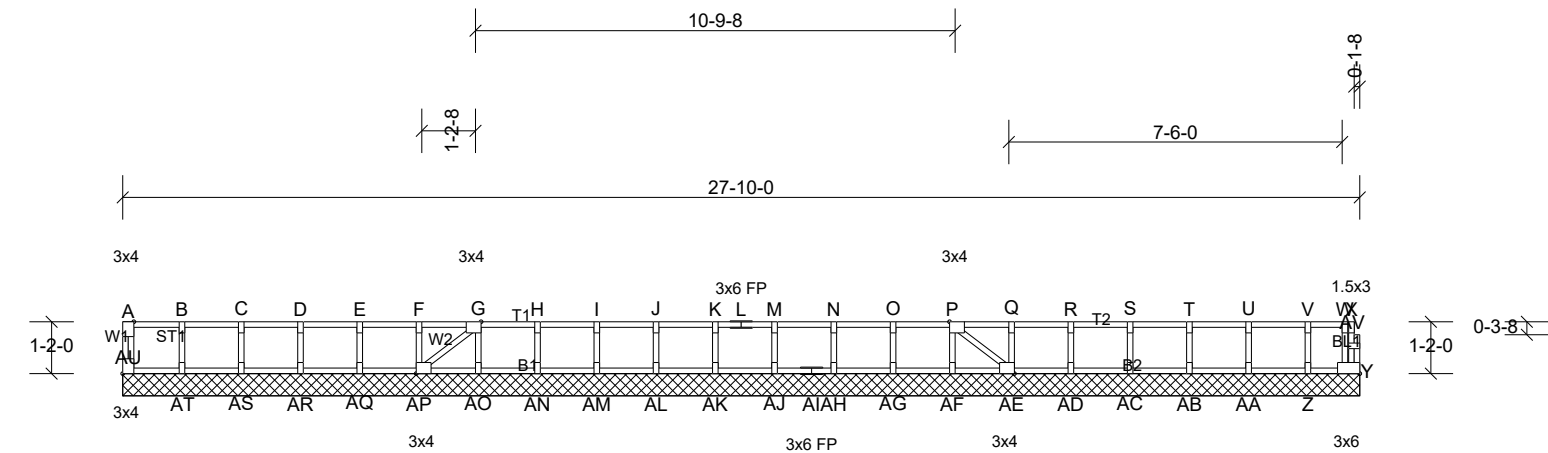


Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4612140	F01	Floor Supported Gable	1	1	Job Reference (optional)



Scale = 1:51.2

Plate Offsets (X, Y): [G:0-1-8,Edge], [P:0-1-8,Edge], [AE:0-1-8,Edge], [AP:0-1-8,Edge], [AU:Edge,0-1-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 125 lb FT = 20%F, 11%E	

LUMBER
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

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.

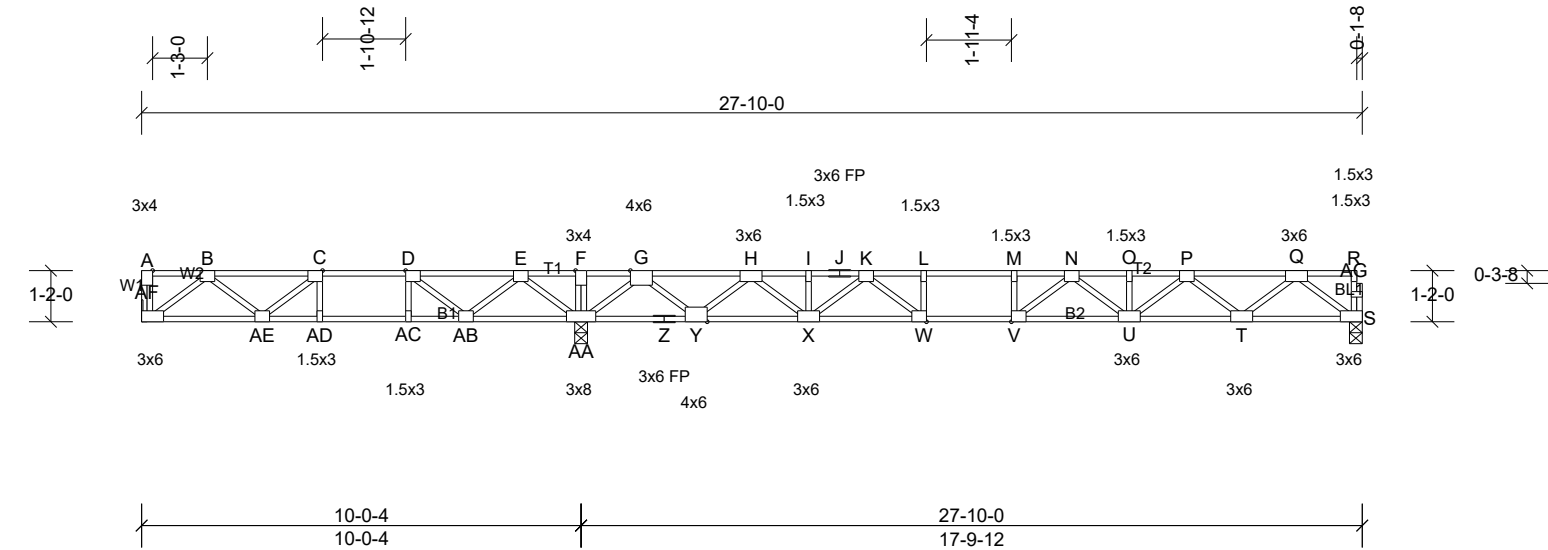
REACTIONS All bearings 27-10-0.
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU

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

- NOTES**
- All plates are 1.5x3 (||) MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1-4-0 oc.
 - 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.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4612140	F02	Floor	9	1	Job Reference (optional)



Scale = 1:51.9

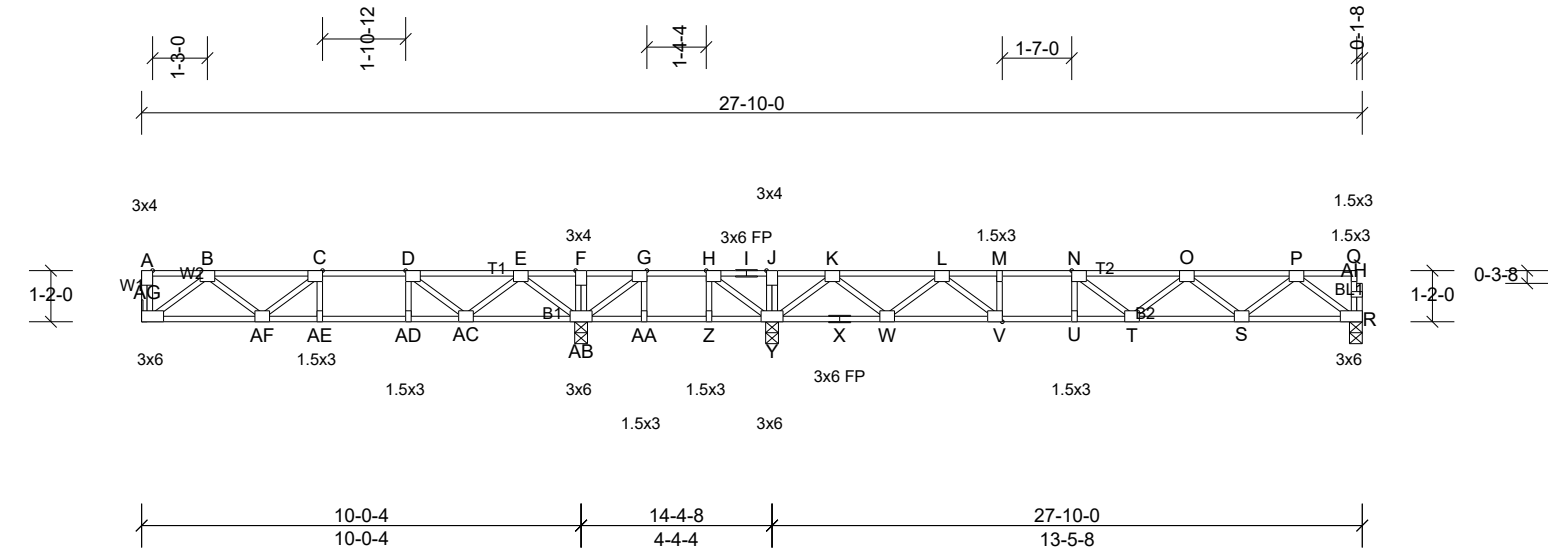
Plate Offsets (X, Y): [C:0-1-8,Edge], [D:0-1-8,Edge], [V:0-1-8,Edge], [W:0-1-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.97	Vert(LL)	-0.28	U-V	>769	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.92	Vert(CT)	-0.38	U-V	>560	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.05	S	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 190 lb	FT = 20%F, 11%E

LUMBER				BRACING			
TOP CHORD	2x4 SP No.2(flat)			TOP CHORD	Structural wood sheathing directly applied, except end verticals.		
BOT CHORD	2x4 SP No.1(flat)			BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.		
WEBS	2x4 SP No.3(flat)						
OTHERS	2x4 SP No.3(flat)						
REACTIONS (lb/size)							
S=852/0-3-8, (min. 0-1-8), AA=1837/0-3-8, (min. 0-1-8),							
AF=339/ Mechanical, (min. 0-1-8)							
Max Uplift AF=-35 (LC 4)							
Max Grav S=868 (LC 7), AA=1837 (LC 1), AF=466 (LC 3)							
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.							
TOP CHORD							
B-C=-775/192, C-D=-907/519, D-E=-427/1002, E-F=0/2041, F-G=0/2041, G-H=-629/66, H-I=-2235/0, I-J=-2235/0, J-K=-2235/0, K-L=-3252/0, L-M=-3252/0, M-N=-3252/0, N-O=-2936/0, O-P=-2936/0, P-Q=-1800/0							
BOT CHORD							
AE-AF=-39/565, AD-AE=-519/907, AC-AD=-519/907, AB-AC=-519/907, AA-AB=-1349/6, Z-AA=-693/0, Y-Z=-693/0, X-Y=0/1546, W-X=0/2779, V-W=0/3252, U-V=0/3217, T-U=0/2491, S-T=0/1084							
WEBS							
B-AF=-708/48, B-AE=-200/274, C-AE=-169/418, C-AD=-283/0, E-AA=-1073/0, E-AB=0/774, D-AB=-973/0, D-AC=0/314, G-AA=-1691/0, G-Y=0/1270, H-Y=-1228/0, H-X=0/917, K-X=-736/0, K-W=0/846, L-W=-369/0, Q-S=-1357/0, Q-T=0/933, P-T=-899/0, P-U=0/569, N-U=-358/0, N-V=-264/359							

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - All plates are 3x4 (≠) MT20 unless otherwise indicated.
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 35 lb uplift at joint AF.
 - 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.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - CAUTION, Do not erect truss backwards.
- LOAD CASE(S)** Standard

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4612140	F03	Floor	1	1	Job Reference (optional)



Scale = 1:51.9

Plate Offsets (X, Y): [C:0-1-8,Edge], [D:0-1-8,Edge], [G:0-1-8,Edge], [H:0-1-8,Edge], [N:0-1-8,Edge], [V:0-1-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.60	Vert(LL)	-0.13	T-U	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.77	Vert(CT)	-0.17	T-U	>925	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.38	Horz(CT)	0.03	R	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 141 lb	FT = 20%F, 11%E

LUMBER
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat) *Except* B2:2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

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.

REACTIONS All bearings 0-3-8. except AG= Mechanical
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) except R=672 (LC 11), Y=1114 (LC 11), AB=842 (LC 3), AG=498 (LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-855/0, C-D=-1058/0, D-E=-649/55, E-F=0/784, F-G=0/784, G-H=0/673, H-I=0/918, I-J=0/918, J-K=0/918, K-L=-857/0, L-M=-1911/0, M-N=-1911/0, N-O=-1905/0, O-P=-1315/0
BOT CHORD AF-AG=0/602, AE-AF=0/1058, AD-AE=0/1058, AC-AD=0/1058, AB-AC=-215/268, AA-AB=-673/0, Z-AA=-673/0, Y-Z=-673/0, X-Y=-112/259, W-X=-112/259, V-W=0/1466, U-V=0/1911, T-U=0/1911, S-T=0/1790, R-S=0/816
WEBS B-AG=-755/0, B-AF=0/330, C-AF=-259/34, E-AB=-890/0, E-AC=0/540, D-AC=-600/0, G-AB=-296/77, H-Y=-491/0, P-R=-1021/0, P-S=0/650, O-S=-617/0, K-Y=-1225/0, K-W=0/802, L-W=-825/0, L-V=0/698, M-V=-258/0

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - All plates are 3x4 (=) MT20 unless otherwise indicated.
 - Refer to girder(s) for truss to truss connections.
 - 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.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4612140	F04	Floor	2	1	Job Reference (optional)

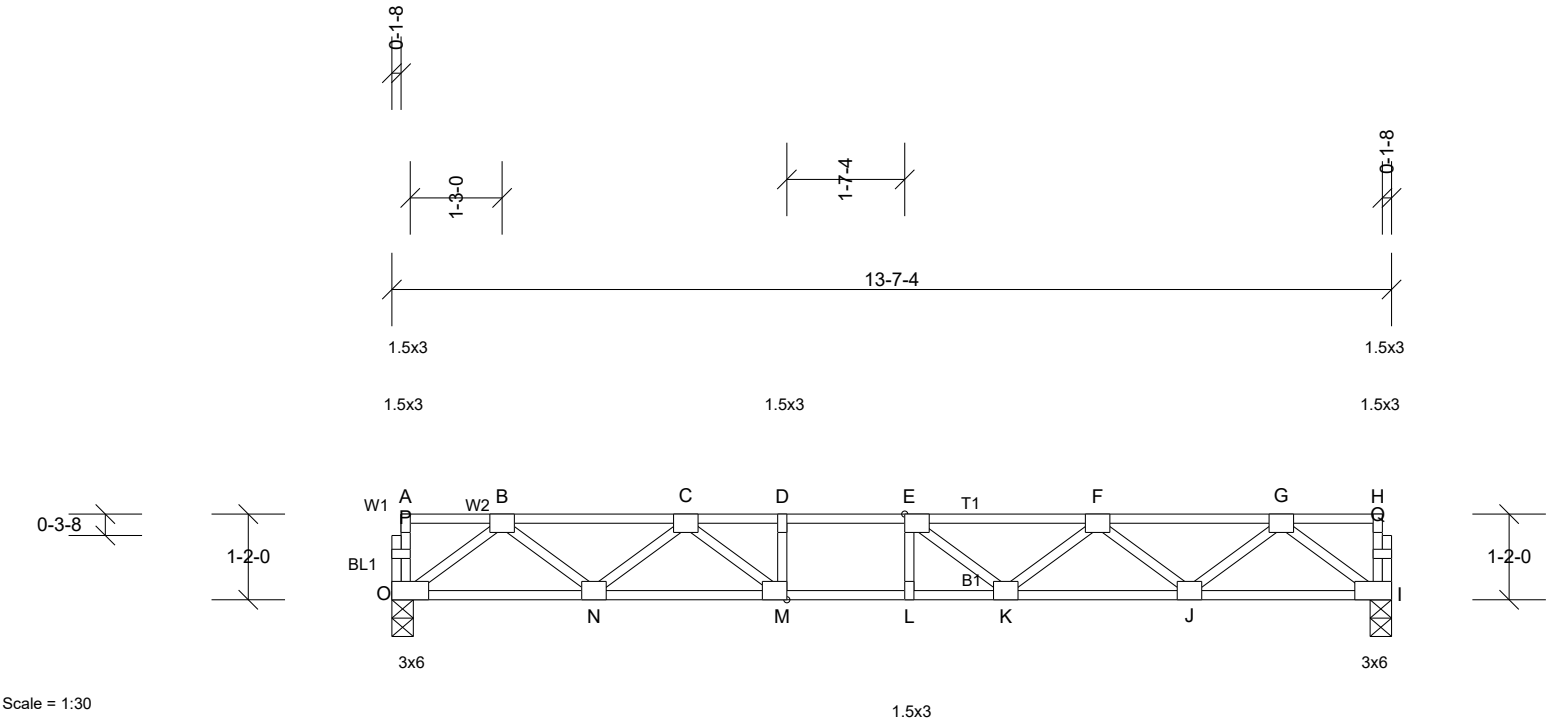


Plate Offsets (X, Y): [E:0-1-8,Edge], [M:0-1-8,Edge]									
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	PLATES
TCLL	40.0	Plate Grip DOL	1.00	TC	0.54	Vert(LL)	-0.14	K-L	MT20
TCDL	10.0	Lumber DOL	1.00	BC	0.99	Vert(CT)	-0.19	K-L	GRIP
BCLL	0.0	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.04	I	244/190
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S					Weight: 69 lb
									FT = 20%F, 11%E

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2(flat)	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	2x4 SP No.3(flat)		
OTHERS	2x4 SP No.3(flat)		

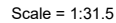
REACTIONS (lb/size) I=728/0-3-8, (min. 0-1-8), O=728/0-3-8, (min. 0-1-8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-1442/0, C-D=-2309/0, D-E=-2309/0, E-F=-2186/0, F-G=-1459/0
BOT CHORD N-O=0/901, M-N=0/1972, L-M=0/2309, K-L=0/2309, J-K=0/1995, I-J=0/893
WEBS G-I=-1118/0, G-J=0/736, F-J=-698/0, F-K=0/329, E-K=-350/52, B-O=-1127/0, B-N=0/705, C-N=-689/0, C-M=0/599

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - All plates are 3x4 (=) MT20 unless otherwise indicated.
 - 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.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Builders FirstSource, Ernesto Barros Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:20:19 Page: 1
ID:Jbix2a0GkWJnxfPgf3G6s?ywCeg-LyQ4N6p?hYQLkKm?8c4qgbqPyHSWw?8wrrfL_zNoJx



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.15	Vert(LL)	-0.01	O	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.16	Vert(CT)	-0.01	O	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.11	Horz(CT)	0.00	M	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 73 lb	FT = 20%F, 11%E

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.3(flat)

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.

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) Q, R, S, T, U, V, W, X except M=412 (LC 7), P=421 (LC 7)

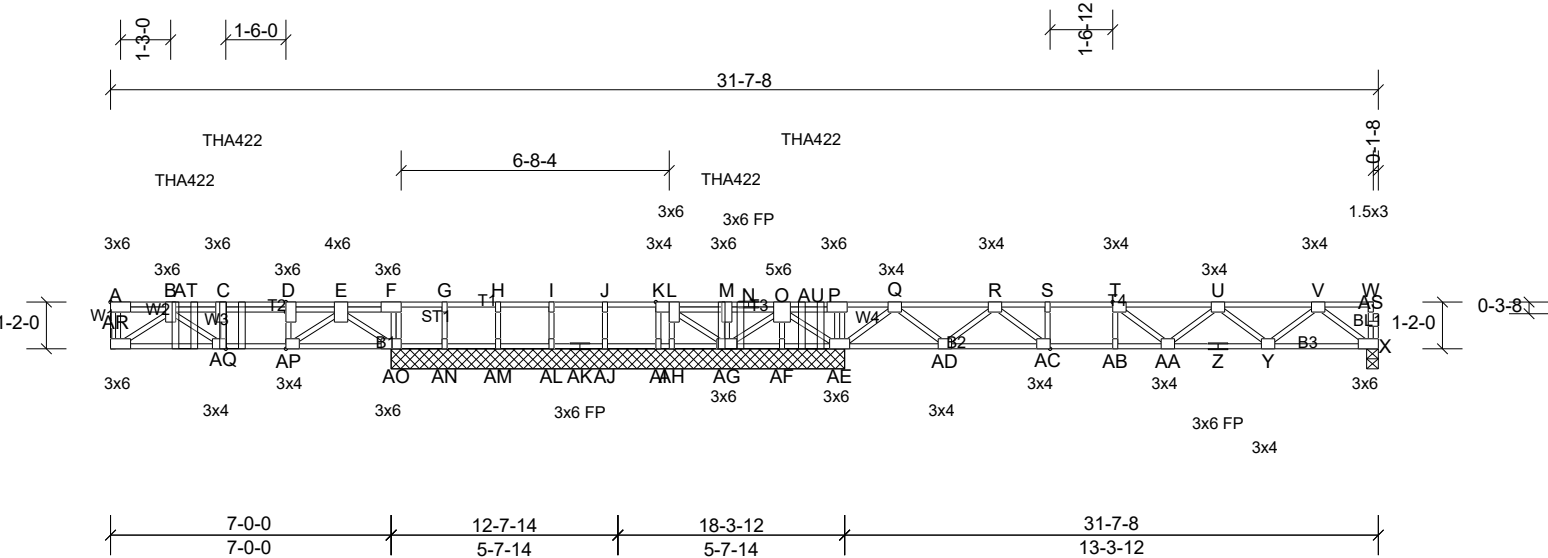
TOP CHORD J-K=-410/0
BOT CHORD O-P=0/410, N-O=0/410, M-N=0/410
WEBS J-P=-476/0, K-M=-486/0

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 (||) MT20 unless otherwise indicated.
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- 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) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 7) CAUTION, Do not erect truss backwards.
- 8) Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent spaced at 2-0-0 oc max. starting at 11-8-4 from the left end to 13-8-4 to connect truss(es) F11 (1 ply 2x4 SP) to back face of top chord.
- 9) Fill all nail holes where hanger is in contact with lumber.

Standard

- 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (lb/ft)
Vert: M-X=-10, A-L=-100
Concentrated Loads (lb)
Vert: J=-73, Z=-91

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4612140	F06	Floor Girder	1	1	Job Reference (optional)



Scale = 1:56.9

Plate Offsets (X, Y): [D:0-3-0,Edge], [K:0-1-8,Edge], [T:0-1-8,Edge], [AC:0-1-8,Edge], [AP:0-1-8,Edge], [AQ:0-1-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.69	Vert(LL)	-0.13 AA-AB	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.84	Vert(CT)	-0.17 AA-AB	>929	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.39	Horz(CT)	0.03 X	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S						Weight: 173 lb	FT = 20%F, 11%E

LUMBER
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat) *Except* B2:2x4 SP No.1(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

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.

REACTIONS All bearings 11-3-12. except AR= Mechanical, X=0-3-8
(lb) - Max Uplift All uplift 100 (lb) or less at joint(s) AG, AH except AF=-211 (LC 4)
Max Grav All reactions 250 (lb) or less at joint(s) AF, AH, AI, AJ, AL, AM, AN except X=637 (LC 4), AE=1478 (LC 7), AG=260 (LC 22), AO=575 (LC 9), AR=604 (LC 22)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-AT=-997/0, C-AT=-997/0, C-D=-997/0, D-E=-997/0, O-AU=0/1177, P-AU=0/1177, P-Q=0/1194, Q-R=-502/0, R-S=-1670/0, S-T=-1670/0, T-U=-1732/0, U-V=-1228/0
BOT CHORD AQ-AR=0/764, AP-AQ=0/997, AO-AP=0/490, AF-AG=-510/0, AE-AF=-510/0, AC-AD=0/1158, AB-AC=0/1670, AA-AB=0/1670, Z-AA=0/1664, Y-Z=0/1664, X-Y=0/769
WEBS B-AR=-938/0, E-AO=-667/0, B-AQ=0/359, E-AP=0/650, D-AP=-343/0, V-X=-961/0, V-Y=0/598, U-Y=-567/0, Q-AE=-1324/0, Q-AD=0/821, R-AD=-856/0, R-AC=0/704, S-AC=-259/0, O-AE=-834/0, O-AG=0/393, M-AG=-265/0

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - All plates are 1.5x3 (||) MT20 unless otherwise indicated.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1-4-0 oc.
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) AG, AH except (jt=lb) AF=210.
 - 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.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - CAUTION, Do not erect truss backwards.
 - Use Simpson Strong-Tie THA422 (6-16d Truss) or equivalent spaced at 12-5-4 oc max. starting at 1-10-4 from the left end to 17-5-12 to connect truss(es) F10 (1 ply 2x4 SP), F11 (1 ply 2x4 SP) to front face of top chord.
 - Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

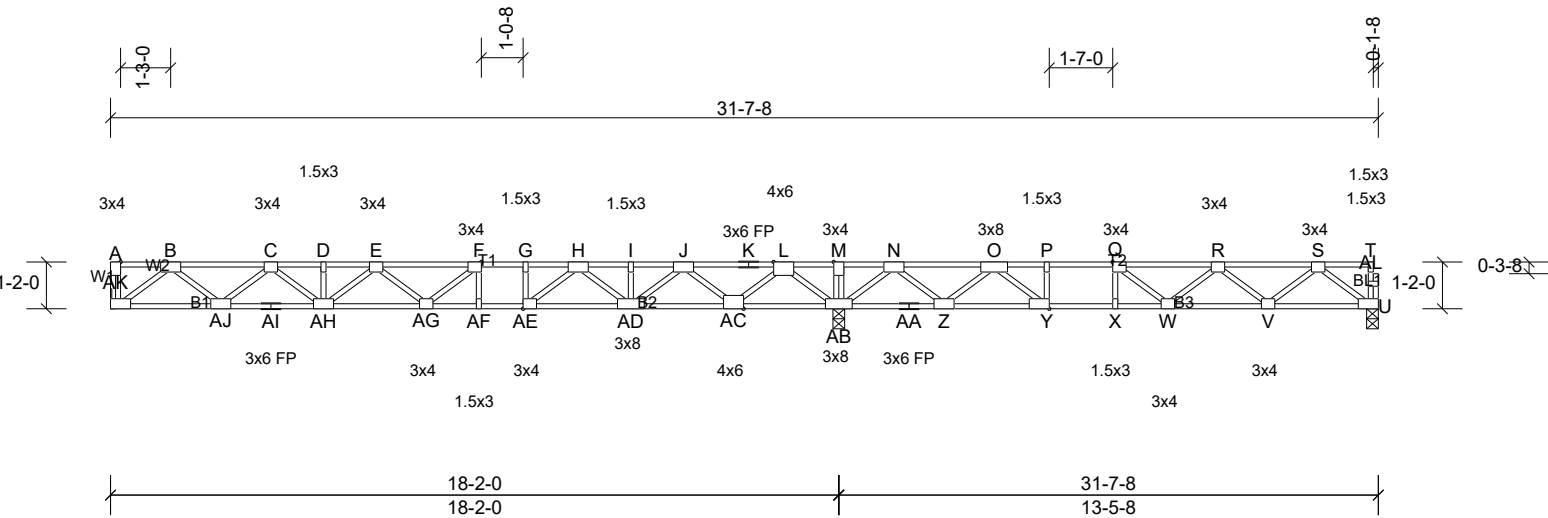
Uniform Loads (lb/ft)

Vert: X-AR=-10, A-W=-100

Concentrated Loads (lb)

Vert: C=-89, M=-73, AT=-89, AU=-73

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4612140	F07	Floor	1	1	Job Reference (optional)



Scale = 1:56.9

Plate Offsets (X, Y): [F:0-1-8,Edge], [Q:0-1-8,Edge], [Y:0-1-8,Edge], [AE:0-1-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	1.00	Vert(LL)	-0.28 AF-AG	>787	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.93	Vert(CT)	-0.37 AF-AG	>590	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.05 AB	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S						Weight: 161 lb	FT = 20%F, 11%E

LUMBER
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.1(flat) *Except* B1:2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

BRACING
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS (lb/size) U=515/0-3-8, (min. 0-1-8), AB=2094/0-3-8, (min. 0-1-8),
AK=836/ Mechanical, (min. 0-1-8)
Max Grav U=629 (LC 4), AB=2094 (LC 1), AK=865 (LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=-1781/0, C-D=-2865/0, D-E=-2865/0, E-F=-3212/0, F-G=-3084/0, G-H=-3084/0, H-I=-1936/0, I-J=-1936/0, J-K=-219/505, K-L=-219/505, L-M=0/2667, M-N=0/2667, N-O=-425/1391, O-P=-1622/576, P-Q=-1622/576, Q-R=-1700/251, R-S=-1211/27
BOT CHORD AJ-AK=0/1073, AI-AJ=0/2451, AH-AI=0/2451, AG-AH=0/3213, AF-AG=0/3084, AE-AF=0/3084, AD-AE=0/2554, AC-AD=-187/1189, AB-AC=-1246/0, AA-AB=-1734/0, Z-AA=-1734/0, Y-Z=-1019/1091, X-Y=-576/1622, W-X=-576/1622, V-W=-81/1641, U-V=0/760
WEBS S-U=-950/0, S-V=-40/588, R-V=-559/70, Q-W=0/537, Q-X=-337/0, N-AB=-1436/0, N-Z=0/993, O-Z=-1074/0, O-Y=0/1064, P-Y=-382/0, B-AK=-1347/0, B-AJ=0/921, C-AJ=-873/0, C-AH=0/528, E-AH=-444/0, F-AG=-128/445, F-AF=-292/0, L-AB=-1783/0, L-AC=0/1349, J-AC=-1309/0, J-AD=0/1000, H-AD=-836/0, H-AE=0/885, G-AE=-300/0

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x6 (=) MT20 unless otherwise indicated.
3) Refer to girder(s) for truss to truss connections.
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.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Builders FirstSource, Ernesto Barros Run: 8.82 S Dec 4 2024 Print: 8.820 S Dec 4 2024 MiTek Industries, Inc. Wed Apr 23 16:20:19 Page: 1
ID:179sxsChwkdTefQ8IP7EbaywCjb-LyQ4N6p?hYQLkKm?8c4qgbqCgHG1WsiwrnEL_zNoJx



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	1.00	Vert(LL)	-0.29 AF-AG	>751	480	MT20HS	187/143
TCDL	10.0	Lumber DOL	1.00	BC	0.92	Vert(CT)	-0.39 AF-AG	>560	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.05 AB	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S						Weight: 161 lb	FT = 20%F, 11%E

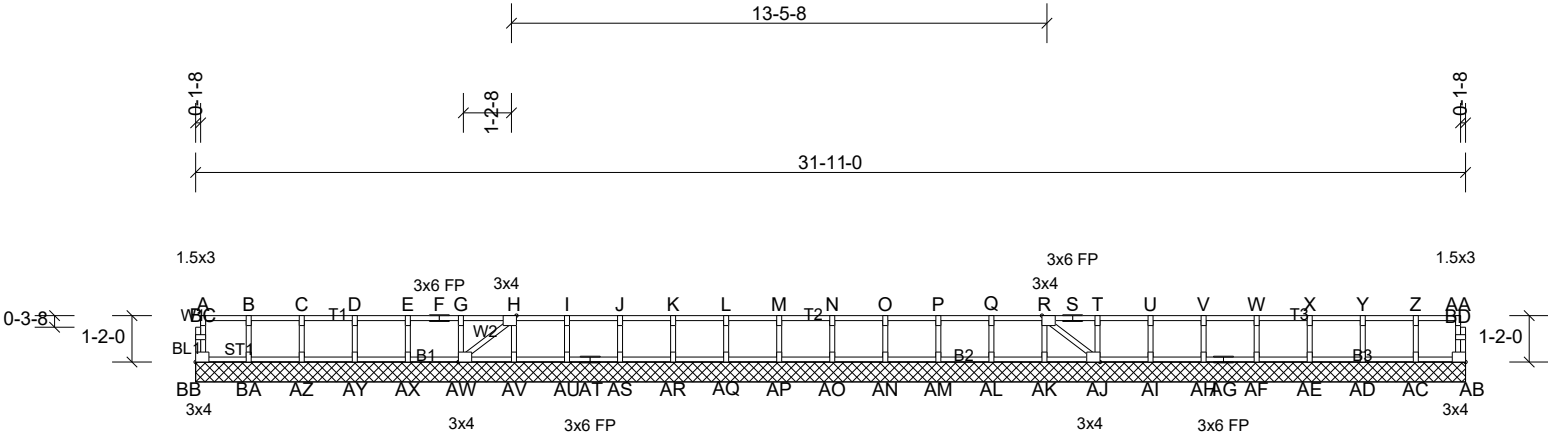
REACTIONS (lb/size)	U=516/0-3-8, (min. 0-1-8), AB=2106/0-3-8, (min. 0-1-8), AK=849/0-3-8, (min. 0-1-8)
Max Grav	U=630 (LC 4), AB=2106 (LC 1), AK=877 (LC 3)

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) All plates are 3x6 (=) MT20 unless otherwise indicated.
- 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.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 6) **CAUTION.** Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4612140	F09	Floor Supported Gable	1	1	Job Reference (optional)



Scale = 1:56.8

Plate Offsets (X, Y): [H:0-1-8,Edge], [R:0-1-8,Edge], [AJ:0-1-8,Edge], [AW:0-1-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 135 lb	FT = 20%F, 11%E

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2(flat)	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3(flat)		
OTHERS	2x4 SP No.3(flat)		

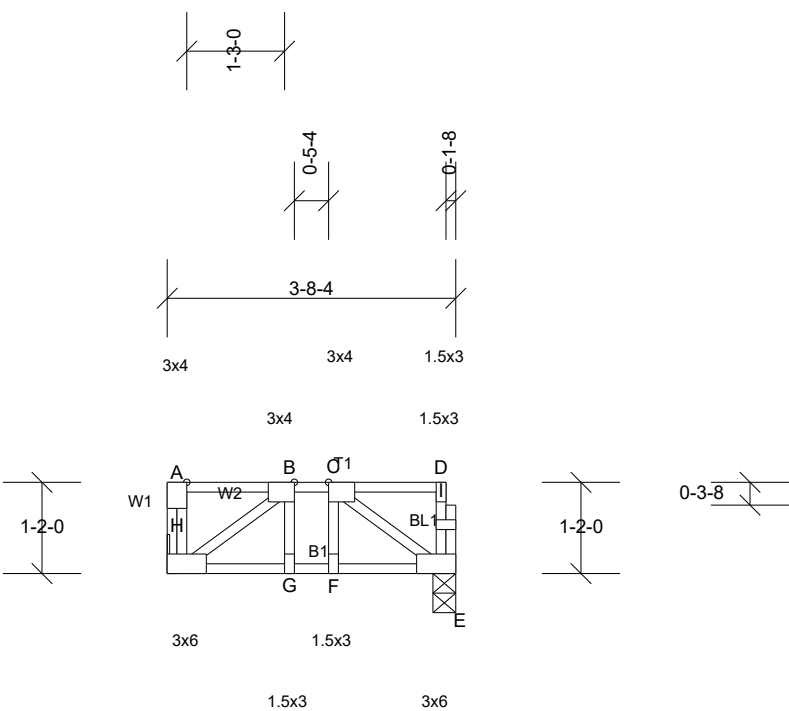
REACTIONS All bearings 31-11-0.
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) AB, AC, AD, AE, AF, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AU, AV, AW, AX, AY, AZ, BA, BB

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

- NOTES**
- All plates are 1.5x3 (||) MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1-4-0 oc.
 - 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.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4612140	F10	Floor	2	1	Job Reference (optional)



Scale = 1:23.4

Plate Offsets (X, Y): [B:0-1-8,Edge], [C:0-1-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.12	Vert(LL)	0.00	G-H	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.08	Vert(CT)	0.00	G	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	E	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 23 lb	FT = 20%F, 11%E

LUMBER
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

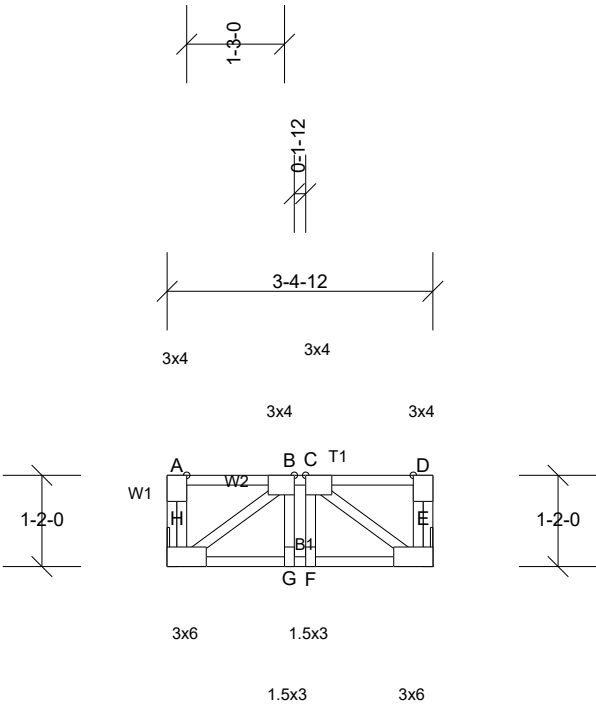
BRACING
TOP CHORD Structural wood sheathing directly applied or 3-8-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) E=183/0-3-8, (min. 0-1-8), H=189/ Mechanical, (min. 0-1-8)
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Reed 2, 1 Cameron Hill Rd.
4612140	F11	Floor	2	1	Job Reference (optional)



Scale = 1:23.4

Plate Offsets (X, Y): [B:0-1-8,Edge], [C:0-1-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.11	Vert(LL)	0.00	G-H	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.06	Vert(CT)	0.00	G	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	E	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 23 lb	FT = 20%F, 11%E

LUMBER
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-4-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) E=173/ Mechanical, (min. 0-1-8), H=173/ Mechanical, (min. 0-1-8)
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard