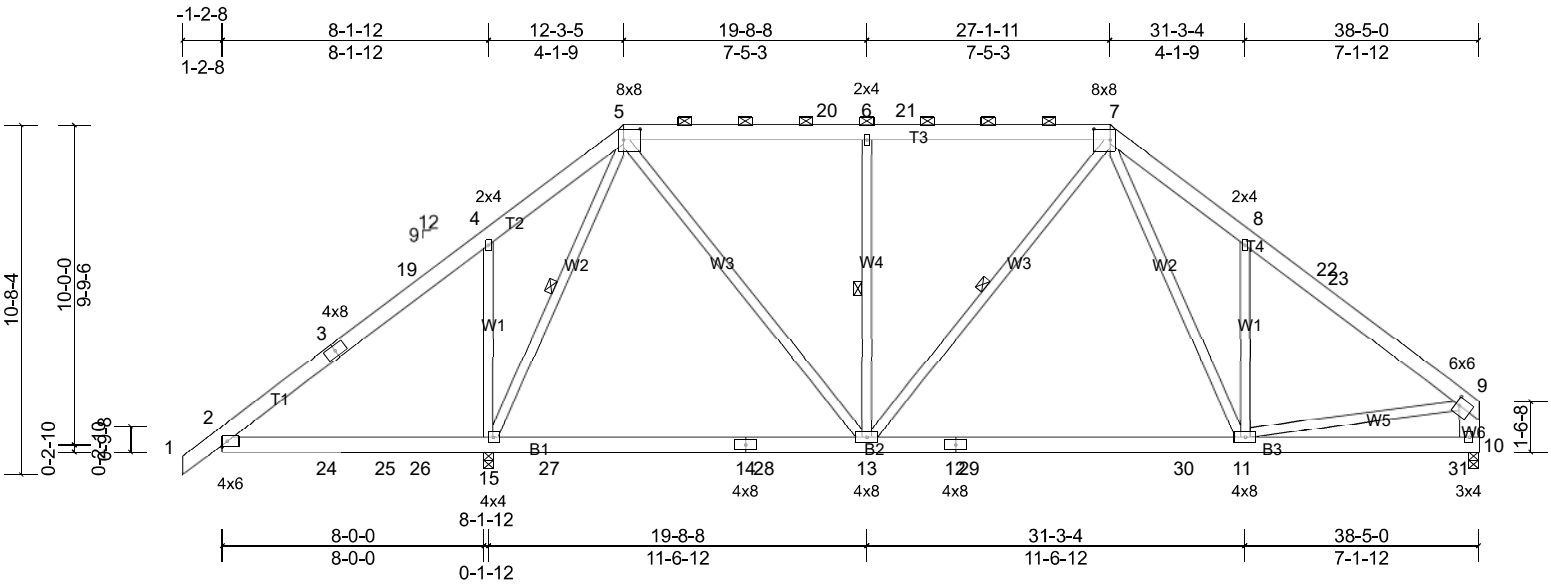
Job	Truss	Truss Type	Qty	Ply	
B0625-3026	A1	Piggyback Base	4	1	Job Reference (optional)



Scale = 1:70.5

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	-0.21	11-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.60	Vert(CT)	-0.30	11-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	-0.05	13-15	>999	240	Weight: 306 lb	FT = 25%

LUMBER
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2 *Except* W6:2x8 SP No.1

REACTIONS (lb/size) 10=1089/0-3-8, (min. 0-1-9), 15=2033/0-3-8, (min. 0-2-15)
Max Horiz 15=292 (LC 9)
Max Uplift 10=-262 (LC 13), 15=-452 (LC 12)
Max Grav 10=1340 (LC 28), 15=2480 (LC 2)

BRACING
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 5-7.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-13, 7-13, 5-15

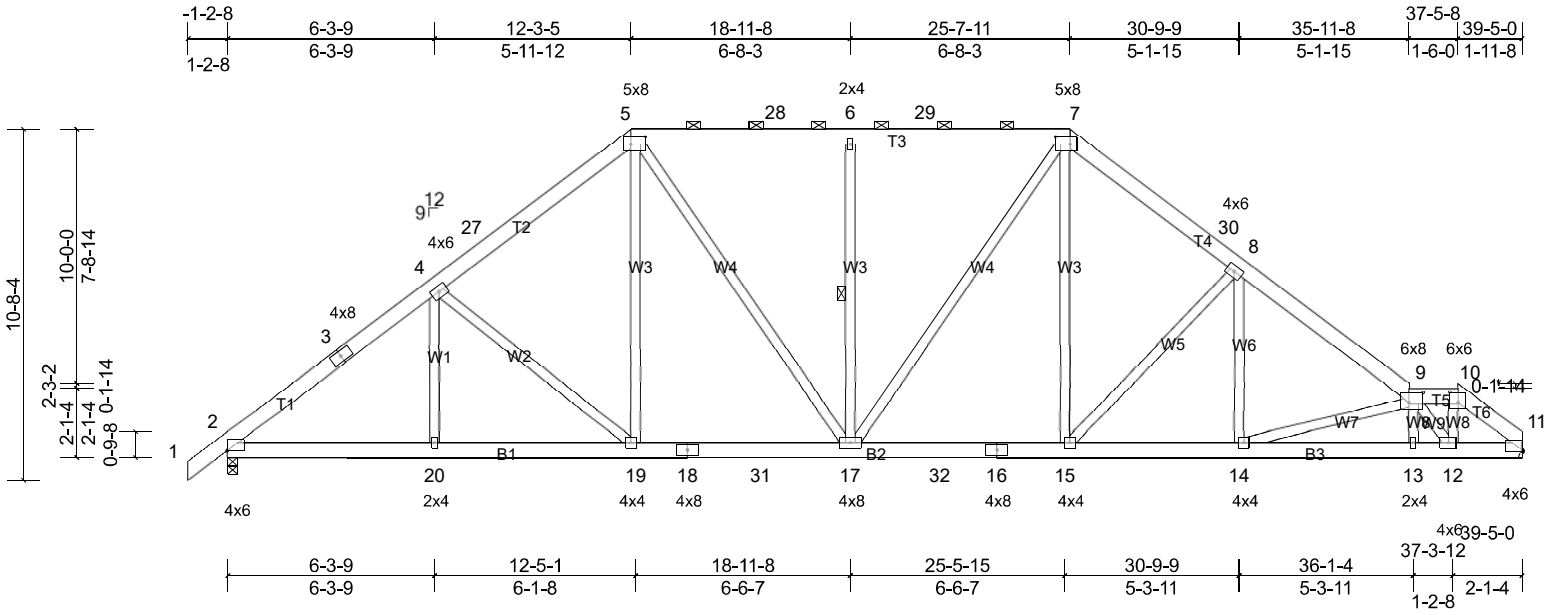
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-509/517, 3-19=-492/522, 4-19=-464/685, 4-5=-272/563, 5-20=-1050/317, 6-20=-1050/317, 6-21=-1050/317, 7-21=-1050/317, 7-8=-1570/555, 8-22=-1482/314, 22-23=-1493/297, 9-23=-1625/290, 9-10=-1277/290
BOT CHORD 2-24=-435/527, 24-25=-435/527, 25-26=-435/527, 15-26=-435/527, 15-27=-203/334, 14-27=-203/334, 14-28=-203/334, 13-28=-203/334, 12-13=-113/976, 12-29=-113/976, 29-30=-113/976, 11-30=-113/976
WEBS 5-13=-202/1217, 6-13=-505/295, 5-15=-1605/446, 7-11=-259/774, 4-15=-535/439, 9-11=-52/1009, 8-11=-393/355

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 18-6-0, Interior (1) 18-6-0 to 27-1-11, Exterior(2R) 27-1-11 to 33-4-5, Interior (1) 33-4-5 to 38-1-6 zone; cantilever left 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 3-06-00 tall by 2-00-00 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 452 lb uplift at joint 15 and 262 lb uplift at joint 10.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	Truss	Truss Type	Qty	Ply	
B0625-3026	A10	Piggyback Base	1	1	Job Reference (optional)



Scale = 1:70.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	-0.11	15-17	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.46	Vert(CT)	-0.19	15-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.07	11	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.07	13-14	>999	240	Weight: 328 lb	FT = 25%

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

REACTIONS (lb/size) 2=1650/0-3-8, (min. 0-2-3), 11=1576/ Mechanical, (min. 0-1-8)
Max Horiz 2=296 (LC 9)
Max Uplift 2=-272 (LC 12), 11=-258 (LC 13)
Max Grav 2=1855 (LC 2), 11=1784 (LC 2)

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (5-5-0 max.): 5-7, 9-10.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-17

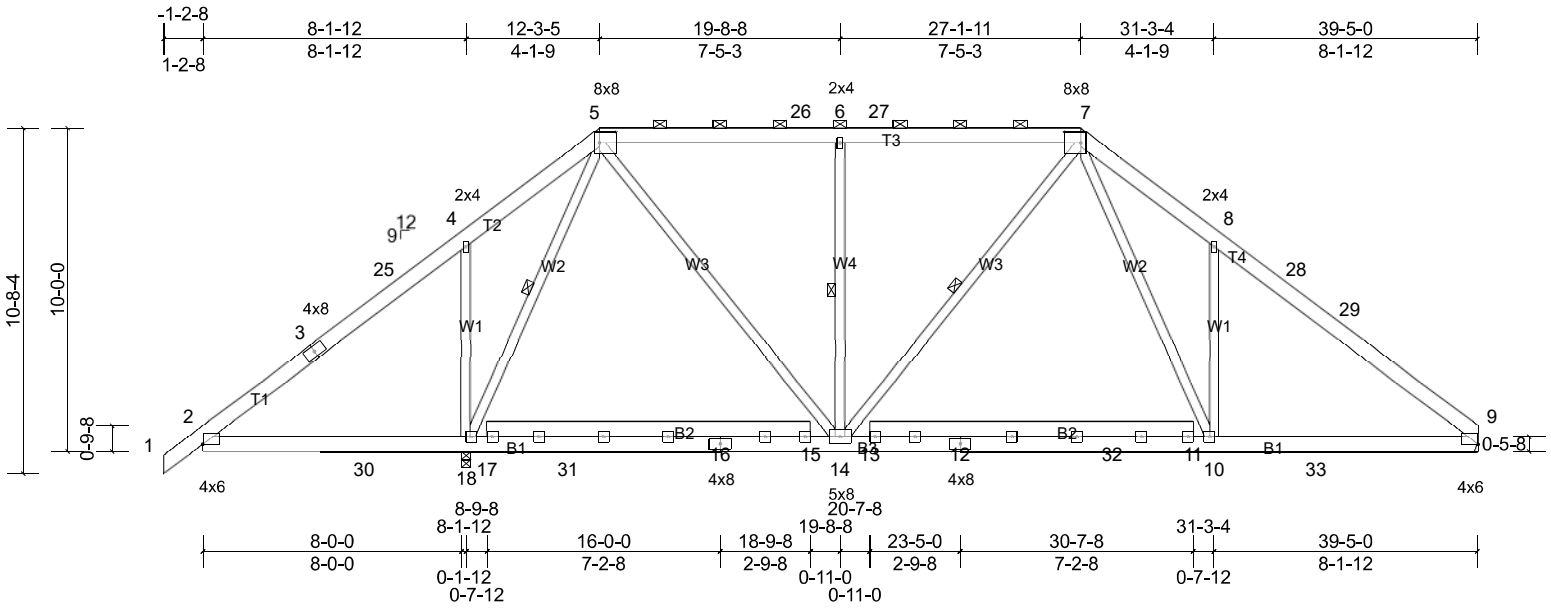
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2523/414, 3-4=-2416/438, 4-27=-2170/441, 5-27=-2087/480, 5-28=-1945/494, 6-28=-1945/494, 6-29=-1945/494, 7-29=-1945/494, 7-30=-2135/513, 8-30=-2276/480, 8-9=-2822/514, 9-10=-2062/373, 10-11=-2462/421
BOT CHORD 2-20=-331/1968, 19-20=-331/1968, 18-19=-256/1670, 18-31=-256/1670, 17-31=-256/1670, 17-32=-124/1761, 16-32=-124/1761, 15-16=-124/1761, 14-15=-278/2213, 13-14=-522/3246, 12-13=-515/3251, 11-12=-302/1947
WEBS 4-19=-487/287, 5-19=-104/627, 5-17=-233/555, 6-17=-434/264, 7-17=-226/413, 7-15=-157/849, 8-15=-771/315, 8-14=-32/550, 9-14=-1087/287, 9-12=-1884/307, 10-12=-228/1329

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 16-8-2, Interior (1) 16-8-2 to 25-7-11, Exterior(2R) 25-7-11 to 30-0-7, Interior (1) 30-0-7 to 37-5-8, Exterior(2E) 37-5-8 to 39-5-0 zone;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 3-06-00 tall by 2-00-00 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 258 lb uplift at joint 11 and 272 lb uplift at joint 2.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	A2	Piggyback Base	5	1	Job Reference (optional)



Scale = 1:71.3

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	-0.08	10-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.63	Vert(CT)	-0.19	10-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.05	10-21	>999	240	Weight: 345 lb	FT = 25%

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, except 2-0-0 oc purlins (6-0-0 max.): 5-7.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-14, 7-14, 5-18

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

REACTIONS (lb/size) 9=1291/ Mechanical, (min. 0-1-8), 18=2329/0-3-8, (min. 0-3-2)
Max Horiz 18=296 (LC 11)
Max Uplift 9=-133 (LC 13), 18=-207 (LC 12)
Max Grav 9=1524 (LC 28), 18=2646 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-302/591, 3-25=-164/592, 4-25=-149/732, 4-5=0/547, 5-26=-1203/139, 6-26=-1203/139, 6-27=-1203/139, 7-27=-1203/139, 7-8=-2016/423, 8-28=-1899/134, 28-29=-1944/107, 9-29=-2071/104
BOT CHORD 2-30=-514/305, 18-30=-514/305, 17-18=-135/402, 17-31=-139/395, 16-31=-135/403, 15-16=-148/384, 14-15=-135/402, 13-14=0/1176, 12-13=0/1154, 12-32=0/1176, 11-32=0/1168, 10-11=0/1176, 10-33=0/1555, 9-33=0/1555
WEBS 5-14=-12/1380, 6-14=-503/297, 4-18=-561/437, 8-10=-467/430, 5-18=-1747/60, 7-10=-271/1156

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 18-6-0, Interior (1) 18-6-0 to 27-1-11, Exterior(2R) 27-1-11 to 33-4-5, Interior (1) 33-4-5 to 39-5-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 150.0lb AC unit load placed on the bottom chord, 12-7-0 from left end, supported at two points, 5-0-0 apart.
4) Bottom chord live load (10.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 14-18
5) Uninhabitable Mechanical zone exists 14-18.
6) 150.0lb AC unit load placed on the bottom chord, 24-5-0 from left end, supported at two points, 5-0-0 apart.
7) Bottom chord live load (10.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 10-14
8) Uninhabitable Mechanical zone exists 10-14.
9) Provide adequate drainage to prevent water ponding.
10) All plates are 4x4 MT20 unless otherwise indicated.
11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
12) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
13) Refer to girder(s) for truss to truss connections.
14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 133 lb uplift at joint 9 and 207 lb uplift at joint 18.
15) Load case(s) 1, 2 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
16) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
17) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

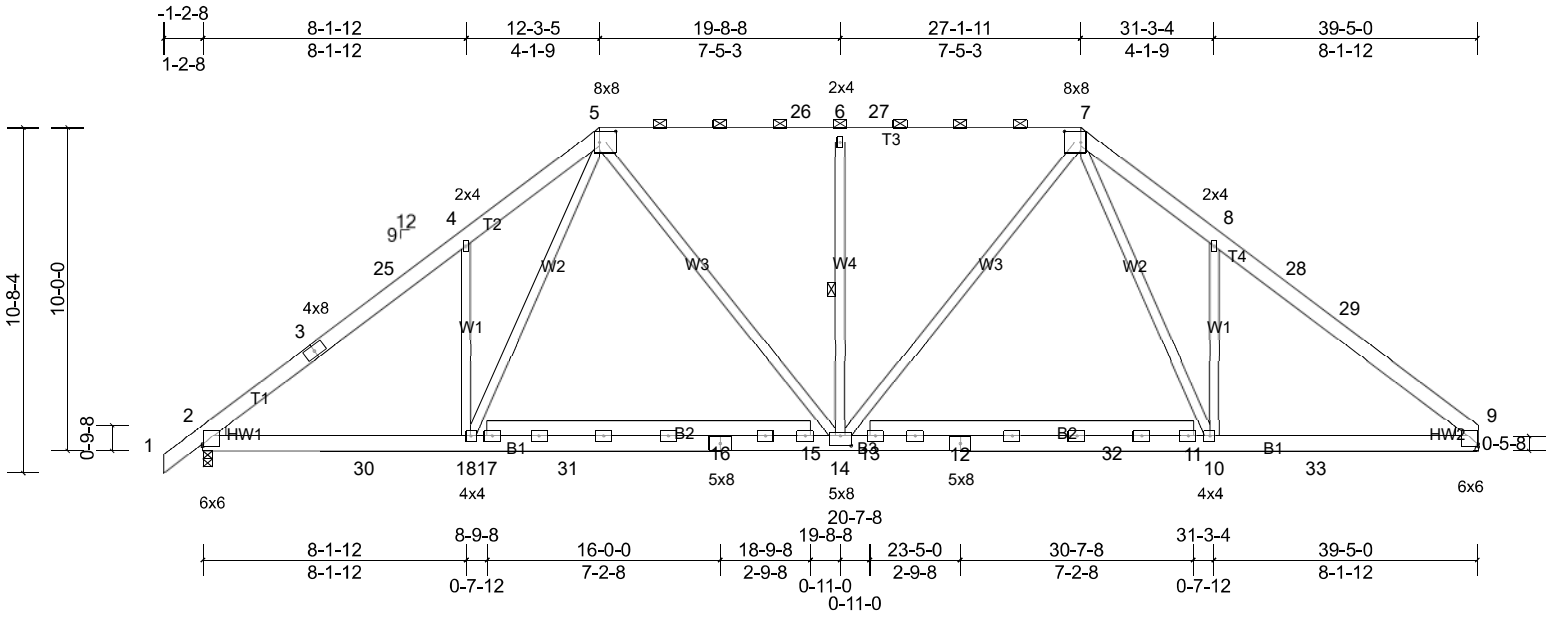
LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15

Continued on page 2

Uniform Loads (lb/ft)
Vert: 1-5=-60, 5-7=-60, 7-9=-60, 22-31=-20, 16-31=-30, 12-16=-20, 12-32=-30, 19-32=-20
Concentrated Loads (lb)
Vert: 16=-75, 12=-75, 31=-75, 32=-75

2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-5=-50, 5-7=-50, 7-9=-50, 22-30=-35, 18-30=-65, 18-31=-35, 16-31=-60, 12-16=-35, 12-32=-60, 10-32=-35, 10-33=-65, 19-33=-35
Concentrated Loads (lb)
Vert: 16=-75, 12=-75, 31=-75, 32=-75

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	A3	Piggyback Base	3	1	Job Reference (optional)



Scale = 1:71.3

Plate Offsets (X, Y): [2:Edge,0-1-1], [5:0-6-0,0-4-0], [7:0-6-0,0-4-0], [9:Edge,0-1-1], [14:0-4-0,0-3-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	-0.11	14-18	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.26	14-18	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.07	9	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.06	14-18	>999	240	Weight: 347 lb	FT = 25%

LUMBER
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
WEDGE Left: 2x4 SP No.3
Right: 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (5-0-15 max.): 5-7.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-14

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

REACTIONS (lb/size) 2=1847/0-3-8, (min. 0-2-8), 9=1773/ Mechanical, (min. 0-1-8)
Max Horiz 2=296 (LC 11)
Max Uplift 2=-164 (LC 12), 9=-130 (LC 13)
Max Grav 2=2099 (LC 2), 9=2037 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2878/91, 3-25=-2739/95, 4-25=-2706/125, 4-5=-2807/412, 5-26=-2273/133, 6-26=-2273/133, 6-27=-2273/133, 7-27=-2273/133, 7-8=-2814/418, 8-28=-2711/128, 28-29=-2746/101, 9-29=-2883/98
BOT CHORD 2-30=-276/2192, 18-30=-122/2192, 17-18=-77/1839, 17-31=-81/1832, 16-31=-77/1840, 15-16=-90/1814, 14-15=-77/1839, 13-14=0/1841, 12-13=0/1815, 12-32=0/1841, 11-32=0/1833, 10-11=0/1841, 10-33=0/2197, 9-33=0/2197
WEBS 4-18=-439/427, 6-14=-483/297, 8-10=-445/431, 5-18=-264/1090, 7-10=-272/1101, 5-14=-79/781, 7-14=-81/780

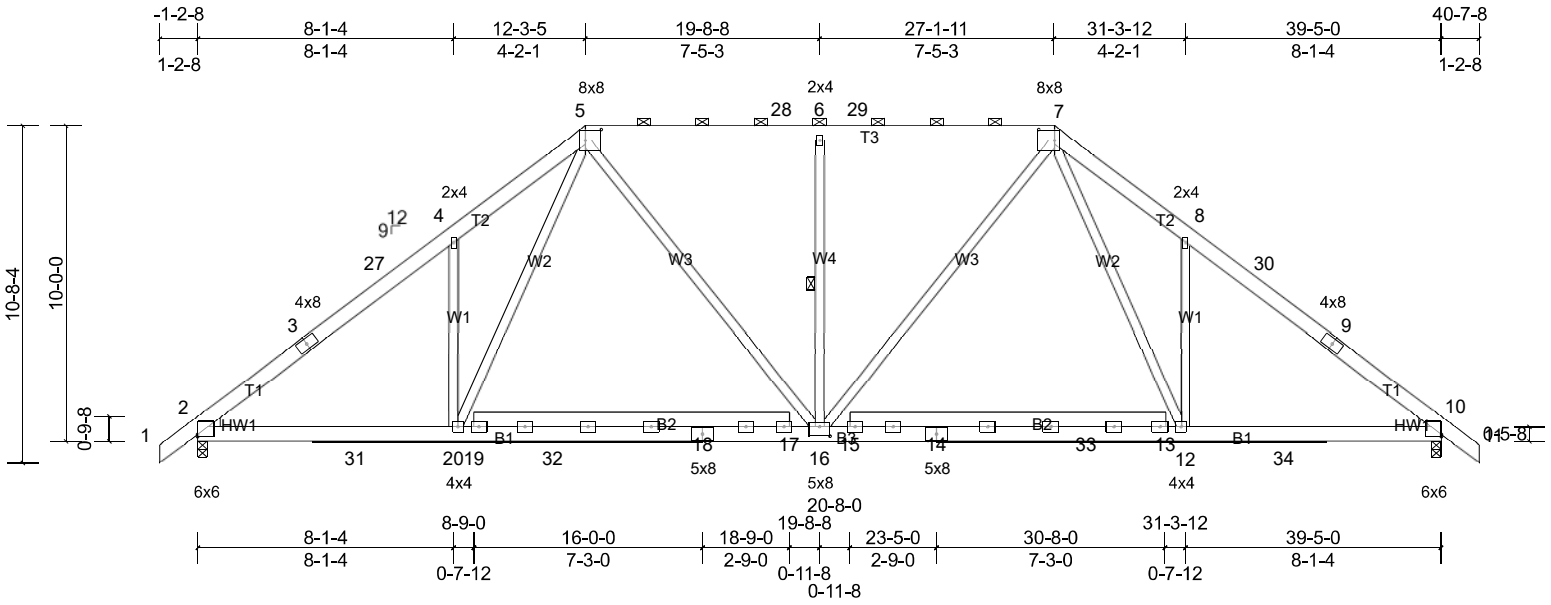
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 18-6-0, Interior (1) 18-6-0 to 27-1-11, Exterior(2R) 27-1-11 to 33-4-5, Interior (1) 33-4-5 to 39-5-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 150.0lb AC unit load placed on the bottom chord, 12-7-0 from left end, supported at two points, 5-0-0 apart.
4) Bottom chord live load (10.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 14-18
5) Uninhabitable Mechanical zone exists 14-18.
6) 150.0lb AC unit load placed on the bottom chord, 24-5-0 from left end, supported at two points, 5-0-0 apart.
7) Bottom chord live load (10.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 10-14
8) Uninhabitable Mechanical zone exists 10-14.
9) Provide adequate drainage to prevent water ponding.
10) All plates are 4x6 MT20 unless otherwise indicated.
11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
12) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
13) Refer to girder(s) for truss to truss connections.
14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 130 lb uplift at joint 9 and 164 lb uplift at joint 2.
15) Load case(s) 1, 2 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
16) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
17) 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

Continued on page 2

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-5=-60, 5-7=-60, 7-9=-60, 22-31=-20, 16-31=-30, 12-16=-20, 12-32=-30, 19-32=-20
   Concentrated Loads (lb)
   Vert: 16=-75, 12=-75, 31=-75, 32=-75
2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-5=-50, 5-7=-50, 7-9=-50, 22-30=-35, 18-30=-65, 18-31=-35, 16-31=-60, 12-16=-35, 12-32=-60, 10-32=-35, 10-33=-65, 19-33=-35
   Concentrated Loads (lb)
   Vert: 16=-75, 12=-75, 31=-75, 32=-75

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	A4	Piggyback Base	3	1	Job Reference (optional)



Scale = 1:73.1

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	-0.11	16-20	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.81	Vert(CT)	-0.26	16-20	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.07	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.06	16-20	>999	240	Weight: 350 lb	FT = 25%

LUMBER
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
WEDGE Left: 2x4 SP No.3
Right: 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (5-1-0 max.): 5-7.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-16

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

REACTIONS (lb/size) 2=1847/0-3-8, (min. 0-2-8), 10=1847/0-3-8, (min. 0-2-8)
Max Horiz 2=-305 (LC 10)
Max Uplift 2=-164 (LC 12), 10=-164 (LC 13)
Max Grav 2=2098 (LC 2), 10=2098 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2879/90, 3-27=-2740/94, 4-27=-2707/123, 4-5=-2808/410, 5-28=-2271/132, 6-28=-2271/132, 6-29=-2271/132, 7-29=-2271/132, 7-8=-2808/410, 8-30=-2707/123, 9-30=-2740/93, 9-10=-2879/90
BOT CHORD 2-31=-258/2206, 20-31=-104/2206, 19-20=-66/1836, 19-32=-70/1829, 18-32=-66/1837, 17-18=-80/1811, 16-17=-66/1836, 15-16=0/1836, 14-15=0/1811, 14-33=0/1837, 13-33=0/1829, 12-13=0/1836, 12-34=0/2192, 10-34=0/2192
WEBS 5-16=-79/781, 6-16=-483/297, 7-16=-81/781, 4-20=-437/426, 8-12=-437/426, 5-20=-262/1089, 7-12=-264/1090

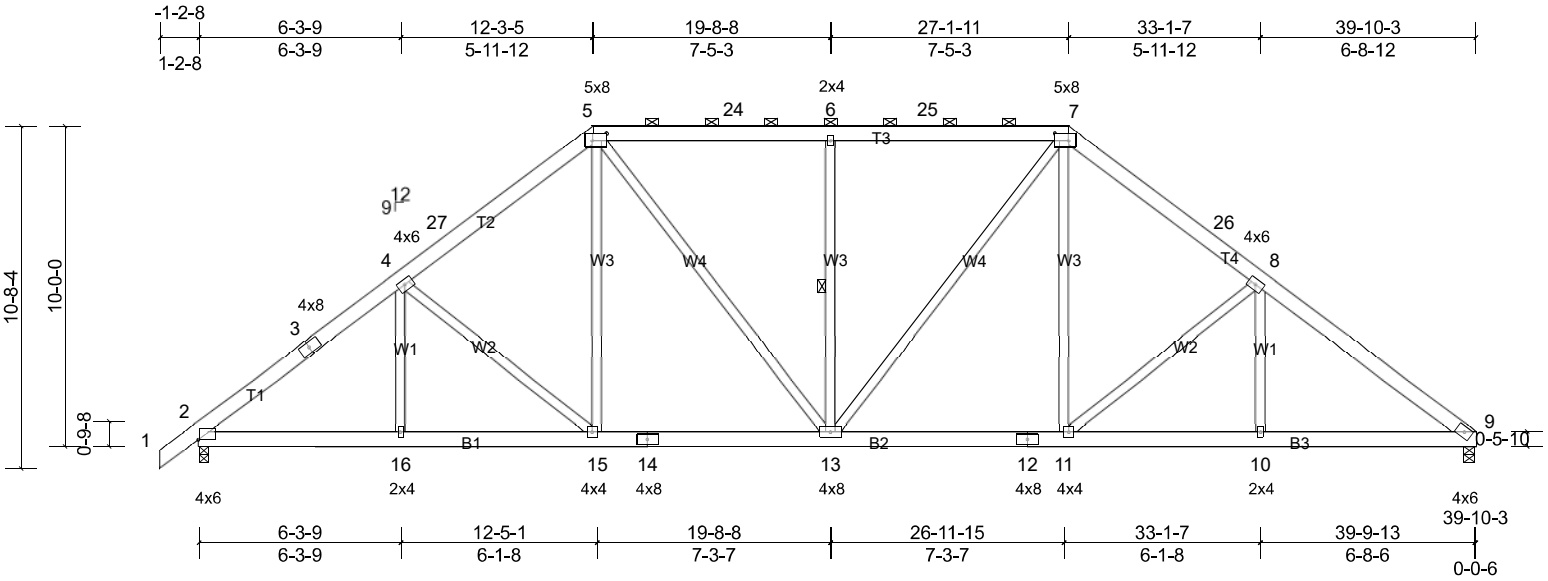
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 18-6-0, Interior (1) 18-6-0 to 27-1-11, Exterior(2R) 27-1-11 to 33-4-5, Interior (1) 33-4-5 to 40-7-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 150.0lb AC unit load placed on the bottom chord, 12-6-8 from left end, supported at two points, 5-0-0 apart.
4) Bottom chord live load (10.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 16-20
5) Uninhabitable Mechanical zone exists 16-20.
6) 150.0lb AC unit load placed on the bottom chord, 24-5-8 from left end, supported at two points, 5-0-0 apart.
7) Bottom chord live load (10.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 12-16
8) Uninhabitable Mechanical zone exists 12-16.
9) Provide adequate drainage to prevent water ponding.
10) All plates are 4x6 MT20 unless otherwise indicated.
11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
12) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 164 lb uplift at joint 2 and 164 lb uplift at joint 10.
14) Load case(s) 1, 2 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
15) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
16) 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

Continued on page 2

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-5=-60, 5-7=-60, 7-11=-60, 21-32=-20, 18-32=-30, 14-18=-20, 14-33=-30, 24-33=-20
   Concentrated Loads (lb)
   Vert: 18=-75, 14=-75, 32=-75, 33=-75
2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-5=-50, 5-7=-50, 7-11=-50, 21-31=-35, 20-31=-65, 20-32=-35, 18-32=-60, 14-18=-35, 14-33=-60, 12-33=-35, 12-34=-65, 24-34=-35
   Concentrated Loads (lb)
   Vert: 18=-75, 14=-75, 32=-75, 33=-75

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	A4A	Piggyback Base	1	1	Job Reference (optional)



Scale = 1:71.9

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	-0.06	13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.28	Vert(CT)	-0.12	11-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.06	9	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.05	13-15	>999	240	Weight: 315 lb	FT = 25%

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

REACTIONS (lb/size) 2=1659/0-3-8, (min. 0-1-15), 9=1589/0-4-3, (min. 0-1-14)
Max Horiz 2=299 (LC 11)
Max Uplift 2=-273 (LC 12), 9=-239 (LC 13)

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (5-10-6 max.): 5-7.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-13

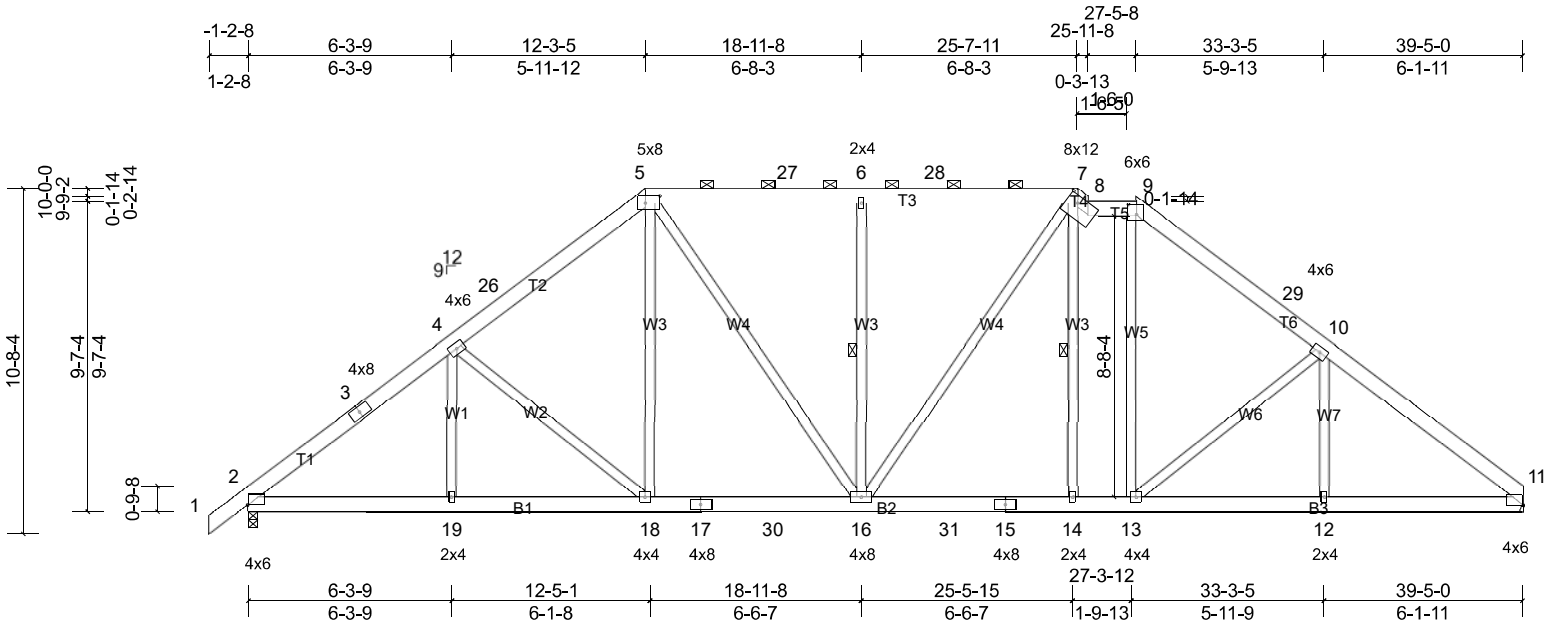
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-24=-1684/496, 6-24=-1684/496, 6-25=-1684/496, 7-25=-1684/496, 7-26=-1812/487, 8-26=-1918/448, 8-9=-2307/454, 2-3=-2237/414, 3-4=-2115/437, 4-27=-1896/441, 5-27=-1795/480
BOT CHORD 2-16=-355/1692, 15-16=-355/1692, 14-15=-282/1435, 13-14=-282/1435, 12-13=-135/1449, 11-12=-135/1449, 10-11=-256/1766, 9-10=-256/1766
WEBS 4-15=-436/287, 5-15=-99/441, 5-13=-246/508, 6-13=-485/293, 7-13=-245/489, 7-11=-107/468, 8-11=-503/305

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 16-8-2, Interior (1) 16-8-2 to 27-1-11, Exterior(2R) 27-1-11 to 31-6-7, Interior (1) 31-6-7 to 39-7-11 zone;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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 239 lb uplift at joint 9 and 273 lb uplift at joint 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	Truss	Truss Type	Qty	Ply	
B0625-3026	A5	Piggyback Base	1	1	Job Reference (optional)



Scale = 1:71.3

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	-0.11	14-16	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.40	Vert(CT)	-0.19	14-16	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.06	11	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.08	14-16	>999	240	Weight: 326 lb	FT = 25%

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, except 2-0-0 oc purlins (5-5-14 max.): 5-7, 8-9.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-16, 7-14

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

REACTIONS (lb/size) 2=1650/0-3-8, (min. 0-2-3), 11=1576/ Mechanical, (min. 0-1-8)
Max Horiz 2=296 (LC 11)
Max Uplift 2=-272 (LC 12), 11=-235 (LC 13)
Max Grav 2=1855 (LC 2), 11=1784 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2523/419, 3-4=-2417/442, 4-26=-2168/443, 5-26=-2085/482, 5-27=-1950/500, 6-27=-1950/500, 6-28=-1950/500, 7-28=-1950/500, 7-8=-1483/365, 8-9=-1735/458, 9-29=-2045/494, 10-29=-2200/457, 10-11=-2504/447
BOT CHORD 2-19=-355/1956, 18-19=-355/1956, 17-18=-280/1669, 17-30=-280/1669, 16-30=-280/1669, 16-31=-153/1735, 15-31=-153/1735, 14-15=-153/1735, 13-14=-157/1735, 12-13=-256/1917, 11-12=-256/1917
WEBS 4-18=-489/287, 5-18=-104/620, 5-16=-238/566, 6-16=-445/274, 7-16=-244/466, 9-13=-79/529, 10-13=-424/298

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 16-8-2, Interior (1) 16-8-2 to 25-7-11, Exterior(2E) 25-7-11 to 25-11-8, Interior (1) 25-11-8 to 27-5-8, Exterior(2R) 27-5-8 to 31-10-5, Interior (1) 31-10-5 to 39-5-0 zone;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 3-06-00 tall by 2-00-00 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 235 lb uplift at joint 11 and 272 lb uplift at joint 2.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	A6	Piggyback Base	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, user — Run: 8.63 S Jul 12 2024 Print: 8.630 S Jul 12 2024 MiTek Industries, Inc. Thu Jun 12 10:02:45 — Page: 1

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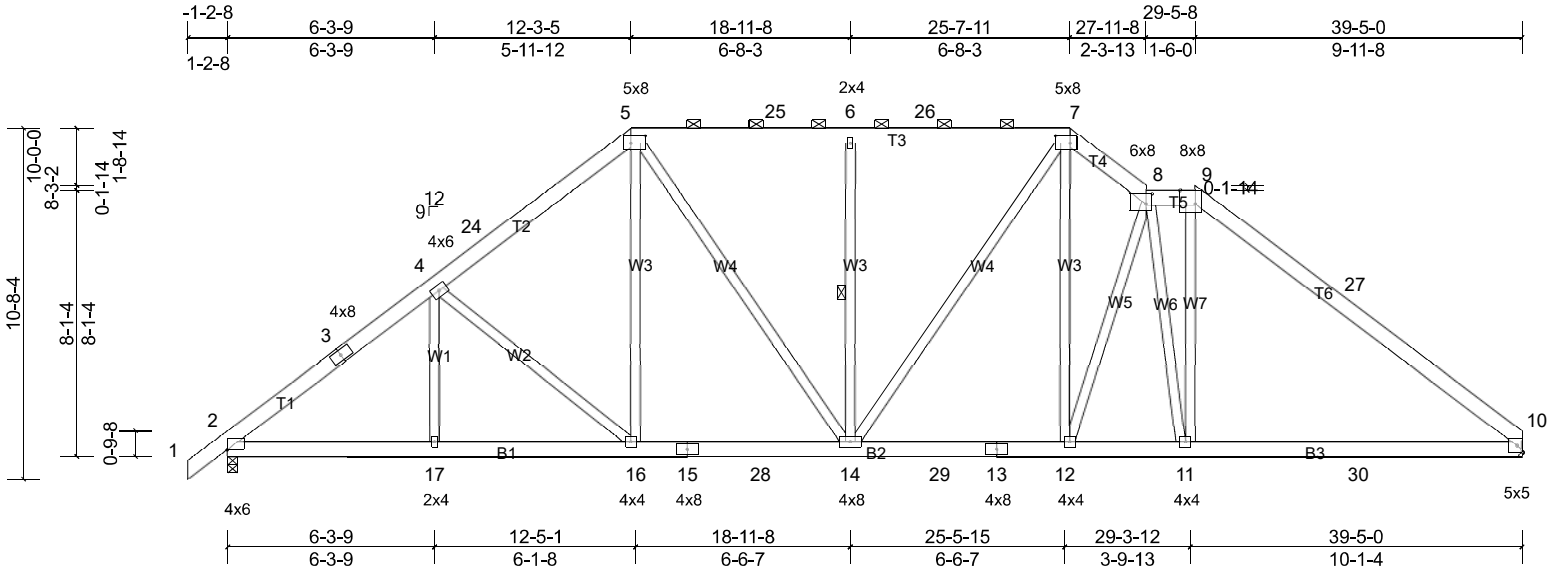


Scale = 1:70.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.32	Vert(LL)	-0.14	11-20	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.50	Vert(CT)	-0.22	11-20	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.06	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.09	11-20	>999	240	Weight: 329 lb	FT = 25%

LUMBER

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

REACTIONS (lb/size) 2=1650/0-3-8, (min. 0-2-4), 10=1576/ Mechanical, (min. 0-1-8)
Max Horiz 2=296 (LC 11)
Max Uplift 2=-272 (LC 12), 10=-258 (LC 13)
Max Grav 2=1886 (LC 2), 10=1912 (LC 2)

BRACING

TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (5-3-6 max.): 5-7, 8-9.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-14

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

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

TOP CHORD 2-3=-2571/418, 3-4=-2463/441, 4-24=-2218/443, 5-24=-2136/482, 5-25=-2006/499, 6-25=-2006/499, 6-26=-2006/499, 7-26=-2006/499, 7-8=-2262/531, 8-9=-1995/467, 9-27=-2426/452, 10-27=-2582/418

BOT CHORD 2-17=-350/2005, 16-17=-350/2005, 15-16=-276/1709, 15-28=-276/1709, 14-28=-276/1709, 14-29=-167/1841, 13-29=-167/1841, 12-13=-167/1841, 11-12=-187/2042, 11-30=-195/1966, 10-30=-195/1966

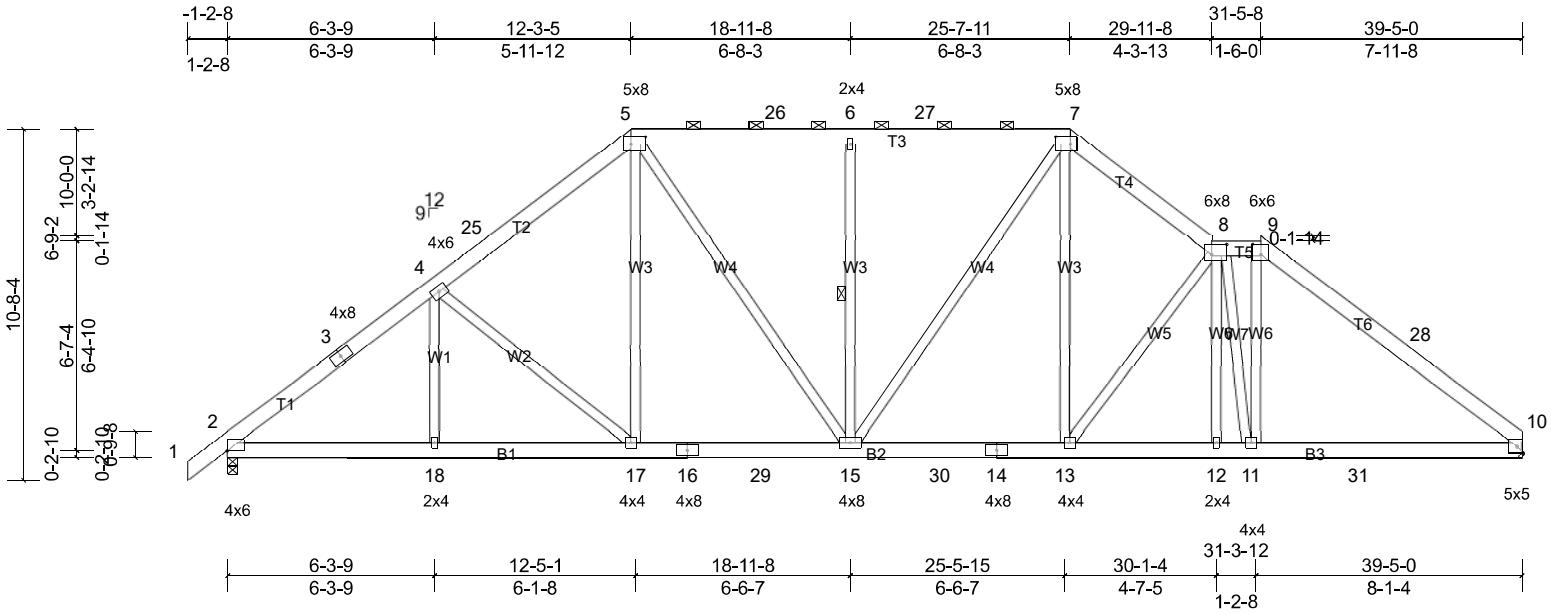
WEBS 4-16=-485/287, 5-16=-104/621, 5-14=-233/594, 6-14=-425/264, 7-14=-197/387, 7-12=-204/883, 8-12=-790/290, 8-11=-431/298, 9-11=-161/845

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 16-8-2, Interior (1) 16-8-2 to 25-7-11, Exterior(2E) 25-7-11 to 27-11-8, Interior (1) 27-11-8 to 29-5-8, Exterior(2R) 29-5-8 to 33-10-5, Interior (1) 33-10-5 to 39-5-0 zone;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 3-06-00 tall by 2-00-00 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 258 lb uplift at joint 10 and 272 lb uplift at joint 2.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	A7	Piggyback Base	1	1	Job Reference (optional)



Scale = 1:70.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	-0.10	13-15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.36	Vert(CT)	-0.17	13-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.06	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.05	15	>999	240	Weight: 332 lb	FT = 25%

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

REACTIONS (lb/size) 2=1650/0-3-8, (min. 0-2-3), 10=1576/ Mechanical, (min. 0-1-8)
Max Horiz 2=296 (LC 9)
Max Uplift 2=-272 (LC 12), 10=-258 (LC 13)
Max Grav 2=1872 (LC 2), 10=1866 (LC 2)

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (5-4-6 max.): 5-7, 8-9.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-15

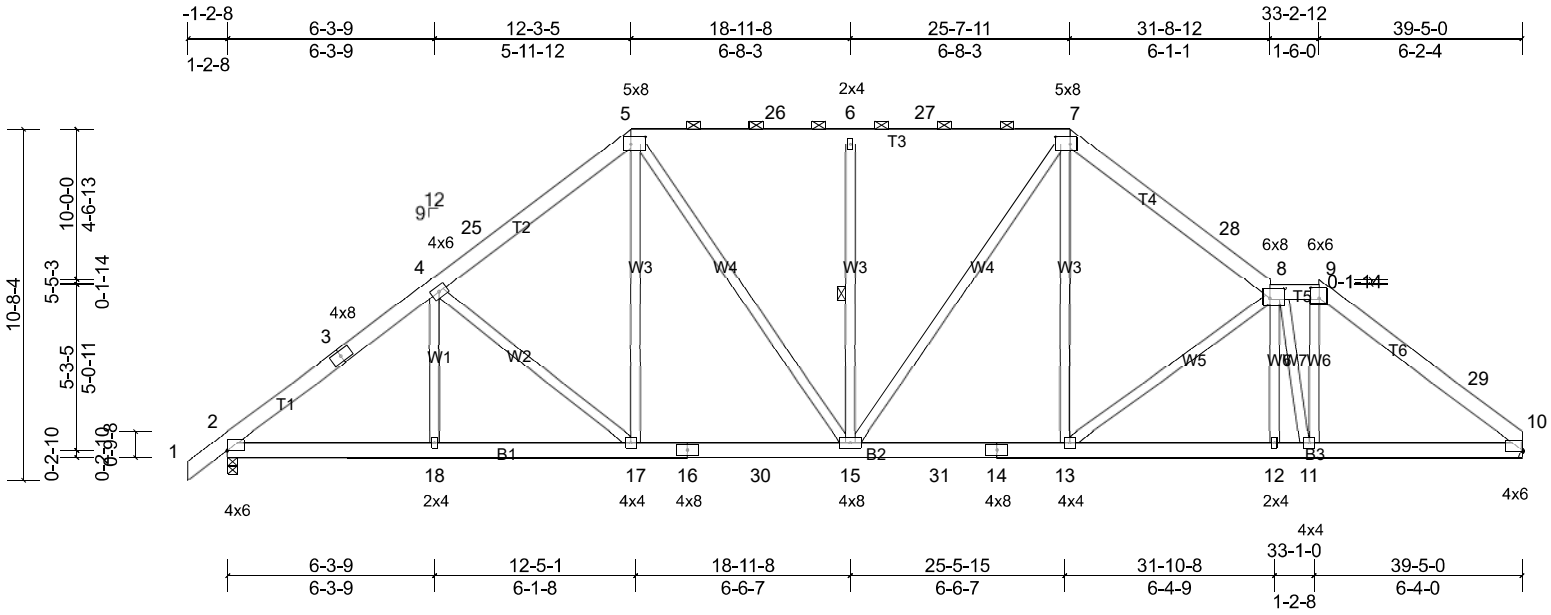
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2548/417, 3-4=-2441/440, 4-25=-2196/442, 5-25=-2114/481, 5-26=-1976/498, 6-26=-1976/498, 6-27=-1976/498, 7-27=-1976/498, 7-8=-2295/520, 8-9=-2055/452, 9-28=-2494/456, 10-28=-2610/424
BOT CHORD 2-18=-345/1988, 17-18=-345/1988, 16-17=-271/1692, 16-29=-271/1692, 15-29=-271/1692, 15-30=-153/1810, 14-30=-153/1810, 13-14=-153/1810, 12-13=-249/2167, 11-12=-248/2162, 11-31=-231/2005, 10-31=-231/2005
WEBS 4-17=-485/287, 5-17=-104/627, 5-15=-233/573, 6-15=-428/264, 7-15=-209/382, 7-13=-162/876, 8-13=-697/288, 8-11=-562/218, 9-11=-86/1055

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 16-8-2, Interior (1) 16-8-2 to 25-7-11, Exterior(2E) 25-7-11 to 29-11-8, Interior (1) 29-11-8 to 31-5-8, Exterior(2R) 31-5-8 to 35-10-5, Interior (1) 35-10-5 to 39-5-0 zone;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 3-06-00 tall by 2-00-00 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 258 lb uplift at joint 10 and 272 lb uplift at joint 2.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	A8	Piggyback Base	1	1	Job Reference (optional)



Scale = 1:70.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	-0.10	13-15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.17	13-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.07	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.06	12-13	>999	240	Weight: 326 lb	FT = 25%

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, except 2-0-0 oc purlins (5-5-10 max.): 5-7, 8-9.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-15

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

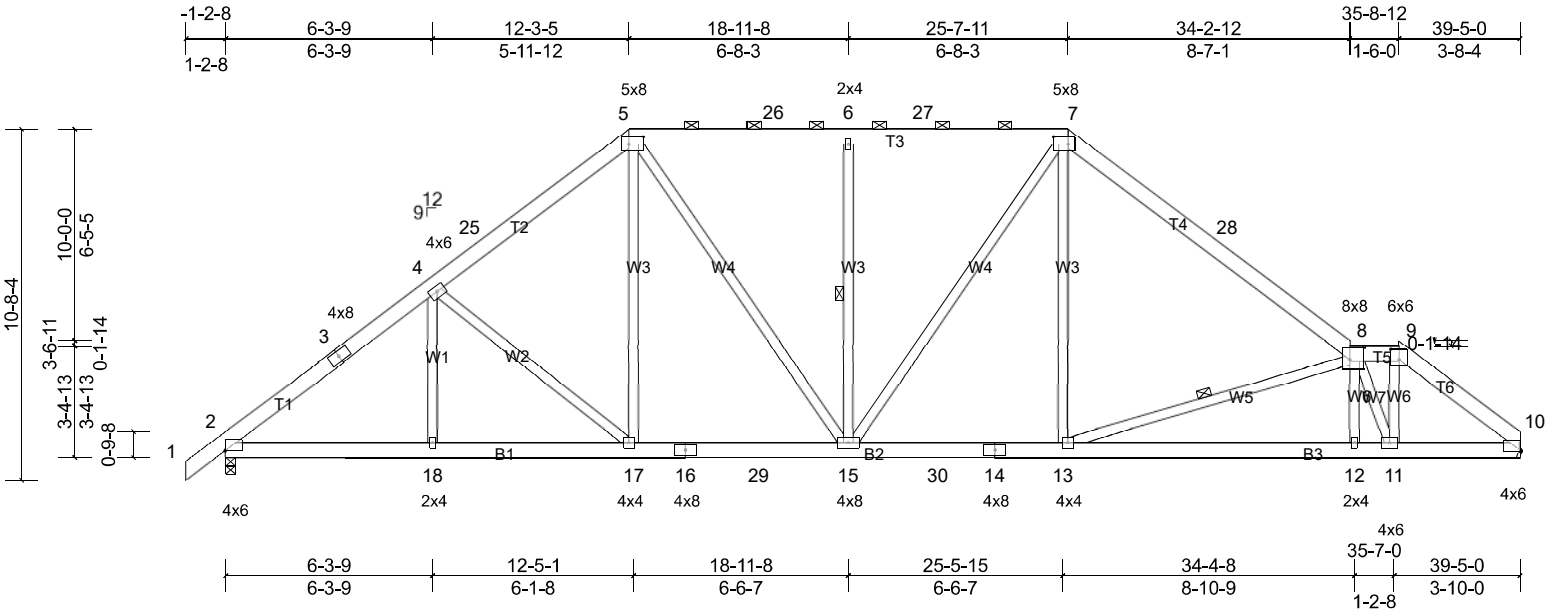
REACTIONS (lb/size) 2=1650/0-3-8, (min. 0-2-3), 10=1576/ Mechanical, (min. 0-1-8)
Max Horiz 2=296 (LC 11)
Max Uplift 2=-272 (LC 12), 10=-258 (LC 13)
Max Grav 2=1855 (LC 2), 10=1784 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2522/419, 3-4=-2416/441, 4-25=-2170/449, 5-25=-2088/489, 5-26=-1942/501, 6-26=-1942/501, 6-27=-1942/501, 7-27=-1942/501, 7-28=-2223/505, 8-28=-2277/472, 8-9=-2043/462, 9-29=-2447/468, 10-29=-2547/437
BOT CHORD 2-18=-341/1967, 17-18=-341/1967, 16-17=-266/1671, 16-30=-266/1671, 15-30=-266/1671, 15-31=-141/1771, 14-31=-141/1771, 13-14=-141/1771, 12-13=-312/2299, 11-12=-310/2300, 10-11=-261/1970
WEBS 4-17=-486/287, 5-17=-103/629, 5-15=-233/550, 6-15=-426/265, 7-15=-221/397, 7-13=-114/795, 8-13=-745/313, 8-11=-1061/166, 9-11=-154/1204

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 16-8-2, Interior (1) 16-8-2 to 25-7-11, Exterior(2R) 25-7-11 to 30-0-7, Interior (1) 30-0-7 to 33-2-12, Exterior(2R) 33-2-12 to 37-7-9, Interior (1) 37-7-9 to 39-5-0 zone;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 3-06-00 tall by 2-00-00 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 258 lb uplift at joint 10 and 272 lb uplift at joint 2.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	A9	Piggyback Base	1	1	Job Reference (optional)



Scale = 1:70.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	-0.11	12-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.46	Vert(CT)	-0.22	12-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.07	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.07	12-13	>999	240	Weight: 320 lb	FT = 25%

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, except 2-0-0 oc purlins (5-5-4 max.): 5-7, 8-9.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-15, 8-13

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

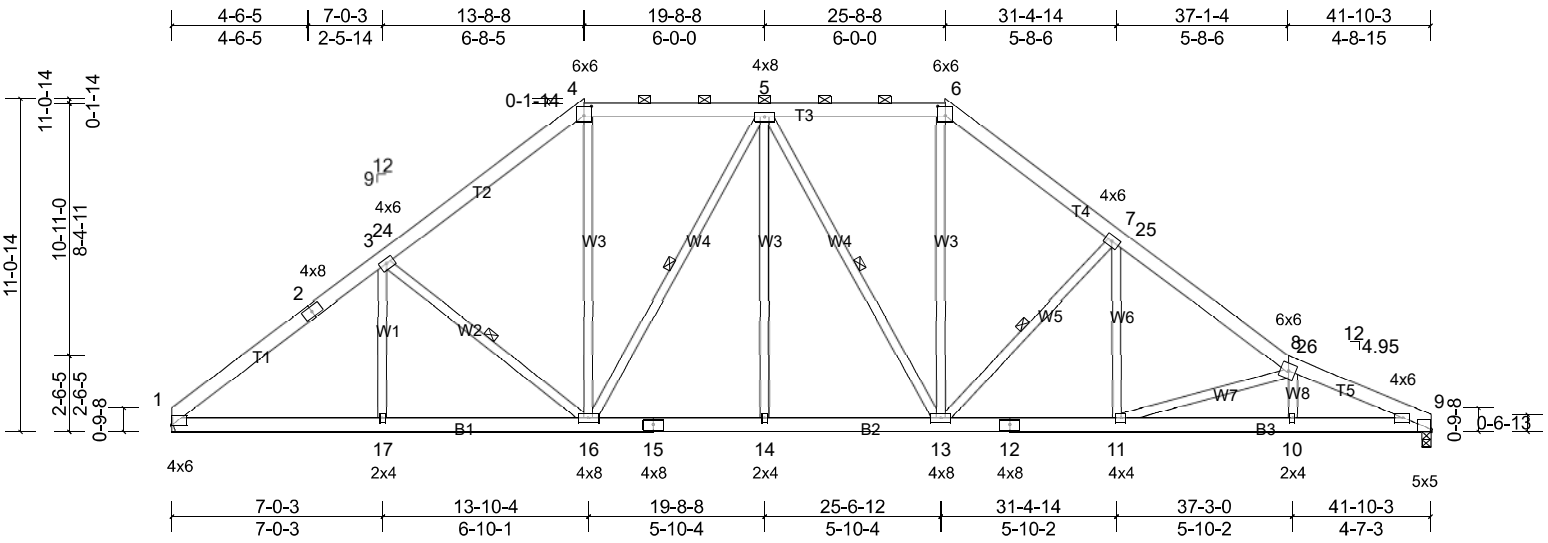
REACTIONS (lb/size) 2=1650/0-3-8, (min. 0-2-3), 10=1576/ Mechanical, (min. 0-1-8)
Max Horiz 2=296 (LC 9)
Max Uplift 2=-272 (LC 12), 10=-258 (LC 13)
Max Grav 2=1855 (LC 2), 10=1784 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2522/415, 3-4=-2415/438, 4-25=-2171/441, 5-25=-2089/480, 5-26=-1938/493, 6-26=-1938/493, 6-27=-1938/493, 7-27=-1938/493, 7-28=-2228/475, 8-28=-2355/443, 8-9=-2073/406, 9-10=-2557/446
BOT CHORD 2-18=-335/1967, 17-18=-335/1967, 16-17=-260/1672, 16-29=-260/1672, 15-29=-260/1672, 15-30=-133/1786, 14-30=-133/1786, 13-14=-133/1786, 12-13=-438/2780, 11-12=-431/2794, 10-11=-292/2002
WEBS 4-17=-484/286, 5-17=-102/633, 5-15=-232/542, 6-15=-422/273, 7-15=-241/376, 7-13=-45/751, 8-13=-1136/422, 8-12=0/351, 8-11=-1734/308, 9-11=-323/1441

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 16-8-2, Interior (1) 16-8-2 to 25-7-11, Exterior(2R) 25-7-11 to 30-0-7, Interior (1) 30-0-7 to 35-8-12, Exterior(2E) 35-8-12 to 39-5-0 zone;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 3-06-00 tall by 2-00-00 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 258 lb uplift at joint 10 and 272 lb uplift at joint 2.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	B1	Hip	1	1	Job Reference (optional)



Scale = 1:76.6

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	-0.10	10-11	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.45	Vert(CT)	-0.21	10-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.08	9	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.10	10-11	>999	240	Weight: 343 lb	FT = 25%

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

REACTIONS (lb/size) 1=1674/ Mechanical, (min. 0-1-8), 9=1674/0-3-8, (min. 0-2-0)
Max Horiz 1=-320 (LC 8)
Max Uplift 1=-333 (LC 12), 9=-357 (LC 13)

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (6-0-0 max.): 4-6.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 3-16, 5-16, 5-13, 7-13

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

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2378/483, 2-3=-2221/509, 3-24=-1976/497, 4-24=-1959/544, 4-5=-1504/512, 5-6=-1608/533, 6-7=-2086/573, 7-25=-2525/593, 8-25=-2709/589, 8-26=-3603/773, 9-26=-3682/771
BOT CHORD 1-17=-445/1800, 16-17=-445/1800, 15-16=-175/1685, 14-15=-175/1685, 13-14=-175/1685, 12-13=-317/2126, 11-12=-317/2126, 10-11=-661/3356, 9-10=-656/3357
WEBS 3-17=0/253, 3-16=-495/310, 4-16=-151/721, 5-16=-489/240, 5-13=-313/226, 6-13=-170/834, 7-13=-779/366, 7-11=-72/595, 8-11=-1307/407

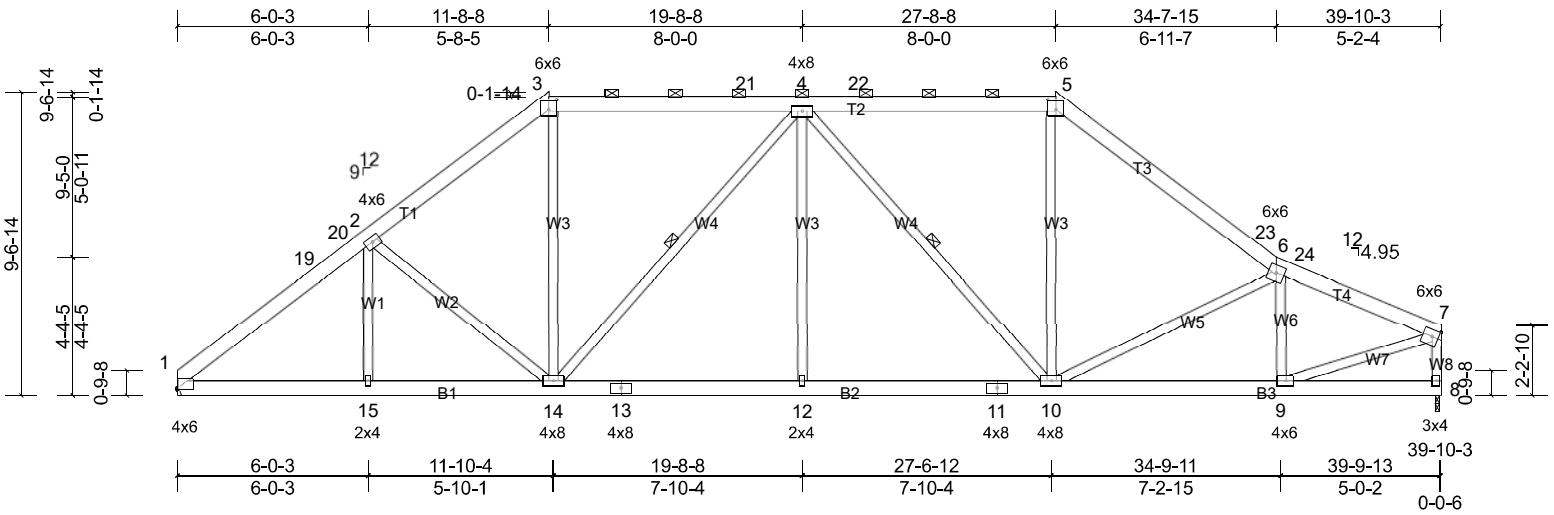
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-0 to 4-4-13, Interior (1) 4-4-13 to 13-8-8, Exterior(2R) 13-8-8 to 19-8-8, Interior (1) 19-8-8 to 25-8-8, Exterior(2R) 25-8-8 to 31-11-3, Interior (1) 31-11-3 to 41-10-3 zone;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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 357 lb uplift at joint 9 and 333 lb uplift at joint 1.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	B2	Hip	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, user — Run: 8.63 S Jul 12 2024 Print: 8.630 S Jul 12 2024 MiTek Industries, Inc. Thu Jun 12 10:02:45 — Page: 1

ID:4blCTRKFtSlnay4Slpo6r5z74iH-uvSR0Ldk6hz?CDCGECgI7DsZAK_oKS_7wtDhtsz743u



Scale = 1:72.7

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	-0.07	12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.27	Vert(CT)	-0.14	10-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.06	8	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.07	12	>999	240	Weight: 315 lb	FT = 25%

LUMBER

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

REACTIONS (lb/size) 1=1588/ Mechanical, (min. 0-1-8), 8=1588/0-1-12, (req. 0-1-14)
Max Horiz 1=-250 (LC 10)
Max Uplift 1=-330 (LC 12), 8=-336 (LC 13)

BRACING

TOP CHORD	Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-5.
BOT CHORD	Structural wood sheathing directly applied.
WEBS	1 Row at midpt 4-14, 4-10

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

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

TOP CHORD	1-19=-2250/457, 19-20=-2103/475, 2-20=-2045/479, 2-3=-1939/510, 3-21=-1501/477, 4-21=-1502/477, 4-22=-1527/482, 5-22=-1526/482, 5-23=-1879/492, 6-23=-1991/447, 6-24=-1904/434, 7-24=-2008/431, 7-8=-1524/350
BOT CHORD	1-15=-475/1705, 14-15=-475/1705, 13-14=-280/1806, 12-13=-280/1806, 11-12=-280/1806, 10-11=-280/1806, 9-10=-357/1825
WEBS	2-14=-386/249, 3-14=-115/686, 4-14=-561/260, 4-12=0/312, 4-10=-535/242, 5-10=-89/677, 6-10=-357/243, 6-9=-541/208, 7-9=-352/1829

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-0 to 4-4-13, Interior (1) 4-4-13 to 11-8-8, Exterior(2R) 11-8-8 to 17-11-3, Interior (1) 17-11-3 to 27-8-8, Exterior(2R) 27-8-8 to 33-11-3, Interior (1) 33-11-3 to 39-8-7 zone;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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 wide will fit between the bottom chord and any other members.
6) WARNING: Required bearing size at joint(s) 8 greater than input bearing size.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 330 lb uplift at joint 1 and 336 lb uplift at joint 8.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	B3	Hip	1	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, user — Run: 8.63 S Jul 12 2024 Print: 8.630 S Jul 12 2024 MiTek Industries, Inc. Thu Jun 12 10:02:45 — Page: 1

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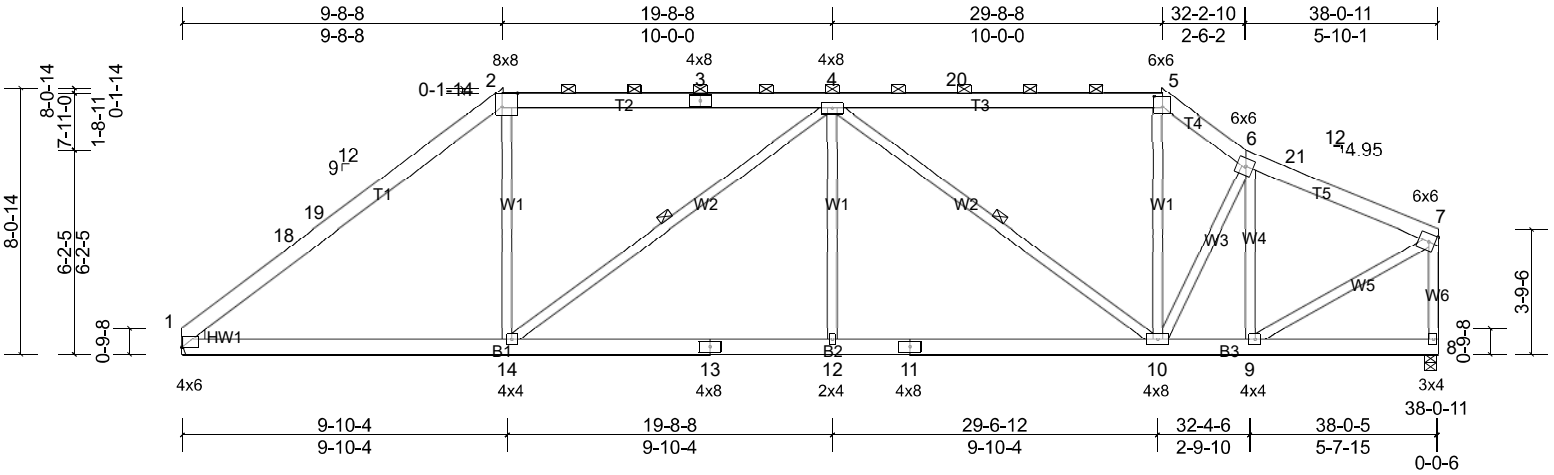


Scale = 1:69.9

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.44	Vert(LL)	-0.07	10-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.16	10-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	Horz(CT)	0.05	8	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.08	14-17	>999	240	Weight: 285 lb	FT = 25%

LUMBER

TOP CHORD	2x6 SP No.1
BOT CHORD	2x6 SP No.1
WEBS	2x4 SP No.2
WEDGE	Left: 2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-10-6 max.): 2-5.
BOT CHORD	Structural wood sheathing directly applied.
WEBS	1 Row at midpt 4-14, 4-10

REACTIONS (lb/size) 1=1516/ Mechanical, (min. 0-1-8), 8=1516/0-4-3, (min. 0-1-13)
Max Horiz 1=227 (LC 12)
Max Uplift 1=-325 (LC 12), 8=-321 (LC 13)

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

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

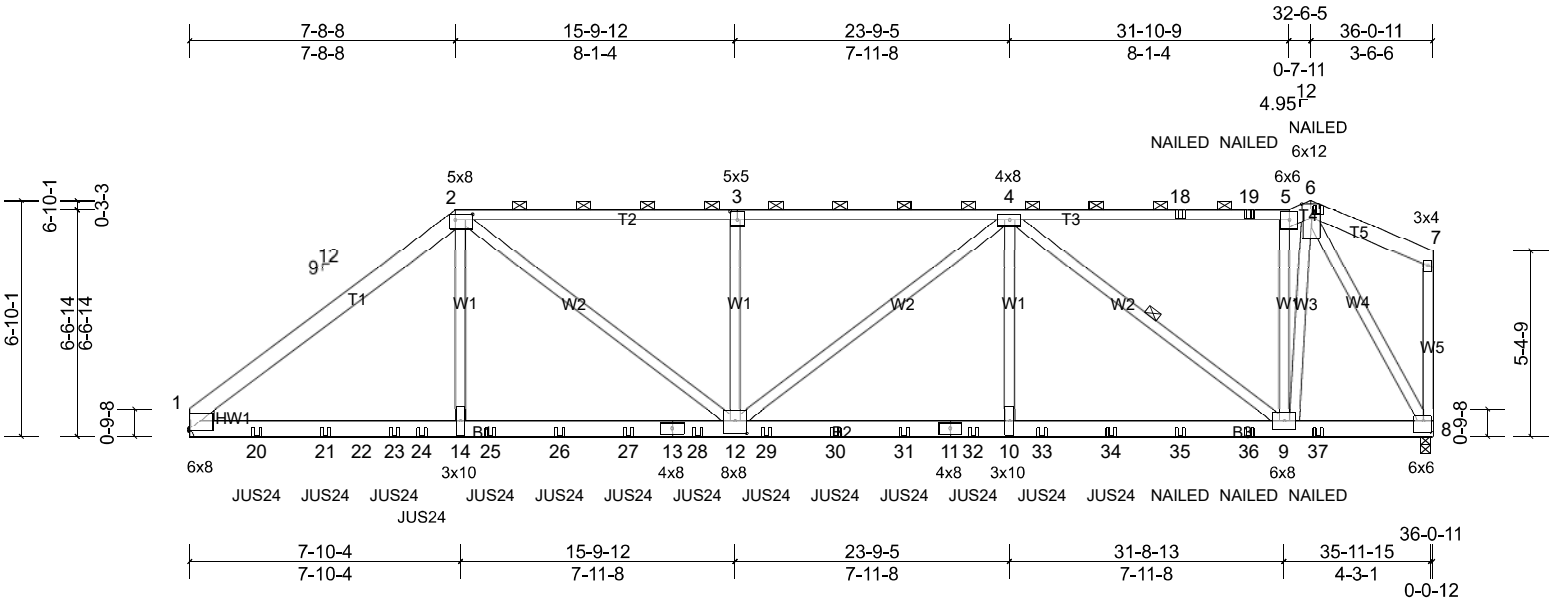
TOP CHORD	1-18=-2076/395, 18-19=-1930/402, 2-19=-1911/440, 2-3=-1546/488, 3-4=-1546/488, 4-20=-1371/403, 5-20=-1370/404, 5-6=-1639/431, 6-21=-1342/329, 7-21=-1443/315, 7-8=-1452/348
BOT CHORD	1-14=-415/1535, 13-14=-439/2017, 12-13=-439/2017, 11-12=-439/2017, 10-11=-439/2017, 9-10=-246/1290
WEBS	2-14=-57/661, 4-14=-710/339, 4-12=0/399, 4-10=-870/268, 5-10=-79/554, 6-10=-52/285, 6-9=-722/182, 7-9=-270/1445

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-0 to 4-4-13, Interior (1) 4-4-13 to 9-8-8, Exterior(2R) 9-8-8 to 15-11-3, Interior (1) 15-11-3 to 29-8-8, Exterior(2E) 29-8-8 to 32-2-10, Interior (1) 32-2-10 to 37-10-15 zone;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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 325 lb uplift at joint 1 and 321 lb uplift at joint 8.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	B4	Roof Special Girder	1	2	Job Reference (optional)



Scale = 1:66.8

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	-0.18	10-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.83	Vert(CT)	-0.35	10-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.86	Horz(CT)	0.08	8	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MS		Wind(LL)	0.25	10-12	>999	240	Weight: 517 lb	FT = 25%

LUMBER

TOP CHORD	2x6 SP No.1 *Except* T2:2x4 SP 2400F 2.0E, T3:2x4 SP No.1
BOT CHORD	2x6 SP No.1
WEBS	2x4 SP No.2
WEDGE	Left: 2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (4-4-14 max.): 2-5.
BOT CHORD	Structural wood sheathing directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-9

REACTIONS (lb/size) 1=4560/ Mechanical, (min. 0-1-8), 8=3829/0-3-7, (min. 0-2-6)
Max Horiz 1=245 (LC 8)
Max Uplift 1=-1976 (LC 5), 8=-1835 (LC 5)
Max Grav 1=5030 (LC 18), 8=4043 (LC 17)

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

TOP CHORD	1-2=-6751/2718, 2-3=-7289/3091, 3-4=-7292/3094, 4-18=-2672/1273, 18-19=-2672/1273, 5-19=-2672/1273, 5-6=-2665/1301
BOT CHORD	1-20=-2168/5271, 20-21=-2168/5271, 21-22=-2168/5271, 22-23=-2168/5271, 23-24=-2168/5271, 14-24=-2168/5271, 14-25=-2187/5323, 25-26=-2187/5323, 26-27=-2187/5323, 13-27=-2187/5323, 13-28=-2187/5323, 12-28=-2187/5323, 12-29=-2772/6514, 29-30=-2772/6514, 30-31=-2772/6514, 11-31=-2772/6514, 11-32=-2772/6514, 10-32=-2772/6514, 10-33=-2772/6514, 33-34=-2772/6514, 34-35=-2772/6514, 35-36=-2772/6514, 9-36=-2772/6514, 9-37=-1004/2198, 8-37=-1004/2198
WEBS	2-14=-827/2245, 2-12=-1174/2708, 3-12=-490/322, 4-12=-354/1070, 4-10=-633/1934, 4-9=-4841/1955, 5-9=-608/501, 6-9=-1932/4137, 6-8=-4655/2125

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Web 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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; Lumber DOL=1.60 plate grip DOL=1.60
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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 1976 lb uplift at joint 1 and 1835 lb uplift at joint 8.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Use MiTek JUS24 (With 4-10d nails into Girder & 2-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-11-4 from the left end to 26-8-12 to connect truss (es) J1 (1 ply 2x6 SP), H1 (1 ply 2x4 SP), H2 (1 ply 2x4 SP), H3 (1 ply 2x4 SP), H4 (1 ply 2x6 SP) to front face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.

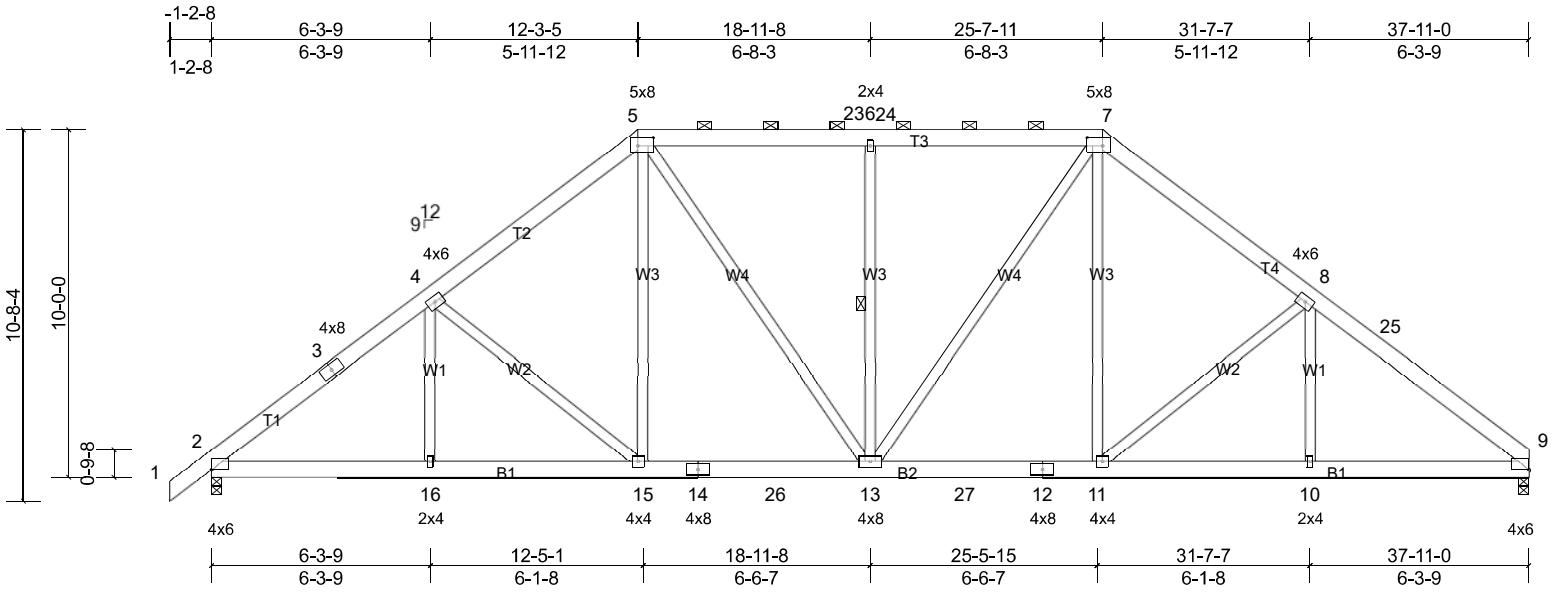
Continued on page 2

13) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-2=-60, 2-5=-60, 5-6=-60, 6-7=-60, 8-15=-20
   Concentrated Loads (lb)
   Vert: 6=-29 (F), 18=-53 (F), 19=-89 (F), 20=-277 (F), 21=-277 (F), 23=-277 (F), 24=-391 (F), 25=-398 (F), 26=-398 (F), 27=-398 (F), 28=-398 (F), 29=-398 (F), 30=-398 (F), 31=-398 (F), 32=-403 (F), 33=-403 (F), 34=-345 (F), 35=-145 (F), 36=-30 (F), 37=-10 (F)

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	C1	Piggyback Base	1	1	Job Reference (optional)



Scale = 1:66.3

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	-0.08	11-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.33	Vert(CT)	-0.13	11-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.06	9	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.05	13-15	>999	240	Weight: 306 lb	FT = 25%

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, except 2-0-0 oc purlins (5-9-1 max.): 5-7.
BOT CHORD Structural wood sheathing directly applied.
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.

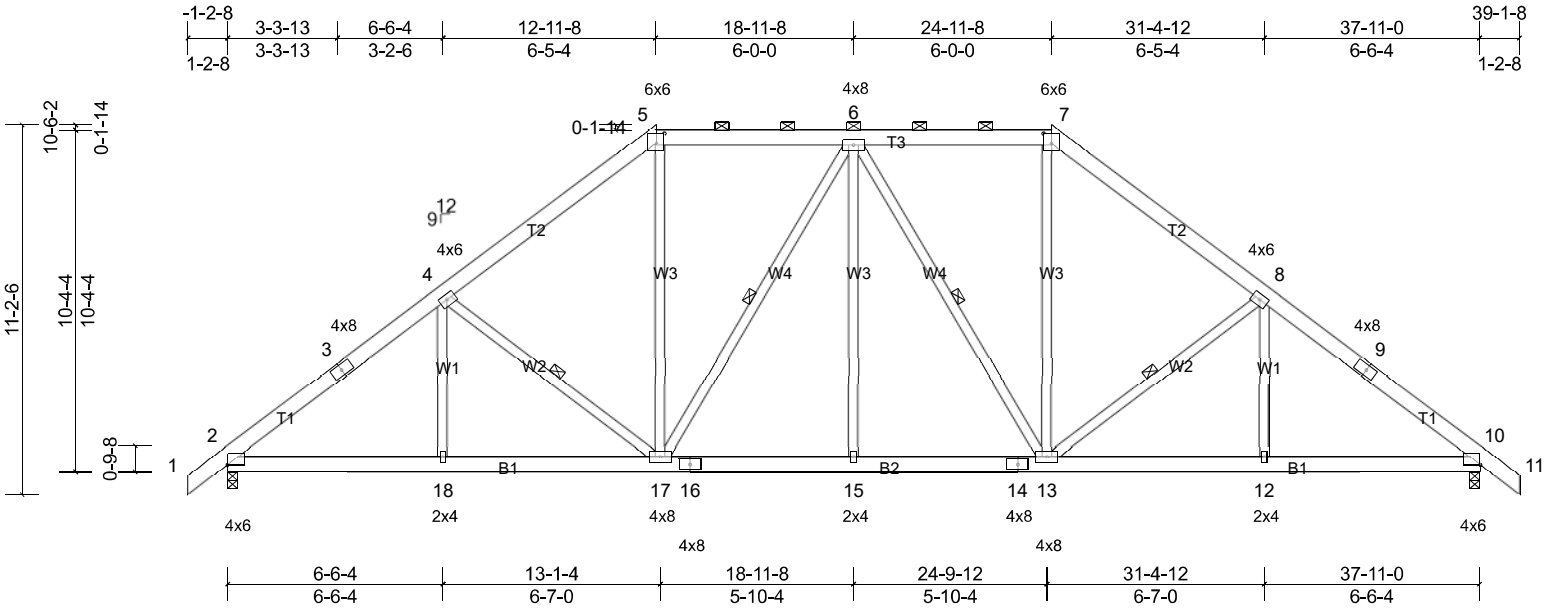
REACTIONS (lb/size) 2=1590/0-3-8, (min. 0-2-2), 9=1516/0-3-8, (min. 0-2-1)
Max Horiz 2=296 (LC 9)
Max Uplift 2=-347 (LC 12), 9=-312 (LC 13)
Max Grav 2=1787 (LC 2), 9=1725 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2416/420, 3-4=-2311/443, 4-5=-2060/461, 5-23=-1808/418, 6-23=-1808/418, 6-24=-1808/418, 7-24=-1808/418, 7-8=-2062/463, 8-25=-2300/449, 9-25=-2423/426
BOT CHORD 2-16=-415/1894, 15-16=-415/1894, 14-15=-255/1583, 14-26=-255/1583, 13-26=-255/1583, 13-27=-117/1584, 12-27=-117/1584, 11-12=-117/1584, 10-11=-234/1856, 9-10=-234/1856
WEBS 4-15=-491/273, 5-15=-97/630, 5-13=-229/472, 6-13=-429/263, 7-13=-229/471, 7-11=-99/635, 8-11=-500/280

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-3-5, Exterior(2R) 12-3-5 to 18-6-0, Interior (1) 18-6-0 to 25-7-11, Exterior(2R) 25-7-11 to 31-7-7, Interior (1) 31-7-7 to 37-11-0 zone;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 3-06-00 tall by 2-00-00 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 312 lb uplift at joint 9 and 347 lb uplift at joint 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	Truss	Truss Type	Qty	Ply	
B0625-3026	C2	Hip	1	1	Job Reference (optional)



Scale = 1:69.8

Plate Offsets (X, Y): [2:Edge,0-0-1], [5:0-3-0,0-3-12], [7:0-3-0,0-3-12], [10:Edge,0-0-1]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	-0.05	15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.26	Vert(CT)	-0.11	15-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.05	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.05	15-17	>999	240	Weight: 313 lb	FT = 25%

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

REACTIONS (lb/size) 2=1589/0-3-8, (min. 0-1-14), 10=1589/0-3-8, (min. 0-1-14)
Max Horiz 2=316 (LC 11)
Max Uplift 2=-345 (LC 12), 10=-345 (LC 13)

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

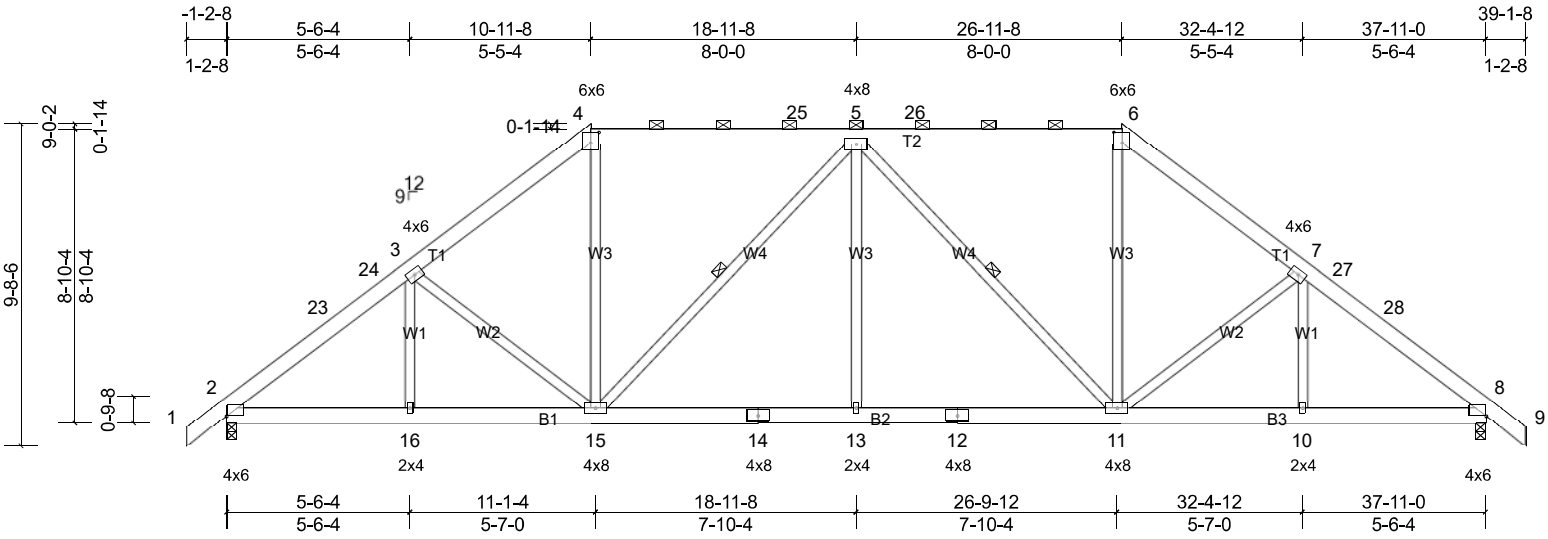
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-6=-1331/449, 6-7=-1331/449, 2-3=-2129/415, 3-4=-2008/440, 4-5=-1756/452, 7-8=-1756/452, 8-9=-2008/441, 9-10=-2129/416
BOT CHORD 2-18=-399/1606, 17-18=-399/1606, 16-17=-204/1466, 15-16=-204/1466, 14-15=-204/1466, 13-14=-204/1466, 12-13=-187/1606, 10-12=-187/1606
WEBS 4-17=-457/286, 5-17=-120/600, 6-17=-381/227, 6-13=-381/226, 7-13=-119/600, 8-13=-459/287

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 12-11-8, Exterior(2R) 12-11-8 to 18-11-8, Interior (1) 18-11-8 to 24-11-8, Exterior(2R) 24-11-8 to 31-4-12, Interior (1) 31-4-12 to 39-1-8 zone;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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 345 lb uplift at joint 2 and 345 lb uplift at joint 10.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	Truss	Truss Type	Qty	Ply	
B0625-3026	C3	Hip	1	1	Job Reference (optional)



Scale = 1:69.4

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	-0.06	13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.27	Vert(CT)	-0.13	13-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.06	8	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.06	13-15	>999	240	Weight: 298 lb	FT = 25%

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

REACTIONS (lb/size) 2=1589/0-3-8, (min. 0-1-14), 8=1589/0-3-8, (min. 0-1-14)
Max Horiz 2=271 (LC 11)
Max Uplift 2=-352 (LC 12), 8=-352 (LC 13)

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (6-0-0 max.): 4-6.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 5-15, 5-11

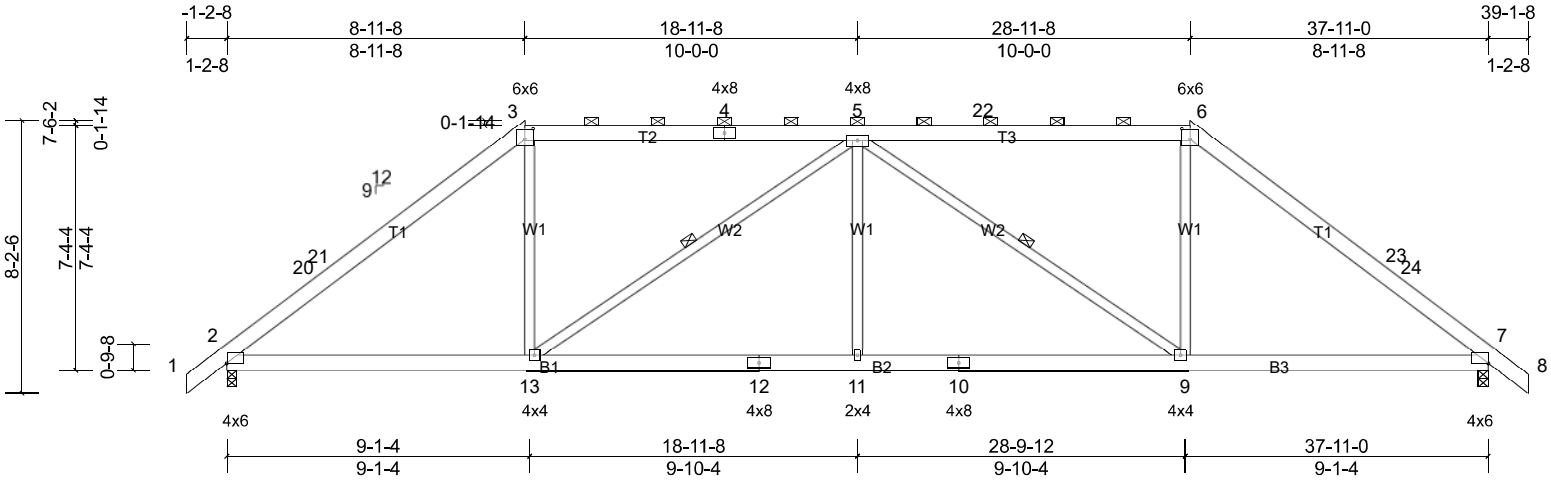
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-23=-2130/432, 23-24=-2016/435, 3-24=-1971/452, 3-4=-1857/468, 4-25=-1442/454, 5-25=-1443/454, 5-26=-1443/454, 6-26=-1442/454, 6-7=-1857/468, 7-27=-1971/453, 27-28=-2016/436, 8-28=-2130/433
BOT CHORD 2-16=-395/1613, 15-16=-395/1613, 14-15=-321/1758, 13-14=-321/1758, 12-13=-321/1758, 11-12=-321/1758, 10-11=-213/1613, 8-10=-213/1613
WEBS 3-15=-339/224, 4-15=-106/645, 5-15=-556/255, 5-13=0/319, 5-11=-556/254, 6-11=-106/645, 7-11=-340/225

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 10-11-8, Exterior(2R) 10-11-8 to 17-2-3, Interior (1) 17-2-3 to 26-11-8, Exterior(2R) 26-11-8 to 33-2-3, Interior (1) 33-2-3 to 39-1-8 zone;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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 352 lb uplift at joint 2 and 352 lb uplift at joint 8.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	Truss	Truss Type	Qty	Ply	
B0625-3026	C4	Hip	1	1	Job Reference (optional)



Scale = 1:69.3

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.43	Vert(LL)	-0.07	11	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.34	Vert(CT)	-0.17	11-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.08	9-11	>999	240	Weight: 259 lb	FT = 25%

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

REACTIONS (lb/size) 2=1589/0-3-8, (min. 0-1-14), 7=1589/0-3-8, (min. 0-1-14)
Max Horiz 2=226 (LC 11)
Max Uplift 2=-359 (LC 12), 7=-359 (LC 13)

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (5-9-4 max.): 3-6.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 5-13, 5-9

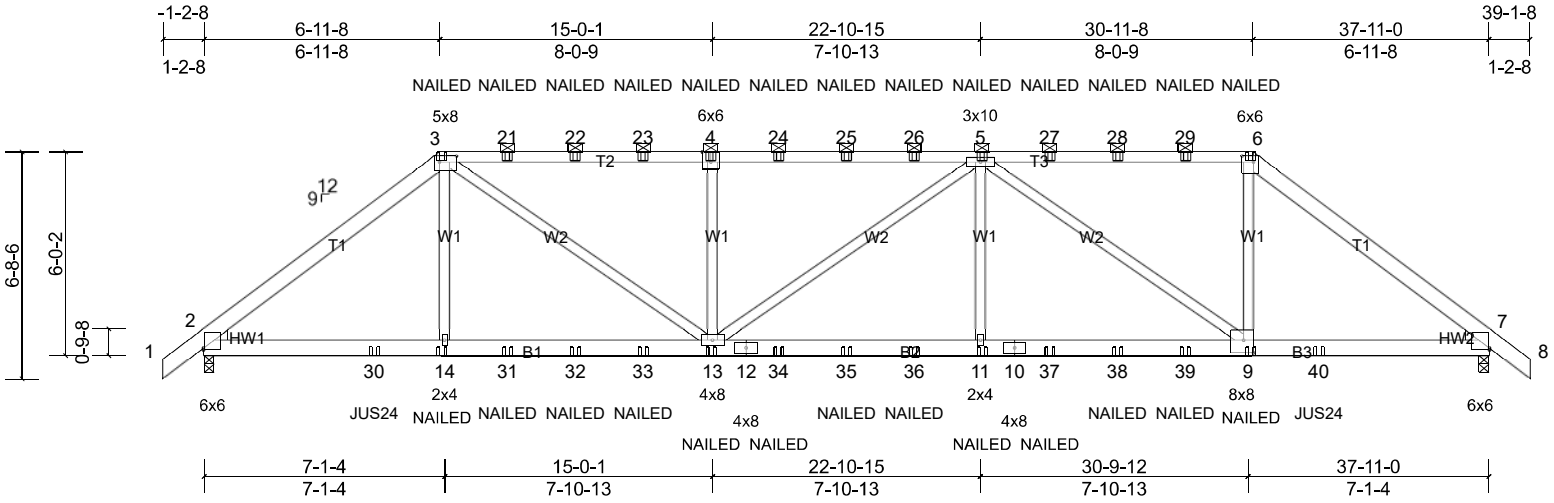
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-20=-2097/396, 20-21=-1994/399, 3-21=-1943/440, 3-4=-1574/478, 4-5=-1574/478, 5-22=-1575/478, 6-22=-1574/479, 6-23=-1943/440, 23-24=-1994/399, 7-24=-2096/396
BOT CHORD 2-13=-361/1561, 12-13=-481/2179, 11-12=-481/2179, 10-11=-481/2179, 9-10=-481/2179, 7-9=-190/1561
WEBS 3-13=-60/691, 5-13=-840/353, 5-11=0/396, 5-9=-841/353, 6-9=-60/691

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 8-11-8, Exterior(2R) 8-11-8 to 15-2-3, Interior (1) 15-2-3 to 28-11-8, Exterior(2R) 28-11-8 to 35-2-3, Interior (1) 35-2-3 to 39-1-8 zone;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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 359 lb uplift at joint 2 and 359 lb uplift at joint 7.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	Truss	Truss Type	Qty	Ply	
B0625-3026	C5GR	Hip Girder	1	2	Job Reference (optional)



Scale = 1:68

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.88	Vert(LL)	-0.13	11-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.47	Vert(CT)	-0.27	11-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.88	Horz(CT)	0.07	7	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MS		Wind(LL)	0.23	11-13	>999	240	Weight: 495 lb	FT = 25%

LUMBER

TOP CHORD	2x6 SP No.1 *Except* T2:2x4 SP 2400F 2.0E, T3:2x4 SP No.1
BOT CHORD	2x6 SP No.1
WEBS	2x4 SP No.2
WEDGE	Left: 2x4 SP No.3 Right: 2x4 SP No.3

BRACING

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

REACTIONS (lb/size) 2=3310/0-3-8, (min. 0-2-0), 7=3310/0-3-8, (min. 0-2-0)
Max Horiz 2=-188 (LC 6)
Max Uplift 2=-1752 (LC 8), 7=-1752 (LC 9)
Max Grav 2=3402 (LC 15), 7=3402 (LC 16)

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

TOP CHORD	2-3=-4752/2519, 3-21=-5738/3190, 21-22=-5738/3190, 22-23=-5738/3190, 4-23=-5738/3190, 4-24=-5729/3183, 24-25=-5729/3183, 25-26=-5729/3183, 5-26=-5729/3183, 5-27=-3761/2119, 27-28=-3761/2119, 28-29=-3761/2119, 6-29=-3761/2119, 6-7=-4746/2514
BOT CHORD	2-30=-2005/3802, 14-30=-2005/3802, 14-31=-2010/3822, 31-32=-2010/3822, 32-33=-2010/3822, 13-33=-2010/3822, 12-13=-3122/5845, 12-34=-3122/5845, 34-35=-3122/5845, 35-36=-3122/5845, 11-36=-3122/5845, 10-11=-3122/5845, 10-37=-3122/5845, 37-38=-3122/5845, 38-39=-3122/5845, 9-39=-3122/5845, 9-40=-1868/3705, 7-40=-1868/3705
WEBS	3-14=-219/779, 3-13=-1518/2593, 4-13=-962/834, 5-11=-13/728, 5-9=-2571/1507, 6-9=-1026/2215

NOTES

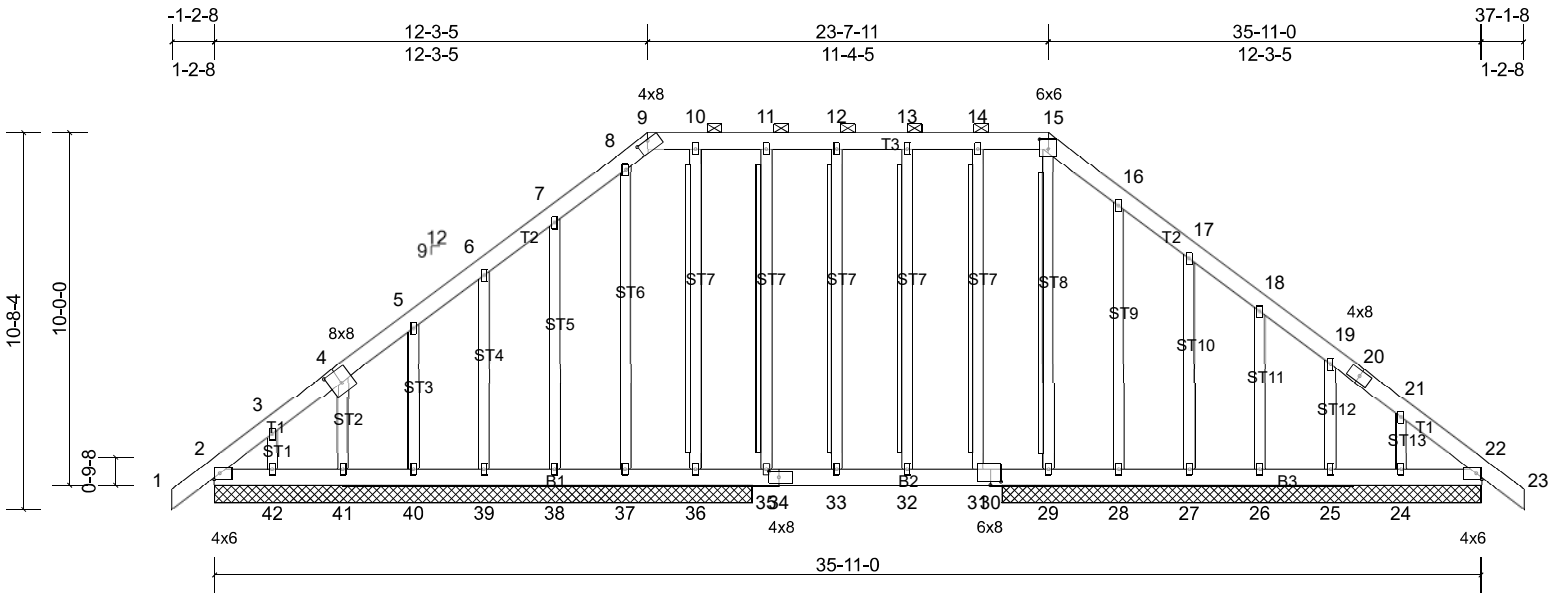
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
   Web connected as follows: 2x4 - 1 row at 0-9-0 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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; Lumber DOL=1.60 plate grip DOL=1.60
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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 1752 lb uplift at joint 2 and 1752 lb uplift at joint 7.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Use MiTek JUS24 (With 4-10d nails into Girder & 2-10d nails into Truss) or equivalent spaced at 27-10-8 oc max. starting at 5-0-4 from the left end to 32-10-12 to connect truss (es) WC1 (1 ply 2x6 SP) to back face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.

LOAD CASE(S) Standard

Continued on page 2

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-3=-60, 3-6=-60, 6-8=-60, 15-18=-20
Concentrated Loads (lb)
Vert: 3=-104 (B), 6=-104 (B), 14=-86 (B), 13=-86 (B), 4=-104 (B), 11=-86 (B), 9=-86 (B), 5=-104 (B), 21=-104 (B), 22=-104 (B), 23=-104 (B), 24=-104 (B), 25=-104 (B), 26=-104 (B), 27=-104 (B), 28=-104 (B), 29=-104 (B), 30=-489 (B), 31=-86 (B), 32=-86 (B), 33=-86 (B), 34=-86 (B), 35=-86 (B), 36=-86 (B), 37=-86 (B), 38=-86 (B), 39=-86 (B), 40=-489 (B)

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	D1GE	Piggyback Base Supported Gable	1	1	Job Reference (optional)



Scale = 1:65.4

Plate Offsets (X, Y): [4:0-4-0,0-4-8], [9:0-4-0,0-0-7], [15:0-3-0,0-3-4], [30:0-3-8,0-1-4], [34:0-3-6,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	-0.04	32-33	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.25	Vert(CT)	-0.09	32-33	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.01	22	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.05	32-33	>999	240	Weight: 349 lb	FT = 25%

LUMBER
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
OTHERS 2x4 SP No.2 *Except* O2,O1:2x4 SPF No.2(flat)

REACTIONS All bearings 15-3-0. except 29=13-7-0, 28=13-7-0, 27=13-7-0, 26=13-7-0, 25=13-7-0, 24=13-7-0, 22=13-7-0, 46=13-7-0
(lb) - Max Horiz 2=-305 (LC 10), 43=-305 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 22, 25, 41, 46 except 2=-125 (LC 8), 24=-140 (LC 13), 26=-101 (LC 13), 27=-108 (LC 13), 28=-305 (LC 25), 29=-158 (LC 9), 36=-229 (LC 9), 37=-315 (LC 26), 38=-107 (LC 12), 39=-101 (LC 12), 40=-106 (LC 12), 42=-125 (LC 12), 43=-125 (LC 8)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 22, 24, 25, 26, 27, 28, 37, 38, 39, 40, 41, 42, 43, 46 except 29=772 (LC 26), 36=815 (LC 25)

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (6-0-0 max.): 9-15.
BOT CHORD Structural wood sheathing directly applied.
WEBS T-Brace: 2x4 SPF No.2 - 15-29, 14-31, 13-32, 12-33, 11-35, 10-36
Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3") nails, 6in o.c.,with 3in minimum end distance. Brace must cover 90% of web length.

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

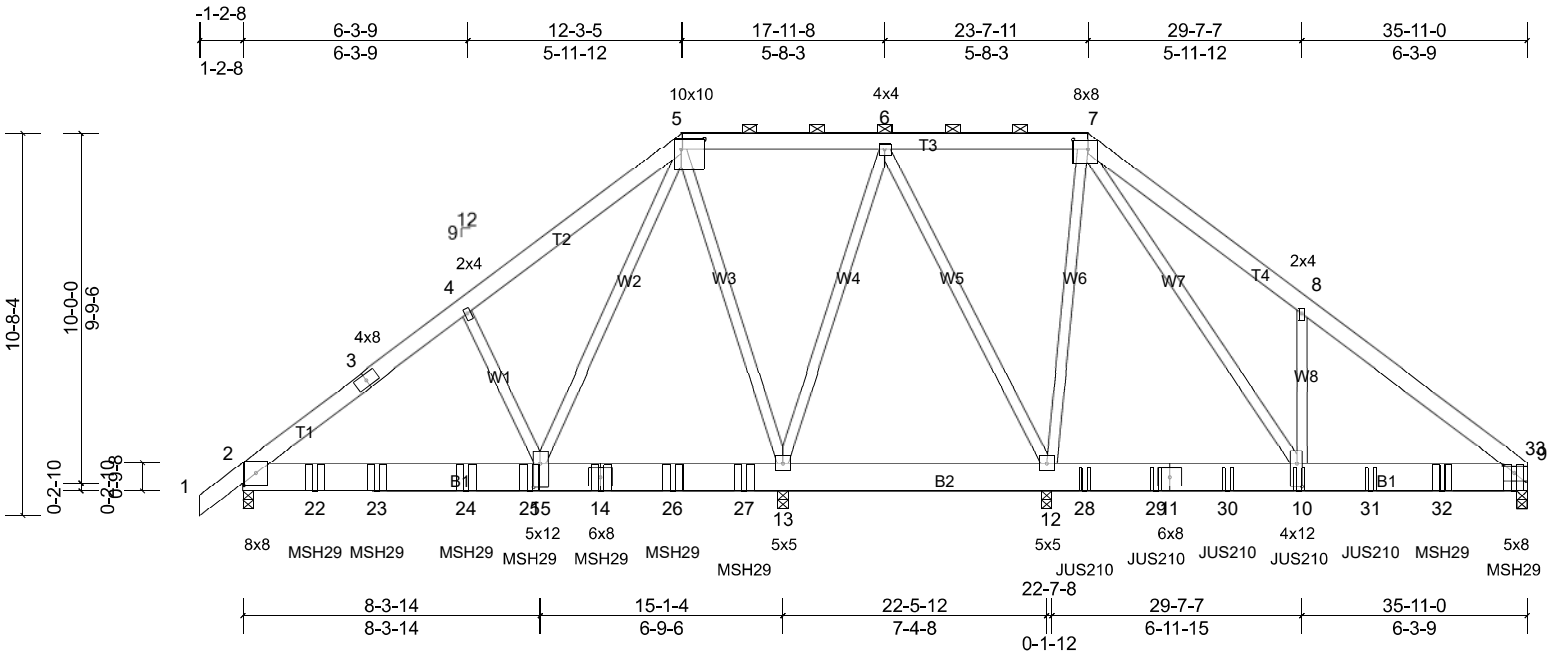
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-290/238, 7-8=-181/265, 9-10=-165/260, 10-11=-165/260, 11-12=-165/260, 12-13=-165/260, 13-14=-165/260, 14-15=-166/260, 15-16=-139/266
WEBS 15-29=-291/56, 10-36=-355/131

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -1-2-8 to 3-5-7, Exterior(2N) 3-5-7 to 12-3-5, Corner(3R) 12-3-5 to 16-8-2, Exterior(2N) 16-8-2 to 23-7-11, Corner(3R) 23-7-11 to 28-0-7, Exterior(2N) 28-0-7 to 37-1-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 41, 25, 22, 22 except (jt=lb) 2=125, 29=157, 36=228, 37=314, 38=107, 39=100, 40=105, 42=124, 28=305, 27=107, 26=101, 24=140, 2=125.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	D1GE	Piggyback Base Supported Gable	1	1	Job Reference (optional)

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	D2GR	Piggyback Base Girder	1	3	Job Reference (optional)



Scale = 1:64.4

Plate Offsets (X, Y): [2:0-4-0,0-4-2], [5:0-7-8,0-3-8], [7:0-5-0,0-3-4], [9:0-3-9,0-2-8], [10:0-7-12,0-1-12], [15:0-8-0,0-2-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	-0.08	15-21	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.15	15-21	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.73	Horz(CT)	0.01	13	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MS		Wind(LL)	0.06	15-21	>999	240	Weight: 1028 lb	FT = 25%

LUMBER
TOP CHORD 2x6 SP No.1
BOT CHORD 2x10 SP No.1
WEBS 2x4 SP No.2

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

REACTIONS All bearings 0-3-8.
(lb) - Max Horiz 2=296 (LC 5)
Max Uplift All uplift 100 (lb) or less at joint(s) except 2=-903 (LC 8), 9=-513 (LC 9), 12=-854 (LC 9), 13=-1278 (LC 8)
Max Grav All reactions 250 (lb) or less at joint(s) except 2=5467 (LC 23), 9=5708 (LC 24), 12=7117 (LC 24), 13=8690 (LC 23)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-6=-124/1467, 6-7=-121/1507, 7-8=-3754/676, 8-9=-3662/394, 2-3=-4802/762, 3-4=-4720/788, 4-5=-4740/912
BOT CHORD 2-22=-734/3872, 22-23=-734/3872, 23-24=-734/3872, 24-25=-734/3872, 15-25=-734/3872, 14-15=-165/352, 14-26=-165/352, 26-27=-165/352, 13-27=-165/352, 12-13=-1471/404, 12-28=-1062/352, 28-29=-1062/352, 11-29=-1062/352, 11-30=-1062/352, 10-30=-1062/352, 10-31=-186/2908, 31-32=-186/2908, 9-32=-186/2908, 9-33=-147/2063, 9-33=-147/2063
WEBS 5-15=-1446/8871, 4-15=-553/357, 5-13=-5852/1028, 7-12=-4243/647, 7-10=-1002/7276, 8-10=-494/397

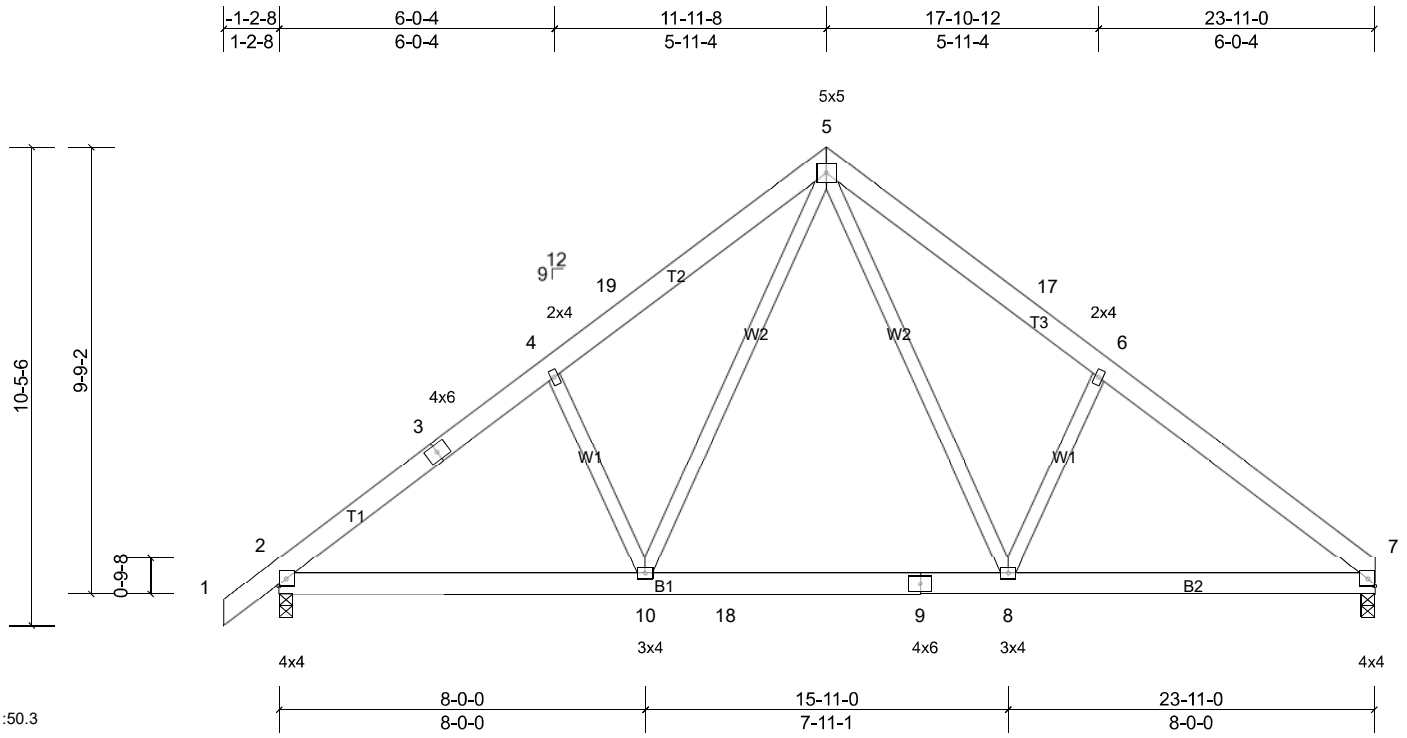
NOTES
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 3 rows staggered at 0-5-0 oc.
Bottom chords connected as follows: 2x10 - 4 rows staggered at 0-4-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 8-10 2x4 - 1 row at 0-5-0 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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; Lumber DOL=1.60 plate grip DOL=1.60
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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 513 lb uplift at joint 9, 902 lb uplift at joint 2, 1278 lb uplift at joint 13 and 854 lb uplift at joint 12.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Use MiTek MSH29 (With 18-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 19-6-4 oc max. starting at 2-0-4 from the left end to 35-6-8 to connect truss (es) A10 (1 ply 2x6 SP), A9 (1 ply 2x6 SP), A8 (1 ply 2x6 SP), A7 (1 ply 2x6 SP), A6 (1 ply 2x6 SP), A5 (1 ply 2x6 SP), A3 (1 ply 2x6 SP) to front face of bottom chord.
11) Use MiTek JUS210 (With 8-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 23-6-8 from the left end to 31-6-8 to connect truss (es) A2 (1 ply 2x6 SP) to front face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.

Continued on page 2

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 5-7=-60, 7-9=-60, 16-19=-20, 1-5=-60
   Concentrated Loads (lb)
   Vert: 14=-1556 (F), 10=-1316 (F), 22=-1556 (F), 23=-1556 (F), 24=-1556 (F), 25=-1556 (F), 26=-1556 (F), 27=-1753 (F), 28=-1316 (F), 29=-1316 (F), 30=-1316 (F), 31=-1316 (F), 32=-1753 (F), 33=-1759 (F)

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	E1	Common	7	1	Job Reference (optional)



Scale = 1:50.3

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	-0.07	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.27	Vert(CT)	-0.10	8-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.02	10	>999	240	Weight: 173 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

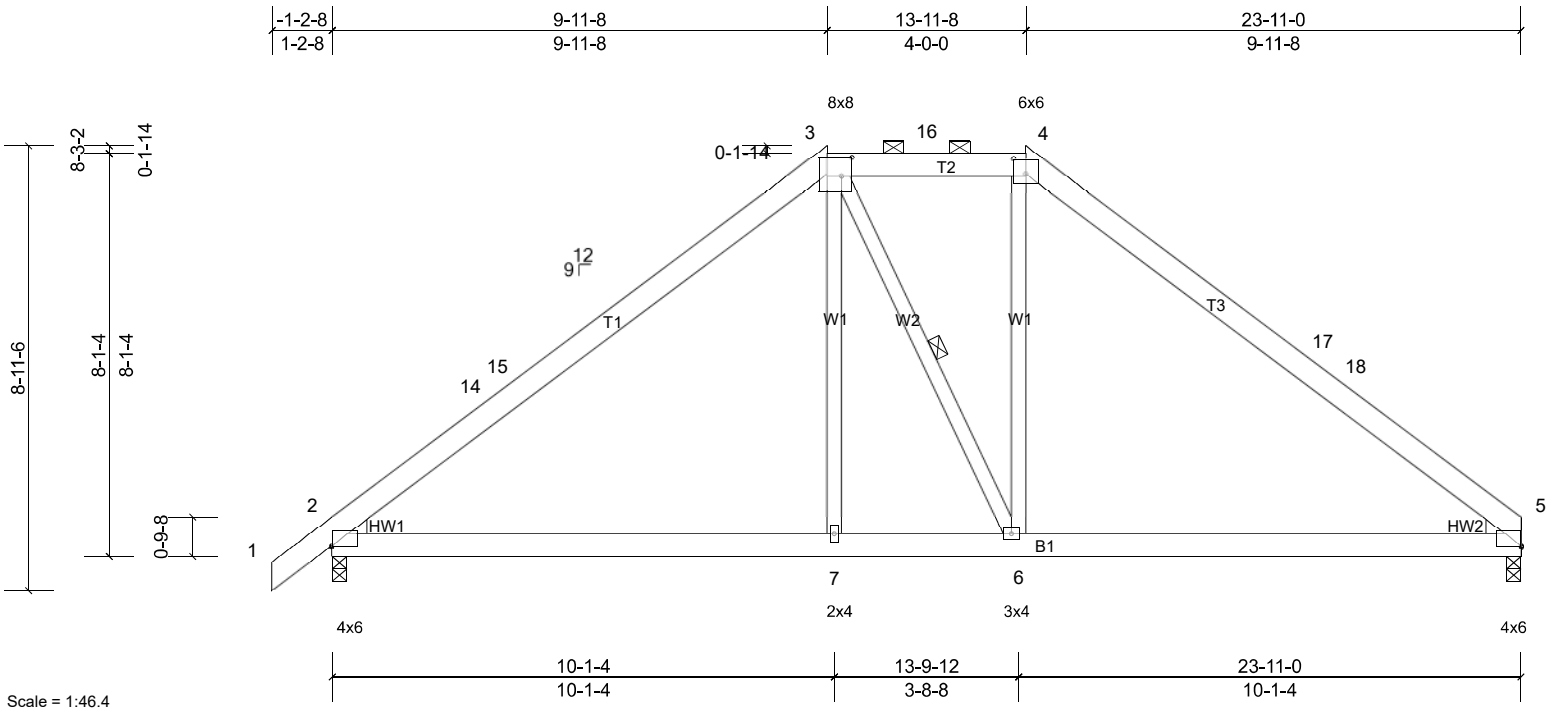
REACTIONS (lb/size) 2=1031/0-3-8, (min. 0-1-8), 7=955/0-3-8, (min. 0-1-8)
Max Horiz 2=287 (LC 9)
Max Uplift 2=-211 (LC 12), 7=-176 (LC 13)
Max Grav 2=1196 (LC 19), 7=1123 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-17=-1256/369, 6-17=-1350/330, 6-7=-1438/275, 2-3=-1434/248, 3-4=-1340/269, 4-19=-1345/323, 5-19=-1251/362
BOT CHORD 2-10=-259/1256, 10-18=-43/828, 9-18=-43/828, 8-9=-43/828, 7-8=-122/1093
WEBS 5-8=-227/740, 6-8=-352/323, 5-10=-220/734, 4-10=-346/320

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 11-11-8, Exterior(2R) 11-11-8 to 16-4-5, Interior (1) 16-4-5 to 23-11-0 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 176 lb uplift at joint 7 and 211 lb uplift at joint 2.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	E2	Hip	2	1	Job Reference (optional)



Scale = 1:46.4

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.35	Vert(LL)	-0.06	7-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.28	Vert(CT)	-0.13	7-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.09	6-10	>999	240	Weight: 163 lb	FT = 25%

LUMBER
TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
WEDGE Left: 2x4 SP No.3
Right: 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 3-6

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

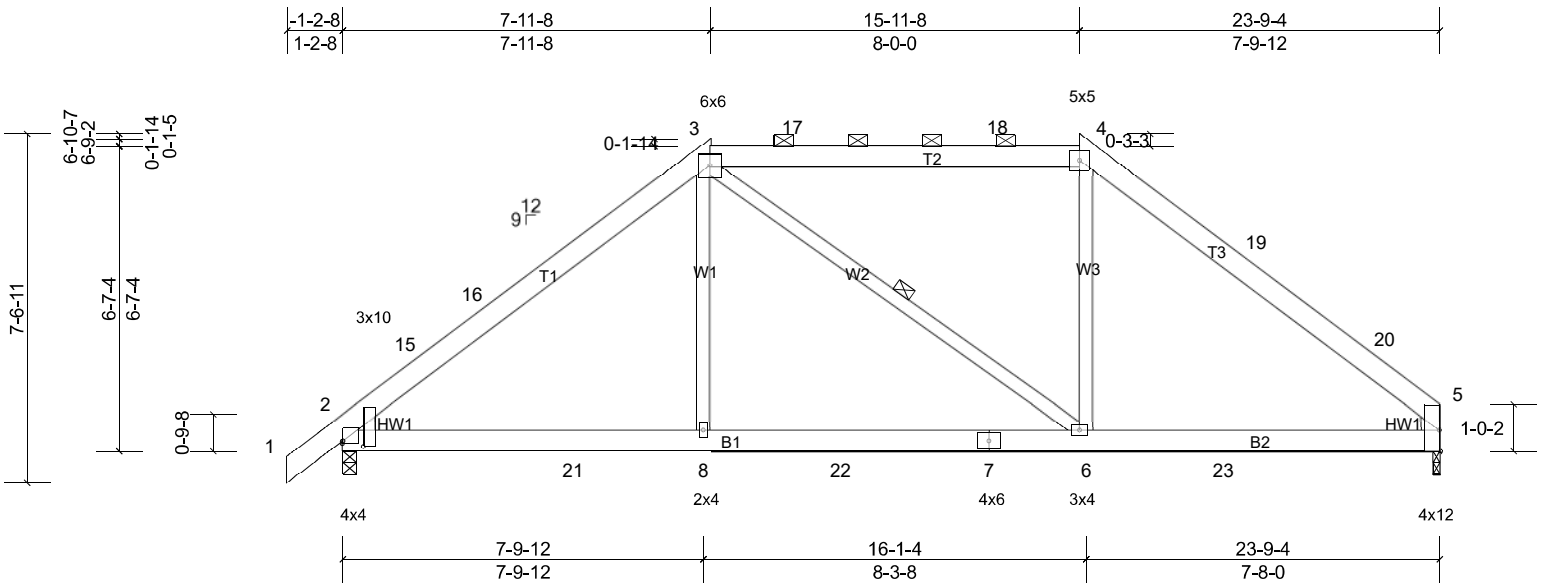
REACTIONS (lb/size) 2=1031/0-3-8, (min. 0-1-8), 5=955/0-3-8, (min. 0-1-8)
Max Horiz 2=239 (LC 11)
Max Uplift 2=-223 (LC 12), 5=-187 (LC 13)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-14=-1143/188, 14-15=-1021/192, 3-15=-973/237, 3-16=-788/313, 4-16=-788/313, 4-17=-977/252, 17-18=-1000/212, 5-18=-1146/207
BOT CHORD 2-7=-345/781, 6-7=-117/784, 5-6=-48/785
WEBS 3-7=0/280, 4-6=-65/294

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 9-11-8, Exterior(2E) 9-11-8 to 13-11-8, Exterior(2R) 13-11-8 to 20-2-3, Interior (1) 20-2-3 to 23-11-0 zone;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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 187 lb uplift at joint 5 and 223 lb uplift at joint 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	Truss	Truss Type	Qty	Ply	
B0625-3026	E3	Hip	1	1	Job Reference (optional)



Scale = 1:49.9

Plate Offsets (X, Y): [2:Edge,0-0-9], [2:0-1-6,0-5-7], [5:Edge,0-0-5]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.26	Vert(LL)	-0.04	6-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.29	Vert(CT)	-0.08	6-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.02	5	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.04	8-11	>999	240	Weight: 158 lb	FT = 25%

LUMBER

TOP CHORD	2x6 SP No.1
BOT CHORD	2x6 SP No.1
WEBS	2x4 SP No.2
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied, except 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD	Structural wood sheathing directly applied.
WEBS	1 Row at midpt 3-6

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

REACTIONS (lb/size) 2=1025/0-3-8, (min. 0-1-8), 5=949/0-1-12, (min. 0-1-8)
Max Horiz 2=197 (LC 9)
Max Uplift 2=-184 (LC 12), 5=-146 (LC 13)
Max Grav 2=1212 (LC 2), 5=1132 (LC 2)

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

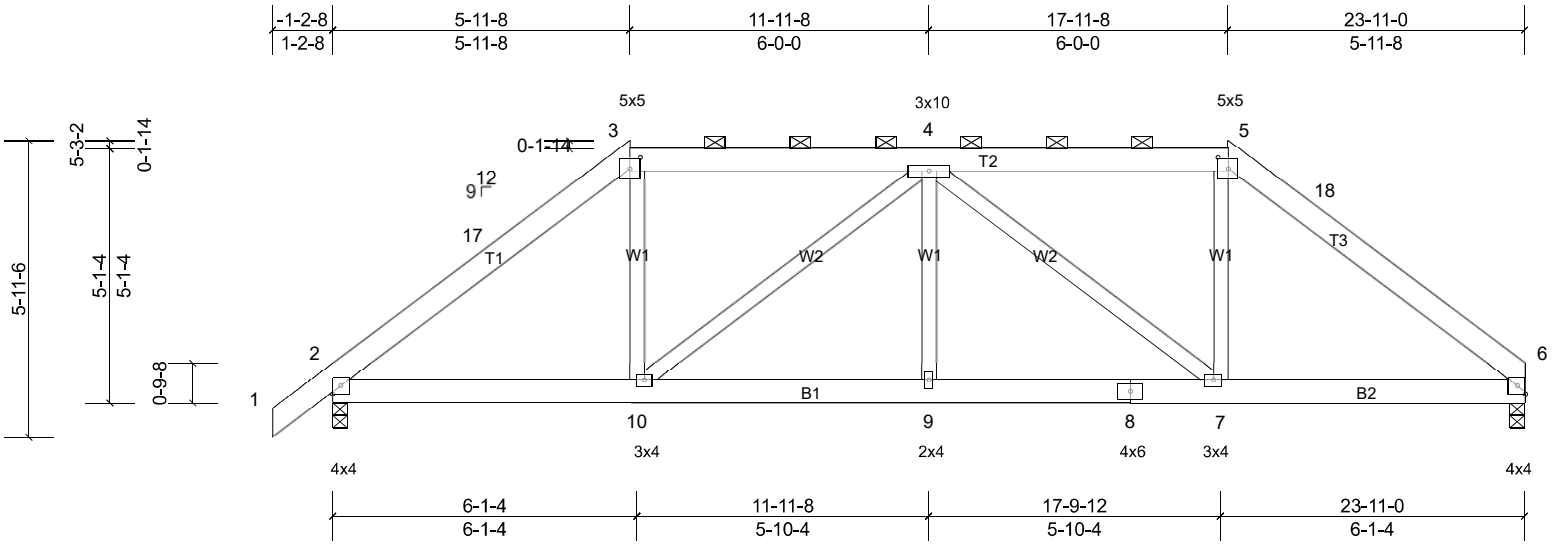
TOP CHORD	2-15=-1472/211, 15-16=-1398/222, 3-16=-1373/256, 3-17=-1043/299, 17-18=-1042/299, 4-18=-1041/300, 4-19=-1297/254, 19-20=-1303/226, 5-20=-1414/210
BOT CHORD	2-21=-170/1104, 8-21=-170/1104, 8-22=-171/1093, 7-22=-171/1093, 6-7=-171/1093, 6-23=-78/1051, 5-23=-78/1051
WEBS	3-8=0/531, 4-6=0/469

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 7-11-8, Exterior(2R) 7-11-8 to 14-2-3, Interior (1) 14-2-3 to 15-11-8, Exterior(2R) 15-11-8 to 22-2-3, Interior (1) 22-2-3 to 23-9-4 zone;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 3-06-00 tall by 2-00-00 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 at joint(s) 5.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 184 lb uplift at joint 2 and 146 lb uplift at joint 5.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	E4	Hip	2	1	Job Reference (optional)



Scale = 1:46.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.14	Vert(LL)	-0.03	9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	-0.06	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.03	7-9	>999	240	Weight: 163 lb	FT = 25%

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, except 2-0-0 oc purlins (6-0-0 max.): 3-5.
BOT CHORD Structural wood sheathing directly applied.

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

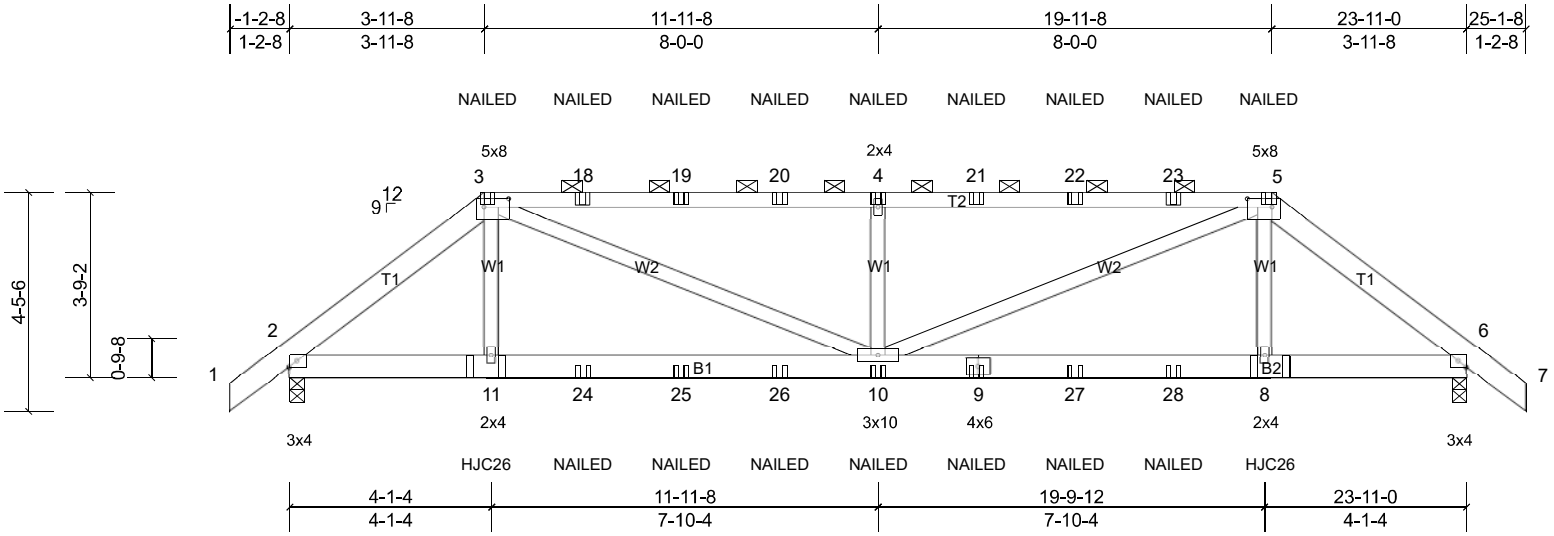
REACTIONS (lb/size) 2=1031/0-3-8, (min. 0-1-8), 6=955/0-3-8, (min. 0-1-8)
Max Horiz 2=150 (LC 11)
Max Uplift 2=-238 (LC 12), 6=-203 (LC 13)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-17=-1277/250, 3-17=-1172/270, 3-4=-956/296, 4-5=-962/301, 5-18=-1137/275, 6-18=-1282/254
BOT CHORD 2-10=-222/944, 9-10=-278/1272, 8-9=-278/1272, 7-8=-278/1272, 6-7=-113/950
WEBS 3-10=-38/414, 4-10=-470/210, 4-7=-466/209, 5-7=-37/414

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 5-11-8, Exterior(2R) 5-11-8 to 11-11-8, Interior (1) 11-11-8 to 17-11-8, Exterior(2E) 17-11-8 to 23-11-0 zone;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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 203 lb uplift at joint 6 and 238 lb uplift at joint 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	Truss	Truss Type	Qty	Ply	
B0625-3026	E5	Hip Girder	1	2	Job Reference (optional)



Scale = 1:46.8

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.46	Vert(LL)	-0.05	10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.09	8-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.21	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MS		Wind(LL)	0.08	10	>999	240	Weight: 298 lb	FT = 25%

LUMBER
TOP CHORD 2x6 SP No.1 *Except* T2:2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP 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.): 3-5.
BOT CHORD Structural wood sheathing directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1442/0-3-8, (min. 0-1-8), 6=1442/0-3-8, (min. 0-1-8)
Max Horiz 2=120 (LC 7)
Max Uplift 2=-769 (LC 8), 6=-769 (LC 9)
Max Grav 2=1448 (LC 15), 6=1448 (LC 16)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1962/1088, 3-18=-2599/1527, 18-19=-2599/1527, 19-20=-2599/1527, 4-20=-2599/1527, 4-21=-2599/1527, 21-22=-2599/1527, 22-23=-2599/1527, 5-23=-2599/1527, 5-6=-1962/1088
BOT CHORD 2-11=-875/1590, 11-24=-877/1604, 24-25=-877/1604, 25-26=-877/1604, 10-26=-877/1604, 9-10=-806/1544, 9-27=-806/1544, 27-28=-806/1544, 8-28=-806/1544, 6-8=-804/1529
WEBS 3-11=-60/408, 3-10=-782/1245, 4-10=-700/632, 5-10=-783/1245, 5-8=-60/409

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Web 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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; Lumber DOL=1.60 plate grip DOL=1.60
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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 769 lb uplift at joint 2 and 769 lb uplift at joint 6.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Use MiTek HJC26 (With 16-16d nails into Girder & 10d nails into Truss) or equivalent spaced at 15-11-4 oc max. starting at 3-11-14 from the left end to 19-11-2 to connect truss (es) XE1 (1 ply 2x4 SP), ZE1 (1 ply 2x6 SP), XE1 (1 ply 2x4 SP), ZE1 (1 ply 2x6 SP) to front face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.

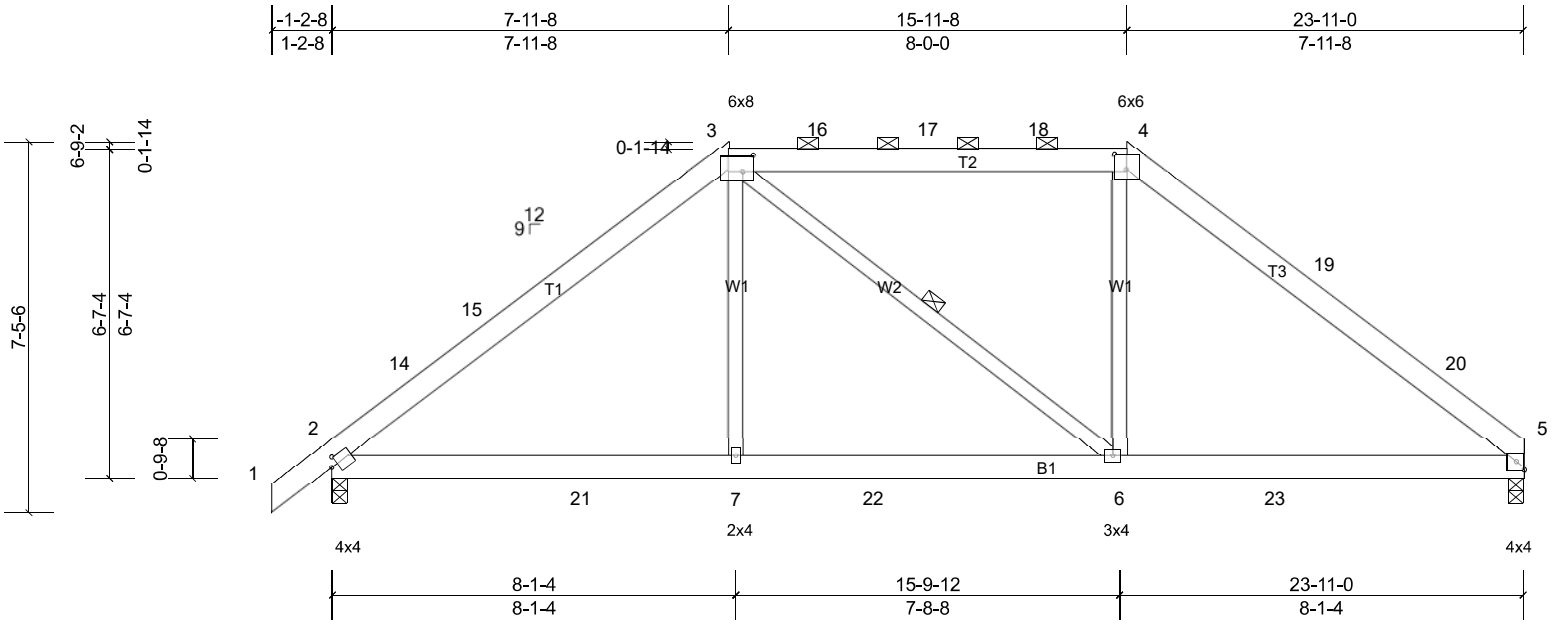
LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-3=-60, 3-5=-60, 5-7=-60, 12-15=-20

Continued on page 2

Concentrated Loads (lb)

Vert: 3=-35 (F), 5=-35 (F), 9=-20 (F), 11=-184 (F), 10=-20 (F), 4=-35 (F), 8=-184 (F), 18=-35 (F), 19=-35 (F), 20=-35 (F), 21=-35 (F), 22=-35 (F), 23=-35 (F), 24=-20 (F), 25=-20 (F), 26=-20 (F), 27=-20 (F), 28=-20 (F)

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	E6	Hip	1	1	Job Reference (optional)



Scale = 1:46.3

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	-0.04	6-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.28	Vert(CT)	-0.07	6-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.02	5	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.04	6-10	>999	240	Weight: 157 lb	FT = 25%

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

REACTIONS (lb/size) 2=1031/0-3-8, (min. 0-1-8), 5=955/0-3-8, (min. 0-1-8)
Max Horiz 2=195 (LC 9)
Max Uplift 2=-231 (LC 12), 5=-196 (LC 13)
Max Grav 2=1222 (LC 2), 5=1141 (LC 2)

BRACING
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 3-6

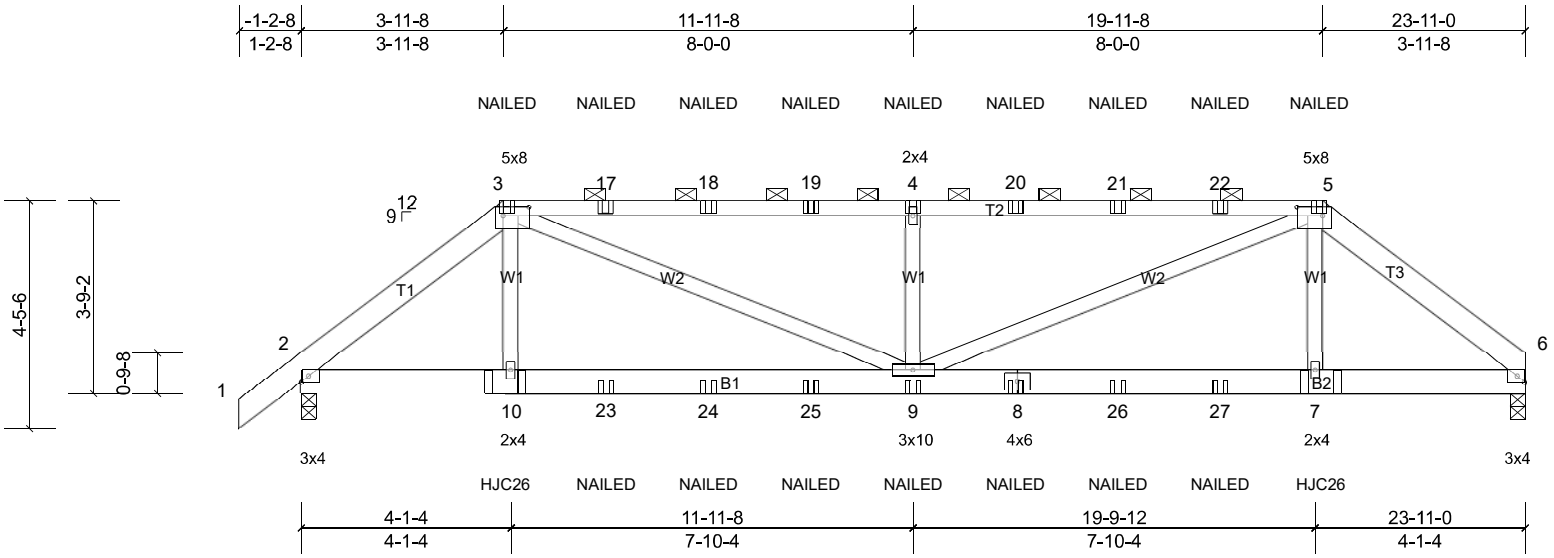
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-14=-1480/211, 14-15=-1395/222, 3-15=-1372/256, 3-16=-1093/305, 16-17=-1093/305, 17-18=-1093/305, 4-18=-1093/305, 4-19=-1333/259, 19-20=-1348/230, 5-20=-1454/215
BOT CHORD 2-21=-256/1103, 7-21=-170/1103, 7-22=-168/1113, 6-22=-168/1113, 6-23=-79/1084, 5-23=-79/1084
WEBS 3-7=0/517, 4-6=0/467

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 7-11-8, Exterior(2R) 7-11-8 to 14-2-3, Interior (1) 14-2-3 to 15-11-8, Exterior(2R) 15-11-8 to 22-2-3, Interior (1) 22-2-3 to 23-11-0 zone;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 3-06-00 tall by 2-00-00 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 196 lb uplift at joint 5 and 231 lb uplift at joint 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	Truss	Truss Type	Qty	Ply	
B0625-3026	E7	Hip Girder	1	**2**	Job Reference (optional)



Scale = 1:45

Plate Offsets (X, Y): [2:0-1-11,0-1-8], [3:0-6-0,0-2-0], [5:0-6-0,0-2-0], [6:0-1-11,0-1-8]

Loading	(psf)	**Spacing**	2-0-0	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.46	Vert(LL)	-0.05	9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.09	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.21	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MS		Wind(LL)	0.08	9	>999	240	Weight: 291 lb	FT = 25%

LUMBER
TOP CHORD 2x6 SP No.1 *Except* T2:2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP 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.): 3-5.
BOT CHORD Structural wood sheathing directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1443/0-3-8, (min. 0-1-8), 6=1367/0-3-8, (min. 0-1-8)
Max Horiz 2=111 (LC 7)
Max Uplift 2=-770 (LC 8), 6=-734 (LC 9)
Max Grav 2=1449 (LC 15), 6=1376 (LC 16)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1963/1088, 3-17=-2605/1528, 17-18=-2605/1528, 18-19=-2605/1528, 4-19=-2605/1528, 4-20=-2605/1528, 20-21=-2605/1528, 21-22=-2605/1528, 5-22=-2605/1528, 5-6=-1968/1095
BOT CHORD 2-10=-886/1563, 10-23=-888/1577, 23-24=-888/1577, 24-25=-888/1577, 9-25=-888/1577, 8-9=-817/1536, 8-26=-817/1536, 26-27=-817/1536, 7-27=-817/1536, 6-7=-816/1522
WEBS 3-10=-59/408, 3-9=-783/1247, 4-9=-700/632, 5-9=-783/1244, 5-7=-63/409

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Web 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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; Lumber DOL=1.60 plate grip DOL=1.60
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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 734 lb uplift at joint 6 and 770 lb uplift at joint 2.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Use MiTek HJC26 (With 16-16d nails into Girder & 10d nails into Truss) or equivalent spaced at 15-11-4 oc max. starting at 3-11-14 from the left end to 19-11-2 to connect truss (es) XE1 (1 ply 2x4 SP), ZE1 (1 ply 2x6 SP), XE1 (1 ply 2x4 SP), ZE1 (1 ply 2x6 SP) to back face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-3=-60, 3-5=-60, 5-6=-60, 11-14=-20

Continued on page 2

Concentrated Loads (lb)

Vert: 3=-35 (B), 5=-35 (B), 8=-20 (B), 10=-184 (B), 9=-20 (B), 4=-35 (B), 7=-184 (B), 17=-35 (B), 18=-35 (B), 19=-35 (B), 20=-35 (B), 21=-35 (B), 22=-35 (B), 23=-20 (B), 24=-20 (B), 25=-20 (B), 26=-20 (B), 27=-20 (B)

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	F1GE	Common Supported Gable	1	1	Job Reference (optional)

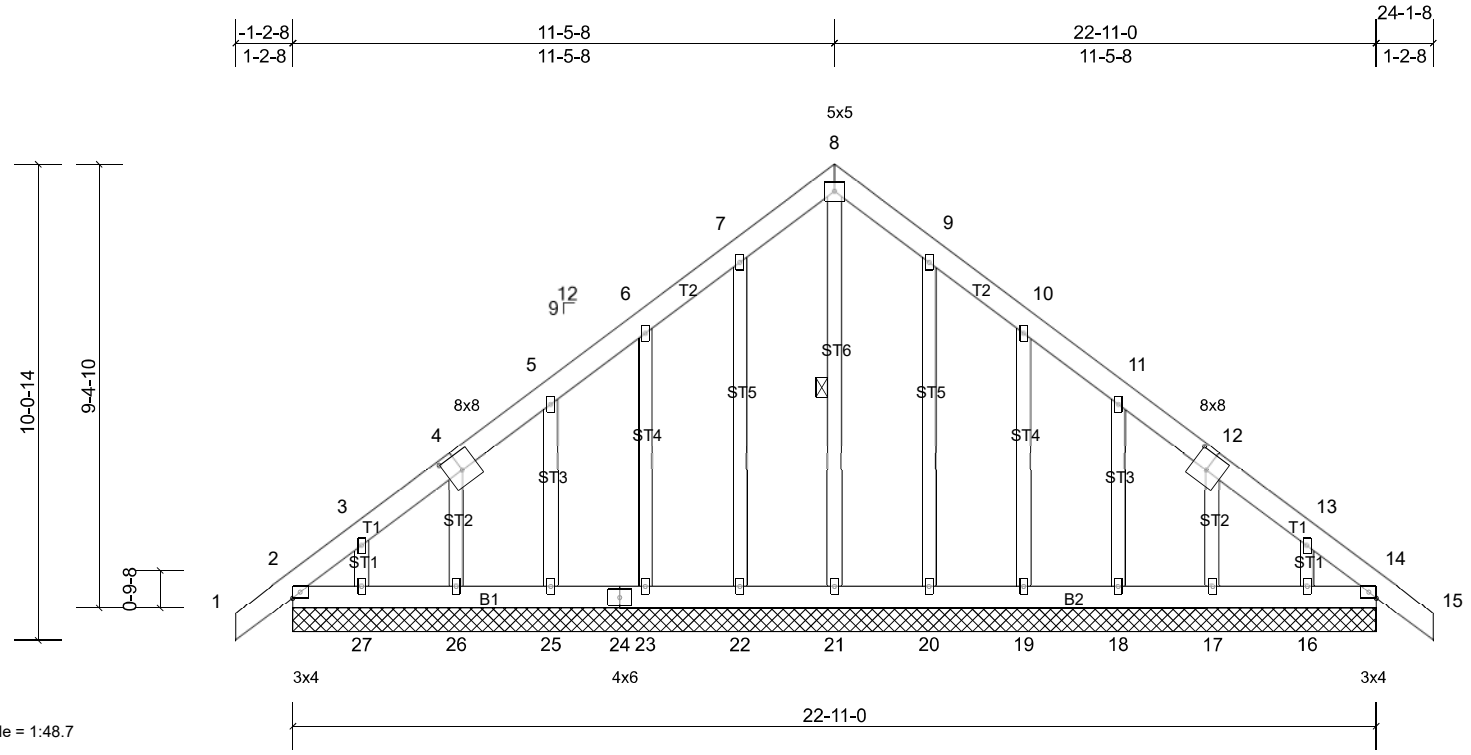


Plate Offsets (X, Y): [4:0-4-0,0-4-8], [12:0-4-0,0-4-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	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	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	14	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 200 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 8-21

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

REACTIONS All bearings 22-11-0.
(lb) - Max Horiz 2=285 (LC 11), 34=285 (LC 11)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 17, 18, 20, 22, 25, 27, 34 except 14=-107 (LC 9), 16=-121 (LC 13), 19=-112 (LC 13), 23=-118 (LC 12), 26=-193 (LC 12), 28=-107 (LC 9)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 14, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 28, 34 except 27=320 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 8-9=-164/275, 7-8=-164/275

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -1-2-8 to 3-5-7, Exterior(2N) 3-5-7 to 11-5-8, Corner(3R) 11-5-8 to 15-10-5, Exterior(2N) 15-10-5 to 24-1-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 20, 18, 17, 22, 25, 27, 2, 2 except (jt=lb) 14=106, 19=112, 16=120, 23=118, 26=193, 14=106.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	F2	Common	2	1	Job Reference (optional)

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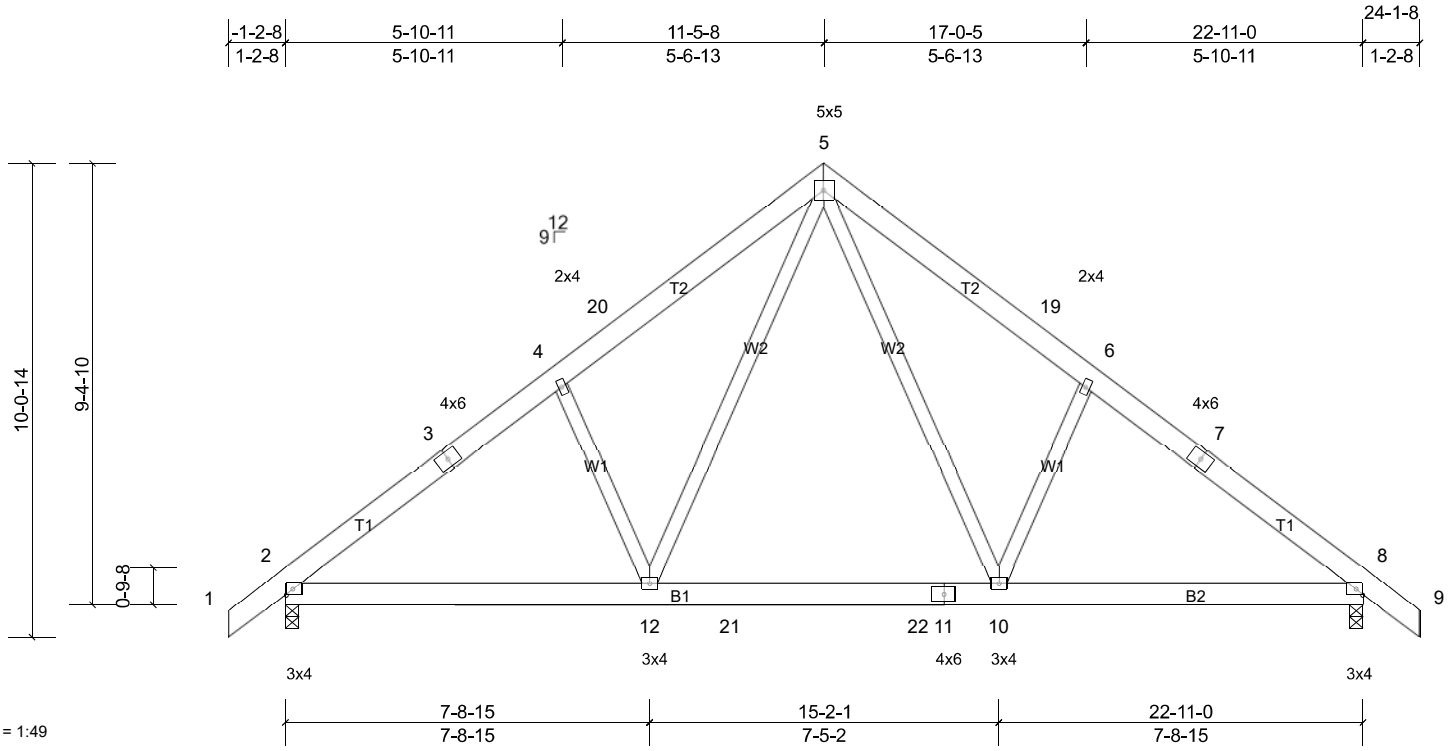


Scale = 1:49

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.10	Vert(LL)	-0.06	10-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	-0.09	10-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(CT)	-0.02	2	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.02	10-18	>999	240	Weight: 170 lb	FT = 25%

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.
BOT CHORD	Structural wood sheathing directly applied.

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

REACTIONS (lb/size) 2=989/0-3-8, (min. 0-1-8), 8=989/0-3-8, (min. 0-1-8)
Max Horiz 8=285 (LC 11)
Max Uplift 2=-204 (LC 12), 8=-204 (LC 13)
Max Grav 2=1146 (LC 19), 8=1146 (LC 20)

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

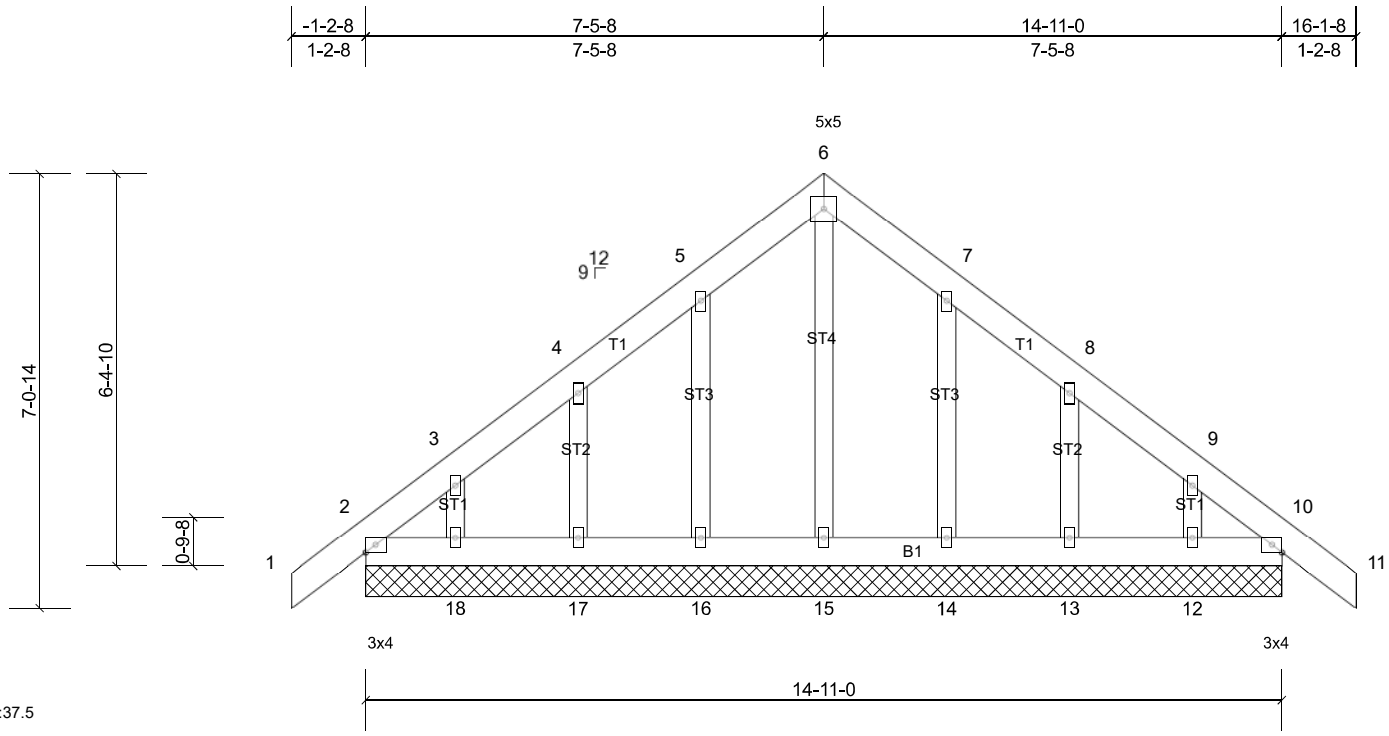
TOP CHORD	5-19=-1186/348, 6-19=-1274/311, 6-7=-1264/256, 7-8=-1358/236, 2-3=-1359/236, 3-4=-1265/256, 4-20=-1275/311, 5-20=-1187/348
BOT CHORD	2-12=-85/1048, 12-21=-22/804, 21-22=-22/804, 11-22=-22/804, 10-11=-22/804, 8-10=-224/1202
WEBS	5-12=-215/698, 4-12=-332/307, 5-10=-215/697, 6-10=-331/307

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 11-5-8, Exterior(2R) 11-5-8 to 15-10-5, Interior (1) 15-10-5 to 24-1-8 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 204 lb uplift at joint 2 and 204 lb uplift at joint 8.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	G1GE	Common	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	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	0.07	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 117 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

REACTIONS All bearings 14-11-0.
(lb) - Max Horiz 2=195 (LC 11), 19=195 (LC 11)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 10, 12, 14, 16, 19, 23 except 13=-107 (LC 13), 17=-104 (LC 12), 18=-108 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 10, 12, 13, 14, 15, 16, 17, 18, 19, 23

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 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -1-2-8 to 3-5-8, Exterior(2N) 3-5-8 to 7-5-8, Corner(3R) 7-5-8 to 11-10-5, Exterior(2N) 11-10-5 to 16-1-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 2, 10, 16, 14, 12, 2, 10 except (jt=lb) 17=104, 18=107, 13=106.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 19.
11) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	G2	Common	5	1	Job Reference (optional)

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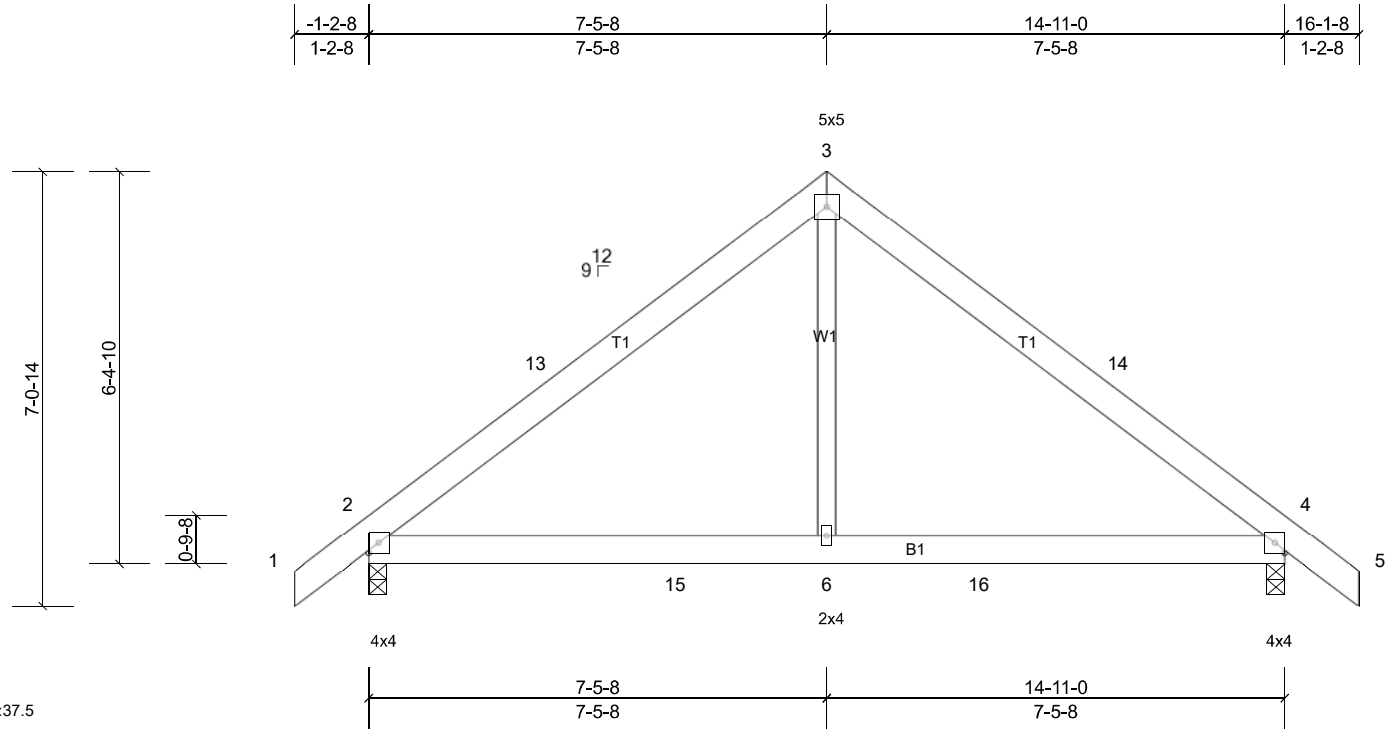

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	-0.03	6-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	-0.04	6-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.03	6-9	>999	240	Weight: 95 lb	FT = 25%

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.
BOT CHORD	Structural wood sheathing directly applied.

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

REACTIONS (lb/size) 2=669/0-3-8, (min. 0-1-8), 4=669/0-3-8, (min. 0-1-8)
Max Horiz 2=195 (LC 11)
Max Uplift 2=-144 (LC 12), 4=-144 (LC 13)
Max Grav 2=806 (LC 19), 4=806 (LC 20)

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

TOP CHORD	2-13=-838/171, 3-13=-694/203, 3-14=-694/203, 4-14=-838/171
BOT CHORD	2-15=-191/637, 6-15=-26/637, 6-16=-26/637, 4-16=-26/637
WEBS	3-6=0/507

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 7-5-8, Exterior(2R) 7-5-8 to 11-10-5, Interior (1) 11-10-5 to 16-1-8 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 2 and 144 lb uplift at joint 4.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	G3	Common Girder	1	**3**	Job Reference (optional)

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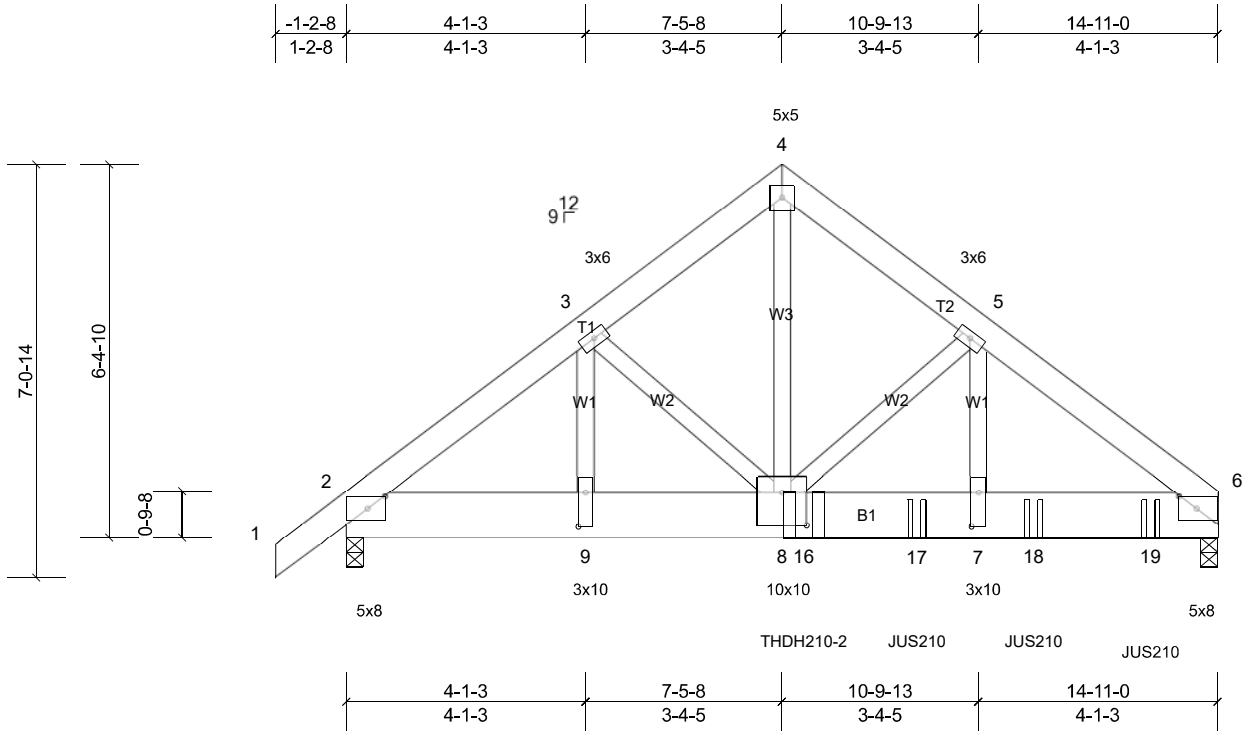

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Plate Offsets (X, Y): [2:0-3-9,0-2-8], [6:0-3-9,0-2-8], [7:0-7-0,0-1-8], [8:0-5-0,0-6-12], [9:0-7-0,0-1-8]

Loading	(psf)	**Spacing**	2-0-0	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	-0.03	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.36	Vert(CT)	-0.06	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.53	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MS		Wind(LL)	0.04	7-8	>999	240	Weight: 404 lb	FT = 25%

LUMBER

TOP CHORD	2x6 SP No.1
BOT CHORD	2x10 SP No.1
WEBS	2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Structural wood sheathing directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=3802/0-3-8, (min. 0-1-9), 6=6722/0-3-8, (min. 0-2-10)
Max Horiz 2=186 (LC 7)
Max Uplift 2=-1305 (LC 8), 6=-1963 (LC 9)
Max Grav 2=3907 (LC 15), 6=6722 (LC 1)

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

TOP CHORD	2-3=-5663/1906, 3-4=-5925/2087, 4-5=-5920/2084, 5-6=-8046/2565
BOT CHORD	2-9=-1525/4534, 8-9=-1525/4534, 8-16=-1979/6379, 16-17=-1979/6379, 7-17=-1979/6379, 7-18=-1979/6379, 18-19=-1979/6379, 6-19=-1979/6379
WEBS	4-8=-2340/6690, 3-8=-302/556, 3-9=-472/216, 5-8=-2474/686, 5-7=-693/3006

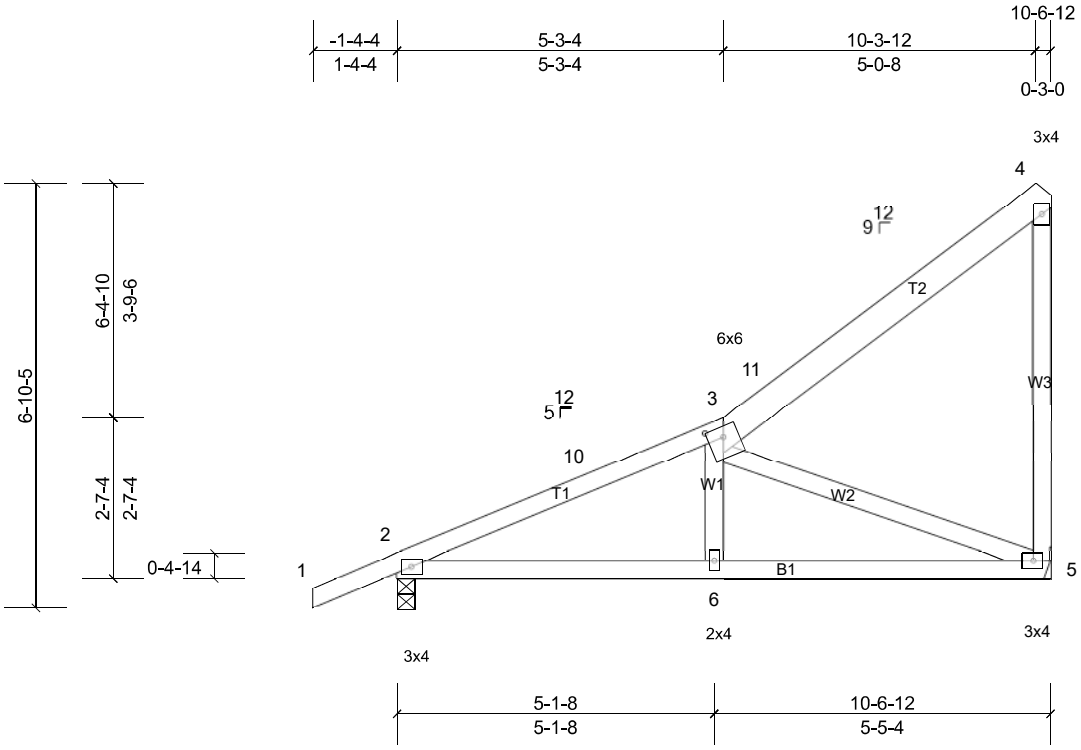
NOTES

1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x10 - 5 rows staggered at 0-4-0 oc.
Web 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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; Lumber DOL=1.60 plate grip DOL=1.60
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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 1963 lb uplift at joint 6 and 1305 lb uplift at joint 2.
8) Use MiTek THDH210-2 (With 46-16d nails into Girder & 12-16d nails into Truss) or equivalent at 7-10-0 from the left end to connect truss(es) B4 (2 ply 2x6 SP) to front face of bottom chord.
9) Use MiTek JUS210 (With 8-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 9-9-4 from the left end to 13-9-4 to connect truss(es) B3 (1 ply 2x6 SP), B2 (1 ply 2x6 SP), B1 (1 ply 2x6 SP) to front face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-4=-60, 4-6=-60, 10-13=-20
Concentrated Loads (lb)
Vert: 16=-4540 (F), 17=-1496 (F), 18=-1568 (F), 19=-1654 (F)

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	H1	Roof Special	1	1	Job Reference (optional)



Scale = 1:37.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	-0.02	5-6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.20	Vert(CT)	-0.04	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.02	6-9	>999	240	Weight: 62 lb	FT = 25%

LUMBER
TOP CHORD 2x4 SP No.1 *Except* T2:2x6 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Structural wood sheathing directly applied.

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

REACTIONS (lb/size) 2=503/0-3-8, (min. 0-1-8), 5=411/ Mechanical, (min. 0-1-8)
Max Horiz 2=300 (LC 12)
Max Uplift 2=-78 (LC 12), 5=-198 (LC 12)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-10=-629/0, 3-10=-570/12
BOT CHORD 2-6=-294/534, 5-6=-298/526
WEBS 3-5=-567/321

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 10-6-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 78 lb uplift at joint 2 and 198 lb uplift at joint 5.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	H2	Jack-Closed	7	1	Job Reference (optional)

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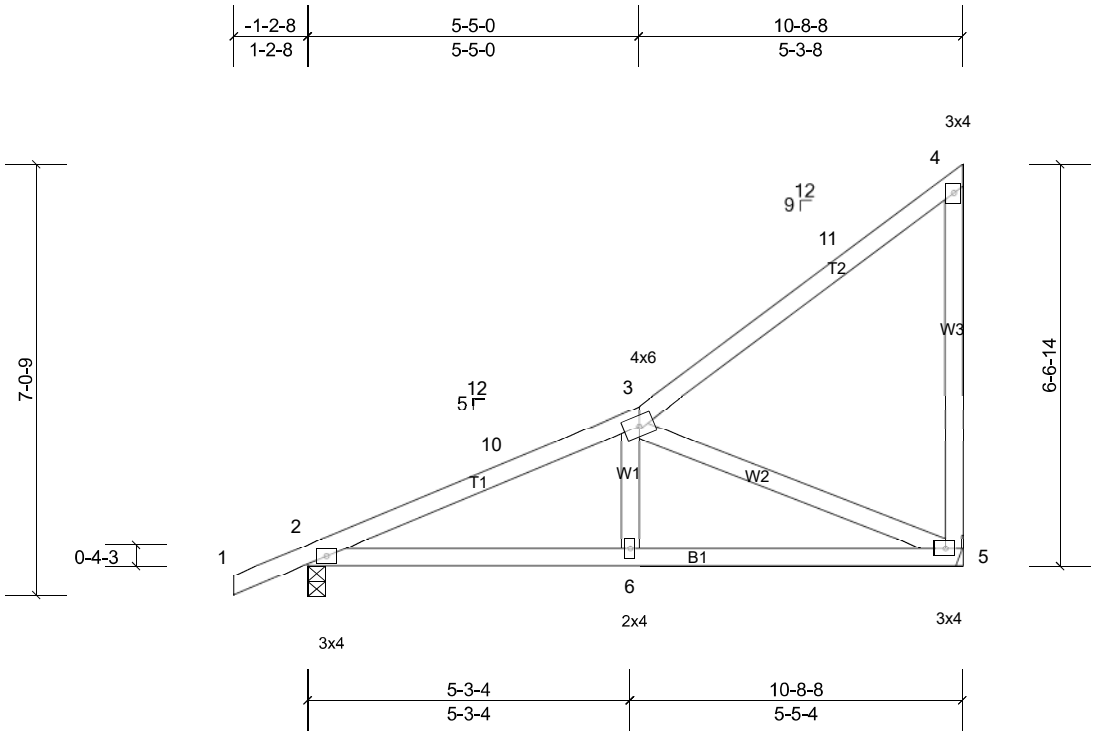

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	-0.02	6-9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.21	Vert(CT)	-0.04	6-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.03	6-9	>999	240	Weight: 57 lb	FT = 25%

LUMBER

TOP CHORD	2x4 SP No.1
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.2

REACTIONS (lb/size) 2=499/0-3-8, (min. 0-1-8), 5=418/ Mechanical, (min. 0-1-8)
Max Horiz 2=287 (LC 12)
Max Uplift 2=-81 (LC 12), 5=-169 (LC 12)

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

TOP CHORD	2-10=-641/0, 3-10=-593/0
BOT CHORD	2-6=-268/558, 5-6=-272/550
WEBS	3-5=-589/284

BRACING

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Structural wood sheathing directly applied.

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

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 10-6-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 81 lb uplift at joint 2 and 169 lb uplift at joint 5.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	H3	Jack-Closed	2	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, user — Run: 8.63 S Jul 12 2024 Print: 8.630 S Jul 12 2024 MiTek Industries, Inc. Thu Jun 12 10:02:45 — Page: 1

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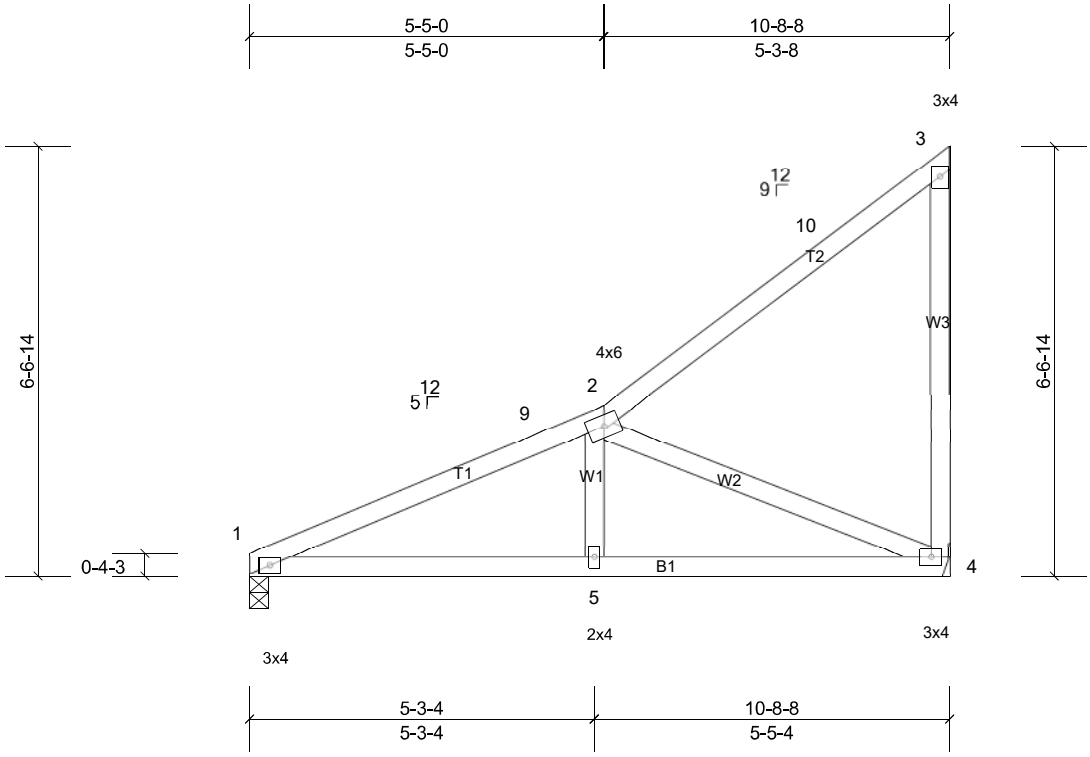

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	-0.02	5-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	-0.05	5-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.03	5-8	>999	240	Weight: 55 lb	FT = 25%

LUMBER

TOP CHORD	2x4 SP No.1
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Structural wood sheathing directly applied.

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

REACTIONS (lb/size) 1=423/0-3-8, (min. 0-1-8), 4=423/ Mechanical, (min. 0-1-8)
Max Horiz 1=267 (LC 12)
Max Uplift 1=-45 (LC 12), 4=-171 (LC 12)

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

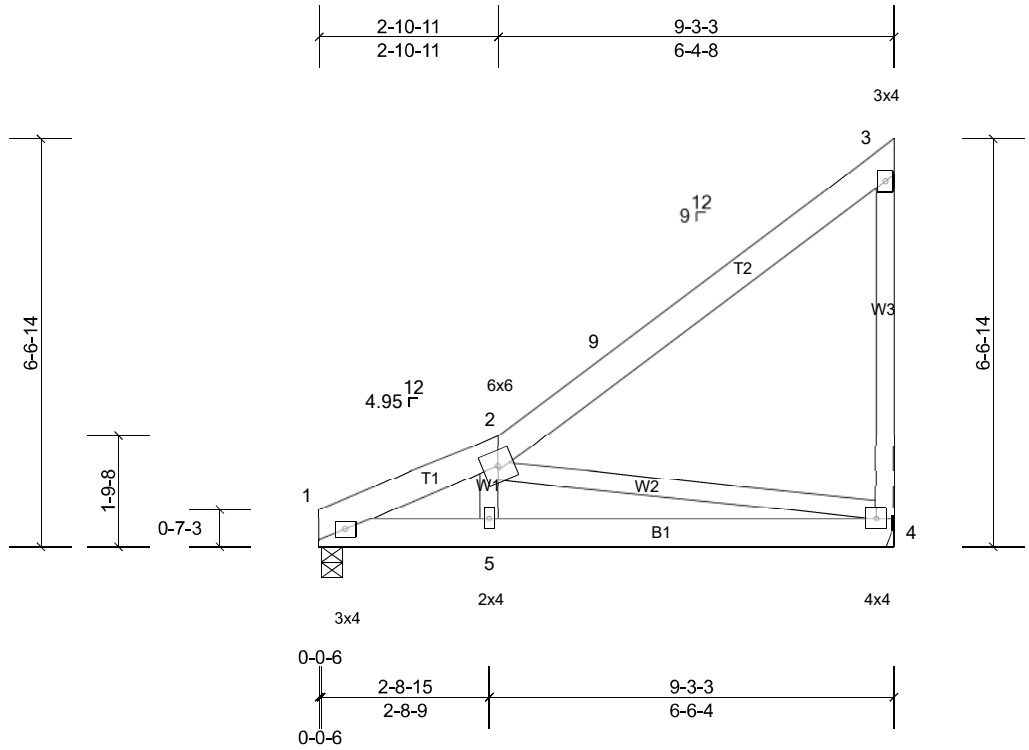
TOP CHORD	1-9=-654/22, 2-9=-566/35
BOT CHORD	1-5=-276/572, 4-5=-280/563
WEBS	2-4=-604/292

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-0 to 4-4-13, Interior (1) 4-4-13 to 10-6-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 45 lb uplift at joint 1 and 171 lb uplift at joint 4.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	H4	Monopitch	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	-0.02	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(CT)	-0.04	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.01	4-5	>999	240	Weight: 67 lb	FT = 25%

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, except end verticals.
BOT CHORD Structural wood sheathing directly applied.

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

REACTIONS (lb/size) 1=365/0-4-3, (min. 0-1-8), 4=365/ Mechanical, (min. 0-1-8)
Max Horiz 1=273 (LC 12)
Max Uplift 1=-13 (LC 12), 4=-195 (LC 12)
Max Grav 1=365 (LC 1), 4=385 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-676/52, 3-4=-194/256
BOT CHORD 1-5=-398/625, 4-5=-414/618
WEBS 2-4=-619/410

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-0 to 2-10-11, Interior (1) 2-10-11 to 9-1-7 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 13 lb uplift at joint 1 and 195 lb uplift at joint 4.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	J1	Common	3	1	Job Reference (optional)

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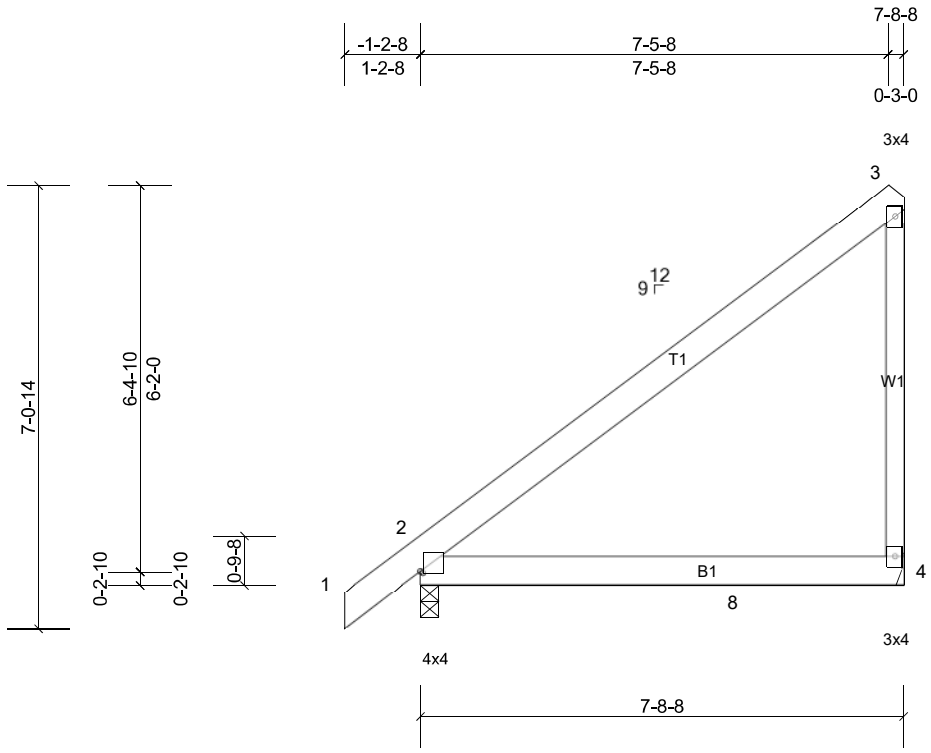

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Plate Offsets (X, Y): [2:0-0-8,0-0-5]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.26	Vert(LL)	-0.05	4-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.26	Vert(CT)	-0.10	4-7	>930	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.06	4-7	>999	240	Weight: 53 lb	FT = 25%

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, except end verticals.
BOT CHORD	Structural wood sheathing directly applied.

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

REACTIONS (lb/size) 2=381/0-3-8, (min. 0-1-8), 4=297/ Mechanical, (min. 0-1-8)
Max Horiz 2=302 (LC 12)
Max Uplift 2=-15 (LC 12), 4=-192 (LC 12)
Max Grav 2=428 (LC 19), 4=457 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-474/233, 3-4=-264/281
BOT CHORD 2-8=-412/255

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 7-6-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 15 lb uplift at joint 2 and 192 lb uplift at joint 4.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	K1	Monopitch	1	1	Job Reference (optional)

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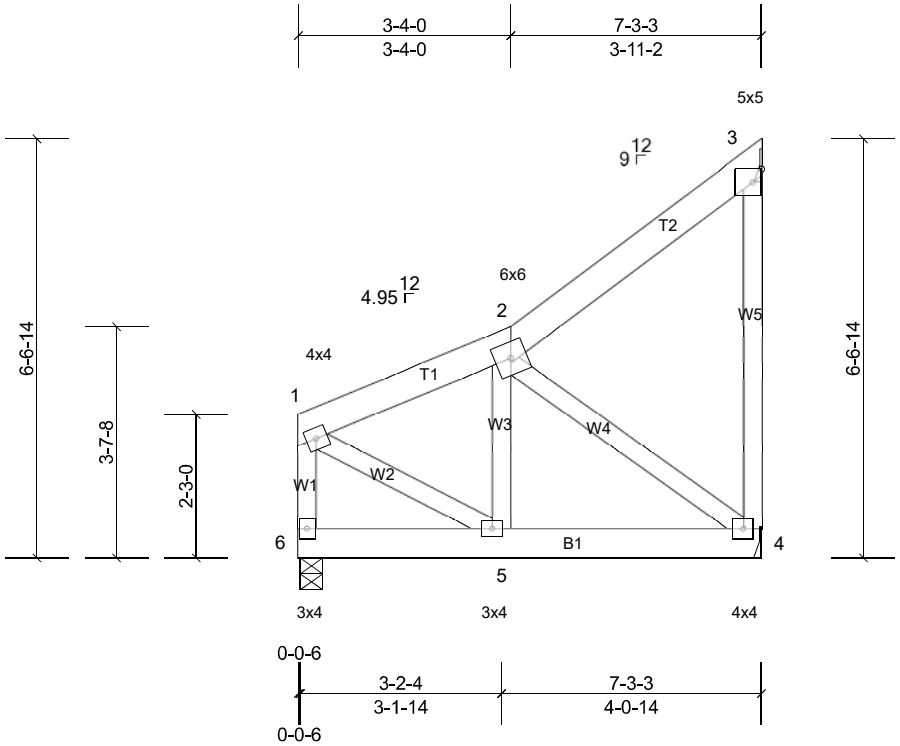


Scale = 1:36.1

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.10	Vert(LL)	0.00	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	-0.01	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.00	5	>999	240	Weight: 64 lb	FT = 25%

LUMBER

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

REACTIONS (lb/size) 3=113/ Mechanical, (min. 0-1-8), 4=165/ Mechanical, (min. 0-1-8), 6=279/0-4-3, (min. 0-1-8)
Max Horiz 6=193 (LC 12)
Max Uplift 3=-114 (LC 12), 4=-73 (LC 12)
Max Grav 3=132 (LC 19), 4=171 (LC 3), 6=279 (LC 1)

BRACING

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Structural wood sheathing directly applied.

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

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

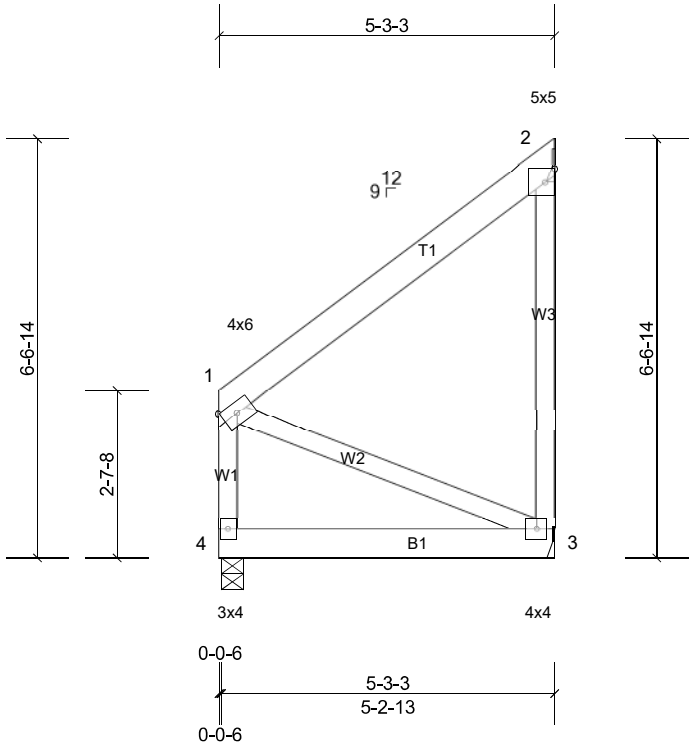
TOP CHORD	1-6=-254/25
BOT CHORD	5-6=-292/121

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-1-12 to 3-4-0, Interior (1) 3-4-0 to 7-1-7 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 114 lb uplift at joint 3 and 73 lb uplift at joint 4.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	K2	Monopitch	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	-0.01	3-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	-0.02	3-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 47 lb	FT = 25%

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, except end verticals.
BOT CHORD Structural wood sheathing directly applied.

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

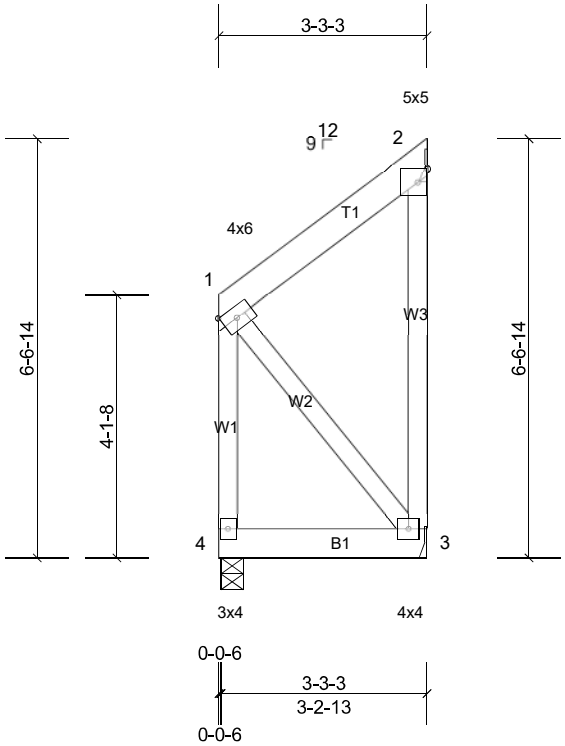
REACTIONS (lb/size) 2=149/ Mechanical, (min. 0-1-8), 3=50/ Mechanical, (min. 0-1-8), 4=199/0-4-3, (min. 0-1-8)
Max Horiz 4=175 (LC 12)
Max Uplift 2=-152 (LC 12), 3=-48 (LC 12)
Max Grav 2=173 (LC 19), 3=99 (LC 3), 4=199 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 3-4=-273/150
WEBS 1-3=-164/299

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-1-12 to 4-6-9, Interior (1) 4-6-9 to 5-1-7 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 152 lb uplift at joint 2 and 48 lb uplift at joint 3.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	K3	Monopitch	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.06	Vert(LL)	0.00	3-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	0.00	3-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 37 lb	FT = 25%

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, except end verticals.
BOT CHORD Structural wood sheathing directly applied.

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

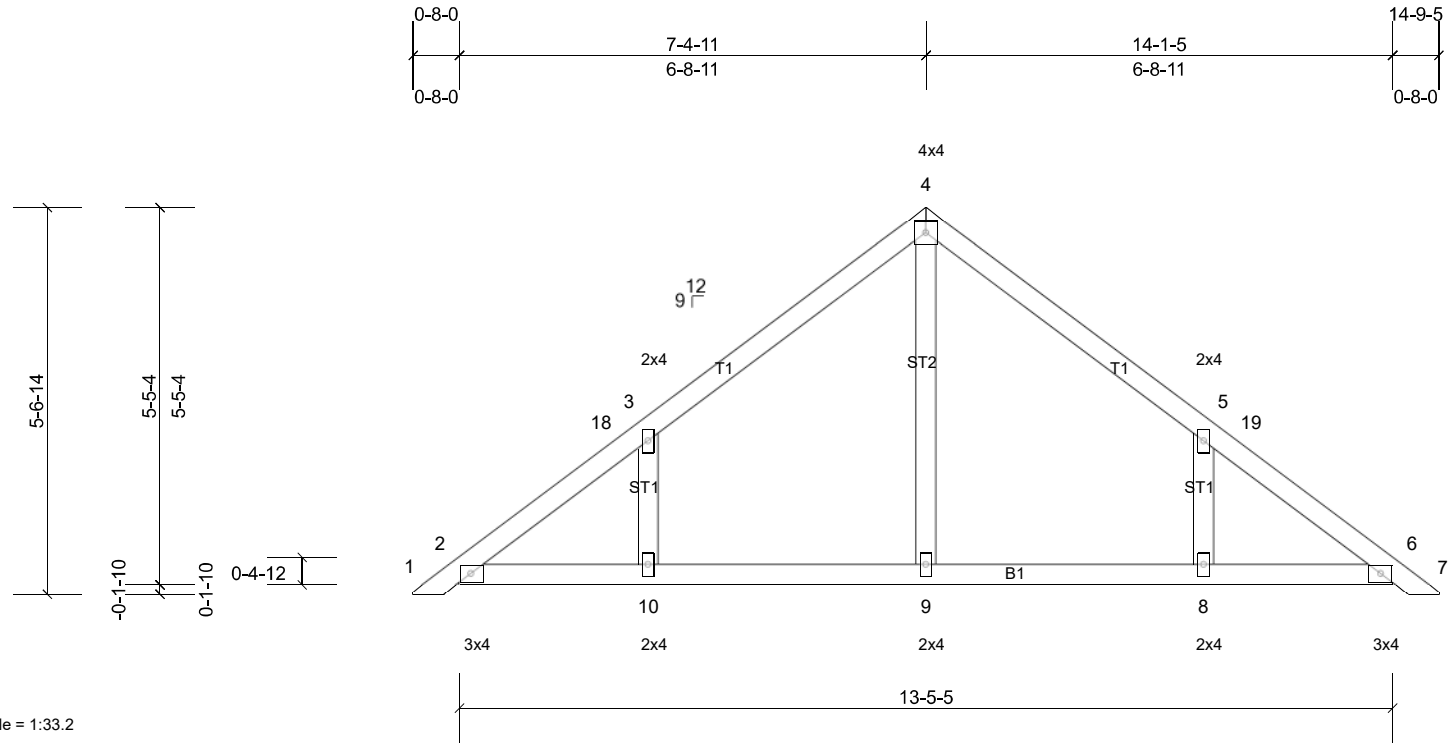
REACTIONS (lb/size) 2=89/ Mechanical, (min. 0-1-8), 3=30/ Mechanical, (min. 0-1-8), 4=119/0-4-3, (min. 0-1-8)
Max Horiz 4=104 (LC 12)
Max Uplift 2=-91 (LC 12), 3=-113 (LC 12)
Max Grav 2=104 (LC 19), 3=77 (LC 10), 4=157 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 1-3=-144/268

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 91 lb uplift at joint 2 and 113 lb uplift at joint 3.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	PA1	Piggyback	11	1	Job Reference (optional)



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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 60 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

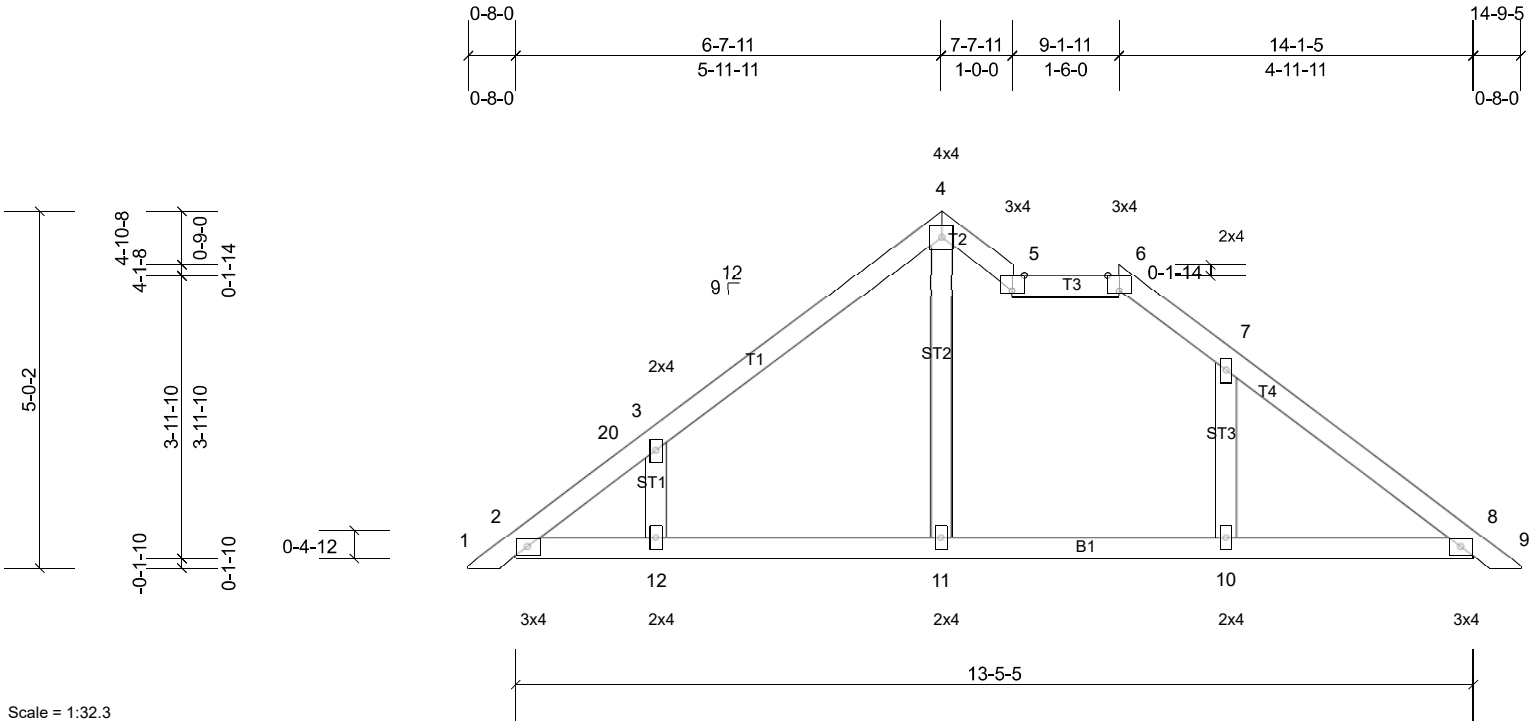
REACTIONS All bearings 13-5-5.
(lb) - Max Horiz 2=161 (LC 11), 11=161 (LC 11)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 11, 15 except 8=-199 (LC 13), 10=-201 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 9, 11, 15 except 8=349 (LC 20), 10=350 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-271/242, 5-8=-270/242

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 4-7-15, Interior (1) 4-7-15 to 7-5-3, Exterior(2R) 7-5-3 to 11-9-15, Interior (1) 11-9-15 to 14-7-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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 100 lb uplift at joint(s) 2, 6, 2, 6 except (jt=lb) 10=200, 8=199.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) 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	
B0625-3026	PA2	Piggyback	1	1	Job Reference (optional)



Scale = 1:32.3

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	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	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 59 lb	FT = 25%

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, except 2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Structural wood sheathing directly applied.

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

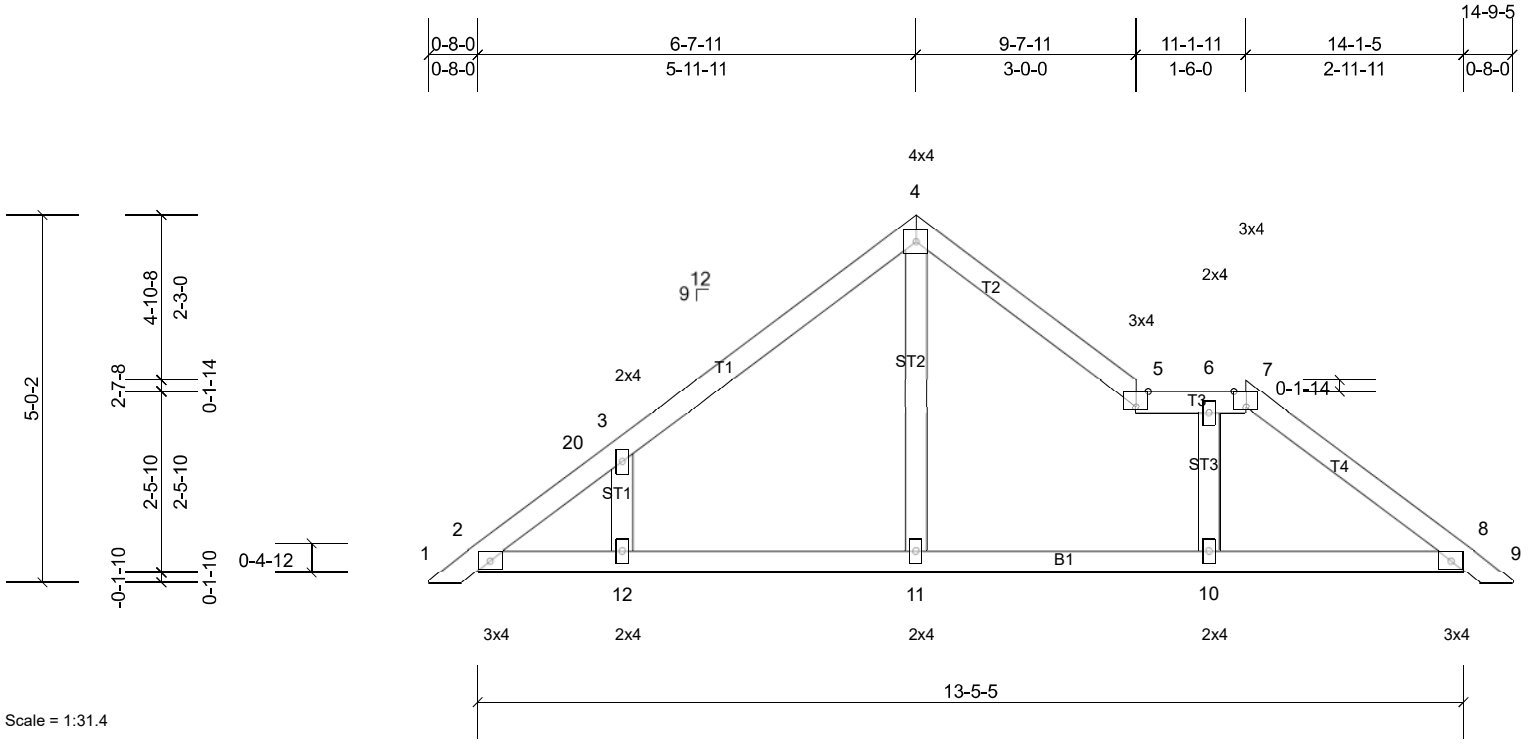
REACTIONS All bearings 13-5-5.
(lb) - Max Horiz 2=-144 (LC 10), 13=-144 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 8, 11, 13, 17 except 10=-174 (LC 13), 12=-187 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 8, 13, 17 except 10=339 (LC 20), 11=270 (LC 1), 12=320 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-255/237

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 4-7-15, Interior (1) 4-7-15 to 6-8-3, Exterior(2E) 6-8-3 to 7-8-3, Interior (1) 7-8-3 to 9-2-3, Exterior(2R) 9-2-3 to 13-9-11, Interior (1) 13-9-11 to 14-7-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 2, 8, 11, 2, 8 except (jt=lb) 12=186, 10=173.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	PA3	Piggyback	1	1	Job Reference (optional)



Scale = 1:31.4

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	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	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 58 lb	FT = 25%

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, except 2-0-0 oc purlins (6-0-0 max.): 5-7.
BOT CHORD Structural wood sheathing directly applied.

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

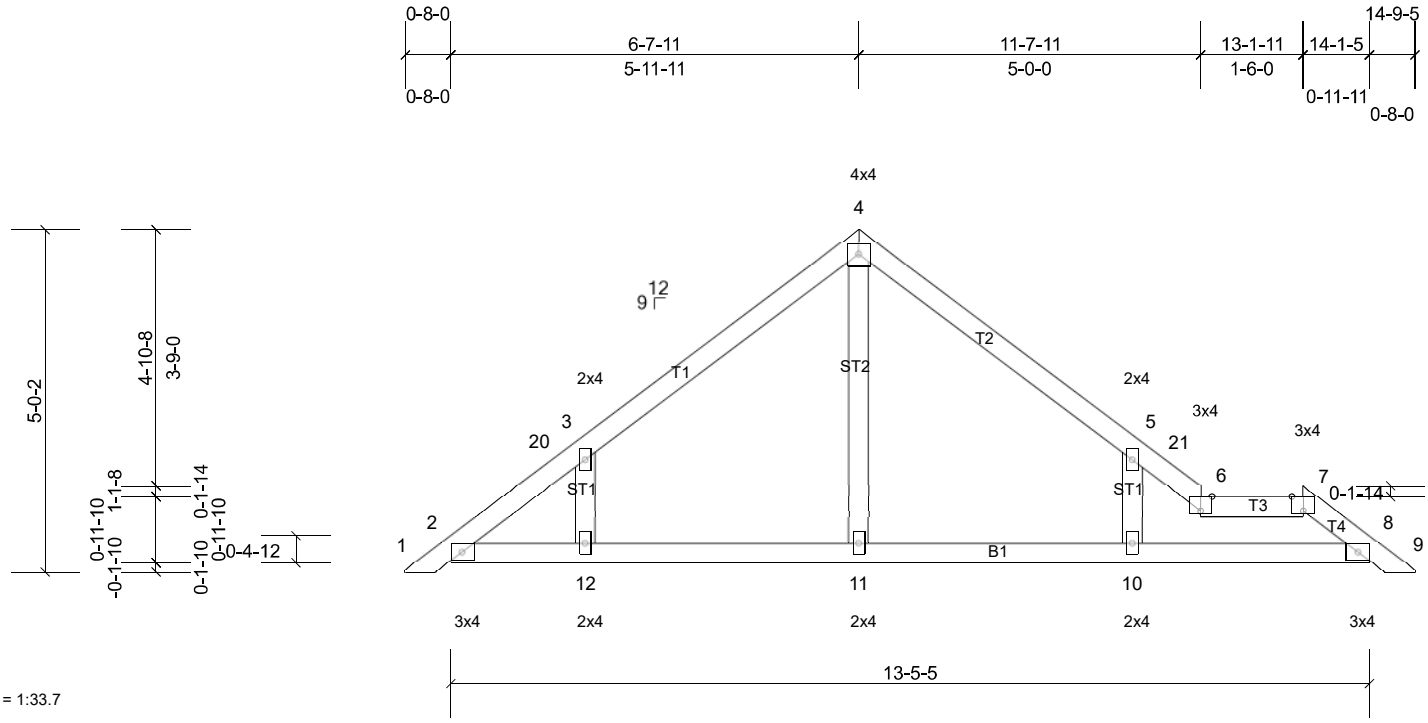
REACTIONS All bearings 13-5-5.
(lb) - Max Horiz 2=-144 (LC 10), 13=-144 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 11, 13 except 10=-183 (LC 13), 12=-188 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 8, 13, 17 except 10=348 (LC 26), 11=333 (LC 1), 12=326 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-11=-252/106, 3-12=-261/241, 6-10=-253/211

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 4-7-15, Interior (1) 4-7-15 to 6-8-3, Exterior(2E) 6-8-3 to 9-8-3, Interior (1) 9-8-3 to 11-2-3, Exterior(2E) 11-2-3 to 14-7-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 2, 11, 2 except (jt=lb) 12=188, 10=182.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	PA4	Piggyback	1	1	Job Reference (optional)



Scale = 1:33.7

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	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	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 57 lb	FT = 25%

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, except 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Structural wood sheathing directly applied.

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

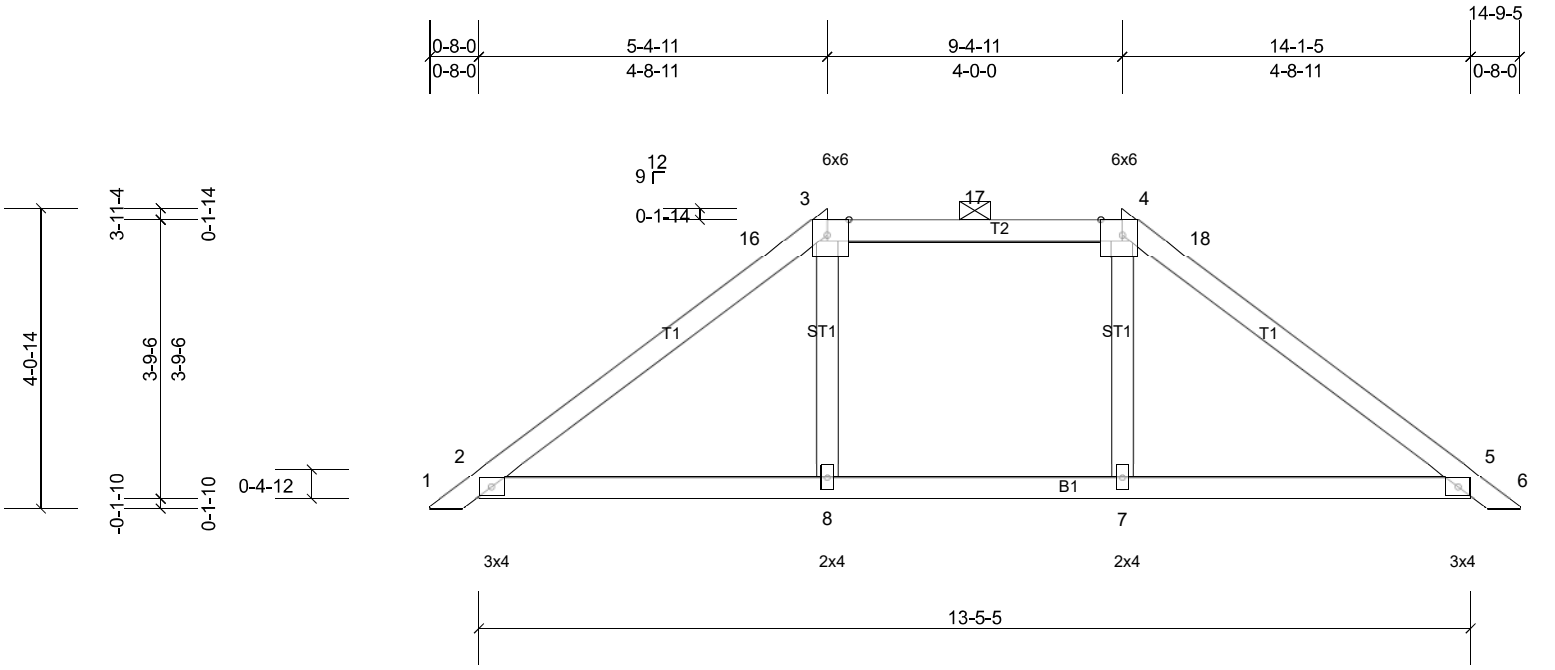
REACTIONS All bearings 13-5-5.
(lb) - Max Horiz 2=-144 (LC 10), 13=-144 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 8, 13, 17 except 10=-185 (LC 13), 12=-187 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 8, 13, 17 except 10=358 (LC 26), 11=273 (LC 19), 12=327 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-12=-262/239, 5-10=-268/234

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 4-7-15, Interior (1) 4-7-15 to 6-8-3, Exterior(2R) 6-8-3 to 11-0-15, Interior (1) 11-0-15 to 13-2-3, Exterior(2E) 13-2-3 to 14-7-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 2, 8, 2, 8 except (jt=lb) 12=186, 10=184.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	PA5	Piggyback	1	1	Job Reference (optional)



Scale = 1:31.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	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	0.05	Horz(CT)	0.00	13	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 56 lb	FT = 25%

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, except 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Structural wood sheathing directly applied.

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

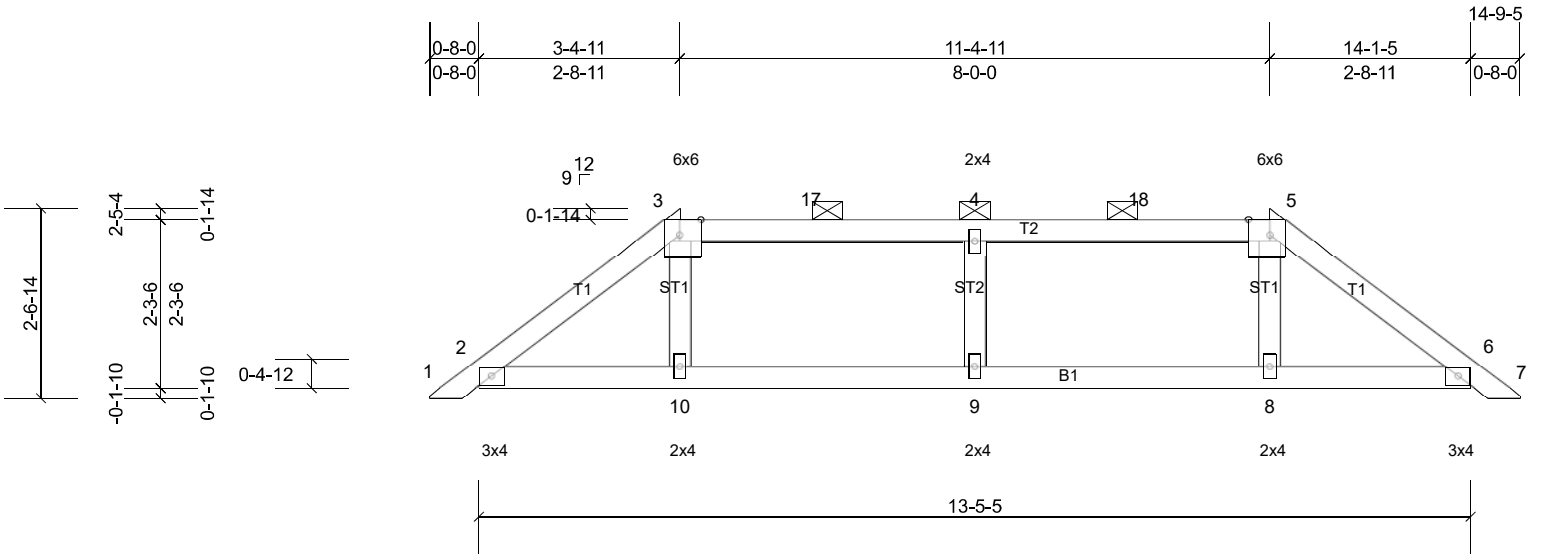
REACTIONS All bearings 13-5-5.
(lb) - Max Horiz 2=-114 (LC 10), 9=-114 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 5, 7, 9, 13 except 8=-104 (LC 9)
Max Grav All reactions 250 (lb) or less at joint(s) except 2=266 (LC 1), 5=266 (LC 1), 7=334 (LC 26), 8=334 (LC 25), 9=266 (LC 1), 13=266 (LC 1)

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 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 4-7-15, Interior (1) 4-7-15 to 5-5-3, Exterior(2E) 5-5-3 to 14-7-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 2, 5, 7, 2, 5 except (jt=lb) 8=104.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	PA6	Piggyback	1	1	Job Reference (optional)



Scale = 1:31.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horiz(TL)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 52 lb	FT = 25%

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, except 2-0-0 oc purlins (6-0-0 max.): 3-5.
BOT CHORD Structural wood sheathing directly applied.

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

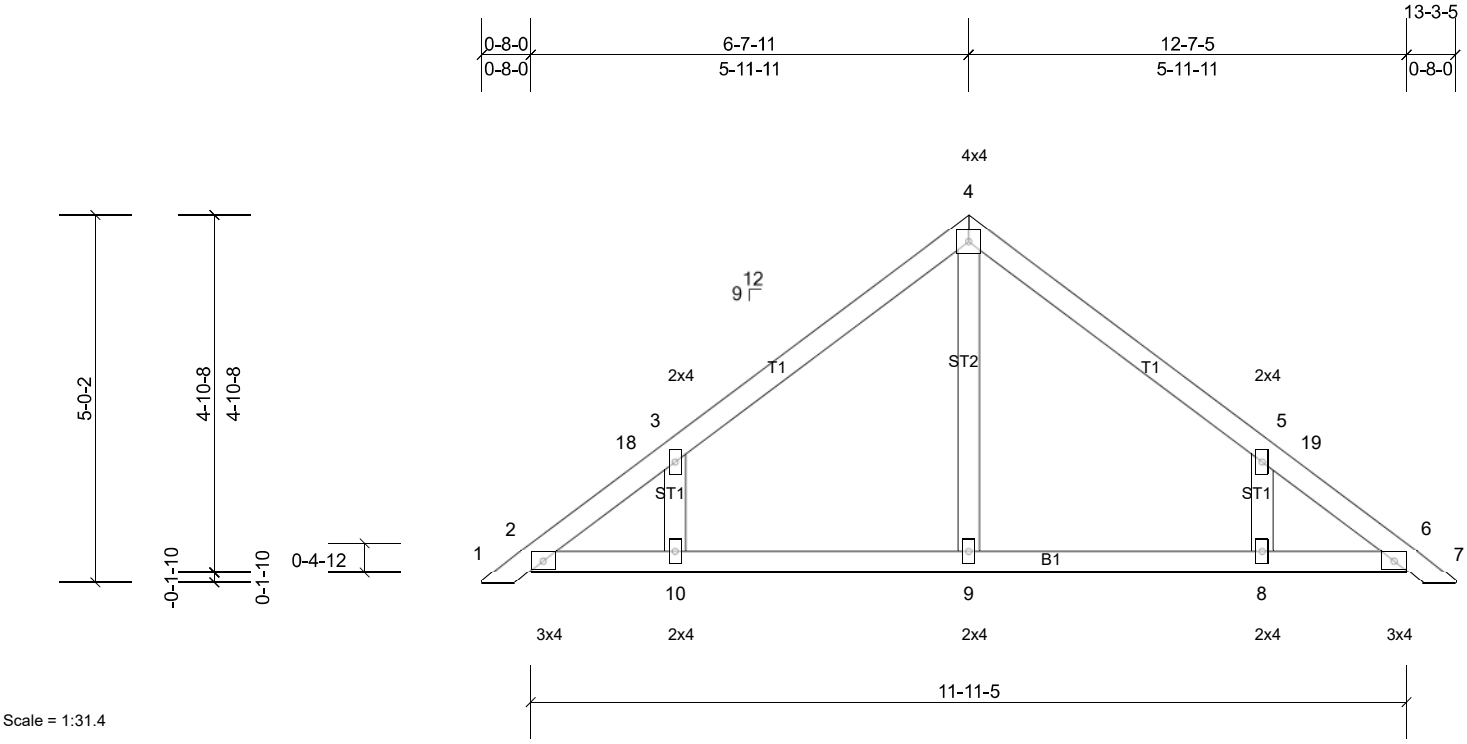
REACTIONS All bearings 14-10-5.
(lb) - Max Horiz 1=-69 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) 7, 8, 10 except 1=-119 (LC 10), 2=-117 (LC 12), 6=-105 (LC 13), 9=-111 (LC 8), 11=-117 (LC 12), 14=-105 (LC 13)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 6, 7, 8, 10, 14 except 2=272 (LC 19), 9=355 (LC 25), 11=272 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-9=-271/168

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 3-5-3, Exterior(2R) 3-5-3 to 9-7-13, Interior (1) 9-7-13 to 11-5-3, Exterior(2E) 11-5-3 to 14-7-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 7, 8, 10 except (jt=lb) 1=118, 2=117, 6=105, 9=110, 2=117, 6=105.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	PB1	Piggyback	4	1	Job Reference (optional)



Scale = 1:31.4

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	15	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 53 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

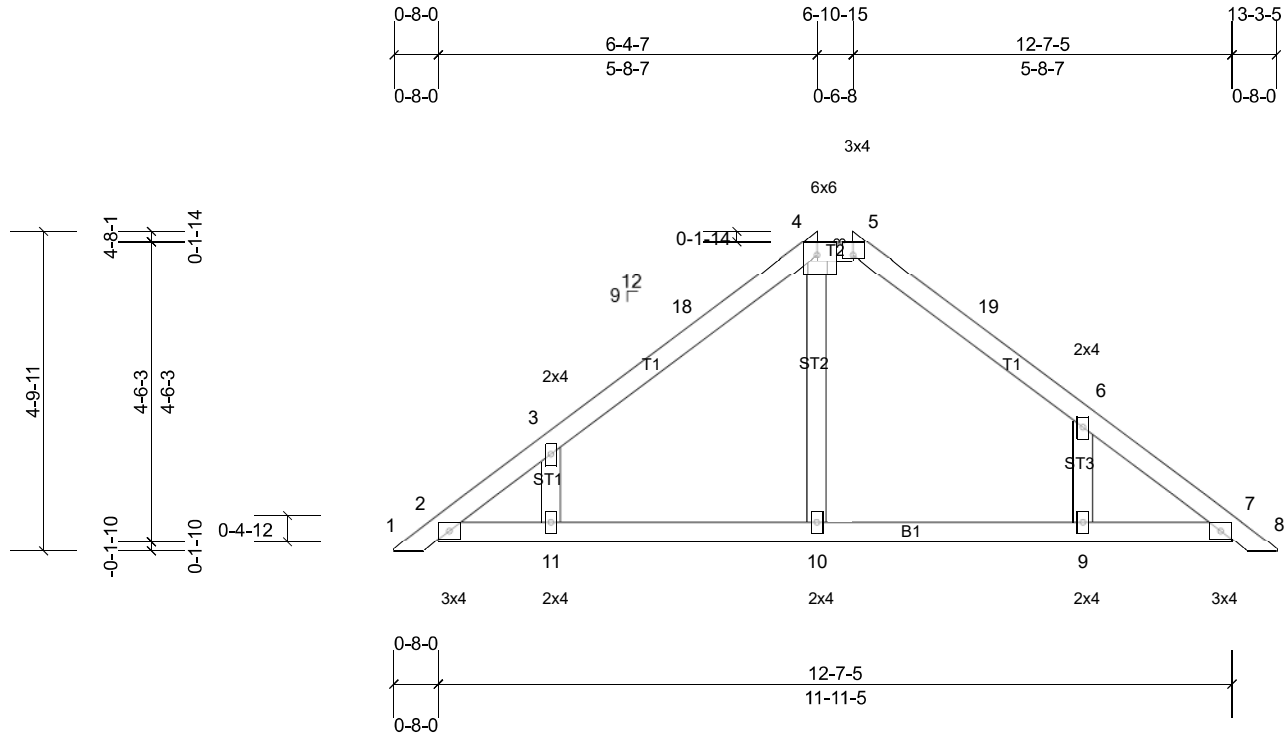
REACTIONS All bearings 11-11-5.
(lb) - Max Horiz 2=144 (LC 11), 11=144 (LC 11)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 11, 15 except 8=-185 (LC 13), 10=-187 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 11, 15 except 8=321 (LC 20), 9=262 (LC 1), 10=322 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-260/256, 5-8=-259/256

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 4-7-15, Interior (1) 4-7-15 to 6-8-3, Exterior(2R) 6-8-3 to 11-0-15, Interior (1) 11-0-15 to 13-1-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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 100 lb uplift at joint(s) 2, 6, 2, 6 except (jt=lb) 10=186, 8=185.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) 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	
B0625-3026	PB2	Piggyback	1	1	Job Reference (optional)



Scale = 1:34.7

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horiz(TL)	0.00	7	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 52 lb	FT = 25%

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, except 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD Structural wood sheathing directly applied.

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

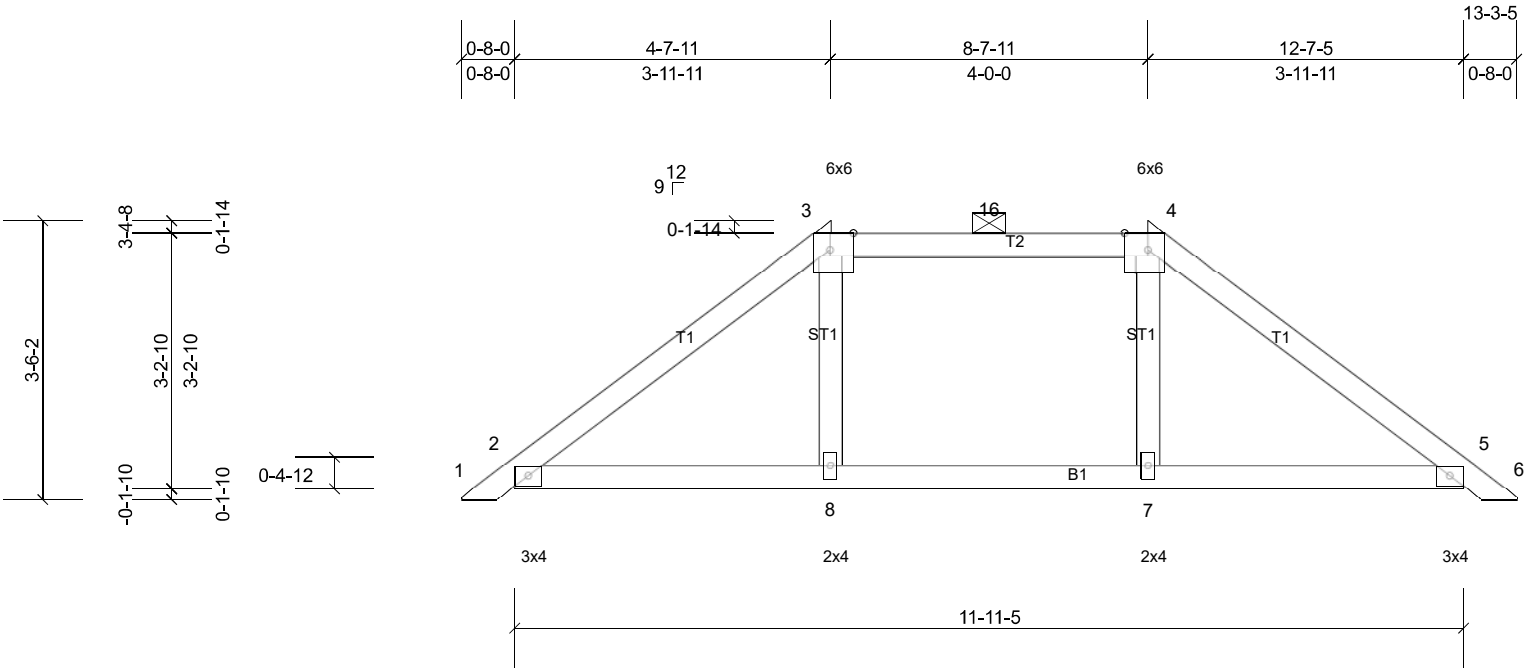
REACTIONS All bearings 13-4-5.
(lb) - Max Horiz 1=-137 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 7, 8, 10, 15 except 9=-162 (LC 13), 11=-193 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 2, 7, 8, 12, 15 except 9=309 (LC 20), 10=272 (LC 19), 11=328 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-11=-265/275

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 4-7-15, Interior (1) 4-7-15 to 6-4-15, Exterior(2E) 6-4-15 to 13-1-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 1, 8, 7, 10, 7 except (jt=lb) 11=193, 9=161.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	PB3	Piggyback	1	1	Job Reference (optional)



Scale = 1:29

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	13	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 49 lb	FT = 25%

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, except 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Structural wood sheathing directly applied.

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

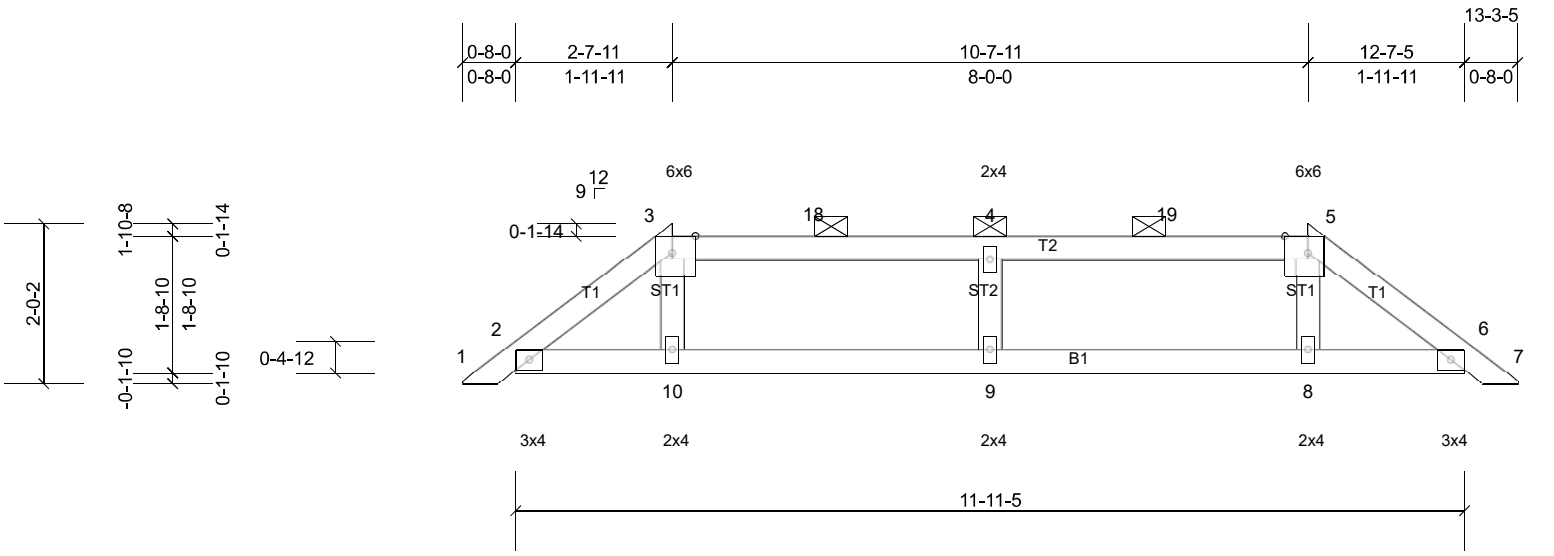
REACTIONS All bearings 11-11-5.
(lb) - Max Horiz 2=-97 (LC 10), 9=-97 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 5, 7, 8, 9, 13
Max Grav All reactions 250 (lb) or less at joint(s) 2, 5, 9, 13 except 7=312 (LC 26), 8=312 (LC 25)

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 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 2, 5, 8, 7, 2, 5.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	PB4	Piggyback	1	1	Job Reference (optional)



Scale = 1:29

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 45 lb	FT = 25%

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, except 2-0-0 oc purlins (6-0-0 max.): 3-5.
BOT CHORD Structural wood sheathing directly applied.

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

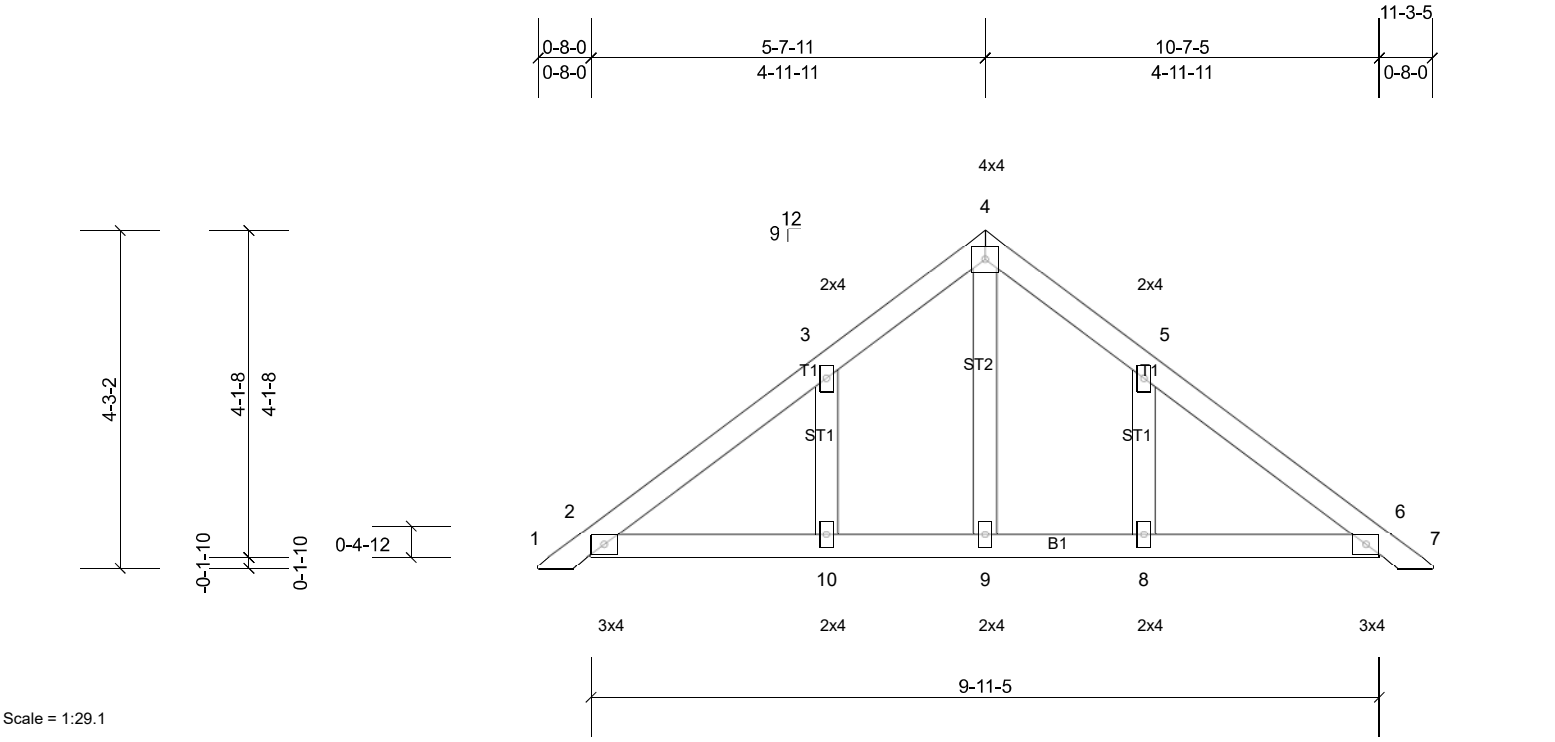
REACTIONS All bearings 11-11-5.
(lb) - Max Horiz 2=53 (LC 11), 11=53 (LC 11)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 8, 10, 11, 15 except 9=-110 (LC 8)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 8, 10, 11, 15 except 9=357 (LC 25)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-9=-271/183

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 2-8-3, Exterior(2R) 2-8-3 to 8-10-13, Interior (1) 8-10-13 to 10-8-3, Exterior(2E) 10-8-3 to 13-1-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 2, 6, 10, 8, 2, 6 except (jt=lb) 9=109.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	PD1GE	Piggyback	1	1	Job Reference (optional)



Scale = 1:29.1

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	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	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 47 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

REACTIONS All bearings 9-11-5.
(lb) - Max Horiz 2=-122 (LC 10), 11=-122 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 11, 15 except 8=-154 (LC 13), 10=-156 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 9, 11, 15 except 8=279 (LC 20), 10=281 (LC 19)

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 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 4-7-15, Interior (1) 4-7-15 to 5-8-3, Exterior(2R) 5-8-3 to 10-3-11, Interior (1) 10-3-11 to 11-1-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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 100 lb uplift at joint(s) 2, 6, 2, 6 except (jt=lb) 10=155, 8=154.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) 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	
B0625-3026	PD2	Piggyback	2	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, user — Run: 8.63 S Jul 12 2024 Print: 8.630 S Jul 12 2024 MiTek Industries, Inc. Thu Jun 12 10:02:45 — Page: 1

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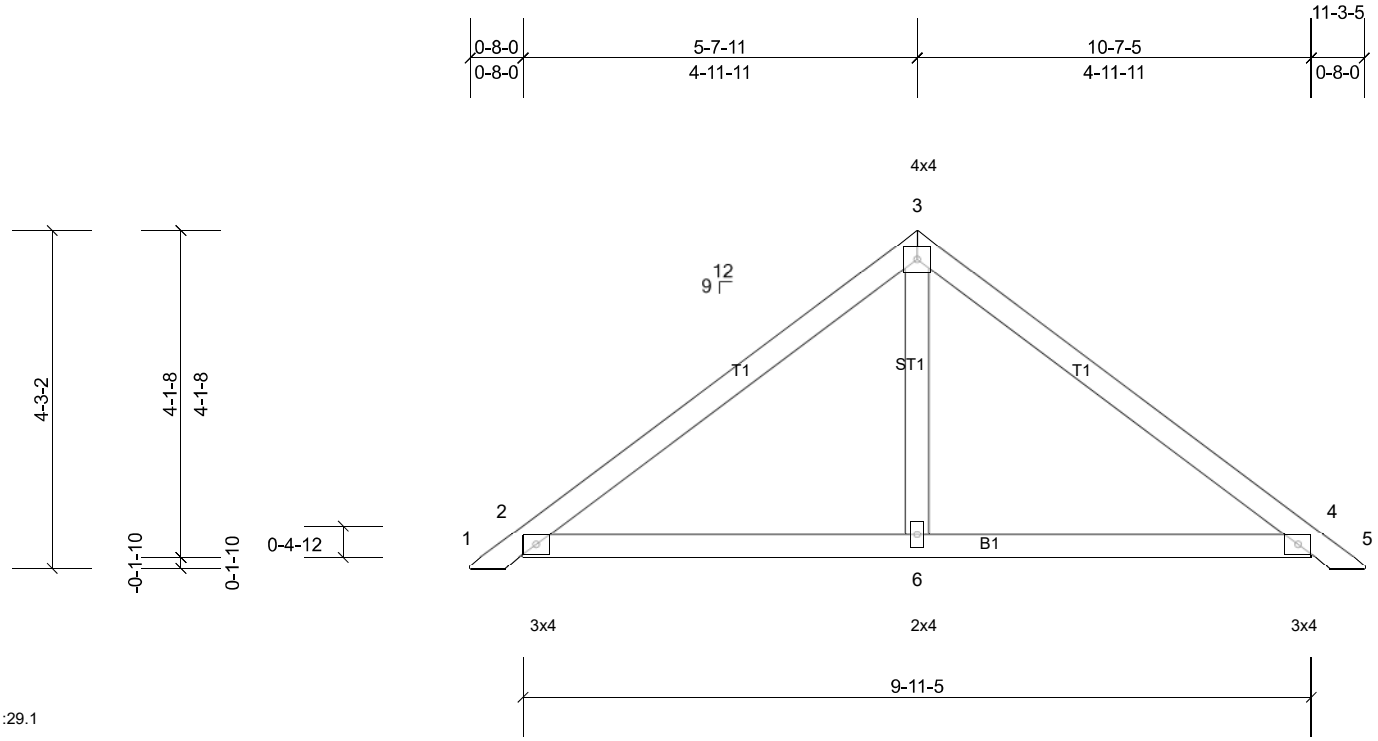


Scale = 1:29.1

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 41 lb	FT = 25%

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.
BOT CHORD	Structural wood sheathing directly applied.

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

REACTIONS All bearings 9-11-5.

(lb) - Max Horiz 2=122 (LC 11), 7=122 (LC 11)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 4, 6, 7, 11
Max Grav All reactions 250 (lb) or less at joint(s) except 2=272 (LC 1), 4=272 (LC 1), 6=306 (LC 1), 7=272 (LC 1), 11=272 (LC 1)

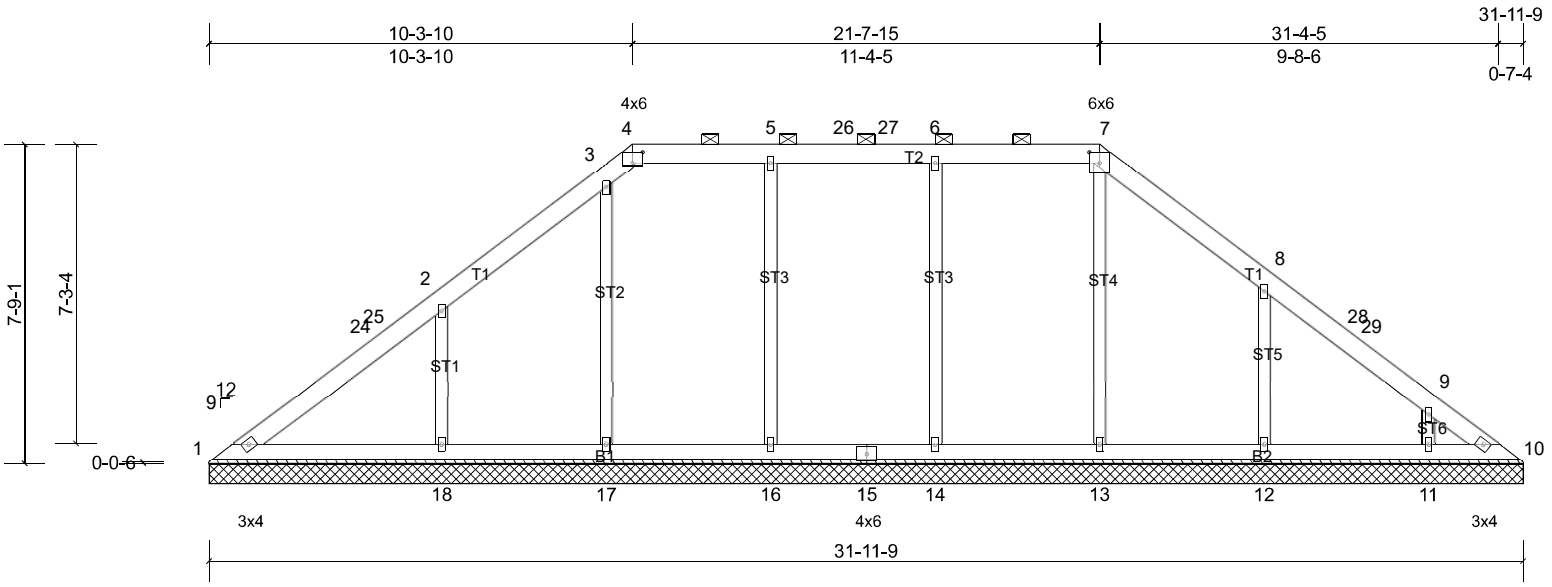
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-3-3 to 4-7-15, Interior (1) 4-7-15 to 5-8-3, Exterior(2R) 5-8-3 to 10-3-11, Interior (1) 10-3-11 to 11-1-3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 4-0-0 oc.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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 100 lb uplift at joint(s) 2, 4, 6, 2, 4.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) 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	
B0625-3026	V1	Roof Special	1	1	Job Reference (optional)



Scale = 1:56

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.23	Horiz(TL)	0.00	23	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 210 lb	FT = 25%

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, except 2-0-0 oc purlins (10-0-0 max.): 4-7.
BOT CHORD Structural wood sheathing directly applied.

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

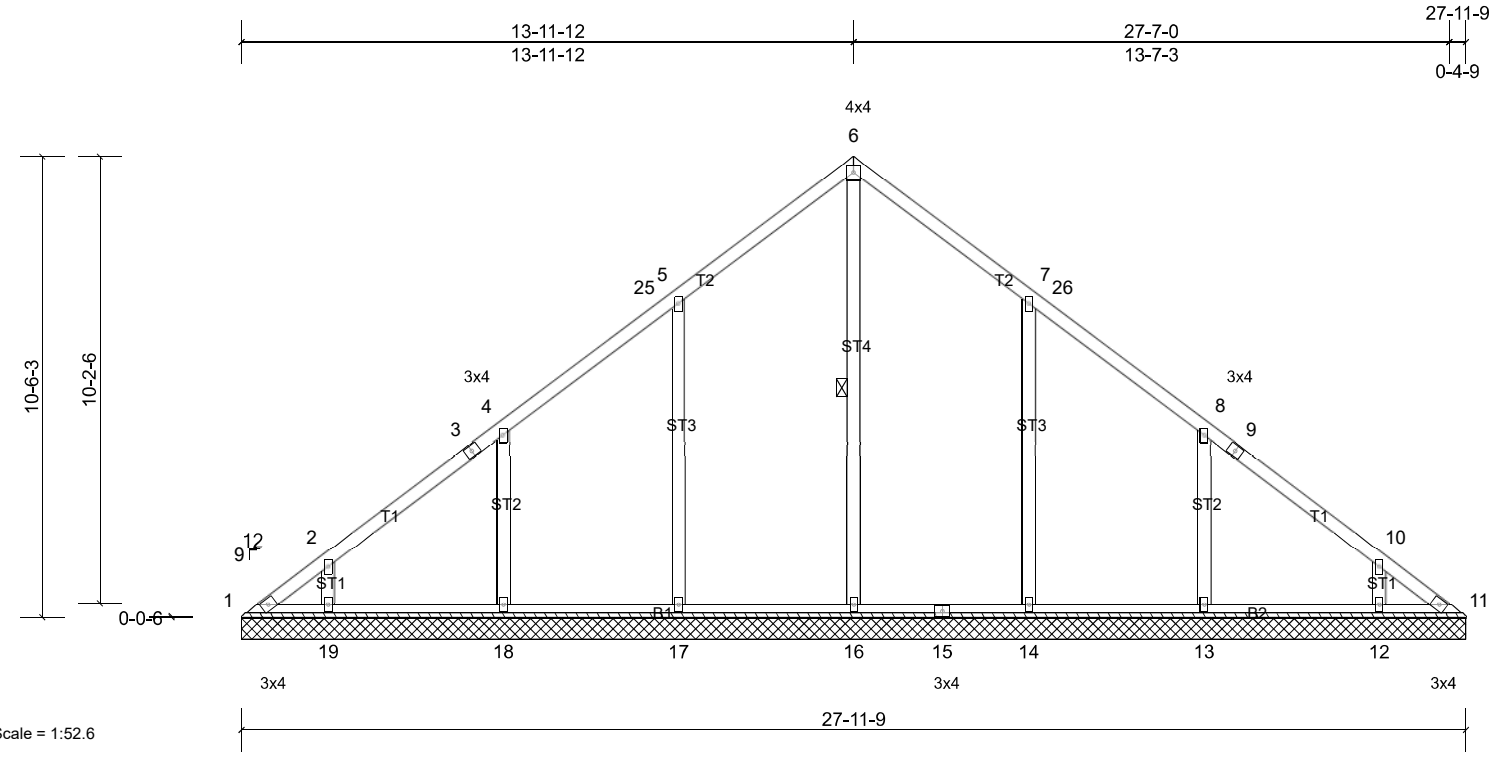
REACTIONS All bearings 31-11-9.
(lb) - Max Horiz 1=-226 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 10, 11, 16, 17, 23 except 12=-250 (LC 13), 14=-105 (LC 9), 18=-284 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 1 except 11=339 (LC 26), 12=375 (LC 20), 13=343 (LC 1), 14=332 (LC 25), 16=338 (LC 1), 17=306 (LC 19), 18=514 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 24-25=-147/251, 2-25=-139/284
WEBS 7-13=-258/20, 6-14=-254/153, 5-16=-252/137, 3-17=-252/108, 2-18=-359/305, 8-12=-300/280

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-8 to 4-5-5, Interior (1) 4-5-5 to 10-4-2, Exterior(2R) 10-4-2 to 16-6-12, Interior (1) 16-6-12 to 21-8-7, Exterior(2R) 21-8-7 to 27-11-2, Interior (1) 27-11-2 to 32-0-1 zone;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) All plates are 2x4 MT20 unless otherwise indicated.
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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 100 lb uplift at joint(s) 1, 16, 17, 11 except (jt=lb) 14=104, 18=284, 12=250.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
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	
B0625-3026	V2	Valley	1	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	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	0.16	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.26	Horiz(TL)	0.00	24	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 142 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 6-16

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

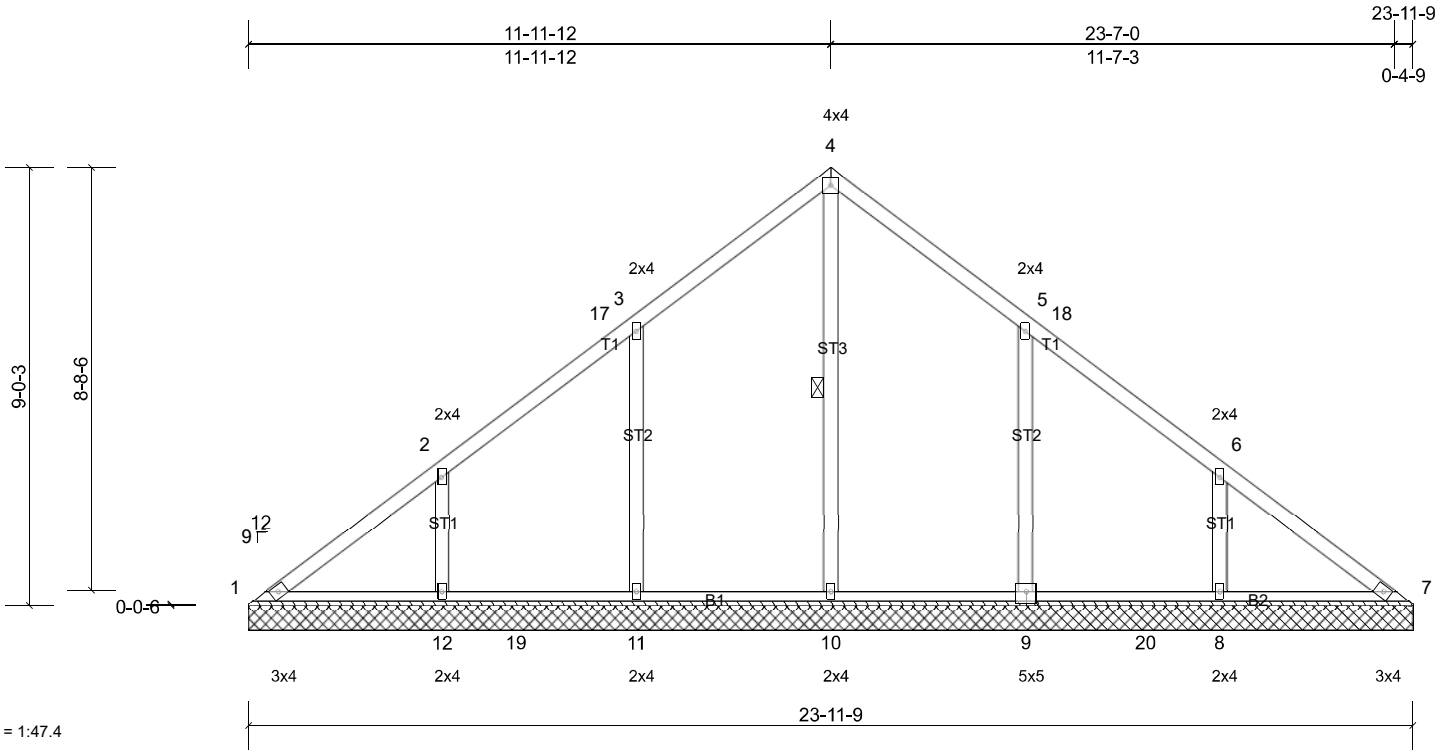
REACTIONS All bearings 27-11-9.
(lb) - Max Horiz 1=-310 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) 11, 12, 24 except 1=-154 (LC 10), 13=-238 (LC 13), 14=-195 (LC 13), 17=-205 (LC 12), 18=-205 (LC 12), 19=-140 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 1 except 12=337 (LC 20), 13=489 (LC 20), 14=560 (LC 20), 16=656 (LC 22), 17=562 (LC 19), 18=491 (LC 19), 19=325 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-326/349, 2-3=-267/283, 3-4=-236/307, 4-25=-224/317, 5-25=-181/330, 5-6=-218/425, 6-7=-218/394
WEBS 6-16=-400/61, 5-17=-295/253, 4-18=-284/251, 7-14=-292/247, 8-13=-283/267

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-8 to 4-5-5, Interior (1) 4-5-5 to 14-0-4, Exterior(2R) 14-0-4 to 18-5-1, Interior (1) 18-5-1 to 28-0-1 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 12 except (jt=lb) 1=153, 17=205, 18=204, 19=139, 14=194, 13=237.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	V3	Valley	1	1	Job Reference (optional)



Scale = 1:47.4

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horiz(TL)	0.01	7	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 115 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.
WEBS 1 Row at midpt 4-10

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

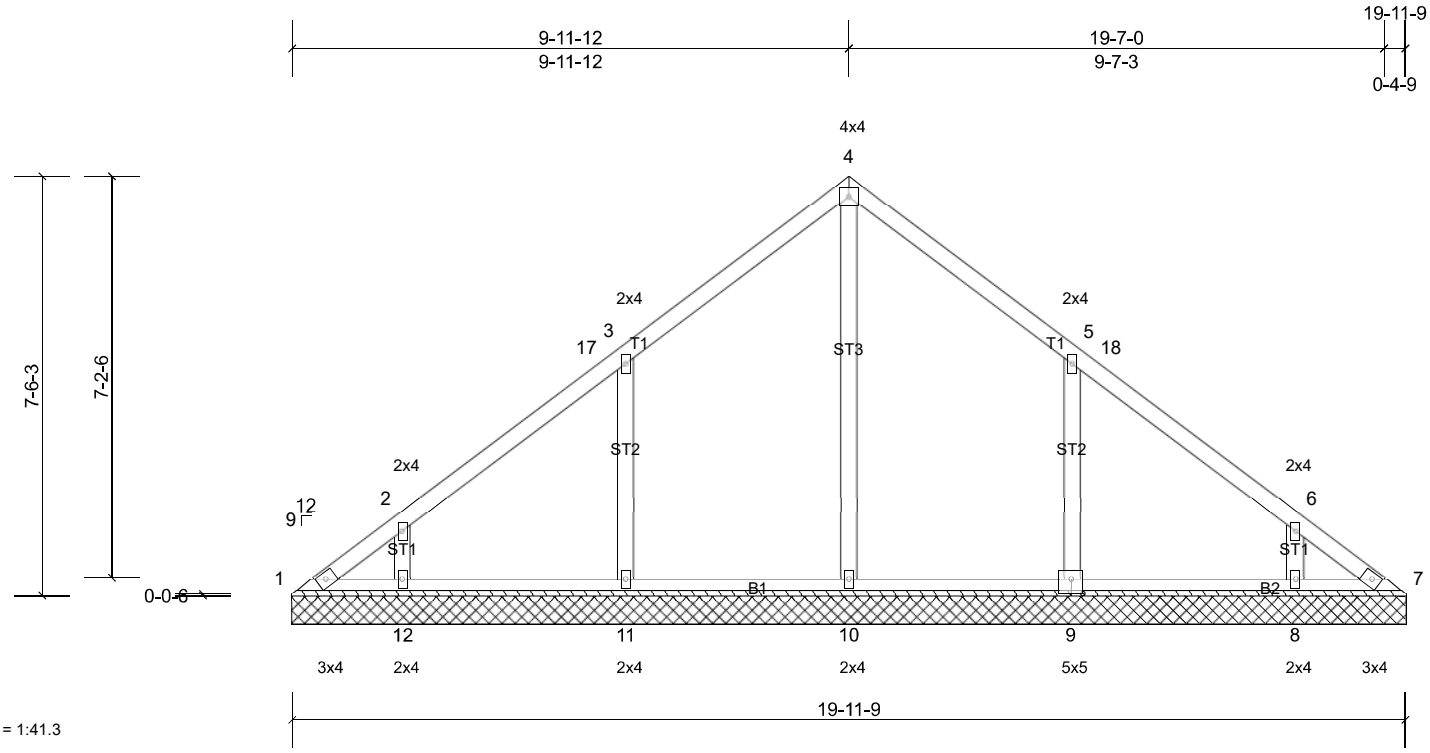
REACTIONS All bearings 23-11-9.
(lb) - Max Horiz 1=-265 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) 1 except 8=-196 (LC 13), 9=-209 (LC 13), 11=-208 (LC 12), 12=-200 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 7 except 8=473 (LC 20), 9=545 (LC 20), 10=533 (LC 22), 11=543 (LC 19), 12=479 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-10=-269/0, 3-11=-293/260, 2-12=-287/231, 5-9=-293/260, 6-8=-285/230

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-8 to 4-5-5, Interior (1) 4-5-5 to 12-0-4, Exterior(2R) 12-0-4 to 16-5-1, Interior (1) 16-5-1 to 24-0-1 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 1 except (jt=lb) 11=208, 12=199, 9=209, 8=195.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	V4	Valley	1	1	Job Reference (optional)



Scale = 1:41.3

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	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	0.17	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horiz(TL)	0.00	7	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 90 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

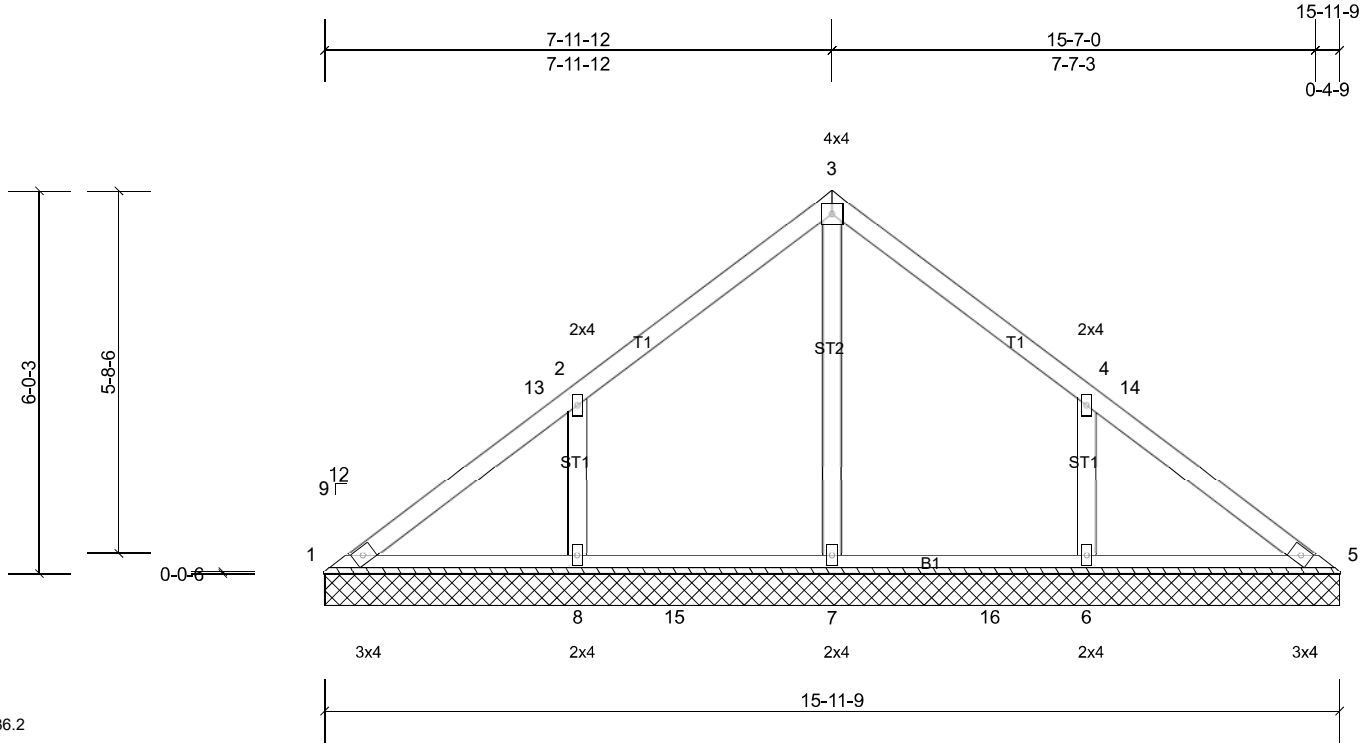
REACTIONS All bearings 19-11-9.
(lb) - Max Horiz 1=220 (LC 9)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 7 except 8=-134 (LC 13), 9=-219 (LC 13), 11=-219 (LC 12), 12=-140 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 7 except 8=333 (LC 20), 9=507 (LC 20), 10=458 (LC 22), 11=509 (LC 19), 12=339 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-11=-305/267, 5-9=-304/265

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-8 to 4-5-5, Interior (1) 4-5-5 to 10-0-4, Exterior(2R) 10-0-4 to 14-5-1, Interior (1) 14-5-1 to 20-0-1 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
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 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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) 1, 7 except (jt=lb) 11=219, 12=139, 9=218, 8=133.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	V5	Valley	1	1	Job Reference (optional)



Scale = 1:36.2

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 67 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

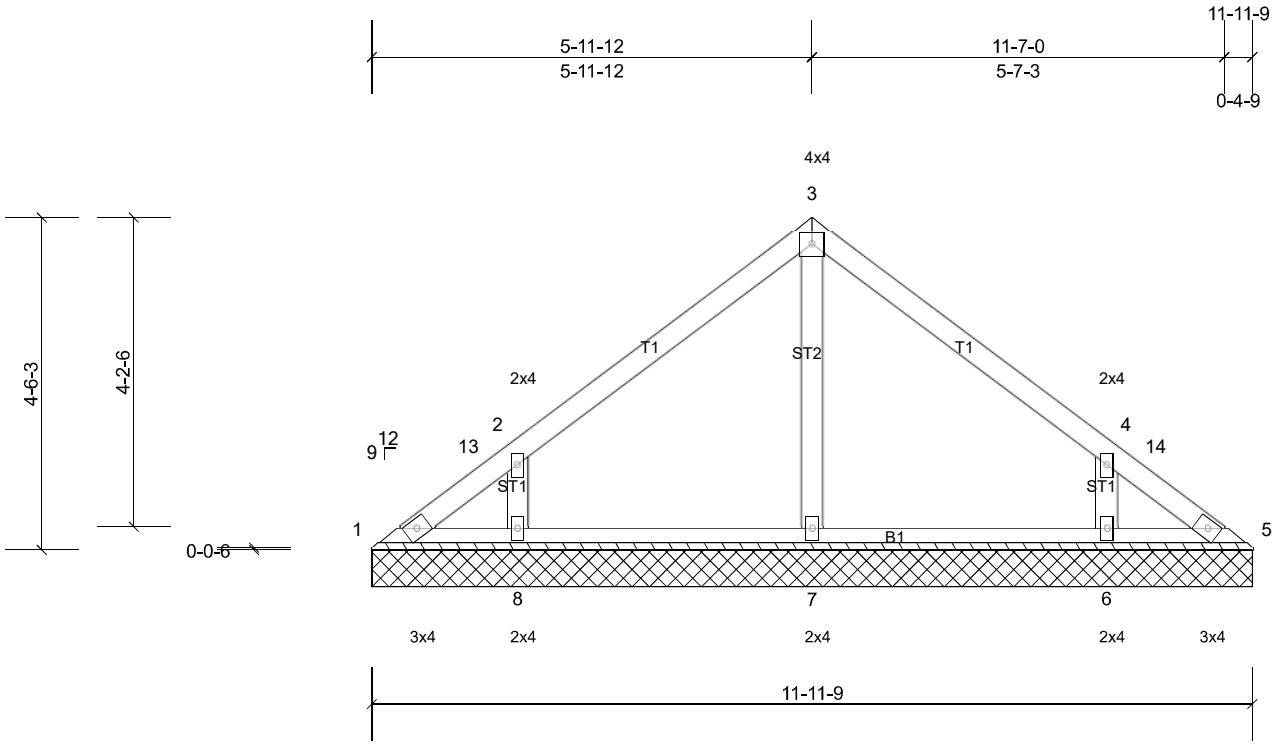
REACTIONS All bearings 15-11-9.
(lb) - Max Horiz 1=-175 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) 1 except 6=-219 (LC 13), 8=-222 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=496 (LC 20), 7=519 (LC 19), 8=499 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-7=-274/21, 2-8=-309/252, 4-6=-308/250

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-8 to 4-5-5, Interior (1) 4-5-5 to 8-0-4, Exterior(2R) 8-0-4 to 12-5-1, Interior (1) 12-5-1 to 16-0-1 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 3-06-00 tall by 2-00-00 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 except (jt=lb) 8=222, 6=219.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	V6	Valley	1	1	Job Reference (optional)



Scale = 1:31.3

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 47 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

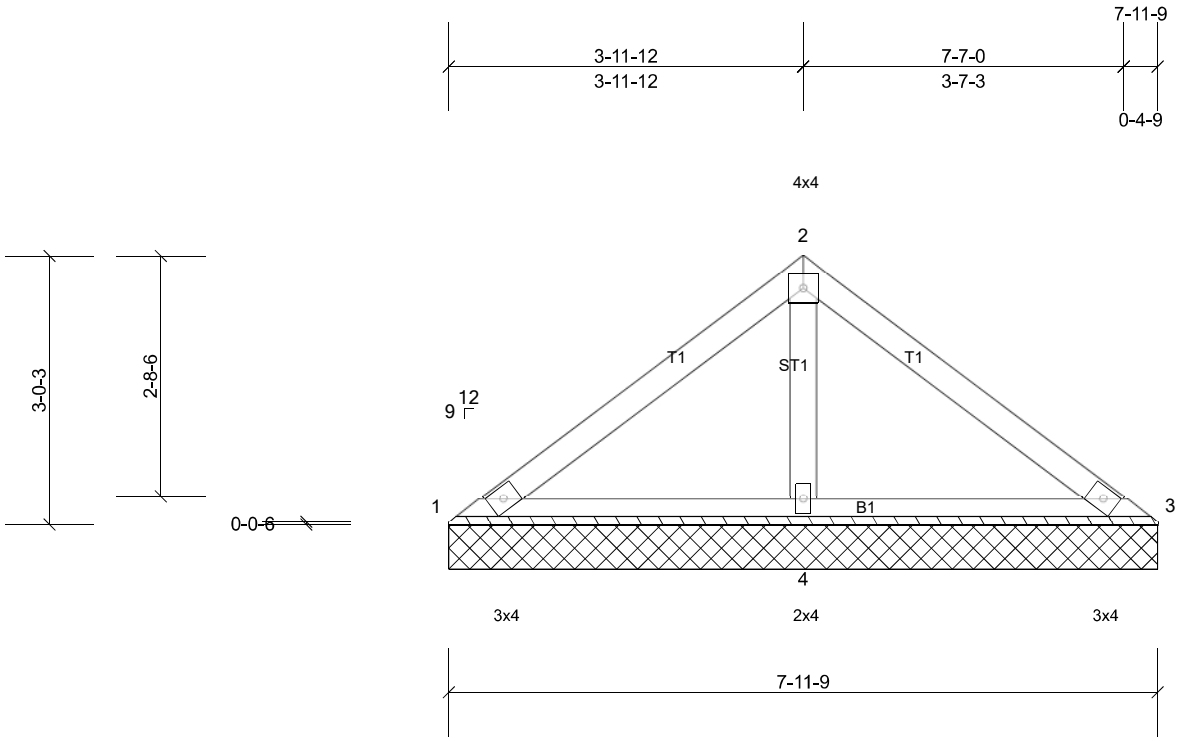
REACTIONS All bearings 11-11-9.
(lb) - Max Horiz 1=-130 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-170 (LC 13), 8=-174 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=325 (LC 20), 7=259 (LC 1), 8=329 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-271/262, 4-6=-269/261

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-8 to 4-5-5, Interior (1) 4-5-5 to 6-0-4, Exterior(2R) 6-0-4 to 10-5-1, Interior (1) 10-5-1 to 12-0-1 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 3-06-00 tall by 2-00-00 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, 5 except (jt=lb) 8=173, 6=170.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	V7	Valley	1	1	Job Reference (optional)



Scale = 1:25.9

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	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(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 29 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

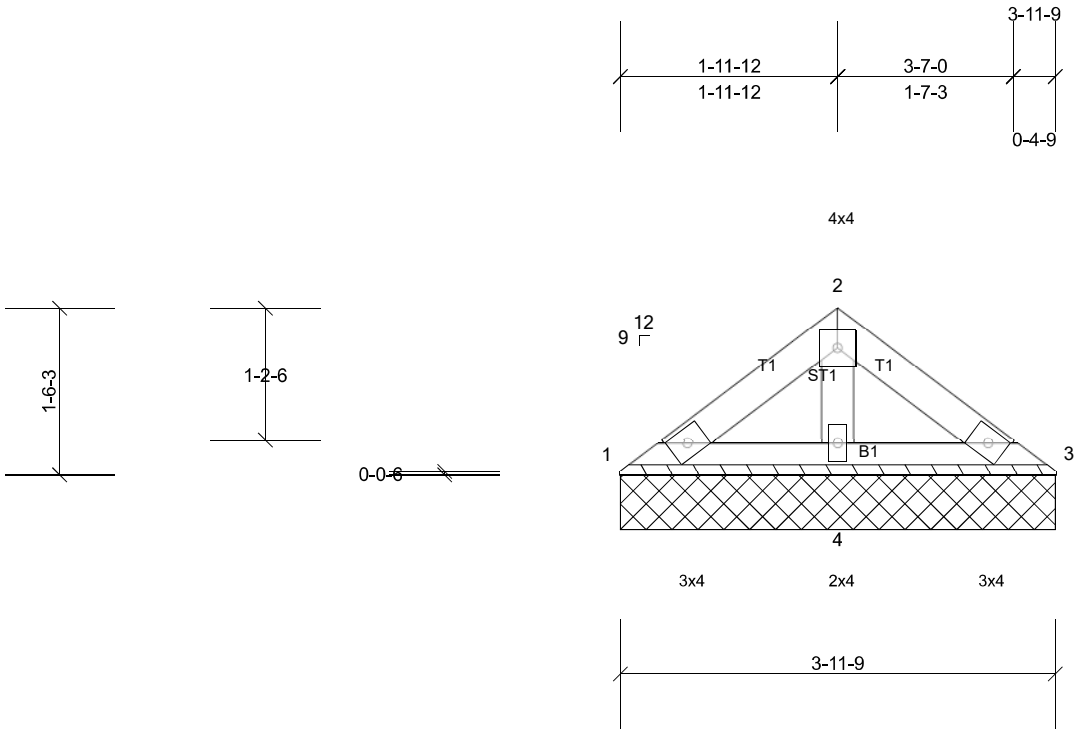
REACTIONS (lb/size) 1=41/7-11-9, (min. 0-1-8), 3=41/7-11-9, (min. 0-1-8), 4=554/7-11-9, (min. 0-1-8)
Max Horiz 1=-85 (LC 8)
Max Uplift 1=-9 (LC 26), 3=-14 (LC 8), 4=-139 (LC 12)
Max Grav 1=71 (LC 25), 3=71 (LC 26), 4=554 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-399/289

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 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 3-06-00 tall by 2-00-00 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 9 lb uplift at joint 1, 14 lb uplift at joint 3 and 139 lb uplift at joint 4.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	V8	Valley	1	1	Job Reference (optional)



Scale = 1:21

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.01	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MP							Weight: 13 lb	FT = 25%

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 3-11-9 oc purlins.
BOT CHORD Structural wood sheathing 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.

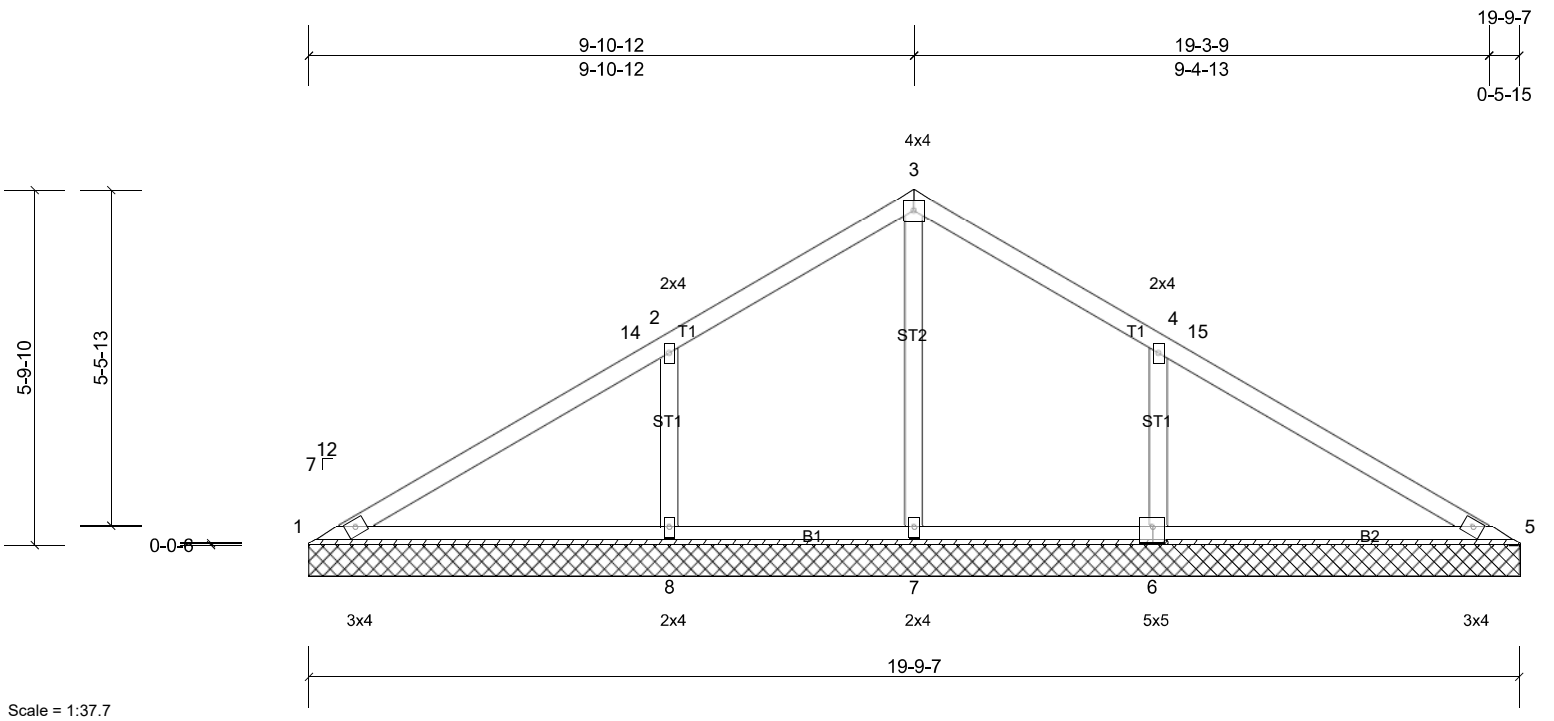
REACTIONS (lb/size) 1=48/3-11-9, (min. 0-1-8), 3=48/3-11-9, (min. 0-1-8), 4=220/3-11-9, (min. 0-1-8)
Max Horiz 1=-40 (LC 8)
Max Uplift 1=-9 (LC 12), 3=-16 (LC 13), 4=-44 (LC 12)
Max Grav 1=56 (LC 25), 3=56 (LC 26), 4=220 (LC 1)

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 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 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 3-06-00 tall by 2-00-00 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 9 lb uplift at joint 1, 16 lb uplift at joint 3 and 44 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	VA1	Valley	1	1	Job Reference (optional)



Scale = 1:37.7

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.18	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.32	Horiz(TL)	-0.01	13	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 78 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

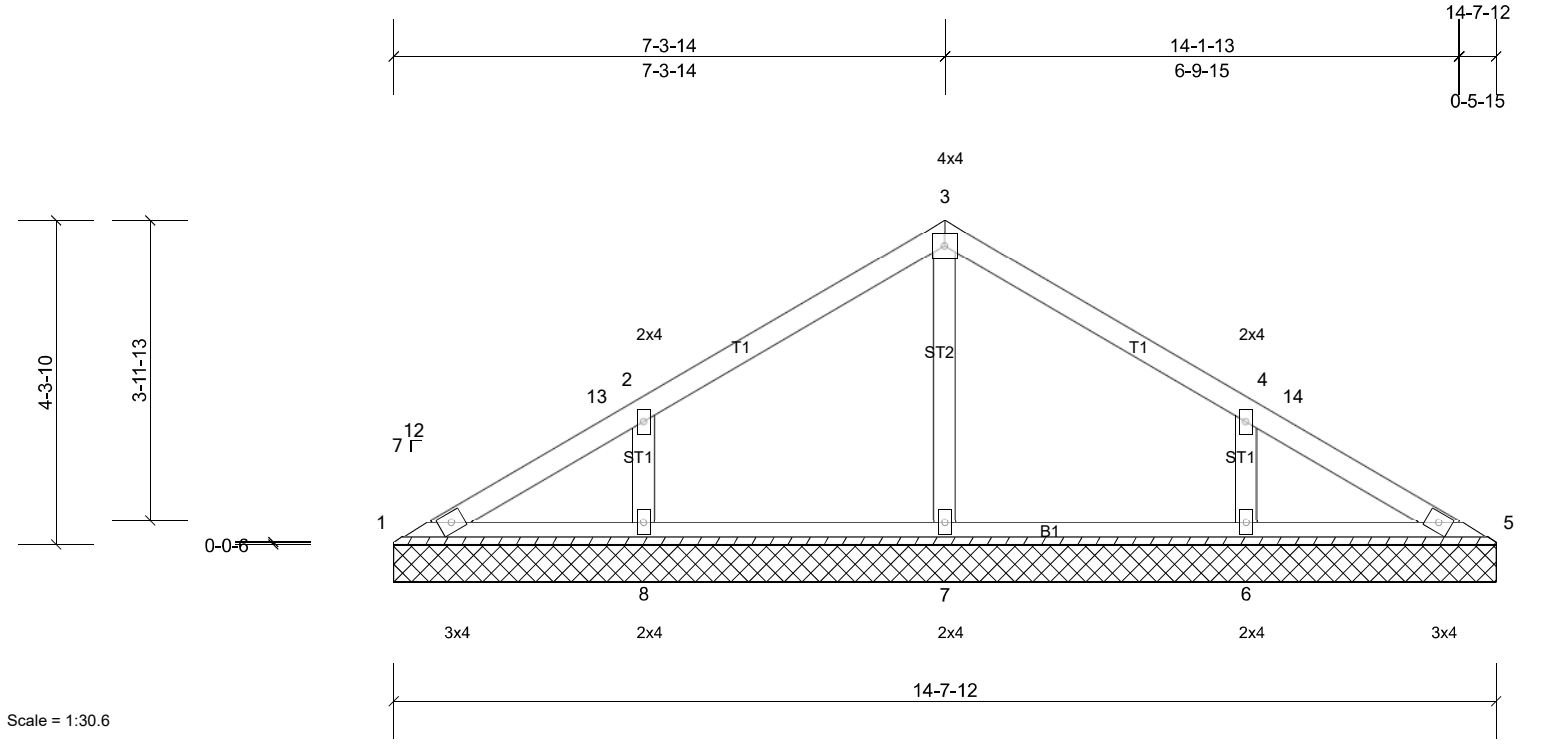
REACTIONS All bearings 19-9-7.
(lb) - Max Horiz 1=-169 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) 5, 13 except 1=-101 (LC 26), 6=-223 (LC 13), 8=-235 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5, 13 except 6=510 (LC 20), 7=650 (LC 1), 8=519 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-14=-116/515, 2-14=-87/527, 2-3=0/482, 3-4=0/481, 4-15=-90/515, 5-15=-119/503
BOT CHORD 1-8=-410/180, 7-8=-410/180, 6-7=-410/180, 5-6=-397/172
WEBS 3-7=-615/40, 2-8=-371/264, 4-6=-366/258

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-10 to 4-5-7, Interior (1) 4-5-7 to 9-11-6, Exterior(2R) 9-11-6 to 14-4-3, Interior (1) 14-4-3 to 19-10-1 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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 101 lb uplift at joint 1, 234 lb uplift at joint 8 and 222 lb uplift at joint 6.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	VA2	Valley	1	1	Job Reference (optional)



Scale = 1:30.6

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 55 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

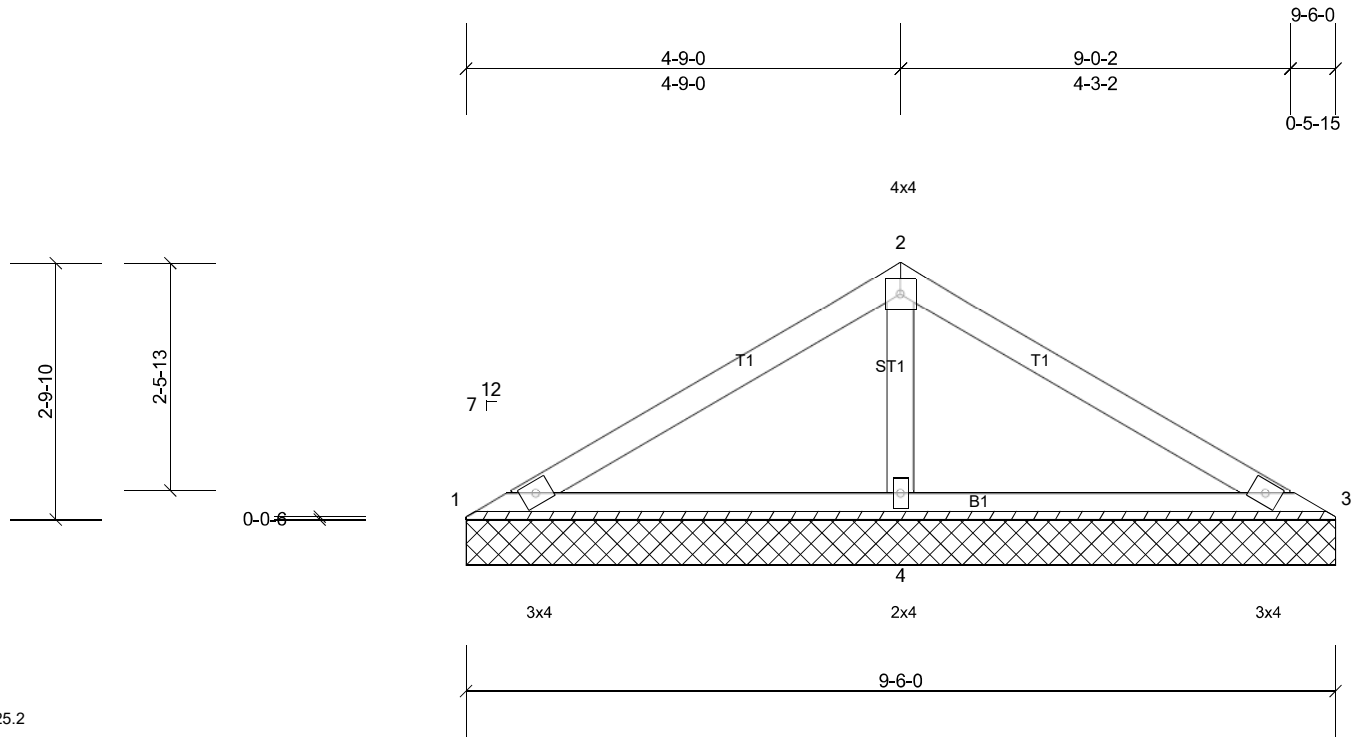
REACTIONS All bearings 14-7-12.
(lb) - Max Horiz 1=124 (LC 11)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-160 (LC 13), 8=-162 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=363 (LC 20), 7=325 (LC 1), 8=365 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-272/196, 4-6=-271/195

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-10 to 4-5-7, Interior (1) 4-5-7 to 7-4-8, Exterior(2R) 7-4-8 to 11-9-5, Interior (1) 11-9-5 to 14-8-6 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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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, 5 except (jt=lb) 8=161, 6=160.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	VA3	Valley	1	1	Job Reference (optional)



Scale = 1:25.2

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 32 lb	FT = 25%

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.
BOT CHORD Structural wood sheathing directly applied.

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

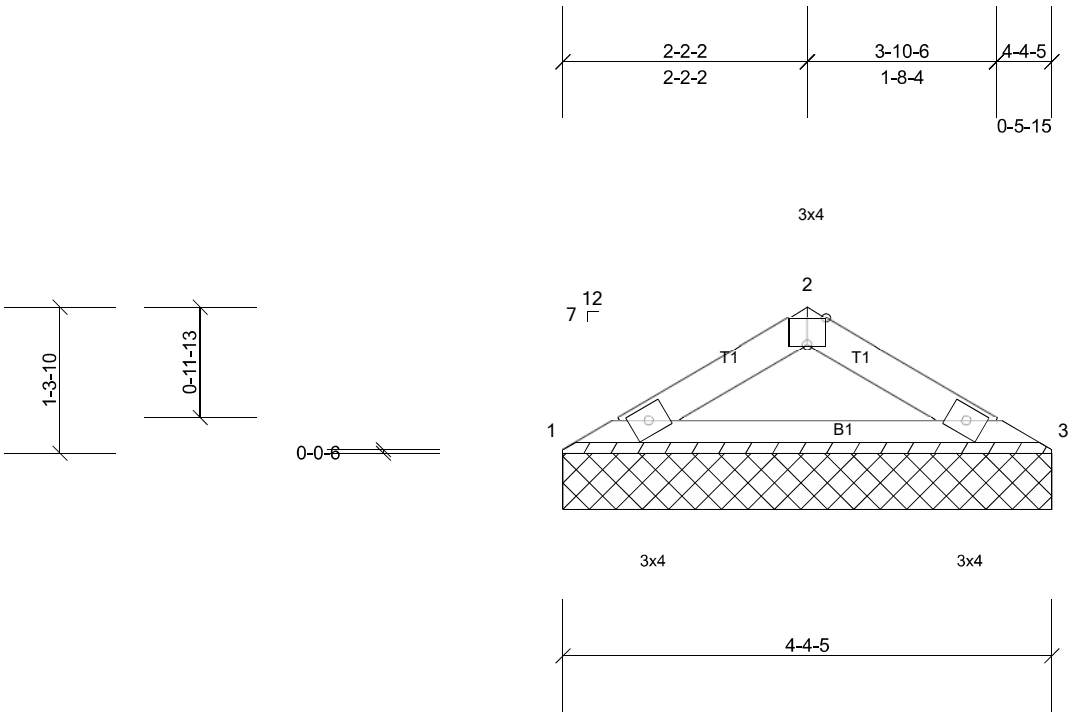
REACTIONS (lb/size) 1=54/9-6-0, (min. 0-1-8), 3=54/9-6-0, (min. 0-1-8), 4=652/9-6-0, (min. 0-1-8)
Max Horiz 1=-79 (LC 8)
Max Uplift 1=-12 (LC 12), 3=-25 (LC 13), 4=-130 (LC 12)
Max Grav 1=88 (LC 25), 3=88 (LC 26), 4=652 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-106/290, 2-3=-106/290
WEBS 2-4=-494/280

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-10 to 4-5-7, Interior (1) 4-5-7 to 4-9-10, Exterior(2R) 4-9-10 to 9-2-7, Interior (1) 9-2-7 to 9-6-11 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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 12 lb uplift at joint 1, 25 lb uplift at joint 3 and 130 lb uplift at joint 4.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	VA4	Valley	1	1	Job Reference (optional)



Scale = 1:20.5

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 12 lb	FT = 25%

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

BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Structural wood sheathing directly applied.

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

REACTIONS (lb/size) 1=174/4-4-5, (min. 0-1-8), 3=174/4-4-5, (min. 0-1-8)
Max Horiz 1=34 (LC 9)
Max Uplift 1=-36 (LC 12), 3=-36 (LC 13)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-279/170

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 36 lb uplift at joint 1 and 36 lb uplift at joint 3.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	WC1	Half Hip Girder	2	1	Job Reference (optional)

Comtech, Inc., Fayetteville, NC 28309, user — Run: 8.63 S Jul 12 2024 Print: 8.630 S Jul 12 2024 MiTek Industries, Inc. Thu Jun 12 10:02:45 — Page: 1

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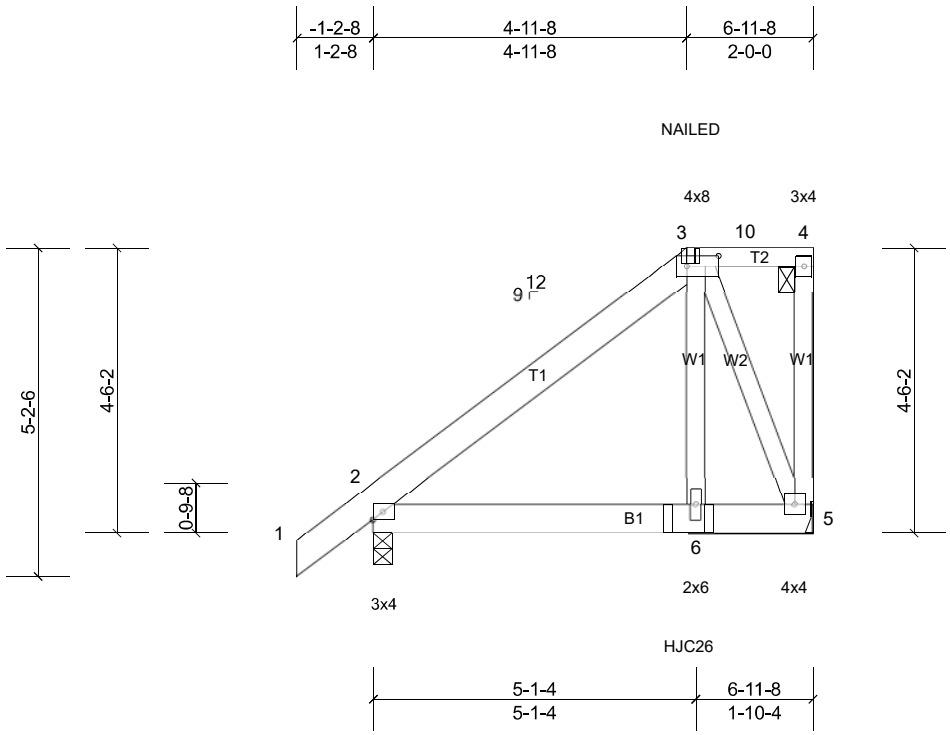


Scale = 1:36.5

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	-0.01	6-9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	-0.01	6-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.18	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MP		Wind(LL)	0.01	6-9	>999	240	Weight: 55 lb	FT = 25%

LUMBER

TOP CHORD 2x6 SP No.1 *Except* T2:2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 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: 3-4.
BOT CHORD Structural wood sheathing 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=435/0-3-8, (min. 0-1-8), 5=509/ Mechanical, (min. 0-1-8)
Max Horiz 2=217 (LC 8)
Max Uplift 2=-126 (LC 8), 5=-316 (LC 8)
Max Grav 2=437 (LC 15), 5=535 (LC 15)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-338/99
WEBS 3-6=-153/403, 3-5=-561/336

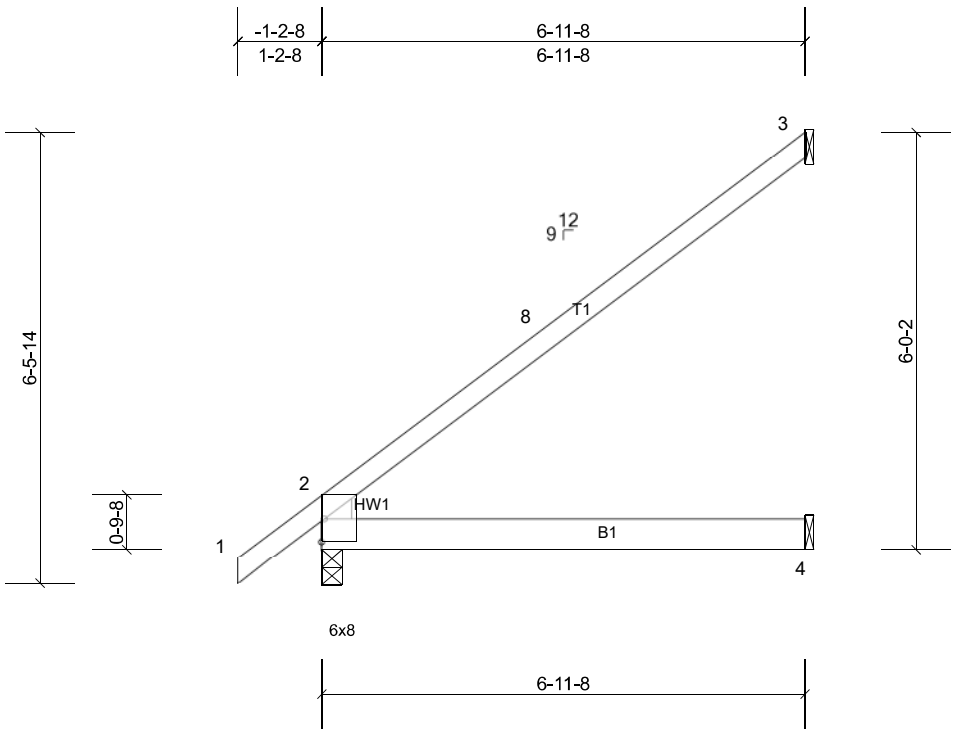
NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; 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 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 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 126 lb uplift at joint 2 and 316 lb uplift at joint 5.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
9) Use MiTek HJC26 (With 16-16d nails into Girder & 10d nails into Truss) or equivalent at 4-11-14 from the left end to connect truss(es) YC1 (1 ply 2x4 SP), ZC1 (1 ply 2x6 SP) to front face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.
11) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
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 + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-3=-60, 3-4=-60, 5-7=-20
   Concentrated Loads (lb)
   Vert: 6=-261 (F), 3=-66 (F)

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	XC1	Jack-Open	13	1	Job Reference (optional)



Scale = 1:33.2

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.49	Vert(LL)	0.07	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.32	Vert(CT)	-0.07	4-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.02	3	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS							Weight: 32 lb	FT = 25%

LUMBER
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.1
WEDGE Left: 2x4 SP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Structural wood sheathing directly applied.

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

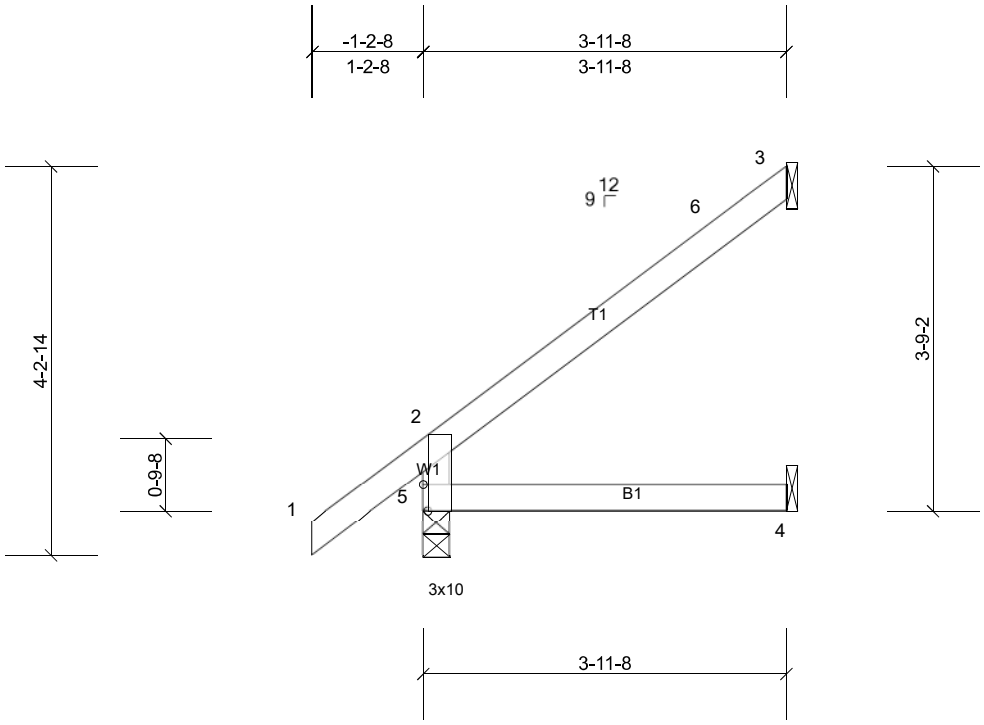
REACTIONS (lb/size) 2=355/0-3-8, (min. 0-1-8), 3=164/ Mechanical, (min. 0-1-8), 4=106/ Mechanical, (min. 0-1-8)
Max Horiz 2=279 (LC 12)
Max Uplift 2=-12 (LC 12), 3=-164 (LC 12), 4=-16 (LC 12)
Max Grav 2=355 (LC 1), 3=191 (LC 19), 4=143 (LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-666/370
BOT CHORD 2-4=-317/164

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 6-10-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 0.0psf on the bottom chord in all areas where a rectangle 0-00 tall by 0-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 164 lb uplift at joint 3, 12 lb uplift at joint 2 and 16 lb uplift at joint 4.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	XE1	Jack-Open	18	1	Job Reference (optional)



Scale = 1:25.1

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	-0.01	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.19	Vert(CT)	-0.02	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.02	3	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MR		Wind(LL)	0.02	4-5	>999	240	Weight: 16 lb	FT = 25%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-8 oc purlins, except end verticals.
BOT CHORD Structural wood sheathing 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.

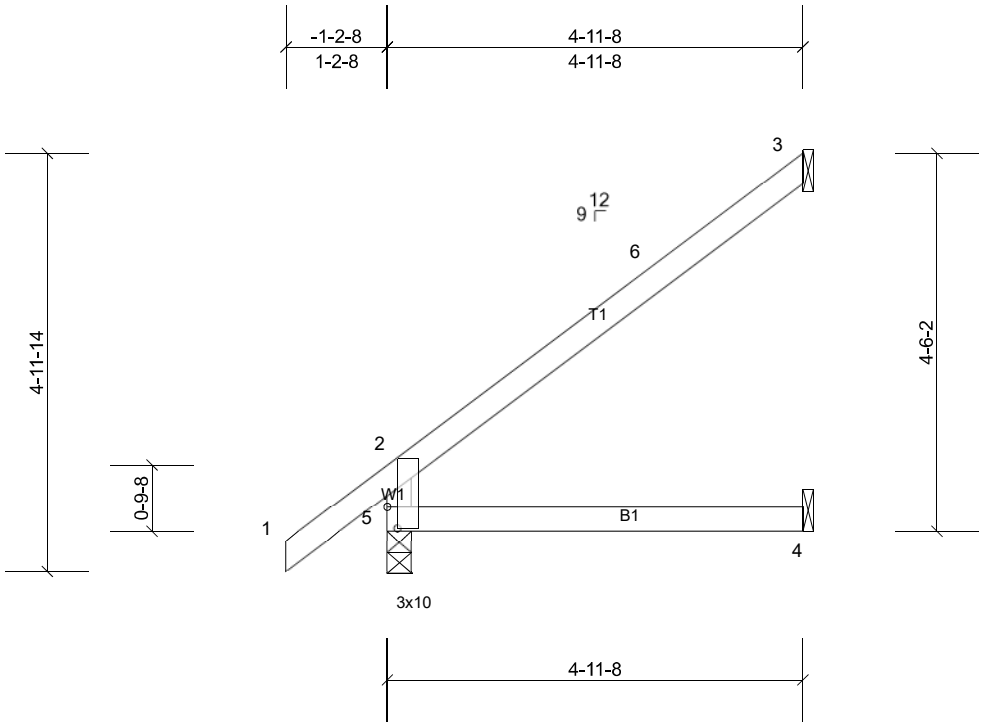
REACTIONS (lb/size) 3=95/ Mechanical, (min. 0-1-8), 4=40/ Mechanical, (min. 0-1-8), 5=246/0-3-8, (min. 0-1-8)
Max Horiz 5=172 (LC 12)
Max Uplift 3=-105 (LC 12), 4=-1 (LC 12), 5=-17 (LC 12)
Max Grav 3=114 (LC 19), 4=70 (LC 3), 5=246 (LC 1)

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

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 3-10-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 17 lb uplift at joint 5, 105 lb uplift at joint 3 and 1 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	YC1	Jack-Open	2	1	Job Reference (optional)



Scale = 1:27.5

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	-0.02	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.27	Vert(CT)	-0.04	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.03	3	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.04	4-5	>999	240	Weight: 20 lb	FT = 25%

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

BRACING
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Structural wood sheathing directly applied.

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

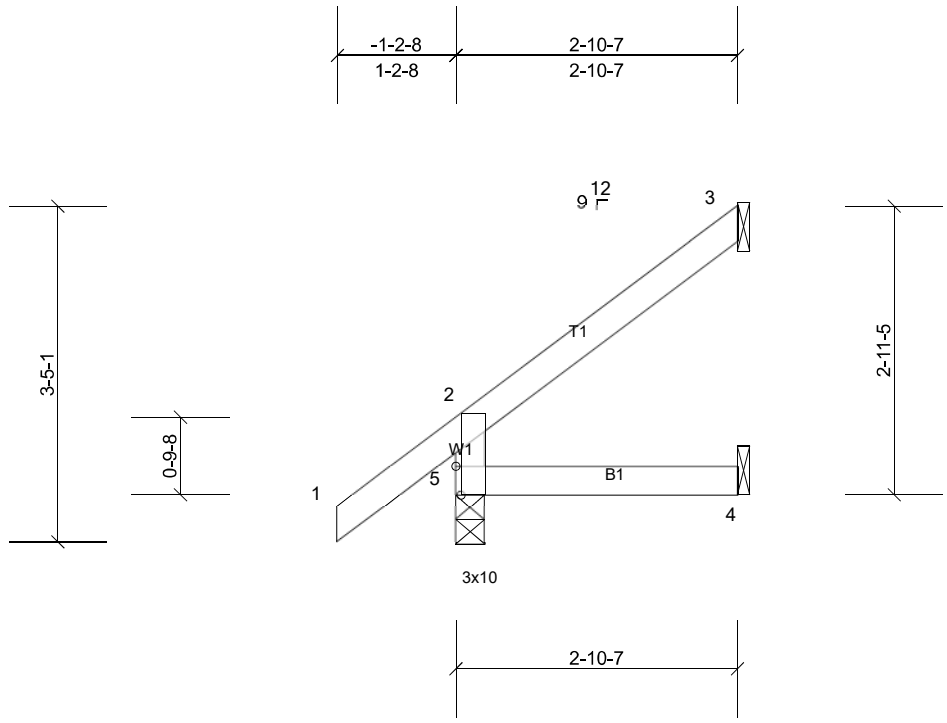
REACTIONS (lb/size) 3=126/ Mechanical, (min. 0-1-8), 4=53/ Mechanical, (min. 0-1-8), 5=283/0-3-8, (min. 0-1-8)
Max Horiz 5=208 (LC 12)
Max Uplift 3=-134 (LC 12), 5=-14 (LC 12)
Max Grav 3=149 (LC 19), 4=89 (LC 3), 5=283 (LC 1)

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

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-2-8 to 3-2-5, Interior (1) 3-2-5 to 4-10-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 14 lb uplift at joint 5 and 134 lb uplift at joint 3.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	YC2	Jack-Open	4	1	Job Reference (optional)



Scale = 1:23.5

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	0.00	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	0.00	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MR		Wind(LL)	0.00	4-5	>999	240	Weight: 13 lb	FT = 25%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-10-7 oc purlins, except end verticals.
BOT CHORD Structural wood sheathing 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.

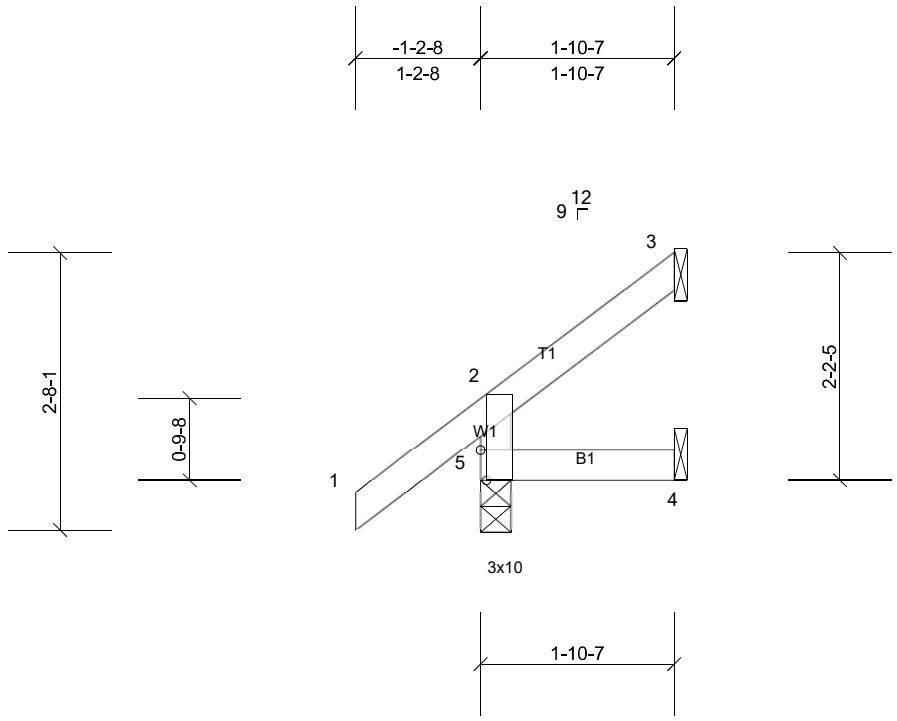
REACTIONS (lb/size) 3=62/ Mechanical, (min. 0-1-8), 4=24/ Mechanical, (min. 0-1-8), 5=208/0-3-8, (min. 0-1-8)
Max Horiz 5=134 (LC 12)
Max Uplift 3=-75 (LC 12), 4=-2 (LC 12), 5=-22 (LC 12)
Max Grav 3=76 (LC 19), 4=49 (LC 3), 5=208 (LC 1)

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

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 5, 75 lb uplift at joint 3 and 2 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	YE1	Jack-Open	8	1	Job Reference (optional)



Scale = 1:22.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	0.00	4-5	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	0.00	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MR		Wind(LL)	0.00	4-5	>999	240	Weight: 9 lb	FT = 25%

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-10-7 oc purlins, except end verticals.
BOT CHORD Structural wood sheathing 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=28/ Mechanical, (min. 0-1-8), 4=9/ Mechanical, (min. 0-1-8), 5=182/0-3-8, (min. 0-1-8)
Max Horiz 5=101 (LC 12)
Max Uplift 3=-45 (LC 12), 4=-3 (LC 12), 5=-28 (LC 12)
Max Grav 3=38 (LC 19), 4=29 (LC 3), 5=182 (LC 1)

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

NOTES
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 5, 45 lb uplift at joint 3 and 3 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	ZC1	Diagonal Hip Girder	2	1	Job Reference (optional)

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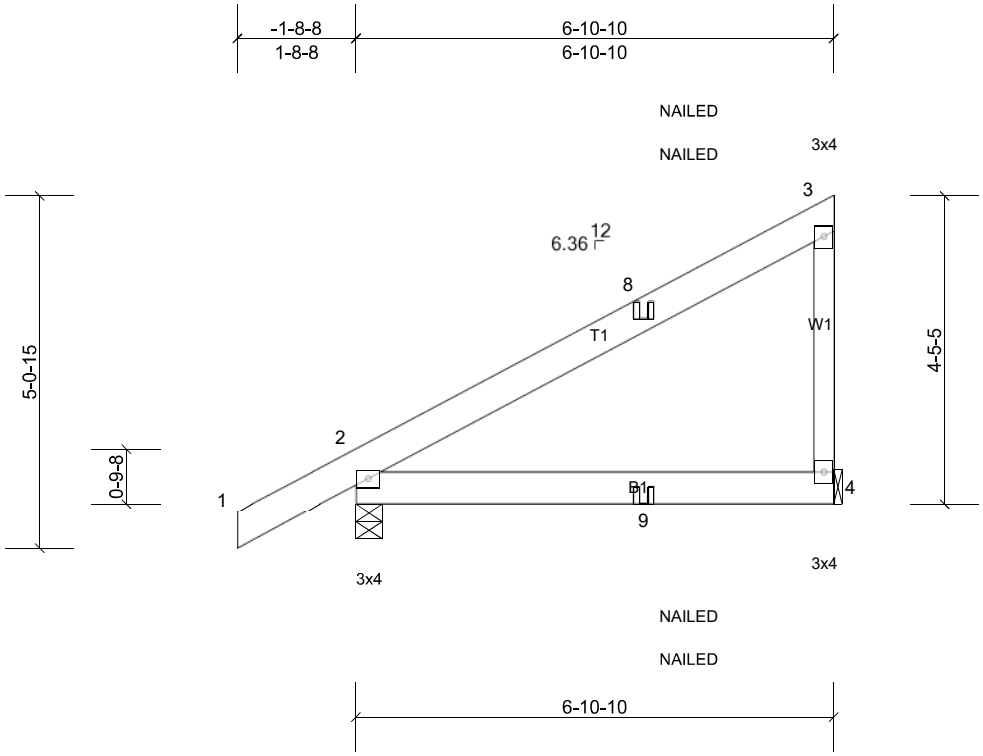

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.25	Vert(LL)	-0.02	4-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.05	4-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MP		Wind(LL)	0.04	4-7	>999	240	Weight: 45 lb	FT = 25%

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 6-0-0 oc purlins, except end verticals.
BOT CHORD	Structural wood sheathing 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=385/0-4-9, (min. 0-1-8), 4=256/ Mechanical, (min. 0-1-8)
Max Horiz 2=204 (LC 8)
Max Uplift 2=-109 (LC 8), 4=-169 (LC 8)
Max Grav 2=385 (LC 1), 4=281 (LC 15)

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

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 169 lb uplift at joint 4 and 109 lb uplift at joint 2.
6) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-3=-60, 4-5=-20
   Concentrated Loads (lb)
   Vert: 9=0 (F=0, B=0)

Job	Truss	Truss Type	Qty	Ply	
B0625-3026	ZE1	Diagonal Hip Girder	4	1	Job Reference (optional)

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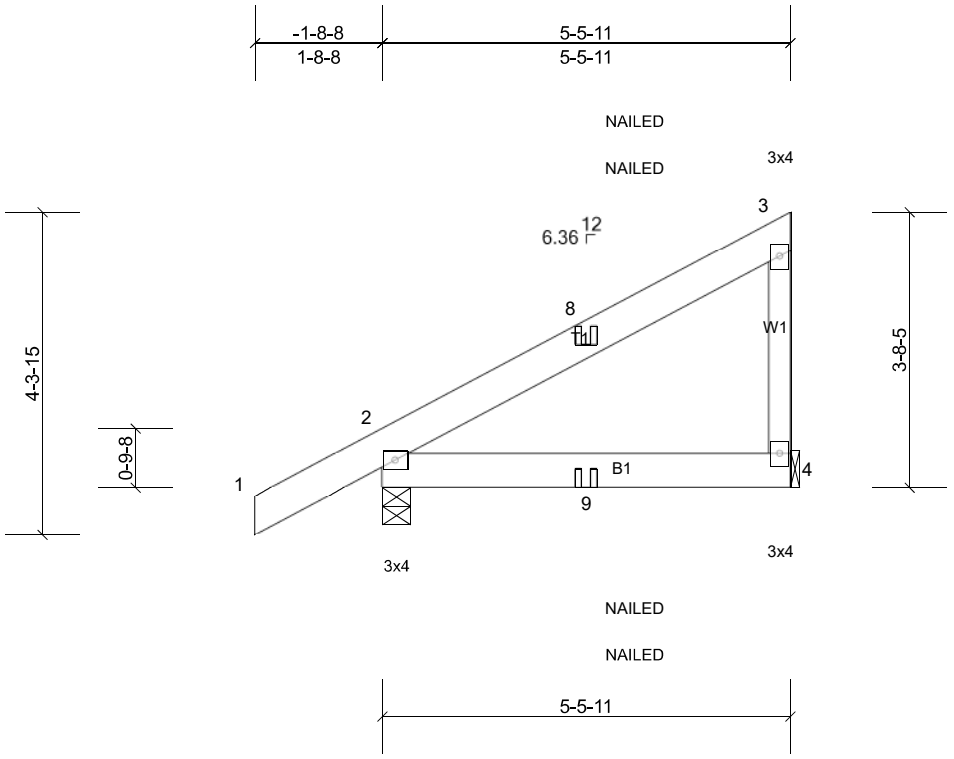

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.14	Vert(LL)	-0.01	4-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	-0.02	4-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MP		Wind(LL)	0.01	4-7	>999	240	Weight: 36 lb	FT = 25%

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 5-5-11 oc purlins, except end verticals.
BOT CHORD	Structural wood sheathing 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=327/0-4-9, (min. 0-1-8), 4=192/ Mechanical, (min. 0-1-8)
Max Horiz 2=169 (LC 8)
Max Uplift 2=-86 (LC 8), 4=-106 (LC 8)
Max Grav 2=327 (LC 1), 4=207 (LC 15)

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

NOTES

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 106 lb uplift at joint 4 and 86 lb uplift at joint 2.
6) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-3=-60, 4-5=-20
   Concentrated Loads (lb)
   Vert: 9=10 (F=5, B=5)