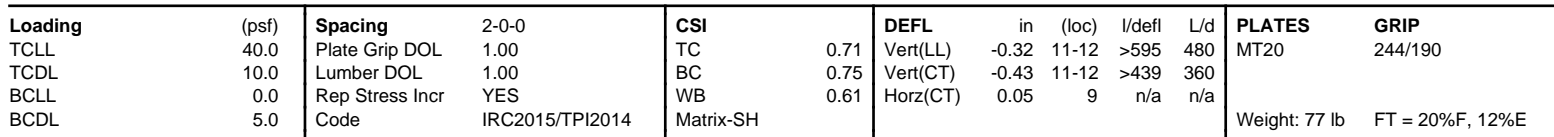
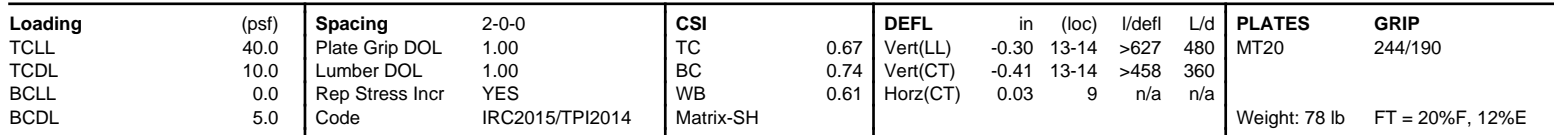


UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:19:57 Page: 1  
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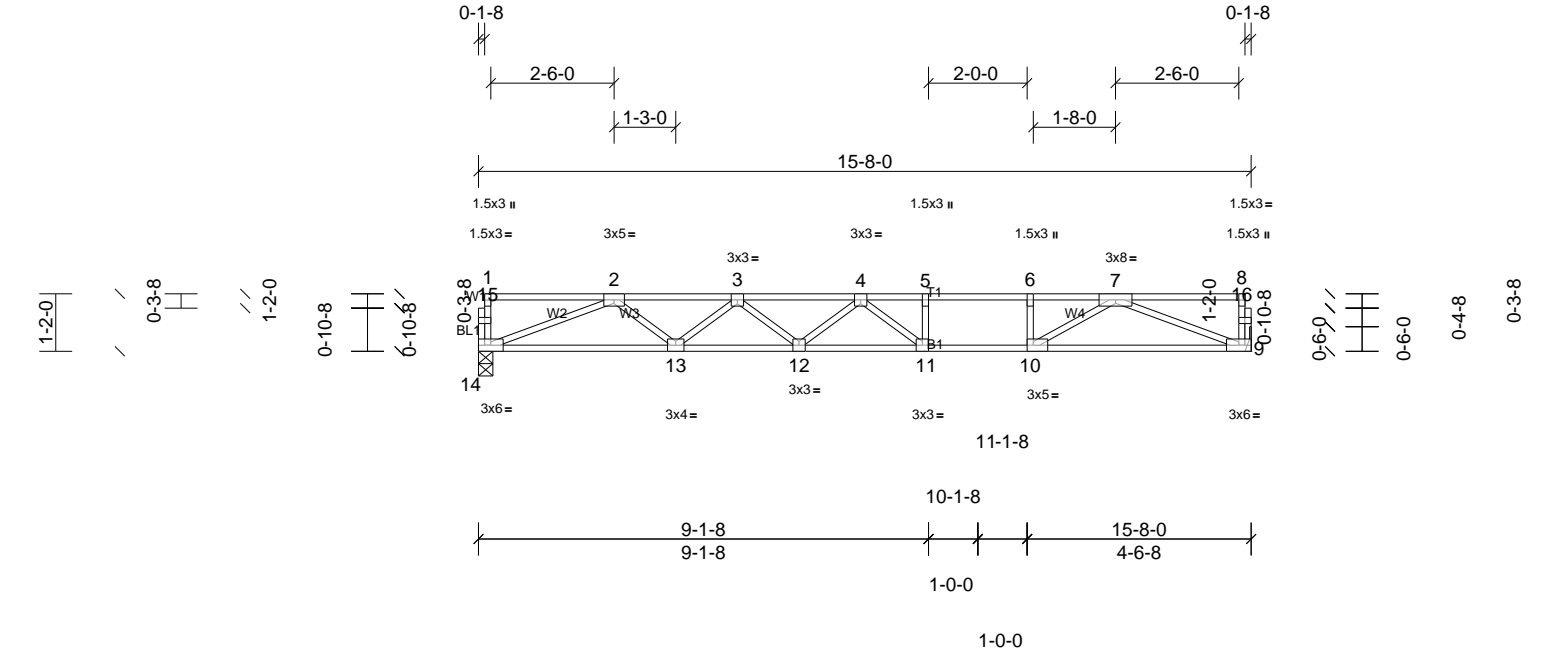
Professional Engineer Seal for North Carolina, State of North Carolina, Professional Engineer, Seal No. 054919, Expires 8/6/2025, Hunter B. Doss.

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry      Run: 8.83 S   Apr 11 2025   Print: 8.830 S   Apr 11 2025   MiTek Industries, Inc.   Wed Aug 06 10:19:58      Page: 1



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		CSI		DEFL	in	(loc)	I/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)  
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) 9=842/ Mechanical, 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=-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  
WEBS 6-10=-449/0, 2-14=-1943/0, 2-13=0/675, 3-13=-643/0, 3-12=0/279, 4-11=-585/131, 7-9=-1949/0, 7-10=0/1207

#### NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) Refer to girder(s) for truss to truss connections.
- 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.

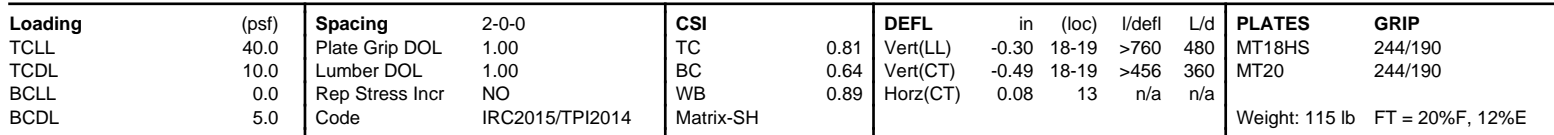
**LOAD CASE(S)** Standard



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



UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:19:58 Page: 1  
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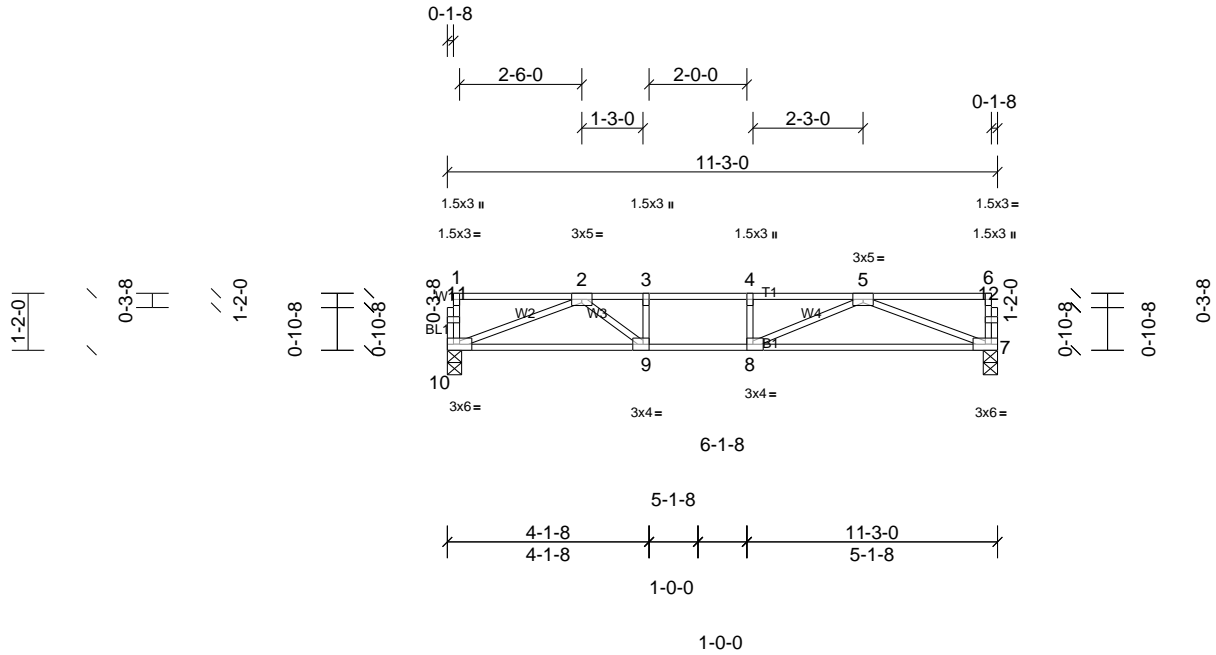


Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F204	FLOOR	2	1	Job Reference (optional)

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

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	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

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

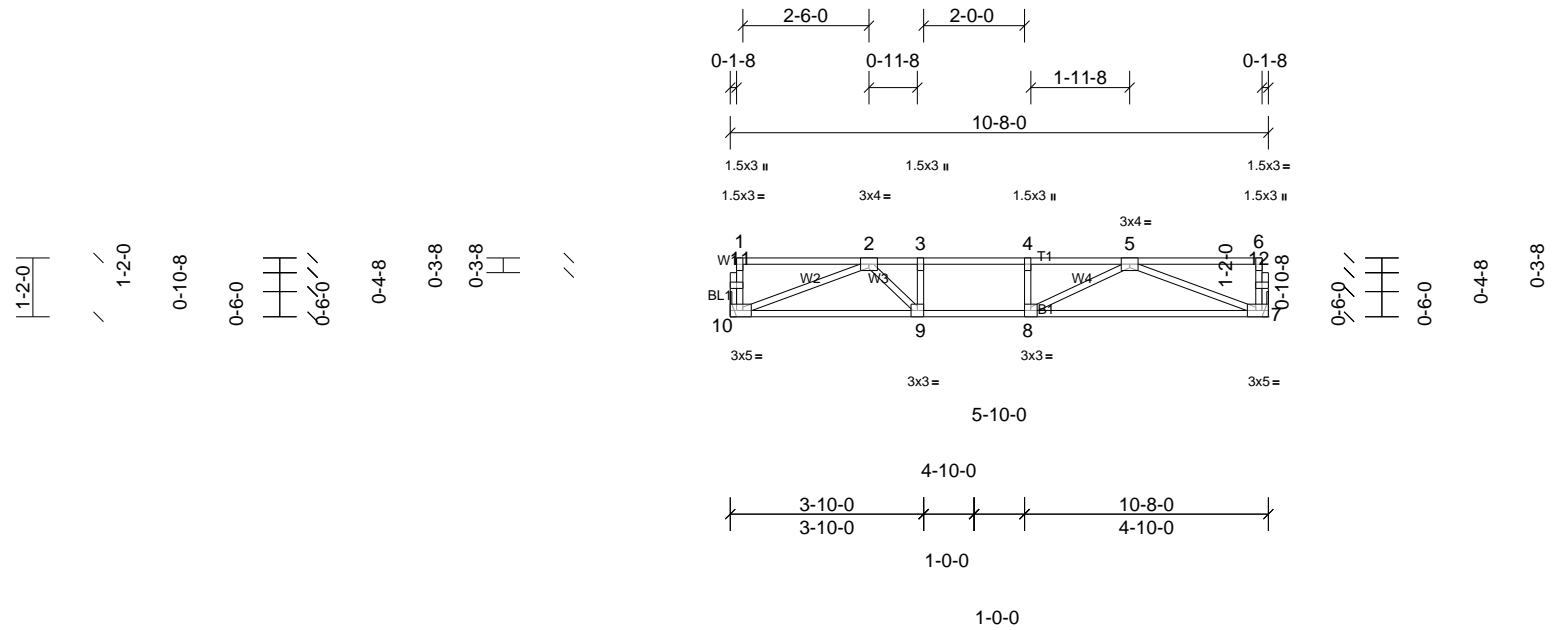
**LOAD CASE(S)** Standard



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
72521918	F205	Floor	3	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	0.65	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, 10=567/ Mechanical

**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) Refer to girder(s) for truss to truss connections.
  - 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.
- LOAD CASE(S)** Standard





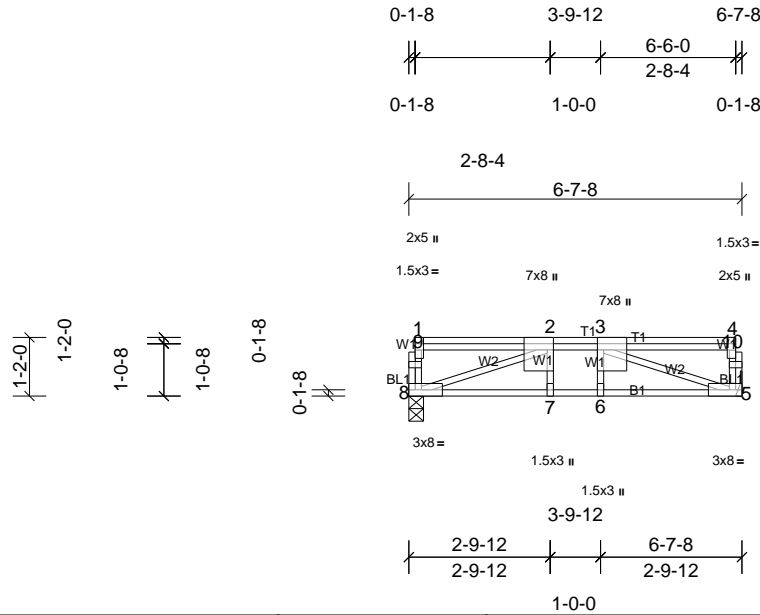
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F206	Floor	1	1	Job Reference (optional)

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2-9-12



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

#### LUMBER

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

Vert: 3=-425  
10) 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

#### 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) 5=1247/ Mechanical, 8=1002/0-3-8, (min. 0-1-8)

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

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

#### NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) Refer to girder(s) for truss to truss connections.
- 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) 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.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

#### LOAD CASE(S)

- Standard
- 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00  
Uniform Loads (lb/ft)  
Vert: 5-8=-10, 1-4=-100  
Concentrated Loads (lb)  
Vert: 3=-1560
  - 8) 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)



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.

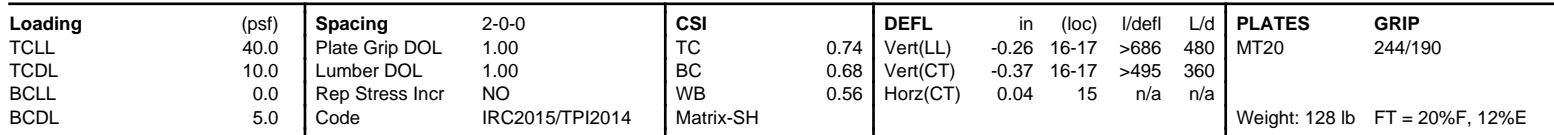


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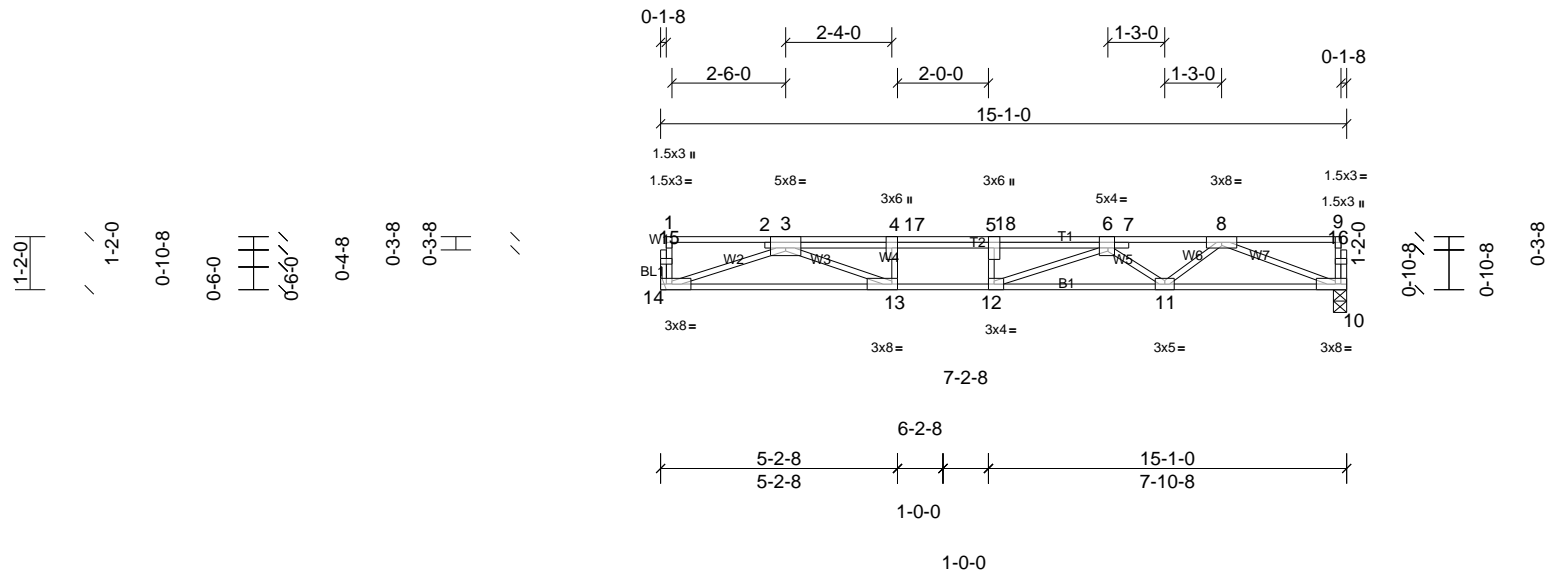


BRACING		LOAD CASE(S)	Standard
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.	1)	Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 19-21, 18-19.		Uniform Loads (lb/ft) Vert: 15-24=-10, 1-27=-140, 27-28=-176, 7-28=-140 7-14=100

<b>FORCES</b>	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
<b>TOP CHORD</b>	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
<b>BOT CHORD</b>	23-24=0/1551, 22-23=0/1790, 21-22=0/979, 20-21=-518/178, 19-20=-518/178, 18-19=-9/1640, 17-18=0/2383, 16-17=0/2434, 15-16=0/1619
<b>WEBS</b>	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

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

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry      Run: 8.83 S   Apr 11 2025   Print: 8.830 S   Apr 11 2025   MiTek Industries, Inc.   Wed Aug 06 10:20:01   Page: 1  
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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	0.97	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)  
WEBS 2x4 SP No.3(flat)  
OTHERS 2x4 SP No.3(flat)

**BRACING**  
TOP CHORD Structural wood sheathing directly applied or 4-1-9 oc purlins, except end verticals.  
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

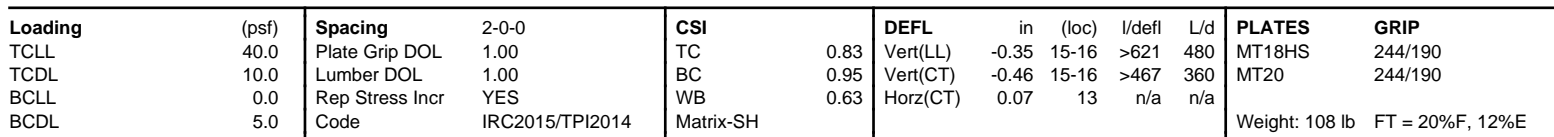
**FORCES** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
TOP CHORD 3-4=-4248/0, 4-17=-4248/0, 5-17=-4248/0, 5-18=-4248/0, 6-18=-4248/0, 6-7=-3187/0, 7-8=-3188/0  
BOT CHORD 13-14=0/2649, 12-13=0/4248, 11-12=0/3909, 10-11=0/2439  
WEBS 4-13=-584/0, 3-14=-2818/0, 3-13=0/1816, 8-10=-2614/0, 8-11=0/975, 6-11=-917/0, 6-12=0/710

**NOTES**  
1) Unbalanced floor live loads have been considered for this design.  
2) Refer to girder(s) for truss to truss connections.  
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) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.  
5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

**LOAD CASE(S)** Standard  
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00  
Uniform Loads (lb/ft)  
Vert: 10-14=-10, 1-17=-140, 17-18=-176, 9-18=-140

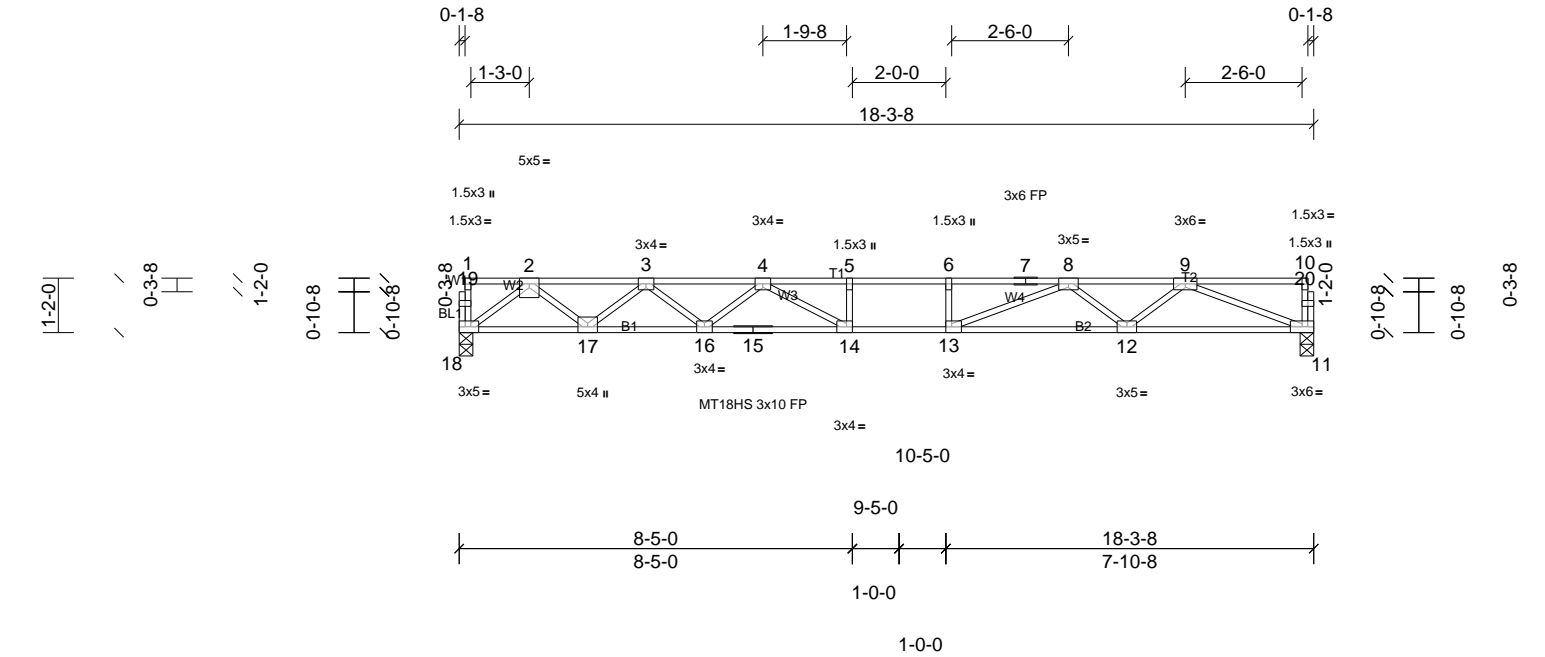


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Professional Engineer Seal for North Carolina, State of North Carolina, Professional Engineer, Seal No. 054919, Expires 8/6/2025, Hunter B. Doss.

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



Loading	(psf)	Spacing		CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.85	Vert(LL)	-0.35	13-14	>619	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	1.00	Vert(CT)	-0.48	14	>450	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.08	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 89 lb	FT = 20%F, 12%E

LUMBER

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

BRACING

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

**TOP CHORD** 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

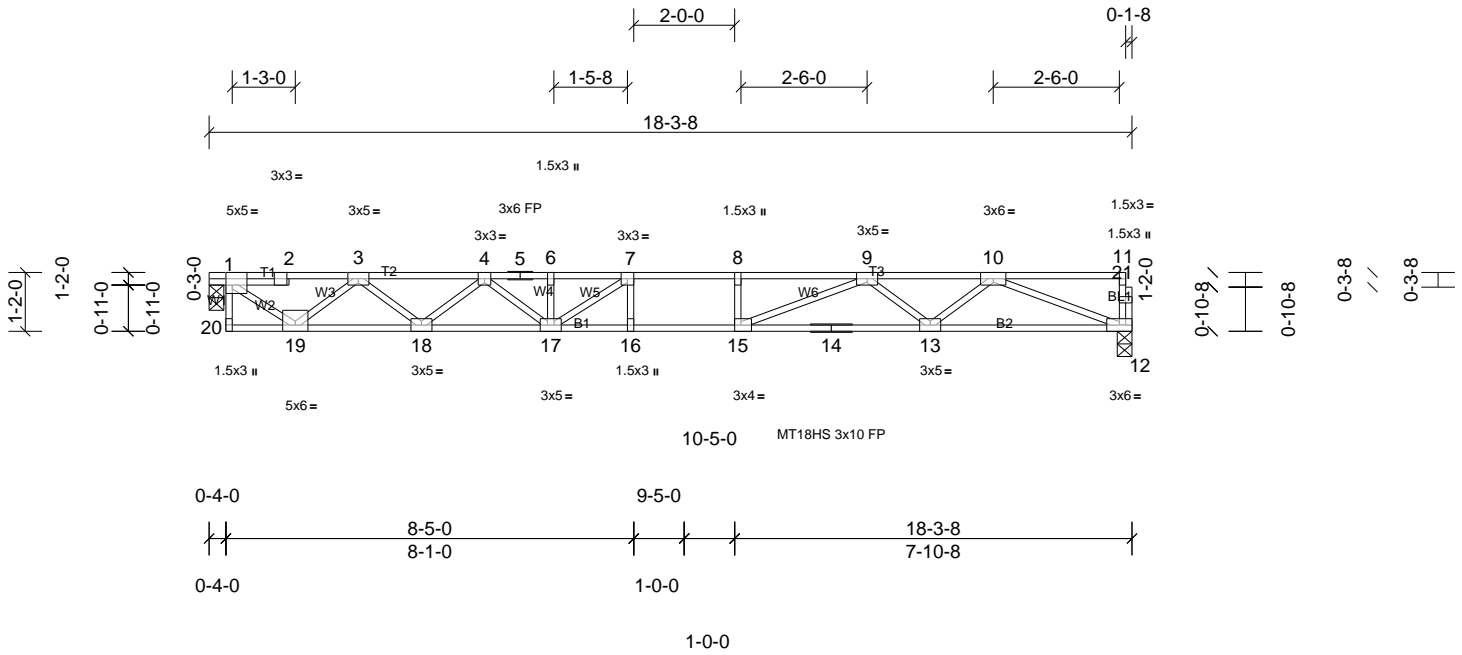


Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	F212	Floor	3	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:20:02  
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Page: 1



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	0.79	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)  
WEBS 2x4 SP No.3(flat)  
OTHERS 2x4 SP No.3(flat)

#### BRACING

TOP CHORD Structural wood sheathing directly applied or 4-8-2 oc purlins, except end verticals.  
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc 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  
BOT CHORD 18-19=0/2095, 17-18=0/3415, 16-17=0/4128,  
15-16=0/4128, 14-15=0/3453, 13-14=0/3453,  
12-13=0/2142  
WEBS 1-19=0/1396, 3-19=-1271/0, 3-18=0/879,  
4-18=-839/0, 4-17=0/529, 7-17=-752/124,  
10-12=-2297/0, 10-13=0/887, 9-13=-821/0,  
9-15=0/978

#### 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.

LOAD CASE(S) Standard



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.



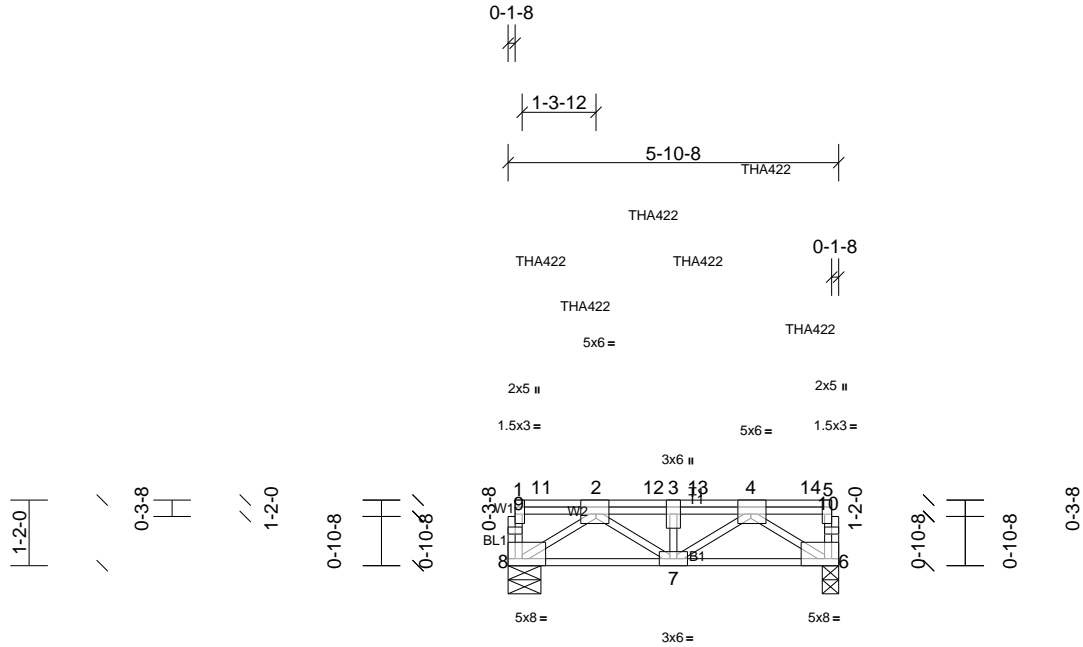


Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	FG1	FLOOR GIRDER	1	1	Job Reference (optional)

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

Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:20:03  
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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	0.47	Vert(LL)	-0.03	7	>999	480	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

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)

Vert: 6-8=-10, 1-5=-100  
Concentrated Loads (lb)  
Vert: 2=-467 (F), 4=-742 (B), 11=-772 (B), 12=-742 (B), 13=-467 (F), 14=-501 (F)

#### BRACING

TOP CHORD Structural wood sheathing directly applied or 5-10-8 oc purlins, except end verticals.  
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc 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.

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

#### NOTES

- 1) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/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.
- 3) 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.
- 4) 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.
- 5) Fill all nail holes where hanger is in contact with lumber.
- 6) 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)

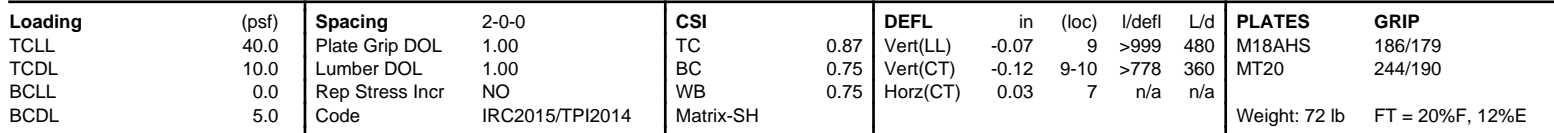


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UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry      Run: 8.83 S   Apr 11 2025   Print: 8.830 S   Apr 11 2025   MiTek Industries, Inc.   Wed Aug 06 10:20:03      Page: 1  
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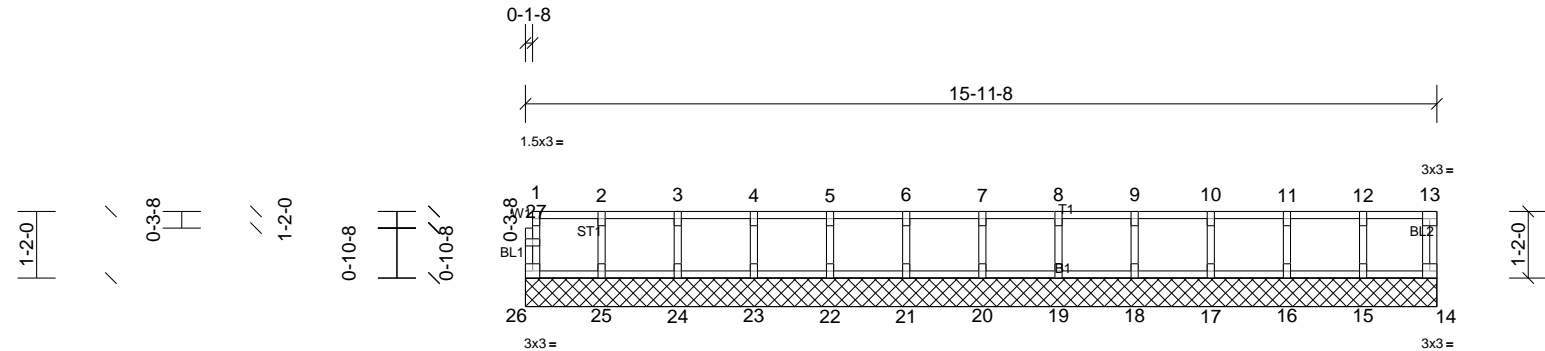


8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

**LOAD CASE(S) Standard**

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



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	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)  
 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 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

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

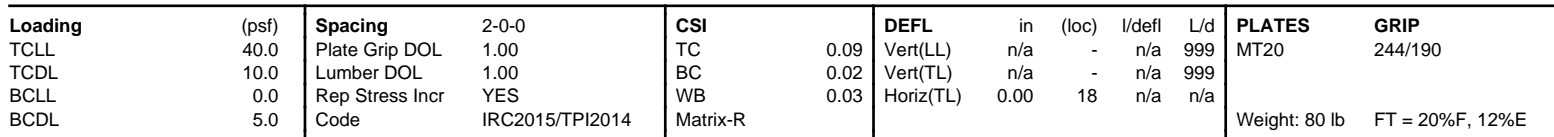
NOTES

- 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.

**LOAD CASE(S)** Standard



UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry      Run: 8.83 S   Apr 11 2025   Print: 8.830 S   Apr 11 2025   MiTek Industries, Inc.   Wed Aug 06 10:20:04      Page: 1  
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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)

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.

(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

(lb) or less except when shown.

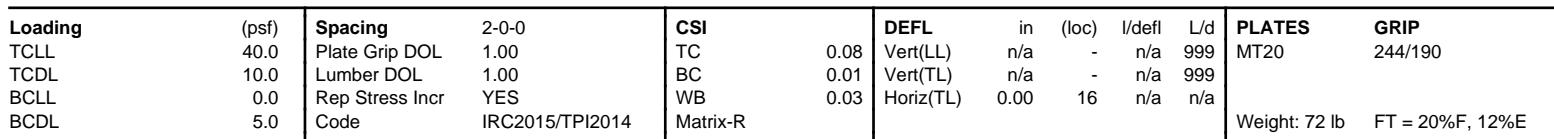
- 1) All plates are 1.5x3 (||) MT20 unless otherwise indicated.
- 2) Gable requires continuous bottom chord bearing.
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- 5) This truss is designed in accordance 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.

**LOAD CASE(S)** Standard

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 SBCE and Truss Plate Institute.



UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry Run: 8.83 S Apr 11 2025 Print: 8.830 S Apr 11 2025 MiTek Industries, Inc. Wed Aug 06 10:20:04 Page: 1  
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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)

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.

(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

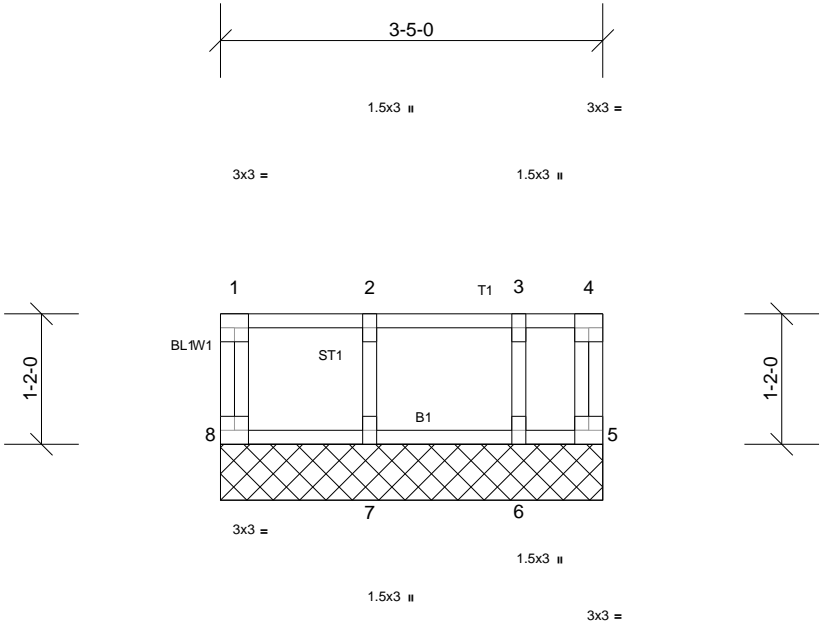
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- 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) 16 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.

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
72521918	K203	Floor Supported Gable	1	1	Job Reference (optional)



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

BRACING

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

LOAD CASE(S) Standard

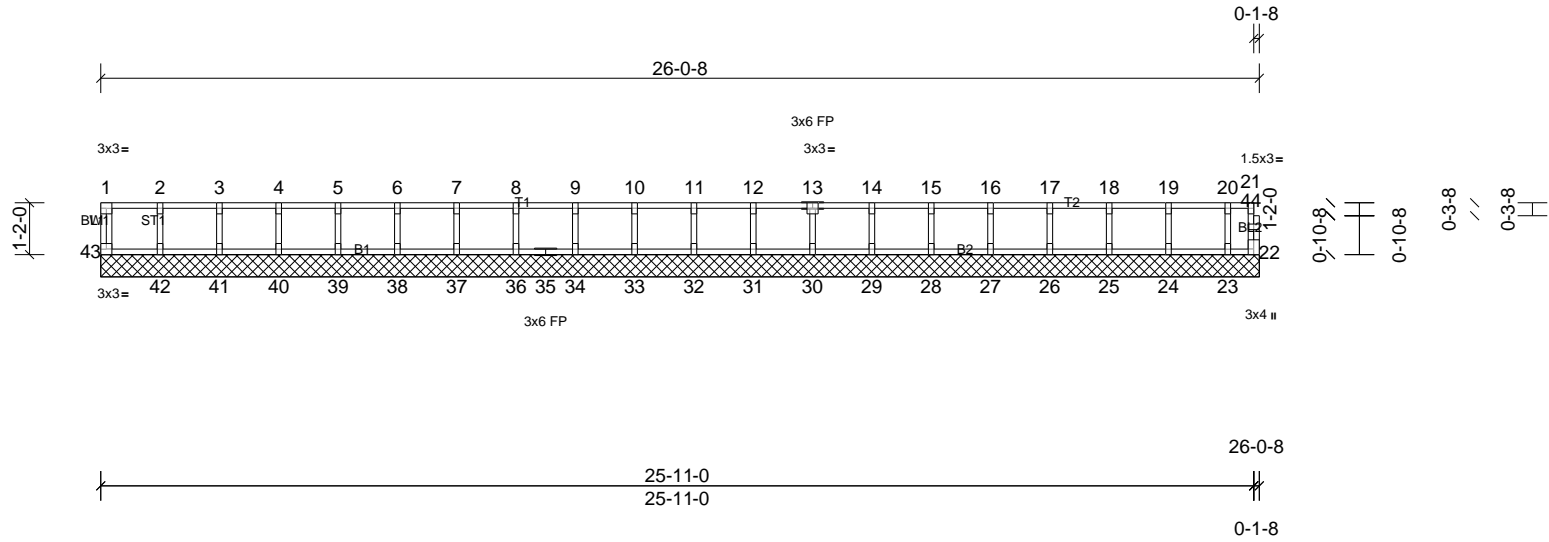


Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR
72521918	K204	Floor Supported Gable	1	1	Job Reference (optional)

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

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Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	0.00	22	n/a	n/a	Weight: 108 lb
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							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 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 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) 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.

LOAD CASE(S) Standard

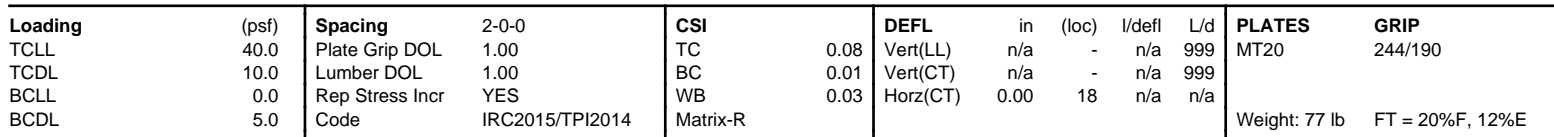


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## LOAD CASE(S) Standard



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.

