Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL A ROOF	19 CBR
72500978	A1	Truss	6	1	Job Reference (optional)	

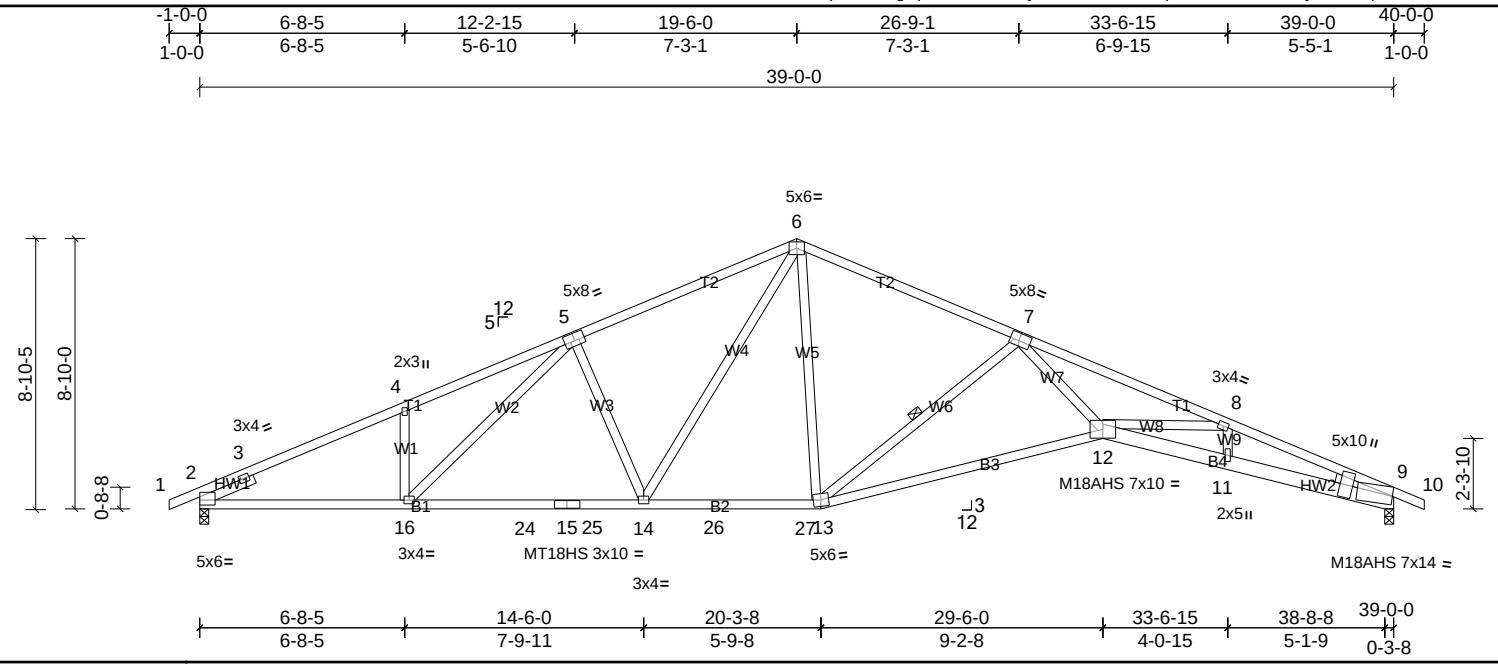


Plate Offsets (X, Y): [2:Edge,0-3-3], [5:0-4-0,0-3-0], [7:0-3-8,0-3-0], [9:0-0-0,Edge]

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	0.97	Vert(LL)	-0.40	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.95	Vert(CT)	-0.99	12-13	>472	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.33	9	n/a	n/a	M18AHS	186/179
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 216 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2 *Except* T1:2x4 SP SS
BOT CHORD	2x4 SP No.1 *Except* B4:2x6 SP SS, B2:2x4 SP No.2
WEBS	2x4 SP No.3 *Except* W7:2x4 SP No.2
WEDGE	Right: 2x4 SP No.2
SLIDER	Left 2x4 SP No.3 -- 1-11-0

BRACING

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 7-13

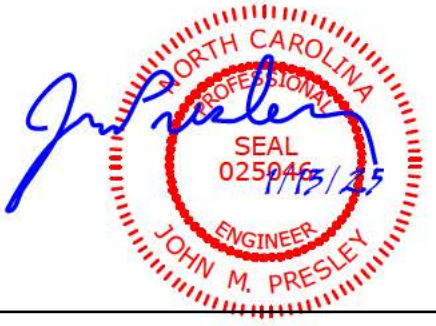
REACTIONS (lb/size) 2=1620/0-3-8, (min. 0-2-9), 9=1620/0-3-8, (min. 0-2-9)
Max Horiz 2=-149 (LC 11)
Max Uplift 2=-241 (LC 10), 9=-241 (LC 11)

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

TOP CHORD	2-3=-858/64, 3-4=-3002/782, 4-5=-2944/880, 5-6=-2473/793, 6-7=-2104/671, 7-8=-5890/1400, 8-9=-5590/1410
BOT CHORD	2-16=-603/2690, 16-24=-511/2419, 15-24=-511/2419, 15-25=-511/2419, 14-25=-511/2419, 14-26=-264/1801, 26-27=-264/1801, 13-27=-264/1801, 12-13=-776/3563, 11-12=-1240/5284, 9-11=-1218/5180
WEBS	6-13=-121/631, 7-13=-2060/609, 7-12=-544/3034, 8-12=0/381, 6-14=-246/820, 5-14=-593/317, 5-16=-136/437, 8-11=-359/138

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 MT20 plates unless otherwise indicated.
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) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 241 lb uplift at joint 2 and 241 lb uplift at joint 9.
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 - MCDOWELL A ROOF
72500978	A1G	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 13 11:55:11 — Page: 1

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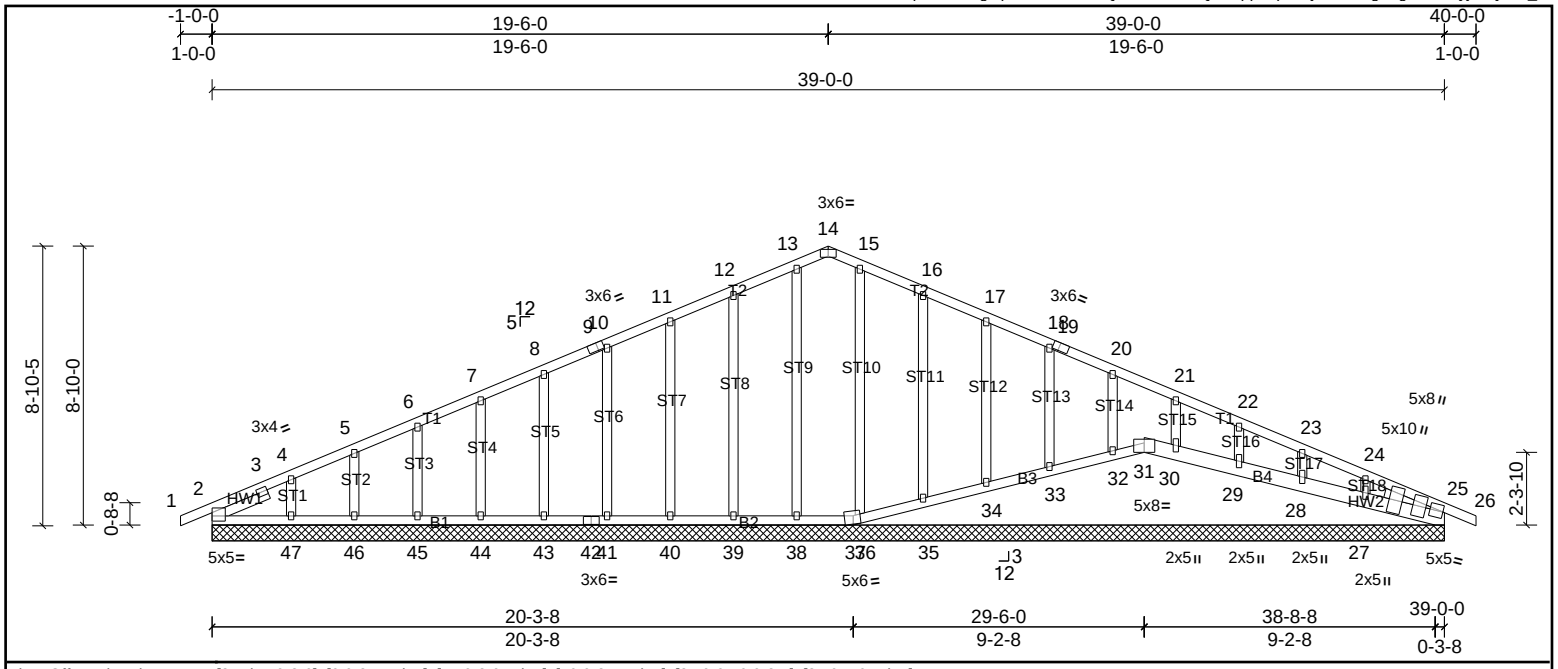


Plate Offsets (X, Y): [2:Edge,0-2-0], [9:0-2-7,Edge], [14:0-3-0,Edge], [19:0-2-7,Edge], [25:0-0-10,0-2-7], [31:0-4-0,Edge]

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	0.11	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.01	25	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 245 lb	FT = 20%

LUMBER

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

BRACING

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

REACTIONS All bearings 39-0-0.

(lb) - Max Horiz 2=-149 (LC 15)

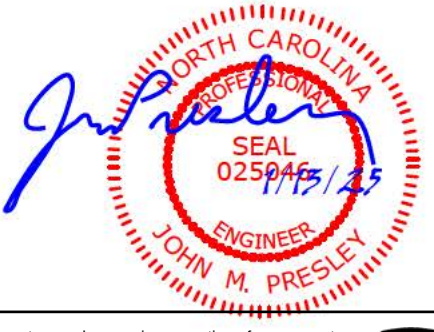
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 25, 27, 28, 29, 30, 32, 33, 34, 35, 37, 39, 40, 41, 43, 44, 45, 46, 47

Max Grav All reactions 250 (lb) or less at joint(s) 2, 25, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 43, 44, 45, 46, 47

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) 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) 2, 37, 25, 39, 40, 41, 43, 44, 45, 46, 47, 35, 34, 33, 32, 30, 29, 28, 27.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 31, 36, 35, 34, 33, 32, 30, 29, 28, 27.
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 - MCDOWELL A ROOF
72500978	A2	Truss	10	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 13 11:55:11 — Page: 1

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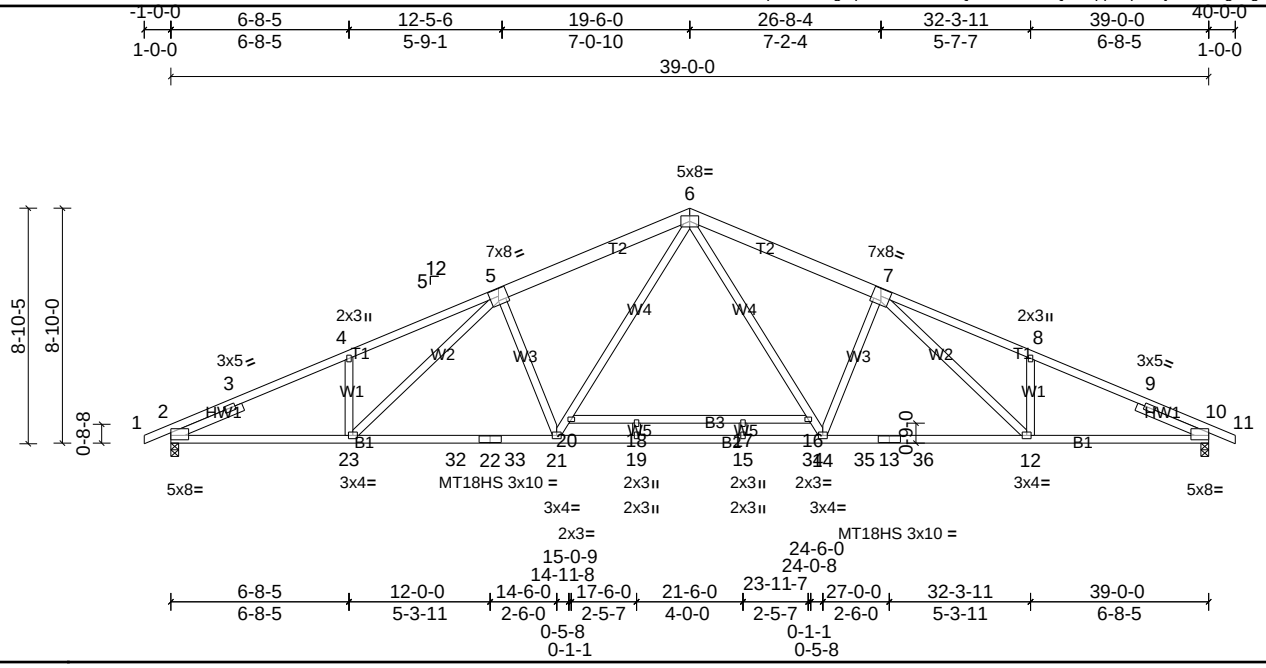


Plate Offsets (X, Y): [2:Edge,0-3-3], [5:0-4-0,0-3-4], [7:0-4-0,0-3-4], [10:Edge,0-3-3]

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	0.78	Vert(LL)	-0.44	15-19	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.96	Vert(CT)	-0.91	15-19	>515	180	MT18HS	244/190
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.67	Horz(CT)	0.15	10	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 238 lb	FT = 20%

LUMBER

TOP CHORD	2x6 SP No.2 *Except* T1:2x4 SP SS
BOT CHORD	2x4 SP SS *Except* B3:2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 -- 2-11-0, Right 2x4 SP No.3 -- 2-11-0

BRACING

TOP CHORD	2-0-0 oc purlins (2-8-12 max.) (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

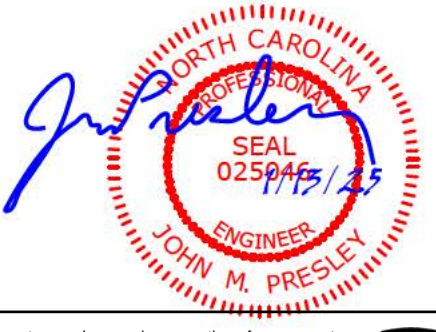
REACTIONS (lb/size) 2=1927/0-3-8, (min. 0-3-0), 10=1927/0-3-8, (min. 0-3-0)
Max Horiz 2=-166 (LC 11)
Max Uplift 2=-209 (LC 10), 10=-209 (LC 11)

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

TOP CHORD	2-3=-1061/103, 3-4=-3631/754, 4-5=-3583/873, 5-6=-3215/719, 6-7=-3215/719, 7-8=-3583/873, 8-9=-3631/754, 9-10=-1052/103
BOT CHORD	2-23=-565/3281, 23-32=-414/3077, 22-32=-414/3077, 22-33=-414/3077, 21-33=-414/3077, 19-21=-195/2421, 15-19=-195/2421, 15-34=-195/2421, 14-34=-195/2421, 14-35=-414/3077, 13-35=-414/3077, 13-36=-414/3077, 12-36=-414/3077, 10-12=-565/3281
WEBS	5-21=-608/353, 20-21=-194/1044, 6-20=-157/1170, 6-16=-157/1170, 14-16=-194/1044, 7-14=-608/353, 5-23=-217/465, 7-12=-217/465

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 MT20 plates unless otherwise indicated.
4) All plates are 2x3 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 209 lb uplift at joint 2 and 209 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 - MCDOWELL A ROOF
72500978	A2G	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 13 11:55:12 — Page: 1

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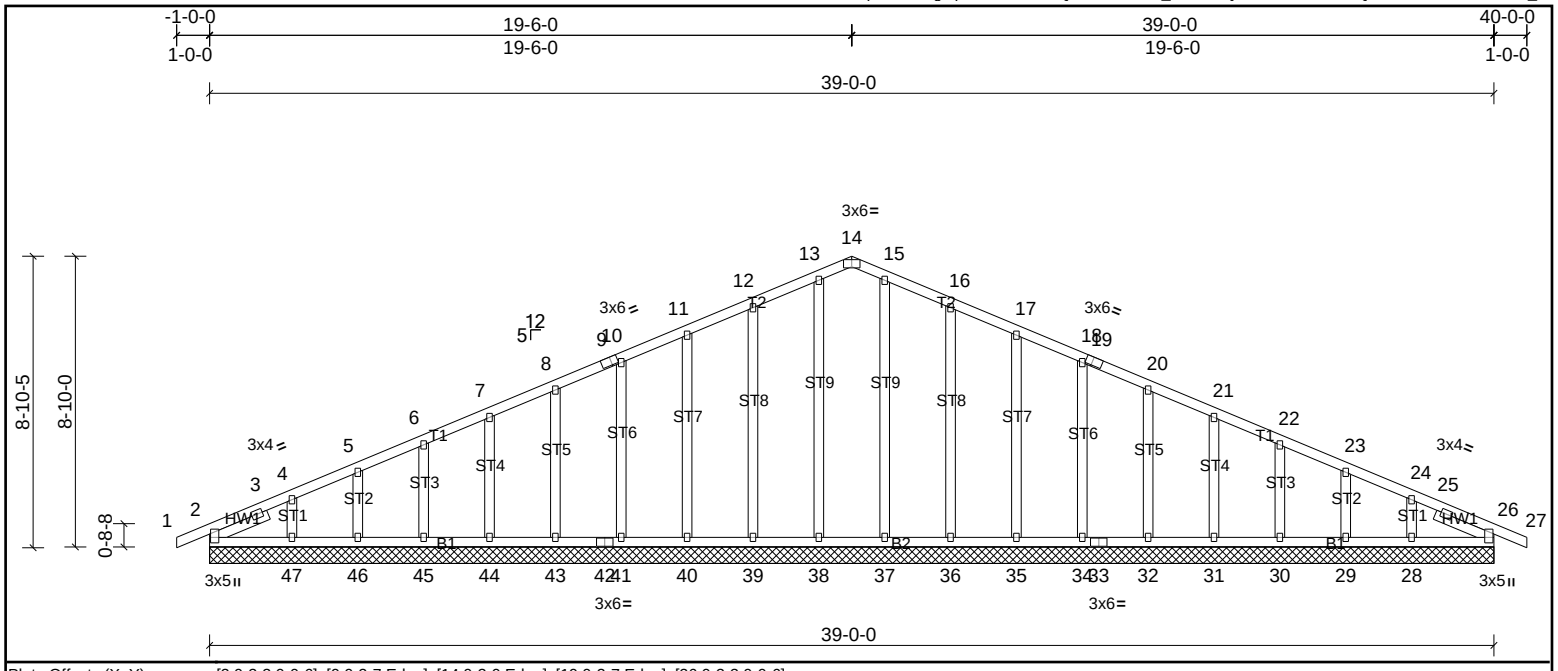


Plate Offsets (X, Y): [2:0-3-3,0-0-6], [9:0-2-7,Edge], [14:0-3-0,Edge], [19:0-2-7,Edge], [26:0-3-3,0-0-6]

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	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.01	26	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 251 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 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.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS All bearings 39-0-0.

(lb) - Max Horiz 2=-149 (LC 11)

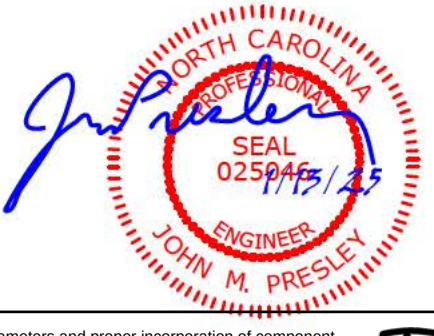
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 28, 29, 30, 31, 32, 34, 35, 36, 39, 40, 41, 43, 44, 45, 46, 47

Max Grav All reactions 250 (lb) or less at joint(s) 2, 26, 28, 29, 30, 31, 32, 34, 35, 36, 37, 38, 39, 40, 41, 43, 44, 45, 46, 47

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) 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) 2, 39, 40, 41, 43, 44, 45, 46, 47, 36, 35, 34, 32, 31, 30, 29, 28.
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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL A ROOF
72500978	P1	Truss	2	1	Job Reference (optional)

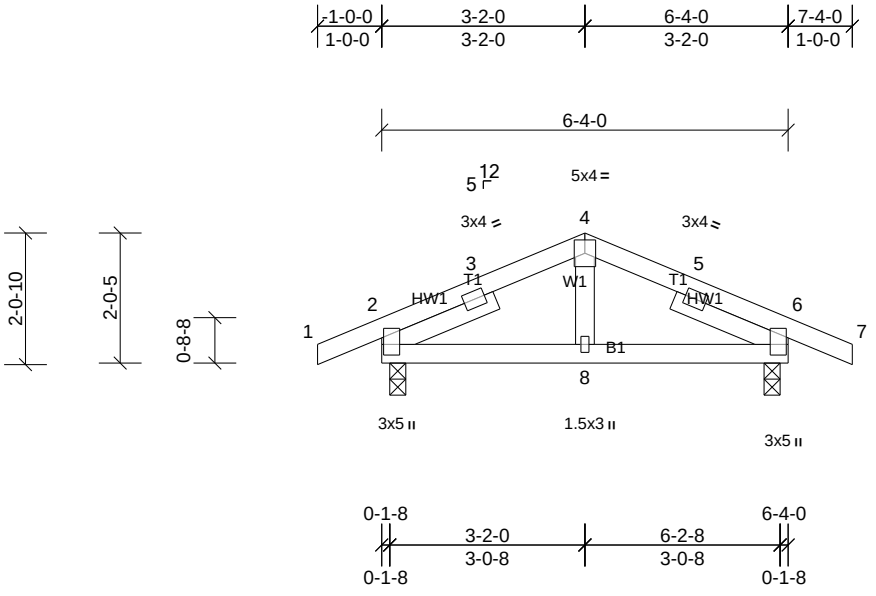


Plate Offsets (X, Y): [2:0-2-0,0-0-6], [6:0-3-3,0-0-6]

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	0.09	Vert(LL)	0.00	8-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	0.00	8-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 31 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, Right 2x4 SP No.3 -- 1-11-0

BRACING

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

REACTIONS (lb/size) 2=313/0-3-0, (min. 0-1-8), 6=313/0-3-0, (min. 0-1-8)
Max Horiz 2=30 (LC 10)
Max Uplift 2=-107 (LC 6), 6=-107 (LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-252/325, 4-5=-252/325

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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 107 lb uplift at joint 2 and 107 lb uplift at joint 6.
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.