

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

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

Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Mon Nov 18 08:16:54

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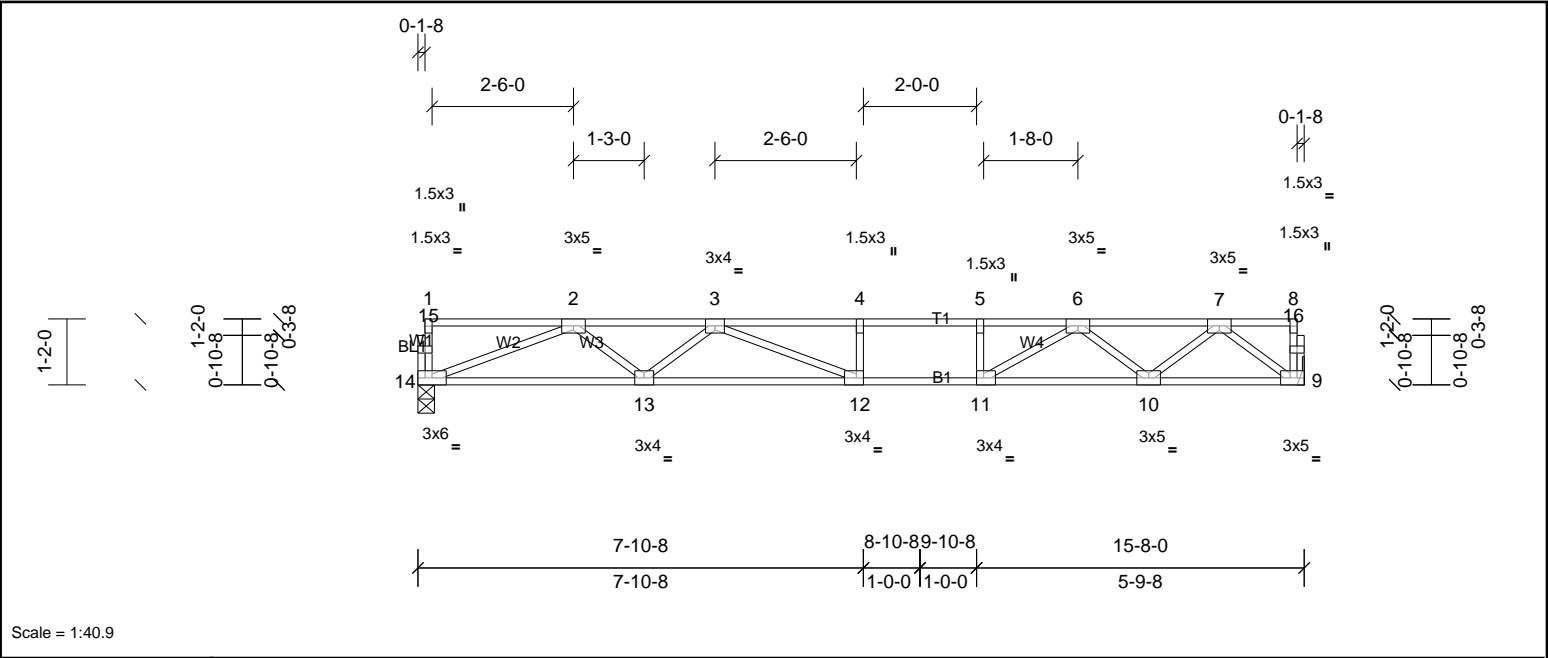


Plate Offsets (X, Y): [9:0-2-0,Edge], [11:0-1-8,Edge], [12:0-1-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.96	Vert(LL)	-0.31	12-13	>592	480	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	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.1(flat)		BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	2x4 SP No.3(flat)			
OTHERS	2x4 SP No.3(flat)			

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

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/TPI 1.

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.



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



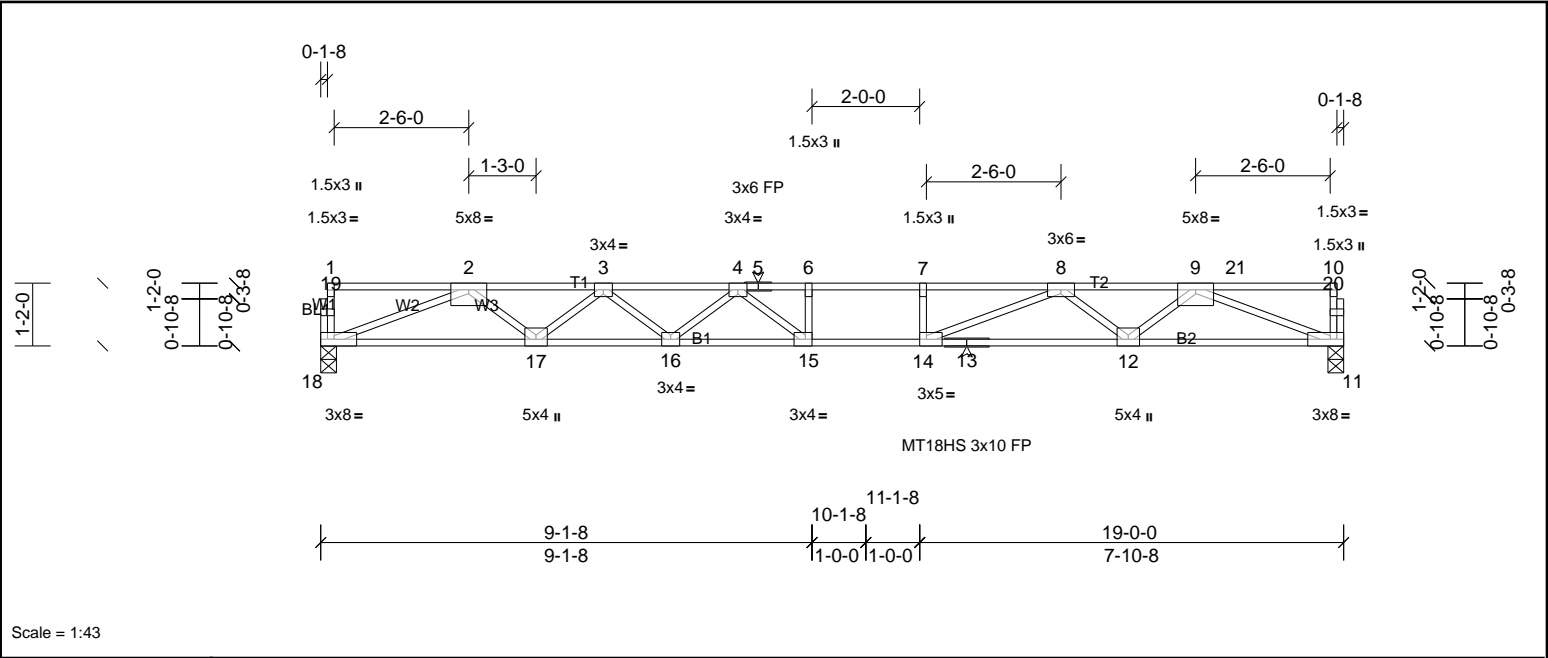
Job 72435959	Truss F203	Truss Type Truss	Qty 9	Ply 1	MUNGO HOMES - TELFAIR 2ND FLR Job Reference (optional)
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Scale = 1:43	Plate Offsets (X, Y): [14:0-1-8,Edge], [15:0-1-8,Edge]
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Loading	(psf)	Spacing	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 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)		
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	

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - All plates are MT20 plates unless otherwise indicated.
 - 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 to walls at their outer ends or restrained by other means.
- LOAD CASE(S)** Standard
- 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



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



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

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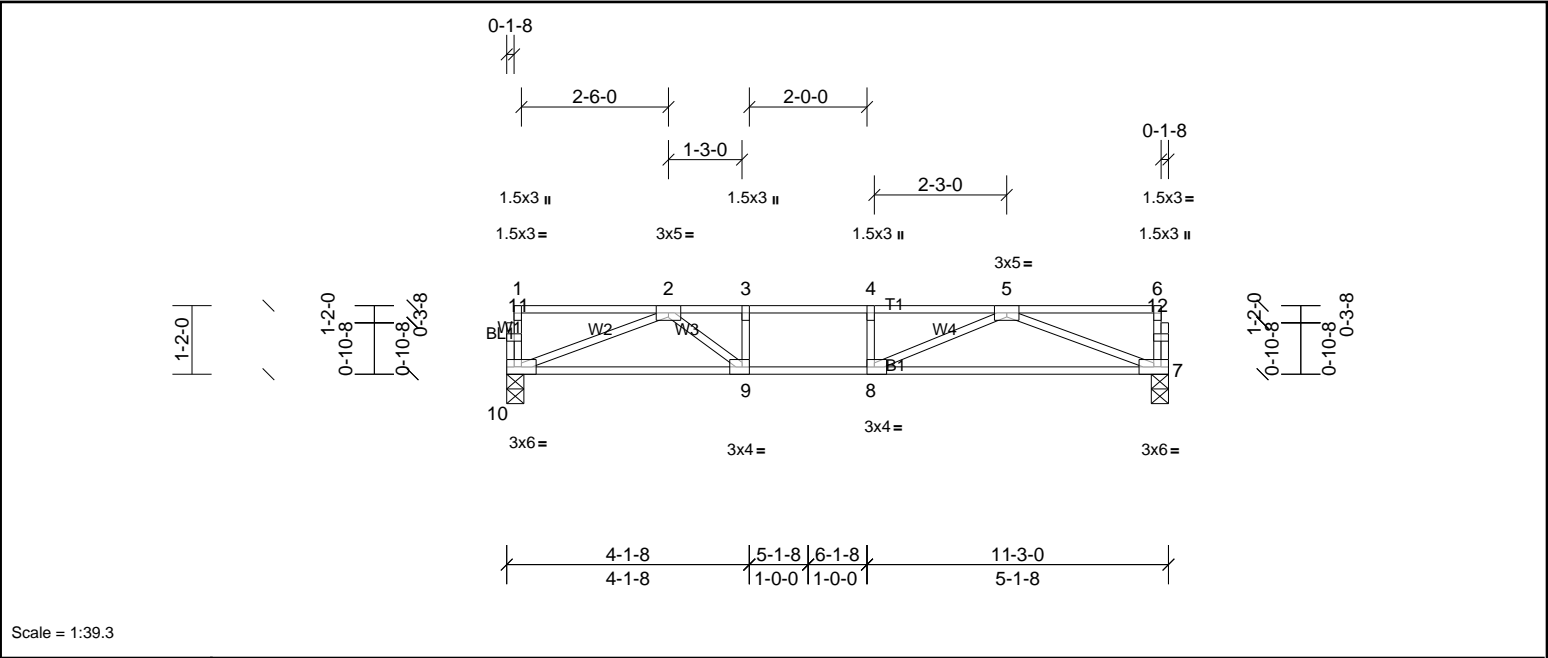


Plate Offsets (X, Y): [8:0-1-8,Edge], [9:0-1-8,Edge]

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	0.86	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	Structural wood sheathing directly applied or 5-6-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3(flat)		
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.
 - 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.
 - 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 72435959	Truss F205	Truss Type Truss	Qty 3	Ply 1	MUNGO HOMES - TELFAIR 2ND FLR Job Reference (optional)
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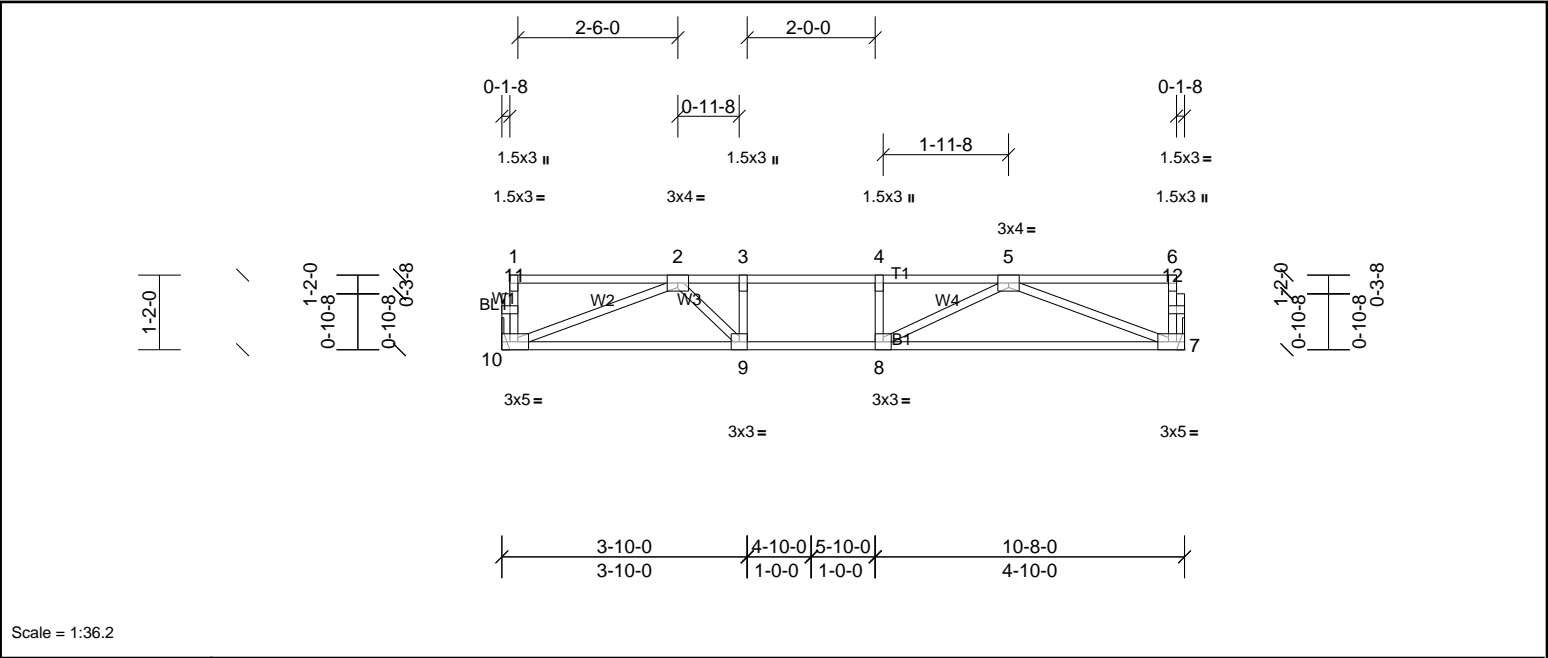


Plate Offsets (X, Y): [7:0-2-0,Edge], [10:0-2-0,Edge]												
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.65	Vert(LL)	-0.12	7-8	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.59	Vert(CT)	-0.19	7-8	>647	360		
BCLL	0.0	Rep Stress Incr	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

LUMBER
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)

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

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/TPI 1.
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	F207	Truss	2	1	Job Reference (optional)

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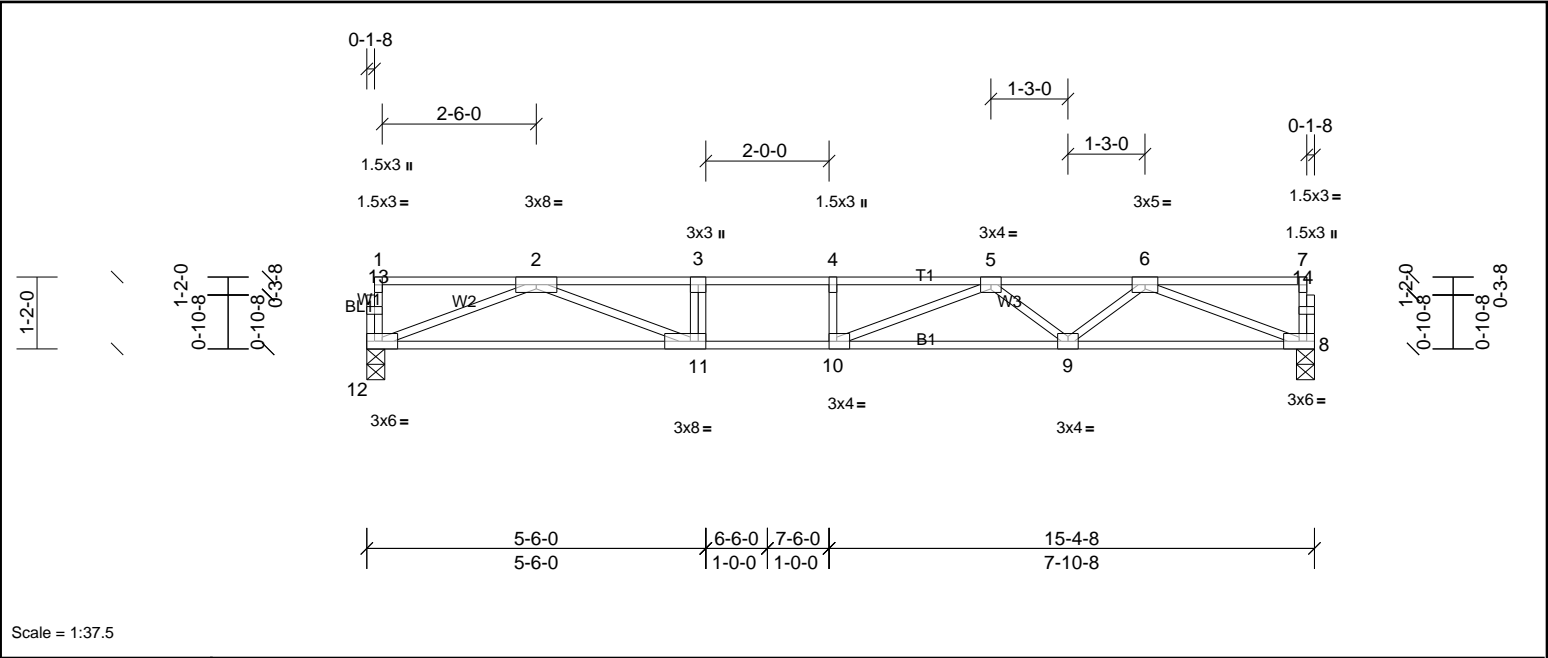


Plate Offsets (X, Y):												[10:0-1-8,Edge], [11:0-3-0,Edge]						
Loading		(psf)	Spacing		1-7-3	CSI		DEFL		in	(loc)	I/defl	L/d	PLATES		GRIP		
TCLL		40.0	Plate Grip DOL		1.00	TC		0.76	Vert(LL)		-0.26	9-10	>694	480	MT20		244/190	
TCDL		30.0	Lumber DOL		1.00	BC		0.67	Vert(CT)		-0.45	9-10	>402	360				
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
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP SS(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

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/TPI 1.
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.



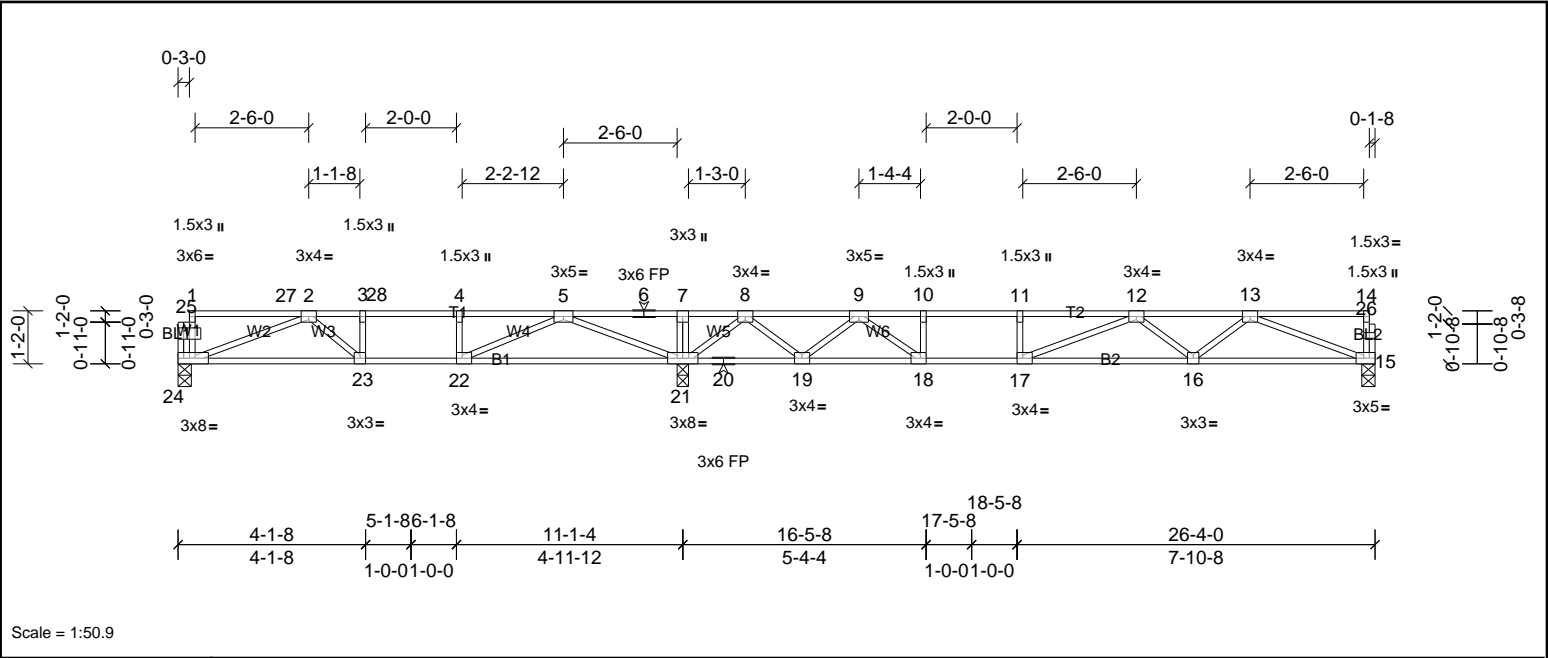
Job 72435959	Truss F208	Truss Type Truss	Qty 6	Ply 1	MUNGO HOMES - TELFAIR 2ND FLR Job Reference (optional)
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Scale = 1:50.9

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)	I/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

LUMBER		BRACING	
TOP CHORD	2x4 SP No.1(flat)	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.1(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
WEBS	2x4 SP No.3(flat)		6-0-0 oc bracing: 19-21,18-19.
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, (min. 0-1-8)
	Max Grav	15=608 (LC 14), 21=1517 (LC 1), 24=612 (LC 8)

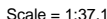
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-1431/0, 3-28=-1431/0, 4-28=-1431/0, 4-5=-1431/0, 5-6=0/1095, 6-7=0/1095, 7-8=0/1087, 8-9=-708/218, 9-10=-1903/0, 10-11=-1903/0, 11-12=-1903/0, 12-13=-1657/0
BOT CHORD	23-24=0/1241, 22-23=0/1431, 21-22=0/781, 20-21=-418/140, 19-20=-418/140, 18-19=-10/1309, 17-18=0/1903, 16-17=0/1945, 15-16=0/1295
WEBS	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, 12-17=-270/142

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - All plates are 3x4 MT20 unless otherwise indicated.
 - 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 10-0-0-0 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.

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



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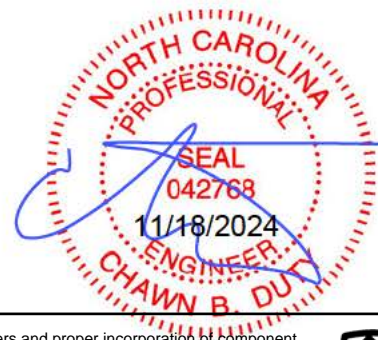
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.97	Vert(LL)	-0.19	11-12	>925	480	MT20	244/190
TCDL	30.0	Lumber DOL	1.00	BC	0.66	Vert(CT)	-0.38	11-12	>464	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.86	Horz(CT)	0.06	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014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

REACTIONS	(lb/size)	10=1135/0-3-8, (min. 0-1-8), 14=1144/ Mechanical, (min. 0-1-8)
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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

- 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/TPI 1.
- 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



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



UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Mon Nov 18 08:16:55 Page: 1
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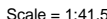
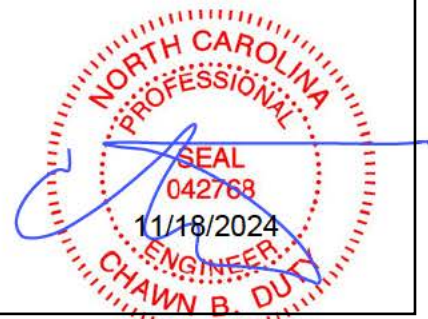


Plate Offsets (X, Y):	[15:0-1-8,Edge], [16:0-1-8,Edge], [21:0-2-0,Edge]
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LUMBER		BRACING	
TOP CHORD	2x4 SP No.2(flat)	TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.1(flat)	BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	2x4 SP No.3(flat)		
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)	
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, 10-15=0/1001		

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/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.
- 5) CAUTION. Do not erect truss backwards.



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



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	F211	Truss	3	1	Job Reference (optional)

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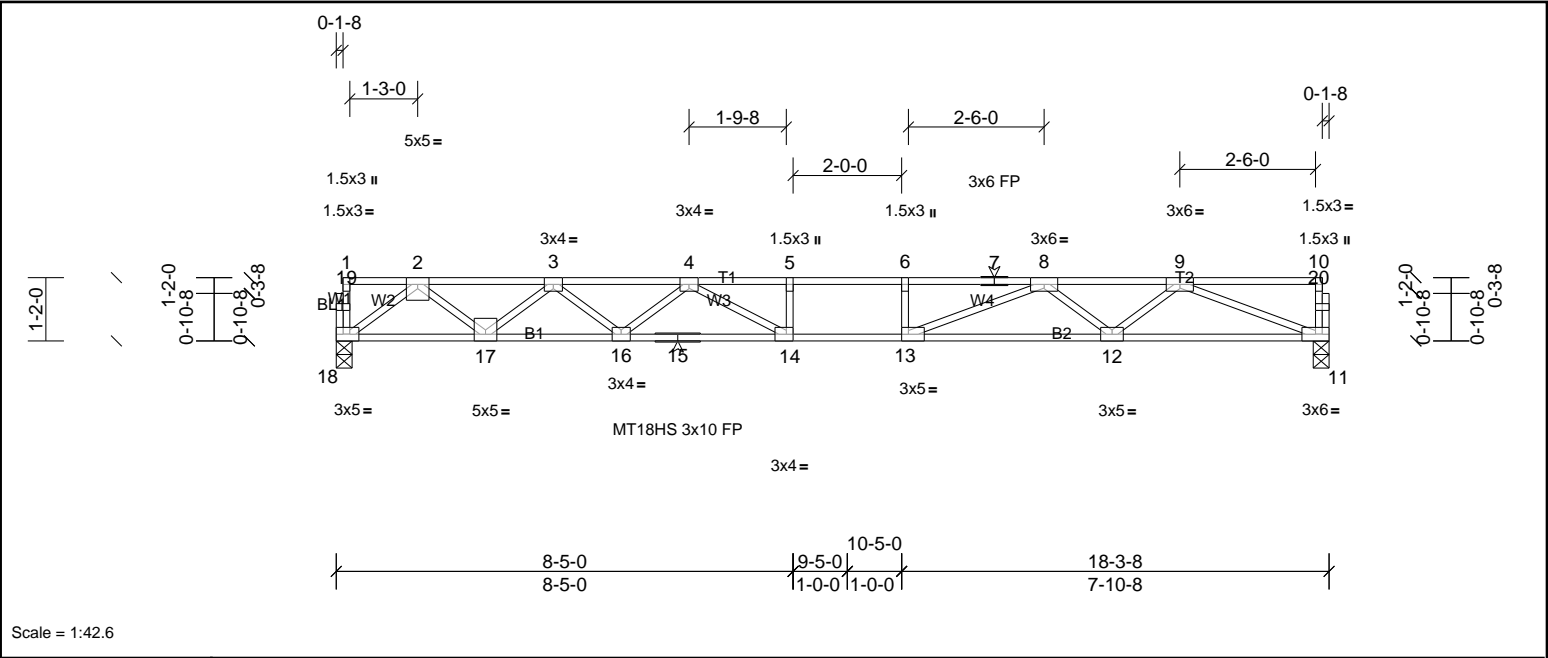


Plate Offsets (X, Y): [13:0-1-8,Edge], [14:0-1-8,Edge], [18:0-2-0,Edge]

Loading	(psf)	Spacing	2-1-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP	
TCLL	40.0	Plate Grip DOL	1.00	TC	0.83	Vert(LL)	-0.32	13-14	>667	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.71	Vert(CT)	-0.45	14	>485	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	NO	WB	0.67	Horz(CT)	0.07	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 89 lb	FT = 20%F, 12%E

LUMBER		BRACING	
TOP CHORD	2x4 SP No.1(flat)	TOP CHORD	2-0-0 oc purlins (5-9-13 max.); 1-10
BOT CHORD	2x4 SP SS(flat)		(Switched from sheeted: Spacing > 2-0-0).
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) 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.

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

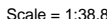
BOT CHORD 17-18=0/1287, 16-17=0/3061, 15-16=0/4107, 14-15=0/4107, 13-14=0/4428, 12-13=0/3672, 11-12=0/2268

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

- NOTES
- Unbalanced floor live loads have been considered for this design.
 - All plates are MT20 plates unless otherwise indicated.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - 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.

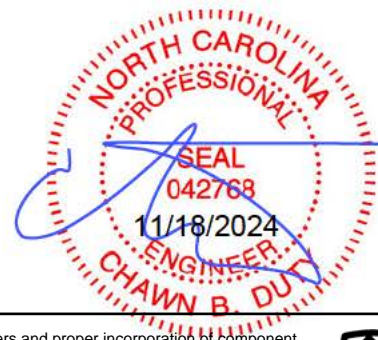


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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.79	Vert(LL)	-0.32	15-16	>659	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	1.00	Vert(CT)	-0.44	15-16	>479	360	MT18HS	244/190
BCLL	0.0	Rep Stress 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

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



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

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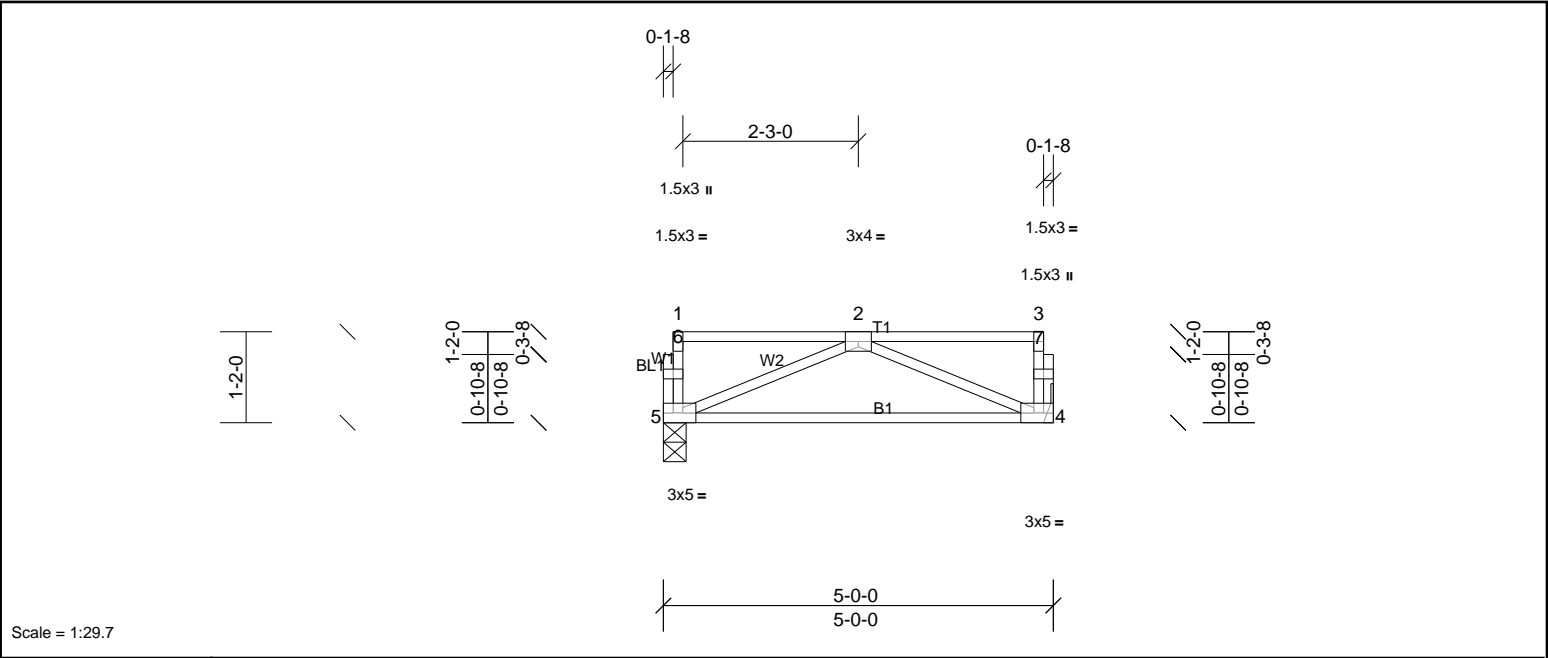


Plate Offsets (X, Y):		[4:0-2-0,Edge], [5:0-2-0,Edge]										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.32	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.30	Vert(CT)	-0.08	4-5	>686	360		
BCLL	0.0	Rep Stress Incr	YES	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.
BOT CHORD	2x4 SP No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3(flat)		
OTHERS	2x4 SP No.3(flat)		
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		

- 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/TPI 1.
 - 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.



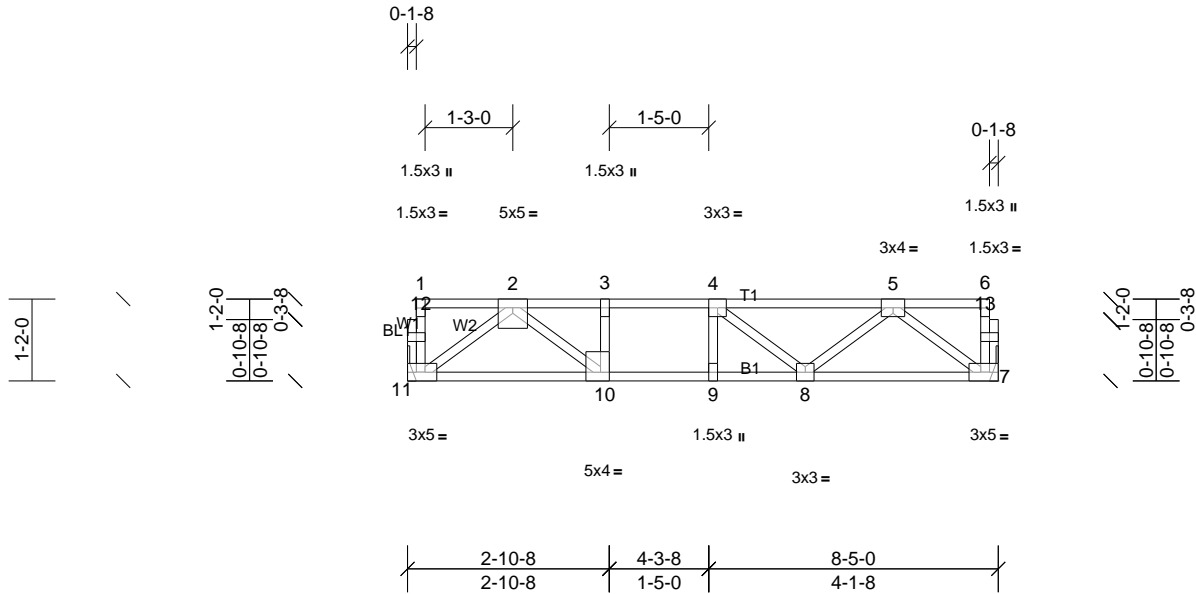
Job 72435959	Truss F214	Truss Type Truss	Qty 3	Ply 1	MUNGO HOMES - TELFAIR 2ND FLR Job Reference (optional)
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Scale = 1:33

Plate Offsets (X, Y): [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 verticals.
BOT CHORD	2x4 SP No.1(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3(flat)		
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
- Unbalanced floor live loads have been considered for this design.
 - 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.
 - 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 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	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	FG1	Truss	1	1	Job Reference (optional)

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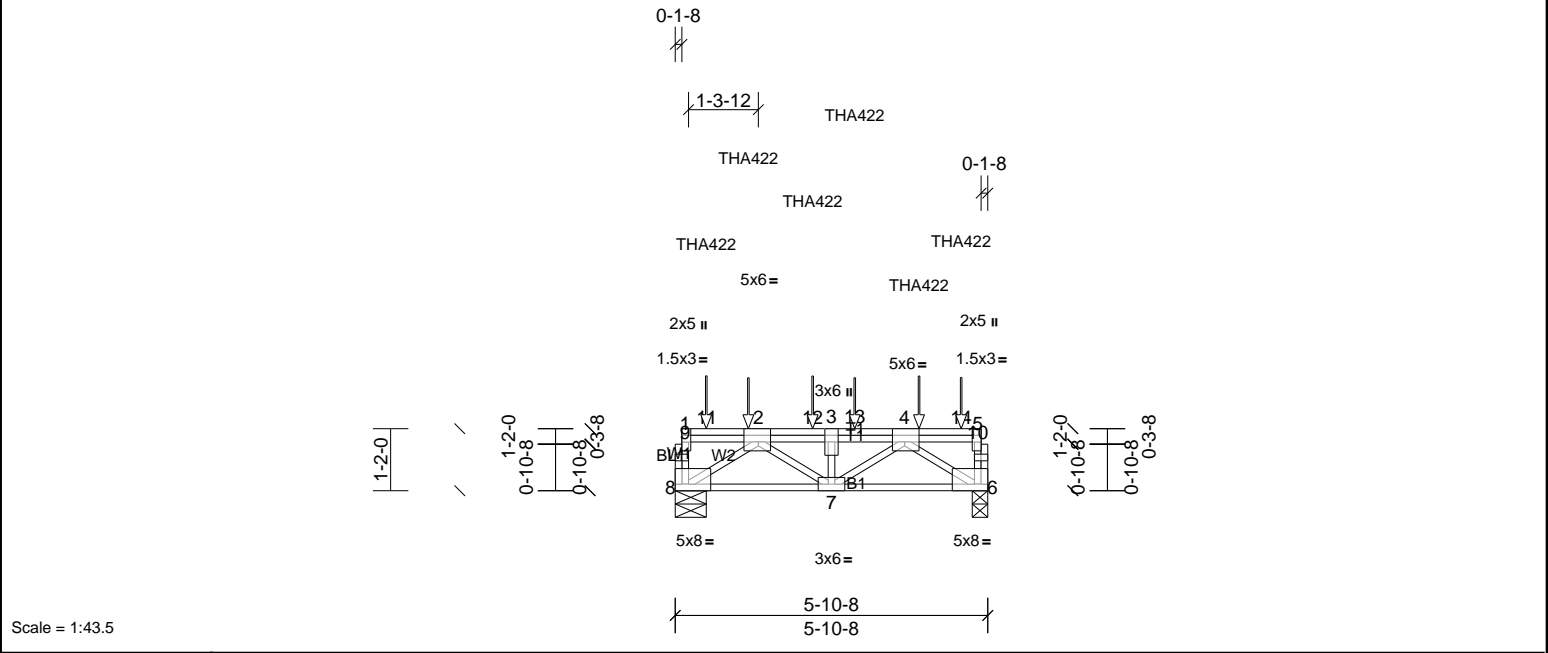


Plate Offsets (X, Y): [2:0-2-12,Edge], [4:0-2-12,Edge], [5:0-3-0,Edge], [6:Edge,0-1-8], [8:Edge,0-1-8]

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

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2(flat)	TOP CHORD	Structural wood sheathing directly applied or 5-10-8 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3(flat)		
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=-3179/0	
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**
- 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.
 - 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 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 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: 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)	



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

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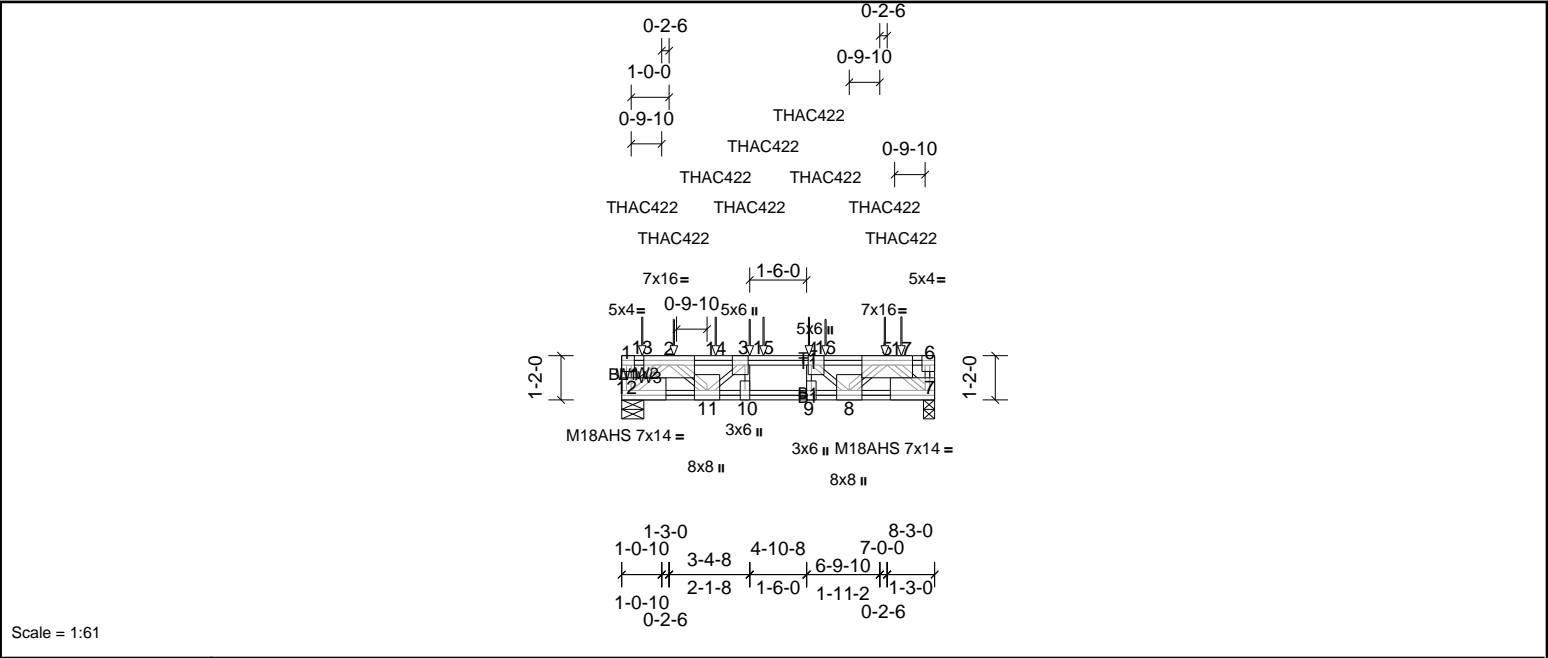


Plate Offsets (X, Y): [1:Edge,0-3-0], [3:0-3-0,Edge], [4:0-3-0,Edge], [6:0-1-8,Edge], [7:Edge,0-3-0], [9:0-3-0,Edge], [12:Edge,0-3-0]												
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	L/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.83	Vert(LL)	-0.07	10-11	>999	480	M18AHS	186/179
TCDL	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 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)		
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
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**
- Unbalanced floor live loads have been considered for this design.
 - All plates are MT20 plates unless otherwise indicated.
 - 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/TPI 1.
 - 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 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 connect truss(es) to front face of top chord.
 - 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)

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

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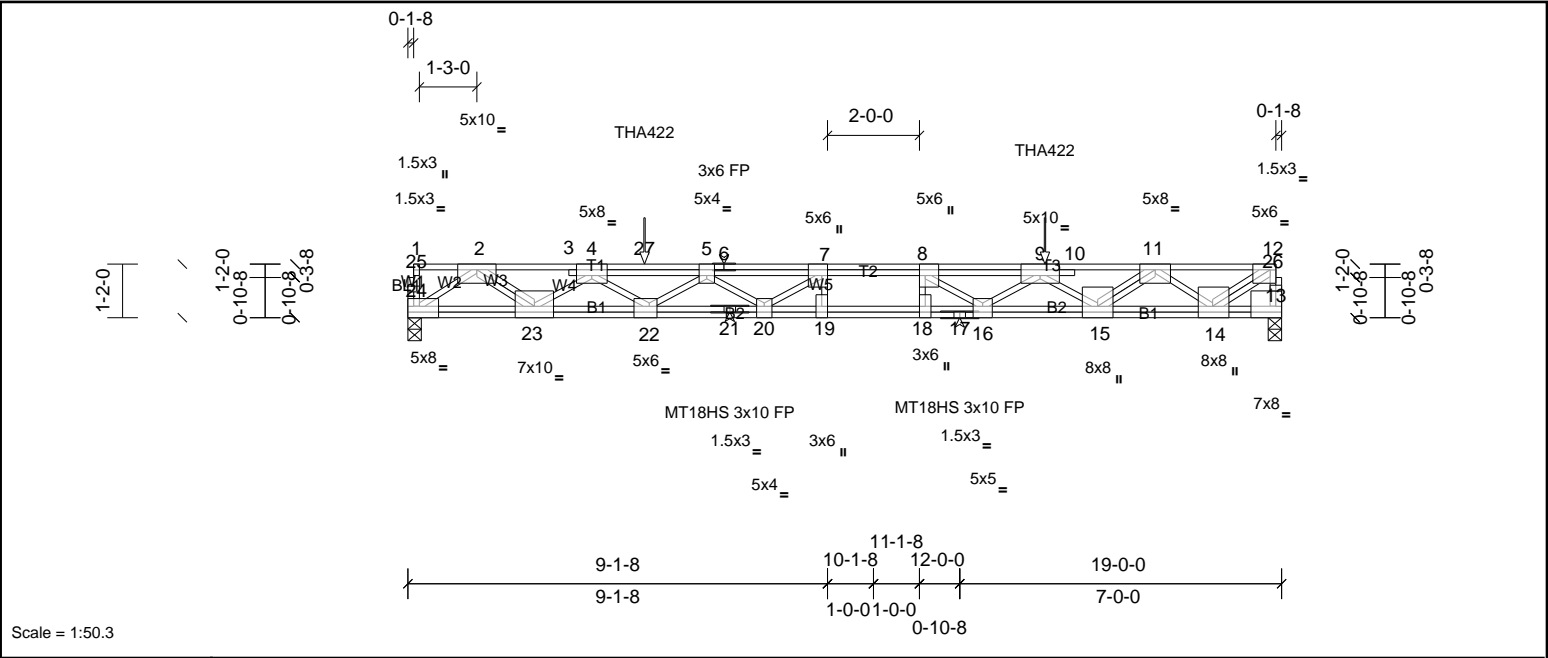


Plate Offsets (X, Y):		[4:0-4-0,Edge], [5:0-2-0,Edge], [7:0-3-0,Edge], [8:0-3-0,Edge], [9:0-5-0,Edge], [12:0-1-8,Edge], [13:Edge,0-3-0], [14:0-3-0,Edge], [16:0-2-8,Edge], [18:0-3-0,Edge], [20:0-2-0,Edge], [22:0-2-0,Edge], [24:Edge,0-3-0], [26:0-1-8,0-0-8]										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.99	Vert(LL)	-0.40	18-19	>563	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.72	Vert(CT)	-0.62	18-19	>364	360	MT20	244/190
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	
TOP CHORD	2x4 SP SS(flat)	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)		
OTHERS	2x4 SP No.3(flat)		

REACTIONS	(lb/size)	13=1944/0-3-8, (min. 0-1-8), 24=1967/0-3-8, (min. 0-1-8)
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, 11-12=-2440/0	
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, 11-14=-3045/0, 12-14=0/2939, 11-15=0/2425, 2-23=0/2545	

- NOTES**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are MT20 plates unless otherwise indicated.
 - 3) The Fabrication Tolerance at joint 17 = 12%, joint 21 = 12%
 - 4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 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) 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.
 - 7) Fill all nail holes where hanger is in contact with lumber.
 - 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: 13-24=-10, 1-12=-100
- Concentrated Loads (lb)
- Vert: 9=-931 (F), 27=-931 (F)



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



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

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

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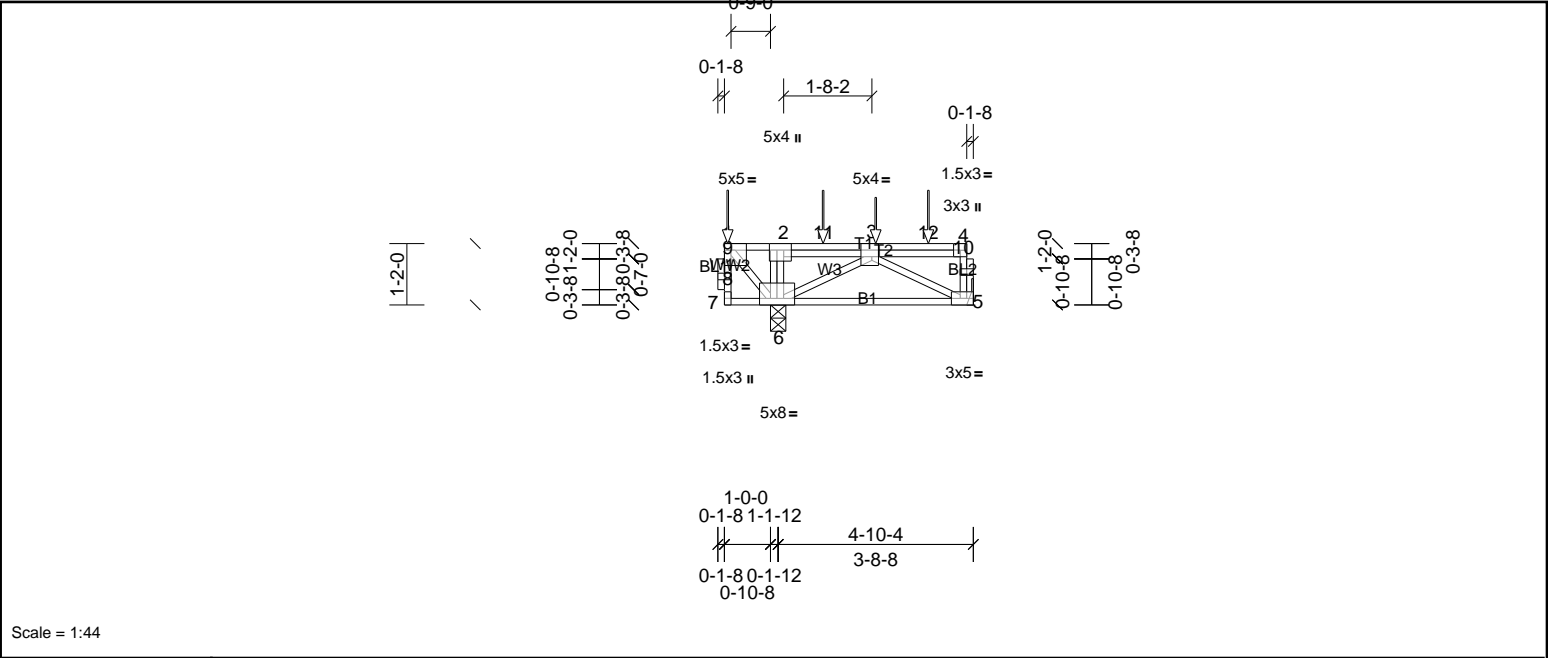


Plate Offsets (X, Y): [1:Edge,0-1-8], [3:0-1-8,Edge], [5:0-2-0,Edge]													
Loading		(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0		Plate Grip DOL	1.00	TC	0.80	Vert(LL)	0.01	5-6	>999	480	MT20	244/190
TCDL	10.0		Lumber DOL	1.00	BC	0.34	Vert(CT)	-0.01	5-6	>999	360		
BCLL	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	Structural wood sheathing directly applied or 4-10-4 oc purlins, except end verticals.	
BOT CHORD	2x4 SP No.2(flat)		BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.	
WEBS	2x4 SP No.3(flat)				
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)

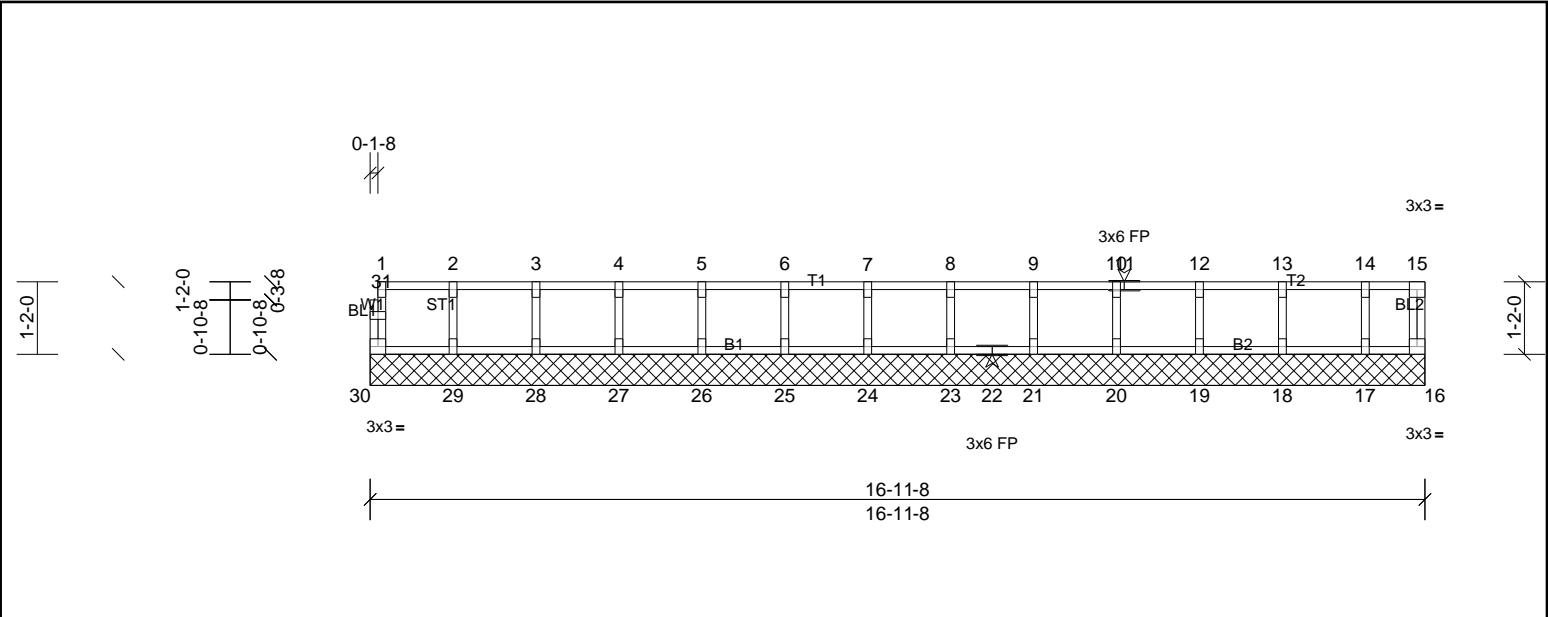
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	5-10=-567/0, 4-10=-566/0, 1-2=0/1430, 2-11=0/1394, 3-11=0/1394
BOT CHORD	5-6=-144/865
WEBS	2-6=-678/0, 1-6=-2095/0, 3-6=-2194/0, 3-5=-946/182

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - 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.
 - 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 to walls at their outer ends or restrained by other means.
 - 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.
 - 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)	



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	K200	Truss	1	1	Job Reference (optional)



Scale = 1:37.2

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



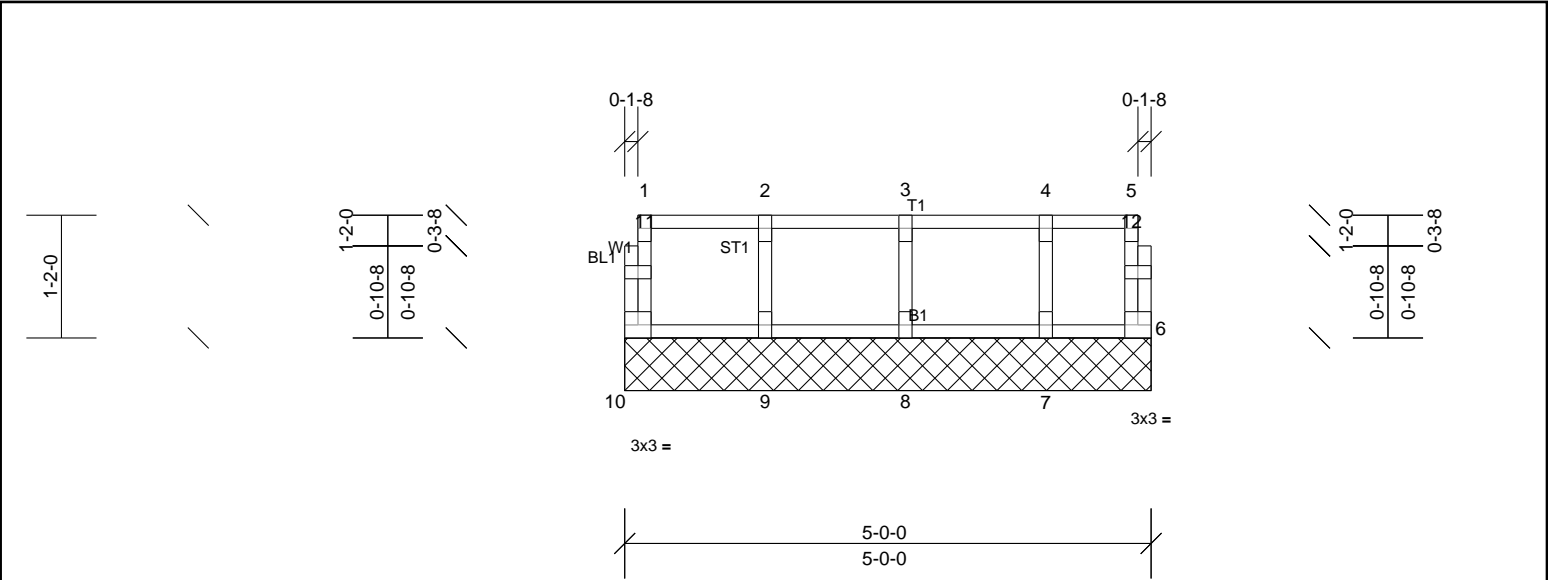
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	K201	Truss	2	1	Job Reference (optional)

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Scale = 1:22

Loading	(psf)	Spacing	2-0-0	CSI		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							Weight: 24 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.
BOT CHORD	2x4 SP No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3(flat)		
OTHERS	2x4 SP No.3(flat)		

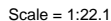
REACTIONS All bearings 5-0-0.
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 6, 7, 8, 9, 10

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

- NOTES**
- 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.



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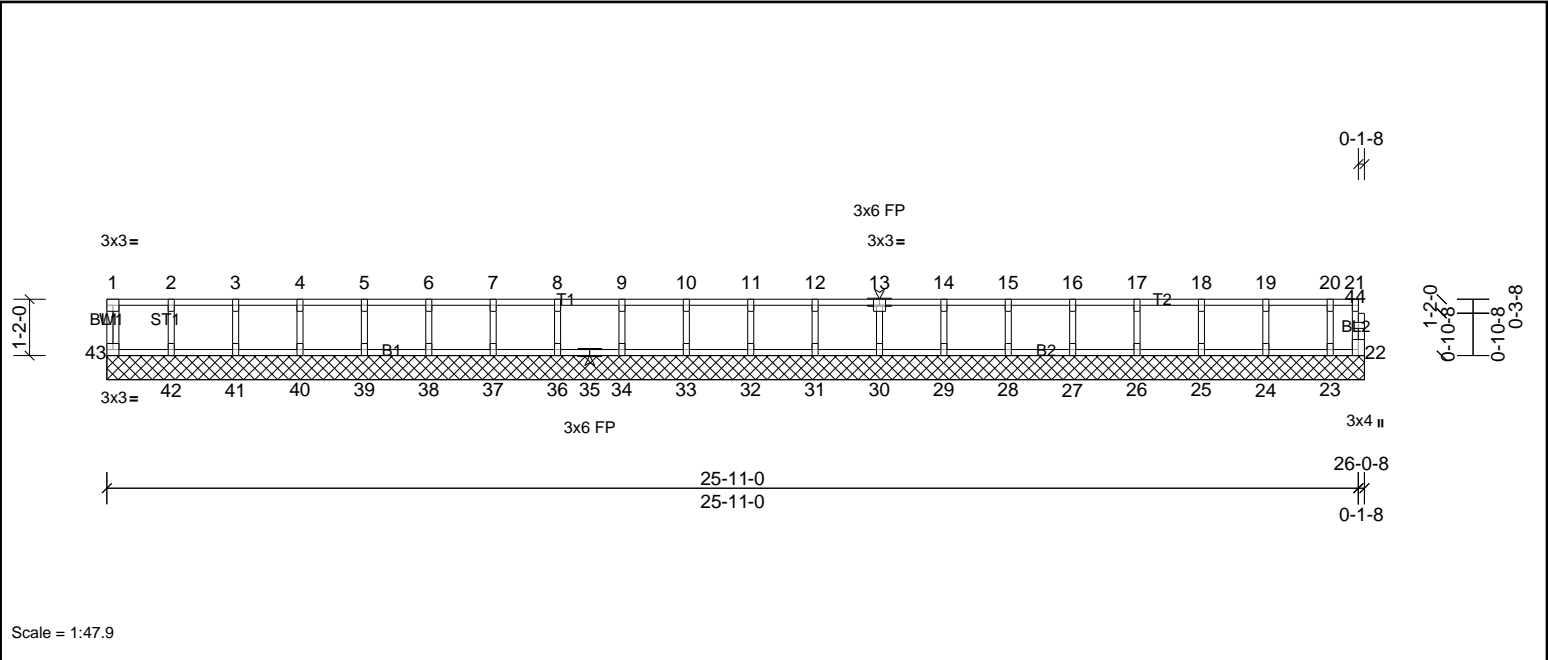


LUMBER		BRACING	
TOP CHORD	2x4 SP No.2(flat)	TOP CHORD	Structural wood sheathing directly applied or 3-5-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing.
BOT CHORD	2x4 SP No.2(flat)		
WEBS	2x4 SP No.3(flat)	BOT CHORD	
OTHERS	2x4 SP No.3(flat)		

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

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

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	K204	Truss	1	1	Job Reference (optional)



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	0.08	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	22	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							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 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
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**
- 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) 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 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/TPI 1.
 - 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.



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72435959	K205	Truss	1	1	Job Reference (optional)

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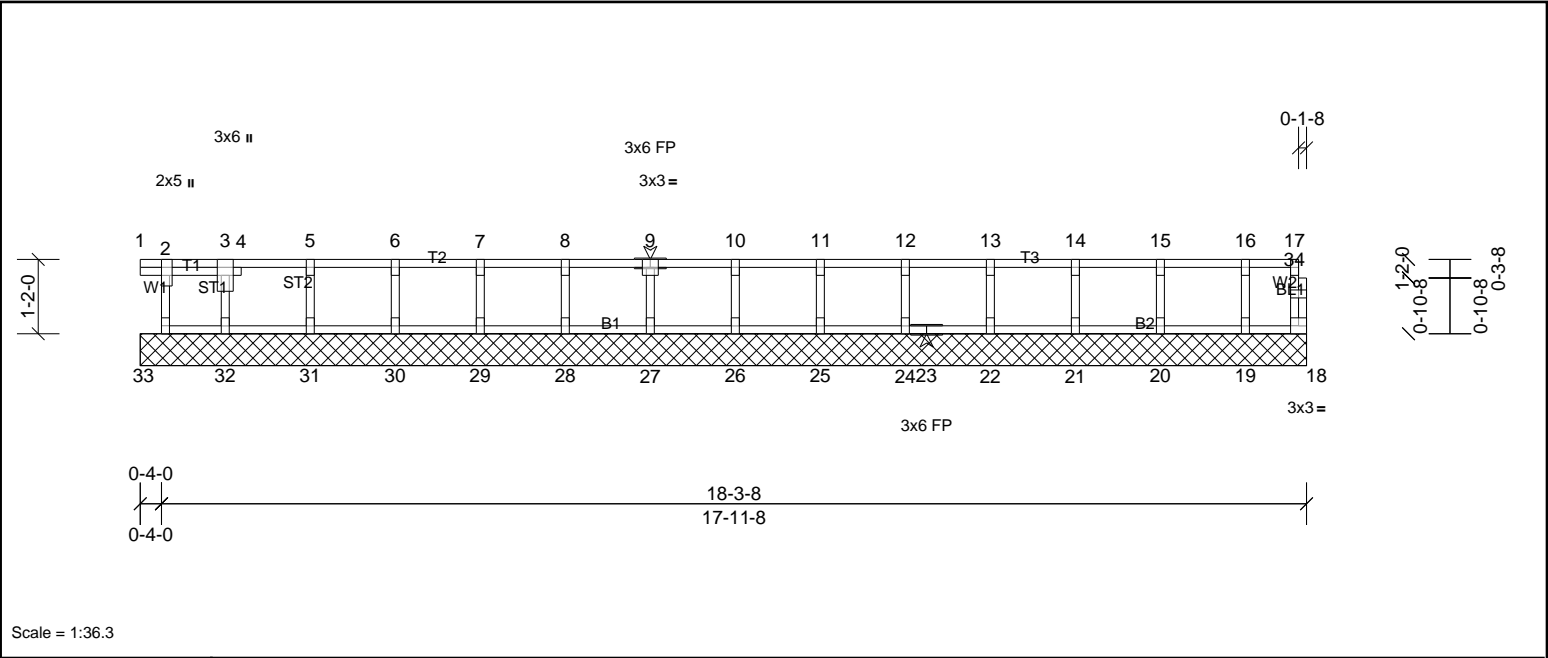


Plate Offsets (X, Y):		[2:0-3-0,Edge]										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	18	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 77 lb	FT = 20%F, 12%E

LUMBER
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)

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

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) 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.
7) CAUTION, Do not erect truss backwards.

