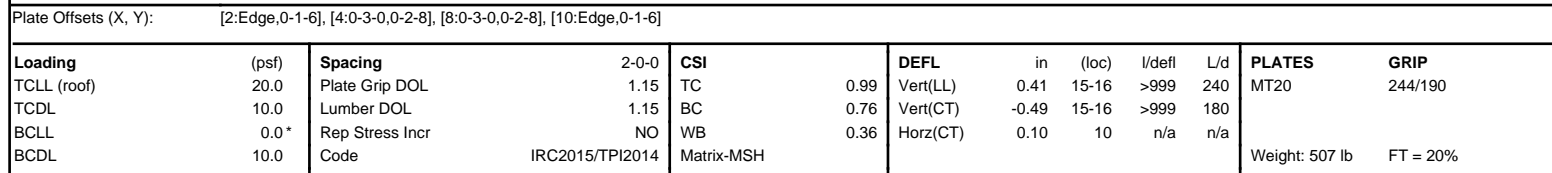


UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Thu May 01 10:25:30 Page: 1  
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**NOTES**

- 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: 2x6 - 2 rows staggered at 0-9-0 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
- Provide adequate drainage to prevent water ponding.
- 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 1372 lb uplift at joint 2 and 1372 lb uplift at joint 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.
- Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- Use Simpson Strong-Tie LUS26 (4-10d Girder, 3-10d Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-7-12 from the left end to 39-4-4 to connect truss(es) to front 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, 4-8=-60, 8-11=-60, 20-23=-20  
Concentrated Loads (lb)  
Vert: 26=-135 (F), 27=-118 (F), 28=-118 (F), 29=-118 (F), 30=-118 (F), 31=-118 (F), 32=-118 (F), 33=-118 (F), 34=-118 (F), 35=-118 (F), 36=-118 (F), 37=-118 (F), 38=-118 (F), 39=-118 (F), 40=-118 (F), 41=-118 (F), 42=-118 (F), 43=-118 (F), 44=-118 (F), 45=-135 (F)

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 - TELFAIR A ROOF
72512342	A2	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. Thu May 01 10:25:34

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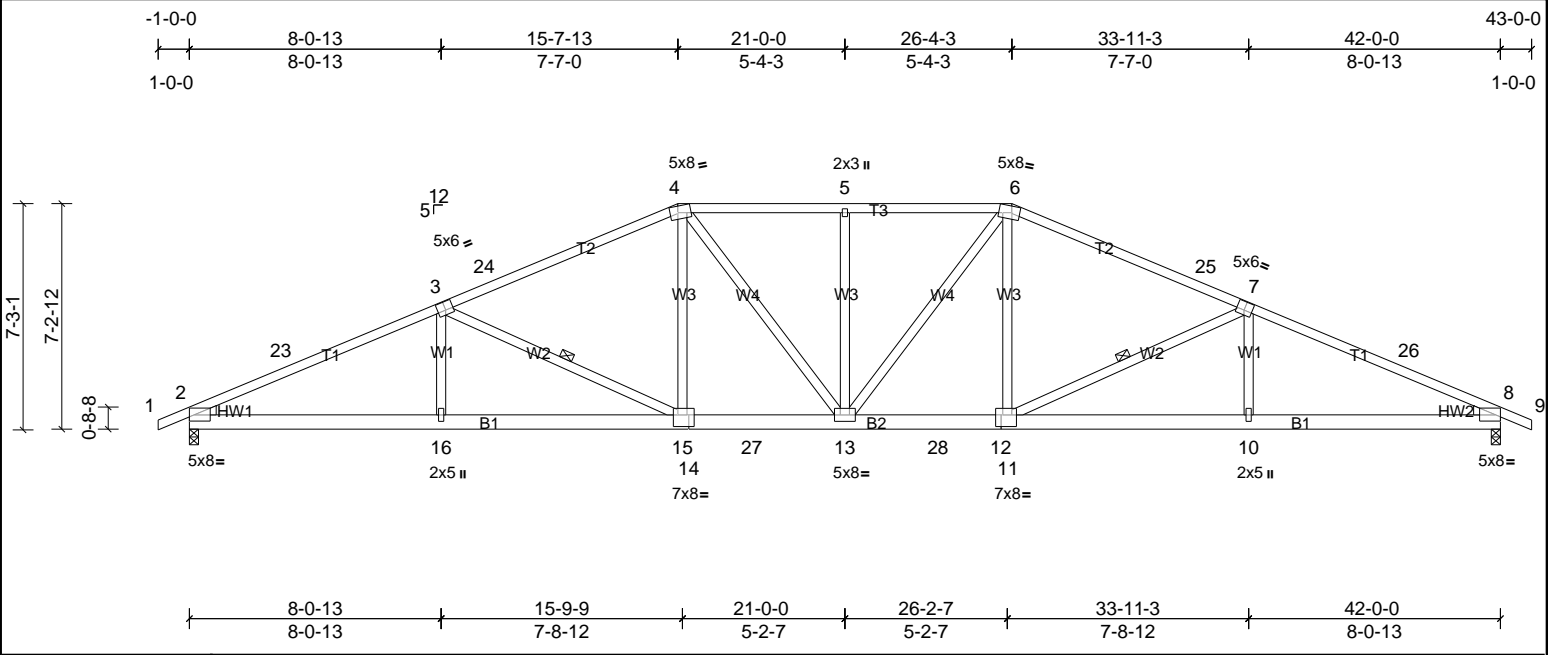


Plate Offsets (X, Y): [2:Edge,0-1-10], [3:0-3-0,0-3-4], [4:0-3-0,0-2-8], [6:0-3-0,0-2-8], [7:0-3-0,0-3-4], [8:Edge,0-1-10], [11:0-1-12,0-4-8], [14:0-1-12,0-4-8]

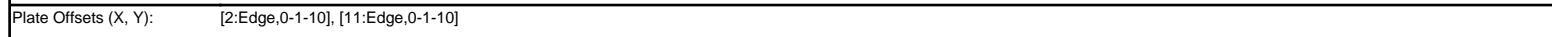
Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.95	Vert(LL)	-0.20	13	>999	240	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.80	Vert(CT)	-0.40	13	>999	180	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.11	8	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							
										Weight: 257 lb	FT = 20%

<b>LUMBER</b>			<b>BRACING</b>		
TOP CHORD	2x4 SP No.1 *Except* T3:2x4 SP No.2		TOP CHORD	Structural wood sheathing directly applied, except	
BOT CHORD	2x6 SP No.1 *Except* B2:2x6 SP No.2			2-0-0 oc purlins (3-4-5 max.): 4-6.	
WEBS	2x4 SP No.3		BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.	
WEDGE	Left: 2x4 SP No.2		WEBS	1 Row at midpt	
	Right: 2x4 SP No.2			3-15, 7-11	
<b>REACTIONS</b>					
	(lb/size)	2=1740/0-3-8, (min. 0-2-12), 8=1740/0-3-8, (min. 0-2-12)			
	Max Horiz	2=121 (LC 10)			
	Max Uplift	2=213 (LC 10), 8=213 (LC 11)			
<b>FORCES</b>					
	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.				
TOP CHORD	2-23=-3352/638, 3-23=-3254/671, 3-24=-2731/610, 4-24=-2635/641, 4-5=-2586/674, 5-6=-2586/674, 6-25=-2635/641, 7-25=-2731/610, 7-26=-3254/671, 8-26=-3352/638				
BOT CHORD	2-16=-505/3004, 15-16=-507/3003, 14-15=-354/2441, 14-27=-354/2441, 13-27=-354/2441, 13-28=-354/2441, 12-28=-354/2441, 11-12=-354/2441, 10-11=-507/3003, 8-10=-505/3004				
WEBS	3-15=-659/256, 4-15=-32/516, 4-13=-77/402, 5-13=-344/164, 6-13=-77/402, 6-11=-32/516, 7-11=-659/256				

- 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) -1-0-0 to 3-2-6, Interior (1) 3-2-6 to 9-8-8, Exterior (2) 9-8-8 to 32-3-8, Interior (1) 32-3-8 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - Provide adequate drainage to prevent water ponding.
  - 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 213 lb uplift at joint 2 and 213 lb uplift at joint 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.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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. Thu May 01 10:25:3 ID:a?q6?71yTv6SHVH?OIzqz2z8gqv-Ks1SIAwRyMmbf1q99IJT2phQTGBLMRXAgLy1NCzKvgU



<b>LUMBER</b>		<b>BRACING</b>	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied, except
BOT CHORD	2x6 SP No.1 *Except* B2:2x6 SP No.2		2-0-0 oc purlins (3-10-5 max.): 6-7.
WEBS	2x4 SP No.3	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2	WEBS	1 Row at midpt 5-16, 8-15
<b>REACTIONS</b>			
	(lb/size)	2=1740/0-3-8, (min. 0-2-12), 11=1740/0-3-8, (min. 0-2-12)	
	Max Horiz	2=-156 (LC 11)	
	Max Uplift	2=-254 (LC 10), 11=-254 (LC 11)	
<b>FORCES</b>			
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.			
TOP CHORD	2-25=-3398/548, 3-25=-3307/576, 3-4=-3137/542, 4-5=-3066/560, 5-26=-2276/492, 6-26=-2187/520, 6-7=-2028/526, 7-27=-2187/520, 8-27=-2276/492, 8-9=-3066/560, 9-10=-3137/542, 10-28=-3307/576, 11-28=-3398/548		
BOT CHORD	2-18=-505/3052, 18-29=-341/2579, 17-29=-341/2579, 16-17=-341/2579, 15-16=-177/2028, 14-15=-341/2579, 14-30=-341/2579, 13-30=-341/2579, 11-13=-423/3052		
WEBS	3-18=-349/223, 5-18=-47/527, 5-16=-775/298, 6-16=-97/645, 7-15=-97/645, 8-15=-775/298, 8-13=-48/527, 10-13=-349/223		

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
  - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDD=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -1-0-0 to 3-2-6, Interior (1) 3-2-6 to 14-6-2, Exterior (2) 14-6-2 to 27-5-14, Interior (1) 27-5-14 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - 3) 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, with BCDL = 10.0psf.
  - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 254 lb uplift at joint 2 and 254 lb uplift at joint 11.
  - 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.
  - 8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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 Plant Institute.

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	A4	Truss	4	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. Thu May 01 10:25:35  
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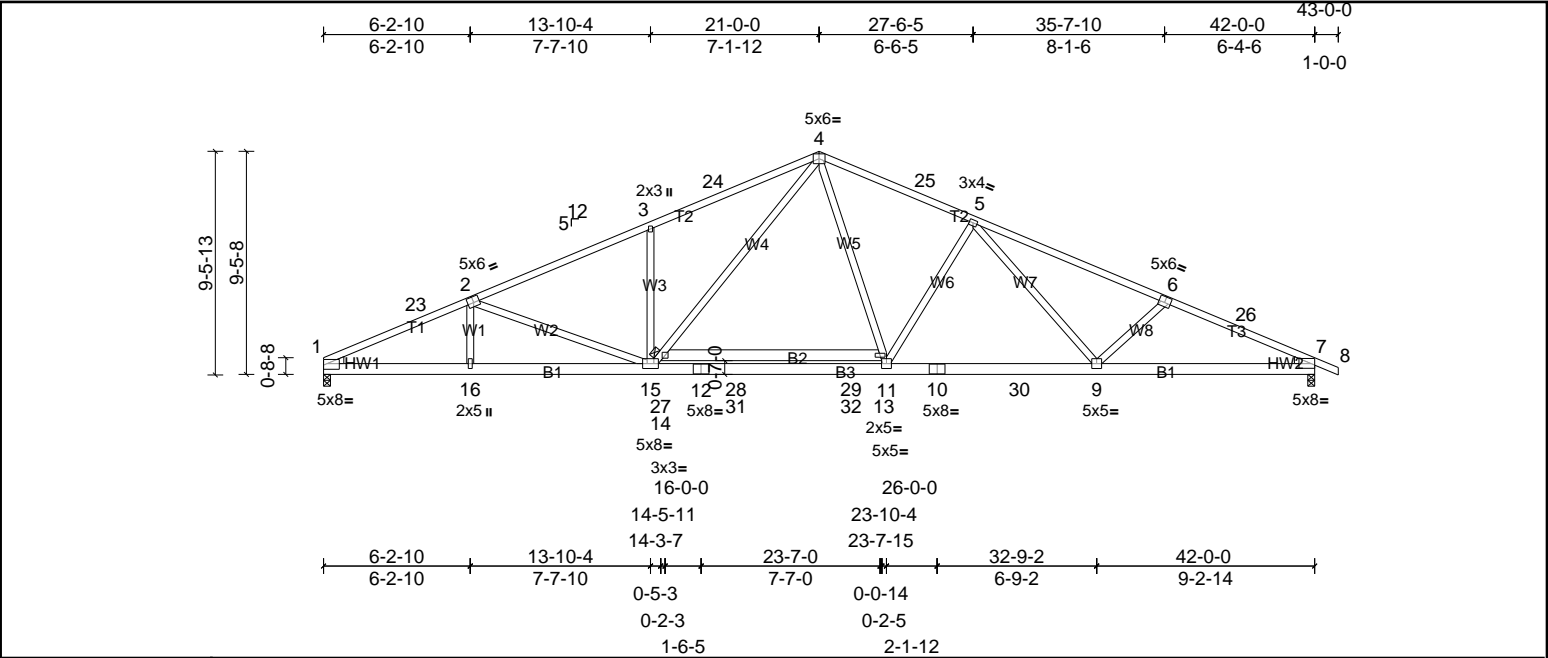


Plate Offsets (X, Y): [2:0-3-0,0-3-0], [6:0-3-0,0-3-0], [7:Edge,0-1-10]

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.97	Vert(LL)	-0.35	13-14	>999	240	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.83	Vert(CT)	-0.70	13-14	>718	180	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.11	7	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							
										Weight: 274 lb	FT = 20%

<b>LUMBER</b>		<b>BRACING</b>	
TOP CHORD	2x4 SP No.1 *Except* T1,T3;2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	2x6 SP SS *Except* B3,B2;2x6 SP No.2	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
WEBS	2x4 SP No.3 *Except* W5;2x4 SP No.2		6-0-0 oc bracing: 13-14.
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2		
<b>REACTIONS</b>			
	(lb/size) 1=1783/0-3-8, (min. 0-2-13), 7=1826/0-3-8, (min. 0-2-14)		
	Max Horiz 1=167 (LC 11)		
	Max Uplift 1=173 (LC 10), 7=207 (LC 11)		
<b>FORCES</b>			
	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.		
TOP CHORD	1-23=-3597/363, 2-23=-3480/378, 2-3=-3302/340, 3-24=-3314/438, 4-24=-3236/458, 4-25=-2796/380, 5-25=-2869/353, 5-6=-3441/385, 6-26=-3572/417, 7-26=-3678/391		
BOT CHORD	1-16=-384/3249, 15-16=-387/3251, 15-27=-16/2356, 12-27=-16/2356, 12-28=-16/2356, 28-29=-16/2356, 11-29=-16/2356, 10-11=-150/2863, 10-30=-150/2863, 9-30=-150/2863, 7-9=-285/3331		
WEBS	3-15=-492/286, 14-15=-310/1118, 4-14=-249/1237, 4-13=-102/1141, 11-13=-161/933, 5-11=-679/304, 5-9=-77/459, 6-9=-400/256, 2-15=-458/216		

- 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) 0-0-0 to 4-2-6, Interior (1) 4-2-6 to 16-9-10, Exterior (2) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - 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 173 lb uplift at joint 1 and 207 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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	A4S	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. Thu May 01 10:25:36  
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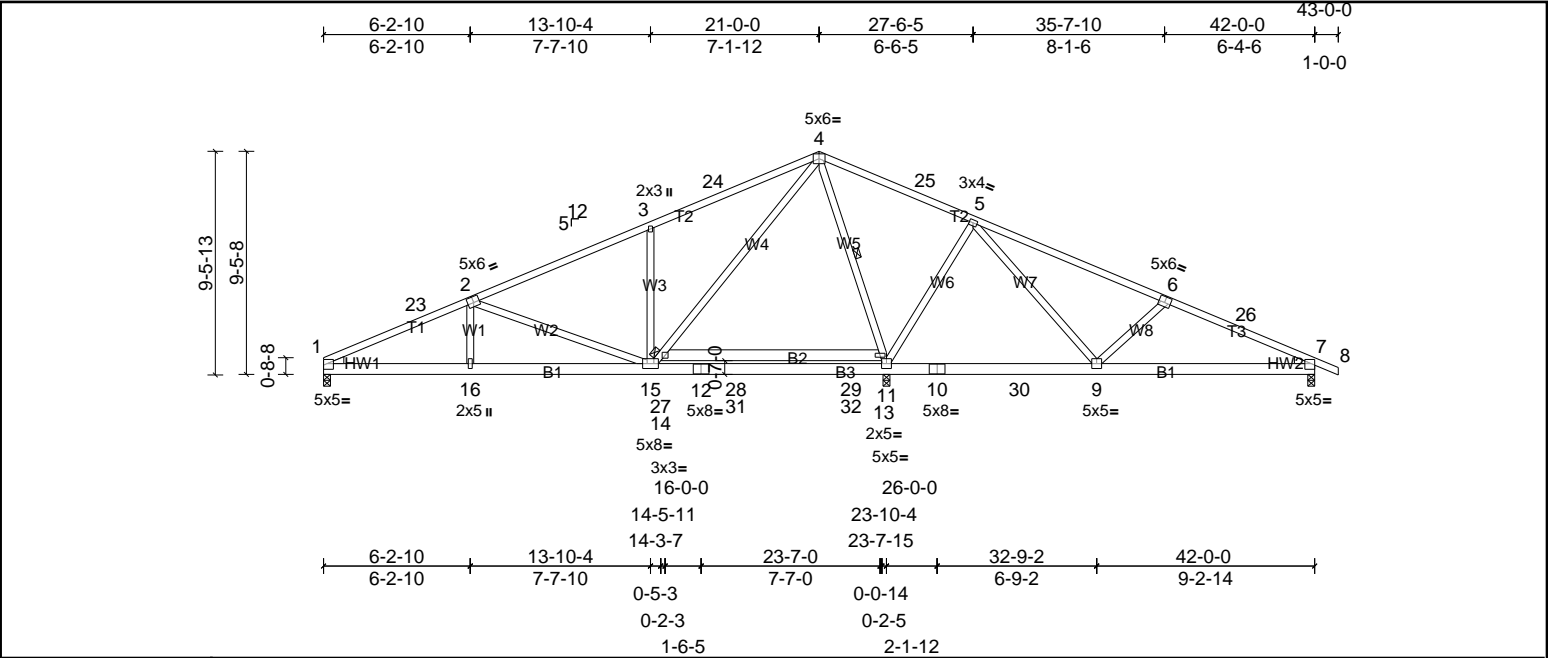


Plate Offsets (X, Y): [2:0-3-0,0-3-0], [6:0-3-0,0-3-0]

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	0.59	Vert(LL)	-0.18	13-14	>999	240	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.74	Vert(CT)	-0.33	13-14	>860	180	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.01	11	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							
										Weight: 274 lb	FT = 20%

<b>LUMBER</b>		<b>BRACING</b>	
TOP CHORD	2x4 SP No.1 *Except* T1,T3;2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-7-12 oc purlins.
BOT CHORD	2x6 SP SS *Except* B3,B2;2x6 SP No.2	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	2x4 SP No.3 *Except* W5;2x4 SP No.2	WEBS	1 Row at midpt 4-13
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2		
<b>REACTIONS</b>			
(lb/size)	1=757/0-3-8, (min. 0-1-8), 7=478/0-3-8, (min. 0-1-8), 11=2375/0-3-8, (min. 0-2-15)		
Max Horiz	1=-167 (LC 11)		
Max Uplift	1=-118 (LC 10), 7=-130 (LC 11), 11=-135 (LC 11)		
Max Grav	1=808 (LC 24), 7=555 (LC 25), 11=2475 (LC 2)		
<b>FORCES</b>			
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.			
TOP CHORD	1-23=-1428/190, 2-23=-1301/205, 2-3=-787/104, 3-24=-801/218, 4-24=-706/247, 4-25=0/825, 5-25=-6/689, 5-6=-375/152, 6-26=-558/213, 7-26=-686/197		
BOT CHORD	1-16=-270/1255, 15-16=-272/1252, 15-27=-248/291, 12-27=-248/291, 12-28=-248/291, 28-29=-248/291, 11-29=-248/291, 10-11=-354/143, 10-30=-354/143, 9-30=-354/143, 7-9=-118/577		
WEBS	3-15=-487/286, 14-15=-316/1197, 4-14=-252/1283, 4-13=-1495/234, 11-13=-1583/171, 5-11=-758/310, 5-9=-90/658, 6-9=-453/260, 2-15=-661/230		

- 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) 0-0-0 to 4-2-6, Interior (1) 4-2-6 to 16-9-10, Exterior (2) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - 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 118 lb uplift at joint 1, 135 lb uplift at joint 11 and 130 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.





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<b>LUMBER</b>		<b>BRACING</b>	
TOP CHORD	2x4 SP No.1 *Except* T1,T3:2x4 SP No.2	TOP CHORD	2-0-0 oc purlins (4-5-3 max.)
BOT CHORD	2x4 SP No.2 *Except* B1:2x6 SP SS, B3,B2:2x6 SP No.2, B4:2x4 SP No.3, B7:2x8 SP No.2		(Switched from sheeted: Spacing > 2-0-0).
WEBS	2x4 SP No.3 *Except* W5:2x4 SP No.2, W11:2x10 SP No.2	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEDGE	Left: 2x4 SP No.2	WEBS	1 Row at midpt 4-17

<b>REACTIONS</b>	(lb/size)	1=767/0-3-8, (min. 0-1-8), 9=420/0-3-8, (min. 0-1-8), 15=2874/0-3-8, (min. 0-3-6)
	Max Horiz	1=188 (LC 11)
	Max Uplift	1=144 (LC 10), 9=128 (LC 11), 15=185 (LC 11)
	Max Grav	1=877 (LC 24), 9=489 (LC 25), 15=2874 (LC 1)
<b>FORCES</b>	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	1-28=-1536/241, 2-28=-1392/258, 2-3=-807/147, 3-29=-820/275, 4-29=-730/308, 4-30=0/1186, 5-30=0/1072, 5-6=-35/1058, 6-7=-67/301, 7-31=-148/268, 8-9=-1142/224	
BOT CHORD	1-20=-329/1346, 19-20=-332/1343, 16-19=-447/360, 16-32=-447/360, 32-33=-447/360, 15-33=-447/360, 11-12=-286/1108, 13-14=-254/0, 9-11=-207/1136	
WEBS	2-20=0/262, 3-19=-548/322, 18-19=-351/1322, 4-18=-282/1445, 4-17=-1839/227, 15-17=-1954/157, 5-15=-578/245, 6-12=0/440, 2-19=-765/256, 13-15=-775/325, 8-11=0/299, 6-13=-922/256, 8-12=-1045/345	

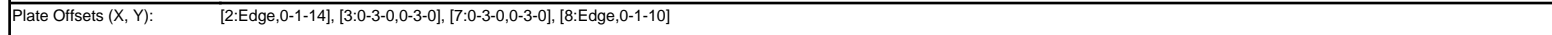
- NOTES**

  - 1) Unbalanced roof live loads have been considered for this design.
  - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-0-0 to 4-2-6, Interior (1) 4-2-6 to 16-9-10, Exterior (2) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - 4) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
  - 5) 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.
  - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 1, 185 lb uplift at joint 15 and 128 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.
  - 8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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.

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. Thu May 01 10:25:36 ID:a?q6?71yTv6SHVH?OIzqv2z8gqv-kRjaNCzKFH9AWUZkrsAgRJwDTBtZiicMJBHxZxKvgP



<b>LUMBER</b>		<b>BRACING</b>	
TOP CHORD	2x4 SP No.1 *Except* T1:2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	2x6 SP No.1 *Except* B3,B2:2x6 SP No.2	BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	2x4 SP No.3		
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2		
<b>REACTIONS</b>	(lb/size)      2=1843/0-3-8, (min. 0-2-14), 8=1826/0-3-8, (min. 0-2-14) Max Horiz      2=-160 (LC 11) Max Uplift      2=-196 (LC 10), 8=-207 (LC 11)		
<b>FORCES</b>	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.		
TOP CHORD	2-24=-3589/335, 3-24=-3474/350, 3-4=-3298/331, 4-25=-3310/430, 5-25=-3232/449, 5-26=-2795/375, 6-26=-2869/347, 6-7=-3442/380, 7-27=-3571/412, 8-27=-3677/387		
BOT CHORD	2-17=-381/3242, 16-17=-383/3245, 16-28=-11/2355, 13-28=-11/2355, 13-29=-11/2355, 29-30=-11/2355, 12-30=-11/2355, 11-12=-145/2863, 11-31=-145/2863, 10-31=-145/2863, 8-10=-281/3329		
WEBS	4-16=-494/286, 15-16=-311/1116, 5-15=-249/1234, 5-14=-102/1143, 12-14=-161/935, 6-12=-681/304, 6-10=-77/461, 7-10=-397/256, 3-16=-451/213		

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
  - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) -1-0-0 to 3-2-6, Interior (1) 3-2-6 to 16-9-10, Exterior (2) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - 4) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
  - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 196 lb uplift at joint 2 and 207 lb uplift at joint 8.
  - 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



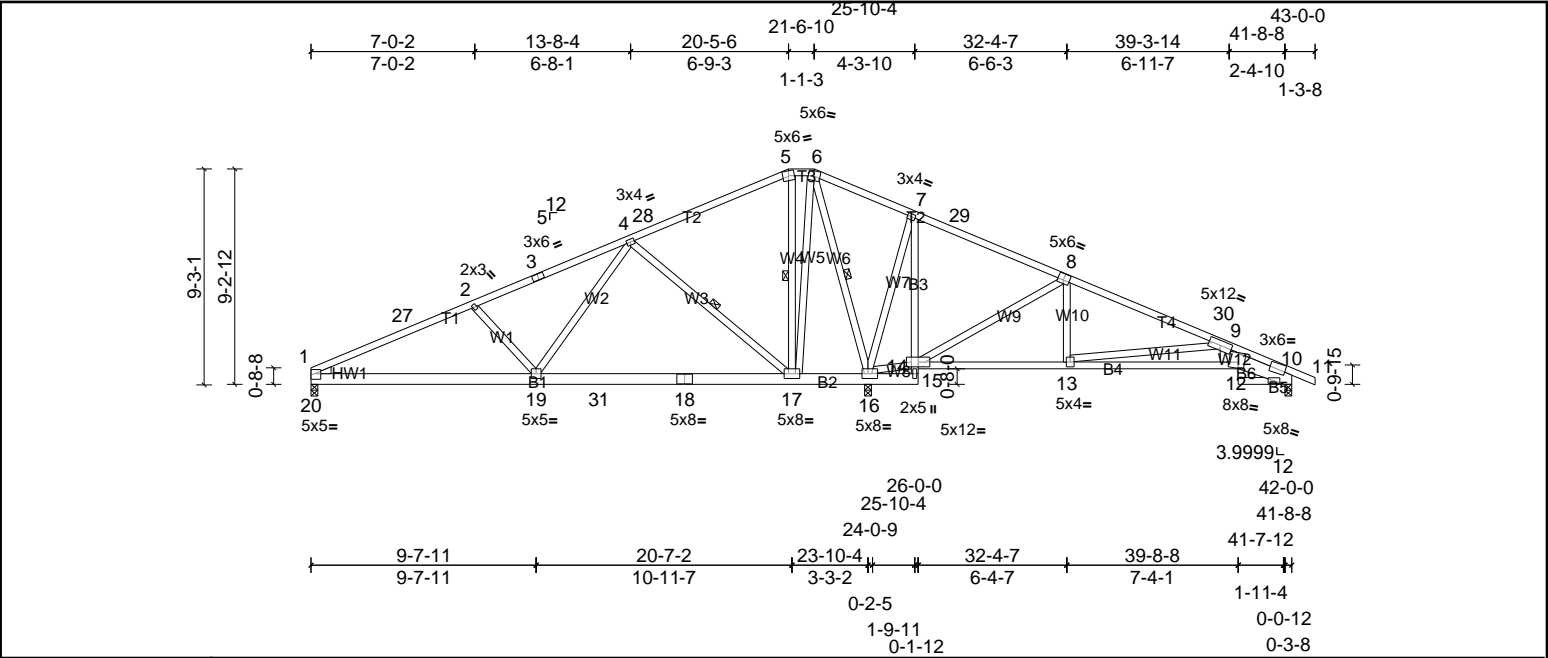
This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on 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 - TELFAIR A ROOF
72512342	A6T	Truss	1	1	Job Reference (optional)

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

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Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	A7T	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. Thu May 01 10:25:35

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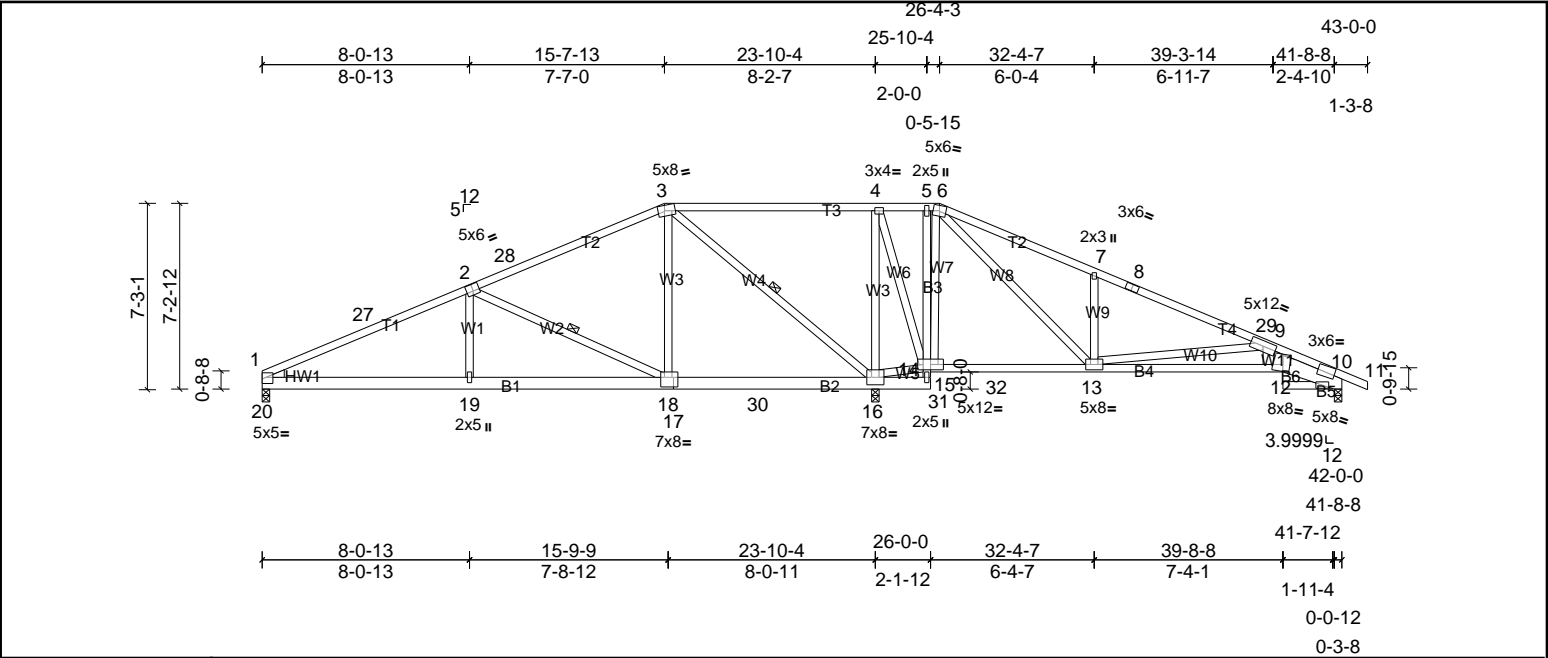


Plate Offsets (X, Y): [2:0-3-0,0-3-4], [3:0-3-0,0-2-8], [10:0-3-15,0-1-7], [12:0-3-4,0-3-4], [17:0-1-12,0-4-8]

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	0.76	Vert(LL)	-0.08	12-13	>999	240	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.57	Vert(CT)	-0.19	12-13	>999	180	
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.90	Horz(CT)	0.03	10	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							
										Weight: 273 lb	FT = 20%

<b>LUMBER</b>		<b>BRACING</b>	
TOP CHORD	2x4 SP No.2 *Except* T3:2x4 SP No.1	TOP CHORD	Structural wood sheathing directly applied or 4-4-7 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): 3-6.
BOT CHORD	2x6 SP No.2 *Except* B5,B4:2x4 SP No.2, B3:2x4 SP No.3, B6:2x8 SP No.2	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	2x4 SP No.3 *Except* W11:2x10 SP No.2	WEBS	1 Row at midpt 2-18, 3-16
WEDGE	Left: 2x4 SP No.2		
<b>REACTIONS</b>			
(lb/size)	1=670/0-3-8, (min. 0-1-8), 10=429/0-3-8, (min. 0-1-8), 16=2320/0-3-8, (min. 0-2-12)		
Max Horiz	1=128 (LC 15)		
Max Uplift	1=144 (LC 10), 10=121 (LC 11), 16=236 (LC 7)		
Max Grav	1=761 (LC 24), 10=474 (LC 25), 16=2320 (LC 1)		
<b>FORCES</b>			
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.			
TOP CHORD	1-27=-1248/232, 2-27=-1155/252, 2-28=-457/129, 3-28=-362/160, 3-4=0/892, 4-5=0/715, 5-6=0/707, 9-10=-1155/222		
BOT CHORD	1-19=-292/1069, 18-19=-256/1065, 17-18=-34/345, 17-30=-34/345, 16-30=-34/345, 14-31=-636/243, 31-32=-636/243, 13-32=-636/243, 12-13=-277/1106, 10-12=-207/1138		
WEBS	2-19=0/332, 2-18=-832/270, 3-18=-18/568, 3-16=-1348/252, 4-16=-1011/274, 7-13=-434/250, 6-14=-908/285, 6-13=-267/976, 14-16=-789/303, 4-14=-76/527, 9-12=0/295, 9-13=-954/312		

- 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) 0-0-0 to 4-2-6, Interior (1) 4-2-6 to 9-8-8, Exterior (2) 9-8-8 to 32-4-7, Interior (1) 32-4-7 to 38-9-10, Exterior (2) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - Provide adequate drainage to prevent water ponding.
  - 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.
  - Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
  - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 1, 236 lb uplift at joint 16 and 121 lb uplift at joint 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.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	A8T	Truss	1	2	Job Reference (optional)

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

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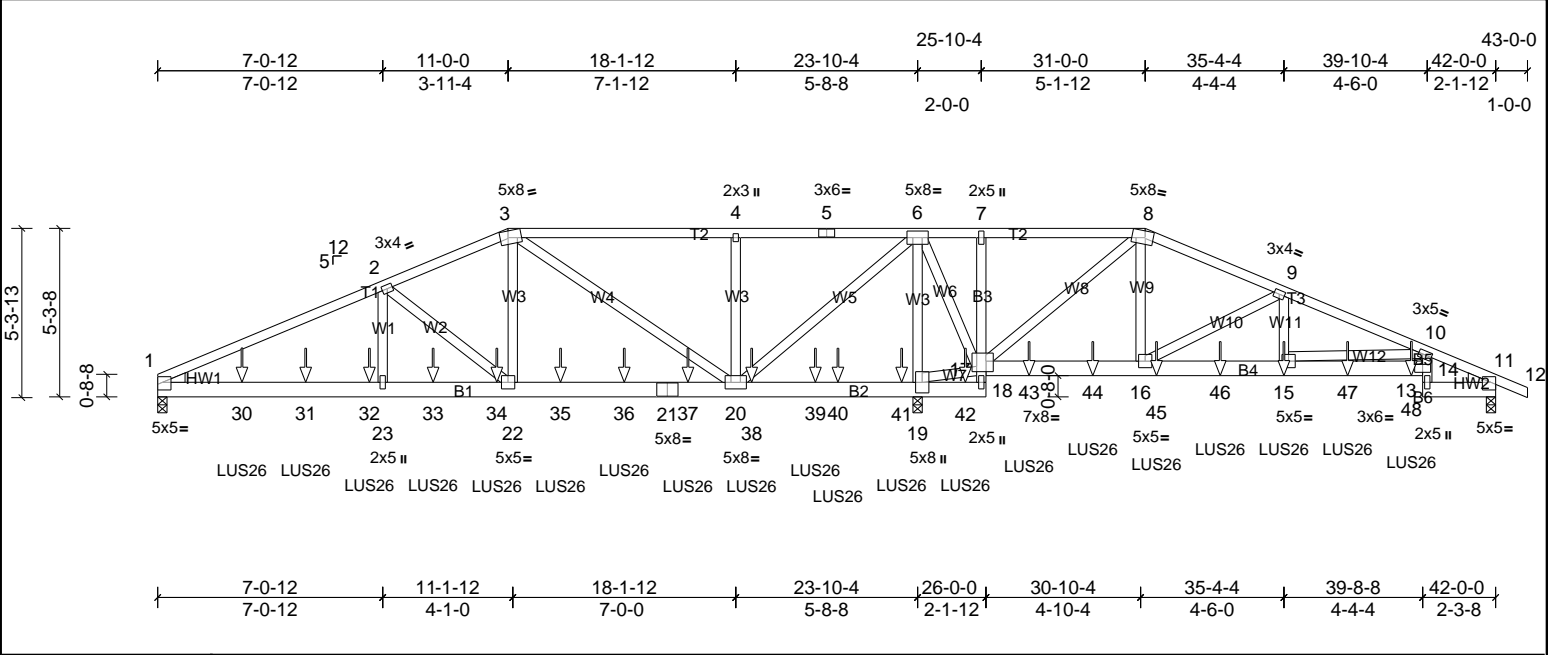


Plate Offsets (X, Y): [3:0-3-0,0-2-8], [8:0-3-0,0-2-8], [10:0-1-8,0-1-8], [17:0-2-12,0-4-0]

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	0.35	Vert(LL)	0.07	20-22	>999	240	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.63	Vert(CT)	-0.09	20-22	>999	180	
BCLL	0.0*	Rep Stress Incr	NO	WB	0.54	Horz(CT)	0.03	11	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MSH							
										Weight: 540 lb	FT = 20%

<b>LUMBER</b>		<b>BRACING</b>	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except
BOT CHORD	2x6 SP No.2 *Except* B3:2x4 SP No.3, B5:2x4 SP No.2		2-0-0 oc purlins (6-0-0 max.): 3-8.
WEBS	2x4 SP No.3	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2		
<b>REACTIONS</b>			
(lb/size)	1=1185/0-3-8, (min. 0-1-8), 11=714/0-3-8, (min. 0-1-8), 19=3909/0-3-8, (min. 0-2-5)		
Max Horiz	1=95 (LC 13)		
Max Uplift	1=499 (LC 8), 11=258 (LC 9), 19=2057 (LC 5)		
Max Grav	1=1237 (LC 19), 11=737 (LC 20), 19=3950 (LC 17)		
<b>FORCES</b>			
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.			
TOP CHORD	1-2=-2112/945, 2-3=-1436/771, 3-4=-311/298, 4-5=-311/298, 5-6=-311/298, 6-7=-557/1443, 7-8=-545/1421, 9-10=-1021/438, 10-11=-1137/428		
BOT CHORD	1-30=-867/1871, 30-31=-867/1871, 31-32=-867/1871, 23-32=-867/1871, 23-33=-867/1871, 33-34=-867/1871, 22-34=-867/1871, 22-35=-615/1373, 35-36=-615/1373, 21-36=-615/1373, 21-37=-615/1373, 20-37=-615/1373, 20-38=-1842/894, 38-39=-1842/894, 39-40=-1842/894, 40-41=-1842/894, 19-41=-1842/894, 19-42=-306/169, 18-42=-306/169, 11-13=-337/967, 16-45=-311/915, 45-46=-311/915, 15-46=-311/915, 15-47=-664/1887, 47-48=-664/1887, 14-48=-664/1887		
WEBS	2-23=-120/404, 2-22=-773/342, 3-22=-537/985, 3-20=-1297/572, 4-20=-438/216, 6-20=-1367/2631, 6-19=-2748/1380, 17-19=-1651/772, 8-16=-480/908, 9-16=-1049/466, 9-15=-210/571, 6-17=-429/947, 8-17=-1791/830, 10-15=-979/355		

**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: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 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; TCDD=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
- Provide adequate drainage to prevent water ponding.
- 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 499 lb uplift at joint 1, 2057 lb uplift at joint 19 and 258 lb uplift at joint 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.
- Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- Use Simpson Strong-Tie LUS26 (4-10d Girder, 3-10d Truss) or equivalent spaced at 6-0-0 oc max. starting at 2-7-12 from the left end to 14-7-12 to connect truss(es) to back face of bottom chord.
- Use Simpson Strong-Tie LUS26 (4-10d Girder, 3-10d Truss) or equivalent spaced at 10-0-0 oc max. starting at 4-7-12 from the left end to 39-4-4 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)

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	A8T	Truss	1	2	Job Reference (optional)

Vert: 1-3=-60, 3-8=-60, 8-12=-60, 18-24=-20, 13-27=-20, 14-17=-20

Concentrated Loads (lb)

Vert: 15=-118 (B), 30=-135 (B), 31=-118 (B), 32=-118 (B), 33=-118 (B), 34=-118 (B), 35=-118 (B), 36=-118 (B), 37=-118 (B), 38=-118 (B), 39=-118 (B), 40=-118 (B), 41=-118 (B), 42=-118 (B), 43=-118 (B), 44=-118 (B), 45=-118 (B), 46=-118 (B), 47=-118 (B), 48=-134 (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 - TELFAIR A ROOF
72512342	EJ1	Truss	3	1	Job Reference (optional)

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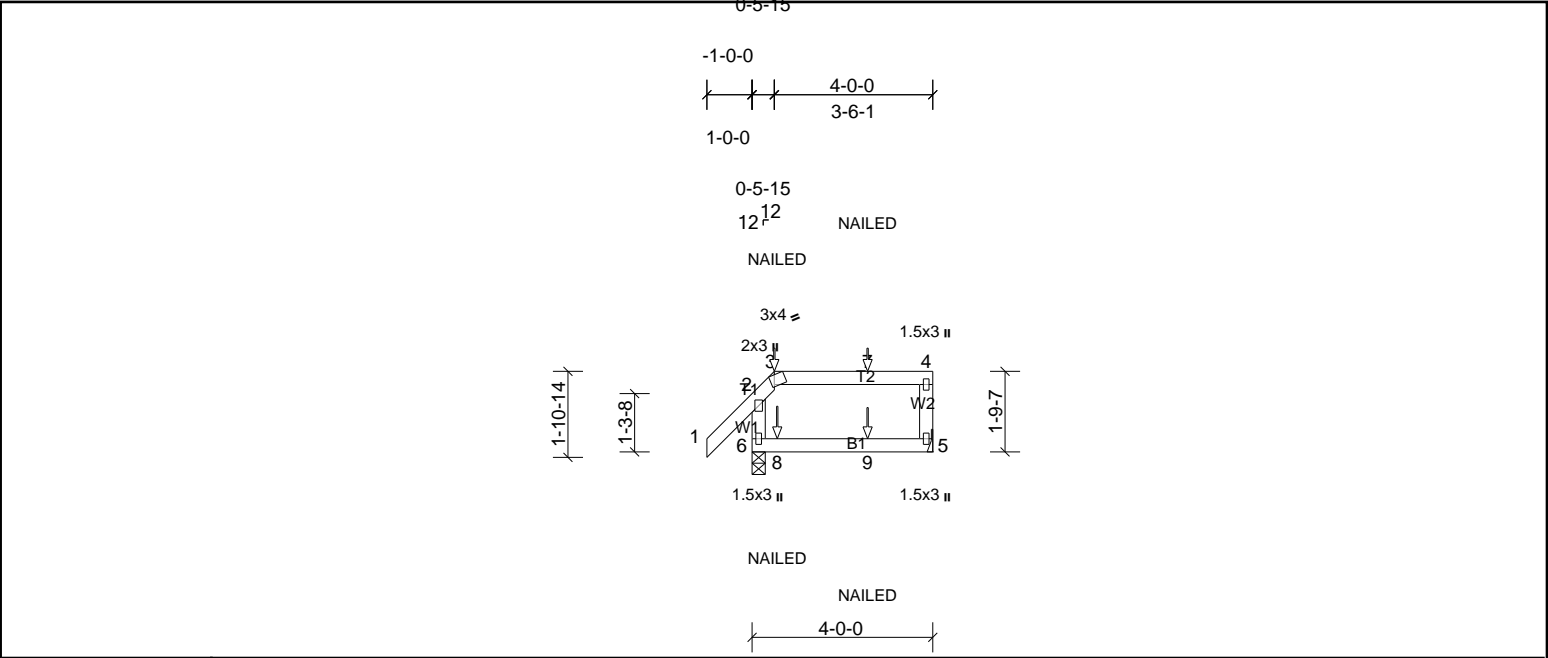


Plate Offsets (X, Y): [3:0-0-11,Edge]

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)	-0.01	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	-0.02	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 18 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end
BOT CHORD	2x4 SP No.2	BOT CHORD	verticals, and 2-0-0 oc purlins: 3-4.
WEBS	2x4 SP No.3		Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS	(lb/size)	5=147/ Mechanical, 6=247/0-3-8, (min. 0-1-8)
Max Horiz	6=77 (LC 7)	
Max Uplift	5=-45 (LC 5), 6=-46 (LC 8)	
Max Grav	5=155 (LC 20), 6=247 (LC 1)	

**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; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
  - Provide adequate drainage to prevent water ponding.
  - 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 46 lb uplift at joint 6 and 45 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.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
  - "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidelines.
  - In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S)	Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15	
Uniform Loads (lb/ft)	
Vert: 1-2=-60, 2-3=-60, 3-4=-60, 5-6=-20	
Concentrated Loads (lb)	
Vert: 3=0 (F), 7=0 (F), 8=-17 (F), 9=-12 (F)	



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<b>LUMBER</b>		<b>BRACING</b>	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end
BOT CHORD	2x4 SP No.2 *Except* B2:2x4 SP No.3		verticals, and 2-0-0 oc purlins: 3-5.
WFRS	2x4 SP No.3	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

**NOTES**

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 47 lb uplift at joint 9 and 44 lb uplift at joint 6.
- 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.
- 8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 9) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidelines.
- 10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (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 - TELFAIR A ROOF
72512342	EJ2	Truss	3	1	Job Reference (optional)

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

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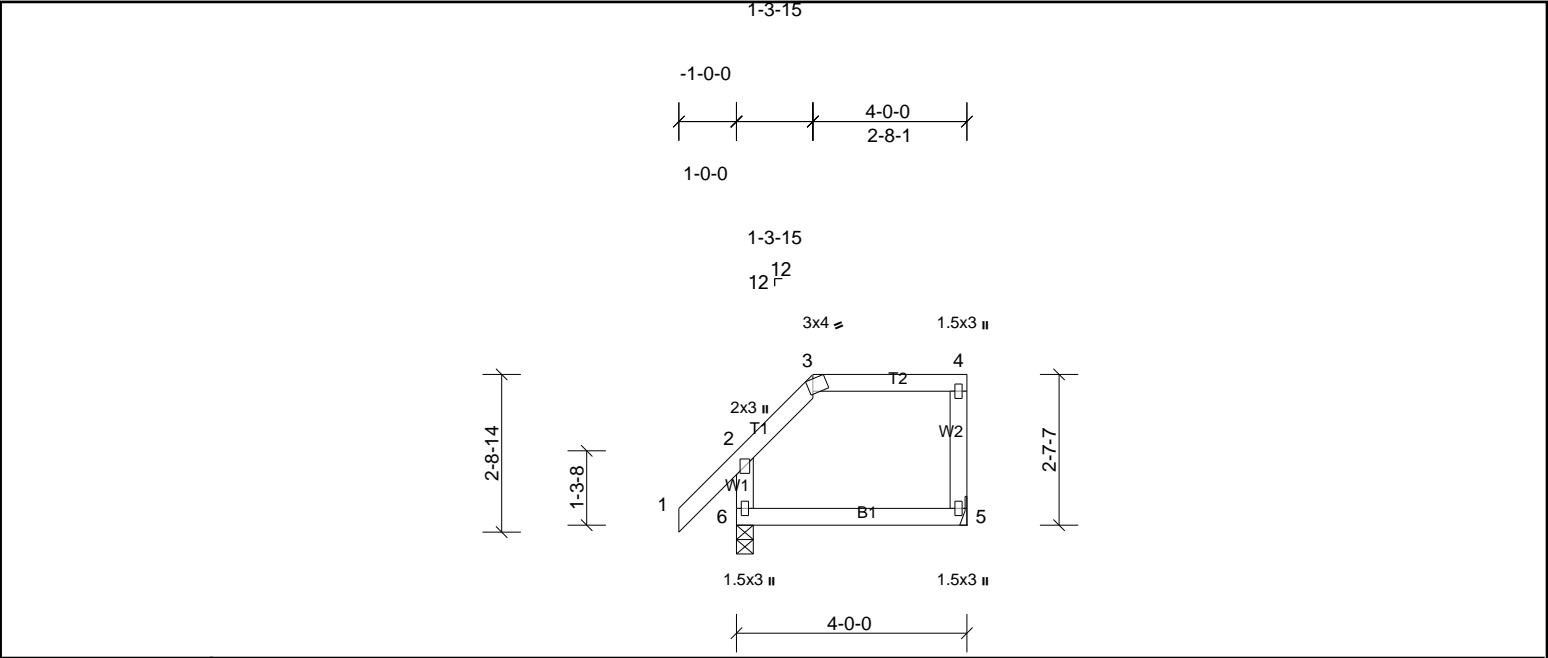


Plate Offsets (X, Y):		[3:0-0-11,Edge]										
<b>Loading</b>	(psf)	<b>Spacing</b>	2-0-0	<b>CSI</b>		<b>DEFL</b>	in	(loc)	I/defl	L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	-0.01	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(CT)	-0.01	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 20 lb	FT = 20%

<b>LUMBER</b>			<b>BRACING</b>		
TOP CHORD	2x4 SP No.2		TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-4. Rigid ceiling directly applied or 10-0-0 oc bracing.	
BOT CHORD	2x4 SP No.2		BOT CHORD		
WEBS	2x4 SP No.3				

<b>REACTIONS</b>	(lb/size)	5=138/ Mechanical, 6=228/0-3-8, (min. 0-1-8)
	Max Horiz	6=110 (LC 7)
	Max Uplift	5=57 (LC 7), 6=33 (LC 10)

**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
  - Provide adequate drainage to prevent water ponding.
  - 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 33 lb uplift at joint 6 and 57 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.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	EJ2T	Truss	1	1	Job Reference (optional)

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

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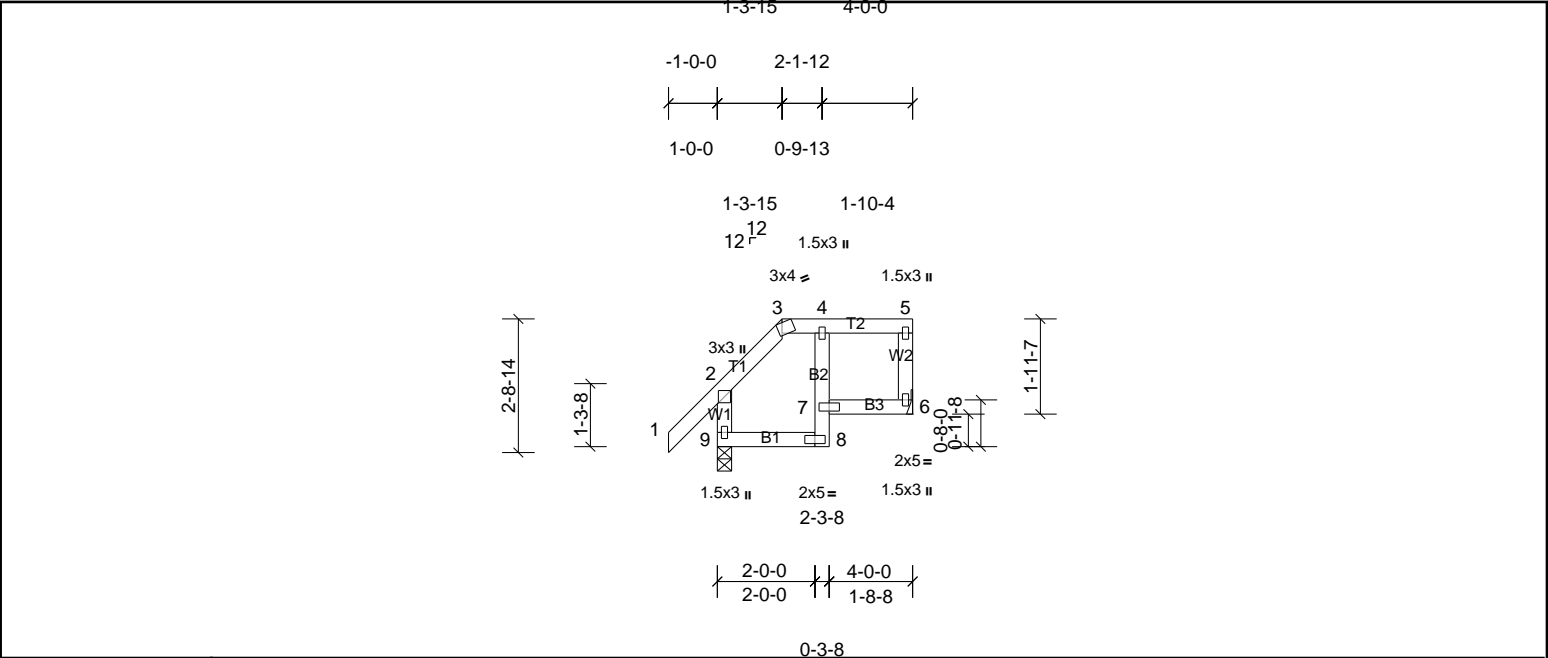


Plate Offsets (X, Y): [3:0-0-11,Edge]

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	0.19	Vert(LL)	0.01	7	>999	240	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	-0.01	7	>999	180	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	6	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							
										Weight: 22 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins, except end
BOT CHORD 2x4 SP No.2 *Except* B2:2x4 SP No.3	verticals, and 2-0-0 oc purlins: 3-5.
WEBS 2x4 SP No.3	Rigid ceiling directly applied or 10-0-0 oc bracing.

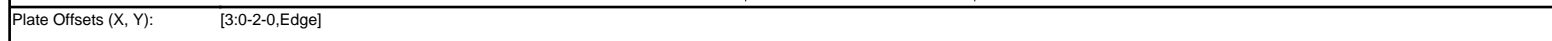
REACTIONS	(lb/size)	6=138/ Mechanical, 9=228/0-3-8, (min. 0-1-8)
	Max Horiz	9=99 (LC 7)
	Max Uplift	6=56 (LC 7), 9=32 (LC 10)

**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
  - Provide adequate drainage to prevent water ponding.
  - 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 32 lb uplift at joint 9 and 56 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.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end
BOT CHORD	2x4 SP No.2		verticals, and 2-0-0 oc purlins: 3-4.
WERS	2x4 SP No. 3	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

- 

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 - TELFAIR A ROOF
72512342	EJ3T	Truss	1	1	Job Reference (optional)

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

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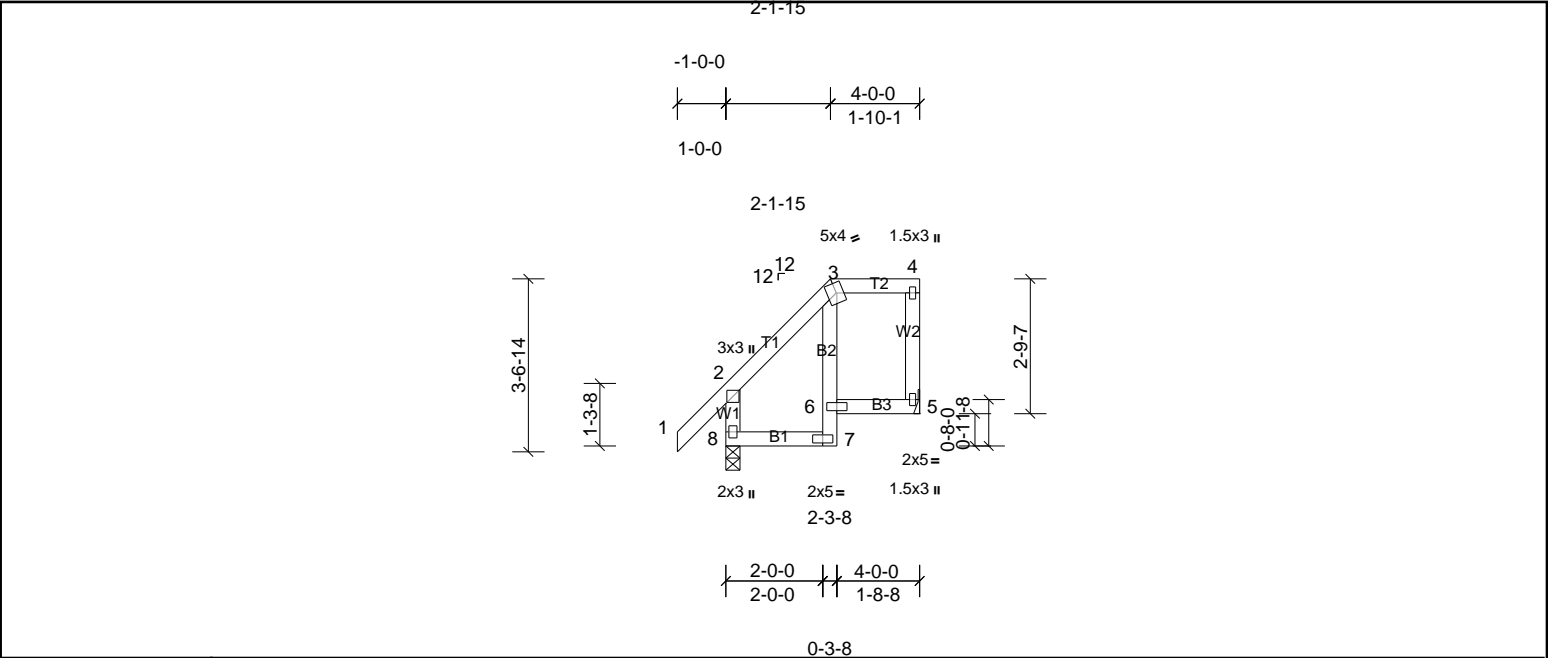


Plate Offsets (X, Y): [3:0-1-12,0-2-8]

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	0.21	Vert(LL)	0.01	3	>999	240	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.11	Vert(CT)	-0.01	3	>999	180	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	5	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR						Weight: 25 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end
BOT CHORD	2x4 SP No.2 *Except* B2:2x4 SP No.3		verticals, and 2-0-0 oc purlins: 3-4.
WEBS	2x4 SP No.3	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS	(lb/size)	5=138/ Mechanical, 8=228/0-3-8, (min. 0-1-8)
	Max Horiz	8=131 (LC 7)
	Max Uplift	5=74 (LC 7), 8=28 (LC 10)

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
  - Provide adequate drainage to prevent water ponding.
  - 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 28 lb uplift at joint 8 and 74 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.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	EJ4	Truss	3	1	Job Reference (optional)

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

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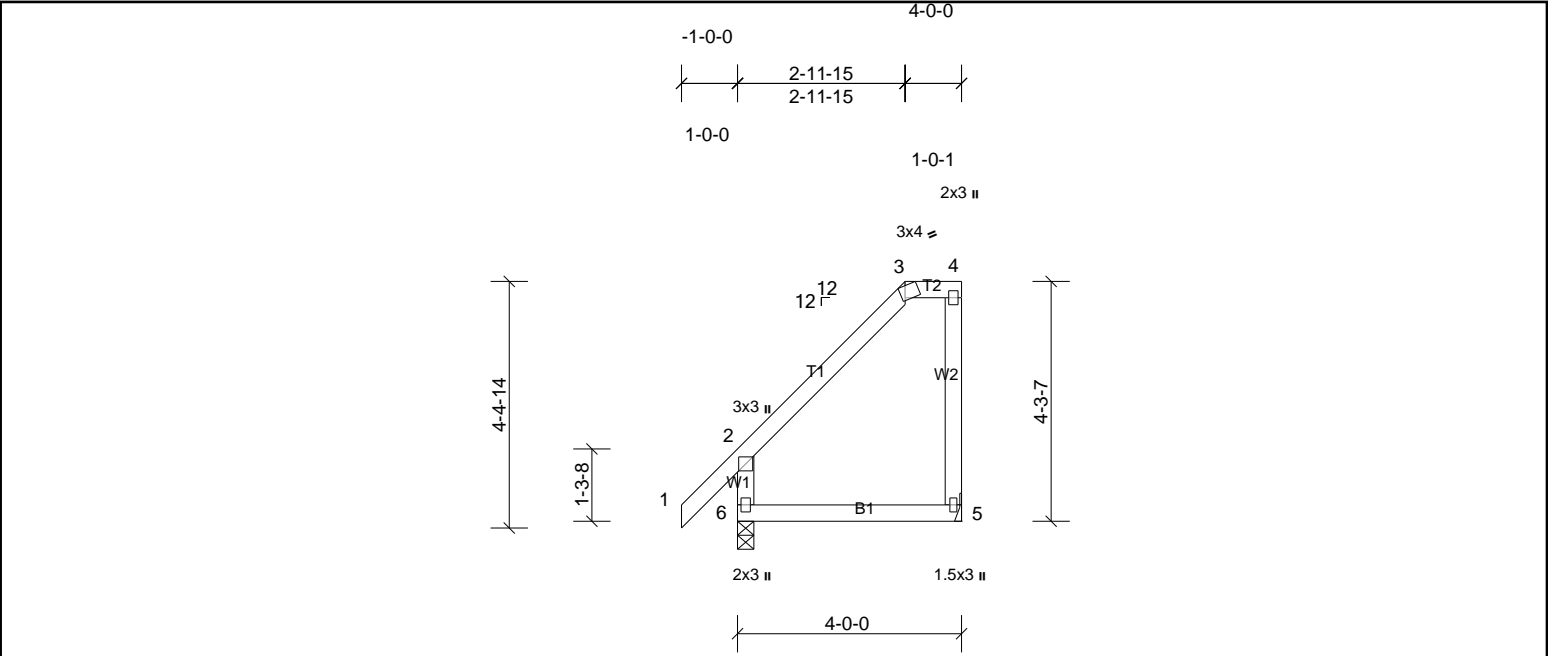


Plate Offsets (X, Y): [3:0-0-11,Edge]

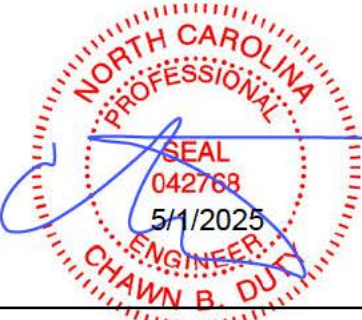
Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.24	Vert(LL)	0.01	5-6	>999	240	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	-0.02	5-6	>999	180	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	5	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							
										Weight: 23 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end
BOT CHORD	2x4 SP No.2	BOT CHORD	verticals, and 2-0-0 oc purlins: 3-4.
WEBS	2x4 SP No.3		Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS	(lb/size)	5=138/ Mechanical, 6=228/0-3-8, (min. 0-1-8)
Max Horiz	6=175 (LC 7)	
Max Uplift	5=98 (LC 7), 6=-17 (LC 10)	
Max Grav	5=157 (LC 17), 6=228 (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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 17 lb uplift at joint 6 and 98 lb uplift at joint 5.
  - 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.
  - 8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.





Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	EJ4T	Truss	1	1	Job Reference (optional)

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

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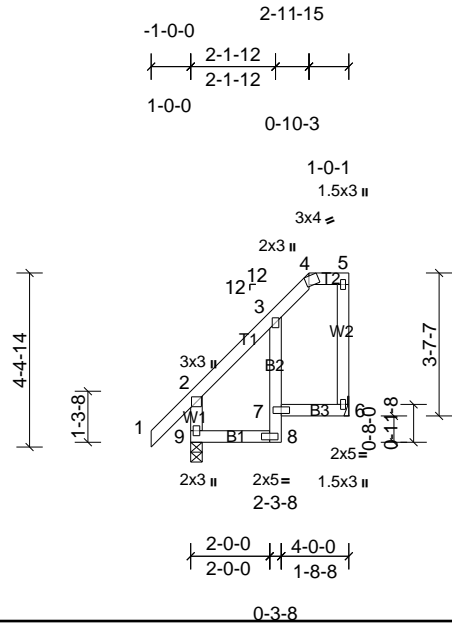


Plate Offsets (X, Y): [4:0-0-11,Edge]

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	0.22	Vert(LL)	0.01	8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.01	8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	6	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 26 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end
BOT CHORD	2x4 SP No.2 *Except* B2:2x4 SP No.3		verticals, and 2-0-0 oc purlins: 4-5.
WEBS	2x4 SP No.3	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS	(lb/size)	6=138/ Mechanical, 9=228/0-3-8, (min. 0-1-8)
	Max Horiz	9=164 (LC 7)
	Max Uplift	6=97 (LC 7), 9=16 (LC 10)
	Max Grav	6=157 (LC 17), 9=228 (LC 1)

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
  - Provide adequate drainage to prevent water ponding.
  - 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 16 lb uplift at joint 9 and 97 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.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



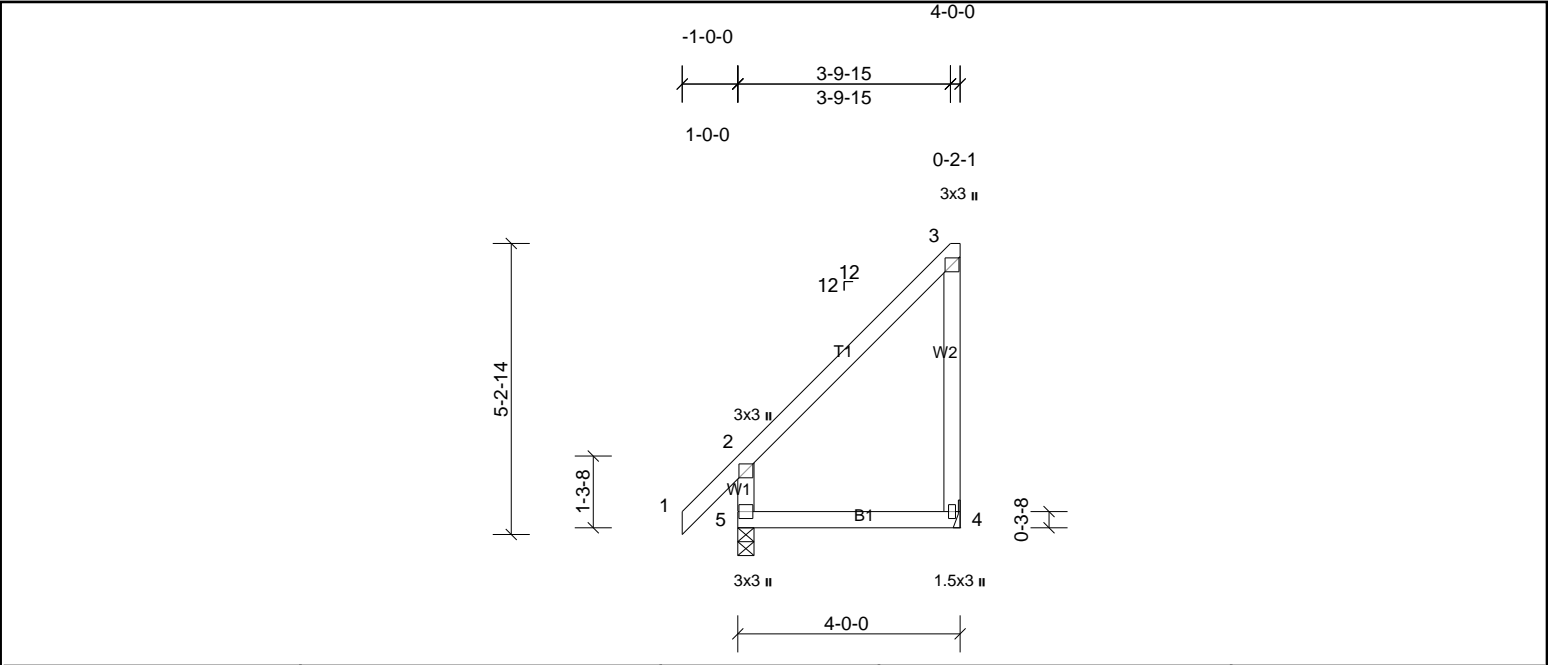
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	EJ5	Truss	3	1	Job Reference (optional)

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

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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	0.29	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.02	4-5	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 25 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 4-0-0 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		

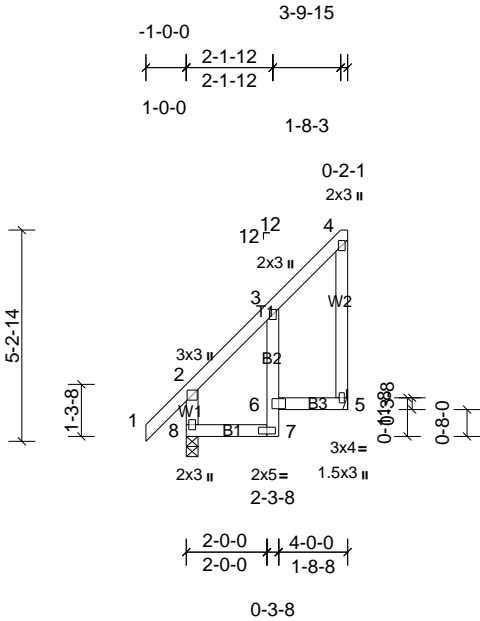
REACTIONS	(lb/size)	4=138/ Mechanical, 5=228/0-3-8, (min. 0-1-8)
	Max Horiz	5=207 (LC 7)
	Max Uplift	4=122 (LC 7), 5=24 (LC 6)
	Max Grav	4=199 (LC 17), 5=257 (LC 18)
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	

- 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
  - 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 24 lb uplift at joint 5 and 122 lb uplift at joint 4.
  - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ TPI 1.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	EJ5T	Truss	1	1	Job Reference (optional)

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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	0.22	Vert(LL)	0.02	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	-0.02	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 28 lb	FT = 20%

LUMBER

TOP CHORD 2x4 SP No.2  
BOT CHORD 2x4 SP No.2 \*Except\* B2:2x4 SP No.3  
WEBS 2x4 SP No.3

REACTIONS

(lb/size) 5=138/ Mechanical, 8=228/0-3-8, (min. 0-1-8)  
Max Horiz 8=196 (LC 7)  
Max Uplift 5=121 (LC 7), 8=22 (LC 6)  
Max Grav 5=199 (LC 17), 8=255 (LC 18)

FORCES

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

NOTES

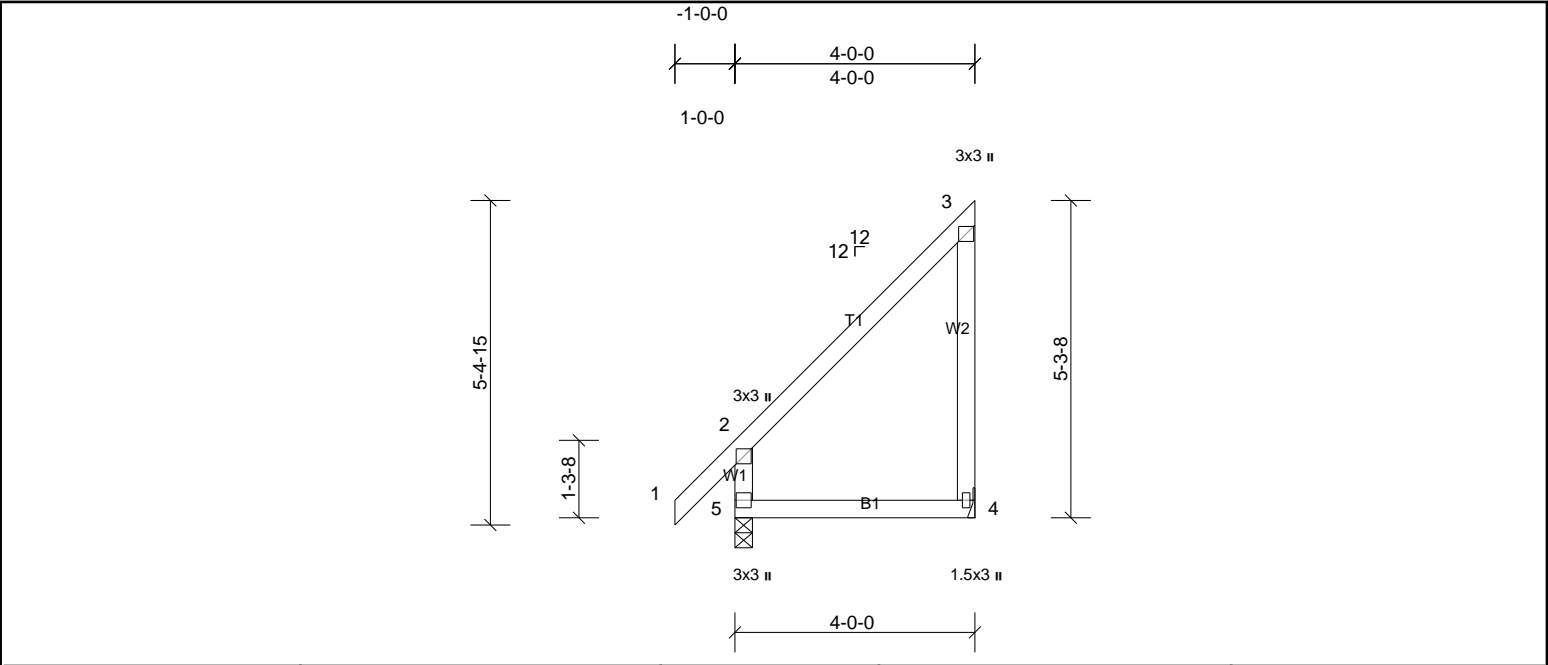
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 22 lb uplift at joint 8 and 121 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.

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals.  
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	EJ6	Truss	18	1	Job Reference (optional)



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	0.29	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.02	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 25 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-0-0 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	

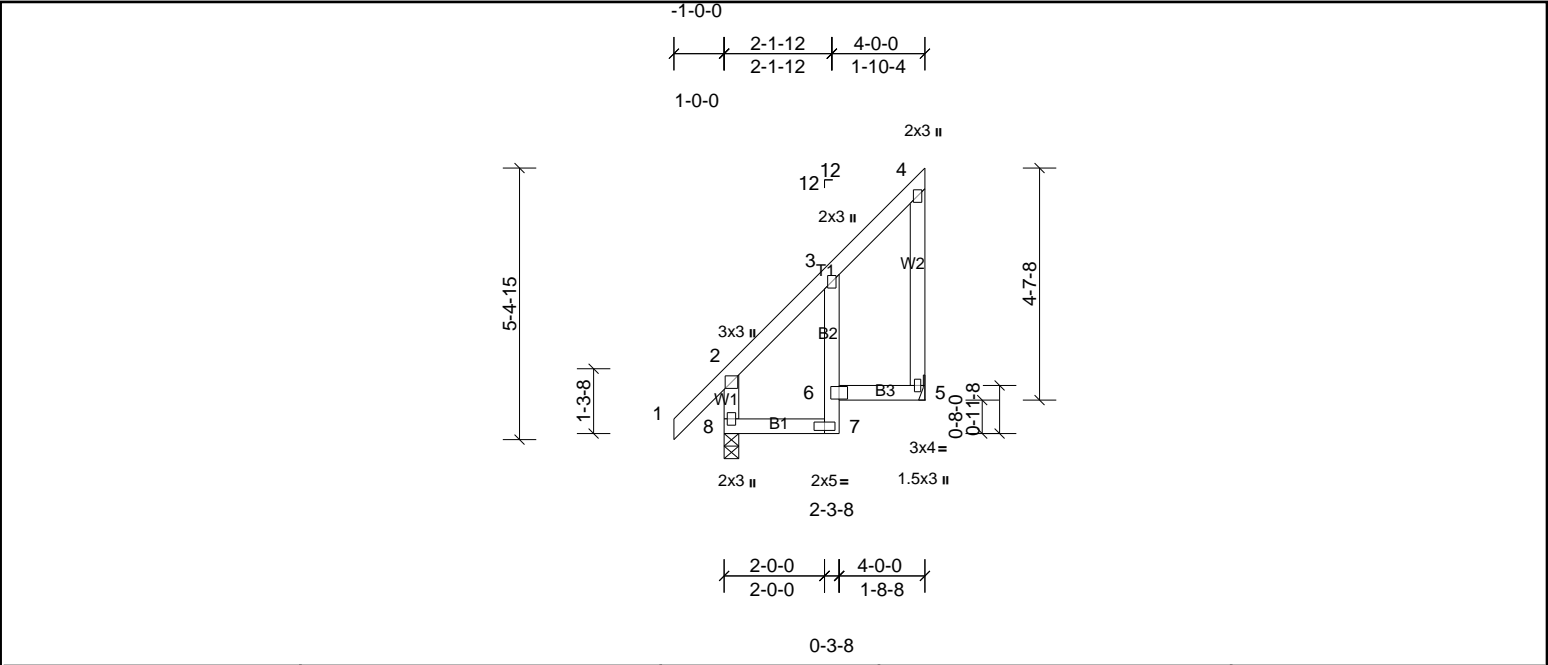
REACTIONS	(lb/size)	4=138/ Mechanical, 5=228/0-3-8, (min. 0-1-8)
	Max Horiz	5=207 (LC 7)
	Max Uplift	4=122 (LC 7), 5=24 (LC 6)
	Max Grav	4=199 (LC 17), 5=257 (LC 18)

**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
  - 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 24 lb uplift at joint 5 and 122 lb uplift at joint 4.
  - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ TPI 1.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	EJ6T	Truss	2	1	Job Reference (optional)



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	0.22	Vert(LL)	0.02	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	-0.02	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR							Weight: 28 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2 *Except* B2:2x4 SP No.3	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS	(lb/size)	5=138/ Mechanical, 8=228/0-3-8, (min. 0-1-8)
Max Horiz	8=196 (LC 7)	
Max Uplift	5=121 (LC 7), 8=22 (LC 6)	
Max Grav	5=199 (LC 17), 8=255 (LC 18)	

**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
  - 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 22 lb uplift at joint 8 and 121 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 - TELFAIR A ROOF
72512342	P1	Truss	5	1	Job Reference (optional)

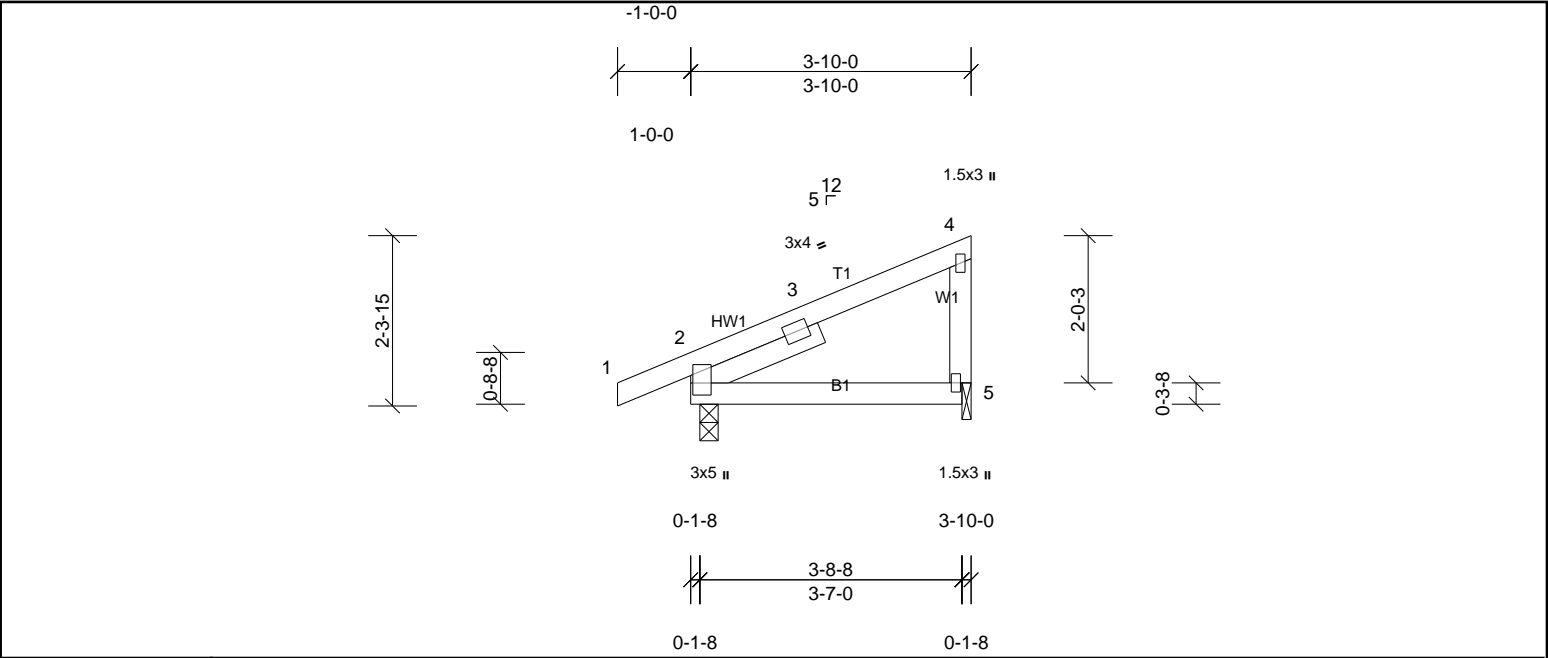


Plate Offsets (X, Y):	[2:0-3-3,0-0-6]
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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	0.02	5-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(CT)	-0.02	5-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 19 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 3-10-0 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=216/0-3-0, (min. 0-1-8), 5=139/0-1-8, (min. 0-1-8)
	Max Horiz	2=87 (LC 9)
	Max Uplift	2=-75 (LC 6), 5=-61 (LC 7)

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; 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 75 lb uplift at joint 2 and 61 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.

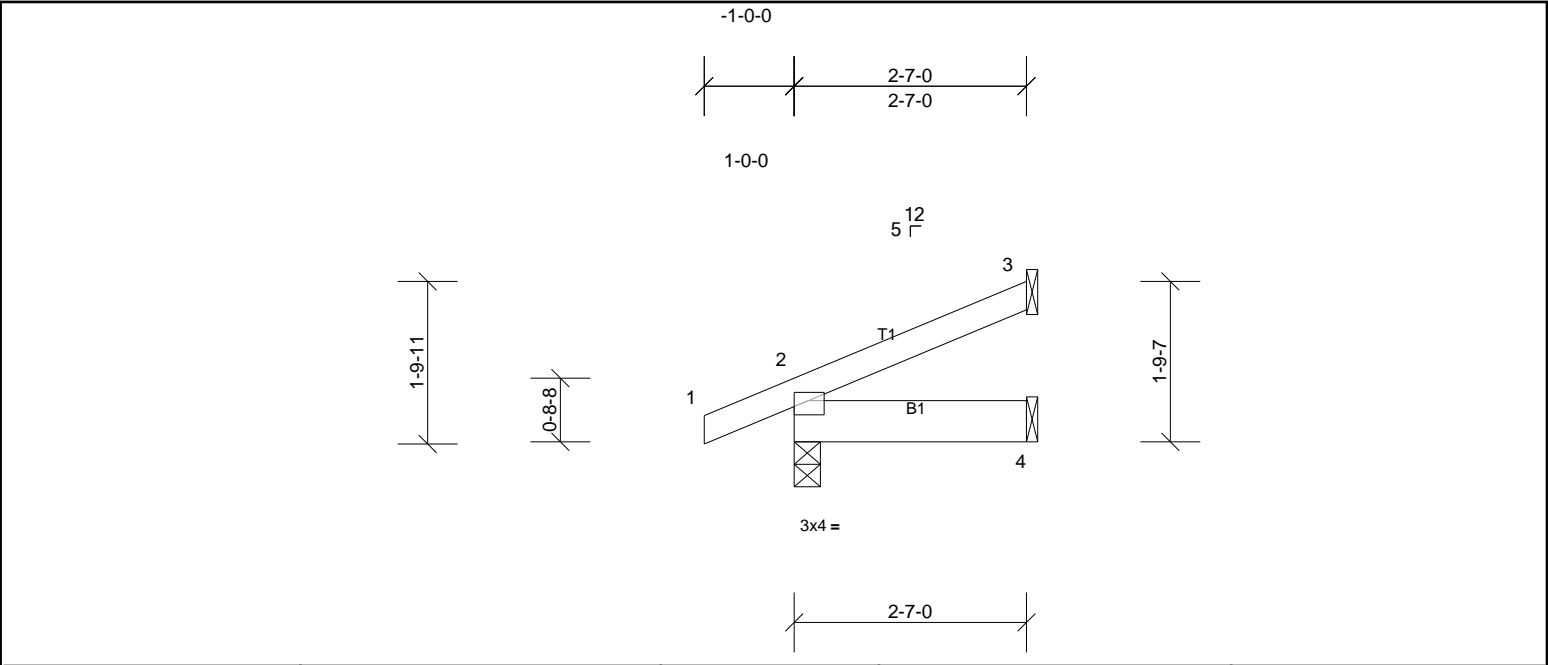


Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	SJ1	Truss	6	1	Job Reference (optional)

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

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	0.00	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	0.00	4-7	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 12 lb	FT = 20%

<b>LUMBER</b>			<b>BRACING</b>	
TOP CHORD	2x4 SP No.2		TOP CHORD	Structural wood sheathing directly applied or 2-7-0 oc purlins.
BOT CHORD	2x6 SP No.2		BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
<b>REACTIONS</b>		(lb/size)	2=173/0-3-8, (min. 0-1-8), 3=57/ Mechanical, 4=32/ Mechanical	
	Max Horiz		2=57 (LC 10)	
	Max Uplift		2=-33 (LC 10), 3=-34 (LC 10)	
	Max Grav		2=173 (LC 1), 3=57 (LC 1), 4=50 (LC 3)	
<b>FORCES</b>		(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.		
<b>NOTES</b>				
1)	Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60			
2)	This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.			
3)	* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.			
4)	Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 34 lb uplift at joint 3 and 33 lb uplift at joint 2.			
5)	This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ TPI 1.			



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.



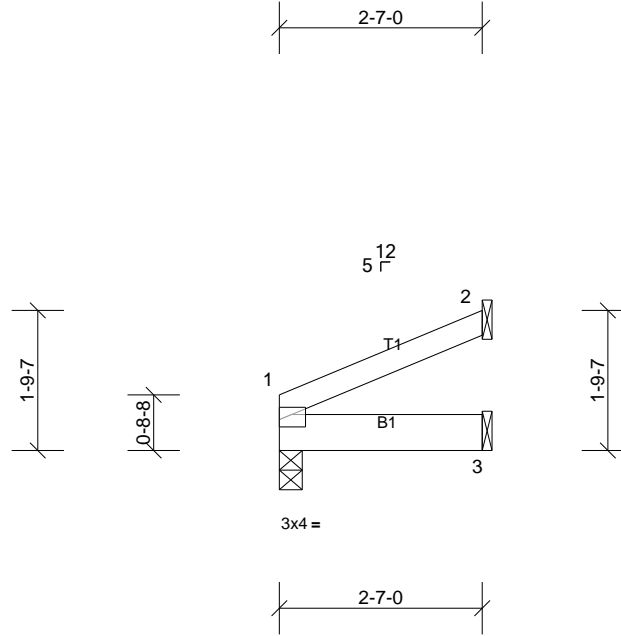
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	SJ2	Truss	2	1	Job Reference (optional)

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

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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	0.07	Vert(LL)	0.00	3-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	0.00	3-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 10 lb	FT = 20%

#### LUMBER

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

#### BRACING

TOP CHORD Structural wood sheathing directly applied or 2-7-0 oc purlins.  
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

#### REACTIONS

(lb/size) 1=101/0-3-8, (min. 0-1-8), 2=60/ Mechanical, 3=40/ Mechanical  
Max Horiz 1=42 (LC 10)  
Max Uplift 1=6 (LC 10), 2=-35 (LC 10)  
Max Grav 1=101 (LC 1), 2=60 (LC 1), 3=53 (LC 3)

#### FORCES

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

#### NOTES

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



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 72512342	Truss V1	Truss Type Truss	Qty 1	Ply 1	MUNGO HOMES - TELFAIR A ROOF Job Reference (optional)
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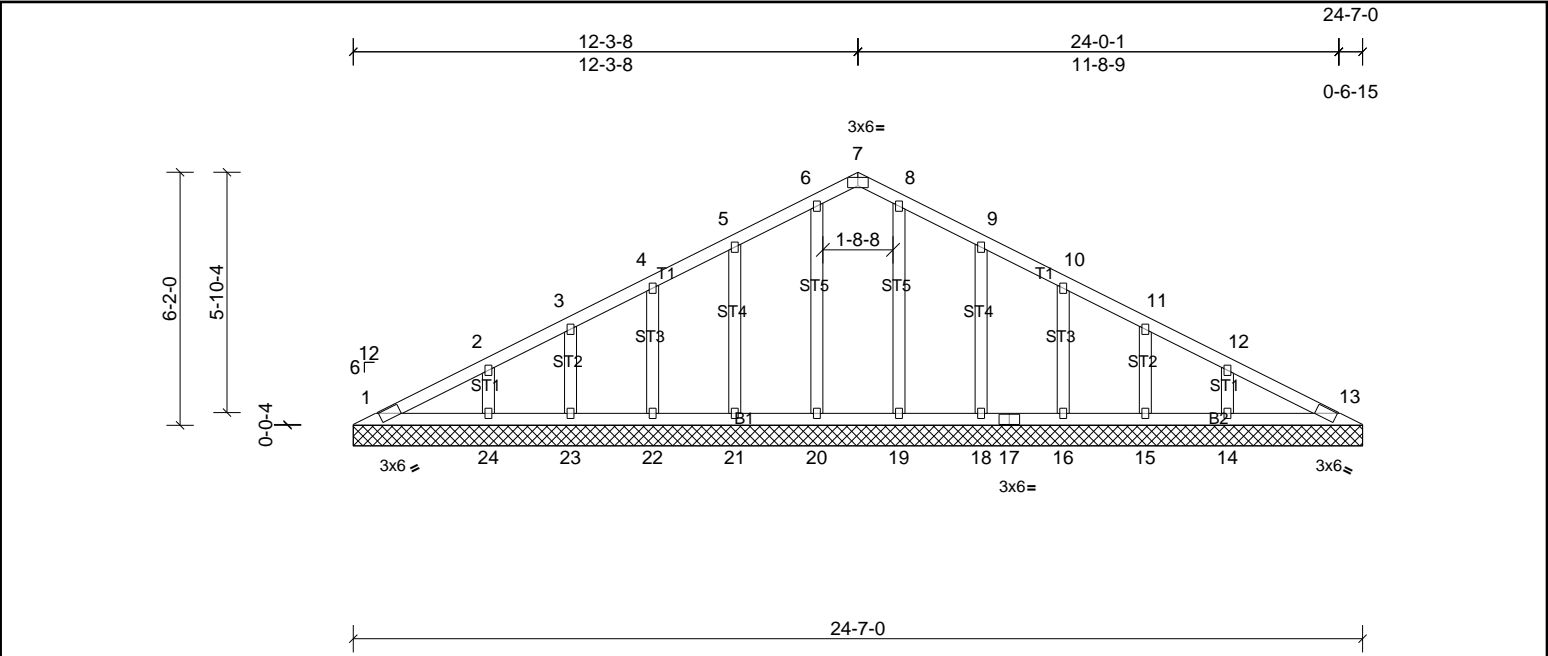


Plate Offsets (X, Y):		[7:0-3-0,Edge]										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horiz(TL)	0.00	13	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 122 lb	FT = 20%

<b>LUMBER</b>		<b>BRACING</b>	
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 10-0-0 oc bracing.
OTHERS	2x4 SP No.3		

<b>REACTIONS</b>		All bearings 24-7-0.
(lb) - Max Horiz	1=102 (LC 14)	
Max Uplift	All uplift 100 (lb) or less at joint(s) 14, 15, 16, 18, 21, 22, 23, 24	
Max Grav	All reactions 250 (lb) or less at joint(s) 1, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24	
<b>FORCES</b>		(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) 0-7-9 to 3-4-0, Interior (1) 3-4-0 to 9-4-0, Exterior (2) 9-4-0 to 15-4-0, Interior (1) 15-4-0 to 21-0-7, Exterior (2) 21-0-7 to 24-0-7 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - All plates are 2x3 (||) MT20 unless otherwise indicated.
  - 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 100 lb uplift at joint(s) 21, 22, 23, 24, 18, 16, 15, 14.
  - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



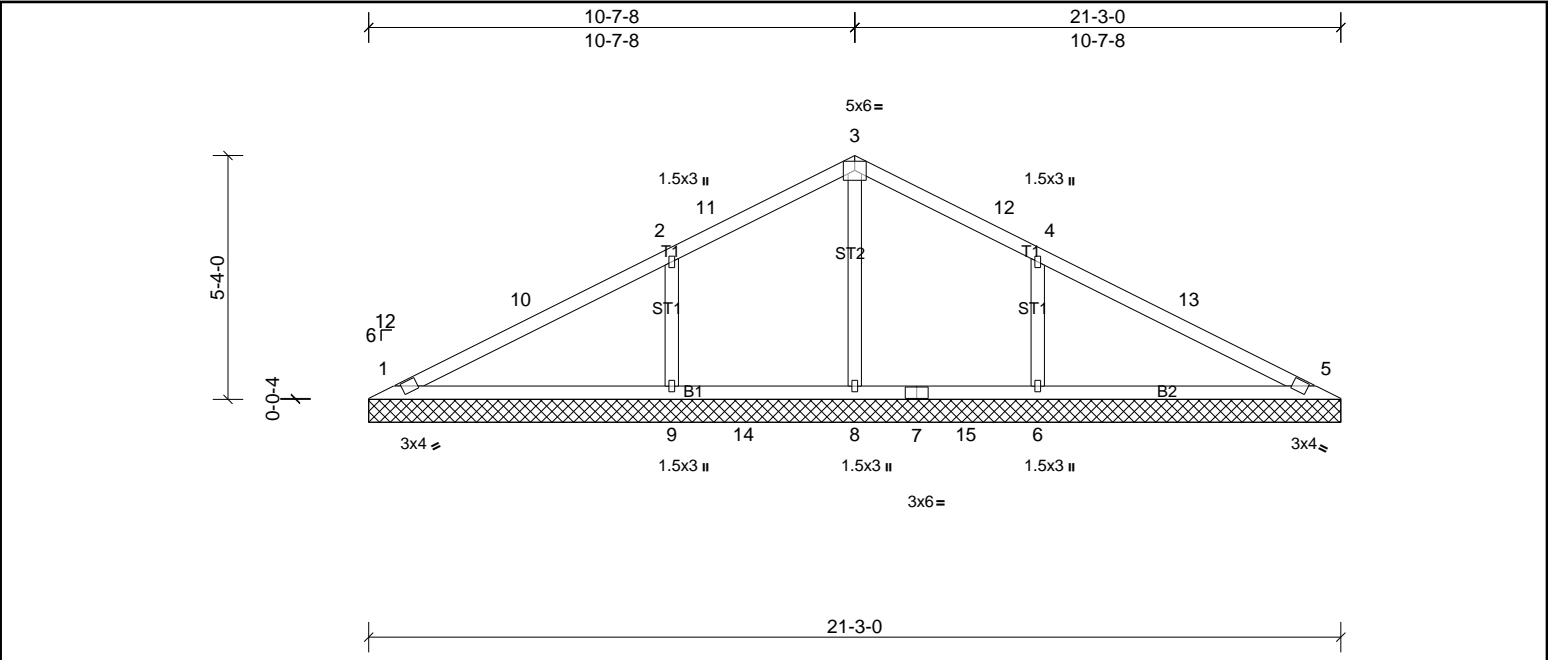
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	V2	Truss	1	1	Job Reference (optional)

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

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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	0.44	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.29	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 80 lb	FT = 20%

<b>LUMBER</b>		<b>BRACING</b>	
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 10'-0"-0 oc bracing.
OTHERS	2x4 SP No.3		
<b>REACTIONS</b>	All bearings 21'-3"-0.		
	(lb) - Max Horiz 1=88 (LC 14)		
	Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=173 (LC 11), 9=173 (LC 10)		
	Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=517 (LC 22), 8=290 (LC 20), 9=517 (LC 21)		
<b>FORCES</b>	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.		
<b>WEBS</b>	2-9=364/221, 4-6=364/220		

- 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) 0-7-9 to 3-7-9, Interior (1) 3-7-9 to 7-8-0, Exterior (2) 7-8-0 to 13-8-0, Interior (1) 13-8-0 to 17-8-7, Exterior (2) 17-8-7 to 20-8-7 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - 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'-0"-0 tall by 2'-0"-0 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, 5 except (jt=lb) 9=173, 6=173.
  - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.





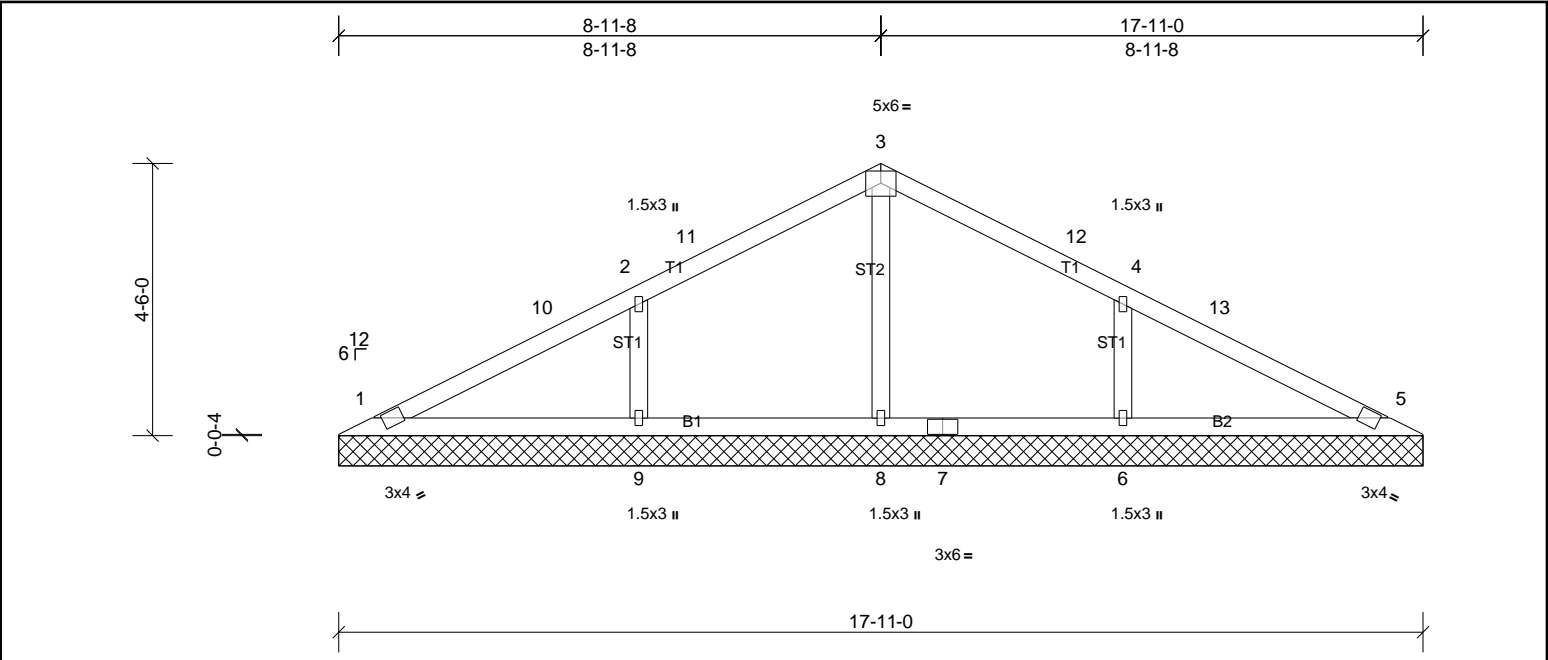
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	V3	Truss	1	1	Job Reference (optional)

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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	0.25	Vert(LL)	n/a	-	n/a	999	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(TL)	n/a	-	n/a	999	
BCLL	0.0*	Rep Stress Incr	YES	WB	0.07	Horiz(TL)	0.00	5	n/a	n/a	
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							
										Weight: 66 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 10-0-0 oc bracing.
OTHERS	2x4 SP No.3		

REACTIONS	All bearings 17-11-0.
(lb) - Max Horiz	1=73 (LC 10)
Max Uplift	All uplift 100 (lb) or less at joint(s) 1, 5 except 6=139 (LC 11), 9=139 (LC 10)
Max Grav	All reactions 250 (lb) or less at joint(s) 1, 5, 8 except 6=404 (LC 22), 9=404 (LC 21)

FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS	2-9=294/180, 4-6=294/180

- 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) 0-7-9 to 3-7-9, Interior (1) 3-7-9 to 6-0-0, Exterior (2) 6-0-0 to 12-0-0, Interior (1) 12-0-0 to 14-4-7, Exterior (2) 14-4-7 to 17-4-7 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - 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 100 lb uplift at joint(s) 1, 5 except (jt=lb) 9=138, 6=138.
  - 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.



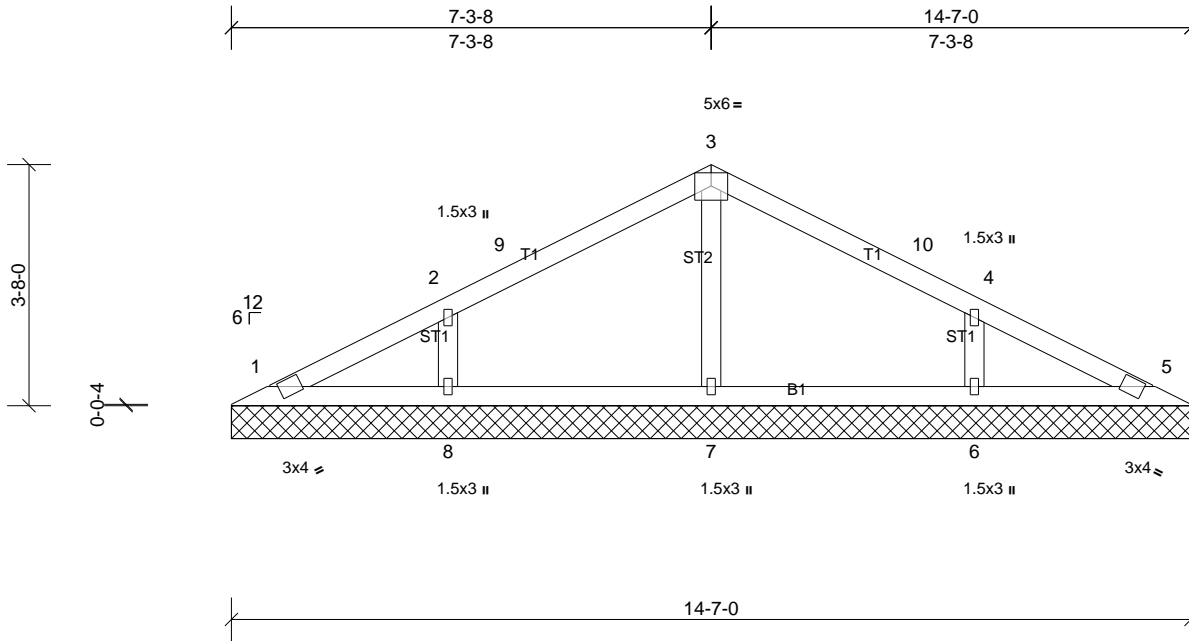
Job 72512342	Truss V4	Truss Type Truss	Qty 1	Ply 1	MUNGO HOMES - TELFAIR A ROOF Job Reference (optional)
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Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	n/a	-	n/a	999	244/190
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: 52 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 14-7-0.  
(lb) - Max Horiz 1=59 (LC 10)  
Max Uplift All uplift 100 (lb) or less at joint(s) 1 except 6=113 (LC 11), 8=113 (LC 10)  
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=320 (LC 22), 7=282 (LC 1), 8=320 (LC 21)

#### 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) 0-7-9 to 3-4-0, Interior (1) 3-4-0 to 4-4-0, Exterior (2) 4-4-0 to 10-4-0, Interior (1) 10-4-0 to 11-0-7, Exterior (2) 11-0-7 to 14-0-7 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 100 lb uplift at joint(s) 1 except (jt=lb) 8=113, 6=113.
- 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.



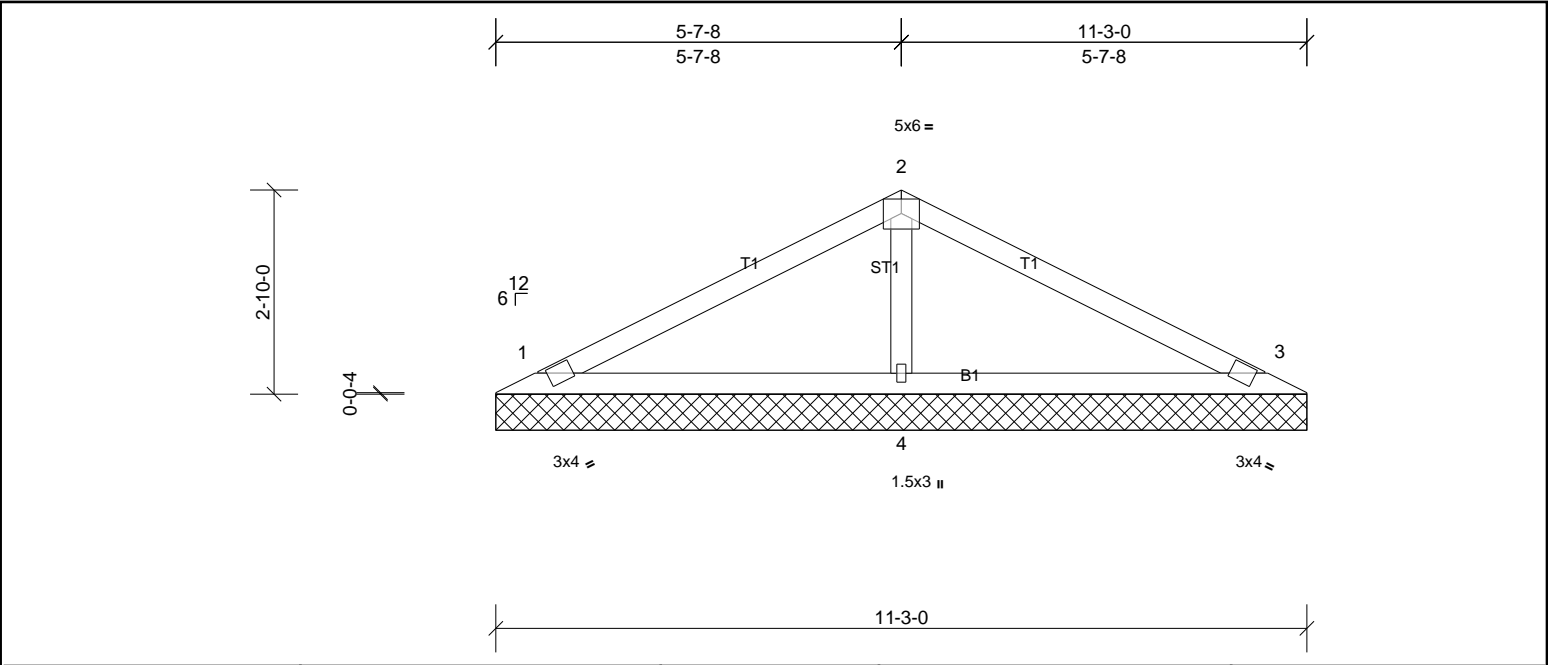
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72512342	V5	Truss	1	1	Job Reference (optional)

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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	0.32	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	0.06	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 37 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 10-0-0 oc bracing.
OTHERS 2x4 SP No.3	

REACTIONS	(lb/size)	1=180/11-3-0, (min. 0-1-8), 3=180/11-3-0, (min. 0-1-8), 4=445/11-3-0, (min. 0-1-8)
	Max Horiz	1=-44 (LC 11)
	Max Uplift	1=-39 (LC 10), 3=-47 (LC 11), 4=-32 (LC 10)
	Max Grav	1=184 (LC 21), 3=184 (LC 22), 4=445 (LC 1)

FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS	2-4=-277/145

- 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 39 lb uplift at joint 1, 47 lb uplift at joint 3 and 32 lb uplift at joint 4.
  - 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 72512342	Truss V6	Truss Type Truss	Qty 1	Ply 1	MUNGO HOMES - TELFAIR A ROOF Job Reference (optional)
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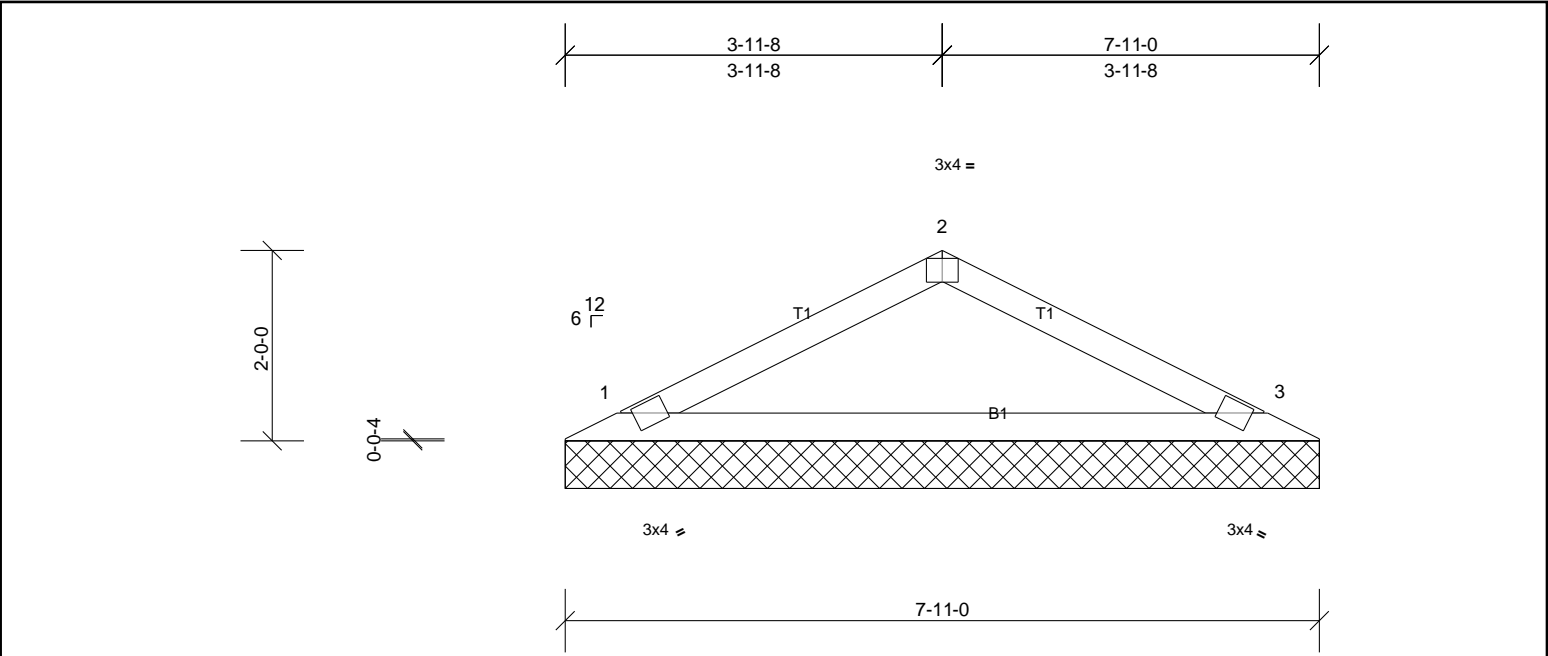


Plate Offsets (X, Y): [2:0-2-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.25	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.34	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: 23 lb	FT = 20%

<b>LUMBER</b>		<b>BRACING</b>	
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 10-0-0 oc bracing.
<b>REACTIONS</b>	(lb/size)	1=270/7-11-0, (min. 0-1-8), 3=270/7-11-0, (min. 0-1-8)	
	Max Horiz	1=30 (LC 11)	
	Max Uplift	1=37 (LC 10), 3=37 (LC 11)	
<b>FORCES</b>	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.		
TOP CHORD	1-2=-311/161, 2-3=-311/161		
BOT CHORD	1-3=-87/257		

- 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.
  - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint 1 and 37 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.



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 72512342	Truss V7	Truss Type Truss	Qty 1	Ply 1	MUNGO HOMES - TELFAIR A ROOF Job Reference (optional)
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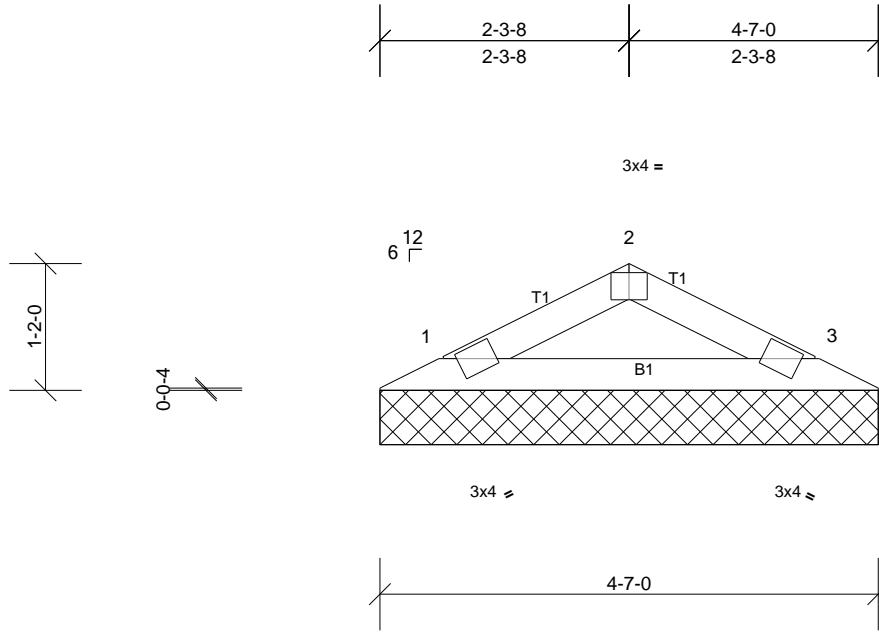


Plate Offsets (X, Y): [2:0-2-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.05	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	0.00	Horiz(TL)	0.00	3	n/a	n/a	Weight: 13 lb
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-P							FT = 20%

#### LUMBER

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

**REACTIONS** (lb/size) 1=136/4-7-0, (min. 0-1-8), 3=136/4-7-0, (min. 0-1-8)  
Max Horiz 1=-15 (LC 11)  
Max Uplift 1=-19 (LC 10), 3=-19 (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 19 lb uplift at joint 1 and 19 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 4-8-0 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.

