Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR B ROOF
72500348	A1	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry — Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Mon Jan 06 16:28:59 — Page: 1

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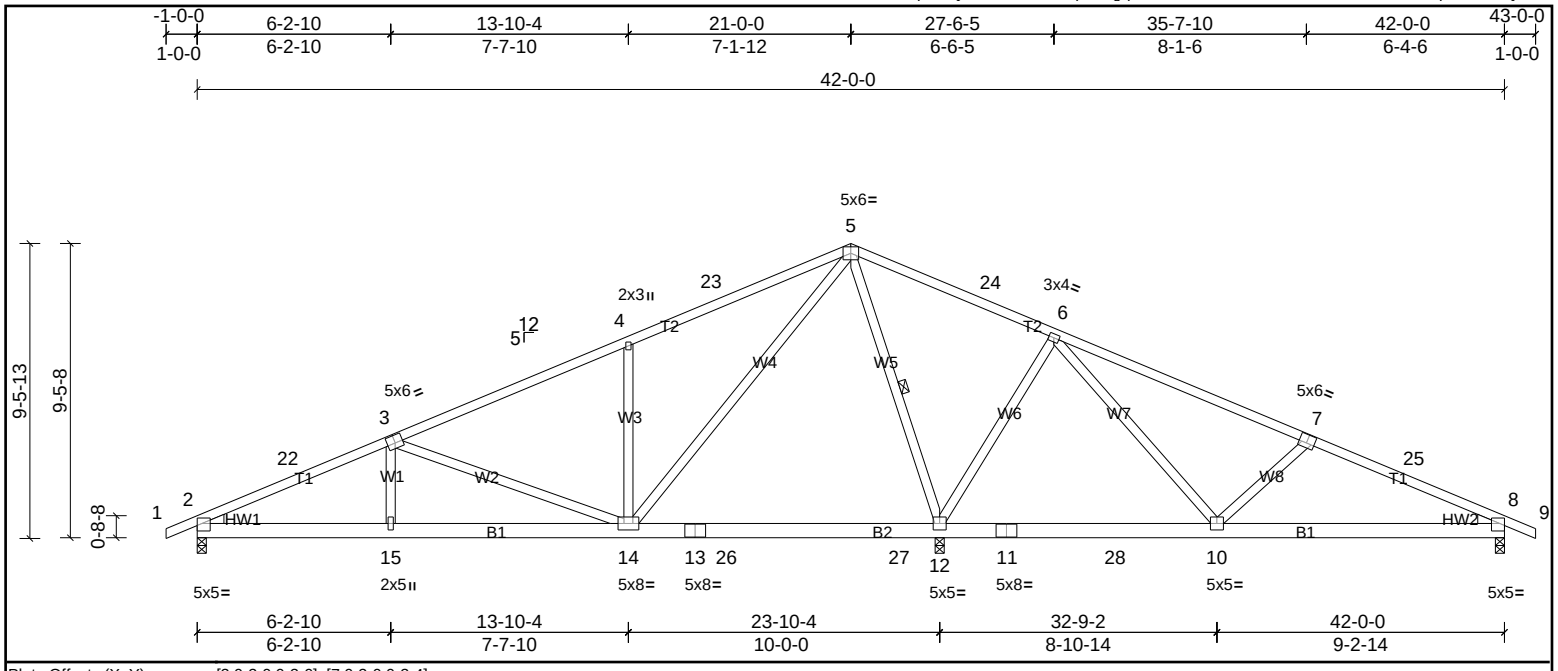


Plate Offsets (X, Y): [3:0-3-0,0-3-0], [7:0-3-0,0-3-4]

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	0.81	Vert(LL)	-0.09	12-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.15	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.01	12	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 254 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-9-10 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-12

REACTIONS (lb/size) 2=774/0-3-8, (min. 0-1-8), 8=471/0-3-8, (min. 0-1-8), 12=2235/0-3-8, (min. 0-3-8)

Max Horiz 2=-160 (LC 11)

Max Uplift 2=-155 (LC 10), 8=-123 (LC 11), 12=-238 (LC 10)

Max Grav 2=827 (LC 21), 8=556 (LC 22), 12=2235 (LC 1)

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

TOP CHORD	2-22=-1329/220, 3-22=-1201/235, 3-4=-682/142, 4-23=-696/255, 5-23=-601/285, 5-24=-6/843, 6-24=-33/708, 6-7=-377/147, 7-25=-562/198, 8-25=-689/182
BOT CHORD	2-15=-298/1163, 14-15=-300/1160, 13-14=-285/268, 13-26=-285/268, 26-27=-285/268, 12-27=-285/268, 11-12=-365/164, 11-28=-365/164, 10-28=-365/164, 8-10=-105/580
WEBS	4-14=-488/286, 5-14=-324/1165, 5-12=-1448/289, 6-12=-758/310, 6-10=-93/662, 7-10=-457/261, 3-14=-667/223

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -1-0-0 to 3-2-6, Interior (1) 3-2-6 to 16-9-10, Exterior (2) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 155 lb uplift at joint 2, 238 lb uplift at joint 12 and 123 lb uplift at joint 8.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR B ROOF
72500348	A1G	Truss	1	1	Job Reference (optional)

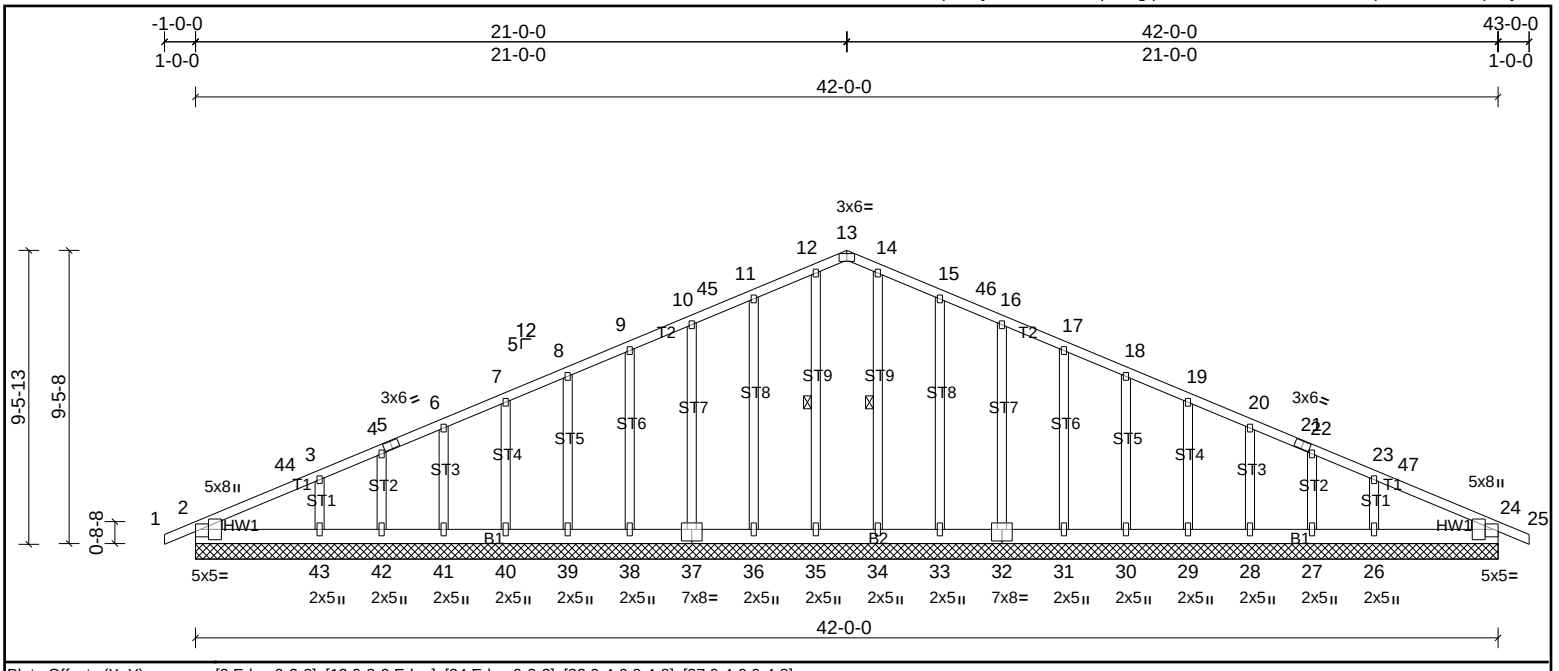


Plate Offsets (X, Y): [2:Edge,0-2-2], [13:0-3-0,Edge], [24:Edge,0-2-2], [32:0-4-0,0-4-8], [37:0-4-0,0-4-8]

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	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	24	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 305 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
OTHERS	2x4 SP No.3
WEDGE	Left: 2x4 SP No.2 Right: 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.
WEBS	1 Row at midpt 12-35, 14-34

REACTIONS All bearings 42-0-0.

(lb) - Max Horiz 2=-160 (LC 15)

Max Uplift All uplift 100 (lb) or less at joint(s) 27, 28, 29, 30, 31, 32, 33, 36, 37, 38, 39, 40, 41, 42 except 26=-108 (LC 11), 43=-111 (LC 10)

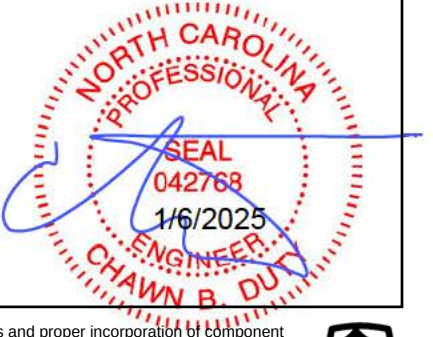
Max Grav All reactions 250 (lb) or less at joint(s) 2, 24, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42 except 26=311 (LC 22), 43=311 (LC 21)

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

TOP CHORD 11-12=-87/254, 12-13=-85/259, 13-14=-85/259, 14-15=-87/254

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 Corner (3) -1-0-0 to 3-2-6, Exterior (2) 3-2-6 to 16-9-10, Corner (3) 16-9-10 to 25-2-6, Exterior (2) 25-2-6 to 38-9-10, Corner (3) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) All plates are 2x3 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 36, 37, 38, 39, 40, 41, 42, 33, 32, 31, 30, 29, 28, 27 except (jt=lb) 43=110, 26=107.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 24.
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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR B ROOF
72500348	A1S	Truss	1	1	Job Reference (optional)

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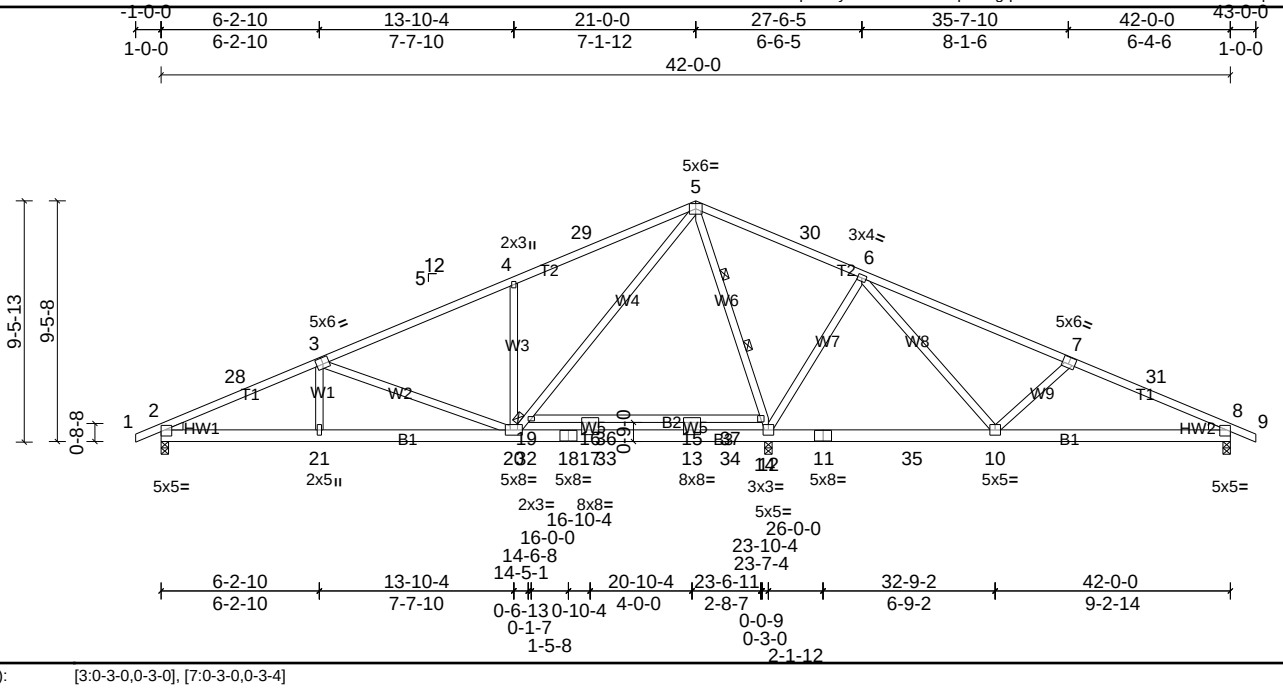


Plate Offsets (X, Y): [3:0-3-0,0-3-0], [7:0-3-0,0-3-4]

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	0.81	Vert(LL)	-0.16	15-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.28	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.90	Horz(CT)	0.02	12	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 268 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2:2x4 SP No.2
WEBS	2x4 SP No.3
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-7-15 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 21-24,20-21,10-27.
WEBS	2 Rows at 1/3 pts 5-14

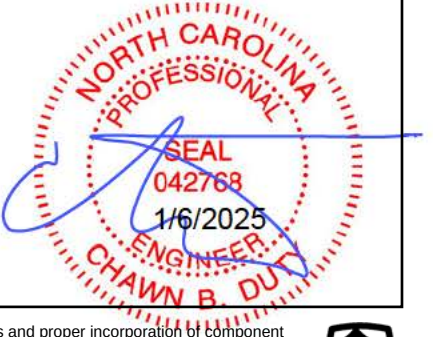
REACTIONS (lb/size) 2=813/0-3-8, (min. 0-1-8), 8=471/0-3-8, (min. 0-1-8), 12=2383/0-3-8, (req. 0-3-14)
Max Horiz 2=-160 (LC 11)
Max Uplift 2=-139 (LC 10), 8=-130 (LC 11), 12=-137 (LC 11)
Max Grav 2=865 (LC 21), 8=552 (LC 22), 12=2481 (LC 2)

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

TOP CHORD	2-28=-1404/188, 3-28=-1276/203, 3-4=-790/92, 4-29=-803/205, 5-29=-710/235, 5-30=0/829, 6-30=-20/693, 6-7=-364/155, 7-31=-549/216, 8-31=-677/190
BOT CHORD	2-21=-268/1232, 20-21=-270/1230, 20-32=-281/281, 18-32=-281/281, 17-18=-281/281, 17-33=-281/281, 13-33=-281/281, 13-34=-281/281, 12-34=-281/281, 11-12=-360/150, 11-35=-360/150, 10-35=-360/150, 8-10=-121/569
WEBS	4-20=-487/286, 19-20=-276/1271, 5-19=-251/1284, 5-14=-1498/244, 12-14=-1519/220, 6-12=-749/315, 6-10=-102/643, 7-10=-458/260, 3-20=-634/240

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) -1-0-0 to 3-2-6, Interior (1) 3-2-6 to 16-9-10, Exterior (2) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) WARNING: Required bearing size at joint(s) 12 greater than input bearing size.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 139 lb uplift at joint 2, 137 lb uplift at joint 12 and 130 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	MUNGO HOMES - TELFAIR B ROOF
72500348	A1T	Truss	6	1	Job Reference (optional)

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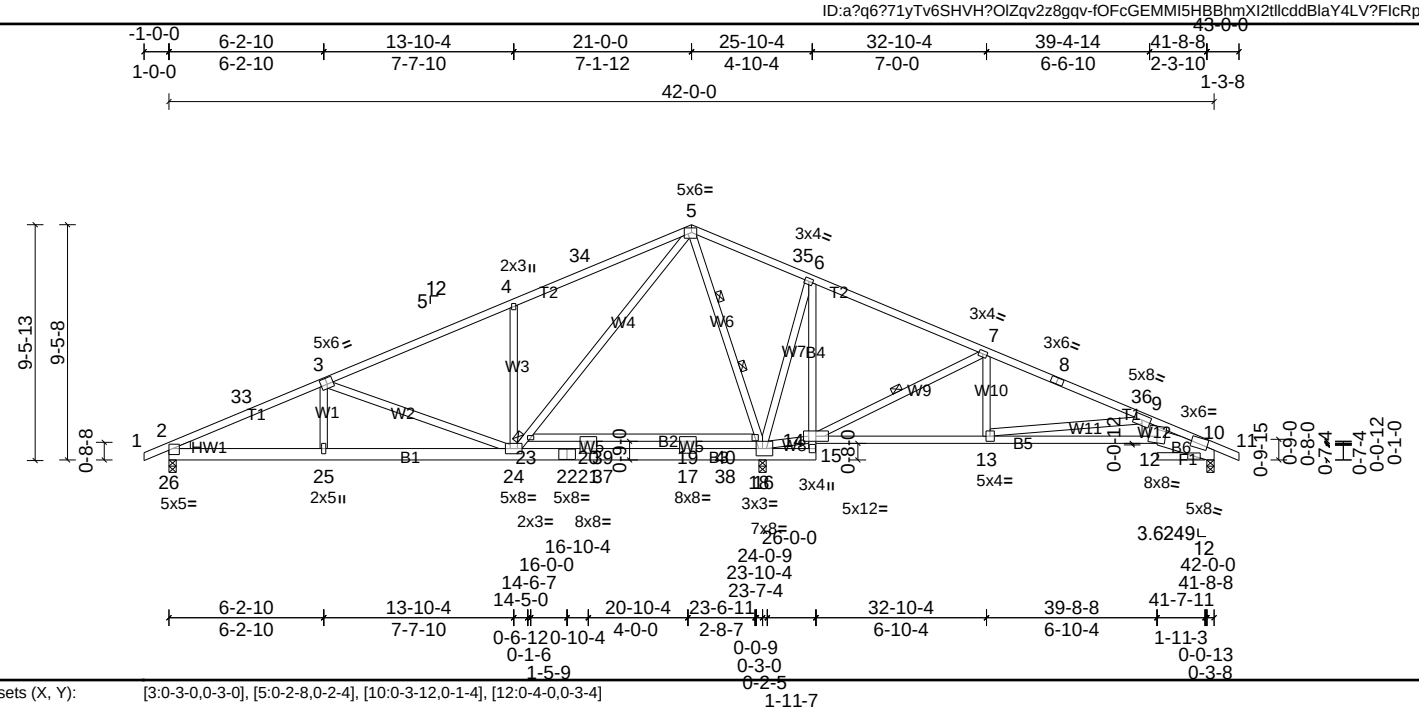

Plate Offsets (X, Y): [3:0-3-0,0-3-0], [5:0-2-8,0-2-4], [10:0-3-12,0-1-4], [12:0-4-0,0-3-4]

Loading	(psf)	Spacing	2-3-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.91	Vert(LL)	-0.17	19-20	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.83	Vert(CT)	-0.29	19-20	>992	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.95	Horz(CT)	0.03	10	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 283 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B4,F1:2x4 SP No.3, B5,B2:2x4 SP No.2, B6:2x8 SP No.2
WEBS	2x4 SP No.3 *Except* W12:2x8 SP No.2
WEDGE	Left: 2x4 SP No.2

BRACING

TOP CHORD	2-0-0 oc purlins (4-5-5 max.) (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 7-14
WEBS	2 Rows at 1/3 pts 5-18

REACTIONS (lb/size) 2=837/0-3-8, (min. 0-1-8), 10=422/0-3-8, (min. 0-1-8), 16=2867/0-3-8, (req. 0-4-8)

Max Horiz 2=-180 (LC 11)

Max Uplift 2=-168 (LC 10), 10=-131 (LC 11), 16=-180 (LC 11)

Max Grav 2=941 (LC 21), 10=498 (LC 22), 16=2867 (LC 1)

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

TOP CHORD	2-33=-1510/238, 3-33=-1366/255, 3-4=-822/135, 4-34=-834/262, 5-34=-745/296, 5-35=0/1154, 6-35=0/1040, 6-7=-31/1051, 7-8=-91/283, 8-36=-228/252, 9-10=-1222/284
BOT CHORD	2-25=-327/1322, 24-25=-329/1320, 22-24=-454/343, 21-22=-454/343, 21-37=-454/343, 17-37=-454/343, 17-38=-454/343, 16-38=-454/343, 15-16=-337/0, 14-15=-471/0, 6-14=-251/132, 12-13=-273/1095, 10-12=-229/1157
WEBS	23-24=-310/1394, 5-23=-286/1436, 5-18=-1807/241, 16-18=-1841/219, 14-16=-720/354, 7-14=-958/267, 7-13=0/433, 9-13=-947/306, 4-24=-548/322, 3-24=-737/265, 6-16=-521/289, 9-12=0/298

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) -1-0-0 to 3-2-6, Interior (1) 3-2-6 to 16-9-10, Exterior (2) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) WARNING: Required bearing size at joint(s) 16 greater than input bearing size.
6) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 168 lb uplift at joint 2, 180 lb uplift at joint 16 and 131 lb uplift at joint 10.
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	MUNGO HOMES - TELFAIR B ROOF
72500348	A2	Truss	10	1	Job Reference (optional)

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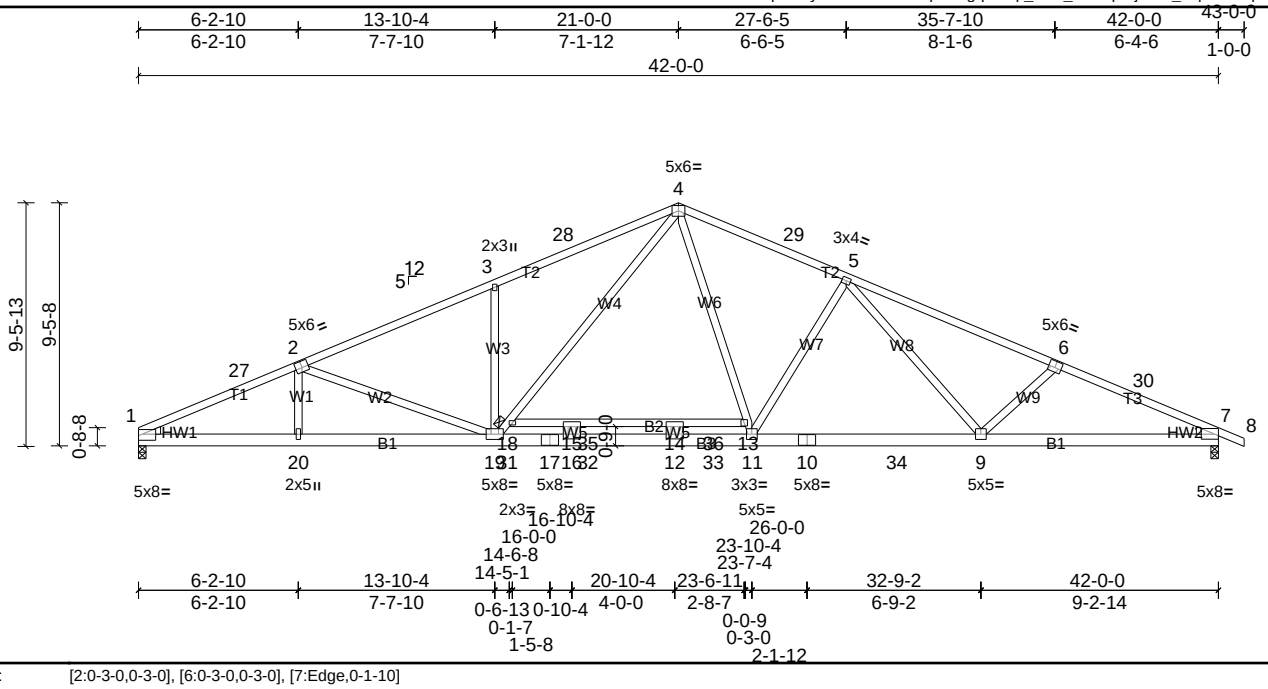


Plate Offsets (X, Y): [2:0-3-0,0-3-0], [6:0-3-0,0-3-0], [7:Edge,0-1-10]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.97	Vert(LL)	-0.32	14-15	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.99	Vert(CT)	-0.63	14-15	>794	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.11	7	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 267 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.1 *Except* T1,T3:2x4 SP No.2
BOT CHORD	2x6 SP SS *Except* B3:2x6 SP No.2, B2:2x4 SP No.2
WEBS	2x4 SP No.3
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.

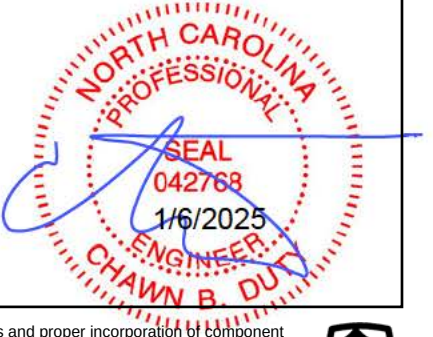
REACTIONS (lb/size) 1=1782/0-3-8, (min. 0-2-13), 7=1826/0-3-8, (min. 0-2-14)
Max Horiz 1=-167 (LC 11)
Max Uplift 1=-174 (LC 10), 7=-207 (LC 11)

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

TOP CHORD	1-27=-3585/371, 2-27=-3459/385, 2-3=-3334/331, 3-28=-3345/429, 4-28=-3268/449, 4-29=-2818/374, 5-29=-2892/347, 5-6=-3428/389, 6-30=-3559/421, 7-30=-3666/395
BOT CHORD	1-20=-391/3237, 19-20=-393/3240, 19-31=-28/2318, 17-31=-28/2318, 16-17=-28/2318, 16-32=-28/2318, 12-32=-28/2318, 12-33=-28/2318, 11-33=-28/2318, 10-11=-147/2875, 10-34=-147/2875, 9-34=-147/2875, 7-9=-289/3320
WEBS	3-19=-492/287, 18-19=-266/1195, 4-18=-244/1244, 4-13=-100/1151, 11-13=-120/1088, 5-11=-671/309, 5-9=-87/441, 6-9=-401/256, 2-19=-431/231

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) 0-0-0 to 4-2-6, Interior (1) 4-2-6 to 16-9-10, Exterior (2) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 174 lb uplift at joint 1 and 207 lb uplift at joint 7.
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR B ROOF
72500348	A2G	Truss	1	1	Job Reference (optional)

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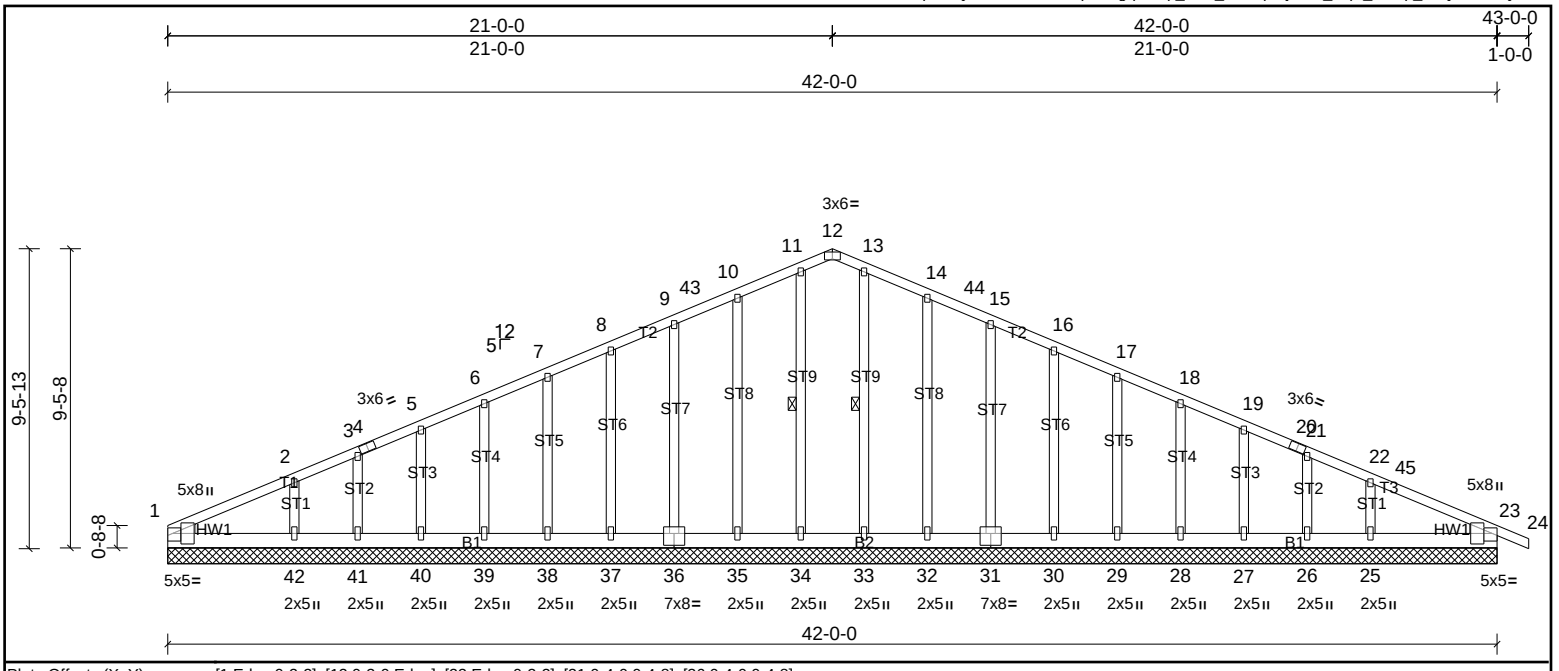


Plate Offsets (X, Y): [1:Edge,0-2-2], [12:0-3-0,Edge], [23:Edge,0-2-2], [31:0-4-0,0-4-8], [36:0-4-0,0-4-8]

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	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	23	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 304 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2
OTHERS	2x4 SP No.3
WEDGE	Left: 2x4 SP No.2 Right: 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.
WEBS	1 Row at midpt 11-34, 13-33

REACTIONS All bearings 42-0-0.

(lb) - Max Horiz 1=-162 (LC 11)

Max Uplift All uplift 100 (lb) or less at joint(s) 26, 27, 28, 29, 30, 31, 32, 35, 36, 37, 38, 39, 40, 41 except 25=-108 (LC 11), 42=-117 (LC 10)

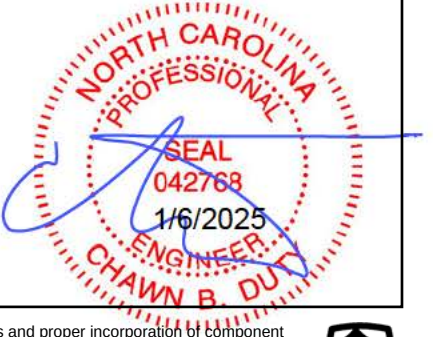
Max Grav All reactions 250 (lb) or less at joint(s) 1, 23, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41 except 25=311 (LC 22), 42=328 (LC 21)

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

TOP CHORD 10-11=-87/254, 11-12=-85/260, 12-13=-85/260, 13-14=-87/254

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 Corner (3) 0-0-0 to 4-0-0, Exterior (2) 4-0-0 to 16-9-10, Corner (3) 16-9-10 to 25-2-6, Exterior (2) 25-2-6 to 38-9-10, Corner (3) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only.
4) All plates are 2x3 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 35, 36, 37, 38, 39, 40, 41, 32, 31, 30, 29, 28, 27, 26 except (jt=lb) 42=117, 25=107.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1.
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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR B ROOF
72500348	P1	Truss	11	1	Job Reference (optional)

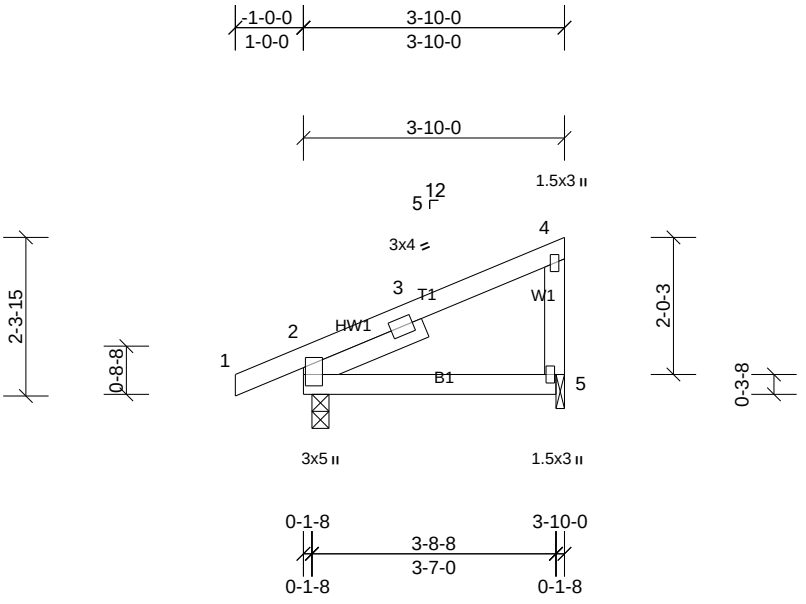


Plate Offsets (X, Y): [2:0-3-3,0-0-6]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	0.01	5-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	-0.02	5-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 19 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 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 3-10-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=216/0-3-0, (min. 0-1-8), 5=139/0-1-8, (min. 0-1-8)
Max Horiz 2=87 (LC 9)
Max Uplift 2=-45 (LC 10), 5=-38 (LC 10)

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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 45 lb uplift at joint 2 and 38 lb uplift at joint 5.
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	MUNGO HOMES - TELFAIR B ROOF
72500348	V1	Truss	1	1	Job Reference (optional)

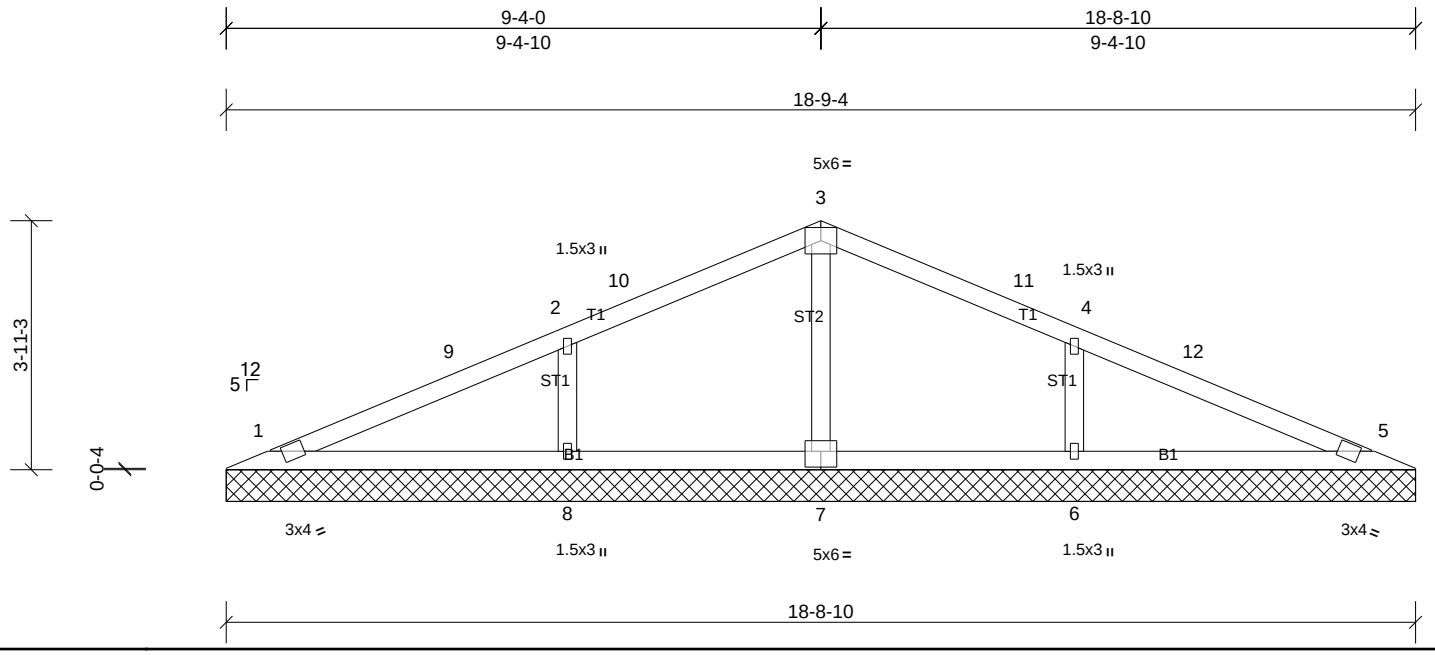


Plate Offsets (X, Y): [7:0-3-0,0-3-0]

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	0.28	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	0.06	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 66 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 18-9-4.

(lb) - Max Horiz 1=63 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-128 (LC 11), 8=-128 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 1, 5, 7 except 6=424 (LC 22), 8=424 (LC 21)

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

WEBS 2-8=-306/172, 4-6=-306/172

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) 0-9-1 to 3-9-1, Interior (1) 3-9-1 to 6-5-4, Exterior (2) 6-5-4 to 12-5-4, Interior (1) 12-5-4 to 15-1-7, Exterior (2) 15-1-7 to 18-1-7 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=128, 6=128.
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	MUNGO HOMES - TELFAIR B ROOF
72500348	V2	Truss	1	1	Job Reference (optional)

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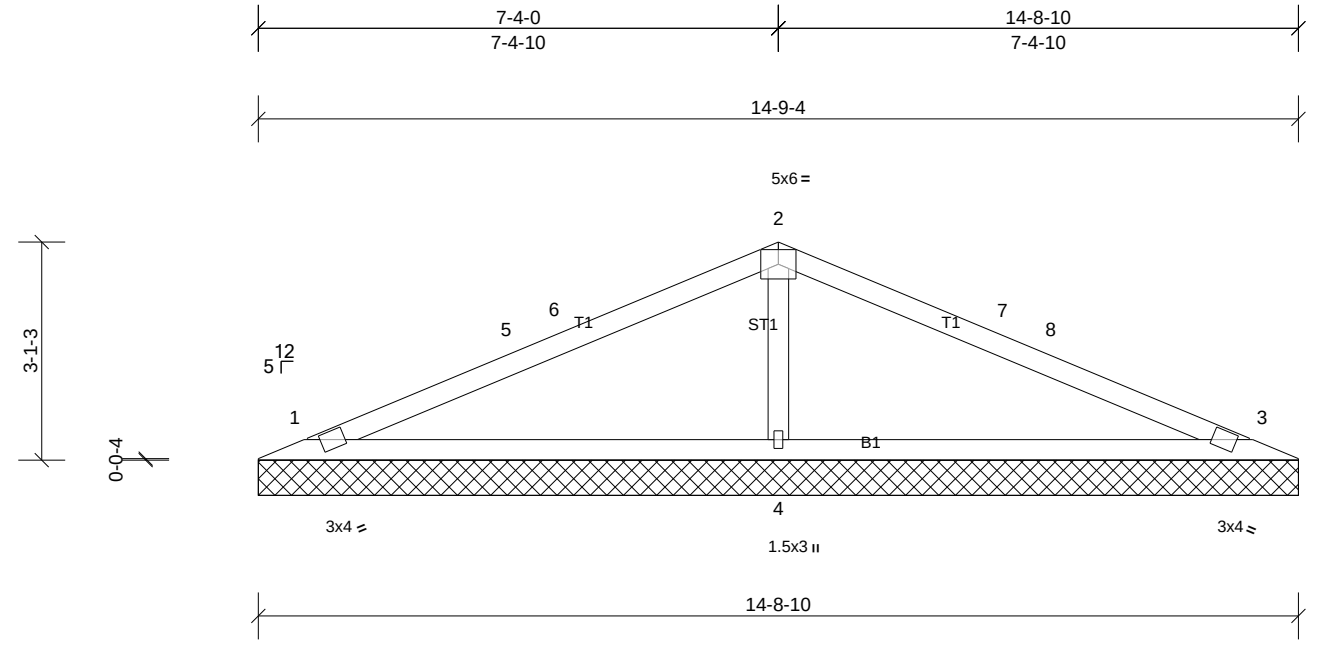


Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.60	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.43	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 47 lb	FT = 20%

LUMBER

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

BRACING

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

REACTIONS (lb/size) 1=232/14-9-4, (min. 0-1-11), 3=232/14-9-4, (min. 0-1-11), 4=606/14-9-4, (min. 0-1-11)

Max Horiz 1=49 (LC 14)

Max Uplift 1=-52 (LC 10), 3=-60 (LC 11), 4=-47 (LC 10)

Max Grav 1=239 (LC 21), 3=239 (LC 22), 4=606 (LC 1)

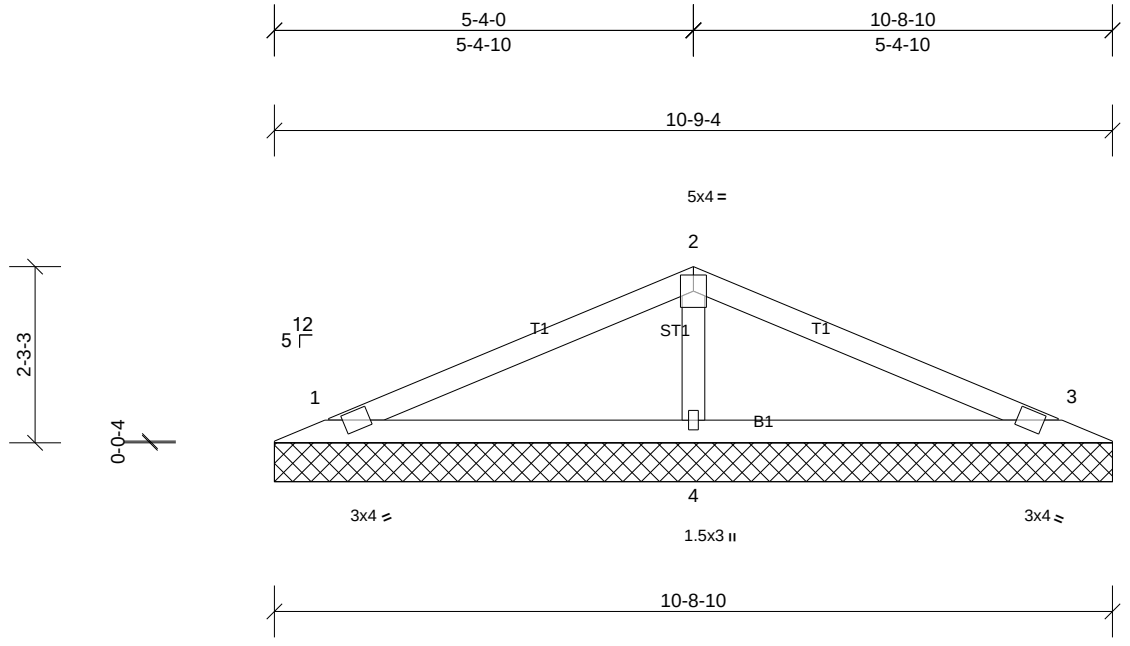
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

WEBS 2-4=-384/179

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) 0-9-1 to 3-9-1, Interior (1) 3-9-1 to 4-5-4, Exterior (2) 4-5-4 to 10-5-4, Interior (1) 10-5-4 to 11-1-7, Exterior (2) 11-1-7 to 14-1-7 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 52 lb uplift at joint 1, 60 lb uplift at joint 3 and 47 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	MUNGO HOMES - TELFAIR B ROOF
72500348	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	0.28	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.21	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 34 lb	FT = 20%

LUMBER

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

BRACING

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

REACTIONS (lb/size) 1=163/10-9-4, (min. 0-1-8), 3=163/10-9-4, (min. 0-1-8), 4=424/10-9-4, (min. 0-1-8)
Max Horiz 1=34 (LC 14)
Max Uplift 1=-36 (LC 10), 3=-42 (LC 11), 4=-33 (LC 10)
Max Grav 1=167 (LC 21), 3=167 (LC 22), 4=424 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-269/149

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 36 lb uplift at joint 1, 42 lb uplift at joint 3 and 33 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	MUNGO HOMES - TELFAIR B ROOF
72500348	V4	Truss	1	1	Job Reference (optional)

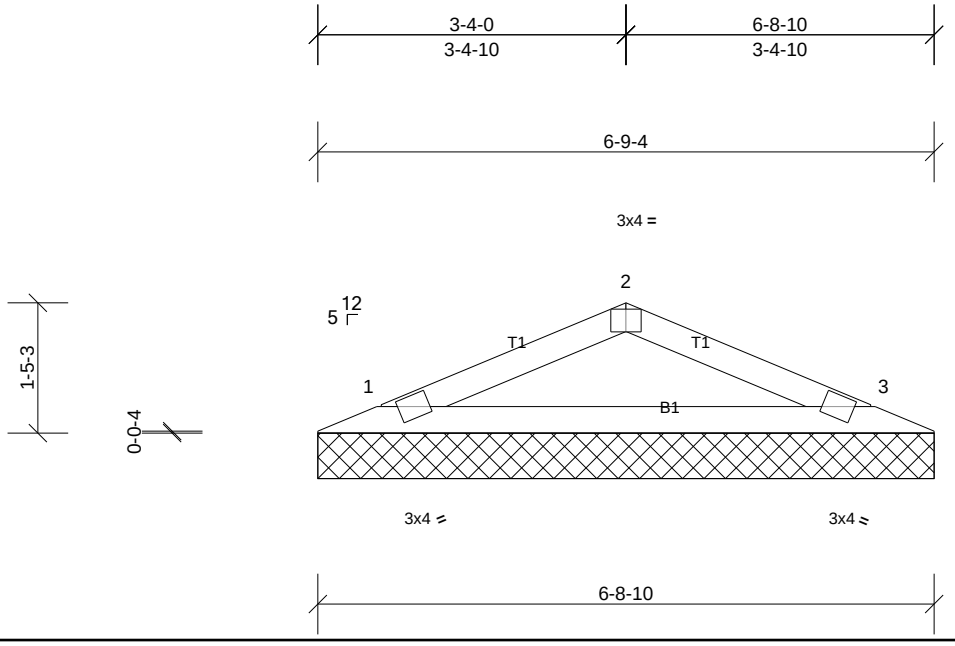


Plate Offsets (X, Y): [2:0-2-0,Edge]

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	0.22	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-SH							Weight: 19 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=215/6-9-4, (min. 0-1-8), 3=215/6-9-4, (min. 0-1-8)
Max Horiz 1=20 (LC 10)
Max Uplift 1=-30 (LC 10), 3=-30 (LC 11)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-278/151, 2-3=-278/151

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 30 lb uplift at joint 1 and 30 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.