

Job J0321-1555	Truss A1	Truss Type PIGGYBACK BASE	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
-------------------	-------------	------------------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:48 2021 Page 1
 ID:9SqOxd9jmMCpYgVKAOMRJoZlMr-9jrsTYNIH3g_1tfWstlXTEl5Nwgnoo0iYld8SuzZMDX

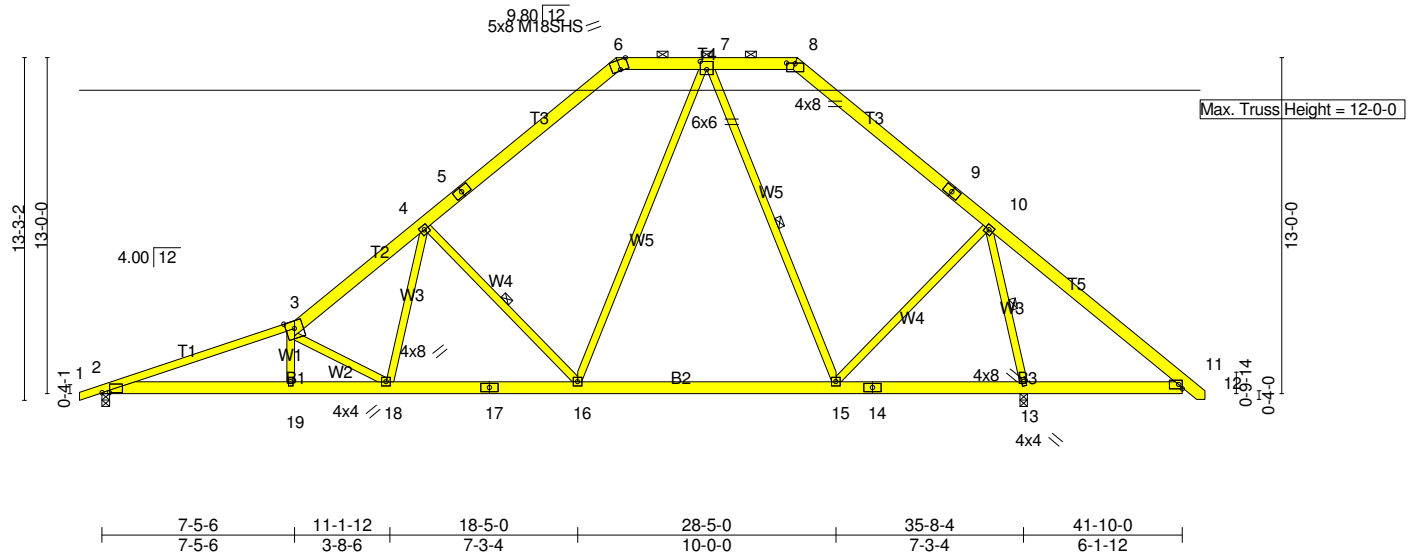
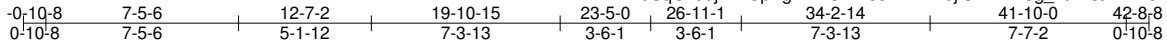


Plate Offsets (X,Y)-- [2:0-3-7,0-0-0], [6:0-4-0,Edge], [7:0-3-0,0-3-12], [8:0-4-0,0-0-5]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0 Plate Grip DOL 1.15	TC 0.97	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.60	Vert(LL) -0.32 15-16 >999 360	M18SHS	244/190
BCLL 0.0 *	Rep Stress Incr YES	WB 0.57	Horz(CT) 0.06 13 n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.16 16-18 >999 240		Weight: 305 lb FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1 *Except*
 T1: 2x4 SP No.1, T4: 2x6 SP 2400F 2.0E
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied, except
 2-0-0 oc purlins (6-0-0 max.): 6-8.
 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 4-16, 10-13, 7-15

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

REACTIONS. (size) 2=0-3-8 (min. 0-1-11), 13=0-3-8 (min. 0-2-8)
 Max Horz 2=312(LC 11) 4x4 = 4x8 = 4x4 =
 Max Uplift 2=101(LC 12), 13=75(LC 13)
 Max Grav 2=1451(LC 2), 13=2116(LC 2)

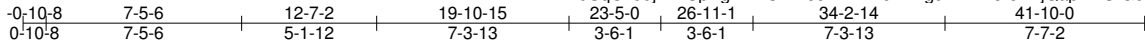
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-20=-3777/627, 3-20=-3717/642, 3-4=-2769/524, 4-5=-1595/386, 5-21=-1572/398,
 6-21=-1404/432, 6-22=-1235/431, 7-22=-1235/431, 7-23=-797/332, 8-23=-797/332,
 8-24=-967/309, 9-24=-1014/281, 9-10=-1114/263, 10-25=-278/553, 11-25=-330/374
 BOT CHORD 2-19=-518/3610, 18-19=-522/3606, 18-26=-172/1985, 17-26=-172/1985, 16-17=-172/1985,
 16-27=-50/894, 27-28=-50/894, 15-28=-50/894, 11-13=-346/366
 WEBS 4-16=-962/361, 10-15=-42/900, 10-13=-1951/642, 7-16=-161/1168, 7-15=-362/172,
 4-18=-161/1199, 3-18=-1750/378

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-6-5, Interior(1) 3-6-5 to 19-11-15, Exterior(2) 19-11-15 to 24-4-12, Interior(1) 24-4-12 to 26-10-1, Exterior(2) 26-10-1 to 31-2-14, Interior(1) 31-2-14 to 42-6-10 zone; cantilever right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 2 and 75 lb uplift at joint 13.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 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 J0321-1555	Truss A2	Truss Type PIGGYBACK BASE	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
Comtech, Inc., Fayetteville, NC 28309, Lenny Norris					Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:49 2021 Page 1
 ID:9SqOxd9jmMCpYgVKAOMRJoZzImR-dvPEguNN2Nore1DjQapm?SrG0K0zXFDrnONh?LzZMDW



5x8 M18SHS

Scale = 1:87.7

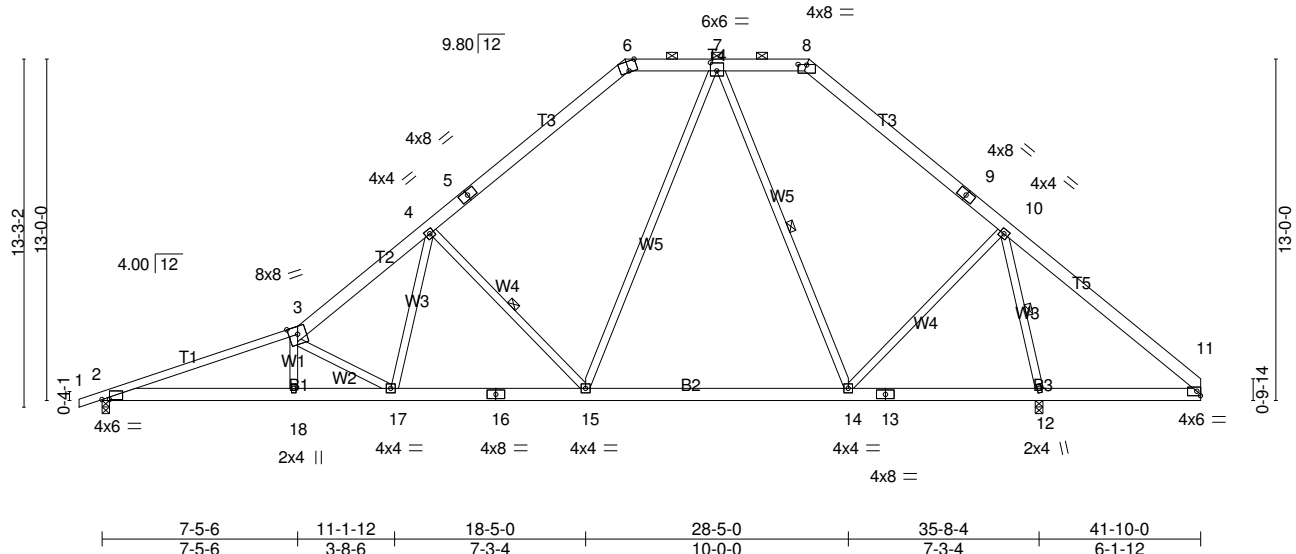


Plate Offsets (X,Y)-- [2:0-3-7,0-0-0], [6:0-4-0,Edge], [7:0-3-0,0-3-12], [8:0-4-0,0-0-5]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.98	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.60	Vert(LL) -0.32 14-15 >999 360	M18SHS	244/190
BCLL 0.0 *	Lumber DOL 1.15	WB 0.57	Vert(CT) -0.56 14-15 >766 240		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.06 12 n/a n/a		
	Code IRC2015/TPI2014		Wind(LL) 0.16 15-17 >999 240	Weight: 302 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1 *Except*
 T1: 2x4 SP No.1, T4: 2x6 SP 2400F 2.0E
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (6-0-0 max.): 6-8.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 11-12.
 WEBS 1 Row at midpt 4-15, 10-12, 7-14

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

REACTIONS. (size) 2=0-3-8 (min. 0-1-12), 12=0-3-8 (min. 0-2-7)
 Max Horz2=310(LC 9)
 Max Uplift2=101(LC 12), 12=63(LC 13)
 Max Grav2=1458(LC 2), 12=2074(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-19=-3797/634, 3-19=-3738/649, 3-4=-2786/530, 4-5=-1609/391, 5-20=-1586/403,
 6-20=-1418/437, 6-21=-1243/435, 7-21=-1243/435, 7-22=-794/338, 8-22=-794/338,
 8-23=-989/316, 9-23=-1035/289, 9-10=-1135/271, 10-24=-221/488, 11-24=-273/307
 BOT CHORD 2-18=-534/3621, 17-18=-538/3617, 17-25=-195/1991, 16-25=-195/1991, 15-16=-195/1991,
 15-26=-55/897, 26-27=-55/897, 14-27=-55/897, 11-12=-295/303
 WEBS 4-15=-964/364, 10-14=-29/881, 10-12=-1911/602, 7-15=-165/1170, 7-14=-338/162,
 4-17=-162/1203, 3-17=-1758/381

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-10-8 to 3-6-5, Interior(1) 3-6-5 to 19-11-15, Exterior(2) 19-11-15 to 24-4-12, Interior(1) 24-4-12 to 26-10-1, Exterior(2) 26-10-1 to 31-2-14, Interior(1) 31-2-14 to 41-10-0 zone; cantilever right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 2 and 63 lb uplift at joint 12.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 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 J0321-1555	Truss A3	Truss Type PIGGYBACK BASE	Qty 11	Ply 1	LOT 9 WOODBURY FARMS
-------------------	-------------	------------------------------	-----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:50 2021 Page 1
 ID:9SqOxd9jmMCPYgVKAOMRjOzZlmR-56zcuEO?phwiGBov_IK?YfOU2jLJGep??26FXnzZMDV



Scale = 1:73.4

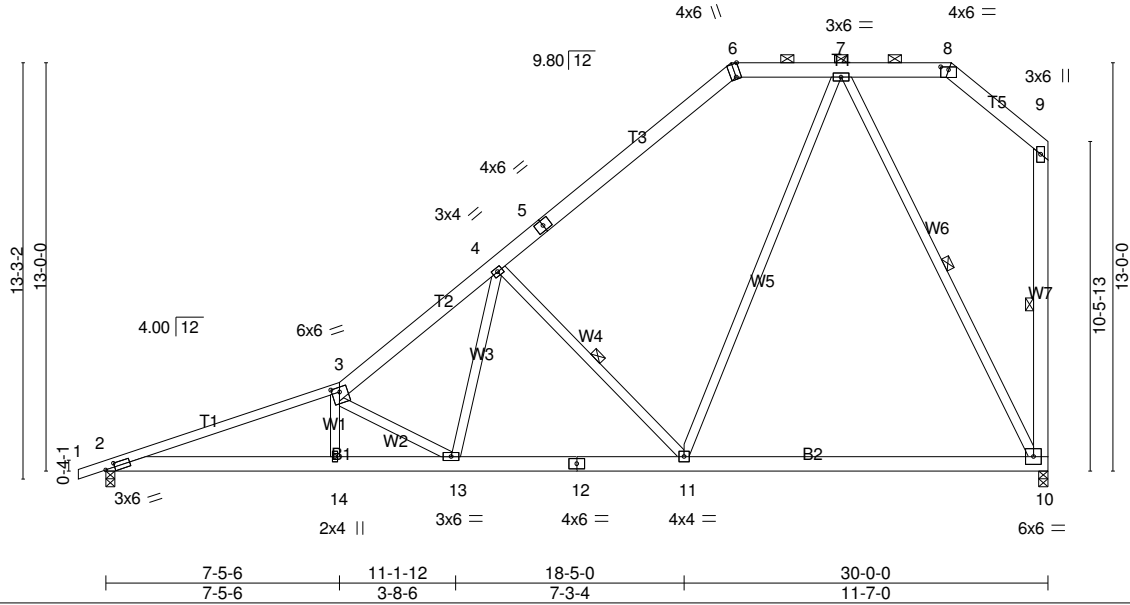


Plate Offsets (X,Y)-- [2:0-3-10,0-1-8], [3:0-3-0,0-1-12], [6:0-5-2,Edge], [8:0-3-0,0-1-2]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.83	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.66	Vert(LL) -0.37 10-11 >949 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.80	Vert(CT) -0.58 10-11 >617 240		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.04 10 n/a n/a		
	Code IRC2015/TPI2014		Wind(LL) 0.10 13 >999 240		
				Weight: 241 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1 *Except*
 T1: 2x4 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2 *Except*
 W7: 2x6 SP No.1

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

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

REACTIONS. (size) 2=0-3-8 (min. 0-1-8), 10=0-3-8 (min. 0-1-10)
 Max Horz2=368(LC 12)
 Max Uplift2=-55(LC 12), 10=-97(LC 12)
 Max Grav2=1247(LC 1), 10=1371(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-15=-3082/351, 3-15=-3023/366, 3-4=-2168/303, 4-5=-1169/210, 5-16=-1135/228,
 6-16=-978/261, 6-17=-903/302, 7-17=-903/302, 9-10=-329/111
 BOT CHORD 2-14=-649/2907, 13-14=-653/2901, 13-19=-440/1513, 12-19=-440/1513,
 11-20=-147/468, 20-21=-147/468, 10-21=-147/468
 WEBS 3-13=-1506/259, 4-13=-99/984, 4-11=-886/357, 7-11=-132/1219, 7-10=-932/326

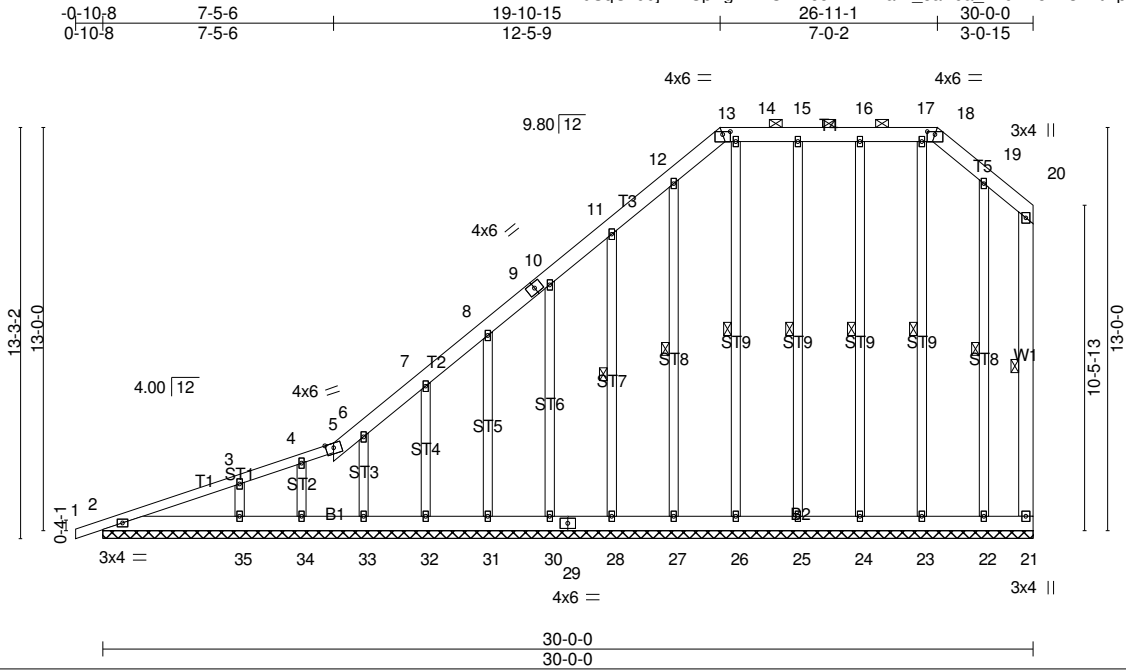
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-10-8 to 3-6-5, Interior(1) 3-6-5 to 19-11-15, Exterior(2) 19-11-15 to 24-4-12, Interior(1) 24-4-12 to 26-10-1, Exterior(2) 26-10-1 to 29-9-4 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 55 lb uplift at joint 2 and 97 lb uplift at joint 10.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 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 J0321-1555	Truss A3GE	Truss Type GABLE	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
Comtech, Inc., Fayetteville, NC 28309, Lenny Norris					Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:51 2021 Page 1

ID:9SqOxd9jmMCpYgVKAOMRJoZlmR-aIX_5aPda_2ZuLN5X?sE4twpg7r4?Fy8Eiso3DzZMDU



Scale = 1:74.3

Plate Offsets (X,Y)-- [13:0-3-0,0-1-2], [18:0-3-0,0-1-2]

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 0.14	Vert(LL)	0.00	1	n/r	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.05	Vert(CT)	0.00	1	n/r		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.17	Horz(CT)	-0.00	21	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S						
								Weight: 324 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1 *Except*
T1: 2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x6 SP No.1
OTHERS 2x4 SP No.2

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.): 13-18.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 20-21, 15-25, 14-26, 12-27, 11-28, 16-24, 17-23, 19-22

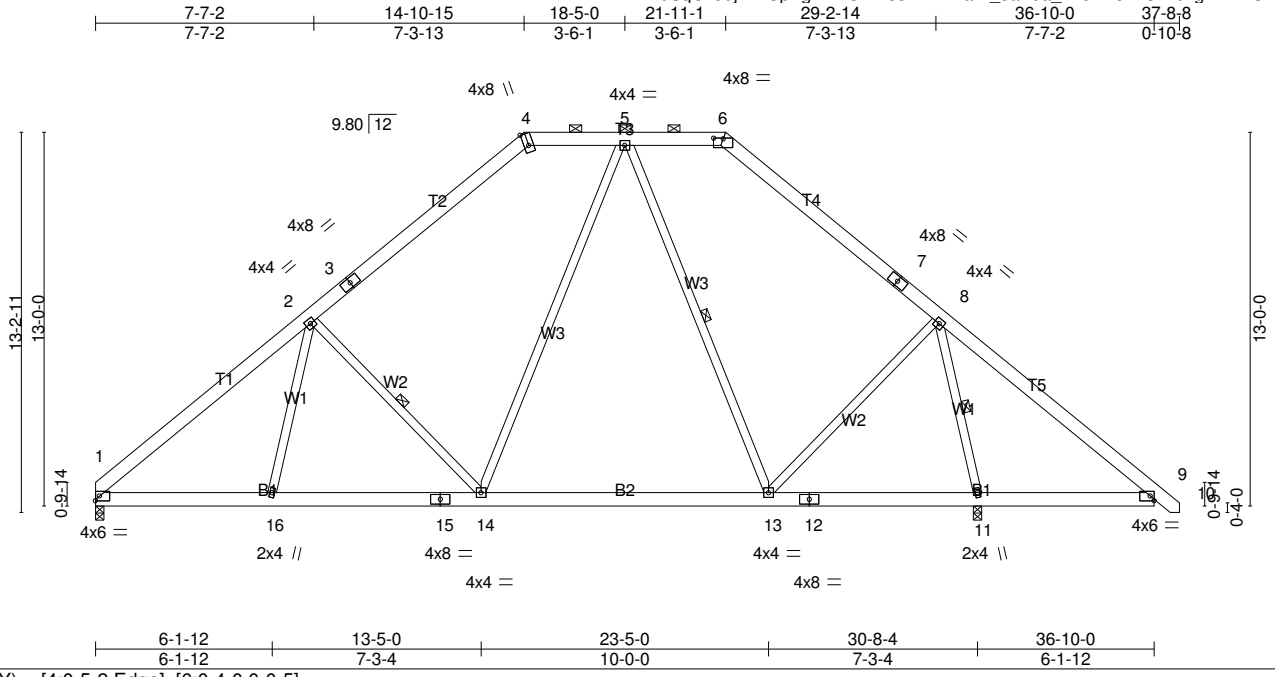
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 30-0-0.
(lb) - Max Horz 2=537(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 2, 21, 25, 26, 27, 34, 24, 23, 22 except 28=-114(LC 12), 30=-108(LC 12), 31=-107(LC 12), 32=-125(LC 12), 35=-127(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 21, 25, 26, 27, 28, 30, 31, 32, 33, 34, 24, 23, 22 except 35=353(LC 23)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-36=-523/329, 3-36=-507/343, 3-4=-457/305, 4-5=-456/313, 5-6=-453/324, 6-7=-455/313, 7-8=-347/230

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-10-8 to 3-6-5, Exterior(2) 3-6-5 to 19-11-15, Corner(3) 19-11-15 to 24-5-0, Exterior(2) 24-5-0 to 26-10-1, Corner(3) 26-10-1 to 29-9-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - Provide adequate drainage to prevent water ponding.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 21, 25, 26, 27, 34, 24, 23, 22 except (it=lb) 28=114, 30=108, 31=107, 32=125, 35=127.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 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



Scale = 1:80.2

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

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.71	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.46	Vert(LL) -0.24 13-14 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.37	Vert(CT) -0.37 13-14 >989 240		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.02 11 n/a n/a		
	Code IRC2015/TPI2014		Wind(LL) 0.08 14 >999 240		Weight: 278 lb FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 5-6-0 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, Except: 6-0-0 oc bracing: 9-11.
 WEBS 1 Row at midpt 2-14, 5-13, 8-11

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

REACTIONS. (size) 1=0-3-8 (min. 0-1-8), 11=0-3-8 (min. 0-2-4)
 Max Horz 1=-305(LC 10)
 Max Uplift 1=-54(LC 12), 11=-78(LC 13)
 Max Grav 1=1278(LC 19), 11=1914(LC 2)

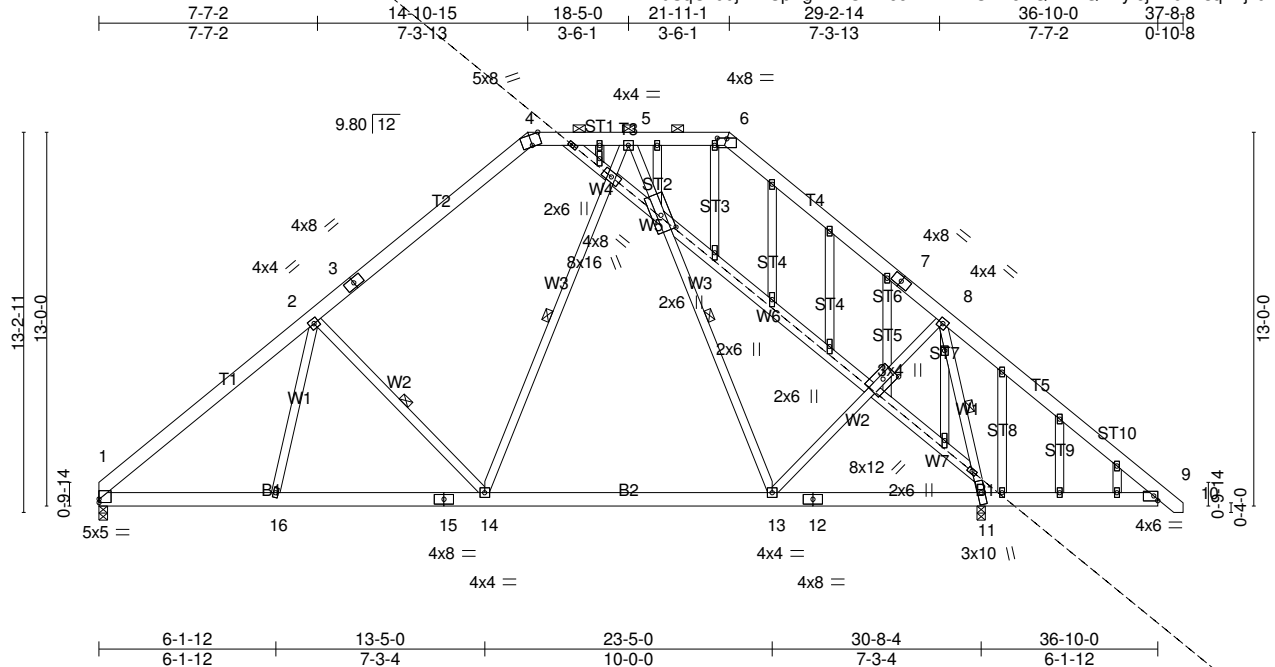
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-17=-1697/281, 2-17=-1552/313, 2-3=-1251/343, 3-4=-1036/395, 4-18=-934/395,
 5-18=-934/395, 5-19=-692/325, 6-19=-692/325, 6-7=-797/299, 7-8=-937/253,
 8-20=-283/554, 9-20=-335/378
 BOT CHORD 1-16=-155/1384, 16-21=-172/1336, 21-22=-172/1336, 15-22=-172/1336, 14-15=-172/1336,
 14-23=-58/742, 23-24=-58/742, 13-24=-58/742, 9-11=-349/370
 WEBS 2-16=0/297, 2-14=-532/304, 5-14=-118/771, 5-13=-279/168, 8-13=-36/786, 8-11=-1738/629

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-1-12 to 4-6-9, Interior(1) 4-6-9 to 14-11-15, Exterior(2) 14-11-15 to 21-2-9, Interior(1) 21-2-9 to 21-10-1, Exterior(2) 21-10-1 to 28-0-12, Interior(1) 28-0-12 to 37-6-10 zone; cantilever right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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 30.0psf 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 11.
 - 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 8) 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 J0321-1555	Truss B1GE	Truss Type GABLE	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
Comtech, Inc., Fayetteville, NC 28309, Lenny Norris					Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:52 2021 Page 1
 ID: 9SqOxd9jmMCpYgVKAOMRJoZlMr-2U4MJwQFLIAQVvYl5jNTd4TsqX4jkdTITMbMbfzZMDT



Scale = 1:80.2

Plate Offsets (X,Y)-- [1:0-0-0,0-1-6], [4:0-4-0,Edge], [6:0-4-0,0-0-5], [19:0-7-0,0-4-0], [20:0-5-4,0-4-0], [32:0-0-3,0-2-4]

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 0.69	Vert(LL)	-0.24	13-14	>999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.47	Vert(CT)	-0.38	13-14	>975		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.47	Horz(CT)	0.02	11	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S	Wind(LL)	0.24	13-14	>999		
								Weight: 367 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2 *Except*
 W4,W5,W6,W7: 2x6 SP No.1
 OTHERS 2x4 SP No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 5-6-4 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-6.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 2-14, 5-14, 5-13, 8-11

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

REACTIONS. (size) 1=0-3-8 (min. 0-1-8), 11=0-3-8 (min. 0-2-2)
 Max Horz 1=-382(LC 8)
 Max Uplift 1=-337(LC 9), 11=-319(LC 13)
 Max Grav 1=1245(LC 19), 11=1812(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-42=-1670/1136, 2-42=-1526/1159, 2-3=-1218/956, 3-4=-1018/1003, 4-43=-898/898,
 5-43=-898/898, 5-44=-619/738, 6-44=-619/738, 6-7=-767/817, 7-8=-910/765,
 8-45=-109/554, 9-45=-138/404
 BOT CHORD 1-16=-712/1396, 16-46=-663/1349, 46-47=-663/1349, 15-47=-663/1349, 14-15=-663/1349,
 14-48=-320/779, 48-49=-320/779, 13-49=-320/779, 9-11=-373/232
 WEBS 2-16=-255/297, 2-14=-515/403, 5-14=-587/800, 5-13=-279/98, 8-13=-324/772,
 8-11=-1729/1007

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 4-6-9, Interior(1) 4-6-9 to 14-11-15, Exterior(2) 14-11-15 to 21-2-9, Interior(1) 21-2-9 to 21-10-1, Exterior(2) 21-10-1 to 28-0-12, Interior(1) 28-0-12 to 37-6-10 zone; porch right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - Provide adequate drainage to prevent water ponding.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=337, 11=319.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 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 J0321-1555	Truss C1GE	Truss Type GABLE	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
-------------------	---------------	---------------------	----------	----------	----------------------

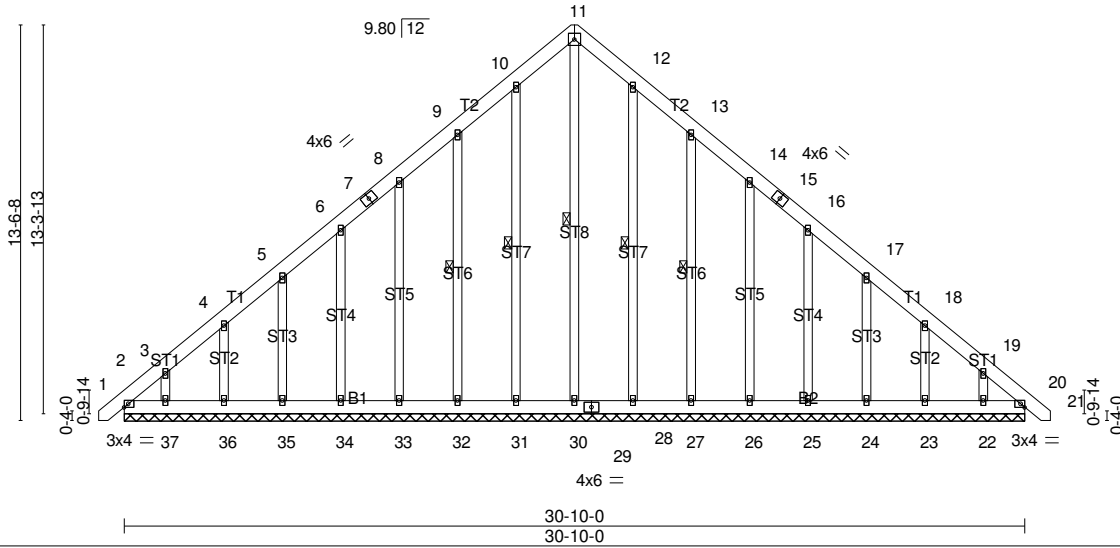
Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:54 2021 Page 1
ID:9SqOxd9jmMCpYgVKAOMR.JozZlmR-_tC7jbrWtvQ8lo6gD7PxiVYL8Ls2CcSawg4SgYzZMDR

0'-10'-8" 15'-5'-0" 30'-10'-0" 31'-8'-8" 0'-10'-8"
0'-10'-8" 15'-5'-0" 15'-5'-0" 0'-10'-8"

5x5 =

Scale = 1:78.9



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 0.06	Vert(LL) -0.00 20 n/r 120	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.03	Vert(CT) -0.00 20 n/r 120		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.19	Horz(CT) 0.01 20 n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S			Weight: 313 lb FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 11-30, 10-31, 9-32, 12-28, 13-27

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

REACTIONS. All bearings 30-10-0.
(lb) - Max Horz 2=-395(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 20, 31, 28 except 2=-174(LC 10), 32=-124(LC 12), 33=-109(LC 12), 34=-107(LC 12), 35=-107(LC 12), 36=-113(LC 12), 37=-171(LC 12), 27=-128(LC 13), 26=-110(LC 13), 25=-107(LC 13), 24=-107(LC 13), 23=-112(LC 13), 22=-161(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 31, 32, 33, 34, 35, 36, 37, 28, 27, 26, 25, 24, 23, 22 except 2=337(LC 12), 20=280(LC 13), 30=273(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-519/329, 3-4=-386/272, 4-5=-282/233, 9-10=-232/273, 10-11=-272/303, 11-12=-272/303, 18-19=-313/199, 19-20=-441/300
BOT CHORD 2-37=-231/352, 36-37=-231/352, 35-36=-231/352, 34-35=-231/352, 33-34=-231/352, 32-33=-231/352, 31-32=-231/352, 30-31=-231/352, 29-30=-231/352, 28-29=-231/352, 27-28=-231/352, 26-27=-231/352, 25-26=-231/352, 24-25=-231/352, 23-24=-231/352, 22-23=-231/352, 20-22=-231/352
WEBS 11-30=-256/174

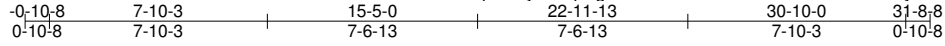
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-8-10 to 3-5-0, Exterior(2) 3-5-0 to 15-5-0, Corner(3) 15-5-0 to 19-9-13, Exterior(2) 19-9-13 to 31-6-10 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 20, 31, 28 except (jt=lb) 2=174, 32=124, 33=109, 34=107, 35=107, 36=113, 37=171, 27=128, 26=110, 25=107, 24=107, 23=112, 22=161.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job J0321-1555	Truss C2	Truss Type COMMON	Qty 4	Ply 1	LOT 9 WOODBURY FARMS
-------------------	-------------	----------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:55 2021 Page 1
 ID:9SqOxd9jmMCpYgVKAOMRjJozZlmR-S3mVxxS8eDY?MyhsmrwAFj5QYk4Rx_Vk9Kq0C_zZMDQ



Scale = 1:82.9

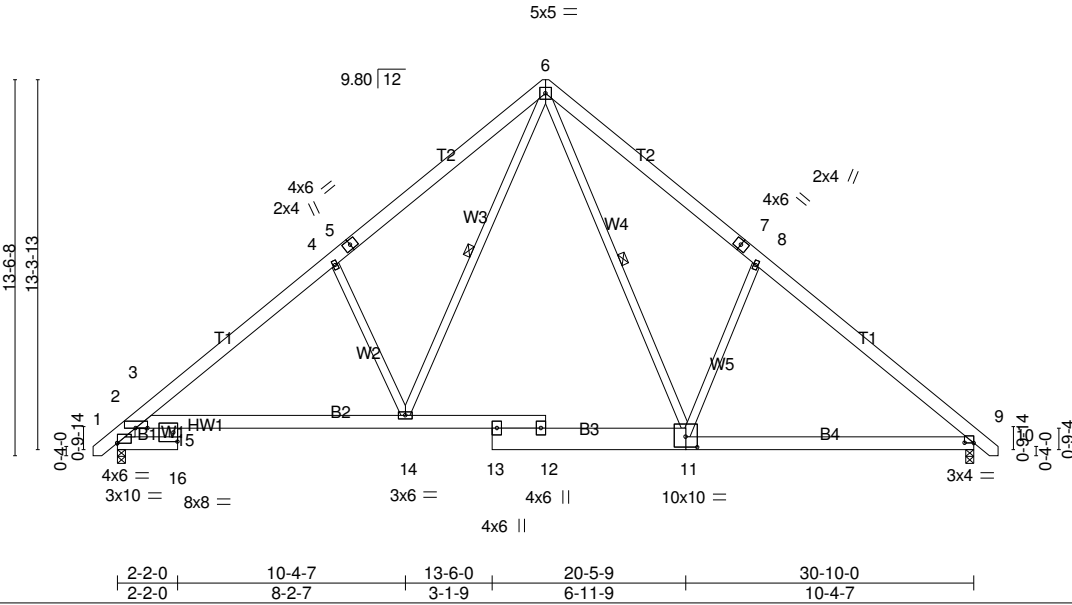


Plate Offsets (X,Y)-- [2:0-0-0,0-0-2], [3:0-5-2,0-0-0], [9:0-4-0,0-0-2], [11:0-5-0,0-4-8], [15:0-1-12,0-0-0], [16:0-1-12,0-0-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.40	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.54	Vert(LL) -0.12 14-15 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.46	Vert(CT) -0.25 14-15 >999 240		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.10 9 n/a n/a		
	Code IRC2015/TPI2014		Wind(LL) 0.09 14-15 >999 240		
				Weight: 248 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1 *Except*
 B3: 2x10 SP No.1
 WEBS 2x4 SP No.2
 WEDGE
 Left: 2x4 SP No.3

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 4-11-14 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 6-11, 6-14

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

REACTIONS. (size) 2=0-3-8 (min. 0-1-11), 9=0-3-8 (min. 0-1-10)
 Max Horz2=-316(LC 10)
 Max Uplift2=-65(LC 12), 9=-65(LC 13)
 Max Grav2=1427(LC 19), 9=1351(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1291/253, 3-17=-1905/327, 4-17=-1831/359, 4-5=-1842/445, 5-18=-1822/470,
 6-18=-1699/504, 6-19=-1478/506, 7-19=-1582/454, 7-8=-1602/448, 8-20=-1616/342,
 9-20=-1715/308
 BOT CHORD 3-15=-118/1656, 15-21=-118/1656, 21-22=-118/1656, 14-22=-118/1656, 14-23=0/971,
 13-23=0/971, 12-13=0/991, 12-24=0/971, 11-24=0/971, 9-11=-101/1254
 WEBS 6-11=-225/803, 8-11=-538/352, 6-14=-215/1214, 4-14=-589/342

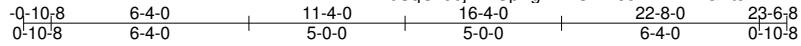
- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-8-10 to 3-8-3, Interior(1) 3-8-3 to 15-5-0, Exterior(2) 15-5-0 to 19-9-13, Interior(1) 19-9-13 to 31-6-10 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 30.0psf 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 BC DL = 10.0psf.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 9.
 - 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job J0321-1555	Truss D1	Truss Type COMMON	Qty 4	Ply 1	LOT 9 WOODBURY FARMS
-------------------	-------------	----------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:56 2021 Page 1
ID:9SqOxd9jmMCpYgVKAOMRjJozZlmR-wGKt8HTmPXgs_6G3KYRPnwebc8QogRXtO_ZZIRzZMDP



Scale = 1:73.7

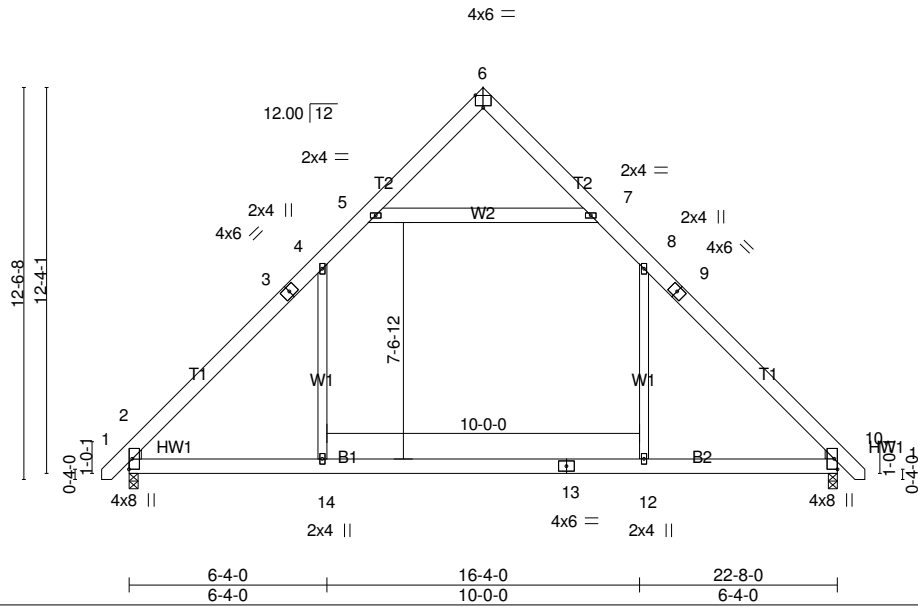


Plate Offsets (X,Y)-- [2:0-1-3,0-3-9], [2:0-0-10,0-0-10], [6:0-3-0,Edge], [10:0-0-10,0-0-10], [10:0-1-3,0-3-9]

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 0.44	Vert(LL)	-0.23	12-14	>999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.53	Vert(CT)	-0.31	12-14	>855		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.47	Horz(CT)	0.02	10	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S	Wind(LL)	0.18	2-14	>999		
								Weight: 171 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2 *Except*
 W2: 2x6 SP No.1
 WEDGE
 Left: 2x4 SP No.2 , Right: 2x4 SP No.2

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. (size) 2=0-3-8 (min. 0-1-8), 10=0-3-8 (min. 0-1-8)
 Max Horz2=289(LC 11)
 Max Uplift2=-38(LC 12), 10=-38(LC 13)
 Max Grav2=1196(LC 19), 10=1196(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-15=-1529/192, 3-15=-1366/196, 3-4=-1327/223, 4-16=-837/287, 5-16=-793/292,
 7-17=-793/292, 8-17=-837/287, 8-9=-1327/223, 9-18=-1365/196, 10-18=-1529/192
 BOT CHORD 2-19=0/947, 14-19=0/947, 13-14=0/949, 12-13=0/949, 12-20=0/947, 10-20=0/947
 WEBS 8-12=0/706, 4-14=0/706, 5-7=-932/372

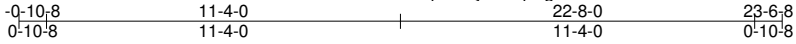
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-8-10 to 3-8-3, Interior(1) 3-8-3 to 11-4-0, Exterior(2) 11-4-0 to 15-8-13, Interior(1) 15-8-13 to 23-4-10 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job J0321-1555	Truss D1GE	Truss Type GABLE	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
-------------------	---------------	---------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:56 2021 Page 1
ID:9SqOxd9jmMcpYgVKAOMR.JozZimR-wGkI8HTmPXgs_6G3KYRPNwehn8XOgVjtO_ZZIRzZMDD



4x6 =

Scale = 1:73.7

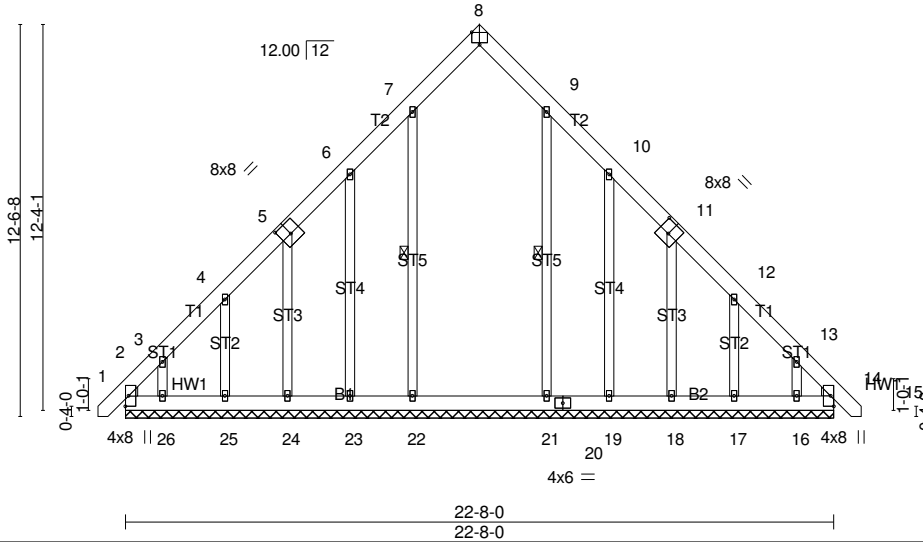


Plate Offsets (X,Y)-- [2:0-0-10,0-0-10], [2:0-1-3,0-3-9], [5:0-4-0,0-4-8], [8:0-3-0,Edge], [11:0-4-0,0-4-8], [14:0-0-10,0-0-10], [14:0-1-3,0-3-9]

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 0.05	Vert(LL)	0.00	14	n/r	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.07	Vert(CT)	0.00	14	n/r		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.20	Horz(CT)	0.01	14	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S						
								Weight: 213 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 OTHERS 2x4 SP No.2
 WEDGE
 Left: 2x4 SP No.2 , Right: 2x4 SP No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 7-22, 9-21

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

REACTIONS. All bearings 22-8-0.
 (lb) - Max Horz 2=-361(LC 10)
 Max Uplift All uplift 100 lb or less at joint(s) 22, 21 except 2=-177(LC 10),
 14=-156(LC 11), 23=-171(LC 12), 24=-134(LC 12), 25=-146(LC 12), 26=-267(LC 12),
 19=-177(LC 13), 18=-134(LC 13), 17=-145(LC 13), 16=-263(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) 23, 24, 25, 26, 19, 18, 17, 16 except
 2=527(LC 12), 14=513(LC 13), 22=376(LC 19), 21=358(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-679/444, 3-4=-473/294, 4-5=-333/185, 11-12=-319/185, 12-13=-458/293,
 13-14=-662/445
 BOT CHORD 2-26=-294/446, 25-26=-297/447, 24-25=-297/447, 23-24=-299/448, 22-23=-300/449,
 21-22=-300/449, 20-21=-300/448, 19-20=-300/448, 18-19=-299/448, 17-18=-297/446,
 16-17=-297/446, 14-16=-294/443
 WEBS 3-26=-240/259, 13-16=-240/256

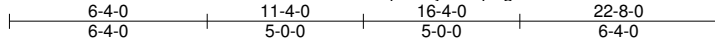
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-8-10 to 3-8-3, Exterior(2) 3-8-3 to 11-4-0, Corner(3) 11-4-0 to 15-5-15, Exterior(2) 15-5-15 to 23-4-10 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 22, 21 except (it=lb) 2=177, 14=156, 23=171, 24=134, 25=146, 26=267, 19=177, 18=134, 17=145, 16=263.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job J0321-1555	Truss D2	Truss Type COMMON	Qty 7	Ply 1	LOT 9 WOODBURY FARMS
-------------------	-------------	----------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:57 2021 Page 1
 ID:9SqOxd9jmMCpYgVKAOMRjZlmR-OSuFMdUOAqojcGrFuGzeK8AICYm0Puj1ceJ6HtzZMD0



Scale = 1:73.7

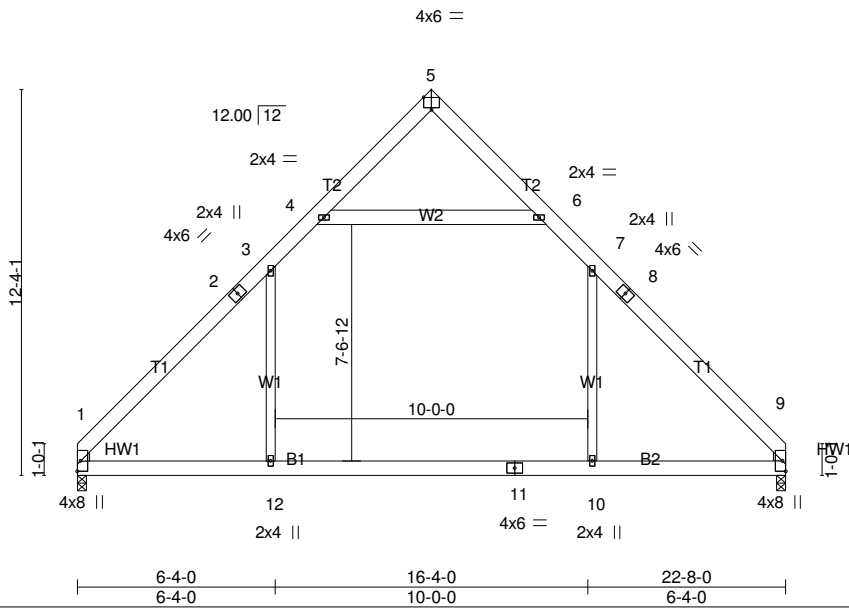


Plate Offsets (X,Y)-- [1:0-1-3,0-3-9], [1:0-0-10,0-0-10], [5:0-3-0,Edge], [9:0-0-10,0-0-10], [9:0-1-3,0-3-9]

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 0.45	Vert(LL)	-0.23 10-12	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.53	Vert(CT)	-0.32 10-12	>842	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.47	Horz(CT)	0.02 9	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S	Wind(LL)	0.18 12	>999	240		
								Weight: 167 lb	FT = 20%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2 *Except*
 W2: 2x6 SP No.1
 WEDGE
 Left: 2x4 SP No.2 , Right: 2x4 SP No.2

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. (size) 1=0-3-8 (min. 0-1-8), 9=0-3-8 (min. 0-1-8)
 Max Horz 1=-283(LC 8)
 Max Uplift 1=-33(LC 13), 9=-33(LC 12)
 Max Grav 1=1159(LC 20), 9=1159(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-13=-1527/188, 2-13=-1363/200, 2-3=-1325/220, 3-14=-839/291, 4-14=-795/297,
 6-15=-795/297, 7-15=-839/292, 7-8=-1325/220, 8-16=-1362/200, 9-16=-1526/188
 BOT CHORD 1-17=-4/947, 12-17=-4/947, 11-12=-3/949, 10-11=-3/949, 10-18=-3/947, 9-18=-3/947
 WEBS 7-10=0/700, 3-12=0/700, 4-6=-940/385

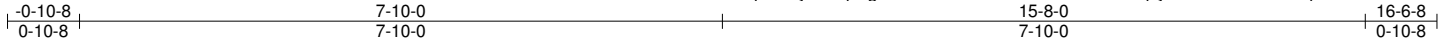
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-1-12 to 4-6-9, Interior(1) 4-6-9 to 11-4-0, Exterior(2) 11-4-0 to 15-8-13, Interior(1) 15-8-13 to 22-6-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job J0321-1555	Truss E1	Truss Type COMMON	Qty 2	Ply 1	LOT 9 WOODBURY FARMS
-------------------	-------------	----------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:57 2021 Page 1
ID:9SqOxd9jmMCpYgVKAOMRJoZzImR-OSuFMdUOAgqjcGrFuGzeK8AktYquPzz1ceJ6HtzZMDO



Scale = 1:28.1

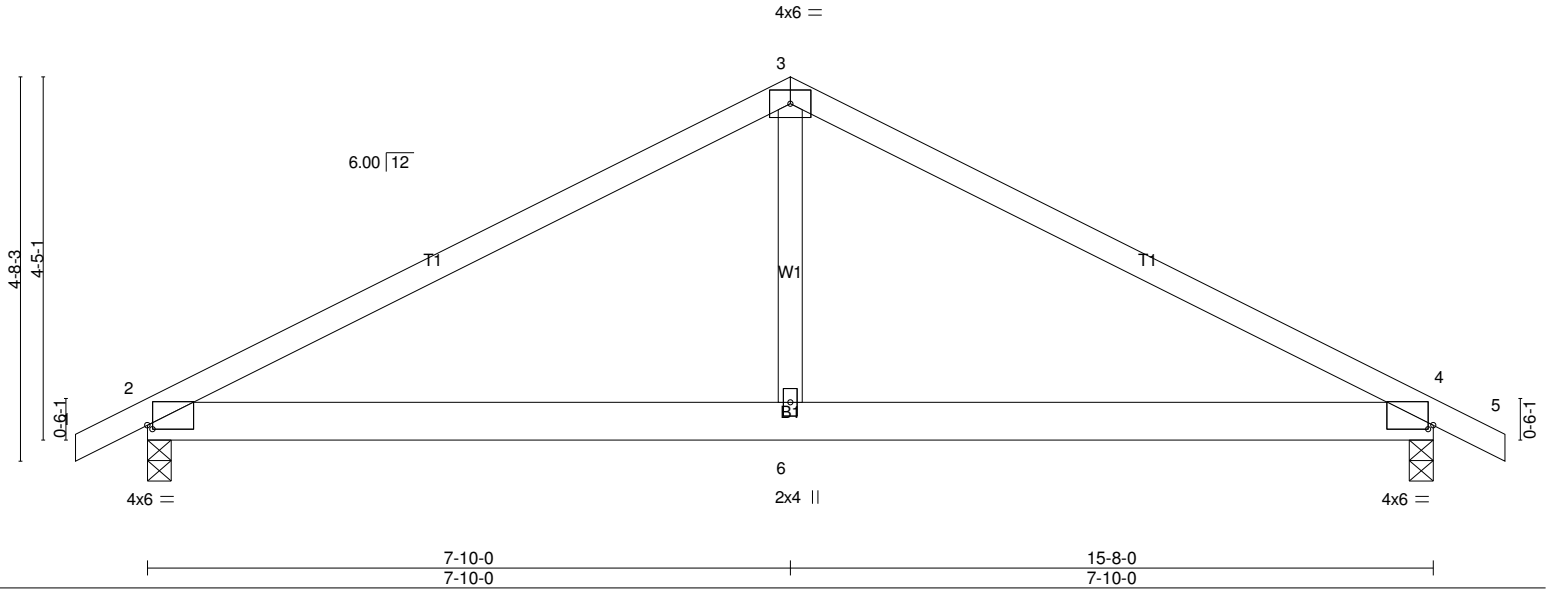


Plate Offsets (X,Y)-- [2:0-0-12,0-0-9], [4:0-0-12,0-0-9]

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 0.54	Vert(LL)	-0.03	2-6	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.28	Vert(CT)	-0.07	2-6	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.14	Horz(CT)	0.01	4	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S	Wind(LL)	0.08	4-6	>999	240		
									Weight: 71 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.1
 BOT CHORD 2x6 SP No.1
 WEBS 2x4 SP No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 5-5-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-3-11 oc bracing.

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

REACTIONS. (size) 2=0-3-8 (min. 0-1-8), 4=0-3-8 (min. 0-1-8)
 Max Horz 2=57(LC 11)
 Max Uplift 2=140(LC 9), 4=140(LC 8)
 Max Grav 2=676(LC 1), 4=676(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-7=-879/829, 3-7=-767/853, 3-8=-767/851, 4-8=-879/827
 BOT CHORD 2-6=-619/680, 4-6=-619/680
 WEBS 3-6=-512/397

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-6-5, Interior(1) 3-6-5 to 7-10-0, Exterior(2) 7-10-0 to 12-2-13, Interior(1) 12-2-13 to 16-6-8 zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=140, 4=140.
 - 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job J0321-1555	Truss E2	Truss Type COMMON	Qty 2	Ply 1	LOT 9 WOODBURY FARMS
-------------------	-------------	----------------------	----------	----------	----------------------

Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:58 2021 Page 1
ID:9SqOxd9jmMCpYgVKAOMR.JozZlmR-seSeZzU0x8waDQQRszUttLjtGyA88QEAr12gpJzZMDN



Scale = 1:27.6

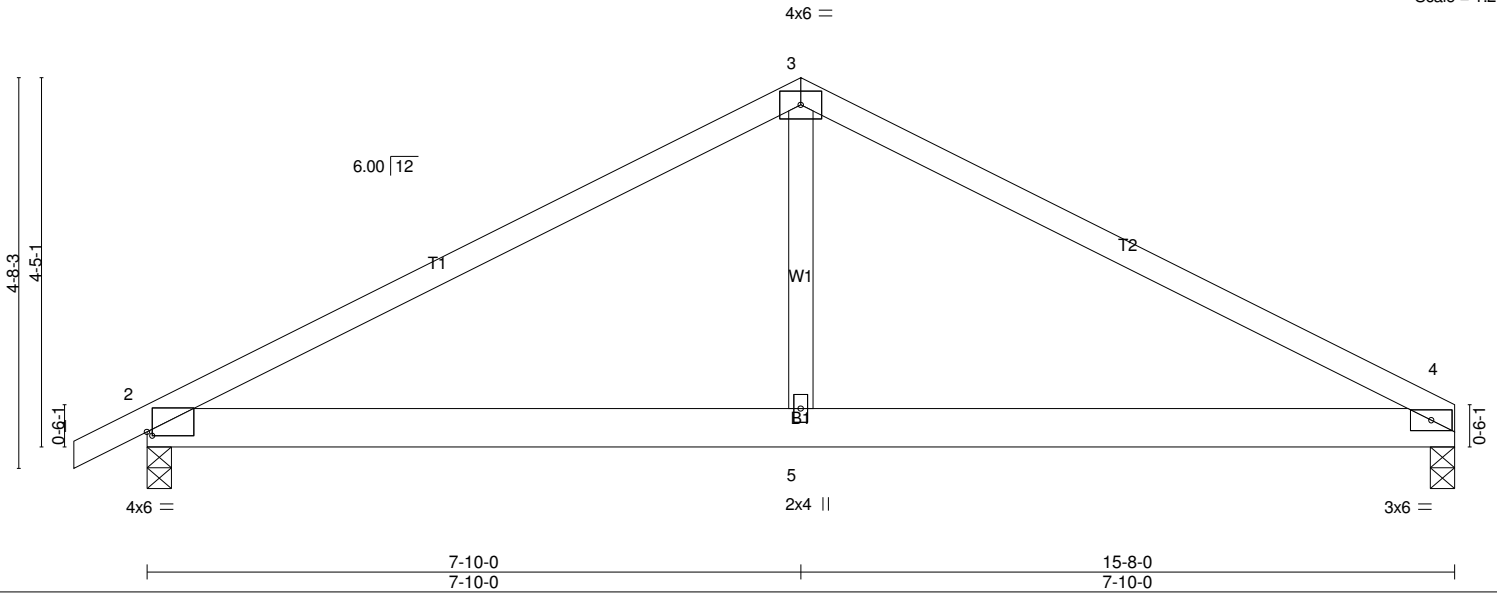


Plate Offsets (X,Y)-- [2:0-0-12,0-0-9]

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 0.69	Vert(LL)	-0.03	2-5	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.28	Vert(CT)	-0.07	2-5	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.14	Horz(CT)	0.01	4	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S	Wind(LL)	0.08	2-5	>999	240		
									Weight: 70 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-1-10 oc bracing.

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

REACTIONS. (size) 4=0-3-8 (min. 0-1-8), 2=0-3-8 (min. 0-1-8)
Max Horz 2=58(LC 9)
Max Uplift 4=135(LC 8), 2=141(LC 9)
Max Grav 4=613(LC 1), 2=678(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-6=-881/828, 3-6=-771/852, 3-7=-753/863, 7-8=-771/839, 4-8=-876/838
BOT CHORD 2-5=-646/683, 4-5=-646/683
WEBS 3-5=-507/394

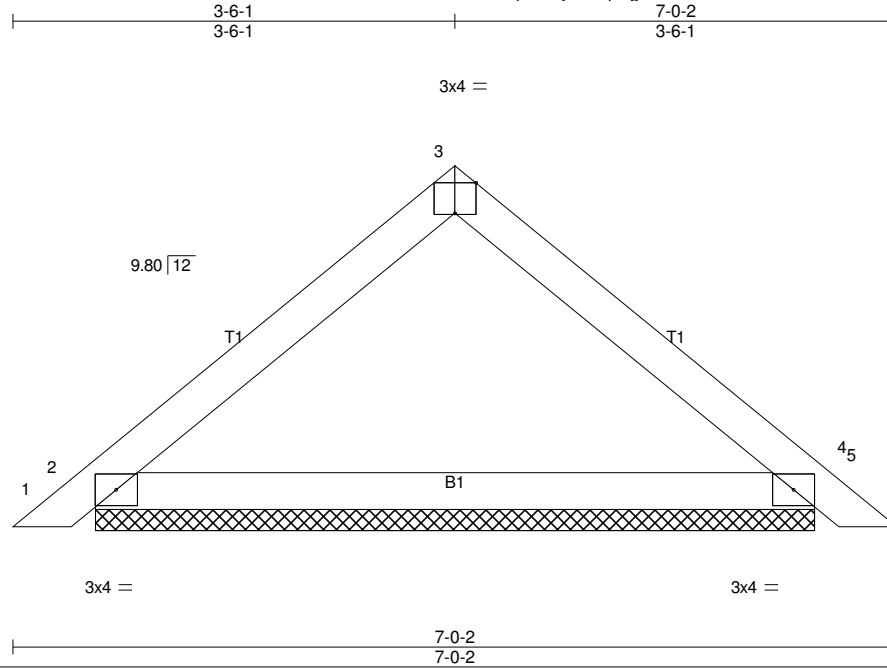
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-10-8 to 3-6-5, Interior(1) 3-6-5 to 7-10-0, Exterior(2) 7-10-0 to 12-2-13, Interior(1) 12-2-13 to 15-6-4 zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=135, 2=141.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job J0321-1555	Truss PB1	Truss Type GABLE	Qty 20	Ply 1	LOT 9 WOODBURY FARMS
-------------------	--------------	---------------------	-----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:58 2021 Page 1
ID:9SqOxd9jmMCpYgVKAOMRJoZlMfR-seSeZzU0x8waDQQRsZuttLj09yA18SLAr12gpJzZMDN



Scale = 1:18.3

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.12	Vert(LL)	0.00	5	n/r	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.31	Vert(CT)	0.00	5	n/r		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.00	Horz(CT)	0.00	4	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-P						
	Code IRC2015/TPI2014						Weight: 22 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1

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. (size) 2=5-8-7 (min. 0-1-8), 4=5-8-7 (min. 0-1-8)
Max Horz 2=-64(LC 10)
Max Uplift 2=-16(LC 12), 4=-16(LC 13)
Max Grav 2=254(LC 1), 4=254(LC 1)

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

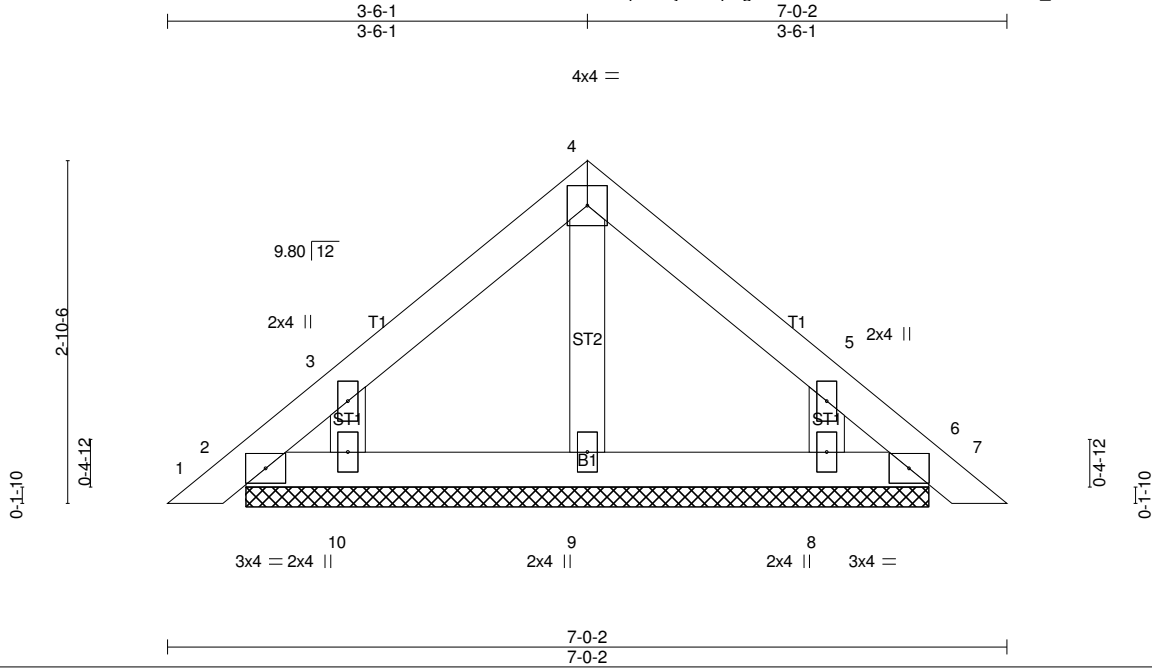
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job J0321-1555	Truss PB1GE	Truss Type GABLE	Qty 2	Ply 1	LOT 9 WOODBURY FARMS
-------------------	----------------	---------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:59 2021 Page 1
ID:9SqOxd9jmMCpYgVKAOMRjOzZImR-Lr?0nJVehS2Rra_e?h?6PZFC9LaPtvCK4yoDLizZMDM



Scale = 1:19.2

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.04	Vert(LL) -0.00	6	n/r	120	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.02	Vert(CT) -0.00	6	n/r	120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.03	Horz(CT) 0.00	6	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-P						
	Code IRC2015/TPI2014						Weight: 27 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

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 5-8-7.
(lb) - Max Horz 2=-80(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6 except 10=-112(LC 12), 8=-111(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9, 10, 8

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

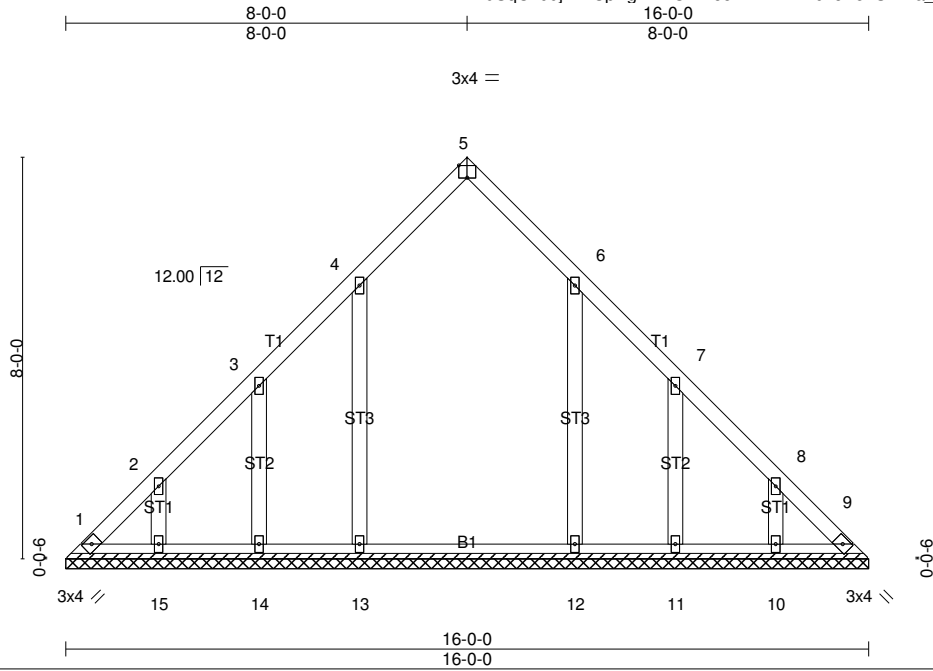
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6 except (it=lb) 10=112, 8=111.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job J0321-1555	Truss V1GE	Truss Type GABLE	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
-------------------	---------------	---------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:29:59 2021 Page 1
ID:9SqOxd9jmMCpYgVKAOMRJoZzImR-Lr?0nJVehS2Rra_e?h?6PZFCvLYJtu3K4yoDLizZMDM



Scale = 1:45.9

Plate Offsets (X,Y)-- [5:0-2:0,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 0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.16	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.10	Horz(CT)	0.01	9	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S							
								Weight: 85 lb	FT = 20%	

LUMBER-
 TOP CHORD 2x4 SP No.1
 BOT CHORD 2x4 SP No.1
 OTHERS 2x4 SP No.2

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 16'-0-0.
 (lb) - Max Horz 1=229(LC 9)
 Max Uplift All uplift 100 lb or less at joint(s) 1, 9 except 13=123(LC 12), 14=152(LC 12), 15=132(LC 12),
 12=119(LC 13), 11=154(LC 13), 10=132(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) 9, 14, 15, 11, 10 except 1=250(LC 12), 13=378(LC 19),
 12=373(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-374/238, 2-3=-253/141, 7-8=-250/141, 8-9=-370/238
 BOT CHORD 1-15=-181/287, 14-15=-181/287, 13-14=-181/287, 12-13=-181/287, 11-12=-181/287,
 10-11=-181/287, 9-10=-181/287

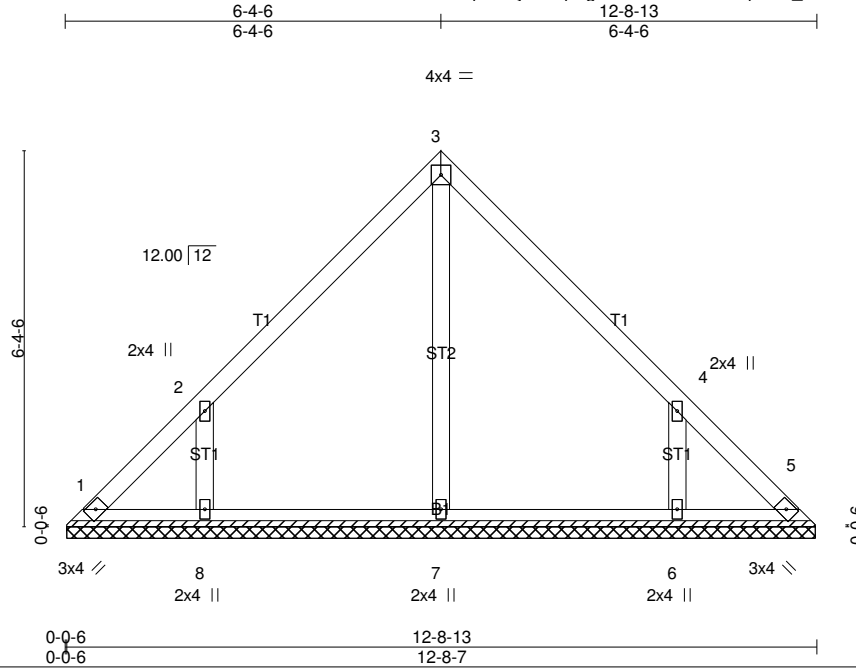
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-4-4 to 4-9-0, Interior(1) 4-9-0 to 8-0-0, Exterior(2) 8-0-0 to 12-1-12, Interior(1) 12-1-12 to 15-7-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9 except (jt=lb) 13=123, 14=152, 15=132, 12=119, 11=154, 10=132.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job J0321-1555	Truss V2	Truss Type Valley	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
-------------------	-------------	----------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:30:00 2021 Page 1
ID:9SqOxd9jmMCpYgVKAOMRjOzZImR-p1ZO_fwGSIHTjZqZOWLymoLNtncLVTJcXnuCzZMDL



Scale = 1:39.0

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 0.14	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.14	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.09	Horz(CT)	0.00	5	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-S						Weight: 58 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

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 12-8-1.
(lb) - Max Horz 1=-144(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=-161(LC 12), 6=-161(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=378(LC 19), 8=367(LC 19), 6=366(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-356/291, 4-6=-356/291

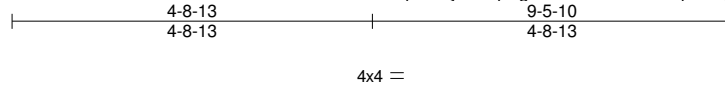
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-4 to 4-9-0, Interior(1) 4-9-0 to 6-4-6, Exterior(2) 6-4-6 to 10-9-3, Interior(1) 10-9-3 to 12-4-9 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=161, 6=161.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

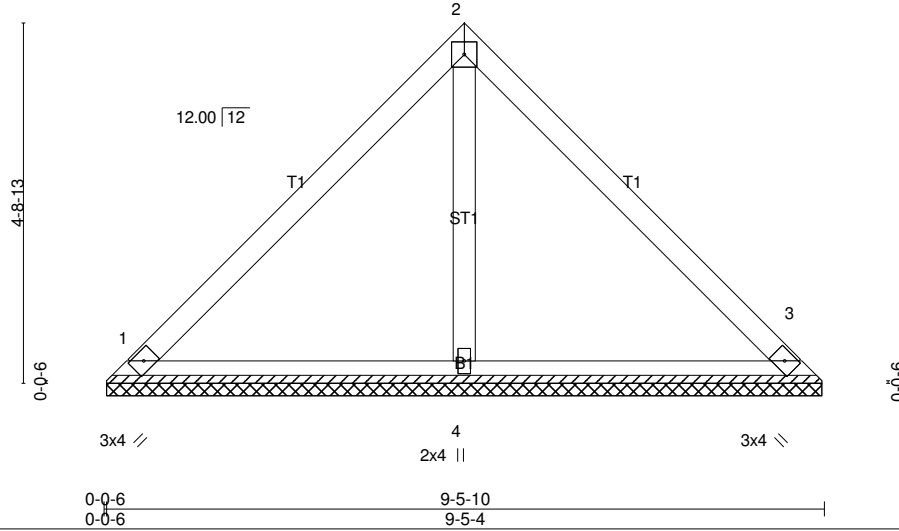
Job J0321-1555	Truss V3	Truss Type Valley	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
-------------------	-------------	----------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:30:00 2021 Page 1
ID:9SqOxd9jmMCpYgVKAOMRJoZzImR-p1ZO_fWGSIAHTjZqZOWLymoKFIticMyTJcXnuCzZMDL



Scale = 1:30.3



LOADING (psf)	SPACING-	CS.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.21	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.14	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.06	Horz(CT)	0.00	3	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-S						
	Code IRC2015/TPI2014						Weight: 39 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD
BOT CHORD

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

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

REACTIONS. (size) 1=9-4-14 (min. 0-1-8), 3=9-4-14 (min. 0-1-8), 4=9-4-14 (min. 0-1-8)
Max Horz 1=105(LC 9)
Max Uplift 1=-26(LC 13), 3=-26(LC 13)
Max Grav 1=199(LC 1), 3=199(LC 1), 4=304(LC 1)

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

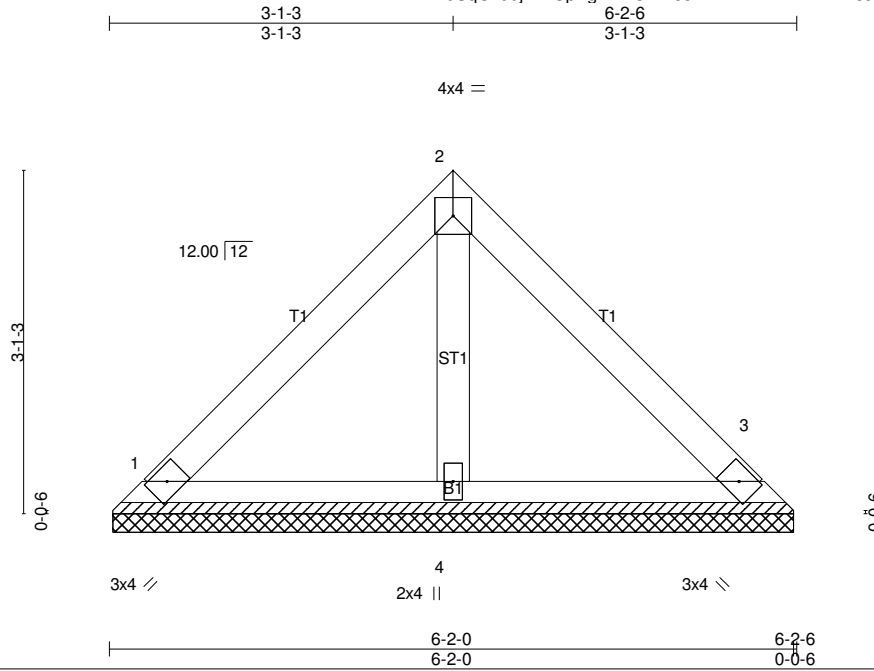
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job J0321-1555	Truss V4	Truss Type Valley	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
-------------------	-------------	----------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:30:01 2021 Page 1
 ID:9SqOxd9jmMCpYgVKAOMR.JozZlmR-HD7mB?XvD3J84i80761aU_LXL9FLLprcXGHKQezZMDK



Scale = 1:20.8

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.12	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.06	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.02	Horz(CT)	0.00	3	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-P						
	Code IRC2015/TPI2014						Weight: 24 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.1
 BOT CHORD 2x4 SP No.1
 OTHERS 2x4 SP No.2

BRACING-
 TOP CHORD
 BOT CHORD

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

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

REACTIONS. (size) 1=6-1-10 (min. 0-1-8), 3=6-1-10 (min. 0-1-8), 4=6-1-10 (min. 0-1-8)
 Max Horz 1=-66(LC 8)
 Max Uplift1=-24(LC 13), 3=-24(LC 13)
 Max Grav 1=134(LC 1), 3=134(LC 1), 4=172(LC 1)

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

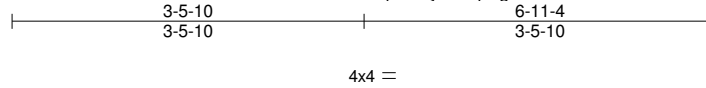
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BC DL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

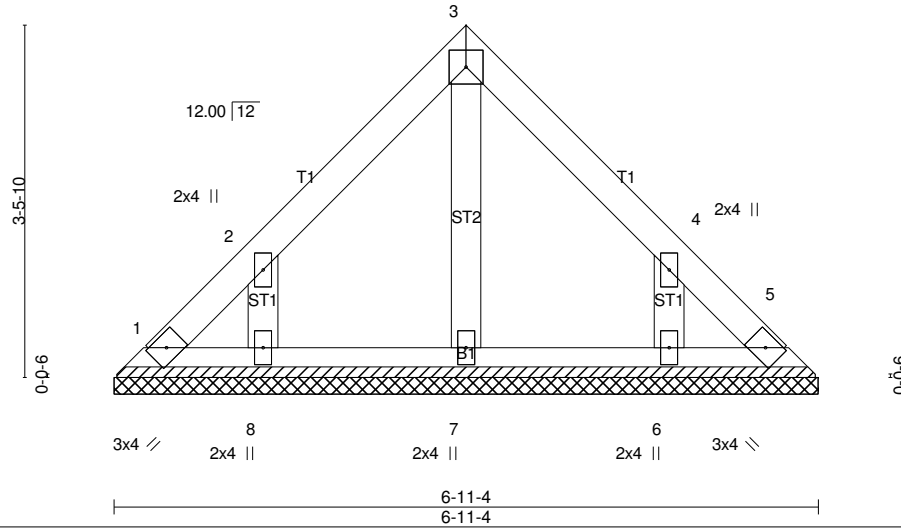
Job J0321-1555	Truss VA1GE	Truss Type GABLE	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
-------------------	----------------	---------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:30:01 2021 Page 1
ID:9SqOxd9jmMCpYgVKAOMR.JozZimR-HD7mB?XvD3J84t80761aU_LYZ9FtLpccXGHKQezZMDK



Scale = 1:22.7



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 0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.02	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.03	Horz(CT)	0.00	5	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P						Weight: 30 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD
BOT CHORD

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

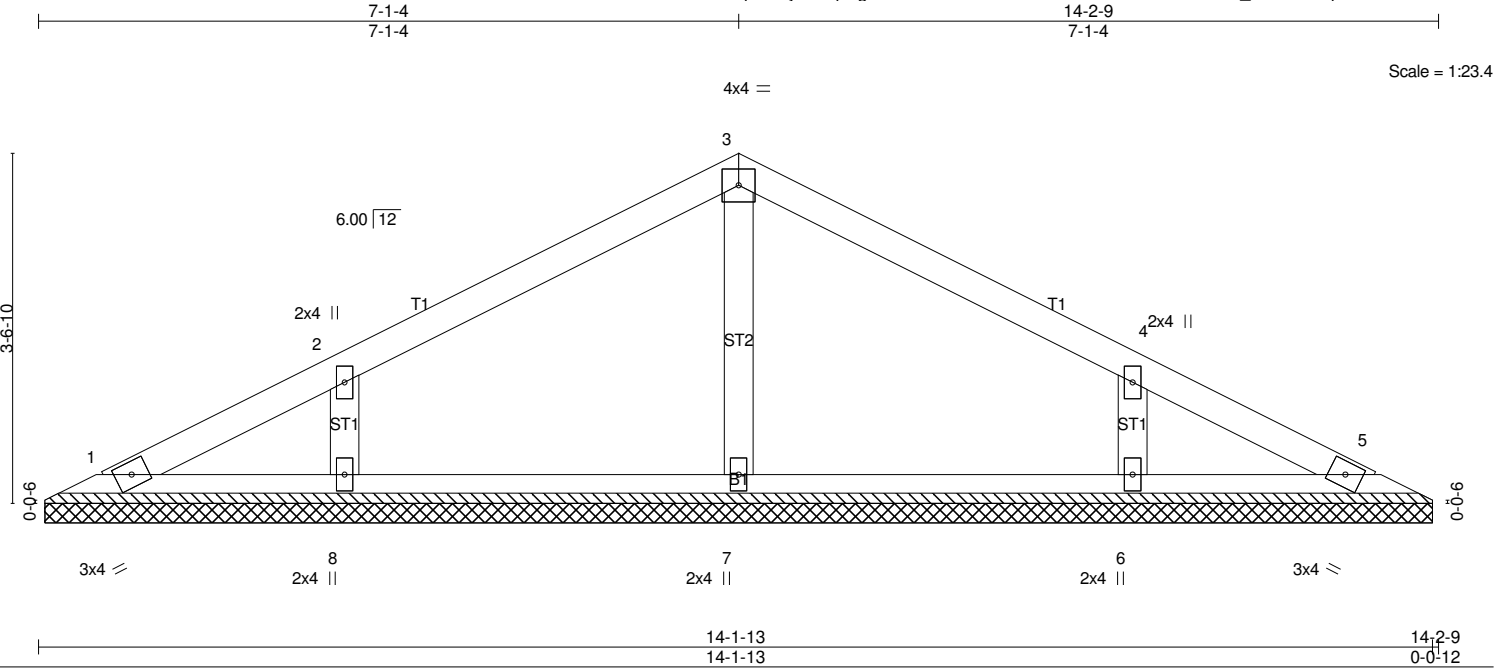
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 6-11-4.
(lb) - Max Horz 1=93(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 8=-146(LC 12), 6=-146(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7, 8, 6

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=146, 6=146.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.13	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.09	Vert(LL) n/a - n/a 999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.04	Vert(CT) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.00 5 n/a n/a		
	Code IRC2015/TPI2014			Weight: 50 lb	FT = 20%

LUMBER- TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 OTHERS 2x4 SP No.2	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 14-1-1.
 (lb) - Max Horz 1=42(LC 9)
 Max Uplift All uplift 100 lb or less at joint(s) 1, 8, 6
 Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=283(LC 1), 8=311(LC 23), 6=311(LC 24)

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

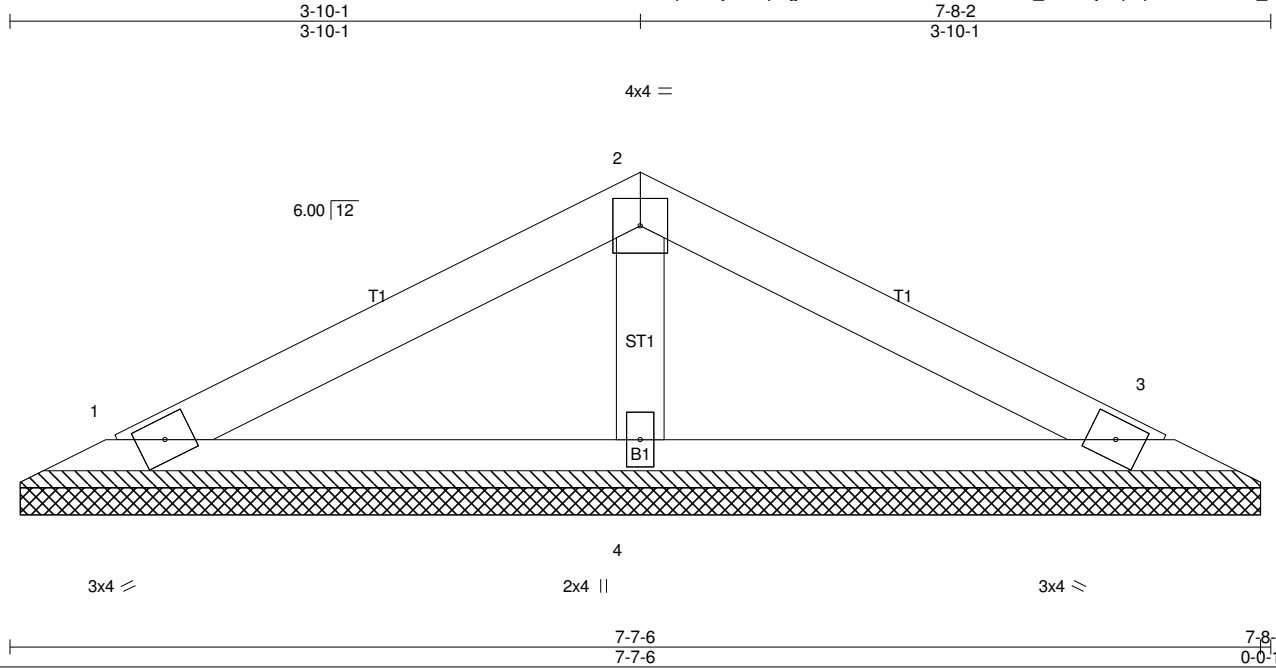
- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-7-13 to 5-0-10, Interior(1) 5-0-10 to 7-1-4, Exterior(2) 7-1-4 to 11-6-1, Interior(1) 11-6-1 to 13-6-1 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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 30.0psf 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, 8, 6.
 - 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job J0321-1555	Truss VB2	Truss Type Valley	Qty 1	Ply 1	LOT 9 WOODBURY FARMS
-------------------	--------------	----------------------	----------	----------	----------------------

Comtech, Inc., Fayetteville, NC 28309, Lenny Norris

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Fri Mar 19 14:30:02 2021 Page 1
 ID:9SqOxd9jmMCpYgVKAOMRJoZzImR-lQh8PLXX_MR?i1jDhpYp1BthuZaH4G_mmw0ty4zZMDJ



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.14	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.08	Vert(LL) n/a - n/a 999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.02	Vert(CT) n/a - n/a 999		
BCDL 10.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.00 3 n/a n/a		
	Code IRC2015/TPI2014			Weight: 24 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.1
 BOT CHORD 2x4 SP No.1
 OTHERS 2x4 SP No.2

BRACING-
 TOP CHORD
 BOT CHORD

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

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

REACTIONS. (size) 1=7-6-10 (min. 0-1-8), 3=7-6-10 (min. 0-1-8), 4=7-6-10 (min. 0-1-8)
 Max Horz 1=-21(LC 8)
 Max Uplift 1=-21(LC 12), 3=-24(LC 13)
 Max Grav 1=130(LC 1), 3=130(LC 1), 4=250(LC 1)

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TC DL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard