Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72505053	A1G	Truss	1	1	18 CBR — Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:02   Page: 1
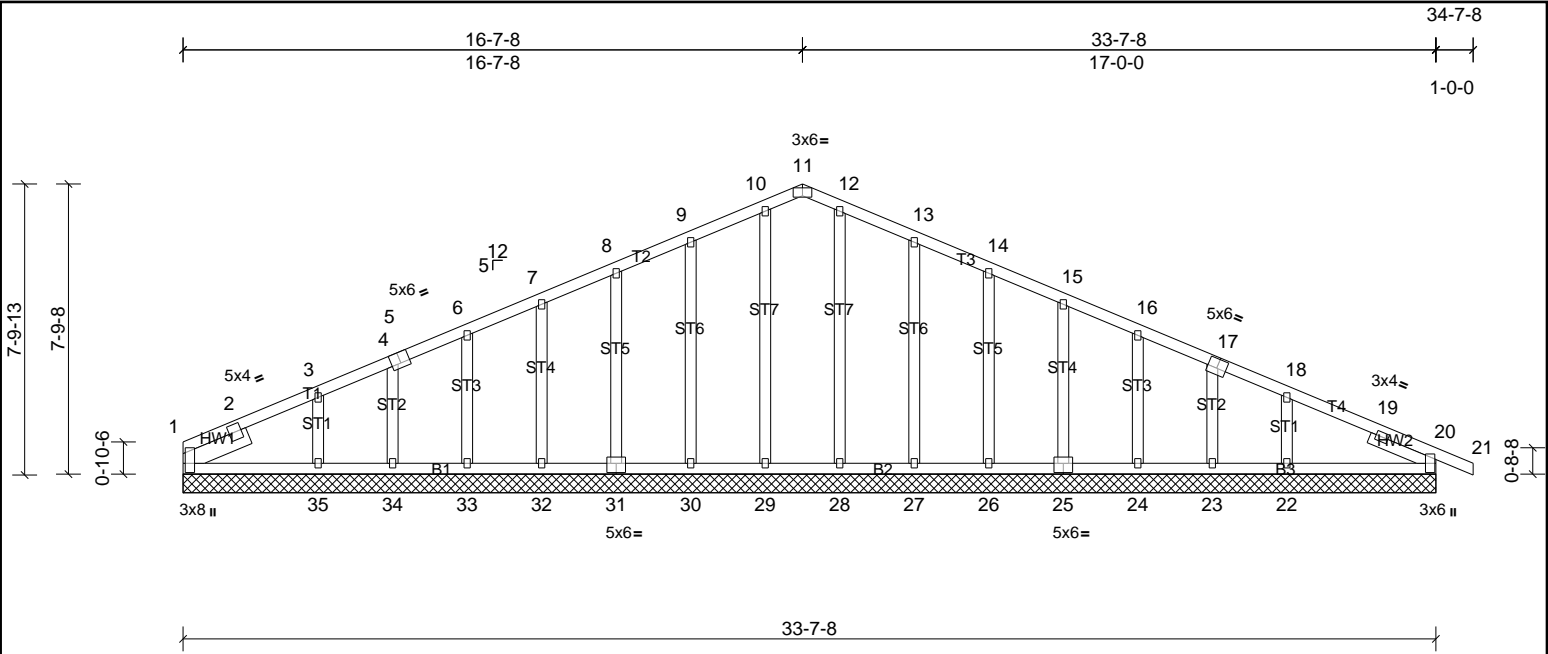ID:dRTQ7G9VuEtPClr9spvyHoyxARL-n?v7mI0Yn?RnTEQr7jiDls21Z5TenZhvNSWlbzzMEUB

Plate Offsets (X, Y):   [1:0-3-0,0-3-3], [5:0-3-0,Edge], [11:0-3-0,Edge], [17:0-3-0,0-3-0], [20:0-4-3,0-0-6], [25:0-3-0,0-3-0], [31:0-3-0,0-3-0]
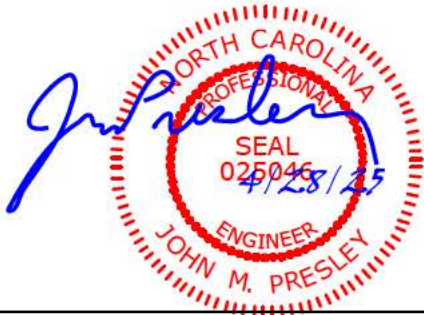
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.01	20	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 204 lb	FT = 20%

LUMBER
TOP CHORD   2x4 SP No.2
BOT CHORD   2x4 SP No.2
OTHERS   2x4 SP No.3
SLIDER   Left 2x6 SP No.2 -- 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 33-7-8.
(lb) - Max Horiz   1=-142 (LC 11)
        Max Uplift   All uplift 100 (lb) or less at joint(s) 1, 20, 23, 24, 25, 26, 27, 30, 31, 32, 33, 34 except 22=-110 (LC 11), 35=-127 (LC 10)
        Max Grav   All reactions 250 (lb) or less at joint(s) 1, 20, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 except 22=296 (LC 22), 35=279 (LC 21)

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) 1, 20, 30, 31, 32, 33, 34, 27, 26, 25, 24, 23, 1, 20 except (jt=lb) 35=126, 22=110.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1, 36.
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 C ROOF
72505053	A1S	Truss	10	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry   Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:02   Page: 1
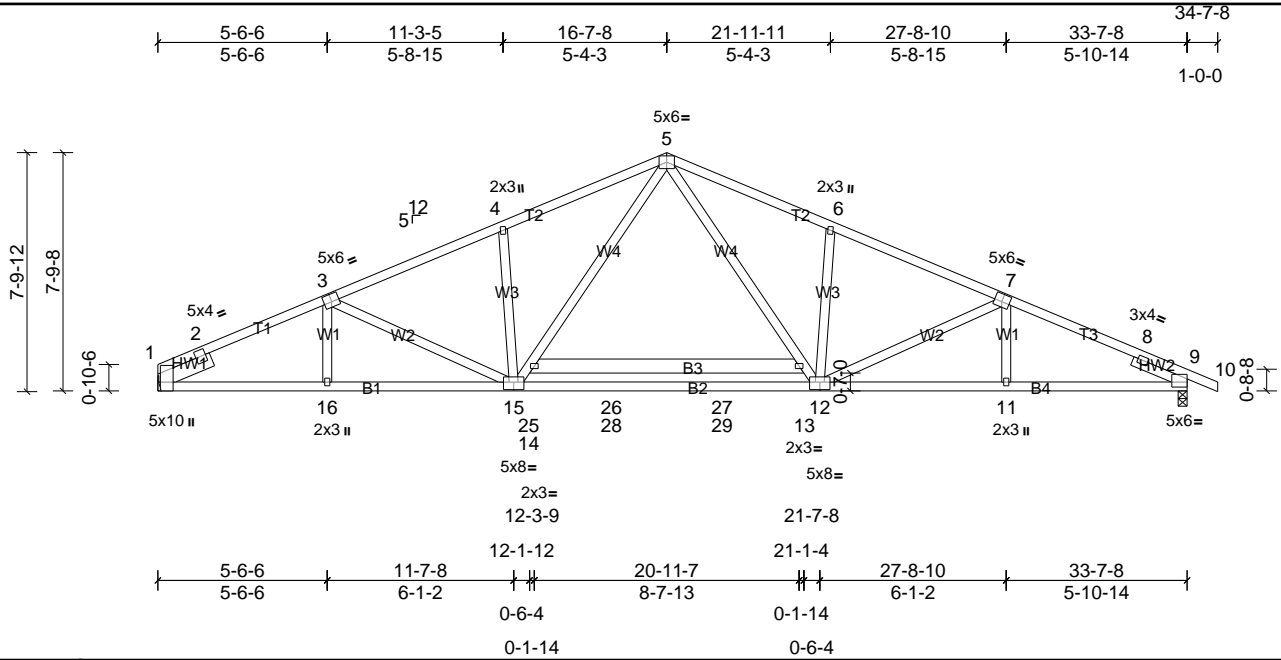ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-n?v7mI0Yn?RnTEQr7jiDls2sB5IRnS0vNSWlbzzMEUB

Plate Offsets (X, Y):   [1:0-6-9,Edge], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [9:Edge,0-3-3], [12:0-4-0,0-3-0], [15:0-4-0,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.86	Vert(LL)	-0.31	12-15	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.64	12-15	>634	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.52	Horz(CT)	0.10	9	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 202 lb	FT = 20%

LUMBER
TOP CHORD   2x4 SP No.2 *Except* T1:2x4 SP SS, T3:2x4 SP No.1
BOT CHORD   2x4 SP SS *Except* B2:2x4 SP No.1, B3:2x6 SP No.2
WEBS   2x4 SP No.3
SLIDER   Left 2x6 SP No.2 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0

BRACING
TOP CHORD   Structural wood sheathing directly applied or 2-5-10 oc purlins.
BOT CHORD   Rigid ceiling directly applied or 10-0-0 oc bracing,   Except:
6-0-0 oc bracing: 13-14.

REACTIONS   (lb/size)   1=1435/ Mechanical, 9=1495/0-3-8, (min. 0-2-6)
Max Horiz   1=-141 (LC 11)
Max Uplift   1=-131 (LC 10), 9=-159 (LC 11)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   1-2=-704/45, 2-3=-2577/536, 3-4=-2388/490, 4-5=-2394/590, 5-6=-2418/595, 6-7=-2416/495, 7-8=-2717/558, 8-9=-802/40
BOT CHORD   1-16=-384/2299, 15-16=-386/2300, 15-25=-85/1650, 25-26=-85/1650, 26-27=-85/1650, 12-27=-85/1650, 11-12=-411/2441, 9-11=-409/2441
WEBS   4-15=-382/236, 14-15=-247/848, 5-14=-171/942, 5-13=-179/979, 12-13=-254/886, 6-12=-371/233, 7-12=-322/178

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 is not designed to support a ceiling and is not intended for use where aesthetics are a consideration.
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 131 lb uplift at joint 1 and 159 lb uplift at joint 9.
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 - MCDOWELL C ROOF
72505053	A2	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry — Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:03 — Page: 1
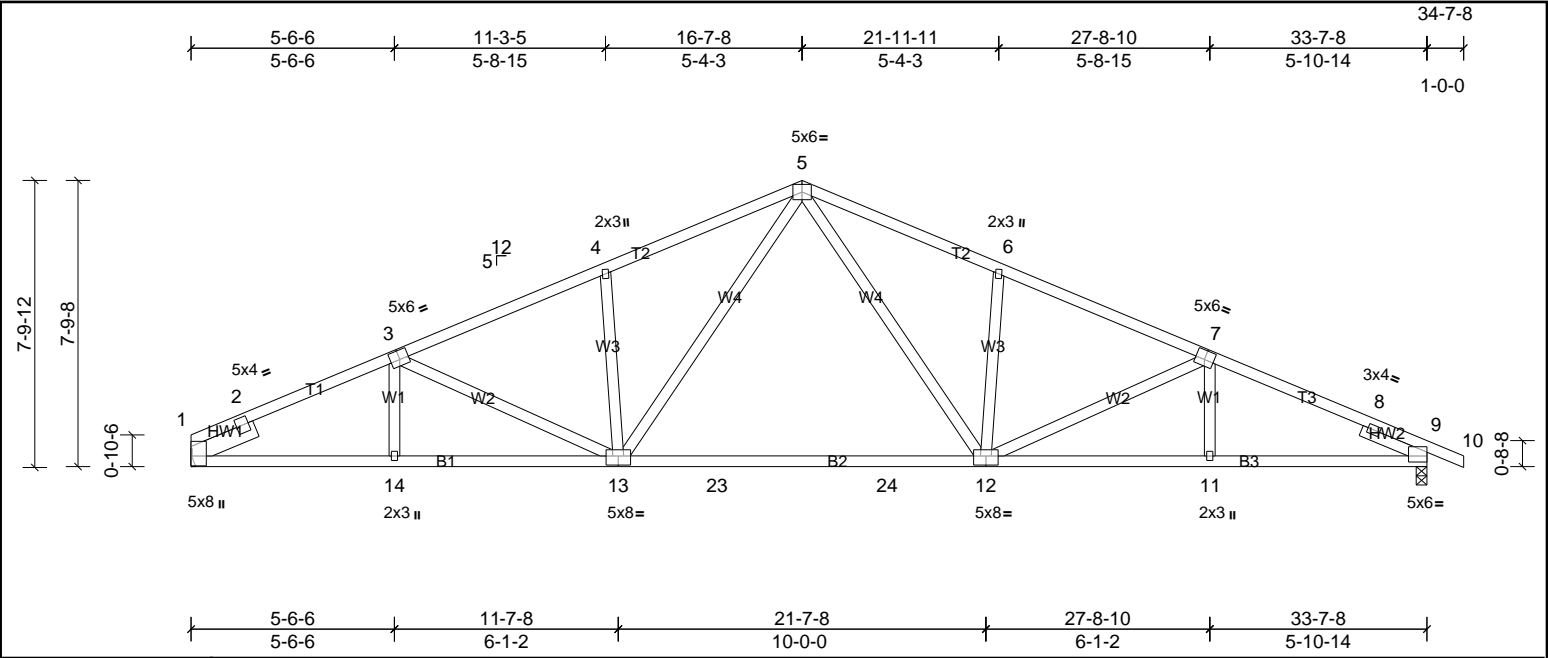ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-FCTV_e1AYJZe5O?2hQDSH4b0HVcTWyc2c6GI7PzMEUA

Plate Offsets (X, Y): [1:Edge,0-0-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [9:Edge,0-3-3], [12:0-4-0,0-3-0], [13:0-4-0,0-3-0]
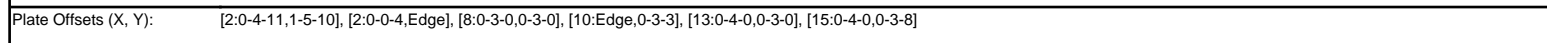
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.90	Vert(LL)	-0.35	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.90	Vert(CT)	-0.66	12-13	>615	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.10	9	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 181 lb	FT = 20%

LUMBER
TOP CHORD   2x4 SP No.2 *Except* T1:2x4 SP No.1
BOT CHORD   2x4 SP No.1 *Except* B1:2x4 SP SS
WEBS   2x4 SP No.3
SLIDER   Left 2x6 SP No.2 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0

BRACING
TOP CHORD   Structural wood sheathing directly applied or 2-1-0 oc purlins.
BOT CHORD   Rigid ceiling directly applied or 8-7-8 oc bracing.

REACTIONS   (lb/size)   1=1344/ Mechanical, 9=1406/0-3-8, (min. 0-2-3)
Max Horiz   1=-141 (LC 11)
Max Uplift   1=-186 (LC 10), 9=-212 (LC 11)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   1-2=-675/74, 2-3=-2387/646, 3-4=-2174/617, 4-5=-2178/718, 5-6=-2201/724, 6-7=-2200/624, 7-8=-2522/674, 8-9=-692/56
BOT CHORD   1-14=-483/2129, 13-14=-486/2130, 13-23=-223/1505, 23-24=-223/1505, 12-24=-223/1505, 11-12=-516/2263, 9-11=-514/2263
WEBS   4-13=-379/238, 5-13=-230/820, 5-12=-241/854, 6-12=-370/235, 7-12=-345/163

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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 186 lb uplift at joint 1 and 212 lb uplift at joint 9.
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 - MCDOWELL C ROOF
72505053	A3V	Truss	9	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:04   Page: 1
ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-FCTV_e1AYJZe5O?2hQDSH4b0xVb9WqZ2c6GI7PzMEUA

Plate Offsets (X, Y):   [2:0-4-11,1-5-10], [2:0-0-4,Edge], [8:0-3-0,0-3-0], [10:Edge,0-3-3], [13:0-4-0,0-3-0], [15:0-4-0,0-3-8]

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	0.93	Vert(LL)	-0.39	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.98	Vert(CT)	-0.77	13-14	>527	180	M18AHS	186/179
BCLL	0.0*	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.31	10	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 188 lb	FT = 20%

LUMBER
TOP CHORD   2x4 SP No.2
BOT CHORD   2x4 SP No.1 *Except* B1:2x6 SP No.1, B3:2x4 SP No.2
WEBS   2x4 SP No.3
WEDGE   Left: 2x4 SP No.2
SLIDER   Right 2x4 SP No.3 -- 1-11-0

BRACING
TOP CHORD   Structural wood sheathing directly applied or 1-10-4 oc purlins.
BOT CHORD   Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS   1 Row at midpt   3-14

REACTIONS   (lb/size)   2=1420/0-3-8, (min. 0-2-4), 10=1420/0-3-8, (min. 0-2-4)
Max Horiz   2=131 (LC 10)
Max Uplift   2=-213 (LC 10), 10=-213 (LC 11)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   2-3=-4987/1232, 3-4=-2085/589, 4-5=-2035/616, 5-6=-2104/727, 6-7=-2235/736, 7-8=-2231/634, 8-9=-2554/680, 9-10=-694/59
BOT CHORD   2-15=-1042/4635, 14-15=-1020/4489, 14-23=-227/1535, 23-24=-227/1535, 13-24=-227/1535, 12-13=-521/2291, 10-12=-519/2292
WEBS   3-15=-385/2113, 3-14=-2782/728, 5-14=-385/233, 6-14=-265/844, 6-13=-252/844, 8-13=-347/159, 7-13=-378/240

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) 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) 2 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 213 lb uplift at joint 2 and 213 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.

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry · Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:04 · Page: 1
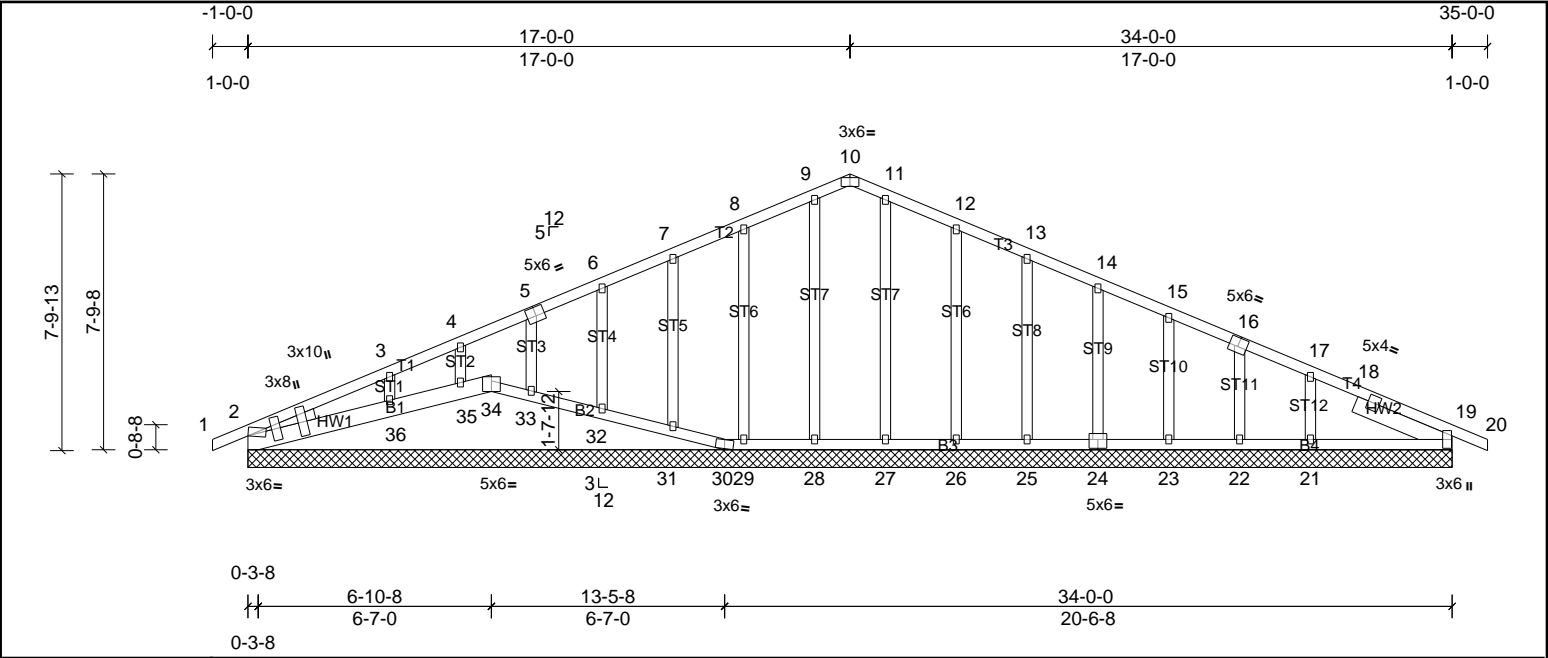ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-jO1tBz2pJchViYaEF7lhqH7NWv9CFT?Bqm0sfrzMEU9

Plate Offsets (X, Y): [2:0-4-11,1-5-10], [5:0-3-0,0-3-0], [10:0-3-0,Edge], [16:0-3-0,0-3-0], [19:0-4-3,0-0-3], [24:0-3-0,0-3-0], [34:0-3-0,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	0.17	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	0.11	Horz(CT)	0.01	19	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 208 lb	FT = 20%

LUMBER
TOP CHORD   2x4 SP No.2
BOT CHORD   2x4 SP No.2 *Except* B1:2x6 SP No.2
OTHERS   2x4 SP No.3
WEDGE   Left: 2x4 SP No.2
SLIDER   Right 2x6 SP No.2 -- 2-11-0

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, Except:
            6-0-0 oc bracing: 35-36.

REACTIONS   All bearings 34-0-0.
(lb) - Max Horiz   2=-131 (LC 11)
       Max Uplift All uplift 100 (lb) or less at joint(s) 2, 19, 21, 22, 23, 24, 25, 26, 29, 30, 31, 32, 33, 35 except 36=-110 (LC 10)
       Max Grav   All reactions 250 (lb) or less at joint(s) 2, 19, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 except 21=283 (LC 22), 36=314 (LC 21)

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, 30, 19, 29, 31, 32, 33, 35, 26, 25, 24, 23, 22, 21 except (jt=lb) 36=110.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 34, 31, 32, 33, 35, 36.
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 C ROOF
72505053	B1G	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:05   Page: 1
ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-BaaFOJ2R4wpMKi9QprGwNVgZclW__xBL3QlPBIzMEU8

Plate Offsets (X, Y): [8:0-3-0,Edge], [9:0-0-0,Edge], [10:0-0-0,Edge], [11:0-0-0,Edge], [12:0-0-0,Edge], [14:Edge,0-0-0], [14:0-0-0,0-0-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	14	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 112 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 -- 1-9-1, Right 2x4 SP No.3 -- 1-9-1

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 20-3-8.
(lb) - Max Horiz   2=97 (LC 14)
        Max Uplift   All uplift 100 (lb) or less at joint(s) 2, 17, 18, 22, 23 except 16=-103 (LC 11), 24=-109 (LC 10)
        Max Grav   All reactions 250 (lb) or less at joint(s) 2, 14, 16, 17, 18, 20, 21, 22, 23, 24

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 1.5x3 (||) MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 22, 23, 18, 17 except (jt=lb) 24=108, 16=102.
9) Non Standard bearing condition. Review required.
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 C ROOF
72505053	B2	Truss	1	**3**	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry | Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:05 | Page: 1
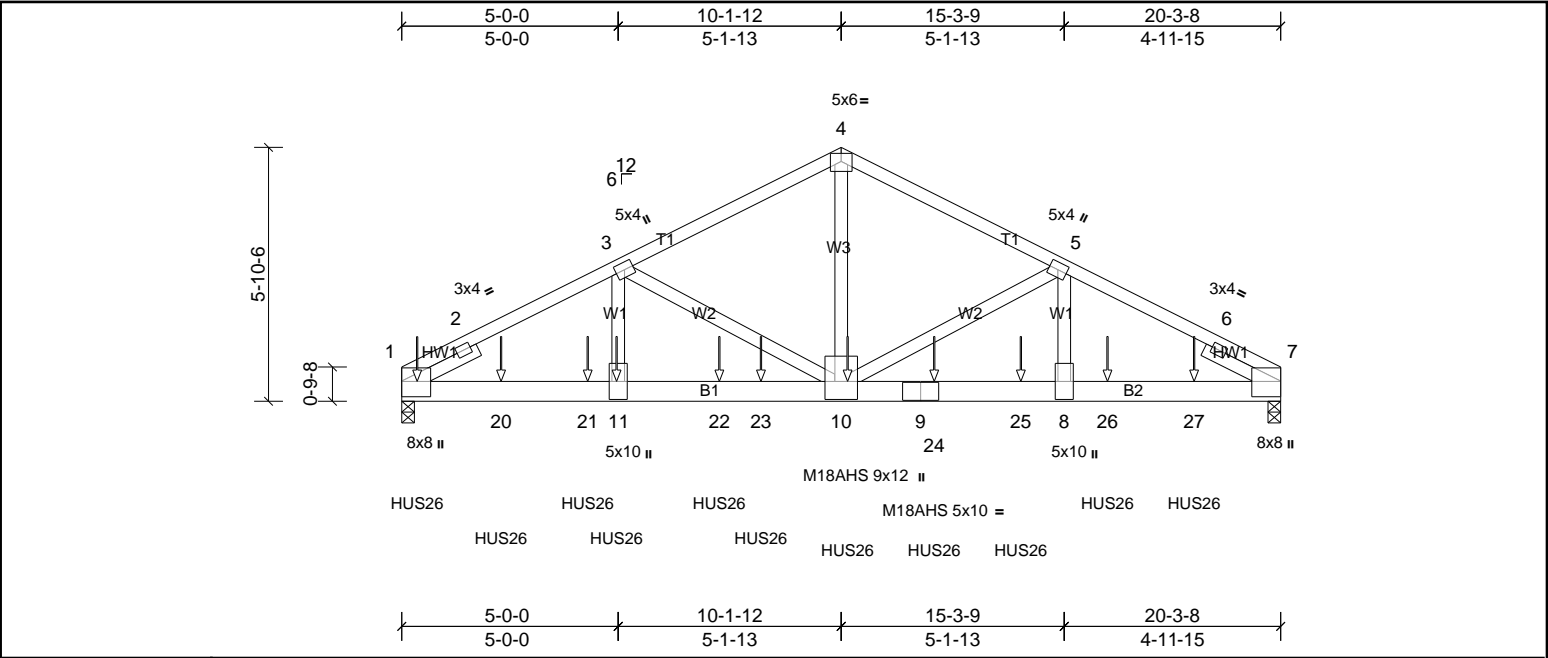ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-BaaFOJ2R4wpMKi9QprGwNVgP0IMX_nSL3QlPBIzMEU8

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

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	0.76	Vert(LL)	-0.13	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.67	Vert(CT)	-0.27	10-11	>889	180	M18AHS	186/179
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.67	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 357 lb	FT = 20%

LUMBER
TOP CHORD   2x4 SP No.1
BOT CHORD   2x6 SP SS
WEBS   2x4 SP No.3 *Except* W3:2x4 SP No.2
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 5-1-3 oc purlins.
BOT CHORD   Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS   (lb/size)   1=9381/0-3-8, (req. 0-4-14), 7=7725/0-3-8, (min. 0-3-1)
Max Horiz   1=-89 (LC 9)
Max Uplift   1=-1035 (LC 8), 7=-812 (LC 9)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   1-2=-10015/982, 2-3=-13798/1465, 3-4=-9710/1052, 4-5=-9712/1052, 5-6=-12503/1325, 6-7=-8408/843
BOT CHORD   1-20=-1327/12212, 20-21=-1327/12212, 11-21=-1327/12212, 11-22=-1327/12212, 22-23=-1327/12212, 10-23=-1327/12212, 9-10=-1113/11058, 9-24=-1113/11058, 24-25=-1113/11058
8-25=-1113/11058, 8-26=-1113/11058, 26-27=-1113/11058, 7-27=-1113/11058
WEBS   3-11=-346/3828, 3-10=-4103/552, 4-10=-813/8198, 5-10=-2778/408, 5-8=-212/2586

NOTES
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-5-0 oc.
   Web connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 3-11 2x4 - 2 rows staggered at 0-6-0 oc, member 4-10 2x4 - 1 row at 0-6-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections
   have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=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
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.
8) WARNING: Required bearing size at joint(s) 1 greater than input bearing size.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1035 lb uplift at joint 1 and 812 lb uplift at joint 7.
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) Use Simpson Strong-Tie HUS26 (14-10d Girder, 4-10d Truss) or equivalent spaced at 2-4-8 oc max. starting at 0-4-4 from the left end to 18-3-8 to
    connect truss(es) to front face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S)   Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
            Vert: 1-4=-60, 4-7=-60, 12-16=-20
   Concentrated Loads (lb)
            Vert: 11=-1415 (F), 10=-1415 (F), 14=-1331 (F), 20=-1415 (F), 21=-1415 (F), 22=-1415 (F), 23=-1415 (F), 24=-1415 (F), 25=-1415 (F),
            26=-1415 (F), 27=-1415 (F)
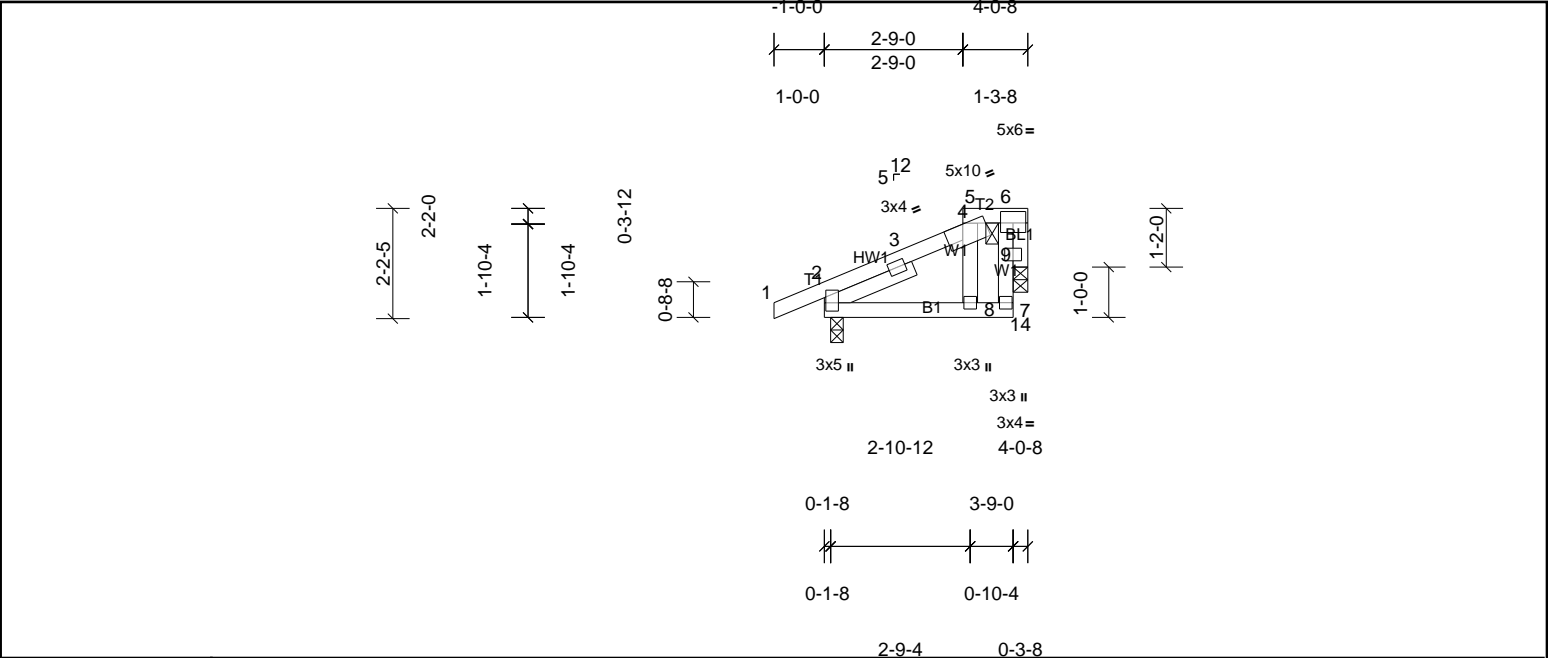
Plate Offsets (X, Y):   [2:0-3-3,0-0-6], [6:0-3-0,0-2-12]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.38	Vert(LL)	0.01	8-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.21	Vert(CT)	0.01	8-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	14	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 23 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 2x4 SP No.3 -- 1-11-0

BRACING
TOP CHORD   Structural wood sheathing directly applied or 4-0-8 oc purlins, except end
              verticals, and 2-0-0 oc purlins: 5-8, 5-6.
BOT CHORD   Rigid ceiling directly applied or 9-8-12 oc bracing.

REACTIONS   (lb/size)   2=309/0-3-0, (min. 0-1-8), 14=397/0-3-8, (min. 0-1-8)
              Max Horiz   2=147 (LC 9)
              Max Uplift   2=-121 (LC 8), 14=-166 (LC 9)
              Max Grav   2=309 (LC 1), 14=432 (LC 19)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   3-4=-242/324, 7-14=-278/237
BOT CHORD   2-8=-362/259

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 3-7-4 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)   Provide adequate drainage to prevent water ponding.
4)   This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5)   * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between
     the bottom chord and any other members.
6)   Bearing at joint(s) 14 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 121 lb uplift at joint 2 and 166 lb uplift at joint 14.
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)   Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
10) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 416 lb down and 356 lb up at 2-10-12 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: 1-4=-60, 5-6=-142, 7-10=-20
     Concentrated Loads (lb)
               Vert: 4=-300

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72505053	P2	Truss	1	**2**	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:06 Page: 1
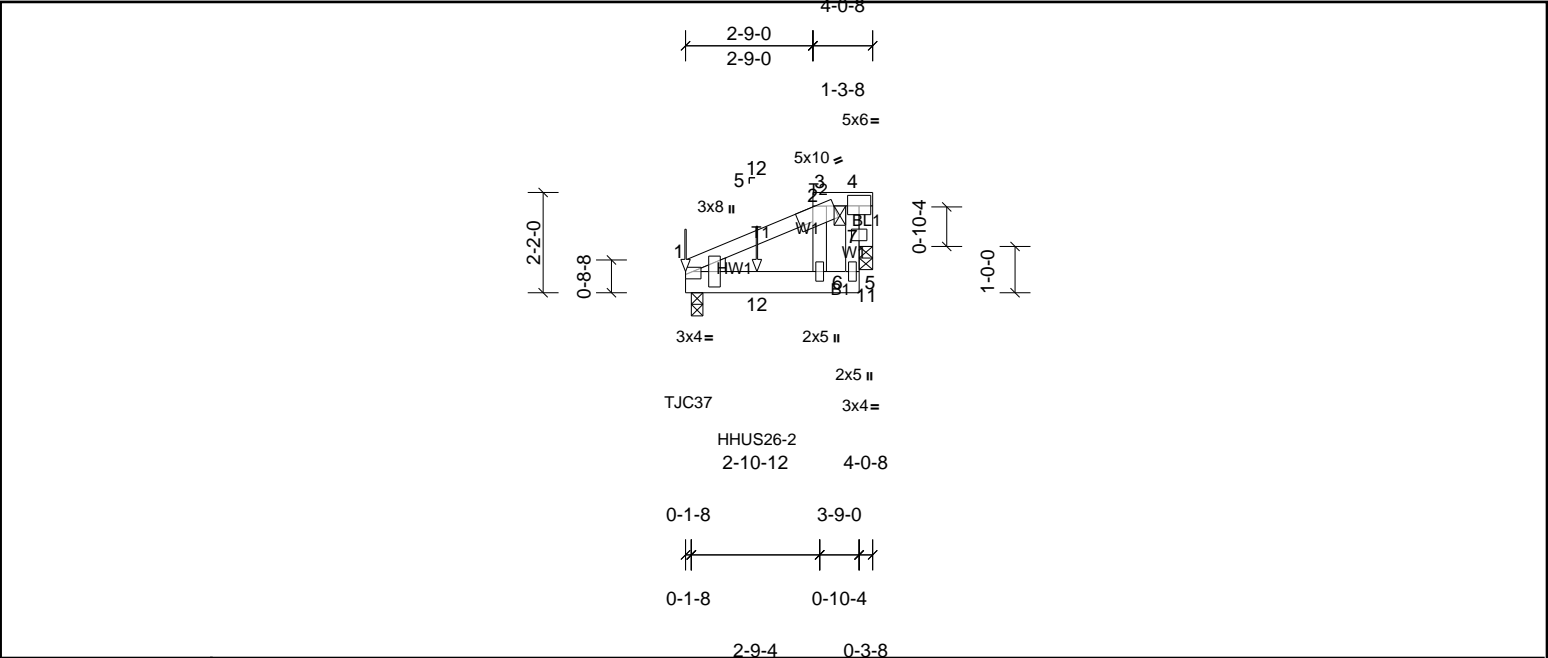ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-gn8ecf33rExCyskcMYn9viDgtipdjMzUI4VykkzMEU7

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.37	Vert(LL)	0.01	6-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.23	Vert(CT)	-0.01	6-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	1	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 44 lb	FT = 20%

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

BRACING
TOP CHORD   Structural wood sheathing directly applied or 4-0-8 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-6, 3-4.
BOT CHORD   Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS   (lb/size)   1=871/0-3-0, (min. 0-1-8), 11=608/0-3-8, (min. 0-1-8)
Max Horiz   1=132 (LC 5)
Max Uplift   1=-281 (LC 4), 11=-302 (LC 5)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   1-2=-500/222, 3-4=-257/119, 5-11=-182/354
BOT CHORD   1-12=-258/463, 6-12=-258/463, 5-6=-132/257
WEBS   4-11=-252/124

NOTES
1)   2-ply truss to be connected together as follows:
Top chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected with 10d (0.131"x3") nails as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
2)   All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3)   Unbalanced roof live loads have been considered for this design.
4)   Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5)   Provide adequate drainage to prevent water ponding.
6)   This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7)   * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8)   Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9)   Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 281 lb uplift at joint 1 and 302 lb uplift at joint 11.
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)   Use Simpson Strong-Tie TJC37 (4 nail, 90-90) or equivalent at 0-0-12 from the left end to connect truss(es) to front face of bottom chord.
14)   Use Simpson Strong-Tie HHUS26-2 (14-10d Girder, 4-10d Truss) or equivalent at 1-6-8 from the left end to connect truss(es) to front face of bottom chord.
15)   Fill all nail holes where hanger is in contact with lumber.
16)   Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 416 lb down and 187 lb up at 2-10-12 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=-60, 5-8=-20

Concentrated Loads (lb)
Vert: 2=-300, 8=-255 (F), 12=-635 (F)

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72505053	P3	Truss	2	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:06   Page: 1
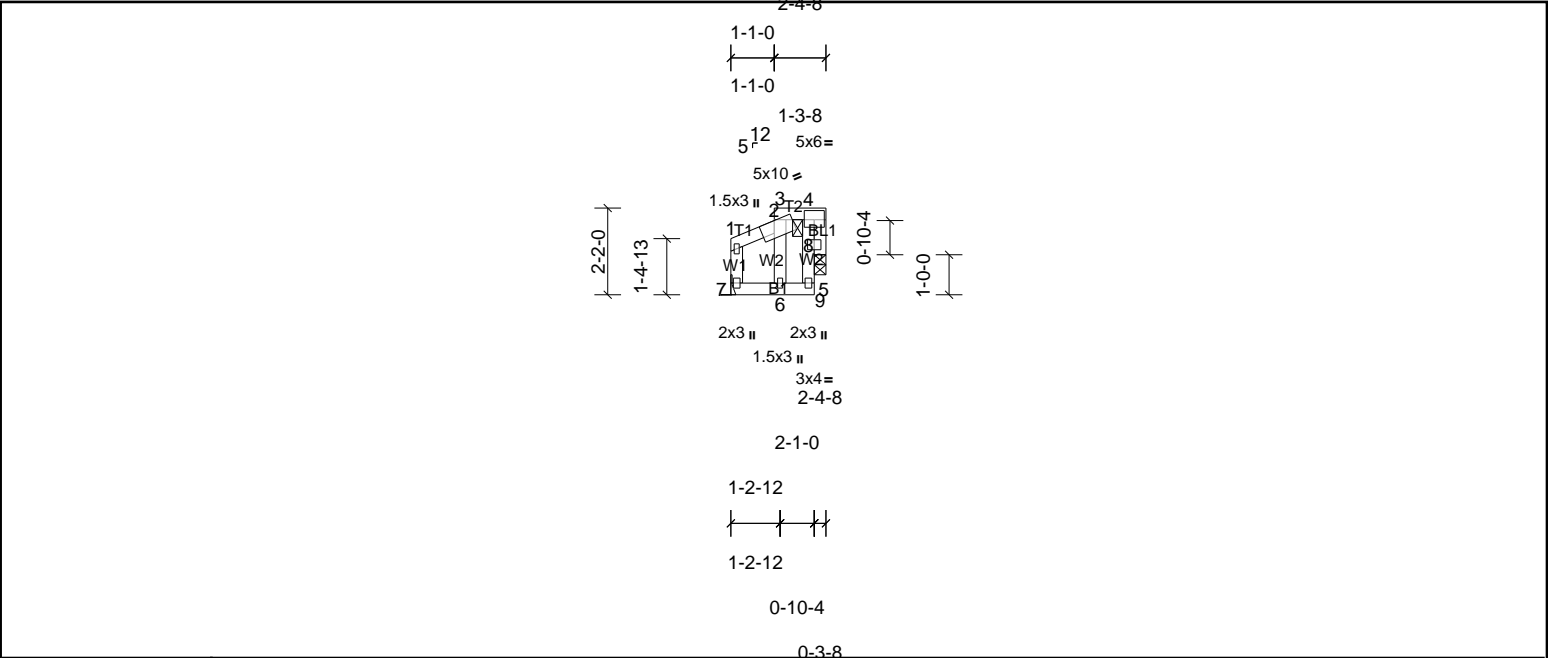ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-gn8ecf33rExCyskcMYn9viDiZipnjMkUI4VykkzMEU7

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	0.01	6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.22	Vert(CT)	0.01	6	>999	180		
BCLL	0.0*	Rep Stress Incr	NO	WB	0.16	Horz(CT)	0.00	9	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 14 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 2-4-8 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-4.
BOT CHORD   Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS   (lb/size)   7=226/ Mechanical, 9=218/0-3-8, (min. 0-1-8)
              Max Horiz   7=51 (LC 7)
              Max Uplift   7=-92 (LC 6), 9=-111 (LC 7)
              Max Grav   7=226 (LC 1), 9=218 (LC 19)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS   2-6=-280/280, 4-9=-230/299

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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) 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 92 lb uplift at joint 7 and 111 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.
9) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 342 lb down and 356 lb up at 1-2-12 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=-60, 5-7=-20
    Concentrated Loads (lb)
           Vert: 2=-300

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72505053	P4	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry · Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:07 · Page: 1
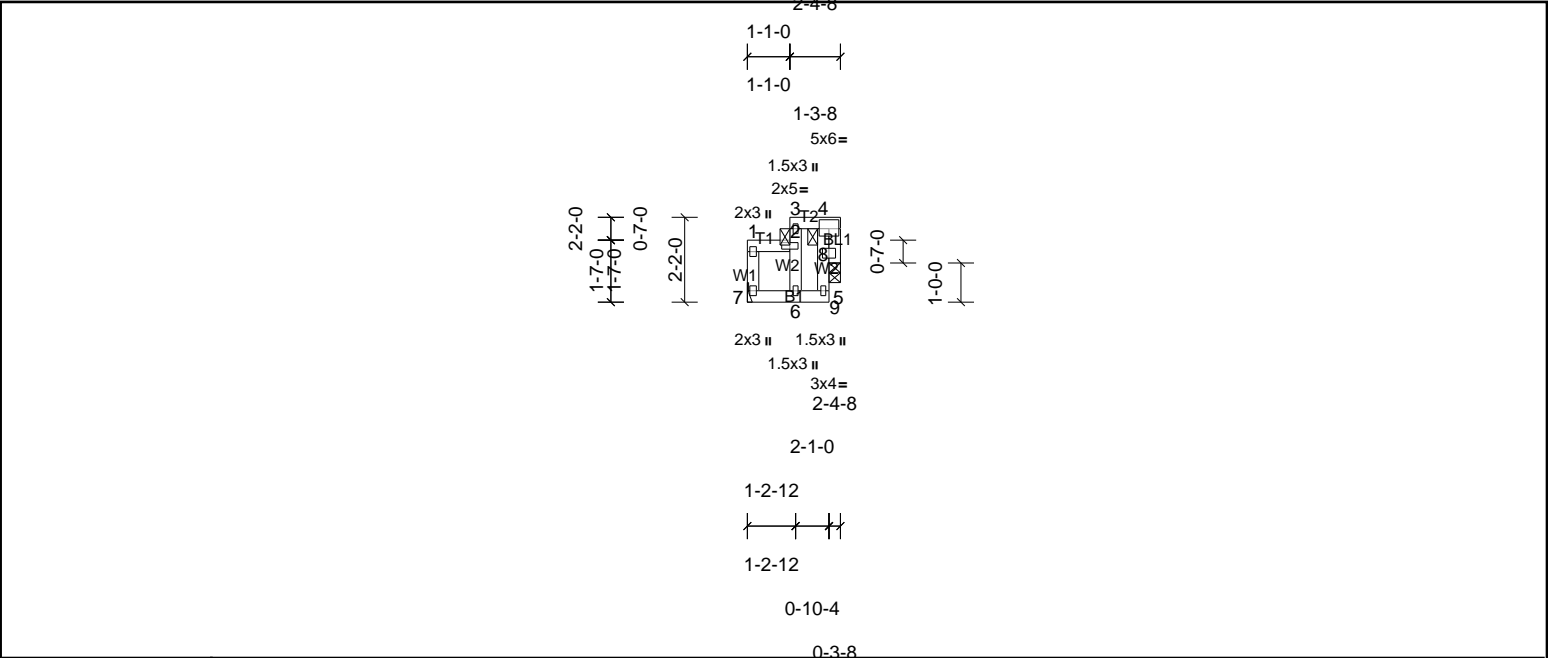ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-8zi0p?4hcX33Z0JpwGIOSwlt967DSoveWkEWGAzMEU6

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

Loading	(psf)	Spacing	2-1-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.21	Vert(LL)	0.01	6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.27	Vert(CT)	0.01	6	>999	180		
BCLL	0.0*	Rep Stress Incr	NO	WB	0.23	Horz(CT)	0.00	9	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 14 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   2-0-0 oc purlins, except end verticals
             (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD   Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS   (lb/size)   7=229/ Mechanical, 9=220/0-3-8, (min. 0-1-8)
               Max Horiz   7=-46 (LC 8)
               Max Uplift 7=-113 (LC 6), 9=-105 (LC 7)
               Max Grav   7=229 (LC 1), 9=222 (LC 19)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS   2-6=-318/340, 4-9=-233/284

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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) 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 113 lb uplift at joint 7 and 105 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.
9) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 342 lb down and 356 lb up at 1-2-12 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=-63, 3-4=-63, 5-7=-21
    Concentrated Loads (lb)
            Vert: 2=-300

Plate Offsets (X, Y):   [2:0-3-0,0-2-12]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.22	Vert(LL)	0.00	4	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	-0.01	4	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 12 lb	FT = 20%

LUMBER
TOP CHORD   2x4 SP No.2
BOT CHORD   2x6 SP No.2
WEBS   2x4 SP No.3
OTHERS   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)   5=241/ Mechanical, 7=267/0-3-8, (min. 0-1-8)
Max Horiz   5=-58 (LC 8)
Max Uplift   5=-38 (LC 6), 7=-45 (LC 7)
Max Grav   5=241 (LC 1), 7=270 (LC 19)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   3-7=-173/272, 2-7=-173/272, 1-4=-405/242
WEBS   2-7=-279/168

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)   Provide adequate drainage to prevent water ponding.
4)   This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5)   * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6)   Bearing at joint(s) 7 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 38 lb uplift at joint 5 and 45 lb uplift at joint 7.
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)   Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
10)   Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
11)   Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12)   Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 314 lb down and 252 lb up at 1-2-12 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=-142, 4-5=-80, 3-4=-20
     Concentrated Loads (lb)
                  Vert: 1=-300

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72505053	P6	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:08   Page: 1
ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-c9GO1L5JNrBwB9u?Uzpd_7I3JWW_BI9nlO_3odzMEU5
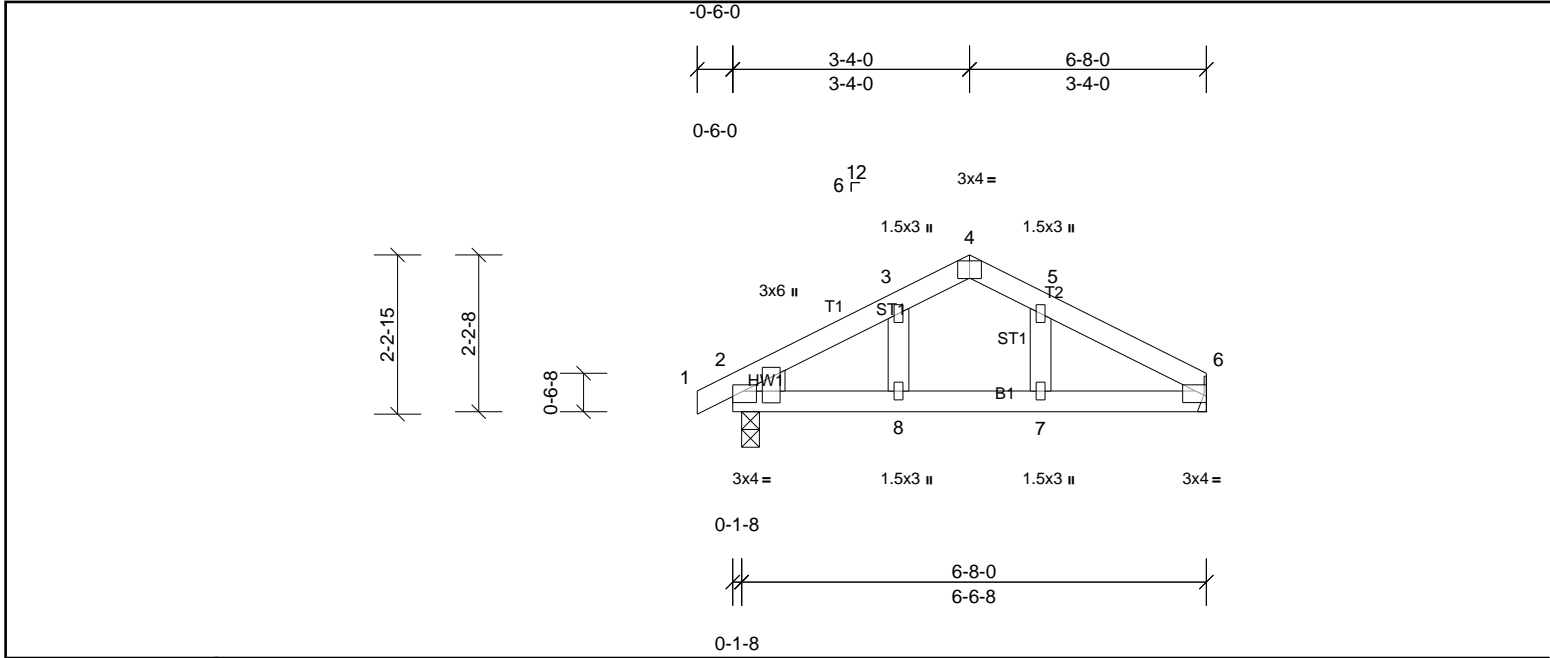
Plate Offsets (X, Y): [2:Edge,0-1-1], [2:0-1-1,0-5-0], [4:0-2-0,Edge]

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	0.18	Vert(LL)	0.01	7-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(CT)	-0.01	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 27 lb	FT = 20%

LUMBER
TOP CHORD   2x4 SP No.2
BOT CHORD   2x4 SP No.2
OTHERS   2x4 SP No.3
WEDGE   Left: 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)   2=298/0-3-0, (min. 0-1-8), 6=266/ Mechanical
Max Horiz   2=38 (LC 14)
Max Uplift   2=-56 (LC 7), 6=-52 (LC 6)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   2-3=-325/355, 3-4=-257/312, 4-5=-260/315, 5-6=-334/348
BOT CHORD   2-8=-254/259, 7-8=-254/259, 6-7=-254/259

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)   Truss designed for wind loads in the plane of the truss only.
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 at joint(s) 2.
8)   Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 52 lb uplift at joint 6 and 56 lb uplift at joint 2.
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.

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72505053	P7	Truss	1	**2**	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:08   Page: 1
ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-c9GO1L5JNrBwB9u?Uzpd_7I59WWuBHHnlO_3odzMEU5

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)	0.00	5-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(CT)	-0.01	5-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.09	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 60 lb	FT = 20%

LUMBER
TOP CHORD   2x4 SP No.2
BOT CHORD   2x6 SP No.2
WEBS   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)   2=762/0-3-0, (min. 0-1-8), 4=655/ Mechanical
                 Max Horiz   2=38 (LC 12)
                 Max Uplift   2=-223 (LC 8), 4=-234 (LC 9)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   2-3=-720/261, 3-4=-718/259
BOT CHORD   2-12=-204/610, 5-12=-204/610, 5-13=-204/610, 4-13=-204/610
WEBS   3-5=-184/434

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.
   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) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 234 lb uplift at joint 4 and 223 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.
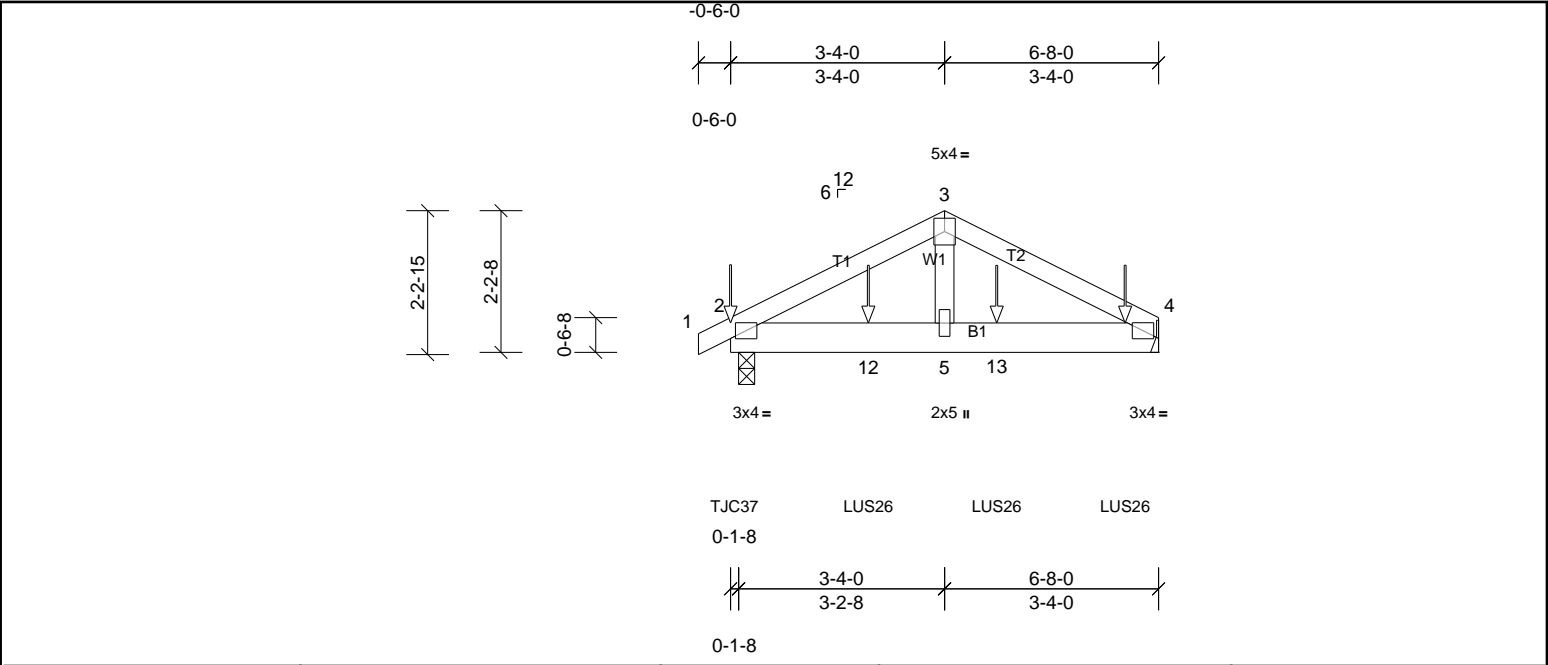9) Use Simpson Strong-Tie TJC37 (4 nail, 90-90) or equivalent at 0-0-12 from the left end to connect truss(es) to front face of bottom chord.
10) Use Simpson Strong-Tie LUS26 (4-10d Girder, 3-10d Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-1-12 from the left end to 6-1-12 to connect truss(es) to front face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S)   Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
             Vert: 1-3=-60, 3-4=-60, 6-9=-20
   Concentrated Loads (lb)
             Vert: 8=-210 (F), 9=-230 (F), 12=-208 (F), 13=-206 (F)

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72505053	V1	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:08   Page: 1
ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-c9GO1L5JNrBwB9u?Uzpd_7I5pWXsBIgnIO_3odzMEU5

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	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	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-P							Weight: 8 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 3-4-0 oc purlins.
BOT CHORD   Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS   (lb/size)   1=83/3-3-0, (min. 0-1-8), 3=83/3-3-0, (min. 0-1-8)
Max Horiz   1=9 (LC 14)
Max Uplift   1=-11 (LC 10), 3=-11 (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 11 lb uplift at joint 1 and 11 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	MUNGO HOMES - MCDOWELL C ROOF
72505053	V2	Truss	1	1	Job Reference (optional)
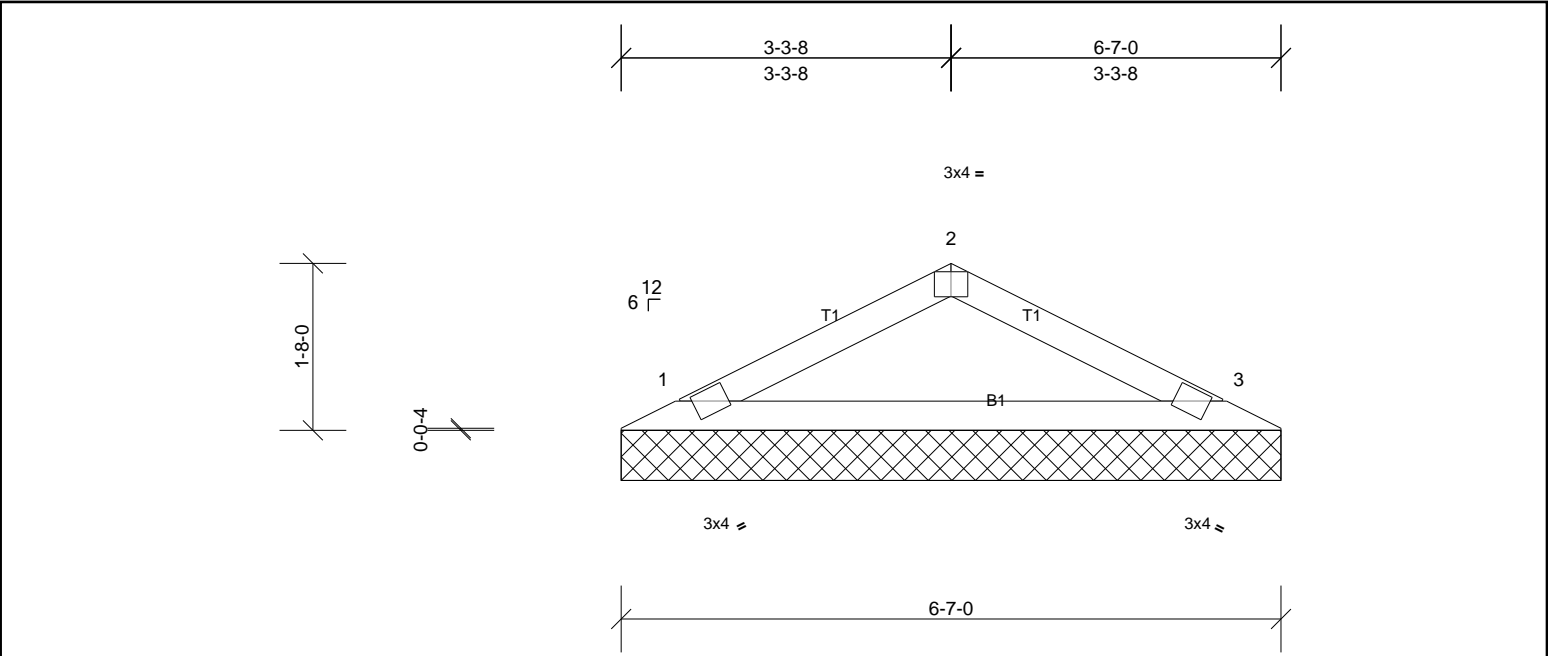
Plate Offsets (X, Y):   [2:0-2-0,Edge]

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=216/6-7-0, (min. 0-1-8), 3=216/6-7-0, (min. 0-1-8)
                    Max Horiz   1=-24 (LC 11)
                    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.

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.

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72505053	V3	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry
Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:09   Page: 1
ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-4MqmEh5x89JnpJTB2hKsXLrD9wrywl7w_2jdK3zMEU4

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	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	0.05	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 32 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=157/9-11-0, (min. 0-1-8), 3=157/9-11-0, (min. 0-1-8), 4=386/9-11-0, (min. 0-1-8)
Max Horiz   1=38 (LC 14)
Max Uplift 1=-34 (LC 10), 3=-41 (LC 11), 4=-28 (LC 10)
Max Grav   1=159 (LC 21), 3=159 (LC 22), 4=386 (LC 1)

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 34 lb uplift at joint 1, 41 lb uplift at joint 3 and 28 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.
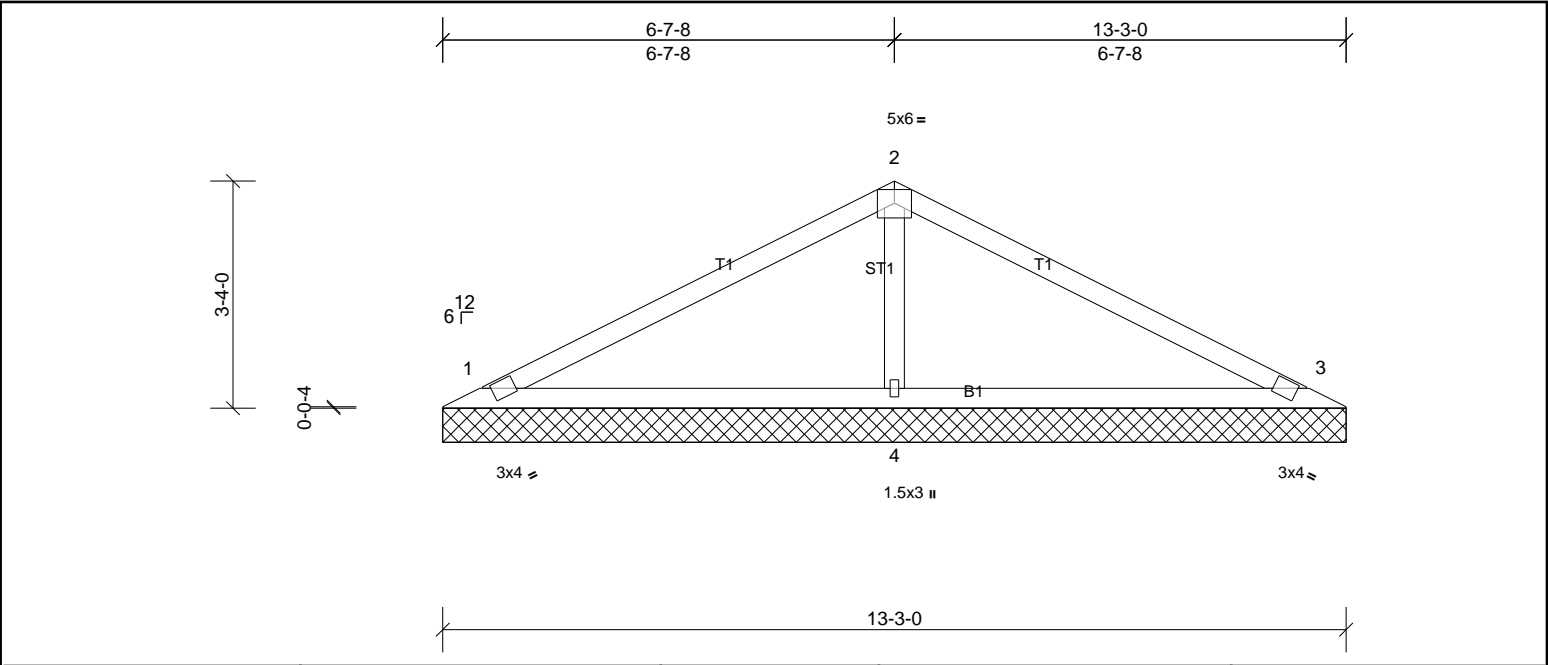
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72505053	V4	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:09   Page: 1
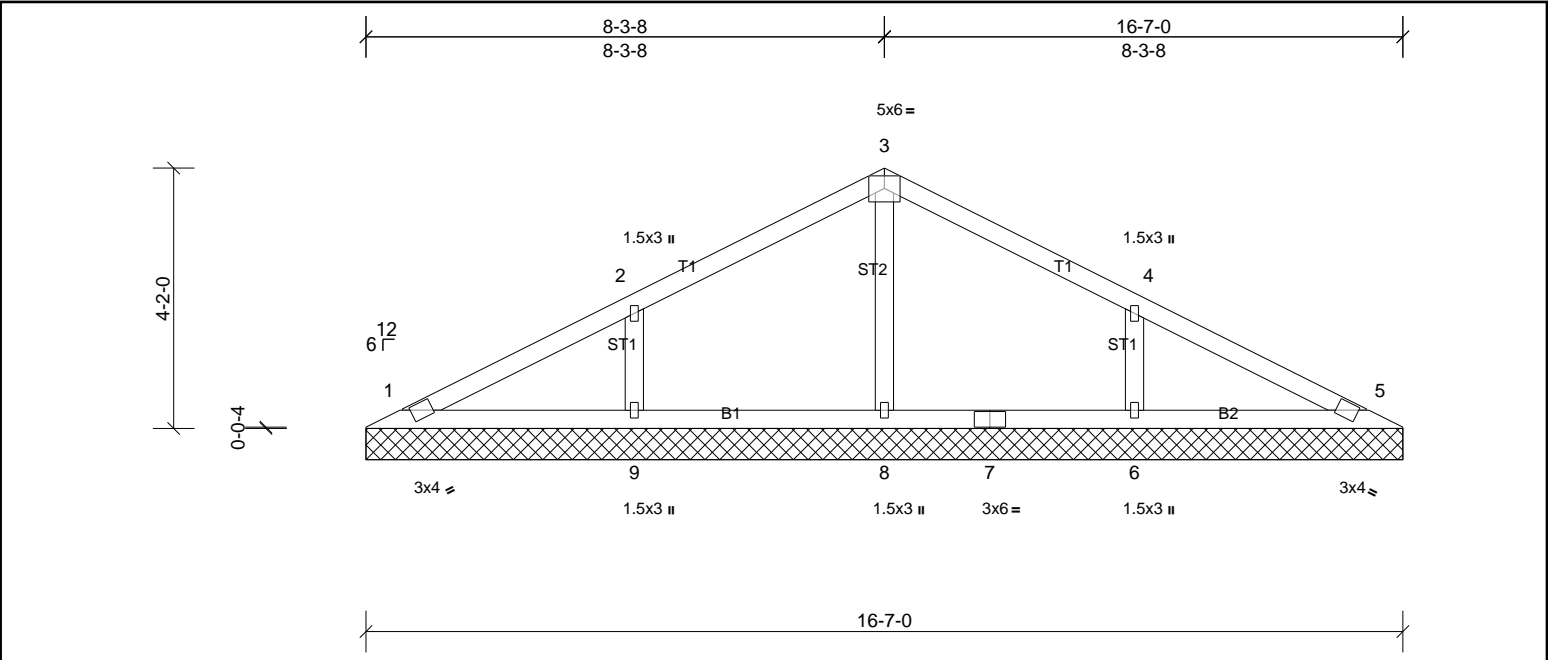ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-4MqmEh5x89JnpJTB2hKsXLr9NwoJwkdw_2jdK3zMEU4

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	0.48	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.36	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.08	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 44 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=216/13-3-0, (min. 0-1-8), 3=216/13-3-0, (min. 0-1-8), 4=534/13-3-0, (min. 0-1-8)
Max Horiz   1=53 (LC 14)
Max Uplift   1=-47 (LC 10), 3=-56 (LC 11), 4=-39 (LC 10)
Max Grav   1=220 (LC 21), 3=220 (LC 22), 4=534 (LC 1)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS   2-4=-332/162

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 47 lb uplift at joint 1, 56 lb uplift at joint 3 and 39 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 - MCDOWELL C ROOF
72505053	V5	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry — Run: 8.83 S Mar 20 2025 Print: 8.830 S Mar 20 2025 MiTek Industries, Inc. Mon Apr 28 09:56:09 — Page: 1
ID:q6xmDaGgGpr4T8wcGw4bQWzKH9V-4MqmEh5x89JnpJTB2hKsXLrDgws0wlyw_2jdK3zMEU4

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	0.21	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	0.06	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 60 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 16-7-0.
(lb) - Max Horiz   1=67 (LC 14)
       Max Uplift   All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-127 (LC 11), 9=-127 (LC 10)
       Max Grav   All reactions 250 (lb) or less at joint(s) 1, 5 except 6=367 (LC 22), 8=263 (LC 1), 9=367 (LC 21)

FORCES   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS   2-9=-270/190, 4-6=-270/190

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) 9=127, 6=127.
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.