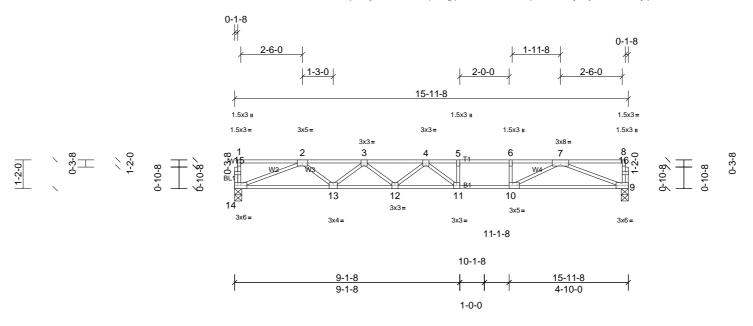
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F200	Floor	5	1	Job Reference (optional)

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:19:57

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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	0.71	Vert(LL)	-0.32	11-12	>595	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.75	Vert(CT)	-0.43	11-12	>439	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.05	9	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 77 lb	FT = 20%F, 12%E

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc **BOT CHORD**

bracing. REACTIONS (lb/size)

9=858/0-3-8, (min. 0-1-8), 14=858/0-3-8, (min. 0-1-8)

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

2-3=-2391/0, 3-4=-3135/0, 4-5=-2950/0, TOP CHORD 5-6=-2950/0, 6-7=-2950/0

13-14=0/1852, 12-13=0/2903, 11-12=0/3260,

10-11=0/2950, 9-10=0/1854 **WEBS**

6-10=-421/0, 2-14=-1986/0, 2-13=0/700, 3-13=-667/0, 3-12=0/302, 4-11=-561/170,

7-9=-1987/0, 7-10=0/1281

NOTES

BOT CHORD

- Unbalanced floor live loads have been considered for
- 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.





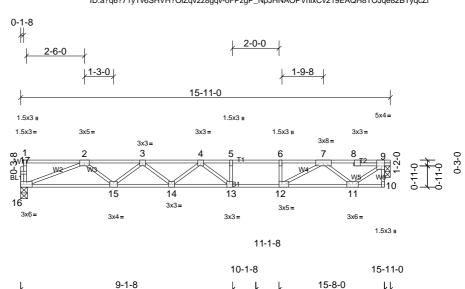
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR	
72521918	F201	Floor	1	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. I	NC 62, Burlington, NC, Joy Perry	Run: 8.83 S Apr 11	2025 Print: 8	.830 S Apr 1	1 2025 MiTek Industries, Inc. Wed Aug 06 10:19:58 Page: 1	

0-3-8 T-2-0

0-10-8

6-10-8

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1-0-0

4-6-8

0-3-0

1-0-0 Loading Spacing 2-0-0 CSI **DEFL** I/defI L/d **PLATES** GRIP (psf) (loc) 40.0 Plate Grip DOL 1.00 TC >627 480 244/190 **TCLL** 0.67 Vert(LL) -0.30 13-14 MT20 **TCDL** BC 360 10.0 Lumber DOL 1.00 0.74 Vert(CT) -0.41 13-14 >458 **BCLL** 0.0 Rep Stress Incr YES WB 0.61 Horz(CT) 0.03 9 n/a n/a IRC2015/TPI2014 **BCDL** 5.0 Matrix-SH Weight: 78 lb FT = 20%F, 12%E Code

9-1-8

LUMBER

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

BRACING

FORCES

TOP CHORD

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc **BOT CHORD**

bracing.

REACTIONS (lb/size) 9=851/0-2-15, (min. 0-1-8), 16=845/0-3-8, (min. 0-1-8)

(lb) - Max. Comp./Max. Ten. - All forces 250

(lb) or less except when shown.

2-3=-2344/0, 3-4=-3059/0, 4-5=-2840/0,

5-6=-2840/0, 6-7=-2840/0, 7-8=-903/0,

8-9=-908/0

BOT CHORD 15-16=0/1821, 14-15=0/2842, 13-14=0/3166,

12-13=0/2840, 11-12=0/1765

WEBS 6-12=-432/0, 2-16=-1952/0, 2-15=0/681, 3-15=-648/0, 3-14=0/283, 4-13=-564/137

9-11=0/1127, 7-11=-1122/0, 7-12=0/1286

NOTES

- Unbalanced floor live loads have been considered for this design.
- Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.
- 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.
- Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
- CAUTION, Do not erect truss backwards.



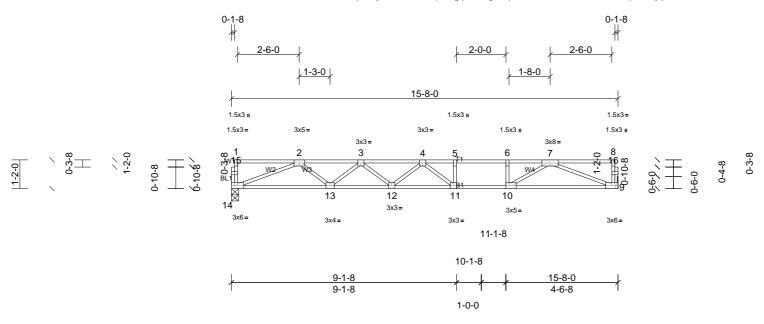


Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F202	Floor	3	1	Job Reference (optional)

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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	0.70	Vert(LL)	-0.31	11-12	>598	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.74	Vert(CT)	-0.42	11-12	>440	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.57	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

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

BRACING

FORCES

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc **BOT CHORD**

bracing. REACTIONS (lb/size)

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

(lb) - Max. Comp./Max. Ten. - All forces 250

(lb) or less except when shown.

TOP CHORD 2-3=-2331/0, 3-4=-3039/0, 4-5=-2798/0,

5-6=-2798/0, 6-7=-2798/0 **BOT CHORD** 13-14=0/1812, 12-13=0/2825, 11-12=0/3142,

10-11=0/2798, 9-10=0/1819

6-10=-449/0, 2-14=-1943/0, 2-13=0/675,

WEBS 3-13=-643/0, 3-12=0/279, 4-11=-585/131,

7-9=-1949/0, 7-10=0/1207

NOTES

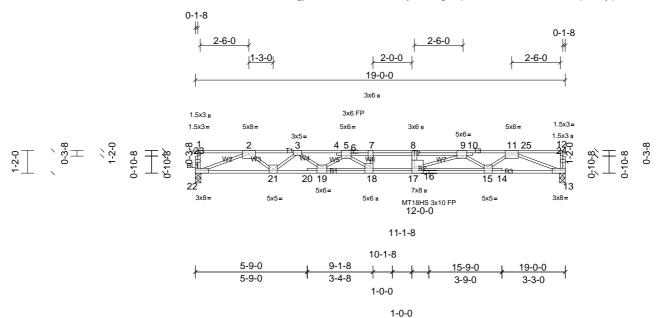
- Unbalanced floor live loads have been considered for
- Refer to girder(s) for truss to truss connections.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- Recommend 2x6 strongbacks, on edge, spaced 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	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F203	Floor	10	1	Job Reference (optional)
UFP Mid Atlantic LLC, 5631 S. N	Run: 8.83 S Apr 11	2025 Print: 8	.830 S Apr 1	I1 2025 MiTek Industries, Inc. Wed Aug 06 10:19:58 Page: 1	

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:19:58 ID:gybFDKc1Jhrnb30WAxcCoLz1jXX-0FPzgP_NpJHNAOPVnlxCv2176ARm8P7Jqe82BTyqcZl



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	0.81	Vert(LL)	-0.30	18-19	>760	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.64	Vert(CT)	-0.49	18-19	>456	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	NO	WB	0.89	Horz(CT)	0.08	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 115 lb	FT = 20%F, 12%E

0-10-8

LUMBER

TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP SS(flat) 2x4 SP No.3(flat) WEBS 2x4 SP No.3(flat) **OTHERS**

BRACING

TOP CHORD

BOT CHORD

TOP CHORD Structural wood sheathing directly applied or

4-9-13 oc purlins, except end verticals.

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

bracing.

REACTIONS (lb/size) 13=1397/0-3-8, (min. 0-1-8), 22=1160/0-3-8, (min. 0-1-8)

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

2-3=-3494/0, 3-4=-5117/0, 4-5=-5099/0,

5-6=-6511/0, 6-7=-6511/0, 7-8=-6511/0,

8-9=-6511/0, 9-10=-4074/0, 10-11=-4079/0 21-22=0/2608, 20-21=0/4397, 19-20=0/4386,

18-19=0/5883, 17-18=0/6511, 16-17=0/5184,

15-16=0/5184, 14-15=0/3016, 13-14=0/3024

7-18=-468/0, 8-17=-407/0, 2-22=-2799/0,

2-21=0/1154, 3-21=-1175/0, 3-19=0/916,

5-19=-949/0, 5-18=0/1118, 9-17=0/1553,

9-15=-1370/0, 11-15=0/1341, 11-13=-3240/0

NOTES

WEBS

- 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: 13-22=-10, 1-5=-100, 5-25=-140, 12-25=-176

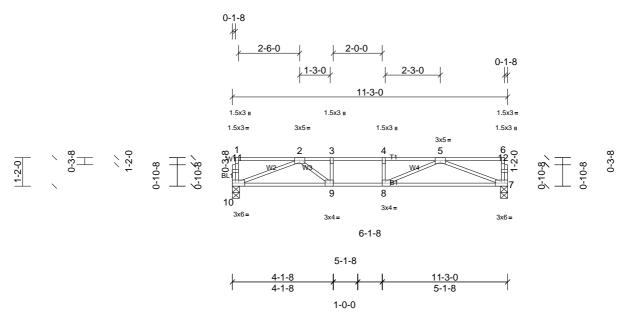




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F204	FLOOR	2	1	Job Reference (optional)

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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	0.86	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

1-0-0

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or

5-6-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc **BOT CHORD**

bracing.

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.





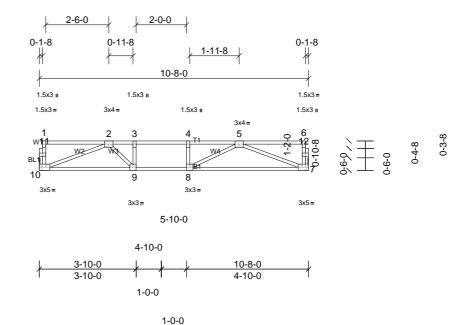
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F205	Floor	3	1	Job Reference (optional)

1-2-0

0-3-8

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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	0.65	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) 2x4 SP No.3(flat) WEBS 2x4 SP No.3(flat) **OTHERS**

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc

BOT CHORD

bracing. REACTIONS (lb/size)

7=567/ Mechanical, 10=567/ Mechanical

(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

FORCES

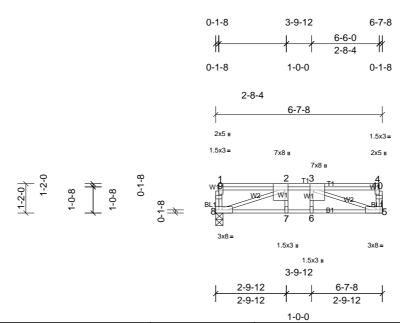
- 1) Unbalanced floor live loads have been considered for this design.
- Refer to girder(s) for truss to truss connections.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- Recommend 2x6 strongbacks, 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	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR	
72521918	F206	Floor	1	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. N	Run: 8.83 S Apr 11	2025 Print: 8	.830 S Apr 1	1 2025 MiTek Industries, Inc. Wed Aug 06 10:20:00	Page: 1	

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:20:00



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	0.67	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

LUMBER

TOP CHORD 2x4 SP No.2(flat) BOT CHORD 2x4 SP No.1(flat) 2x4 SP No.3(flat) WEBS 2x4 SP No.3(flat) **OTHERS**

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc

BOT CHORD bracing.

REACTIONS (lb/size) 5=1247/ Mechanical, 8=1002/0-3-8,

(min. 0-1-8)

(lb) - Max. Comp./Max. Ten. - All forces 250

(lb) or less except when shown. 5-10=-254/0, 4-10=-253/0, 2-3=-2660/0

TOP CHORD BOT CHORD 7-8=0/2660, 6-7=0/2660, 5-6=0/2660

WEBS 2-8=-2829/0, 3-5=-2815/0

NOTES

FORCES

- Unbalanced floor live loads have been considered for 1) this design.
- Refer to girder(s) for truss to truss connections.
- 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) 8, 10 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: 5-8=-10, 1-4=-100 Concentrated Loads (lb) Vert: 3=-1560

1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft) Vert: 5-8=-10, 1-3=-100, 3-4=-20

Concentrated Loads (lb)

Vert: 3=-425

3rd chase Dead: Lumber Increase=1.00, Plate

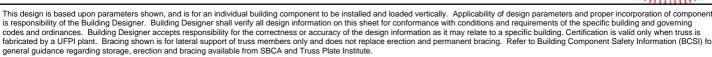
Increase=1.00 Uniform Loads (lb/ft)

Vert: 5-8=-10, 1-3=-100, 3-4=-20

Concentrated Loads (lb)

Vert: 3=-425



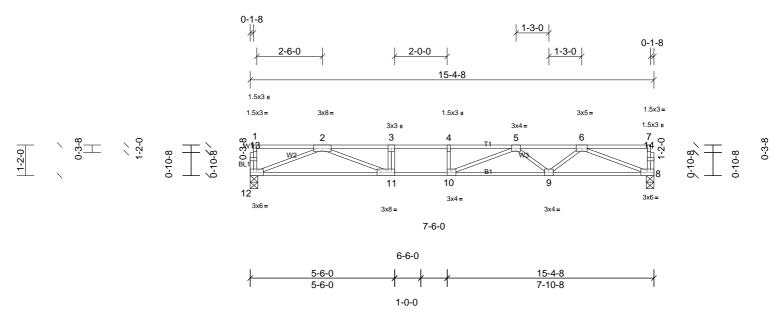




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F207	FLOOR	2	1	Job Reference (optional)

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1-0-0

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	0.76	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) 2x4 SP No.3(flat) WEBS 2x4 SP No.3(flat) **OTHERS**

BRACING

TOP CHORD Structural wood sheathing directly applied or

5-6-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc **BOT CHORD**

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 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.

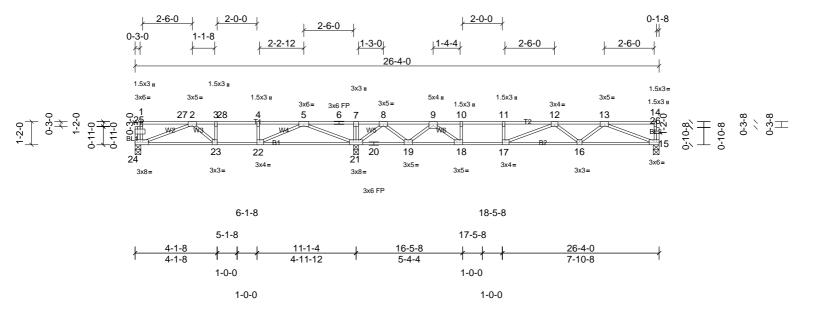




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F208	FLOOR	6	1	Job Reference (optional)

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:20:00 ID:a?q6?71yTv6SHVH?OIZqv2z8gqv-yeWk55?dLxY5PhYtuA_g_T6Ui_6hcOkcHyd8GMyqcZj

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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	0.74	Vert(LL)	-0.26	16-17	>686	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.68	Vert(CT)	-0.37	16-17	>495	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.56	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

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

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc

BOT CHORD

bracing, Except:

6-0-0 oc bracing: 19-21,18-19.

REACTIONS (lb/size) 15=733/0-3-8, (min. 0-1-8),

21=1896/0-3-0, (min. 0-1-8), 24=719/0-3-8, (min. 0-1-8)

Max Grav 15=760 (LC 14), 21=1896 (LC 1),

24=765 (LC 8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250

(lb) or less except when shown.

TOP CHORD 2-3=-1790/0, 3-28=-1790/0, 4-28=-1790/0, 4-5=-1790/0, 5-6=0/1362, 6-7=0/1362,

7-8=0/1352, 8-9=-888/270, 9-10=-2383/0, 10-11=-2383/0, 11-12=-2383/0,

12-13=-2072/0

23-24=0/1551, 22-23=0/1790, 21-22=0/979, **BOT CHORD**

20-21=-518/178, 19-20=-518/178,

18-19=-9/1640, 17-18=0/2383, 16-17=0/2434,

15-16=0/1619

WEBS 4-22=-382/0, 10-18=-440/0, 7-21=-291/0,

2-24=-1644/0. 2-23=0/318. 5-21=-2040/0. 5-22=0/1064, 8-21=-1349/0, 8-19=0/964, 9-19=-1047/0, 9-18=0/1097, 13-15=-1735/0, 13-16=0/590 12-16=-471/0 12-17=-337/179

NOTES

- Unbalanced floor live loads have been considered for 1) 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.

- 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.

LOAD CASE(S) Standard

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

Uniform Loads (lb/ft)

Vert: 15-24=-10, 1-27=-140, 27-28=-176, 7-28=-140,

7-14=-100

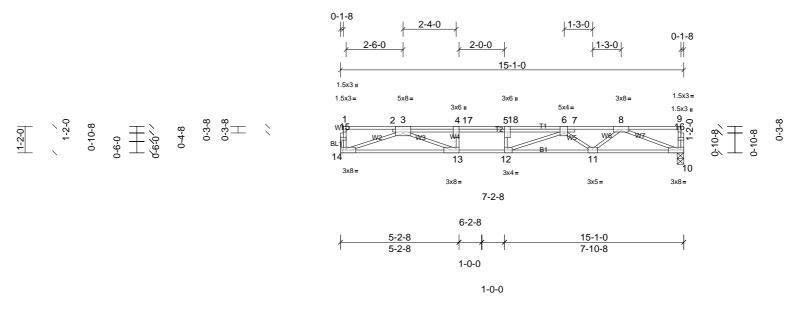




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F209	FLOOR	5	1	Job Reference (optional)

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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

LUMBER

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

BRACING

FORCES

NOTES

TOP CHORD Structural wood sheathing directly applied or

4-1-9 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc

BOT CHORD

bracing. REACTIONS (lb/size)

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

(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

- Unbalanced floor live loads have been considered for this design. Refer to girder(s) for truss to truss connections.
- 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: 10-14=-10, 1-17=-140, 17-18=-176, 9-18=-140

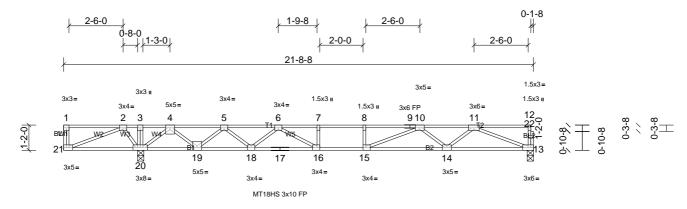


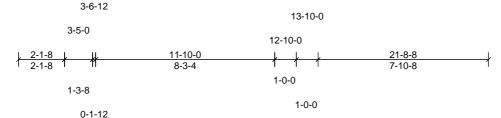


Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F210	Floor	2	1	Job Reference (optional)

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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	0.83	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

TOP CHORD 2x4 SP No.2(flat) BOT CHORD 2x4 SP No.1(flat) 2x4 SP No.3(flat) WEBS 2x4 SP No.3(flat) OTHERS

BRACING

TOP CHORD Structural wood sheathing directly applied or

2-2-0 oc purlins, except end verticals. Rigid ceiling directly applied or 2-2-0 oc

BOT CHORD

bracing.

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)

(lb) - Max. Comp./Max. Ten. - All forces 250

FORCES (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

20-21=-298/0, 19-20=-239/1071

BOT CHORD 18-19=0/2794, 17-18=0/3825, 16-17=0/3825,

15-16=0/4164, 14-15=0/3474, 13-14=0/2152

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

WEBS

- 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.
- 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.

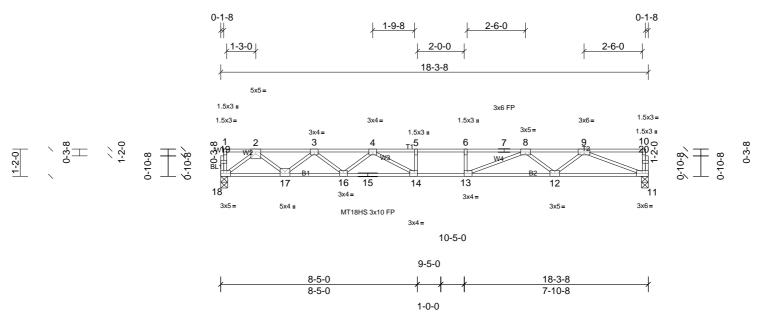




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F211	Floor	3	1	Job Reference (optional)

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Matrix-SH

1-0-0 2-0-0 CSI **DEFL** I/defI L/d **PLATES** GRIP (loc) Plate Grip DOL 1.00 TC -0.35 >619 480 MT18HS 244/190 0.85 Vert(LL) 13-14 BC 360 244/190 1.00 1.00 Vert(CT) -0.4814 >450 MT20 Rep Stress Incr YES WB 0.64 Horz(CT) 0.08 11 n/a n/a

LUMBER

Loading

TCLL

TCDI

BCLL

BCDL

TOP CHORD 2x4 SP No.2(flat) BOT CHORD 2x4 SP No.1(flat) 2x4 SP No.3(flat) WEBS 2x4 SP No.3(flat) **OTHERS**

BRACING

TOP CHORD

TOP CHORD Structural wood sheathing directly applied or

(psf)

40.0

10.0

0.0

5.0

Spacing

Code

Lumber DOL

IRC2015/TPI2014

2-2-0 oc purlins, except end verticals. Rigid ceiling directly applied or 1-4-12 oc **BOT CHORD**

bracing.

REACTIONS (lb/size) 11=986/0-3-8, (min. 0-1-8), 18=986/0-3-8, (min. 0-1-8)

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

2-3=-2102/0, 3-4=-3461/0, 4-5=-4251/0,

5-6=-4251/0, 6-7=-4251/0, 7-8=-4251/0,

8-9=-2876/0

BOT CHORD 17-18=0/1235, 16-17=0/2938, 15-16=0/3943,

14-15=0/3943, 13-14=0/4251, 12-13=0/3525,

11-12=0/2178

WEBS 6-13=-264/0, 2-18=-1547/0, 2-17=0/1128,

3-17=-1089/0, 3-16=0/680, 4-16=-627/0, 4-14=-84/732, 9-11=-2337/0, 9-12=0/908,

8-12=-845/0, 8-13=0/1040

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.
- 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



Weight: 89 lb

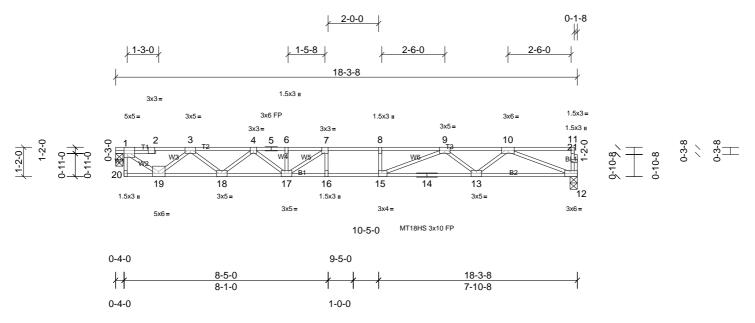
FT = 20%F, 12%E



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F212	Floor	3	1	Job Reference (optional)

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1-0-0

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	0.79	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

TOP CHORD 2x4 SP No.2(flat) BOT CHORD 2x4 SP No.1(flat) 2x4 SP No.3(flat) WEBS 2x4 SP No.3(flat) OTHERS

BRACING

TOP CHORD Structural wood sheathing directly applied or

4-8-2 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc

BOT CHORD bracing, Except:

2-2-0 oc bracing: 16-17 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

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

NOTES

BOT CHORD

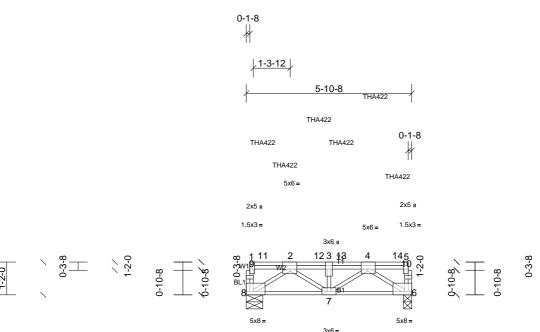
- Unbalanced floor live loads have been considered for this design.
- All plates are MT20 plates unless otherwise indicated. This truss is designed in accordance with the 2015
- International Residential Code sections R502.11.1 and R802 10 2 and referenced standard ANSI/TPL1
- Recommend 2x6 strongbacks, 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.
- CAUTION, Do not erect truss backwards.





Job	Truss	Truss Type		Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR	
72521918	FG1	FLOOR GIRDER		1	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. I	NC 62, Burlington, NC, Joy Perry	Run	: 8.83 S Apr 11 2	2025 Print: 8.	.830 S Apr 1	1 2025 MiTek Industries, Inc. Wed Aug 06 10:20:03	Page: 1

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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	0.47	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

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

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

Concentrated Loads (lb)

LUMBER

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

BRACING

TOP CHORD

Structural wood sheathing directly applied or

5-10-8 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc

BOT CHORD bracing.

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.

8-9=-573/0, 1-9=-572/0, 6-10=-447/0, TOP CHORD

5-10=-446/0, 2-12=-3179/0, 3-12=-3179/0,

3-13=-3179/0, 4-13=-3179/0 7-8=0/2399, 6-7=0/2431

WEBS 3-7=-1063/0, 2-8=-2859/0, 2-7=0/957,

4-6=-2907/0, 4-7=0/918

NOTES

BOT CHORD

- 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 1-4-8 from the left end to 5-4-8 to connect truss(es) to front 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 0-7-0 from the left end to 4-7-0 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).

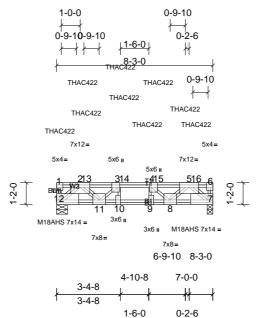
LOAD CASE(S) Standard

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



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR	
72521918	FG2	Floor Girder	1	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S.	NC 62, Burlington, NC, Joy Perry	Run: 8.83 S Apr 1	2025 Print: 8	.830 S Apr 1	11 2025 MiTek Industries, Inc. Wed Aug 06 10:20:03	Page: 1

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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	0.87	Vert(LL)	-0.07	9	>999	480	M18AHS	186/179
TCDL	10.0	Lumber DOL	1.00	BC	0.75	Vert(CT)	-0.12	9-10	>778	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	NO	WB	0.75	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

1-11-2 1-3-0

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or

4-11-2 oc purlins, except end verticals.

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

REACTIONS (lb/size) 7=4220/0-3-8, (min. 0-2-15),

12=4488/0-7-0, (min. 0-3-0) Max Grav 7=4333 (LC 4), 12=4488 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250

(lb) or less except when shown

TOP CHORD 1-12=-1069/0, 6-7=-353/0, 2-13=-6177/0,

3-13=-6177/0, 3-14=-8139/0, 4-14=-8139/0,

4-15=-6565/0, 5-15=-6565/0

BOT CHORD 11-12=0/4168, 10-11=0/8130, 9-10=0/8139, 8-9=0/8154, 7-8=0/4853

3-10=-404/377, 4-9=-451/333, 5-7=-6260/0,

5-8=0/2743, 4-8=-2868/0, 2-12=-5376/0,

2-11=0/3121, 3-11=-3263/0

NOTES

WEBS

- Unbalanced floor live loads have been considered for 1) 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.
- 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 0-2-2 from the left end to 6-9-8 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 1-4-8 from the left end to 7-4-8 to connect truss(es) to back face of top chord.
- 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

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: 1=-1092 (F), 3=-467 (B), 4=-1044 (F), 5=-1044 (F), 2=-467 (B), 13=-1044 (F), 14=-1044 (F), 15=-467

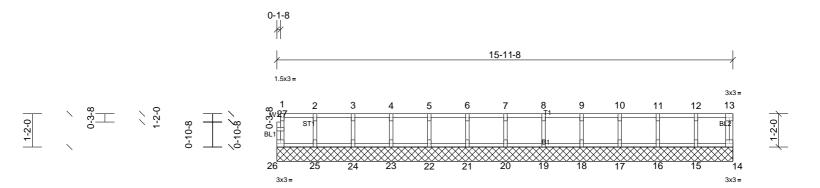
(B), 16=-1159 (B)





Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	K200	Floor Supported Gable	1	1	Job Reference (optional)

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:20:04 ID:a?q6?71yTv6SHVH?OIZqv2z8gqv-qPmEwT28P92XuJsf702c8JHK1be4YKzCCabMP7yqcZf



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	14	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 67 lb	FT = 20%F, 12%E

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc **BOT CHORD**

bracing.

REACTIONS All bearings 15-11-8.

(lb) - Max Grav All reactions 250 (lb) or less at joint (s) 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26

(lb) - Max. Comp./Max. Ten. - All forces 250

(lb) or less except when shown.

FORCES NOTES

- All plates are 1.5x3 (||) MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- Gable studs spaced at 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/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.

LOAD CASE(S) Standard



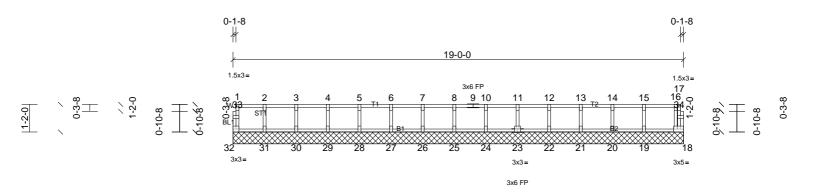


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Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	K201	Floor Supported Gable	1	1	Job Reference (optional)

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:20:04 ID:8SoLh22UeLu2PMs6EKMK9Kz1jej-qPmEwT28P92XuJsf702c8JHKubeuYKxCCabMP7yqcZf

Page: 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	0.09	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	18	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 80 lb	FT = 20%F, 12%E

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc **BOT CHORD**

bracing.

REACTIONS All bearings 19-0-0.

(lb) - Max Grav All reactions 250 (lb) or less at joint (s) 18, 19, 20, 21, 22, 23, 24, 25,

26, 27, 28, 29, 30, 31, 32

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250

(lb) or less except when shown.

NOTES

- All plates are 1.5x3 (||) MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- Gable studs spaced at 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/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.

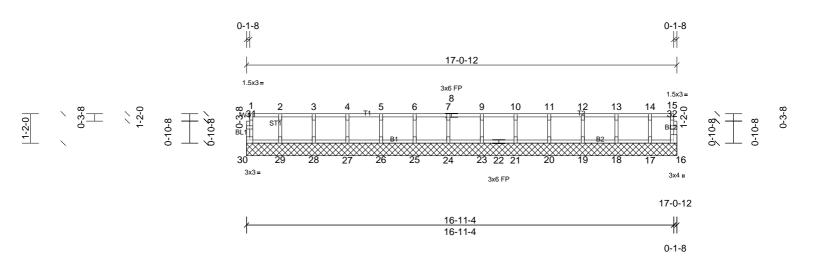




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	K202	Floor Supported Gable	1	1	Job Reference (optional)

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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(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

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

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc **BOT CHORD**

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

(lb) - Max. Comp./Max. Ten. - All forces 250

(lb) or less except when shown.

FORCES NOTES

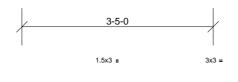
- All plates are 1.5x3 (||) MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- Gable studs spaced at 1-4-0 oc.
- Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 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.



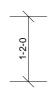


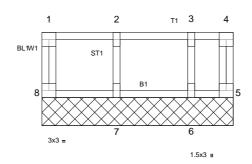
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR	
72521918	K203	Floor Supported Gable	1	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Joy Perry	Run: 8.83 S Apr 11 2	2025 Print: 8	.830 S Apr 1	1 2025 MiTek Industries, Inc. Wed Aug 06 10:20:04	Page: 1

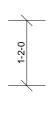
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3x3 =







1.5x3 II 3x3 =

1.5x3 II

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	0.08	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

LUMBER

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

BRACING

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

BOT CHORD

bracing.

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

- Gable requires continuous bottom chord bearing.
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- Gable studs spaced at 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/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.

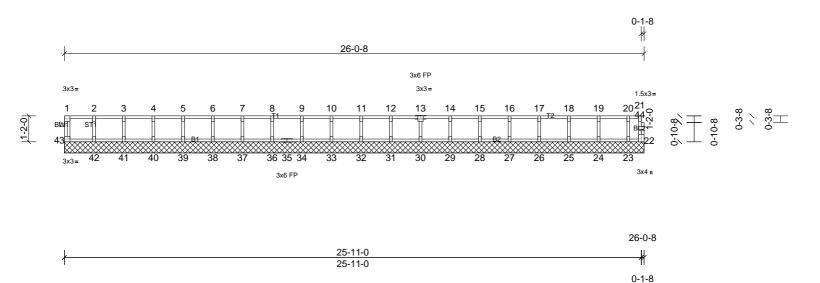




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR				
72521918	K204	Floor Supported Gable	1	1	Job Reference (optional)				

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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	0.02	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

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

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc

BOT CHORD

bracing.

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

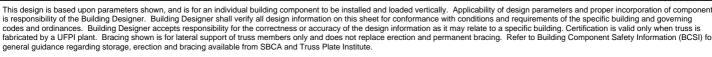
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250

(lb) or less except when shown.

NOTES

- All plates are 1.5x3 (||) MT20 unless otherwise 1)
- Gable requires continuous bottom chord bearing.
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- Gable studs spaced at 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 surface.
- 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.

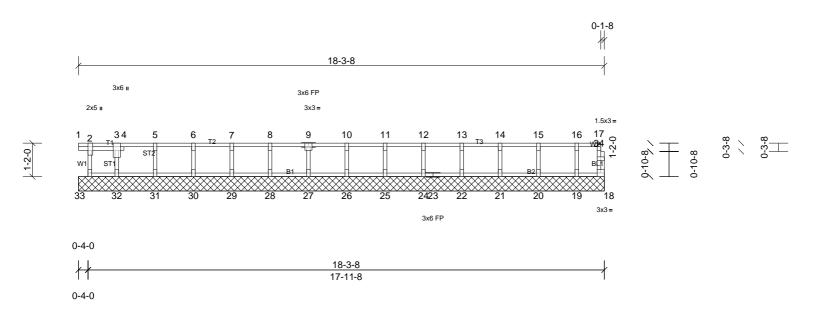




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR				
72521918	K205	Floor Supported Gable	1	1	Job Reference (optional)				

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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	0.08	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) 2x4 SP No.3(flat) WEBS 2x4 SP No.3(flat) **OTHERS**

BRACING

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc **BOT CHORD**

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

- All plates are 1.5x3 (||) MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- Gable studs spaced at 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/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.
- 7) CAUTION, Do not erect truss backwards.



