Job	Truss	Truss Type	Qty	Ply	KMB - Cypress plan -
20060074	A	Roof Special	1	1	Job Reference (optional)

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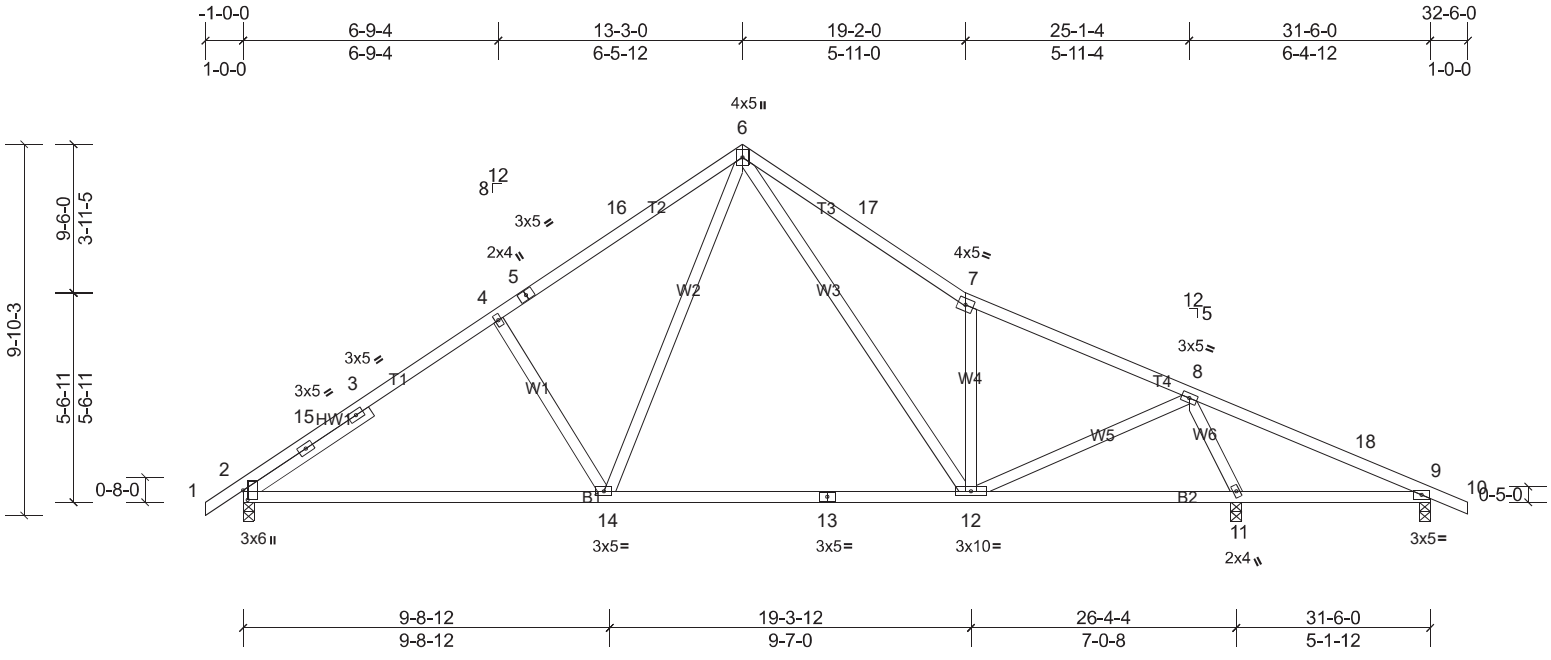


Scale = 1:61.1

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.58	Vert(LL)	-0.05	12-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.23	2-14	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.03	11	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 170 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2 *Except* W4,W6:2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 4-0-2

REACTIONS (lb/size) 2=1074/0-3-8, (min. 0-1-8), 9=37/0-3-8, (min. 0-1-8), 11=1526/0-3-8, (min. 0-1-14)
Max Horiz 2=-59 (LC 4)
Max Uplift 2=-367 (LC 3), 9=-66 (LC 3), 11=-471 (LC 3)
Max Grav 2=1135 (LC 6), 9=37 (LC 1), 11=1598 (LC 6)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-11-5 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 9-11.

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

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

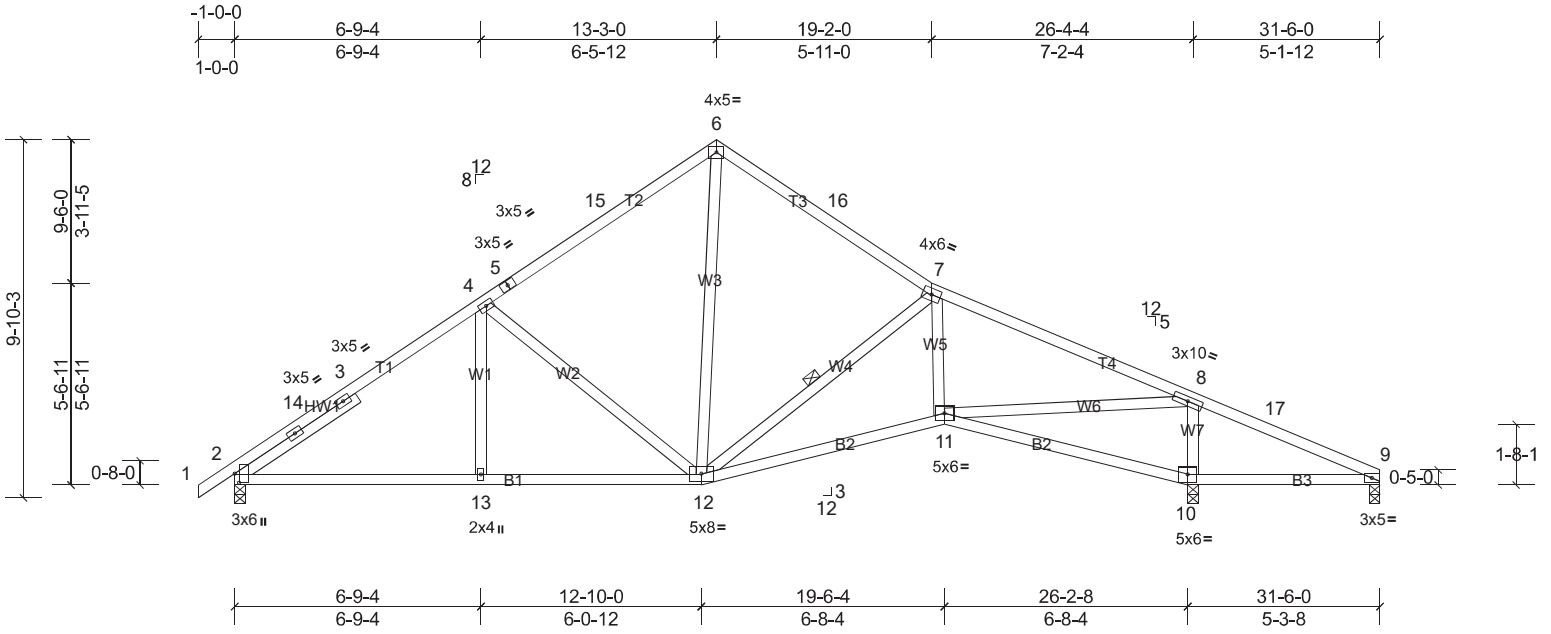
TOP CHORD	2-15=-1490/428, 3-15=-1449/428, 3-4=-1336/429, 4-5=-1331/436, 5-16=-1234/436, 6-16=-1233/436, 6-17=-1283/488, 7-17=-1364/488, 7-8=-1156/353, 8-18=-173/647, 9-18=-173/558
BOT CHORD	2-14=-273/1172, 13-14=-98/724, 12-13=-98/724, 9-11=-535/212
WEBS	4-14=-424/202, 6-14=-187/619, 6-12=-205/487, 7-12=-639/268, 8-12=-217/909, 8-11=-1603/510

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) -1-0-0 to 2-0-0, Interior (1) 2-0-0 to 10-3-0, Exterior (2) 10-3-0 to 16-3-0, Interior (1) 16-3-0 to 29-6-0, Exterior (2) 29-6-0 to 32-6-0; Lumber DOL=1.60 plate grip DOL=1.00
3) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 9. This connection is for uplift only and does not consider lateral forces.
4) One RT16A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 11. This connection is for uplift only and does not consider lateral forces.
5) 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	KMB - Cypress plan ·
20060074	AA	Roof Special	3	1	Job Reference (optional)



Scale = 1:63.4

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.67	Vert(LL)	-0.06	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.18	11-12	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.59	Horz(CT)	0.06	10	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 171 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2 *Except* W1,W5,W7:2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 3-11-15

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-9-5 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 7-12

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

REACTIONS (lb/size) 2=1051/0-3-8, (min. 0-1-8), 9=-92/0-3-8, (min. 0-1-8), 10=1609/0-3-8, (min. 0-2-0)
Max Horiz 2=-57 (LC 4)
Max Uplift 2=-362 (LC 3), 9=-111 (LC 9), 10=-500 (LC 3)
Max Grav 2=1111 (LC 9), 9=7 (LC 3), 10=1677 (LC 9)

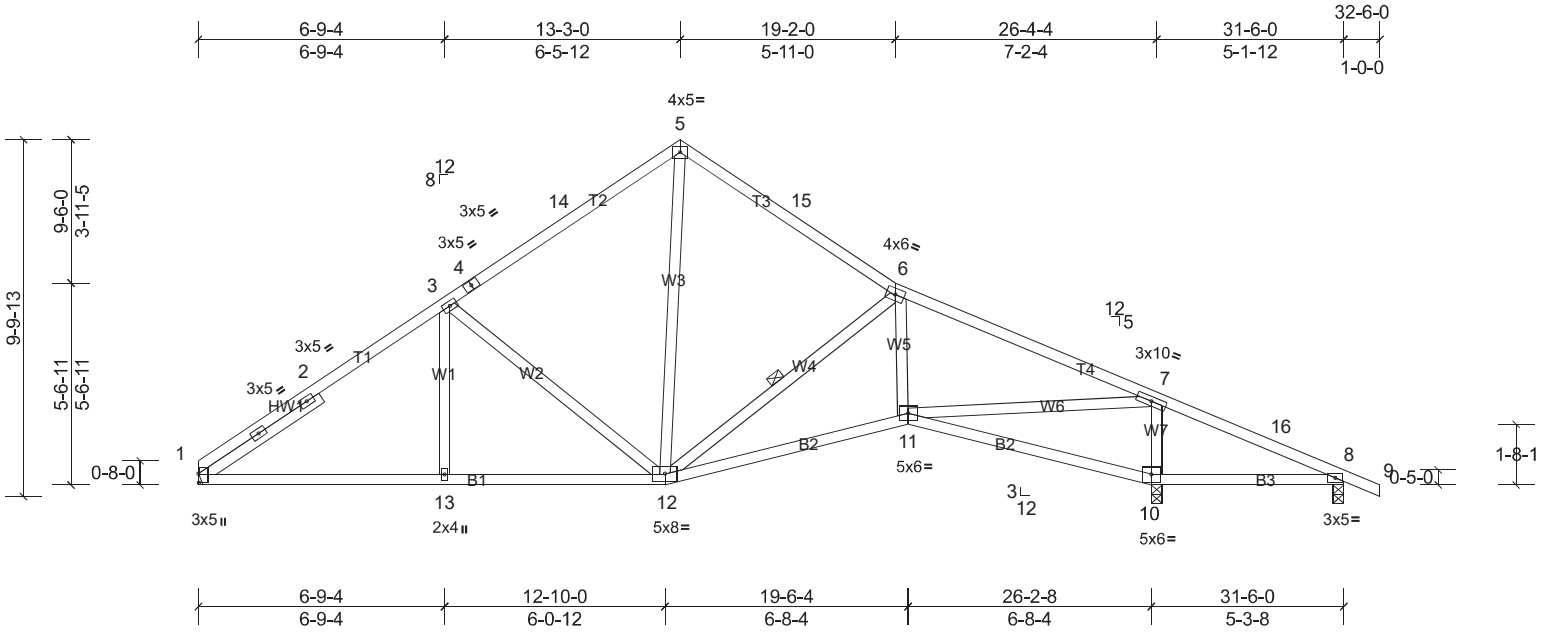
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-14=-1483/418, 3-14=-1441/418, 3-4=-1327/419, 4-5=-1056/352, 5-15=-960/352, 6-15=-959/352, 6-16=-923/339, 7-16=-1004/339, 7-8=-1497/420, 8-17=-153/663, 9-17=-153/593
BOT CHORD 2-13=-275/1160, 12-13=-275/1160, 11-12=-293/1321, 10-11=-673/201, 9-10=-547/166
WEBS 4-12=-566/215, 6-12=-220/638, 7-12=-749/244, 8-11=-479/1921, 8-10=-1387/446

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) -1-0-0 to 2-0-0, Interior (1) 2-0-0 to 10-3-0, Exterior (2) 10-3-0 to 16-3-0, Interior (1) 16-3-0 to 28-4-4, Exterior (2) 28-4-4 to 31-4-4; Lumber DOL=1.60 plate grip DOL=1.00
3) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 9 and 2. This connection is for uplift only and does not consider lateral forces.
4) One RT16A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10. This connection is for uplift only and does not consider lateral forces.
5) 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	KMB - Cypress plan -
20060074	AA1	Roof Special	5	1	Job Reference (optional)



Scale = 1:63.4

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.66	Vert(LL)	-0.06	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.18	11-12	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.59	Horz(CT)	0.06	10	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 171 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2 *Except* W1,W5,W7:2x4 SP No.3
SLIDER Left 2x4 SP No.3 -- 3-11-15

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-8-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-12

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

REACTIONS (lb/size) 1=990/ Mechanical, (min. 0-1-8), 8=-14/0-3-8, (min. 0-1-8), 10=1601/0-3-8, (min. 0-2-0)
Max Horiz 1=-66 (LC 4)
Max Uplift 1=-323 (LC 3), 8=-73 (LC 4), 10=-481 (LC 3)
Max Grav 1=1075 (LC 6), 8=-14 (LC 1), 10=1672 (LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1485/427, 2-3=-1330/428, 3-4=-1058/358, 4-14=-961/358, 5-14=-960/358, 5-15=-924/344, 6-15=-1005/344, 6-7=-1499/425, 7-16=-139/663, 8-16=-139/595
BOT CHORD 1-13=-274/1165, 12-13=-274/1165, 11-12=-287/1325, 10-11=-673/205, 8-10=-547/170
WEBS 3-12=-569/224, 5-12=-227/640, 6-12=-751/245, 7-11=-476/1925, 7-10=-1384/430

NOTES
1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) 0-0-0 to 3-0-0, Interior (1) 3-0-0 to 10-3-0, Exterior (2) 10-3-0 to 16-3-0, Interior (1) 16-3-0 to 29-6-0, Exterior (2) 29-6-0 to 32-6-0; Lumber DOL=1.60 plate grip DOL=1.00
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 323 lb uplift at joint 1.
5) One RT16A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10. This connection is for uplift only and does not consider lateral forces.
6) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 8. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan -
20060074	B	Roof Special	6	1	Job Reference (optional)

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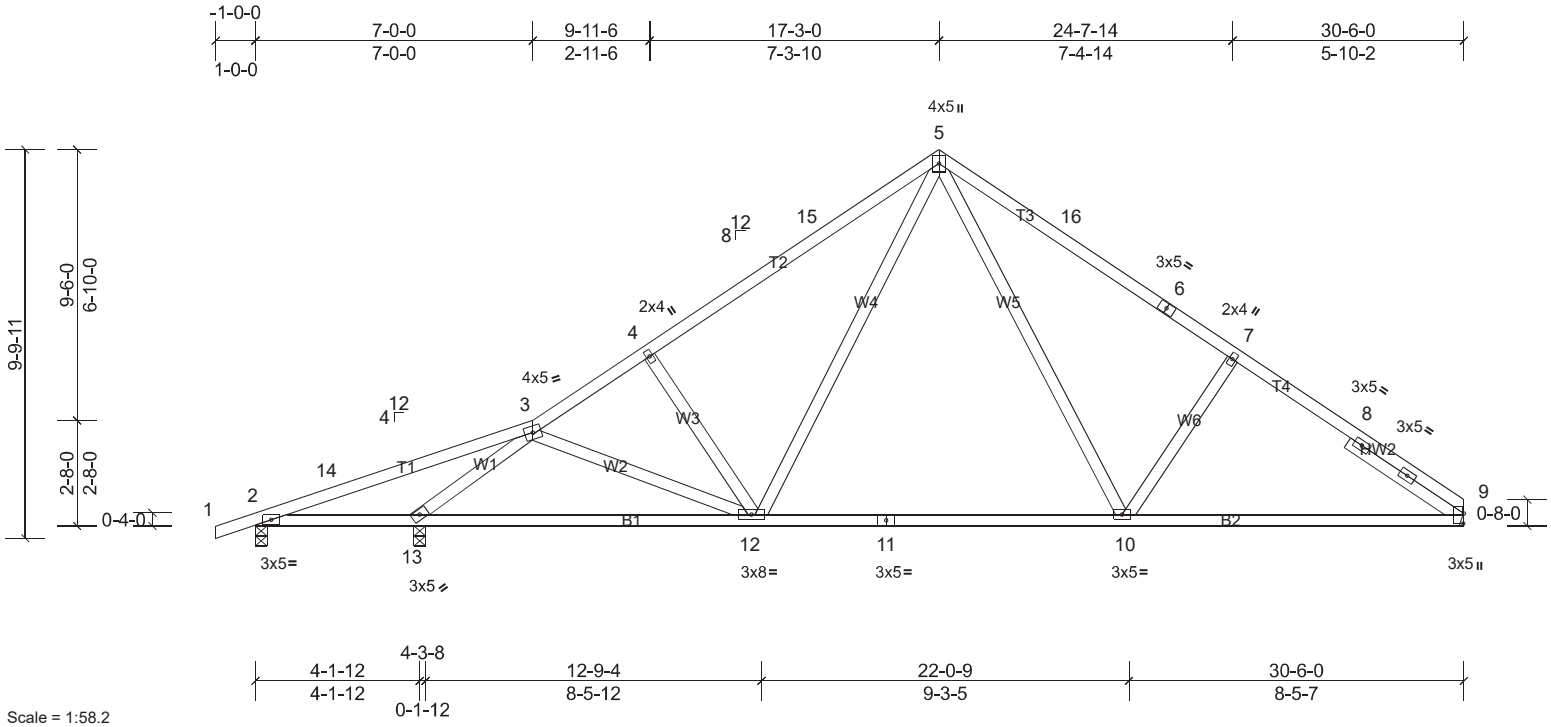

Scale = 1:58.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.87	Vert(LL)	-0.06	10-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.22	10-12	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.04	9	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 164 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W4,W5,W2:2x4 SP No.2
SLIDER	Right 2x4 SP No.3 -- 3-5-7

BRACING

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-13.

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

REACTIONS (lb/size) 2=96/0-3-8, (min. 0-1-8), 9=1043/ Mechanical, (min. 0-1-8), 13=1358/0-3-8, (min. 0-1-11)
Max Horiz 2=31 (LC 4)
Max Uplift 2=-97 (LC 3), 9=-337 (LC 3), 13=-407 (LC 3)
Max Grav 2=96 (LC 1), 9=1142 (LC 9), 13=1451 (LC 9)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-14=-149/486, 3-14=-149/567, 3-4=-1503/459, 4-15=-1439/466, 5-15=-1318/466, 5-16=-1351/474, 6-16=-1367/474, 6-7=-1475/474, 7-8=-1492/474, 8-9=-1623/472
BOT CHORD 2-13=-520/181, 12-13=-316/1100, 11-12=-132/750, 10-11=-132/750, 9-10=-335/1248
WEBS 3-13=-2046/628, 4-12=-396/185, 5-12=-177/534, 5-10=-194/606, 7-10=-415/206

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) -1-0-0 to 2-0-0, Interior (1) 2-0-0 to 14-3-0, Exterior (2) 14-3-0 to 20-3-0, Interior (1) 20-3-0 to 27-6-0, Exterior (2) 27-6-0 to 30-6-0; Lumber DOL=1.60 plate grip DOL=1.00
3) All plates are 3x5 MT20 unless otherwise indicated.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 337 lb uplift at joint 9.
6) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.
7) One RT16A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 13. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan -
20060074	B1	Common	6	1	Job Reference (optional)

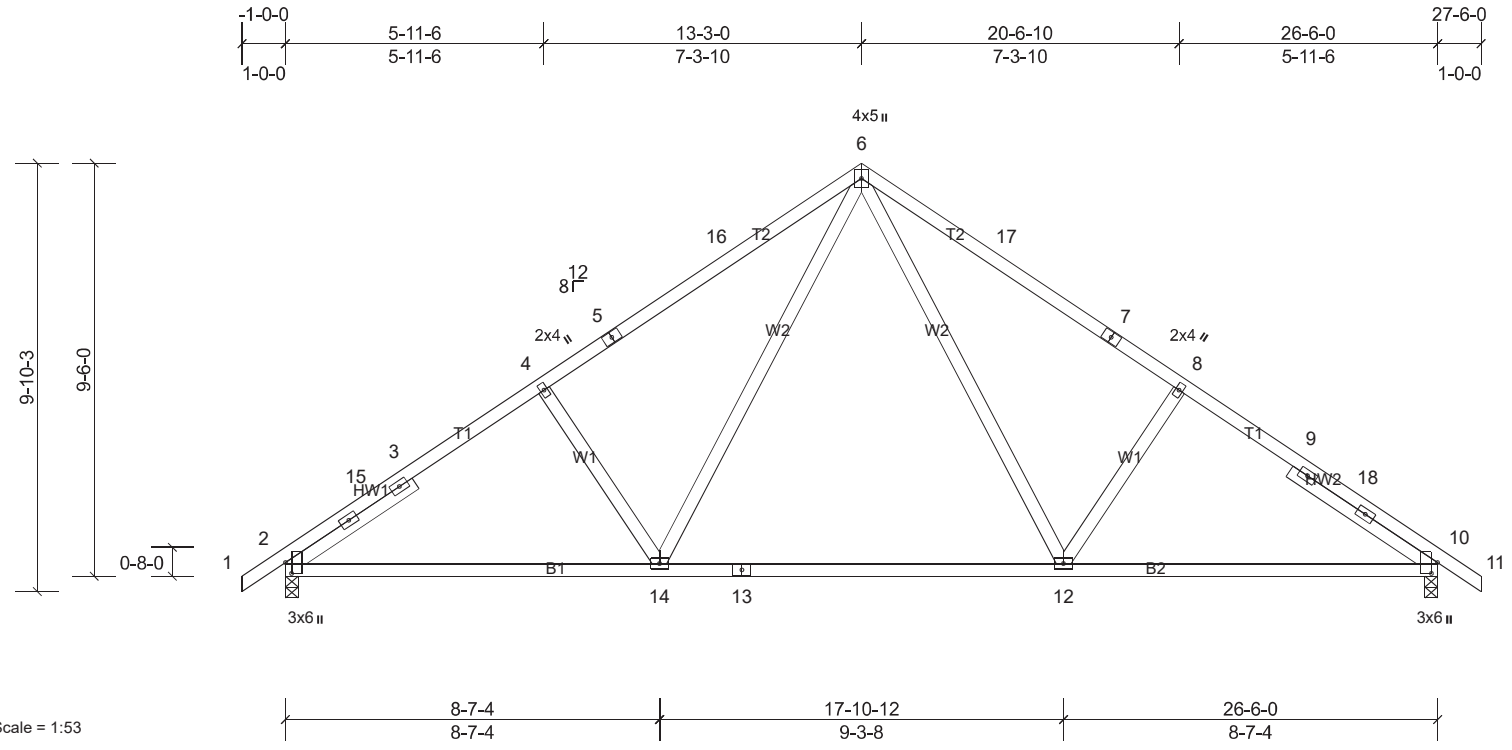

Plate Offsets (X, Y): [2:0-3-1,0-1-11], [10:0-3-1,0-1-11]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.84	Vert(LL)	-0.06	12-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.58	Vert(CT)	-0.19	12-14	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.04	10	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 146 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2 *Except* W1:2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 3-6-3, Right 2x4 SP No.3 -- 4-0-2

REACTIONS (lb/size) 2=1120/0-3-8, (min. 0-1-8), 10=1120/0-3-8, (min. 0-1-8)
Max Horiz 2=0 (LC 3)
Max Uplift 2=-382 (LC 3), 10=-382 (LC 3)
Max Grav 2=1199 (LC 6), 10=1199 (LC 6)

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.

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

TOP CHORD	2-15=-1647/469, 3-15=-1603/469, 3-4=-1513/471, 4-5=-1503/474, 5-16=-1397/474, 6-16=-1381/474, 6-17=-1382/474, 7-17=-1397/474, 7-8=-1504/474, 8-9=-1514/471, 9-18=-1604/469, 10-18=-1647/469
BOT CHORD	2-14=-317/1269, 13-14=-124/776, 12-13=-124/776, 10-12=-317/1269
WEBS	6-12=-188/599, 8-12=-412/200, 6-14=-188/598, 4-14=-412/200

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) -1-0-0 to 2-0-0, Interior (1) 2-0-0 to 10-3-0, Exterior (2) 10-3-0 to 16-3-0, Interior (1) 16-3-0 to 24-6-0, Exterior (2) 24-6-0 to 27-6-0; Lumber DOL=1.60 plate grip DOL=1.00
3) All plates are 3x5 MT20 unless otherwise indicated.
4) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 10. This connection is for uplift only and does not consider lateral forces.
5) 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	KMB - Cypress plan -
20060074	BA	Roof Special	1	1	Job Reference (optional)

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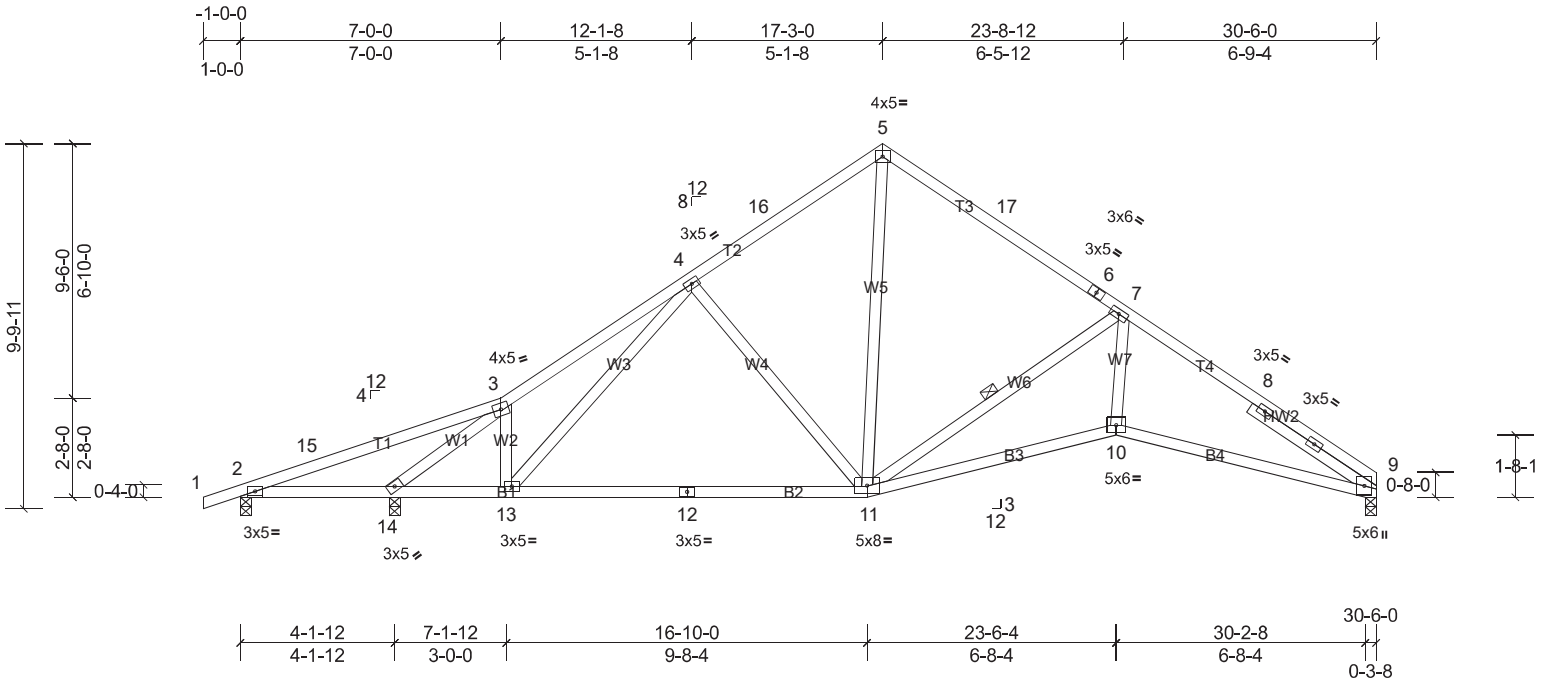


Scale = 1:61.9

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.67	Vert(LL)	-0.09	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.36	11-13	>872	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.11	9	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 167 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2 *Except* W2,W7,W1:2x4 SP No.3
SLIDER	Right 2x4 SP No.3 -- 4-0-7

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-8-6 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 7-11

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

REACTIONS (lb/size) 2=13/0-3-8, (min. 0-1-8), 9=1028/0-3-8, (min. 0-1-8), 14=1451/0-3-8, (min. 0-1-13)
Max Horiz 2=32 (LC 4)
Max Uplift 2=-67 (LC 4), 9=-333 (LC 3), 14=-444 (LC 3)
Max Grav 2=13 (LC 1), 9=1125 (LC 9), 14=1554 (LC 9)

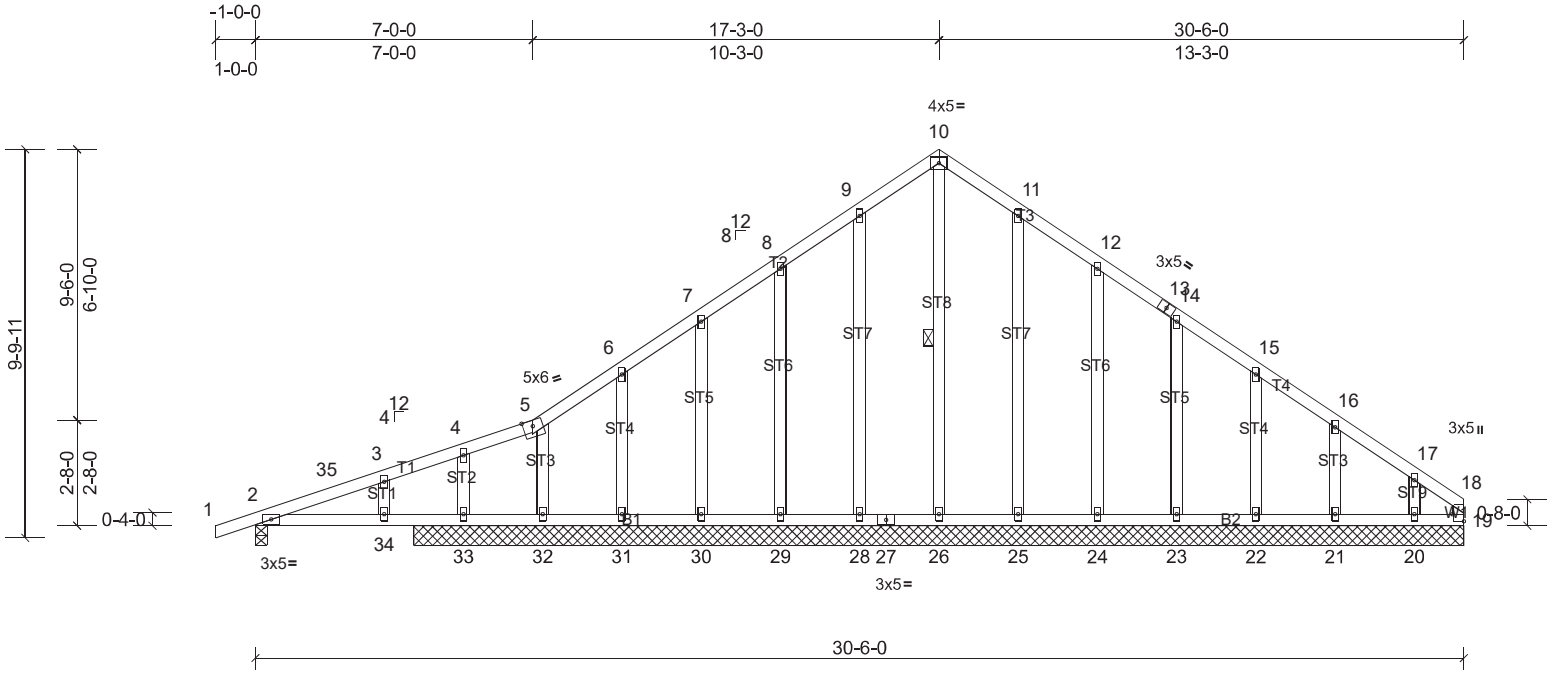
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-229/791, 3-15=-229/872, 3-4=-1409/443, 4-16=-1131/384, 5-16=-1057/384, 5-17=-1003/359, 6-17=-1006/359, 6-7=-1100/359, 7-8=-2099/621, 8-9=-2254/620
BOT CHORD 2-14=-807/260, 13-14=-265/1043, 12-13=-234/979, 11-12=-234/979, 10-11=-468/1864, 9-10=-452/1794
WEBS 4-11=-370/174, 5-11=-263/768, 7-11=-1326/418, 7-10=-224/1007, 3-14=-2337/663

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) -1-0-0 to 2-0-0, Interior (1) 2-0-0 to 14-3-0, Exterior (2) 14-3-0 to 20-3-0, Interior (1) 20-3-0 to 27-5-2, Exterior (2) 27-5-2 to 30-5-2; Lumber DOL=1.60 plate grip DOL=1.00
3) All plates are 3x5 MT20 unless otherwise indicated.
4) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 9. This connection is for uplift only and does not consider lateral forces.
6) One RT16A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 14. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan -
20060074	BE	Roof Special Supported Gable	1	1	Job Reference (optional)



Scale = 1:58.2

Plate Offsets (X, Y): [18:Edge,0-3-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.20	Vert(LL)	-0.02	2-34	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	-0.04	2-34	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.00	19	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 193 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3 *Except* ST8,ST7,ST6:2x4 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.
WEBS	1 Row at midpt 10-26

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

REACTIONS All bearings 26-6-0. except 2=0-3-8
(lb) - Max Horiz 2=55 (LC 3)
Max Uplift All uplift 100 (lb) or less at joint(s) 19, 21, 22, 23, 24, 25, 26, 28, 29, 30, 32 except 2=-150 (LC 3), 20=-113 (LC 3), 31=-107 (LC 3), 33=-199 (LC 3)
Max Grav All reactions 250 (lb) or less at joint(s) 19, 20, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 32 except 2=253 (LC 1), 33=414 (LC 6)

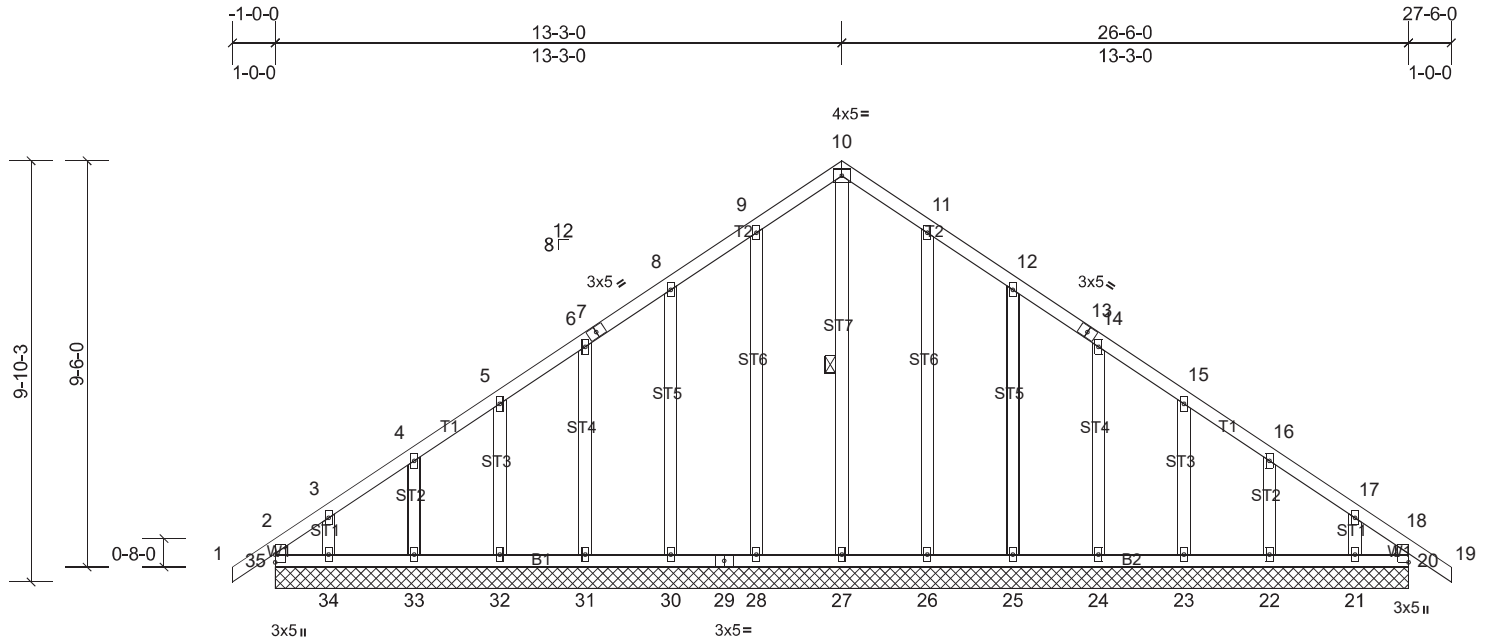
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Corner (3) -1-0-0 to 2-0-0, Exterior (2) 2-0-0 to 14-3-0, Corner (3) 14-3-0 to 20-3-0, Exterior (2) 20-3-0 to 27-3-0, Corner (3) 27-3-0 to 30-4-4; Lumber DOL=1.60 plate grip DOL=1.00
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 studs spaced at 2-0-0 oc.
6) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 19, 2, 26, 28, 29, 30, 31, 32, 33, 25, 24, 23, 22, 21, and 20. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan -
20060074	BE1	Common Supported Gable	1	1	Job Reference (optional)



Scale = 1:53.9

26-6-0

Plate Offsets (X, Y): [20:Edge,0-3-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.00	20	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 181 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3 *Except* ST7,ST6,ST5:2x4 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.
WEBS	1 Row at midpt 10-27

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

REACTIONS All bearings 26-6-0.

(lb) - Max Uplift All uplift 100 (lb) or less at joint(s) 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35

Max Grav All reactions 250 (lb) or less at joint(s) 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35

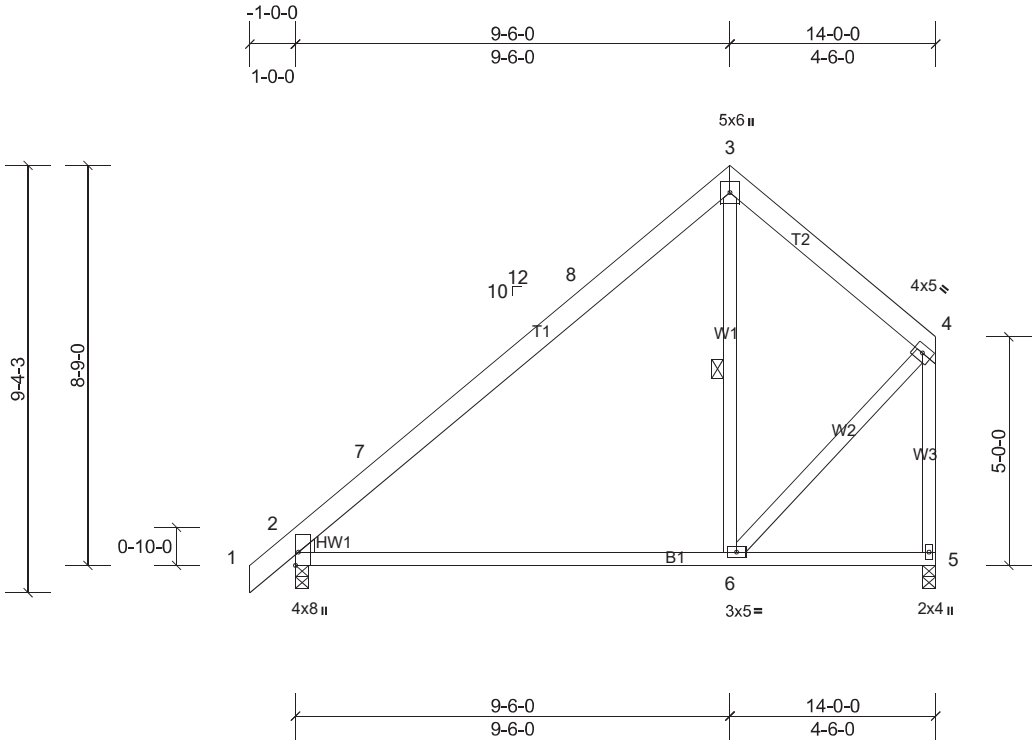
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Corner (3) -1-0-0 to 2-0-0, Exterior (2) 2-0-0 to 10-3-0, Corner (3) 10-3-0 to 16-3-0, Exterior (2) 16-3-0 to 24-6-0, Corner (3) 24-6-0 to 27-6-0; Lumber DOL=1.60 plate grip DOL=1.00
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) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 2-0-0 oc.
8) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 35, 20, 27, 28, 30, 31, 32, 33, 34, 26, 25, 24, 23, 22, and 21. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan
20060074	C	Common	2	1	Job Reference (optional)



Scale = 1:50.4

Plate Offsets (X, Y): [2:Edge,0-0-13]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.65	Vert(LL)	-0.06	2-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.27	2-6	>600	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 96 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2 *Except* W3:2x4 SP No.3
WEDGE	Left: 2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 3-6

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

REACTIONS (lb/size) 2=620/0-3-8, (min. 0-1-8), 5=546/0-3-8, (min. 0-1-8)
Max Horiz 2=138 (LC 3)
Max Uplift 2=-222 (LC 3), 5=-211 (LC 3)
Max Grav 2=631 (LC 6), 5=617 (LC 6)

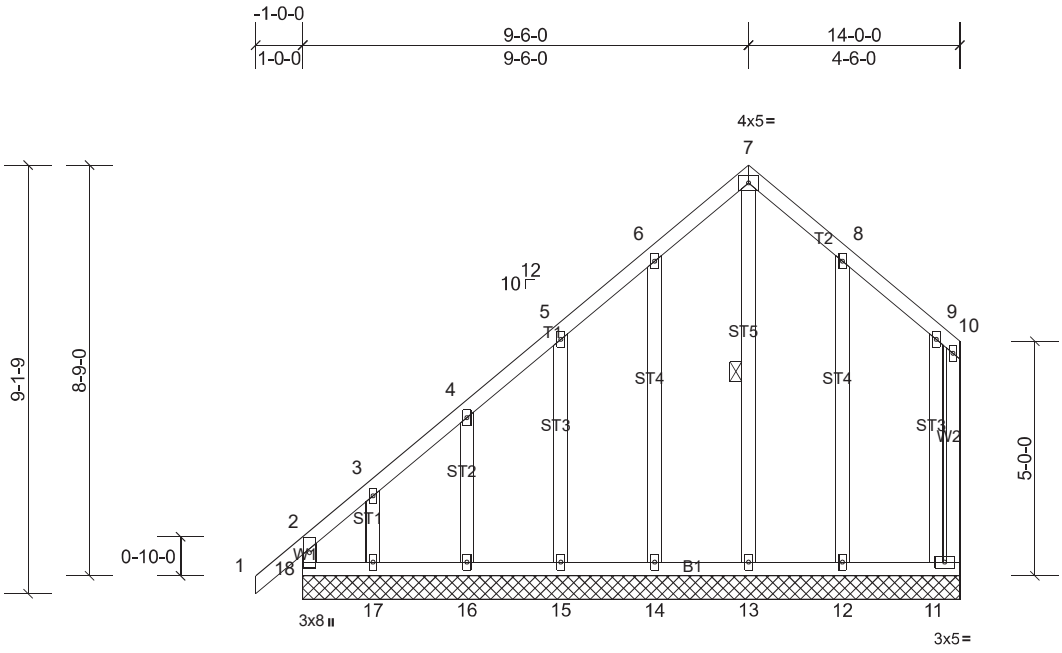
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-465/92, 7-8=-347/92, 3-8=-278/92, 3-4=-402/145, 4-5=-617/217
BOT CHORD 2-6=-81/275
WEBS 4-6=-119/406

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) -1-0-0 to 2-0-0, Interior (1) 2-0-0 to 6-6-0, Exterior (2) 6-6-0 to 13-10-4; Lumber DOL=1.60 plate grip DOL=1.00
3) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 5. This connection is for uplift only and does not consider lateral forces.
4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	KMB - Cypress plan -
20060074	CE	Common Supported Gable	1	1	Job Reference (optional)



Scale = 1:49.1

14-0-0

Loading	(psf)	Spacing	1-11-4	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.00	11	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 111 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3 *Except* ST5,ST4:2x4 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.
WEBS	1 Row at midpt 7-13

REACTIONS All bearings 14-0-0.
(lb) - Max Horiz 18=160 (LC 3)
Max Uplift All uplift 100 (lb) or less at joint(s) 11, 14, 16, 18 except 12=-101 (LC 3), 15=-101 (LC 3), 17=-141 (LC 3)
Max Grav All reactions 250 (lb) or less at joint(s) 11, 12, 13, 14, 15, 16, 17, 18

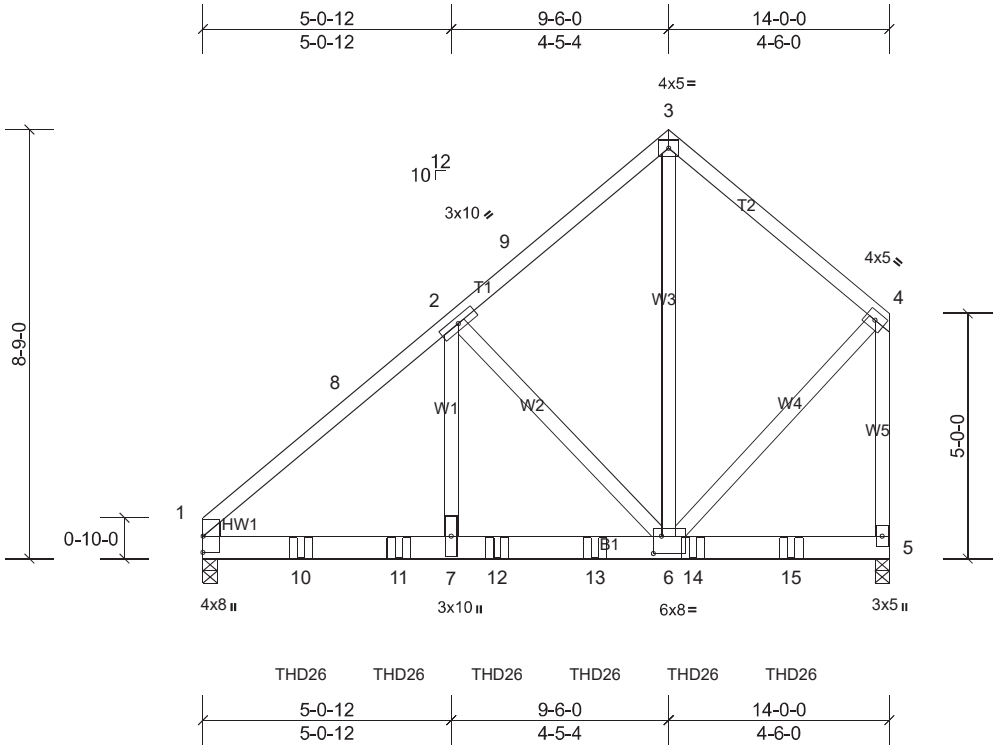
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Corner (3) -1-0-0 to 2-0-0, Exterior (2) 2-0-0 to 6-6-0, Corner (3) 6-6-0 to 13-10-4; Lumber DOL=1.60 plate grip DOL=1.00
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) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 2-0-0 oc.
8) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 18, 14, 15, 16, 17, and 12. This connection is for uplift only and does not consider lateral forces.
9) One RT16A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 11. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan -
20060074	CG	Common Girder	1	**2**	Job Reference (optional)



Scale = 1:47

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

Loading	(psf)	**Spacing**	1-11-4	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.39	Vert(LL)	-0.05	1-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.10	1-7	>999	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.51	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 207 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2 *Except* W5,W1:2x4 SP No.3
WEDGE	Left: 2x4 SP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-8-10 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=3602/0-3-8, (min. 0-2-3), 5=3602/0-3-8, (min. 0-2-3)
Max Horiz 1=120 (LC 7)
Max Grav 1=3731 (LC 6), 5=3760 (LC 6)

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

TOP CHORD	1-8=-4272/0, 2-8=-4189/0, 2-9=-2203/0, 3-9=-2125/0, 3-4=-2185/0, 4-5=-3185/0
BOT CHORD	1-10=0/3124, 10-11=0/3124, 7-11=0/3124, 7-12=0/3124, 12-13=0/3124, 6-13=0/3124
WEBS	3-6=0/2442, 4-6=0/2301, 2-7=0/2770, 2-6=-2208/0

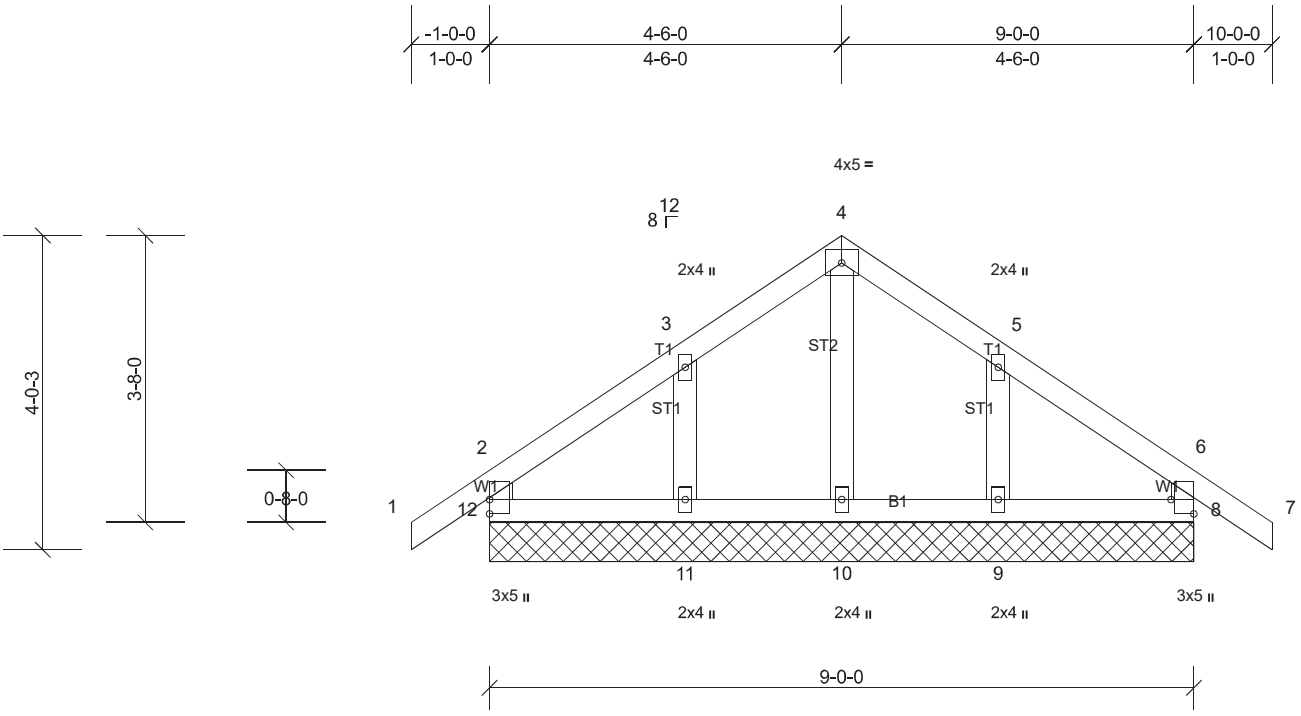
NOTES

1) 2-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 0-9-0 oc.
   Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) This truss has been checked for uniform roof live load only, except as noted.
4) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) 0-1-12 to 3-1-12, Interior (1) 3-1-12 to 6-6-0, Exterior (2) 6-6-0 to 13-10-4; Lumber DOL=1.60 plate grip DOL=1.00
5) 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.
6) Use USP THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-0-0 from the left end to 12-0-0 to connect truss(es) B (1 ply 2x4 SP) to back face of bottom chord.
7) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (lb/ft)
   Vert: 1-3=-58, 3-4=-58, 1-5=-19
   Concentrated Loads (lb)
   Vert: 10=-1024 (B), 11=-1024 (B), 12=-1024 (B), 13=-1024 (B), 14=-1024 (B), 15=-1024 (B)

Job	Truss	Truss Type	Qty	Ply	KMB - Cypress plan ·
20060074	DE	Common Supported Gable	1	1	Job Reference (optional)



Scale = 1:29.4

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 44 lb	FT = 20%

LUMBER

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

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 All bearings 9-0-0.
(lb) - Max Uplift All uplift 100 (lb) or less at joint(s) except 8=-101 (LC 3), 9=-102 (LC 3), 11=-102 (LC 3), 12=-101 (LC 3)
Max Grav All reactions 250 (lb) or less at joint(s) 8, 9, 10, 11, 12

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

NOTES
1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Corner (3); Lumber DOL=1.60 plate grip DOL=1.00
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) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 2-0-0 oc.
7) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 12, 8, 11, and 9. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan -
20060074	DG	Common Girder	1	**2**	Job Reference (optional)

Carter Components - Sanford, Sanford, NC, user — Run: 8.41 S Jul 8 2020 Print: 8.410 S Jul 8 2020 MiTek Industries, Inc. Wed Jul 22 10:34:59 — Page: 1

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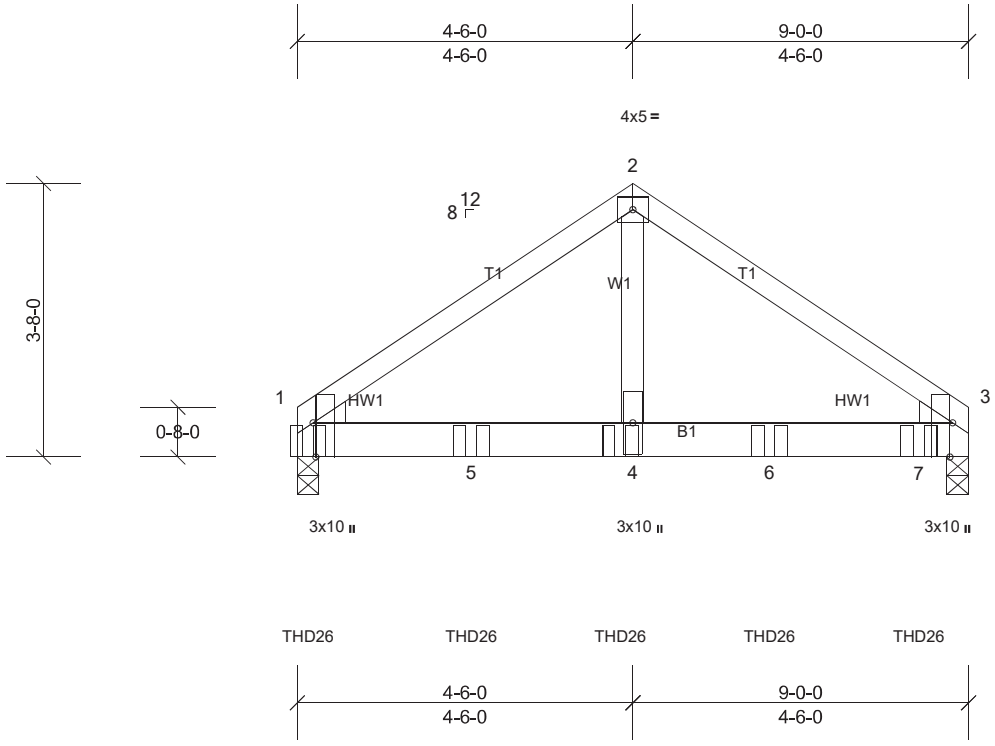

Scale = 1:30.9

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

Loading	(psf)	**Spacing**	1-11-4	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.42	Vert(LL)	-0.02	3-4	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.04	3-4	>999	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.49	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 86 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP 2400F 2.0E
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 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=2868/0-3-8, (min. 0-1-8), 3=2674/0-3-8, (min. 0-1-8)
Max Grav 1=2963 (LC 6), 3=2765 (LC 6)

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

TOP CHORD	1-2=-2482/0, 2-3=-2482/0
BOT CHORD	1-5=0/1916, 4-5=0/1916, 4-6=0/1916, 6-7=0/1916, 3-7=0/1916
WEBS	2-4=0/2625

NOTES

1) 2-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) This truss has been checked for uniform roof live load only, except as noted.
4) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2); Lumber DOL=1.60 plate grip DOL=1.00
5) 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.
6) Use USP THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-2-4 oc max. starting at 0-1-12 from the left end to 8-4-0 to connect truss(es) AA1 (1 ply 2x4 SP) to front face of bottom chord.
7) Fill all nail holes where hanger is in contact with lumber.
8) WARNING: The following hangers are manually applied but fail due to geometric considerations: THD26 on front face at 0-1-12 from the left end.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.00
   Uniform Loads (lb/ft)
   Vert: 1-2=-58, 2-3=-58, 1-3=-19
   Concentrated Loads (lb)
   Vert: 4=-971 (F), 1=-979 (F), 5=-971 (F), 6=-971 (F), 7=-975 (F)

Job	Truss	Truss Type	Qty	Ply	KMB - Cypress plan
20060074	E	Roof Special	7	1	Job Reference (optional)

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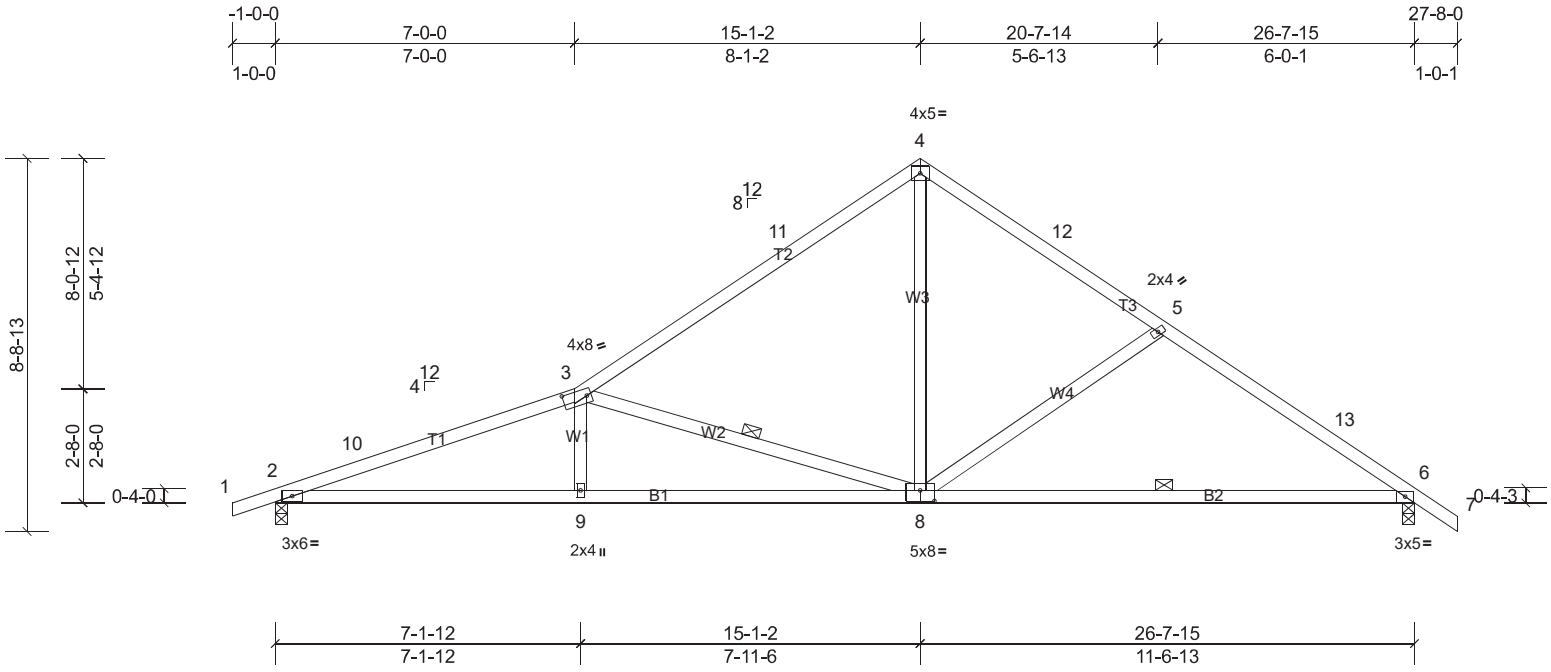

Scale = 1:53.9

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	1.00	Vert(LL)	-0.13	9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.58	6-8	>543	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.08	6	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 126 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.1 *Except* T3:2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2 *Except* W1:2x4 SP No.3

REACTIONS (lb/size) 2=1124/0-3-8, (min. 0-1-8), 6=1124/0-3-8, (min. 0-1-8)
Max Horiz 2=18 (LC 4)
Max Uplift 2=-404 (LC 3), 6=-388 (LC 3)
Max Grav 2=1156 (LC 6), 6=1189 (LC 6)

BRACING

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing. Except: 10-0-0 oc bracing: 6-8
WEBS	1 Row at midpt 3-8

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

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

TOP CHORD	2-10=-2718/782, 3-10=-2669/782, 3-11=-1349/388, 4-11=-1208/388, 4-12=-1194/412, 5-12=-1337/412, 5-13=-1584/478, 6-13=-1631/478
BOT CHORD	2-9=-680/2503, 8-9=-680/2511, 6-8=-318/1286
WEBS	3-8=-1628/534, 4-8=-257/922, 5-8=-411/183

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) -1-0-0 to 2-0-0, Interior (1) 2-0-0 to 12-1-2, Exterior (2) 12-1-2 to 18-1-2, Interior (1) 18-1-2 to 24-8-0, Exterior (2) 24-8-0 to 27-8-0; Lumber DOL=1.60 plate grip DOL=1.00
3) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 6. This connection is for uplift only and does not consider lateral forces.
4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	KMB - Cypress plan -
20060074	EE	Roof Special Supported Gable	1	1	Job Reference (optional)

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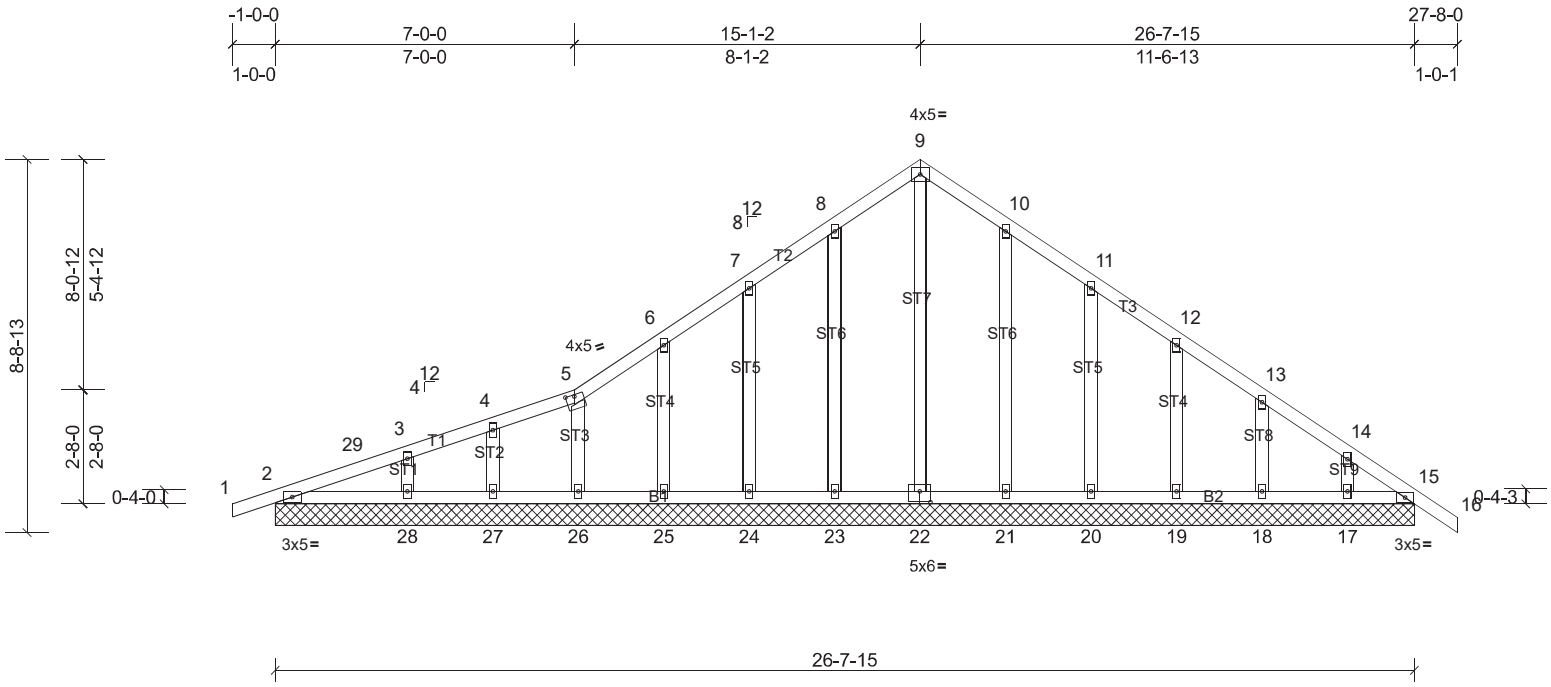


26-7-15

Scale = 1:53.9

Plate Offsets (X, Y): [5:0-2-8,0-0-8], [22:0-3-0,0-3-0]

Loading	(psf)	Spacing	1-11-4	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	15	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 155 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
OTHERS	2x4 SP No.3 *Except* ST7,ST6:2x4 SP No.2

BRACING

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

REACTIONS All bearings 26-8-0.

(lb) - Max Horiz 2=18 (LC 4)

Max Uplift All uplift 100 (lb) or less at joint(s) 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27 except 2=-112 (LC 3), 28=-119 (LC 3)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28

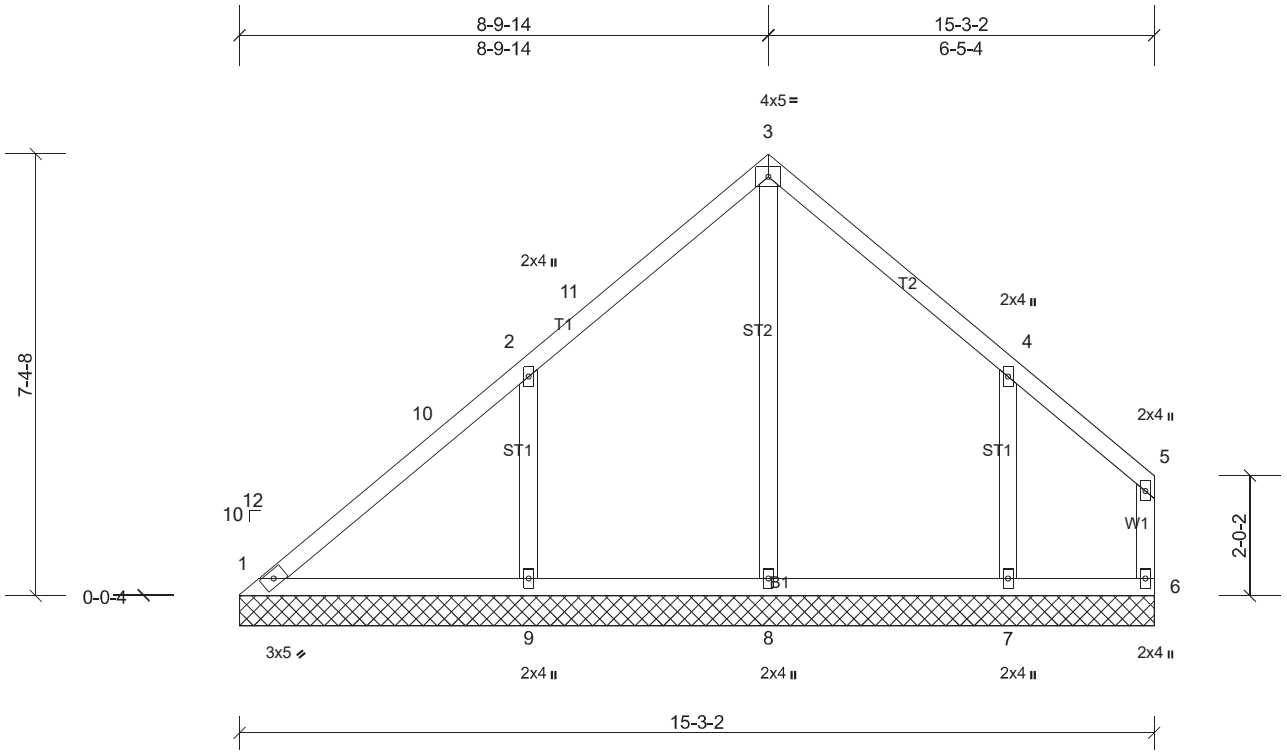
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Corner (3) -1-0-0 to 2-0-0, Exterior (2) 2-0-0 to 12-1-2, Corner (3) 12-1-2 to 18-1-2, Exterior (2) 18-1-2 to 24-8-0, Corner (3) 24-8-0 to 27-8-0; Lumber DOL=1.60 plate grip DOL=1.00
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) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 23, 24, 25, 26, 27, 28, 21, 20, 19, 18, 17, and 15. This connection is for uplift only and does not consider lateral forces.
8) One RT16A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 22. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan
20060074	V	Valley	1	1	Job Reference (optional)



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Loading	(psf)	Spacing	1-11-4	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.24	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.11	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.17	Horiz(TL)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 75 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3 *Except* ST2:2x4 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.

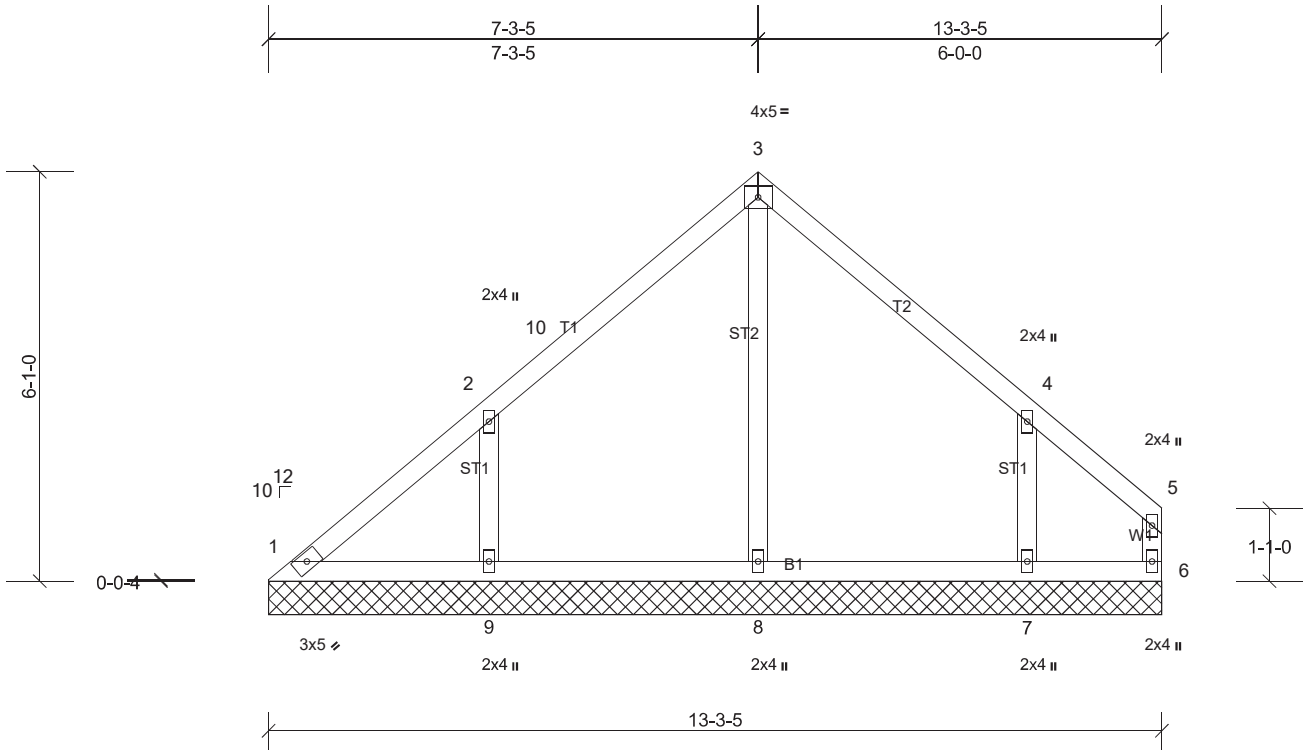
REACTIONS All bearings 15-3-2.
(lb) - Max Horiz 1=-42 (LC 4)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 6 except 7=-188 (LC 3), 9=-222 (LC 3)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 6 except 7=370 (LC 6), 8=269 (LC 1), 9=488 (LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-381/213, 4-7=-299/184

NOTES
1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) 0-4-13 to 3-4-13, Interior (1) 3-4-13 to 5-10-3, Exterior (2) 5-10-3 to 15-1-11; Lumber DOL=1.60 plate grip DOL=1.00
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) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1, 6, 9, and 7. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan -
20060074	VA	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	1.00	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.08	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.12	Horiz(TL)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 61 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3 *Except* ST2:2x4 SP No.2

REACTIONS All bearings 13-3-5.
(lb) - Max Horiz 1=22 (LC 3)
Max Uplift All uplift 100 (lb) or less at joint(s) 1 except 7=-197 (LC 3), 9=-197 (LC 3)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 6 except 7=367 (LC 6), 8=288 (LC 1), 9=405 (LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-325/192, 4-7=-300/191

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.

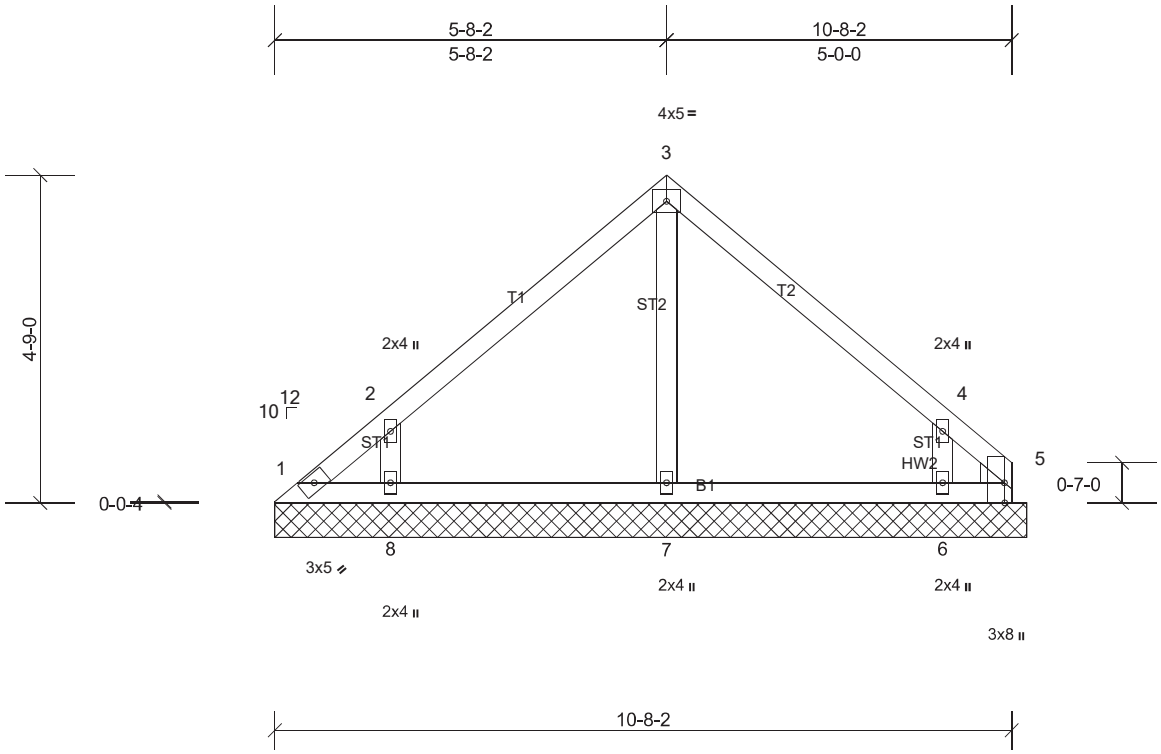
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2) 0-4-13 to 3-3-10, Interior (1) 3-3-10 to 4-3-10, Exterior (2) 4-3-10 to 13-1-14; Lumber DOL=1.60 plate grip DOL=1.00
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) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1, 9, and 7. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan -
20060074	VB	Valley	1	1	Job Reference (optional)



Scale = 1:33.4

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.06	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 45 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3
WEDGE Right: 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.

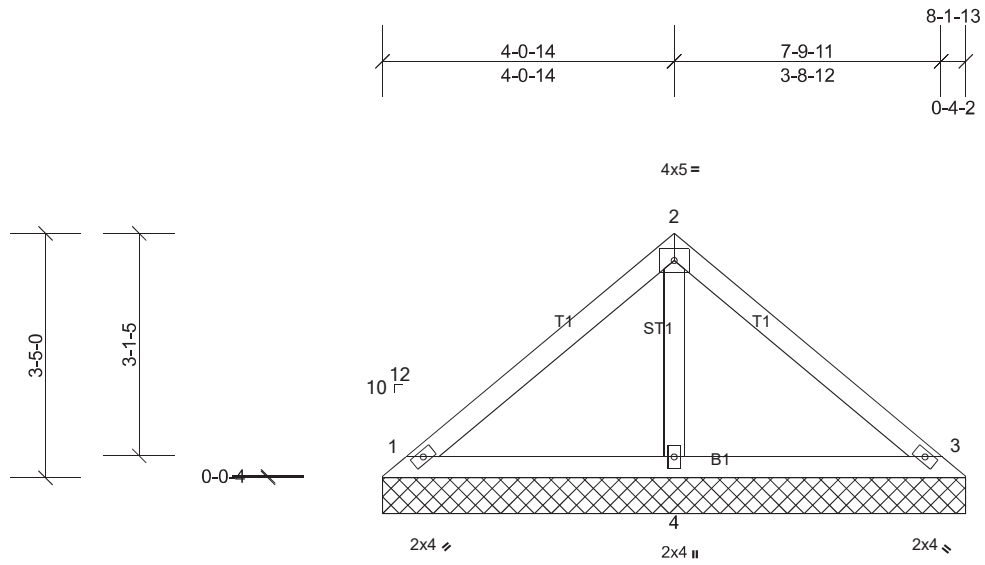
REACTIONS All bearings 10-10-12.
(lb) - Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5, 7 except 6=-209 (LC 3), 8=-193 (LC 3)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5, 7 except 6=381 (LC 6), 8=370 (LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-312/199, 4-6=-324/217

NOTES
1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2); Lumber DOL=1.60 plate grip DOL=1.00
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) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1, 5, 7, 8, and 6. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan ·
20060074	VC	Valley	1	1	Job Reference (optional)



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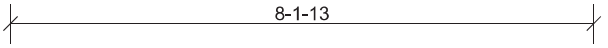


Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.26	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.10	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 31 lb	FT = 20%

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

REACTIONS (lb/size) 1=170/8-1-13, (min. 0-1-8), 3=170/8-1-13, (min. 0-1-8), 4=252/8-1-13, (min. 0-1-8)
Max Uplift 1=-84 (LC 3), 3=-84 (LC 3), 4=-66 (LC 3)
Max Grav 1=196 (LC 6), 3=196 (LC 6), 4=265 (LC 6)

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.

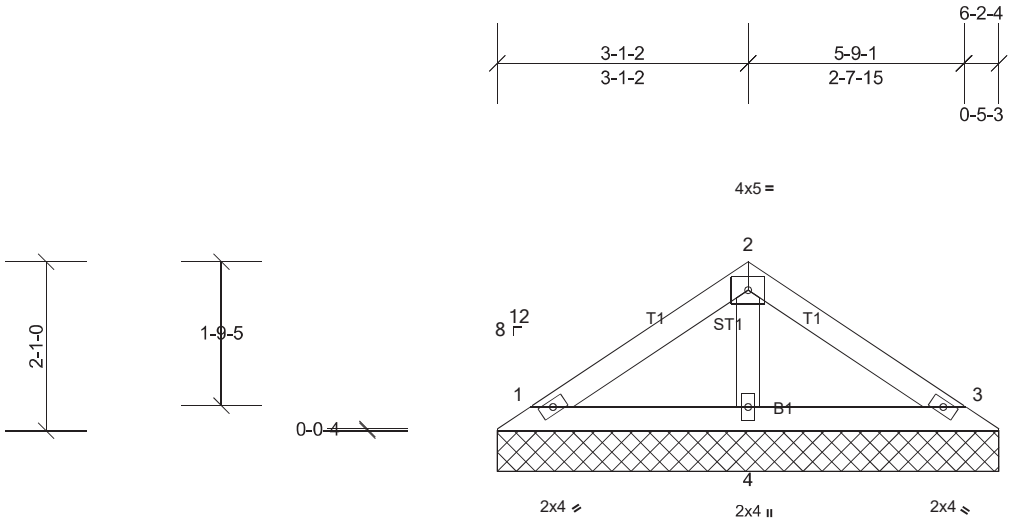
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

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

NOTES
1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2); Lumber DOL=1.60 plate grip DOL=1.00
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) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1, 3, and 4. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan ·
20060074	VD	Valley	1	1	Job Reference (optional)



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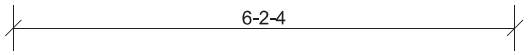


Loading	(psf)	Spacing	1-11-4	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 21 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.

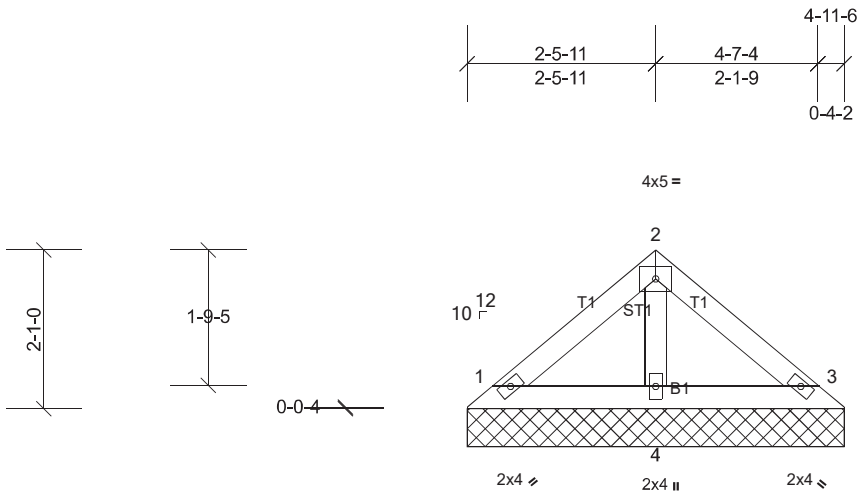
REACTIONS (lb/size) 1=111/6-2-4, (min. 0-1-8), 3=111/6-2-4, (min. 0-1-8), 4=189/6-2-4, (min. 0-1-8)
Max Uplift 1=-56 (LC 3), 3=-56 (LC 3), 4=-57 (LC 3)
Max Grav 1=128 (LC 6), 3=128 (LC 6), 4=202 (LC 6)

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

NOTES
1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2); Lumber DOL=1.60 plate grip DOL=1.00
3) Gable requires continuous bottom chord bearing.
4) One RT16A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1 and 3. This connection is for uplift only and does not consider lateral forces.
5) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan -
20060074	VE	Valley	1	1	Job Reference (optional)



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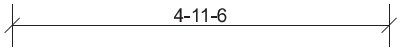


Loading	(psf)	Spacing	1-11-4	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 18 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 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

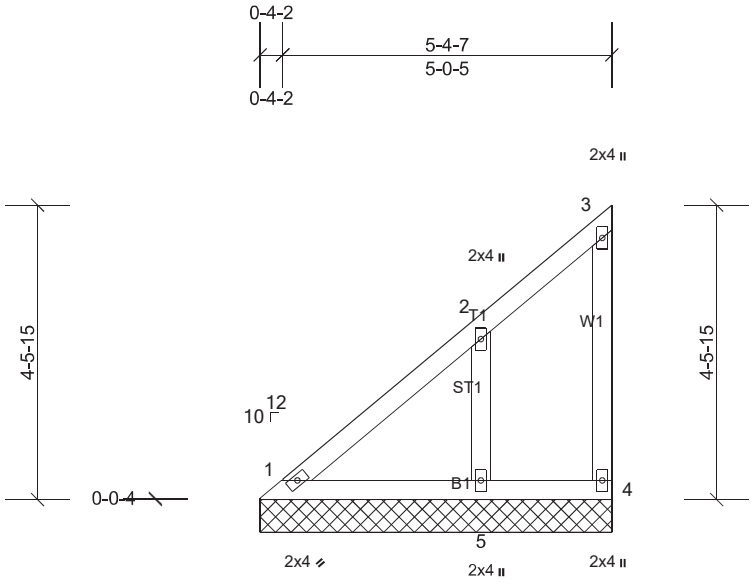
REACTIONS (lb/size) 1=93/4-11-6, (min. 0-1-8), 3=93/4-11-6, (min. 0-1-8), 4=139/4-11-6, (min. 0-1-8)
Max Uplift 1=-49 (LC 3), 3=-49 (LC 3), 4=-38 (LC 3)
Max Grav 1=109 (LC 6), 3=109 (LC 6), 4=146 (LC 6)

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

NOTES
1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2); Lumber DOL=1.60 plate grip DOL=1.00
3) Gable requires continuous bottom chord bearing.
4) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1, 3, and 4. This connection is for uplift only and does not consider lateral forces.
5) 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	KMB - Cypress plan -
20060074	VF	Valley	1	1	Job Reference (optional)



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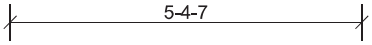


Loading	(psf)	Spacing	1-11-4	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horiz(TL)	n/a	-	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 27 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-4-12 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=94/5-4-7, (min. 0-1-8), 4=37/5-4-7, (min. 0-1-8), 5=245/5-4-7, (min. 0-1-8)
Max Horiz 1=130 (LC 3)
Max Uplift 4=-26 (LC 3), 5=-172 (LC 3)
Max Grav 1=94 (LC 1), 4=48 (LC 6), 5=315 (LC 6)

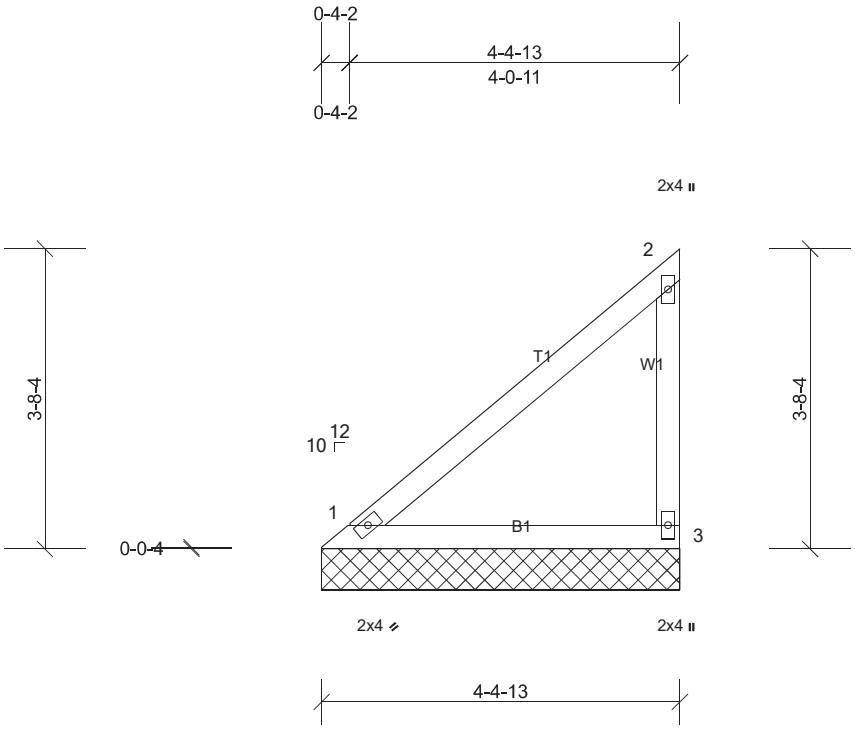
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-254/172

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2); Lumber DOL=1.60 plate grip DOL=1.00
3) Gable requires continuous bottom chord bearing.
4) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 5. This connection is for uplift only and does not consider lateral forces.
5) 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	KMB - Cypress plan -
20060074	VG	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	1.00	TC	0.30	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.12	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	n/a	-	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 19 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 1=155/4-4-13, (min. 0-1-8), 3=155/4-4-13, (min. 0-1-8)
Max Horiz 1=108 (LC 3)
Max Uplift 1=-20 (LC 3), 3=-110 (LC 3)
Max Grav 1=155 (LC 1), 3=200 (LC 6)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-5-2 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.

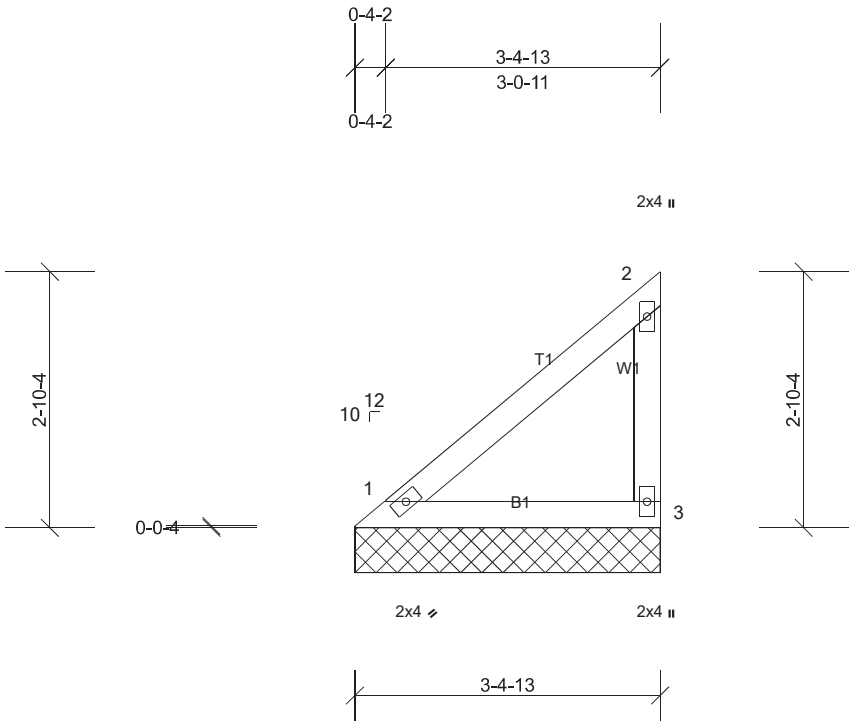
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2); Lumber DOL=1.60 plate grip DOL=1.00
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) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1 and 3. This connection is for uplift only and does not consider lateral forces.
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	KMB - Cypress plan -
20060074	VH	Valley	1	1	Job Reference (optional)



Scale = 1:25.7

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	n/a	-	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 14 lb	FT = 20%

LUMBER

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

REACTIONS (lb/size) 1=115/3-4-13, (min. 0-1-8), 3=115/3-4-13, (min. 0-1-8)
Max Horiz 1=80 (LC 3)
Max Uplift 1=-15 (LC 3), 3=-81 (LC 3)
Max Grav 1=115 (LC 1), 3=149 (LC 6)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-5-2 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.

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

NOTES

1) This truss has been checked for uniform roof live load only, except as noted.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=0.0psf; BCDL=0.0psf; h=0ft; Cat. II; Exp B; Enclosed; C-C Exterior (2); Lumber DOL=1.60 plate grip DOL=1.00
3) Gable requires continuous bottom chord bearing.
4) One RT7A USP connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1 and 3. This connection is for uplift only and does not consider lateral forces.
5) 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