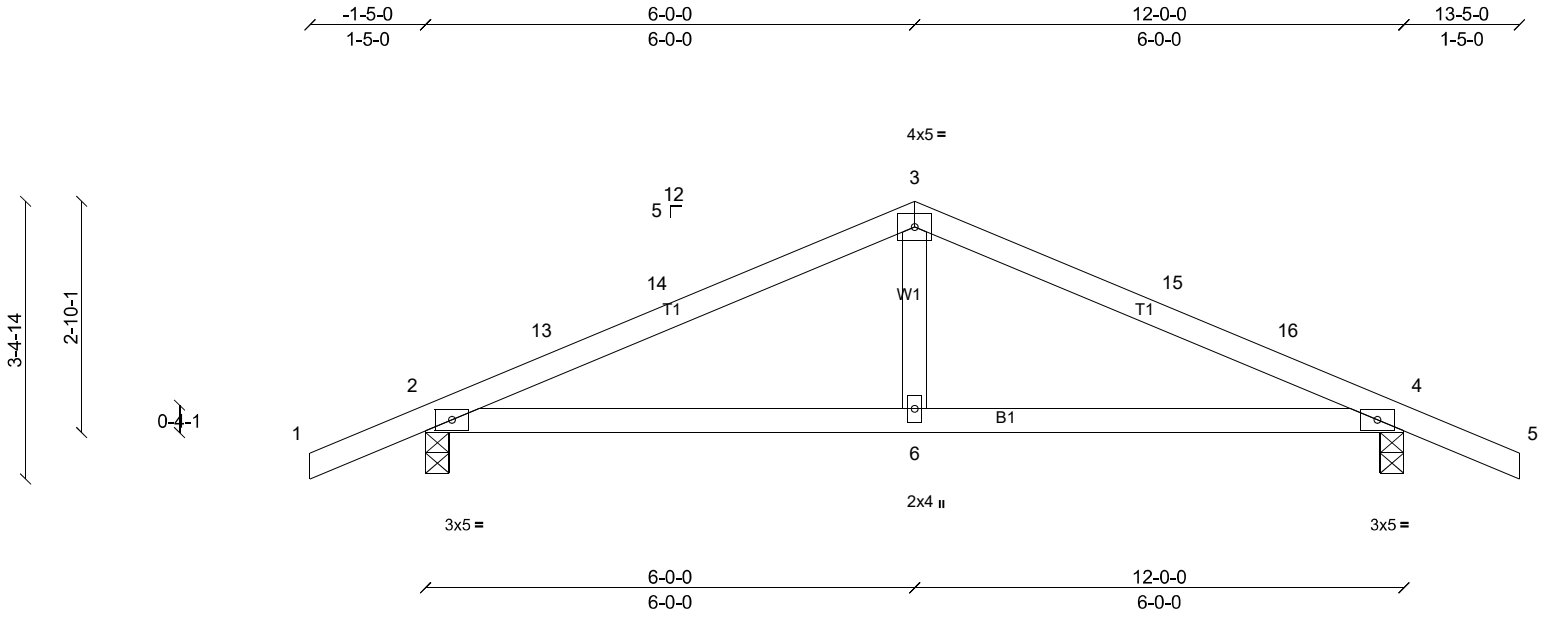
Job	Truss	Truss Type	Qty	Ply	Garage-Wall
20030442-A	T01	Common	9	1	Job Reference (optional)



Scale = 1:28.3

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	-0.02	6-9	>999	360	MT20	244/190
(Roof Snow = 30.0)		Lumber DOL	1.15	BC	0.31	Vert(TL)	-0.06	6-9	>999	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horiz(TL)	0.01	4	n/a	n/a		
BCLL	0.0	Code	IRC2012/TPI2007	Matrix-MS								
BCDL	10.0										Weight: 45 lb	FT = 20%

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

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

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

REACTIONS (lb/size) 2=726/0-3-8, (min. 0-1-8), 4=726/0-3-8, (min. 0-1-8)
Max Uplift 2=-257 (LC 3), 4=-257 (LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-848/227, 13-14=-739/227, 3-14=-725/227, 3-15=-725/227, 15-16=-739/227, 4-16=-813/227
BOT CHORD 2-6=-239/1001, 4-6=-137/669

NOTES
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) V(IRC2012)=87mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) -1-5-0 to 1-7-0, Interior (1) 1-7-0 to 3-0-0, Exterior (2) 3-0-0 to 9-0-0, Interior (1) 9-0-0 to 10-5-0, Exterior (2) 10-5-0 to 13-5-0; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=30.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.10
3) This truss has been checked for uniform snow load only, except as noted.
4) This truss has been designed for greater of min roof live load of 16.0 psf or 2.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 257 lb uplift at joint 2 and 257 lb uplift at joint 4.
6) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Garage-Wall
20030442-A	T01G	Common Supported Gable	2	1	Job Reference (optional)

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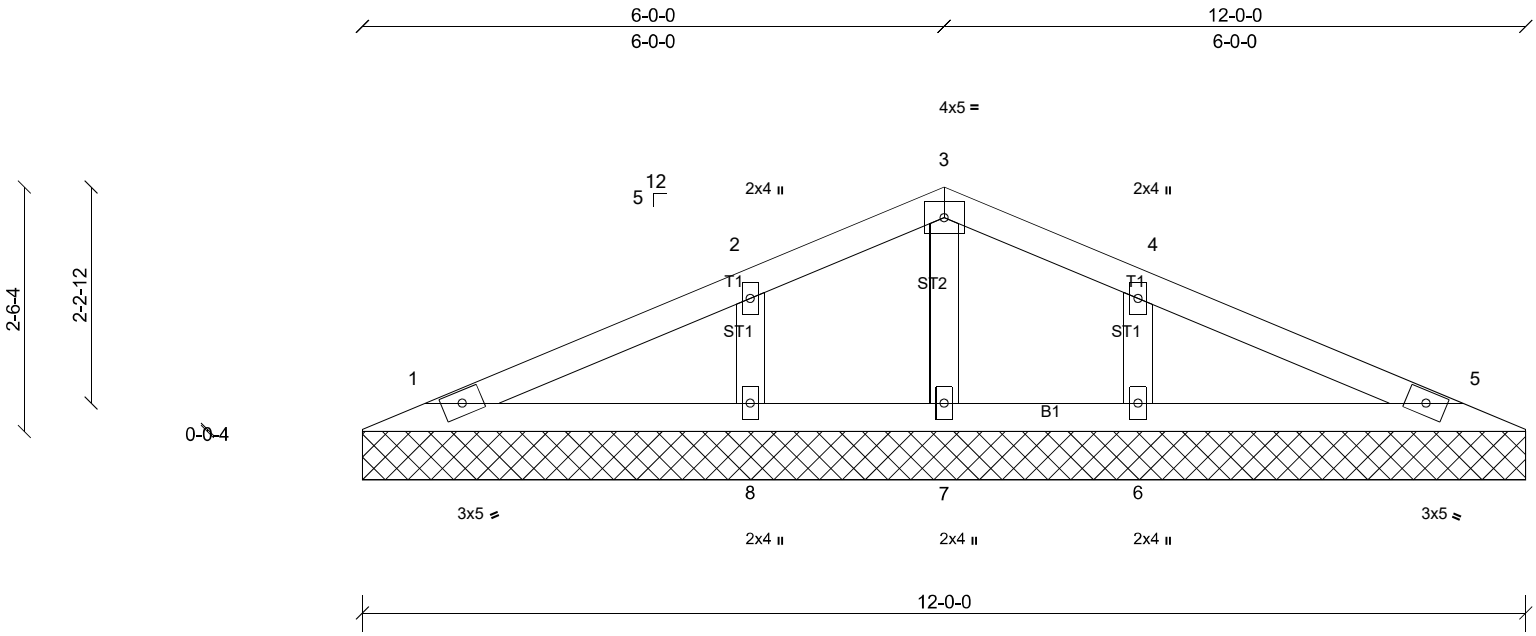

Scale = 1:23.8

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
(Roof Snow = 30.0)		Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.04	Horiz(TL)	0.00	5	n/a	n/a		
BCLL	0.0	Code	IRC2012/TPI2007	Matrix-S								
BCDL	10.0										Weight: 41 lb	FT = 20%

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

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

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

REACTIONS All bearings 12-0-0.
(lb) - Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-216 (LC 3), 8=-216 (LC 3)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5, 7 except 6=357 (LC 1), 8=357 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-274/204, 4-6=-274/204

NOTES
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) V(IRC2012)=87mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Corner (3); Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) TCLL: ASCE 7-10; Pf=30.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.10
4) This truss has been checked for uniform snow load only, except as noted.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) 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=215, 6=215.
8) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard