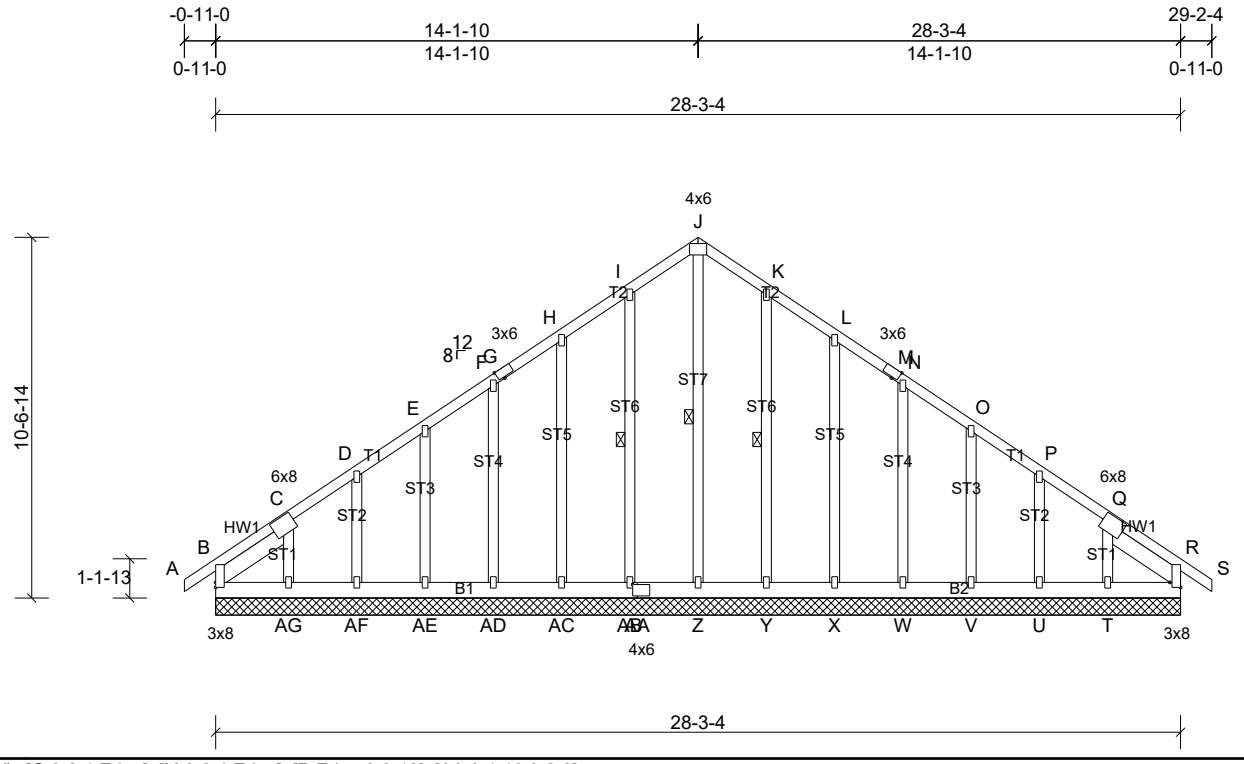
Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	A01	Common Supported Gable	1	1	Job Reference (optional)



Scale = 1:61.1

Plate Offsets (X, Y): [G:0-2-1,Edge], [M:0-2-1,Edge], [R:Edge,0-3-12], [AA:0-1-10,0-2-0]

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	0.08	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	0.17	Horz(CT)	0.01	R	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 240 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
OTHERS 2x4 SP No.3
SLIDER Left 2x6 SP No.2 -- 2-7-0, Right 2x6 SP No.2 -- 2-7-0

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.
WEBS 1 Row at midpt J-Z, I-AB, K-Y

REACTIONS All bearings 28-3-4.
(lb) - Max Horiz B=-335 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) R, U, Y, AB, AF except B=-118 (LC 8), T=-224 (LC 13), V=-108 (LC 13), W=-101 (LC 13), X=-109 (LC 13), AC=-108 (LC 12), AD=-101 (LC 12), AE=-108 (LC 12), AG=-243 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) B, R, T, U, V, W, X, Y, Z, AB, AC, AD, AE, AF except AG=254 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD I-J=-260/294, J-K=-260/294
BOT CHORD B-AG=-170/271, AF-AG=-170/271, AE-AF=-170/271, AD-AE=-170/271, AC-AD=-170/271, AB-AC=-170/271, AA-AB=-170/271, Z-AA=-170/271, Y-Z=-170/271, X-Y=-170/271, W-X=-170/271, V-W=-170/271, U-V=-170/271, T-U=-170/271, R-T=-170/271

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 2-1-10, Exterior (2) 2-1-10 to 14-1-10, Corner (3) 14-1-10 to 17-2-9, Exterior (2) 17-2-9 to 29-2-4 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, AF, Y, U, R, R except (jt=lb) B=118, AC=108, AD=100, AE=108, AG=243, X=109, W=100, V=107, T=224, B=118.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) R, AL.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	A02	Common	4	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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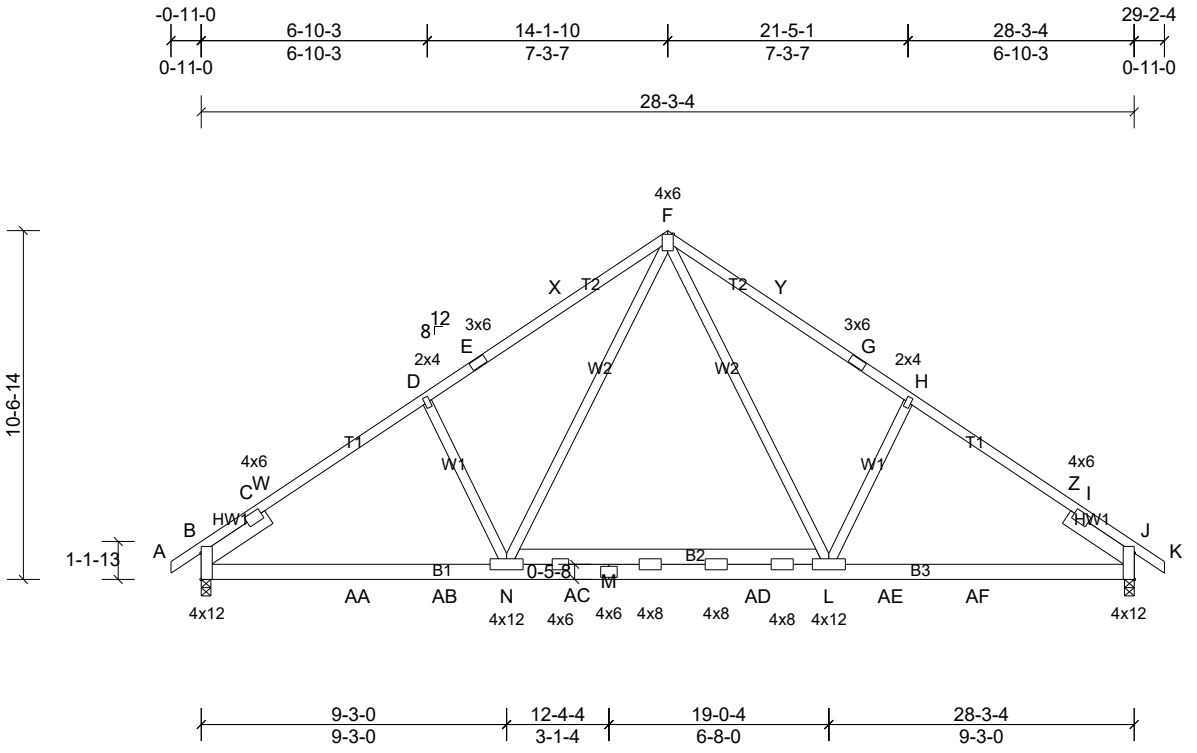

Scale = 1:63.5

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	0.90	Vert(LL)	-0.10	L-N	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.60	Vert(CT)	-0.18	L-N	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.05	J	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.07	L-N	>999	240	Weight: 203 lb	FT = 20%

LUMBER

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

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=1186/0-3-8, (min. 0-1-8), J=1186/0-3-8, (min. 0-1-8)
Max Horiz B=-335 (LC 10)
Max Uplift B=-307 (LC 12), J=-307 (LC 13)
Max Grav B=1270 (LC 19), J=1270 (LC 20)

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

TOP CHORD B-C=-520/0, C-W=-1540/368, D-W=-1478/401, D-E=-1467/457, E-X=-1425/479, F-X=-1420/501, F-Y=-1419/501, G-Y=-1424/479, G-H=-1466/457, H-Z=-1477/401, I-Z=-1538/367, I-J=-419/0

BOT CHORD B-AA=-390/1442, AA-AB=-390/1442, N-AB=-390/1442, N-AC=-101/936, M-AC=-98/940, M-AD=-97/950, L-AD=-99/944, L-AE=-189/1214, AE-AF=-189/1214, J-AF=-189/1214

WEBS F-N=-286/742, F-L=-286/740, D-N=-457/399, H-L=-457/399

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 2-1-15, Interior (1) 2-1-15 to 14-1-10, Exterior (2) 14-1-10 to 17-2-9, Interior (1) 17-2-9 to 29-2-4 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 307 lb uplift at joint B and 307 lb uplift at joint J.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	A03	Common	10	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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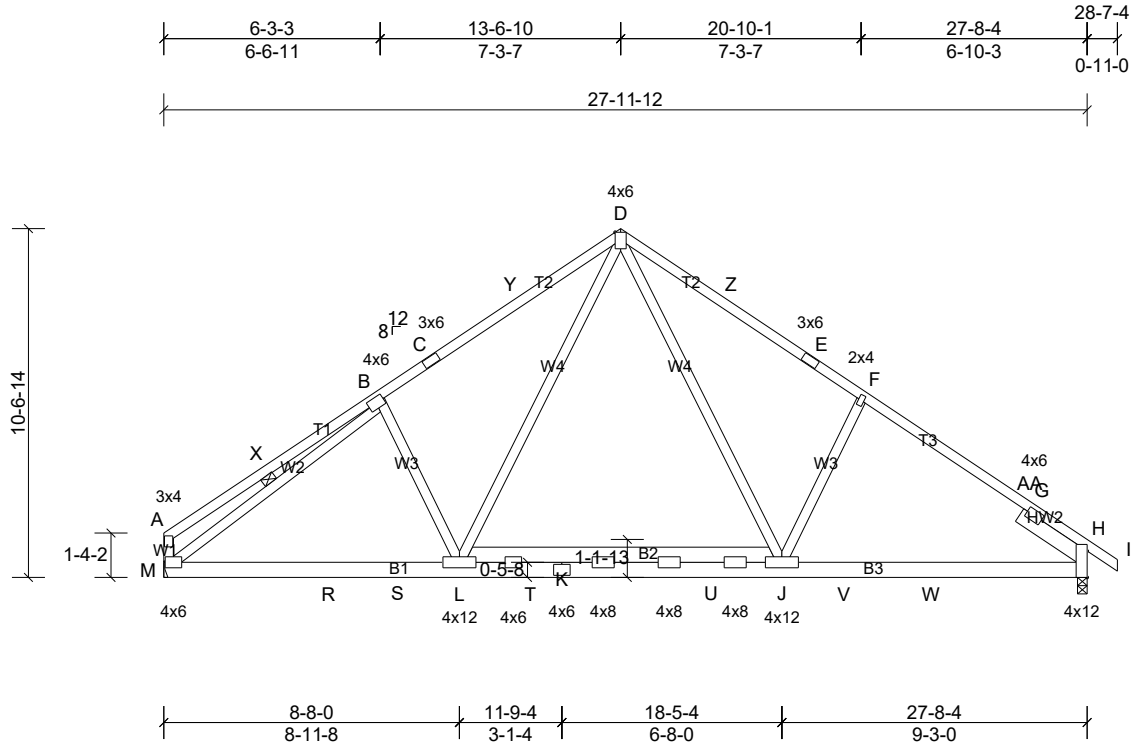

Scale = 1:63.5

8-8-0 / 8-11-8 — 11-9-4 / 3-1-4 — 18-5-4 / 6-8-0 — 27-8-4 / 9-3-0

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	0.89	Vert(LL)	-0.09	J-L	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.57	Vert(CT)	-0.15	J-L	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.05	H	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.06	J-L	>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 *Except* W1:2x4 SP No.2
SLIDER	Right 2x6 SP No.2 -- 2-6-0

BRACING

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt B-M

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

REACTIONS (lb/size) H=1169/0-3-8, (min. 0-1-8), M=1112/ Mechanical, (min. 0-1-8)
Max Horiz M=-327 (LC 8)
Max Uplift H=-304 (LC 13), M=-270 (LC 12)
Max Grav H=1237 (LC 20), M=1134 (LC 19)

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

TOP CHORD	A-M=-336/195, A-X=-349/170, B-X=-286/196, B-C=-1432/438, C-Y=-1388/459, D-Y=-1383/482, D-Z=-1390/495, E-Z=-1396/474, E-F=-1439/451, F-AA=-1426/394, G-AA=-1487/360, G-H=-420/0
BOT CHORD	M-R=-378/1332, R-S=-378/1332, L-S=-378/1332, L-T=-93/890, K-T=-91/893, K-U=-90/903, J-U=-90/898, J-V=-185/1171, V-W=-185/1171, H-W=-185/1171
WEBS	D-L=-263/653, B-L=-391/401, D-J=-287/737, F-J=-460/400, B-M=-1231/224

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) 0-5-4 to 3-5-4, Interior (1) 3-5-4 to 14-1-10, Exterior (2) 14-1-10 to 17-1-10, Interior (1) 17-1-10 to 29-2-4 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) 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 270 lb uplift at joint M and 304 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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	A04	Roof Special	5	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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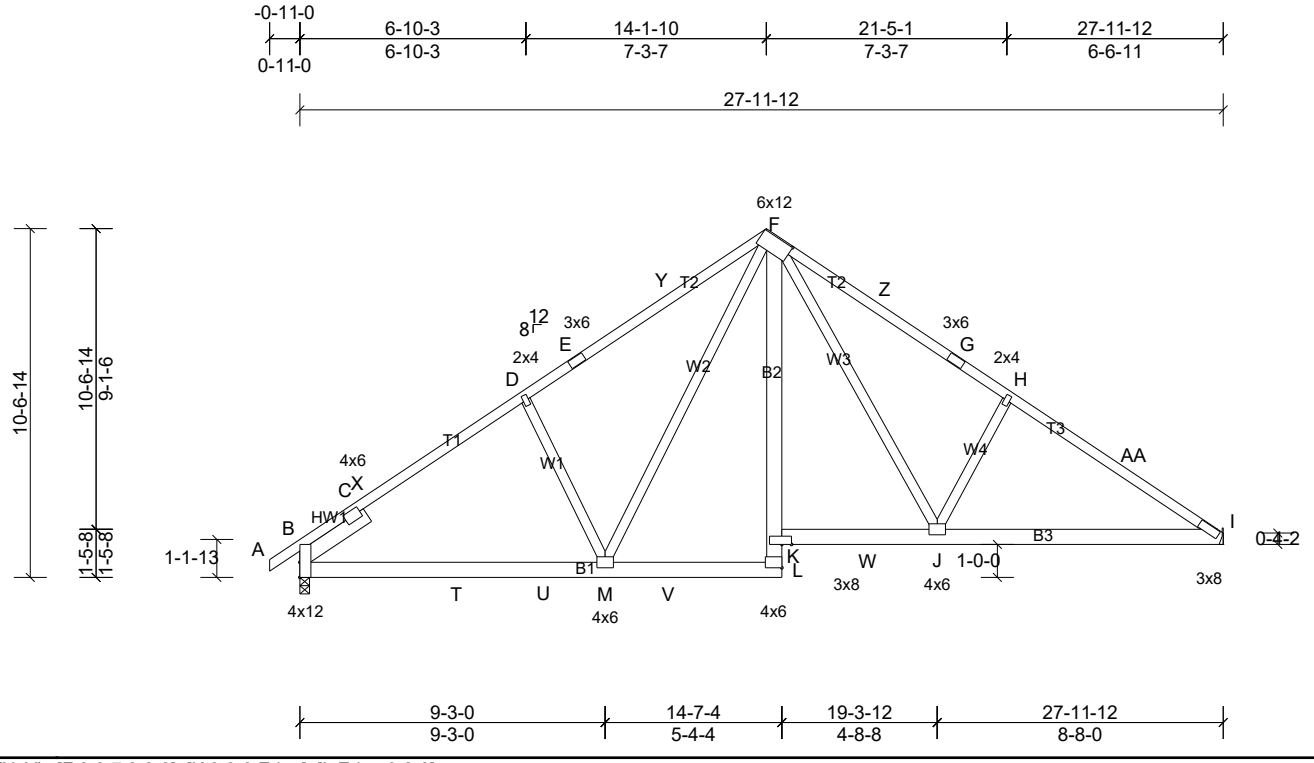

Scale = 1:63.5

Plate Offsets (X, Y): [F:0-9-7,0-3-0], [K:0-3-8,Edge], [L:Edge,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	0.88	Vert(LL)	-0.09	J-K	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.16	J-K	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.08	I	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.08	J-R	>999	240	Weight: 191 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 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) B=1173/0-3-8, (min. 0-1-8), I=1116/ Mechanical, (min. 0-1-8)
Max Horiz B=322 (LC 9)
Max Uplift B=-308 (LC 12), I=-270 (LC 13)
Max Grav B=1252 (LC 19), I=1145 (LC 20)

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

TOP CHORD	B-C=-551/0, C-X=-1487/363, D-X=-1418/397, D-E=-1424/456, E-Y=-1375/473, F-Y=-1370/494, F-Z=-1617/525, G-Z=-1620/503, G-H=-1662/482, H-AA=-1613/444, I-AA=-1719/421
BOT CHORD	B-T=-406/1382, T-U=-406/1382, M-U=-406/1382, M-V=-120/991, L-V=-120/991, K-W=-117/1021, J-W=-117/1021, I-J=-253/1377
WEBS	D-M=-421/379, F-M=-275/511, H-J=-484/386, F-J=-300/793

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 14-4-8, Exterior (2) 14-4-8 to 17-4-8, Interior (1) 17-4-8 to 27-11-0 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) 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 308 lb uplift at joint B and 270 lb uplift at joint I.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	A05	Common Supported Gable	1	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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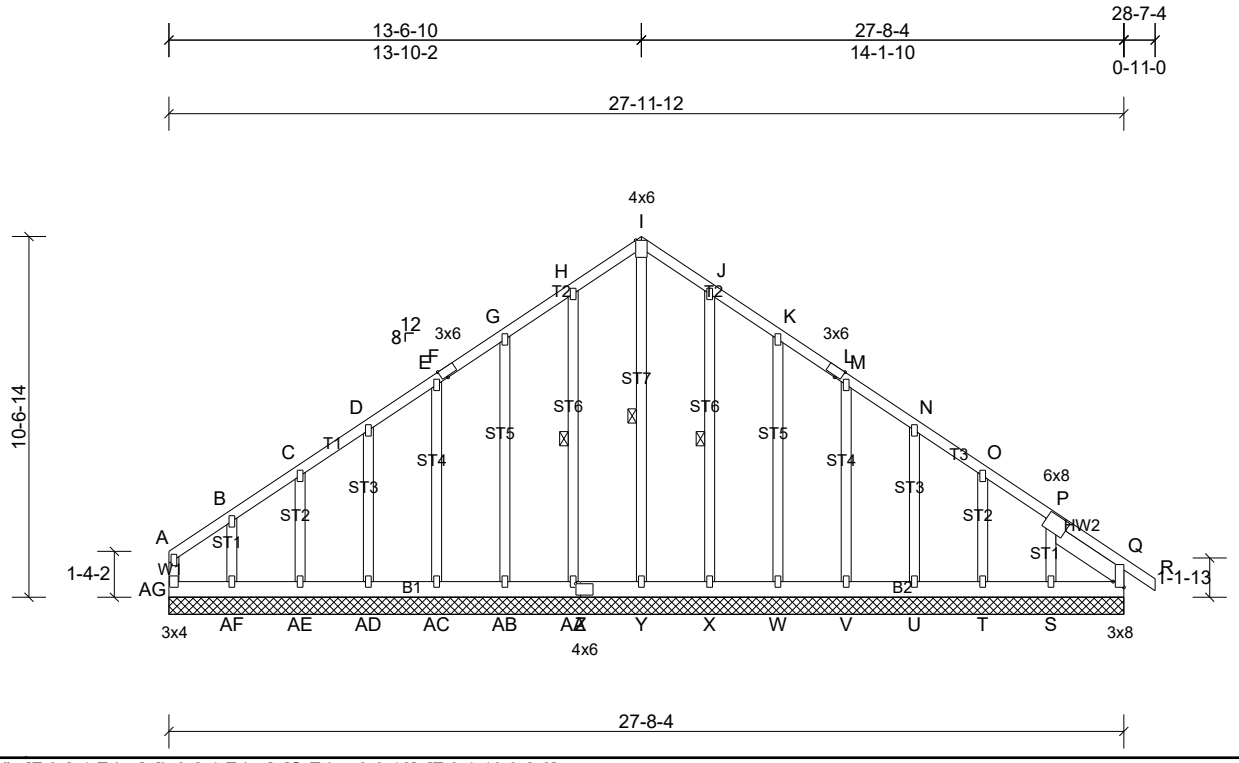

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27-8-4

Plate Offsets (X, Y): [F:0-2-1,Edge], [L:0-2-1,Edge], [Q:Edge,0-3-12], [Z:0-1-10,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.01	Q	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 232 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Right 2x6 SP No.2 -- 2-7-0

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 I-Y, H-AA, J-X

REACTIONS All bearings 27-11-12.

(lb) - Max Horiz AG=-360 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) T, X, Y, AA, AC, AE except Q=-168 (LC 9), S=-217 (LC 13), U=-108 (LC 13), V=-101 (LC 13), W=-110 (LC 13), AB=-112 (LC 12), AD=-111 (LC 12), AF=-238 (LC 12), AG=-104 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) T, U, V, W, X, AA, AB, AC, AD, AE, AG except Q=266 (LC 19), S=261 (LC 20), Y=339 (LC 12), AF=256 (LC 19)

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

TOP CHORD G-H=-281/330, H-I=-340/399, I-J=-340/399, J-K=-281/330, K-L=-192/274, L-M=-212/262

BOT CHORD AF-AG=-218/258, AE-AF=-218/258, AD-AE=-218/258, AC-AD=-218/258, AB-AC=-218/258, AA-AB=-218/258, Z-AA=-218/258, Y-Z=-218/258, X-Y=-218/258, W-X=-218/258, V-W=-218/258, U-V=-218/258, T-U=-218/258, S-T=-218/258, Q-S=-218/258

WEBS I-Y=-346/234

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) 0-5-4 to 3-5-4, Exterior (2) 3-5-4 to 14-1-10, Corner (3) 14-1-10 to 17-1-10, Exterior (2) 17-1-10 to 29-2-4 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) Y, AA, AC, AE, X, T except (jt=lb) AG=103, AB=111, AD=110, AF=238, W=109, V=100, U=107, S=217, Q=167, Q=167.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) Q.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	A05	Common Supported Gable	1	1	Job Reference (optional)

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	B01	Common Supported Gable	1	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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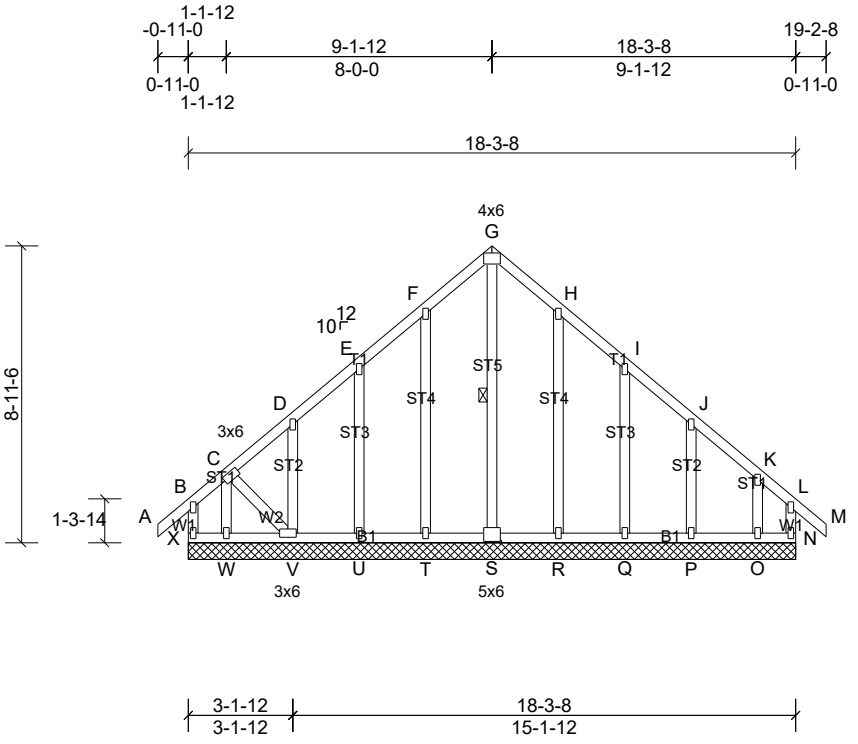

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Plate Offsets (X, Y): [S:0-3-0,0-3-0]

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	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.00	N	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 136 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
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 6-0-0 oc bracing.
WEBS	1 Row at midpt G-S

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

REACTIONS All bearings 18-3-8.

(lb) - Max Horiz X=334 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) N, S, X except O=-244 (LC 13), P=-118 (LC 13), Q=-139 (LC 13), R=-118 (LC 13), T=-124 (LC 12), U=-136 (LC 12), V=-287 (LC 12), W=-174 (LC 8)

Max Grav All reactions 250 (lb) or less at joint(s) N, O, P, Q, R, T, U, X except S=382 (LC 13), V=322 (LC 10), W=300 (LC 11)

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

TOP CHORD	E-F=-223/295, F-G=-306/366, G-H=-306/366, H-I=-223/268
BOT CHORD	W-X=-282/270, V-W=-282/270
WEBS	G-S=-374/250, C-W=-293/230, C-V=-265/287

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 9-1-12, Corner (3) 9-1-12 to 12-1-12, Exterior (2) 12-1-12 to 19-2-8 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) 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) 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.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) N, X, S except (jt=lb) T=124, U=135, W=173, R=118, Q=138, P=118, O=243, V=287.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	B02	Common	1	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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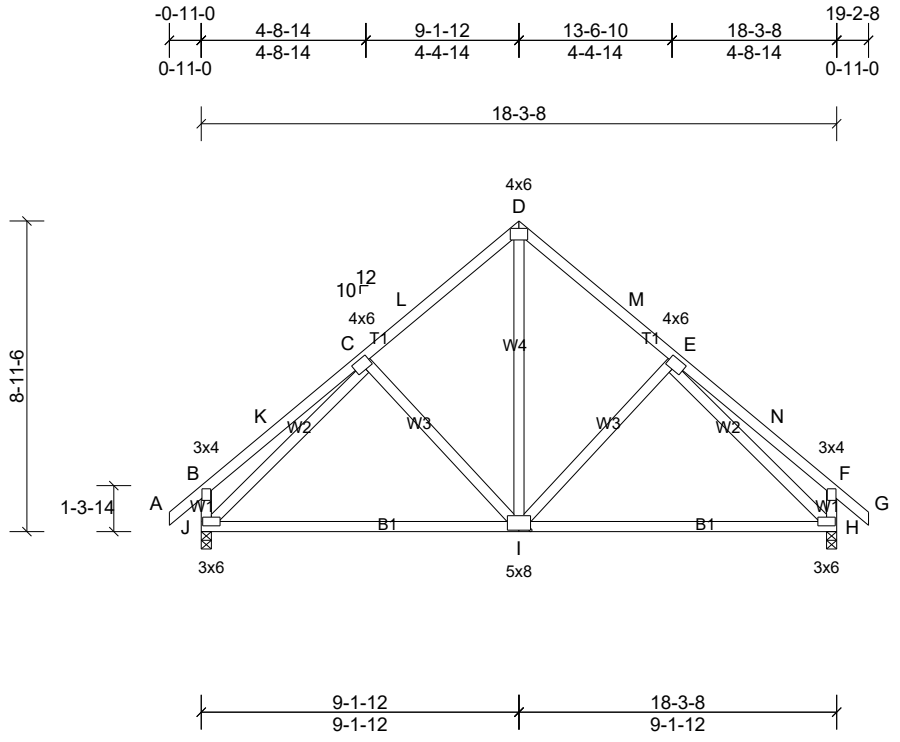

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Plate Offsets (X, Y): [I:0-4-0,0-3-0]

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)	-0.13	I-J	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.77	Vert(CT)	-0.26	I-J	>825	240		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.01	H	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.02	I	>999	240	Weight: 119 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W1:2x4 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) H=784/0-3-8, (min. 0-1-8), J=784/0-3-8, (min. 0-1-8)
Max Horiz J=334 (LC 11)
Max Uplift H=-193 (LC 13), J=-193 (LC 12)

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

TOP CHORD	B-J=-395/243, F-H=-395/244, B-K=-355/168, C-K=-304/188, C-L=-697/245, D-L=-666/277, D-M=-666/277, E-M=-697/245, E-N=-304/187, F-N=-355/168
BOT CHORD	I-J=-178/628, H-I=-63/525
WEBS	C-J=-568/116, D-I=-189/600, E-H=-568/116, C-I=-276/291, E-I=-276/292

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 9-1-12, Exterior (2) 9-1-12 to 12-1-12, Interior (1) 12-1-12 to 19-2-8 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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 193 lb uplift at joint J and 193 lb uplift at joint H.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	B03	Roof Special Girder	1	3	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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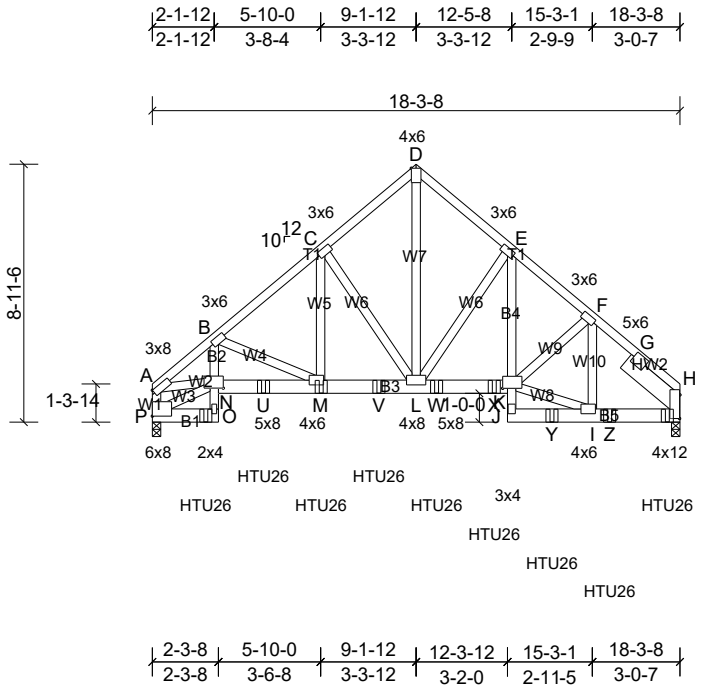

Scale = 1:55.3

Plate Offsets (X, Y): [H:0-9-13,0-0-3], [K:0-5-8,0-2-8], [N: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	0.69	Vert(LL)	-0.06	K-L	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.72	Vert(CT)	-0.13	K-L	>999	240		
BCLL	0.0*	Rep Stress Incr	NO	WB	0.49	Horz(CT)	0.09	H	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.07	K-L	>999	240	Weight: 472 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2,B4:2x4 SP No.2
WEBS	2x4 SP No.2
SLIDER	Right 2x8 SP 2400F 2.0E or DSS -- 2-6-0

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 (lb/size) H=6020/0-3-8, (min. 0-2-6), P=5286/0-3-8, (min. 0-2-2)
Max Horiz P=-289 (LC 6)
Max Uplift H=-1520 (LC 9), P=-1333 (LC 8)
Max Grav H=6072 (LC 16), P=5327 (LC 15)

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

TOP CHORD A-B=-8326/2167, B-C=-6381/1657, C-D=-4695/1303, D-E=-4736/1330, E-F=-6190/1627, F-G=-5663/1456, G-H=-1408/379, A-P=-5302/1392

BOT CHORD O-P=-95/301, N-O=-269/1103, B-N=-540/1913, N-U=-1846/6735, M-U=-1841/6715, M-V=-1265/5018, L-V=-1265/5018, L-W=-1150/4832, W-X=-1154/4848, K-X=-1158/4864, J-K=-175/791, E-K=-638/2479, J-Y=-108/429, I-Y=-108/429, I-Z=-982/4010, H-Z=-982/4010

WEBS F-I=-614/179, F-K=-267/1104, D-L=-1578/5790, E-L=-2229/718, C-L=-2360/765, B-M=-1878/637, C-M=-703/2790, N-P=-329/284, I-K=-933/3822, A-N=-1587/6161

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 0-4-0 oc, 2x4 - 1 row at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; 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 1520 lb uplift at joint H and 1333 lb uplift at joint P.
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 (10-16d Girder, 14-10dx1 1/2 Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-10-4 from the left end to 17-10-4 to connect truss(es) A03 (1 ply 2x6 SP), A04 (1 ply 2x6 SP), A03 (1 ply 2x6 SP) to back face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1114 lb down and 282 lb up at 2-1-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15

Continued on page 1

Uniform Loads (lb/ft)

Vert: A-D=-60, D-H=-60, O-P=-20, K-N=-20, J-Q=-20

Concentrated Loads (lb)

Vert: O=-1092 (B), M=-1096 (B), S=-1098 (B), U=-1096 (B), V=-1096 (B), W=-1096 (B), X=-1096 (B), Y=-1092 (B), Z=-1092 (B)

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	C01	Attic Supported Gable	1	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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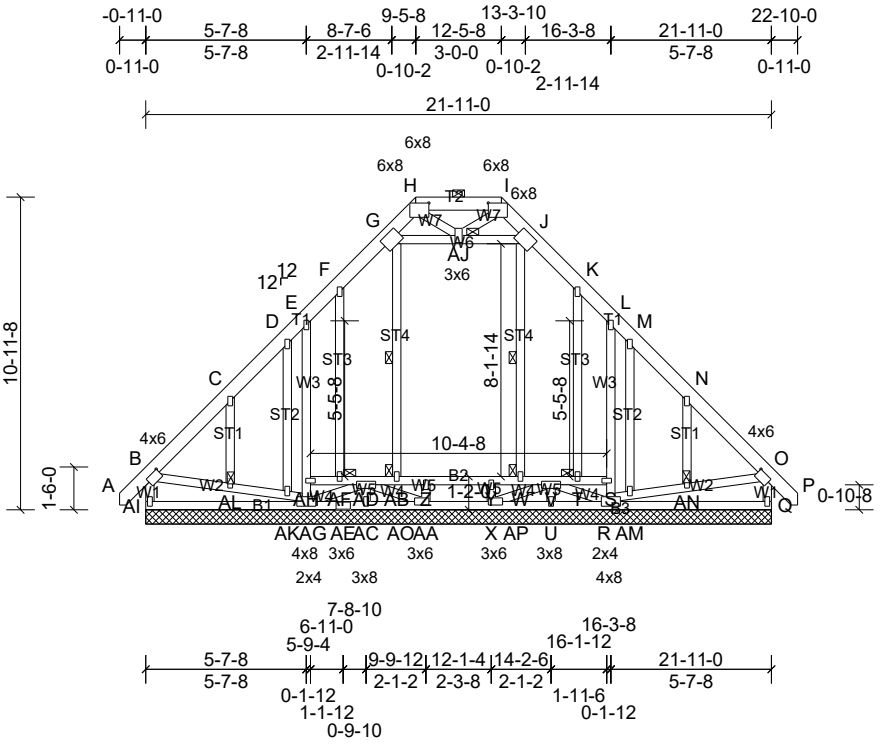

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Plate Offsets (X, Y): [B:0-3-0,0-1-12], [H:0-5-8,0-3-0], [I:0-5-8,0-3-0], [O:0-3-0,0-1-12]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.18	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.01	Q	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 258 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x4 SP No.1
WEBS	2x4 SP No.3 *Except* W1,W6,W3:2x4 SP No.2
OTHERS	2x4 SP No.3

REACTIONS All bearings 21-11-0.

(lb) - Max Horiz AI=403 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) Q, AC, AI except R=-521 (LC 13), AG=-487 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) U, AC except Q=344 (LC 1), R=587 (LC 21), X=272 (LC 18), AA=272 (LC 18), AG=531 (LC 20), AI=351 (LC 21)

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.): H-I.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt G-AB, J-W
JOINTS	1 Brace at Jt(s): AJ, AB, AF, AL W, T, AN

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-AI=-297/111, B-C=-296/176, E-F=-273/242, F-G=-256/257, J-K=-254/257, K-L=-268/243, N-O=-285/143, O-Q=-291/86

BOT CHORD AG-AI=-372/437

WEBS R-S=-493/377, L-S=-462/373, AG-AH=-491/380, E-AH=-460/376, B-AL=-298/363, AK-AL=-305/369, AG-AK=-317/384, R-AM=-314/381, AM-AN=-302/365, O-AN=-295/359

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) -0-9-10 to 2-2-6, Exterior (2) 2-2-6 to 9-5-8, Corner (3) 9-5-8 to 15-5-8, Exterior (2) 15-5-8 to 22-8-10 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) AI, Q, AC except (jt=lb) R=521, AG=487.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	C02	Attic	5	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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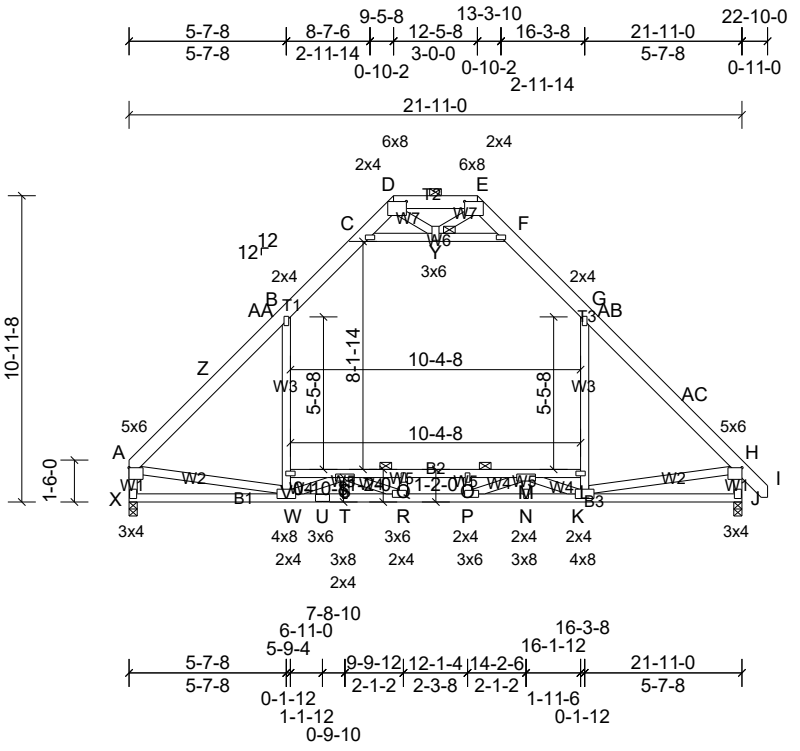

Scale = 1:71.5

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

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	0.54	Vert(LL)	-0.16	T-W	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.62	Vert(CT)	-0.30	O-Q	>879	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.03	J	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.22	V	>999	240	Weight: 187 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* W3,W1,W6:2x4 SP No.2

REACTIONS (lb/size) J=1194/0-3-8, (min. 0-1-10), X=1135/0-3-8, (min. 0-1-9)
Max Horiz X=-392 (LC 8)
Max Uplift J=-14 (LC 13)
Max Grav J=1396 (LC 2), X=1347 (LC 2)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): D-E.
BOT CHORD	Rigid ceiling directly applied or 4-4-7 oc bracing.
JOINTS	1 Brace at Jt(s): 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	A-Z=-1445/35, Z-AA=-1271/54, B-AA=-1252/58, B-C=-843/245, C-D=-56/474, D-E=-86/725, E-F=-59/477, F-G=-844/243, G-AB=-1256/65, AB-AC=-1275/61, H-AC=-1449/36, A-X=-1289/92, H-J=-1340/146
BOT CHORD	W-X=-405/572, U-W=0/2183, T-U=0/2183, R-T=0/2183, P-R=0/2644, N-P=0/1952, K-N=0/1952, J-K=-151/308, S-V=-269/149, Q-S=-1900/0, O-Q=-1900/0, M-O=-1900/0, L-M=-269/159
WEBS	V-W=0/537, B-V=0/679, K-L=0/545, G-L=0/689, A-W=-77/821, H-K=-107/816, C-Y=-1694/388, F-Y=-1701/392, S-W=-1183/0, R-S=-87/835, M-P=-105/861, K-M=-1181/0

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) 0-1-12 to 3-1-12, Interior (1) 3-1-12 to 9-5-8, Exterior (2) 9-5-8 to 16-8-7, Interior (1) 16-8-7 to 22-8-10 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) 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) Ceiling dead load (5.0 psf) on member(s). B-C, F-G, C-Y, F-Y; Wall dead load (5.0psf) on member(s).B-V, G-L
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. S-V, Q-S, O-Q, M-O, L-M
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 14 lb uplift at joint J.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	C03	Attic	1	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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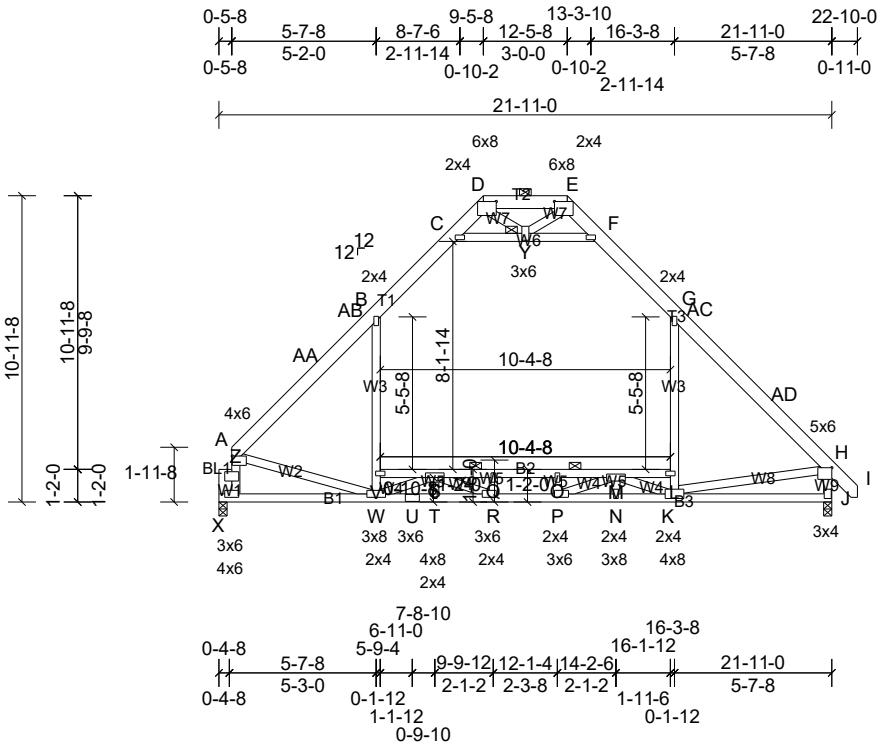

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Plate Offsets (X, Y): [A:0-3-4,0-0-8], [D:0-5-8,0-3-0], [E:0-5-8,0-3-0], [H:0-3-8,0-1-0]

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	0.55	Vert(LL)	-0.16	K-N	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.62	Vert(CT)	-0.29	M-O	>889	240		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.03	J	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.22	L	>999	240	Weight: 187 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* W3,W6,W1,W9:2x4 SP No.2
OTHERS	2x6 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): D-E.
BOT CHORD	Rigid ceiling directly applied or 4-4-6 oc bracing.
JOINTS	1 Brace at Jt(s): Y

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

REACTIONS (lb/size) J=1182/0-3-8, (min. 0-1-10), X=1115/0-3-8, (min. 0-1-9)
Max Horiz X=-400 (LC 10)
Max Uplift J=-14 (LC 13)
Max Grav J=1382 (LC 2), X=1334 (LC 2)

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

TOP CHORD	A-AA=-1396/40, AA-AB=-1237/58, B-AB=-1219/62, B-C=-833/243, C-D=-54/453, D-E=-80/688, E-F=-50/449, F-G=-824/243, G-AC=-1234/65, AC-AD=-1254/60, H-AD=-1427/36, X-Z=-1321/89, A-Z=-1292/82, H-J=-1321/146
BOT CHORD	W-X=-341/603, U-W=0/2125, T-U=0/2125, R-T=0/2125, P-R=0/2630, N-P=0/1964, K-N=0/1964, J-K=-151/316, Q-S=-1903/0, O-Q=-1903/0, M-O=-1903/0, L-M=-292/153
WEBS	V-W=0/492, B-V=0/658, K-L=0/545, G-L=0/683, C-Y=-1650/384, F-Y=-1630/374, A-W=-72/693, H-K=-110/789, S-W=-1302/0, R-S=-84/885, M-P=-107/824, K-M=-1191/0

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) 0-7-4 to 3-7-4, Interior (1) 3-7-4 to 9-5-8, Exterior (2) 9-5-8 to 16-8-7, Interior (1) 16-8-7 to 22-8-10 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) 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) Ceiling dead load (5.0 psf) on member(s). B-C, F-G, C-Y, F-Y; Wall dead load (5.0psf) on member(s).B-V, G-L
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. S-V, Q-S, O-Q, M-O, L-M
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 14 lb uplift at joint J.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	D01	Monopitch Supported Gable	1	1	Job Reference (optional)

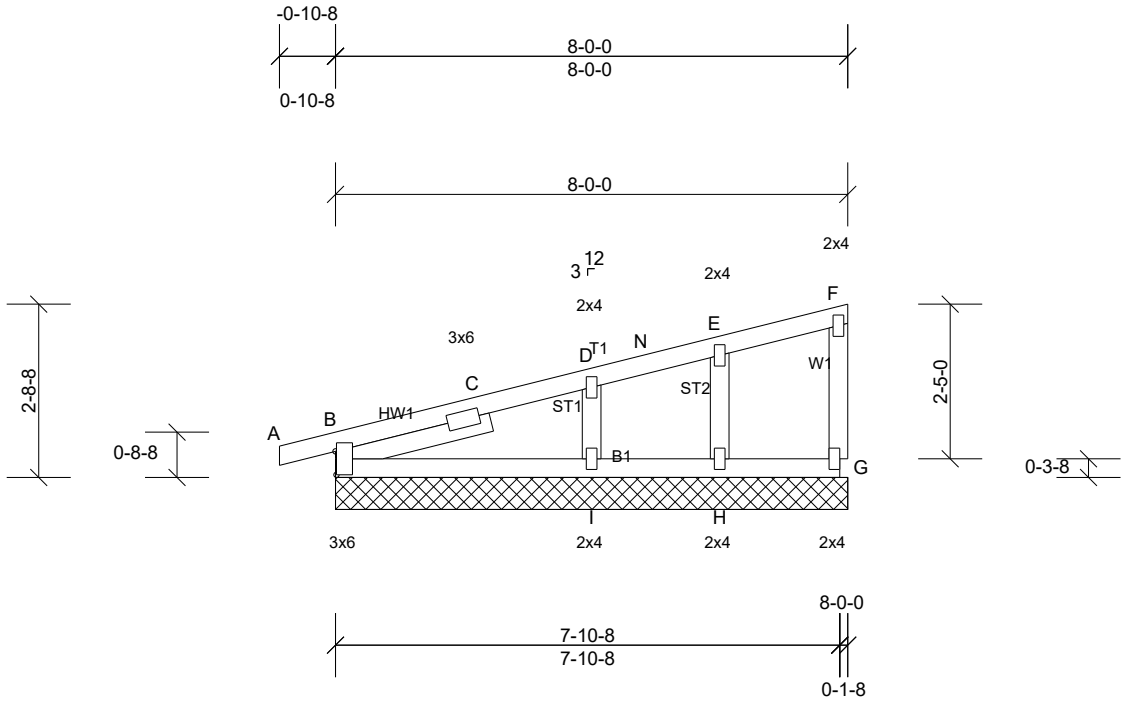

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Plate Offsets (X, Y): [B:0-4-6,0-0-3]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	B	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 36 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x4 SP No.2 -- 2-6-0

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 8-0-0.
(lb) - Max Horiz B=118 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) B, G, H except I=-143 (LC 12)
Max Grav All reactions 250 (lb) or less at joint(s) B, G, H except I=310 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS D-I=-217/258

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 7-10-4 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
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) B, G, H, B except (jt=lb) I=142.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	D02	Monopitch	5	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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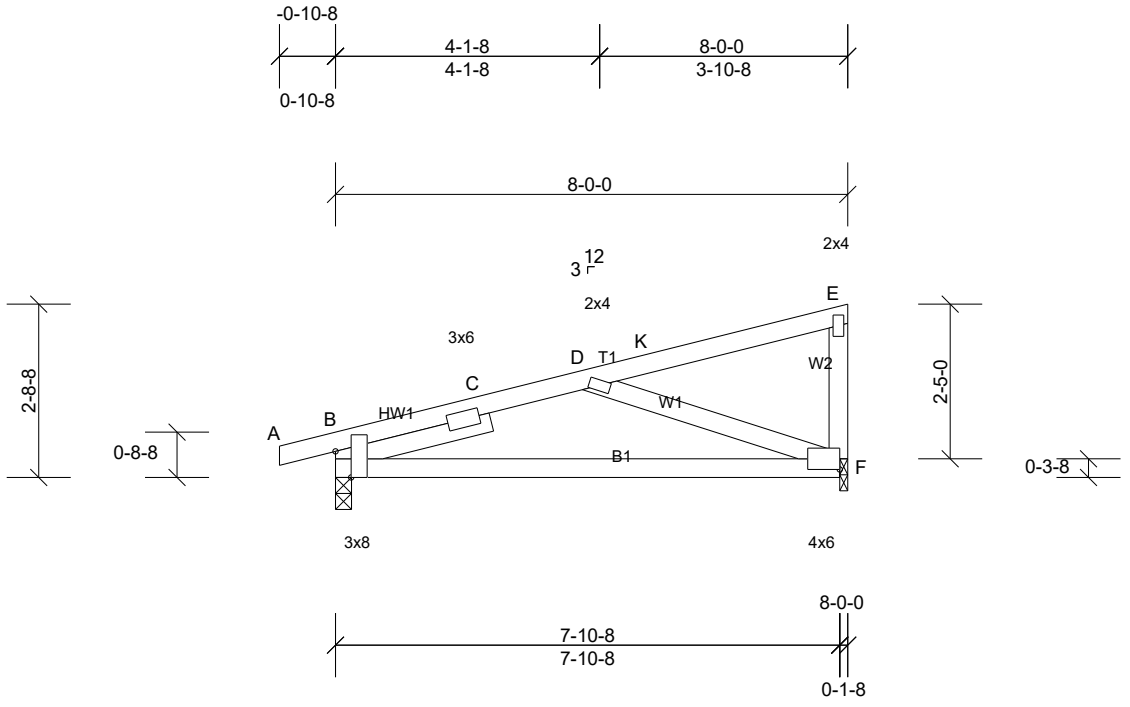

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Plate Offsets (X, Y): [B:0-4-14,Edge]

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	0.38	Vert(LL)	-0.07	F-I	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.43	Vert(CT)	-0.14	F-I	>689	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(CT)	-0.01	B	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.17	F-I	>551	240	Weight: 38 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.2 -- 2-6-0

REACTIONS (lb/size) B=370/0-3-0, (min. 0-1-8), F=311/0-1-8, (min. 0-1-8)
Max Horiz B=118 (LC 8)
Max Uplift B=-242 (LC 8), F=-224 (LC 8)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 7-1-3 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=-649/988, C-D=-444/447
BOT CHORD	B-F=-536/455
WEBS	D-F=-449/503

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 7-10-4 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
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) Bearing at joint(s) F considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) F.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 242 lb uplift at joint B and 224 lb uplift at joint F.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	D03	Monopitch Structural Gable	1	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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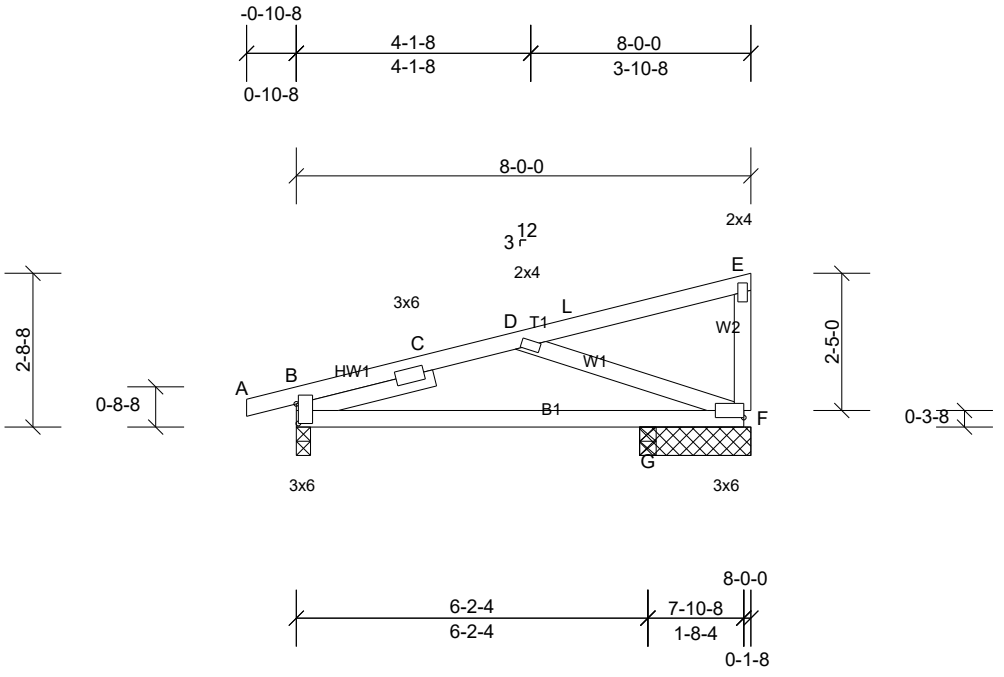

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Plate Offsets (X, Y): [B:0-4-2,0-0-7]

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	0.23	Vert(LL)	0.05	G-J	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	-0.04	G-J	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	-0.01	B	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 38 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.2 -- 2-6-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 8-9-4 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=347/0-3-0, (min. 0-1-8), F=228/1-11-8, (min. 0-1-8), G=105/0-3-8, (min. 0-1-8)
Max Horiz B=118 (LC 8)
Max Uplift B=-228 (LC 8), F=-173 (LC 12), G=-49 (LC 8)
Max Grav B=347 (LC 1), F=228 (LC 1), G=207 (LC 3)

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

TOP CHORD	B-C=-366/584, C-D=-399/320
BOT CHORD	B-G=-403/407, F-G=-403/407
WEBS	D-F=-418/420

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 7-10-4 zone; cantilever left and right exposed ; end vertical left exposed; porch left 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 228 lb uplift at joint B, 173 lb uplift at joint F and 49 lb uplift at joint G.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	D04	Monopitch	2	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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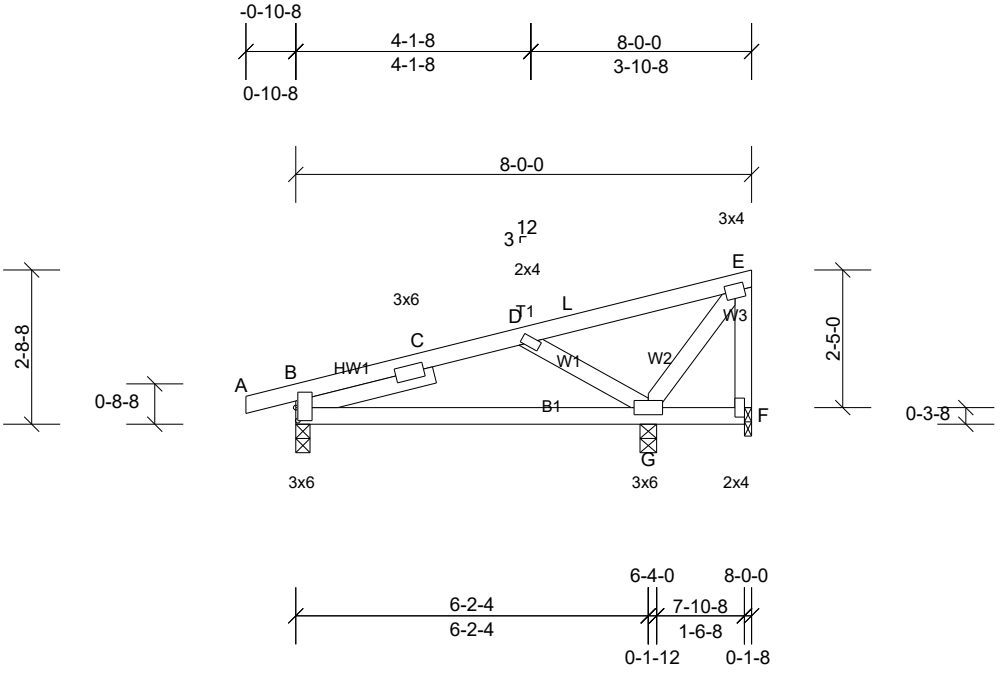

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Plate Offsets (X, Y): [B:0-2-12,0-0-7]

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	0.24	Vert(LL)	0.05	G-J	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.22	Vert(CT)	-0.04	G-J	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	-0.01	B	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 40 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W3:2x4 SP No.2
SLIDER	Left 2x4 SP No.2 -- 2-6-0

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.

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

REACTIONS (lb/size) B=290/0-3-0, (min. 0-1-8), F=15/0-1-8, (min. 0-1-8), G=376/0-3-8, (min. 0-1-8)
Max Horiz B=118 (LC 8)
Max Uplift B=-190 (LC 8), F=-12 (LC 12), G=-224 (LC 8)
Max Grav B=290 (LC 1), F=32 (LC 3), G=376 (LC 1)

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

TOP CHORD	B-C=-366/586, C-D=-234/251
BOT CHORD	B-G=-318/252
WEBS	D-G=-353/341

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 7-10-4 zone; cantilever left and right exposed ; end vertical left exposed; porch left 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) Bearing at joint(s) F considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) F.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 190 lb uplift at joint B, 224 lb uplift at joint G and 12 lb uplift at joint F.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	E01	Monopitch Supported Gable	2	1	Job Reference (optional)

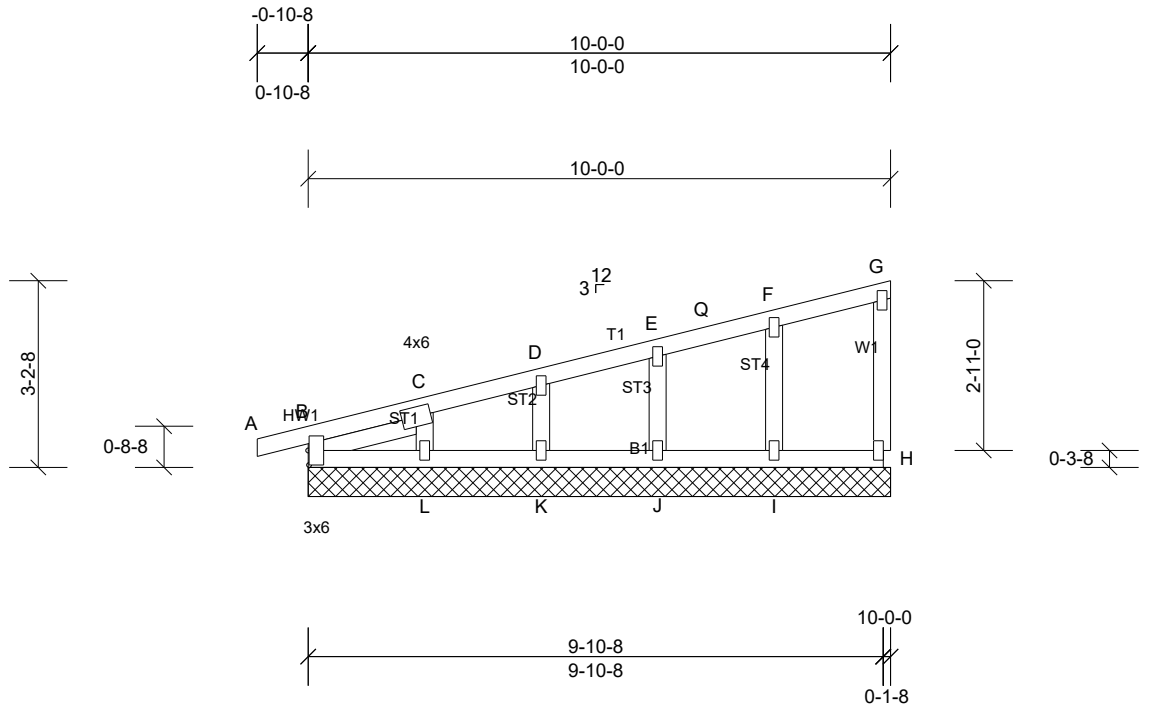

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Plate Offsets (X, Y): [B:0-3-0,0-0-3]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	B	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 47 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x4 SP No.2 -- 1-11-4

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 10-0-0.
(lb) - Max Horiz B=144 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) B, H, I, J, K, L
Max Grav All reactions 250 (lb) or less at joint(s) B, H, I, J, K, L

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 Corner (3) -0-10-8 to 2-0-0, Exterior (2) 2-0-0 to 9-10-4 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
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) B, H, I, J, K, L, B.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	E02	Monopitch	6	1	Job Reference (optional)

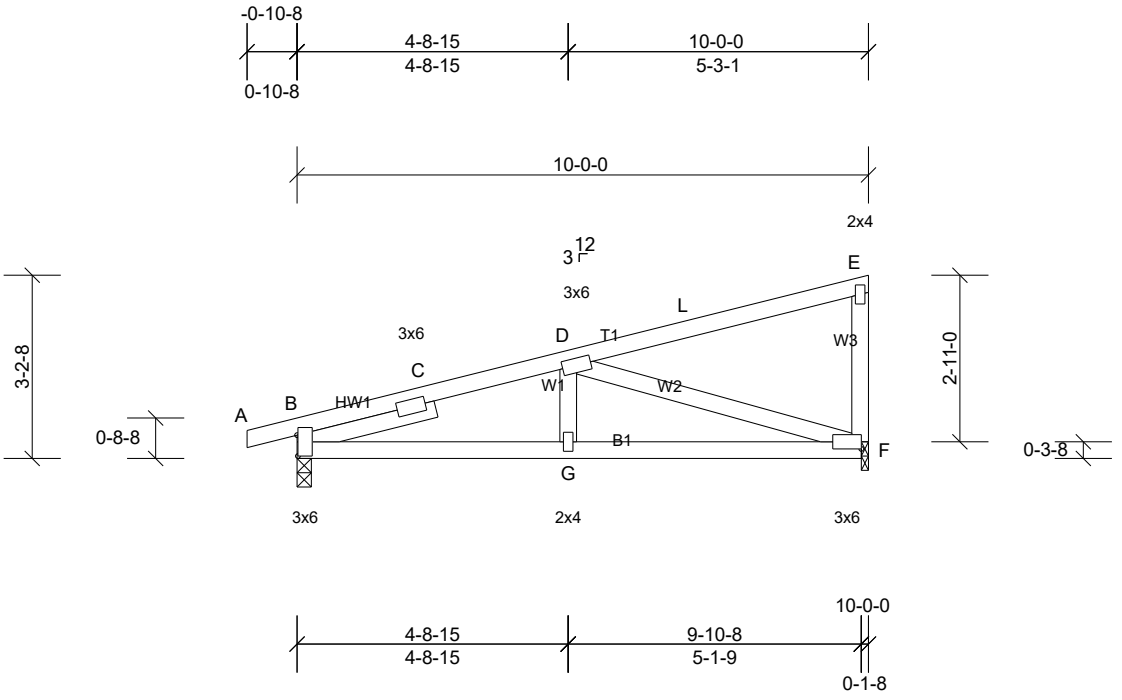

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Plate Offsets (X, Y): [B:0-4-6,0-0-3]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	0.07	F-G	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.29	Vert(CT)	-0.05	F-G	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.38	Horz(CT)	-0.01	F	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 *Except* W3:2x4 SP No.2
SLIDER Left 2x4 SP No.2 -- 2-6-0

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-10 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=449/0-3-0, (min. 0-1-8), F=392/0-1-8, (min. 0-1-8)
Max Horiz B=144 (LC 8)
Max Uplift B=-292 (LC 8), F=-281 (LC 8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-307/425, C-D=-675/772
BOT CHORD B-G=-837/677, F-G=-837/677
WEBS D-F=-678/835, D-G=-286/196

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 9-10-4 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
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) Bearing at joint(s) F considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) F.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 292 lb uplift at joint B and 281 lb uplift at joint F.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	PB01	Piggyback	7	1	Job Reference (optional)

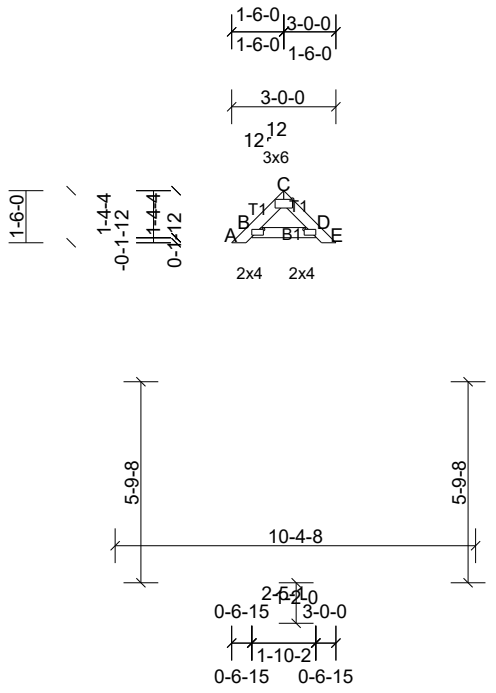

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Plate Offsets (X, Y): [B:0-2-6,0-1-0], [C:0-3-0,Edge], [D:0-2-6,0-1-0]

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	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	D	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 9 lb	FT = 20%

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

REACTIONS (lb/size) B=96/1-10-2, (min. 0-1-8), D=96/1-10-2, (min. 0-1-8)
Max Horiz B=43 (LC 11)
Max Uplift B=-28 (LC 12), D=-28 (LC 13)

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-0 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) 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) B, D, B, 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.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	V01	Valley	1	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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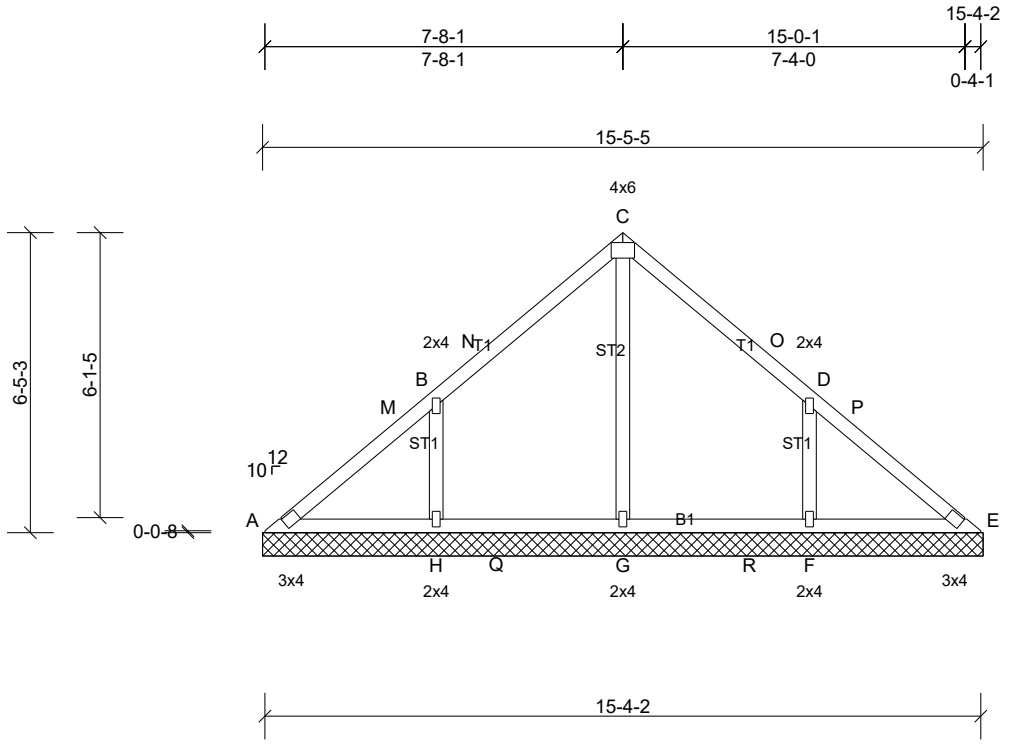

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.18	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 67 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 15-5-5.

(lb) - Max Horiz A=-208 (LC 8)

Max Uplift All uplift 100 (lb) or less at joint(s) A except F=-279 (LC 13), H=-282 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) A, E except F=443 (LC 20), G=438 (LC 19), H=447 (LC 19)

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

WEBS C-G=-255/7, B-H=-373/312, D-F=-373/310

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 7-8-10, Exterior (2) 7-8-10 to 10-8-10, Interior (1) 10-8-10 to 15-5-5 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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) A except (jt=lb) H=282, F=278.
9) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) A, E.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	V02	Valley	1	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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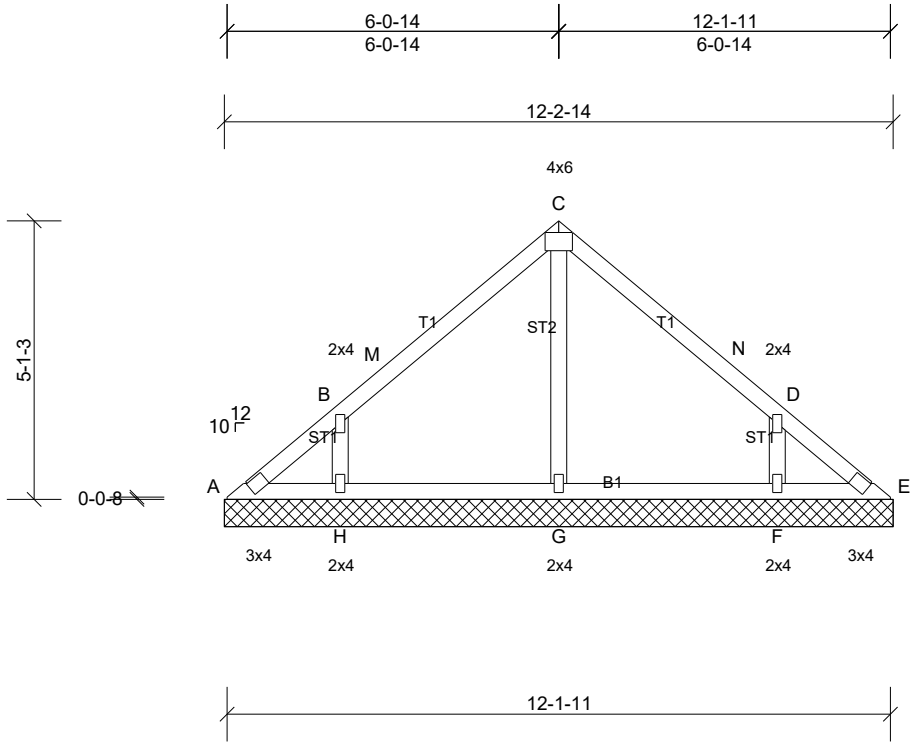

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.09	Horiz(TL)	0.00	5	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
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 12-2-14.

(lb) - Max Horiz A=-164 (LC 8)

Max Uplift All uplift 100 (lb) or less at joint(s) A, E except F=-231 (LC 13), H=-235 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) A, E, G except F=351 (LC 20), H=356 (LC 19)

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

WEBS B-H=-350/298, D-F=-350/296

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 6-1-7, Exterior (2) 6-1-7 to 9-1-7, Interior (1) 9-1-7 to 12-2-14 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 100 lb uplift at joint(s) A, E except (jt=lb) H=235, F=230.
9) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) A, E.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	V03	Valley	1	1	Job Reference (optional)

Builders FirstSource, Ernesto Barros — Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:07:21 — Page: 1

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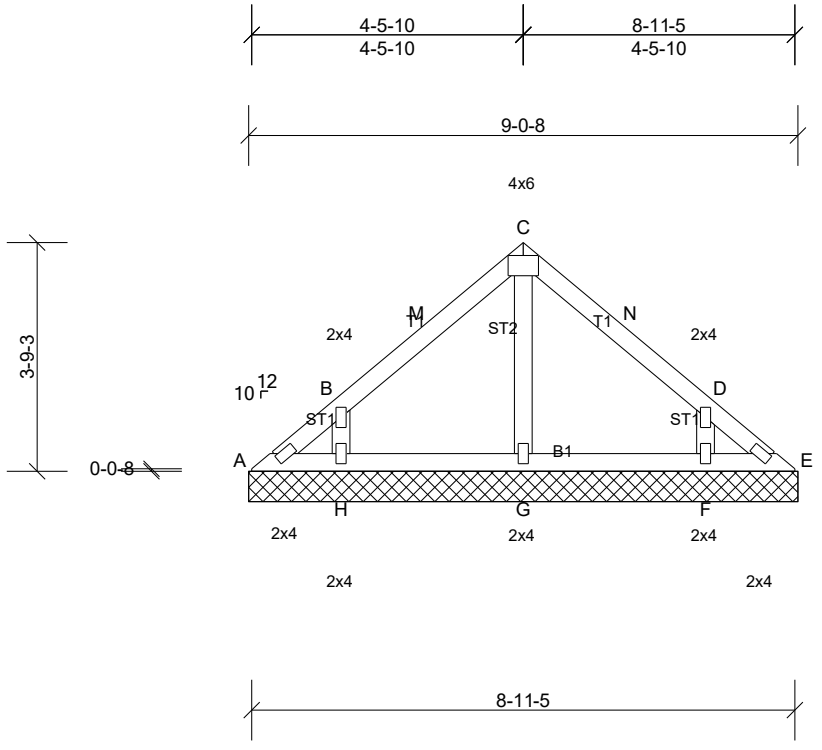

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 36 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 9-0-8.

(lb) - Max Horiz A=119 (LC 9)

Max Uplift All uplift 100 (lb) or less at joint(s) A, E except F=-166 (LC 13), H=-171 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) A, E, G except F=261 (LC 20), H=266 (LC 19)

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

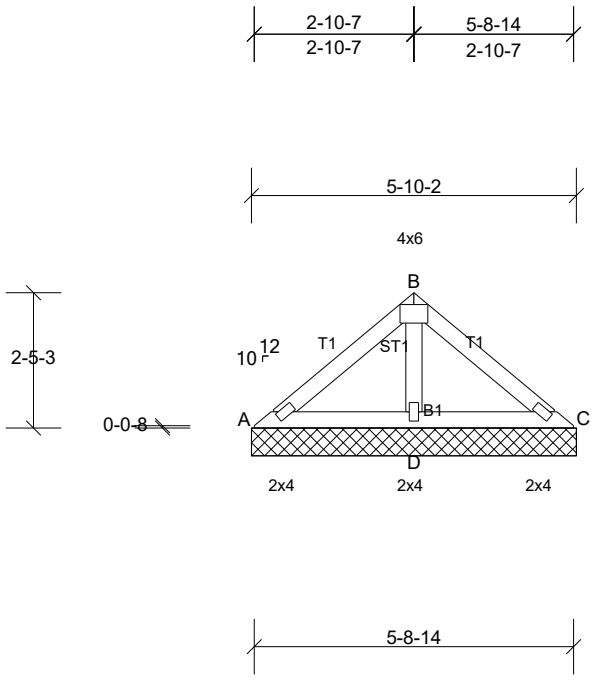
WEBS B-H=-273/230, D-F=-273/228

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 4-6-4, Exterior (2) 4-6-4 to 7-6-4, Interior (1) 7-6-4 to 9-0-8 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) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 3-0-0 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 except (jt=lb) H=170, F=166.
9) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) A, E.
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	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4513001	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	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.05	Horiz(TL)	0.00	3	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
OTHERS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-8-14 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=48/5-10-2, (min. 0-1-8), C=48/5-10-2, (min. 0-1-8), D=372/5-10-2, (min. 0-1-8)
Max Horiz A=75 (LC 9)
Max Uplift C=-12 (LC 13), D=-115 (LC 12)
Max Grav A=65 (LC 23), C=65 (LC 24), D=372 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS B-D=-269/145

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 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 12 lb uplift at joint C and 115 lb uplift at joint D.
9) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) A, C.
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