39=-1880/8019, 39-40=-1880/8019, 40-41=-1880/8019, 13-41=-1880/8019, 13-42=-2203/8435, 12-42=-2203/8435, 12-43=-2202/8142, 10-43=-2202/8142

WEBS 2-18=-224/427, 3-18=-227/1765, 3-17=-1470/322, 4-17=-878/4471, 4-16=-1074/3988, 5-16=-171/350, 6-14=-270/146, 7-14=-708/4202, 7-13=-1443/4097, 8-13=-1210/1016, 8-12=-1142/1350, 9-12=-225/488

NOTES-

1) 2-ply truss to be connected together as follows:
Top chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0-4-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected with 10d (0.131"x3") nails as follows: 2x8 - 2 rows staggered at 0-5-0 oc.
Web connected with Simpson SDS 1/4 x 3 screws as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 2-11-6, Interior(1) 2-11-6 to 8-3-1, Exterior(2) 8-3-1 to 12-6-7, Interior(1) 12-6-7 to 21-2-15, Exterior(2) 21-2-15 to 25-5-13, Interior(1) 25-5-13 to 30-4-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
4) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
6) Provide adequate drainage to prevent water ponding.

Continued on page 2

NOTES-

7) All plates are MT20 plates unless otherwise indicated.
8) The Fabrication Tolerance at joint 1 = 16%, joint 10 = 0%
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, with BCDL = 10.0psf.
11) WARNING: Required bearing size at joint(s) 1, 10 greater than input bearing size.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2437 lb uplift at joint 1 and 2973 lb uplift at joint 10.
13) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
14) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1618 lb down and 240 lb up at 0-0-0, 1582 lb down and 250 lb up at 2-0-12, 1531 lb down and 252 lb up at 4-0-12, 1567 lb down and 266 lb up at 6-0-12, 1489 lb down and 291 lb up at 8-0-12, 1456 lb down and 312 lb up at 10-0-12, 1472 lb down and 302 lb up at 12-0-0, 1449 lb down and 302 lb up at 14-0-0, 1477 lb down and 302 lb up at 16-0-0, 1474 lb down and 285 lb up at 18-0-0, 1463 lb down and 351 lb up at 20-0-0, 1456 lb down and 373 lb up at 22-0-0, and 1394 lb down and 362 lb up at 24-0-0, and 1746 lb down and 1294 lb up at 26-0-0 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: 1-4=-60, 4-7=-60, 7-11=-60, 19-23=-20
   Concentrated Loads (lb)
      Vert: 17=-1362(F) 12=-1363(F) 19=-1618(F) 30=-1582(F) 31=-1475(F) 32=-1475(F) 33=-1361(F) 35=-1361(F) 36=-1361(F) 38=-1361(F) 39=-1361(F) 41=-1360(F) 42=-1362(F) 43=-1715(F)

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H05	Hip	1	1	Job Reference (optional)

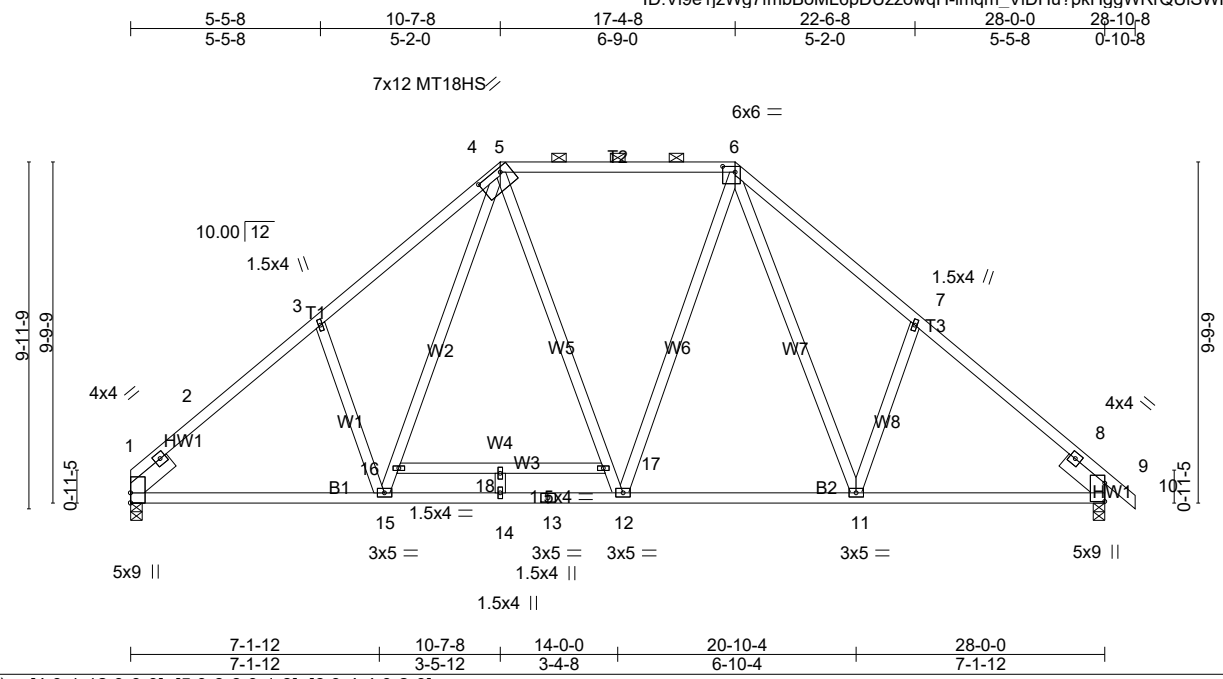


Plate Offsets (X,Y)-- [4:0-1-12,0-0-0], [5:0-8-8,0-1-8], [6:0-4-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.56	Vert(LL)	-0.13	11-12	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.22	11-12	>999	180	MT18HS	197/144
TCDL	10.0	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.06	9	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-MS							Weight: 142 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud
SLIDER Left 2x6 SPF 1650F 1.5E -4 1-6-0, Right 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-4 oc purlins, except 2-0-0 oc purlins (5-3-4 max.): 5-6.
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=1119/0-4-0 (min. 0-1-12), 9=1173/0-4-0 (min. 0-1-13)
Max Horz 1=-182(LC 8)
Max Uplift 1=-172(LC 12), 9=-187(LC 13)
Max Grav 1=1119(LC 1), 9=1174(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-395/0, 2-27=-1362/285, 3-27=-1205/299, 3-28=-1273/376, 4-28=-1184/400, 4-5=-764/273, 5-29=-839/310, 29-30=-839/310, 6-30=-839/310, 6-31=-1239/400, 7-31=-1325/374, 7-32=-1312/295, 8-32=-1364/270, 8-9=-358/0
BOT CHORD 1-15=-188/1045, 14-15=-92/792, 13-14=-92/792, 12-13=-92/792, 12-33=-41/786, 33-34=-41/786, 11-34=-41/786, 9-11=-123/964
WEBS 3-15=-320/271, 15-16=-197/441, 4-16=-190/444, 6-11=-195/484, 7-11=-321/274

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 10-7-8, Exterior(2) 10-7-8 to 14-10-7, Interior(1) 14-10-7 to 17-4-8, Exterior(2) 17-4-8 to 21-7-7, Interior(1) 21-7-7 to 28-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) The Fabrication Tolerance at joint 5 = 8%, joint 5 = 8%
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 172 lb uplift at joint 1 and 187 lb uplift at joint 9.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H06	Hip Girder	1	1	Job Reference (optional)

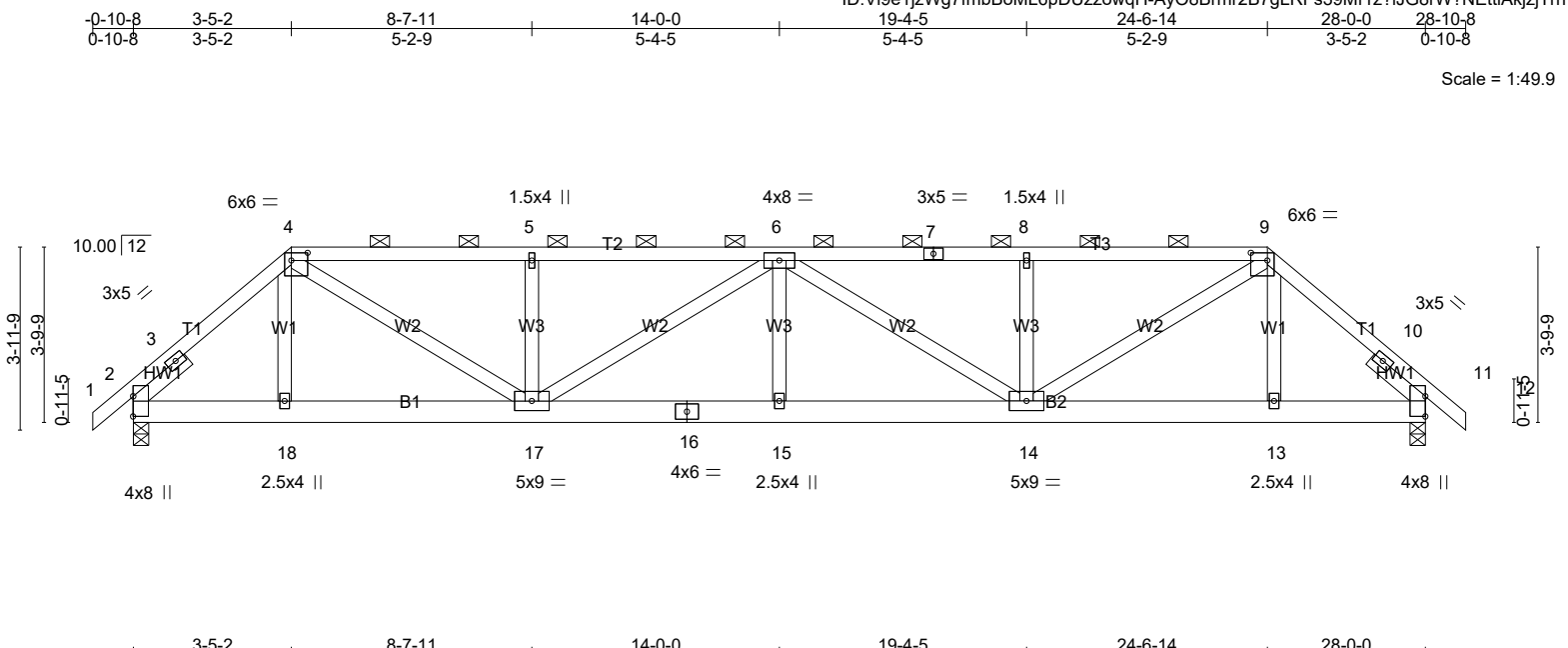


Plate Offsets (X,Y)-- [2:Edge,0-0-0], [4:0-4-4,0-2-0], [9:0-4-4,0-2-0], [11:Edge,0-0-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.49	Vert(LL)	0.22	15	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.32	Vert(CT)	-0.21	15	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.77	Horz(CT)	-0.04	11	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 135 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x6 SPF 1650F 1.5E
WEBS 2x4 SPF Stud
SLIDER Left 2x4 SPF Stud -4 1-6-0, Right 2x4 SPF Stud -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-10 oc purlins, except 2-0-0 oc purlins (3-5-7 max.): 4-9.
BOT CHORD Rigid ceiling directly applied or 6-8-7 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=1294/0-4-0 (min. 0-2-4), 11=1297/0-4-0 (min. 0-2-5)
Max Horz 2=-70(LC 30)
Max Uplift 2=-810(LC 9), 11=-839(LC 8)
Max Grav 2=1449(LC 38), 11=1472(LC 39)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-914/581, 3-27=-1704/1036, 4-27=-1664/1049, 4-28=-2522/1597, 28-29=-2522/1597, 5-29=-2522/1597, 5-30=-2522/1597, 30-31=-2522/1597, 31-32=-2522/1597, 6-32=-2522/1597, 6-33=-2535/1616, 7-33=-2535/1616, 7-8=-2535/1616, 8-34=-2535/1616, 34-35=-2535/1616, 35-36=-2535/1616, 9-36=-2535/1616, 9-37=-1673/1089, 10-37=-1730/1075, 10-11=-931/605
BOT CHORD 2-38=-780/1297, 18-38=-780/1297, 18-39=-781/1296, 39-40=-781/1296, 17-40=-781/1296, 17-41=-1826/2981, 41-42=-1826/2981, 16-42=-1826/2981, 16-43=-1826/2981, 15-43=-1826/2981, 15-44=-1826/2981, 44-45=-1826/2981, 14-45=-1826/2981, 14-46=-763/1292, 46-47=-763/1292, 13-47=-763/1292, 13-48=-762/1293, 11-48=-762/1293
WEBS 4-17=-970/1533, 5-17=-389/312, 6-17=-506/333, 6-14=-491/310, 8-14=-390/314, 9-14=-959/1525

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 3-5-2, Exterior(2) 3-5-2 to 7-8-0, Interior(1) 7-8-0 to 24-6-14, Exterior(2) 24-6-14 to 28-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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 810 lb uplift at joint 2 and 839 lb uplift at joint 11.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 96 lb down and 112 lb up at 3-5-2, 99 lb down and 105 lb up at 5-5-14, 98 lb down and 105 lb up at 7-5-14, 98 lb down and 105 lb up at 9-5-14, 98 lb down and 105 lb up at 11-5-14, 98 lb down and 105 lb up at 13-5-14, 98 lb down and 105 lb up at 15-5-14, 98 lb down and 105 lb up at 17-5-14, 98 lb down and 105 lb up at 19-5-14, 99 lb down and 105 lb up at 21-5-14, and 99 lb down and 105 lb up at 23-5-14, and 96 lb down and 112 lb up at 24-6-14 on top chord, and 84 lb down and 90 lb up at 2-0-12, 38 lb down and 43 lb up at 3-5-14, 38 lb down and 43 lb up at 5-5-14, 38 lb down and 43 lb up at 7-5-14, 38 lb down and 43 lb up at 9-5-14, 38 lb down and 43 lb up at 11-5-14, 38 lb down and 43 lb up at 13-5-14, 38 lb down and 43 lb up at 15-5-14, 38 lb down and 43 lb up at 17-5-14, 38 lb down and 43 lb up at 19-5-14, 38 lb down and 43 lb up at 21-5-14, 38 lb down and 43 lb up at 23-5-14, and 38 lb down and 43 lb up at 24-6-2, and 84 lb down and 90 lb up at 25-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

11) 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 + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-4=-60, 4-9=-60, 9-12=-60, 19-23=-20
   Concentrated Loads (lb)
      Vert: 7=-2(B) 18=-6(B) 4=-2(B) 8=-2(B) 14=-6(B) 9=-2(B) 13=-6(B) 28=-2(B) 29=-2(B) 30=-2(B) 31=-2(B) 32=-2(B) 33=-2(B) 35=-2(B) 36=-2(B) 38=-74(B) 39=-6(B) 40=-6(B) 41=-6(B) 42=-6(B) 43=-6(B) 44=-6(B) 45=-6(B) 46=-6(B) 47=-6(B) 48=-74(B)

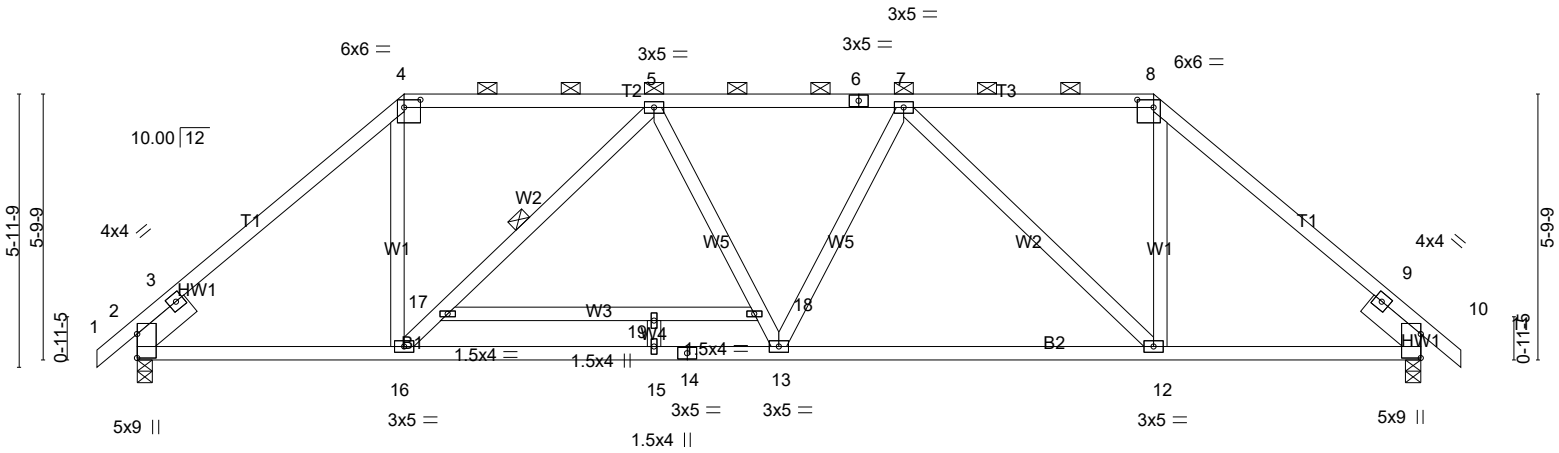
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H07	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.310 s May 22 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:21 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-f9yXPBnTpVFXzbq2dsuuZAXqYgOfFS7O6WVkG9zjTrm

-0-10-8	5-9-14	11-3-5	16-8-11	22-2-2	28-0-0	28-10-8
0-10-8	5-9-14	5-5-6	5-5-6	5-5-6	5-9-14	0-10-8

Scale = 1:50.3



5-9-14	11-3-5	14-0-0	22-2-2	28-0-0
5-9-14	5-5-6	2-8-11	8-2-2	5-9-14

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

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.65	Vert(LL)	-0.14	12-13	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.30	12-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 127 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
SLIDER	Left 2x6 SPF 1650F 1.5E -4 1-6-0, Right 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-7-0 oc purlins, except 2-0-0 oc purlins (4-8-9 max.): 4-8.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 5-16

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

REACTIONS. (lb/size) 2=1173/0-4-0 (min. 0-1-13), 10=1173/0-4-0 (min. 0-1-13)
Max Horz 2=-109(LC 10)
Max Uplift2=-169(LC 9), 10=-169(LC 8)

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

TOP CHORD	2-3=-264/11, 3-28=-1362/266, 28-29=-1332/272, 4-29=-1242/292, 4-30=-936/287, 5-30=-936/287, 5-6=-1432/352, 6-7=-1432/352, 7-31=-939/285, 8-31=-939/285, 8-32=-1247/289, 32-33=-1337/269, 9-33=-1367/263
BOT CHORD	2-16=-191/950, 15-16=-280/1380, 14-15=-280/1380, 13-14=-280/1380, 13-34=-267/1386, 34-35=-267/1386, 12-35=-267/1386, 10-12=-112/954
WEBS	4-16=-55/542, 16-17=-632/213, 5-17=-631/218, 7-12=-627/220, 8-12=-53/550

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 5-9-14, Exterior(2) 5-9-14 to 10-0-13, Interior(1) 10-0-13 to 22-2-2, Exterior(2) 22-2-2 to 26-5-0, Interior(1) 26-5-0 to 28-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 169 lb uplift at joint 2 and 169 lb uplift at joint 10.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H08	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.310 s May 22 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:21 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-f9yXPBnTpVFXzbq2dsuuZAXrPgOjFREO6WVkG9zjTrm

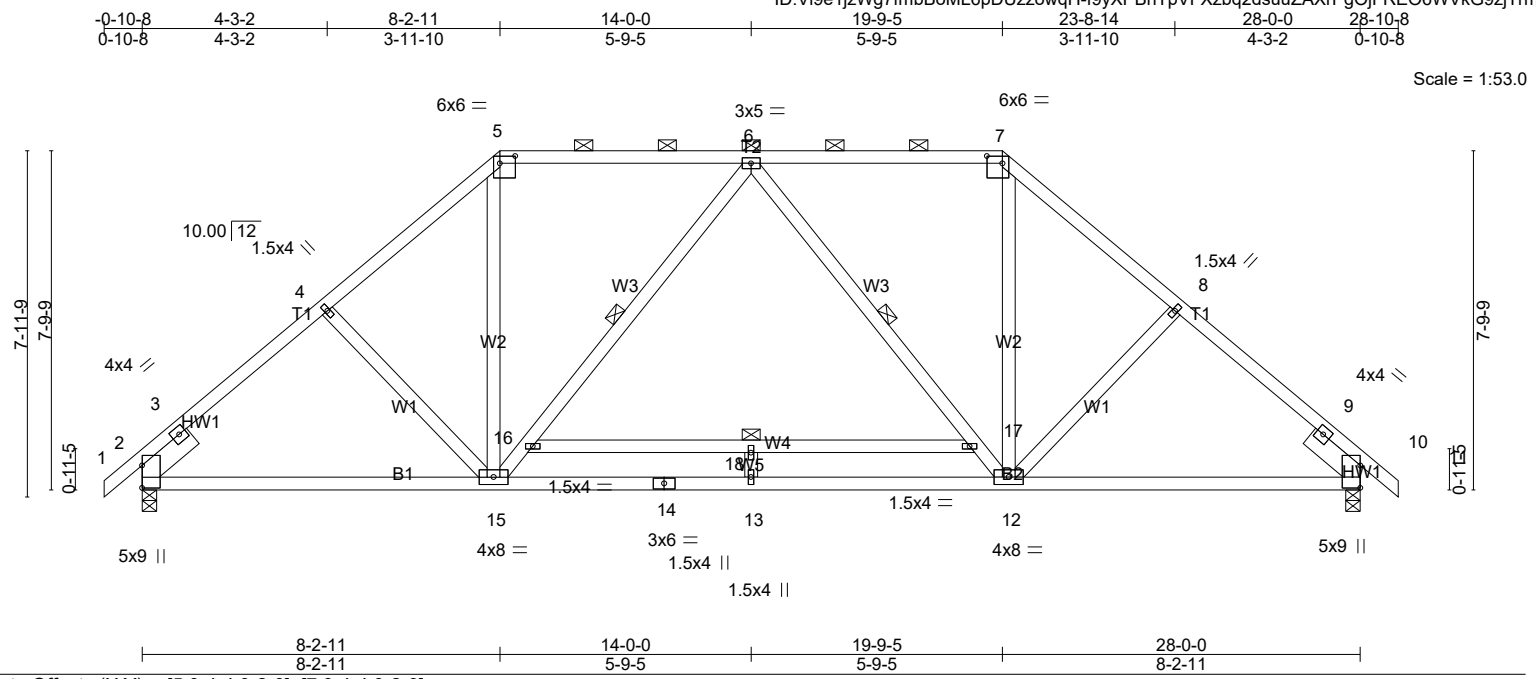


Plate Offsets (X,Y)-- [5:0-4-4,0-2-0], [7:0-4-4,0-2-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.59	Vert(LL)	-0.27	13	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.58	13	>578	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 140 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud
SLIDER Left 2x6 SPF 1650F 1.5E -4 1-6-0, Right 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-14 oc purlins, except 2-0-0 oc purlins (5-10-5 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-15, 6-12, 16-17

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

REACTIONS. (lb/size) 2=1173/0-4-0 (min. 0-1-13), 10=1173/0-4-0 (min. 0-1-13)
Max Horz 2=-148(LC 10)
Max Uplift2=-174(LC 12), 10=-174(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-286/0, 3-27=-1370/286, 4-27=-1320/304, 4-5=-1219/316, 5-28=-886/291, 6-28=-886/291, 6-29=-886/291, 7-29=-886/291, 7-8=-1219/316, 8-30=-1320/304, 9-30=-1370/286, 9-10=-286/0
BOT CHORD 2-15=-209/966, 14-15=-175/1050, 13-14=-175/1050, 12-13=-175/1050, 10-12=-144/966
WEBS 5-15=-70/481, 15-16=-272/175, 12-17=-272/174, 7-12=-70/481

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 8-2-11, Exterior(2) 8-2-11 to 12-5-10, Interior(1) 12-5-10 to 19-9-5, Exterior(2) 19-9-5 to 23-10-2, Interior(1) 23-10-2 to 28-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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 174 lb uplift at joint 2 and 174 lb uplift at joint 10.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H09	Half Hip Girder	2	1	Job Reference (optional)

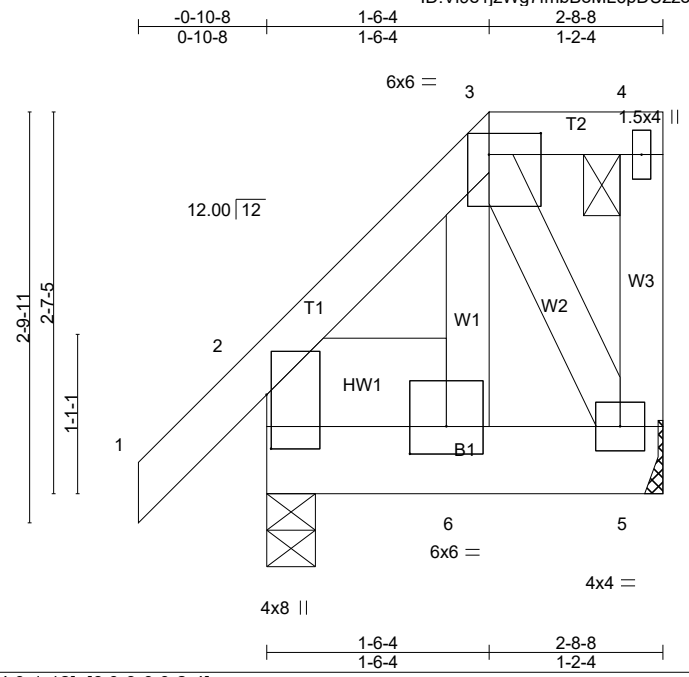


Plate Offsets (X,Y)-- [2:0-4-7,0-0-6], [3:0-4-4,0-1-12], [6:0-3-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	0.00	9	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.01	Vert(CT)	-0.00	9	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.03	Horz(CT)	-0.00	2	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MP							Weight: 21 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x6 SPF 1650F 1.5E
WEBS 2x4 SPF Stud
SLIDER Left 2x8 SP No.1 -4 1-2-12

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-8-8 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-4.
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=164/0-4-0 (min. 0-1-8), 5=94/Mechanical
Max Horz 2=77(LC 11)
Max Uplift2=-47(LC 12), 5=-71(LC 9)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 47 lb uplift at joint 2 and 71 lb uplift at joint 5.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 5 lb down and 76 lb up at 1-6-4 on top chord, and 2 lb down and 32 lb up at 1-7-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
12) 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 + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-60, 3-4=-60, 5-7=-20
Concentrated Loads (lb)
Vert: 6=-1(B)

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H10	Hip	1	1	Job Reference (optional)

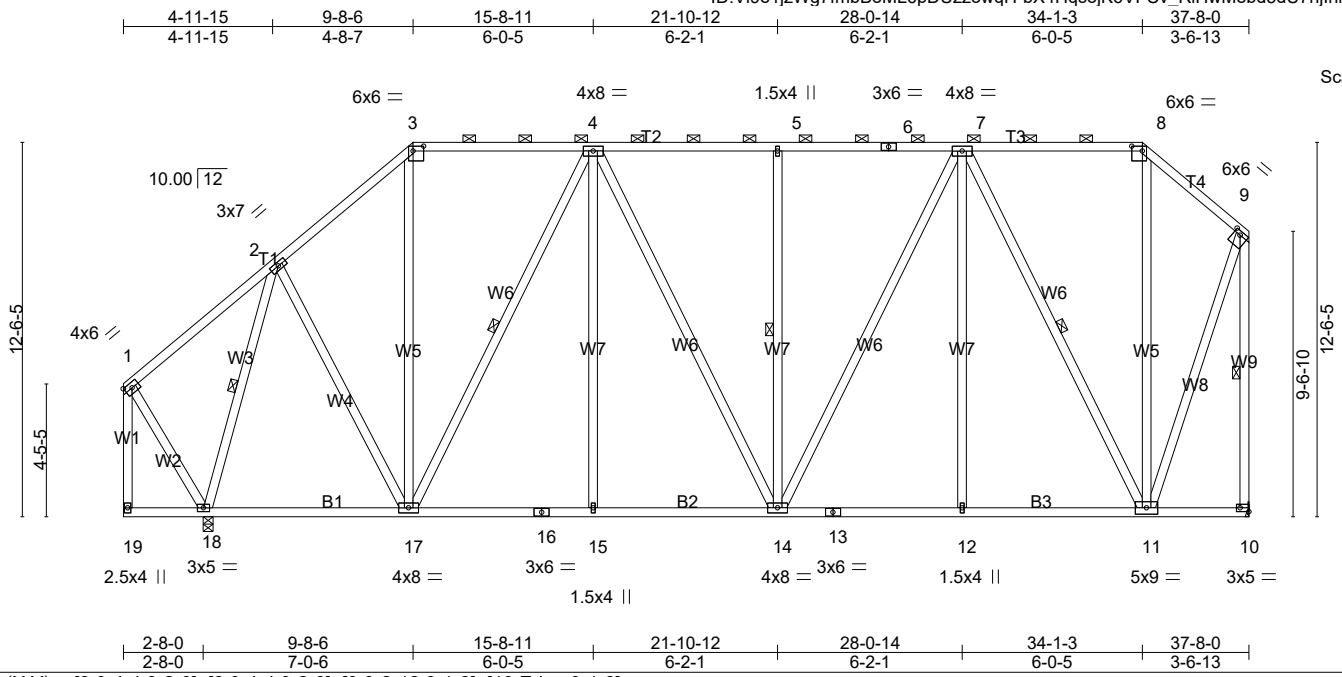


Plate Offsets (X,Y)-- [3:0-4-4,0-2-0], [8:0-4-4,0-2-0], [9:0-2-12,0-1-8], [10:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.99	Vert(LL)	-0.08	14-15	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.49	Vert(CT)	-0.15	14-15	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.04	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 271 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W1,W2: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-15 oc purlins, except end verticals, and 2-0-0 oc purlins (5-4-2 max.): 3-8.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-18, 4-17, 5-14, 7-11, 9-10

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

REACTIONS. (lb/size) 18=1609/0-4-0 (min. 0-2-12), 10=1381/Mechanical
Max Horz 18=327(LC 9)
Max Uplift 18=-212(LC 12), 10=-265(LC 9)
Max Grav 18=1752(LC 22), 10=1494(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1015/330, 3-22=-732/302, 4-22=-732/302, 4-5=-1136/382, 5-6=-1136/382, 6-7=-1136/382, 7-23=-462/275, 8-23=-462/275, 8-9=-643/318, 9-10=-1481/332
BOT CHORD 18-24=-281/480, 24-25=-281/480, 17-25=-281/480, 17-26=-313/1052, 16-26=-313/1052, 15-16=-313/1052, 15-27=-313/1052, 14-27=-313/1052, 13-14=-230/904, 12-13=-230/904, 12-28=-230/904, 11-28=-230/904
WEBS 2-18=-1540/341, 2-17=-115/706, 3-17=-74/359, 4-17=-838/245, 4-15=0/346, 5-14=-357/183, 7-14=-153/448, 7-12=0/368, 7-11=-1159/300, 9-11=-237/1151

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-10-15, Interior(1) 3-10-15 to 9-8-6, Exterior(2) 9-8-6 to 15-0-4, Interior(1) 15-0-4 to 34-1-3, Exterior(2) 34-1-3 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
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 = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 212 lb uplift at joint 18 and 265 lb uplift at joint 10.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H11	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:23 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-bX4HqsojK6VFCv_RlHwMebd79U5UjIchZq_rL2zjTrk

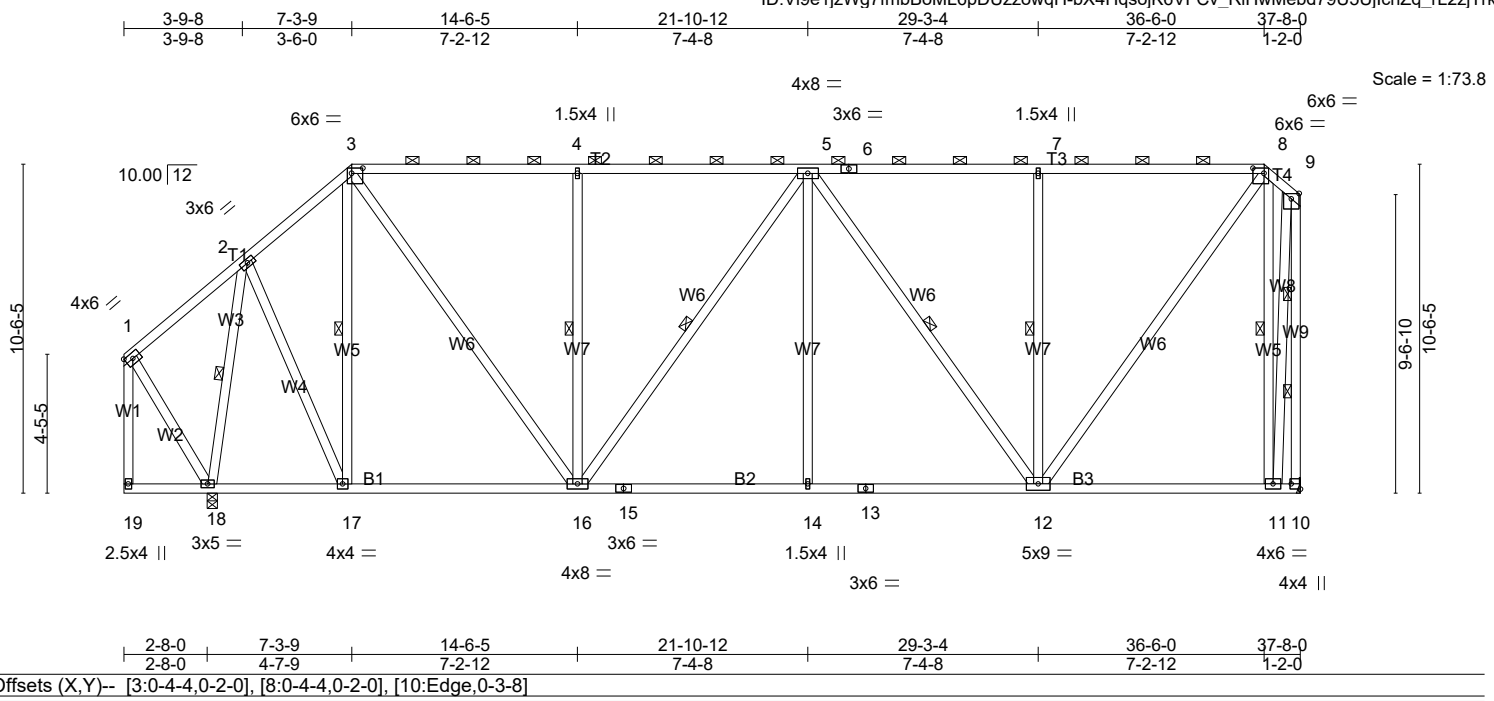


Plate Offsets (X,Y)-- [3:0-4-4,0-2-0], [8:0-4-4,0-2-0], [10:Edge,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.83	Vert(LL)	-0.13	11-12	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.64	Vert(CT)	-0.24	11-12	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.04	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 250 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W1,W2: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (4-8-13 max.): 3-8.
BOT CHORD Rigid ceiling directly applied or 9-10-2 oc bracing.
WEBS 1 Row at midpt 2-18, 3-17, 4-16, 5-16, 5-12, 7-12, 8-11
2 Rows at 1/3 pts 9-10

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

REACTIONS. (lb/size) 18=1610/0-4-0 (min. 0-2-10), 10=1380/Mechanical
Max Horz 18=288(LC 9)
Max Uplift18=-245(LC 9), 10=-331(LC 9)
Max Grav 18=1685(LC 22), 10=1512(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-807/269, 3-21=-1195/355, 4-21=-1195/355, 4-5=-1195/355, 5-6=-1026/330, 6-7=-1026/330, 7-22=-1026/330, 8-22=-1026/330, 8-9=-377/302, 9-10=-1674/369
BOT CHORD 17-18=-258/358, 17-23=-253/586, 16-23=-253/586, 15-16=-354/1309, 15-24=-354/1309, 14-24=-354/1309, 13-14=-354/1309, 13-25=-354/1309, 12-25=-354/1309
WEBS 2-18=-1580/330, 2-17=-166/949, 3-17=-650/229, 3-16=-277/1058, 4-16=-475/245, 5-16=-284/90, 5-14=0/403, 5-12=-599/168, 7-12=-477/243, 8-12=-356/1387, 8-11=-1229/434, 9-11=-260/1457

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-9-14, Interior(1) 3-9-14 to 7-3-9, Exterior(2) 7-3-9 to 12-7-8, Interior(1) 12-7-8 to 36-6-0, Exterior(2) 36-6-0 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
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 = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 245 lb uplift at joint 18 and 331 lb uplift at joint 10.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

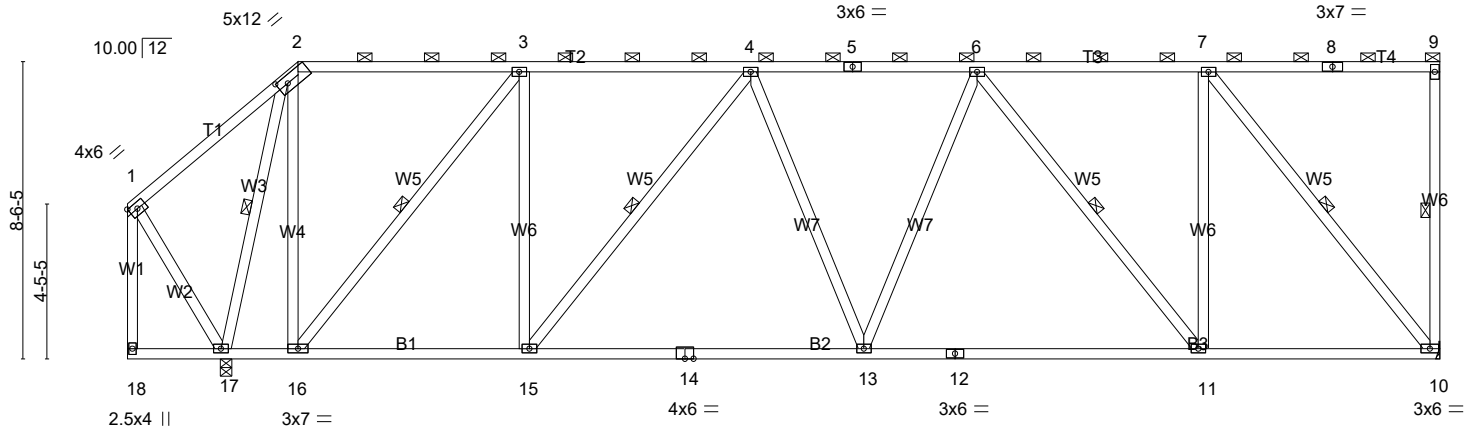
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H12	Half Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:24 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-3kdf1CpL5Qd6q2YdI?RbBp9OGtO7SnHqoUjOtUzjTrj

4-10-12	11-4-11	17-10-10	24-4-10	30-10-9	37-8-0
4-10-12	6-5-15	6-5-15	6-5-15	6-5-15	6-9-7

Scale = 1:66.1



4-10-12					
2-8-0	2-10-0	11-4-11	21-1-10	30-10-9	37-8-0
2-8-0	0-2-0 2-0-12	6-5-15	9-8-15	9-8-15	6-9-7

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.49	Vert(LL)	-0.23	11-13	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.81	Vert(CT)	-0.42	13-15	>985	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 209 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2 *Except*
B2: 2x4 SPF 1650F 1.5E
WEBS 2x4 SPF No.2 *Except*
W1,W2: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (4-4-3 max.): 2-9.
BOT CHORD Rigid ceiling directly applied or 8-9-10 oc bracing.
WEBS 1 Row at midpt 9-10, 2-17, 3-16, 4-15, 6-11, 7-10

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

REACTIONS. (lb/size) 10=1381/Mechanical, 17=1609/0-4-0 (min. 0-2-10)
Max Horz 17=238(LC 11)
Max Uplift 10=-353(LC 9), 17=-287(LC 9)
Max Grav 10=1482(LC 21), 17=1677(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-20=-351/186, 3-20=-351/186, 3-4=-1243/334, 4-5=-1665/380, 5-6=-1665/380, 6-7=-1113/303
BOT CHORD 16-17=-218/404, 16-22=-362/1214, 15-22=-362/1214, 15-23=-433/1564, 14-23=-433/1564, 14-24=-433/1564, 13-24=-433/1564, 13-25=-396/1503, 12-25=-396/1503, 12-26=-396/1503, 11-26=-396/1503, 11-27=-255/1038, 10-27=-255/1038
WEBS 2-17=-1548/284, 2-16=-188/1194, 3-16=-1461/328, 3-15=-37/789, 4-15=-591/176, 6-13=0/305, 6-11=-751/228, 7-11=-70/914, 7-10=-1641/379

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-10-15, Interior(1) 3-10-15 to 4-10-12, Exterior(2) 4-10-12 to 10-2-11, Interior(1) 10-2-11 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x5 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 353 lb uplift at joint 10 and 287 lb uplift at joint 17.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

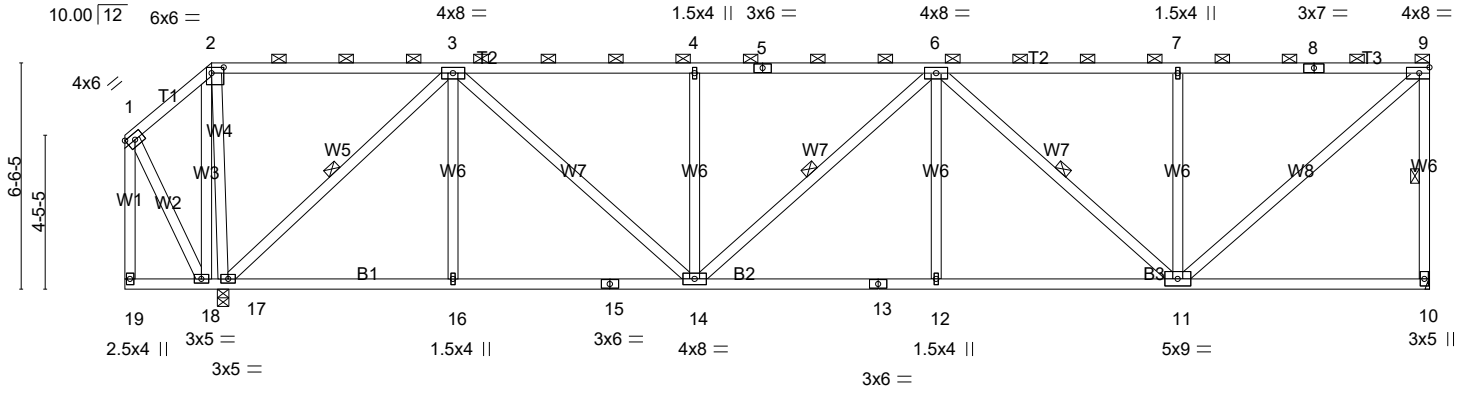
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H13	Half Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:25 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-XwB1EYq_sklySC7psiyqj0iX5HmcBH2z18TxPwzjTri

2-5-15	9-5-11	16-5-6	23-5-1	30-4-13	37-8-0
2-5-15	6-11-11	6-11-11	6-11-11	6-11-11	7-3-3

Scale = 1:66.5



2-5-15	9-5-11	16-5-6	23-5-1	30-4-13	37-8-0
2-5-15	6-9-11	6-11-11	6-11-11	6-11-11	7-3-3

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.61	Vert(LL)	-0.12	12-14	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.25	12-14	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 195 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud *Except*
W5,W7,W8: 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (3-9-13 max.): 2-9.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 9-10, 3-17, 6-14, 6-11

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

REACTIONS. (lb/size) 10=1379/Mechanical, 17=1611/0-4-0 (min. 0-2-9)
Max Horz 17=179(LC 11)
Max Uplift 10=-342(LC 9), 17=-352(LC 8)
Max Grav 10=1419(LC 21), 17=1623(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-1920/485, 4-5=-1920/485, 5-6=-1920/485, 6-7=-1368/373, 7-21=-1368/373, 8-21=-1368/373, 8-9=-1368/373, 9-10=-1319/375
BOT CHORD 17-22=-376/1270, 16-22=-376/1270, 16-23=-376/1270, 15-23=-376/1270, 14-15=-376/1270, 14-24=-495/1948, 13-24=-495/1948, 12-13=-495/1948, 12-25=-495/1948, 11-25=-495/1948
WEBS 3-17=-1780/427, 3-16=0/319, 3-14=-217/871, 4-14=-412/211, 6-12=0/319, 6-11=-854/210, 7-11=-461/239, 9-11=-430/1726

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 7-9-14, Interior(1) 7-9-14 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
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 = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 342 lb uplift at joint 10 and 352 lb uplift at joint 17.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

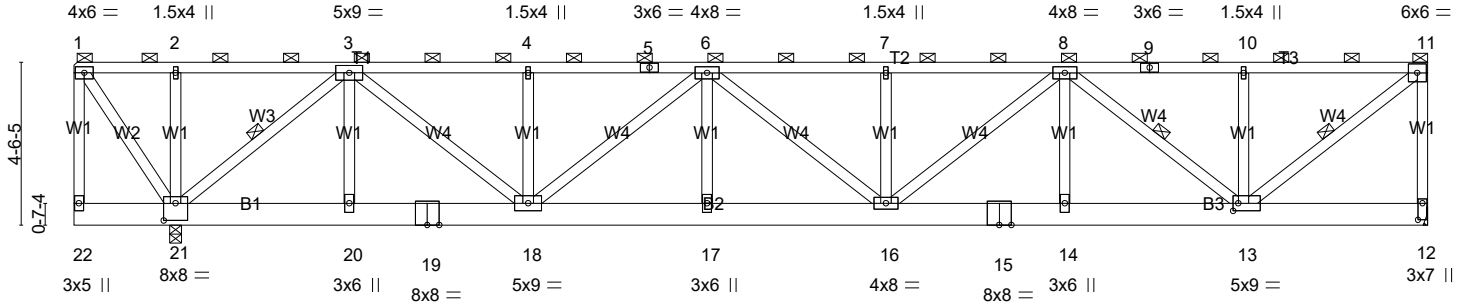
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H14	Half Hip Girder	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:26 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-?6lQSuqcd1tp3Mi0QPT3GEEf?h9AwfG7FoCVxNzjTrh

0-1-3	2-10-0	7-7-15	12-7-11	17-7-6	22-7-2	27-6-13	32-6-9	37-8-0
0-1-3	2-8-13	4-9-15	4-11-11	4-11-11	4-11-11	4-11-11	4-11-11	5-1-7

Scale: 3/16"=1'



2-8-0	2-10-0	7-7-15	12-7-11	17-7-6	22-7-2	27-6-13	32-6-9	37-8-0
2-8-0	0-2-0	4-9-15	4-11-11	4-11-11	4-11-11	4-11-11	4-11-11	5-1-7

Plate Offsets (X,Y)-- [12:0-5-8,0-1-8], [13:0-1-12,0-2-8], [21:0-4-0,0-5-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.73	Vert(LL)	0.36	16-17	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.45	Vert(CT)	-0.37	16-17	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	1.00	Horz(CT)	-0.06	12	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 248 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x8 SP No.1
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD 2-0-0 oc purlins (2-9-10 max.): 1-11, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-8 oc bracing.
WEBS 1 Row at midpt 3-21, 8-13, 11-13

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

REACTIONS. (lb/size) 12=1735/Mechanical, 21=2019/0-4-0 (min. 0-3-7)
Max Horz 21=115(LC 9)
Max Uplift 12=-1274(LC 9), 21=-1441(LC 8)
Max Grav 12=1902(LC 38), 21=2205(LC 39)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-27=-3233/2165, 27-28=-3233/2165, 4-28=-3233/2165, 4-29=-3233/2165, 5-29=-3233/2165, 5-30=-3233/2165, 6-30=-3233/2165, 6-31=-3930/2629, 31-32=-3930/2629, 7-32=-3930/2629, 7-33=-3930/2629, 33-34=-3930/2629, 8-34=-3930/2629, 8-35=-2026/1366, 9-35=-2026/1366, 9-36=-2026/1366, 10-36=-2026/1366, 10-37=-2026/1366, 37-38=-2026/1366, 38-39=-2026/1366, 11-39=-2026/1366, 11-12=-1785/1232
BOT CHORD 21-41=-1302/1904, 41-42=-1302/1904, 20-42=-1302/1904, 20-43=-1302/1904, 19-43=-1302/1904, 19-44=-1302/1904, 18-44=-1302/1904, 18-45=-2658/3946, 45-46=-2658/3946, 17-46=-2658/3946, 17-47=-2658/3946, 47-48=-2658/3946, 16-48=-2658/3946, 16-49=-2236/3324, 15-49=-2236/3324, 15-50=-2236/3324, 14-50=-2236/3324, 14-51=-2236/3324, 51-52=-2236/3324, 13-52=-2236/3324
WEBS 2-21=-310/235, 3-21=-2482/1666, 3-18=-1156/1728, 4-18=-361/334, 6-18=-946/643, 6-17=-66/295, 7-16=-362/335, 8-16=-515/772, 8-14=-70/294, 8-13=-1724/1159, 10-13=-397/369, 11-13=-1697/2545

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-10-15, Interior(1) 3-10-15 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1274 lb uplift at joint 12 and 1441 lb uplift at joint 21.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 116 lb down and 132 lb up at 0-7-4, 102 lb down and 75 lb up at 2-8-12, 122 lb down and 136 lb up at 4-8-12, 122 lb down and 136 lb up at 6-8-12, 122 lb down and 136 lb up at 8-8-12, 122 lb down and 136 lb up at 10-8-12, 122 lb down and 136 lb up at 12-8-12, 122 lb down and 136 lb up at 14-8-12, 122 lb down and 136 lb up at 16-8-12, 122 lb down and 136 lb up at 18-8-12, 122 lb down and 136 lb up at 20-8-12, 122 lb down and 136 lb up at 22-8-12, 122 lb down and 136 lb up at 24-8-12, 122 lb down and 136 lb up at 26-8-12, 122 lb down and 136 lb up at 28-8-12, 122 lb down and 136 lb up at 30-8-12, 122 lb down and 136 lb up at 32-8-12, and 122 lb down and 136 lb up at 34-8-12, and 119 lb down and 134 lb up at 36-8-12 on top chord, and 66 lb down and 36 lb up at 0-7-4, 43 lb down and 41 lb up at 4-8-12, 43 lb down and 41 lb up at 6-8-12, 43 lb down and 41 lb up at 8-8-12, 43 lb down and 41 lb up at 10-8-12, 43 lb down and 41 lb up at 12-8-12, 43 lb down and 41 lb up at 14-8-12, 43 lb down and 41 lb up at 16-8-12, 43 lb down and 41 lb up at 18-8-12, 43 lb down and 41 lb up at 20-8-12, 43 lb down and 41 lb up at 22-8-12, 43 lb down and 41 lb up at 24-8-12, 43 lb down and 41 lb up at 26-8-12, 43 lb down and 41 lb up at 28-8-12, 43 lb down and 41 lb up at 30-8-12, 43 lb down and 41 lb up at 32-8-12, and 43 lb down and 41 lb up at 34-8-12, and 45 lb down and 39 lb up at 36-8-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

11) 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 + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-11=-60, 12-22=-20

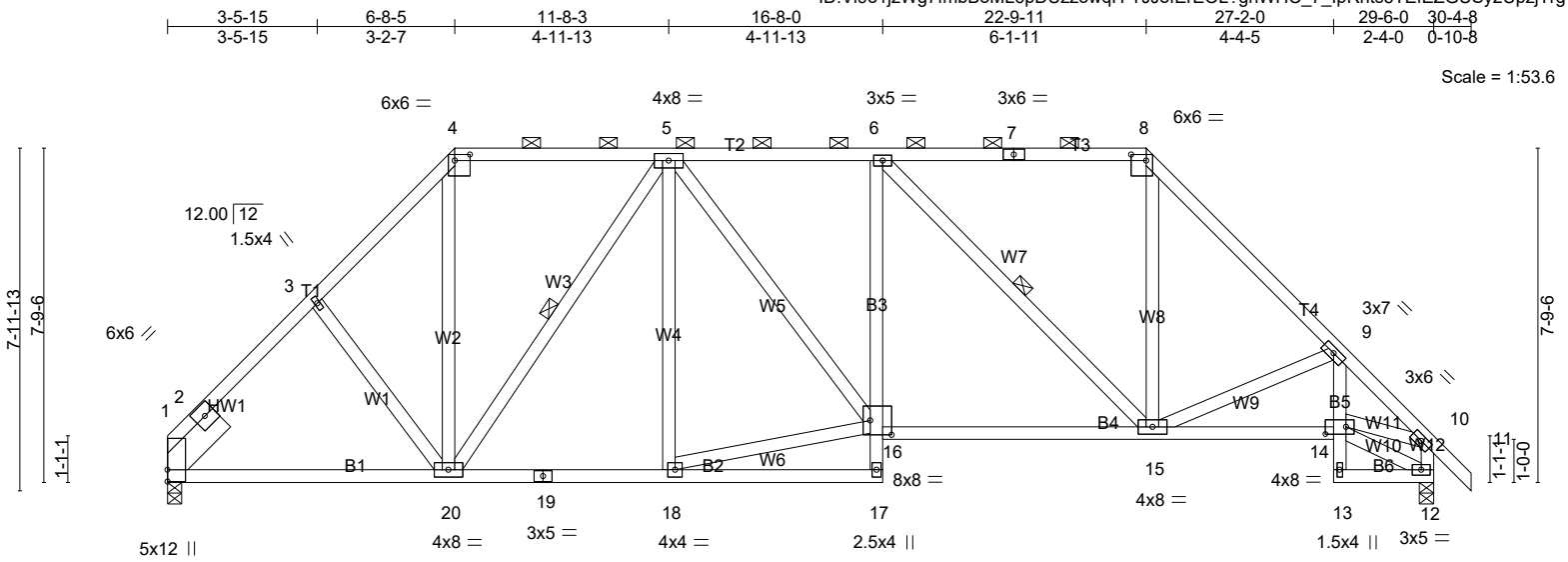
Concentrated Loads (lb)

Vert: 2=-12 18=-13(F) 4=-27(F) 7=-27(F) 16=-13(F) 10=-27(F) 13=-13(F) 23=-43(F) 25=-27(F) 26=-27(F) 27=-27(F) 28=-27(F) 29=-27(F) 30=-27(F) 31=-27(F) 32=-27(F) 33=-27(F) 34=-27(F) 35=-27(F) 36=-27(F) 38=-27(F) 39=-33(F) 40=-18(F) 41=-13(F) 42=-13(F) 43=-13(F) 44=-13(F) 45=-13(F) 46=-13(F) 47=-13(F) 48=-13(F) 49=-13(F) 50=-13(F) 51=-13(F) 52=-13(F) 53=-13(F) 54=-15(F)

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H15	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:27 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-TJJofErEOL?ghWHC_7_IpRnts5TEfEZGUSy2UpzjTrg



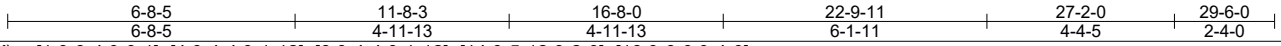


Plate Offsets (X,Y)-- [1:0-3-4,0-0-1], [4:0-4-4,0-1-12], [8:0-4-4,0-1-12], [14:0-5-12,0-2-0], [16:0-6-0,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.53	Vert(LL)	-0.08	15-16	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.52	Vert(CT)	-0.18	15-16	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.08	12	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 165 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2 *Except*
	B5: 2x4 SPF Stud
WEBS	2x4 SPF Stud *Except*
	W2,W3,W4,W5,W7: 2x4 SPF No.2
SLIDER	Left 2x8 SP No.1 -4 1-9-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-1-3 oc purlins, except end verticals, and 2-0-0 oc purlins (4-9-8 max.): 4-8.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 17-18.
WEBS	1 Row at midpt 5-20, 6-15

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

REACTIONS. (lb/size) 1=1173/0-4-0 (min. 0-1-13), 12=1236/0-4-0 (min. 0-1-15)
Max Horz 1=-162(LC 8)
Max Uplift1=-156(LC 9), 12=-166(LC 13)

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

TOP CHORD	1-2=-278/2, 2-25=-1320/292, 25-26=-1229/305, 3-26=-1224/307, 3-4=-1202/345, 4-27=-810/288, 5-27=-810/288, 5-6=-1362/373, 6-28=-931/292, 7-28=-931/292, 7-8=-931/292, 8-9=-1439/322, 9-10=-1645/306, 10-12=-1189/257
BOT CHORD	1-20=-223/872, 19-20=-222/1141, 19-29=-222/1141, 18-29=-222/1141, 16-30=-254/1385, 15-30=-256/1382, 14-15=-176/1176
WEBS	4-20=-126/570, 5-20=-585/179, 16-18=-207/1157, 5-16=-73/395, 6-15=-666/206, 8-15=-78/659, 9-15=-360/209, 10-14=-177/1123

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 6-8-5, Exterior(2) 6-8-5 to 10-11-4, Interior(1) 10-11-4 to 22-9-11, Exterior(2) 22-9-11 to 27-3-12, Interior(1) 27-3-12 to 30-4-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 156 lb uplift at joint 1 and 166 lb uplift at joint 12.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

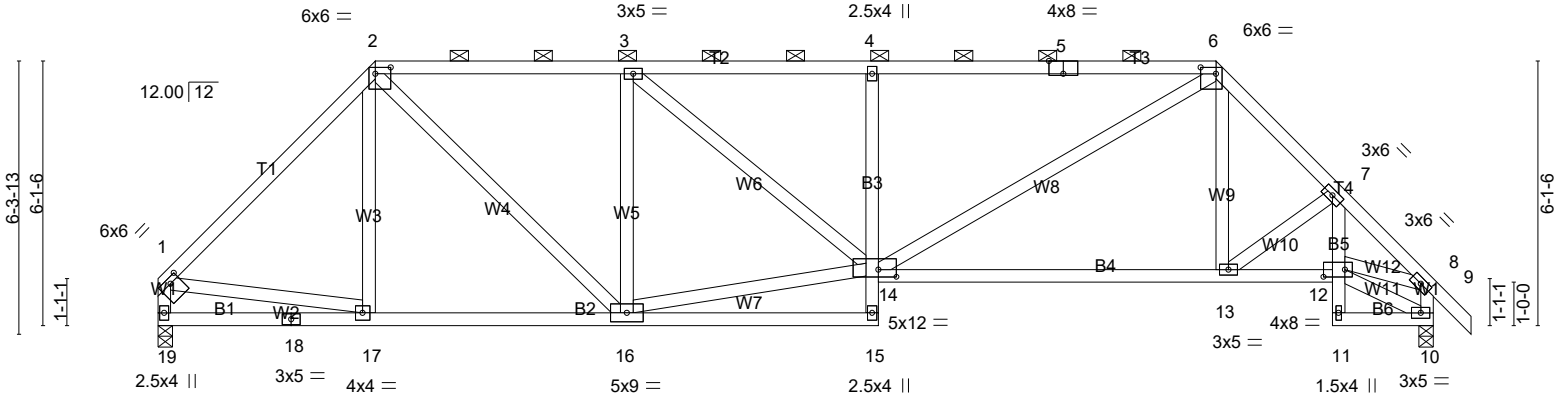
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H16	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:27 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-TJJofErEOL?ghWHC_7_lpRnr35SHfDBGUSy2UpzjTrg

5-0-5	10-10-3	16-8-0	24-5-11	27-2-0	29-6-0	30-4-8
5-0-5	5-9-13	5-9-13	7-9-11	2-8-5	2-4-0	0-10-8

Scale = 1:53.3



5-0-5	10-10-3	16-8-0	24-5-11	27-2-0	29-6-0
5-0-5	5-9-13	5-9-13	7-9-11	2-8-5	2-4-0

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

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.65	Vert(LL)	-0.14	13-14	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.30	13-14	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 149 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD 2x4 SPF No.2 *Except*
T2,T3: 2x4 SPF 1650F 1.5E
BOT CHORD 2x4 SPF No.2 *Except*
B3,B5: 2x4 SPF Stud
WEBS 2x4 SPF Stud *Except*
W4,W8: 2x4 SPF No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-7-0 oc purlins, except end verticals, and 2-0-0 oc purlins (4-1-14 max.): 2-6.
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) 19=1167/0-4-0 (min. 0-1-13), 10=1231/0-4-0 (min. 0-1-15)
Max Horz 19=-134(LC 8)
Max Uplift19=-192(LC 9), 10=-196(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-20=-1291/252, 20-21=-1190/262, 2-21=-1163/277, 2-22=-1386/371, 3-22=-1386/371, 3-4=-1781/431, 4-23=-1814/439, 5-23=-1814/439, 5-6=-1814/439, 6-7=-1490/314, 7-24=-1553/308, 8-24=-1617/298, 1-19=-1124/259, 8-10=-1189/275
BOT CHORD 16-17=-192/837, 4-14=-449/234, 13-14=-149/1028, 12-13=-138/1108
WEBS 2-16=-216/784, 3-16=-666/251, 14-16=-261/1329, 3-14=-111/503, 6-14=-275/919, 6-13=0/351, 1-17=-131/734, 8-12=-142/1069

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 5-0-5, Exterior(2) 5-0-5 to 9-3-4, Interior(1) 9-3-4 to 24-5-11, Exterior(2) 24-5-11 to 28-8-9, Interior(1) 28-8-9 to 30-4-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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 192 lb uplift at joint 19 and 196 lb uplift at joint 10.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

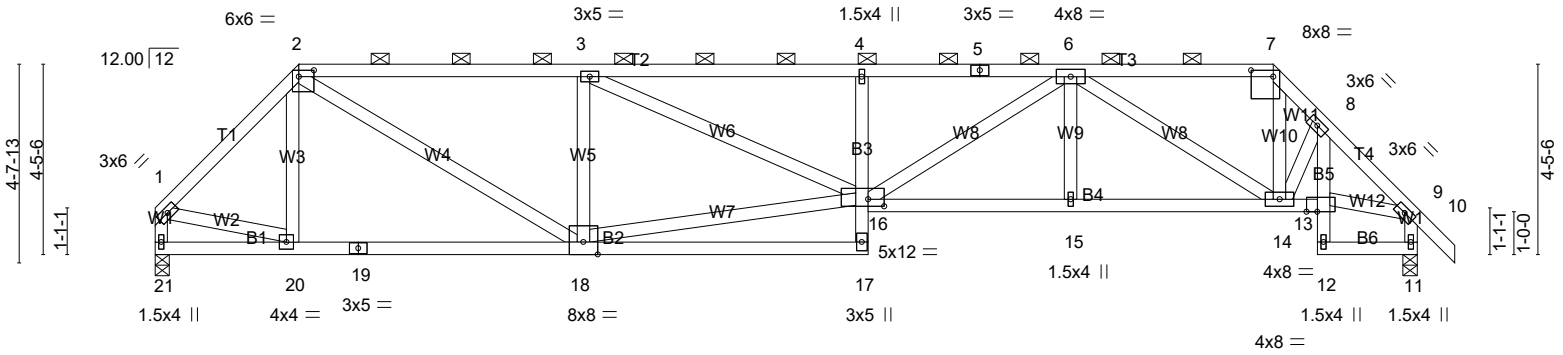
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H17	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:28 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-xVtAtass9f7XJgsOXqWXLfK1nVouOaqQj6hb0FzjTrf

3-4-5	10-0-3	16-8-0	21-4-13	26-1-11	27-2-0	29-6-0	30-4-8
3-4-5	6-7-13	6-7-13	4-8-13	4-8-13	1-0-5	2-4-0	0-10-8

Scale = 1:53.9



3-4-5	10-0-3	16-8-0	21-4-13	26-1-11	27-2-0	29-6-0
3-4-5	6-7-13	6-7-13	4-8-13	4-8-13	1-0-5	2-4-0

Plate Offsets (X,Y)-- [2:0-4-4,0-1-12], [7:0-6-4,0-1-12], [13:0-3-0,0-0-0], [16:0-4-8,0-2-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.58	Vert(LL)	-0.15	15-16	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.62	Vert(CT)	-0.31	15-16	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.12	11	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 140 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2 *Except*
B3,B5: 2x4 SPF Stud
WEBS 2x4 SPF Stud *Except*
W4: 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-7 oc purlins, except end verticals, and 2-0-0 oc purlins (3-2-3 max.): 2-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
8-8-0 oc bracing: 15-16
8-8-2 oc bracing: 14-15.

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

REACTIONS. (lb/size) 21=1167/0-4-0 (min. 0-1-13), 11=1231/0-4-0 (min. 0-1-15)
Max Horz 21=-101(LC 10)
Max Uplift21=-223(LC 9), 11=-228(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1240/261, 2-22=-1892/459, 3-22=-1892/459, 3-4=-2661/633, 4-5=-2691/634, 5-6=-2691/634, 6-23=-1047/251, 7-23=-1047/251, 7-8=-1529/331, 8-9=-1689/325, 1-21=-1150/246, 9-11=-1200/281
BOT CHORD 19-20=-198/835, 18-19=-198/835, 4-16=-330/169, 15-16=-465/2179, 14-15=-465/2179, 13-14=-193/1136
WEBS 2-18=-315/1255, 3-18=-800/307, 16-18=-422/1753, 3-16=-185/824, 6-16=-169/609, 6-14=-1349/336, 7-14=-148/872, 1-20=-153/824, 9-13=-186/1094

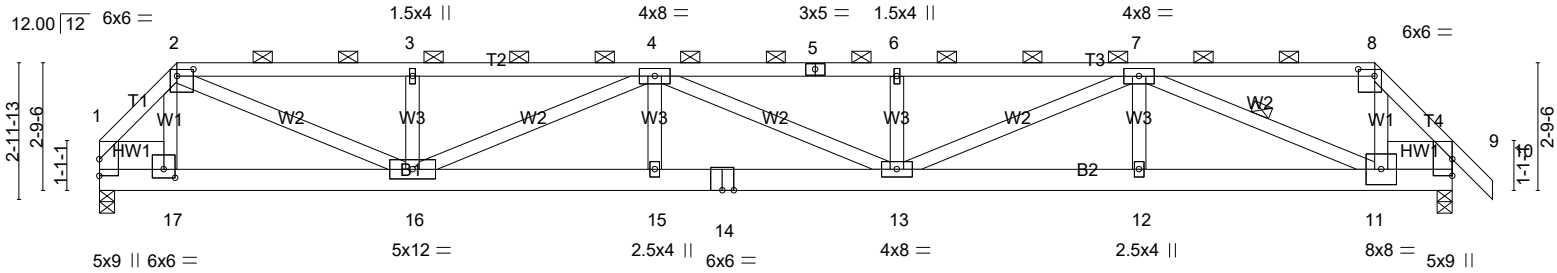
NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 7-7-4, Interior(1) 7-7-4 to 26-1-11, Exterior(2) 26-1-11 to 30-4-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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 223 lb uplift at joint 21 and 228 lb uplift at joint 11.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H18	Hip Girder	1	1	Job Reference (optional)

1-8-5	6-9-15	12-1-5	17-4-11	22-8-1	27-9-11	29-6-0	30-4-8
1-8-5	5-1-10	5-3-6	5-3-6	5-3-6	5-1-10	1-8-5	0-10-8

Scale = 1:50.2



1-8-5	6-9-15	12-1-5	17-4-11	22-8-1	27-9-11	29-6-0
1-8-5	5-1-10	5-3-6	5-3-6	5-3-6	5-1-10	1-8-5

Plate Offsets (X,Y)-- [2:0-4-4,0-1-12], [8:0-4-4,0-1-12], [17:0-3-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.59	Vert(LL)	0.35	13-15	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.46	Vert(CT)	-0.45	13-15	>781	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.83	Horz(CT)	0.04	9	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 143 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x6 SPF 1650F 1.5E
WEBS 2x4 SPF Stud
SLIDER Left 2x8 SP No.1 -4 1-4-13, Right 2x8 SP No.1 -4 1-4-13

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-9 oc purlins, except 2-0-0 oc purlins (2-9-10 max.): 2-8.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-11

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

REACTIONS. (lb/size) 1=1185/0-4-0 (min. 0-2-0), 9=1239/0-4-0 (min. 0-2-1)
Max Horz 1=-46(LC 17)
Max Uplift 1=-581(LC 9), 9=-584(LC 8)
Max Grav 1=1293(LC 41), 9=1329(LC 40)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1342/624, 2-26=-2870/1370, 26-27=-2870/1370, 3-27=-2870/1370, 3-28=-2870/1370, 28-29=-2870/1370, 29-30=-2870/1370, 4-30=-2870/1370, 4-31=-3879/1842, 5-31=-3879/1842, 5-6=-3879/1842, 6-32=-3879/1842, 32-33=-3879/1842, 33-34=-3879/1842, 7-34=-3879/1842, 7-35=-942/468, 35-36=-942/468, 8-36=-942/468, 8-9=-1330/623
BOT CHORD 17-37=-448/979, 37-38=-448/979, 16-38=-448/979, 16-39=-1849/3962, 39-40=-1849/3962, 40-41=-1849/3962, 15-41=-1849/3962, 14-15=-1849/3962, 14-42=-1849/3962, 13-42=-1849/3962, 13-43=-1356/2927, 43-44=-1356/2927, 44-45=-1356/2927, 12-45=-1356/2927, 12-46=-1356/2927, 46-47=-1356/2927, 11-47=-1356/2927
WEBS 2-16=-1008/2130, 3-16=-332/210, 4-16=-1170/558, 6-13=-313/197, 7-13=-509/1082, 7-11=-2171/1030, 8-11=-319/734

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 5-11-4, Interior(1) 5-11-4 to 27-9-11, Exterior(2) 27-9-11 to 30-4-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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 581 lb uplift at joint 1 and 584 lb uplift at joint 9.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 76 lb down and 80 lb up at 1-8-5, 77 lb down and 73 lb up at 3-9-1, 76 lb down and 73 lb up at 5-9-1, 76 lb down and 73 lb up at 7-9-1, 76 lb down and 73 lb up at 9-9-1, 76 lb down and 73 lb up at 11-9-1, 76 lb down and 73 lb up at 13-9-1, 76 lb down and 73 lb up at 15-9-1, 76 lb down and 73 lb up at 17-9-1, 76 lb down and 73 lb up at 19-9-1, 76 lb down and 73 lb up at 21-9-1, 76 lb down and 73 lb up at 23-9-1, and 77 lb down and 73 lb up at 25-9-1, and 76 lb down and 80 lb up at 27-9-11 on top chord, and 26 lb down and 31 lb up at 1-9-1, 26 lb down and 31 lb up at 3-9-1, 26 lb down and 31 lb up at 5-9-1, 26 lb down and 31 lb up at 7-9-1, 26 lb down and 31 lb up at 9-9-1, 26 lb down and 31 lb up at 11-9-1, 26 lb down and 31 lb up at 13-9-1, 26 lb down and 31 lb up at 15-9-1, 26 lb down and 31 lb up at 17-9-1, 26 lb down and 31 lb up at 19-9-1, 26 lb down and 31 lb up at 21-9-1, 26 lb down and 31 lb up at 23-9-1, and 26 lb down and 31 lb up at 25-9-1, and 26 lb down and 31 lb up at 27-9-1 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

11) 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 + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-2=-60, 2-8=-60, 8-10=-60, 18-22=-20
   Concentrated Loads (lb)
      Vert: 14=-1(B) 17=-1(B) 11=-1(B) 37=-1(B) 38=-1(B) 39=-1(B) 40=-1(B) 41=-1(B) 42=-1(B) 43=-1(B) 44=-1(B) 45=-1(B) 46=-1(B) 47=-1(B)

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H19	Hip Girder	1	1	Job Reference (optional)

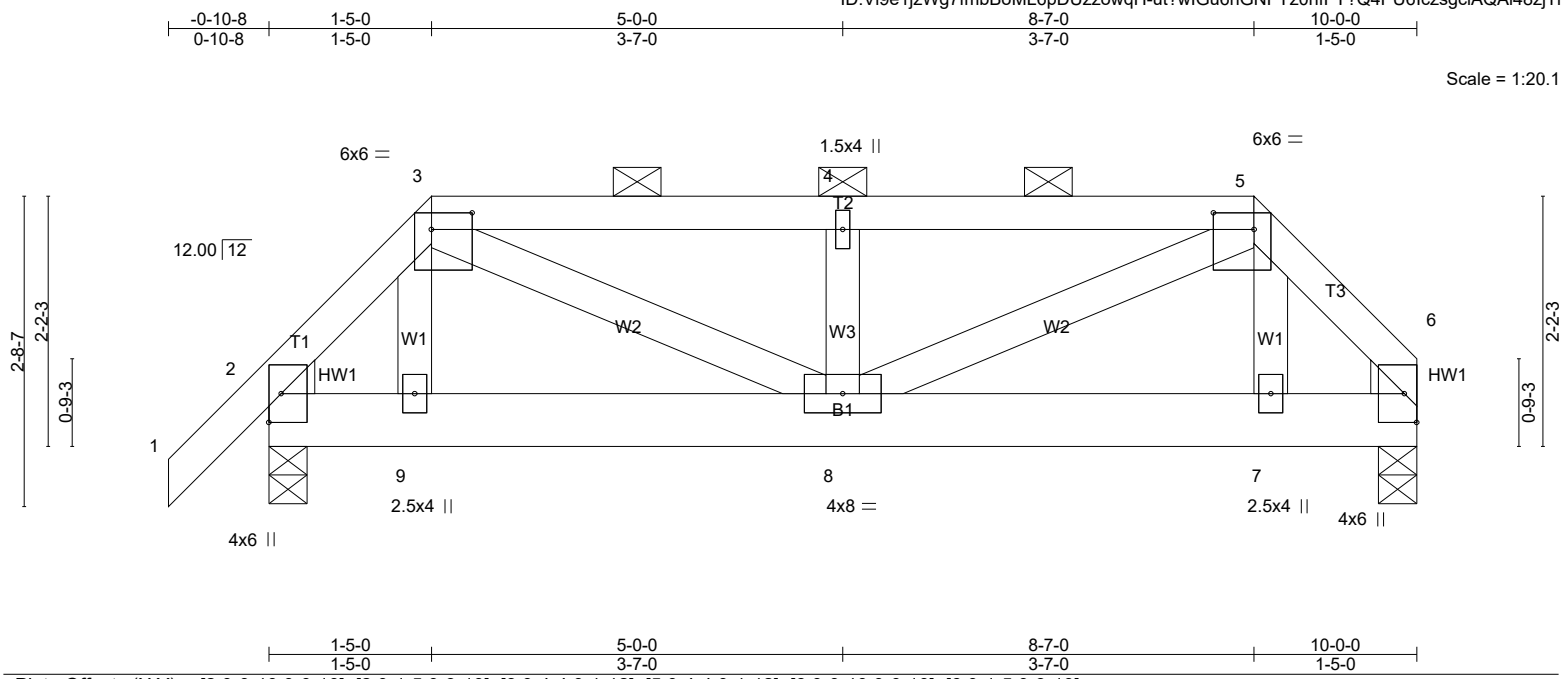


Plate Offsets (X,Y)-- [2:0-0-10,0-0-10], [2:0-1-5,0-3-10], [3:0-4-4,0-1-12], [5:0-4-4,0-1-12], [6:0-0-10,0-0-10], [6:0-1-5,0-3-10]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.15	Vert(LL) -0.01 8 >999 240	MT20	197/144
(Roof Snow=20.0)	Plate Grip DOL 1.15	BC 0.07	Vert(CT) -0.02 8 >999 180		
TCDL 10.0	Lumber DOL 1.15	WB 0.14	Horz(CT) 0.00 6 n/a n/a		
BCLL 0.0 *	Rep Stress Incr NO	Matrix-MS		Weight: 47 lb	FT = 20%
BCDL 10.0	Code IBC2015/TPI2014				

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x6 SPF 1650F 1.5E
WEBS 2x4 SPF Stud
WEDGE
Left: 2x4 SPF Stud , Right: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-5.
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=463/0-4-0 (min. 0-1-8), 6=407/0-4-0 (min. 0-1-8)
Max Horz 2=42(LC 16)
Max Uplift2=-146(LC 12), 6=-146(LC 8)
Max Grav 2=464(LC 38), 6=425(LC 40)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-448/185, 3-16=-613/283, 16-17=-613/283, 4-17=-613/283, 4-18=-613/283, 18-19=-613/283, 5-19=-613/283, 5-6=-467/205
BOT CHORD 2-9=-121/318, 9-20=-123/316, 8-20=-123/316, 8-21=-116/322, 21-22=-116/322, 7-22=-116/322, 6-7=-113/324
WEBS 3-8=-146/354, 5-8=-131/340

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 5-7-15, Interior(1) 5-7-15 to 8-7-0, Exterior(2) 8-7-0 to 10-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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 146 lb uplift at joint 2 and 146 lb uplift at joint 6.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 77 lb down and 76 lb up at 1-5-0, 81 lb down and 69 lb up at 3-5-12, 81 lb down and 69 lb up at 5-5-12, and 81 lb down and 69 lb up at 7-5-12, and 77 lb down and 76 lb up at 8-7-0 on top chord, and 16 lb down and 15 lb up at 1-5-12, 16 lb down and 15 lb up at 3-5-12, 16 lb down and 15 lb up at 5-5-12, and 16 lb down and 15 lb up at 7-5-12, and 16 lb down and 15 lb up at 8-6-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

Continued on page 2

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-60, 3-5=-60, 5-6=-60, 10-13=-20
Concentrated Loads (lb)
Vert: 9=-4(F) 7=-4(F) 20=-4(F) 21=-4(F) 22=-4(F)

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H20	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:30 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-ut?wIGu6hGNFYz0nfFY?Q4PRrIaVseDiAQAi48zjTrd

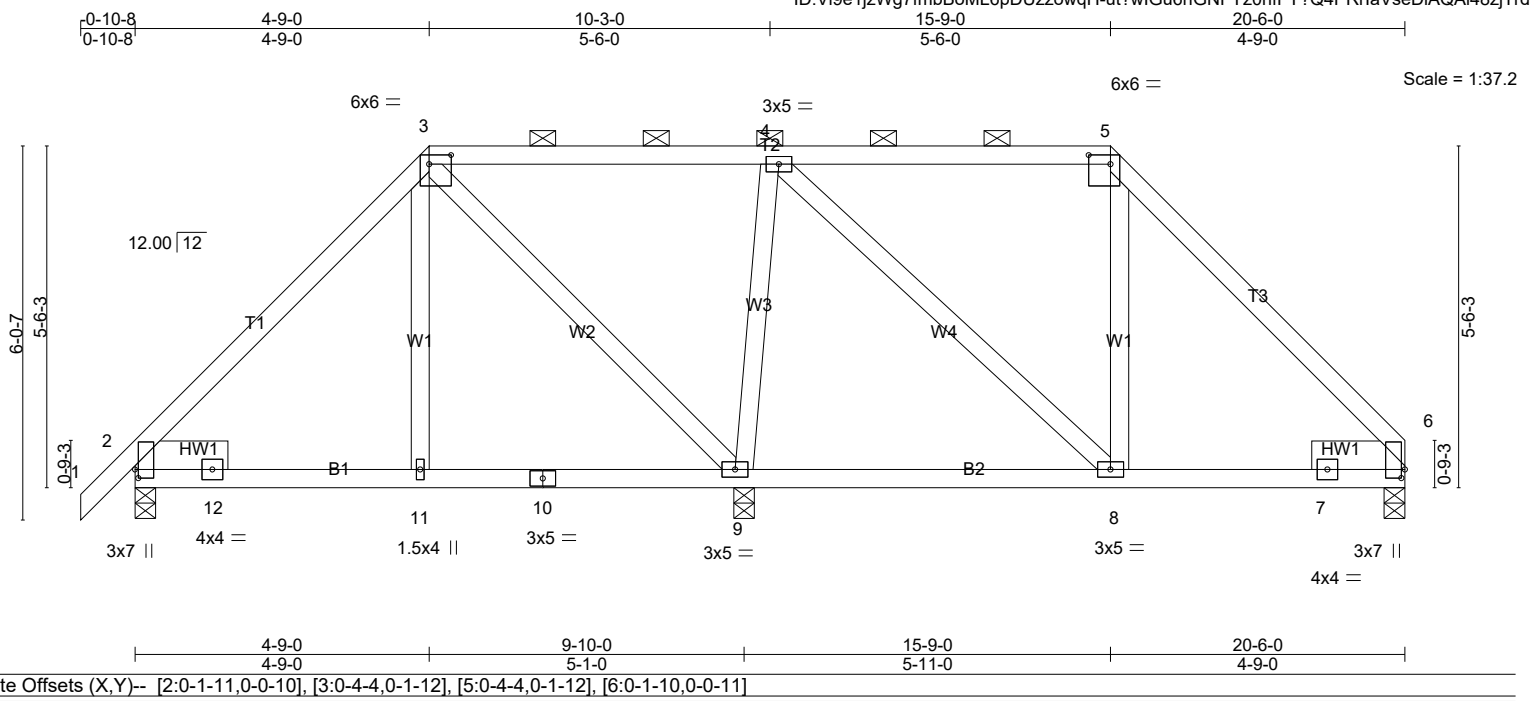


Plate Offsets (X,Y)-- [2:0-1-11,0-0-10], [3:0-4-4,0-1-12], [5:0-4-4,0-1-12], [6:0-1-10,0-0-11]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.36	Vert(LL)	0.03	8-15	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.23	Vert(CT)	-0.05	8-9	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.30	Horz(CT)	-0.01	2	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 92 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud *Except*
W4: 2x4 SPF No.2
SLIDER Left 2x6 SPF 1650F 1.5E -4 1-6-0, Right 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-5.
BOT CHORD Rigid ceiling directly applied or 9-3-4 oc bracing.

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

REACTIONS. (lb/size) 6=453/0-4-0 (min. 0-1-8), 2=476/0-4-0 (min. 0-1-8), 9=763/0-4-0 (min. 0-1-8)
Max Horz 2=104(LC 9)
Max Uplift6=-131(LC 13), 2=-137(LC 12), 9=-121(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-424/175, 3-21=-379/191, 3-22=-251/217, 4-22=-251/217, 4-23=-354/202, 5-23=-354/202, 5-24=-403/196, 6-24=-473/184
BOT CHORD 2-12=-371/436, 11-12=-70/254, 10-11=-71/250, 9-10=-71/250, 7-8=-30/266, 6-7=-325/443
WEBS 4-9=-505/200

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 4-9-0, Exterior(2) 4-9-0 to 8-11-15, Interior(1) 8-11-15 to 15-9-0, Exterior(2) 15-9-0 to 20-1-3, Interior(1) 20-1-3 to 20-6-0 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) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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 131 lb uplift at joint 6, 137 lb uplift at joint 2 and 121 lb uplift at joint 9.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H21	Half Hip	1	1	Job Reference (optional)

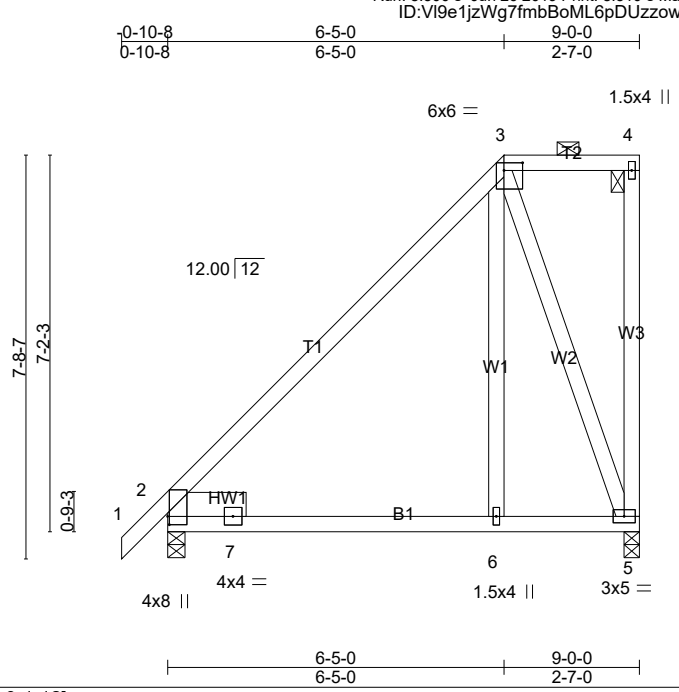


Plate Offsets (X,Y)-- [2:0-1-15,0-0-6], [3:0-4-4,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.77	Vert(LL)	0.13	6-10	>846	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.14	6-10	>741	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.04	2	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 51 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud
SLIDER Left 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-4.
BOT CHORD Rigid ceiling directly applied or 5-2-14 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=409/0-4-0 (min. 0-1-8), 5=352/0-3-8 (min. 0-1-8)
Max Horz 2=215(LC 11)
Max Uplift2=-54(LC 12), 5=-131(LC 9)
Max Grav 2=443(LC 21), 5=405(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-369/88
BOT CHORD 2-7=-923/1085
WEBS 3-6=-50/311, 3-5=-445/247

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 6-5-0, Exterior(2) 6-5-0 to 8-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 54 lb uplift at joint 2 and 131 lb uplift at joint 5.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H22	Hip Girder	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.310 s May 22 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:32 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-qG6hixvNDtdznHA9mgaUWVUpy6ITKaO?ekfp90zjTrb

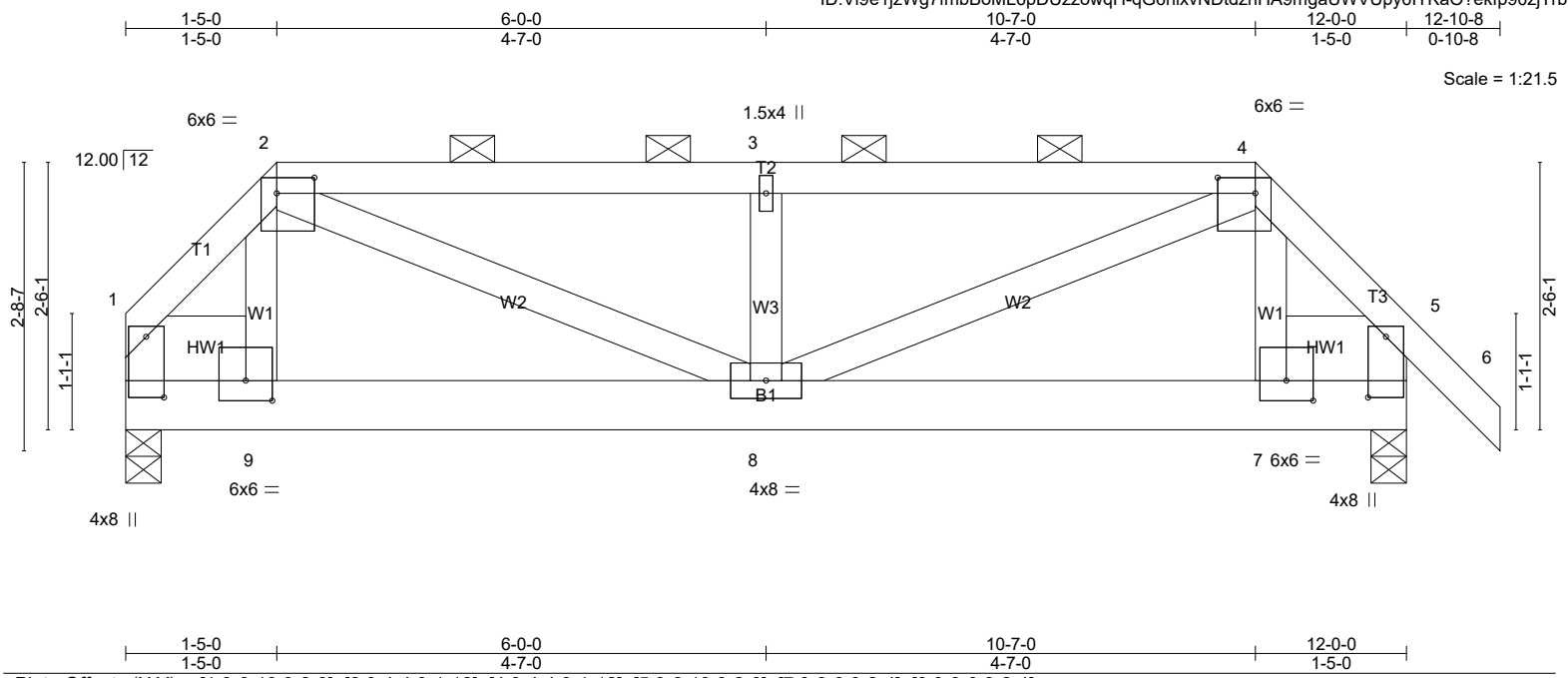


Plate Offsets (X,Y)-- [1:0-6-13,0-2-0], [2:0-4-4,0-1-12], [4:0-4-4,0-1-12], [5:0-6-13,0-2-0], [7:0-3-0,0-2-4], [9:0-3-0,0-2-4]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.25	Vert(LL)	0.02	8	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.07	Vert(CT)	-0.03	8	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.19	Horz(CT)	0.00	1	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 62 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x6 SPF 1650F 1.5E
WEBS 2x4 SPF Stud
SLIDER Left 2x8 SP No.1 -4 1-1-8, Right 2x8 SP No.1 -4 1-1-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 2-4.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 5-7.

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

REACTIONS. (lb/size) 1=478/0-4-0 (min. 0-1-8), 5=534/0-4-0 (min. 0-1-8)
Max Horz 1=-42(LC 13)
Max Uplift 1=-205(LC 9), 5=-221(LC 8)
Max Grav 1=512(LC 41), 5=568(LC 39)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-499/245, 2-18=-779/395, 18-19=-779/395, 3-19=-779/395, 3-20=-779/395, 20-21=-779/395, 21-22=-779/395, 4-22=-779/395, 4-5=-498/260
BOT CHORD 9-23=-158/384, 23-24=-158/384, 8-24=-158/384, 8-25=-152/379, 25-26=-152/379, 7-26=-152/379
WEBS 2-8=-225/478, 3-8=-309/180, 4-8=-213/475

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 5-7-15, Interior(1) 5-7-15 to 10-7-0, Exterior(2) 10-7-0 to 12-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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 205 lb uplift at joint 1 and 221 lb uplift at joint 5.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 71 lb down and 69 lb up at 1-5-0, 74 lb down and 63 lb up at 3-5-12, 70 lb down and 63 lb up at 5-5-12, 74 lb down and 63 lb up at 7-5-12, and 74 lb down and 63 lb up at 9-5-12, and 71 lb down and 69 lb up at 10-7-0 on top chord, and 24 lb down and 33 lb up at 1-5-12, 24 lb down and 33 lb up at 3-5-12, 24 lb down and 33 lb up at 5-5-12, 24 lb down and 33 lb up at 7-5-12, and 24 lb down and 33 lb up at 9-5-12, and 24 lb down and 33 lb up at 10-6-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2

LOAD CASE(S) Standard

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-2=-60, 2-4=-60, 4-6=-60, 10-14=-20

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H23	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:32 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-qG6hixvNDtdznHA9mgaUWVUhj69eKak?ekfp90zjTrb

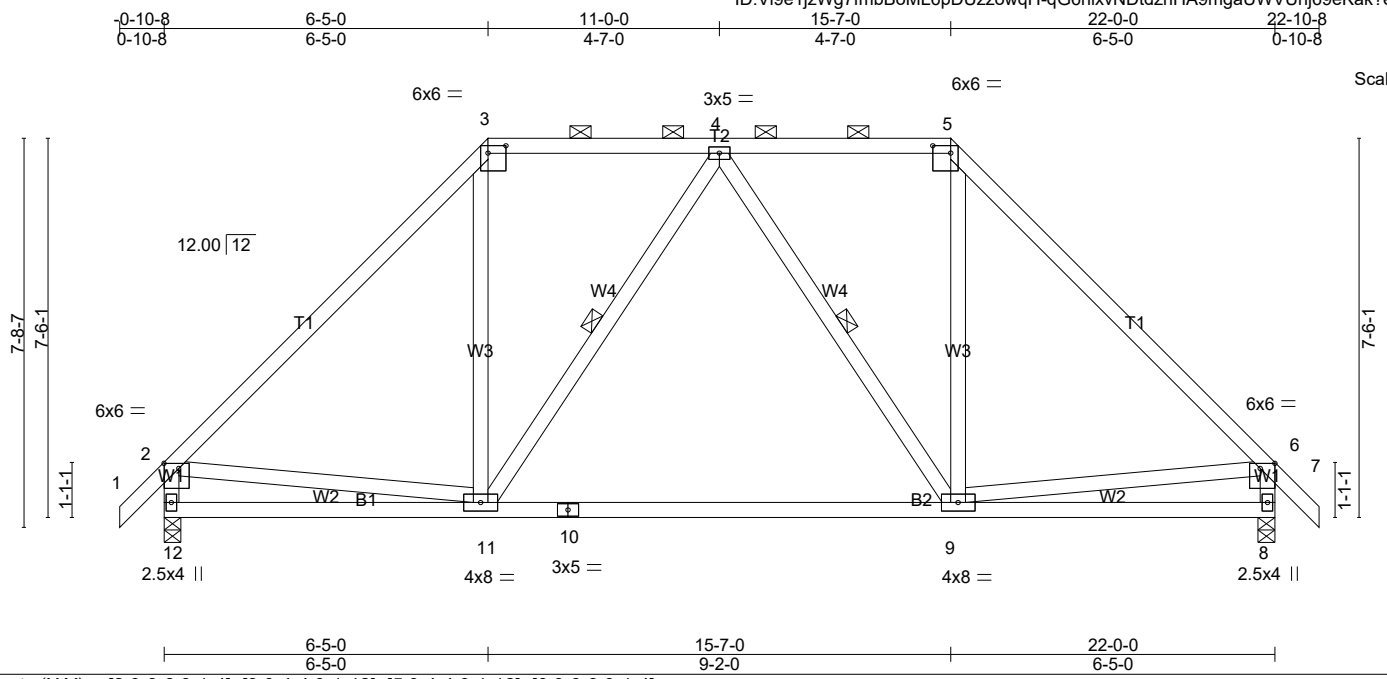


Plate Offsets (X,Y)-- [2:0-3-8,0-1-4], [3:0-4-4,0-1-12], [5:0-4-4,0-1-12], [6:0-3-8,0-1-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.72	Vert(LL)	-0.27	9-11	>964	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.42	9-11	>614	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.01	8	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 109 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud *Except*
W4: 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-6 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-11, 4-9

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

REACTIONS. (lb/size) 12=930/0-4-0 (min. 0-1-8), 8=930/0-4-0 (min. 0-1-8)
Max Horz 12=-167(LC 10)
Max Uplift12=-135(LC 12), 8=-135(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-947/178, 3-13=-799/211, 3-14=-595/238, 4-14=-595/238, 4-15=-595/238, 5-15=-595/238, 5-16=-799/212, 6-16=-947/186, 2-12=-883/237, 6-8=-883/237
BOT CHORD 11-12=-315/403, 10-11=-119/671, 10-17=-119/671, 17-18=-119/671, 9-18=-119/671, 8-9=-244/378
WEBS 3-11=-12/344, 5-9=-12/344, 2-11=-51/472, 6-9=-56/473

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 6-5-0, Exterior(2) 6-5-0 to 10-7-15, Interior(1) 10-7-15 to 15-7-0, Exterior(2) 15-7-0 to 19-9-15, Interior(1) 19-9-15 to 22-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 135 lb uplift at joint 12 and 135 lb uplift at joint 8.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H24	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:33 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-ISg3wHw?_BlqPRkMKN5j2i1x2WYE31j9sOPMhTzjTra

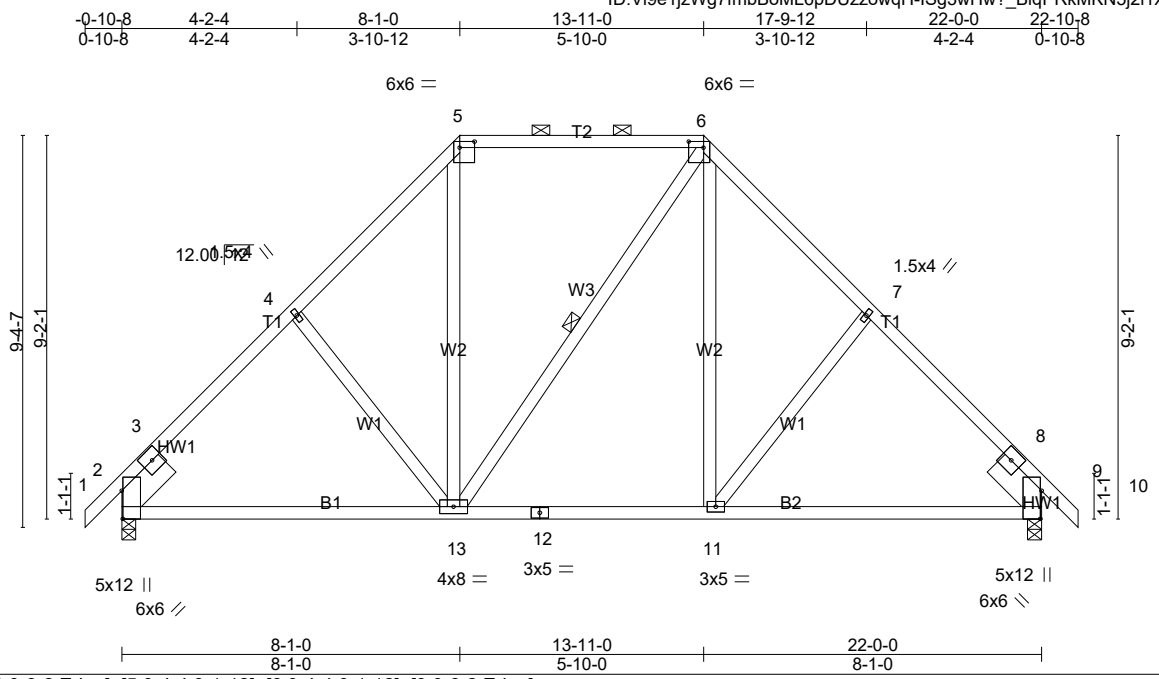


Plate Offsets (X,Y)-- [2:0-8-2,Edge], [5:0-4-4,0-1-12], [6:0-4-4,0-1-12], [9:0-8-2,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.42	Vert(LL)	-0.09	11-13	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.42	Vert(CT)	-0.12	11-13	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.04	9	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 115 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W1: 2x4 SPF Stud
SLIDER Left 2x8 SP No.1 -4 1-6-0, Right 2x8 SP No.1 -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-5 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-13

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

REACTIONS. (lb/size) 2=932/0-4-0 (min. 0-1-8), 9=932/0-4-0 (min. 0-1-8)
Max Horz 2=175(LC 11)
Max Uplift2=-141(LC 12), 9=-141(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-434/0, 3-22=-950/219, 4-22=-888/238, 4-5=-821/281, 5-23=-580/257, 23-24=-580/257, 6-24=-580/257, 6-7=-838/281, 7-25=-888/238, 8-25=-950/219, 8-9=-436/0
BOT CHORD 2-13=-146/687, 12-13=-24/557, 12-26=-24/557, 11-26=-24/557, 9-11=-65/601
WEBS 5-13=-58/318, 6-11=-89/364

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 8-1-0, Exterior(2) 8-1-0 to 12-3-15, Interior(1) 12-3-15 to 13-11-0, Exterior(2) 13-11-0 to 17-10-13, Interior(1) 17-10-13 to 22-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 141 lb uplift at joint 2 and 141 lb uplift at joint 9.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H25	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:33 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-lSg3wHw?_BlqPRkMKN5j2i1_lWUd3?w9sOPMhTzjTra

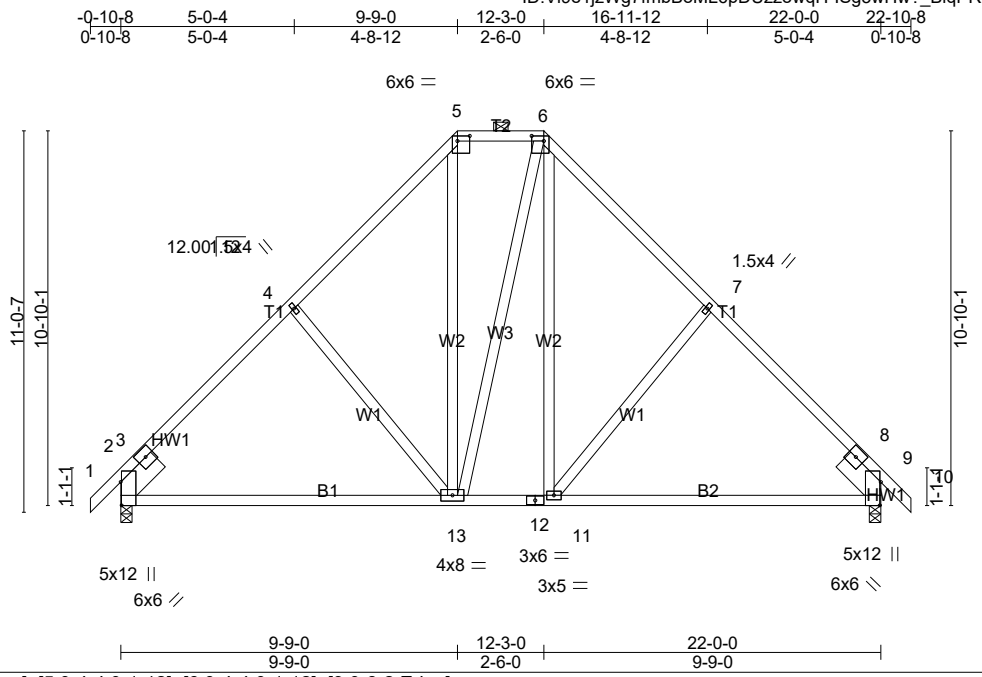


Plate Offsets (X,Y)-- [2:0-8-2,Edge], [5:0-4-4,0-1-12], [6:0-4-4,0-1-12], [9:0-8-2,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.25	Vert(LL)	-0.18	11-20	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.65	Vert(CT)	-0.32	11-20	>823	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.03	9	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 123 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2
SLIDER Left 2x8 SP No.1 -4 1-6-0, Right 2x8 SP No.1 -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-13 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-6.
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=932/0-4-0 (min. 0-1-9), 9=932/0-4-0 (min. 0-1-9)
Max Horz 2=207(LC 11)
Max Uplift2=-145(LC 12), 9=-145(LC 13)
Max Grav 2=982(LC 20), 9=982(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-673/0, 3-22=-962/216, 4-22=-827/240, 4-23=-829/263, 5-23=-735/289, 5-6=-581/268, 6-24=-734/289, 7-24=-829/263, 7-25=-826/240, 8-25=-961/216, 8-9=-677/0
BOT CHORD 2-26=-141/738, 26-27=-141/738, 13-27=-141/738, 12-13=-1/517, 11-12=-1/517, 11-28=-53/640, 28-29=-53/640, 9-29=-53/640
WEBS 4-13=-321/260, 5-13=-114/369, 6-11=-140/398, 7-11=-323/261

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 9-9-0, Exterior(2) 9-9-0 to 16-5-15, Interior(1) 16-5-15 to 22-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 145 lb uplift at joint 2 and 145 lb uplift at joint 9.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	H26	Hip	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:34 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-mfER7dxdlVuh1bJYu5dybwa?avs8oL1l528wDvzjTrZ

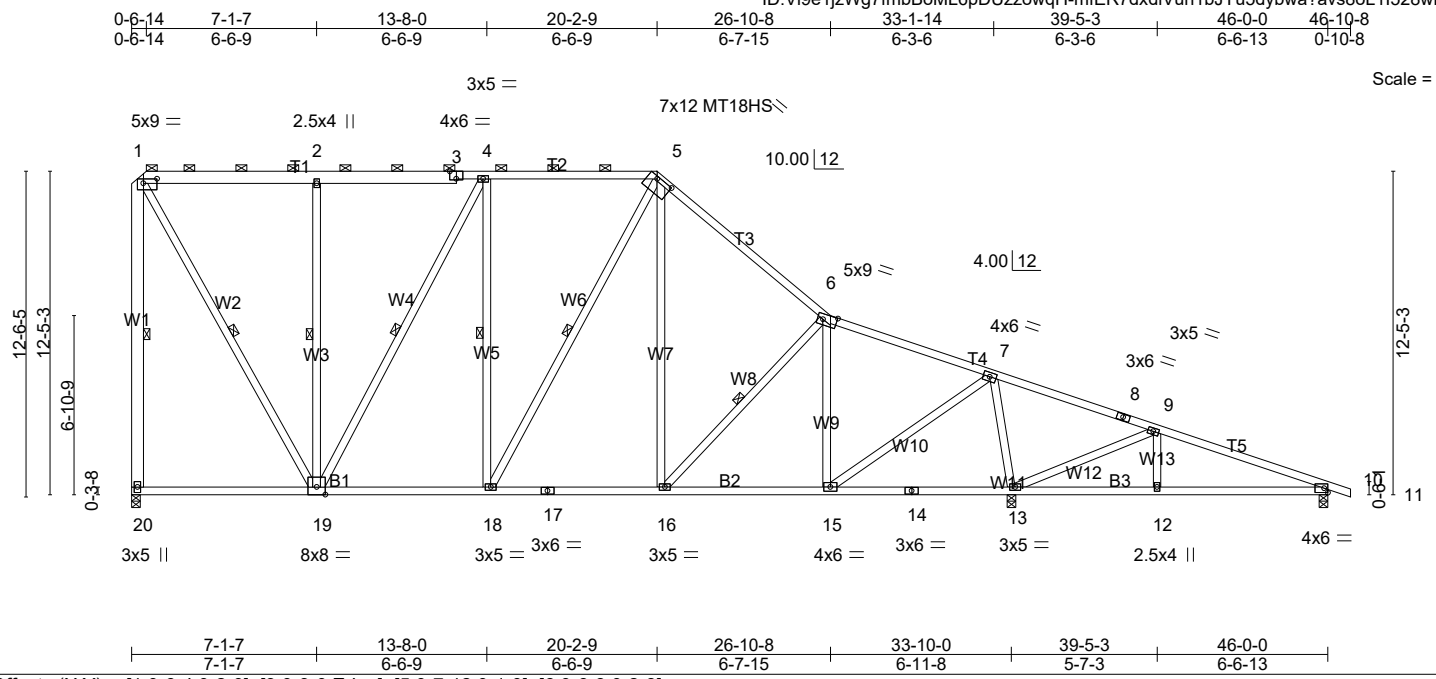


Plate Offsets (X,Y)-- [1:0-6-4,0-2-0], [3:0-3-0,Edge], [5:0-7-12,0-1-0], [6:0-6-8,0-2-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.88	Vert(LL)	-0.11	16-18	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.57	Vert(CT)	-0.18	16-18	>999	180	MT18HS	197/144
TCDL	10.0	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.03	13	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 265 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2 *Except*
T1: 2x6 SPF 1650F 1.5E, T3: 2x4 SPF 2100F 1.8E
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W9,W11,W12,W13: 2x4 SPF Stud, W1: 2x6 SPF 1650F 1.5E

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (2-4-4 max.): 1-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 13-15.
WEBS 1 Row at midpt 1-19, 2-19, 4-19, 4-18, 5-18, 6-16, 1-20

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

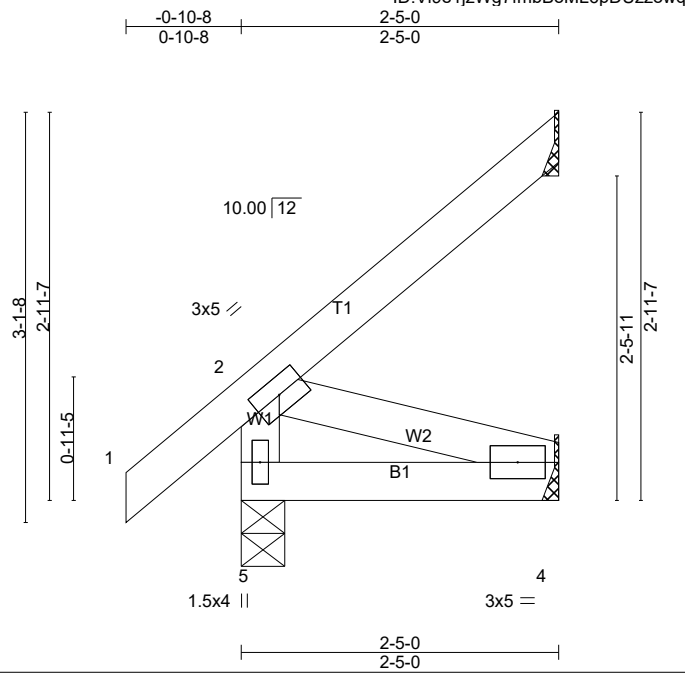
REACTIONS. (lb/size) 20=1283/0-4-0 (min. 0-3-2), 13=2064/0-4-0 (min. 0-3-4), 10=367/0-4-0 (min. 0-1-8)
Max Horz 20=-473(LC 15)
Max Uplift 20=-333(LC 10), 13=-309(LC 15), 10=-123(LC 11)
Max Grav 20=1999(LC 33), 13=2064(LC 1), 10=389(LC 38)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-24=-919/162, 2-24=-919/162, 2-3=-925/163, 3-25=-919/165, 4-25=-919/165, 4-5=-1241/251, 5-26=-1398/268, 6-26=-1452/236, 6-7=-1178/200, 7-27=-41/536, 8-27=-42/487, 8-9=-50/446, 9-28=-325/146, 10-28=-391/138, 1-20=-1934/374
BOT CHORD 20-29=-306/473, 19-29=-306/473, 19-30=0/1290, 18-30=0/1290, 17-18=0/1117, 16-17=0/1117, 16-31=0/1084, 15-31=0/1084, 12-13=-76/321, 10-12=-76/321
WEBS 1-19=-324/1823, 2-19=-848/228, 4-19=-698/191, 4-18=-189/416, 5-18=-175/364, 5-16=-74/405, 6-15=-737/152, 7-15=-120/1556, 7-13=-1656/295, 9-13=-783/244, 9-12=0/250

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-2-12 to 4-9-15, Interior(1) 4-9-15 to 20-2-9, Exterior(2) 20-2-9 to 26-10-8, Interior(1) 26-10-8 to 46-10-8 zone; cantilever left and right exposed ; end vertical 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 333 lb uplift at joint 20, 309 lb uplift at joint 13 and 123 lb uplift at joint 10.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	J01	Jack-Open	6	1	Job Reference (optional)



LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	-0.00	4-5	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.05	Vert(CT)	-0.00	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	-0.00	3	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MP							Weight: 11 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-5-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 5=164/0-4-0 (min. 0-1-8), 3=52/Mechanical, 4=23/Mechanical
Max Horz 5=93(LC 12)
Max Uplift3=-56(LC 12), 4=-16(LC 12)
Max Grav 5=170(LC 18), 3=69(LC 20), 4=45(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint 3 and 16 lb uplift at joint 4.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	J02	Jack-Open	3	1	Job Reference (optional)

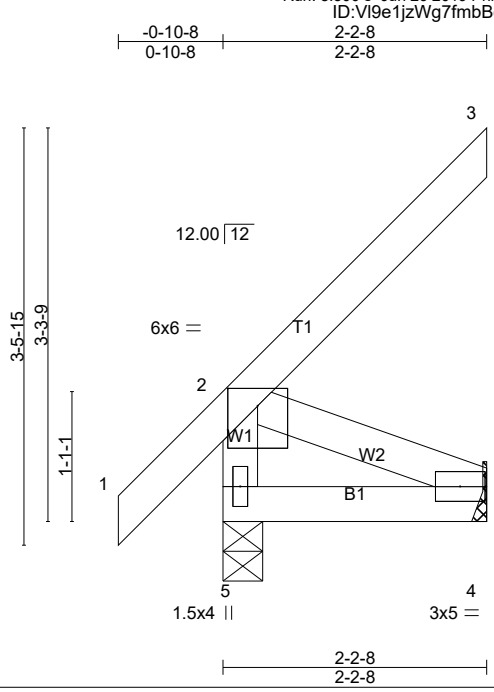


Plate Offsets (X,Y)-- [2:0-3-0,0-1-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.52	Vert(LL)	0.00	5	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.09	Vert(CT)	-0.00	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.11	Horz(CT)	-0.00	4	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MP							Weight: 11 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

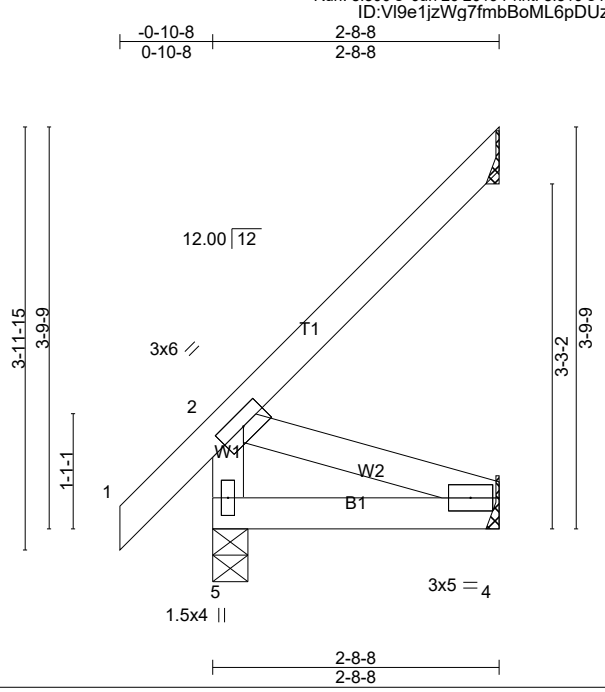
REACTIONS. (lb/size) 5=159/0-4-0 (min. 0-1-8), 4=67/Mechanical
Max Horz 5=106(LC 9)
Max Uplift4=-64(LC 9)
Max Grav 5=251(LC 18), 4=98(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 4-5=-313/216
WEBS 2-4=-235/341

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 4.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	J03	Jack-Open	12	1	Job Reference (optional)



LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	-0.00	4-5	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.06	Vert(CT)	-0.01	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(CT)	-0.00	3	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MP							Weight: 13 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-8-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

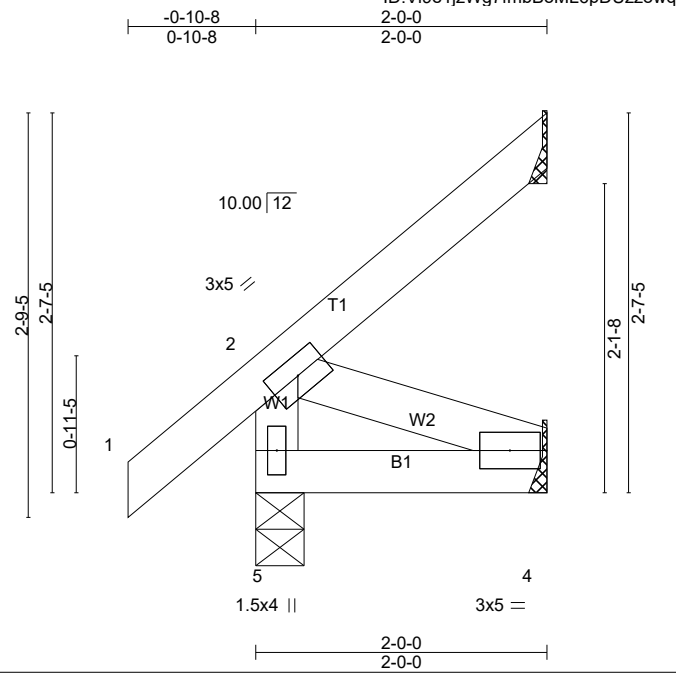
REACTIONS. (lb/size) 5=174/0-4-0 (min. 0-1-8), 3=62/Mechanical, 4=26/Mechanical
Max Horz 5=123(LC 12)
Max Uplift3=-78(LC 12), 4=-27(LC 12)
Max Grav 5=174(LC 1), 3=87(LC 20), 4=51(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 2-7-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 78 lb uplift at joint 3 and 27 lb uplift at joint 4.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	J04	Jack-Open	2	1	Job Reference (optional)



LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	-0.00	5	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.03	Vert(CT)	-0.00	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	-0.00	3	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MP							Weight: 9 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 5=152/0-4-0 (min. 0-1-8), 4=19/Mechanical, 3=38/Mechanical
Max Horz 5=81(LC 12)
Max Uplift4=-21(LC 12), 3=-43(LC 12)
Max Grav 5=167(LC 18), 4=37(LC 3), 3=53(LC 20)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 4 and 43 lb uplift at joint 3.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	J05	Jack-Open Supported Gable	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:36 2020 Page 1
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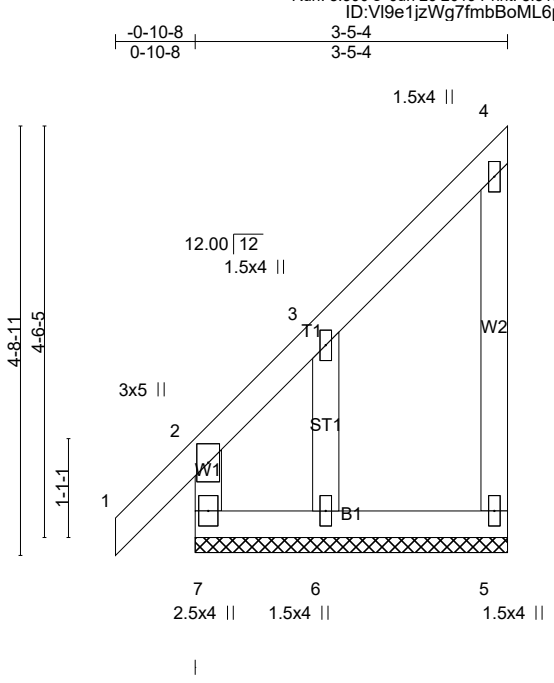


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	-0.00	2	n/r	120	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.11	Vert(CT)	-0.00	2	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-R								
BCDL	10.0										Weight: 19 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
OTHERS	2x4 SPF Stud

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-5-4 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 7=125/3-5-4 (min. 0-1-8), 5=66/3-5-4 (min. 0-1-8), 6=122/3-5-4 (min. 0-1-8)
Max Horz 7=131(LC 11)
Max Uplift 7=-45(LC 8), 5=-26(LC 9), 6=-174(LC 12)
Max Grav 7=171(LC 21), 5=75(LC 20), 6=210(LC 20)

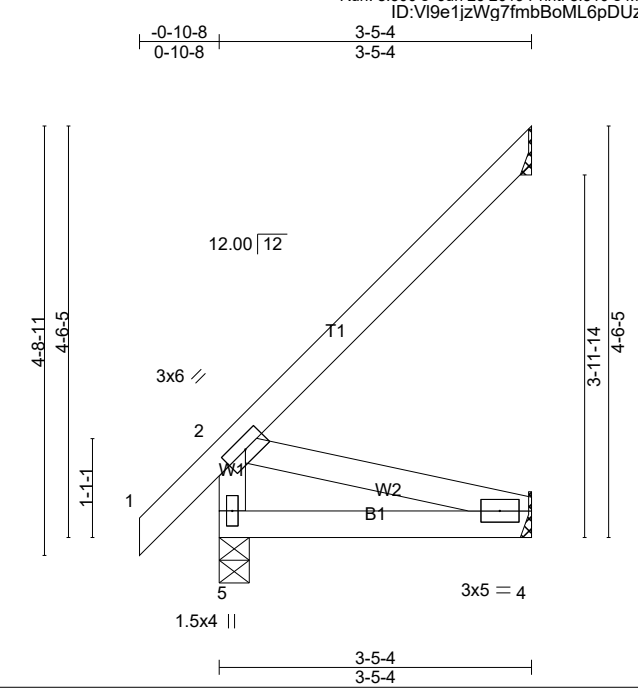
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-10-8 to 2-1-8, Exterior(2) 2-1-8 to 3-3-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
4) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
5) Gable requires continuous bottom chord bearing.
6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 45 lb uplift at joint 7, 26 lb uplift at joint 5 and 174 lb uplift at joint 6.
11) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	J06	Jack-Open	18	1	Job Reference (optional)



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	-0.01	4-5	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.11	Vert(CT)	-0.01	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.06	Horz(CT)	-0.00	3	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MP							Weight: 16 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

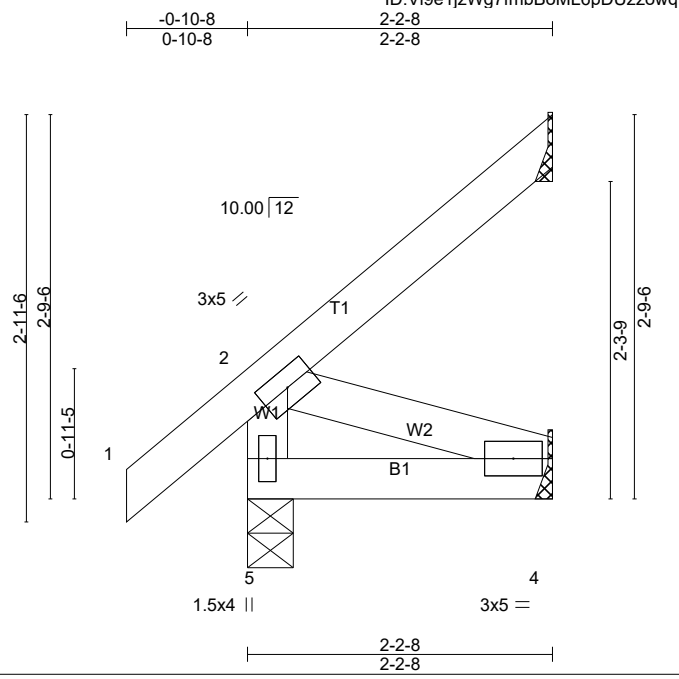
REACTIONS. (lb/size) 5=201/0-4-0 (min. 0-1-8), 3=87/Mechanical, 4=33/Mechanical
Max Horz 5=152(LC 12)
Max Uplift3=-106(LC 12), 4=-21(LC 12)
Max Grav 5=201(LC 1), 3=119(LC 20), 4=66(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 3-4-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 106 lb uplift at joint 3 and 21 lb uplift at joint 4.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	J07	Jack-Open	14	1	Job Reference (optional)



LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	-0.00	4-5	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.04	Vert(CT)	-0.00	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	-0.00	3	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MP							Weight: 10 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 5=158/0-4-0 (min. 0-1-8), 3=44/Mechanical, 4=21/Mechanical
Max Horz 5=86(LC 12)
Max Uplift3=-49(LC 12), 4=-18(LC 12)
Max Grav 5=169(LC 18), 3=60(LC 20), 4=41(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 3 and 18 lb uplift at joint 4.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	J08	Jack-Open	10	1	Job Reference (optional)

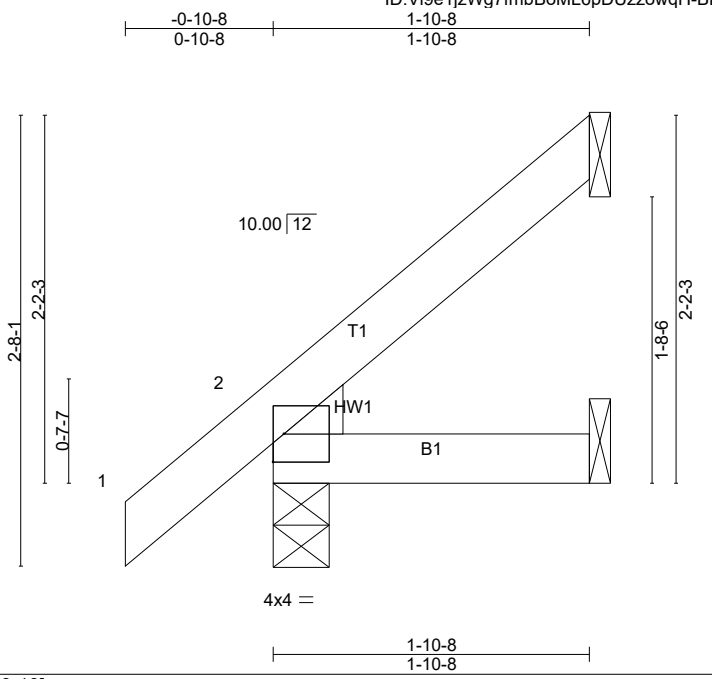


Plate Offsets (X,Y)-- [2:0-0-6,0-0-5], [2:0-3-9,0-0-10]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	0.00	7	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.04	Vert(CT)	-0.00	7	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MP								
BCDL	10.0										Weight: 7 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEDGE
Left: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-10-8 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) 3=41/Mechanical, 2=139/0-4-0 (min. 0-1-8), 4=21/Mechanical
Max Horz 2=80(LC 12)
Max Uplift 3=-42(LC 12), 2=-3(LC 12), 4=-5(LC 12)
Max Grav 3=54(LC 20), 2=145(LC 18), 4=33(LC 3)

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

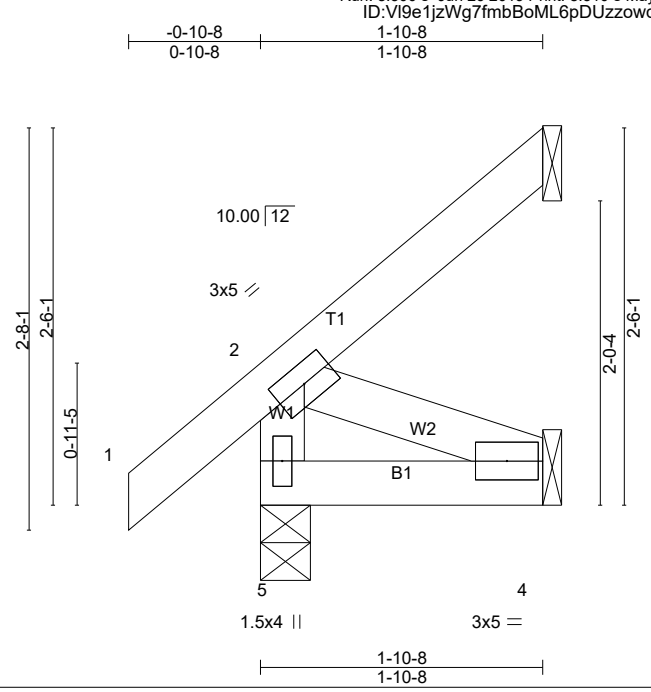
NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 42 lb uplift at joint 3, 3 lb uplift at joint 2 and 5 lb uplift at joint 4.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	J09	Jack-Open	11	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:37 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-BEwamfzV1QGGu227ZDAfDYCi_70K?t4kn0NaqEzjTrW



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	-0.00	5	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.03	Vert(CT)	-0.00	4-5	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	-0.00	3	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MP							Weight: 9 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 1-10-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. (lb/size) 5=148/0-4-0 (min. 0-1-8), 3=33/Mechanical, 4=17/Mechanical
Max Horz 5=77(LC 12)
Max Uplift3=-39(LC 12), 4=-22(LC 12)
Max Grav 5=167(LC 18), 3=47(LC 20), 4=36(LC 10)

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

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 39 lb uplift at joint 3 and 22 lb uplift at joint 4.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	PB01	Piggyback	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:38 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-fQUyz?_7ojO6VCdJ7xhulmkqGXITkKru0g67NgzjTrV

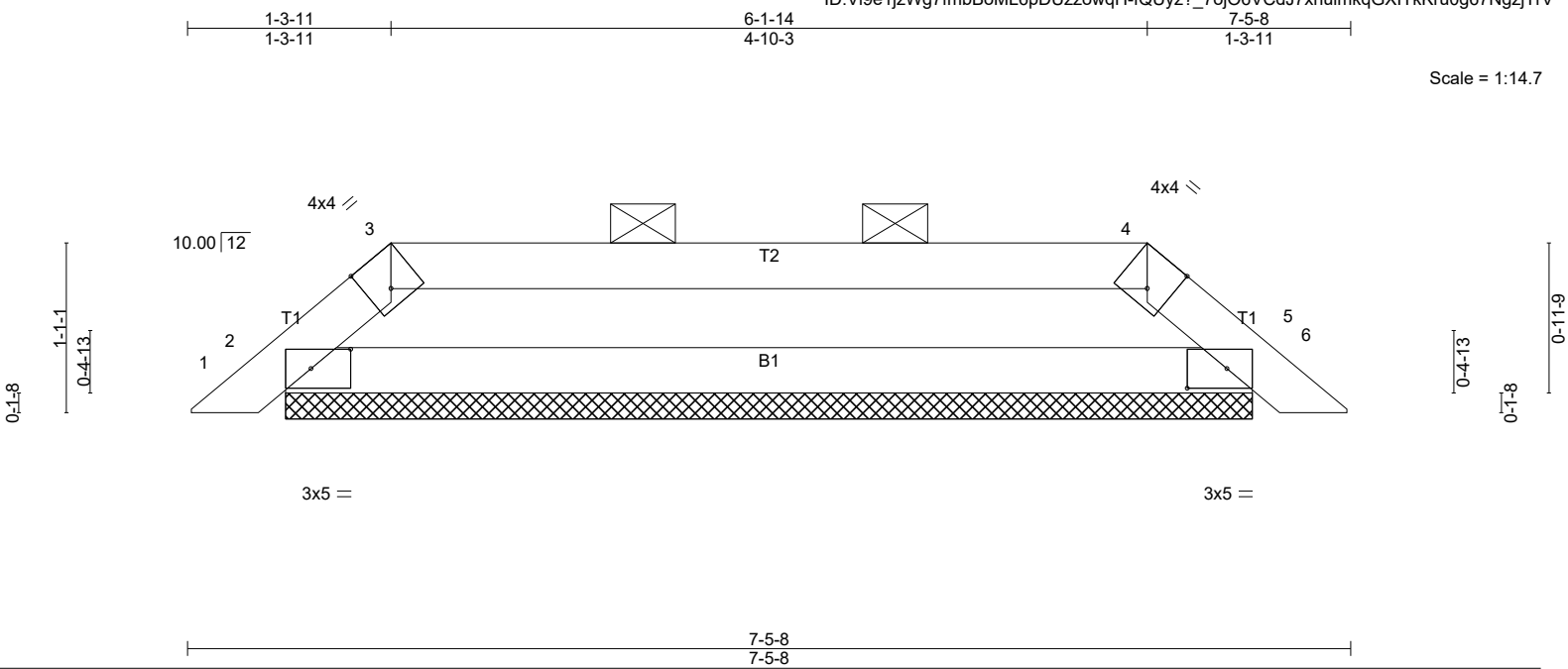


Plate Offsets (X,Y)-- [2:0-3-1,0-1-8], [3:0-1-12,Edge], [4:0-1-12,Edge], [5:0-3-1,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.26	Vert(LL)	-0.00	5	n/r	120	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.29	Vert(CT)	0.00	6	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-R							Weight: 16 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-4.
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=271/6-2-6 (min. 0-1-8), 5=271/6-2-6 (min. 0-1-8)
Max Horz 2=-18(LC 10)
Max Uplift2=-50(LC 9), 5=-50(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-353/196, 3-7=-313/165, 7-8=-313/165, 4-8=-313/165, 4-5=-353/196
BOT CHORD 2-5=-129/313

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-2-14 to 5-6-9, Interior(1) 5-6-9 to 6-1-14, Exterior(2) 6-1-14 to 7-2-10 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 50 lb uplift at joint 2 and 50 lb uplift at joint 5.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	PB02	Piggyback	6	1	Job Reference (optional)

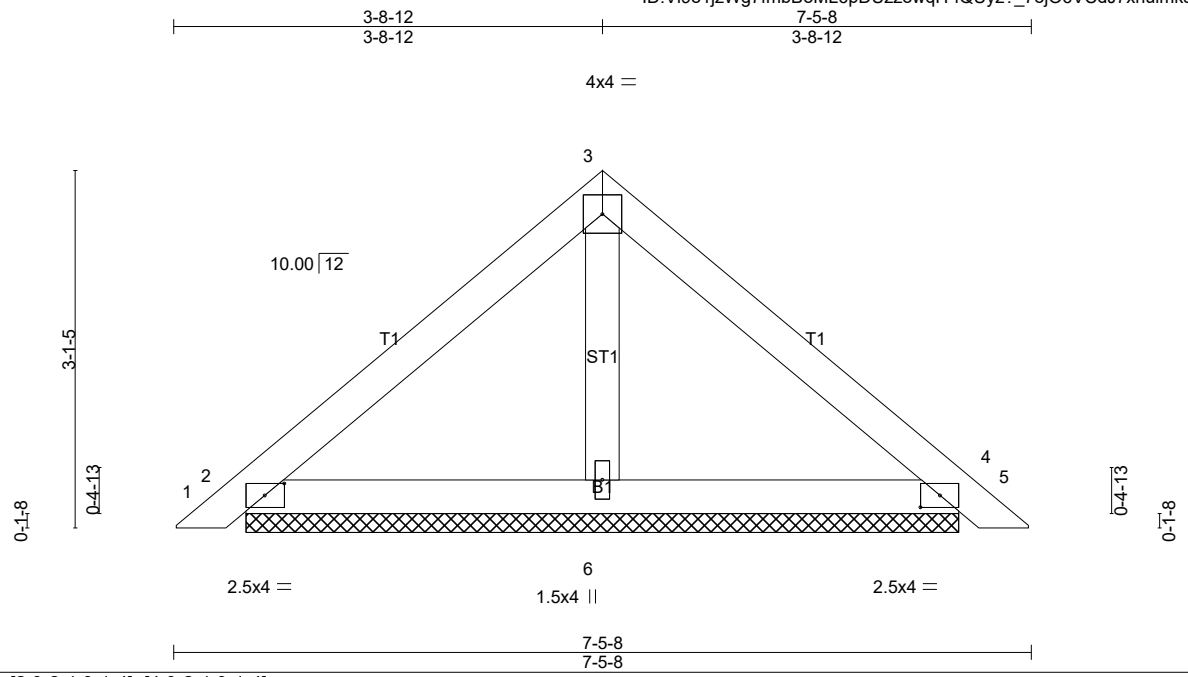


Plate Offsets (X,Y)-- [2:0-2-1,0-1-4], [4:0-2-1,0-1-4]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	-0.00	5	n/r	120	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.08	Vert(CT)	0.00	4	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	4	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-P							Weight: 21 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

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=169/6-2-6 (min. 0-1-8), 4=169/6-2-6 (min. 0-1-8), 6=205/6-2-6 (min. 0-1-8)
Max Horz 2=56(LC 11)
Max Uplift2=-51(LC 12), 4=-57(LC 13)
Max Grav 2=169(LC 1), 4=171(LC 21), 6=205(LC 1)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-2-14 to 3-2-14, Interior(1) 3-2-14 to 3-8-12, Exterior(2) 3-8-12 to 6-9-15, Interior(1) 6-9-15 to 7-2-10 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Gable requires continuous bottom chord bearing.
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 51 lb uplift at joint 2 and 57 lb uplift at joint 4.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	PB03	Piggyback	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:39 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-7c1KAL?mZ1Wz7MCWheC7IzH1gwgfTnA1FKshv6zjTrU

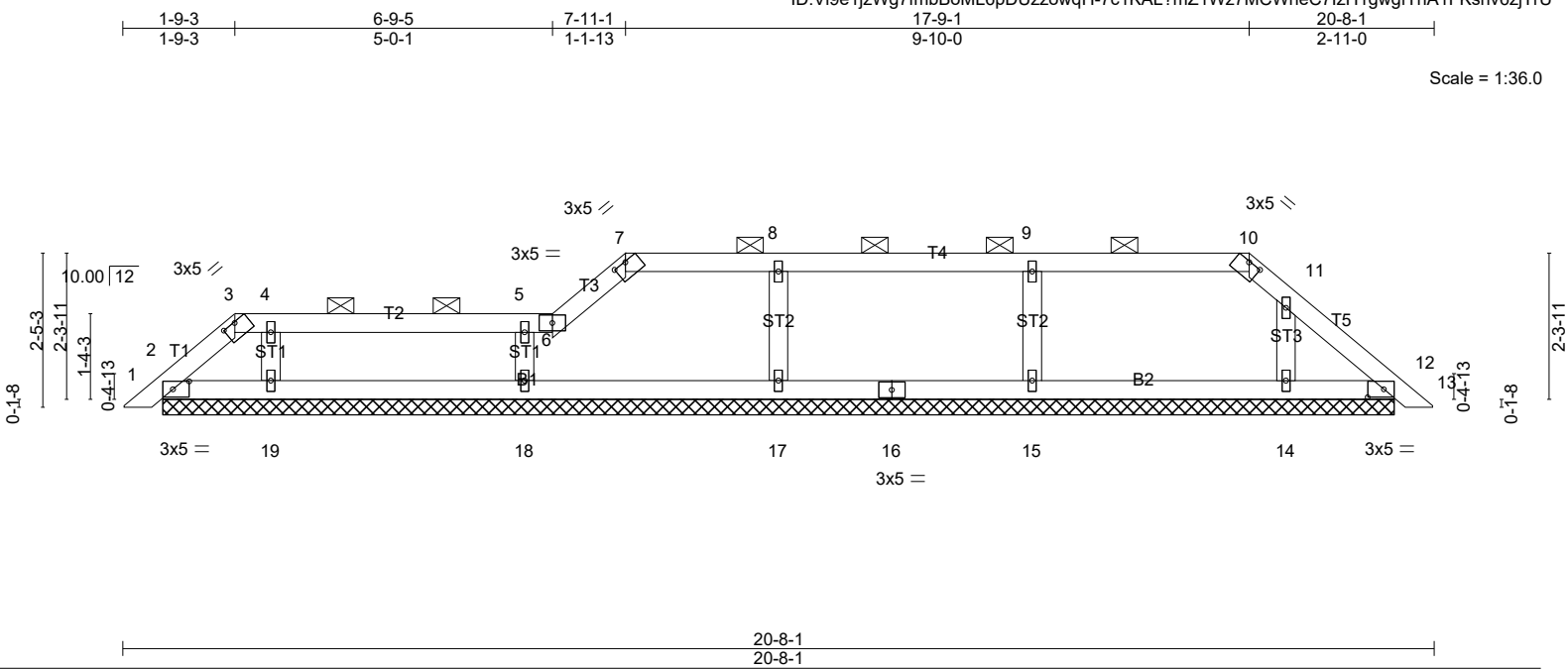


Plate Offsets (X,Y)-- [2:0-3-1,0-1-8], [3:0-2-8,0-0-3], [7:0-2-8,0-0-3], [10:0-2-8,0-0-3], [12:0-3-1,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	-0.00	12	n/r	120	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.10	Vert(CT)	-0.00	12	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	12	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-S							Weight: 55 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-6, 7-10.
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 19-4-15.
(lb) - Max Horz 2=-44(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 12, 17, 18, 19, 15, 14, 2
Max Grav All reactions 250 lb or less at joint(s) 12, 19, 14, 2 except 17=298(LC 1), 18=346(LC 1), 15=332(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 5-18=-262/124

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-2-14 to 4-9-3, Interior(1) 4-9-3 to 7-11-1, Exterior(2) 7-11-1 to 10-11-1, Interior(1) 10-11-1 to 17-9-1, Exterior(2) 17-9-1 to 20-5-3 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 1.5x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 17, 18, 19, 15, 14, 2.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	PB04	Piggyback	1	1	Job Reference (optional)

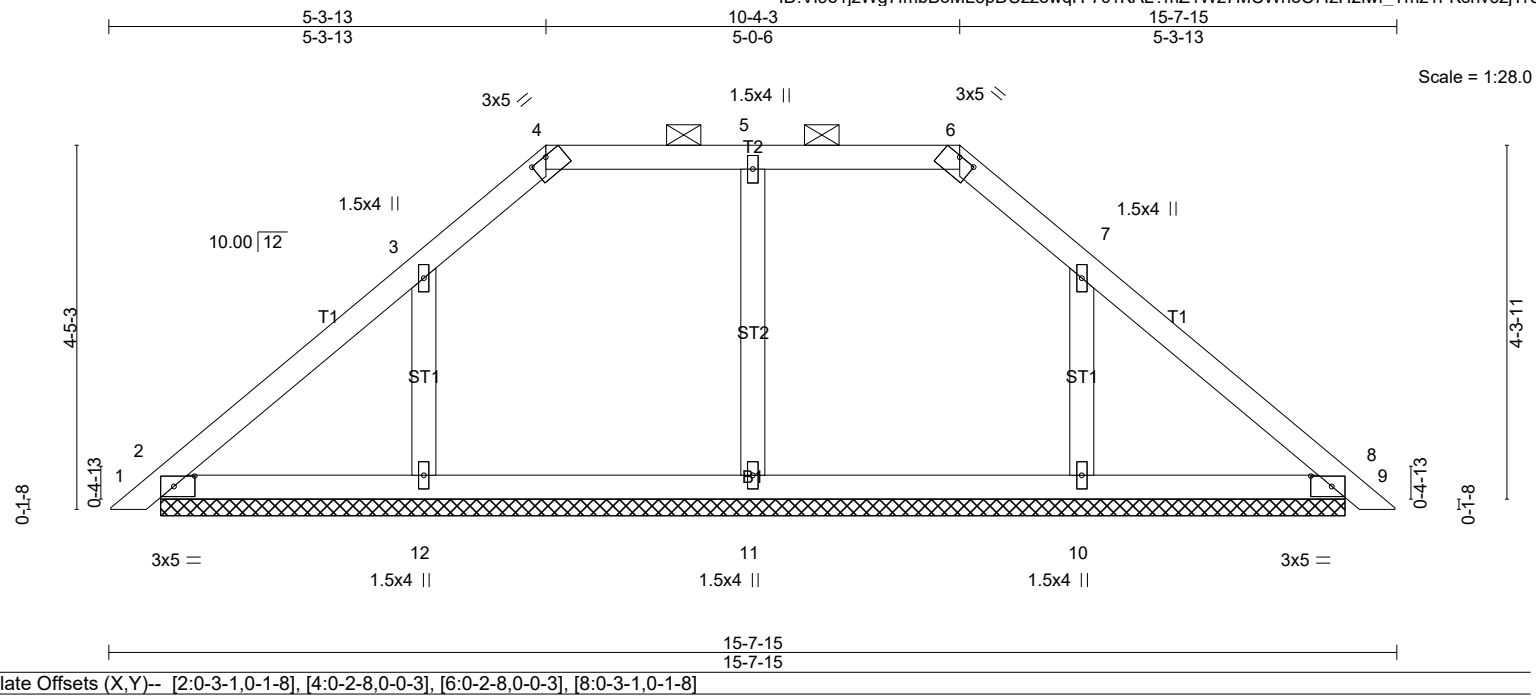


Plate Offsets (X,Y)-- [2:0-3-1,0-1-8], [4:0-2-8,0-0-3], [6:0-2-8,0-0-3], [8:0-3-1,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	-0.00	8	n/r	120	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.14	Vert(CT)	0.00	8	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	8	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-S							Weight: 48 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-6.
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 14-4-13.
(lb) - Max Horz 2=83(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8, 11 except 12=-136(LC 12), 10=-134(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 8 except 11=361(LC 23), 12=347(LC 20), 10=345(LC 21)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-2-14 to 3-2-14, Interior(1) 3-2-14 to 5-3-13, Exterior(2) 5-3-13 to 9-6-11, Interior(1) 9-6-11 to 10-4-3, Exterior(2) 10-4-3 to 14-7-1, Interior(1) 14-7-1 to 15-5-1 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8, 11 except (jt=lb) 12=136, 10=134.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	PB05	Piggyback	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:39 2020 Page 1
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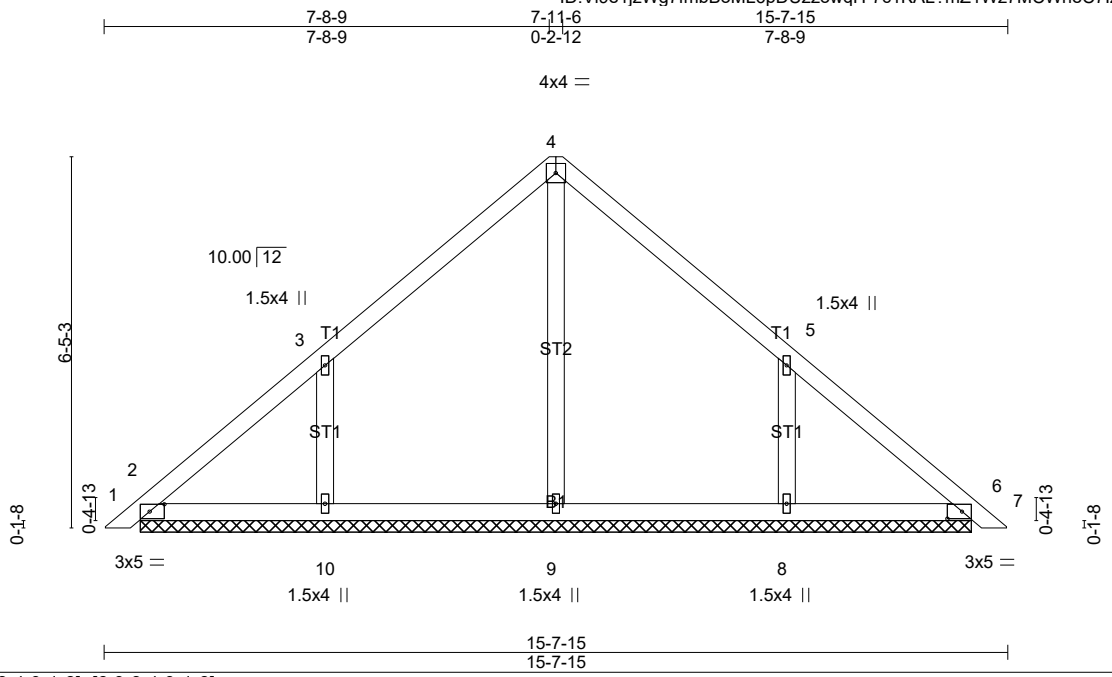


Plate Offsets (X,Y)-- [2:0-3-1,0-1-8], [6:0-3-1,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	0.00	6	n/r	120	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.14	Vert(CT)	0.00	6	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-S							Weight: 52 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

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 14-4-13.
(lb) - Max Horz 2=-122(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2 except 10=-203(LC 12), 8=-203(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 6 except 9=342(LC 23), 10=425(LC 20), 8=424(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-316/242, 5-8=-316/242

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-2-14 to 3-2-14, Interior(1) 3-2-14 to 7-9-15, Exterior(2) 7-9-15 to 10-9-15, Interior(1) 10-9-15 to 15-5-1 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Gable requires continuous bottom chord bearing.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 10=203, 8=203.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	PB06	Piggyback	3	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:40 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-bpbiOg?OKLeqlWniEMjMqBqCUK?FCCWBU_bERZzjTrT

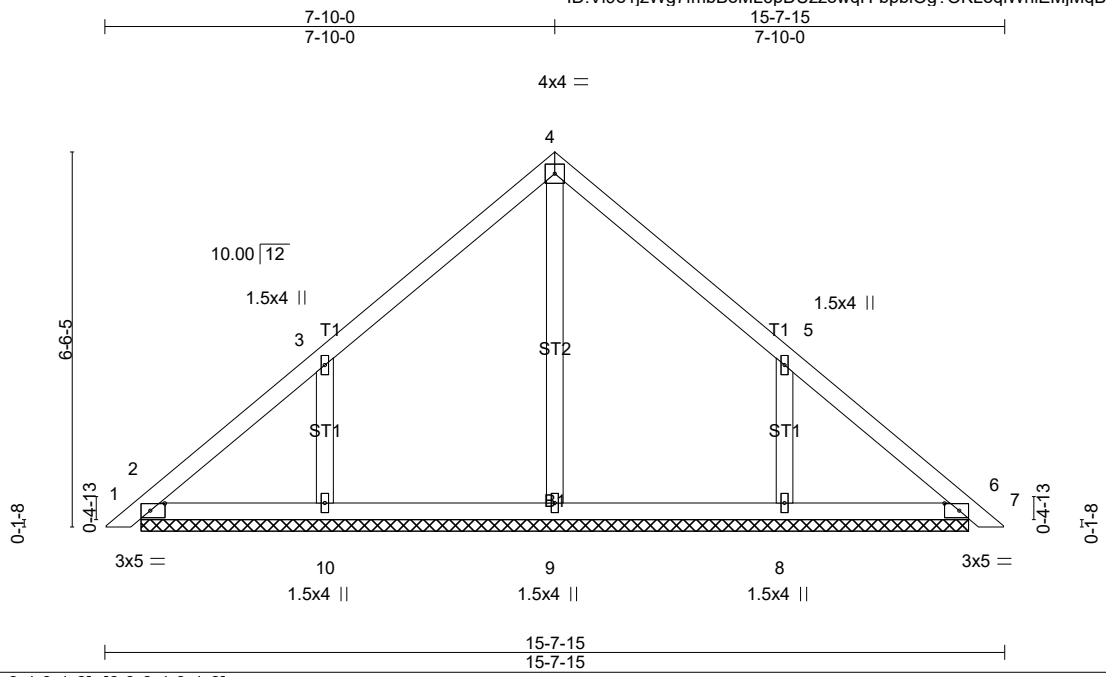


Plate Offsets (X,Y)-- [2:0-3-1,0-1-8], [6:0-3-1,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	-0.00	6	n/r	120	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.14	Vert(CT)	0.00	6	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-S							Weight: 52 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

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 14-4-13.
(lb) - Max Horz 2=-122(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2 except 10=-203(LC 12), 8=-203(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 6 except 9=342(LC 23), 10=425(LC 20), 8=424(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-316/242, 5-8=-316/242

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-2-14 to 3-2-14, Interior(1) 3-2-14 to 7-10-0, Exterior(2) 7-10-0 to 10-10-0, Interior(1) 10-10-0 to 15-5-1 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Gable requires continuous bottom chord bearing.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 10=203, 8=203.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	PB07	Piggyback	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:40 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-bpbiOg?OKLeqlWniEMjMqBqC0K0YCBABU_bERZzjTrT

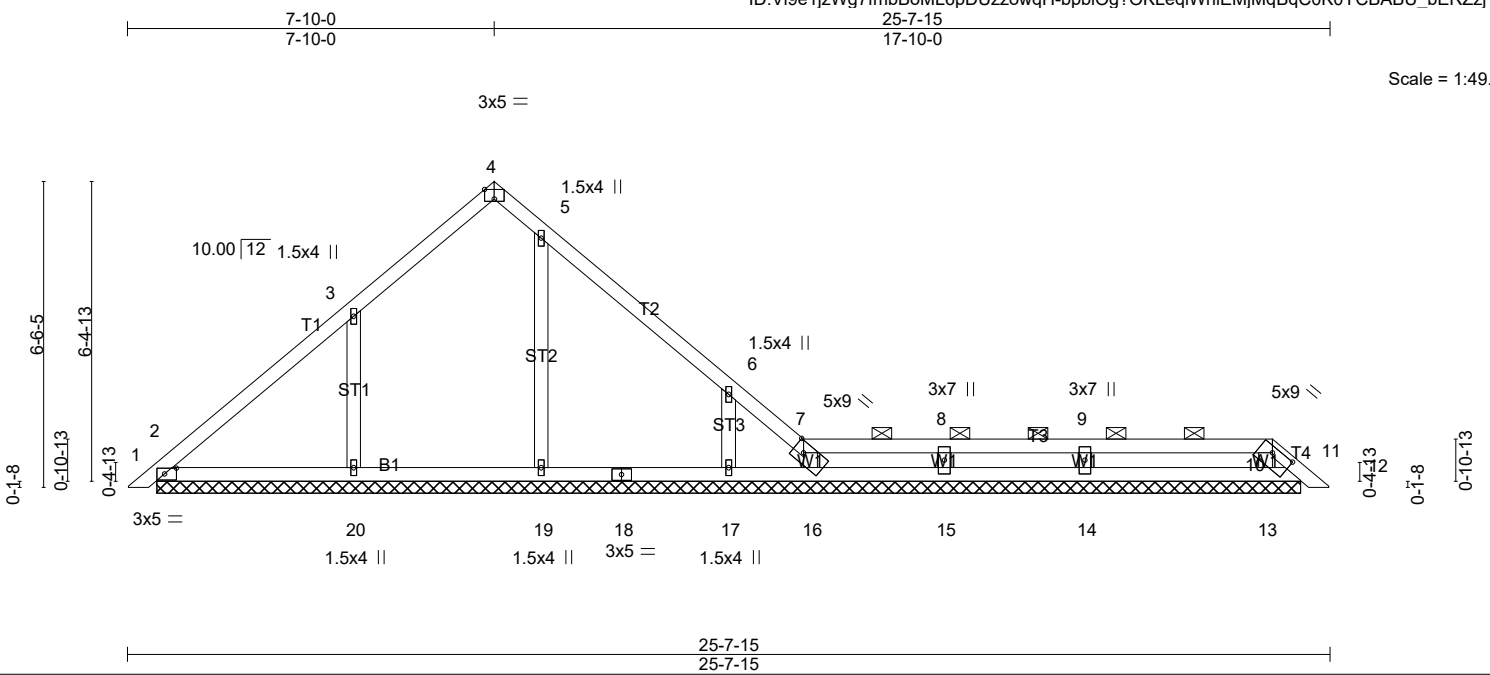


Plate Offsets (X,Y)-- [2:0-3-1,0-1-8], [4:0-2-8,Edge], [7:0-2-12,0-2-8], [10:0-5-8,0-1-8], [11:0-2-9,0-0-0], [13:0-1-6,0-1-2], [16:0-1-6,0-1-2]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	0.00	11	n/r	120	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.12	Vert(CT)	0.00	11	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	11	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-S							Weight: 76 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud
OTHERS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): 7-10.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

REACTIONS. All bearings 24-4-13.
(lb) - Max Horz 2=122(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 16, 15, 14, 11 except 17=-175(LC 13), 19=-107(LC 13), 20=-202(LC 12), 13=-160(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 16, 15, 13, 11 except 17=312(LC 21), 19=394(LC 21), 20=487(LC 20), 14=301(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 6-17=-269/211, 3-20=-323/240

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-2-14 to 3-2-14, Interior(1) 3-2-14 to 7-10-0, Exterior(2) 7-10-0 to 10-10-0, Interior(1) 10-10-0 to 24-5-3, Exterior(2) 24-5-3 to 25-5-1 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16, 15, 14, 11 except (jt=lb) 17=175, 19=107, 20=202, 13=160.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

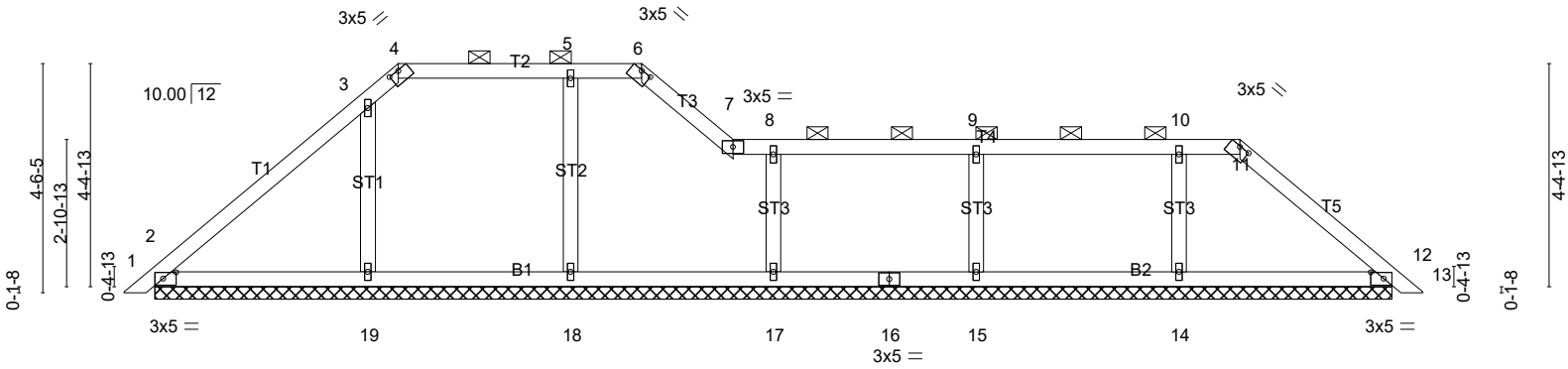
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	PB08	Piggyback	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:41 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-3?94b0005emhMgMuo3FbNOMMwkLcxfNKieLoz?zjTrS

5-5-3	10-2-13	12-0-6	22-0-6	25-7-15
5-5-3	4-9-10	1-9-10	10-0-0	3-7-9

Scale = 1:45.1



25-7-15
25-7-15

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	-0.00	13	n/r	120	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.13	Vert(CT)	0.00	13	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	12	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-S							Weight: 77 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-6, 7-11.
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 24-4-13.
(lb) - Max Horz 2=85(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 12, 18, 15, 14, 2 except 17=-122(LC 13), 19=-114(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 12, 2 except 17=358(LC 1), 18=314(LC 23), 19=413(LC 20), 15=308(LC 1), 14=324(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 8-17=-275/169

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-2-14 to 3-2-14, Interior(1) 3-2-14 to 5-5-3, Exterior(2) 5-5-3 to 8-5-3, Interior(1) 8-5-3 to 10-2-13, Exterior(2) 10-2-13 to 12-0-6, Interior(1) 12-0-6 to 22-0-6, Exterior(2) 22-0-6 to 25-0-6, Interior(1) 25-0-6 to 25-5-1 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 1.5x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 18, 15, 14, 2 except (jt=lb) 17=122, 19=114.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

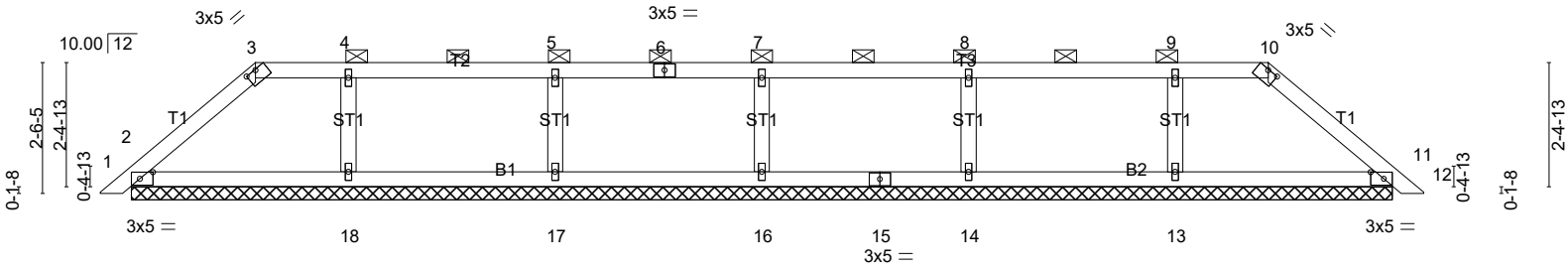
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	PB09	Piggyback	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:42 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-XBjTpM1esyuY_pw5MmmqwcvXz8i?g7wTxl4LWRzjTrR

3-0-6 | 22-7-10 | 25-7-15
3-0-6 | 19-7-4 | 3-0-6

Scale = 1:44.2



25-7-15
25-7-15

Plate Offsets (X,Y)-- [2:0-3-1,0-1-8], [3:0-2-8,0-0-3], [10:0-2-8,0-0-3], [11:0-3-1,0-1-8]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.15	Vert(LL) -0.00 12 n/r 120	MT20 197/144
(Roof Snow=20.0)	Lumber DOL 1.15	BC 0.12	Vert(CT) 0.00 11 n/r 90	
TCDL 10.0	Rep Stress Incr YES	WB 0.06	Horz(CT) 0.00 11 n/a n/a	
BCLL 0.0 *	Code IBC2015/TPI2014	Matrix-S		Weight: 69 lb FT = 20%
BCDL 10.0				

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-10.
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.

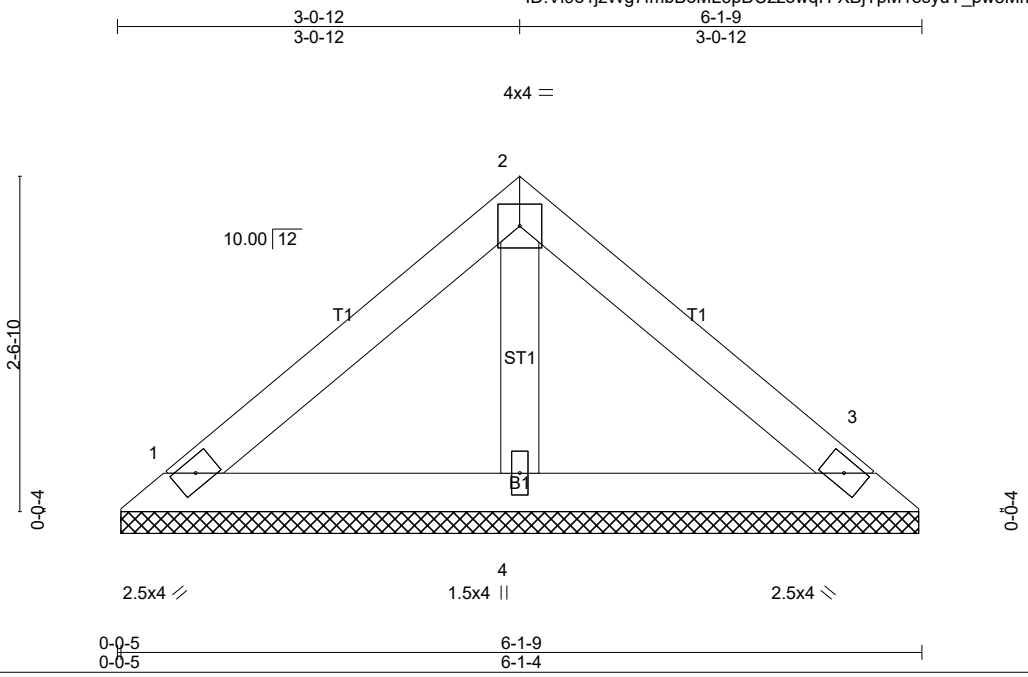
REACTIONS. All bearings 24-4-13.
(lb) - Max Horz 2=-46(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 11, 16, 17, 18, 14, 13, 2
Max Grav All reactions 250 lb or less at joint(s) 11, 2 except 16=319(LC 1), 17=321(LC 1), 18=298(LC 1), 14=321(LC 1), 13=298(LC 1)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-2-14 to 7-3-4, Interior(1) 7-3-4 to 22-7-10, Exterior(2) 22-7-10 to 25-5-1 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 1.5x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 16, 17, 18, 14, 13, 2.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	PB10	Piggyback	1	1	Job Reference (optional)



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	3	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-P							Weight: 17 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

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) 1=123/6-0-15 (min. 0-1-8), 3=123/6-0-15 (min. 0-1-8), 4=179/6-0-15 (min. 0-1-8)
Max Horz 1=43(LC 9)
Max Uplift1=-37(LC 12), 3=-42(LC 13)
Max Grav 1=123(LC 1), 3=127(LC 20), 4=179(LC 1)

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

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 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=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Gable requires continuous bottom chord bearing.
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) 1, 3.
7) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T01	ROOF SPECIAL GIRDER	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.310 s May 22 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:43 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-?OHr0i2GdG0PczVHwUH3SpSd_YziPQMdAyqu2uzjTrQ

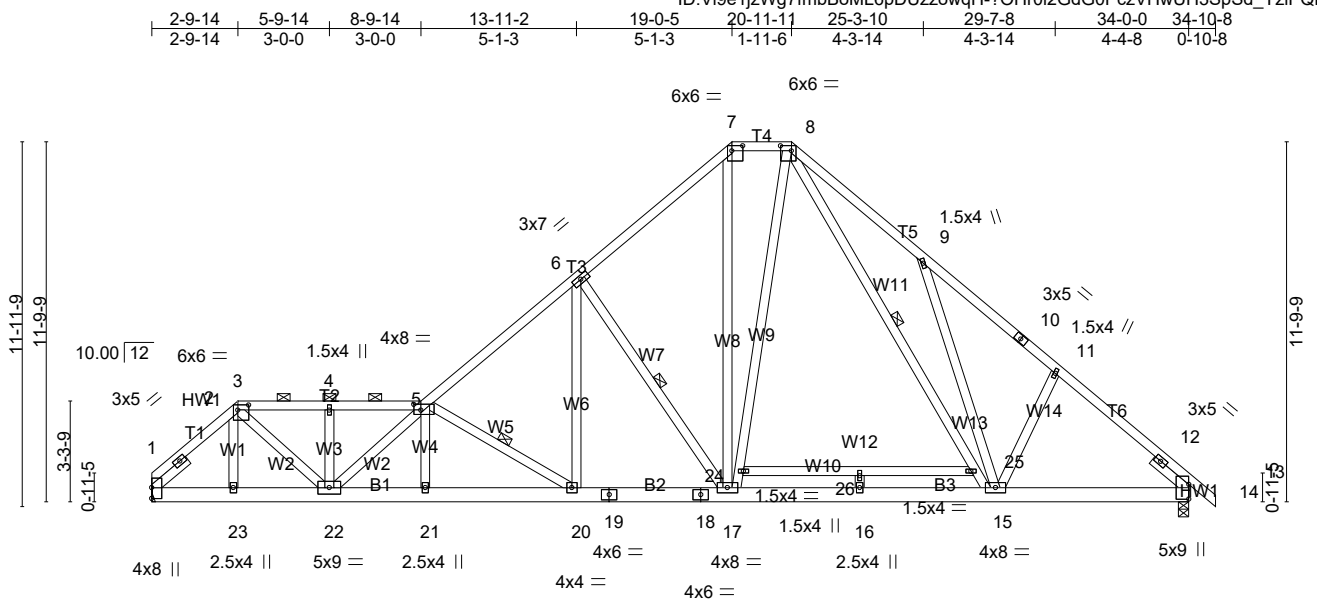


Plate Offsets (X,Y)-- [3:0-4-4,0-2-0], [5:0-2-12,0-2-4], [7:0-4-4,0-2-0], [8:0-4-4,0-2-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.46	Vert(LL)	0.14	20-21	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.41	Vert(CT)	-0.27	20-21	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.69	Horz(CT)	0.06	13	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 218 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x6 SPF 1650F 1.5E
WEBS 2x4 SPF Stud
SLIDER Left 2x4 SPF Stud -4 1-6-0, Right 2x4 SPF Stud -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-0 oc purlins, except 2-0-0 oc purlins (3-7-14 max.): 3-5, 7-8.
BOT CHORD Rigid ceiling directly applied or 9-11-7 oc bracing.
WEBS 1 Row at midpt 5-20, 6-17, 8-15

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

REACTIONS. (lb/size) 1=1486/Mechanical, 13=1429/0-4-0 (min. 0-2-4)
Max Horz 1=-220(LC 8)
Max Uplift1=-453(LC 12), 13=-251(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-890/254, 2-3=-1753/570, 3-4=-2409/721, 4-35=-2409/721, 5-35=-2409/721, 5-6=-2199/545, 6-36=-1484/445, 7-36=-1373/470, 7-8=-1041/408, 8-37=-1818/725, 9-37=-1874/705, 9-10=-1558/424, 10-11=-1637/403, 11-38=-1614/360, 12-38=-1729/349, 12-13=-729/79
BOT CHORD 1-39=-485/1278, 23-39=-485/1278, 23-40=-483/1283, 22-40=-483/1283, 21-22=-822/3162, 20-21=-819/3164, 19-20=-339/1634, 19-41=-339/1634, 18-41=-339/1634, 17-18=-339/1634, 16-17=-24/824, 15-16=-24/824, 13-15=-183/1264
WEBS 3-22=-371/1572, 5-22=-1113/147, 5-20=-1763/553, 6-20=-221/951, 6-17=-1023/438, 7-17=-208/702, 17-24=-142/455, 8-24=-120/412, 8-25=-492/884, 15-25=-529/976, 9-15=-519/380

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 6-2-11, Interior(1) 6-2-11 to 19-0-5, Exterior(2) 19-0-5 to 24-4-8, Interior(1) 24-4-8 to 34-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=453, 13=251.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

NOTES-

11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 79 lb down and 83 lb up at 1-9-12, and 79 lb down and 83 lb up at 3-9-12, and 79 lb down and 83 lb up at 5-9-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
12) 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 + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-3=-60, 3-5=-60, 5-7=-60, 7-8=-60, 8-14=-60, 27-31=-20
   Concentrated Loads (lb)
      Vert: 22=-48(B) 39=-48(B) 40=-48(B)

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T02	Roof Special	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:43 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-?OHr0i2GdG0PczVHwUH3SpSYDYsfPMSdAyqu2uzjTrQ

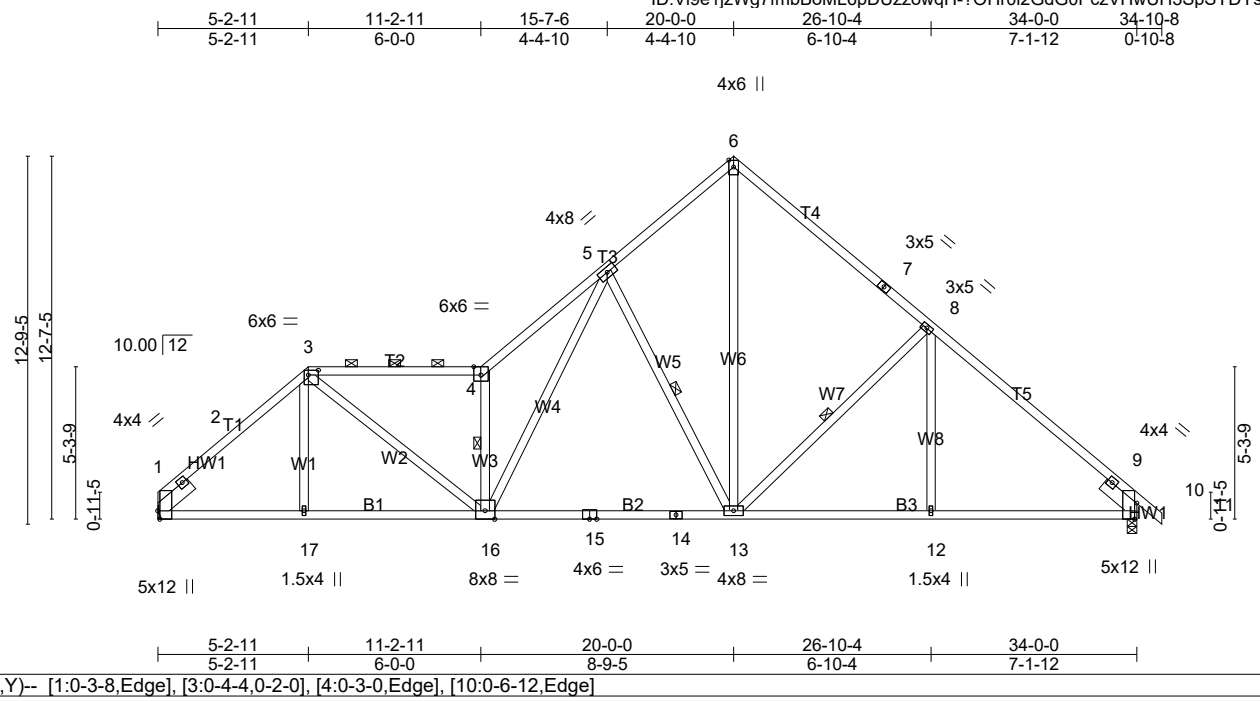


Plate Offsets (X,Y)-- [1:0-3-8,Edge], [3:0-4-4,0-2-0], [4:0-3-0,Edge], [10:0-6-12,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.83	Vert(LL)	-0.31	13-16	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.86	Vert(CT)	-0.54	13-16	>750	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.10	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 167 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF No.2 *Except* W1,W3,W8: 2x4 SPF Stud
SLIDER	Left 2x6 SPF 1650F 1.5E -4 1-6-0, Right 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (2-7-13 max.): 3-4.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-16, 5-13, 8-13

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

REACTIONS. (lb/size) 1=1359/Mechanical, 10=1413/0-4-0 (min. 0-2-8)
Max Horz 1=-235(LC 8)
Max Uplift 1=-253(LC 12), 10=-229(LC 13)
Max Grav 1=1381(LC 21), 10=1584(LC 21)

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

TOP CHORD	1-2=-353/0, 2-26=-1733/322, 26-27=-1701/333, 3-27=-1607/345, 3-28=-2284/454, 4-28=-2284/454, 4-5=-2947/651, 5-29=-1477/391, 6-29=-1351/412, 6-30=-1378/385, 7-30=-1381/367, 7-8=-1492/352, 8-31=-1715/332, 9-31=-1896/307, 9-10=-420/0
BOT CHORD	1-17=-291/1349, 16-17=-293/1349, 16-32=-207/1512, 15-32=-207/1512, 14-15=-207/1512, 13-14=-207/1512, 13-33=-138/1357, 12-33=-138/1357, 12-34=-138/1357, 10-34=-138/1357
WEBS	3-16=-172/1337, 4-16=-2091/539, 5-16=-393/1671, 5-13=-992/387, 6-13=-351/1454, 8-13=-574/300, 8-12=0/275

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-4-13, Interior(1) 3-4-13 to 5-2-11, Exterior(2) 5-2-11 to 8-7-8, Interior(1) 8-7-8 to 20-0-0, Exterior(2) 20-0-0 to 23-4-13, Interior(1) 23-4-13 to 34-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=253, 10=229.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T03	Roof Special	1	1	Job Reference (optional)

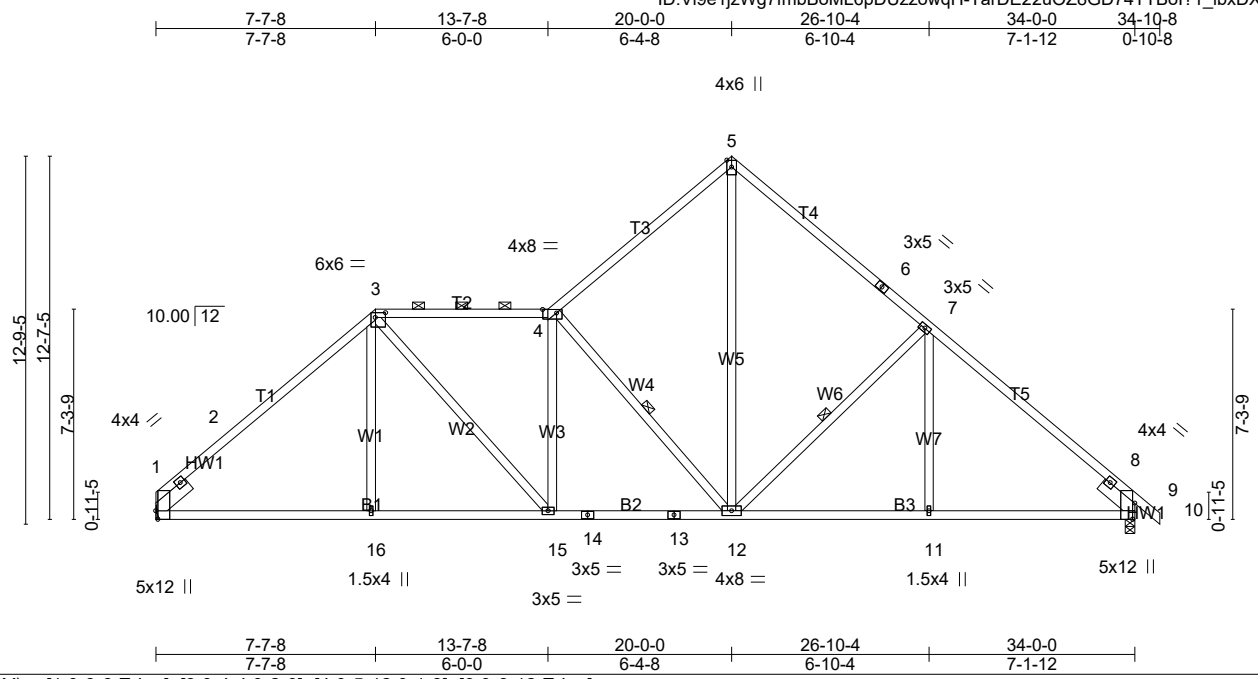


Plate Offsets (X,Y)-- [1:0-3-8,Edge], [3:0-4-4,0-2-0], [4:0-5-12,0-1-8], [9:0-6-12,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.85	Vert(LL)	-0.13	11-12	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.26	11-12	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.11	9	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 162 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2 *Except* T1: 2x4 SPF 1650F 1.5E
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF No.2 *Except* W1,W3,W7: 2x4 SPF Stud
SLIDER	Left 2x6 SPF 1650F 1.5E -4 1-6-0, Right 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (3-9-8 max.): 3-4.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-12, 7-12

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

REACTIONS. (lb/size) 1=1359/Mechanical, 9=1413/0-4-0 (min. 0-2-8)
Max Horz 1=-235(LC 8)
Max Uplift 1=-253(LC 12), 9=-229(LC 13)
Max Grav 1=1507(LC 21), 9=1599(LC 21)

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

TOP CHORD	1-2=-428/96, 2-25=-1891/323, 25-26=-1781/327, 3-26=-1759/346, 3-27=-1859/414, 4-27=-1859/414, 4-28=-1518/369, 5-28=-1422/387, 5-29=-1376/391, 6-29=-1383/373, 6-7=-1494/358, 7-30=-1831/335, 8-30=-1923/310, 8-9=-402/0
BOT CHORD	1-31=-244/1431, 16-31=-244/1431, 16-32=-245/1424, 15-32=-245/1424, 14-15=-277/1852, 14-33=-277/1852, 13-33=-277/1852, 12-13=-277/1852, 12-34=-135/1364, 11-34=-135/1364, 11-35=-135/1364, 9-35=-135/1364
WEBS	3-16=0/315, 3-15=-127/783, 4-15=-391/174, 4-12=-1173/356, 5-12=-301/1411, 7-12=-587/294, 7-11=0/304

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-4-13, Interior(1) 3-4-13 to 7-7-8, Exterior(2) 7-7-8 to 11-0-5, Interior(1) 11-0-5 to 20-0-0, Exterior(2) 20-0-0 to 23-4-13, Interior(1) 23-4-13 to 34-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=253, 9=229.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T04	Roof Special	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:45 2020 Page 1
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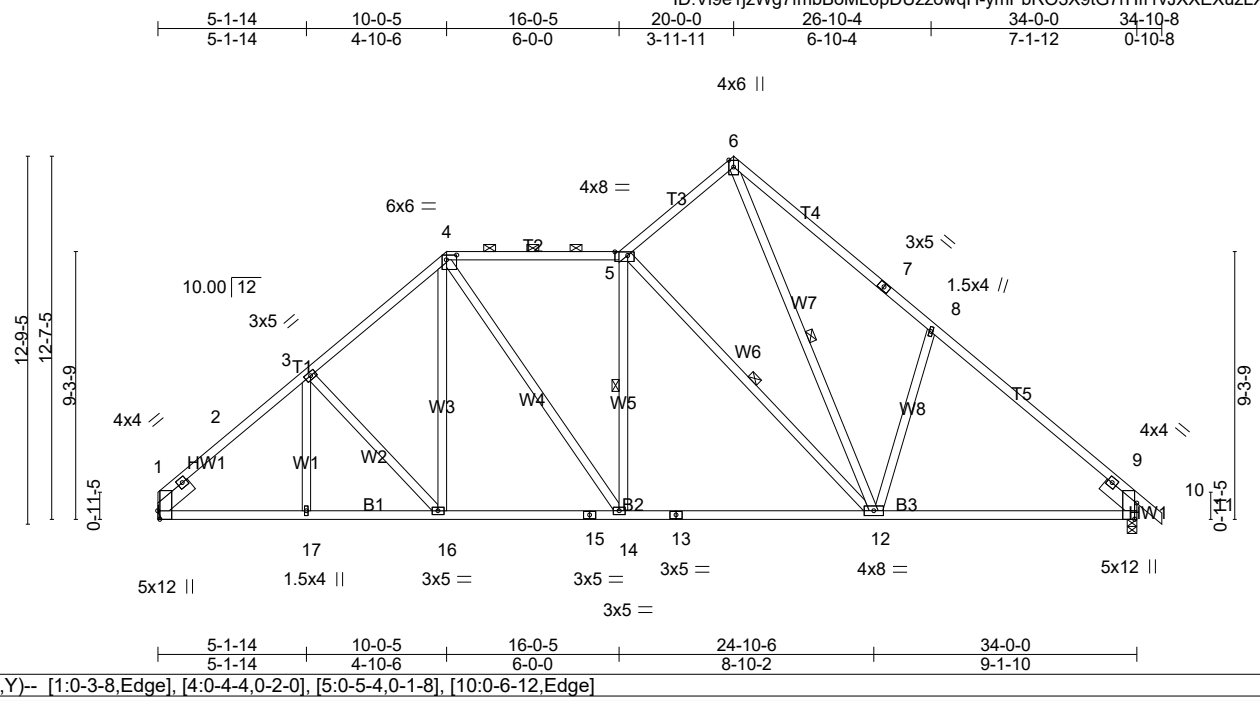

Plate Offsets (X,Y)-- [1:0-3-8,Edge], [4:0-4-4,0-2-0], [5:0-5-4,0-1-8], [10:0-6-12,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.81	Vert(LL)	-0.21	12-14	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.90	Vert(CT)	-0.41	12-14	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.09	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 176 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF No.2 *Except* W1,W2,W8: 2x4 SPF Stud
SLIDER	Left 2x6 SPF 1650F 1.5E -4 1-6-0, Right 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-0-2 oc purlins, except 2-0-0 oc purlins (4-1-14 max.): 4-5.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 5-14, 5-12, 6-12

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

REACTIONS. (lb/size) 1=1359/Mechanical, 10=1413/0-4-0 (min. 0-2-8)
Max Horz 1=-235(LC 8)
Max Uplift 1=-253(LC 12), 10=-229(LC 13)
Max Grav 1=1437(LC 20), 10=1591(LC 21)

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

TOP CHORD	1-2=-352/0, 2-26=-1798/330, 3-26=-1690/343, 3-27=-1648/369, 4-27=-1597/393, 4-28=-1522/385, 5-28=-1522/385, 5-29=-1077/317, 6-29=-964/336, 6-30=-1734/498, 7-30=-1742/480, 7-8=-1854/465, 8-31=-1706/346, 9-31=-1885/322, 9-10=-512/0
BOT CHORD	1-17=-307/1433, 16-17=-307/1433, 16-32=-171/1262, 15-32=-171/1262, 14-15=-171/1262, 13-14=-170/1494, 13-33=-170/1494, 12-33=-170/1494, 12-34=-143/1332, 34-35=-143/1332, 10-35=-143/1332
WEBS	3-16=-285/194, 4-16=-77/368, 4-14=-96/539, 5-12=-1089/308, 6-12=-396/1549, 8-12=-448/369

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-4-13, Interior(1) 3-4-13 to 10-0-5, Exterior(2) 10-0-5 to 13-5-2, Interior(1) 13-5-2 to 20-0-0, Exterior(2) 20-0-0 to 23-4-13, Interior(1) 23-4-13 to 34-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=253, 10=229.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T05	Roof Special	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:45 2020 Page 1
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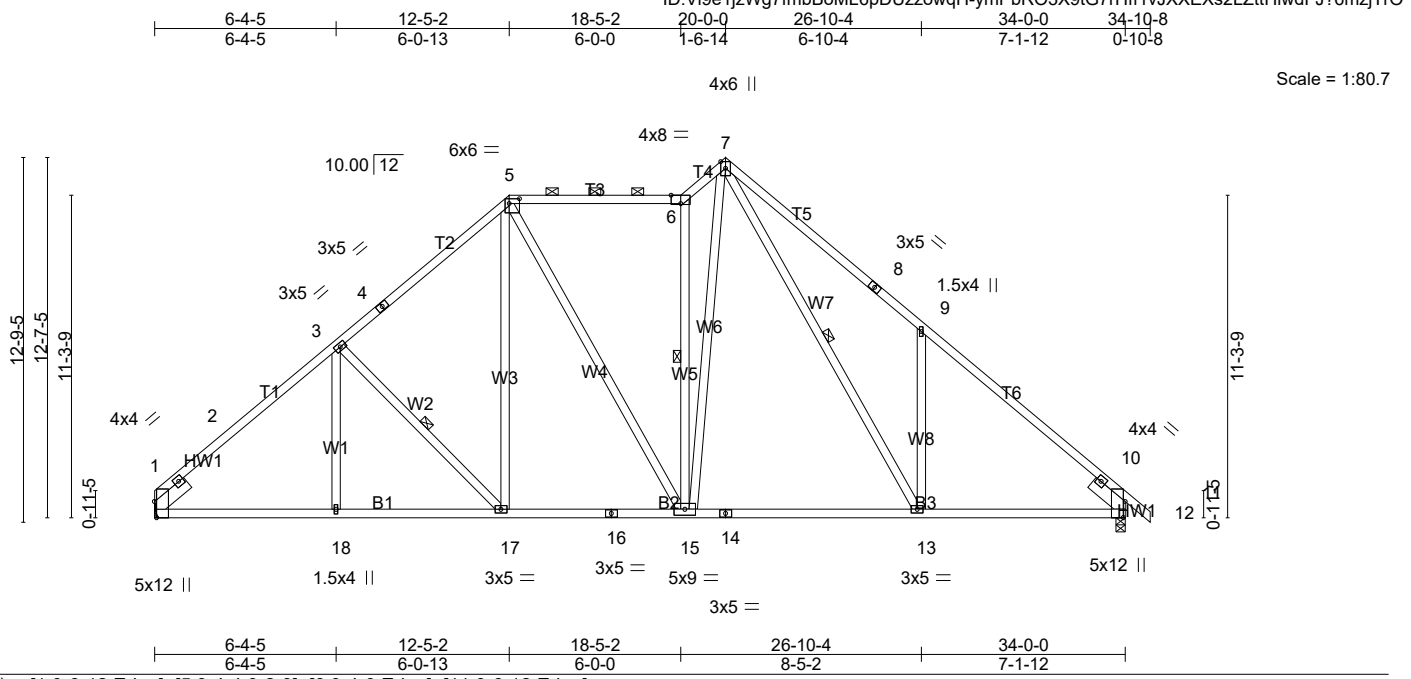


Plate Offsets (X,Y)-- [1:0-6-12,Edge], [5:0-4-4,0-2-0], [6:0-4-0,Edge], [11:0-6-12,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.93	Vert(LL)	-0.25	13-15	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.45	13-15	>916	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.10	11	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 185 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF No.2 *Except* W1,W8: 2x4 SPF Stud
SLIDER	Left 2x6 SPF 1650F 1.5E -4 1-6-0, Right 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except 2-0-0 oc purlins (4-8-4 max.): 5-6.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 3-17, 6-15, 7-13

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

REACTIONS. (lb/size) 1=1359/Mechanical, 11=1413/0-4-0 (min. 0-2-9)
Max Horz 1=-235(LC 8)
Max Uplift 1=-253(LC 12), 11=-229(LC 13)
Max Grav 1=1489(LC 20), 11=1616(LC 21)

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

TOP CHORD	1-2=-388/0, 2-27=-1856/327, 3-27=-1698/345, 3-4=-1584/369, 4-28=-1499/381, 5-28=-1491/399, 5-29=-1269/375, 6-29=-1269/375, 6-7=-1574/478, 7-30=-1960/601, 8-30=-1965/583, 8-9=-2075/568, 9-31=-1841/330, 10-31=-1960/305, 10-11=-355/0
BOT CHORD	1-32=-290/1474, 18-32=-290/1474, 17-18=-290/1474, 16-17=-109/1157, 15-16=-109/1157, 15-33=-37/1058, 14-33=-37/1058, 14-34=-37/1058, 13-34=-37/1058, 13-35=-134/1369, 11-35=-134/1369
WEBS	3-17=-439/254, 5-17=-107/497, 5-15=-94/274, 6-15=-1095/376, 7-15=-336/1247, 7-13=-421/873, 9-13=-525/441

NOTES-

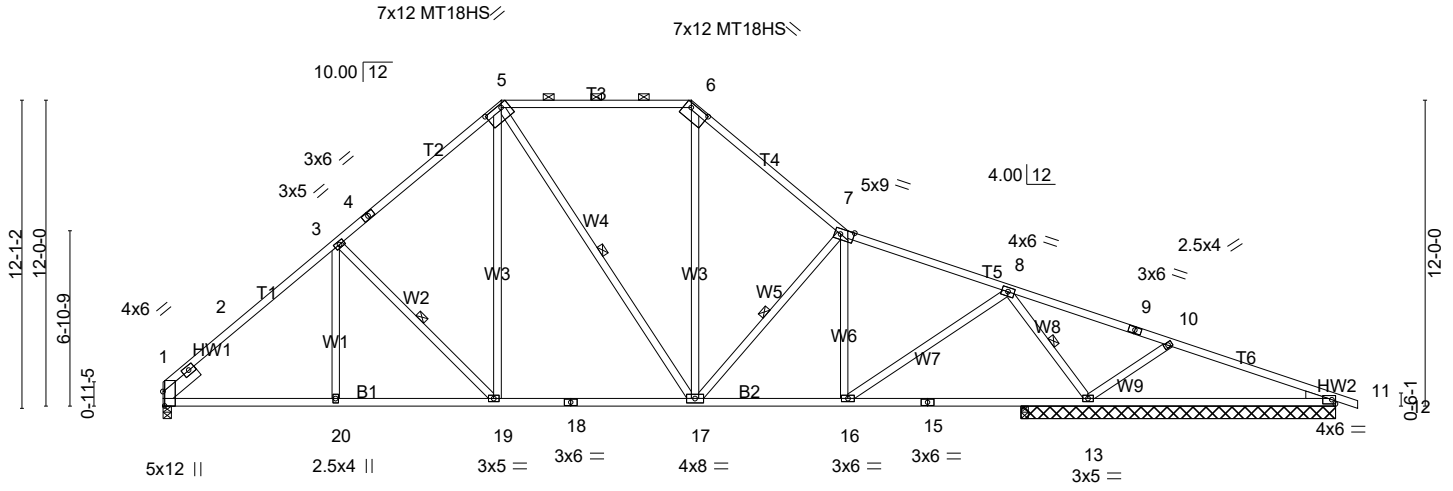
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-4-13, Interior(1) 3-4-13 to 12-5-2, Exterior(2) 12-5-2 to 15-9-14, Interior(1) 15-9-14 to 20-0-0, Exterior(2) 20-0-0 to 23-4-13, Interior(1) 23-4-13 to 34-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=253, 11=229.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T06	Piggyback Base	1	1	Job Reference (optional)

6-9-6	13-3-4	20-8-12	26-10-8	33-1-14	39-5-3	46-0-0	46-10-8
6-9-6	6-5-14	7-5-8	6-1-12	6-3-6	6-3-6	6-6-13	0-10-8

Scale = 1:90.4



6-9-6	13-3-4	20-8-12	26-10-8	33-11-8	36-3-9	46-0-0
6-9-6	6-5-14	7-5-8	6-1-12	7-1-0	2-4-1	9-8-7

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

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.97	Vert(LL)	-0.19	17-19	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.77	Vert(CT)	-0.38	13-27	>309	180	MT18HS	197/144
TCDL	10.0	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.07	13	n/a	n/a		
BCLL	0.0 *	Code	IBC2015/TPI2014	Matrix-MS							Weight: 215 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD 2x4 SPF 1650F 1.5E *Except*
T3: 2x4 SP DSS, T5,T6: 2x4 SPF No.2
BOT CHORD 2x4 SPF 1650F 1.5E *Except*
B2: 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W1,W6,W8,W9: 2x4 SPF Stud
WEDGE
Right: 2x4 SPF Stud
SLIDER Left 2x6 SPF 1650F 1.5E -4 1-9-0

BRACING-

TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (2-2-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 11-13.
WEBS 1 Row at midpt 3-19, 5-17, 7-17, 8-13

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

REACTIONS. All bearings 12-4-0 except (jt=length) 1=0-4-0, 14=0-3-8.
(lb) - Max Horz 1=-252(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 11 except 1=-215(LC 14), 13=-425(LC 15)
Max Grav All reactions 250 lb or less at joint(s) 14 except 1=1862(LC 45), 13=1988(LC 1), 11=307(LC 41), 11=279(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-440/0, 2-28=-2351/349, 28-29=-2234/350, 29-30=-2197/357, 3-30=-2106/369, 3-4=-1884/388, 4-31=-1773/395, 31-32=-1676/404, 5-32=-1646/420, 5-33=-1236/399, 33-34=-1236/399, 34-35=-1236/399, 6-35=-1236/399, 6-36=-1620/417, 7-36=-1818/392, 7-37=-1640/354, 8-37=-1697/346, 8-38=-112/563, 9-38=-113/513, 9-10=-122/505, 10-39=-40/377, 11-39=-94/328
BOT CHORD 1-40=-233/1848, 20-40=-233/1848, 20-41=-233/1848, 19-41=-233/1848, 18-19=-29/1325, 18-42=-29/1325, 17-42=-29/1325, 17-43=-136/1584, 16-43=-136/1584, 15-16=-40/653, 14-15=-40/653, 13-14=-40/653, 11-13=-302/60
WEBS 3-19=-721/284, 5-19=-105/798, 6-17=-73/682, 7-17=-537/255, 7-16=-576/150, 8-16=-121/1232, 8-13=-1912/450, 10-13=-514/263

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 4-7-3, Interior(1) 4-7-3 to 13-3-4, Exterior(2) 13-3-4 to 17-10-7, Interior(1) 17-10-7 to 20-8-12, Exterior(2) 20-8-12 to 25-3-15, Interior(1) 25-3-15 to 46-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

Continued on page 2

NOTES-

9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 11 except (jt=lb) 1=215, 13=425.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

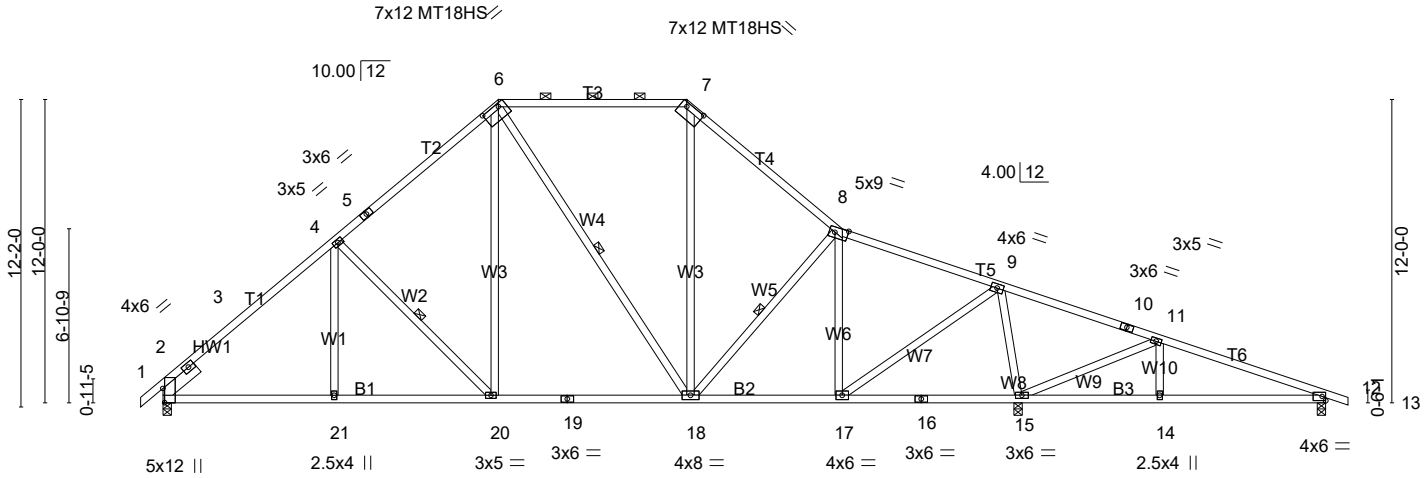
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T07	Piggyback Base	2	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:47 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-u9WMs45nhUWr5bp29KL?dfcC_9CSLChD5Zo6BfzjTrM

-0-10-8	6-9-6	13-3-4	20-8-12	26-10-8	33-1-14	39-5-3	46-0-0	46-10-8
0-10-8	6-9-6	6-5-14	7-5-8	6-1-12	6-3-6	6-3-6	6-6-13	0-10-8

Scale = 1:91.1



6-9-6	13-3-4	20-8-12	26-10-8	33-10-0	39-5-3	46-0-0
6-9-6	6-5-14	7-5-8	6-1-12	6-11-8	5-7-3	6-6-13

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

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.90	Vert(LL)	-0.18	18-20	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.94	Vert(CT)	-0.30	18-20	>999	180	MT18HS	197/144
TCDL	10.0	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.05	15	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 219 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD 2x4 SPF 1650F 1.5E *Except*
T3: 2x4 SP DSS, T5,T6: 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W1,W6,W8,W9,W10: 2x4 SPF Stud
SLIDER Left 2x6 SPF 1650F 1.5E -4 1-9-0

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (3-6-8 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 4-20, 6-18, 8-18

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

REACTIONS. (lb/size) 2=1339/0-4-0 (min. 0-2-13), 15=2098/0-4-0 (min. 0-3-5), 12=348/0-4-0 (min. 0-1-8)
Max Horz 2=-246(LC 10)
Max Uplift 2=-223(LC 14), 15=-356(LC 15), 12=-129(LC 11)
Max Grav 2=1795(LC 45), 15=2098(LC 1), 12=378(LC 41)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-388/0, 3-29=-2186/324, 29-30=-2082/325, 30-31=-2070/327, 4-31=-1940/343, 4-5=-1710/363, 5-32=-1600/371, 32-33=-1502/380, 6-33=-1473/395, 6-34=-1028/371, 34-35=-1028/371, 35-36=-1028/371, 7-36=-1028/371, 7-37=-1346/380, 8-37=-1539/356, 8-38=-1147/289, 9-38=-1199/281, 9-39=-13/612, 10-39=-20/581, 10-11=-28/555, 11-40=-296/203, 12-40=-361/164
BOT CHORD 2-41=-224/1723, 21-41=-224/1723, 21-42=-224/1723, 20-42=-224/1723, 19-20=-20/1192, 19-43=-20/1192, 18-43=-20/1192, 18-44=-75/1110, 17-44=-75/1110, 16-17=-278/98, 15-16=-278/98, 14-15=-143/293, 12-14=-143/293
WEBS 4-20=-732/285, 6-20=-106/803, 6-18=-302/79, 7-18=-61/507, 8-17=-848/184, 9-17=-186/1695, 9-15=-1729/357, 11-15=-784/242

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 3-8-11, Interior(1) 3-8-11 to 13-3-4, Exterior(2) 13-3-4 to 17-10-7, Interior(1) 17-10-7 to 20-8-12, Exterior(2) 20-8-12 to 25-3-15, Interior(1) 25-3-15 to 46-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=223, 15=356, 12=129.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

LOAD CASE(S) Standard

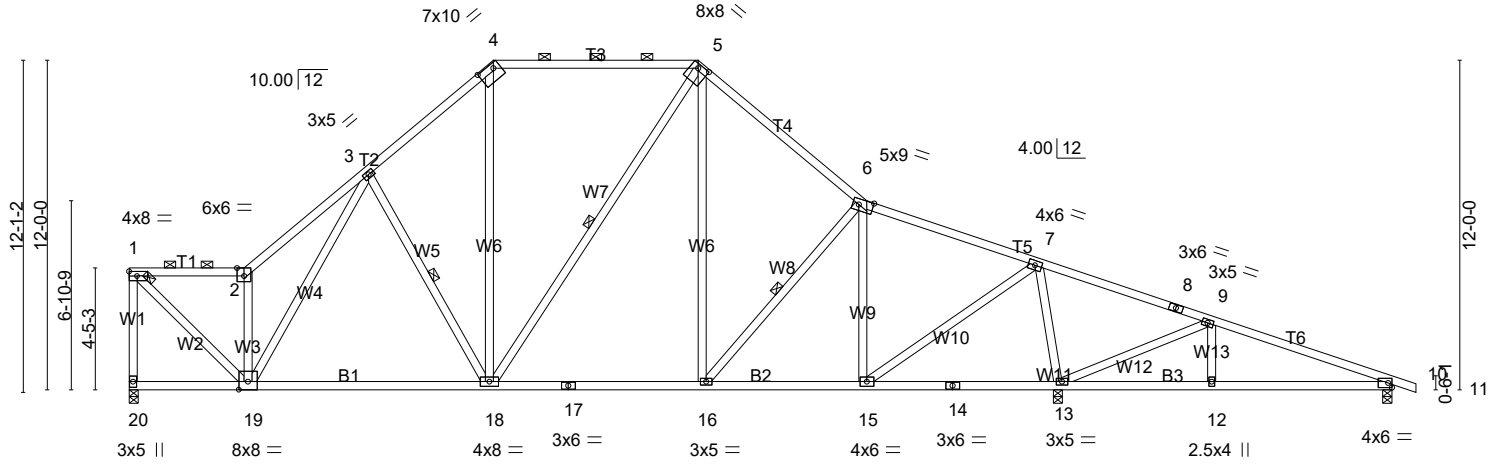
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T08	Piggyback Base	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:48 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-ML4k3Q6PSoeiikOEi1tE9t9OxZaa4eUMJDXfj5zjTrL

4-2-4	8-8-12	13-3-4	20-8-12	26-10-8	33-1-14	39-5-3	46-0-0	46-10-8
4-2-4	4-6-8	4-6-8	7-5-8	6-1-12	6-3-6	6-3-6	6-6-13	0-10-8

Scale = 1:83.9



4-2-4	13-3-4	20-8-12	26-10-8	33-10-0	39-5-3	46-0-0
4-2-4	9-1-0	7-5-8	6-1-12	6-11-8	5-7-3	6-6-13

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.89	Vert(LL)	-0.21	18-19	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.37	18-19	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.04	13	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 231 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2 *Except*
T3: 2x4 SP DSS, T4: 2x4 SPF 1650F 1.5E
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud *Except*
W4,W5,W6,W7,W8,W10: 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (3-2-2 max.): 1-2, 4-5.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-18, 5-18, 6-16

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

REACTIONS. (lb/size) 20=1279/0-4-0 (min. 0-2-6), 13=2094/0-4-0 (min. 0-3-5), 10=348/0-4-0 (min. 0-1-8)
Max Horz 20=-296(LC 12)
Max Uplift 20=-211(LC 14), 13=-366(LC 15), 10=-122(LC 11)
Max Grav 20=1532(LC 37), 13=2094(LC 1), 10=376(LC 45)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-20=-1504/273, 1-24=-1506/267, 2-24=-1506/267, 2-25=-1995/392, 3-25=-1914/411, 3-26=-1610/391, 4-26=-1453/404, 4-27=-1127/366, 27-28=-1127/366, 28-29=-1127/366, 29-30=-1127/366, 5-30=-1127/366, 5-31=-1294/373, 31-32=-1332/356, 6-32=-1517/349, 6-33=-1140/275, 7-33=-1191/267, 7-34=-46/597, 8-34=-53/563, 8-9=-61/537, 9-35=-289/184, 10-35=-354/145
BOT CHORD 19-20=-58/278, 19-36=-120/1449, 36-37=-120/1449, 18-37=-120/1449, 17-18=0/1042, 16-17=0/1042, 16-38=-48/1104, 15-38=-48/1104, 14-15=-257/120, 13-14=-257/120, 12-13=-125/287, 10-12=-125/287
WEBS 1-19=-305/2057, 2-19=-1460/351, 3-19=-80/348, 3-18=-611/259, 4-18=-96/671, 5-18=-77/273, 5-16=-66/344, 6-15=-825/191, 7-15=-196/1679, 7-13=-1697/366, 9-13=-782/244, 9-12=0/251

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 4-2-4, Interior(1) 4-2-4 to 13-3-4, Exterior(2) 13-3-4 to 17-10-7, Interior(1) 17-10-7 to 20-8-12, Exterior(2) 20-8-12 to 25-3-15, Interior(1) 25-3-15 to 46-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) The Fabrication Tolerance at joint 4 = 16%
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 20=211, 13=366, 10=122.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

Continued on page 2

NOTES-

11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

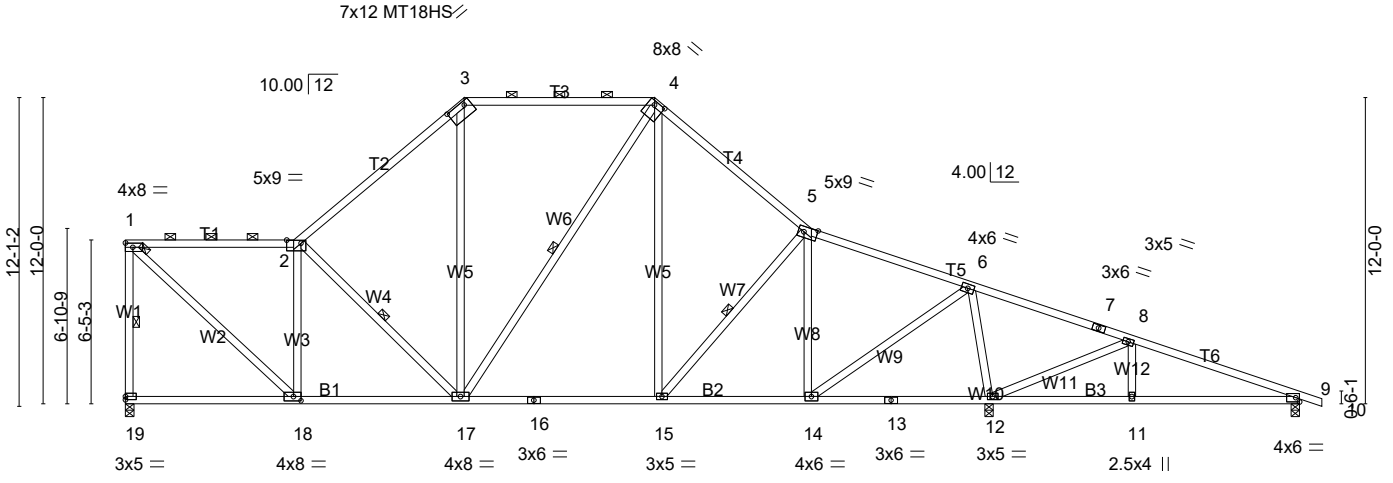
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T09	Piggyback Base	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:50 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-IkCUU57fzPvPy2YdqSviEIEkMMJdYY3fnX0mo_zjTrJ

6-7-1	13-3-4	20-8-12	26-10-8	33-1-14	39-5-3	46-0-0	46-10-8
6-7-1	6-8-3	7-5-8	6-1-12	6-3-6	6-3-6	6-6-13	0-10-8

Scale = 1:90.3



6-7-1	13-3-4	20-8-12	26-10-8	33-10-0	39-5-3	46-0-0
6-7-1	6-8-3	7-5-8	6-1-12	6-11-8	5-7-3	6-6-13

Plate Offsets (X,Y)-- [2:0-6-12,0-1-8], [3:0-8-14,0-1-14], [4:0-4-12,0-1-12], [5:0-6-4,0-2-8], [18:0-3-8,0-2-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.90	Vert(LL)	-0.16	15-17	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.59	Vert(CT)	-0.28	15-17	>999	180	MT18HS	197/144
TCDL	10.0	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.03	12	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 229 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD 2x4 SPF No.2 *Except*
T1,T2: 2x4 SPF 2100F 1.8E, T3: 2x4 SP DSS, T4: 2x4 SPF 1650F 1.5E
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W3,W8,W10,W11,W12: 2x4 SPF Stud

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (2-2-1 max.): 1-2, 3-4.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 1-19, 2-17, 4-17, 5-15

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

REACTIONS. (lb/size) 19=1280/0-4-0 (min. 0-2-9), 12=2090/0-4-0 (min. 0-3-4), 9=351/0-4-0 (min. 0-1-8)
Max Horz 19=-316(LC 12)
Max Uplift 19=-224(LC 14), 12=-365(LC 15), 9=-123(LC 11)
Max Grav 19=1621(LC 36), 12=2090(LC 1), 9=378(LC 45)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-19=-1557/316, 1-23=-1347/318, 23-24=-1347/318, 2-24=-1347/318, 2-25=-1572/345, 25-26=-1330/352, 3-26=-1298/370, 3-27=-1058/375, 27-28=-1058/375, 28-29=-1058/375, 29-30=-1058/375, 4-30=-1058/375, 4-31=-1249/375, 31-32=-1284/358, 5-32=-1483/350, 5-33=-1113/278, 6-33=-1170/270, 6-34=-44/584, 7-34=-51/528, 7-8=-59/497, 8-35=-295/152, 9-35=-360/137
BOT CHORD 19-36=-126/295, 18-36=-126/295, 18-37=-109/1423, 17-37=-109/1423, 16-17=0/1011, 15-16=0/1011, 15-38=-49/1082, 14-38=-49/1082, 11-12=-95/293, 9-11=-95/293
WEBS 1-18=-335/1803, 2-18=-1099/313, 2-17=-471/189, 3-17=-44/459, 4-17=-82/254, 4-15=-62/379, 5-14=-798/190, 6-14=-196/1609, 6-12=-1674/366, 8-12=-781/244

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 4-8-15, Interior(1) 4-8-15 to 13-3-4, Exterior(2) 13-3-4 to 17-10-7, Interior(1) 17-10-7 to 20-8-12, Exterior(2) 20-8-12 to 25-3-15, Interior(1) 25-3-15 to 46-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) The Fabrication Tolerance at joint 3 = 8%
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, with BCDL = 10.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 19=224 , 12=365, 9=123.
11) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T09	Piggyback Base	1	1	Job Reference (optional)

LOAD CASE(S) Standard

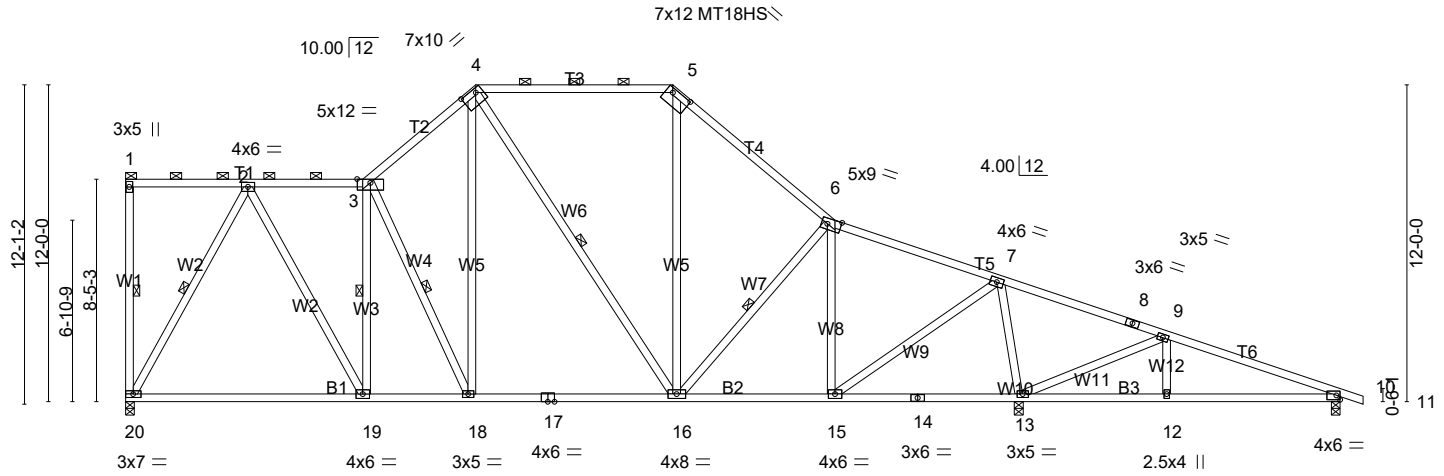
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T10	Piggyback Base	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:51 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-mwmsiR8Hkj1GZC6pO9QxnVnvNmbvH1Co?BmJKQzjTrI

4-7-11	8-11-13	13-3-4	20-8-12	26-10-8	33-1-14	39-5-3	46-0-0	46-10-8
4-7-11	4-4-3	4-3-7	7-5-8	6-1-12	6-3-6	6-3-6	6-6-13	0-10-8

Scale = 1:87.3



8-11-13	13-3-4	20-8-12	26-10-8	33-10-0	39-5-3	46-0-0
8-11-13	4-3-7	7-5-8	6-1-12	6-11-8	5-7-3	6-6-13

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

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.88	Vert(LL)	-0.31	19-20	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.84	Vert(CT)	-0.53	19-20	>761	180	MT18HS	197/144
TCDL	10.0	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.04	13	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 243 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD 2x4 SPF No.2 *Except*
T3: 2x4 SP DSS, T4: 2x4 SPF 1650F 1.5E
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W8,W10,W11,W12: 2x4 SPF Stud

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (3-1-0 max.): 1-3, 4-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 13-15.
WEBS 1 Row at midpt 1-20, 2-20, 3-19, 3-18, 4-16, 6-16

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

REACTIONS. (lb/size) 20=1286/0-4-0 (min. 0-2-13), 13=2070/0-4-0 (min. 0-3-4), 10=365/0-4-0 (min. 0-1-8)
Max Horz 20=-336(LC 12)
Max Uplift20=-242(LC 14), 13=-361(LC 15), 10=-121(LC 11)
Max Grav 20=1781(LC 36), 13=2070(LC 1), 10=390(LC 45)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-24=-1317/329, 3-24=-1317/329, 3-25=-1434/393, 25-26=-1400/394, 4-26=-1363/406, 4-27=-1002/362, 27-28=-1002/362, 28-29=-1002/362, 29-30=-1002/362, 5-30=-1002/362, 5-31=-1236/376, 31-32=-1286/359, 6-32=-1437/351, 6-33=-1096/280, 7-33=-1153/272, 7-34=-36/541, 8-34=-43/481, 8-9=-51/433, 9-35=-329/141, 10-35=-394/132
BOT CHORD 20-36=0/896, 36-37=0/896, 19-37=0/896, 18-19=-56/1375, 17-18=0/1142, 17-38=0/1142, 16-38=0/1142, 16-39=-51/1072, 15-39=-51/1072, 12-13=-71/324, 10-12=-71/324
WEBS 2-20=-1698/338, 2-19=-163/1092, 3-19=-771/239, 3-18=-539/186, 4-18=-101/661, 5-16=-35/418, 6-15=-751/188, 7-15=-195/1517, 7-13=-1655/365, 9-13=-777/244

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 4-7-11, Interior(1) 4-7-11 to 13-3-4, Exterior(2) 13-3-4 to 17-10-7, Interior(1) 17-10-7 to 20-8-12, Exterior(2) 20-8-12 to 25-3-15, Interior(1) 25-3-15 to 46-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 20=242, 13=361, 10=121.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

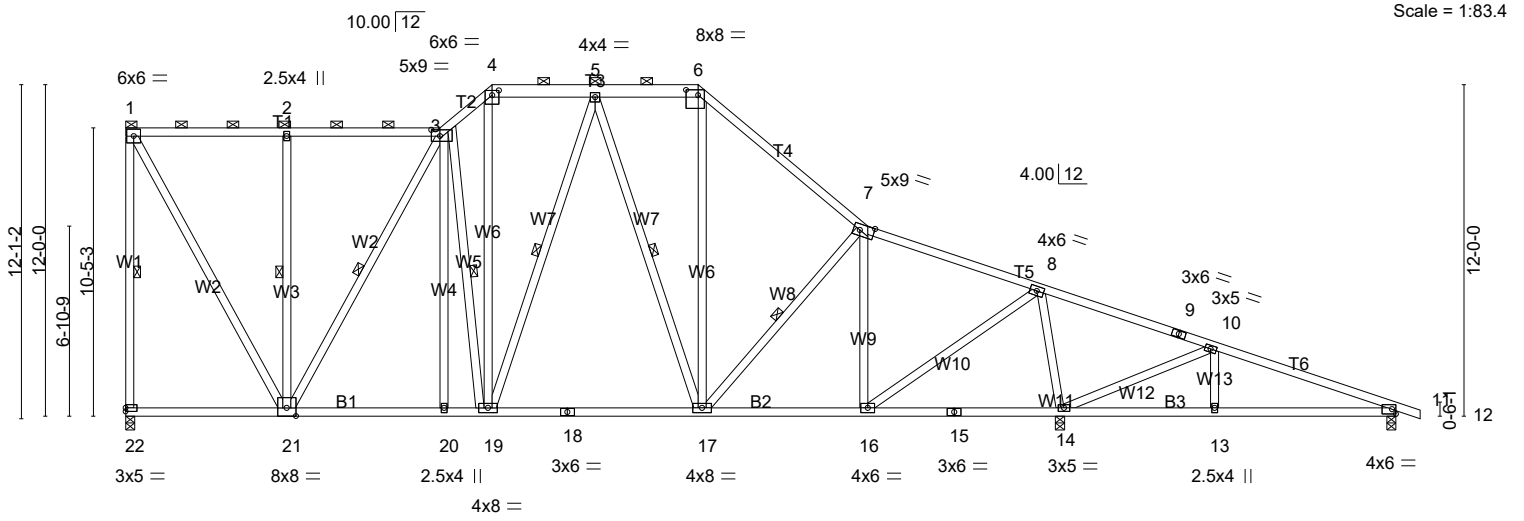
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T11	Piggyback Base	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:52 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-E6KFvn9wV197BMh0xtxAKjJ4KAzs0UMyErVtsszjTrH

5-10-1	11-4-10	13-3-4	17-0-0	20-8-12	26-10-8	33-1-14	39-5-3	46-0-0	46-10-8
5-10-1	5-6-9	1-10-10	3-8-12	3-8-12	6-1-12	6-3-6	6-3-6	6-6-13	0-10-8

Scale = 1:83.4



5-10-1	11-4-10	13-3-4	20-8-12	26-10-8	33-10-0	39-5-3	46-0-0
5-10-1	5-6-9	1-10-10	7-5-8	6-1-12	6-11-8	5-7-3	6-6-13

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.87	Vert(LL)	-0.17	17-19	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.67	Vert(CT)	-0.29	17-19	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.04	14	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 279 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2 *Except*
T3: 2x6 SPF 1650F 1.5E, T4: 2x4 SPF 1650F 1.5E
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W1: 2x4 SPF 1650F 1.5E, W9,W11,W12,W13: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-15 oc purlins, except end verticals, and 2-0-0 oc purlins (5-0-6 max.): 1-3, 4-6.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 1-22, 2-21, 3-21, 3-19, 5-19, 5-17, 7-17

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

REACTIONS. (lb/size) 22=1282/0-4-0 (min. 0-3-0), 14=2083/0-4-0 (min. 0-3-4), 11=356/0-4-0 (min. 0-1-8)
Max Horz 22=-356(LC 12)
Max Uplift 22=-296(LC 10), 14=-361(LC 15), 11=-120(LC 11)
Max Grav 22=1914(LC 37), 14=2083(LC 1), 11=384(LC 46)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-22=-1862/351, 1-26=-914/283, 26-27=-914/283, 2-27=-914/283, 2-3=-914/283, 3-4=-1547/435, 4-28=-1174/359, 28-29=-1175/358, 5-29=-1177/358, 5-30=-1055/354, 30-31=-1054/354, 6-31=-1054/354, 6-32=-1329/368, 32-33=-1343/351, 7-33=-1397/344, 7-34=-1078/273, 8-34=-1112/265, 8-35=-41/569, 9-35=-48/521, 9-10=-56/495, 10-36=-310/150, 11-36=-376/129
BOT CHORD 22-37=-276/366, 21-37=-276/366, 21-38=0/1331, 20-38=0/1331, 19-20=0/1332, 19-39=0/1213, 18-39=0/1213, 18-40=0/1213, 17-40=0/1213, 17-41=-45/1040, 16-41=-45/1040, 13-14=-93/307, 11-13=-93/307
WEBS 1-21=-321/1825, 2-21=-774/209, 3-21=-802/197, 3-19=-594/224, 4-19=-194/782, 5-17=-483/125, 6-17=-94/601, 7-16=-749/187, 8-16=-192/1542, 8-14=-1668/363, 10-14=-780/244

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 4-8-15, Interior(1) 4-8-15 to 13-3-4, Exterior(2) 13-3-4 to 17-10-7, Interior(1) 17-10-7 to 20-8-12, Exterior(2) 20-8-12 to 25-3-15, Interior(1) 25-3-15 to 46-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 22=296, 14=361, 11=120.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T11	Piggyback Base	1	1	Job Reference (optional)

LOAD CASE(S) Standard

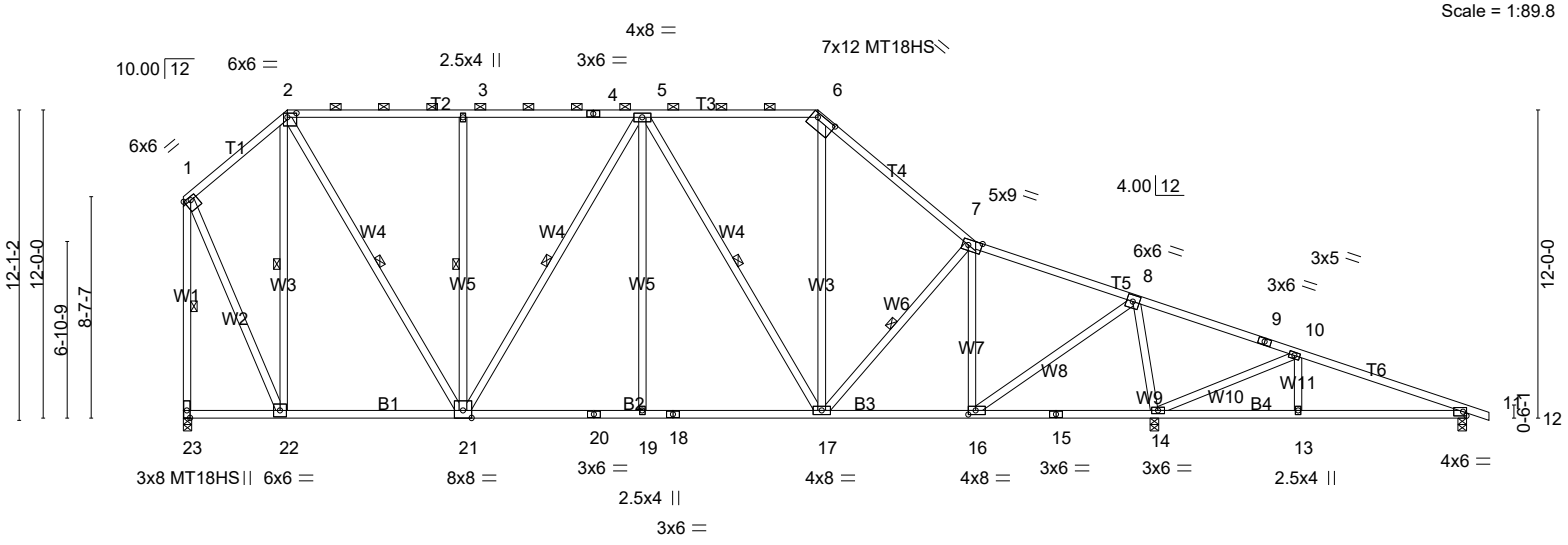
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T12	Piggyback Base	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:53 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-jJud679YGKH_pWGCVaSPswsD6aITlvk5TVFQOIzjTrG

4-0-11	10-10-13	17-10-11	24-8-12	30-10-8	37-1-14	43-5-3	50-0-0	50-10-8
4-0-11	6-10-2	6-11-14	6-10-2	6-1-12	6-3-6	6-3-6	6-6-13	0-10-8

Scale = 1:89.8



4-0-11	10-10-13	17-10-11	24-8-12	30-10-8	37-10-0	43-5-3	50-0-0
4-0-11	6-10-2	6-11-14	6-10-2	6-1-12	6-11-8	5-7-3	6-6-13

Plate Offsets (X,Y)-- [1:0-3-0,0-1-8], [2:0-4-4,0-2-0], [6:0-8-14,0-1-14], [7:0-6-4,0-2-8], [16:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.99	Vert(LL)	-0.16	17-19	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.71	Vert(CT)	-0.26	17-19	>999	180	MT18HS	197/144
TCDL	10.0	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.05	14	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 277 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2 *Except*
T2,T4: 2x4 SPF 1650F 1.5E
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W7,W9,W10,W11: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (2-2-0 max.): 2-6.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 2-22, 2-21, 3-21, 5-21, 5-17, 7-17, 1-23

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

REACTIONS. (lb/size) 23=1441/0-4-0 (min. 0-3-2), 14=2269/0-4-0 (min. 0-3-9), 11=331/0-4-0 (min. 0-1-8)
Max Horz 23=-339(LC 12)
Max Uplift 23=-244(LC 10), 14=-381(LC 15), 11=-111(LC 11)
Max Grav 23=1979(LC 34), 14=2269(LC 1), 11=367(LC 41)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-901/316, 2-27=-1442/384, 27-28=-1442/384, 3-28=-1442/384, 3-29=-1442/384, 29-30=-1442/384, 4-30=-1442/384, 4-5=-1442/384, 5-31=-1308/387, 6-31=-1308/387, 6-32=-1658/412, 7-32=-1761/385, 7-33=-1329/302, 8-33=-1364/294, 8-34=-58/669, 9-34=-66/618, 9-10=-73/612, 11-35=-333/207, 1-23=-1955/338
BOT CHORD 22-23=-213/319, 22-36=0/745, 21-36=0/745, 21-37=-21/1718, 20-37=-21/1718, 19-20=-21/1718, 18-19=-21/1718, 18-38=-21/1718, 17-38=-21/1718, 17-39=-71/1244, 16-39=-71/1244, 15-16=-296/118, 14-15=-296/118, 13-14=-183/268, 11-13=-183/268
WEBS 2-22=-1279/273, 2-21=-283/1580, 3-21=-845/229, 5-21=-488/119, 5-19=0/404, 5-17=-743/155, 6-17=-100/715, 7-16=-952/212, 8-16=-231/1900, 8-14=-1932/397, 10-14=-803/244, 10-13=0/251, 1-22=-216/1532

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 9-0-11, Interior(1) 9-0-11 to 24-8-12, Exterior(2) 24-8-12 to 29-8-12, Interior(1) 29-8-12 to 50-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) The Fabrication Tolerance at joint 6 = 0%
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, with BCDL = 10.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 23=244 , 14=381, 11=111.
11) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

Continued on page 2

NOTES-

12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T13	Piggyback Base	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:54 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-BVS?KTAA1ePrQfrO3IzeP8PPCzhtUN4Fi9__xlzjTrF

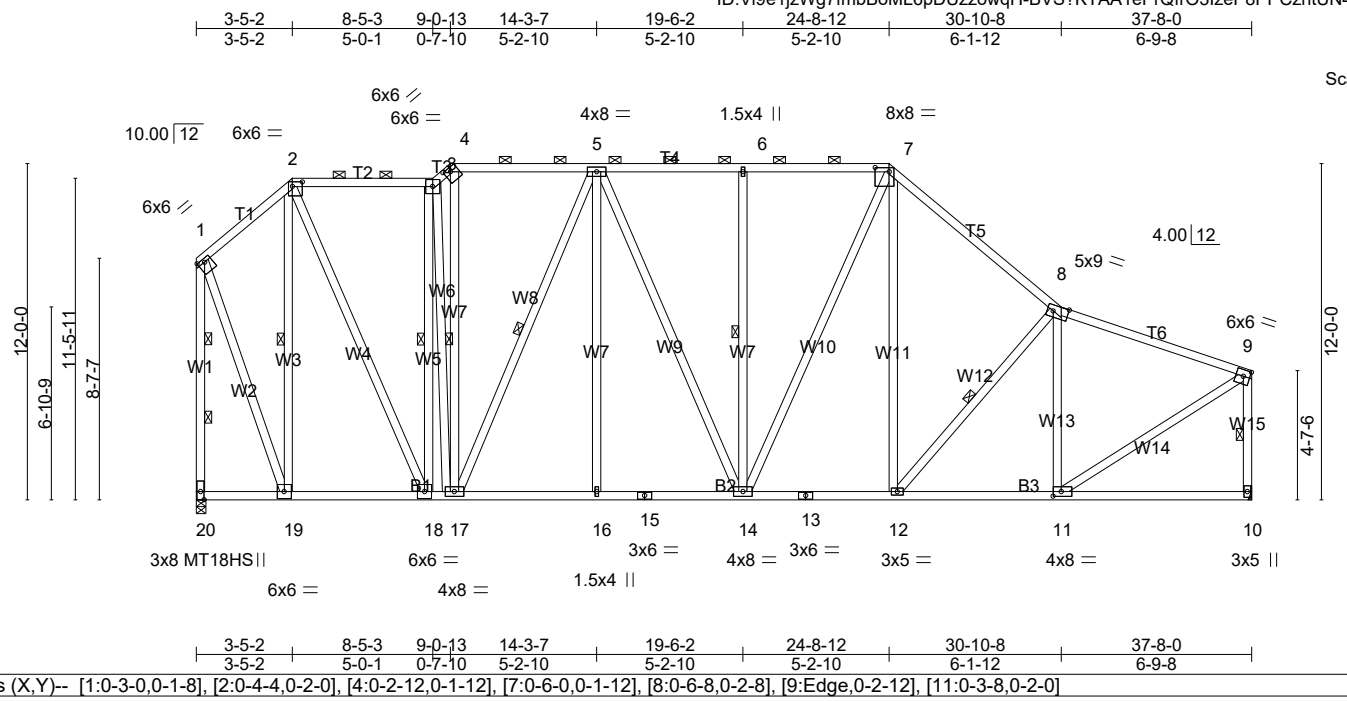


Plate Offsets (X,Y)-- [1:0-3-0,0-1-8], [2:0-4-4,0-2-0], [4:0-2-12,0-1-12], [7:0-6-0,0-1-12], [8:0-6-8,0-2-8], [9:Edge,0-2-12], [11:0-3-8,0-2-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.90	Vert(LL)	-0.14	16-17	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.57	Vert(CT)	-0.23	16-17	>999	180	MT18HS	197/144
TCDL	10.0	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.06	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 286 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2 *Except* T5,T6: 2x4 SPF 1650F 1.5E
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except* W13,W15: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (3-8-6 max.): 2-3, 4-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-19, 3-18, 5-17, 6-14, 8-12, 9-10, 3-17
2 Rows at 1/3 pts 1-20

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

REACTIONS. (lb/size) 20=1495/0-4-0 (min. 0-3-4), 10=1495/Mechanical
Max Horz 20=-314(LC 12)
Max Uplift 20=-253(LC 10), 10=-230(LC 15)
Max Grav 20=2057(LC 37), 10=1638(LC 55)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-21=-826/291, 2-21=-771/307, 2-22=-1267/345, 22-23=-1267/345, 3-23=-1267/345, 3-4=-1632/434, 4-24=-1299/362, 24-25=-1299/362, 5-25=-1299/362, 5-6=-1715/414, 6-26=-1715/414, 26-27=-1715/414, 7-27=-1715/414, 7-28=-1868/415, 28-29=-1871/397, 29-30=-1878/395, 8-30=-1922/388, 8-31=-1609/299, 31-32=-1613/292, 9-32=-1647/290, 1-20=-2026/349, 9-10=-1578/341
BOT CHORD 19-20=-259/300, 19-33=-103/649, 18-33=-103/649, 17-18=-170/1285, 17-34=-196/1669, 16-34=-196/1669, 15-16=-196/1669, 15-35=-196/1669, 14-35=-196/1669, 14-36=-152/1428, 13-36=-152/1428, 12-13=-152/1428, 12-37=-244/1507, 11-37=-244/1507
WEBS 2-19=-1451/280, 2-18=-276/1701, 3-18=-1368/262, 4-17=-182/740, 5-17=-934/190, 5-16=0/304, 6-14=-644/175, 7-14=-155/704, 7-12=-76/462, 8-12=-358/187, 8-11=-822/237, 1-19=-229/1623, 9-11=-276/1794

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 7-2-5, Interior(1) 7-2-5 to 9-0-13, Exterior(2) 9-0-13 to 12-10-0, Interior(1) 12-10-0 to 24-8-12, Exterior(2) 24-8-12 to 28-5-15, Interior(1) 28-5-15 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 20=253, 10=230.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

Continued on page 2

NOTES-

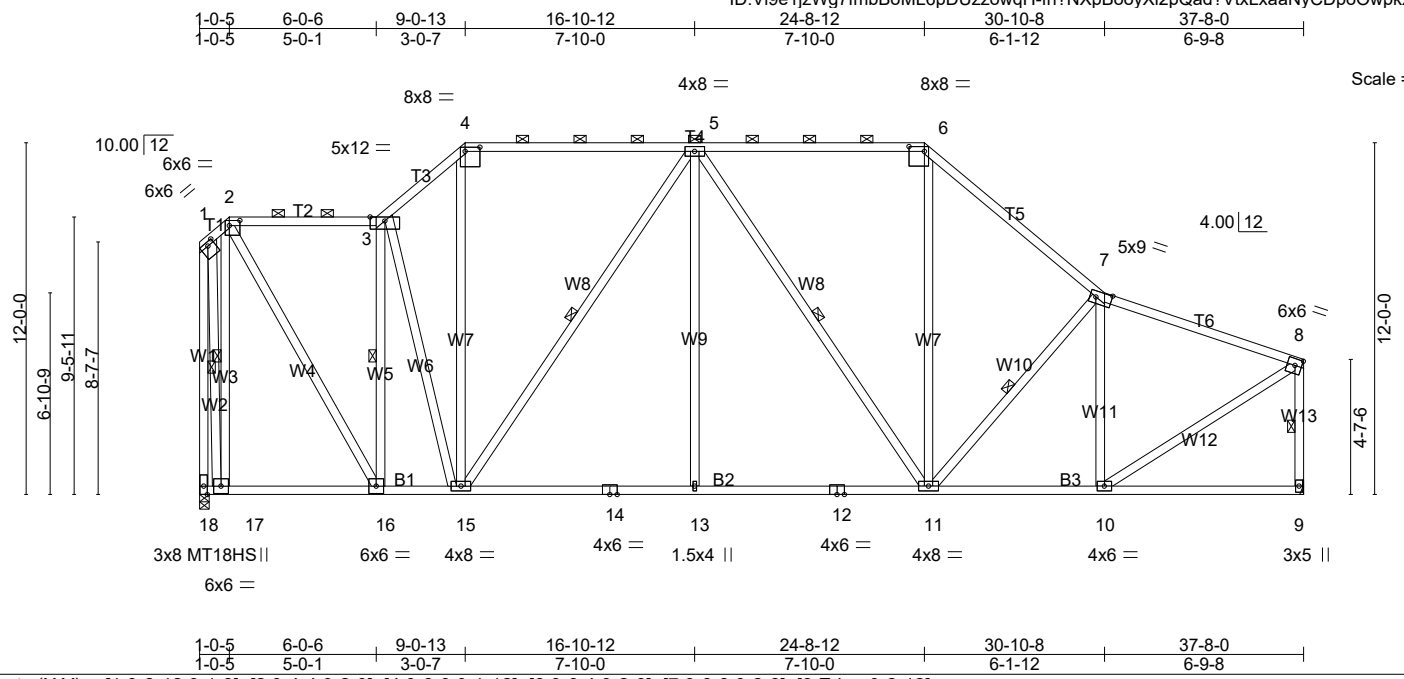
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T14	Piggyback Base	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:55 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-fh?NXpBooyXi2pQad?VtxLxaaNyCDpoOwpkXTBzjTrE



1-0-5 6-0-6 9-0-13 16-10-12 24-8-12 30-10-8 37-8-0
1-0-5 5-0-1 3-0-7 7-10-0 7-10-0 6-1-12 6-9-8

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

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.93	Vert(LL)	-0.21	13-15	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.88	Vert(CT)	-0.35	13-15	>999	180	MT18HS	197/144
TCDL	10.0	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.07	9	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 253 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD 2x4 SPF No.2 *Except*
T4: 2x4 SPF 2100F 1.8E, T5,T6: 2x4 SPF 1650F 1.5E
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W11,W13: 2x4 SPF Stud

BRACING-

TOP CHORD Structural wood sheathing directly applied or 1-7-8 oc purlins, except end verticals, and 2-0-0 oc purlins (2-2-0 max.): 2-3, 4-6.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-17, 3-16, 5-15, 5-11, 7-11, 1-18, 8-9

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

REACTIONS. (lb/size) 18=1495/0-4-0 (min. 0-3-4), 9=1495/Mechanical
Max Horz 18=-314(LC 12)
Max Uplift 18=-264(LC 10), 9=-230(LC 15)
Max Grav 18=2084(LC 37), 9=1602(LC 55)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-374/287, 2-19=-1165/307, 3-19=-1165/307, 3-20=-1608/405, 4-20=-1552/414, 4-21=-1221/362, 21-22=-1221/362, 5-22=-1221/362, 5-23=-1402/387, 23-24=-1402/387, 6-24=-1402/387, 6-25=-1784/414, 25-26=-1835/395, 26-27=-1837/393, 7-27=-1886/387, 7-28=-1567/301, 28-29=-1571/293, 8-29=-1605/291, 1-18=-1860/378, 8-9=-1540/342
BOT CHORD 17-18=-253/299, 17-30=-154/313, 16-30=-154/313, 15-16=-173/1168, 15-31=-195/1733, 14-31=-195/1733, 13-14=-195/1733, 12-13=-195/1733, 12-32=-195/1733, 11-32=-195/1733, 11-33=-245/1468, 10-33=-245/1468
WEBS 2-17=-1955/395, 2-16=-323/1980, 3-16=-1606/309, 3-15=-58/316, 4-15=-122/651, 5-15=-937/200, 5-13=0/484, 5-11=-627/146, 6-11=-80/766, 7-11=-345/190, 7-10=-809/233, 1-17=-219/1673, 8-10=-278/1745

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 4-9-8, Interior(1) 4-9-8 to 9-0-13, Exterior(2) 9-0-13 to 12-10-0, Interior(1) 12-10-0 to 24-8-12, Exterior(2) 24-8-12 to 28-5-15, Interior(1) 28-5-15 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) The Fabrication Tolerance at joint 6 = 8%
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=264 , 9=230.
11) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T14	Piggyback Base	1	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T15	Piggyback Base	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:56 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-7uZll9CQZFfZgz?nAj06UZUlfnKOyG2X9TT4?dzjTrD

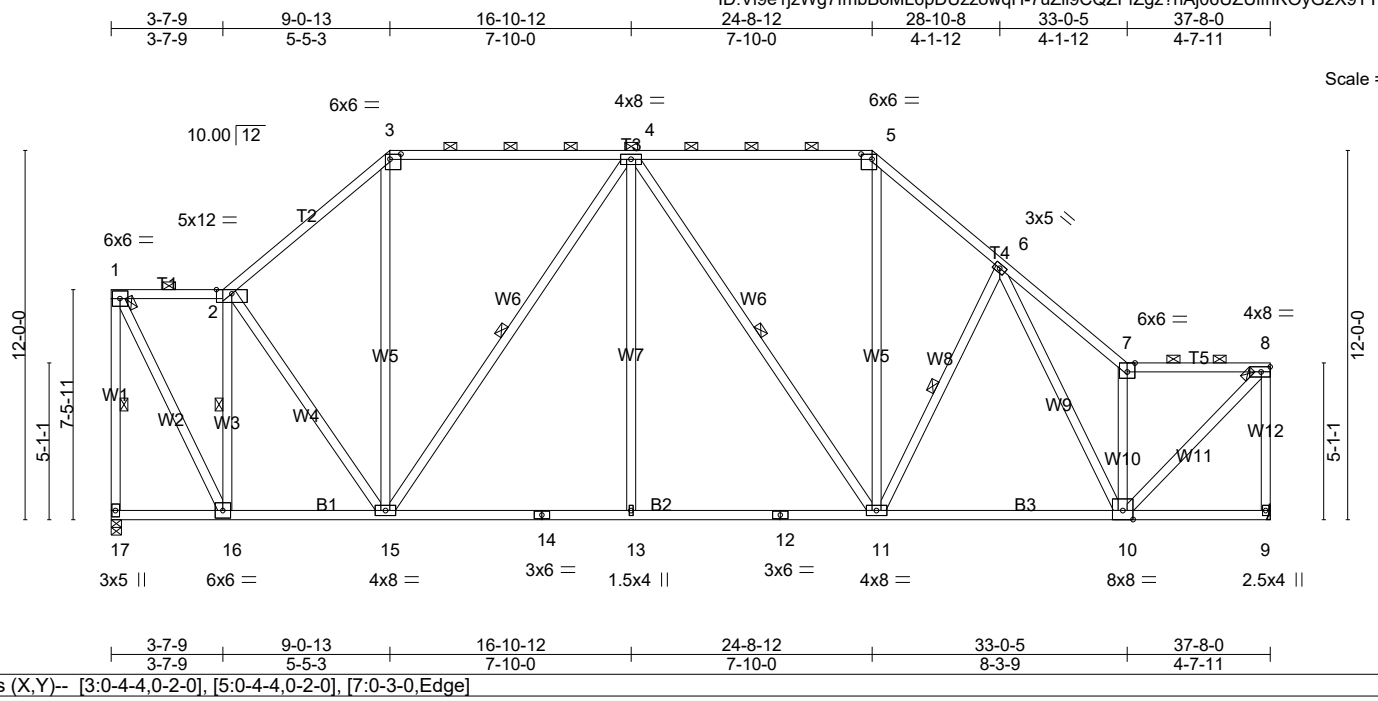


Plate Offsets (X,Y)-- [3:0-4-4,0-2-0], [5:0-4-4,0-2-0], [7:0-3-0,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.91	Vert(LL)	-0.18	10-11	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.76	Vert(CT)	-0.31	10-11	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.06	9	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 233 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W1,W12,W10,W11: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-4 oc purlins, except end verticals, and 2-0-0 oc purlins (4-5-11 max.): 1-2, 3-5, 7-8.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-17, 2-16, 4-15, 4-11, 6-11

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

REACTIONS. (lb/size) 17=1495/0-4-0 (min. 0-2-8), 9=1495/Mechanical
Max Horz 17=-294(LC 10)
Max Uplift 17=-218(LC 8), 9=-232(LC 13)
Max Grav 17=1574(LC 2), 9=1551(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-17=-1539/336, 1-2=-800/247, 2-18=-1346/351, 3-18=-1263/372, 3-19=-999/360, 4-19=-999/360, 4-20=-1233/375, 5-20=-1233/375, 5-21=-1653/431, 6-21=-1665/408, 6-7=-1867/422, 7-22=-1418/280, 8-22=-1418/280, 8-9=-1530/318
BOT CHORD 16-17=-270/280, 16-23=-248/832, 15-23=-248/832, 15-24=-241/1352, 14-24=-241/1352, 13-14=-241/1352, 12-13=-241/1352, 12-25=-241/1352, 11-25=-241/1352, 11-26=-244/1297, 26-27=-244/1297, 10-27=-244/1297
WEBS 1-16=-335/1637, 2-16=-1344/354, 2-15=-89/404, 3-15=-56/513, 4-15=-729/207, 4-13=0/461, 4-11=-334/172, 5-11=-120/765, 6-11=-375/239, 7-10=-1353/359, 8-10=-350/1972

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-7-9, Interior(1) 3-7-9 to 9-0-13, Exterior(2) 9-0-13 to 12-10-0, Interior(1) 12-10-0 to 24-8-12, Exterior(2) 24-8-12 to 28-5-15, Interior(1) 28-5-15 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
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 = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 17=218, 9=232.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

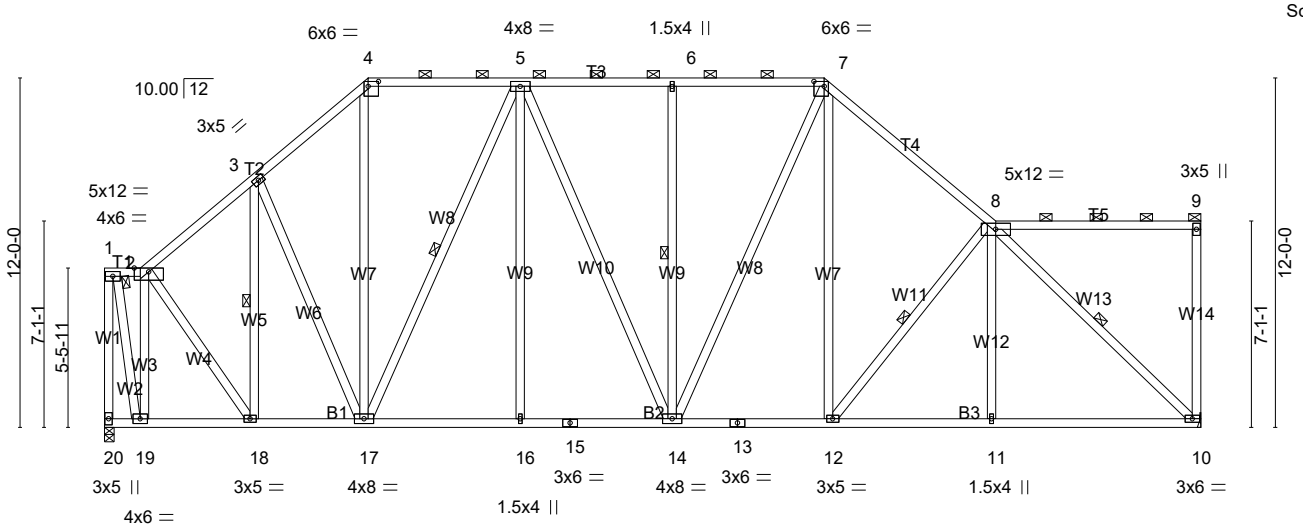
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T16	Piggyback Base	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:57 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-b478yUD2KZnQH7azkQXL0m1u0BjUhjNhO7DeY4zjTrC

1-2-13 5-1-13 9-0-13 14-3-7 19-6-2 24-8-12 30-7-8 37-8-0
1-2-13 3-11-0 3-11-0 5-2-10 5-2-10 5-2-10 5-10-12 7-0-8

Scale = 1:79.2



1-2-13 5-1-13 9-0-13 14-3-7 19-6-2 24-8-12 30-7-8 37-8-0
1-2-13 3-11-0 3-11-0 5-2-10 5-2-10 5-2-10 5-10-12 7-0-8

Plate Offsets (X,Y)-- [4:0-4-4,0-2-0], [7:0-4-4,0-2-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	1.00	Vert(LL)	-0.10	12-14	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.57	Vert(CT)	-0.18	10-11	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 265 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W1,W14,W2,W3,W4,W12: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-8 oc purlins, except end verticals, and 2-0-0 oc purlins (4-11-10 max.): 1-2, 4-7, 8-9.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 3-18, 5-17, 6-14, 8-12, 8-10

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

REACTIONS. (lb/size) 20=1495/0-4-0 (min. 0-2-6), 10=1495/Mechanical
Max Horz 20=289(LC 9)
Max Uplift 20=-199(LC 12), 10=-246(LC 13)
Max Grav 20=1508(LC 2), 10=1587(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-20=-1440/272, 1-2=-359/135, 2-3=-1122/288, 3-4=-1311/397, 4-21=-963/350, 5-21=-963/350, 5-6=-1297/405, 6-22=-1297/405, 7-22=-1297/405, 7-23=-1532/413, 8-23=-1630/393
BOT CHORD 19-20=-287/261, 18-19=-256/446, 17-18=-274/905, 17-25=-271/1227, 16-25=-271/1227, 15-16=-271/1227, 15-26=-271/1227, 14-26=-271/1227, 14-27=-223/1171, 13-27=-223/1171, 12-13=-223/1171, 12-28=-277/1386, 11-28=-277/1386, 11-29=-279/1380, 10-29=-279/1380
WEBS 1-19=-271/1398, 2-19=-1401/333, 2-18=-142/836, 3-18=-584/153, 3-17=-88/304, 4-17=-135/589, 5-17=-783/207, 5-16=0/305, 6-14=-318/174, 7-14=-164/339, 7-12=-70/497, 8-12=-414/175, 8-11=0/329, 8-10=-1913/368

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 1-2-13, Interior(1) 1-2-13 to 9-0-13, Exterior(2) 9-0-13 to 12-10-0, Interior(1) 12-10-0 to 24-8-12, Exterior(2) 24-8-12 to 28-5-15, Interior(1) 28-5-15 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
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 = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 20=199, 10=246.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T17	Roof Special	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:57 2020 Page 1
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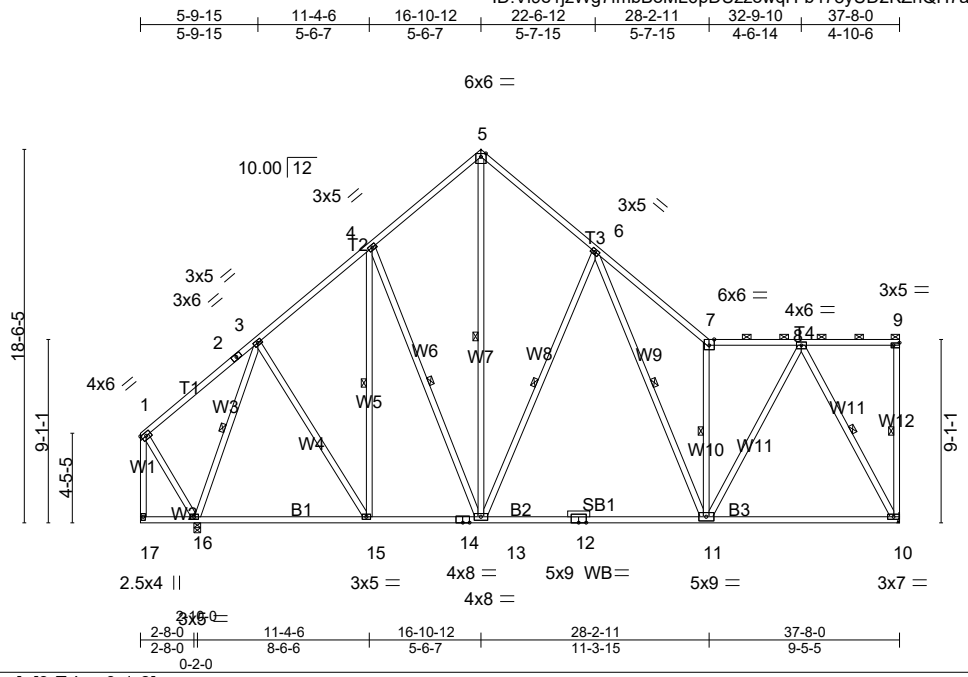


Plate Offsets (X,Y)-- [7:0-3-0,Edge], [9:Edge,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.46	Vert(LL)	-0.56	11-13	>748	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.95	Vert(CT)	-0.88	11-13	>472	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.04	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 256 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2
BOT CHORD	2x4 SPF No.2 *Except* B3: 2x4 SPF 1650F 1.5E
WEBS	2x4 SPF No.2 *Except* W1,W2: 2x4 SPF Stud
OTHERS	2x4 SPF No.2 T

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-11-6 oc purlins, except end verticals, and 2-0-0 oc purlins (4-11-3 max.): 7-9.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 9-10, 3-16, 4-15, 4-13, 5-13, 6-13, 6-11, 7-11, 8-10

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

REACTIONS. (lb/size) 10=1382/Mechanical, 16=1608/0-4-0 (min. 0-2-15)
Max Horz 16=436(LC 9)
Max Uplift 10=-271(LC 13), 16=-243(LC 12)
Max Grav 10=1638(LC 19), 16=1876(LC 20)

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

TOP CHORD	3-4=-1185/337, 4-19=-1182/419, 5-19=-1090/439, 5-20=-1119/434, 6-20=-1218/407, 6-7=-1848/481, 7-8=-1388/301
BOT CHORD	16-22=-306/688, 22-23=-306/688, 15-23=-306/688, 15-24=-199/928, 14-24=-199/928, 13-14=-199/928, 13-25=-209/1084, 12-25=-209/1084, 12-26=-209/1084, 11-26=-209/1084, 11-27=-168/764, 27-28=-168/764, 10-28=-168/764
WEBS	3-16=-1619/320, 3-15=-3/613, 4-15=-290/76, 4-13=-272/307, 5-13=-403/1114, 6-13=-808/364, 6-11=-211/827, 7-11=-1360/415, 8-11=-149/1296, 8-10=-1601/322

NOTES-

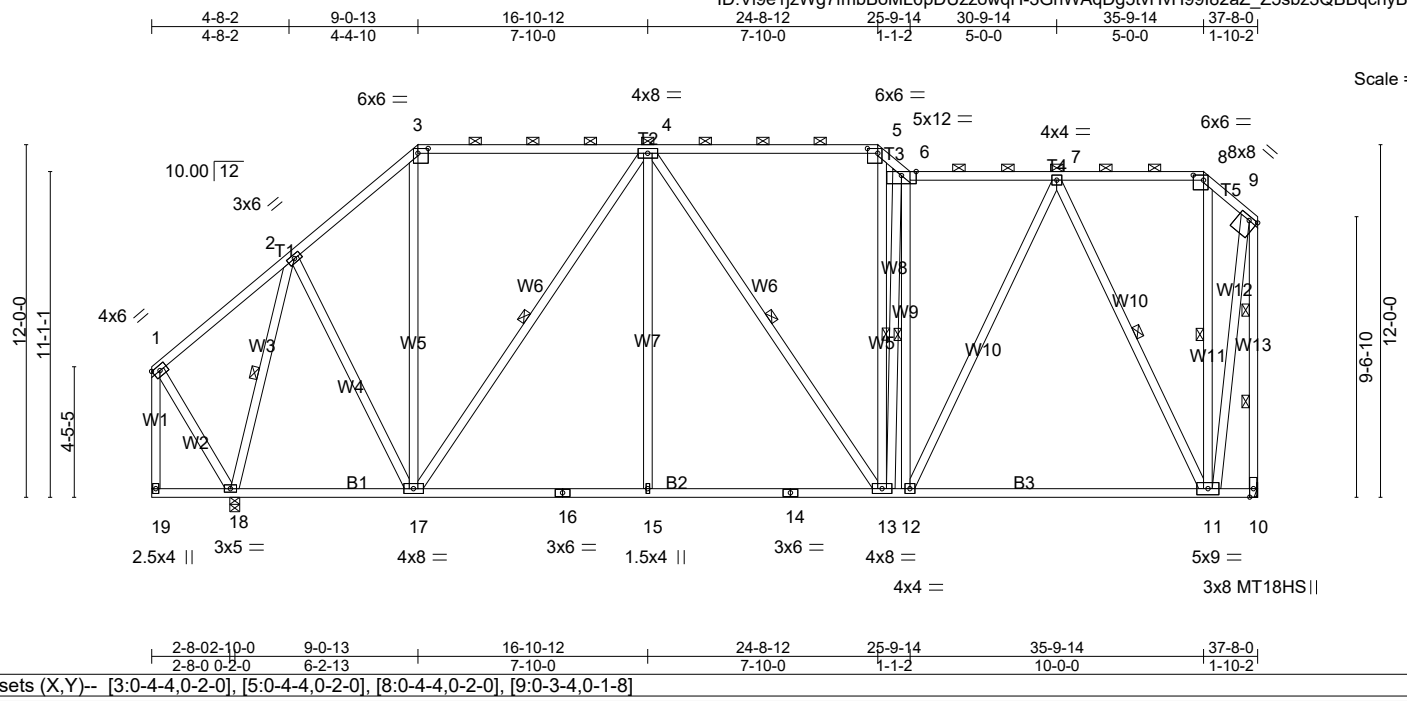
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-10-15, Interior(1) 3-10-15 to 16-10-12, Exterior(2) 16-10-12 to 20-8-0 , Interior(1) 20-8-0 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
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 = 10.0psf.
6) Lumber designated with a "T" is fire-retardant treated. Lumber and plate values have been reduced for fire-retardant treated lumber. Treatment chemicals shall be Hickson Dricon, Hoover Pyro-Guard, or CSI/D-Blaze. Lumber shall be redried after treating to 19% moisture content prior to fabrication. Lumber and trusses shall be protected from weather and moisture during storage, transportation, fabrication, and erection. Adequate roof ventilation required.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=271, 16=243.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T18	Piggyback Base	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:58 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-3GhWAqDg5tvHvH99I82aZ_Z5sbz3QBBqcnyB4WzjTrB



2-8-02-10-0	9-0-13	16-10-12	24-8-12	25-9-14	35-9-14	37-8-0
2-8-0 0-2-0	6-2-13	7-10-0	7-10-0	1-1-2	10-0-0	1-10-2

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

LOADING (psf)
TCLL 20.0
(Roof Snow=20.0)
TCDL 10.0
BCLL 0.0 *
BCDL 10.0

SPACING- 2-0-0
Plate Grip DOL 1.15
Lumber DOL 1.15
Rep Stress Incr YES
Code IBC2015/TPI2014

CSI.
TC 0.86
BC 0.93
WB 0.81
Matrix-MS

DEFL.	in	(loc)	l/defl	L/d
Vert(LL)	-0.36	11-12	>999	240
Vert(CT)	-0.60	11-12	>697	180
Horz(CT)	0.05	10	n/a	n/a

PLATES	**GRIP**
MT20	197/144
MT18HS	197/144

Weight: 274 lb FT = 20%

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W1,W2: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-10 oc purlins, except end verticals, and 2-0-0 oc purlins (4-11-7 max.): 3-5, 6-8.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
2-2-0 oc bracing: 12-13,11-12.
WEBS 1 Row at midpt 2-18, 4-17, 4-13, 6-13, 6-12, 7-11, 8-11
2 Rows at 1/3 pts 9-10

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

REACTIONS. (lb/size) 18=1609/0-4-0 (min. 0-2-11), 10=1381/Mechanical
Max Horz 18=316(LC 9)
Max Uplift18=-207(LC 12), 10=-292(LC 9)
Max Grav 18=1721(LC 22), 10=1498(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-985/288, 3-21=-967/309, 3-22=-715/287, 4-22=-715/287, 4-23=-1070/367, 5-23=-1070/367, 5-6=-1345/433, 6-7=-1140/349, 7-24=-330/211, 8-24=-330/211, 8-9=-483/295, 9-10=-1679/290
BOT CHORD 18-25=-267/452, 25-26=-267/452, 17-26=-267/452, 17-27=-321/1154, 16-27=-321/1154, 15-16=-321/1154, 14-15=-321/1154, 14-28=-321/1154, 13-28=-321/1154, 12-13=-262/1129, 12-29=-203/759, 29-30=-203/759, 11-30=-203/759
WEBS 2-18=-1531/330, 2-17=-110/772, 3-17=-44/321, 4-17=-895/218, 4-15=0/470, 5-13=-144/616, 6-13=-650/125, 6-12=-434/237, 7-12=-146/869, 7-11=-1206/346, 9-11=-221/1459

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-10-15, Interior(1) 3-10-15 to 9-0-13, Exterior(2) 9-0-13 to 12-10-0, Interior(1) 12-10-0 to 24-8-12, Exterior(2) 24-8-12 to 25-9-14, Interior(1) 25-9-14 to 35-9-14, Exterior(2) 35-9-14 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=207, 10=292.
9) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T19	Piggyback Base	3	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:38:59 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-XTFuNAEJsA18XRkMsrZp6B6EV_Oe9aR_rRikcyzjTrA

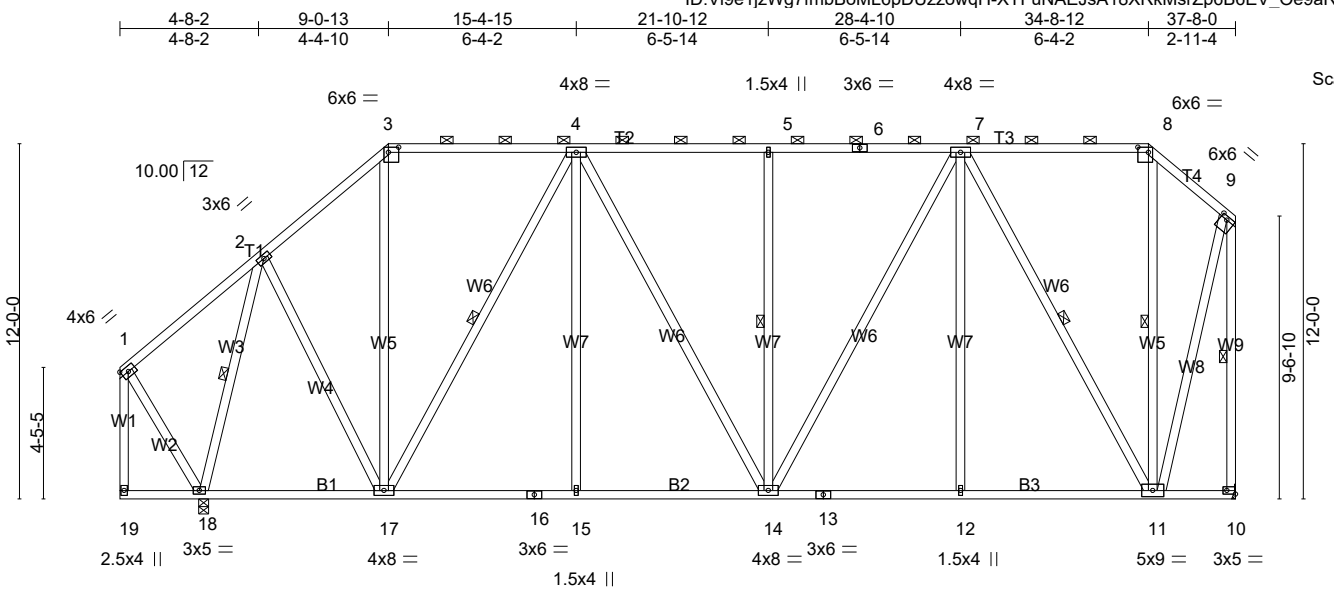


Plate Offsets (X,Y)-- [3:0-4-4,0-2-0], [8:0-4-4,0-2-0], [9:0-2-12,0-1-8], [10:Edge,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	1.00	Vert(LL)	-0.09	14-15	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.53	Vert(CT)	-0.16	14-15	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	1.00	Horz(CT)	0.05	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS								
BCDL	10.0										Weight: 265 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.2 *Except*
W1,W2: 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-1 oc purlins, except end verticals, and 2-0-0 oc purlins (5-2-5 max.): 3-8.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-18, 4-17, 5-14, 7-11, 8-11, 9-10

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

REACTIONS. (lb/size) 18=1609/0-4-0 (min. 0-2-12), 10=1381/Mechanical
Max Horz 18=316(LC 9)
Max Uplift 18=-213(LC 9), 10=-282(LC 9)
Max Grav 18=1748(LC 22), 10=1497(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-971/315, 3-21=-702/290, 4-21=-702/290, 4-5=-1187/380, 5-6=-1187/380, 6-7=-1187/380, 7-22=-413/256, 8-22=-413/256, 8-9=-576/309, 9-10=-1498/322
BOT CHORD 18-23=-270/452, 23-24=-270/452, 17-24=-270/452, 17-25=-325/1088, 16-25=-325/1088, 15-16=-325/1088, 15-26=-325/1088, 14-26=-325/1088, 13-14=-237/927, 13-27=-237/927, 12-27=-237/927, 12-28=-237/927, 11-28=-237/927
WEBS 2-18=-1549/338, 2-17=-126/763, 3-17=-63/337, 4-17=-906/251, 4-15=0/370, 5-14=-375/192, 7-14=-155/462, 7-12=0/383, 7-11=-1228/312, 9-11=-254/1212

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-10-15, Interior(1) 3-10-15 to 9-0-13, Exterior(2) 9-0-13 to 14-4-12, Interior(1) 14-4-12 to 34-8-12, Exterior(2) 34-8-12 to 37-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) Provide adequate drainage to prevent water ponding.
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 = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=213, 10=282.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T20	Roof Special Girder	1	1	Job Reference (optional)

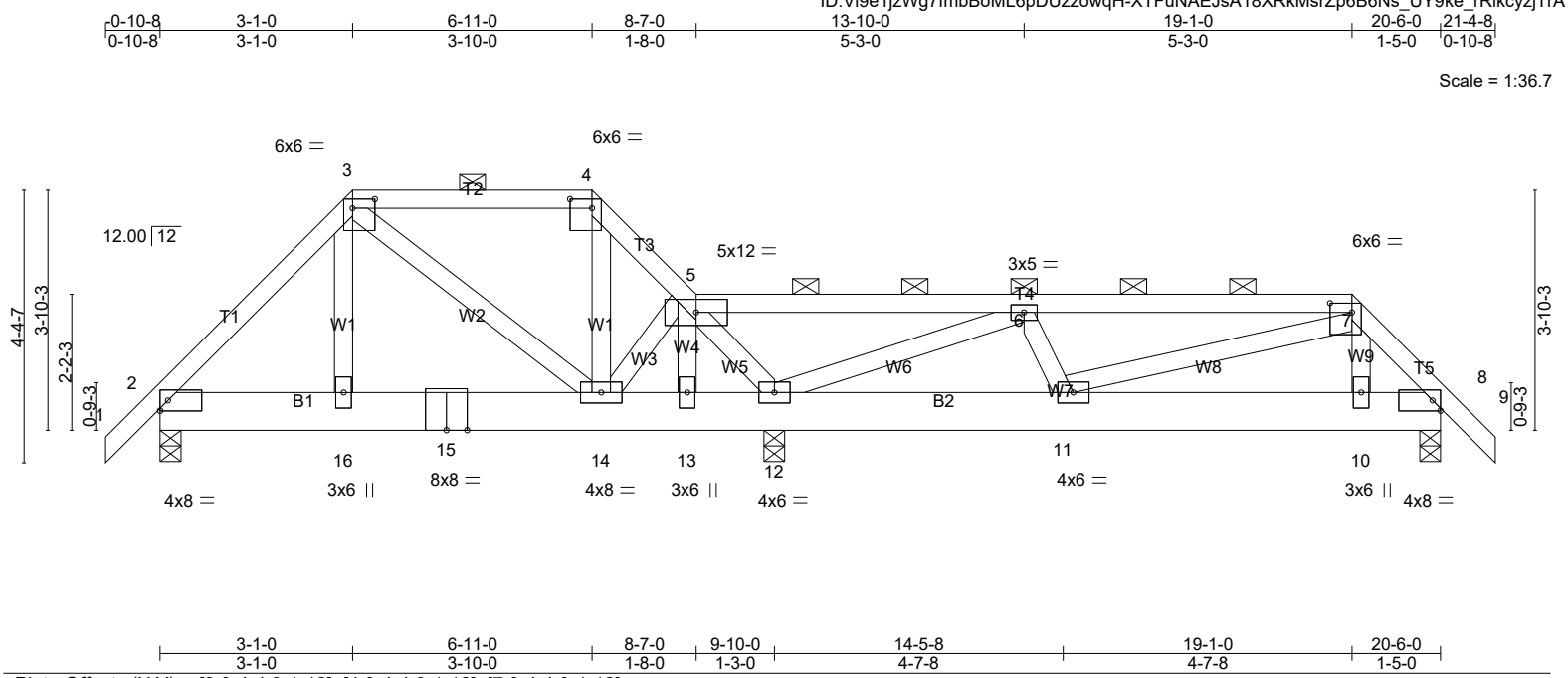


Plate Offsets (X,Y)-- [3:0-4-4,0-1-12], [4:0-4-4,0-1-12], [7:0-4-4,0-1-12]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	-0.01	11	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.15	Vert(CT)	-0.02	11	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.35	Horz(CT)	0.00	8	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 124 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x8 SP No.1
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-4, 5-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 13-14,12-13.

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

REACTIONS. (lb/size) 2=395/0-4-0 (min. 0-1-8), 12=926/0-4-0 (min. 0-1-8), 8=441/0-4-0 (min. 0-1-8)
Max Horz 2=-78(LC 10)
Max Uplift2=-83(LC 32), 12=-252(LC 13), 8=-163(LC 13)
Max Grav 2=395(LC 1), 12=926(LC 1), 8=441(LC 39)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-23=-351/110, 3-23=-284/117, 4-5=-254/135, 6-28=-492/211, 28-29=-492/211, 29-30=-492/211, 7-30=-492/211, 7-8=-470/173
BOT CHORD 12-31=-214/516, 31-32=-214/516, 11-32=-214/516, 11-33=-114/337, 33-34=-114/337, 10-34=-114/337, 8-10=-112/343
WEBS 5-12=-390/121, 6-12=-786/326

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 3-1-0, Exterior(2) 3-1-0 to 6-1-0, Interior(1) 6-1-0 to 6-11-0, Exterior(2) 6-11-0 to 8-7-0, Interior(1) 8-7-0 to 19-1-0, Exterior(2) 19-1-0 to 21-4-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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) 2 except (jt=lb) 12=252, 8=163.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 72 lb down and 68 lb up at 11-0-10 , 72 lb down and 68 lb up at 13-0-10, 72 lb down and 68 lb up at 15-0-10, and 73 lb down and 68 lb up at 17-0-10, and 72 lb down and 75 lb up at 19-1-0 on top chord, and 16 lb down and 15 lb up at 11-0-10, 16 lb down and 15 lb up at 13-0-10, 16 lb down and 15 lb up at 15-0-10, and 16 lb down and 15 lb up at 17-0-10, and 16 lb down and 15 lb up at 19-0-10 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T20	Roof Special Girder	1	1	Job Reference (optional)

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-60, 3-4=-60, 4-5=-60, 5-7=-60, 7-9=-60, 17-20=-20
Concentrated Loads (lb)
Vert: 10=-4(F) 31=-4(F) 32=-4(F) 33=-4(F) 34=-4(F)

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T21	Roof Special	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:39:00 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-?fpGaWFxdU9?8aJYPY42ePfZGOnTuD_745Rl8OzjTr9

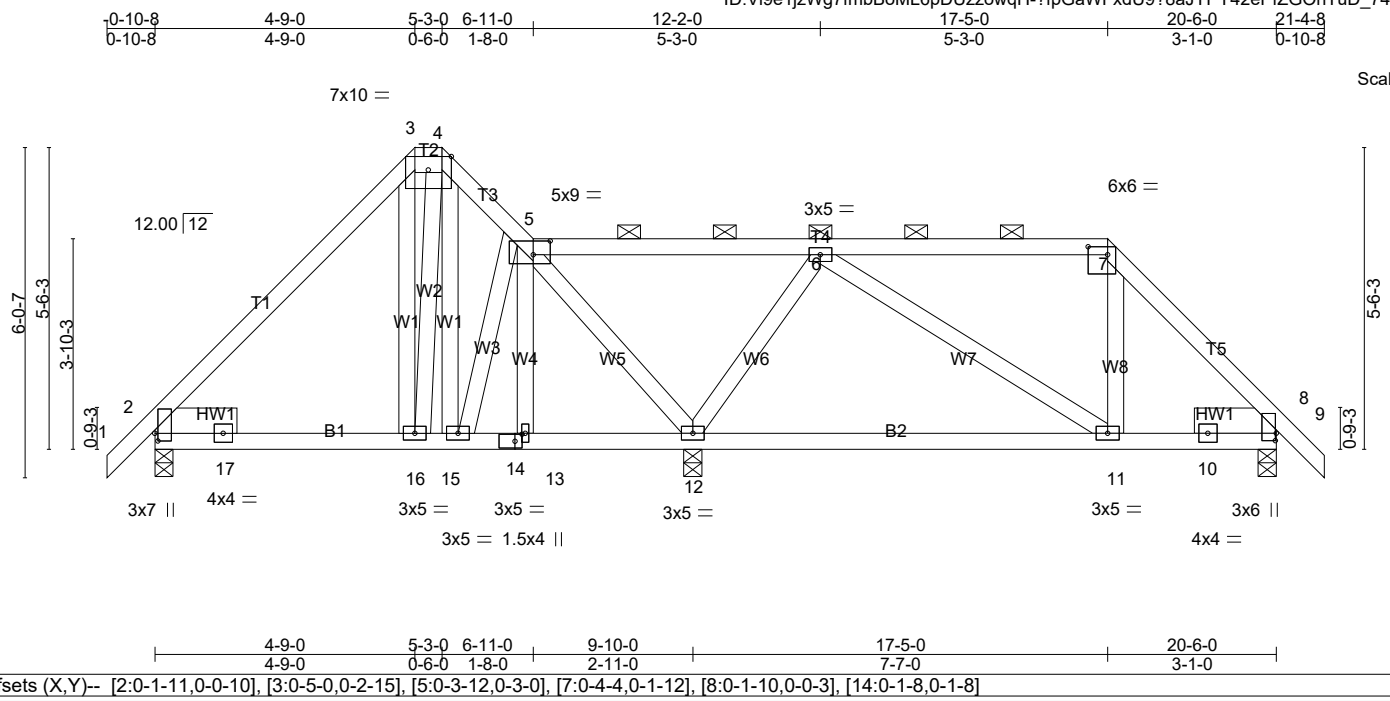


Plate Offsets (X,Y)-- [2:0-1-11,0-0-10], [3:0-5-0,0-2-15], [5:0-3-12,0-3-0], [7:0-4-4,0-1-12], [8:0-1-10,0-0-3], [14:0-1-8,0-1-8]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.36	Vert(LL)	-0.07	11-12	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.36	Vert(CT)	-0.15	11-12	>879	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.01	2	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 106 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD	2x4 SPF No.2 *Except* T2: 2x6 SPF 1650F 1.5E
BOT CHORD	2x4 SPF No.2
WEBS	2x4 SPF Stud
SLIDER	Left 2x6 SPF 1650F 1.5E -4 1-6-0, Right 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-4, 5-7.
BOT CHORD	Rigid ceiling directly applied or 9-7-14 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=413/0-4-0 (min. 0-1-8), 12=884/0-4-0 (min. 0-1-8), 8=449/0-4-0 (min. 0-1-8)
Max Horz 2=-109(LC 10)
Max Uplift2=-99(LC 12), 12=-149(LC 13), 8=-119(LC 13)

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

TOP CHORD	2-26=-341/111, 26-27=-290/113, 3-27=-284/129, 3-4=-272/160, 4-5=-321/178, 6-28=-284/130, 7-28=-284/130, 7-29=-348/114, 8-29=-436/105
BOT CHORD	2-17=-342/422, 10-11=-15/264
WEBS	4-16=-148/257, 5-12=-406/98, 6-12=-503/198

NOTES-

1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 4-9-0, Exterior(2) 4-9-0 to 6-11-0, Interior(1) 6-11-0 to 17-5-0, Exterior(2) 17-5-0 to 20-6-0, Interior(1) 20-6-0 to 21-4-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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) 2 except (jt=lb) 12=149, 8=119.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T22	Roof Special Girder	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:39:01 2020 Page 1
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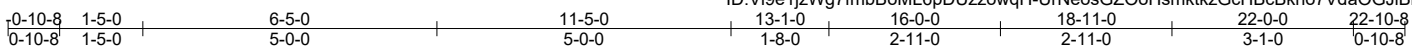

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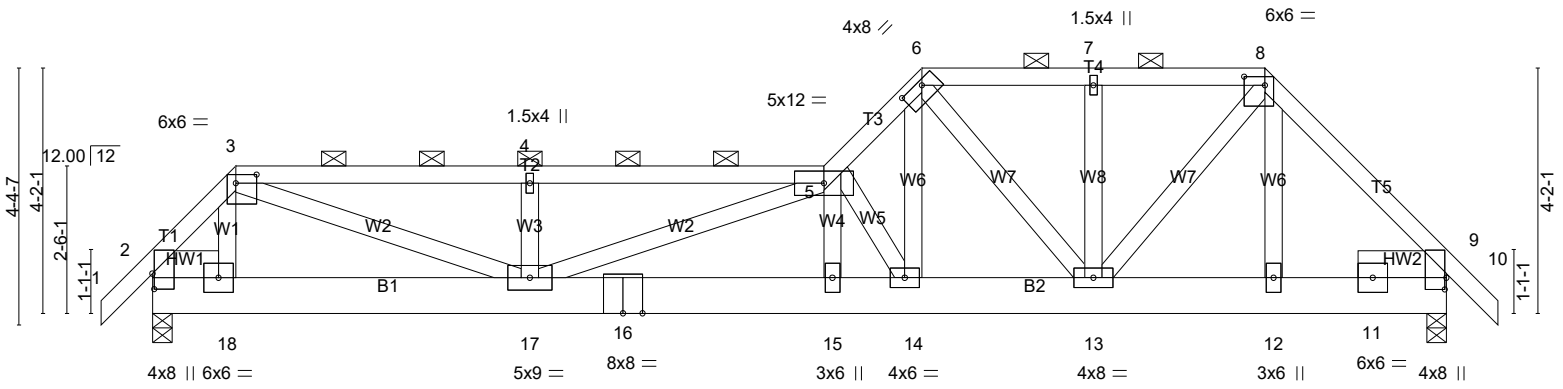

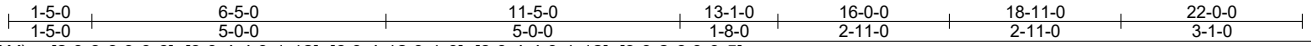

Plate Offsets (X,Y)-- [2:0-3-3,0-0-6], [3:0-4-4,0-1-12], [6:0-4-12,0-1-0], [8:0-4-4,0-1-12], [9:0-2-6,0-0-5]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.38	Vert(LL)	0.10	15-17	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.38	Vert(CT)	-0.18	15-17	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.59	Horz(CT)	0.01	2	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 145 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x8 SP No.1
WEBS 2x4 SPF Stud
SLIDER Left 2x6 SPF 1650F 1.5E -4 1-1-8, Right 2x6 SPF 1650F 1.5E -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-1 oc purlins, except 2-0-0 oc purlins (3-11-4 max.): 3-5, 6-8.
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=932/0-4-0 (min. 0-1-8), 9=932/0-4-0 (min. 0-1-8)
Max Horz 2=-78(LC 30)
Max Uplift2=-340(LC 12), 9=-184(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-977/379, 3-27=-1904/711, 27-28=-1904/711, 28-29=-1904/711, 4-29=-1904/711, 4-30=-1904/711, 30-31=-1904/711, 5-31=-1904/711, 5-6=-1834/593, 6-7=-1047/357, 7-8=-1047/357, 8-32=-861/280, 9-32=-936/273
BOT CHORD 18-33=-261/736, 33-34=-261/736, 17-34=-261/736, 17-35=-668/2273, 16-35=-668/2273, 16-36=-668/2273, 15-36=-668/2273, 14-15=-669/2278, 13-14=-290/1219, 12-13=-109/612, 11-12=-106/609
WEBS 3-17=-451/1332, 4-17=-339/192, 5-17=-424/175, 5-14=-1691/609, 6-14=-440/1360, 6-13=-296/135, 8-13=-195/705

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 4-5-0, Interior(1) 4-5-0 to 13-1-0, Exterior(2) 13-1-0 to 16-0-0, Interior(1) 16-0-0 to 18-11-0, Exterior(2) 18-11-0 to 22-0-0, Interior(1) 22-0-0 to 22-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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=340, 9=184.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 67 lb down and 69 lb up at 1-5-0, 68 lb down and 62 lb up at 3-5-12, 67 lb down and 62 lb up at 5-5-12, and 67 lb down and 62 lb up at 7-5-12, and 67 lb down and 62 lb up at 9-5-12 on top chord, and 24 lb down and 33 lb up at 1-5-12, 24 lb down and 33 lb up at 3-5-12, 24 lb down and 33 lb up at 5-5-12, and 24 lb down and 33 lb up at 7-5-12, and 24 lb down and 33 lb up at 9-5-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-3=-60, 3-5=-60, 5-6=-60, 6-8=-60, 8-10=-60, 19-23=-20

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T23	Roof Special	1	1	Job Reference (optional)

0-10-8 3-1-0 8-1-0 13-1-0 14-9-0 17-3-0 22-0-0 22-10-8
0-10-8 3-1-0 5-0-0 5-0-0 1-8-0 2-6-0 4-9-0 0-10-8

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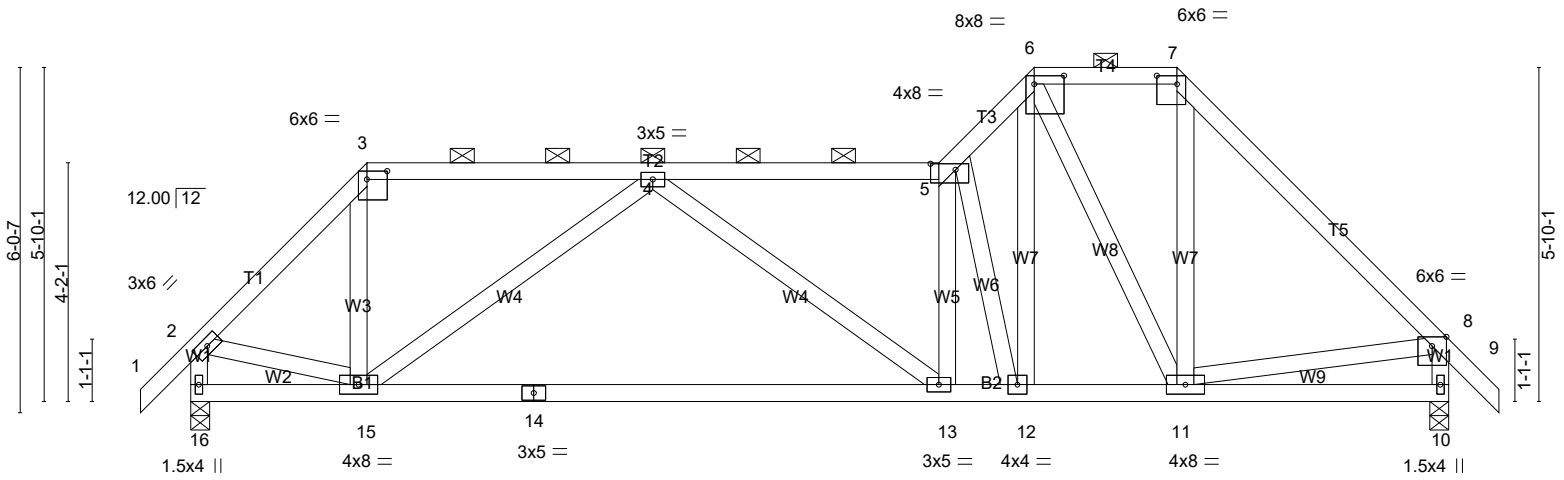


3-1-0 13-1-0 14-9-0 17-3-0 22-0-0
3-1-0 10-0-0 1-8-0 2-6-0 4-9-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.38	Vert(LL)	-0.21	13-15	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.75	Vert(CT)	-0.44	13-15	>594	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.03	10	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 113 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-12 oc purlins, except end verticals, and 2-0-0 oc purlins (5-0-13 max.): 3-5, 6-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 15-16.

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

REACTIONS. (lb/size) 16=930/0-4-0 (min. 0-1-8), 10=930/0-4-0 (min. 0-1-8)
Max Horz 16=-135(LC 10)
Max Uplift16=-198(LC 12), 10=-139(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-17=-931/168, 3-17=-818/177, 3-18=-606/173, 4-18=-606/173, 4-5=-1206/283, 5-6=-1123/334, 6-7=-574/219, 7-19=-823/213, 19-20=-847/197, 8-20=-931/195, 2-16=-953/198, 8-10=-888/234
BOT CHORD 14-15=-234/1131, 13-14=-234/1131, 12-13=-154/1213, 11-12=-66/740
WEBS 3-15=-17/439, 4-15=-664/227, 5-13=0/387, 5-12=-1222/219, 6-12=-273/1019, 6-11=-396/112, 7-11=-51/380, 2-15=-50/635, 8-11=-25/463

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 3-1-0, Exterior(2) 3-1-0 to 6-1-0, Interior(1) 6-1-0 to 14-9-0, Exterior(2) 14-9-0 to 20-3-0, Interior(1) 20-3-0 to 22-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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) 16=198, 10=139.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

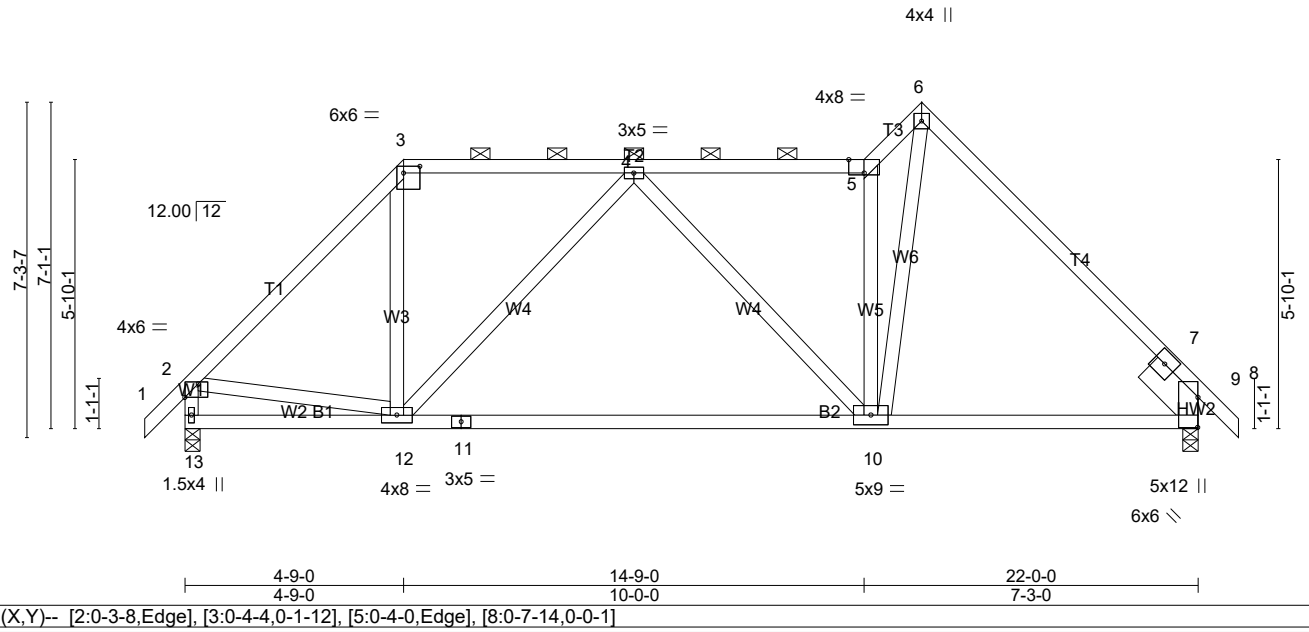
Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T24	Roof Special	1	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:39:02 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-y1w1?CGB95PiOuSxXz7WjqktwCNwM29QXPwPDHzjTr7

-0-10-8	4-9-0	9-9-0	14-9-0	16-0-0	22-0-0	22-10-8
0-10-8	4-9-0	5-0-0	5-0-0	1-3-0	6-0-0	0-10-8

Scale = 1:50.0



4-9-0	14-9-0	22-0-0
4-9-0	10-0-0	7-3-0

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

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.15	TC	0.47	Vert(LL)	-0.24	10-12	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.75	Vert(CT)	-0.49	10-12	>532	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.05	8	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 106 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud *Except*
W4: 2x4 SPF No.2
SLIDER Right 2x8 SP No.1 -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-11 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-5.
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) 13=936/0-4-0 (min. 0-1-8), 8=926/0-4-0 (min. 0-1-9)
Max Horz 13=-158(LC 10)
Max Uplift13=-199(LC 12), 8=-155(LC 12)
Max Grav 13=936(LC 1), 8=989(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-18=-982/181, 18-19=-912/183, 3-19=-893/198, 3-20=-625/213, 4-20=-625/213, 4-5=-884/234, 5-6=-1148/293, 6-21=-895/214, 21-22=-913/196, 7-22=-996/191, 2-13=-922/213
BOT CHORD 11-12=-170/885, 11-23=-170/885, 23-24=-170/885, 10-24=-170/885, 10-25=-43/624, 25-26=-43/624, 8-26=-43/624
WEBS 3-12=-11/422, 4-12=-395/179, 5-10=-864/256, 6-10=-248/1191, 2-12=-34/573

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-10-8 to 2-1-8, Interior(1) 2-1-8 to 4-9-0, Exterior(2) 4-9-0 to 7-9-0, Interior(1) 7-9-0 to 16-0-0, Exterior(2) 16-0-0 to 19-0-0, Interior(1) 19-0-0 to 22-10-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
4) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=199, 8=155.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Lee - Verona B
QUOTE FILE	T25	Common	3	1	Job Reference (optional)

84 Lumber 0280, Coal Center, PA 15423, Marty Stiffler

Run: 8.300 s Jun 26 2019 Print: 8.310 s May 22 2019 MiTek Industries, Inc. Wed Feb 19 20:39:02 2020 Page 1
ID:Vl9e1jzWg7fmbBoML6pDUzzowqH-y1w1?CGB95PiOuSxXz7WjqkvJCSuMyeQXPwPDHzjTr7

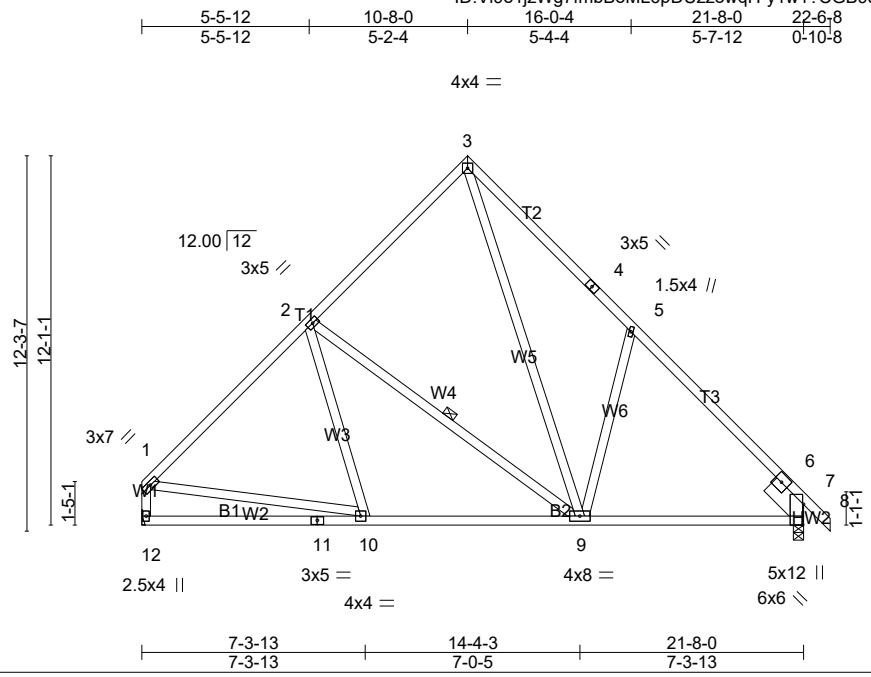


Plate Offsets (X,Y)-- [7:0-8-2,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.32	Vert(LL)	-0.08	9-15	>999	240	MT20	197/144
(Roof Snow=20.0)		Lumber DOL	1.15	BC	0.43	Vert(CT)	-0.13	10-12	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.03	7	n/a	n/a		
BCLL	0.0 *	Code IBC2015/TPI2014		Matrix-MS							Weight: 116 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud *Except*
W4,W5: 2x4 SPF No.2
SLIDER Right 2x8 SP No.1 -4 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-8-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-9

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

REACTIONS. (lb/size) 12=860/Mechanical, 7=914/0-4-0 (min. 0-1-8)
Max Horz 12=-251(LC 10)
Max Uplift 12=-140(LC 13), 7=-143(LC 13)
Max Grav 12=863(LC 21), 7=950(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-17=-920/183, 2-17=-814/201, 2-18=-664/242, 3-18=-565/270, 3-19=-908/378, 4-19=-915/361, 4-5=-949/350, 5-20=-817/207, 6-20=-973/187, 6-7=-348/0, 1-12=-796/194
BOT CHORD 11-12=-220/314, 10-11=-220/314, 9-10=-97/709, 9-21=-49/631, 21-22=-49/631, 7-22=-49/631
WEBS 2-10=0/261, 2-9=-445/220, 3-9=-337/825, 5-9=-396/347, 1-10=-32/506

NOTES-
1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Pr. Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 10-8-0, Exterior(2) 10-8-0 to 13-8-0, Interior(1) 13-8-0 to 22-6-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=20.0 psf (flat roof snow); Category II; Exp B; Fully Exp.; Ct=1.10
3) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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 = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=140, 7=143.
8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard