Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A1G	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, r thomas — Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Aug 22 12:01:59 — Page: 1

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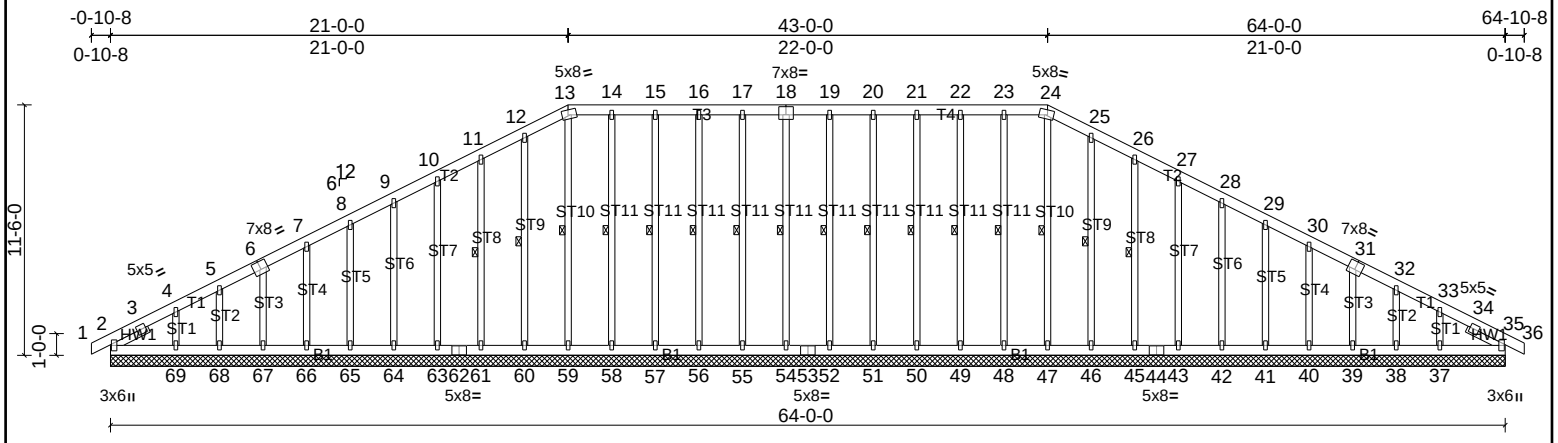

Plate Offsets (X, Y): [2:0-3-6,0-0-8], [6:0-4-0,0-4-8], [13:0-4-0,Edge], [18:0-4-0,0-4-8], [24:0-4-0,Edge], [31:0-4-0,0-4-8], [35:0-3-6,0-0-8]

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	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	35	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 661 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
OTHERS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 13-24.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 18-54, 19-52, 17-55, 16-56, 15-57, 14-58, 13-59, 12-60, 11-61, 20-51, 21-50, 22-49, 23-48, 24-47, 25-46, 26-45

REACTIONS All bearings 64-0-0.

(lb) - Max Horiz 2=-191 (LC 11), 74=-191 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) 2, 38, 39, 40, 41, 42, 43, 45, 46, 48, 49, 50, 51, 52, 54, 55, 56, 57, 58, 60, 61, 63, 64, 65, 66, 67, 68, 74 except 37=-127 (LC 11), 69=-150 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 35, 37, 38, 39, 40, 41, 42, 43, 45, 46, 47, 48, 49, 50, 51, 52, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 74

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

TOP CHORD 11-12=-112/289, 12-13=-127/332, 13-14=-115/320, 14-15=-114/320, 15-16=-114/320, 16-17=-114/320, 17-18=-114/320, 18-19=-114/320, 19-20=-114/320, 20-21=-114/320, 21-22=-114/320, 22-23=-114/320, 23-24=-115/320, 24-25=-127/332, 25-26=-112/289

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; 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.
4) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x5 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 54, 52, 55, 56, 57, 58, 60, 61, 63, 64, 65, 66, 67, 68, 51, 50, 49, 48, 46, 45, 43, 42, 41, 40, 39, 38, 2, 2 except (jt=lb) 69=149, 37=127.
12) 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.
13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A2	Truss	7	1	Job Reference (optional)

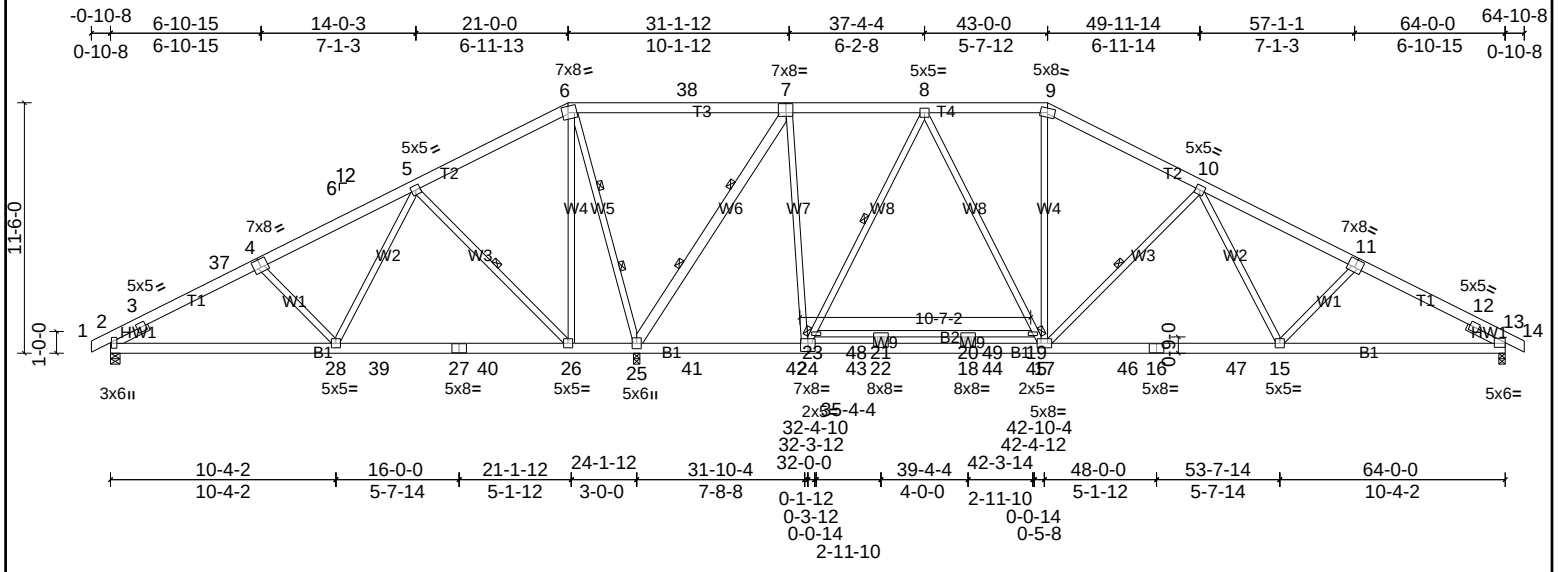

Plate Offsets (X, Y): [2:0-3-2,0-0-8], [4:0-4-0,0-4-8], [6:0-3-4,0-3-8], [7:0-3-12,0-5-0], [11:0-4-0,0-4-8], [13:Edge,0-2-10], [24:0-4-0,0-4-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.92	Vert(LL)	-0.27	20-21	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	1.00	Vert(CT)	-0.47	20-21	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.98	Horz(CT)	0.06	13	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 534 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2 *Except* T3:2x6 SP SS
BOT CHORD	2x6 SP No.2 *Except* B2:2x4 SP No.3
WEBS	2x4 SP No.3 *Except* W6:2x6 SP No.2
SLIDER	Left 2x4 SP No.3 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0

REACTIONS (lb/size) 2=1070/0-5-4, (min. 0-1-8), 13=1413/0-3-8, (min. 0-1-12), 25=4048/0-3-8, (req. 0-5-0)
Max Horiz 2=-191 (LC 11)
Max Uplift 2=-262 (LC 10), 13=-204 (LC 11), 25=-280 (LC 7)
Max Grav 2=1161 (LC 21), 13=1460 (LC 22), 25=4239 (LC 2)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-0-1 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 6-9.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 26-28,25-26. 10-0-0 oc bracing: 19-23
WEBS	1 Row at midpt 5-26, 8-23, 10-17
WEBS	2 Rows at 1/3 pts 6-25, 7-25

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

TOP CHORD	2-3=-637/12, 3-37=-1465/439, 4-37=-1129/365, 4-5=-832/290, 5-6=-2/938, 6-38=-33/1267, 7-38=-33/1267, 7-8=-424/205, 8-9=-1265/370, 9-10=-1500/355, 10-11=-2168/481, 11-12=-2359/509, 12-13=-886/49
BOT CHORD	2-28=-439/1289, 28-39=-288/228, 27-39=-288/228, 27-40=-288/228, 26-40=-288/228, 25-26=-745/405, 25-41=-11/301, 41-42=-11/301, 24-42=-11/301, 24-43=0/800, 22-43=0/800, 18-22=0/800, 18-44=0/800, 44-45=0/800, 17-45=0/800, 17-46=-123/1711, 16-46=-123/1711, 16-47=-123/1711, 15-47=-123/1711, 13-15=-323/2031
WEBS	4-28=-986/425, 5-28=-214/1130, 5-26=-1007/420, 6-26=-172/922, 8-19=-120/919, 17-19=-153/911, 9-17=0/352, 11-15=-287/251, 23-24=-1097/225, 8-23=-1083/256, 7-24=-28/1596, 6-25=-1908/466, 7-25=-2739/445, 10-17=-719/368, 10-15=-72/434

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=35ft; Cat. II; Exp B; 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) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 5x5 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) WARNING: Required bearing size at joint(s) 25 greater than input bearing size.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 262 lb uplift at joint 2, 204 lb uplift at joint 13 and 280 lb uplift at joint 25.
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.
11) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 750 lb down and 193 lb up at 5-4-12, and 350 lb down and 90 lb up at 26-5-8 on top 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
Uniform Loads (lb/ft)
Vert: 1-6=-60, 6-9=-60, 9-14=-60, 29-33=-20, 19-23=-20

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A2	Truss	7	1	Job Reference (optional)

Concentrated Loads (lb)
Vert: 37=-750, 38=-350

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A3	Truss	2	1	Job Reference (optional)

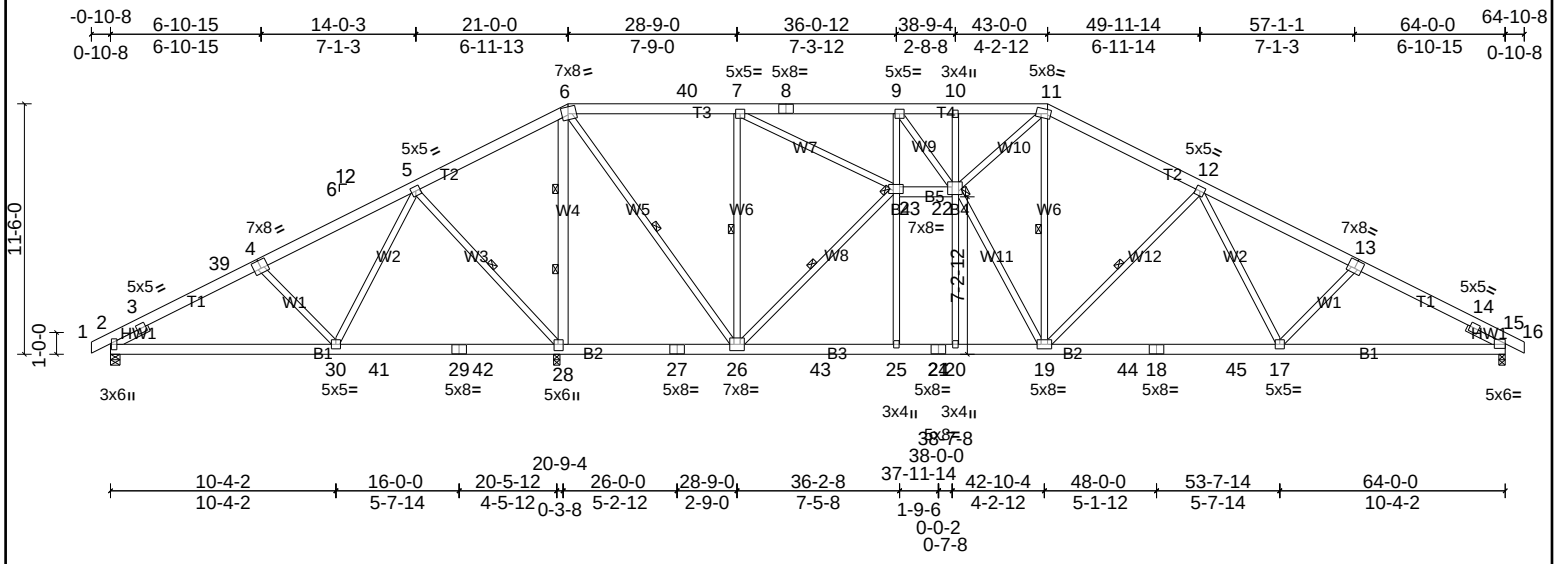

Plate Offsets (X, Y): [2:0-3-6,0-0-8], [4:0-4-0,0-4-8], [6:0-3-8,0-3-12], [11:0-1-12,0-2-4], [13:0-4-0,0-4-8], [15:Edge,0-2-10], [20:0-5-6,0-0-4], [22:0-2-8,0-4-4], [23:0-5-8,0-1-12], [28:0-3-8,0-2-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.96	Vert(LL)	-0.24	17-19	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.45	17-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.99	Horz(CT)	0.21	15	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 554 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B4:2x4 SP No.3
WEBS	2x4 SP No.3 *Except* W5:2x4 SP No.2, W4:2x6 SP No.2
SLIDER	Left 2x4 SP No.3 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0

REACTIONS (lb/size)
2=298/0-5-4, (min. 0-1-8), 15=1301/0-3-8, (min. 0-1-9), 28=4780/0-3-8, (req. 0-5-10)
Max Horiz 2=-191 (LC 15)
Max Uplift 2=-304 (LC 10), 15=-278 (LC 11), 28=-381 (LC 7)
Max Grav 2=495 (LC 21), 15=1316 (LC 22), 28=4780 (LC 1)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-7-11 oc purlins, except 2-0-0 oc purlins (5-7-0 max.): 6-11.
BOT CHORD	Rigid ceiling directly applied or 4-10-11 oc bracing. Except: 6-0-0 oc bracing: 20-22 10-0-0 oc bracing: 23-25
WEBS	1 Row at midpt 5-28, 7-26, 23-26, 11-19, 12-19, 6-26
WEBS	2 Rows at 1/3 pts 6-28
JOINTS	1 Brace at Jt(s): 22, 23

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

TOP CHORD	2-3=-256/266, 3-39=-309/708, 4-39=-117/1056, 4-5=-96/1347, 5-6=-116/2488, 6-40=0/592, 7-40=0/592, 7-8=-1113/330, 8-9=-1113/330, 9-10=-1659/429, 10-11=-1664/432, 11-12=-1026/517, 12-13=-1796/619, 13-14=-2019/645, 14-15=-788/103
BOT CHORD	2-30=-639/410, 30-41=-1645/268, 29-41=-1645/268, 29-42=-1645/268, 28-42=-1645/268, 27-28=-2054/498, 26-27=-2054/498, 9-23=-1047/292, 22-23=-14/1129, 19-44=-258/1333, 18-44=-258/1333, 18-45=-258/1333, 17-45=-258/1333, 15-17=-442/1728
WEBS	4-30=-1084/429, 5-30=-219/1203, 5-28=-1057/429, 7-26=-1597/330, 23-26=-723/277, 7-23=-41/1753, 9-22=-172/948, 19-22=-31/1633, 11-22=-36/1150, 11-19=-688/50, 12-19=-749/354, 12-17=-47/536, 13-17=-296/244, 6-26=-526/2694, 6-28=-3800/707

NOTES (14)

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=35ft; Cat. II; Exp B; 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) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 5x5 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) WARNING: Required bearing size at joint(s) 28 greater than input bearing size.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 304 lb uplift at joint 2, 381 lb uplift at joint 28 and 278 lb uplift at joint 15.
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.
11) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 750 lb down and 193 lb up at 5-4-12, and 350 lb down and 90 lb up at 26-5-8 on top chord. The design/selection of such connection device(s) is the responsibility of others.
14) Bottom chord may be cut out by others between Joint 20 and Joint 25 after truss has been installed and braced.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)

NORTH CAROLINA PROFESSIONAL SEAL 054919 ENGINEER HUNTER B. DOSS 8/22/2023

This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A3	Truss	2	1	Job Reference (optional)

Vert: 1-6=-60, 6-11=-60, 11-16=-60, 25-31=-20, 24-25=-20, 22-23=-20, 20-21=-20, 20-35=-20

Concentrated Loads (lb)

Vert: 39=-750, 40=-350

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A4	Truss	1	1	Job Reference (optional)

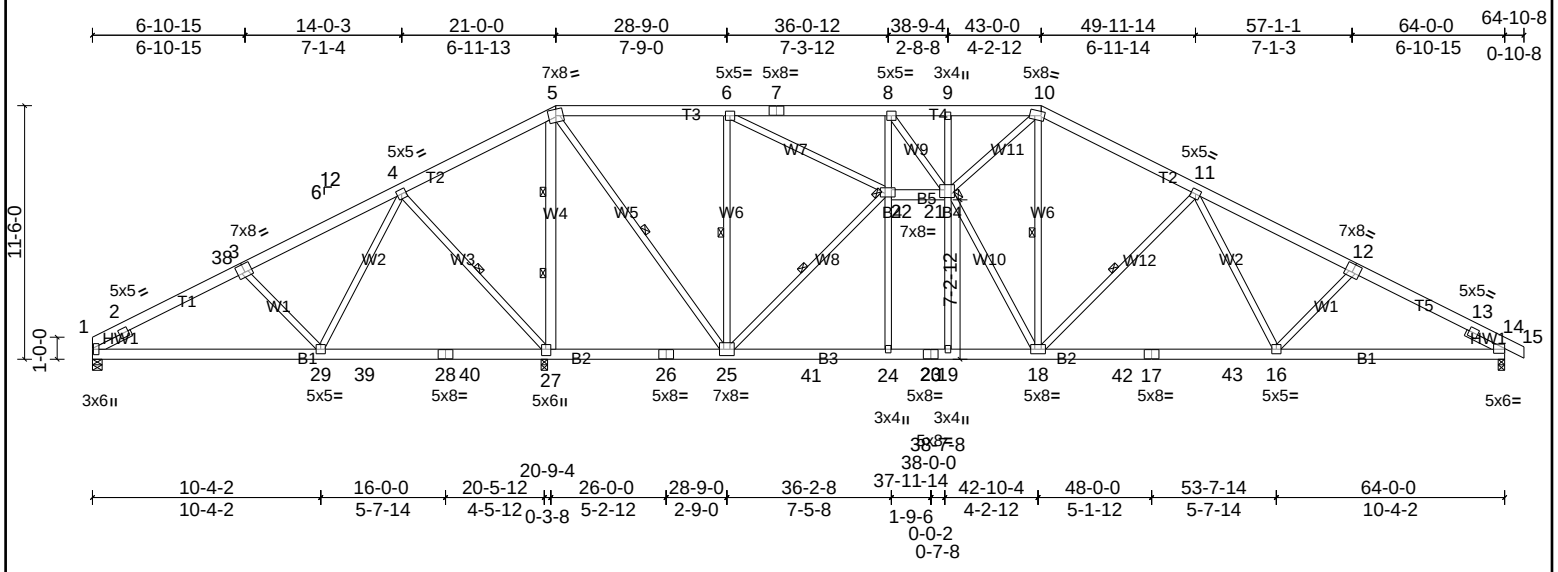

Plate Offsets (X, Y): [1:0-3-6,0-0-8], [3:0-4-0,0-4-8], [10:0-1-12,0-2-4], [12:0-4-0,0-4-8], [14:Edge,0-2-10], [19:0-5-6,0-0-4], [21:0-2-12,0-4-4], [22:0-5-8,0-2-0], [27:0-3-8,0-2-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.64	Vert(LL)	-0.23	16-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.43	16-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.99	Horz(CT)	0.18	14	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 552 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B4:2x4 SP No.3
WEBS	2x4 SP No.3 *Except* W4:2x6 SP No.2
SLIDER	Left 2x4 SP No.3 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0

REACTIONS (lb/size) 1=258/0-5-4, (min. 0-1-8), 14=1276/0-3-8, (min. 0-1-8), 27=4443/0-3-8, (req. 0-5-4)
Max Horiz 1=-199 (LC 11)
Max Uplift 1=-286 (LC 10), 14=-273 (LC 11), 27=-313 (LC 7)
Max Grav 1=454 (LC 21), 14=1291 (LC 22), 27=4443 (LC 1)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-8-11 oc purlins, except 2-0-0 oc purlins (5-10-9 max.): 5-10.
BOT CHORD	Rigid ceiling directly applied or 4-11-7 oc bracing. Except: 6-0-0 oc bracing: 19-21 10-0-0 oc bracing: 22-24
WEBS	1 Row at midpt 4-27, 6-25, 22-25, 10-18, 11-18, 5-25
WEBS	2 Rows at 1/3 pts 5-27
JOINTS	1 Brace at Jt(s): 21, 22

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

TOP CHORD	1-2=-372/122, 2-38=-389/598, 3-38=-175/930, 3-4=-73/1231, 4-5=-90/2390, 5-6=0/685, 6-7=-950/289, 7-8=-950/289, 8-9=-1491/387, 9-10=-1498/390, 10-11=-972/503, 11-12=-1746/607, 12-13=-1971/633, 13-14=-773/99
BOT CHORD	1-29=-540/491, 29-39=-1528/244, 28-39=-1528/244, 28-40=-1528/244, 27-40=-1528/244, 26-27=-1983/480, 25-26=-1983/480, 8-22=-1127/312, 21-22=0/962, 18-42=-246/1287, 17-42=-246/1287, 17-43=-246/1287, 16-43=-246/1287, 14-16=-431/1686
WEBS	3-29=-1121/440, 4-29=-222/1209, 4-27=-1116/444, 6-25=-1252/252, 22-25=-865/313, 6-22=-27/1684, 8-21=-171/945, 18-21=-8/1540, 10-21=-1/988, 10-18=-607/33, 11-18=-750/354, 11-16=-48/541, 12-16=-299/245, 5-25=-449/2396, 5-27=-3413/607

NOTES (14)

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=35ft; Cat. II; Exp B; 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) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 5x5 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) WARNING: Required bearing size at joint(s) 27 greater than input bearing size.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 1, 313 lb uplift at joint 27 and 273 lb uplift at joint 14.
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.
11) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 750 lb down and 193 lb up at 6-3-4 on top chord. The design/selection of such connection device(s) is the responsibility of others.
14) Bottom chord may be cut out by others between Joint 19 and Joint 24 after truss has been installed and braced.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)

Continued on page 2

Vert: 1-5=-60, 5-10=-60, 10-15=-60, 24-30=-20, 23-24=-20, 21-22=-20, 19-20=-20, 19-34=-20

Concentrated Loads (lb)

Vert: 38=-750

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A5L	Truss	1	1	Job Reference (optional)

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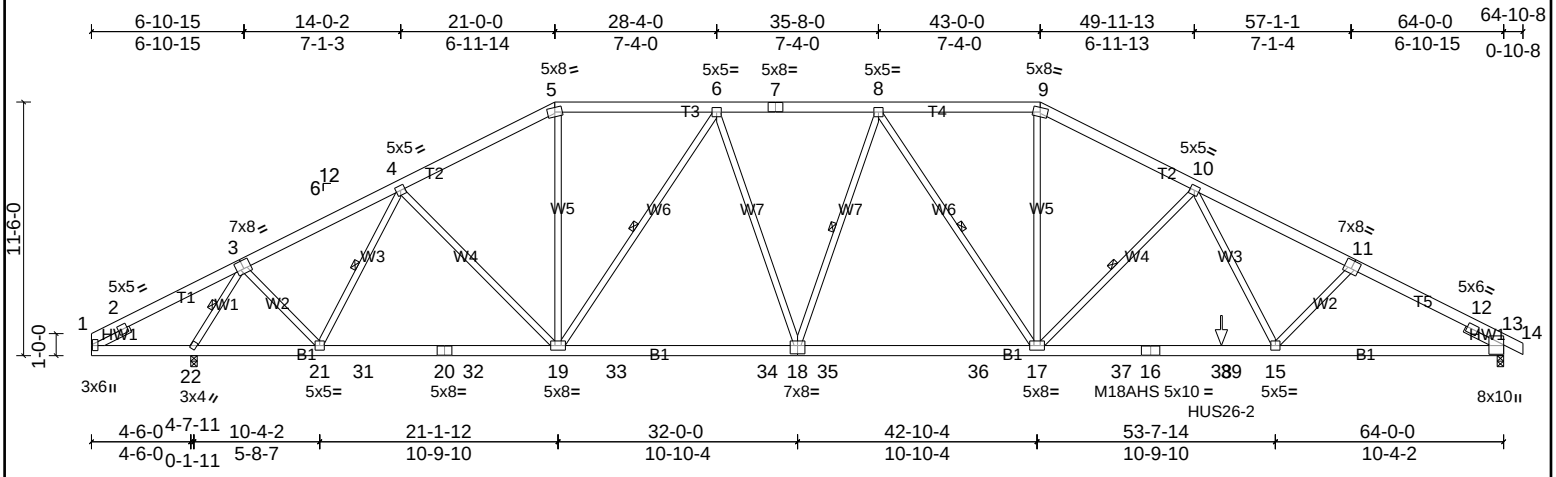

Plate Offsets (X, Y): [1:0-2-12,0-0-8], [3:0-4-0,0-4-8], [11:0-4-0,0-4-8], [18:0-4-0,0-4-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.74	Vert(LL)	-0.36	15-17	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.99	Vert(CT)	-0.67	15-17	>999	180	M18AHS	186/179
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.93	Horz(CT)	0.19	13	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 496 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2 *Except* T5:2x6 SP SS
BOT CHORD	2x6 SP No.1
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-9-12 oc purlins, except 2-0-0 oc purlins (3-9-8 max.): 5-9.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 1-22.
WEBS	1 Row at midpt 6-19, 8-18, 10-17, 8-17, 3-22, 4-21

REACTIONS (lb/size) 13=2596/0-3-8, (min. 0-3-1), 22=2801/0-3-8, (min. 0-3-5)
Max Horiz 22=-199 (LC 13)
Max Uplift 13=-337 (LC 9), 22=-293 (LC 8)
Max Grav 13=2596 (LC 1), 22=2832 (LC 2)

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

TOP CHORD	1-2=-185/377, 2-3=-25/372, 3-4=-2619/275, 4-5=-3220/383, 5-6=-2817/367, 6-7=-3511/443, 7-8=-3511/443, 8-9=-3292/443, 9-10=-3756/468, 10-11=-4472/582, 11-12=-4619/599, 12-13=-1623/88
BOT CHORD	21-22=-242/1340, 21-31=-263/2654, 20-31=-263/2654, 20-32=-263/2654, 19-32=-263/2654, 19-33=-312/3360, 33-34=-312/3360, 18-34=-312/3360, 18-35=-295/3520, 35-36=-295/3520, 17-36=-295/3520, 17-37=-272/3768, 16-37=-272/3768, 16-38=-272/3768, 38-39=-272/3768, 15-39=-272/3768, 13-15=-422/3993
WEBS	5-19=-40/1073, 6-19=-1079/277, 6-18=-32/546, 9-17=-69/1329, 10-17=-793/357, 10-15=-106/504, 8-17=-560/257, 3-22=-3067/328, 3-21=-30/1387, 4-21=-904/154, 4-19=-84/351

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=35ft; Cat. II; Exp B; 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
3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 337 lb uplift at joint 13 and 293 lb uplift at joint 22.
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) Use MiTek HUS26-2 (With 4-16d nails into Girder & 4-16d nails into Truss) or equivalent at 51-2-8 from the left end to connect truss(es) to front face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.
13) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-5=-60, 5-9=-60, 9-14=-60, 23-27=-20
Concentrated Loads (lb)
Vert: 38=-225 (F)

NORTH CAROLINA PROFESSIONAL SEAL 054919 ENGINEER HUNTER B. DOSS 8/22/2023

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A6	Truss	1	1	Job Reference (optional)

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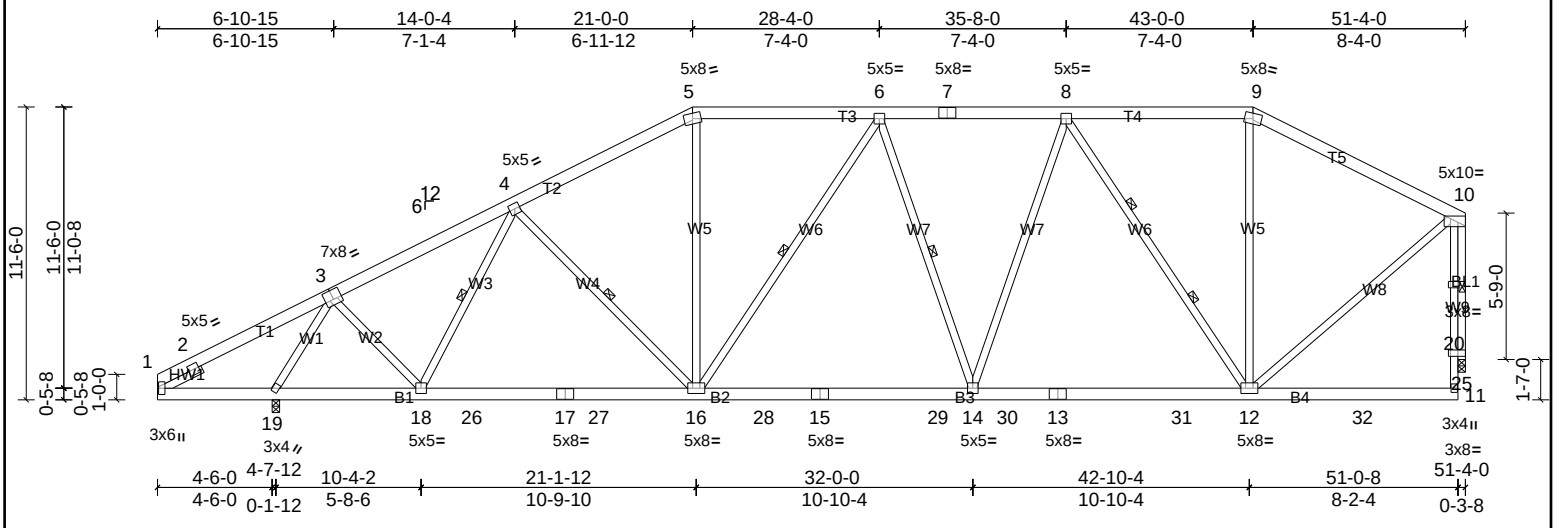

Plate Offsets (X, Y): [1:0-3-0,0-0-8], [3:0-4-0,0-4-8], [10:Edge,0-1-4], [20:0-3-8,0-1-8], [20:0-3-8,0-1-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.45	Vert(LL)	-0.16	12-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.29	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.10	25	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 427 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-8-11 oc purlins, except end verticals, and 2-0-0 oc purlins (4-11-13 max.): 5-9.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 1-19.
WEBS	1 Row at midpt 6-16, 6-14, 4-16, 4-18, 10-25
WEBS	2 Rows at 1/3 pts 8-12

REACTIONS (lb/size) 19=2245/0-3-8, (min. 0-2-11), 25=1827/0-3-8, (min. 0-1-8)
Max Horiz 19=334 (LC 10)
Max Uplift 19=-255 (LC 10), 25=-177 (LC 6)
Max Grav 19=2254 (LC 2), 25=1976 (LC 2)

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

TOP CHORD 1-2=-219/342, 2-3=-188/389, 3-4=-1958/447, 4-5=-2248/603, 5-6=-1942/594, 6-7=-2077/585, 7-8=-2077/585, 8-9=-1267/420, 9-10=-1498/390

BOT CHORD 1-19=-259/234, 18-19=-395/993, 18-26=-534/1924, 17-26=-534/1924, 17-27=-534/1924, 16-27=-534/1924, 16-28=-460/2115, 15-28=-460/2115, 15-29=-460/2115, 14-29=-460/2115, 14-30=-399/1886, 13-30=-399/1886, 13-31=-399/1886, 12-31=-399/1886

WEBS 5-16=-61/639, 6-16=-435/198, 8-14=-28/627, 8-12=-1172/286, 9-12=0/340, 10-12=-286/1543, 3-19=-2420/664, 3-18=-70/1021, 4-18=-598/210, 10-25=-1979/445

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 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) Provide adequate drainage to prevent water ponding.
4) All plates are 5x8 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.
7) Bearing at joint(s) 25 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 255 lb uplift at joint 19 and 177 lb uplift at joint 25.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A7	Truss	1	1	Job Reference (optional)

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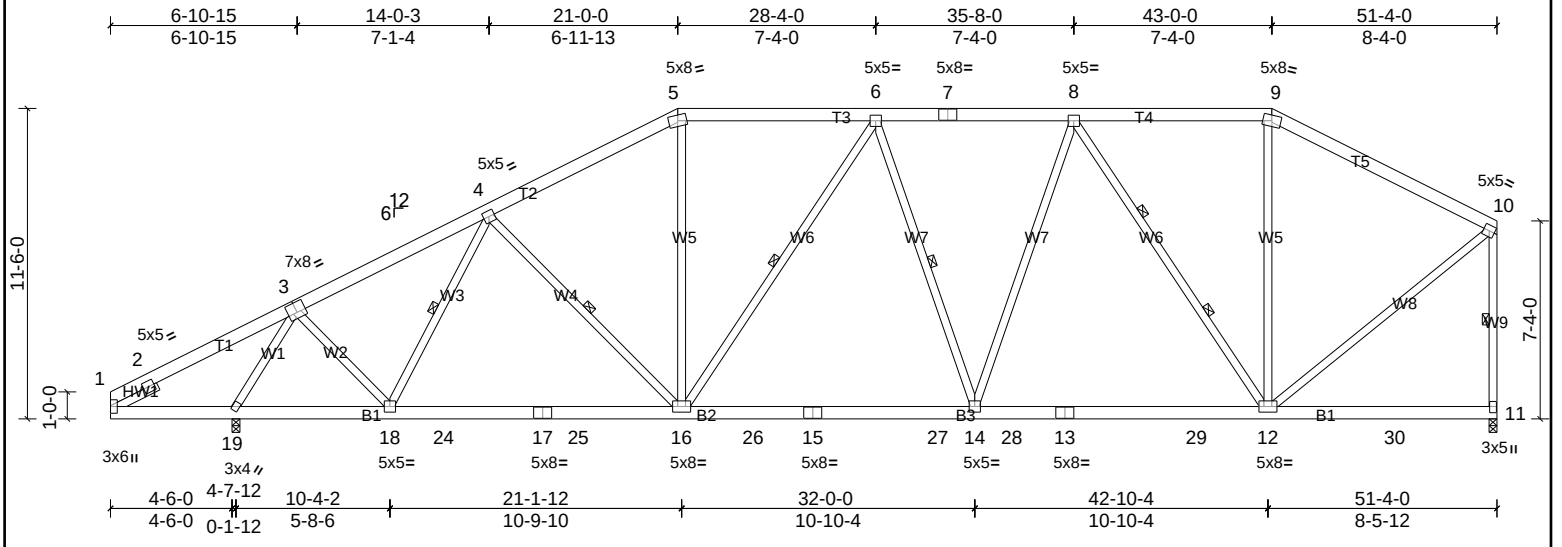

Plate Offsets (X, Y): [3:0-4-0,0-4-8], [11:0-2-12,0-1-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.76	Vert(LL)	-0.16	12-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.29	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.07	11	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 420 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 1-11-0

REACTIONS (lb/size) 11=1850/0-3-8, (min. 0-2-6), 19=2245/0-3-8, (min. 0-2-11)
Max Horiz 19=331 (LC 10)
Max Uplift 11=-177 (LC 6), 19=-255 (LC 10)
Max Grav 11=1998 (LC 2), 19=2254 (LC 2)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-8-11 oc purlins, except end verticals, and 2-0-0 oc purlins (4-11-13 max.): 5-9.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 1-19.
WEBS	1 Row at midpt 6-16, 6-14, 10-11, 4-18, 4-16
WEBS	2 Rows at 1/3 pts 8-12

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

TOP CHORD	5-6=-1941/596, 6-7=-2076/588, 7-8=-2076/588, 8-9=-1267/425, 9-10=-1482/391, 10-11=-1865/485, 1-2=-219/342, 2-3=-188/389, 3-4=-1957/448, 4-5=-2247/604
BOT CHORD	1-19=-259/234, 18-19=-389/993, 18-24=-529/1923, 17-24=-529/1923, 17-25=-529/1923, 16-25=-529/1923, 16-26=-456/2114, 15-26=-456/2114, 15-27=-456/2114, 14-27=-456/2114, 14-28=-395/1884, 13-28=-395/1884, 13-29=-395/1884, 12-29=-395/1884
WEBS	5-16=-62/639, 6-16=-435/199, 8-14=-28/627, 8-12=-1171/282, 9-12=0/337, 10-12=-306/1626, 3-19=-2419/665, 3-18=-71/1020, 4-18=-598/211

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 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) Provide adequate drainage to prevent water ponding.
4) All plates are 5x8 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 177 lb uplift at joint 11 and 255 lb uplift at joint 19.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A8	Truss	6	1	Job Reference (optional)

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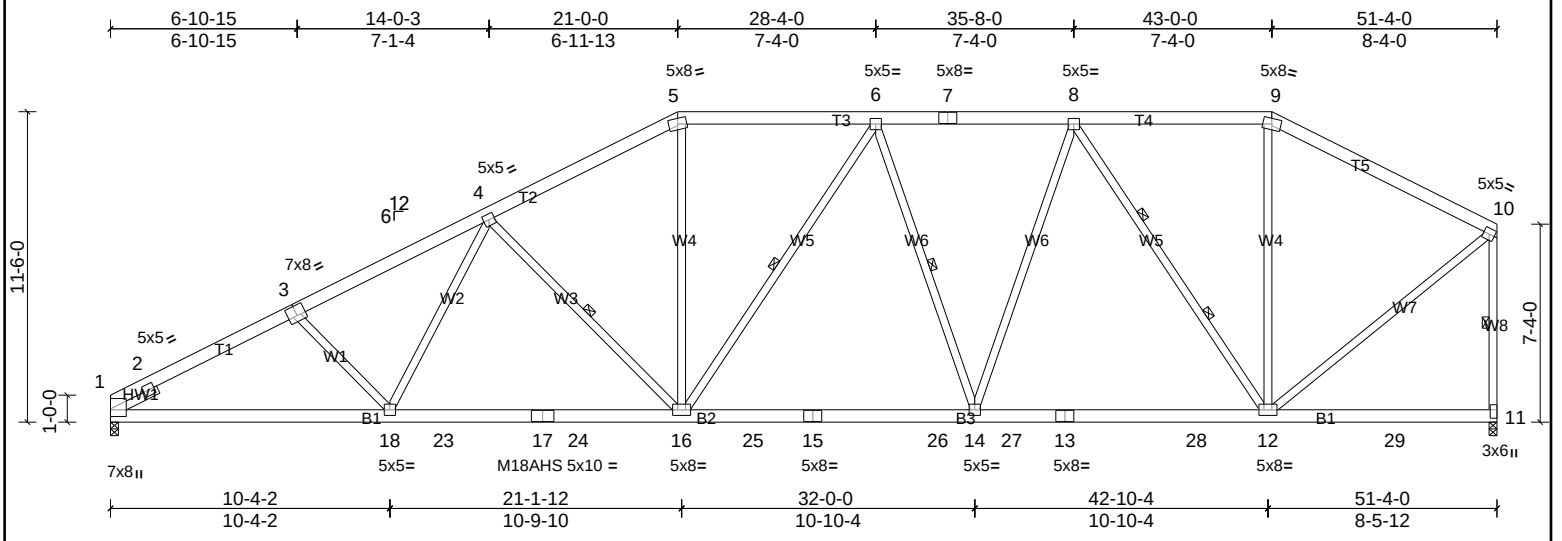

Plate Offsets (X, Y): [3:0-4-0,0-4-8], [11:Edge,0-3-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.89	Vert(LL)	-0.27	16-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-0.49	16-18	>999	180	M18AHS	186/179
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.12	11	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 413 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (4-5-5 max.): 5-9.	
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.	
WEBS	1 Row at midpt	4-16, 6-16, 6-14, 10-11
WEBS	2 Rows at 1/3 pts	8-12

REACTIONS (lb/size) 1=2048/0-3-8, (min. 0-2-7), 11=2048/0-3-8, (min. 0-2-9)
Max Horiz 1=331 (LC 10)
Max Uplift 1=-233 (LC 10), 11=-175 (LC 6)
Max Grav 1=2055 (LC 2), 11=2196 (LC 2)

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

TOP CHORD	1-2=-1446/183, 2-3=-3629/882, 3-4=-3461/859, 4-5=-2854/770, 5-6=-2482/743, 6-7=-2419/681, 7-8=-2419/681, 8-9=-1417/466, 9-10=-1649/436, 10-11=-2063/539
BOT CHORD	1-18=-965/3135, 18-23=-797/2906, 17-23=-797/2906, 17-24=-797/2906, 16-24=-797/2906, 16-25=-568/2524, 15-25=-568/2524, 15-26=-568/2524, 14-26=-568/2524, 14-27=-471/2162, 13-27=-471/2162, 13-28=-471/2162, 12-28=-471/2162
WEBS	4-18=-40/429, 4-16=-684/348, 5-16=-140/923, 6-16=-275/200, 6-14=-455/223, 8-14=-84/832, 8-12=-1404/346, 9-12=0/411, 10-12=-359/1819

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 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) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 233 lb uplift at joint 1 and 175 lb uplift at joint 11.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	A9G	Truss	1	1	Job Reference (optional)

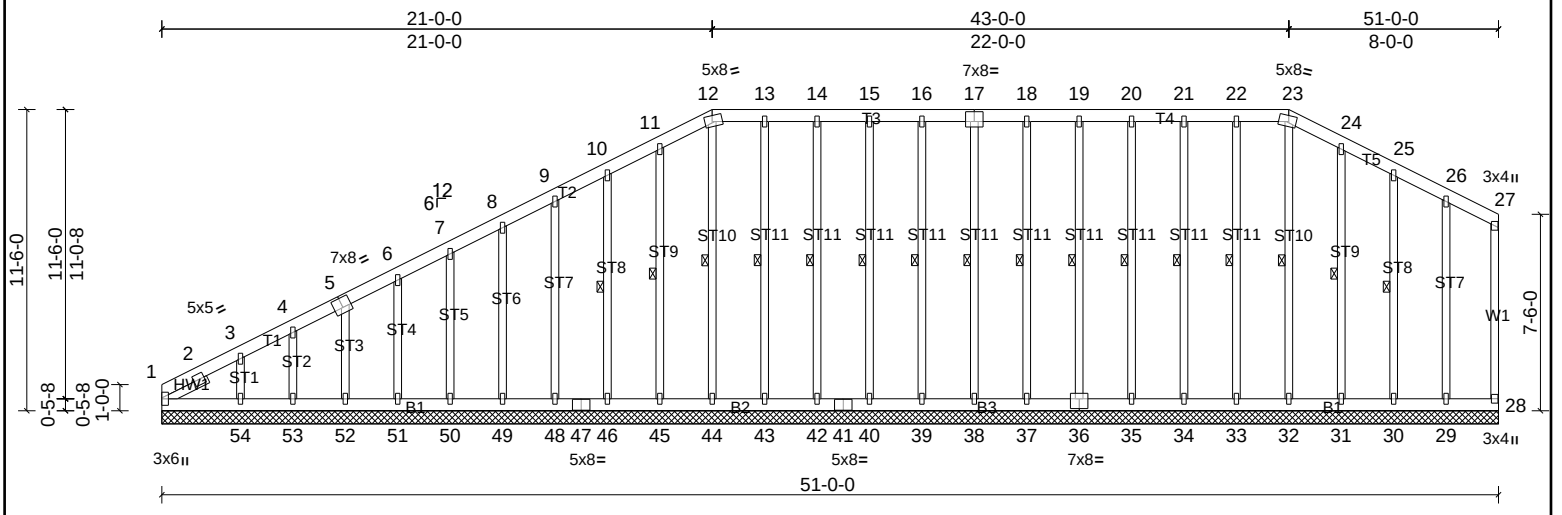

Plate Offsets (X, Y): [5:0-4-0,0-4-8], [12:0-4-0,Edge], [17:0-4-0,0-4-8], [23:0-4-0,Edge], [36:0-4-0,0-4-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horiz(TL)	0.00	1	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 562 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 1-11-0

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.): 12-23.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 17-38, 18-37, 16-39, 15-40, 14-42, 13-43, 12-44, 11-45, 10-46, 19-36, 20-35, 21-34, 22-33, 23-32, 24-31, 25-30

REACTIONS All bearings 51-0-0.

(lb) - Max Horiz 1=334 (LC 10), 55=334 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 28, 29, 30, 31, 33, 34, 35, 36, 37, 38, 39, 40, 42, 43, 44, 45, 46, 48, 49, 50, 51, 52, 53 except 54=-179 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 42, 43, 44, 45, 46, 48, 49, 50, 51, 52, 53, 54, 55

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

TOP CHORD 2-3=-354/118, 3-4=-275/78

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 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.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 2x5 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.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 28, 38, 37, 39, 40, 42, 43, 44, 45, 46, 48, 49, 50, 51, 52, 53, 36, 35, 34, 33, 31, 30, 29 except (jt=lb) 54=178.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	B1	Truss	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, r thomas — Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Aug 22 12:02:04 — Page: 1

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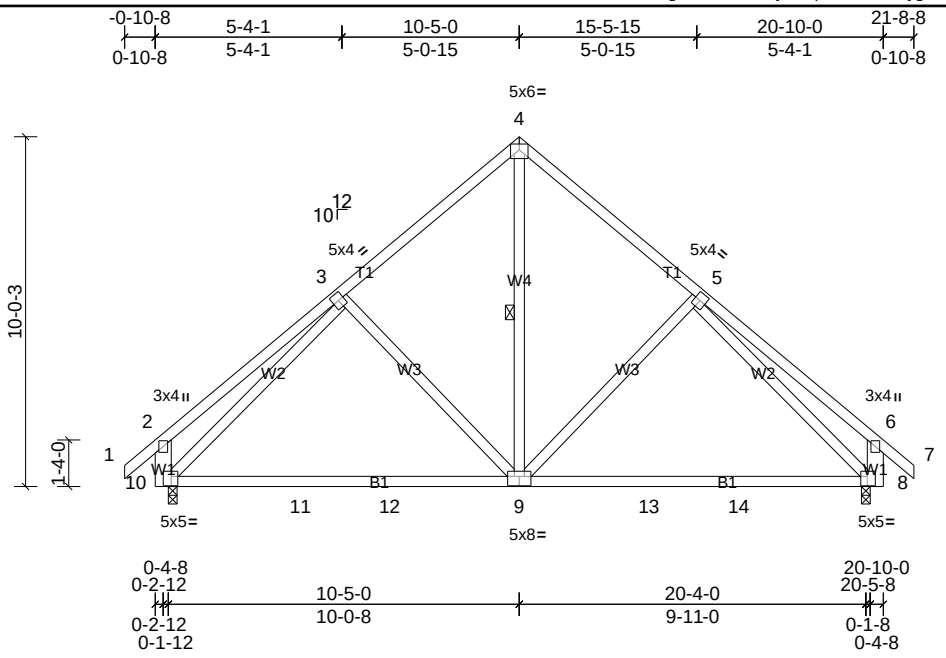

Plate Offsets (X, Y): [5:0-0-0,0-0-0], [8:0-2-4,0-3-4], [9:0-4-0,0-3-4], [10:0-2-4,0-3-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.32	Vert(LL)	0.35	9-10	>695	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.98	Vert(CT)	-0.41	9-10	>591	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.63	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 136 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W1:2x6 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 2-2-0 oc bracing.
WEBS	1 Row at midpt 4-9

REACTIONS (lb/size) 8=881/0-3-0, (min. 0-1-8), 10=881/0-3-0, (min. 0-1-8)
Max Horiz 10=288 (LC 9)
Max Uplift 8=-109 (LC 11), 10=-109 (LC 10)

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

TOP CHORD	2-3=-332/425, 3-4=-700/656, 4-5=-700/656, 5-6=-332/425, 2-10=-356/373, 6-8=-355/372
BOT CHORD	10-11=-283/632, 11-12=-283/632, 9-12=-283/632, 9-13=-283/573, 13-14=-283/573, 8-14=-283/573
WEBS	3-10=-619/207, 4-9=-691/525, 5-9=-259/248, 3-9=-259/247, 5-8=-619/207

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Bearing at joint(s) 10, 8 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 capable of withstanding 109 lb uplift at joint 10 and 109 lb uplift at joint 8.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	B1G	Truss	1	1	Job Reference (optional)

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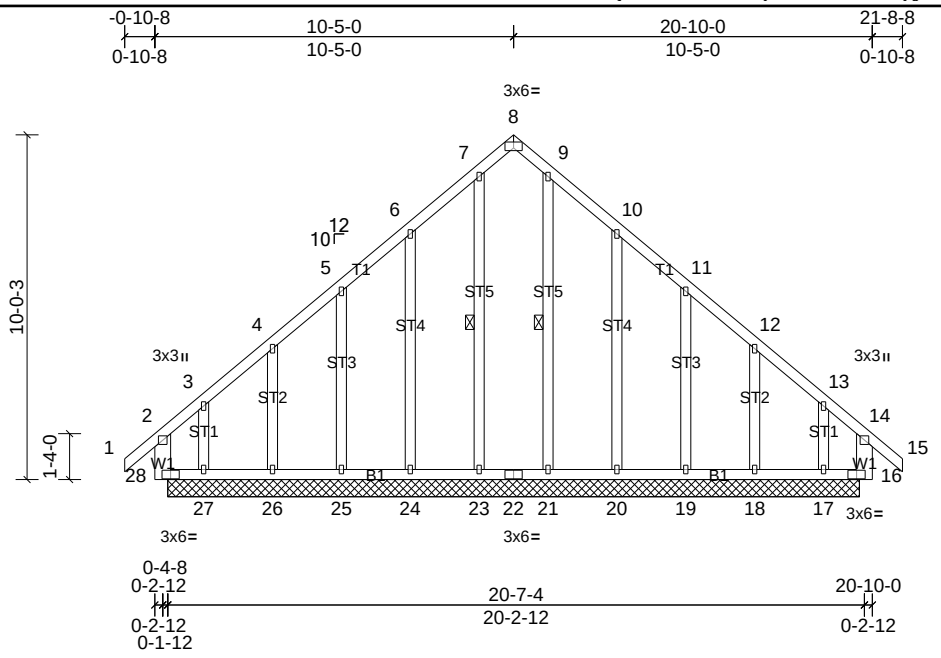

Plate Offsets (X, Y): [8:0-3-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	-0.02	8	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 159 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 7-23, 9-21

REACTIONS All bearings 20-1-0.

(lb) - Max Horiz 28=288 (LC 9)

Max Uplift All uplift 100 (lb) or less at joint(s) 8, 18, 19, 20, 21, 23, 24, 25, 26 except 16=-184 (LC 7), 17=-190 (LC 11), 27=-217 (LC 7), 28=-238 (LC 6)

Max Grav All reactions 250 (lb) or less at joint(s) 16, 18, 19, 20, 21, 23, 24, 25, 26 except 8=385 (LC 11), 17=254 (LC 9), 27=291 (LC 8), 28=277 (LC 9)

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

TOP CHORD 5-6=-197/266, 6-7=-271/352, 7-8=-311/406, 8-9=-311/406, 9-10=-271/352, 10-11=-197/266

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=35ft; Cat. II; Exp B; 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.
4) All plates are 1.5x3 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) Bearing at joint(s) 28, 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 23, 21, 24, 25, 26, 20, 19, 18 except (jt=lb) 28=237, 16=184, 27=216, 17=190.
12) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 28, 16.
13) 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.
14) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	C1	Truss	7	1	Job Reference (optional)

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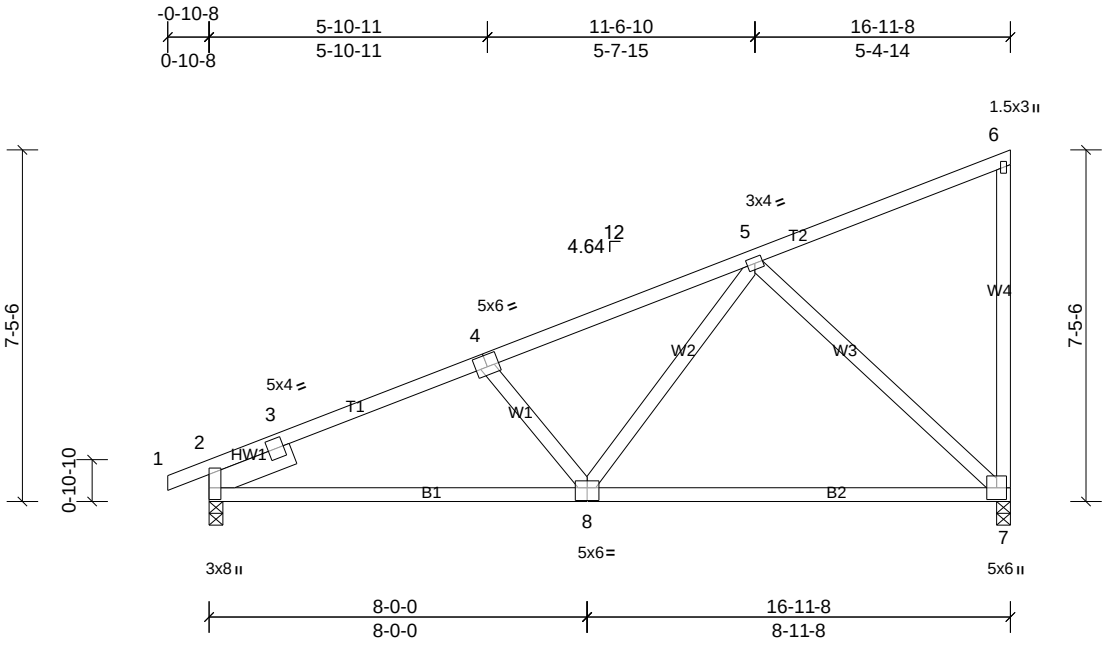

Plate Offsets (X, Y): [2:Edge,0-0-0], [4:0-3-0,0-3-0], [8:0-3-0,0-3-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.42	Vert(LL)	0.38	7-8	>532	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.77	Vert(CT)	-0.42	7-8	>480	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 93 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-11-11 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 5-5-3 oc bracing.

REACTIONS (lb/size) 2=726/0-3-8, (min. 0-1-8), 7=671/0-3-8, (min. 0-1-8)
Max Horiz 2=274 (LC 10)
Max Uplift 2=-238 (LC 6), 7=-310 (LC 6)

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

TOP CHORD	2-3=-319/320, 3-4=-1049/795, 4-5=-882/767
BOT CHORD	2-8=-963/930, 7-8=-474/498
WEBS	5-8=-651/534, 4-8=-262/189, 5-7=-691/658

NOTES

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 310 lb uplift at joint 7 and 238 lb uplift at joint 2.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	C1SG	Truss	1	1	Job Reference (optional)

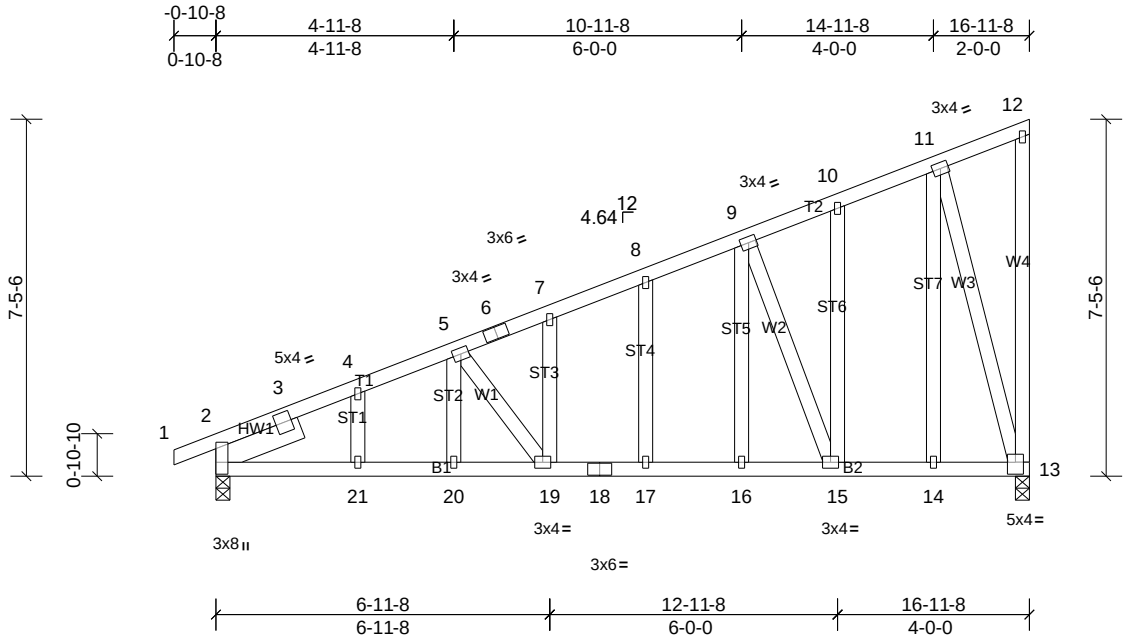

Plate Offsets (X, Y): [2:Edge,0-0-0], [13:0-2-0,0-3-0]

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	0.75	Vert(LL)	0.34	19	>588	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.91	Vert(CT)	-0.37	19	>541	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(CT)	-0.02	2	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 129 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 5-1-1 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 4-11-3 oc bracing.

REACTIONS (lb/size) 2=726/0-3-8, (min. 0-1-8), 13=671/0-3-8, (min. 0-1-8)
Max Horiz 2=274 (LC 10)
Max Uplift 2=-238 (LC 6), 13=-310 (LC 6)

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

TOP CHORD	3-4=-1065/843, 4-5=-1023/836, 5-6=-787/586, 6-7=-748/591, 7-8=-700/529, 8-9=-668/536, 9-10=-401/299
BOT CHORD	2-21=-1010/944, 20-21=-1010/944, 19-20=-1010/944, 18-19=-681/667, 17-18=-681/667, 16-17=-681/667, 15-16=-681/667, 14-15=-253/251, 13-14=-253/251
WEBS	11-14=-495/447, 10-15=-505/452, 9-16=-604/548, 5-20=-264/183, 5-19=-443/526, 9-15=-1086/1117, 11-13=-906/915

NOTES

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only.
3) All plates are 1.5x3 MT20 unless otherwise indicated.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 310 lb uplift at joint 13 and 238 lb uplift at joint 2.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	C2	Truss	1	1	Job Reference (optional)

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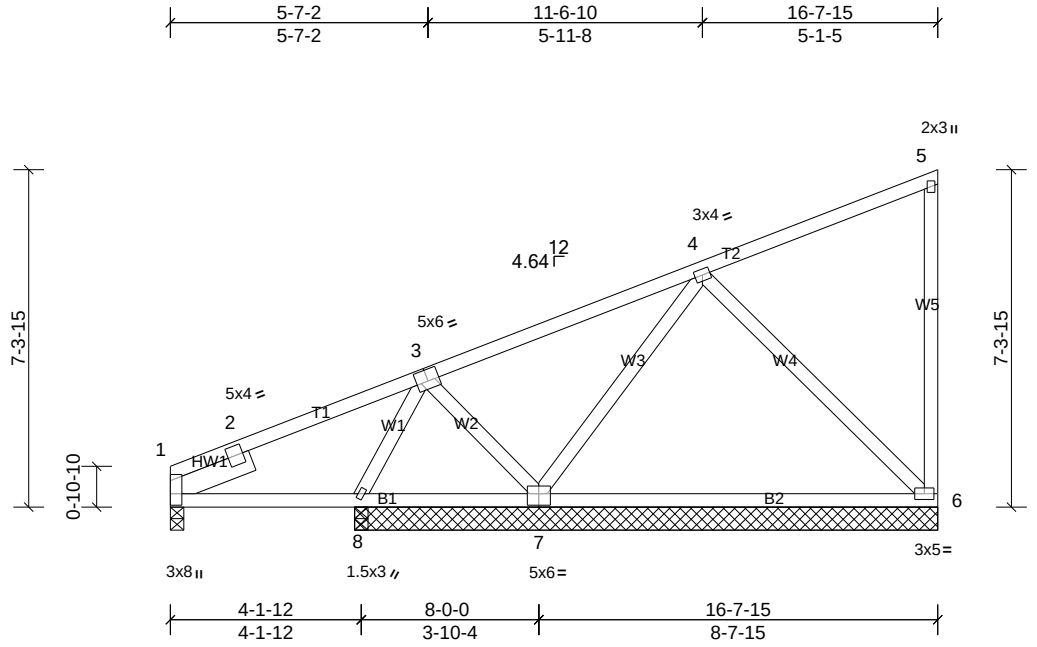


Plate Offsets (X, Y): [1:Edge,0-0-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0]

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	0.38	Vert(LL)	-0.15	6-7	>688	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.59	Vert(CT)	-0.30	6-7	>344	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.23	Horz(CT)	-0.01	1	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 94 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 8-7-14 oc bracing.

REACTIONS All bearings 12-7-15. except 1=0-3-8

(lb) - Max Horiz 1=258 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 1 except 6=-147 (LC 10), 7=-133 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 8 except 1=315 (LC 1), 6=357 (LC 1), 7=607 (LC 1)

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

TOP CHORD	2-3=-259/228
BOT CHORD	1-8=-443/287, 7-8=-358/280
WEBS	3-7=-353/361

NOTES

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 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
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 6=146, 7=133.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	C3SG	Truss	1	1	Job Reference (optional)

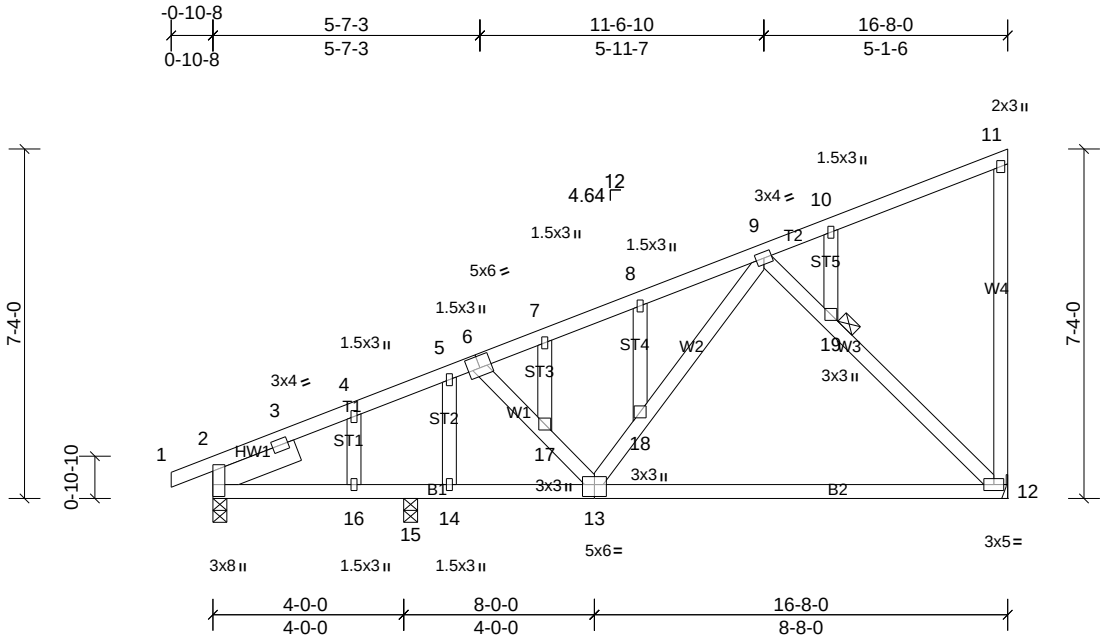


Plate Offsets (X, Y): [2:Edge,0-0-0], [6:0-3-0,0-3-0], [13:0-3-0,0-3-0]

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	0.37	Vert(LL)	-0.15	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.65	Vert(CT)	-0.30	12-13	>493	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.01	12	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 106 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3
SLIDER	Left 2x6 SP No.2 -- 1-11-0

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.
JOINTS	1 Brace at Jt(s): 19

REACTIONS (lb/size) 2=406/0-3-8, (min. 0-1-8), 12=556/ Mechanical, (min. 0-1-8), 15=412/0-3-8, (min. 0-1-8)
Max Horiz 2=270 (LC 10)
Max Uplift 2=-62 (LC 6), 12=-170 (LC 10), 15=-112 (LC 6)

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

TOP CHORD	3-4=-467/0, 4-5=-464/16, 5-6=-539/46, 6-7=-557/9, 7-8=-579/36, 8-9=-558/62
BOT CHORD	2-16=-240/418, 15-16=-240/418, 14-15=-240/418, 13-14=-240/418, 12-13=-162/361
WEBS	9-19=-493/224, 12-19=-502/236, 13-18=0/320, 9-18=-31/336, 5-14=-328/75

NOTES

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 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
2) Truss designed for wind loads in the plane of the truss only.
3) Gable studs spaced at 2-0-0 oc.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 170 lb uplift at joint 12, 62 lb uplift at joint 2 and 112 lb uplift at joint 15.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	PB1	Truss	2	1	Job Reference (optional)

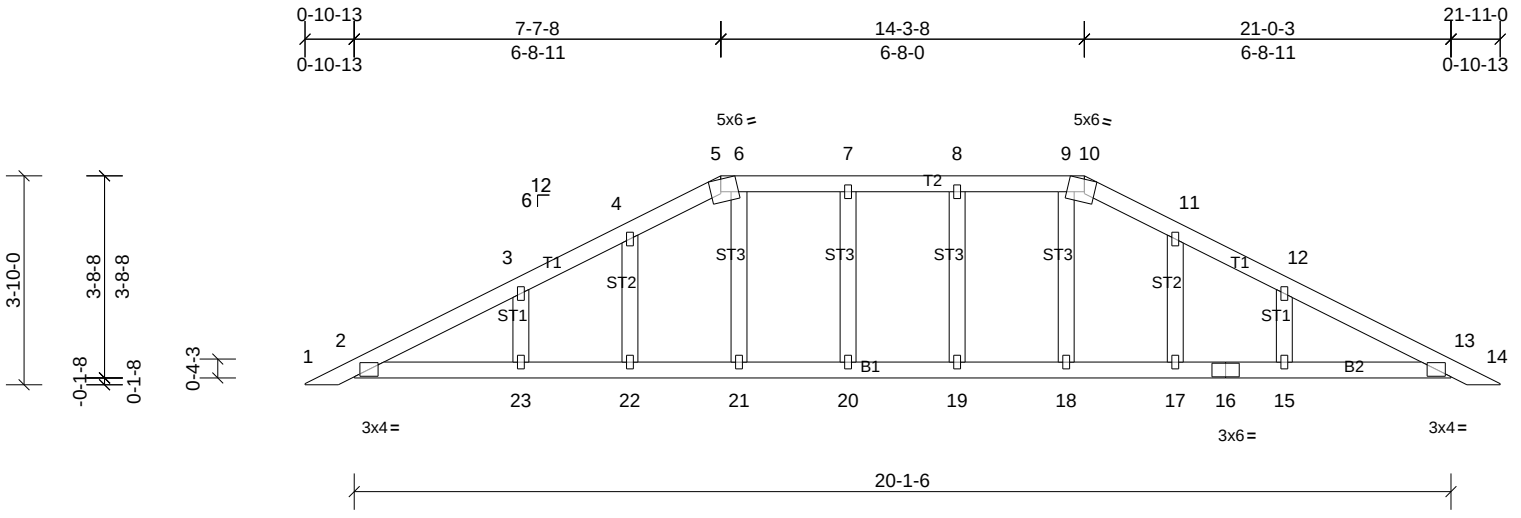


Plate Offsets (X, Y): [5:0-2-3,Edge], [10:0-2-3,Edge]

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	0.08	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	0.04	Horz(CT)	0.00	13	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 95 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, except 2-0-0 oc purlins (6-0-0 max.): 5-10.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS All bearings 20-1-6.

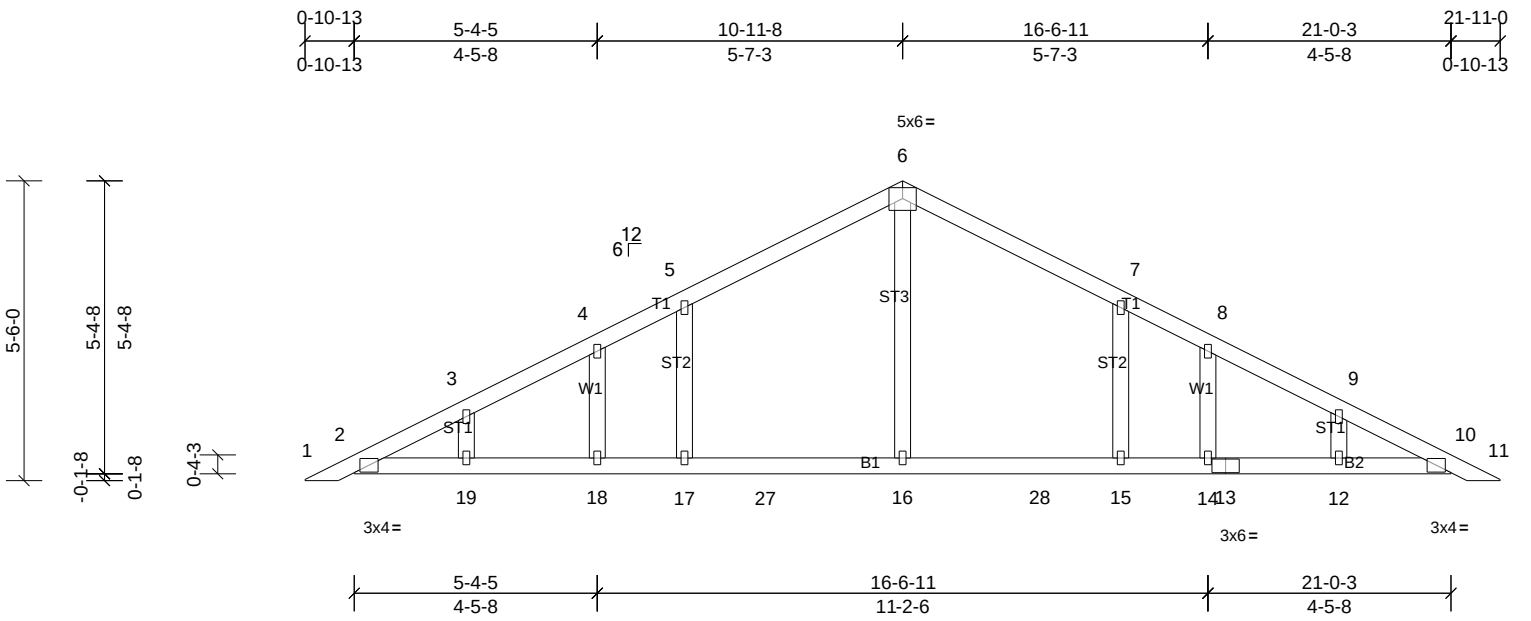
(lb) - Max Horiz 2=64 (LC 10), 24=64 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 13, 15, 17, 18, 19, 20, 21, 22, 23, 24, 27
Max Grav All reactions 250 (lb) or less at joint(s) 2, 13, 15, 17, 18, 19, 20, 21, 22, 23, 24, 27

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=35ft; Cat. II; Exp B; 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.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 1.5x3 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.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 13, 20, 19, 21, 22, 23, 18, 17, 15, 2, 13.
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) See standard piggyback truss connection detail for connection to base truss.
13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	PB2	Truss	19	1	Job Reference (optional)



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	NO	WB	0.10	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 90 lb	FT = 20%

LUMBER

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

BRACING

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

REACTIONS All bearings 20-1-6.

(lb) - Max Horiz 2=93 (LC 10), 20=93 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 12, 14, 18, 19, 20 except 15=-103 (LC 11), 17=-105 (LC 10)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 10, 12, 14, 19, 20, 23 except 15=284 (LC 22), 16=375 (LC 17), 17=290 (LC 21), 18=443 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-18=-416/144

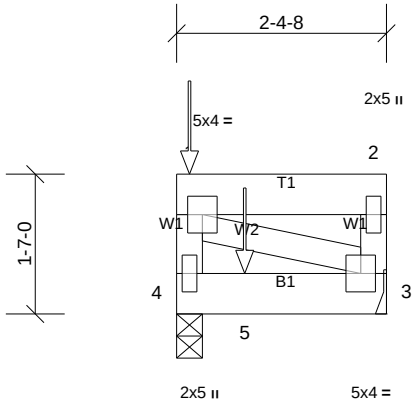
NOTES

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=35ft; Cat. II; Exp B; 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.
4) All plates are 1.5x3 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 19, 12, 18, 14, 2 except (jt=lb) 17=104, 15=103.
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.
11) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
12) See standard piggyback truss connection detail for connection to base truss.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 350 lb down and 90 lb up at 5-4-13 on top 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
Uniform Loads (lb/ft)
Vert: 1-6=-60, 6-11=-60, 20-23=-20
Concentrated Loads (lb)
Vert: 4=-350

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	RFG1	Truss	1	**2**	Job Reference (optional)



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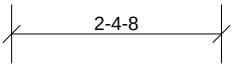

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	0.00	3-4	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	0.00	3-4	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 32 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=245/ Mechanical, (min. 0-1-8), 4=2249/0-3-8, (min. 0-1-8)
Max Uplift 3=-71 (LC 4), 4=-299 (LC 4)
Max Grav 3=245 (LC 1), 4=2346 (LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-4=-1996/186

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
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 299 lb uplift at joint 4 and 71 lb uplift at joint 3.
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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Use MiTek JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 0-9-4 from the left end to connect truss(es) to front face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1944 lb down and 157 lb up at 0-1-12 on top 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
Uniform Loads (lb/ft)
Vert: 1-2=-60, 3-4=-20
Concentrated Loads (lb)
Vert: 1=-1788, 5=-540 (F)

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	V1	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, r thomas — Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Aug 22 12:02:06 — Page: 1

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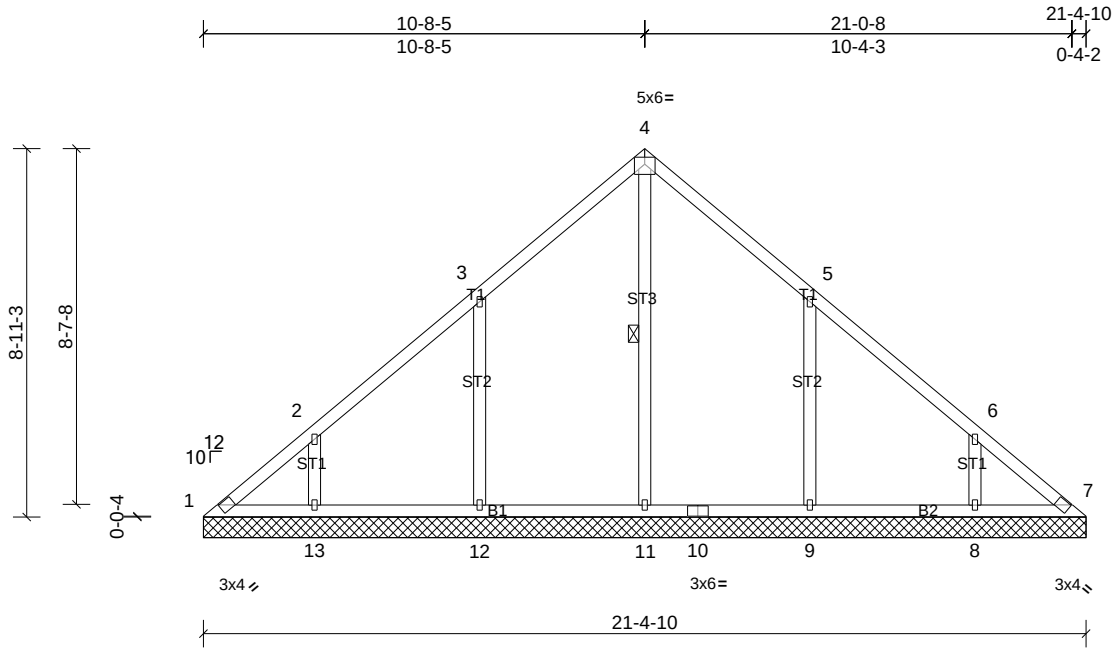

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.23	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.19	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horiz(TL)	0.00	7	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 104 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 10-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 4-11

REACTIONS All bearings 21-4-10.

(lb) - Max Horiz 1=225 (LC 7)

Max Uplift All uplift 100 (lb) or less at joint(s) 7, 18 except 1=-120 (LC 6), 8=-123 (LC 11), 9=-212 (LC 11), 12=-201 (LC 10), 13=-144 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 1 except 8=306 (LC 18), 9=440 (LC 18), 11=624 (LC 20), 12=444 (LC 17), 13=295 (LC 17)

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

TOP CHORD 1-2=-231/293, 2-3=-185/274, 3-4=-212/339, 4-5=-212/310

WEBS 4-11=-407/50, 3-12=-319/249, 2-13=-251/185, 5-9=-320/253

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; 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) All plates are 1.5x3 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
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, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 119 lb uplift at joint 1, 200 lb uplift at joint 12, 144 lb uplift at joint 13, 212 lb uplift at joint 9 and 123 lb uplift at joint 8.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	V2	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, r thomas — Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Aug 22 12:02:07 — Page: 1

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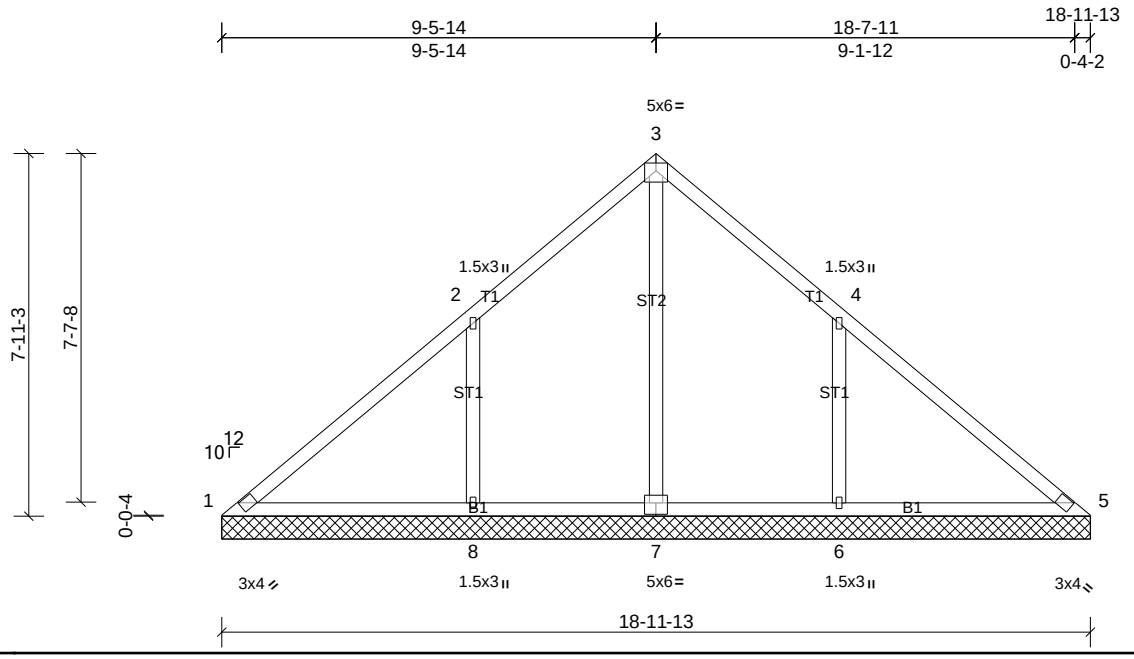


Plate Offsets (X, Y): [7:0-3-0,0-3-0]

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	0.36	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.26	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horiz(TL)	0.01	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 86 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 10-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS All bearings 18-11-13.

(lb) - Max Horiz 1=-200 (LC 6)

Max Uplift All uplift 100 (lb) or less at joint(s) 1 except 6=-248 (LC 11), 8=-251 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=563 (LC 18), 7=559 (LC 17), 8=566 (LC 17)

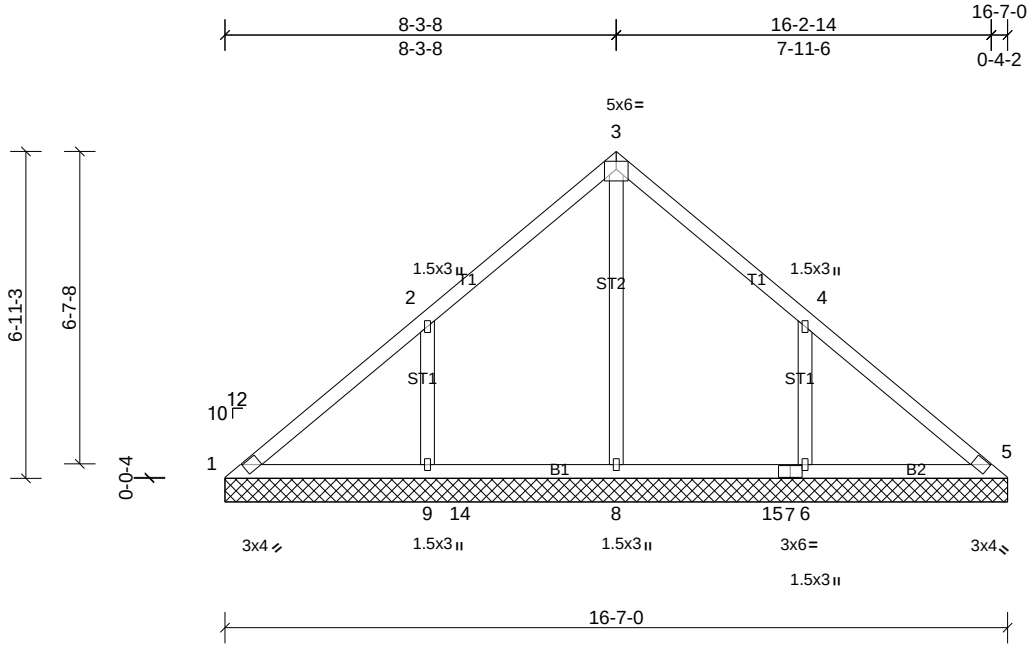
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-201/342, 4-5=-153/292
BOT CHORD	1-8=-265/197, 7-8=-265/197, 6-7=-265/197, 5-6=-265/197
WEBS	3-7=-410/5, 2-8=-382/281, 4-6=-382/279

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 8=250, 6=247.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	V3	Truss	1	1	Job Reference (optional)



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	0.25	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 74 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.

REACTIONS All bearings 16-7-0.

(lb) - Max Horiz 1=174 (LC 7)
Max Uplift All uplift 100 (lb) or less at joint(s) 1 except 6=-215 (LC 11), 9=-213 (LC 10)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=455 (LC 18), 8=424 (LC 17), 9=472 (LC 17)

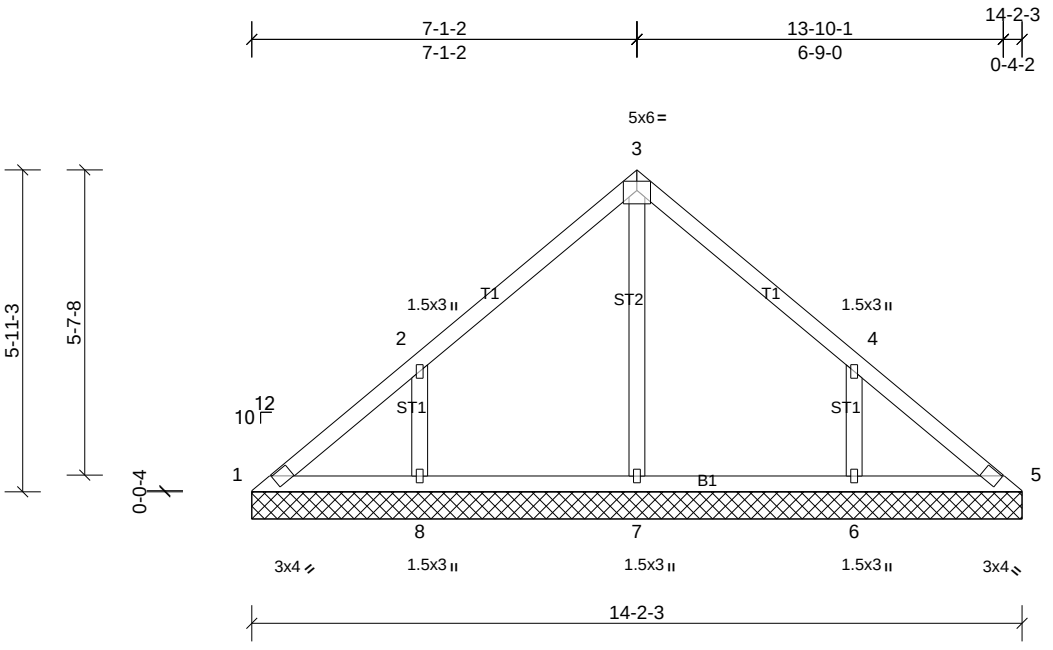
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

WEBS 2-9=-331/244, 4-6=-326/245

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 9=212, 6=215.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	V4	Truss	1	1	Job Reference (optional)



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	0.11	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 61 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.

REACTIONS All bearings 14-2-3.

(lb) - Max Horiz 1=-148 (LC 8)
Max Uplift All uplift 100 (lb) or less at joint(s) 1 except 6=-178 (LC 11), 8=-181 (LC 10)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=365 (LC 18), 7=286 (LC 1), 8=369 (LC 17)

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

WEBS 2-8=-293/219, 4-6=-293/218

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 8=180, 6=177.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	V5	Truss	1	1	Job Reference (optional)

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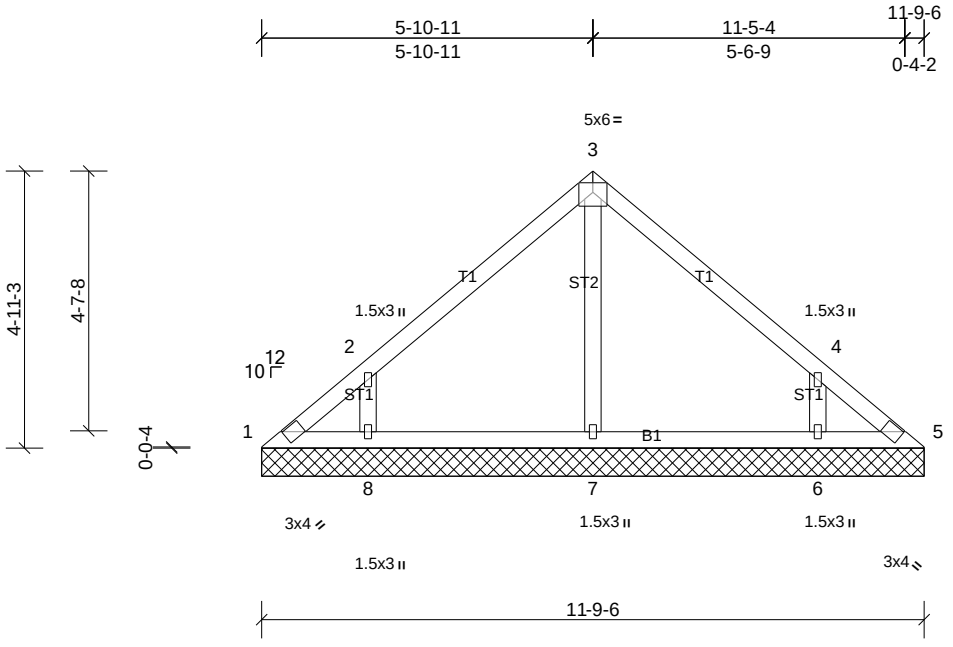


Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 48 lb	FT = 20%

LUMBER

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

BRACING

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

REACTIONS All bearings 11-9-6.

(lb) - Max Horiz 1=-123 (LC 6)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-158 (LC 11), 8=-162 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 5, 7 except 6=327 (LC 18), 8=332 (LC 17)

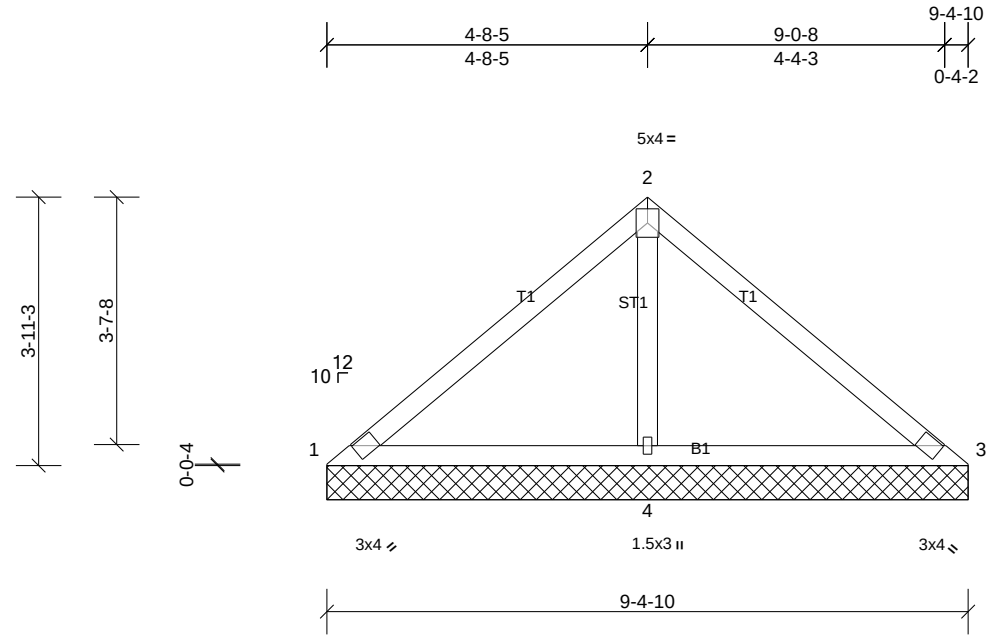
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

WEBS 2-8=-295/227, 4-6=-295/226

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=161, 6=157.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	V6	Truss	1	1	Job Reference (optional)



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	0.25	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.24	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							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 9-4-10 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 1=34/9-4-10, (min. 0-1-8), 3=34/9-4-10, (min. 0-1-8), 4=683/9-4-10, (min. 0-1-8)
Max Horiz 1=-97 (LC 8)
Max Uplift 1=-22 (LC 22), 3=-22 (LC 21), 4=-134 (LC 10)
Max Grav 1=72 (LC 21), 3=72 (LC 22), 4=683 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-96/287, 2-3=-96/287
WEBS 2-4=-517/220

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 1, 22 lb uplift at joint 3 and 134 lb uplift at joint 4.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	V7	Truss	1	1	Job Reference (optional)

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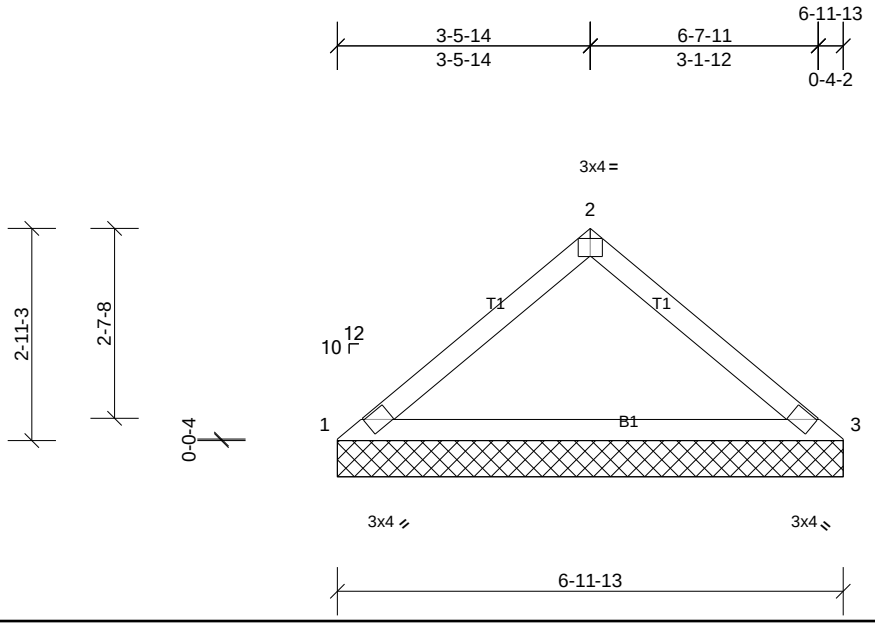

Plate Offsets (X, Y): [2:0-2-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.29	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.01	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 23 lb	FT = 20%

LUMBER

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

BRACING

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

REACTIONS (lb/size) 1=279/6-11-13, (min. 0-1-8), 3=279/6-11-13, (min. 0-1-8)
Max Horiz 1=71 (LC 7)
Max Uplift 1=-33 (LC 10), 3=-33 (LC 11)

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

TOP CHORD	1-2=-408/88
BOT CHORD	1-3=-67/317

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 33 lb uplift at joint 1 and 33 lb uplift at joint 3.
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.

Job	Truss	Truss Type	Qty	Ply	Pro Bldrs / Clayton Craftsman - GL
72331508	V8	Truss	1	1	Job Reference (optional)

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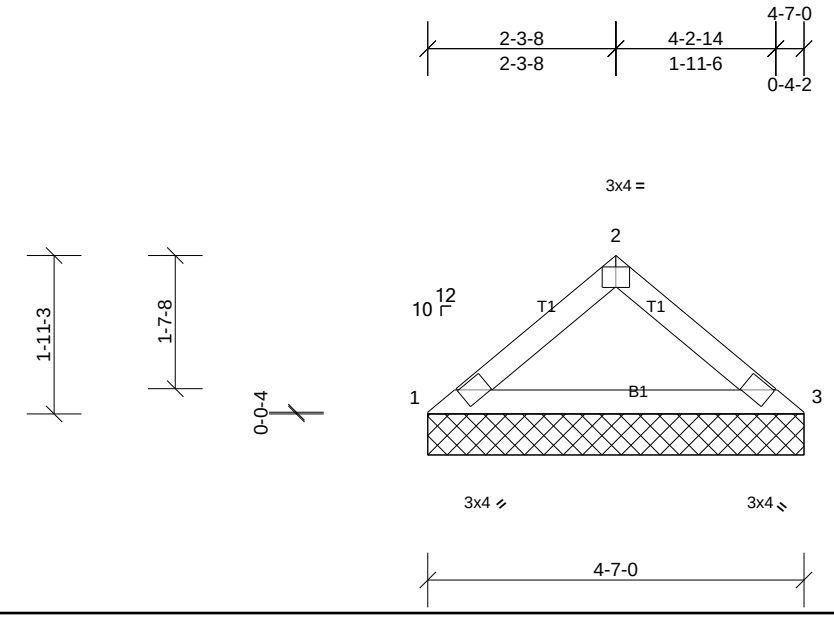

Plate Offsets (X, Y): [2:0-2-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 14 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-7-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=183/4-7-0, (min. 0-1-8), 3=183/4-7-0, (min. 0-1-8)
Max Horiz 1=45 (LC 9)
Max Uplift 1=-22 (LC 10), 3=-22 (LC 11)

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=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 1 and 22 lb uplift at joint 3.
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.