

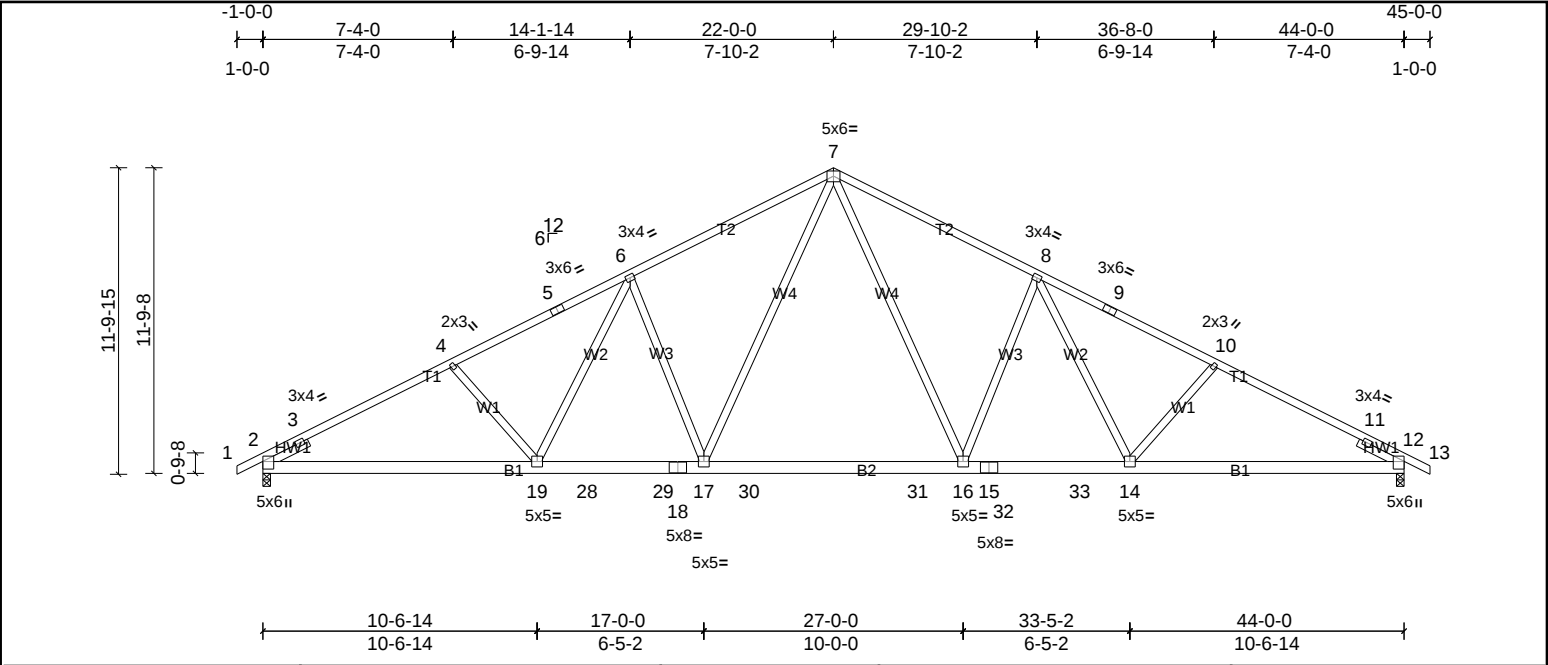
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	A1	Truss	2	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:07

Page: 1

ID:326871Pa3qaWdYbNSnROMnzSBRq-uD0TluVPGsHuWPRVxR0atD9nJuQiZpRkU9Z3y5zEw4d



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	0.91	Vert(LL)	-0.24	16-17	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.84	Vert(CT)	-0.45	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.11	12	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 282 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.1	TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	2x6 SP No.2	BOT CHORD	Rigid ceiling directly applied or 9-3-15 oc bracing.
WEBS	2x4 SP No.3		
SLIDER	Left 2x4 SP No.3 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0		
REACTIONS	(lb/size)		
	2=1820/0-3-8, (min. 0-2-2), 12=1820/0-3-8, (min. 0-2-2)		
	Max Horiz 2=201 (LC 10)		
	Max Uplift 2=262 (LC 10), 12=262 (LC 11)		
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.		
TOP CHORD	2-3=-1475/12, 3-4=-3044/845, 4-5=-2846/807, 5-6=-2707/828, 6-7=-2497/842, 7-8=-2497/842, 8-9=-2707/828, 9-10=-2846/807, 10-11=-3044/845, 11-12=-1279/9		
BOT CHORD	2-19=-610/2647, 19-28=-421/2350, 28-29=-421/2350, 18-29=-421/2350, 17-18=-421/2350, 17-30=-180/1756, 30-31=-180/1756, 16-31=-180/1756, 15-16=-421/2350, 15-32=-421/2350, 32-33=-421/2350, 14-33=-421/2350, 12-14=-610/2647		
WEBS	7-16=-274/991, 8-16=-692/367, 8-14=-81/396, 10-14=-315/241, 7-17=-274/991, 6-17=-692/367, 6-19=-81/396, 4-19=-315/241		

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 262 lb uplift at joint 2 and 262 lb uplift at joint 12.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



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



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	A1G	Truss	1	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:07

Page: 1

ID: ITR?V?NhvCxm5sonfth88zSBRT-MParVEV119PI7Z?hV8XpQRi8vly_IRgtipJcUXzEw4c

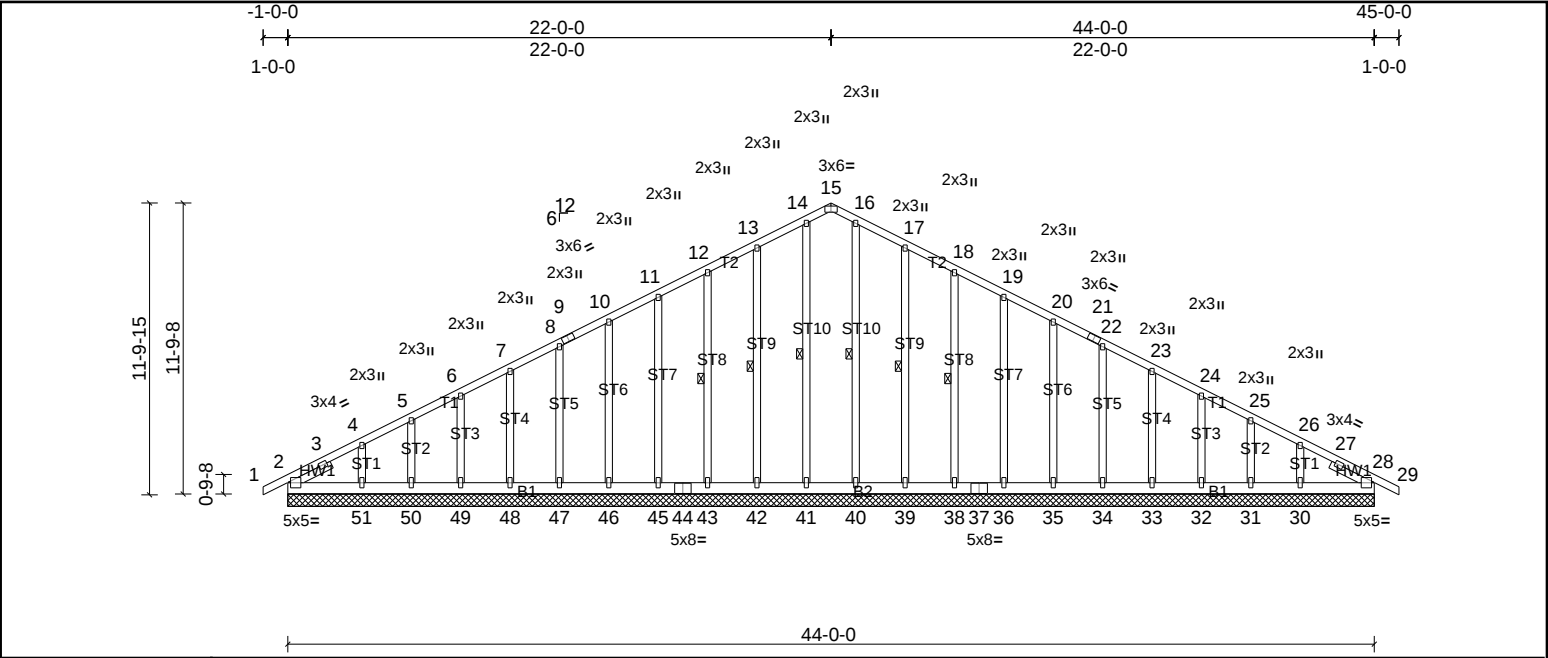


Plate Offsets (X, Y): [2:0-1-5,0-2-9], [15:0-3-0,Edge], [28:0-1-5,0-2-9]

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	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	28	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							
										Weight: 366 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	2x6 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS	2x4 SP No.3	WEBS	1 Row at midpt
SLIDER	Left 2x4 SP No.3 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0		14-41, 16-40, 13-42, 12-43, 17-39, 18-38

REACTIONS	All bearings 44-0-0.
(lb) - Max Horiz	2=201 (LC 10)
Max Uplift	All uplift 100 (lb) or less at joint(s) 31, 32, 33, 34, 35, 36, 38, 39, 42, 43, 45, 46, 47, 48, 49, 50 except 30=-131 (LC 11), 51=-142 (LC 10)
Max Grav	All reactions 250 (lb) or less at joint(s) 2, 28, 30, 31, 32, 33, 34, 35, 36, 38, 39, 40, 41, 42, 43, 45, 46, 47, 48, 49, 50, 51

FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	3-4=-282/76, 13-14=-110/268, 16-17=-110/268
BOT CHORD	2-51=-64/256, 50-51=-64/256, 49-50=-64/256, 48-49=-64/256, 47-48=-64/256, 46-47=-64/256, 45-46=-64/256, 44-45=-64/256, 43-44=-64/256, 42-43=-64/256, 41-42=-64/256, 40-41=-64/256, 39-40=-64/256, 38-39=-64/256, 37-38=-64/256, 36-37=-64/256, 35-36=-64/256, 34-35=-64/256, 33-34=-64/256, 32-33=-64/256, 31-32=-64/256, 30-31=-64/256, 28-30=-64/256

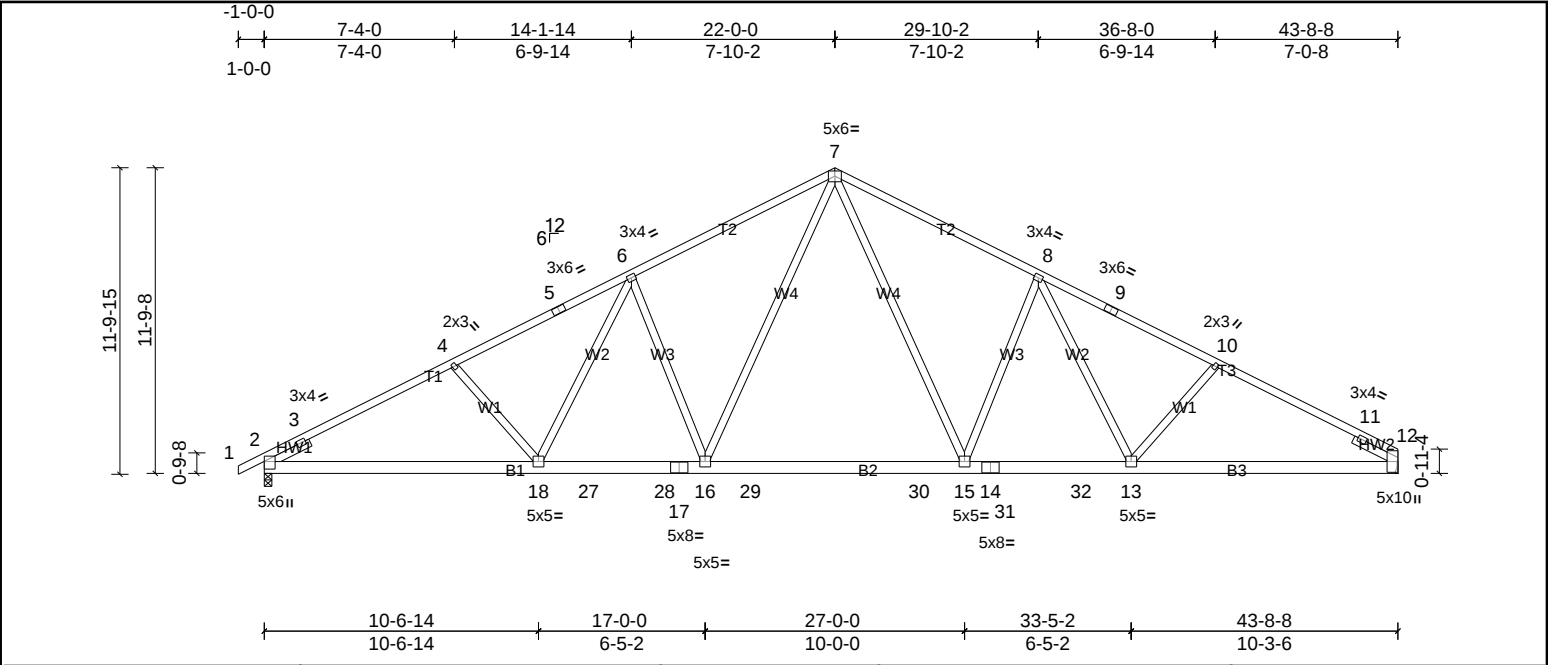
- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only.
 - All plates are 2x5 (||) MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 42, 43, 45, 46, 47, 48, 49, 50, 39, 38, 36, 35, 34, 33, 32, 31 except (jt=lb) 51=141, 30=131.
 - 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.



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



Job 72514376	Truss A2	Truss Type Truss	Qty 5	Ply 1	MUNGO HOMES-TURNER D ROOF 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	0.96	Vert(LL)	-0.24	15-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.83	Vert(CT)	-0.45	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.12	12	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 280 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.1	TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	2x6 SP No.2 *Except* B3:2x6 SP No.1	BOT CHORD	Rigid ceiling directly applied or 9-0-11 oc bracing.
WEBS	2x4 SP No.3		
SLIDER	Left 2x4 SP No.3 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0		
REACTIONS	(lb/size) 2=1809/0-3-8, (min. 0-2-2), 12=1748/ Mechanical		
	Max Horiz 2=213 (LC 10)		
	Max Uplift 2=261 (LC 10), 12=236 (LC 11)		
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.		
TOP CHORD	2-3=-1464/9, 3-4=-3022/840, 4-5=-2825/802, 5-6=-2685/822, 6-7=-2473/837, 7-8=-2464/834, 8-9=-2609/805, 9-10=-2749/784, 10-11=-2932/821, 11-12=-966/0		
BOT CHORD	2-18=-648/2627, 18-27=-458/2329, 27-28=-458/2329, 17-28=-458/2329, 16-17=-458/2329, 16-29=-218/1735, 29-30=-218/1735, 15-30=-218/1735, 14-15=-452/2303, 14-31=-452/2303, 31-32=-452/2303, 13-32=-452/2303, 12-13=-628/2542		
WEBS	8-13=-69/327, 10-13=-288/234, 6-16=-694/368, 6-18=-82/399, 4-18=-315/241, 7-15=-268/969, 7-16=-273/989, 8-15=-652/357		

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 261 lb uplift at joint 2 and 236 lb uplift at joint 12.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job 72514376	Truss A3	Truss Type Truss	Qty 4	Ply 1	MUNGO HOMES-TURNER D ROOF Job Reference (optional)
-----------------	-------------	---------------------	----------	----------	---

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:05
ID:PVO4pUu?B6ik4O32pAomQCzNv9k-JnibwwXHZNfTNs94cZaHVsHk6QYmAJAA7ojZPzEw4a

Page: 1

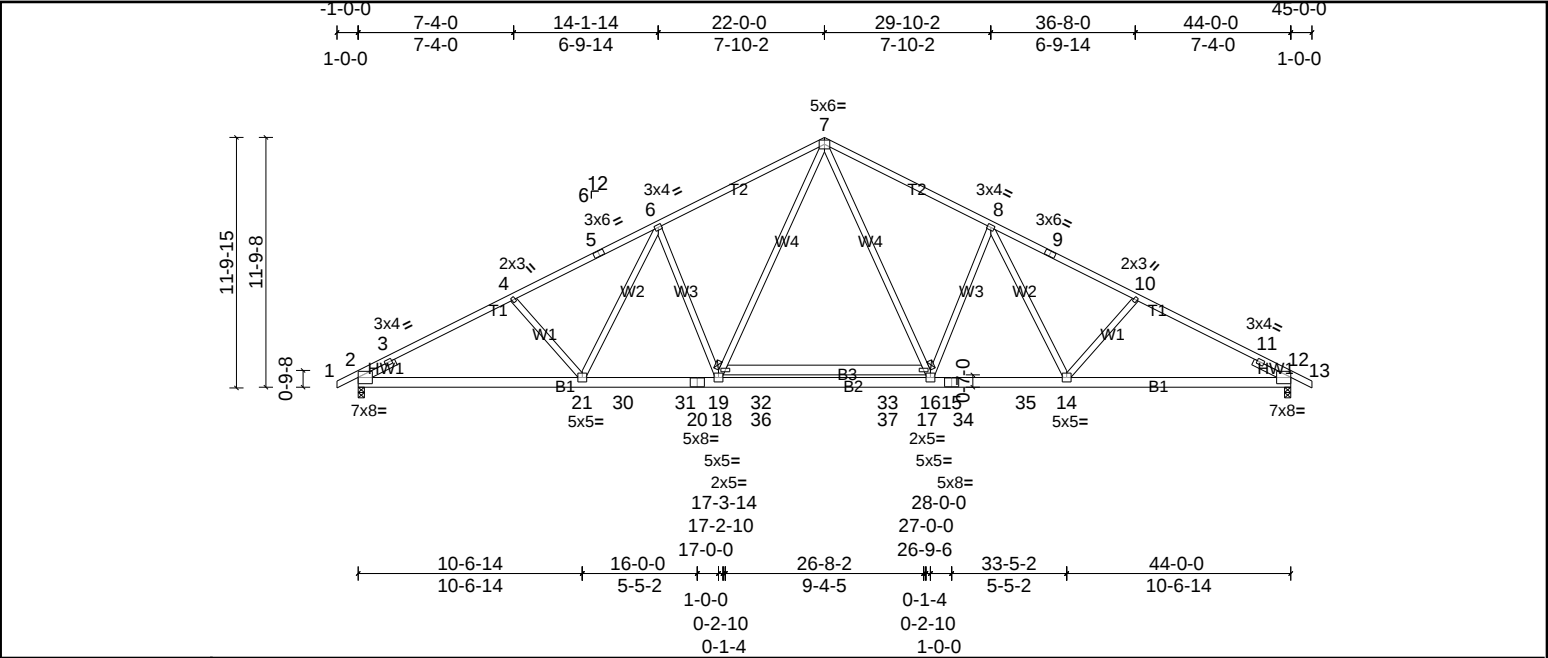


Plate Offsets (X, Y): [2:Edge,0-3-9], [12:Edge,0-3-9]

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)	-0.37	17-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.96	Vert(CT)	-0.69	17-18	>769	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.13	12	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 305 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP SS *Except* T1:2x4 SP No.1	TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	2x6 SP No.2	BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	2x4 SP No.3		
SLIDER	Left 2x4 SP No.3 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0		
REACTIONS	(lb/size) 2=1917/0-3-8, (min. 0-2-5), 12=1917/0-3-8, (min. 0-2-5)		
	Max Horiz 2=201 (LC 10)		
	Max Uplift 2=203 (LC 10), 12=203 (LC 11)		
	Max Grav 2=1954 (LC 2), 12=1954 (LC 2)		
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.		
TOP CHORD	2-3=-1658/0, 3-4=-3389/728, 4-5=-3209/689, 5-6=-3069/710, 6-7=-2877/718, 7-8=-2877/718, 8-9=-3069/710, 9-10=-3209/689, 10-11=-3389/728, 11-12=-1402/0		
BOT CHORD	2-21=-507/2961, 21-30=-312/2686, 30-31=-312/2686, 20-31=-312/2686, 19-20=-312/2686, 19-32=-108/2209, 32-33=-108/2209, 16-33=-108/2209, 15-16=-312/2686, 15-34=-312/2686, 34-35=-312/2686, 14-35=-312/2686, 12-14=-507/2961		
WEBS	8-14=-90/380, 10-14=-309/244, 6-19=-685/372, 6-21=-90/380, 4-21=-309/244, 7-17=-214/1179, 16-17=-263/939, 18-19=-263/939, 7-18=-214/1179, 8-16=-685/372		

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 203 lb uplift at joint 2 and 203 lb uplift at joint 12.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	A4	Truss	8	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:10

Page: 1

ID:PVO4pUu?B6ik4O32pAomQCzNv9k-n_G_7GYvK4nK_0kGAG5W13KSTWmnVdVKPrnXG5szEw4Z

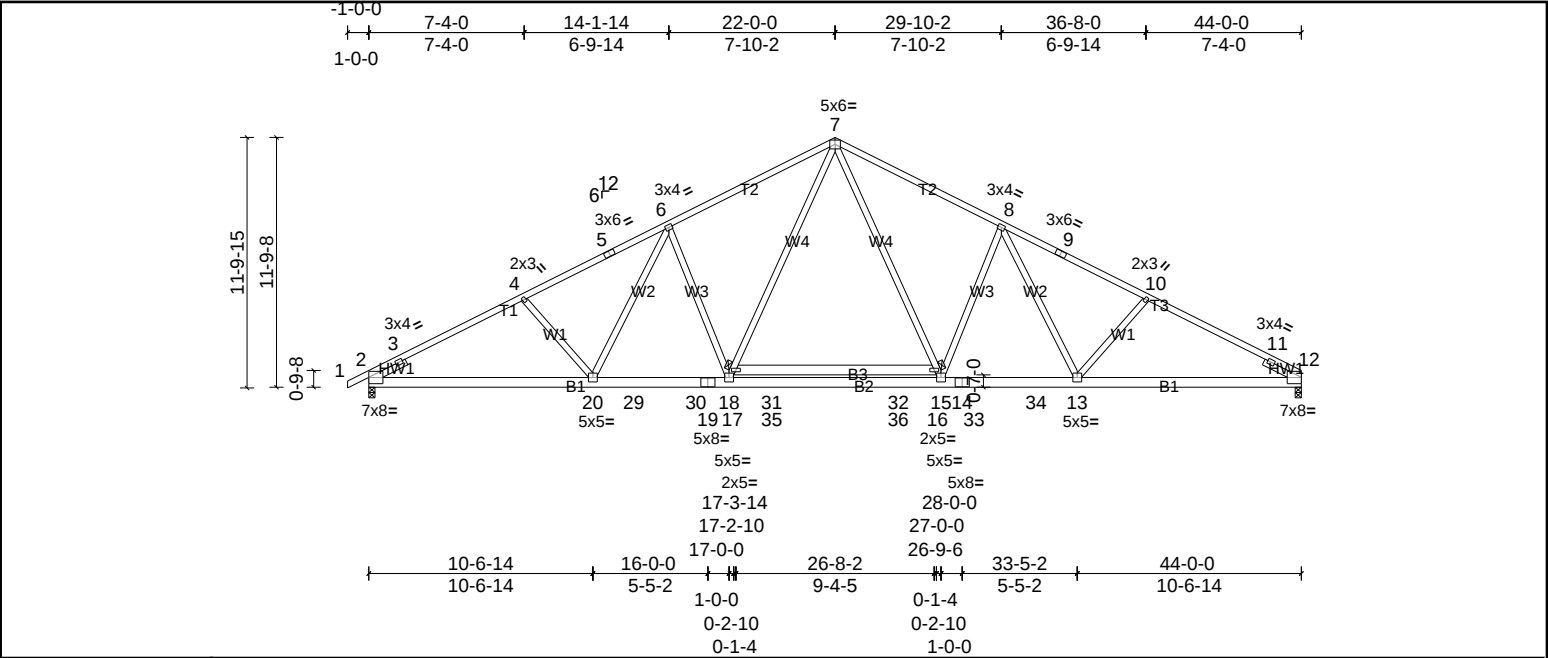


Plate Offsets (X, Y): [2:Edge,0-3-9], [12:Edge,0-3-9]

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)	-0.37	16-17	>999	240	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.96	Vert(CT)	-0.69	16-17	>770	180	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.13	12	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							
										Weight: 303 lb	FT = 20%

LUMBER			BRACING		
TOP CHORD	2x4 SP SS *Except* T1,T3:2x4 SP No.1		TOP CHORD	Structural wood sheathing directly applied.	
BOT CHORD	2x6 SP No.2		BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.	
WEBS	2x4 SP No.3				
SLIDER	Left 2x4 SP No.3 -- 1-11-0, Right 2x4 SP No.3 -- 1-11-0				
REACTIONS	(lb/size)	2=1917/0-3-8, (min. 0-2-5), 12=1856/0-3-8, (min. 0-2-4)			
	Max Horiz	2=209 (LC 10)			
	Max Uplift	2=-203 (LC 10), 12=-181 (LC 11)			
	Max Grav	2=1954 (LC 2), 12=1903 (LC 2)			
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.				
TOP CHORD	2-3=-1658/0, 3-4=-3391/729, 4-5=-3210/690, 5-6=-3071/711, 6-7=-2879/719, 7-8=-2879/720, 8-9=-3075/715, 9-10=-3214/694, 10-11=-3395/734, 11-12=-1448/0				
BOT CHORD	2-20=-543/2962, 20-29=-348/2687, 29-30=-348/2687, 19-30=-348/2687, 18-19=-348/2687, 18-31=-144/2211, 31-32=-144/2211, 15-32=-144/2211, 14-15=-350/2688, 14-33=-350/2688, 33-34=-350/2688, 13-34=-350/2688, 12-13=-548/2966				
WEBS	8-13=-94/386, 10-13=-311/246, 6-18=-685/372, 6-20=-90/380, 4-20=-309/244, 7-16=-215/1180, 15-16=-265/940, 17-18=-264/939, 7-17=-214/1179, 8-15=-688/374				

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 203 lb uplift at joint 2 and 181 lb uplift at joint 12.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job 72514376	Truss A4G	Truss Type Truss	Qty 1	Ply 1	MUNGO HOMES-TURNER D ROOF Job Reference (optional)
-----------------	--------------	---------------------	----------	----------	---

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:10
ID: fTR?V?NhnvCxm5sonfth88zSBRT-n_G_7GYvK4nK_0kGAG5W13KeAW_TV0QKPnXG5szEw4Z

Page: 1

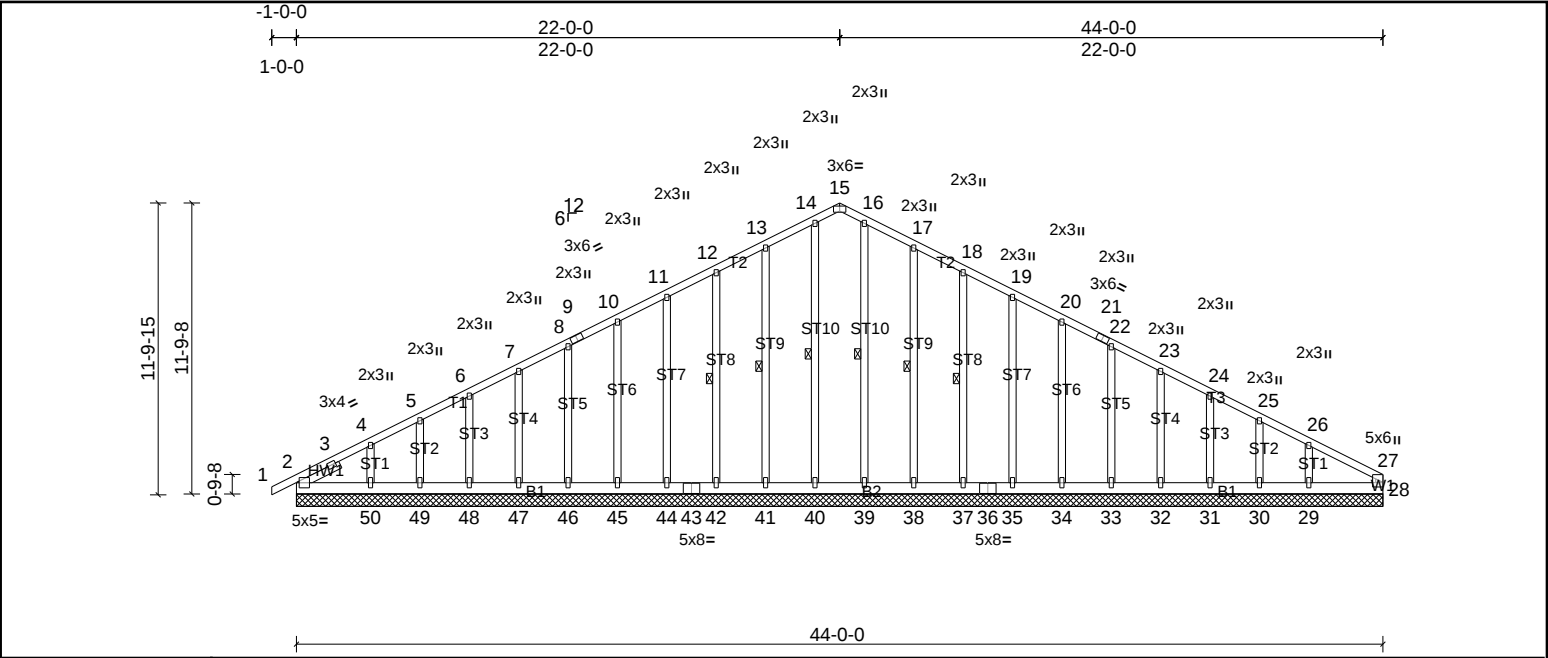


Plate Offsets (X, Y): [2:0-1-5,0-2-9], [15:0-3-0,Edge]

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	0.22	Vert(LL)	n/a	-	n/a	999	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	28	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							
										Weight: 362 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	2x6 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3	WEBS	1 Row at midpt
OTHERS	2x4 SP No.3		14-40, 16-39, 13-41, 12-42, 17-38, 18-37
SLIDER	Left 2x4 SP No.3 -- 1-11-0		
REACTIONS			
	All bearings 44-0-0.		
(lb) - Max Horiz	2=206 (LC 14)		
Max Uplift	All uplift 100 (lb) or less at joint(s) 2, 30, 31, 32, 33, 34, 35, 37, 38, 41, 42, 44, 45, 46, 47, 48, 49 except 29=143 (LC 11), 50=140 (LC 10)		
Max Grav	All reactions 250 (lb) or less at joint(s) 2, 28, 29, 30, 31, 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 44, 45, 46, 47, 48, 49, 50		
FORCES			
	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.		
TOP CHORD	3-4=-272/74, 13-14=-125/291, 14-15=-112/259, 15-16=-112/259, 16-17=-125/291		

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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 2x5 (II) 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, 41, 42, 44, 45, 46, 47, 48, 49, 38, 37, 35, 34, 33, 32, 31, 30, 2 except (it=lb) 50=139, 29=142.
 - 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-TURNER D ROOF
72514376	B1G	Truss	1	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:11

Page: 1

ID:QwOqQyVonig?OdeTXmPQxLzO7AG-FAqMLbZX5OvBcAJTk_claHtqQvJTEGWTeRHqdlzEw4Y

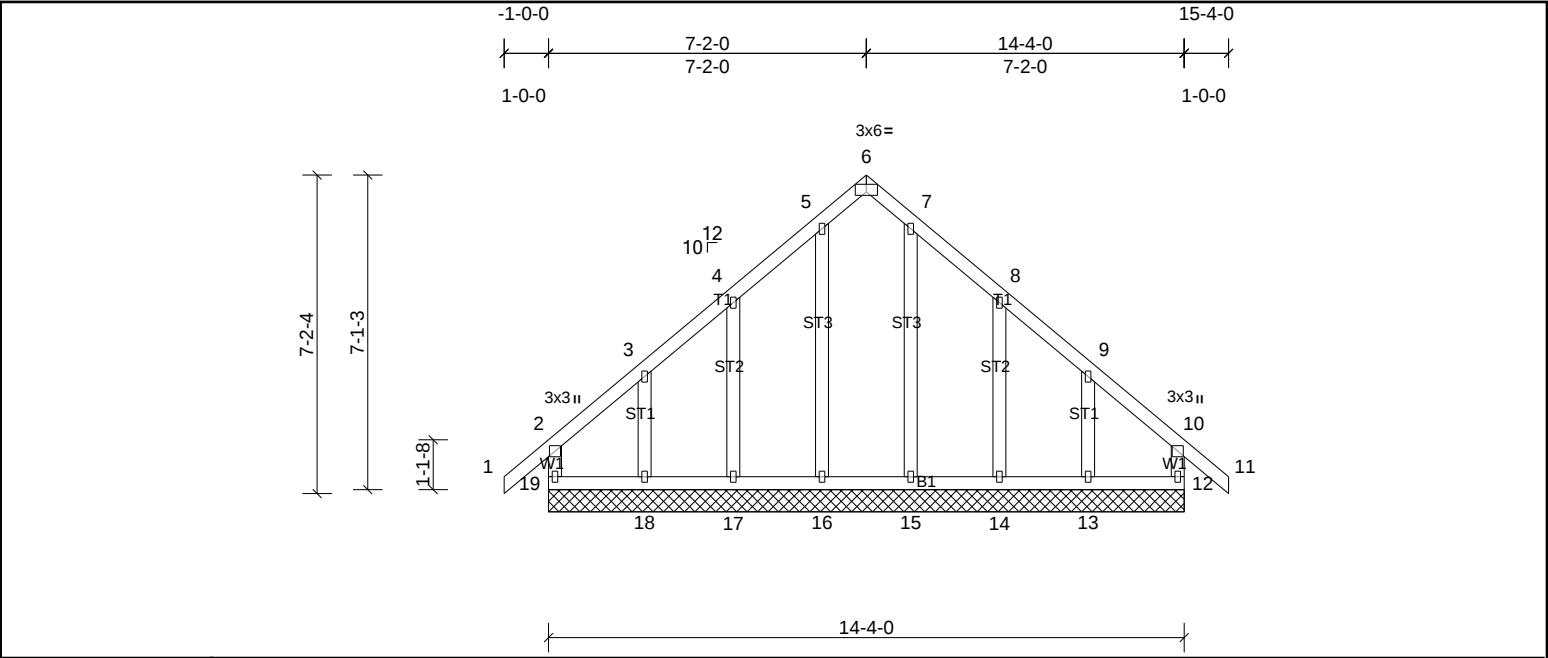


Plate Offsets (X, Y): [6'-0"-3'-0", Edge]

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	0.19	Vert(LL)	n/a	-	n/a	999	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	0.09	Horz(CT)	0.00	12	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							
										Weight: 92 lb	FT = 20%

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

REACTIONS		All bearings 14'-4"-0."
(lb) - Max Horiz	19=-210 (LC 8)	
Max Uplift	All uplift 100 (lb) or less at joint(s) 12, 19 except 13=-157 (LC 11), 14=-105 (LC 11), 17=-103 (LC 10), 18=-160 (LC 10)	
Max Grav	All reactions 250 (lb) or less at joint(s) 12, 13, 14, 15, 16, 17, 18, 19	
FORCES		(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - Truss designed for wind loads in the plane of the truss only.
 - All plates are 1.5x3 (J) MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 2'-0"-0" oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-0"-0" tall by 2'-0"-0" wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 19, 12 except (jt=lb) 17=102, 18=160, 14=104, 13=157.
 - 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.



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



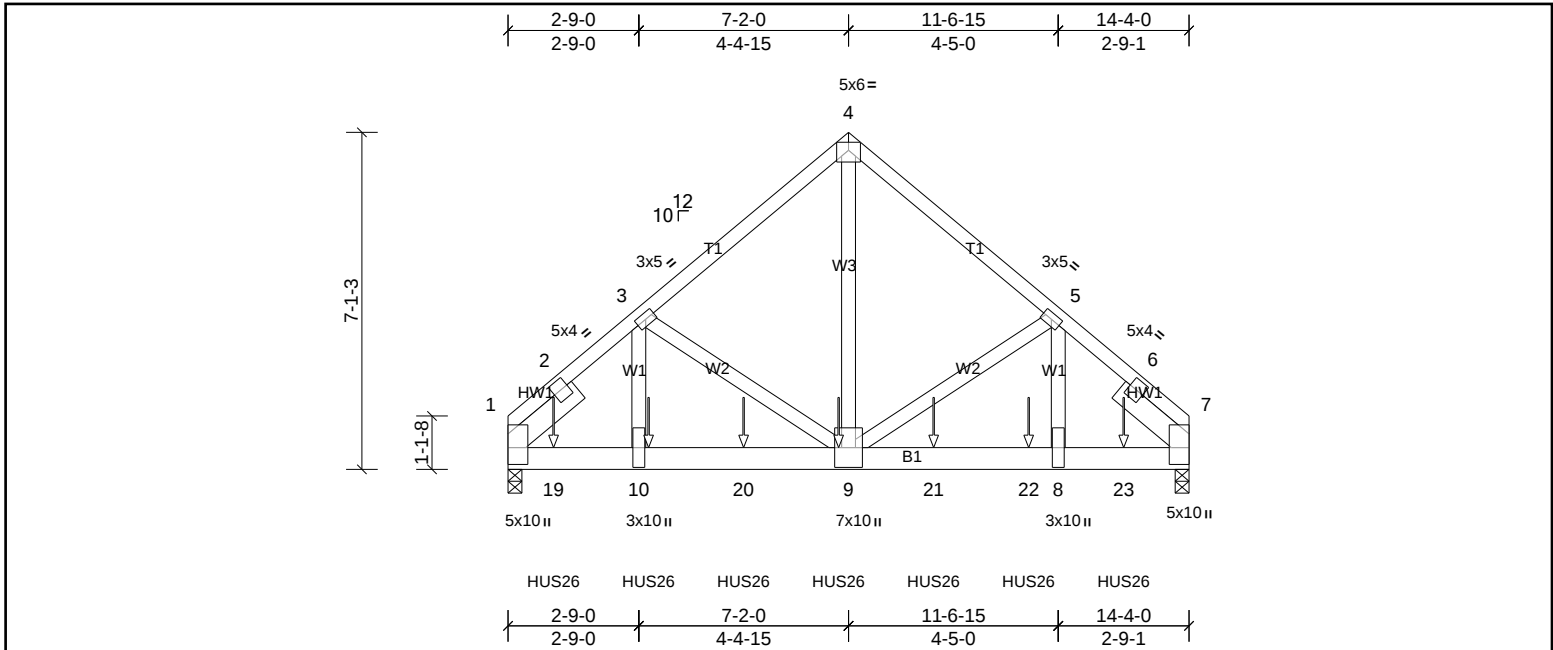
Job 72514376	Truss B2	Truss Type Truss	Qty 1	Ply 3	MUNGO HOMES-TURNER D ROOF Job Reference (optional)
-----------------	-------------	---------------------	----------	----------	---

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:17

Page: 1

ID: 7bDGSPfapz50bqE6MrQOL_zNv7S-jMNkYxZ9si12EKufh7_7UPsNJSgzWwcs50N9kzEw4X



Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.75	Vert(LL)	-0.07	8-9	>999	240	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-0.14	8-9	>999	180	
BCLL	0.0*	Rep Stress Incr	NO	WB	0.91	Horz(CT)	0.04	7	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							
										Weight: 309 lb	FT = 20%

LUMBER

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

REACTIONS

(lb/size) 1=7187/0-3-8, (min. 0-2-14), 7=6813/0-3-8, (min. 0-2-11)
Max Horiz 1=-154 (LC 6)
Max Uplift 1=-753 (LC 8), 7=-714 (LC 9)
Max Grav 1=7285 (LC 2), 7=6902 (LC 2)

FORCES

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4032/426, 2-3=-7304/777, 3-4=-5479/655, 4-5=-5479/655, 5-6=-7438/790, 6-7=-3500/402
BOT CHORD 1-19=-630/5318, 10-19=-630/5318, 10-20=-630/5318, 9-20=-630/5318, 9-21=-546/5400, 21-22=-546/5400, 8-22=-546/5400, 8-23=-546/5400, 7-23=-546/5400
WEBS 5-8=-219/2383, 3-10=-203/2212, 4-9=-703/6595, 5-9=-1460/287, 3-9=-1361/276

NOTES

- 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 0-4-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 3-10 2x4 - 2 rows staggered at 0-4-0 oc, member 4-9 2x4 - 1 row at 0-6-0 oc.
- 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.
- Unbalanced roof live loads have been considered for this design.
- 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
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 753 lb uplift at joint 1 and 714 lb uplift at joint 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.
- Use Simpson Strong-Tie HUS26 (14-10d Girder, 4-10d Truss) or equivalent spaced at 2-0-0 oc max. starting at 0-11-8 from the left end to 12-11-8 to connect truss(es) to back face of bottom chord.
- Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S)

Standard

- Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-4=-60, 4-7=-60, 11-15=-20
Concentrated Loads (lb)
Vert: 10=-1836 (B), 9=-1836 (B), 19=-1837 (B), 20=-1836 (B), 21=-1836 (B), 22=-1836 (B), 23=-1836 (B)



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



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	C1	Truss	1	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:17

Page: 1

ID:WT_94hFCc52X75_K0aOP?ozEy4m-jMNkYxZ9si12EKufIh7_7UP0tJgMzkQcs50N9kzEw4X

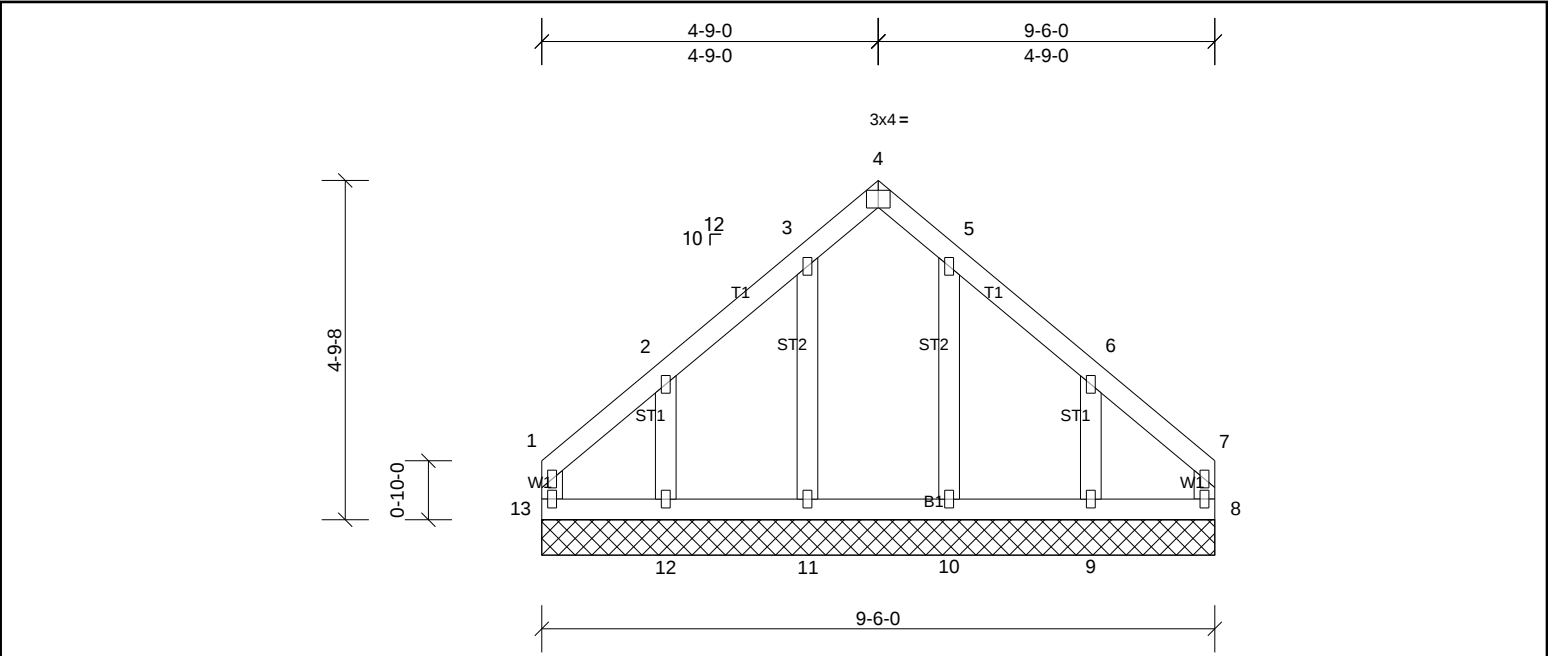


Plate Offsets (X, Y): [4:0-2-0,Edge]

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.05	Horiz(TL)	0.00	8	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 50 lb	FT = 20%

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

REACTIONS	All bearings 9-6-0.
(lb) - Max Horiz	13=123 (LC 7)
Max Uplift	All uplift 100 (lb) or less at joint(s) 8, 10, 11, 13 except 9=-152 (LC 11), 12=-153 (LC 10)
Max Grav	All reactions 250 (lb) or less at joint(s) 8, 9, 10, 11, 12, 13
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - 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
 - Truss designed for wind loads in the plane of the truss only.
 - All plates are 1.5x3 (||) MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 13, 8, 11, 10 except (it=lb) 12=152, 9=152.
 - 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.



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



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	C1G	Truss	2	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:17

Page: 1

ID:2YyCR9REr03F2YCPyXg9eAzEy4W-jMNkYxZ9si12EKufIh7_7UPPlJgXzhPcs50N9kzEw4X

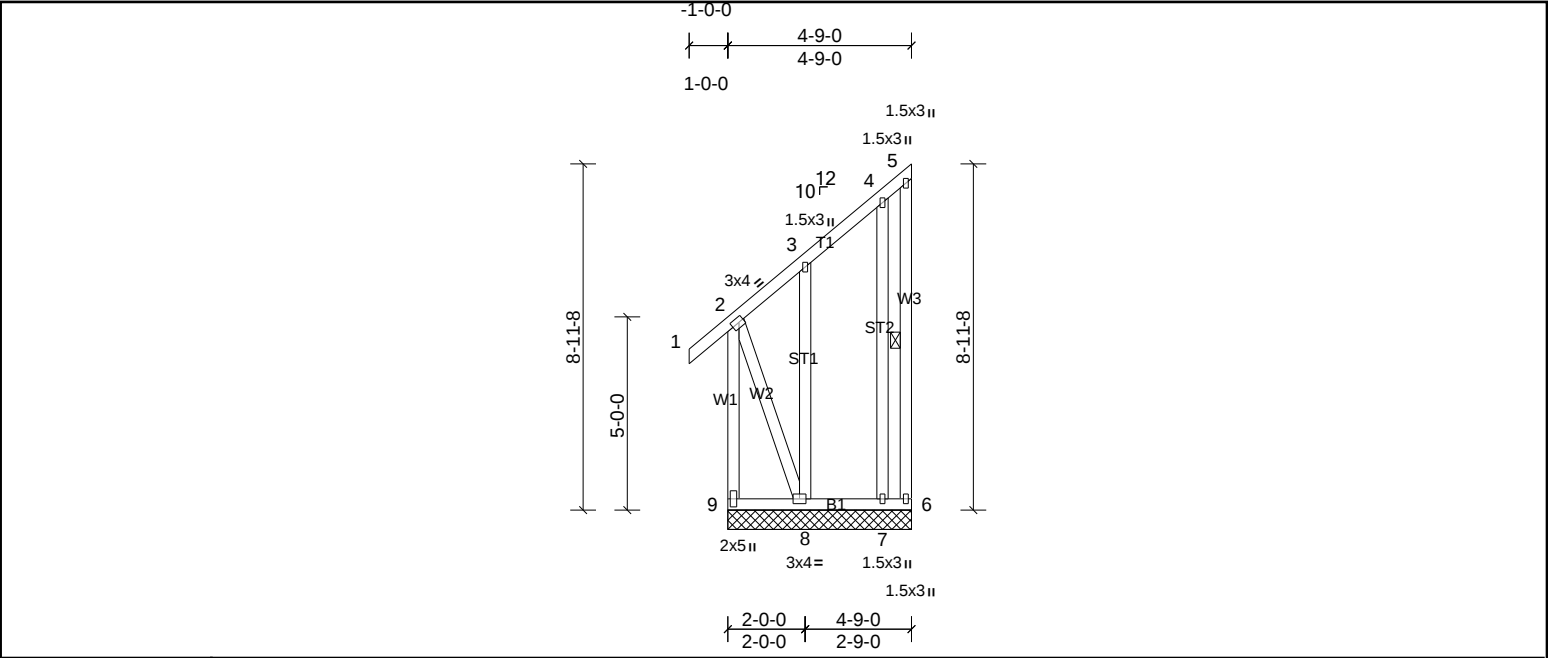


Plate Offsets (X, Y): [2:0-1-8,0-1-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.92	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 66 lb	FT = 20%

LUMBER			BRACING		
TOP CHORD	2x4 SP No.2		TOP CHORD	Structural wood sheathing directly applied or 4-9-0 oc purlins, except end verticals.	
BOT CHORD	2x4 SP No.2		BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.	
WEBS	2x4 SP No.3 *Except* W3:2x4 SP No.2		WEBS	1 Row at midpt	5-6
OTHERS	2x4 SP No.3				
REACTIONS					
	All bearings 4-9-0.				
(lb) - Max Horiz	9=344 (LC 7)				
Max Uplift	All uplift 100 (lb) or less at joint(s) 6, 7 except 8=-589 (LC 7), 9=-423 (LC 8)				
Max Grav	All reactions 250 (lb) or less at joint(s) 6, 7 except 8=561 (LC 8), 9=676 (LC 7)				
FORCES					
	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.				
TOP CHORD	2-9=-667/437				
BOT CHORD	8-9=-321/221				
WEBS	2-8=-473/616				

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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
 - Truss designed for wind loads in the plane of the truss only.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 7 except (jt=lb) 9=423, 8=588.
 - 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-TURNER D ROOF
72514376	C2	Truss	1	2	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:11

Page: 1

ID:tFMJqqwKQl5arhG5IKOYGczEy3u-BZx6mHaod?9vrUTrrPeDfiy8Njr0izym5lmwiBzEw4W

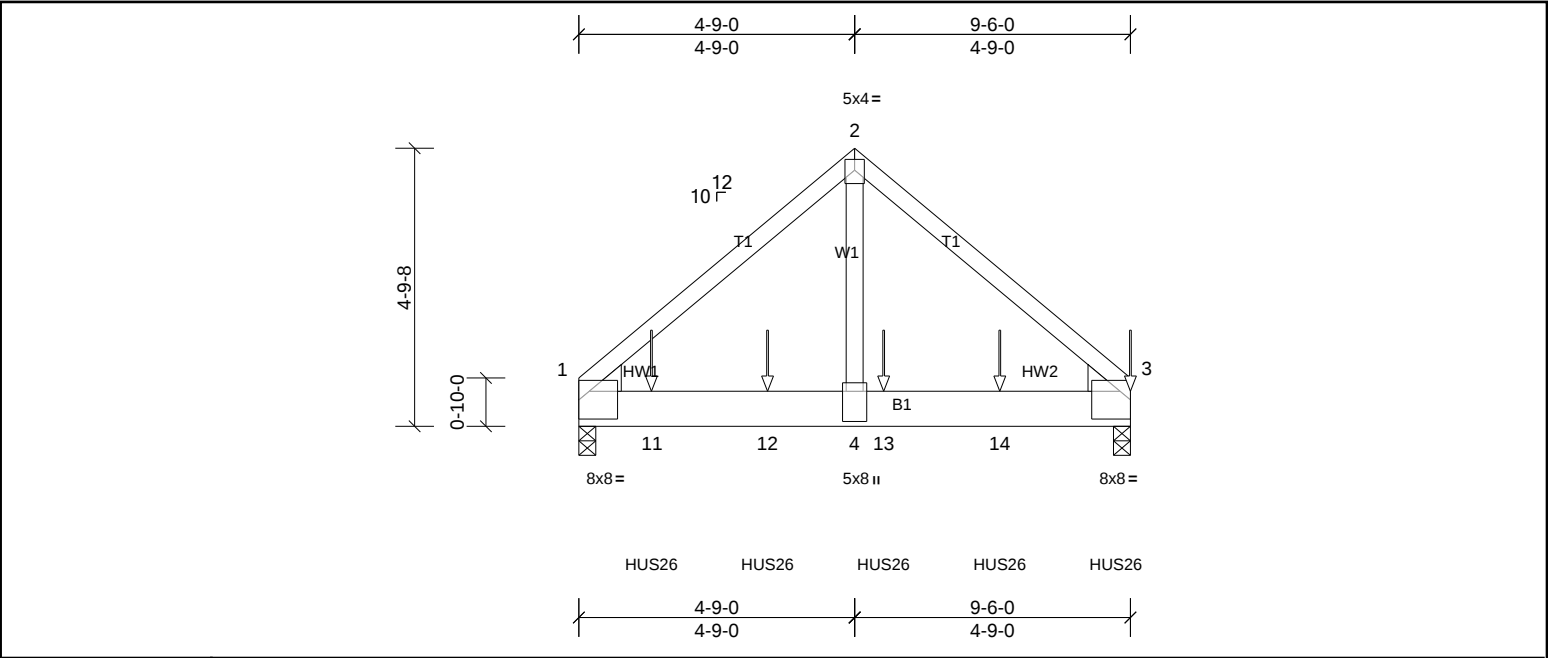


Plate Offsets (X, Y): [1:Edge,0-3-15], [2:0-2-0,0-2-4], [3:Edge,0-3-15], [4:0-6-4,0-2-8]

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	0.28	Vert(LL)	-0.03	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.73	Vert(CT)	-0.06	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.92	Horz(CT)	0.01	1	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 113 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x8 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	
WEDGE Left: 2x6 SP No.2	
Right: 2x6 SP No.2	

REACTIONS	(lb/size)	1=4232/0-3-8, (min. 0-2-8), 3=5174/0-3-8, (min. 0-3-1)
Max Horiz	1=102 (LC 5)	
Max Uplift	1=592 (LC 8), 3=722 (LC 9)	

FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-2=-3786/579, 2-3=-3789/579
BOT CHORD	1-11=-385/2842, 11-12=-385/2842, 4-12=-385/2842, 4-13=-385/2842, 13-14=-385/2842, 3-14=-385/2842
WEBS	2-4=-613/4462

- NOTES**
- 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: 2x8 - 3 rows staggered at 0-8-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - 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.
 - Unbalanced roof live loads have been considered for this design.
 - 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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 592 lb uplift at joint 1 and 722 lb uplift at joint 3.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - Use Simpson Strong-Tie HUS26 (14-10d Girder, 4-10d Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-3-0 from the left end to 9-3-0 to connect truss(es) to back face of bottom chord.
 - Fill all nail holes where hanger is in contact with lumber.
- LOAD CASE(S)** Standard
- Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-60, 2-3=-60, 5-8=-20
Concentrated Loads (lb)
Vert: 10=-1735 (B), 11=-1728 (B), 12=-1728 (B), 13=-1728 (B), 14=-1728 (B)



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



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	P1	Truss	7	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:11

Page: 1

ID:Eultt_LpU_qMvd7D6XK_XWzSBRw-BZx6mHaod?9vrUTrrPeDfiy8HjzviBNm5lmwiBzEw4W

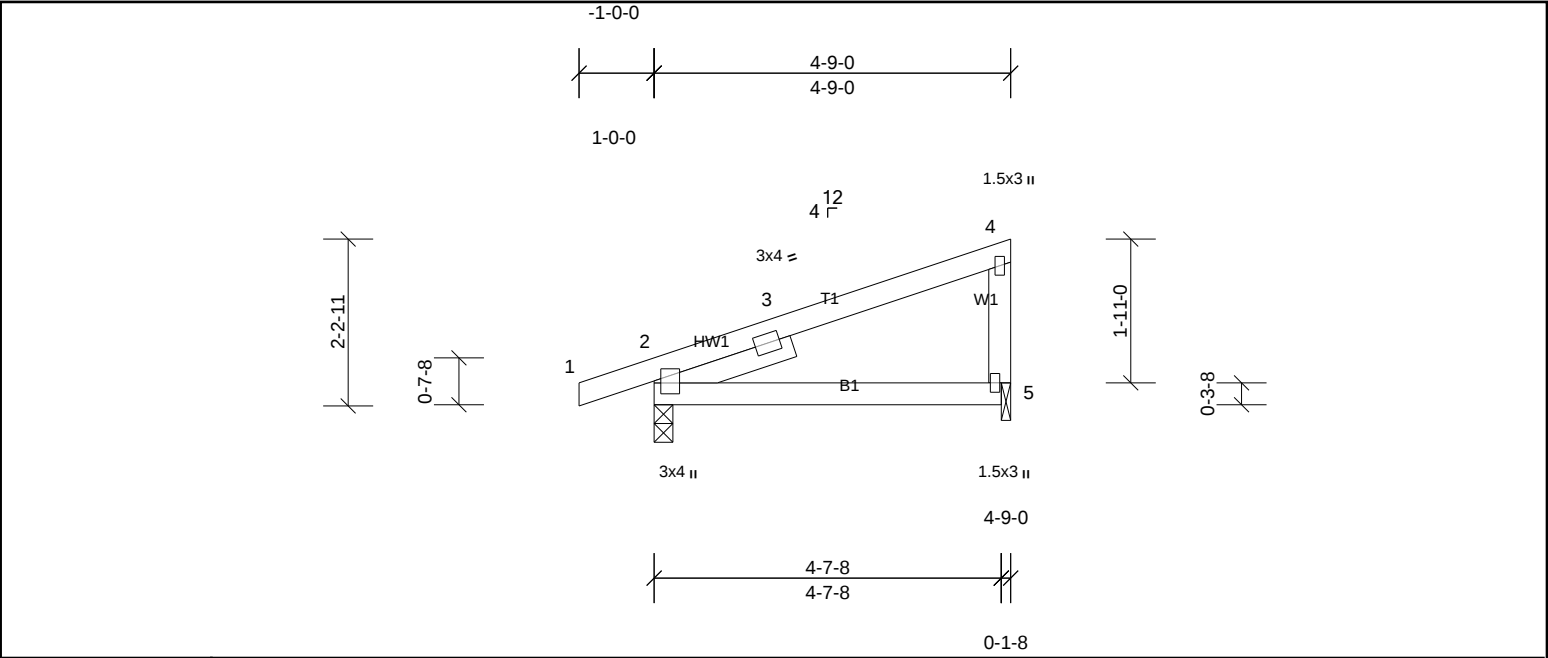


Plate Offsets (X, Y): [2:0-2-1,0-1-1]

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	0.29	Vert(LL)	0.05	5-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.23	Vert(CT)	-0.04	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: 21 lb	FT = 20%

LUMBER			BRACING	
TOP CHORD	2x4 SP No.2		TOP CHORD	Structural wood sheathing directly applied or 4-9-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing.
BOT CHORD	2x4 SP No.2		BOT CHORD	
WEBS	2x4 SP No.3			
SLIDER	Left 2x4 SP No.3 -- 1-11-0			
REACTIONS	(lb/size)	2=251/0-3-0, (min. 0-1-8), 5=178/0-1-8, (min. 0-1-8)		
	Max Horiz	2=84 (LC 9)		
	Max Uplift	2=-121 (LC 6), 5=-85 (LC 6)		
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.			

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - 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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - 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.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2, 5.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 121 lb uplift at joint 2 and 85 lb uplift at joint 5.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	P1G	Truss	1	1	Job Reference (optional)

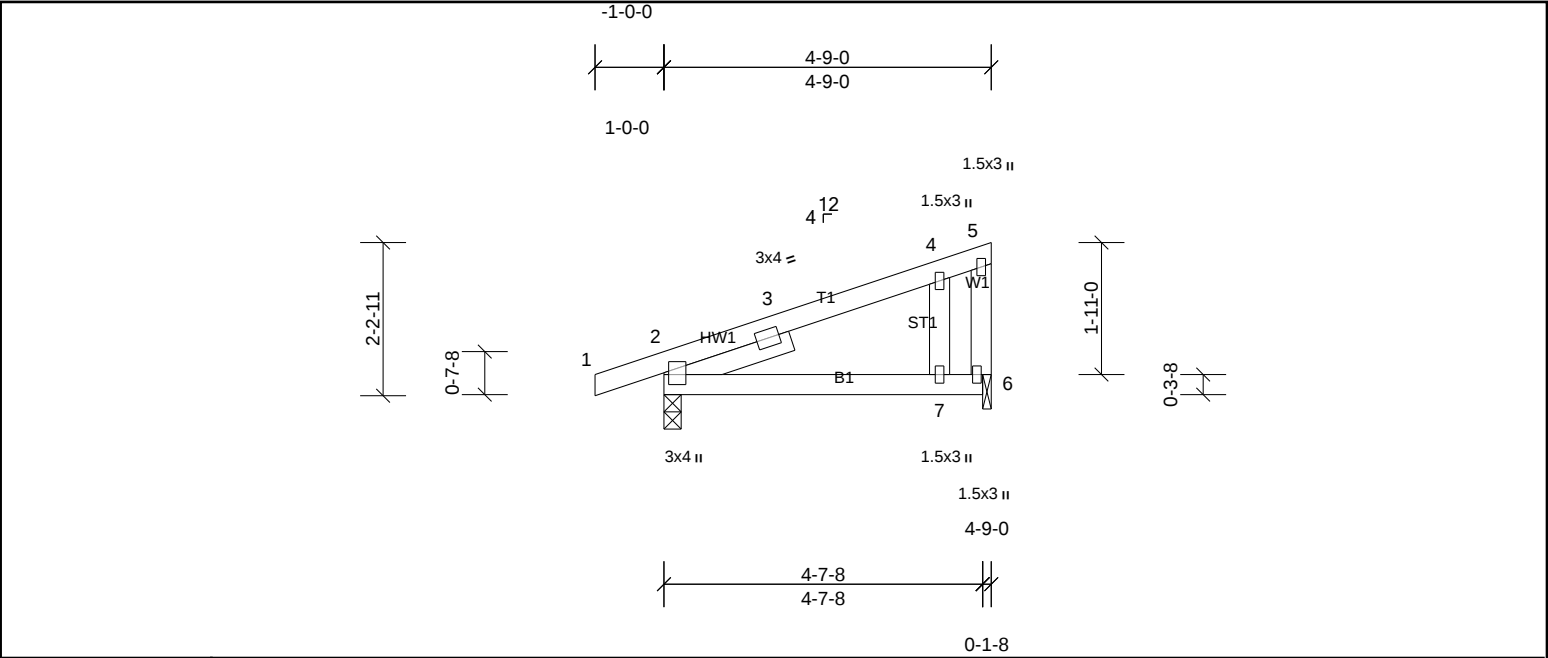


Plate Offsets (X, Y): [2:0-2-1,0-0-13]

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	0.27	Vert(LL)	0.05	7-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.25	Vert(CT)	-0.05	7-10	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.02	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 23 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-9-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3		
OTHERS	2x4 SP No.3		
SLIDER	Left 2x4 SP No.3 -- 1-11-0		

REACTIONS	(lb/size)	2=251/0-3-0, (min. 0-1-8), 6=178/0-1-8, (min. 0-1-8)
	Max Horiz	2=84 (LC 9)
	Max Uplift	2=-121 (LC 6), 6=85 (LC 6)

FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-195/273

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - 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
 - Truss designed for wind loads in the plane of the truss only.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Bearing at joint(s) 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2, 6.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 121 lb uplift at joint 2 and 85 lb uplift at joint 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-TURNER D ROOF
72514376	P2	Truss	2	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:14

Page: 1

ID:80NbfmbaWduAlGgAERE22qzEySr-fIVUzdbQNJHmTe21P69ScvVIn7IDRedvkPVUEdzEw4V

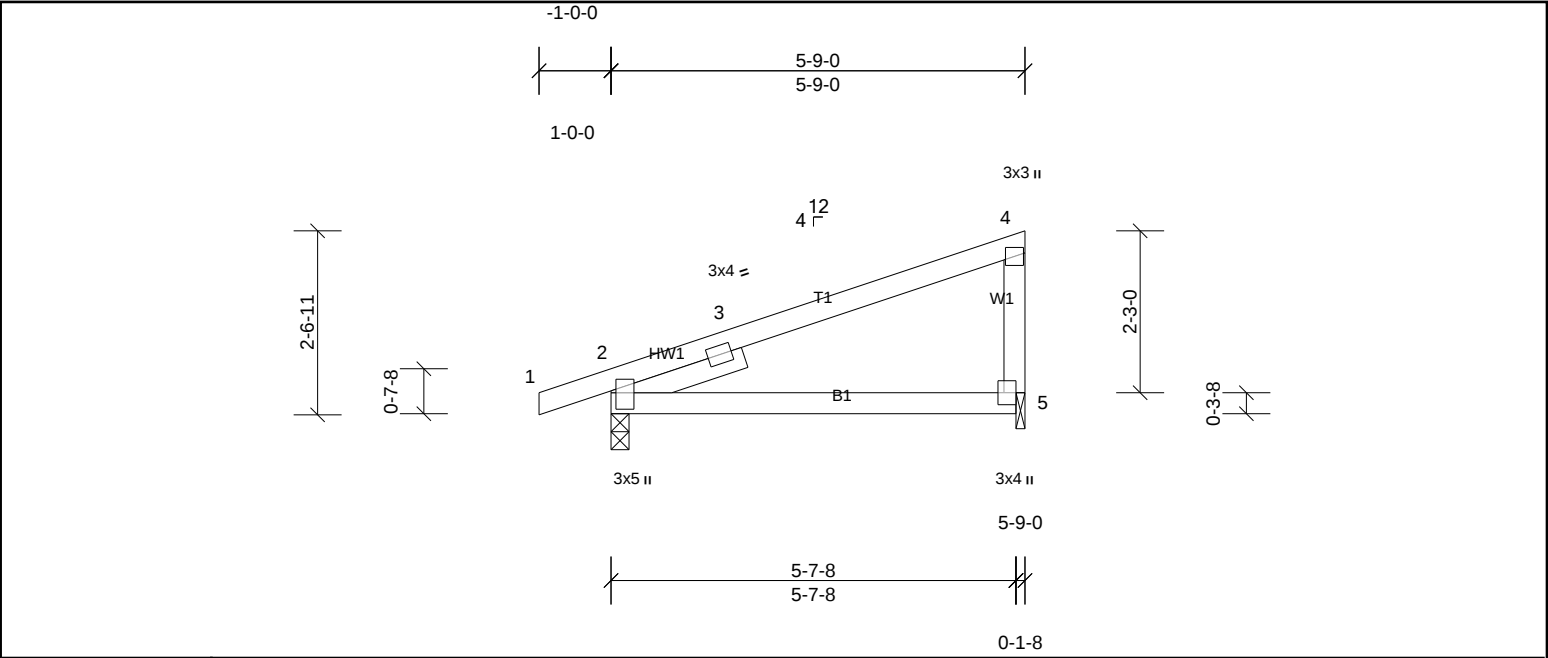


Plate Offsets (X, Y): [2:0-3-1,0-0-13], [5:Edge,0-2-0]

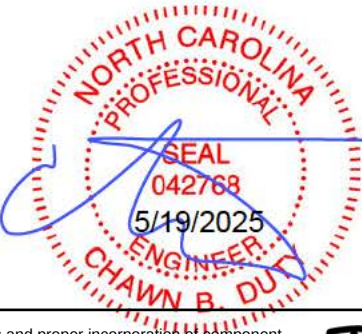
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.37	Vert(LL)	0.08	5-8	>852	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.29	Vert(CT)	-0.06	5-8	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 25 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 5-9-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3		
SLIDER	Left 2x4 SP No.3 -- 1-11-0		

REACTIONS	(lb/size)	2=290/0-3-0, (min. 0-1-8), 5=219/0-1-8, (min. 0-1-8)
	Max Horiz	2=99 (LC 9)
	Max Uplift	2=-137 (LC 6), 5=-104 (LC 6)

FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-256/281

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - 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
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - 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.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 137 lb uplift at joint 2 and 104 lb uplift at joint 5.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



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



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	P2G	Truss	1	1	Job Reference (optional)

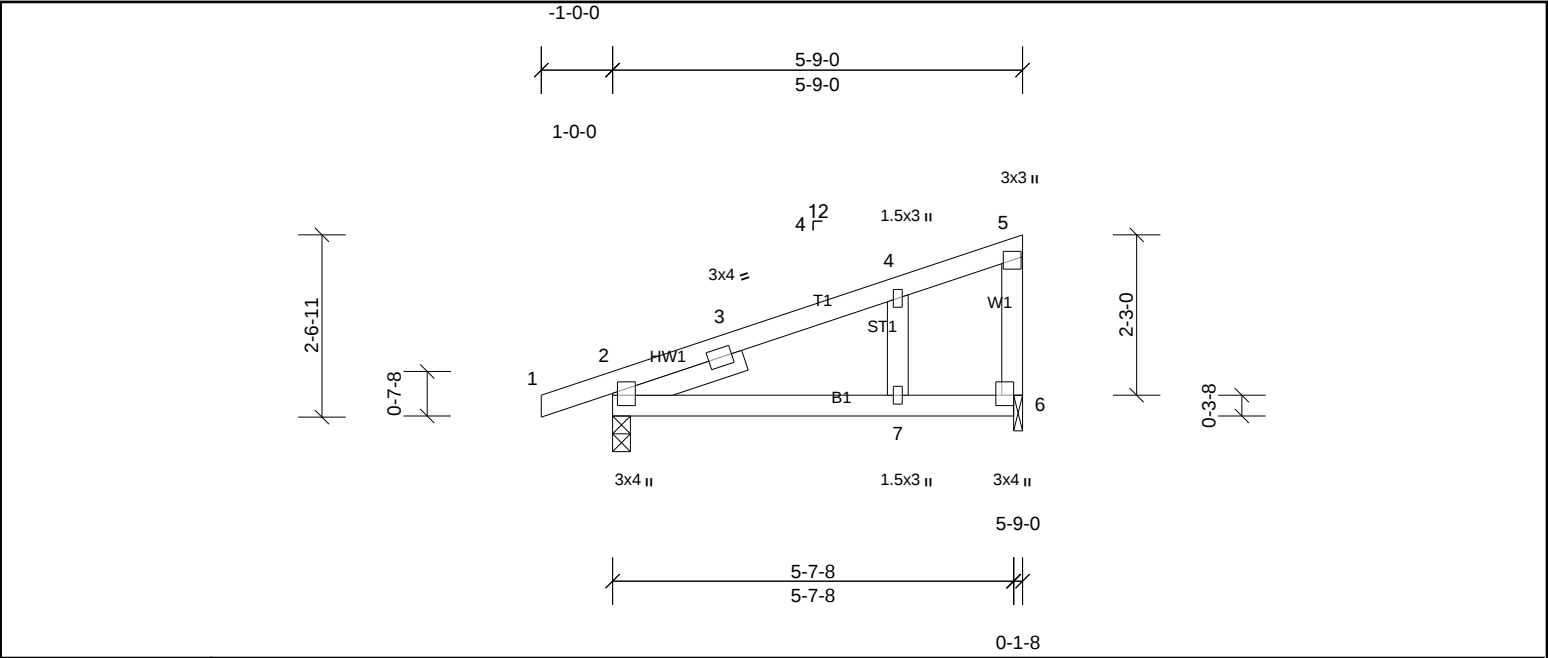


Plate Offsets (X, Y): [2:0-2-1,0-0-13], [6:Edge,0-2-0]												
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	0.07	7-10	>929	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.27	Vert(CT)	-0.06	7-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 27 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 5-9-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3		
OTHERS	2x4 SP No.3		
SLIDER	Left 2x4 SP No.3 -- 1-11-0		

REACTIONS	(lb/size)	2=290/0-3-0, (min. 0-1-8), 6=219/0-1-8, (min. 0-1-8)
	Max Horiz	2=99 (LC 9)
	Max Uplift	2=-137 (LC 6), 6=-104 (LC 6)

FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-223/309

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - 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
 - Truss designed for wind loads in the plane of the truss only.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Bearing at joint(s) 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 6.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 137 lb uplift at joint 2 and 104 lb uplift at joint 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.



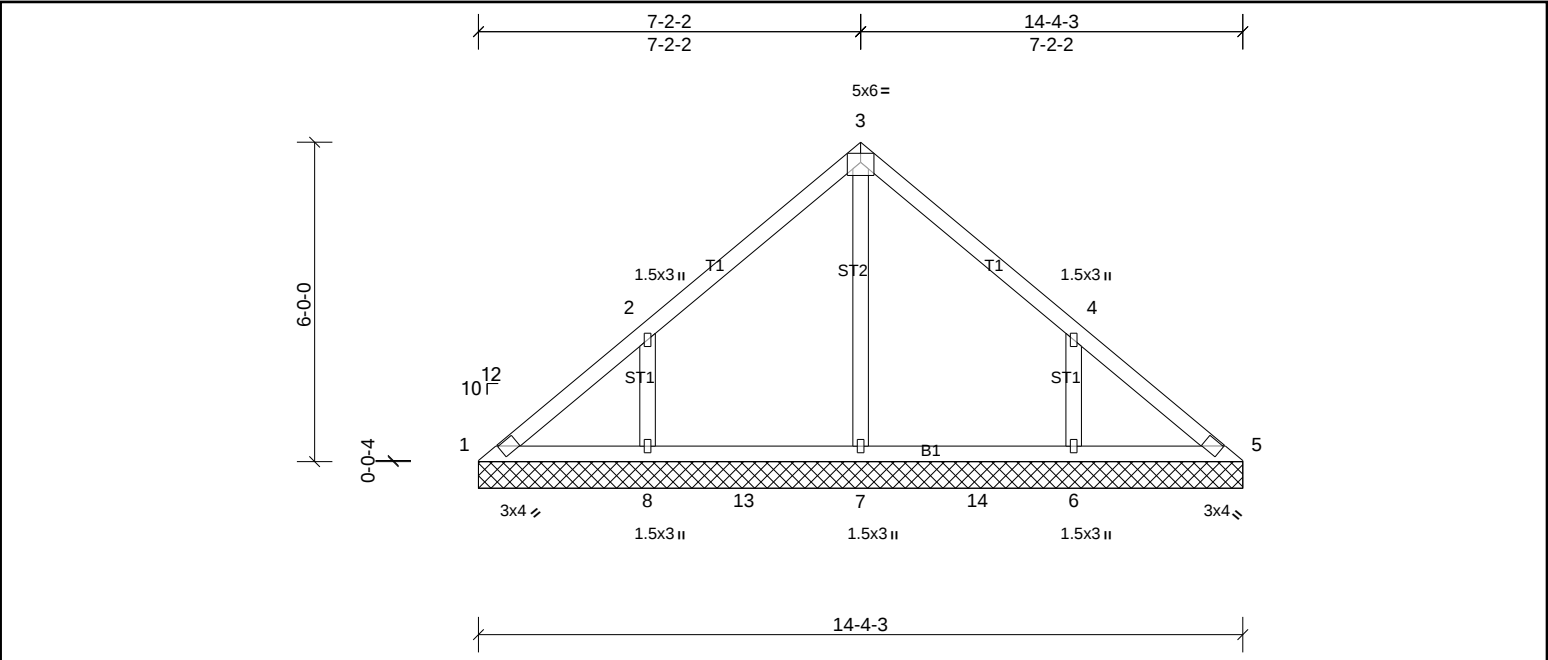
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	V1	Truss	1	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:14

Page: 1

ID:9x06DoZZE_LEIY2IEGmMHNzExzv-flVUZdbQNJHmTe21P69SCvVKV7KTRcYvKPVUEdzEw4V



Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	n/a	-	n/a	999	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.13	Horiz(TL)	0.00	5	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							
										Weight: 62 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
OTHERS	2x4 SP No.3		

REACTIONS	
All bearings	14-4-3.
(lb) - Max Horiz	1=-150 (LC 6)
Max Uplift	All uplift 100 (lb) or less at joint(s) 1 except 6=-179 (LC 11), 8=-183 (LC 10)
Max Grav	All reactions 250 (lb) or less at joint(s) 1, 5 except 6=383 (LC 18), 7=386 (LC 17), 8=387 (LC 17)

FORCES	
(lb) - Max. Comp./Max. Ten. - All forces	250 (lb) or less except when shown.
WEBS	
2-8=-295/221, 4-6=-295/219	

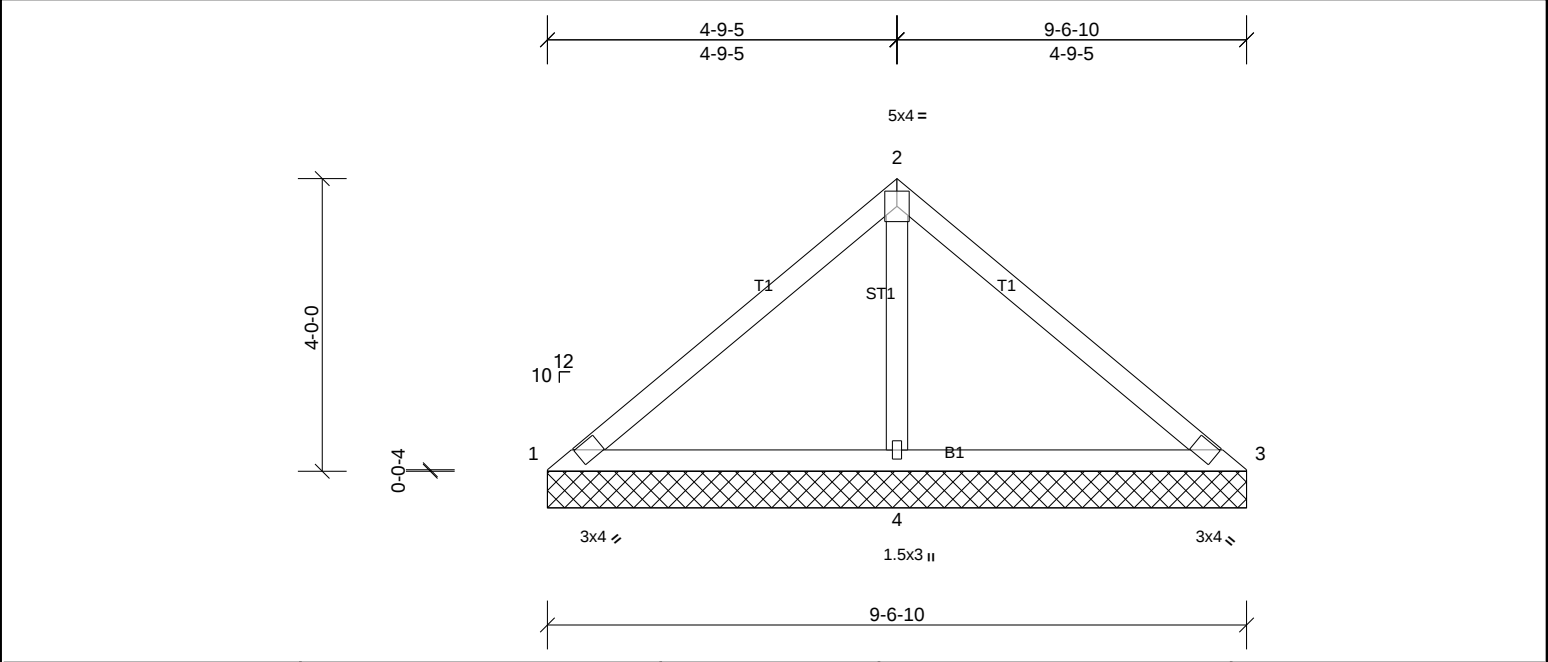
- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 8=182, 6=179.
 - 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.



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



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	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	0.26	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.25	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.16	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							Weight: 36 lb	FT = 20%

LUMBER				BRACING		
TOP CHORD	2x4 SP No.2			TOP CHORD	Structural wood sheathing directly applied or 9-6-10 oc purlins.	
BOT CHORD	2x4 SP No.2			BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.	
OTHERS	2x4 SP No.3					
REACTIONS	(lb/size)	1=32/9-6-10, (min. 0-1-8), 3=32/9-6-10, (min. 0-1-8), 4=700/9-6-10, (min. 0-1-8)				
	Max Horiz	1=-98 (LC 6)				
	Max Uplift	1=-25 (LC 22), 3=-25 (LC 21), 4=-139 (LC 10)				
	Max Grav	1=71 (LC 21), 3=71 (LC 22), 4=700 (LC 1)				
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.					
TOP CHORD	1-2=-101/296, 2-3=-101/296					
WEBS	2-4=-532/227					

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCCL=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 25 lb uplift at joint 1, 25 lb uplift at joint 3 and 139 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.



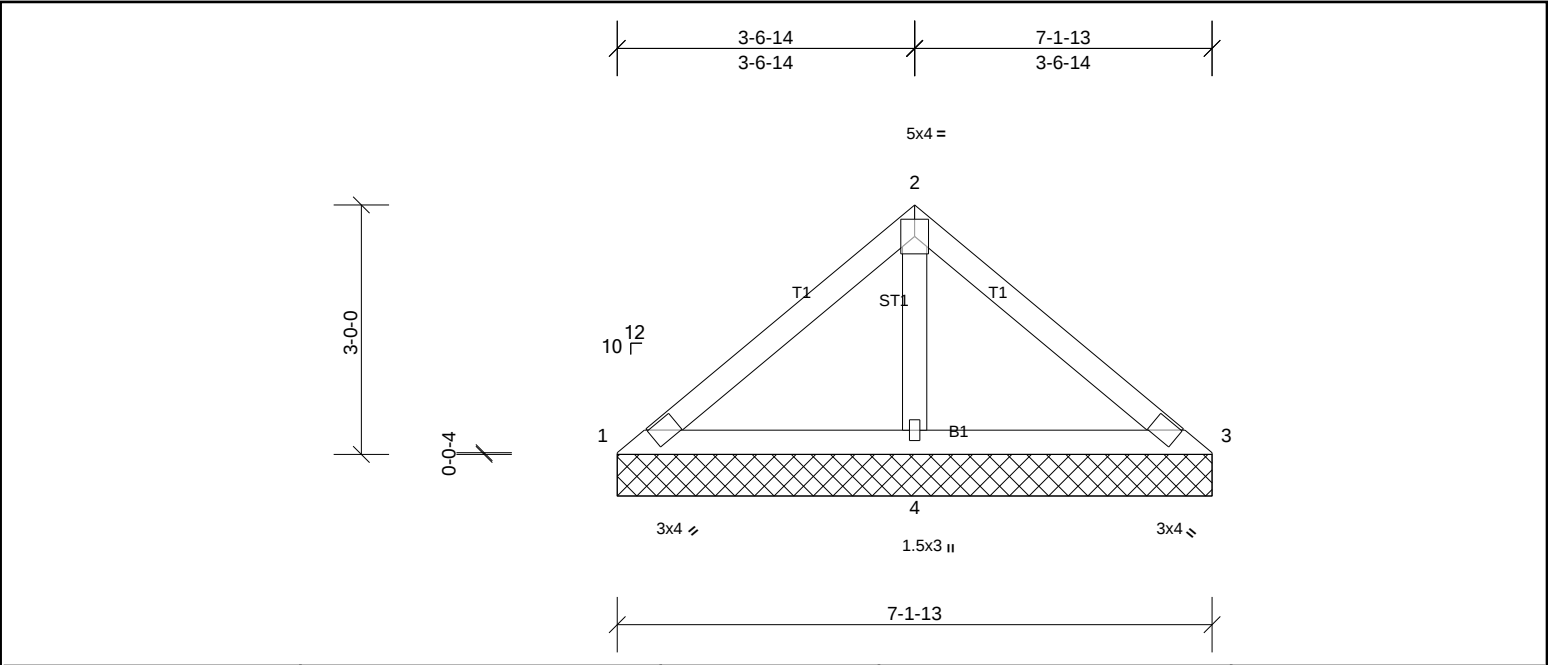
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-TURNER D ROOF
72514376	V4	Truss	2	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:15

Page: 1

ID:07?fzFFu6lCnoidvGWpVn6zEy_I-7x3tAzc28dPd5ndEzqghk71WFXgjA4h3Z3F1m3zEw4U



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
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999	244/190
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-MSH							Weight: 27 lb
											FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 7-1-13 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
OTHERS 2x4 SP No.3	

REACTIONS	(lb/size)	1=53/7-1-13, (min. 0-1-8), 3=53/7-1-13, (min. 0-1-8), 4=466/7-1-13, (min. 0-1-8)
	Max Horiz	1=-73 (LC 6)
	Max Uplift	3=-6 (LC 6), 4=-81 (LC 10)
	Max Grav	1=75 (LC 21), 3=75 (LC 22), 4=466 (LC 1)
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
WEBS	2-4=-333/137	

- 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 6 lb uplift at joint 3 and 81 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-TURNER D ROOF
72514376	V5	Truss	2	1	Job Reference (optional)

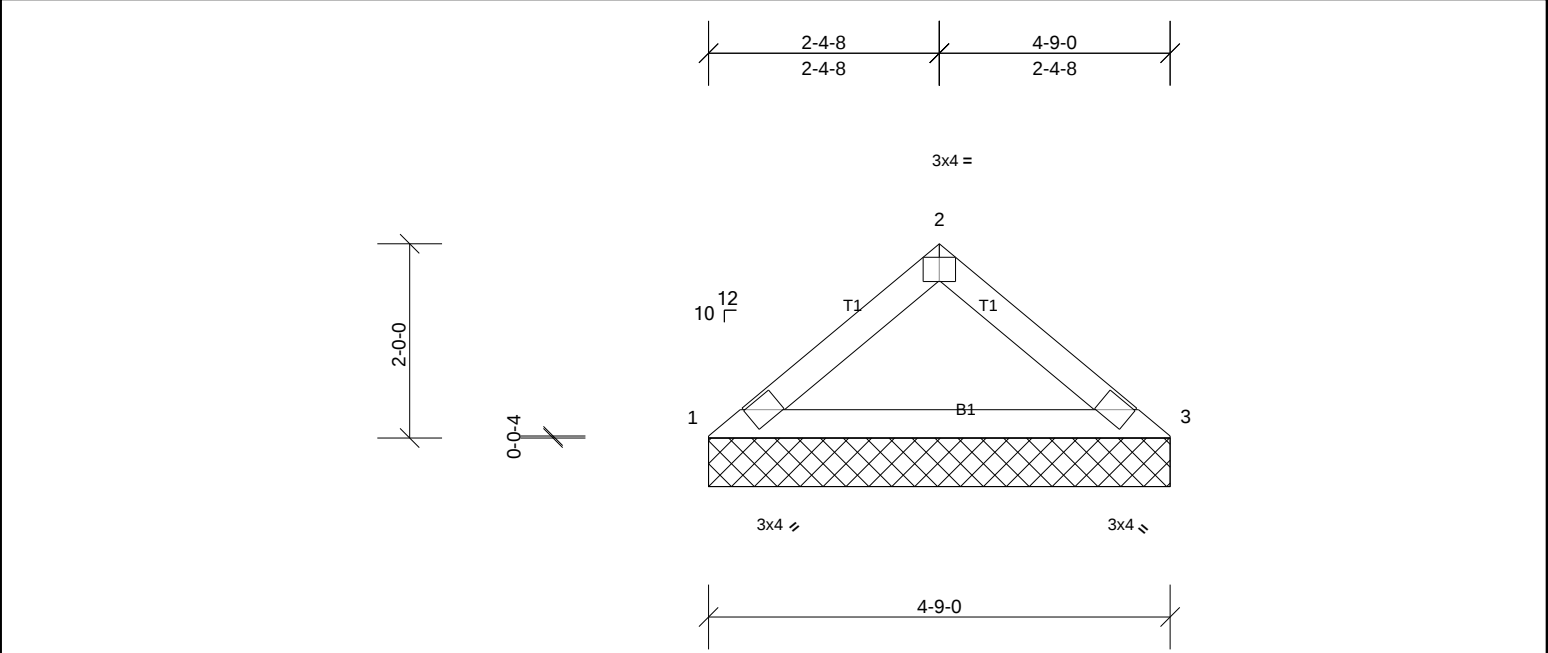


Plate Offsets (X, Y): [2:0-2-0,Edge]

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	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.01	3	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP						Weight: 15 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-9-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
REACTIONS (lb/size)	
1=190/4-9-0, (min. 0-1-8), 3=190/4-9-0, (min. 0-1-8)	
Max Horiz 1=47 (LC 8)	
Max Uplift 1=23 (LC 10), 3=23 (LC 11)	
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD 1-2=-260/62	

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - 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
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 1 and 23 lb uplift at joint 3.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Job 72514376	Truss V6	Truss Type Truss	Qty 2	Ply 1	MUNGO HOMES-TURNER D ROOF Job Reference (optional)
-----------------	-------------	---------------------	----------	----------	---

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Mon May 19 14:52:1f

Page: 1

ID:_Go5mP0Lq9hdOe635KSpzuzEy_c-b8dFOJcgvwYUixCQXXCwHKajUw2WvY7Cnj_bIVzEw4T

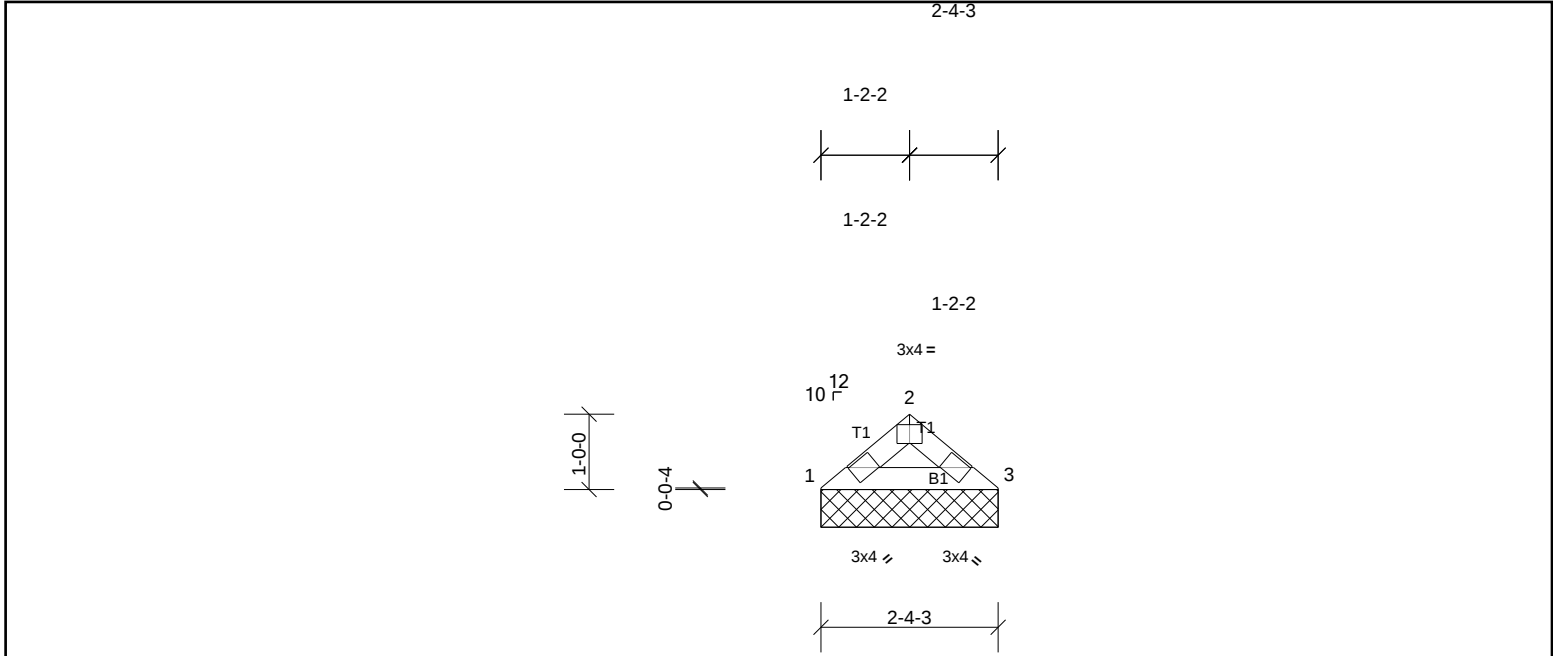


Plate Offsets (X, Y): [2:0-2-0,Edge]

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	0.04	Vert(LL)	n/a	-	n/a	999	MT20
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(TL)	n/a	-	n/a	999	244/190
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 7 lb
											FT = 20%

LUMBER

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

REACTIONS (lb/size) 1=94/2-4-3, (min. 0-1-8), 3=94/2-4-3, (min. 0-1-8)
Max Horiz 1=-21 (LC 8)
Max Uplift 1=-12 (LC 10), 3=-12 (LC 11)

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

NOTES

- Unbalanced roof live loads have been considered for this design.
- 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
- Gable requires continuous bottom chord bearing.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 12 lb uplift at joint 1 and 12 lb uplift at joint 3.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-4-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.



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

