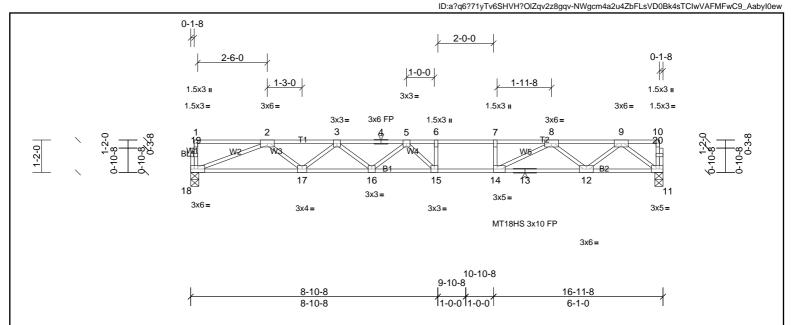
Job Truss Type MUNGO HOMES - TELFAIR 2ND FLR Truss Qty Ply **25 CBR** F200 6 1 72435959 Truss Job Reference (optional)

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

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Scale = 1:41.6 Dioto Offosto (V. V)

riale Offsels (A, 1).	[11.0-2-0,L0	gej, [14.0-1-6,Luge]										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.96	Vert(LL)	-0.30	15-16	>669	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.71	Vert(CT)	-0.41	15-16	>486	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.05	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 83 lb	FT = 20%F, 12%E

LUMBER **BRACING**

TOP CHORD TOP CHORD 2x4 SP No.1(flat) Structural wood sheathing directly applied, except end verticals. BOT CHORD **BOT CHORD** 2x4 SP SS(flat) Rigid ceiling directly applied or 10-0-0 oc bracing.

2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 11=913/0-3-8, (min. 0-1-8), 18=913/0-3-8, (min. 0-1-8)

[11:0-2-0 Edge] [14:0-1-8 Edge]

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

TOP CHORD 2-3=-2597/0, 3-4=-3455/0, 4-5=-3455/0, 5-6=-3525/0, 6-7=-3525/0, 7-8=-3525/0, 8-9=-1896/0

BOT CHORD $17 - 18 = 0/1991,\ 16 - 17 = 0/3172,\ 15 - 16 = 0/3655,\ 14 - 15 = 0/3525,\ 13 - 14 = 0/2649,\ 12 - 13 = 0/2649,\ 11 - 12 = 0/1141$

WEBS $7-14=-343/0,\ 2-18=-2135/0,\ 2-17=0/789,\ 3-17=-748/0,\ 3-16=0/368,\ 5-16=-320/0,\ 5-15=-419/309,\ 9-11=-1429/0,\ 9-12=0/983,\ 8-12=-980/0,\ 8-14=0/1121,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-12=0/983,\ 9-11=-1429/0,\ 9-11=0/983,\ 9-11=0/9$

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.





Page: 1

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	F201	Truss	1	1	Job Reference (optional)

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Page: 1

0-6-0 0-1-8 2-0-0 2-6-0 1-0-0 3x4 II 1.5x3 II 3x3= 5x5= 1.5x3= 3x5= 1.5x3 II 3x4 =3x3= 3x6 FP 1.5x3 II 3x3= 5 8 9 3 6 7 20 19 18 16 15 14 13 3x3= 3x4 II 5x6= 3x6= 3x3= 3x4= 1.5x3 II MT18HS 3x10 FF 3x4= 10-10-8 9-10-8 16-11-0 8-10-8 16-7-8 8-10-8 5-9-0 1-0-0 1-0-0 0-3-8

Scale = 1:45.4

Plate Offsets (X, Y):	[11:0-1-8,Ed	ge]										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.65	Vert(LL)	-0.26	17-18	>754	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.63	Vert(CT)	-0.36	17-18	>546	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.02	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 84 lb	FT = 20%F, 12%E

LUMBER BRACING

TOP CHORD 2x4 SP SS(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end BOT CHORD 2x4 SP SS(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 11=904/0-3-0, (min. 0-1-8), 20=898/0-3-8, (min. 0-1-8)

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

TOP CHORD $2 - 3 = -2542/0, \ 3 - 4 = -3362/0, \ 4 - 5 = -3362/0, \ 5 - 6 = -3404/0, \ 6 - 7 = -3404/0, \ 7 - 8 = -3404/0, \ 8 - 9 = -2483/0, \ 9 - 10 = -1031/0, \ 10 - 11 = -1036/0, \ 1$

BOT CHORD $19 - 20 = 0/1953,\ 18 - 19 = 0/3098,\ 17 - 18 = 0/3550,\ 16 - 17 = 0/3404,\ 15 - 16 = 0/3096,\ 14 - 15 = 0/3096,\ 13 - 14 = 0/1913$

WEBS 2-20 = -2095/0, 2-19 = 0/767, 3-19 = -723/0, 3-18 = 0/344, 5-18 = -295/0, 5-17 = -410/271, 11-13 = 0/1287, 9-13 = -1147/0, 9-14 = 0/742, 8-14 = -798/0, 7-16 = -622/0, 8-16 = 0/914

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached
- to walls at their outer ends or restrained by other means.

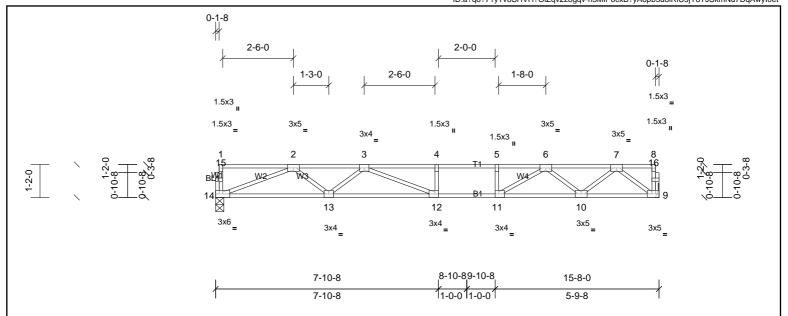
 Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in. 5)
- 6) CAUTION, Do not erect truss backwards.





Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	F202	Truss	3	1	Job Reference (optional)

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ID:a?q6?71yTv6SHVH?OIZqv2z8gqv-n5MIP6cxB?yA6pb3u8IRiU5jY8TJSkmNu7DqAwyl0et



Scale = 1:40.9

Plate Offsets (X, Y): [9:0-2-0,Edge], [11:0-1-8,Edge] [12:0-1-8,Edge]												
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.96	Vert(LL)	-0.31	12-13	>592	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.93	Vert(CT)	-0.42	12-13	>438	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.05	9	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 76 lb	FT = 20%F, 12%E

LUMBER BRACING

 TOP CHORD
 2x4 SP No.2(flat)
 TOP CHORD

 BOT CHORD
 2x4 SP No.1(flat)
 TOP CHORD

WEBS 2x4 SP No.3(flat)

OTHERS 2x4 SP No.3(flat)

BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

 REACTIONS
 (lb/size)
 9=842/ Mechanical, (min. 0-1-8), 14=842/0-3-8, (min. 0-1-8)

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

 TOP CHORD
 2-3=-2364/0, 3-4=-3053/0, 4-5=-3053/0, 5-6=-3053/0, 6-7=-1717/0

BOT CHORD 13-14=0/1823, 12-13=0/2826, 11-12=0/3053, 10-11=0/2388, 9-10=0/1048
WEBS 5-11=-322/0, 2-14=-1954/0, 2-13=0/704, 3-13=-602/0, 3-12=-60/583, 7-9=-1313/0, 7-10=0/870, 6-10=-874/0, 6-11=0/943

NOTES

- Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

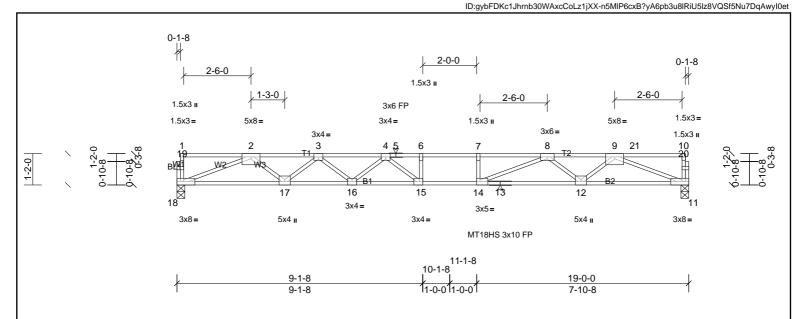


Structural wood sheathing directly applied or 2-2-0 oc purlins, except end



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR	
72435959	F203	Truss	9	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. N	Run: 8.81 S Sep	13 2024 Pri	nt: 8.810 S S	Sep 13 2024 MiTek Industries, Inc. Mon Nov 18 08:16:54	Page: 1	

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Scale = 1:43

Plate Offsets (X, Y):	[14:0-1-8,Ed	gej, [15:0-1-8,Edgej										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.80	Vert(LL)	-0.36	15-16	>617	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.80	Vert(CT)	-0.57	15	>398	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	NO	WB	0.83	Horz(CT)	0.09	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 92 lb	FT = 20%F, 12%E

LUMBER **BRACING**

TOP CHORD 2x4 SP SS(flat) TOP CHORD Structural wood sheathing directly applied or 5-6-11 oc purlins, except end BOT CHORD 2x4 SP SS(flat)

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS **OTHERS** 2x4 SP No.3(flat)

REACTIONS (lb/size) 11=1320/0-3-8, (min. 0-1-8), 18=1127/0-3-8, (min. 0-1-8)

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

TOP CHORD 2-3=-3394/0, 3-4=-4744/0, 4-5=-5465/0, 5-6=-5465/0, 6-7=-5465/0, 7-8=-5465/0, 8-9=-3718/0

BOT CHORD $17 - 18 = 0/2528,\ 16 - 17 = 0/4220,\ 15 - 16 = 0/5234,\ 14 - 15 = 0/5465,\ 13 - 14 = 0/4544,\ 12 - 13 = 0/4544,\ 11 - 12 = 0/2845$

WEBS $6-15=-350/0,\ 7-14=-346/0,\ 2-18=-2713/0,\ 2-17=0/1128,\ 3-17=-1075/0,\ 3-16=0/683,\ 4-16=-638/0,\ 4-15=-89/757,\ 8-14=0/1227,\ 8-12=-1075/0,\ 9-12=0/1137,\ 9-11=-3049/0,\ 9-12=0/1137,\$

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 4) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached

to walls at their outer ends or restrained by other means. LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

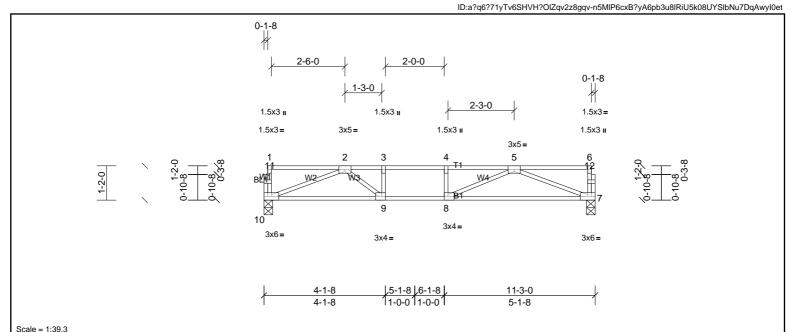
Vert: 11-18=-10, 1-4=-100, 4-21=-130, 10-21=-166





Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	F204	Truss	2	1	Job Reference (optional)

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Scale = 1:39.3

Plate Offsets (X, Y):	[8:0-1-8,Eag	ej, [9:0-1-8,Edgej										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.86	Vert(LL)	-0.15	7-8	>859	480	MT20	244/190
TCDL	30.0	Lumber DOL	1.00	BC	0.86	Vert(CT)	-0.29	7-8	>454	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.03	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 55 lb	FT = 20%F, 12%E

LUMBER BRACING

 TOP CHORD
 2x4 SP No.2(flat)
 TOP CHORD

 BOT CHORD
 2x4 SP No.2(flat)
 TOP CHORD

WEBS 2x4 SP No.3(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 7=816/0-3-8, (min. 0-1-8), 10=816/0-3-8, (min. 0-1-8)

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

TOP CHORD 2-3=-2128/0, 3-4=-2128/0, 4-5=-2128/0 BOT CHORD 9-10=0/1647, 8-9=0/2128, 7-8=0/1639

WEBS 3-9=-377/0, 2-10=-1762/0, 2-9=0/751, 5-7=-1754/0, 5-8=0/668

NOTES

- Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



Structural wood sheathing directly applied or 5-6-0 oc purlins, except end

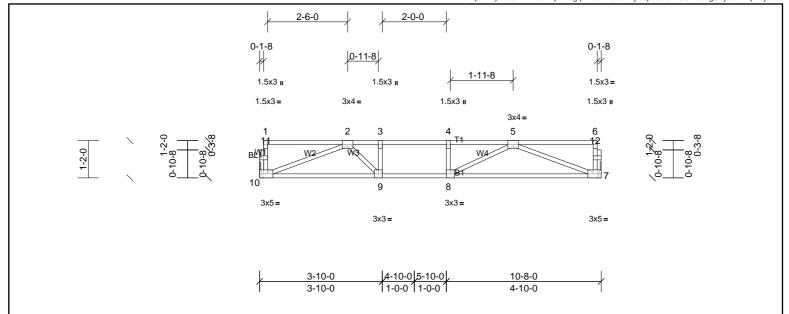




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Structural wood sheathing directly applied or 6-0-0 oc purlins, except end



Scale = 1:36.2

LUMBER

Plate Offsets (X, Y):	[7:0-2-0,Edg	je], [10:0-2-0,Edge]										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.65	Vert(LL)	-0.12	7-8	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.59	Vert(CT)	-0.19	7-8	>647	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.02	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 52 lb	FT = 20%F, 12%E

BRACING

TOP CHORD 2x4 SP No.2(flat) TOP CHORD **BOT CHORD** 2x4 SP No.2(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 7=567/ Mechanical, (min. 0-1-8), 10=567/ Mechanical, (min. 0-1-8) **FORCES** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-1396/0, 3-4=-1396/0, 4-5=-1396/0

BOT CHORD 9-10=0/1129, 8-9=0/1396, 7-8=0/1112 WEBS 3-9=-308/0, 2-10=-1207/0, 2-9=0/534, 5-7=-1190/0, 5-8=0/458

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/

3)

Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

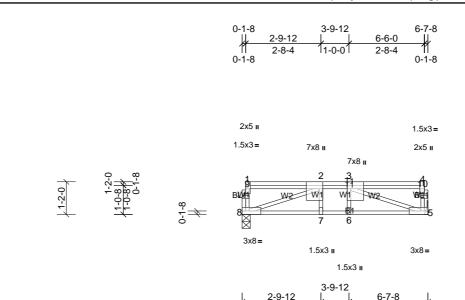




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	F206	Truss	1	1	Job Reference (optional)

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Page: 1



Scale = 1:41.3

Plate Offsets (X, Y): [2:0-3-0,Edge], [3:0-3-0,Edge]												
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.67	Vert(LL)	-0.09	5-6	>865	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.85	Vert(CT)	-0.12	5-6	>623	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.02	5	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 44 lb	FT = 20%F, 12%E

2-9-12

11-0-01

2-9-12

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD 2x4 SP No.1(flat) **BOT CHORD**

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 5=1247/ Mechanical, (min. 0-1-8), 8=1002/0-3-8, (min. 0-1-8) **FORCES** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 5-10=-254/0, 4-10=-253/0, 2-3=-2660/0 **BOT CHORD** 7-8=0/2660, 6-7=0/2660, 5-6=0/2660 WEBS 2-8=-2829/0, 3-5=-2815/0

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached

to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 5-8=-10, 1-4=-100

Concentrated Loads (lb)

Vert: 3=-1560

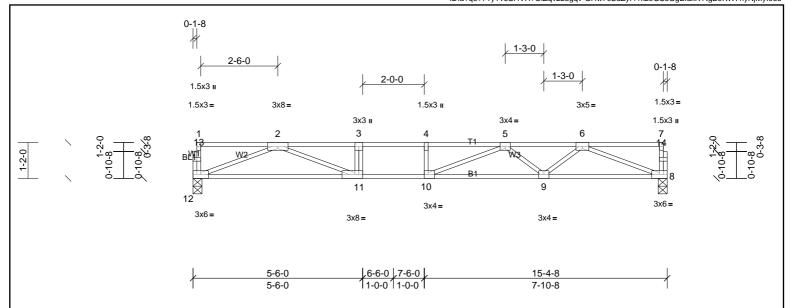


Structural wood sheathing directly applied or 6-0-0 oc purlins, except end



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	F207	Truss	2	1	Job Reference (optional)

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Scale = 1:37.5

Plate Offsets (X, Y):	[10:0-1-8,Ed	ge], [11:0-3-0,Edge]										
Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.76	Vert(LL)	-0.26	9-10	>694	480	MT20	244/190
TCDL	30.0	Lumber DOL	1.00	BC	0.67	Vert(CT)	-0.45	9-10	>402	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.05	8	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 75 lb	FT = 20%F, 12%E

LUMBER BRACING

TOP CHORD 2x4 SP No.1(flat) TOP CHORD Structural wood sheathing directly applied or 5-6-0 oc purlins, except end verticals.

WEBS 2x4 SP No.3(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 8=900/0-3-8, (min. 0-1-8), 12=900/0-3-8, (min. 0-1-8)

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

TOP CHORD 2-3=-3169/0, 3-4=-3169/0, 4-5=-3169/0, 5-6=-2511/0 BOT CHORD 11-12=0/1944, 10-11=0/3169, 9-10=0/3000, 8-9=0/1947

WEBS 3-11=-378/0, 2-12=-2084/0, 2-11=0/1350, 6-8=-2087/0, 6-9=0/735, 5-9=-636/0, 5-10=-51/486

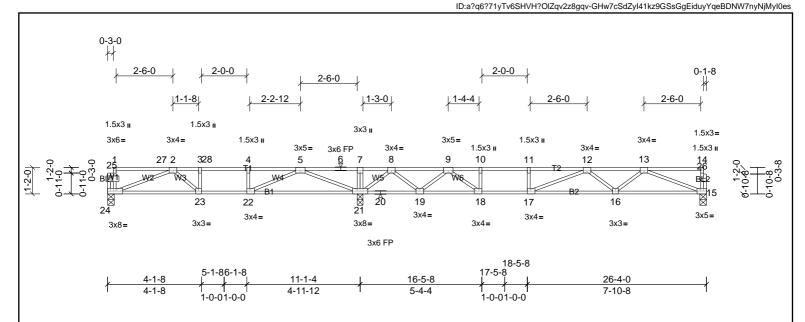
- Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.





Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR	
72435959	F208	Truss	6	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Joy Perry	Run: 8.81 S Sep	13 2024 Pri	nt: 8.810 S S	Sep 13 2024 MiTek Industries, Inc. Mon Nov 18 08:16:55	Page: 1

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Scale = 1:50.9

Plate Offsets (X, Y):	[15:0-2-0,Edge], [17:0-1-8,Edge], [18:0-1-8,Edge], [22:0-1-8,Edge], [24:0-3-8,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.91	Vert(LL)	-0.24	16-17	>768	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.86	Vert(CT)	-0.33	16-17	>555	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.45	Horz(CT)	0.04	15	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 128 lb	FT = 20%F, 12%E
						1					1	

LUMBER **BRACING**

TOP CHORD 2x4 SP No.1(flat) TOP CHORD BOT CHORD 2x4 SP No.1(flat) BOT CHORD

2x4 SP No.3(flat) **OTHERS** 2x4 SP No.3(flat) REACTIONS

(lb/size) 15=585/0-3-8, (min. 0-1-8), 21=1517/0-3-0, (min. 0-1-8), 24=575/0-3-8,

Max Grav

15=608 (LC 14), 21=1517 (LC 1), 24=612 (LC 8)

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

TOP CHORD 2 - 3 - 1431/0, 3 - 28 - 1431/0, 4 - 28 - 1431/0, 4 - 5 - 1431/0, 5 - 6 - 0/1095, 6 - 7 - 0/1095, 7 - 8 - 0/1087, 8 - 9 - 708/218, 9 - 10 - 1903/0, 10 - 11 - 1903/0, 11 - 12 - 1903/0, 12 - 13 - 1657/0, 12 - 1657/0, 12 - 165

BOT CHORD 23-24=0/1241, 22-23=0/1431, 21-22=0/781, 20-21=-418/140, 19-20=-418/140, 18-19=-10/1309, 17-18=0/1903, 16-17=0/1945, 15-16=0/1295, 12-12=0/1241, 12-12=0/1WEBS

 $4-22=-306/0,\ 10-18=-352/0,\ 2-24=-1315/0,\ 2-23=0/253,\ 5-21=-1635/0,\ 5-22=0/853,\ 8-21=-1081/0,\ 8-19=0/772,\ 9-19=-837/0,\ 9-18=0/878,\ 13-15=-1387/0,\ 13-16=0/471,\ 12-16=-376/0,\ 13-16=0/471,\ 12-16=-376/0,\ 13-16=0/471,\ 13-16=0/47$

12-17=-270/142

NOTES

WEBS

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 3x4 MT20 unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ TPI 1
- Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached 5) to walls at their outer ends or restrained by other means.

6) CAUTION. Do not erect truss backwards.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (lb/ft)

Vert: 15-24=-8, 1-27=-112, 27-28=-141, 7-28=-112, 7-14=-80



Structural wood sheathing directly applied or 6-0-0 oc purlins, except end

Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 19-21,18-19.

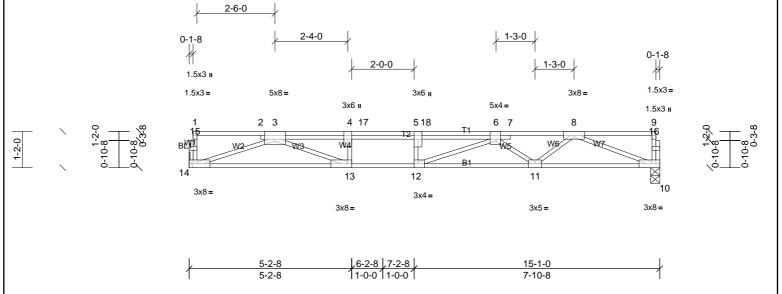


Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	F209	Truss	5	1	Job Reference (optional)

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Rigid ceiling directly applied or 10-0-0 oc bracing.

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Scale = 1:37.1

Plate Offsets (X, Y):	[3:0-4-0,Edg	e], [5:0-3-0,Edge], [6:0-	1-12,Edge], [12:0-1-8,Edge]	l, [13:0-1-8,Edge]							
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.97	Vert(LL)	-0.19	11-12	>925	480	MT20	244/190
TCDL	30.0	Lumber DOL	1.00	BC	0.66	Vert(CT)	-0.38	11-12	>464	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.86	Horz(CT)	0.06	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 84 lb	FT = 20%F, 12%E

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 4-1-9 oc purlins, except end BOT CHORD 2x4 SP SS(flat) BOT CHORD

2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 10=1135/0-3-8, (min. 0-1-8), 14=1144/ Mechanical, (min. 0-1-8) **FORCES** (lb) - Max, Comp./Max, Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD $3-4=-4248/0,\ 4-17=-4248/0,\ 5-17=-4248/0,\ 5-18=-4248/0,\ 6-18=-4248/0,\ 6-7=-3187/0,\ 7-8=-3188/0$ **BOT CHORD**

13-14=0/2649, 12-13=0/4248, 11-12=0/3909, 10-11=0/2439

WEBS $4-13 = -584/0, \ 3-14 = -2818/0, \ 3-13 = 0/1816, \ 8-10 = -2614/0, \ 8-11 = 0/975, \ 6-11 = -917/0, \ 6-12 = 0/710$

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 10-14=-10, 1-17=-140, 17-18=-176, 9-18=-140

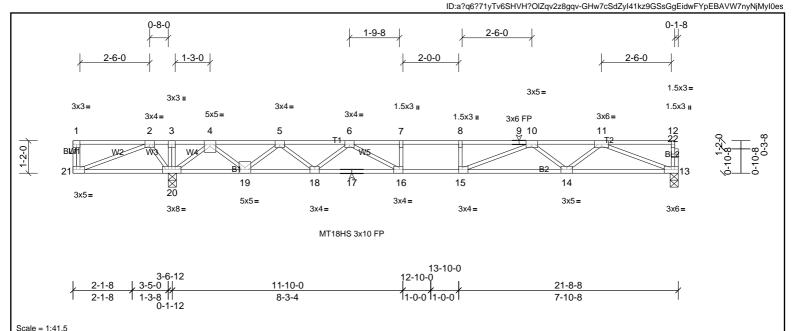






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Page: 1



Flate Offsets (A, 1).	[15.0-1-6,E0	igej, [16.0-1-6,Eugej, [2	11.0-2-0,Eugej									
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.83	Vert(LL)	-0.35	15-16	>621	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.95	Vert(CT)	-0.46	15-16	>467	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.63	Horz(CT)	0.07	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 108 lb	FT = 20%F, 12%E

LUMBER BRACING

TOP CHORD 2x4 SP No.2(flat) TOP CHORD

Structural wood sheathing directly applied or 2-2-0 oc purlins, except end **BOT CHORD** 2x4 SP No.1(flat) BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 13=949/0-3-8, (min. 0-1-8), 20=1405/0-3-8, (min. 0-1-8) Max Grav 13=975 (LC 4), 20=1405 (LC 1)

[15:0 1 9 Edge] [16:0 1 9 Edge] [21:0 2 0 Edge]

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD $2-3=0/612, \ 3-4=0/611, \ 4-5=-1942/0, \ 5-6=-3330/0, \ 6-7=-4164/0, \ 7-8=-4164/0, \ 8-9=-4164/0, \ 9-10=-4164/0, \ 10-11=-2838/0$

BOT CHORD $20-21-298/0,\ 19-20-239/1071,\ 18-19=0/2794,\ 17-18=0/3825,\ 16-17=0/3825,\ 15-16=0/4164,\ 14-15=0/3474,\ 13-14=0/2152$

WEBS 7-16 = -278/0, 8-15 = -256/0, 2-21 = 0/320, 2-20 = -514/0, 4-20 = -1585/0, 4-19 = 0/1175, 5-19 = -1146/0, 5-18 = 0/732, 6-18 = -692/0, 6-16 = -50/851, 11-13 = -2309/0, 11-14 = 0/893, 10-14 = -828/0, 11-14 = 0/893, 10-14 = 0/893,

10-15=0/1001

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ TPI 1
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached
- to walls at their outer ends or restrained by other means. CAUTION, Do not erect truss backwards. 5)

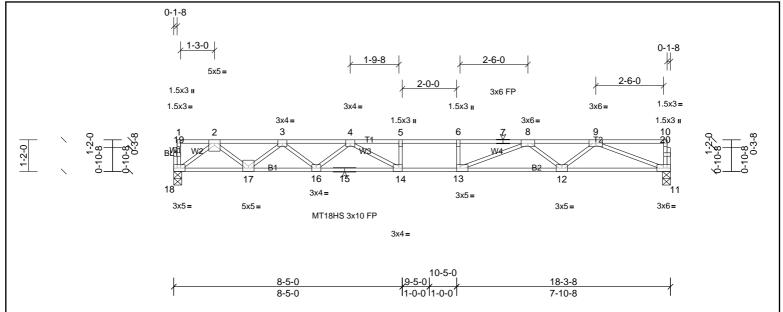








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Scale = 1:42.6

BCLL

BCDI

riale Offsets (X, 1).	[13.0-1-0,Lu	gej, [14.0-1-8,Eugej, [18.0-2-0,Eugej											
Loading	(psf)	Spacing	2-1-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	40.0	Plate Grip DOL	1.00	TC	0.83	Vert(LL)	-0.32	13-14	>667	480	MT18HS	244/190	
TCDI	10.0	Lumber DOI	1.00	BC:	0.71	Vert(CT)	-0.45	14	>485	360	MT20	244/190	

Horz(CT)

0.07

11

2-0-0 oc purlins (5-9-13 max.): 1-10 (Switched from sheeted: Spacing > 2-0-0).

n/a

Weight: 89 lb

FT = 20%F, 12%E

n/a

Rigid ceiling directly applied or 10-0-0 oc bracing.

0.67

BRACING

TOP CHORD

BOT CHORD

 LUMBER
 2x4 SP No.1(flat)

 TOP CHORD
 2x4 SP No.1(flat)

 BOT CHORD
 2x4 SP SS(flat)

 WEBS
 2x4 SP No.3(flat)

2x4 SP No.3(flat) 2x4 SP No.3(flat)

Rep Stress Incr

Code

REACTIONS (lb/size) 11=1027/0-3-8, (min. 0-1-8), 18=1027/0-3-8, (min. 0-1-8)

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

[13:0-1-8 Edge] [14:0-1-8 Edge] [18:0-2-0 Edge]

TOP CHORD 2-3=-2189/0, 3-4=-3605/0, 4-5=-4428/0, 5-6=-4428/0, 6-7=-4428/0, 7-8=-4428/0, 8-9=-2995/0

BOT CHORD 17-18=0/1287, 16-17=0/3061, 15-16=0/4107, 14-15=0/4107, 13-14=0/4428, 12-13=0/3672, 11-12=0/2268
WEBS 5-14=-254/0, 6-13=-276/0, 2-18=-1611/0, 2-17=0/1175, 3-17=-1135/0, 3-16=0/709, 4-16=-653/0, 4-14=-88/763, 9-11=-2433/0, 9-12=0/946, 8-12=-881/0, 8-13=0/1083

IRC2015/TPI2014

NO WB

Matrix-SH

NOTES

OTHERS

Unbalanced floor live loads have been considered for this design.

0.0

5.0

- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 4) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

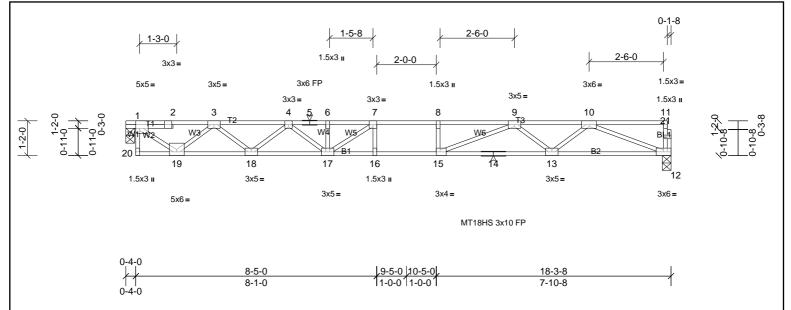


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Scale = 1:38.8

Plate Offsets (X, Y):	[1:0-1-8,Eag	ej, [15:0-1-8,Eagej										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defI	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.79	Vert(LL)	-0.32	15-16	>659	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	1.00	Vert(CT)	-0.44	15-16	>479	360	MT18HS	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.02	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 90 lb	FT = 20%F, 12%E

LUMBER BRACING

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 4-8-2 oc purlins, except end **BOT CHORD** 2x4 SP No.1(flat)

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 16-17 2x4 SP No.3(flat) WEBS **OTHERS** 2x4 SP No.3(flat)

1-4-12 oc bracing: 15-16.

REACTIONS (lb/size) 1=977/0-3-8, (min. 0-1-8), 12=971/0-3-8, (min. 0-1-8)

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

TOP CHORD 1-2=-1123/0, 2-3=-1119/0, 3-4=-2770/0, 4-5=-3829/0, 5-6=-3829/0, 6-7=-3829/0, 7-8=-4128/0, 8-9=-4128/0, 9-10=-2823/0

BOT CHORD $18 - 19 = 0/2095, \ 17 - 18 = 0/3415, \ 16 - 17 = 0/4128, \ 15 - 16 = 0/4128, \ 14 - 15 = 0/3453, \ 13 - 14 = 0/3453, \ 12 - 13 = 0/2142$

WEBS 1-19=0/1396, 3-19=-1271/0, 3-18=0/879, 4-18=-839/0, 4-17=0/529, 7-17=-752/124, 10-12=-2297/0, 10-13=0/887, 9-13=-821/0, 9-15=0/978, 10-12=-1297/0, 10-13=0/887,

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached
- to walls at their outer ends or restrained by other means.

 Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in. 5)
- 6) CAUTION, Do not erect truss backwards.





Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	F213	Truss	2	1	Job Reference (optional)

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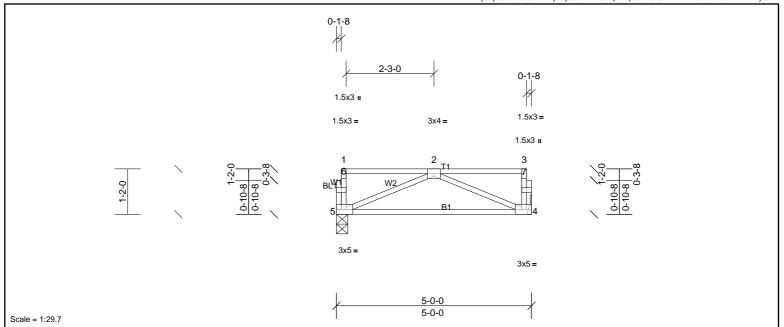


Plate Offsets (X, Y):	[4:0-2-0,Edg	je], [5:0-2-0,Edge]										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.32	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.30	Vert(CT)	-0.08	4-5	>686	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 27 lb	FT = 20%F, 12%E

LUMBER BRACING

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins, except end verticals.

WEBS 2x4 SP No.3(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

 REACTIONS
 (lb/size)
 4=255/ Mechanical, (min. 0-1-8), 5=255/0-3-8, (min. 0-1-8)

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

BOT CHORD 4-5=0/332

WEBS 2-5=-357/0, 2-4=-357/0

2x4 SP No.3(flat)

WEBS 2-3=-337/0, 2-4=-337/0

NOTES

OTHERS

- 1) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 2) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

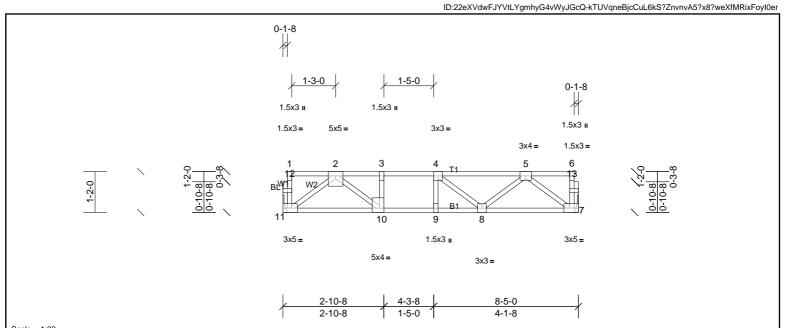




Job	Truss	Truss Type	Qty Ply		MUNGO HOMES - TELFAIR 2ND FLR
72435959	F214	Truss	3	1	Job Reference (optional)

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Scale = 1:33		

Plate Offsets (X, Y):	[7:0-2-0,Edg	[7:0-2-0,Edge], [10:0-1-8,Edge], [11:0-2-0,Edge]											
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	40.0	Plate Grip DOL	1.00	TC	0.83	Vert(LL)	-0.07	8-9	>999	480	MT20	244/190	
TCDL	10.0	Lumber DOL	1.00	BC	0.98	Vert(CT)	-0.13	8-9	>781	360			
BCLL	0.0	Rep Stress Incr	NO	WB	0.52	Horz(CT)	0.02	7	n/a	n/a			
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 44 lb	FT = 20%F, 12%E	

LUMBER BRACING

TOP CHORD 2x4 SP No.1(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end BOT CHORD 2x4 SP No.1(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 7=1086/ Mechanical, (min. 0-1-8), 11=1086/ Mechanical, (min. 0-1-8) **FORCES** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-2088/0, 3-4=-2088/0, 4-5=-1780/0

BOT CHORD 10-11=0/1254, 9-10=0/2088, 8-9=0/2088, 7-8=0/1344

WEBS 5-7=-1681/0, 2-11=-1562/0, 5-8=0/568, 2-10=0/1084, 4-8=-446/0, 3-10=-502/0

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- 4) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 7-11=-10, 1-6=-260





Job Truss Type MUNGO HOMES - TELFAIR 2ND FLR Truss Qty Ply FG1 1 72435959 Truss 1 Job Reference (optional)

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

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Rigid ceiling directly applied or 10-0-0 oc bracing

Page: 1

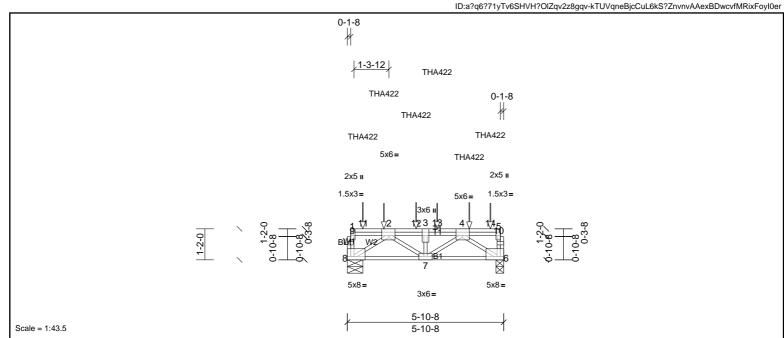


Plate Offsets (X, Y): [2:0-2-12,Edge], [4:0-2-12,Edge], [5:0-3-0,Edge], [6:Edge,
--

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.47	Vert(LL)	-0.03	7	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.78	Vert(CT)	-0.05	7	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.68	Horz(CT)	0.02	6	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 40 lb	FT = 20%F, 12%E

BOT CHORD

LUMBER BRACING

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins, except end 2x4 SP No.2(flat) **BOT CHORD**

2x4 SP No.3(flat) WEBS **OTHERS** 2x4 SP No.3(flat)

REACTIONS (lb/size) 6=2099/0-3-8, (min. 0-1-8), 8=2197/0-7-0, (min. 0-1-8)

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

TOP CHORD $8-9=-573/0,\ 1-9=-572/0,\ 6-10=-447/0,\ 5-10=-446/0,\ 2-12=-3179/0,\ 3-12=-3179/0,\ 3-13=-3179/0,\ 4-13=-3179$

BOT CHORD 7-8=0/2399, 6-7=0/2431

WEBS 2-8=-2859/0, 3-7=-1063/0, 2-7=0/957, 4-6=-2907/0, 4-7=0/918

NOTES

- 1) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 2) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means
- 3) Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent spaced at 2-0-0 oc max. starting at 0-7-0 from the left end to 4-7-0 to
- connect truss(es) to front face of top chord. Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent at 1-4-8 from the left end to connect truss(es) to back face of top chord.
- Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent spaced at 2-0-0 oc max. starting at 3-4-8 from the left end to 5-4-8 to 5)
- connect truss(es) to back face of top chord.
- Fill all nail holes where hanger is in contact with lumber. 6) 7) 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

Dead + Floor Live (balanced): Lumber Increase=1.00. Plate Increase=1.00 1)

Uniform Loads (lb/ft)

Vert: 6-8=-10, 1-5=-100

Concentrated Loads (lb)

Vert: 2=-467 (B), 4=-742 (F), 11=-772 (F), 12=-742 (F), 13=-467 (B), 14=-501 (B)



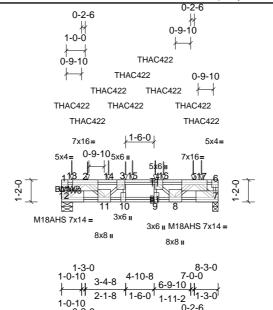


Job MUNGO HOMES - TELFAIR 2ND FLR Truss Truss Type Qty Ply FG2 72435959 Truss 1 1 Job Reference (optional)

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

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Page: 1 $ID: a?q6?71yTv6SHVH?OIZqv2z8gqv-kTUVqneBjcCuL6kS?ZnvnvA5_xANwa8fMRixFoyl0eraction and the property of the pr$



Scale = 1:61

[1:Edge,0-3-0], [3:0-3-0,Edge], [4:0-3-0,Edge], [6:0-1-8,Edge], [7:Edge,0-3-0], [9:0-3-0,Edge], [12:Edge,0-3-0] Plate Offsets (X, Y):

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.83	Vert(LL)	-0.07	10-11	>999	480	M18AHS	186/179
TCDL	10.0	Lumber DOL	1.00	BC	0.83	Vert(CT)	-0.13	10	>766	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	NO	WB	0.80	Horz(CT)	0.03	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 72 lb	FT = 20%F, 12%E

LUMBER **BRACING**

TOP CHORD 2x4 SP No.1(flat) TOP CHORD Structural wood sheathing directly applied or 5-4-12 oc purlins, except end BOT CHORD

2x4 SP SS(flat) BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing 2x4 SP No.3(flat) WEBS **OTHERS** 2x4 SP No.3(flat)

REACTIONS (lb/size) 7=4416/0-3-8, (min. 0-3-0), 12=4274/0-7-0, (min. 0-2-14) Max Grav 7=4446 (LC 4), 12=4274 (LC 1)

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

TOP CHORD $1-12 = -566/0, \, 6-7 = -368/0, \, 2-14 = -6834/0, \, 3-14 = -6834/0, \, 3-15 = -8947/0, \, 4-15 = -8947/0, \, 4-16 = -6969/0, \, 5-16 = -6969/0, \, 1-12 = -6969/$

BOT CHORD 11-12=0/4523, 10-11=0/8962, 9-10=0/8947, 8-9=0/8941, 7-8=0/4979

WEBS $3-10=-619/300,\ 4-9=-390/523,\ 2-12=-5835/0,\ 2-11=0/3349,\ 3-11=-3424/0,\ 5-8=0/3105,\ 4-8=-3345/0,\ 5-7=-6423/0$

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- All plates are MT20 plates unless otherwise indicated. 2)
- 3) The Fabrication Tolerance at joint 12 = 8%, joint 7 = 8%
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached 5)
- to walls at their outer ends or restrained by other means.

 Use Simpson Strong-Tie THAC422 (6-16d Girder, 6-16d Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-4-8 from the left end to 7-4-8 to 6)
- connect truss(es) to front face of top chord. 7) Use Simpson Strong-Tie THAC422 (6-16d Girder, 6-16d Truss) or equivalent spaced at 2-0-0 oc max. starting at 0-6-8 from the left end to 6-11-4 to
- connect truss(es) to back face of top chord Fill all nail holes where hanger is in contact with lumber.
- 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 + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 7-12=-10, 1-6=-100

Concentrated Loads (lb)

Vert: 3=-467 (F), 4=-1044 (B), 2=-467 (F), 5=-1044 (B), 13=-1074 (B), 14=-1044 (B), 15=-1044 (B), 16=-467 (F), 17=-1159 (F)

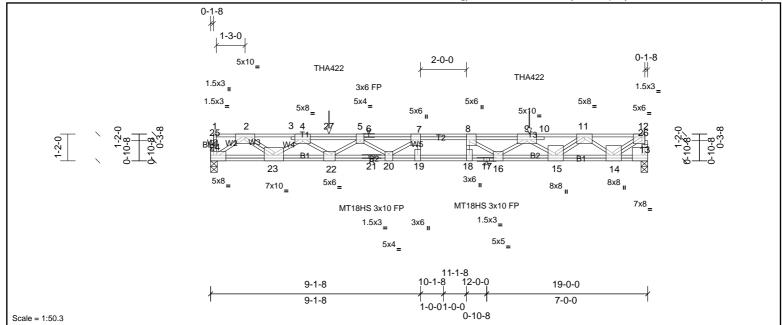




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	FG3	Truss	1	1	Job Reference (optional)

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[4:0-4-0,Edge], [5:0-2-0,Edge], [7:0-3-0,Edge], [8:0-3-0,Edge], [9:0-5-0,Edge], [12:0-1-8,Edge], [13:Edge,0-3-0], [14:0-3-0,Edge], [16:0-2-8,Edge], [18:0-3-0,Edge], [20:0-2-0,Edge], [20:0-2-0,Edge], [20:0-2-0,Edge], [20:0-1-8,0-0-8] Plate Offsets (X, Y):

ı.													
I	Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
ľ	TCLL	40.0	Plate Grip DOL	1.00	TC	0.99	Vert(LL)	-0.40	18-19	>563	480	MT18HS	244/190
ľ	TCDL	10.0	Lumber DOL	1.00	BC	0.72	Vert(CT)	-0.62	18-19	>364	360	MT20	244/190
1	BCLL	0.0	Rep Stress Incr	NO	WB	0.81	Horz(CT)	0.07	13	n/a	n/a		
	BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 141 lb	FT = 20%F, 12%E

LUMBER BRACING

2x4 SP SS(flat) TOP CHORD TOP CHORD Structural wood sheathing directly applied, except end verticals.

BOT CHORD 2x4 SP SS(flat) **BOT CHORD** Rigid ceiling directly applied or 10-0-0 oc bracing.

WEBS 2x4 SP No.3(flat) 2x4 SP No.3(flat) OTHERS

REACTIONS 13=1944/0-3-8, (min. 0-1-8), 24=1967/0-3-8, (min. 0-1-8) (lb/size)

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

TOP CHORD 13-26=-1933/0, 12-26=-1929/0, 2-3=-4670/0, 3-4=-4661/0, 4-27=-8576/0, 5-27=-8576/0, 5-6=-10043/0, 6-7=-10043/0, 7-8=-10167/0, 8-9=-9590/0, 9-10=-6748/0, 10-11=-6755/0, 10-11=-675/0, 10-11=-6755/0, 10

BOT CHORD

23-24=0/2743, 22-23=0/7198, 21-22=0/9921, 20-21=0/9921, 19-20=0/10167, 18-19=0/10167, 17-18=0/10167, 16-17=0/10167, 15-16=0/8997, 14-15=0/4915 WEBS

 $7-19=-316/390,\ 8-18=-357/350,\ 2-24=-3226/0,\ 4-23=-3093/0,\ 4-22=0/1708,\ 5-22=-1669/0,\ 5-20=-426/739,\ 7-20=-1072/768,\ 8-16=-1372/299,\ 9-16=0/1071,\ 9-15=-2742/0,\ 9-16=0/1071,\ 9-15=-2742/0,\ 9-16=0/1071$

11-14=-3045/0. 12-14=0/2939. 11-15=0/2425. 2-23=0/2545

NOTES

- Unbalanced floor live loads have been considered for this design. 1)
- All plates are MT20 plates unless otherwise indicated. 2)
- The Fabrication Tolerance at joint 17 = 12%, joint 21 = 12% 3)
- 4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent spaced at 8-8-8 oc max. starting at 5-1-12 from the left end to 13-10-4 to
- connect truss(es) to front face of top chord.
- Fill all nail holes where hanger is in contact with lumber. In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B). 8)

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 13-24=-10, 1-12=-100

Concentrated Loads (lb)

Vert: 9=-931 (F), 27=-931 (F)







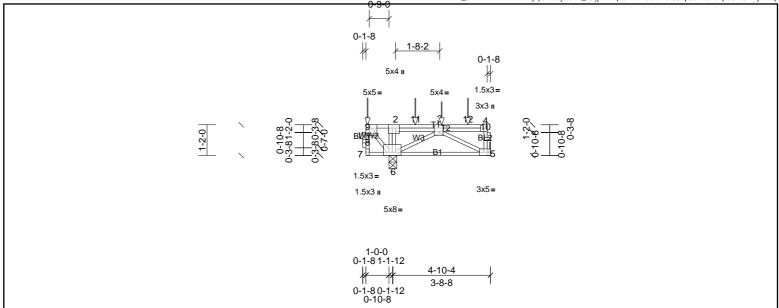
Job Truss Type MUNGO HOMES - TELFAIR 2ND FLR Truss Qty Ply FG4 2 1 72435959 Truss Job Reference (optional)

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

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Structural wood sheathing directly applied or 4-10-4 oc purlins, except end



Scale = 1:44

Plate Offsets (X, Y):	late Offsets (X, Y): [1:Edge,0-1-8], [3:0-1-8,Edge], [5:0-2-0,Edge]													
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP		
TCLL	40.0	Plate Grip DOL	1.00	TC	0.80	Vert(LL)	0.01	5-6	>999	480	MT20	244/190		
TCDL	10.0	Lumber DOL	1.00	BC	0.34	Vert(CT)	-0.01	5-6	>999	360				
BCLL	0.0	Rep Stress Incr	NO	WB	0.53	Horz(CT)	0.01	5	n/a	n/a				
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 34 lb	FT = 20%F, 12%E		

LUMBER **BRACING**

TOP CHORD 2x4 SP No.1(flat) TOP CHORD BOT CHORD 2x4 SP No.2(flat)

BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. 2x4 SP No.3(flat) WEBS

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 5=882/ Mechanical, (min. 0-1-8), 6=3279/0-3-8, (min. 0-1-11)

Max Grav 5=1031 (LC 4), 6=3279 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD $5\text{-}10\text{=-}567/0,\, 4\text{-}10\text{=-}566/0,\, 1\text{-}2\text{=-}0/1430,\, 2\text{-}11\text{=-}0/1394,\, 3\text{-}11\text{=-}0/1394}$

BOT CHORD 5-6=-144/865

WEBS 2-6=-678/0, 1-6=-2095/0, 3-6=-2194/0, 3-5=-946/182

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
- Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached 5) to walls at their outer ends or restrained by other means.
- 6) CAUTION, Do not erect truss backwards.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1044 lb down at 0-2-4, 986 lb down at 2-0-0, and 155 lb down at 3-0-0, and 1003 lb down at 4-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 8) 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 + Floor Live (balanced): Lumber Increase=1.00. Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 5-7=-10, 1-2=-180, 2-4=-100

Concentrated Loads (lb)

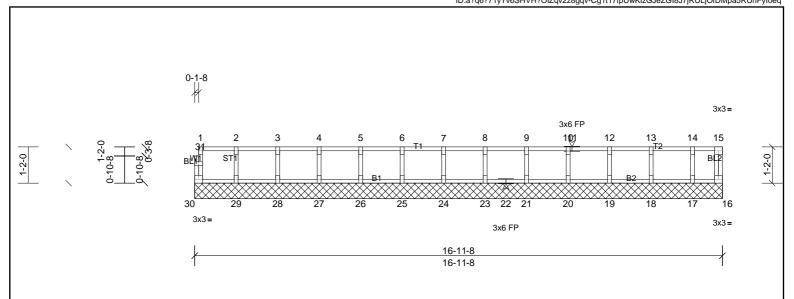
Vert: 1=-1438 (F=-1038), 3=-155 (B), 11=-986 (F), 12=-1003 (F)







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Scale = 1:37.2

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	16	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 72 lb	FT = 20%F, 12%E

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP No.2(flat)
 TOP CHORD

 TOP CHORD
 2x4 SP No.2(flat)

 BOT CHORD
 2x4 SP No.2(flat)

 WEBS
 2x4 SP No.3(flat)

 OTHERS
 2x4 SP No.3(flat)

BOT CHORD

REACTIONS All bearings 16-11-8.

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 16, 17, 18, 19, 20, 21, 23, 24, 25,

26, 27, 28, 29, 30

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

NOTES

- 1) All plates are 1.5x3 MT20 unless otherwise indicated.
- 2) Gable requires continuous bottom chord bearing.
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- 5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



Structural wood sheathing directly applied or 6-0-0 oc purlins, except end

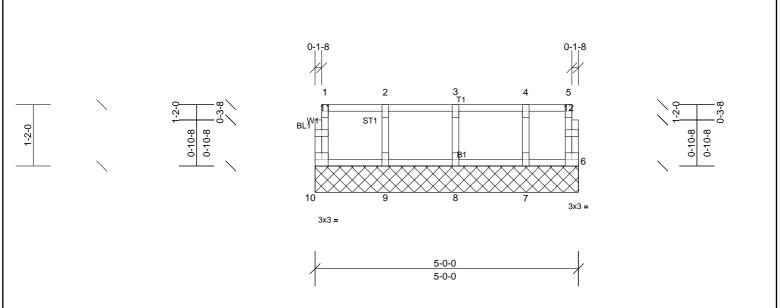
Rigid ceiling directly applied or 10-0-0 oc bracing.

verticals



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	K201	Truss	2	1	Job Reference (optional)

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Scale = 1:22

Loading (psf)	Spacing	2-0-0	CSI	1	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	6	n/a	n/a		
BCDL 5.0	Code	IRC2015/TPI2014	Matrix-R	I						Weight: 24 lb	FT = 20%F, 12%E

BOT CHORD

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP No.2(flat)
 TOP CHORD

 TOP CHORD
 2x4 SP No.2(flat)

 BOT CHORD
 2x4 SP No.2(flat)

 WEBS
 2x4 SP No.3(flat)

 OTHERS
 2x4 SP No.3(flat)

2x4 SP No.3(flat)
All bearings 5-0-0.

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 6, 7, 8, 9, 10

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

NOTES

REACTIONS

- 1) All plates are 1.5x3 MT20 unless otherwise indicated.
- 2) Gable requires continuous bottom chord bearing.
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- 5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



Structural wood sheathing directly applied or 5-0-0 oc purlins, except end

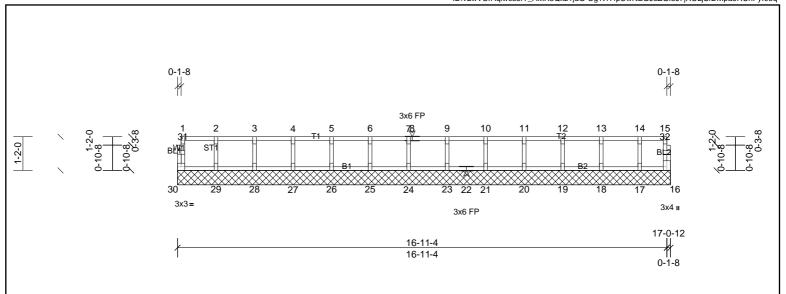
Rigid ceiling directly applied or 10-0-0 oc bracing.

verticals





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Scale = 1:40.1

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	16	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 72 lb	FT = 20%F, 12%E

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2(flat) BOT CHORD 2x4 SP No.2(flat) WEBS 2x4 SP No.3(flat) OTHERS 2x4 SP No.3(flat)

BOT CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals

Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS All bearings 17-0-12.

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 16, 17, 18, 19, 20, 21, 23, 24, 25,

26, 27, 28, 29, 30

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

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 MT20 unless otherwise indicated.
- 3) Gable requires continuous bottom chord bearing.
- 4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 5) Gable studs spaced at 1-4-0 oc.
- Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing 6) surface
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 8)

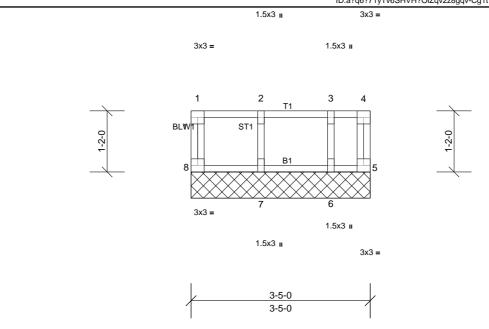




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	K203	Truss	1	1	Job Reference (optional)

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Scale = 1:22.1

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 18 lb	FT = 20%F, 12%E

BOT CHORD

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP No.2(flat)
 TOP CHORD

TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

OCTUSED 2x4 SP No.3(flat)

OTHERS 2x4 SP No.3(flat) **REACTIONS** All bearings 3-5-0.

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 5, 6, 7, 8

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

NOTES

- 1) Gable requires continuous bottom chord bearing.
- 2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.
- 4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



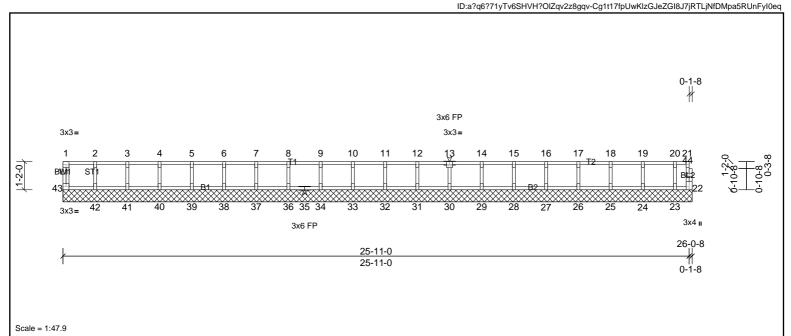
Structural wood sheathing directly applied or 3-5-0 oc purlins, except end

Rigid ceiling directly applied or 10-0-0 oc bracing.





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DEFL

Vert(LL)

Vert(TL)

Horiz(TL)

0.08

0.02

0.03

TOP CHORD

BOT CHORD

in (loc)

n/a

n/a

0.00

I/defI

n/a

n/a 999

n/a

Rigid ceiling directly applied or 10-0-0 oc bracing.

22

L/d

999

PLATES

Weight: 108 lb

244/190

FT = 20%F, 12%E

MT20

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) BOT CHORD 2x4 SP No.2(flat)

WEBS 2x4 SP No.3(flat) OTHERS 2x4 SP No.3(flat)

REACTIONS All bearings 26-0-8

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 22, 23, 24, 25, 26, 27, 28, 29, 30,

31, 32, 33, 34, 36, 37, 38, 39, 40, 41, 42, 43

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

NOTES

Loading

TCLL

TCDL

BCLL

BCDL

1) All plates are 1.5x3 MT20 unless otherwise indicated.

(psf)

40.0

10.0

0.0

5.0

Spacing

Code

Plate Grip DOL

Rep Stress Incr

Lumber DOL

- 2) Gable requires continuous bottom chord bearing
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- Bearing at joint(s) 22 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing 5) surface
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/

2-0-0 CSI

1.00 TC

1.00 BC

YES WB

Matrix-R

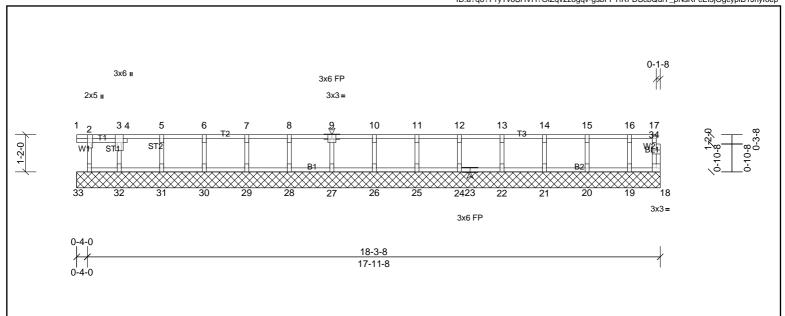
IRC2015/TPI2014

7) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.





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Scale = 1:36.3 Diota Offosto (V. V)

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	18	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 77 lb	FT = 20%F, 12%E

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD **BOT CHORD** 2x4 SP No.2(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS

OTHERS 2x4 SP No.3(flat) REACTIONS All bearings 18-3-8

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 18, 19, 20, 21, 22, 24, 25, 26, 27,

28, 29, 30, 31, 32, 33

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

NOTES

1) All plates are 1.5x3 MT20 unless otherwise indicated.

[2:0 2 0 Edgo]

- 2) Gable requires continuous bottom chord bearing.
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web). 3)
- 4) Gable studs spaced at 1-4-0 oc.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ 5)
- Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 6)
- 7) CAUTION, Do not erect truss backwards.



Structural wood sheathing directly applied or 6-0-0 oc purlins, except end

