Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	A01	Common Supported Gable	1	1	Job Reference (optional)

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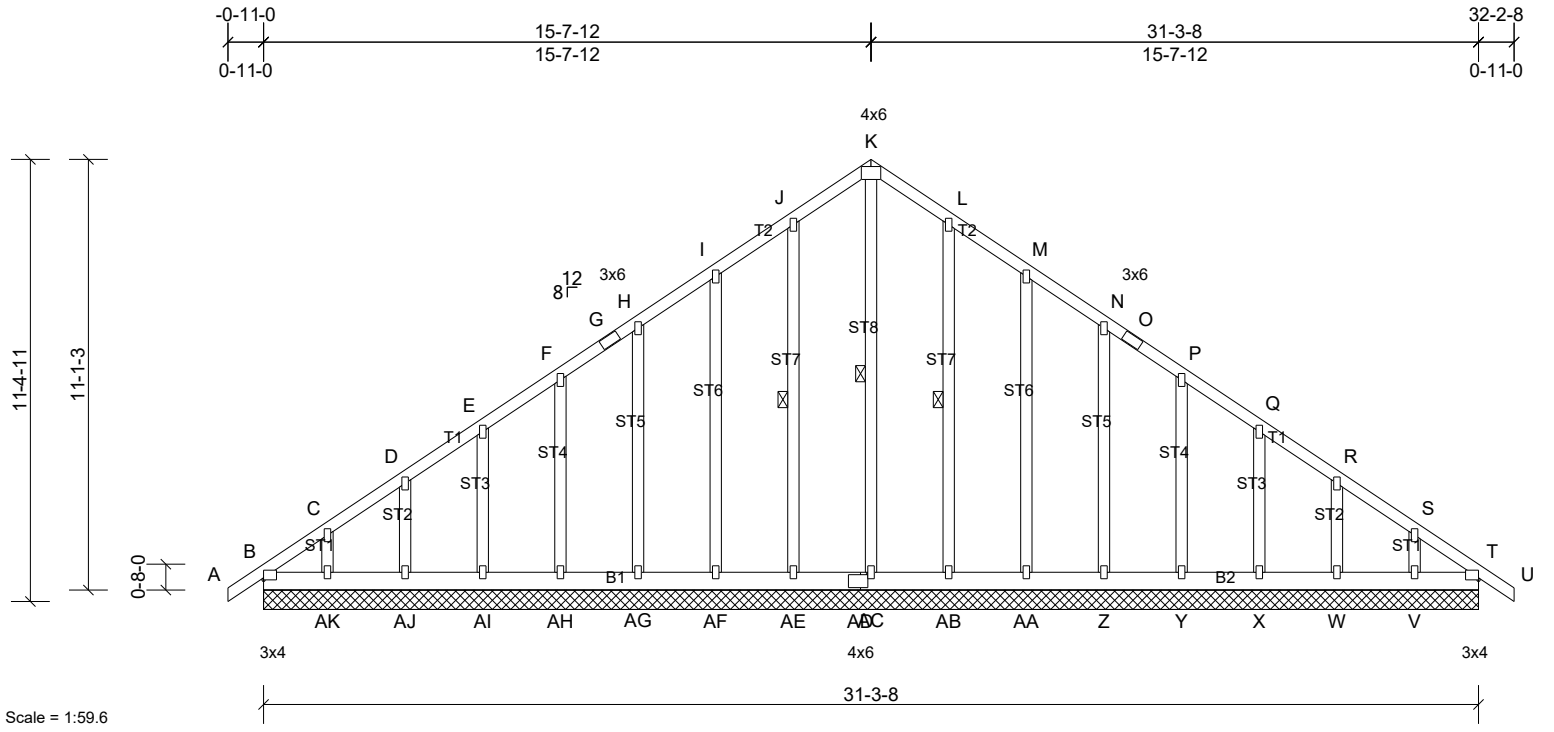


Plate Offsets (X, Y): [AD:0-2-4,0-2-0]

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	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.01	T	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 253 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
OTHERS	2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 10-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt K-AC, J-AE, L-AB

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

REACTIONS All bearings 31-3-8.

(lb) - Max Horiz B=368 (LC 11), AL=368 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) X, Z, AB, AC, AE, AJ except B=-175 (LC 8), W=-226 (LC 13), Y=-112 (LC 13), AA=-113 (LC 13), AF=-109 (LC 12), AG=-102 (LC 12), AH=-102 (LC 12), AI=-106 (LC 12), AK=-162 (LC 12), AL=-175 (LC 8)

Max Grav All reactions 250 (lb) or less at joint(s) B, W, X, Y, Z, AA, AB, AE, AF, AG, AH, AI, AJ, AK, AL except V=316 (LC 1), AC=367 (LC 13)

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

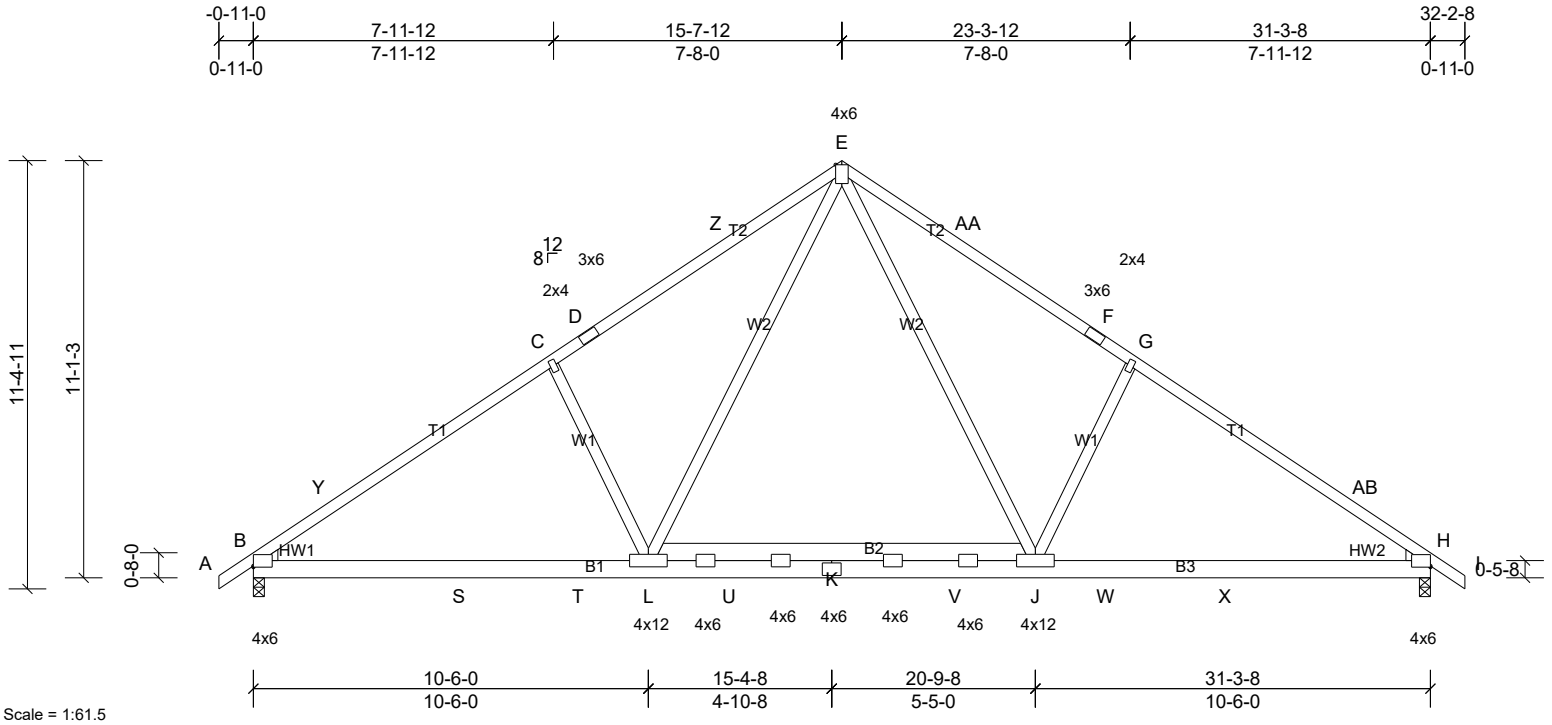
TOP CHORD	B-C=-346/334, C-D=-300/303, D-E=-253/273, E-F=-207/252, G-H=-164/255, H-I=-202/302, I-J=-272/353, J-K=-330/389, K-L=-330/380, L-M=-272/311
BOT CHORD	B-AK=-272/277
WEBS	K-AC=-342/223

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Corner (3) -0-11-0 to 2-1-0, Exterior (2) 2-1-0 to 15-7-12, Corner (3) 15-7-12 to 18-7-12, Exterior (2) 18-7-12 to 32-2-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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) AC, AE, AJ, AB, Z, X except (jt=lb) B=174, AF=109, AG=102, AH=102, AI=106, AK=162, AA=112, Y=111, W=225, B=174.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	A02	Common	1	1	Job Reference (optional)



Scale = 1:61.5

Plate Offsets (X, Y): [B:Edge,0-0-6], [H:Edge,0-0-6]

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	0.93	Vert(LL)	-0.10	J-L	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.17	J-L	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.03	H	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.08	L-O	>999	240	Weight: 209 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied.
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) B=1307/0-3-8, (min. 0-1-11), H=1307/0-3-8, (min. 0-1-11)
Max Horiz B=-368 (LC 10)
Max Uplift B=-341 (LC 12), H=-341 (LC 13)
Max Grav B=1411 (LC 19), H=1411 (LC 20)

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

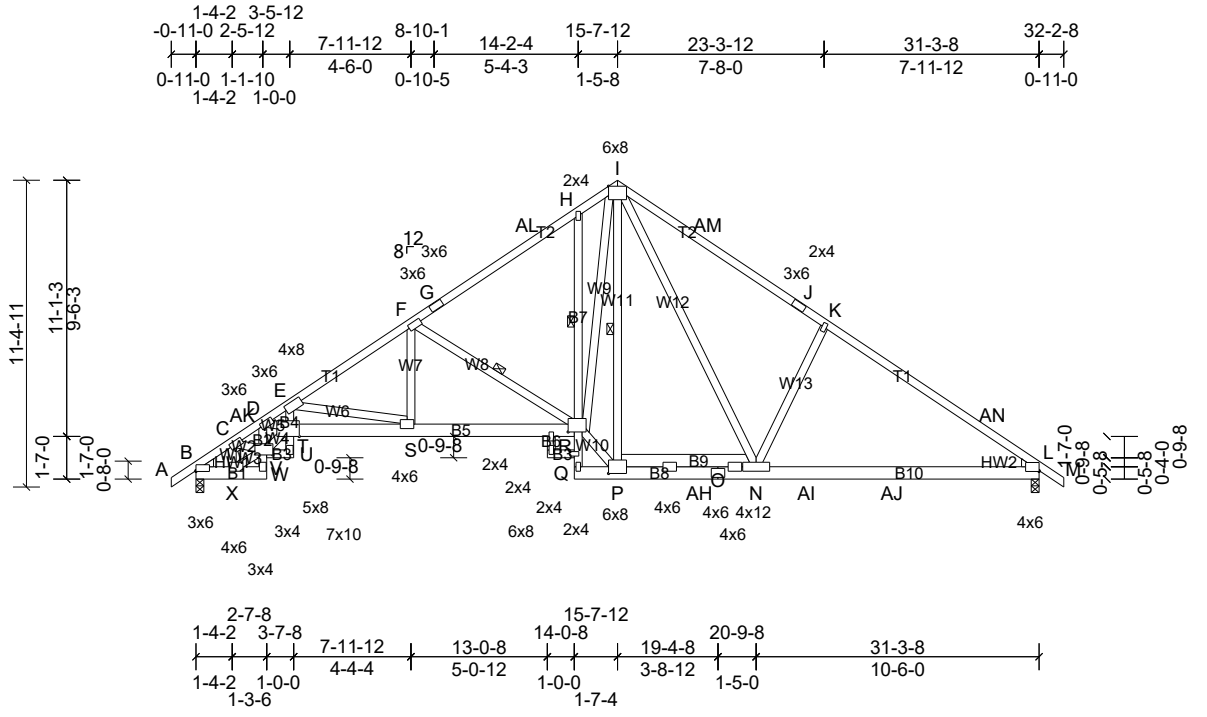
TOP CHORD	B-Y=-1913/410, C-Y=-1749/456, C-D=-1775/526, D-Z=-1707/550, E-Z=-1702/573, E-AA=-1702/572, F-AA=-1707/550, F-G=-1774/526, G-AB=-1750/456, H-AB=-1912/410
BOT CHORD	B-S=-452/1745, S-T=-443/1745, L-T=-443/1745, L-U=-109/1114, K-U=-106/1122, K-V=-106/1123, J-V=-109/1117, J-W=-221/1495, W-X=-221/1495, H-X=-221/1495
WEBS	C-L=-556/452, E-L=-337/943, E-J=-337/942, G-J=-556/452

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-11-0 to 2-1-0, Interior (1) 2-1-0 to 15-7-12, Exterior (2) 15-7-12 to 18-7-12, Interior (1) 18-7-12 to 32-2-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 4x6 MT20 unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 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 341 lb uplift at joint B and 341 lb uplift at joint H.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	A03	Roof Special	3	1	Job Reference (optional)



Scale = 1:85.9

Plate Offsets (X, Y): [B:Edge,0-0-6], [L:Edge,0-0-6], [P:0-2-4,0-3-0], [R:0-2-12,0-3-8], [T:0-6-0,Edge], [V:0-2-12,0-2-4]

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	0.88	Vert(LL)	-0.15	S-T	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.97	Vert(CT)	-0.31	S-T	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.23	L	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.20	S-T	>999	240	Weight: 252 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* B1,B5,B8,B10,B9:2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2
WEDGE	Left: 2x4 SP No.3
	Right: 2x4 SP No.3

REACTIONS (lb/size) B=1307/0-3-8, (min. 0-1-9), L=1307/0-3-8, (min. 0-1-9)
Max Horiz B=-368 (LC 10)
Max Uplift B=-341 (LC 12), L=-341 (LC 13)
Max Grav B=1307 (LC 1), L=1350 (LC 20)

BRACING

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
	2-2-0 oc bracing: S-T
	9-10-6 oc bracing: R-S.
1 Row at midpt	H-R
	6-0-0 oc bracing: Q-R
WEBS	1 Row at midpt I-P, F-R

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	B-C=-1561/367, C-AK=-2758/771, D-AK=-2733/773, D-E=-5127/1494, E-F=-2405/640, F-G=-1606/421, G-AL=-1570/438, H-AL=-1555/458, H-I=-1654/595, I-AM=-1697/573, J-AM=-1701/550, J-K=-1749/526, K-AN=-1673/457, L-AN=-1795/411
BOT CHORD	B-X=-489/1449, W-X=-109/348, D-V=-1748/527, U-V=-167/523, E-T=-565/1930, S-T=-1414/4603, R-S=-559/2206, Q-R=-343/76, H-R=-250/265, P-AH=-104/1089, O-AH=-101/1097, N-O=-115/1084, N-AI=-222/1400, AI-AJ=-222/1400, L-AJ=-222/1400
WEBS	I-P=-550/4, F-S=-107/647, I-N=-356/786, C-X=-1185/390, V-X=-449/1299, C-V=-320/1149, E-S=-2455/875, F-R=-997/442, K-N=-562/450, D-T=-587/1978, T-V=-891/2887, P-R=-103/1486, I-R=-472/1591

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-11-0 to 2-1-0, Interior (1) 2-1-0 to 15-7-12, Exterior (2) 15-7-12 to 18-7-12, Interior (1) 18-7-12 to 32-2-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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 341 lb uplift at joint B and 341 lb uplift at joint L.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	A04	Roof Special	2	1	Job Reference (optional)

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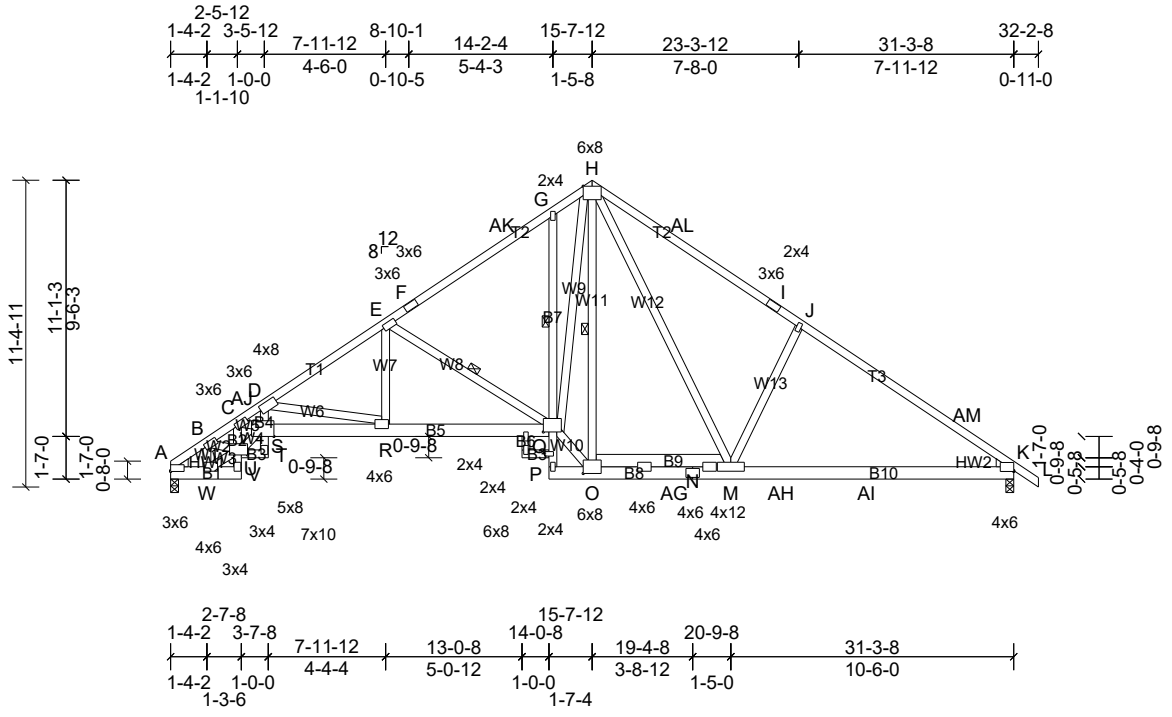


Scale = 1:85.9

Plate Offsets (X, Y): [A:Edge,0-0-6], [K:Edge,0-0-6], [O:0-2-4,0-3-0], [Q:0-2-8,0-3-8], [S:0-6-0,Edge], [U:0-2-12,0-2-4]

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	0.88	Vert(LL)	-0.16	R-S	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.97	Vert(CT)	-0.31	R-S	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	1.00	Horz(CT)	0.23	K	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.20	R-S	>999	240	Weight: 250 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* B1,B5,B8,B10,B9:2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2
WEDGE	Left: 2x4 SP No.3
	Right: 2x4 SP No.3

REACTIONS (lb/size) A=1251/0-3-8, (min. 0-1-8), K=1307/0-3-8, (min. 0-1-9)
Max Horiz A=-362 (LC 10)
Max Uplift A=-311 (LC 12), K=-341 (LC 13)
Max Grav A=1251 (LC 1), K=1350 (LC 20)

BRACING

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
	2-2-0 oc bracing: R-S
	9-10-1 oc bracing: Q-R.
1 Row at midpt	G-Q
	6-0-0 oc bracing: P-Q
WEBS	1 Row at midpt H-O, E-Q

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 A-B=-1554/382, B-C=-2779/786, C-AJ=-5153/1504, D-AJ=-5141/1510, D-E=-2410/643, E-F=-1608/426, F-AK=-1572/443, G-AK=-1557/462, G-H=-1656/596, H-AL=-1698/573, I-AL=-1702/550, I-J=-1750/527, J-AM=-1674/458, K-AM=-1795/412

BOT CHORD A-W=-503/1472, V-W=-111/351, C-U=-1750/528, T-U=-169/526, D-S=-574/1945, R-S=-1428/4625, Q-R=-562/2211, P-Q=-343/76, G-Q=-250/265, O-AG=-104/1091, N-AG=-102/1098, M-N=-116/1086, M-AH=-225/1401, AH-AI=-225/1401, K-AI=-225/1401

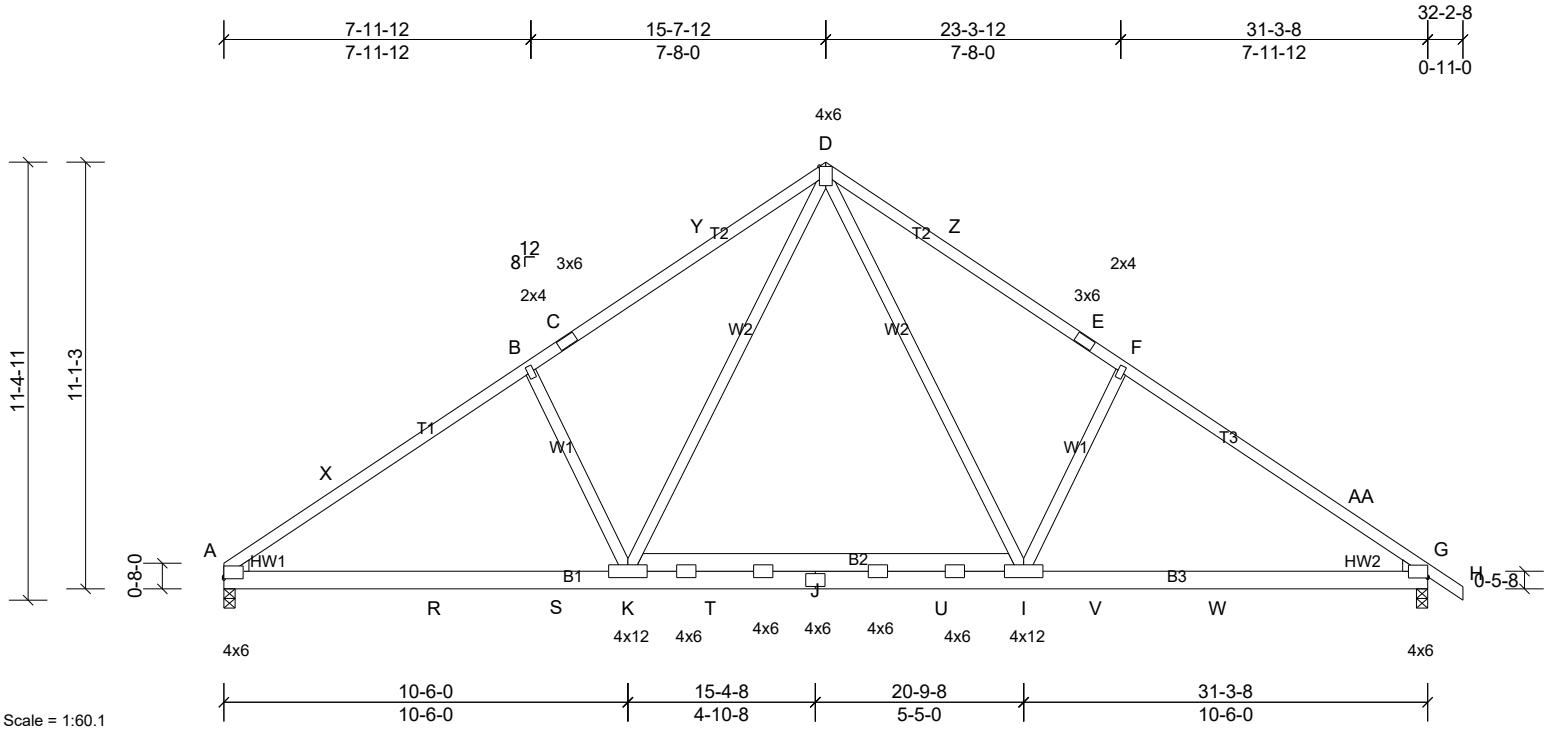
WEBS H-O=-550/4, E-R=-110/651, H-M=-356/786, B-W=-1186/391, U-W=-462/1321, B-U=-316/1142, D-R=-2472/886, E-Q=-1001/444, J-M=-562/450, C-S=-590/1983, S-U=-904/2907, O-Q=-104/1488, H-Q=-473/1593

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-0-0 to 3-0-0, Interior (1) 3-0-0 to 15-7-12, Exterior (2) 15-7-12 to 18-7-12, Interior (1) 18-7-12 to 32-2-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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 311 lb uplift at joint A and 341 lb uplift at joint K.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	A05	Common	1	1	Job Reference (optional)



Scale = 1:60.1

Plate Offsets (X, Y): [A:Edge,0-0-10], [G:Edge,0-0-6]

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	0.93	Vert(LL)	-0.10	I-K	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.17	I-K	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.03	G	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.08	K-N	>999	240	Weight: 207 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied.
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) A=1251/0-3-8, (min. 0-1-10), G=1307/0-3-8, (min. 0-1-11)
Max Horiz A=-362 (LC 10)
Max Uplift A=-311 (LC 12), G=-341 (LC 13)
Max Grav A=1357 (LC 19), G=1411 (LC 20)

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

TOP CHORD	A-X=-1918/433, B-X=-1752/465, B-C=-1780/529, C-Y=-1708/553, D-Y=-1703/575, D-Z=-1703/572, E-Z=-1709/550, E-F=-1775/526, F-AA=-1751/457, G-AA=-1913/410
BOT CHORD	A-R=-446/1748, R-S=-446/1748, K-S=-446/1748, K-T=-109/1116, J-T=-107/1123, J-U=-107/1125, I-U=-110/1118, I-V=-224/1496, V-W=-224/1496, G-W=-224/1496
WEBS	B-K=-555/452, D-K=-340/948, D-I=-337/942, F-I=-556/452

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-0-0 to 3-0-0, Interior (1) 3-0-0 to 15-7-12, Exterior (2) 15-7-12 to 18-7-12, Interior (1) 18-7-12 to 32-2-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 4x6 MT20 unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 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 311 lb uplift at joint A and 341 lb uplift at joint G.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	A06	Common	2	1	Job Reference (optional)

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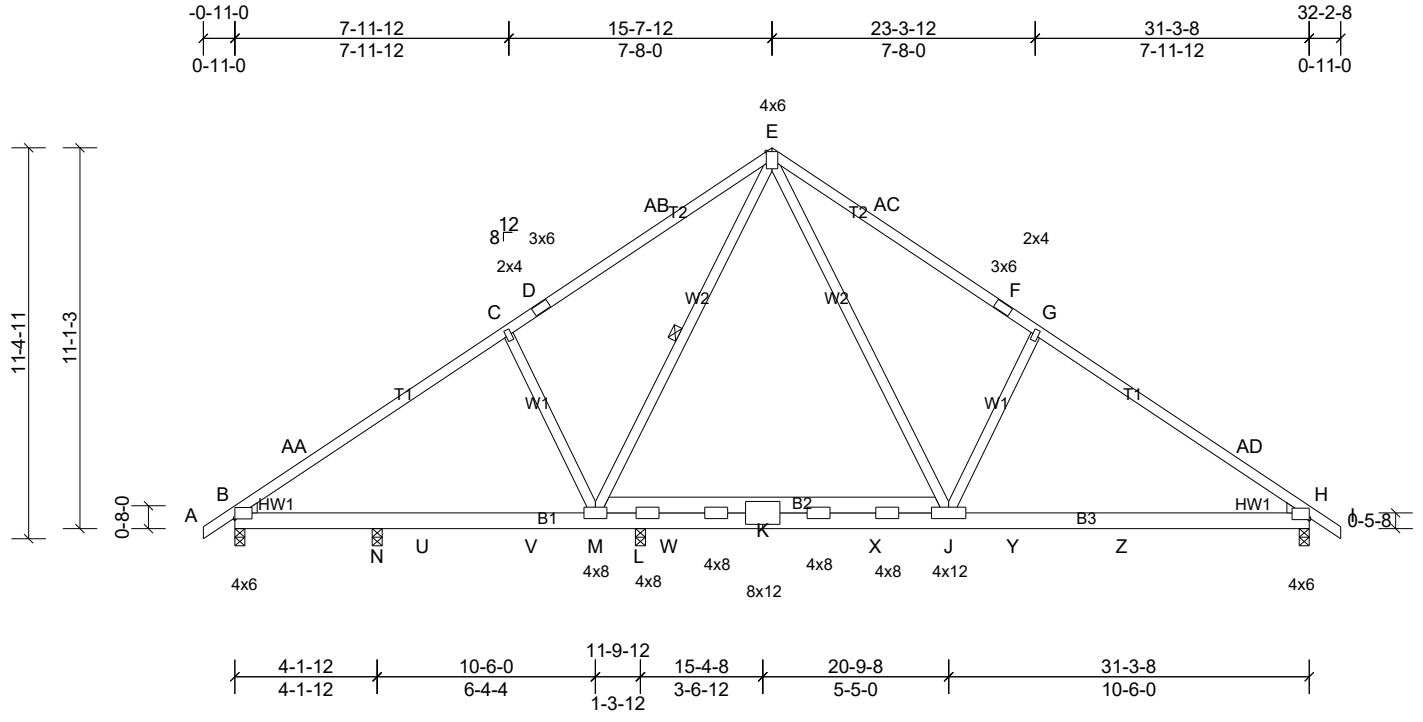


Scale = 1:67.4

Plate Offsets (X, Y): [B:Edge,0-0-6], [H:Edge,0-0-10]

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	0.81	Vert(LL)	-0.08	J-T	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.48	Vert(CT)	-0.17	J-T	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.01	H	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.09	J-T	>999	240	Weight: 209 lb	FT = 20%

LUMBER

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

BRACING

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

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

REACTIONS All bearings 0-3-8.

(lb) - Max Horiz B=368 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) N except B=-151 (LC 12), H=-295 (LC 13), L=-224 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) except B=532 (LC 1), H=1008 (LC 20), L=1092 (LC 19), N=322 (LC 19)

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

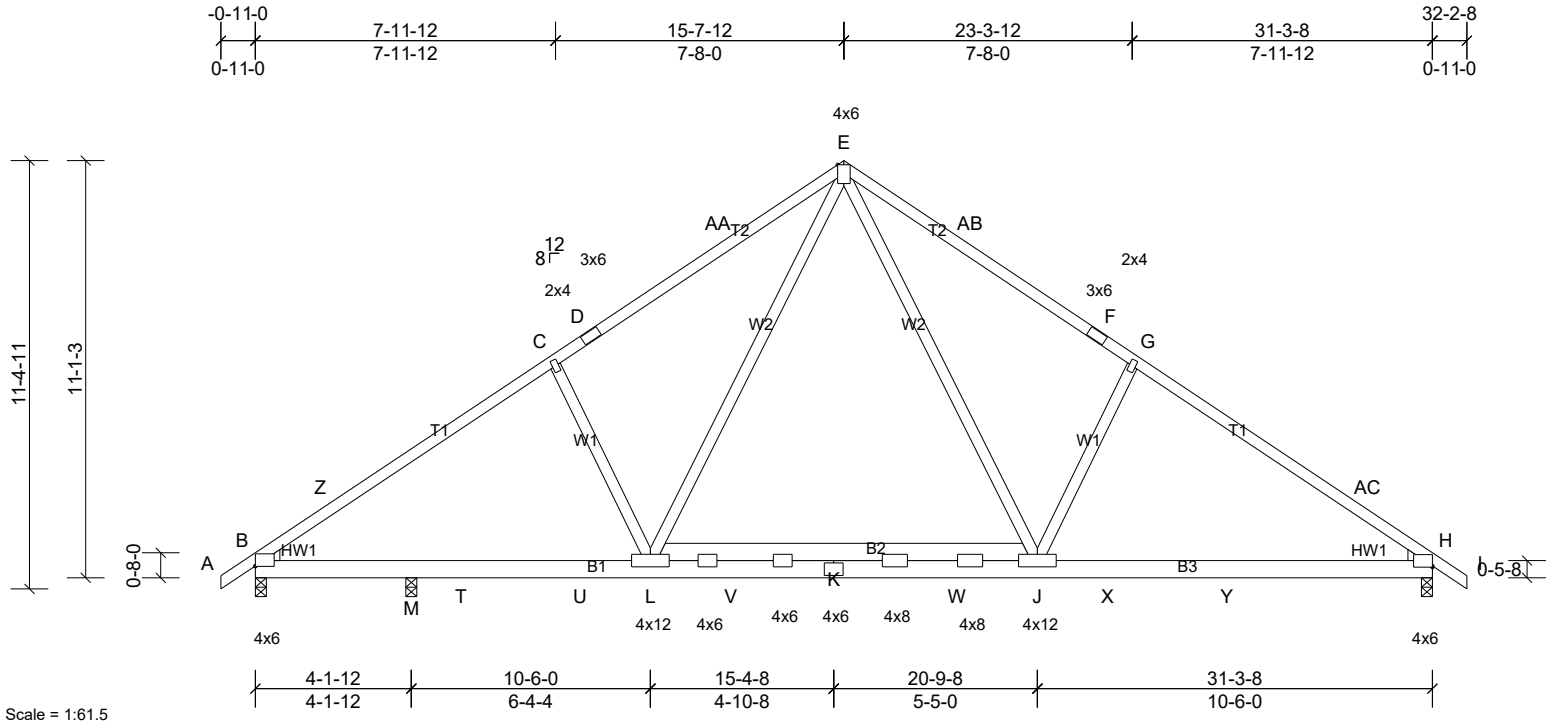
TOP CHORD	B-AA=-637/313, C-AA=-495/263, C-D=-570/299, D-AB=-522/321, E-AB=-517/346, E-AC=-1041/489, F-AC=-1046/467, F-G=-1094/443, G-AD=-1017/369, H-AD=-1209/323
BOT CHORD	B-N=-419/573, N-U=-207/573, U-V=-207/573, M-V=-207/573, L-M=-27/642, L-W=-12/502, K-W=-12/502, K-X=-14/506, J-X=-15/498, J-Y=-126/886, Y-Z=-126/886, H-Z=-126/886
WEBS	C-M=-553/452, E-M=-481/58, E-J=-321/865, G-J=-564/453

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-11-0 to 2-1-0, Interior (1) 2-1-0 to 15-7-12, Exterior (2) 15-7-12 to 18-7-12, Interior (1) 18-7-12 to 32-2-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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 100 lb uplift at joint(s) N except (jt=lb) B=150, H=294, L=223.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	A07	Common	2	1	Job Reference (optional)



Scale = 1:61.5

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

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	0.90	Vert(LL)	-0.11	J-L	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.59	Vert(CT)	-0.19	J-L	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.90	Horz(CT)	0.03	H	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.08	J-L	>999	240	Weight: 209 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied.
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) B=1156/0-3-8, (min. 0-1-8), H=1284/0-3-8, (min. 0-1-10), M=173/0-3-8, (min. 0-1-8)
Max Horiz B=-368 (LC 10)
Max Uplift B=-305 (LC 12), H=-343 (LC 13), M=-42 (LC 12)
Max Grav B=1203 (LC 19), H=1387 (LC 20), M=240 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-Z=-1752/400, C-Z=-1622/446, C-D=-1612/500, D-AA=-1555/523, E-AA=-1549/547, E-AB=-1656/575, F-AB=-1661/553, F-G=-1736/529, G-AC=-1699/455, H-AC=-1875/409
BOT CHORD B-M=-457/1604, M-T=-419/1604, T-U=-419/1604, L-U=-419/1604, L-V=-98/1057, K-V=-97/1064, K-W=-97/1063, J-W=-98/1056, J-X=-219/1453, X-Y=-219/1453, H-Y=-219/1453
WEBS C-L=-543/450, E-L=-307/769, E-J=-335/972, G-J=-555/452

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-11-0 to 2-1-0, Interior (1) 2-1-0 to 15-7-12, Exterior (2) 15-7-12 to 18-7-12, Interior (1) 18-7-12 to 32-2-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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 305 lb uplift at joint B, 343 lb uplift at joint H and 42 lb uplift at joint M.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	A08	Common	8	1	Job Reference (optional)

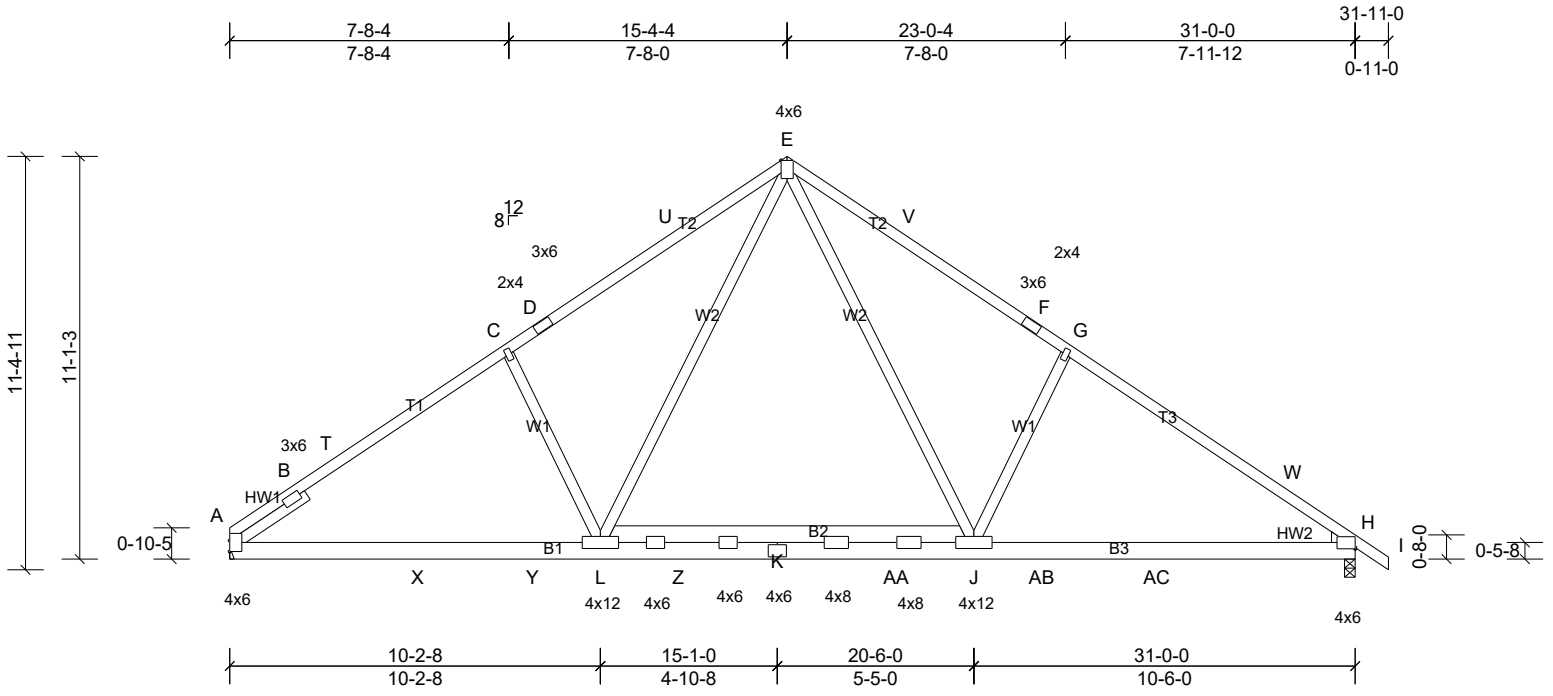


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Plate Offsets (X, Y): [H:Edge,0-0-6]

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	0.98	Vert(LL)	-0.10	J-L	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.17	J-L	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.03	H	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.08	J-S	>999	240	Weight: 209 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3
WEDGE Right: 2x4 SP No.3
SLIDER Left 2x4 SP No.2 -- 2-6-0

BRACING
TOP CHORD Structural wood sheathing directly applied.
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) A=1239/ Mechanical, (min. 0-1-8), H=1296/0-3-8, (min. 0-1-10)
Max Horiz A=-361 (LC 8)
Max Uplift A=-306 (LC 12), H=-339 (LC 13)
Max Grav A=1345 (LC 19), H=1400 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD A-B=-847/0, B-T=-1774/426, C-T=-1666/457, C-D=-1716/516, D-U=-1650/540, E-U=-1644/562, E-V=-1683/568, F-V=-1689/546, F-G=-1755/522, G-W=-1729/452, H-W=-1894/406
BOT CHORD A-X=-429/1685, X-Y=-429/1685, L-Y=-429/1685, L-Z=-106/1096, K-Z=-103/1103, K-AA=-103/1104, J-AA=-106/1097, J-AB=-220/1479, AB-AC=-220/1479, H-AC=-220/1479
WEBS C-L=-520/434, E-L=-327/882, E-J=-336/950, G-J=-554/452

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-3-8 to 3-3-8, Interior (1) 3-3-8 to 15-7-12, Exterior (2) 15-7-12 to 18-7-12, Interior (1) 18-7-12 to 32-2-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 306 lb uplift at joint A and 339 lb uplift at joint H.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	A09	Common Supported Gable	1	1	Job Reference (optional)

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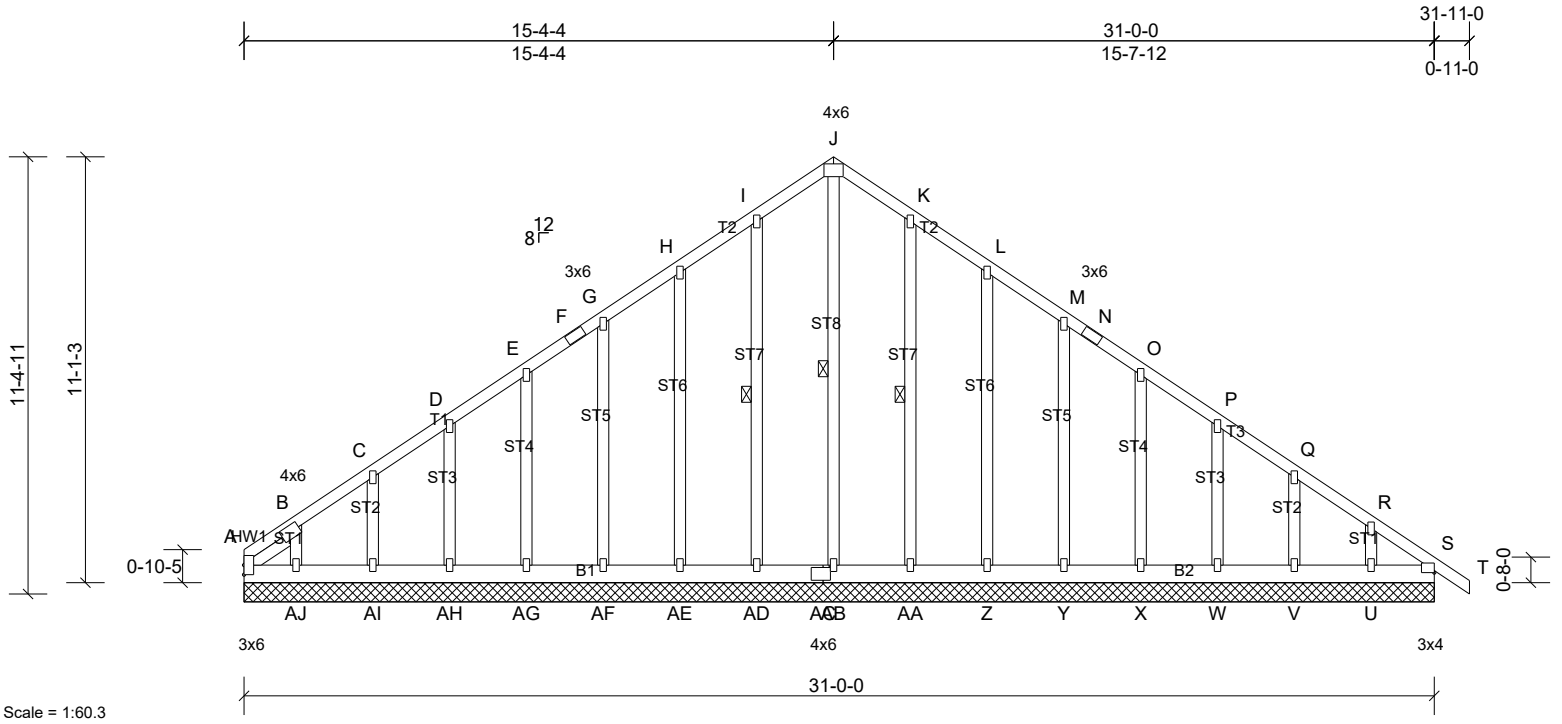

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Plate Offsets (X, Y): [AC:0-2-4,0-2-0]

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	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.01	S	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 253 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x4 SP No.2 -- 1-5-12

BRACING

TOP CHORD	Structural wood sheathing directly applied or 10-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt J-AB, I-AD, K-AA

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

REACTIONS All bearings 31-0-0.

(lb) - Max Horiz A=-361 (LC 8), AK=-361 (LC 8)

Max Uplift All uplift 100 (lb) or less at joint(s) W, Y, AA, AB, AD, AI except A=-250 (LC 10), V=-225 (LC 13), X=-112 (LC 13), Z=-113 (LC 13), AE=-109 (LC 12), AF=-102 (LC 12), AG=-103 (LC 12), AH=-105 (LC 12), AJ=-208 (LC 12), AK=-250 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) V, W, X, Y, Z, AA, AD, AE, AF, AG, AH, AI except A=292 (LC 9), U=316 (LC 1), AB=367 (LC 13), AJ=256 (LC 19), AK=292 (LC 9)

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

TOP CHORD B-C=-303/306, C-D=-255/274, D-E=-209/253, F-G=-165/256, G-H=-202/302, H-I=-271/354, I-J=-330/390, J-K=-330/380, K-L=-271/311

WEBS J-AB=-343/223

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Corner (3) 0-0-0 to 3-0-0, Exterior (2) 3-0-0 to 15-4-4, Corner (3) 15-4-4 to 18-4-4, Exterior (2) 18-4-4 to 31-11-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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) AB, AD, AI, AA, Y, W except (jt=lb) A=250, AE=109, AF=102, AG=102, AH=104, AJ=208, Z=112, X=111, V=225, A=250.
10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	B01	Common Supported Gable	1	1	Job Reference (optional)

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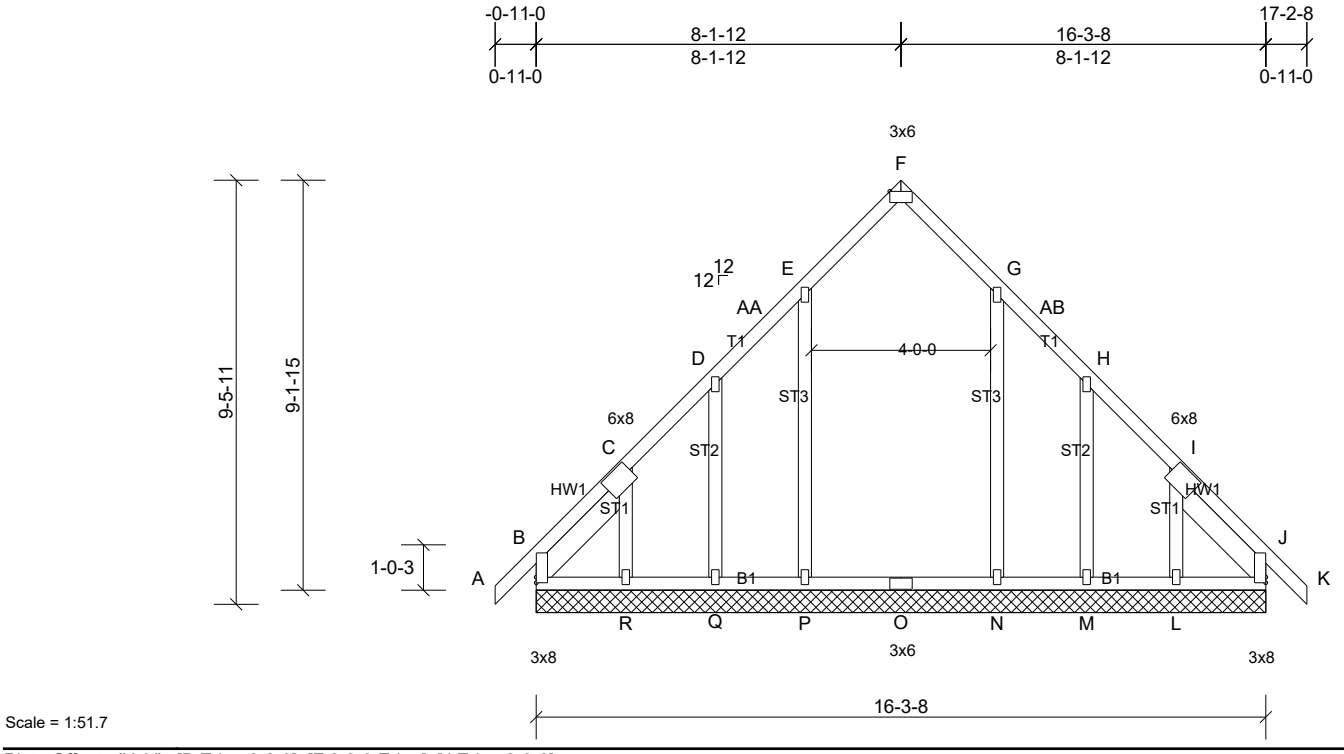

Scale = 1:51.7

Plate Offsets (X, Y): [B:Edge,0-0-0], [F:0-3-0,Edge], [J:Edge,0-0-0]

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	0.11	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	NO	WB	0.18	Horz(CT)	0.01	J	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 116 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -- 2-10-2, Right 2x6 SP No.2 -- 2-10-2

BRACING

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

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

REACTIONS All bearings 16-3-8.

(lb) - Max Horiz B=-302 (LC 10), S=-302 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) F, J, W except B=-166 (LC 8), L=-235 (LC 13), M=-161 (LC 13), N=-157 (LC 13), P=-157 (LC 12), Q=-159 (LC 12), R=-255 (LC 12), S=-166 (LC 8)

Max Grav All reactions 250 (lb) or less at joint(s) J, L, M, Q, W except B=252 (LC 20), F=373 (LC 13), N=335 (LC 20), P=335 (LC 19), R=264 (LC 19), S=252 (LC 20)

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

TOP CHORD	E-F=-291/329, F-G=-291/313
WEBS	C-R=-244/253

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-11-0 to 2-0-0, Interior (1) 2-0-0 to 8-1-12, Exterior (2) 8-1-12 to 11-1-12, Interior (1) 11-1-12 to 17-2-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) F, J, J except (jt=lb) B=166, P=157, N=156, Q=159, R=254, M=160, L=235, B=166.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) J, W.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	B02	Common	2	1	Job Reference (optional)

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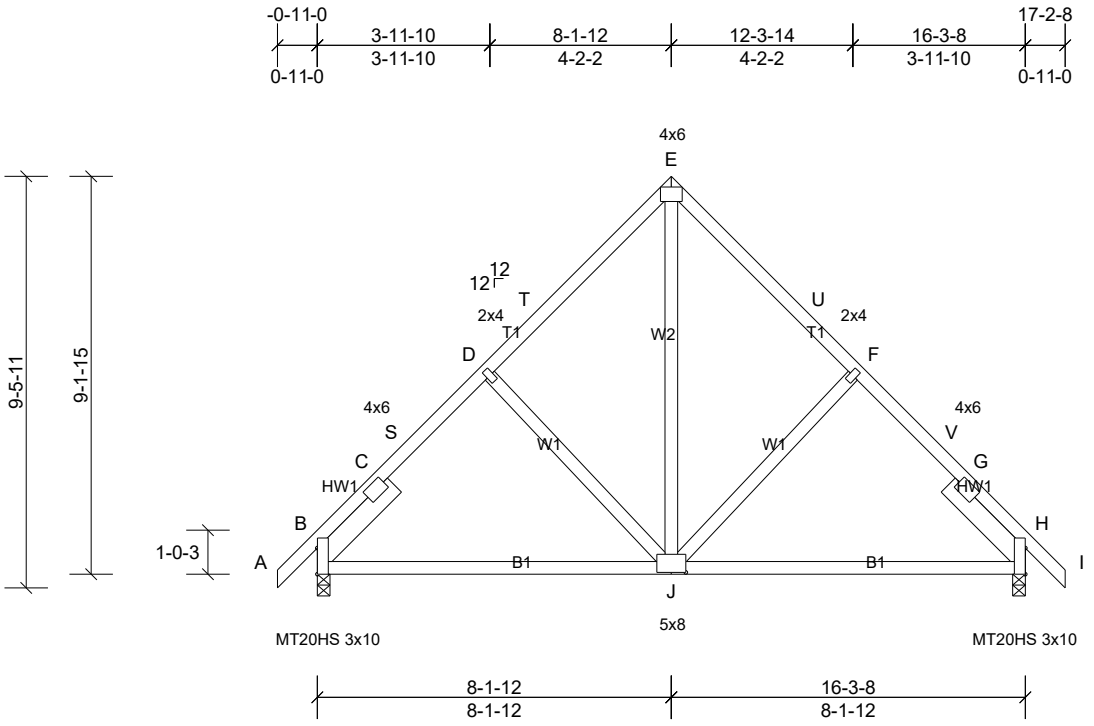

Scale = 1:53.2

Plate Offsets (X, Y): [B:Edge,0-0-0], [H:Edge,0-0-0], [J:0-4-0,0-3-0]

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	0.26	Vert(LL)	-0.06	J-M	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.50	Vert(CT)	-0.12	J-M	>999	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.01	H	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.02	J-M	>999	240	Weight: 105 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -- 2-6-0, Right 2x6 SP No.2 -- 2-6-0

REACTIONS (lb/size) B=707/0-3-8, (min. 0-1-8), H=707/0-3-8, (min. 0-1-8)
Max Horiz B=302 (LC 11)
Max Uplift B=-160 (LC 12), H=-160 (LC 13)

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.

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

TOP CHORD	B-C=-471/49, C-S=-652/220, D-S=-630/237, D-T=-633/246, E-T=-601/279, E-U=-601/279, F-U=-633/246, F-V=-630/237, G-V=-652/220, G-H=-450/49
BOT CHORD	B-J=-238/556, H-J=-64/428
WEBS	E-J=-222/605, F-J=-305/289, D-J=-305/289

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-11-0 to 2-1-0, Interior (1) 2-1-0 to 8-1-12, Exterior (2) 8-1-12 to 11-1-12, Interior (1) 11-1-12 to 17-2-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 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 160 lb uplift at joint B and 160 lb uplift at joint H.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	B03	Common Girder	1	3	Job Reference (optional)

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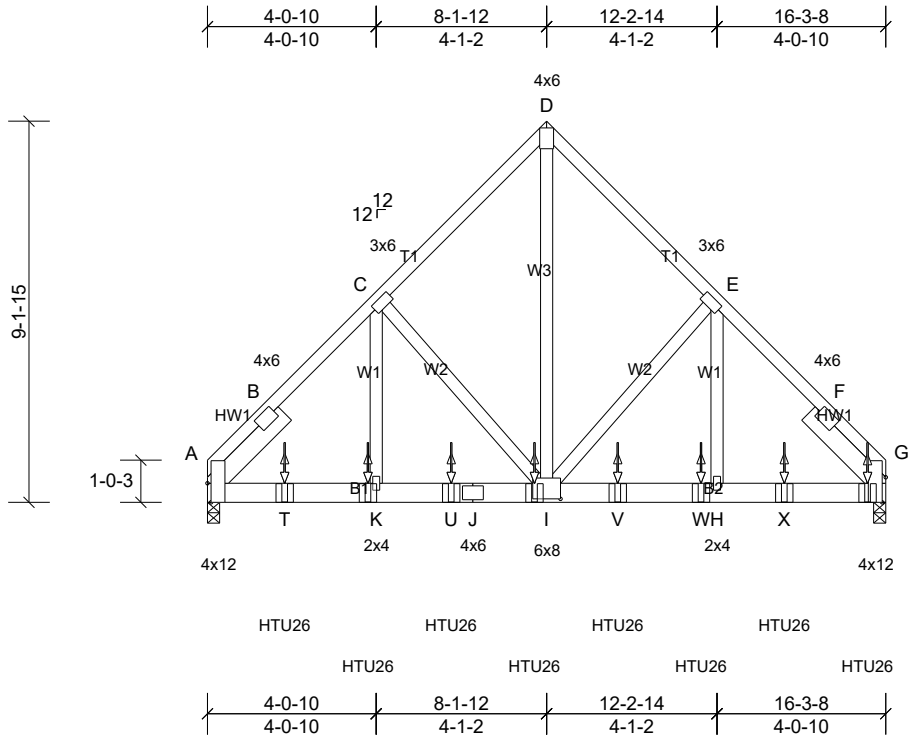

Scale = 1:55.6

Plate Offsets (X, Y): [A:0-5-8,Edge], [G:0-7-3,Edge], [I: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	0.35	Vert(LL)	-0.05	H-I	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.09	H-I	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.43	Horz(CT)	0.02	G	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.05	H-I	>999	240	Weight: 382 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2
SLIDER	Left 2x6 SP No.2 -- 2-6-0, Right 2x6 SP No.2 -- 2-6-0

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.

REACTIONS (lb/size) A=5073/0-3-8, (min. 0-2-2), G=5990/0-3-8, (min. 0-2-8)
Max Horiz A=-272 (LC 23)
Max Uplift A=-1296 (LC 9), G=-1530 (LC 8)
Max Grav A=5394 (LC 16), G=6390 (LC 15)

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

TOP CHORD	A-B=-4181/920, B-C=-5783/1454, C-D=-4240/1173, D-E=-4242/1174, E-F=-5903/1481, F-G=-3976/942
BOT CHORD	A-T=-1045/4127, K-T=-1045/4127, K-U=-1045/4127, J-U=-1045/4127, I-J=-1045/4127, I-V=-953/4093, V-W=-953/4093, H-W=-953/4093, H-X=-953/4093, G-X=-953/4093
WEBS	C-K=-513/2214, C-I=-1633/608, D-I=-1479/5591, E-I=-1774/642, E-H=-557/2395

NOTES

1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-6-0 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 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; 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 20.0psf 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1296 lb uplift at joint A and 1530 lb uplift at joint G.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 1-10-4 from the left end to 15-10-4 to connect truss(es) A08 (1 ply 2x6 SP) to back 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: A-D=-60, D-G=-60, L-P=-20
Concentrated Loads (lb)
Vert: K=-1219 (B), I=-1219 (B), R=-1225 (B), T=-1219 (B), U=-1219 (B), V=-1219 (B), W=-1219 (B), X=-1219 (B)

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	D01	Attic	1	1	Job Reference (optional)

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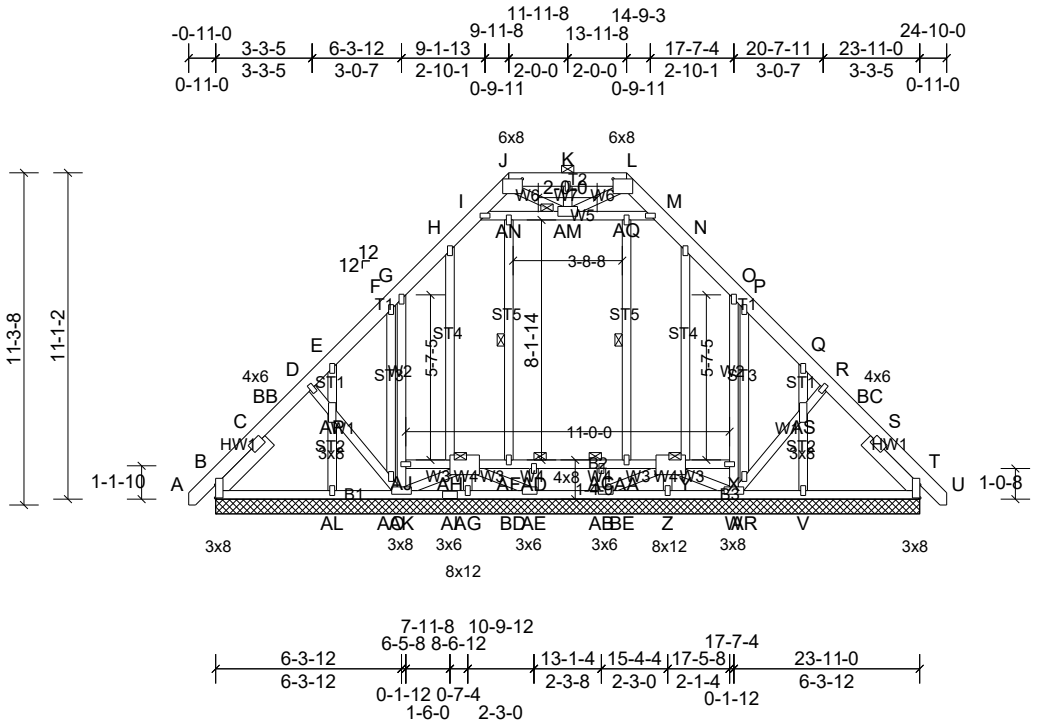

Scale = 1:78.6

Plate Offsets (X, Y): [B:Edge,0-0-0], [J:0-5-8,0-3-0], [L:0-5-8,0-3-0], [T:Edge,0-0-0], [Y:0-3-0,0-2-8], [AH:0-5-8,0-2-8]

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	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.01	T	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 289 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W2,W5:2x4 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -- 2-6-0, Right 2x6 SP No.2 -- 2-6-0

REACTIONS All bearings 23-11-0.

(lb) - Max Horiz B=-362 (LC 10), AT=-362 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) B, T, V, AG, AL, AT, AX except W=-432 (LC 13), AK=-381 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) V, Z, AL except B=360 (LC 1), T=360 (LC 1), W=374 (LC 21), AB=258 (LC 18), AE=258 (LC 18), AG=294 (LC 23), AK=317 (LC 20), AT=360 (LC 1), AX=360 (LC 1)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): J-L.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt AF-AN, AA-AQ
JOINTS	1 Brace at Jt(s): AM, AD, AC, AH, Y

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	C-BB=-293/165, E-F=-254/202, G-H=-252/237, H-I=-277/239, M-N=-277/241, N-O=-252/228
BOT CHORD	B-AL=-190/284, AK-AL=-190/284, AI-AK=-113/252, AG-AI=-113/252
WEBS	AK-AO=-253/269, W-AR=-253/271, AG-AH=-287/111

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-9-10 to 2-2-6, Interior (1) 2-2-6 to 9-11-8, Exterior (2) 9-11-8 to 17-11-11, Interior (1) 17-11-11 to 24-8-10 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) B, T, AG, AL, V, B, T except (jt=lb) AK=381, W=432.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	D02	Attic	4	1	Job Reference (optional)

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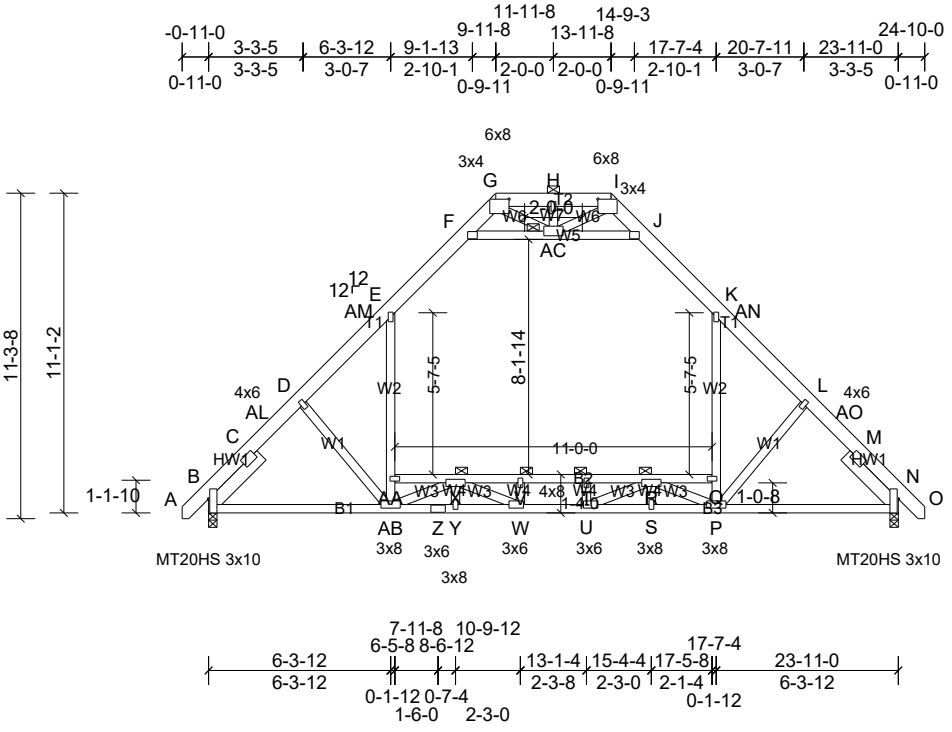

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Plate Offsets (X, Y): [B:0-5-13,Edge], [G:0-5-8,0-3-0], [I:0-5-8,0-3-0], [N:0-5-13,Edge]

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	0.47	Vert(LL)	-0.17	Y-AB	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.55	Vert(CT)	-0.31	T-V	>932	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.05	N	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.22	AB-AF	>999	240	Weight: 212 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E or 2x6 SP DSS *Except* T2:2x6 SP No.2
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W2,W5:2x4 SP No.2
SLIDER	Left 2x6 SP No.2 -- 2-6-0, Right 2x6 SP No.2 -- 2-6-0

REACTIONS (lb/size) B=1290/0-3-8, (min. 0-1-12), N=1290/0-3-8, (min. 0-1-12)
Max Horiz B=-362 (LC 10)
Max Uplift B=-22 (LC 12), N=-22 (LC 13)
Max Grav B=1501 (LC 2), N=1501 (LC 2)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-7-11 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): G-I.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): AC, V, T, X, R

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.

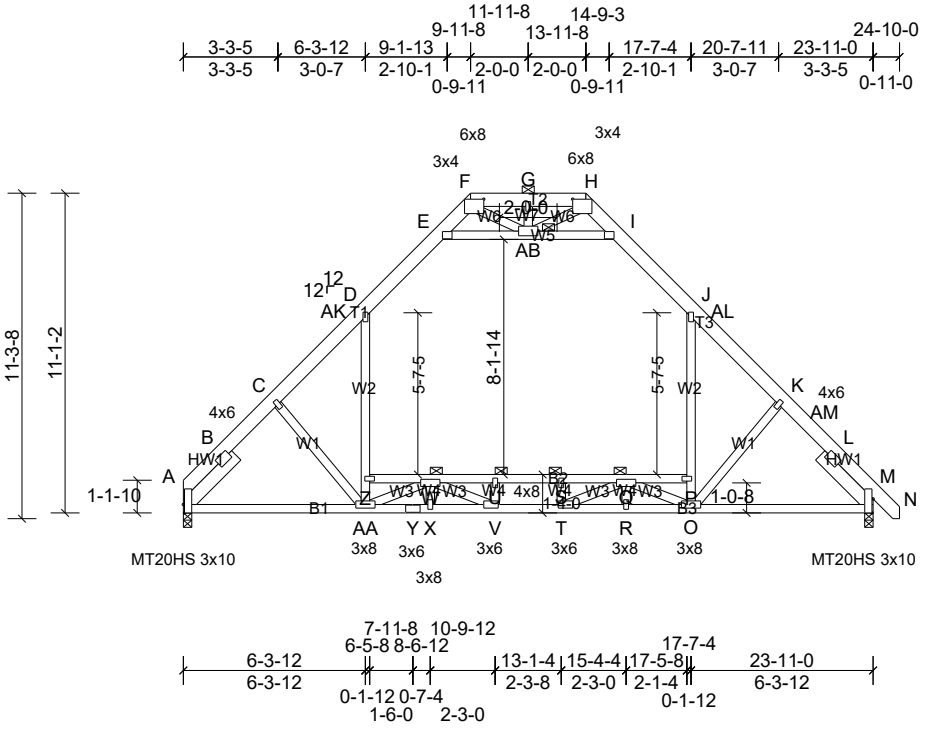
TOP CHORD	B-C=-629/115, C-AL=-1724/87, D-AL=-1694/101, D-AM=-1678/134, E-AM=-1577/142, E-F=-947/256, F-G=-26/494, G-H=0/623, H-I=0/623, I-J=-26/495, J-K=-947/256, K-AN=-1577/142, L-AN=-1678/134, L-AO=-1694/101, M-AO=-1724/87, M-N=-558/117
BOT CHORD	B-AB=-153/1353, Z-AB=0/2253, Y-Z=0/2253, W-Y=0/2253, U-W=0/2718, S-U=0/2066, P-S=0/2066, N-P=0/1125, V-X=-1854/0, T-V=-1854/0, R-T=-1854/0
WEBS	AA-AB=-19/797, E-AA=-1/956, P-Q=-21/800, K-Q=-1/956, F-AC=-1865/343, J-AC=-1867/345, D-AB=-385/345, L-P=-387/347, G-AC=-229/325, I-AC=-229/325, X-AB=-1329/0, W-X=-44/776, P-R=-1329/0, R-U=-57/787

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-9-10 to 2-2-6, Interior (1) 2-2-6 to 9-11-8, Exterior (2) 9-11-8 to 18-2-7, Interior (1) 18-2-7 to 24-8-10 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Ceiling dead load (5.0 psf) on member(s). E-F, J-K, F-AC, J-AC; Wall dead load (5.0psf) on member(s).E-AA, K-Q
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. X-AA, V-X, T-V, R-T, Q-R
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint B and 22 lb uplift at joint N.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	D03	Attic	4	1	Job Reference (optional)



Scale = 1:80.2

Plate Offsets (X, Y): [A:0-3-8,Edge], [F:0-5-8,0-3-0], [H:0-5-8,0-3-0], [M:0-5-13,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	0.47	Vert(LL)	-0.17	X-AA	>999	360	MT20HS	187/143
TCDL	10.0	Lumber DOL	1.15	BC	0.55	Vert(CT)	-0.31	S-U	>931	240	MT20	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.05	M	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.22	AA-AE	>999	240	Weight: 210 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E or 2x6 SP DSS *Except* T2:2x6 SP No.2
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W2,W5:2x4 SP No.2
SLIDER	Left 2x6 SP No.2 -- 2-6-0, Right 2x6 SP No.2 -- 2-6-0

REACTIONS (lb/size) A=1241/0-3-8, (min. 0-1-12), M=1291/0-3-8, (min. 0-1-12)
Max Horiz A=-353 (LC 10)
Max Uplift M=-22 (LC 13)
Max Grav A=1460 (LC 2), M=1502 (LC 2)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-7-9 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): F-H.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): AB, U, S, W, Q

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	A-B=-646/113, B-C=-1727/108, C-AK=-1681/143, D-AK=-1581/150, D-E=-947/258, E-F=-26/495, F-G=0/624, G-H=0/624, H-I=-26/495, I-J=-948/256, J-AL=-1578/142, K-AL=-1679/134, K-AM=-1695/101, L-AM=-1725/87, L-M=-557/117
BOT CHORD	A-AA=-145/1358, Y-AA=0/2255, X-Y=0/2255, V-X=0/2255, T-V=0/2719, R-T=0/2066, O-R=0/2066, M-O=0/1125, U-W=-1854/0, S-U=-1854/0, Q-S=-1854/0
WEBS	Z-AA=-19/801, D-Z=-1/958, O-P=-21/800, J-P=-1/956, E-AB=-1866/343, I-AB=-1870/345, C-AA=-391/346, K-O=-387/347, F-AB=-229/324, H-AB=-229/326, W-AA=-1329/0, V-W=-44/775, O-Q=-1329/0, Q-T=-57/788

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-0-0 to 3-1-9, Interior (1) 3-1-9 to 9-11-8, Exterior (2) 9-11-8 to 18-2-7, Interior (1) 18-2-7 to 24-8-10 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Ceiling dead load (5.0 psf) on member(s). D-E, I-J, E-AB, I-AB; Wall dead load (5.0psf) on member(s).D-Z, J-P
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. W-Z, U-W, S-U, Q-S, P-Q
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint M.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	D04	Attic	2	1	Job Reference (optional)

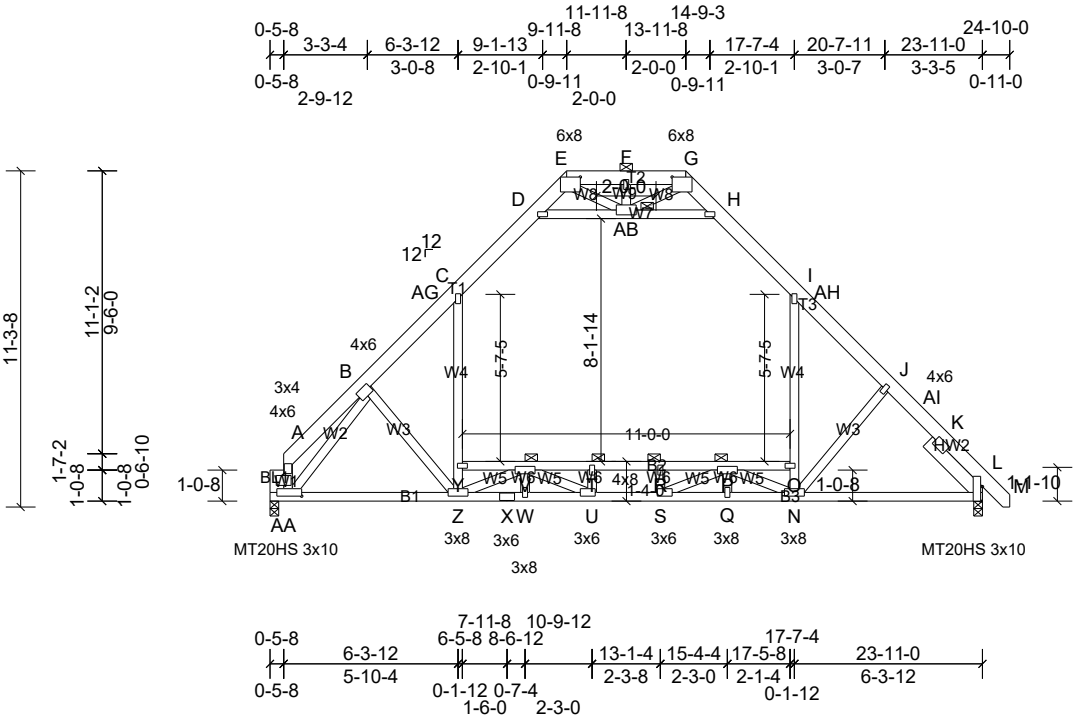


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Plate Offsets (X, Y): [E:0-5-8,0-3-0], [G:0-5-8,0-3-0], [L:0-5-13,Edge], [AA:0-3-12,0-1-8]

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	0.47	Vert(LL)	-0.18	N-Q	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.54	Vert(CT)	-0.31	P-R	>906	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.04	L	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.22	N-AE	>999	240	Weight: 212 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP 2400F 2.0E or 2x6 SP DSS *Except* T2:2x6 SP No.2
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W4,W7,W1:2x4 SP No.2
OTHERS	2x6 SP No.2
SLIDER	Right 2x6 SP No.2 -- 2-6-0

REACTIONS (lb/size) L=1267/0-3-8, (min. 0-1-12), AA=1242/0-3-8, (min. 0-1-12)
Max Horiz AA=-352 (LC 8)
Max Uplift L=-23 (LC 13)
Max Grav L=1473 (LC 2), AA=1468 (LC 2)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-7-15 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): E-G.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): AB, T, R, V, P

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.

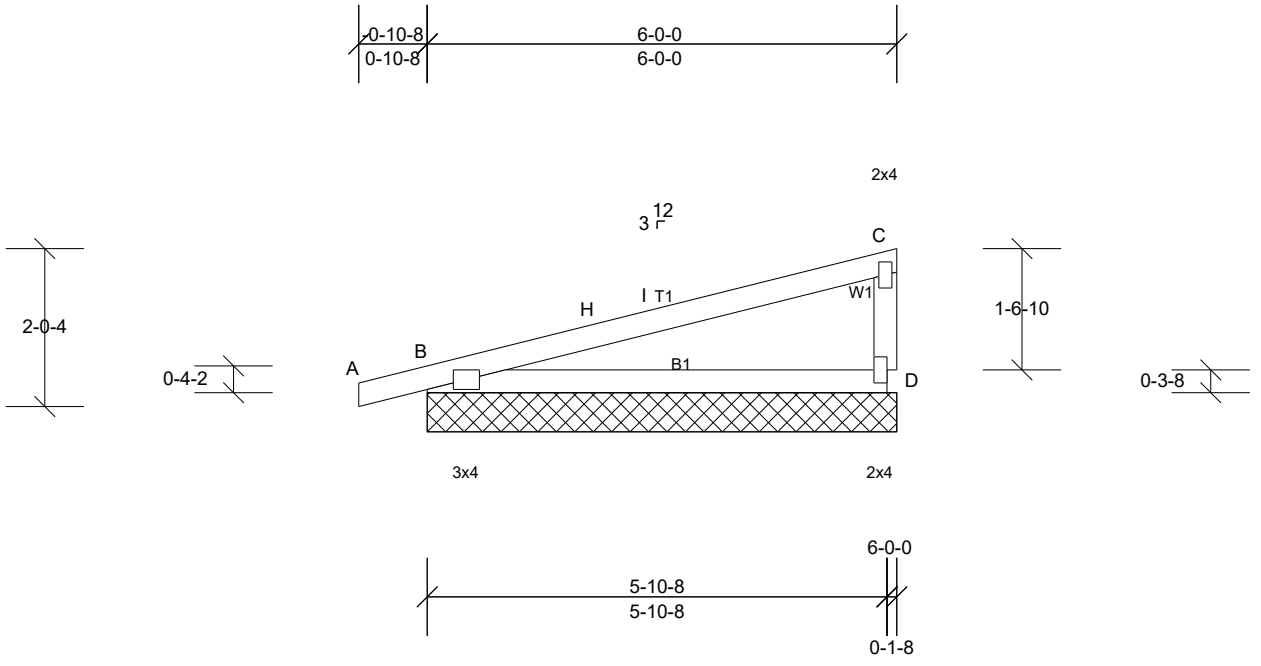
TOP CHORD	A-B=-256/72, B-AG=-1602/130, C-AG=-1499/139, C-D=-929/256, D-E=-26/470, E-F=0/583, F-G=0/583, G-H=-27/458, H-I=-909/254, I-AH=-1540/140, J-AH=-1641/132, J-AI=-1655/100, K-AI=-1685/85, K-L=-566/117
BOT CHORD	Z-AA=-145/1215, X-Z=0/2146, W-X=0/2146, U-W=0/2146, S-U=0/2674, Q-S=0/2066, N-Q=0/2066, L-N=0/1105, T-V=-1843/0, R-T=-1843/0, P-R=-1843/0
WEBS	Y-Z=-7/719, C-Y=0/889, N-O=-22/797, I-O=-2/953, D-AB=-1805/343, H-AB=-1760/345, B-Z=-260/336, J-N=-409/348, E-AB=-225/348, G-AB=-235/290, T-U=-254/0, V-Z=-1300/0, U-V=-29/831, N-P=-1336/0, P-S=-66/731, B-AA=-1476/29

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-2-12 to 3-0-11, Interior (1) 3-0-11 to 9-11-8, Exterior (2) 9-11-8 to 18-2-7, Interior (1) 18-2-7 to 24-8-10 zone; cantilever left and right exposed ; end vertical right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Ceiling dead load (5.0 psf) on member(s). C-D, H-I, D-AB, H-AB; Wall dead load (5.0psf) on member(s).C-Y, I-O
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. V-Y, T-V, R-T, P-R, O-P
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint L.
11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	E01	Monopitch Supported Gable	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	0.49	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.45	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	B	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 21 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, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS (lb/size) B=291/6-0-0, (min. 0-1-8), D=230/6-0-0, (min. 0-1-8), E=291/6-0-0, (min. 0-1-8)
Max Horiz B=92 (LC 8), E=92 (LC 8)
Max Uplift B=-126 (LC 8), D=-90 (LC 12), E=-126 (LC 8)

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

NOTES
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Corner (3) -0-10-8 to 2-1-8, Exterior (2) 2-1-8 to 5-10-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 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 90 lb uplift at joint D, 126 lb uplift at joint B and 126 lb uplift at joint B.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	E02	Monopitch	5	1	Job Reference (optional)

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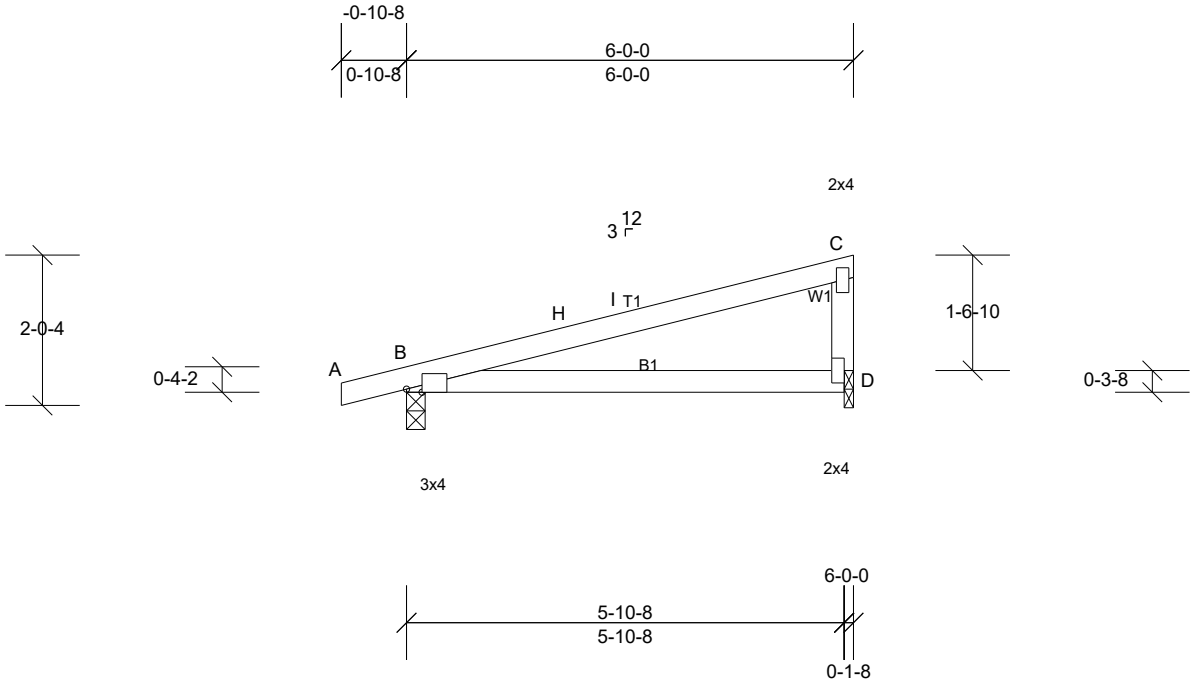

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Plate Offsets (X, Y): [B:0-2-8,Edge]

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	0.49	Vert(LL)	0.16	D-G	>428	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.47	Vert(CT)	-0.12	D-G	>572	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	B	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 21 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, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS (lb/size) B=291/0-3-0, (min. 0-1-8), D=230/0-1-8, (min. 0-1-8)
Max Horiz B=92 (LC 8)
Max Uplift B=-199 (LC 8), D=-161 (LC 8)

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

NOTES

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-10-8 to 2-1-8, Interior (1) 2-1-8 to 5-10-4 zone; cantilever left and right exposed ; end vertical left exposed; porch left and right exposed;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 20.0psf 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) Bearing at joint(s) D considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) D.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 199 lb uplift at joint B and 161 lb uplift at joint D.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	E03	Half Hip	2	1	Job Reference (optional)

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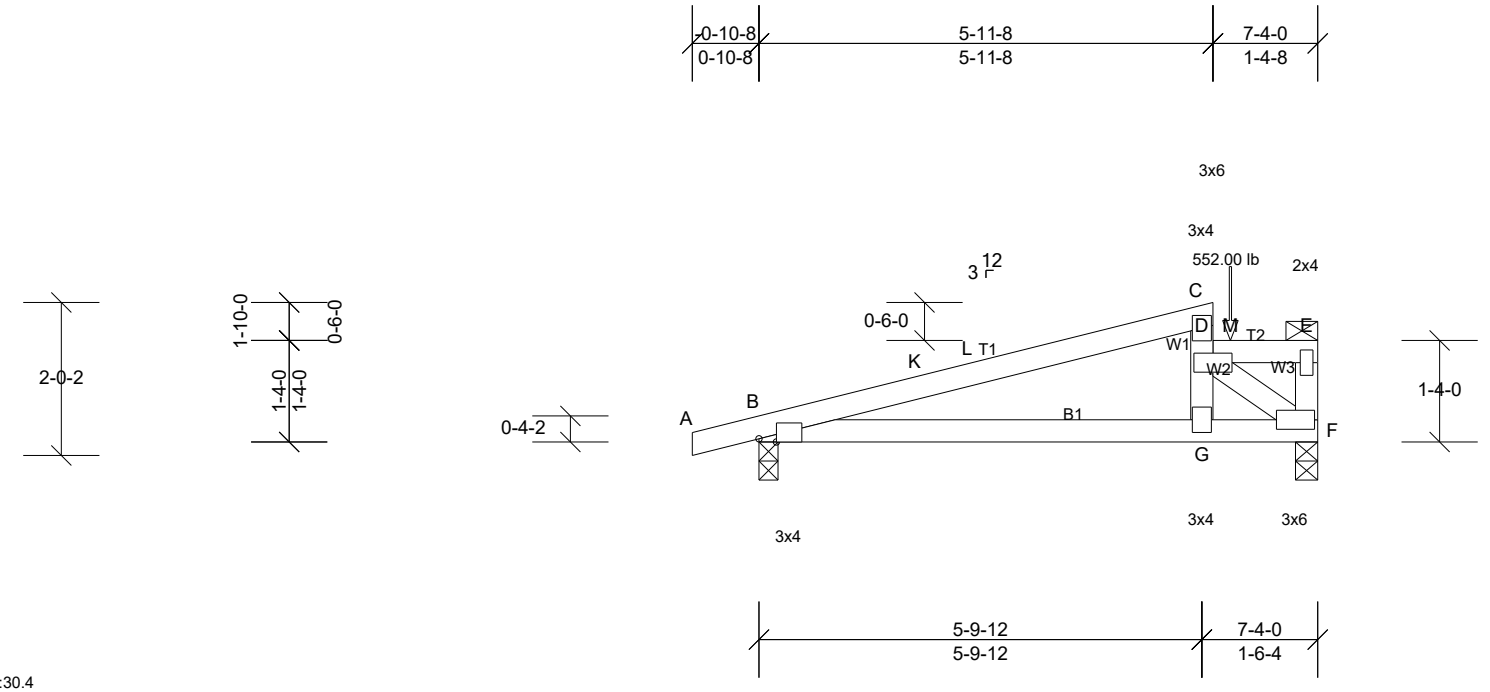

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Plate Offsets (X, Y): [B:0-2-12,Edge]

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	0.44	Vert(LL)	0.09	G-J	>970	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.47	Vert(CT)	-0.08	G-J	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.18	Horz(CT)	0.01	F	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 28 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2 *Except* W2:2x4 SP No.3

REACTIONS (lb/size) B=420/0-3-0, (min. 0-1-8), F=760/0-3-8, (min. 0-1-8)
Max Horiz B=109 (LC 12)
Max Uplift B=-169 (LC 8)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): D-E, D-G.
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.

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

TOP CHORD	B-K=-678/215, K-L=-659/217, C-L=-656/226, D-G=-341/185
BOT CHORD	B-G=-287/637, F-G=-145/751
WEBS	D-F=-870/210

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-10-8 to 2-1-8, Interior (1) 2-1-8 to 7-2-4 zone; cantilever left and right exposed ; end vertical left exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 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 169 lb uplift at joint B.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
8) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
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

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: A-C=-60, D-E=-60, F-H=-20
   Concentrated Loads (lb)
   Vert: M=-552

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	G01	Common Supported Gable	1	1	Job Reference (optional)

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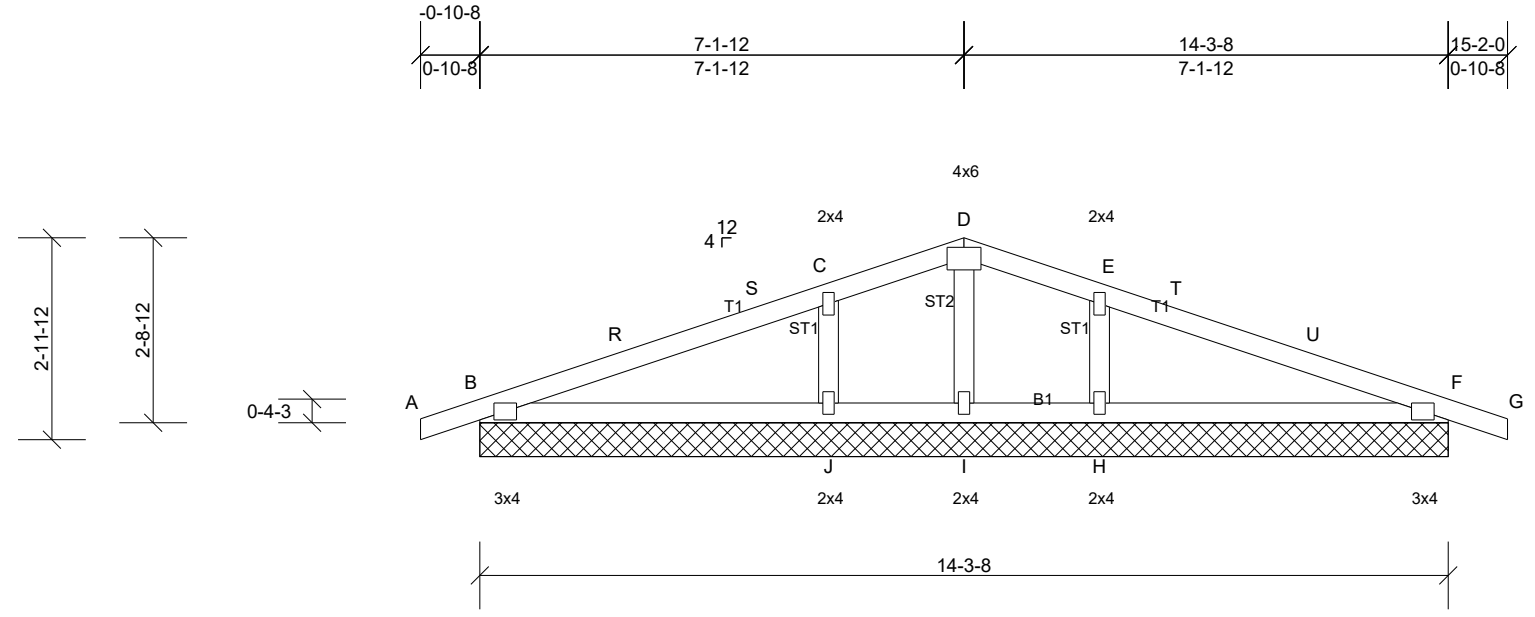

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.23	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	F	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 54 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
OTHERS	2x4 SP No.3

BRACING

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

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

REACTIONS All bearings 14-3-8.

(lb) - Max Horiz B=-60 (LC 13), K=-60 (LC 13)

Max Uplift All uplift 100 (lb) or less at joint(s) except B=-113 (LC 8), F=-120 (LC 9), H=-180 (LC 13), I=-112 (LC 1), J=-181 (LC 12), K=-113 (LC 8), O=-120 (LC 9)

Max Grav All reactions 250 (lb) or less at joint(s) B, F, I, K, O except H=440 (LC 1), J=440 (LC 1)

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

WEBS C-J=-287/322, E-H=-287/322

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Corner (3) -0-10-8 to 2-1-8, Exterior (2) 2-1-8 to 7-1-12, Corner (3) 7-1-12 to 10-1-12, Exterior (2) 10-1-12 to 15-2-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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 112 lb uplift at joint B, 120 lb uplift at joint F, 112 lb uplift at joint I, 181 lb uplift at joint J, 180 lb uplift at joint H, 112 lb uplift at joint B and 120 lb uplift at joint F.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	G02	Common	3	1	Job Reference (optional)

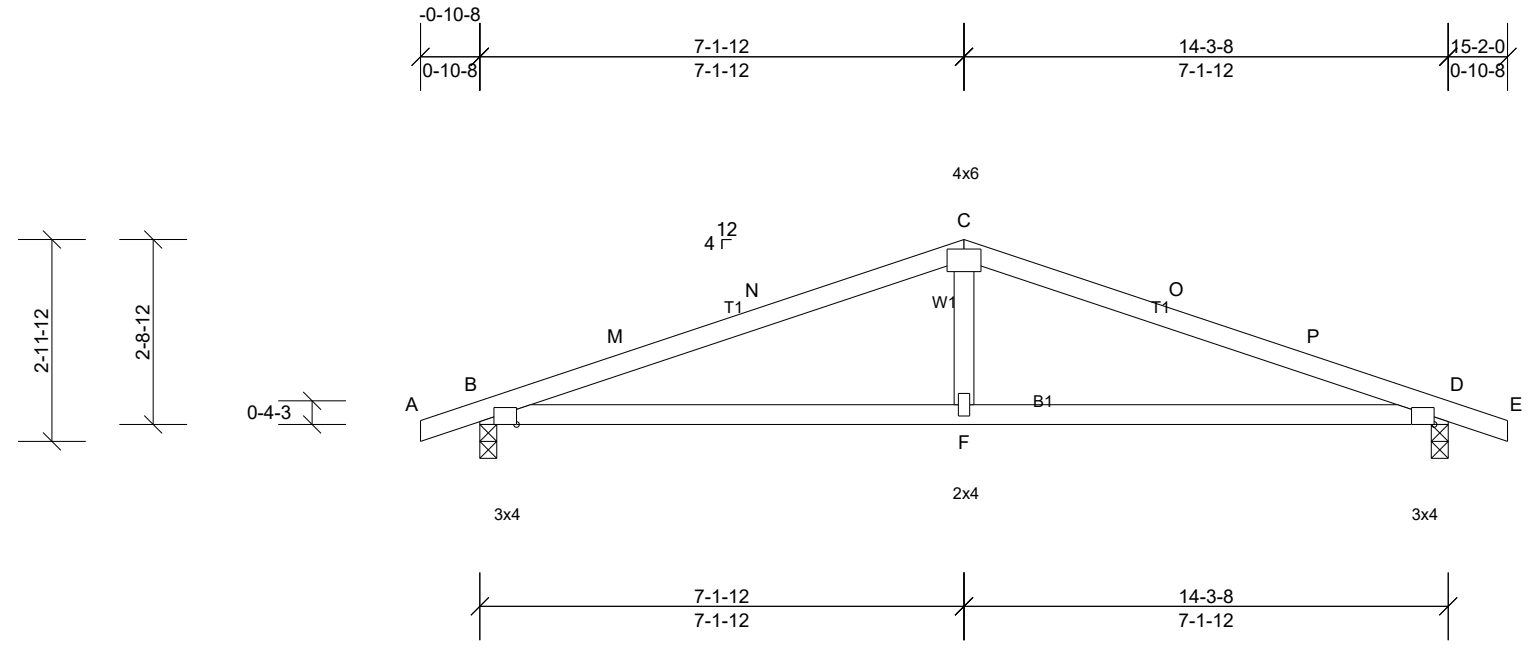

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Plate Offsets (X, Y): [B:0-2-0,Edge], [D:0-2-0,Edge]

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	0.69	Vert(LL)	0.19	F-L	>919	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.67	Vert(CT)	-0.18	F-L	>961	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.02	D	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 50 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-1-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-1-2 oc bracing.

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

REACTIONS (lb/size) B=624/0-3-0, (min. 0-1-8), D=624/0-3-0, (min. 0-1-8)
Max Horiz B=-60 (LC 13)
Max Uplift B=-397 (LC 8), D=-397 (LC 9)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-M=-1079/1209, M-N=-1023/1212, C-N=-1015/1228, C-O=-1015/1228, O-P=-1023/1212, D-P=-1079/1209
BOT CHORD B-F=-1079/971, D-F=-1079/971
WEBS C-F=-476/331

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-10-8 to 2-1-8, Interior (1) 2-1-8 to 7-1-12, Exterior (2) 7-1-12 to 10-1-12, Interior (1) 10-1-12 to 15-2-0 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf 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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 397 lb uplift at joint B and 397 lb uplift at joint D.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	G03	Common	2	1	Job Reference (optional)

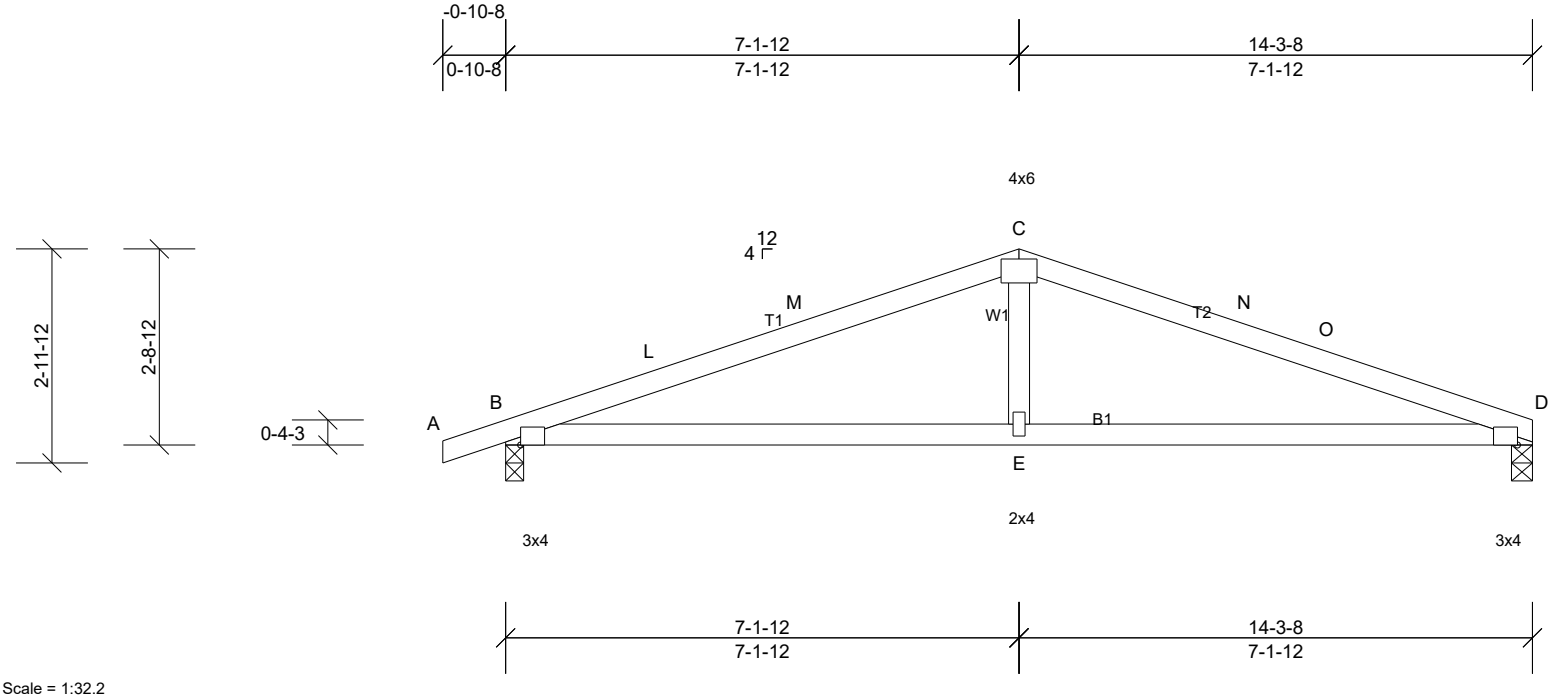

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Plate Offsets (X, Y): [B:0-2-0,Edge], [D:0-2-0,Edge]

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	0.70	Vert(LL)	0.19	E-H	>897	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	-0.19	E-H	>926	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	-0.02	D	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 48 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-11-15 oc bracing.

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

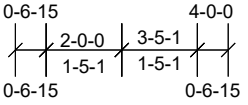
REACTIONS (lb/size) B=626/0-3-0, (min. 0-1-8), D=570/0-3-8, (min. 0-1-8)
Max Horiz B=67 (LC 16)
Max Uplift B=-397 (LC 8), D=-345 (LC 9)

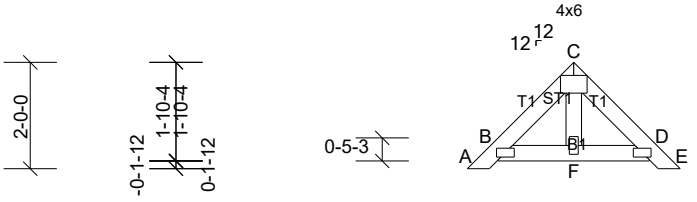
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-L=-1086/1218, L-M=-1030/1223, C-M=-1022/1237, C-N=-1021/1249, N-O=-1030/1233, D-O=-1086/1233
BOT CHORD B-E=-1111/977, D-E=-1111/977
WEBS C-E=-483/332

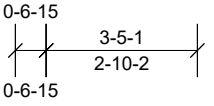
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -0-10-8 to 2-1-8, Interior (1) 2-1-8 to 7-1-12, Exterior (2) 7-1-12 to 10-1-12, Interior (1) 10-1-12 to 14-3-8 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf 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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 345 lb uplift at joint D and 397 lb uplift at joint B.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	PB01	Piggyback	11	1	Job Reference (optional)







Scale = 1:43.5

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	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 14 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

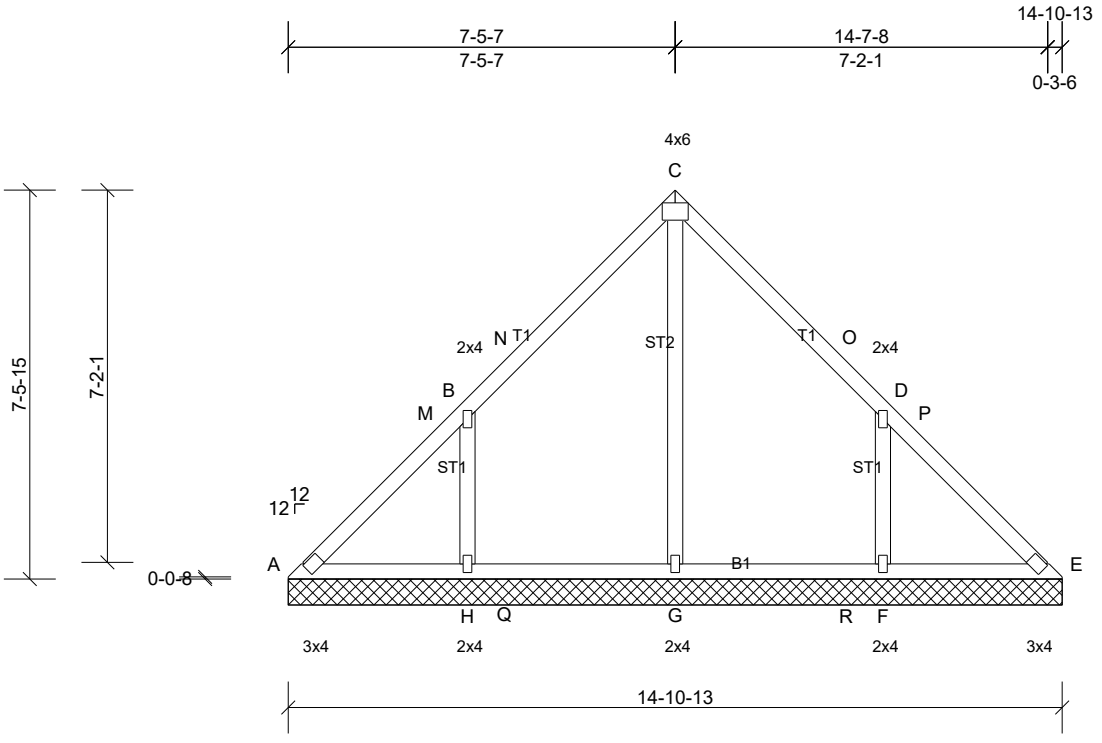
REACTIONS All bearings 4-0-0.
(lb) - Max Horiz A=-60 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) A, B, E, F, G
Max Grav All reactions 250 (lb) or less at joint(s) A, B, E, F, G

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

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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) A, E, B, F, B.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
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	Furr, Mayview B
3894016	V01	Valley	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	0.23	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	0.21	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 71 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

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

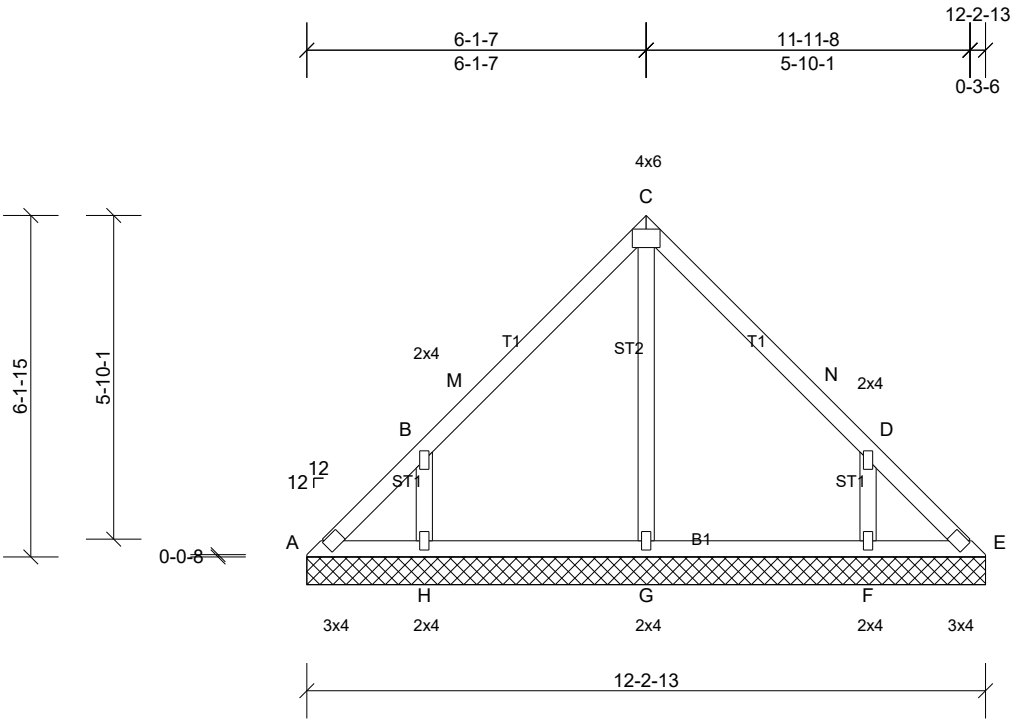
REACTIONS All bearings 14-10-13.
(lb) - Max Horiz A=243 (LC 9)
Max Uplift All uplift 100 (lb) or less at joint(s) A, E except F=-334 (LC 13), H=-340 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) A, E except F=462 (LC 20), G=411 (LC 19), H=470 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS B-H=-414/370, D-F=-414/367

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-0-8 to 3-0-8, Interior (1) 3-0-8 to 7-5-15, Exterior (2) 7-5-15 to 10-5-15, Interior (1) 10-5-15 to 14-11-5 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 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) A, E except (jt=lb) H=340, F=333.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	V02	Valley	1	1	Job Reference (optional)



Scale = 1:41.7

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	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 56 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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.

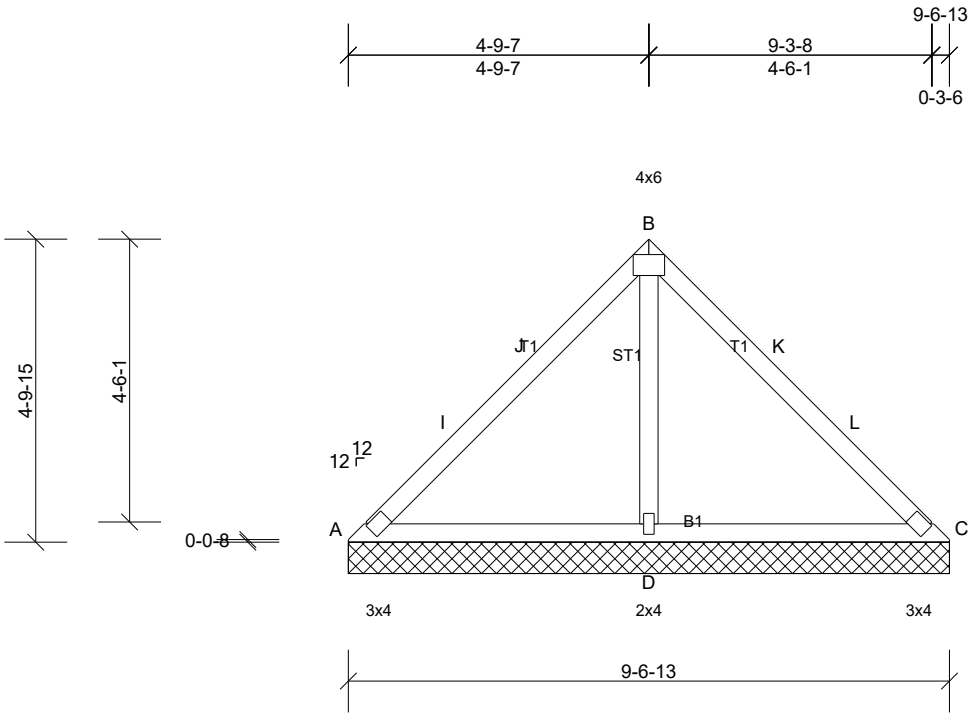
REACTIONS All bearings 12-2-13.
(lb) - Max Horiz A=-199 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) A, E except F=-285 (LC 13), H=-293 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) A, E, G except F=366 (LC 20), H=374 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS B-H=-393/355, D-F=-393/352

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-0-8 to 3-0-8, Interior (1) 3-0-8 to 6-1-15, Exterior (2) 6-1-15 to 9-1-15, Interior (1) 9-1-15 to 12-3-5 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 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) A, E except (jt=lb) H=292, F=285.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	V03	Valley	1	1	Job Reference (optional)



Scale = 1:36.8

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	0.29	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.28	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.24	Horiz(TL)	0.01	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 39 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 9-6-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

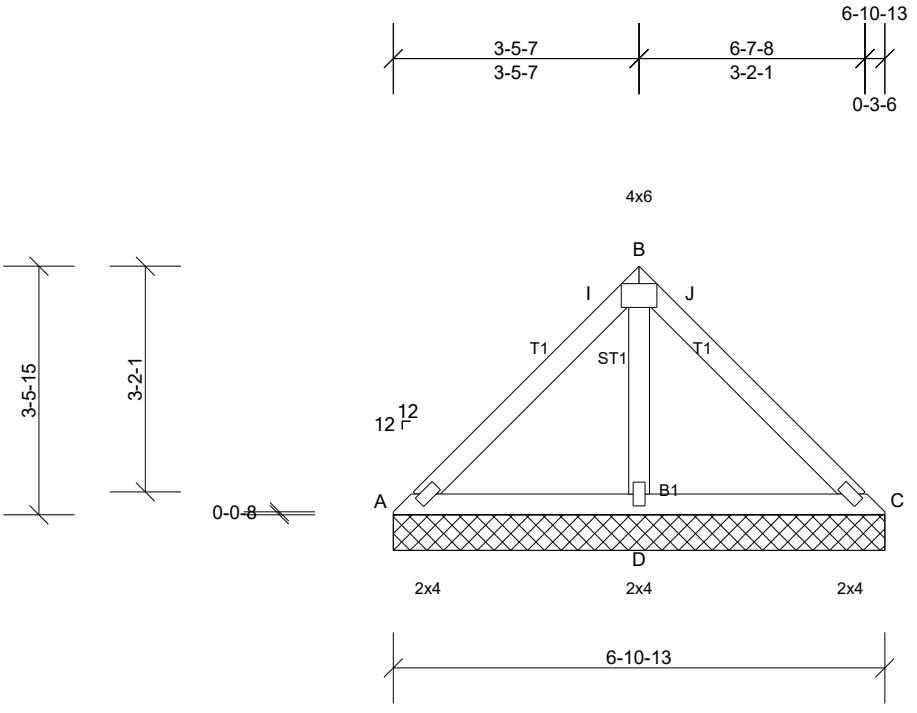
REACTIONS (lb/size) A=43/9-6-13, (min. 0-1-8), C=43/9-6-13, (min. 0-1-8), D=680/9-6-13, (min. 0-1-8)
Max Horiz A=-154 (LC 10)
Max Uplift A=-17 (LC 24), C=-17 (LC 23), D=-285 (LC 12)
Max Grav A=78 (LC 23), C=78 (LC 24), D=680 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD I-J=-141/250, B-J=-139/288, B-K=-136/280, K-L=-138/250
BOT CHORD A-D=-284/223, C-D=-284/223
WEBS B-D=-623/344

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-0-8 to 3-0-8, Interior (1) 3-0-8 to 4-9-15, Exterior (2) 4-9-15 to 7-9-15, Interior (1) 7-9-15 to 9-7-5 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 20.0psf 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 17 lb uplift at joint A, 17 lb uplift at joint C and 285 lb uplift at joint D.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	V04	Valley	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)	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	0.08	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 28 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

REACTIONS (lb/size) A=49/6-10-13, (min. 0-1-8), C=49/6-10-13, (min. 0-1-8), D=455/6-10-13, (min. 0-1-8)
Max Horiz A=110 (LC 9)
Max Uplift D=-184 (LC 12)
Max Grav A=71 (LC 23), C=71 (LC 24), D=455 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS B-D=-371/218

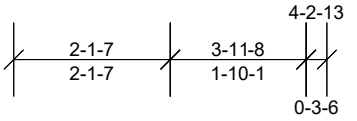
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-10-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

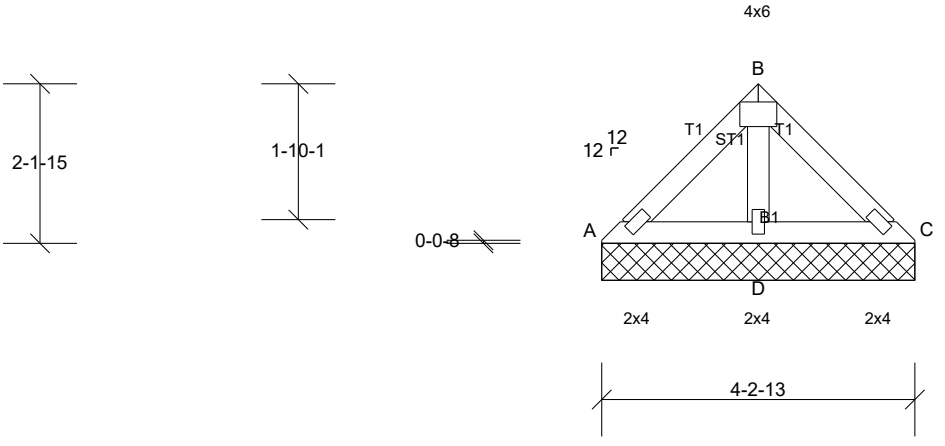
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-0-8 to 3-0-8, Interior (1) 3-0-8 to 3-5-15, Exterior (2) 3-5-15 to 6-3-6, Interior (1) 6-3-6 to 6-11-5 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 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 184 lb uplift at joint D.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	V05	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	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 16 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

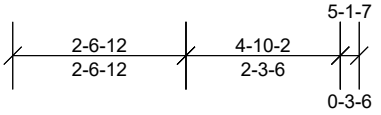
REACTIONS (lb/size) A=51/4-2-13, (min. 0-1-8), C=51/4-2-13, (min. 0-1-8), D=236/4-2-13, (min. 0-1-8)
Max Horiz A=-65 (LC 8)
Max Uplift A=-7 (LC 13), C=-10 (LC 13), D=-79 (LC 12)
Max Grav A=59 (LC 23), C=59 (LC 24), D=236 (LC 1)

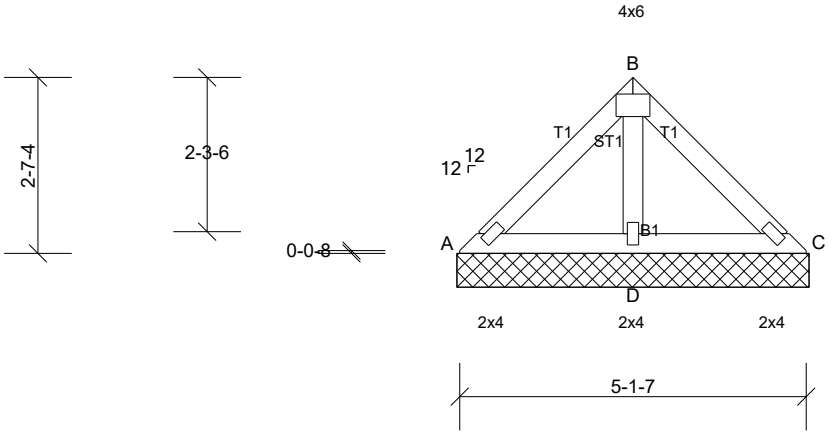
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 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 7 lb uplift at joint A, 10 lb uplift at joint C and 79 lb uplift at joint D.
7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	V06	Valley	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	0.08	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	0.04	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 20 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-1-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

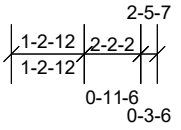
REACTIONS (lb/size) A=51/5-2-7, (min. 0-1-8), C=51/5-2-7, (min. 0-1-8), D=315/5-2-7, (min. 0-1-8)
Max Horiz A=80 (LC 9)
Max Uplift C=-4 (LC 13), D=-113 (LC 12)
Max Grav A=63 (LC 23), C=63 (LC 24), D=315 (LC 1)

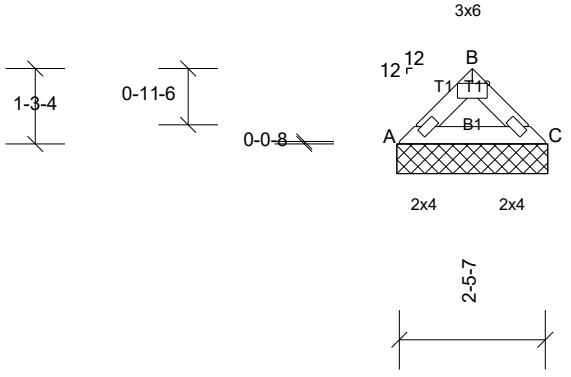
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 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 4 lb uplift at joint C and 113 lb uplift at joint D.
7) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) A, C.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Furr, Mayview B
3894016	V07	Valley	1	1	Job Reference (optional)





Scale = 1:38.9

Plate Offsets (X, Y): [B:0-3-0,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	0.05	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	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 8 lb	FT = 20%

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

REACTIONS (lb/size) A=102/2-6-7, (min. 0-1-8), C=102/2-6-7, (min. 0-1-8)
Max Horiz A=-35 (LC 8)
Max Uplift A=-24 (LC 12), C=-24 (LC 13)

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-5-7 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.

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

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 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 24 lb uplift at joint A and 24 lb uplift at joint C.
7) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) A, C.
8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard