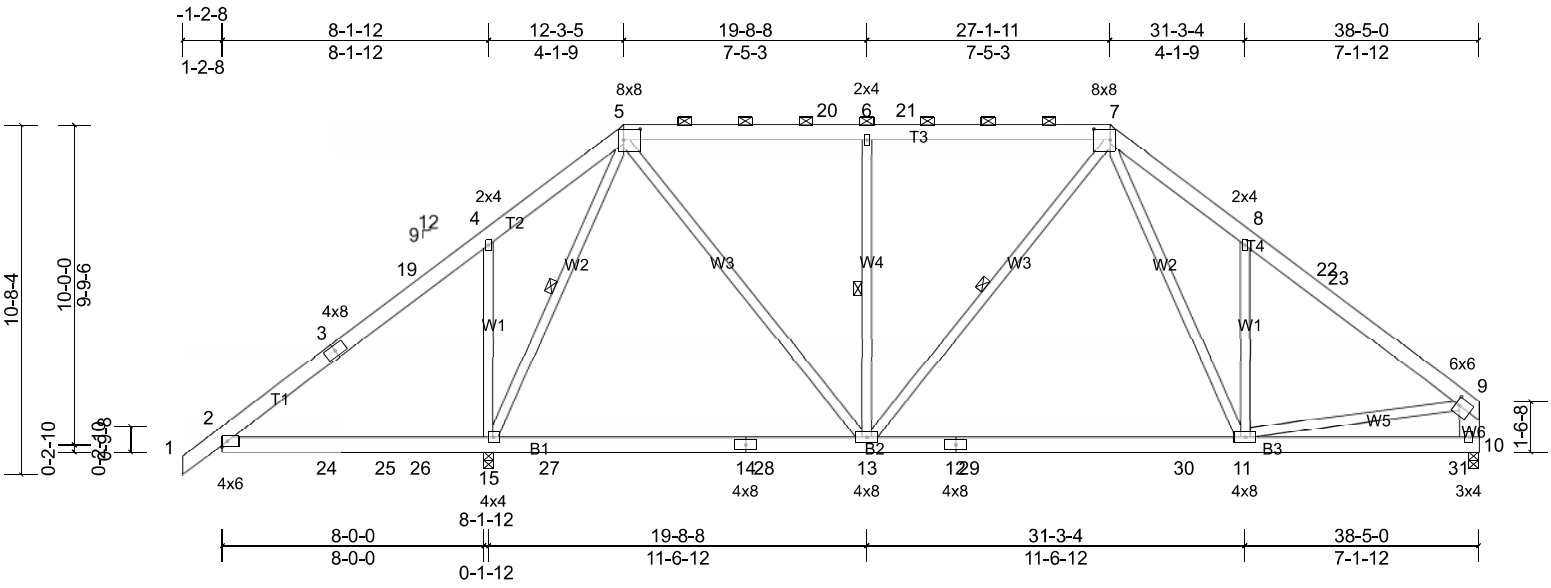
Job	Truss	Truss Type	Qty	Ply	
B0625-3026	A1	Piggyback Base	4	1	Job Reference (optional)



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

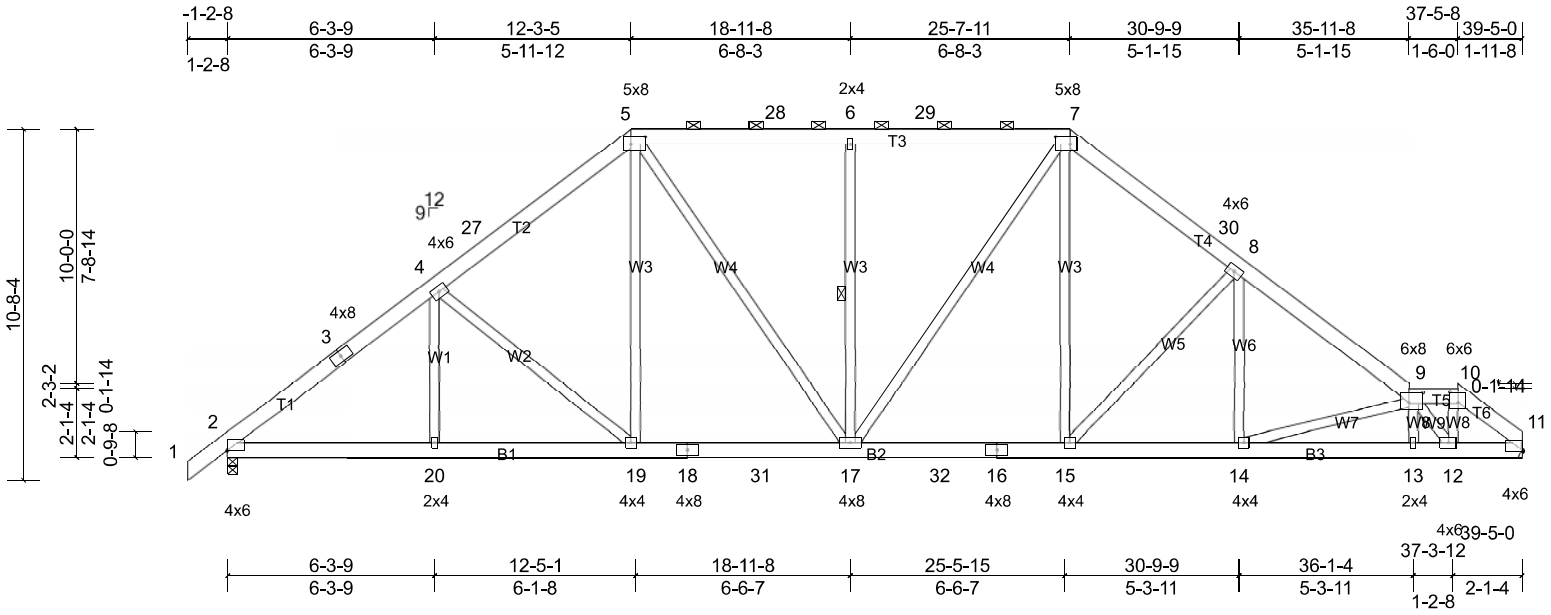
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

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