Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	A1	Truss	1	2	Job Reference (optional)

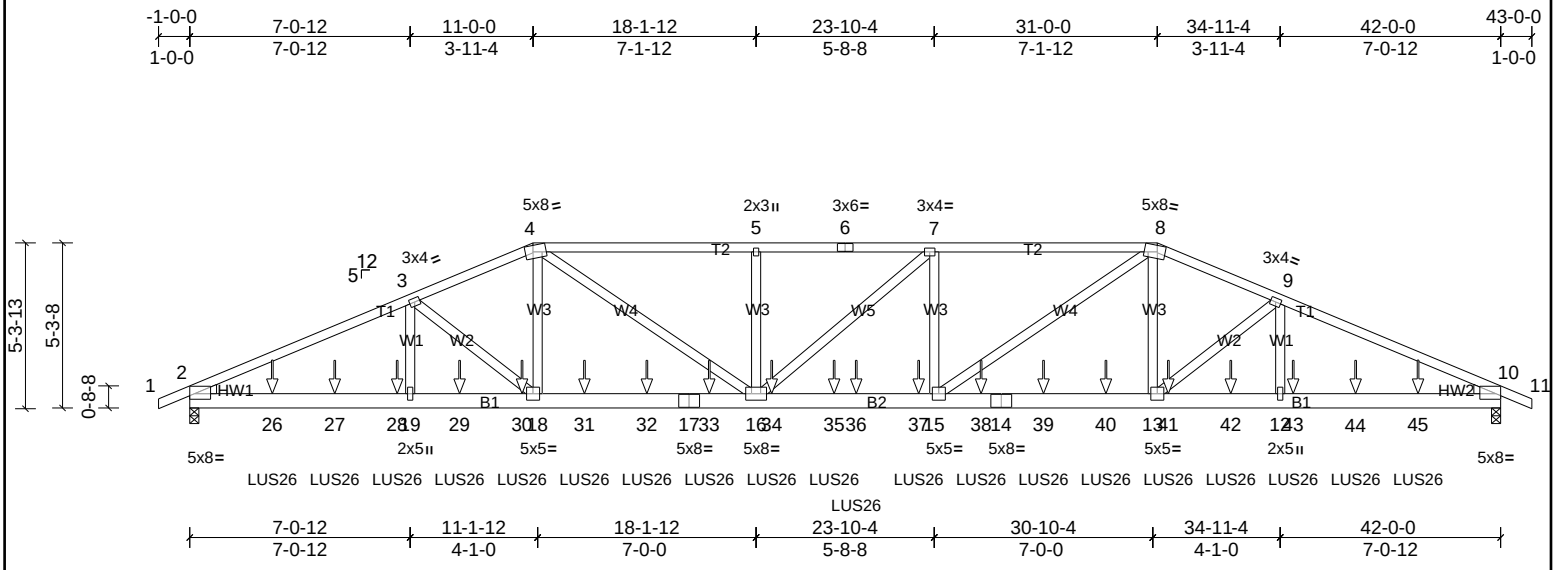


Plate Offsets (X, Y): [2:Edge,0-1-6], [4:0-3-0,0-2-8], [8:0-3-0,0-2-8], [10:Edge,0-1-6]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.99	Vert(LL)	0.41	15-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.76	Vert(CT)	-0.49	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.36	Horz(CT)	0.10	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MSH							Weight: 507 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2 *Except* T2:2x4 SP No.1
BOT CHORD	2x6 SP No.1 *Except* B2:2x6 SP No.2
WEBS	2x4 SP No.3
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-1-14 oc purlins, except 2-0-0 oc purlins (4-2-11 max.): 4-8.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 9-11-9 oc bracing: 16-18 8-6-13 oc bracing: 15-16.

REACTIONS (lb/size) 2=2934/0-3-8, (min. 0-2-5), 10=2934/0-3-8, (min. 0-2-5)
Max Horiz 2=87 (LC 8)
Max Uplift 2=-1372 (LC 4), 10=-1372 (LC 5)

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

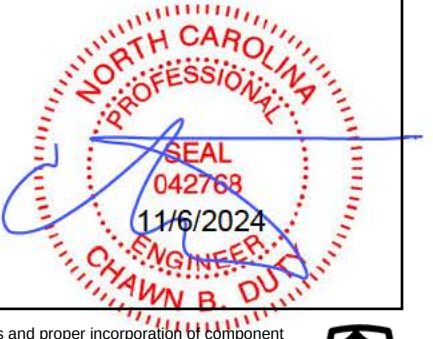
TOP CHORD	2-3=-5766/2890, 3-4=-5519/2937, 4-5=-6527/3566, 5-6=-6527/3566, 6-7=-6527/3566, 7-8=-6532/3570, 8-9=-5518/2936, 9-10=-5766/2890
BOT CHORD	2-26=-2602/5272, 26-27=-2602/5272, 27-28=-2602/5272, 19-28=-2602/5272, 19-29=-2602/5272, 29-30=-2602/5272, 18-30=-2602/5272, 18-31=-2611/5200, 31-32=-2611/5200, 17-32=-2611/5200, 17-33=-2611/5200, 16-33=-2611/5200, 16-34=-3434/6616, 34-35=-3434/6616, 35-36=-3434/6616, 36-37=-3434/6616, 15-37=-3434/6616, 15-38=-2594/5133, 14-38=-2594/5133, 14-39=-2594/5133, 39-40=-2594/5133, 13-40=-2594/5133, 13-41=-2582/5227, 41-42=-2582/5227, 12-42=-2582/5227, 12-43=-2582/5227, 43-44=-2582/5227, 44-45=-2582/5227, 10-45=-2582/5227
WEBS	3-18=-353/289, 4-18=-492/889, 4-16=-1013/1822, 5-16=-398/195, 7-15=-454/199, 8-15=-1019/1831, 8-13=-490/885, 9-13=-356/289

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) 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.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Use Simpson Strong-Tie LUS26 (4-10d Girder, 3-10d Truss, Single Ply Girder) or equivalent spaced at 4-0-0 oc max. starting at 2-7-12 from the left end to 31-4-4 to connect truss(es) to back face of bottom chord.
11) Use Simpson Strong-Tie LUS26 (4-10d Girder, 3-10d Truss, Single Ply Girder) or equivalent at 16-7-12 from the left end to connect truss(es) to back face of bottom chord, skewed 0.0 deg.to the right, sloping 0.0 deg. down.
12) Use Simpson Strong-Tie LUS26 (4-10d Girder, 3-10d Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 33-4-4 from the left end to 39-4-4 to connect truss(es) to back face of bottom chord.
13) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-4=-60, 4-8=-60, 8-11=-60, 20-23=-20
Concentrated Loads (lb)



Continued on page 2

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	A1	Truss	1	**2**	Job Reference (optional)

Vert: 26=-135 (B), 27=-118 (B), 28=-118 (B), 29=-118 (B), 30=-118 (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=-135 (B

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	A2	Truss	1	1	Job Reference (optional)

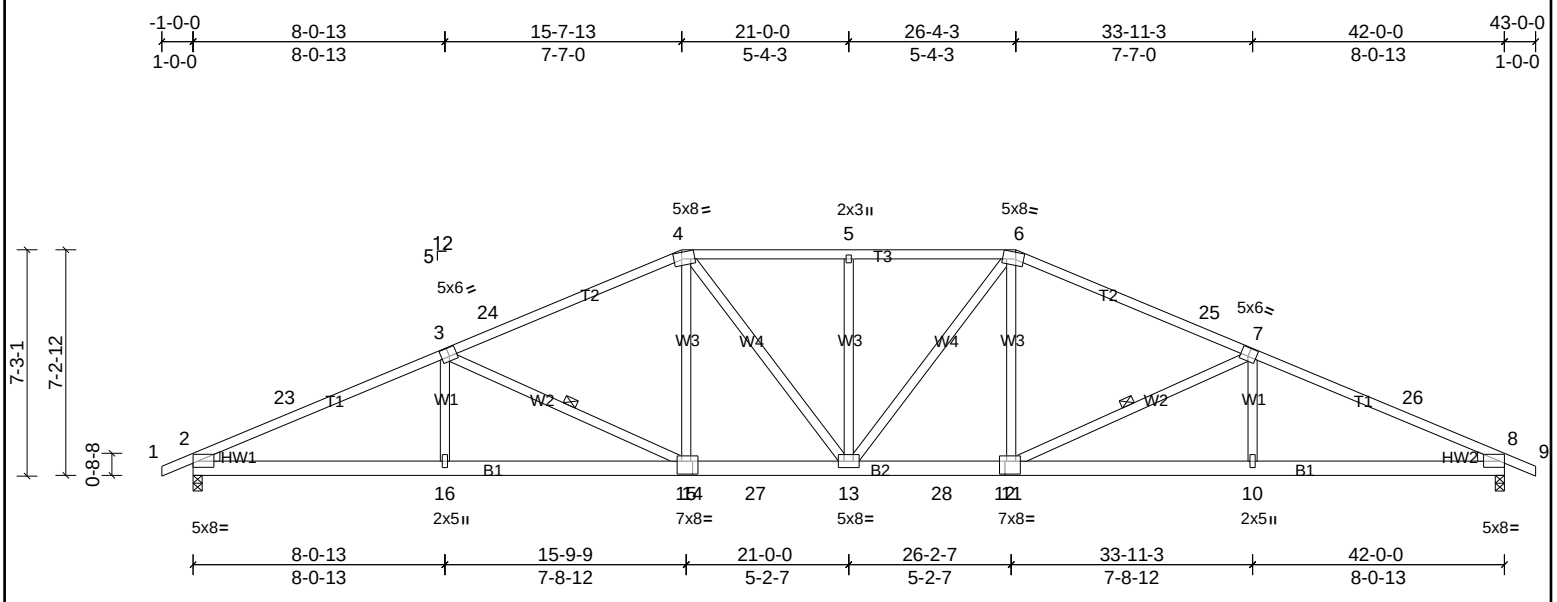


Plate Offsets (X, Y): [2:Edge,0-1-10], [3:0-3-0,0-3-4], [4:0-3-0,0-2-8], [6:0-3-0,0-2-8], [7:0-3-0,0-3-4], [8:Edge,0-1-10], [11:0-1-12,0-5-0], [14:0-1-12,0-5-0]

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	0.84	Vert(LL)	-0.23	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.81	Vert(CT)	-0.43	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.12	8	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MSH							Weight: 257 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied, except 2-0-0 oc purlins (3-1-1 max.): 4-6.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 3-15, 7-11

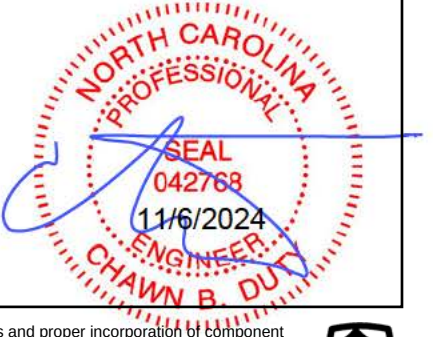
REACTIONS (lb/size) 2=1740/0-3-8, (min. 0-2-15), 8=1740/0-3-8, (min. 0-2-15)
Max Horiz 2=121 (LC 10)
Max Uplift 2=-213 (LC 10), 8=-213 (LC 11)
Max Grav 2=1865 (LC 2), 8=1865 (LC 2)

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

TOP CHORD	2-23=-4095/493, 3-23=-4012/526, 3-24=-3368/477, 4-24=-3290/508, 4-5=-3240/538, 5-6=-3240/538, 6-25=-3290/508, 7-25=-3368/477, 7-26=-4012/526, 8-26=-4095/493
BOT CHORD	2-16=-380/3685, 15-16=-383/3682, 14-15=-249/2993, 14-27=-249/2993, 13-27=-249/2993, 13-28=-249/2993, 12-28=-249/2993, 11-12=-249/2993, 10-11=-383/3682, 8-10=-380/3685
WEBS	3-15=-782/256, 4-15=-32/673, 4-13=-77/401, 5-13=-344/164, 6-13=-77/401, 6-11=-32/673, 7-11=-782/256

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) -1-0-0 to 3-2-6, Interior (1) 3-2-6 to 9-8-8, Exterior(2R) 9-8-8 to 32-3-8, Interior (1) 32-3-8 to 38-9-10, Exterior(2E) 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 213 lb uplift at joint 2 and 213 lb uplift at joint 8.
7) 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
72434959	A3	Truss	1	1	Job Reference (optional)

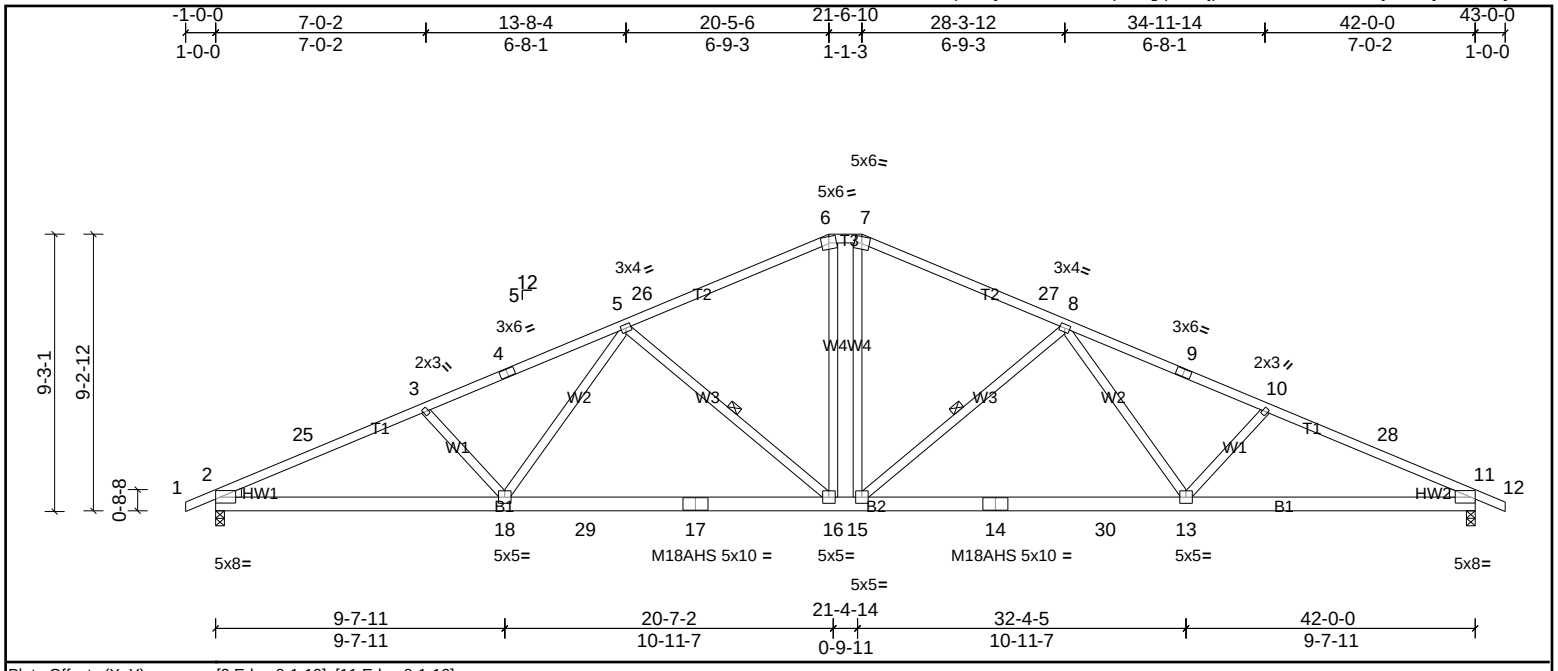


Plate Offsets (X, Y): [2:Edge,0-1-10], [11:Edge,0-1-10]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.76	Vert(LL)	-0.33	13-15	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.94	Vert(CT)	-0.59	13-15	>848	180	M18AHS	186/179
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.13	11	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MSH							Weight: 255 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (3-6-2 max.): 6-7.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 5-16, 8-15

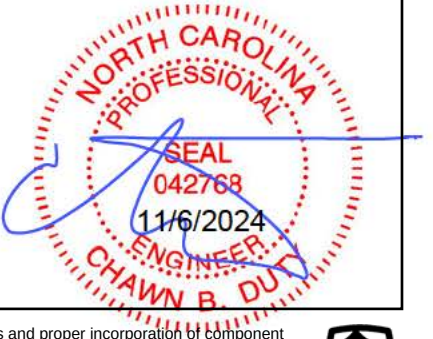
REACTIONS (lb/size) 2=1740/0-3-8, (min. 0-2-15), 11=1740/0-3-8, (min. 0-2-15)
Max Horiz 2=-156 (LC 15)
Max Uplift 2=-254 (LC 10), 11=-254 (LC 11)
Max Grav 2=1890 (LC 2), 11=1890 (LC 2)

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

TOP CHORD	2-25=-4206/448, 3-25=-4127/476, 3-4=-3968/436, 4-5=-3910/455, 5-26=-2869/394, 6-26=-2796/422, 6-7=-2607/426, 7-27=-2796/422, 8-27=-2869/394, 8-9=-3910/455, 9-10=-3968/436, 10-28=-4127/476, 11-28=-4206/448
BOT CHORD	2-18=-505/3792, 18-29=-335/3188, 17-29=-335/3188, 16-17=-335/3188, 15-16=-109/2511, 14-15=-252/3188, 14-30=-252/3188, 13-30=-252/3188, 11-13=-350/3792
WEBS	3-18=-351/222, 5-18=-47/675, 5-16=-916/299, 6-16=-95/864, 7-15=-95/864, 8-15=-916/299, 8-13=-48/675, 10-13=-351/222

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) -1-0-0 to 3-2-6, Interior (1) 3-2-6 to 14-6-2, Exterior(2R) 14-6-2 to 27-5-14, Interior (1) 27-5-14 to 38-9-10, Exterior (2E) 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) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 254 lb uplift at joint 2 and 254 lb uplift at joint 11.
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
72434959	A4	Truss	4	1	Job Reference (optional)

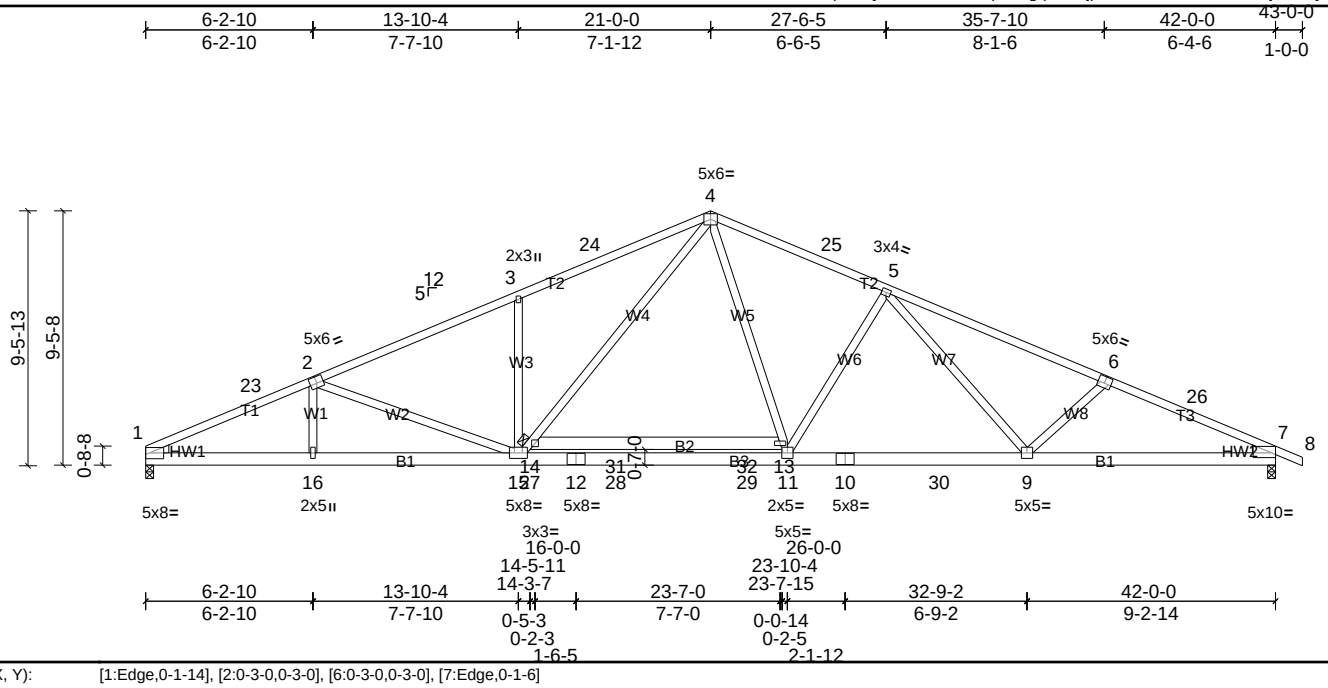


Plate Offsets (X, Y): [1:Edge,0-1-14], [2:0-3-0,0-3-0], [6:0-3-0,0-3-0], [7:Edge,0-1-6]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	1.00	Vert(LL)	-0.43	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.91	Vert(CT)	-0.77	13-14	>652	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.13	7	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MSH							Weight: 274 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP SS *Except* T1,T3:2x4 SP No.2
BOT CHORD	2x6 SP SS *Except* B3,B2:2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W5:2x4 SP No.2
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2

BRACING

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

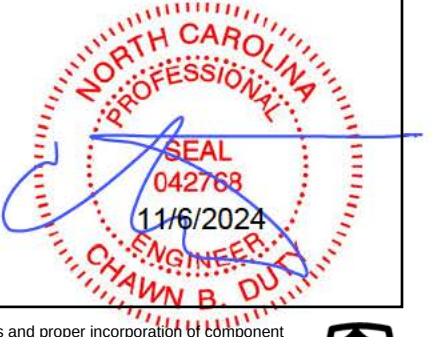
REACTIONS (lb/size) 1=1783/0-3-8, (min. 0-3-4), 7=1826/0-3-8, (min. 0-3-4)
Max Horiz 1=-167 (LC 11)
Max Uplift 1=-173 (LC 10), 7=-207 (LC 11)
Max Grav 1=2060 (LC 2), 7=2089 (LC 2)

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

TOP CHORD	1-23=-4653/338, 2-23=-4547/352, 2-3=-4225/330, 3-24=-4280/428, 4-24=-4203/448, 4-25=-3569/373, 5-25=-3642/346, 5-6=-4415/371, 6-26=-4579/401, 7-26=-4685/375
BOT CHORD	1-16=-384/4218, 15-16=-386/4219, 15-27=-21/2931, 12-27=-21/2931, 12-28=-21/2931, 28-29=-21/2931, 11-29=-21/2931, 10-11=-153/3590, 10-30=-153/3590, 9-30=-153/3590, 7-9=-281/4246
WEBS	3-15=-520/287, 14-15=-311/1394, 4-14=-249/1642, 4-13=-102/1408, 11-13=-162/1164, 5-11=-763/304, 5-9=-76/585, 6-9=-402/255, 2-15=-455/215

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-0-0 to 4-2-6, Interior (1) 4-2-6 to 16-9-10, Exterior(2R) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2E) 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 173 lb uplift at joint 1 and 207 lb uplift at joint 7.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	A4S	Truss	1	1	Job Reference (optional)

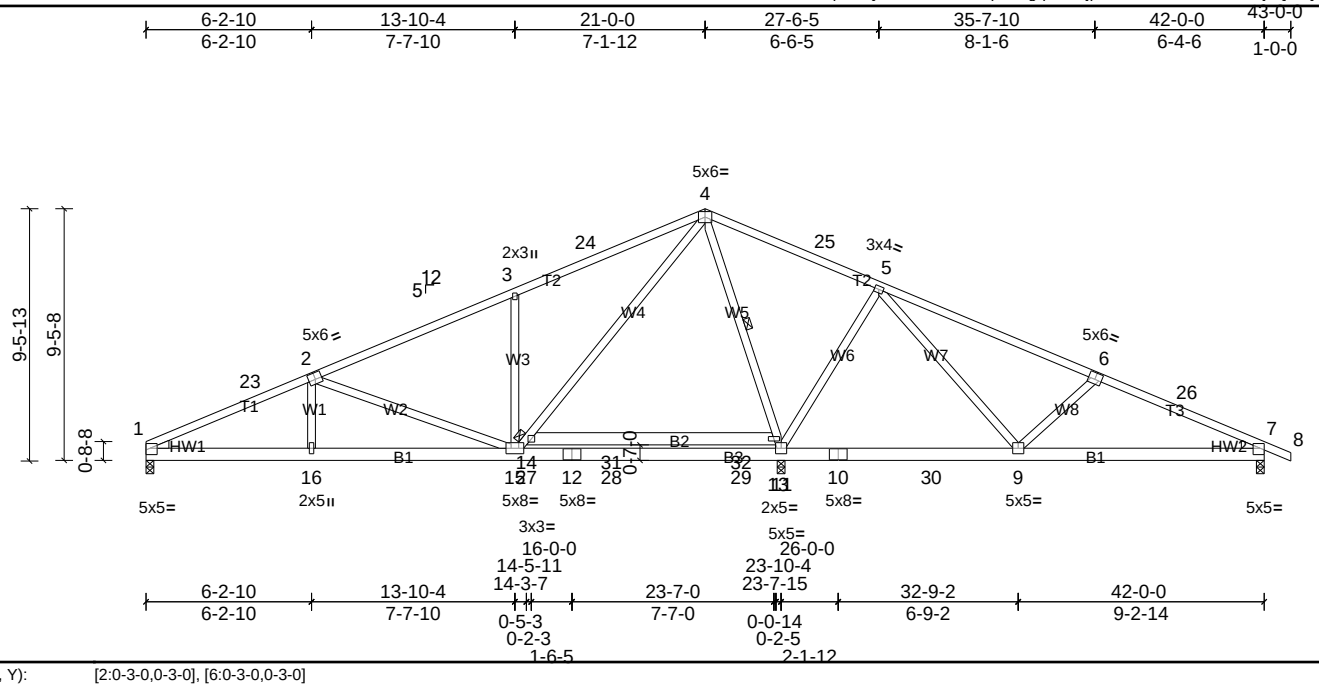


Plate Offsets (X, Y): [2:0-3-0,0-3-0], [6:0-3-0,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.59	Vert(LL)	-0.23	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.38	13-14	>746	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.01	11	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MSH							Weight: 274 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.1 *Except* T1,T3:2x4 SP No.2
BOT CHORD	2x6 SP SS *Except* B3,B2:2x6 SP No.2
WEBS	2x4 SP No.3 *Except* W4,W5:2x4 SP No.2
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-5-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 4-13

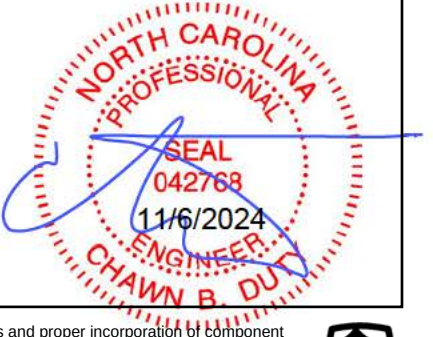
REACTIONS (lb/size) 1=757/0-3-8, (min. 0-1-8), 7=477/0-3-8, (min. 0-1-8), 11=2375/0-3-8, (min. 0-3-5)
Max Horiz 1=-167 (LC 11)
Max Uplift 1=-117 (LC 10), 7=-130 (LC 11), 11=-135 (LC 11)
Max Grav 1=881 (LC 26), 7=555 (LC 25), 11=2819 (LC 2)

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

TOP CHORD	1-23=-1632/190, 2-23=-1525/205, 2-3=-886/104, 3-24=-925/218, 4-24=-847/247, 4-25=0/944, 5-25=-6/831, 5-6=-374/152, 6-26=-558/213, 7-26=-685/197
BOT CHORD	1-16=-270/1441, 15-16=-272/1436, 15-27=-318/290, 12-27=-318/290, 12-28=-318/290, 28-29=-318/290, 11-29=-318/290, 10-11=-461/139, 10-30=-461/139, 9-30=-461/139, 7-9=-118/576
WEBS	3-15=-510/286, 14-15=-316/1538, 4-14=-252/1722, 4-13=-1817/234, 11-13=-2020/171, 5-11=-894/310, 5-9=-90/899, 6-9=-486/260, 2-15=-792/230

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-0-0 to 4-2-6, Interior (1) 4-2-6 to 16-9-10, Exterior(2R) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2E) 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 117 lb uplift at joint 1, 135 lb uplift at joint 11 and 130 lb uplift at joint 7.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	A4ST	Truss	3	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry — Run: 8.92 S 8.81 Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Wed Nov 06 13:47:15 — Page: 1

ID:a?q6?71yTv6SHVH?OlZqv2z8gqv-410jpi7iA9JedxHrWtz5iAOJuj?h2uryxmoGU3yLuxA

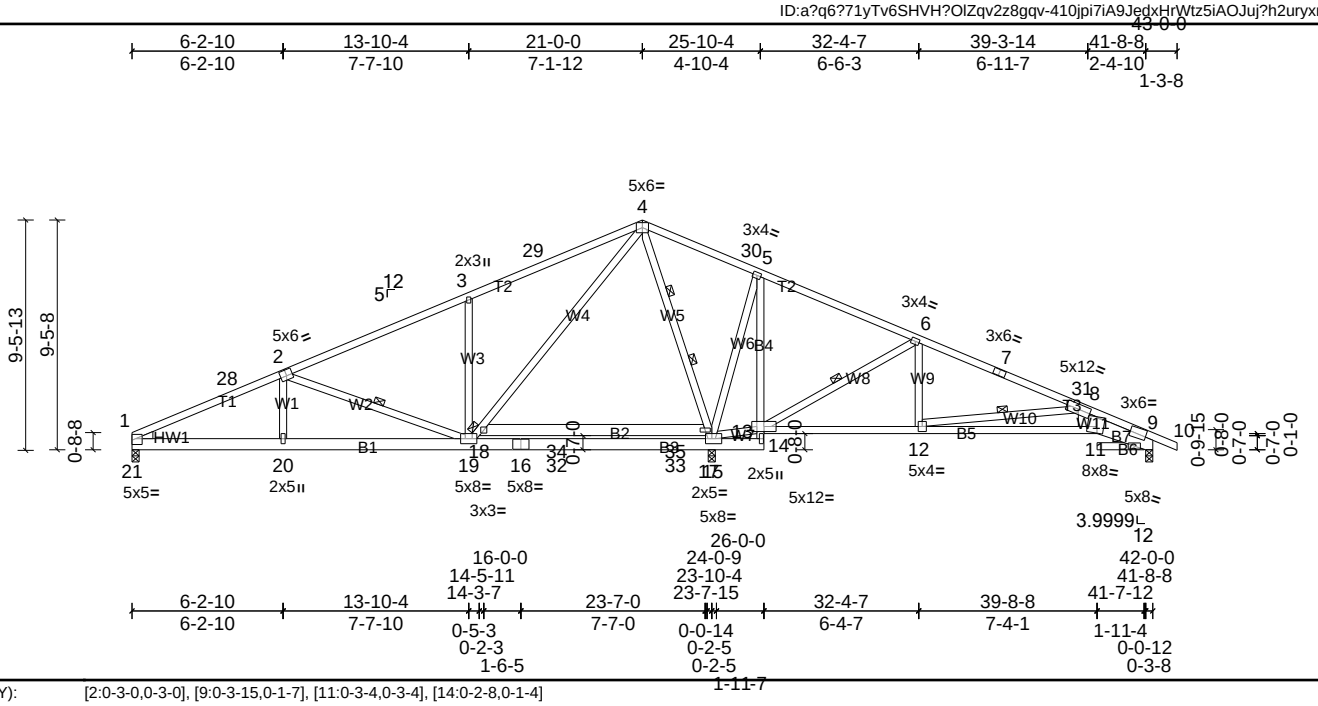


Plate Offsets (X, Y): [2:0-3-0,0-3-0], [9:0-3-15,0-1-7], [11:0-3-4,0-3-4], [14:0-2-8,0-1-4]

Loading	(psf)	Spacing	2-3-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.66	Vert(LL)	-0.26	17-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.93	Vert(CT)	-0.42	17-18	>678	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.87	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MSH							Weight: 290 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.1 *Except* T1,T3:2x4 SP No.2
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
WEBS	2x4 SP No.3 *Except* W4,W5:2x4 SP No.2, W11:2x10 SP No.2
WEDGE	Left: 2x4 SP No.2

BRACING

TOP CHORD	2-0-0 oc purlins (4-4-3 max.) (Switched from sheeted: Spacing > 2-0-0).	
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.	
WEBS	1 Row at midpt	2-19, 6-13, 8-12
WEBS	2 Rows at 1/3 pts	4-17

REACTIONS (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, (req. 0-3-15)
Max Horiz 1=-188 (LC 11)
Max Uplift 1=-144 (LC 10), 9=-128 (LC 11), 15=-185 (LC 11)
Max Grav 1=942 (LC 26), 9=489 (LC 25), 15=3336 (LC 2)

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

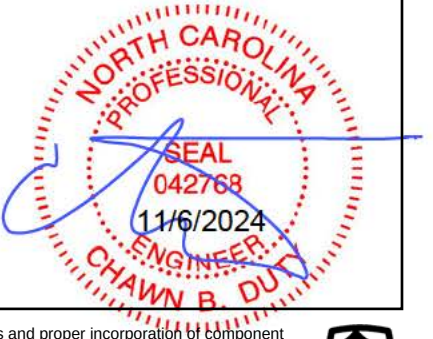
TOP CHORD 1-28=-1631/241, 2-28=-1511/258, 2-3=-876/147, 3-29=-889/275, 4-29=-800/308, 4-30=0/1373, 5-30=0/1278, 5-6=-35/1274, 6-7=-67/312, 7-31=-148/279, 8-31=-161/252, 8-9=-1142/224

BOT CHORD 1-20=-329/1446, 19-20=-332/1440, 16-19=-529/360, 16-32=-529/360, 32-33=-529/360, 15-33=-529/360, 14-15=-277/0, 12-13=-258/120, 11-12=-286/1108, 13-14=-266/0, 9-11=-207/1135

WEBS 2-20=0/262, 3-19=-577/322, 18-19=-351/1699, 4-18=-282/1946, 4-17=-2238/227, 15-17=-2493/157, 5-15=-579/245, 6-12=0/464, 2-19=-916/256, 13-15=-948/325, 8-11=0/299, 6-13=-1138/256, 8-12=-1224/345

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-0-0 to 4-2-6, Interior (1) 4-2-6 to 16-9-10, Exterior(2R) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2E) 38-9-10 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) WARNING: Required bearing size at joint(s) 15 greater than input bearing size.
6) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 1, 185 lb uplift at joint 15 and 128 lb uplift at joint 9.
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
72434959	A5	Truss	2	1	Job Reference (optional)

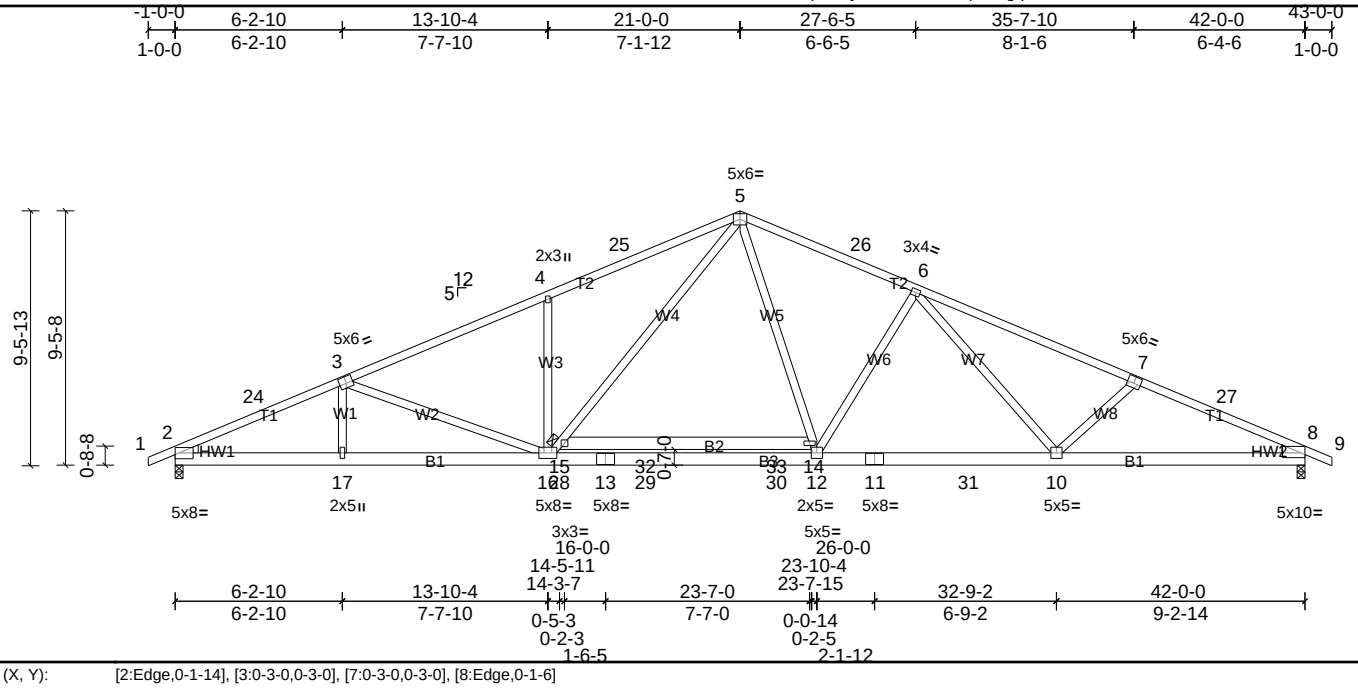


Plate Offsets (X, Y): [2:Edge,0-1-14], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:Edge,0-1-6]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	1.00	Vert(LL)	-0.43	14-15	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.91	Vert(CT)	-0.77	14-15	>651	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.13	8	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MSH							Weight: 276 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 14-15.

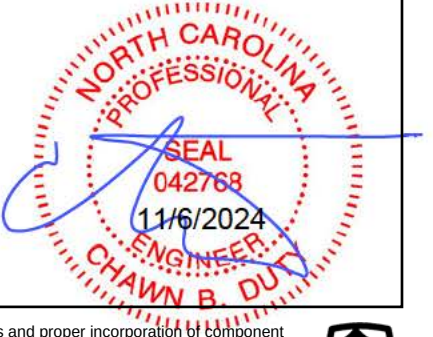
REACTIONS (lb/size) 2=1843/0-3-8, (min. 0-3-5), 8=1826/0-3-8, (min. 0-3-4)
Max Horiz 2=-160 (LC 11)
Max Uplift 2=-196 (LC 10), 8=-207 (LC 11)
Max Grav 2=2111 (LC 2), 8=2089 (LC 2)

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

TOP CHORD	2-24=-4645/320, 3-24=-4539/335, 3-4=-4223/324, 4-25=-4278/423, 5-25=-4200/442, 5-26=-3567/370, 6-26=-3640/343, 6-7=-4414/368, 7-27=-4578/398, 8-27=-4684/372
BOT CHORD	2-17=-380/4210, 16-17=-383/4211, 16-28=-18/2931, 13-28=-18/2931, 13-29=-18/2931, 29-30=-18/2931, 12-30=-18/2931, 11-12=-151/3589, 11-31=-151/3589, 10-31=-151/3589, 8-10=-280/4245
WEBS	4-16=-520/287, 15-16=-310/1392, 5-15=-248/1640, 5-14=-102/1407, 12-14=-161/1163, 6-12=-763/304, 6-10=-76/586, 7-10=-402/255, 3-16=-449/213

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) -1-0-0 to 3-2-6, Interior (1) 3-2-6 to 16-9-10, Exterior(2R) 16-9-10 to 25-2-6, Interior (1) 25-2-6 to 38-9-10, Exterior (2E) 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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	A6T	Truss	1	1	Job Reference (optional)

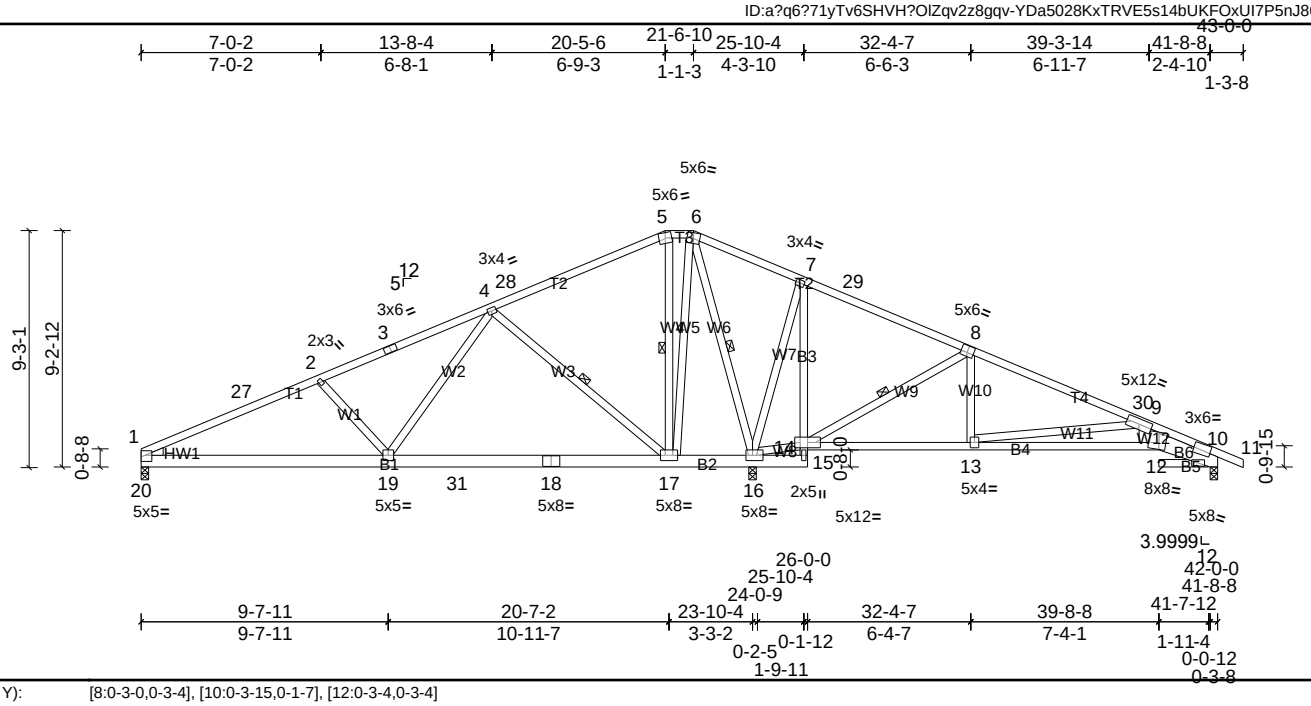


Plate Offsets (X, Y): [8:0-3-0,0-3-4], [10:0-3-15,0-1-7], [12:0-3-4,0-3-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.68	Vert(LL)	-0.14	17-19	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.66	Vert(CT)	-0.24	17-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.04	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MSH							Weight: 281 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B5,B4:2x4 SP No.2, B6:2x8 SP No.2, B3:2x4 SP No.3
WEBS	2x4 SP No.3 *Except* W12:2x10 SP No.2
WEDGE	Left: 2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-8-0 oc purlins, except 2-0-0 oc purlins (10-0-0 max.): 5-6.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 4-17, 5-17, 8-14, 6-16

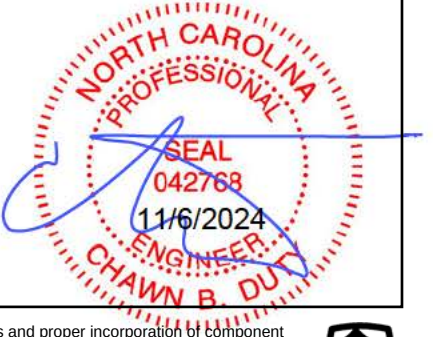
REACTIONS (lb/size) 1=679/0-3-8, (min. 0-1-8), 10=421/0-3-8, (min. 0-1-8), 16=2320/0-3-8, (min. 0-2-15)
Max Horiz 1=-163 (LC 15)
Max Uplift 1=-147 (LC 10), 10=-107 (LC 11), 16=-259 (LC 11)
Max Grav 1=811 (LC 26), 10=477 (LC 25), 16=2503 (LC 2)

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

TOP CHORD	1-27=-1331/263, 2-27=-1253/278, 2-3=-1103/221, 3-4=-986/239, 4-28=0/353, 5-28=0/409, 5-6=0/352, 6-7=0/1077, 7-29=-22/951, 8-29=-49/840, 9-30=-257/110, 9-10=-1215/176
BOT CHORD	1-19=-325/1168, 19-31=-146/535, 18-31=-146/535, 17-18=-146/535, 16-17=-558/309, 12-13=-242/1124, 10-12=-167/1182, 7-14=0/334
WEBS	2-19=-412/228, 4-19=-55/899, 4-17=-1035/300, 5-17=-385/106, 8-14=-1006/227, 8-13=0/420, 9-13=-1137/316, 6-16=-1921/139, 6-17=-178/1356, 9-12=0/284, 14-16=-751/281, 7-16=-602/157

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-0-0 to 4-2-6, Interior (1) 4-2-6 to 14-6-2, Exterior(2R) 14-6-2 to 27-5-14, Interior (1) 27-5-14 to 38-9-10, Exterior (2E) 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) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 147 lb uplift at joint 1, 259 lb uplift at joint 16 and 107 lb uplift at joint 10.
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
72434959	A7T	Truss	1	1	Job Reference (optional)

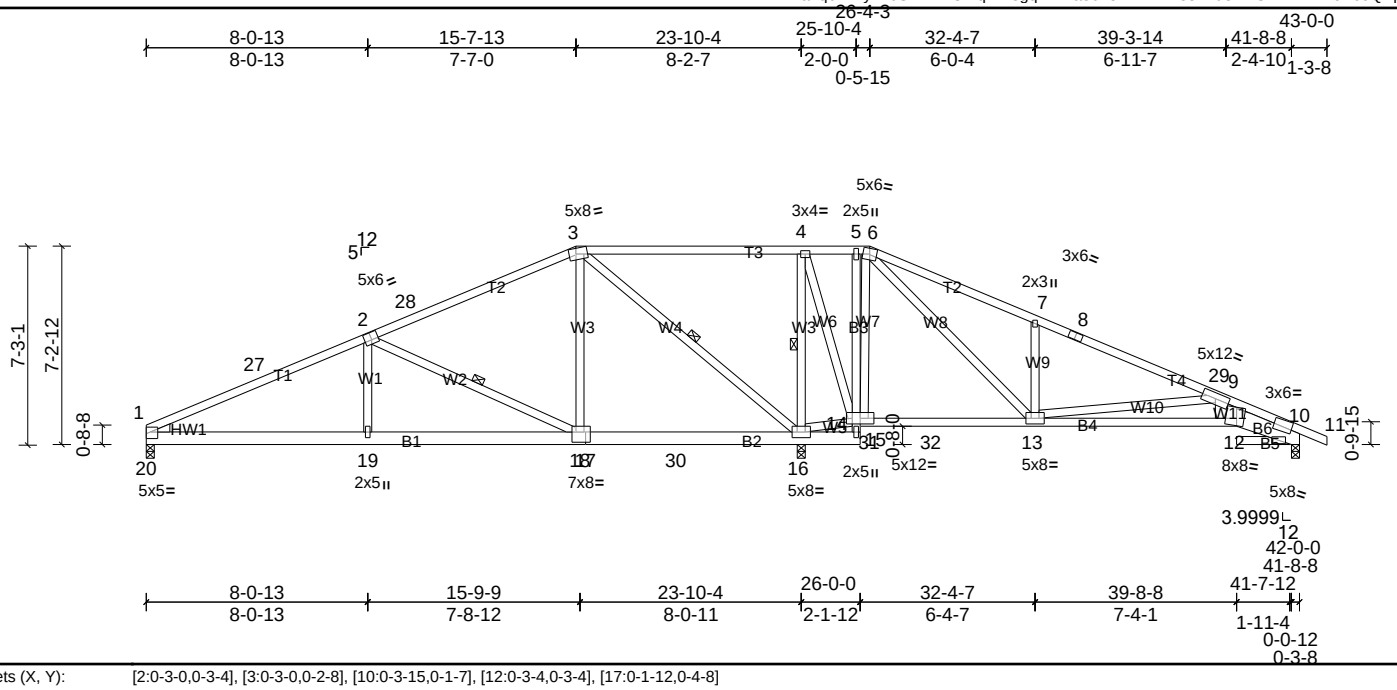


Plate Offsets (X, Y): [2:0-3-0,0-3-4], [3:0-3-0,0-2-8], [10:0-3-15,0-1-7], [12:0-3-4,0-3-4], [17:0-1-12,0-4-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.76	Vert(LL)	-0.10	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.67	Vert(CT)	-0.21	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.03	10	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MSH							Weight: 273 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2 *Except* T3:2x4 SP No.1
BOT CHORD	2x6 SP No.2 *Except* B5,B4:2x4 SP No.2, B3:2x4 SP No.3, B6:2x8 SP No.2
WEBS	2x4 SP No.3 *Except* W11:2x10 SP No.2
WEDGE	Left: 2x4 SP No.2

BRACING

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	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 2-18, 3-16, 4-16

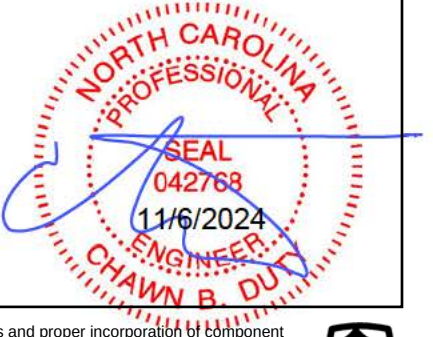
REACTIONS (lb/size) 1=670/0-3-8, (min. 0-1-8), 10=429/0-3-8, (min. 0-1-8), 16=2320/0-3-8, (min. 0-3-0)
Max Horiz 1=-128 (LC 15)
Max Uplift 1=-144 (LC 10), 10=-121 (LC 11), 16=-236 (LC 7)
Max Grav 1=787 (LC 26), 10=475 (LC 27), 16=2543 (LC 2)

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

TOP CHORD	1-27=-1254/232, 2-27=-1176/252, 2-28=-457/110, 3-28=-362/141, 3-4=0/1063, 4-5=0/838, 5-6=0/829, 9-10=-1251/222
BOT CHORD	1-19=-292/1088, 18-19=-256/1081, 17-18=-34/345, 17-30=-34/345, 16-30=-34/345, 14-31=-819/224, 31-32=-819/224, 13-32=-819/224, 12-13=-277/1152, 10-12=-207/1225
WEBS	2-19=0/332, 2-18=-1018/270, 3-18=-18/735, 3-16=-1687/190, 4-16=-1161/227, 7-13=-461/250, 6-14=-1054/233, 6-13=-267/1217, 14-16=-944/288, 4-14=-76/675, 9-12=0/295, 9-13=-1131/312

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-0-0 to 4-2-6, Interior (1) 4-2-6 to 9-8-8, Exterior(2R) 9-8-8 to 32-4-7, Interior (1) 32-4-7 to 38-9-10, Exterior(2E) 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) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 1, 236 lb uplift at joint 16 and 121 lb uplift at joint 10.
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
72434959	A8T	Truss	1	2	Job Reference (optional)

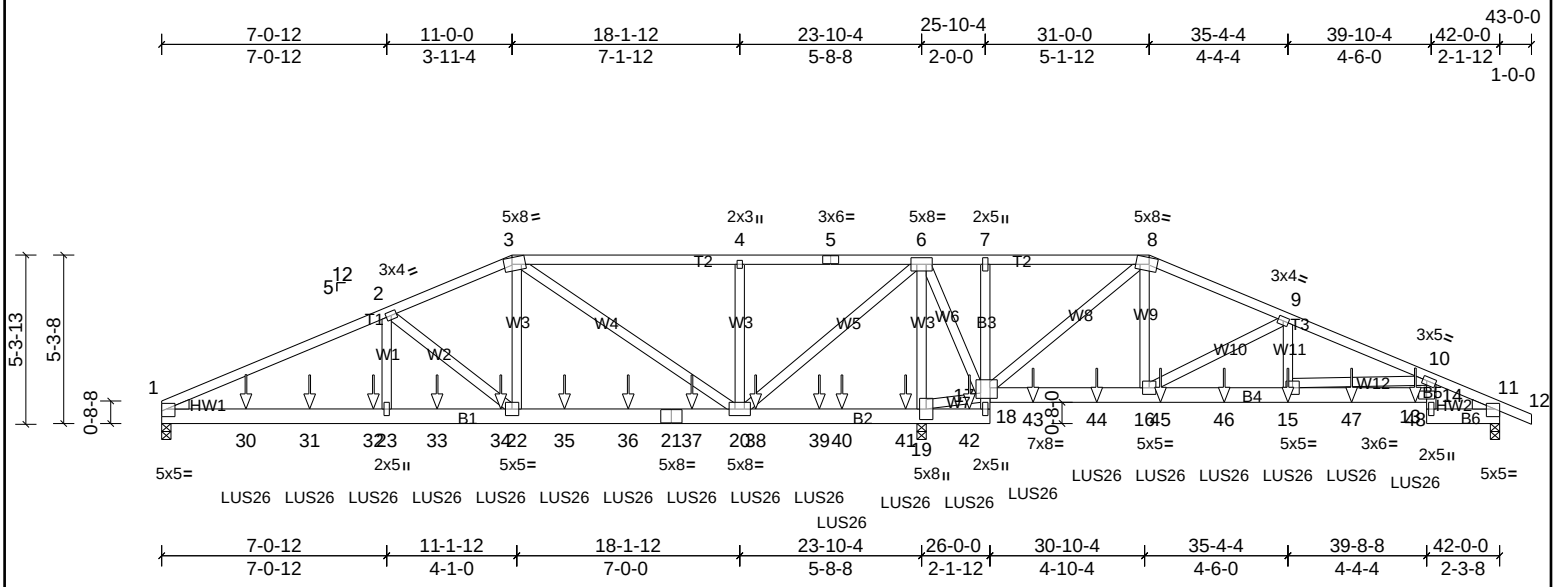


Plate Offsets (X, Y): [3:0-3-0,0-2-8], [8:0-3-0,0-2-8], [10:0-1-8,0-1-8], [17:0-2-12,0-4-0]

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	MT20	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	IRC2021/TPI2014	Matrix-MSH							Weight: 540 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B3:2x4 SP No.3, B5:2x4 SP No.2
WEBS	2x4 SP No.3
WEDGE	Left: 2x4 SP No.2 Right: 2x4 SP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 3-8.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (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 21), 11=737 (LC 22), 19=3959 (LC 17)

FORCES (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=-615/1372, 35-36=-615/1372, 21-36=-615/1372, 21-37=-615/1372, 20-37=-615/1372, 20-38=-1842/894, 38-39=-1842/894, 39-40=-1842/894, 40-41=-1842/894, 19-41=-1842/894, 19-42=-308/169, 18-42=-308/169, 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=-537/988, 3-20=-1297/572, 4-20=-438/216, 6-20=-1367/2637, 6-19=-2748/1380, 17-19=-1651/772, 8-16=-480/912, 9-16=-1049/466, 9-15=-210/571, 6-17=-429/947, 8-17=-1791/830, 10-15=-979/355

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) 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.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) Use Simpson Strong-Tie LUS26 (4-10d Girder, 3-10d Truss, Single Ply Girder) 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.
11) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-3=-60, 3-8=-60, 8-12=-60, 18-24=-20, 13-27=-20, 14-17=-20
Concentrated Loads (lb)
Vert: 15=-118 (F), 30=-135 (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=-118 (F), 46=-118 (F), 47=-118 (F), 48=-134 (F)

NORTH CAROLINA PROFESSIONAL SEAL 042768 ENGINEER CHAWN B. DU 11/6/2024

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	EJ1	Truss	3	1	Job Reference (optional)

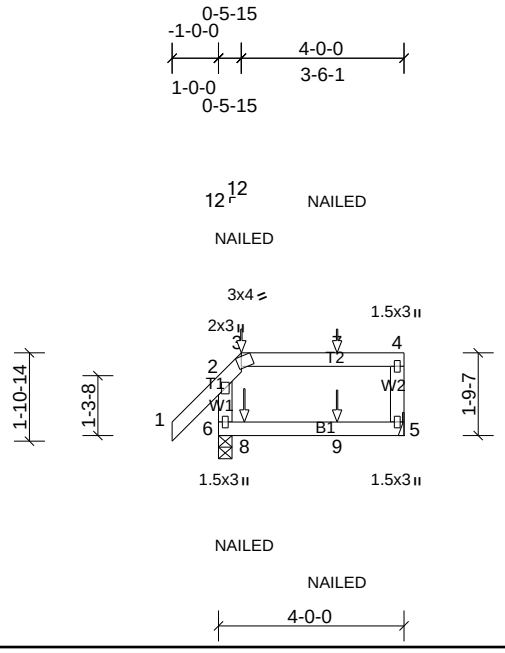


Plate Offsets (X, Y): [3:0-0-11,Edge]

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	0.16	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	IRC2021/TPI2014	Matrix-MR							Weight: 18 lb	FT = 20%

LUMBER

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

BRACING

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

REACTIONS (lb/size) 5=147/ Mechanical, (min. 0-1-8), 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 22), 6=247 (LC 1)

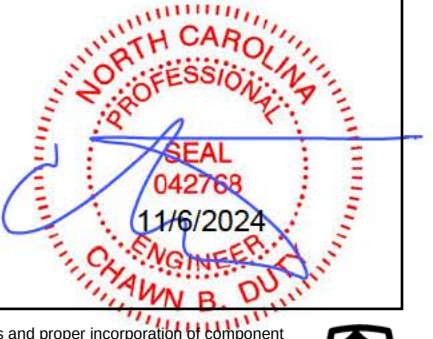
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 46 lb uplift at joint 6 and 45 lb uplift at joint 5.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
8) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
9) 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 (B), 7=0 (B), 8=-17 (B), 9=-12 (B)



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	EJ1T	Truss	1	1	Job Reference (optional)

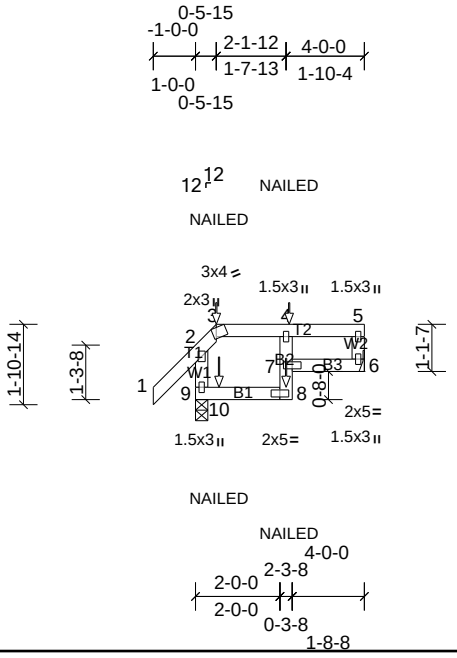


Plate Offsets (X, Y): [3:0-0-11,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	-0.01	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.19	Vert(CT)	-0.01	8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MR							Weight: 19 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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-5.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=146/ Mechanical, (min. 0-1-8), 9=248/0-3-8, (min. 0-1-8)
Max Horiz 9=66 (LC 5)
Max Uplift 6=-44 (LC 5), 9=-47 (LC 8)
Max Grav 6=154 (LC 22), 9=248 (LC 1)

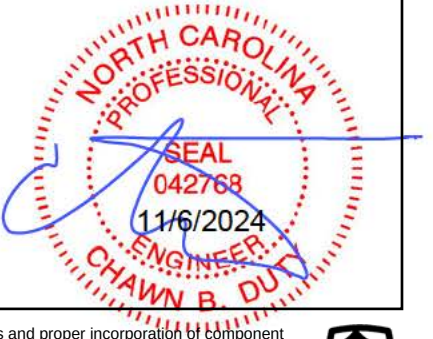
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
8) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
9) 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, 3-5=-60, 8-9=-20, 6-7=-20
   Concentrated Loads (lb)
   Vert: 3=0 (F), 8=-12 (F), 4=0 (F), 10=-17 (F)



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	EJ2	Truss	3	1	Job Reference (optional)

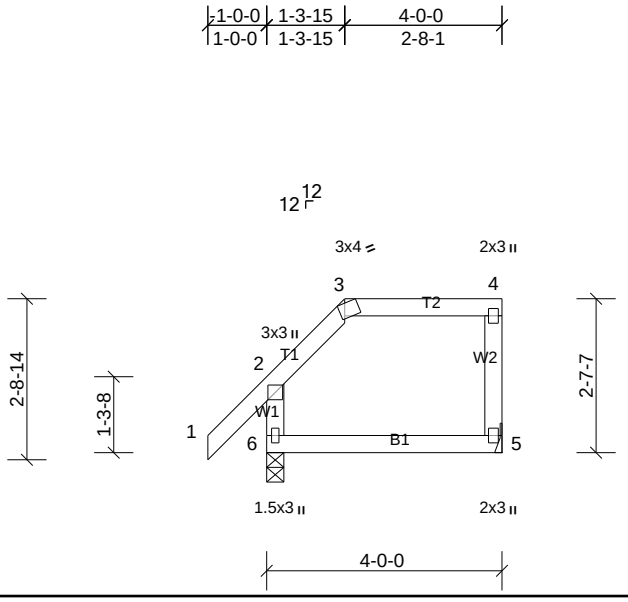


Plate Offsets (X, Y): [3:0-0-11,Edge]

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	0.23	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	IRC2021/TPI2014	Matrix-MR							Weight: 20 lb	FT = 20%

LUMBER

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

BRACING

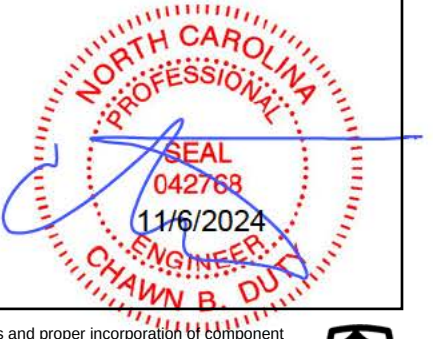
TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-4.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=138/ Mechanical, (min. 0-1-8), 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

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 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 33 lb uplift at joint 6 and 57 lb uplift at joint 5.
7) 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
72434959	EJ2T	Truss	1	1	Job Reference (optional)

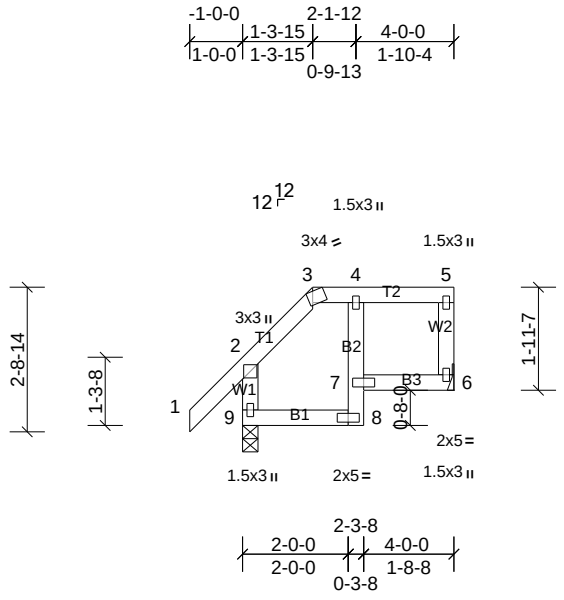


Plate Offsets (X, Y): [3:0-0-11,Edge]

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	0.24	Vert(LL)	0.01	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	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	IRC2021/TPI2014	Matrix-MR							Weight: 22 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

BRACING

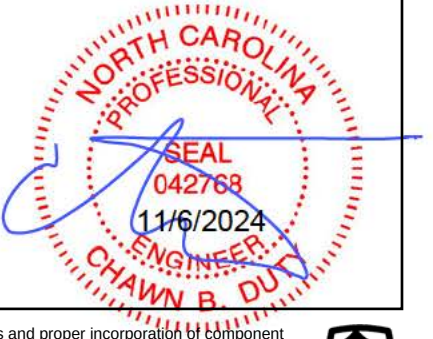
TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-5.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=138/ Mechanical, (min. 0-1-8), 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

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 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 32 lb uplift at joint 9 and 56 lb uplift at joint 6.
7) 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
72434959	EJ3	Truss	3	1	Job Reference (optional)

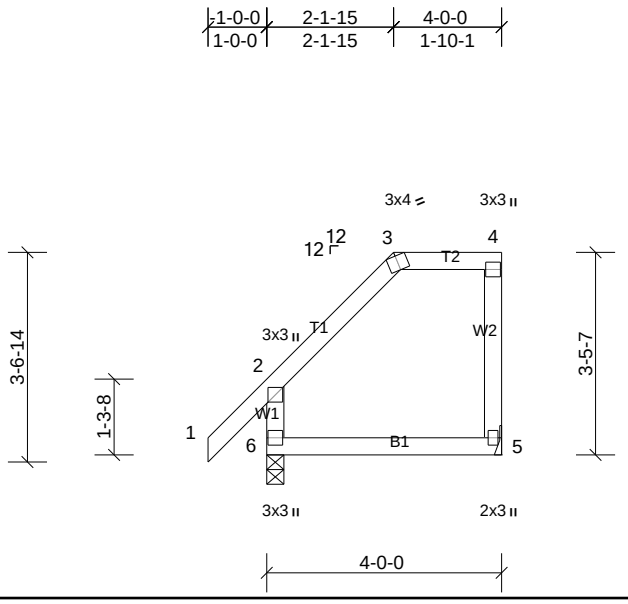


Plate Offsets (X, Y): [3:0-2-0,Edge]

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	0.30	Vert(LL)	-0.01	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	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	IRC2021/TPI2014	Matrix-MR							Weight: 21 lb	FT = 20%

LUMBER

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

BRACING

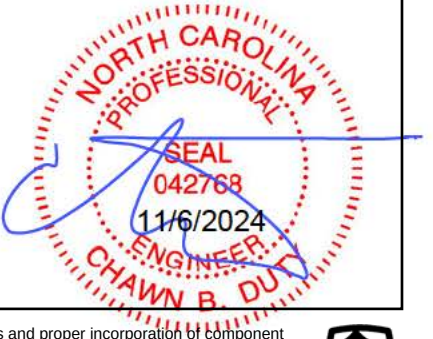
TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-4.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=138/ Mechanical, (min. 0-1-8), 6=228/0-3-8, (min. 0-1-8)
Max Horiz 6=142 (LC 7)
Max Uplift 5=-75 (LC 7), 6=-29 (LC 10)

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

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 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 29 lb uplift at joint 6 and 75 lb uplift at joint 5.
7) 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
72434959	EJ3T	Truss	1	1	Job Reference (optional)

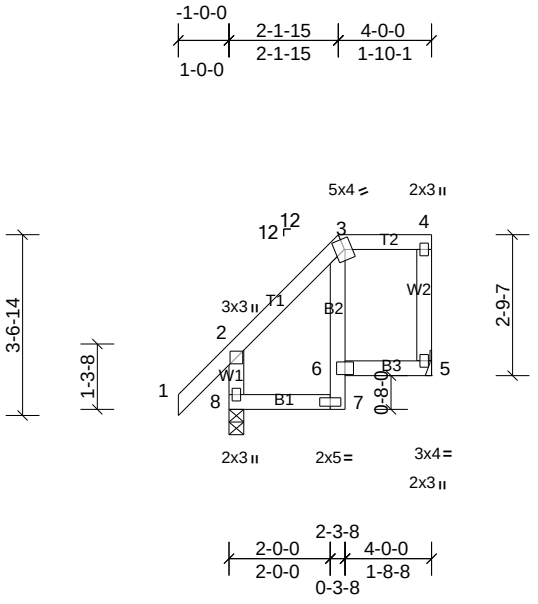


Plate Offsets (X, Y): [3:0-1-12,0-2-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	0.01	3	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	-0.01	3	>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	IRC2021/TPI2014	Matrix-MR							Weight: 25 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

BRACING

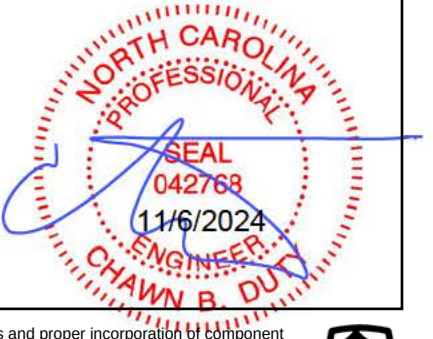
TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-4.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=138/ Mechanical, (min. 0-1-8), 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

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 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 28 lb uplift at joint 8 and 74 lb uplift at joint 5.
7) 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
72434959	EJ4	Truss	3	1	Job Reference (optional)

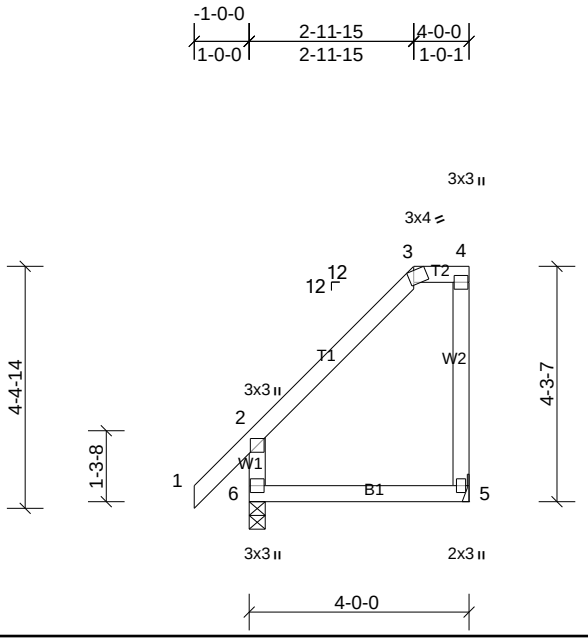


Plate Offsets (X, Y): [3:0-0-11,Edge]

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	0.34	Vert(LL)	0.01	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.19	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	IRC2021/TPI2014	Matrix-MR							Weight: 23 lb	FT = 20%

LUMBER

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

BRACING

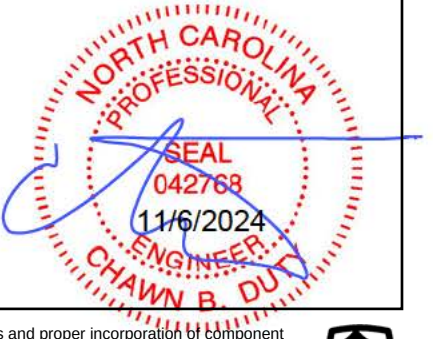
TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 3-4.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=138/ Mechanical, (min. 0-1-8), 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 18), 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 7-16; 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(2E) 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) 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
72434959	EJ4T	Truss	1	1	Job Reference (optional)

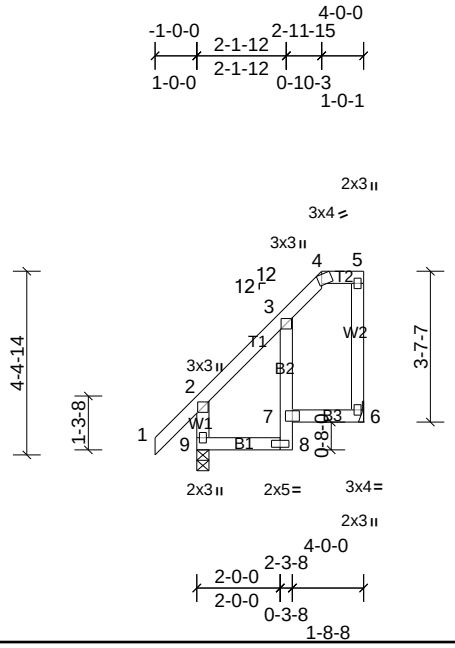


Plate Offsets (X, Y): [4:0-0-11,Edge]

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	0.28	Vert(LL)	0.01	8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.26	Vert(CT)	-0.02	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	IRC2021/TPI2014	Matrix-MR							Weight: 26 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

BRACING

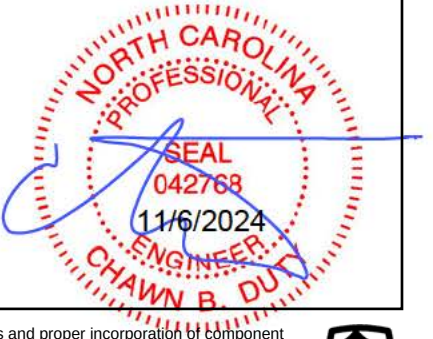
TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins: 4-5.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=138/ Mechanical, (min. 0-1-8), 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 18), 9=228 (LC 1)

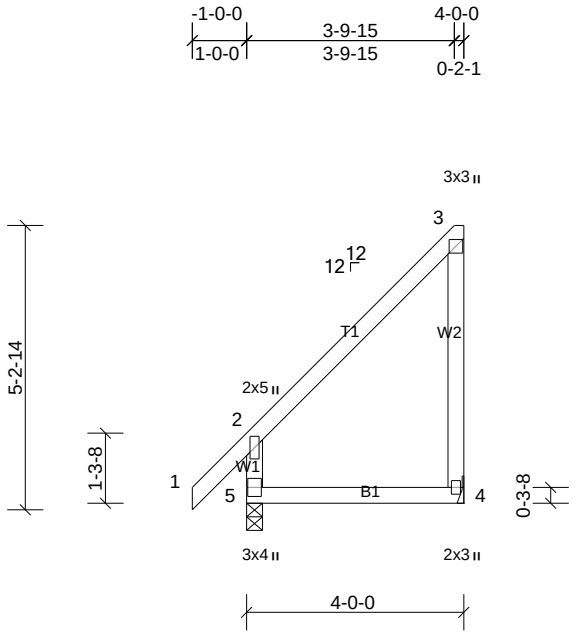
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 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 16 lb uplift at joint 9 and 97 lb uplift at joint 6.
7) 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
72434959	EJ5	Truss	3	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	0.02	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.26	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	IRC2021/TPI2014	Matrix-MR							Weight: 25 lb	FT = 20%

LUMBER

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

BRACING

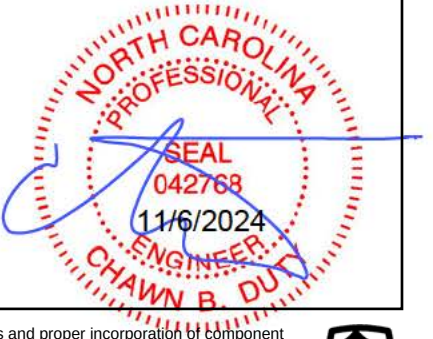
TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=138/ Mechanical, (min. 0-1-8), 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 18), 5=257 (LC 19)

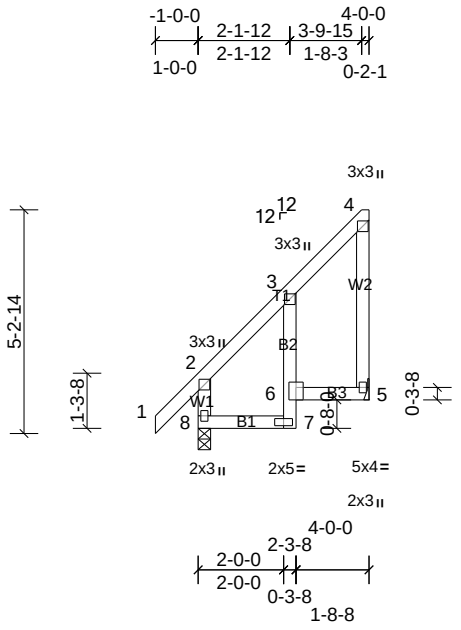
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) 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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	EJ5T	Truss	1	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	0.02	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.37	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	IRC2021/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

BRACING

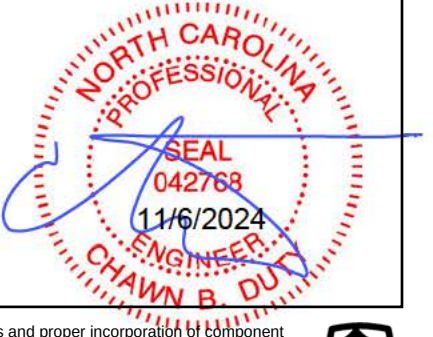
TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=138/ Mechanical, (min. 0-1-8), 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 18), 8=255 (LC 19)

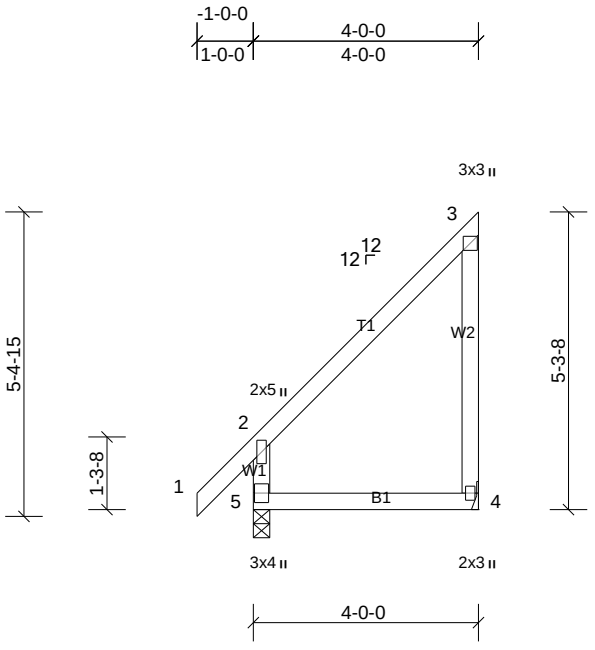
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) 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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	EJ6	Truss	18	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	0.02	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.26	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	IRC2021/TPI2014	Matrix-MR							Weight: 25 lb	FT = 20%

LUMBER

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

BRACING

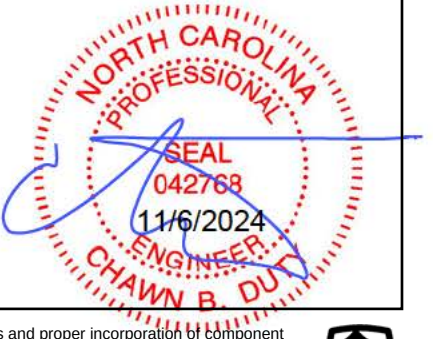
TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=138/ Mechanical, (min. 0-1-8), 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 18), 5=257 (LC 19)

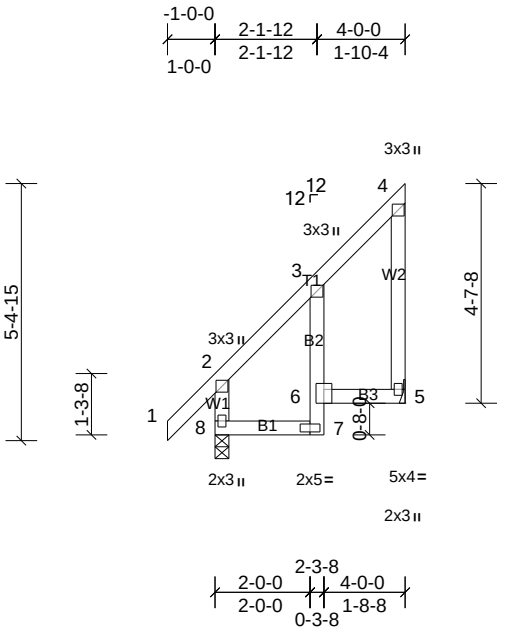
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) 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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	EJ6T	Truss	2	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	0.02	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.37	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	IRC2021/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

BRACING

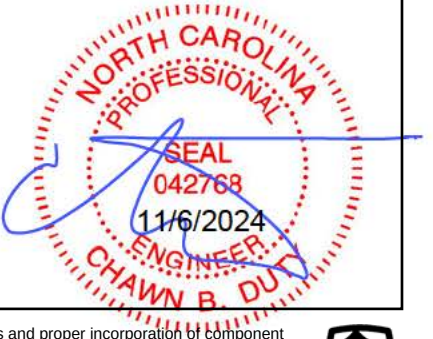
TOP CHORD	Structural wood sheathing directly applied or 4-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=138/ Mechanical, (min. 0-1-8), 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 18), 8=255 (LC 19)

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 7-16; 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(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) 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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	P1	Truss	5	1	Job Reference (optional)

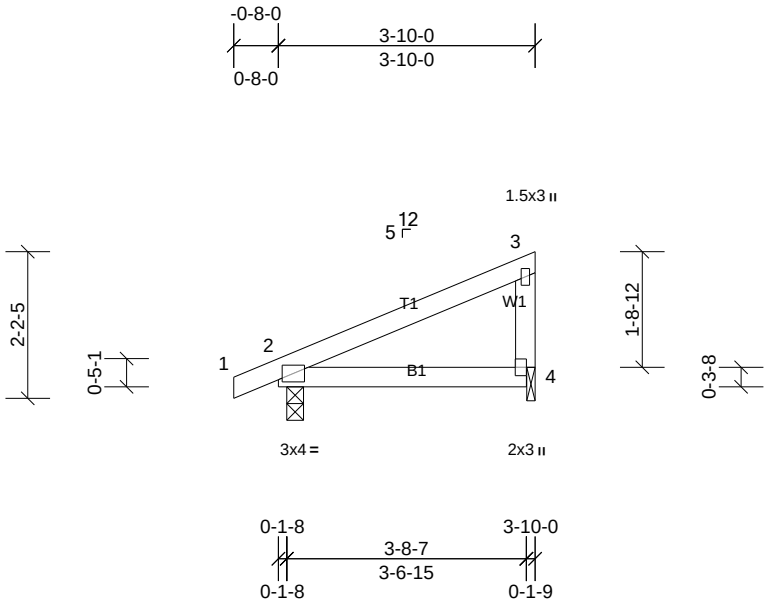


Plate Offsets (X, Y): [4:Edge,0-0-1]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.15	Vert(CT)	-0.02	4-7	>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	IRC2021/TPI2014	Matrix-MP							Weight: 15 lb	FT = 20%

LUMBER

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

BRACING

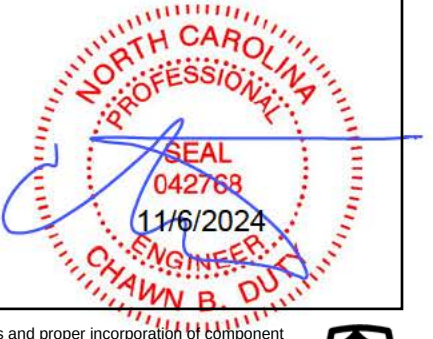
TOP CHORD	Structural wood sheathing directly applied or 3-10-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=191/0-3-0, (min. 0-1-8), 4=144/0-1-8, (min. 0-1-8)
Max Horiz 2=76 (LC 9)
Max Uplift 2=-39 (LC 10), 4=-36 (LC 10)

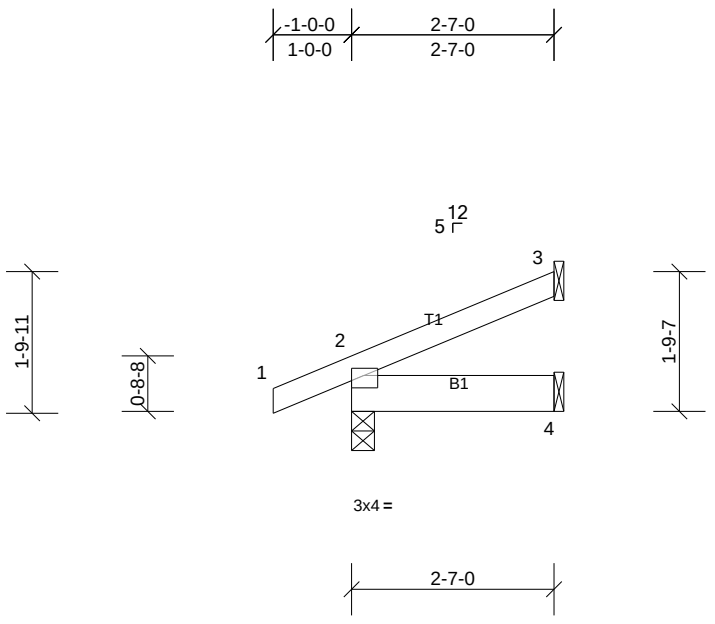
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 39 lb uplift at joint 2 and 36 lb uplift at joint 4.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	SJ1	Truss	6	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.07	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	IRC2021/TPI2014	Matrix-MP							Weight: 12 lb	FT = 20%

LUMBER

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

BRACING

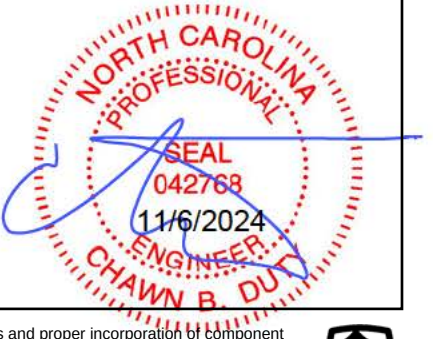
TOP CHORD	Structural wood sheathing directly applied or 2-7-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=173/0-3-8, (min. 0-1-8), 3=57/ Mechanical, (min. 0-1-8), 4=32/ Mechanical, (min. 0-1-8)
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)

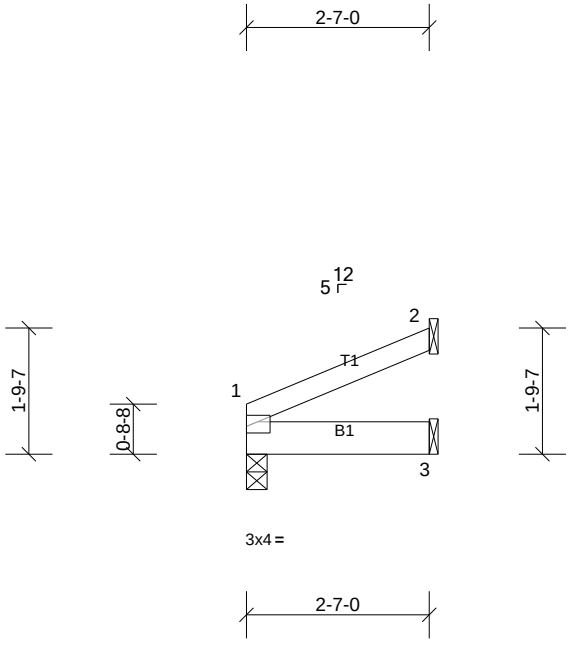
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Wind: ASCE 7-16; 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(2E) 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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	SJ2	Truss	2	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.07	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	IRC2021/TPI2014	Matrix-MP							Weight: 10 lb	FT = 20%

LUMBER

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

BRACING

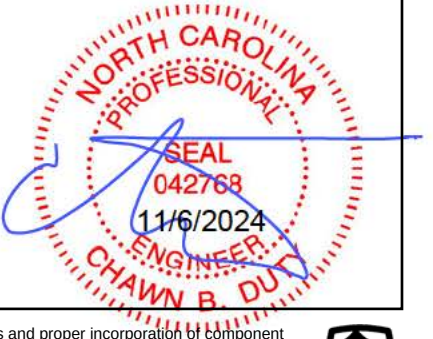
TOP CHORD	Structural wood sheathing directly applied or 2-7-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=101/0-3-8, (min. 0-1-8), 2=60/ Mechanical, (min. 0-1-8), 3=40/ Mechanical, (min. 0-1-8)
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 7-16; 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(2E) 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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	V1	Truss	1	1	Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry — Run: 8.92 S 8.81 Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Wed Nov 06 13:47:20 — Page: 1

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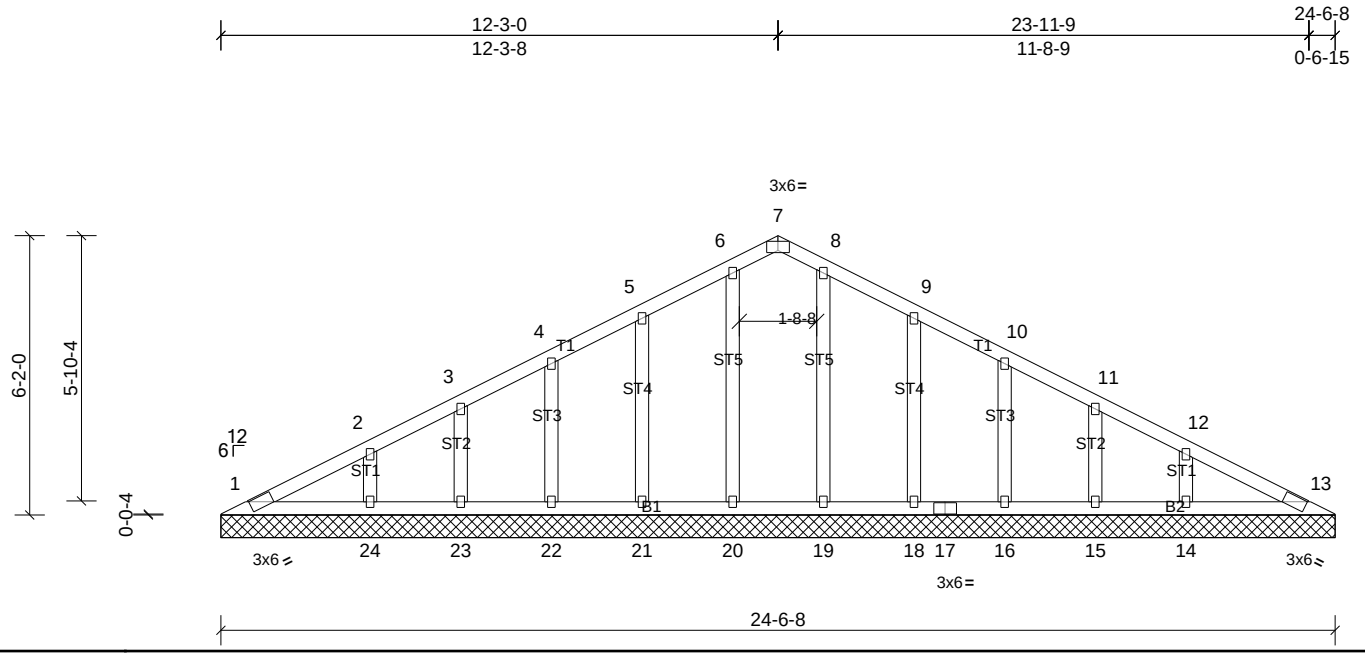


Plate Offsets (X, Y): [7:0-3-0,Edge]

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	IRC2021/TPI2014	Matrix-SH							Weight: 122 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 24-7-0.

(lb) - Max Horiz 1=102 (LC 14)

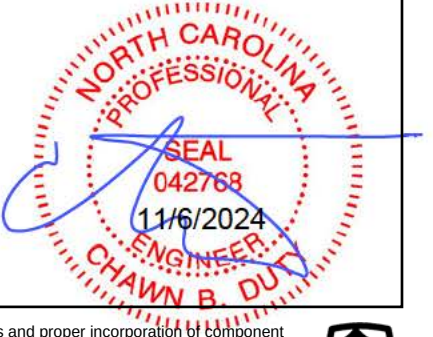
Max Uplift All uplift 100 (lb) or less at joint(s) 14, 15, 16, 18, 21, 22, 23, 24

Max Grav All reactions 250 (lb) or less at joint(s) 1, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24

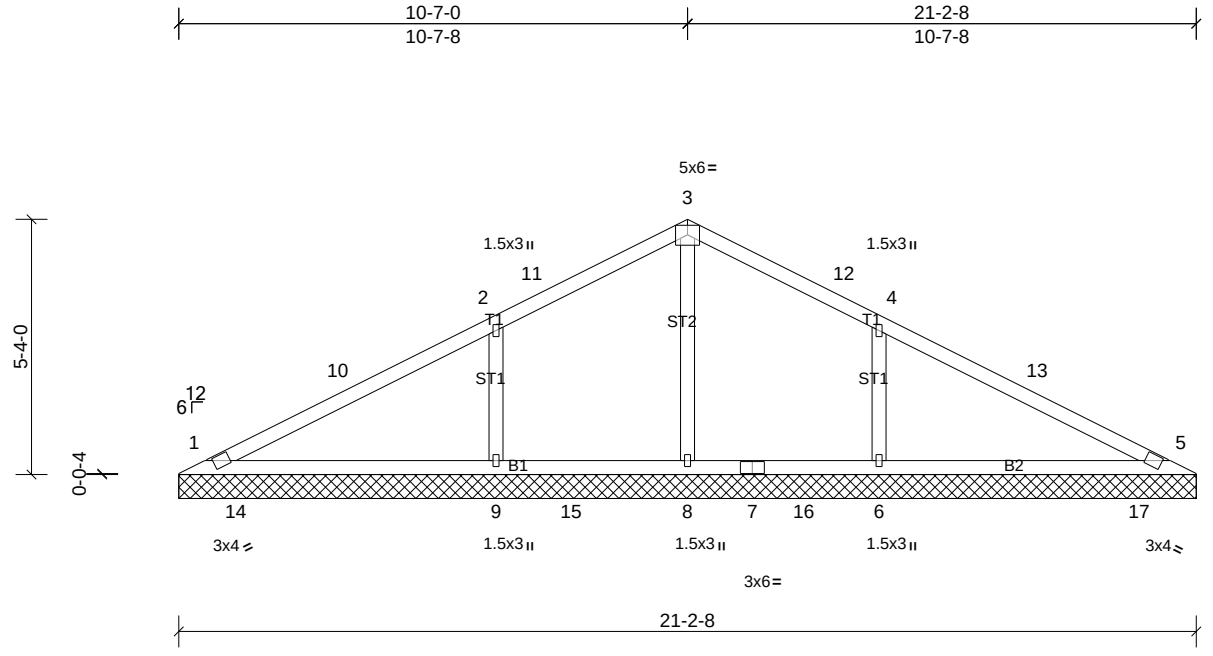
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-7-9 to 3-4-0, Interior (1) 3-4-0 to 9-4-0, Exterior(2R) 9-4-0 to 15-4-0, Interior (1) 15-4-0 to 21-0-7, Exterior(2E) 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
3) All plates are 2x3 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 21, 22, 23, 24, 18, 16, 15, 14.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	V2	Truss	1	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.44	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	0.09	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-SH							Weight: 80 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.

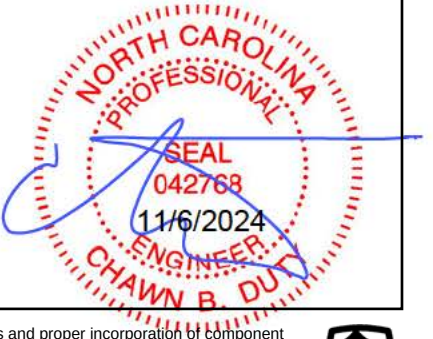
REACTIONS All bearings 21-3-0.

(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=554 (LC 27), 8=269 (LC 21), 9=554 (LC 26)

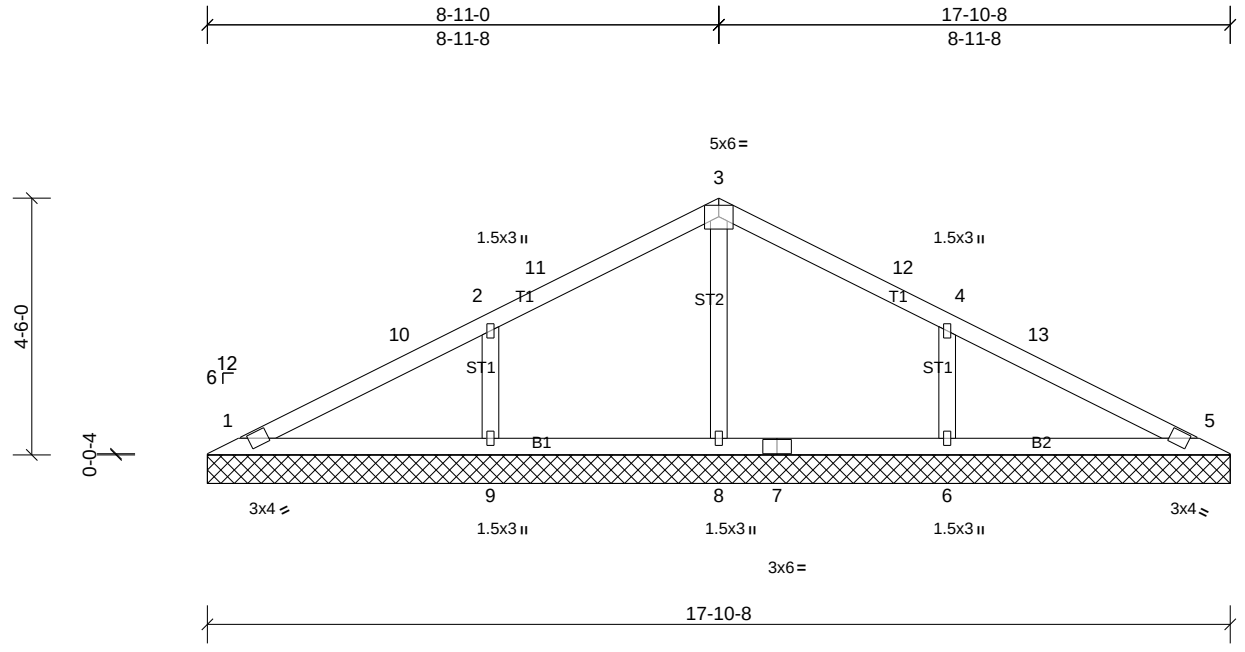
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-395/221, 4-6=-395/220

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-7-9 to 3-7-9, Interior (1) 3-7-9 to 7-8-0, Exterior(2R) 7-8-0 to 13-8-0, Interior (1) 13-8-0 to 17-8-7, Exterior(2E) 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
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 9=173, 6=173.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	V3	Truss	1	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.25	Vert(LL)	n/a	-	n/a	999	MT20	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	IRC2021/TPI2014	Matrix-SH							Weight: 66 lb	FT = 20%

LUMBER

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

BRACING

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

REACTIONS All bearings 17-11-0.

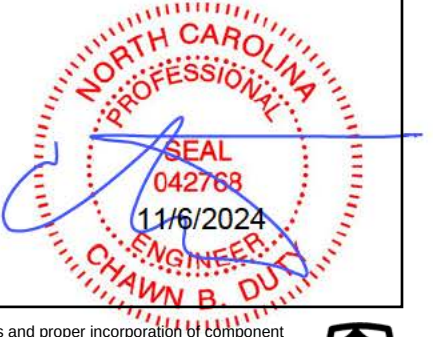
(lb) - Max Horiz 1=73 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 1, 5 except 6=-139 (LC 11), 9=-139 (LC 10)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5, 8 except 6=404 (LC 25), 9=404 (LC 24)

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

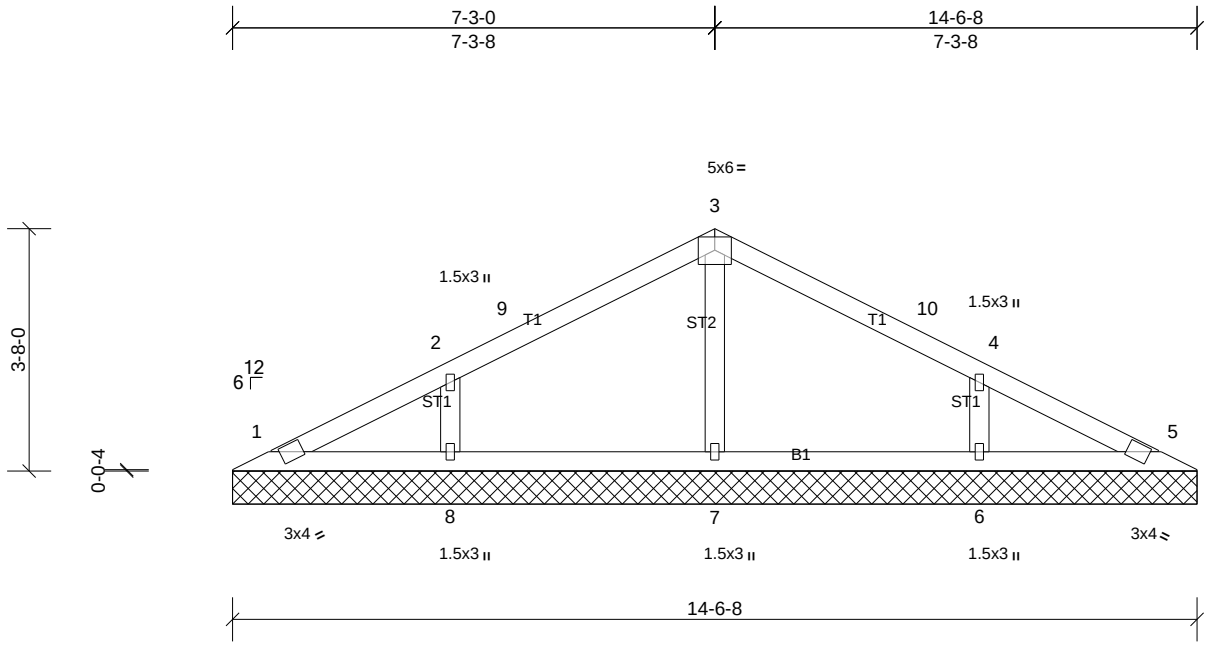
WEBS 2-9=-310/199, 4-6=-310/199

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-7-9 to 3-7-9, Interior (1) 3-7-9 to 6-0-0, Exterior(2R) 6-0-0 to 12-0-0, Interior (1) 12-0-0 to 14-4-7, Exterior(2E) 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
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 9=138, 6=138.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	V4	Truss	1	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.12	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2021/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.

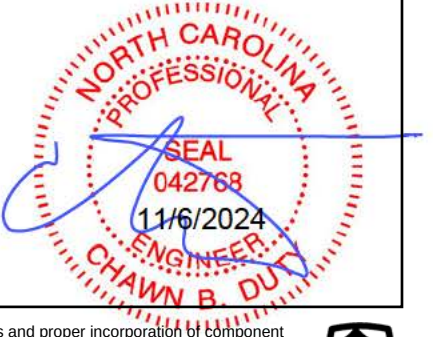
(lb) - Max Horiz 1=59 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 1 except 6=-113 (LC 11), 8=-113 (LC 10)
Max Grav All reactions 250 (lb) or less at joint(s) 1, 5 except 6=320 (LC 25), 7=282 (LC 1), 8=320 (LC 24)

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

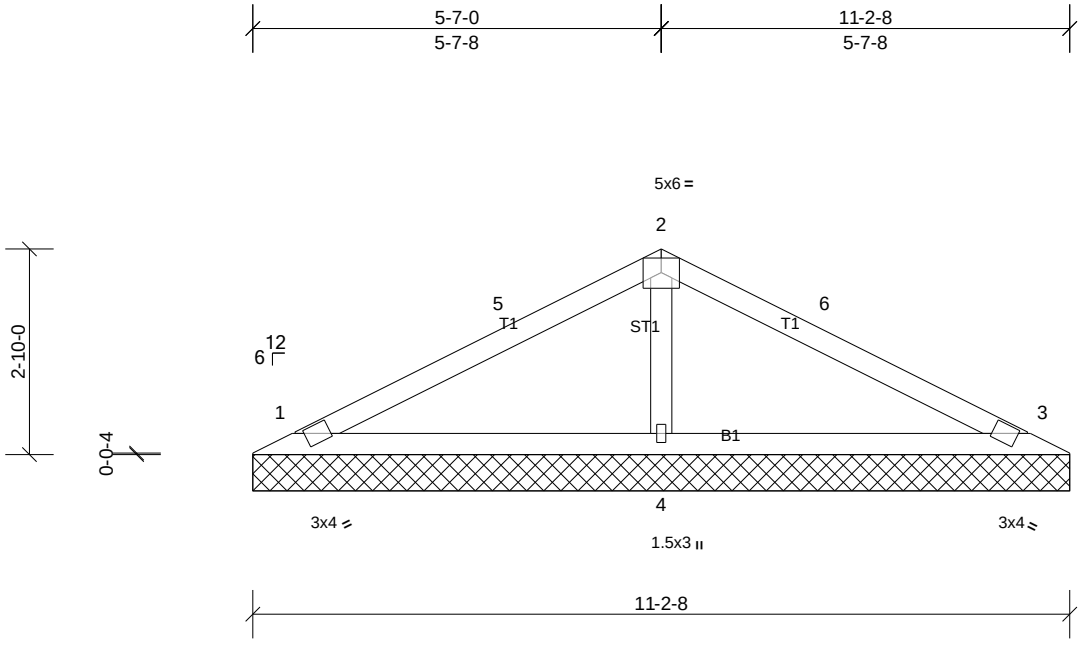
WEBS 2-8=-261/198, 4-6=-261/198

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-7-9 to 3-4-0, Interior (1) 3-4-0 to 4-4-0, Exterior(2R) 4-4-0 to 10-4-0, Interior (1) 10-4-0 to 11-0-7, Exterior(2E) 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
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 8=113, 6=113.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	V5	Truss	1	1	Job Reference (optional)



Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.32	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	IRC2021/TPI2014	Matrix-SH							Weight: 37 lb	FT = 20%

LUMBER

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

BRACING

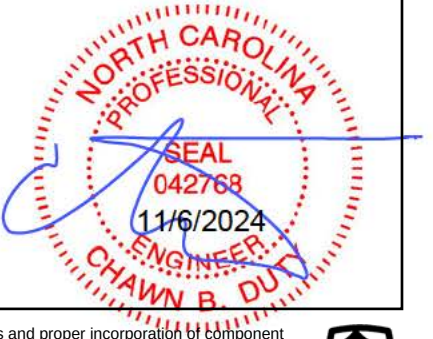
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=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 10)
Max Uplift 1=-39 (LC 10), 3=-47 (LC 11), 4=-32 (LC 10)
Max Grav 1=184 (LC 24), 3=184 (LC 25), 4=445 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-293/189

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-7-9 to 3-7-9, Exterior(2R) 3-7-9 to 7-8-7, Exterior(2E) 7-8-7 to 10-8-7 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
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 39 lb uplift at joint 1, 47 lb uplift at joint 3 and 32 lb uplift at joint 4.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	V6	Truss	1	1	Job Reference (optional)

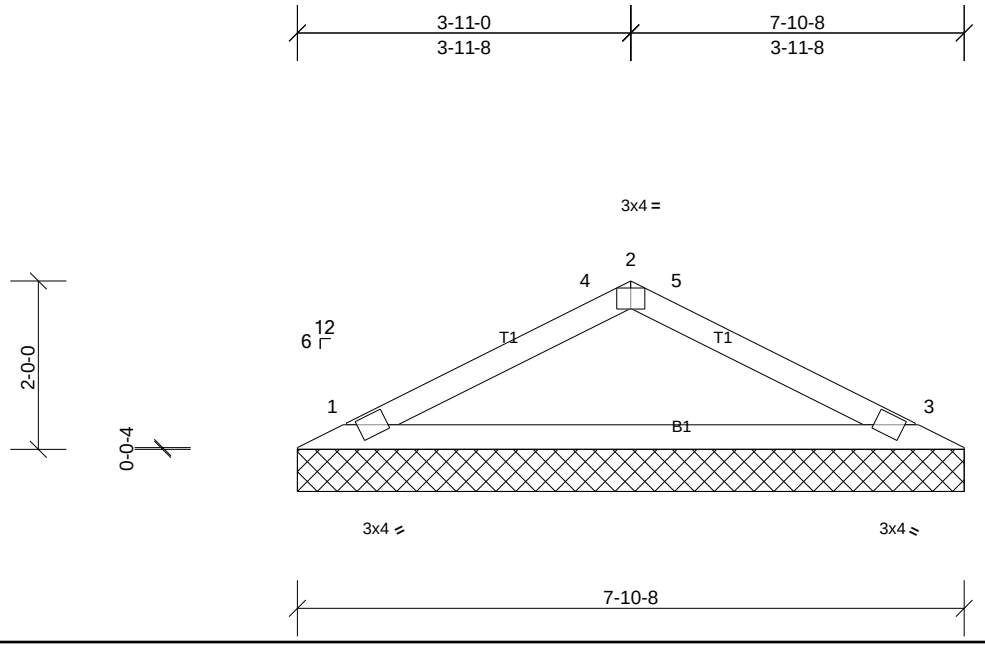


Plate Offsets (X, Y): [2:0-2-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.25	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	IRC2021/TPI2014	Matrix-SH							Weight: 23 lb	FT = 20%

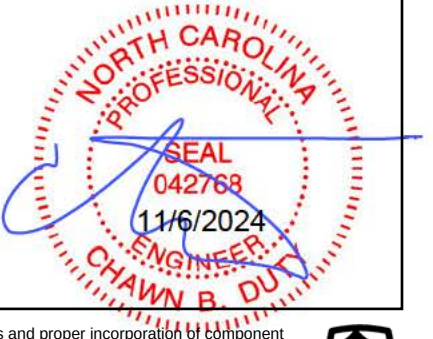
LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS (lb/size) 1=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)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-4=-339/190, 2-4=-279/199, 2-5=-279/199, 3-5=-339/190
BOT CHORD 1-3=-115/272

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-7-9 to 3-7-9, Exterior(2R) 3-7-9 to 4-4-7, Exterior(2E) 4-4-7 to 7-4-7 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
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint 1 and 37 lb uplift at joint 3.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72434959	V7	Truss	1	1	Job Reference (optional)

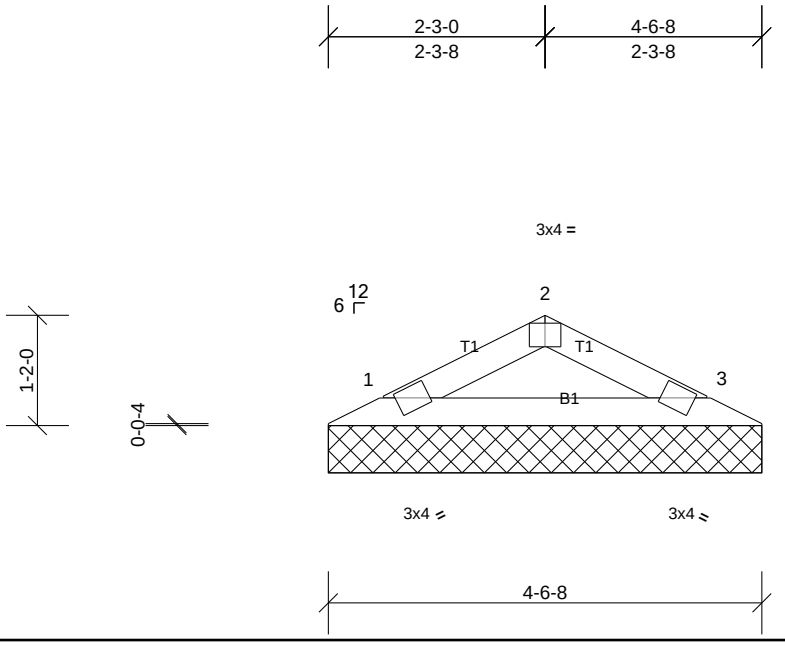


Plate Offsets (X, Y): [2:0-2-0,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-P							Weight: 13 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-8-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

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

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3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 19 lb uplift at joint 1 and 19 lb uplift at joint 3.