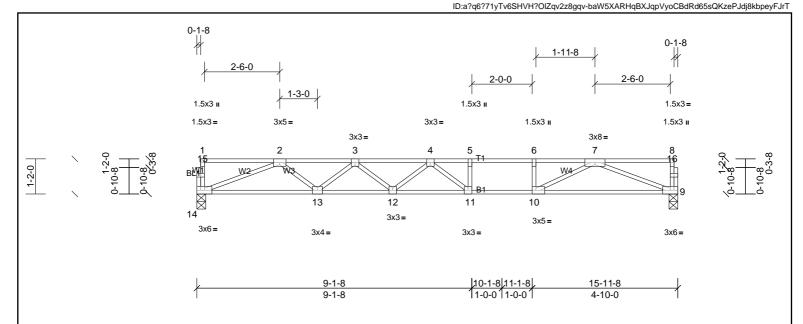
Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	F200	Truss	3	1	4 LDP Job Reference (optional)

Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:36

Page: 1

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



Scale = 1:38.4

Plate Offsets (X, Y):	[10:0-1-8,E0	gej										
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

BRACING

TOP CHORD 2x4 SP SS(flat) TOP CHORD

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

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 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. TOP CHORD $2\hbox{-}3\hbox{--}2391/0,\ 3\hbox{-}4\hbox{--}3135/0,\ 4\hbox{-}5\hbox{--}2950/0,\ 5\hbox{-}6\hbox{--}2950/0,\ 6\hbox{-}7\hbox{--}2950/0}$ **BOT CHORD** $13\text{-}14\text{=}0/1852,\ 12\text{-}13\text{=}0/2903,\ 11\text{-}12\text{=}0/3260,\ 10\text{-}11\text{=}0/2950,\ 9\text{-}10\text{=}0/1854$

WEBS $6-10=-421/0,\ 2-14=-1986/0,\ 2-13=0/700,\ 3-13=-667/0,\ 3-12=0/302,\ 4-11=-561/170,\ 7-9=-1987/0,\ 7-10=0/1281/2,\ 3-12=0/302,\ 4-11=-561/170,\ 7-9=-1987/0,\ 7-10=0/1281/2,\ 3-12=0/302,\ 4-11=-561/170,\ 7-9=-1987/0,\ 7-10=0/1281/2,\ 3-12=0/302,\ 4-11=-561/170,\ 7-9=-1987/0,\ 7-10=0/1281/2,\ 3-12=0/302,\ 4-11=-561/170,\ 7-9=-1987/0,\ 7-10=0/1281/2,\ 3-12=0/302,\ 4-11=-561/170,\ 7-9=-1987/0,\ 7-10=0/1281/2,\ 3-12=0/302,\ 4-11=-561/170,\ 7-9=-1987/0,\ 7-10=0/1281/2,\ 3-12=0/302,\ 4-11=-561/170,\ 7-9=-1987/0,\ 7-10=0/1281/2,\ 3-12=0/302,\ 4-11=-561/170,\ 7-9=-1987/0,\ 7-10=0/1281/2,\ 3-12=0/302,\ 3$

NOTES

LUMBER

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3)

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

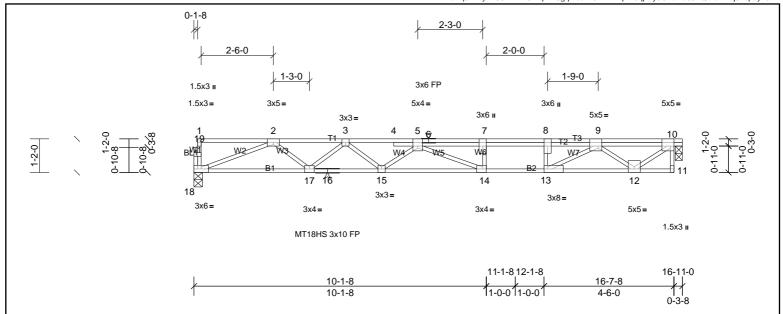




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	F201A	Truss	1	1	Job Reference (optional)

Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:36

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Scale = 1:40.1

Plate Offsets (X, Y):	late Offsets (X, Y): [5:0-2-0,Edge], [8:0-3-0,Edge], [9:0-1-8,Edge], [10:0-1-8,Edge], [14:0-1-8,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	0.72	Vert(LL)	-0.30	14-15	>648	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.92	Vert(CT)	-0.43	14-15	>461	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.02	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 94 lb	FT = 20%F, 12%E

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

TOP CHORD Structural wood sheathing directly applied or 5-2-7 oc purlins, except end BOT CHORD 2x4 SP No.1(flat)

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

Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 14-15. **OTHERS** 2x4 SP No.3(flat)

REACTIONS (lb/size) 10=904/0-2-15, (min. 0-1-8), 18=898/0-3-8, (min. 0-1-8)

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

2-3=-2532/0, 3-4=-3419/0, 4-5=-3424/0, 5-6=-3325/0, 6-7=-3325/0, 7-8=-3325/0, 8-9=-3325/0, 9-10=-1008/0 **BOT CHORD** 17-18=0/1962, 16-17=0/3071, 15-16=0/3071, 14-15=0/3720, 13-14=0/3325, 12-13=0/1983

WEBS $8-13=-645/0,\ 9-13=0/1589,\ 9-12=-1239/0,\ 10-12=0/1257,\ 2-18=-2104/0,\ 2-17=0/743,\ 3-17=-701/0,\ 3-15=0/452,\ 5-15=-383/0,\ 5-14=-615/224$

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 10.
- 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.

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

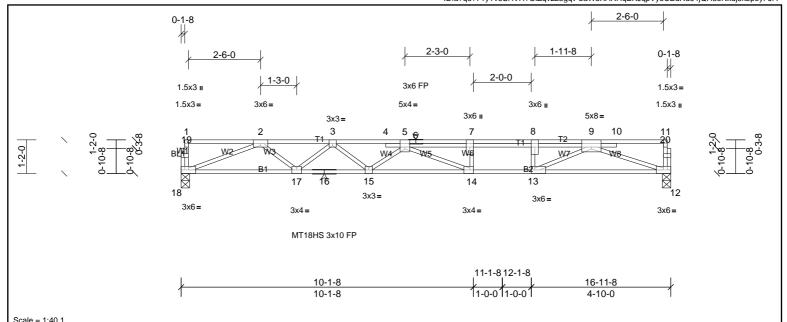




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	F201B	Truss	2	1	Job Reference (optional)

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Scale	;=	1.40.

Plate Offsets (X, Y):	[5:0-2-0,Edg	e], [8:0-3-0,Edge], [9:0-	-4-0,Edge], [13:0-1-8,Edge],	[14:0-1-8,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	0.78	Vert(LL)	-0.33	14-15	>605	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.93	Vert(CT)	-0.46	14-15	>433	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.07	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 93 lb	FT = 20%F, 12%E

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 4-5-7 oc purlins, except end 2x4 SP No.1(flat) **BOT CHORD**

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 14-15. 2x4 SP No.3(flat) WEBS

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 12=913/0-3-8, (min. 0-1-8), 18=913/0-3-8, (min. 0-1-8) **FORCES** (lb) - Max, Comp./Max, Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-2588/0, 3-4=-3502/0, 4-5=-3504/0, 5-6=-3481/0, 6-7=-3481/0, 7-8=-3481/0, 8-9=-3481/0

BOT CHORD 17-18=0/1999, 16-17=0/3145, 15-16=0/3145, 14-15=0/3814, 13-14=0/3481, 12-13=0/2115

WEBS $8-13=-597/0,\ 2-18=-2144/0,\ 2-17=0/767,\ 3-17=-725/0,\ 3-15=0/465,\ 5-15=-397/0,\ 5-14=-571/277,\ 9-12=-2250/0,\ 9-13=0/1601/277,\ 9-12=-2250/0,\ 9-12=0/1601/277,\ 9-12=-2250/0,\ 9-12=-2250/0,\ 9-12=0/1601/2770,\ 9-12=0/1601/2770,\ 9-12=0/1601/2770,\ 9-12=0/1601/2770,\ 9-12=0/1601/2770,\ 9-12=0/1601/2770,\ 9-12=0/1601/2770,\ 9-12=0/1601/2770,\ 9-12=0/1601/2770,\ 9-12=0/1601/2770,\ 9-12=0/1601/2770,\$

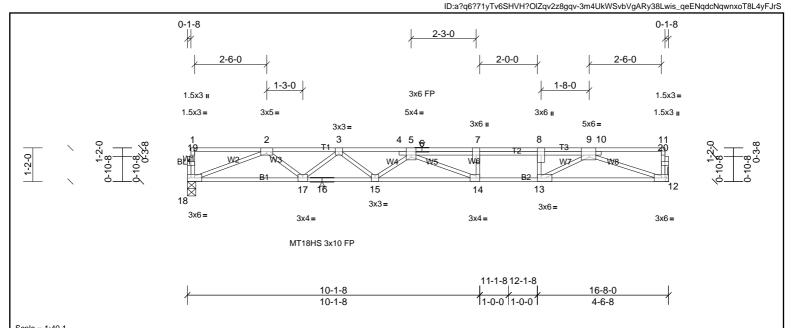
- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 4) Recommend 2x6 strongbacks,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







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Scale =	1.40.	'	

riate Offsets (A, 1).	inter Orisota (A, 1). [0.0.2-0,Eugoj, [0.0.2-12,Eugoj, [10.0-1-0,Eugoj]											
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	0.85	Vert(LL)	-0.32	14-15	>612	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.91	Vert(CT)	-0.45	14-15	>438	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.06	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 90 lb	FT = 20%F, 12%E

LUMBER **BRACING** TOP CHORD 2x4 SP No.2(flat) TOP CHORD

[5:0-2-0 Edge] [8:0-3-0 Edge] [0:0-2-12 Edge] [13:0-1-8 Edge] [14:0-1-8 Edge]

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

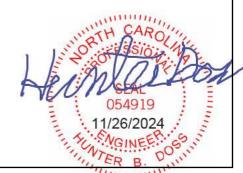
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 12=897/ Mechanical, (min. 0-1-8), 18=897/0-3-8, (min. 0-1-8) **FORCES** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-2530/0, 3-4=-3393/0, 4-5=-3381/0, 5-6=-3311/0, 6-7=-3311/0, 7-8=-3311/0, 8-9=-3311/0 **BOT CHORD** 17-18=0/1958, 16-17=0/3070, 15-16=0/3070, 14-15=0/3668, 13-14=0/3311, 12-13=0/2091

WEBS $8-13=-640/0,\ 2-18=-2099/0,\ 2-17=0/745,\ 3-17=-703/0,\ 3-15=0/420,\ 5-15=-349/0,\ 5-14=-571/240,\ 9-12=-2224/0,\ 9-13=0/1502$

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

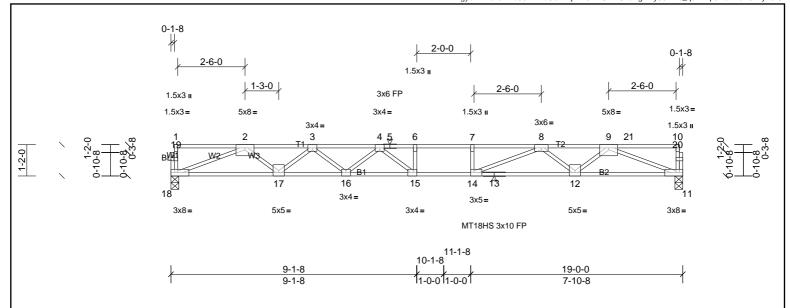




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	F203	Truss	11	1	Job Reference (optional)

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Scale = 1:43 Dioto Offosto (V. V)

Plate Offsets (A, 1):	[14:0-1-6,E0	igej, [15:0-1-8,⊑agej										
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	0.85	Vert(LL)	-0.36	15-16	>617	480	MT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.81	Vert(CT)	-0.59	14-15	>382	360	MT20	244/190
BCLL	0.0	Rep Stress Incr	NO	WB	0.88	Horz(CT)	0.10	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 5-1-3 oc purlins, except end BOT CHORD 2x4 SP SS(flat)

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

REACTIONS (lb/size) 11=1397/0-3-8, (min. 0-1-8), 18=1160/0-3-8, (min. 0-1-8)

[14:0 1 0 Edgo] [15:0 1 0 Edgo]

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

TOP CHORD 2-3=-3517/0, 3-4=-4944/0, 4-5=-5753/0, 5-6=-5753/0, 6-7=-5753/0, 7-8=-5753/0, 8-9=-3935/0

BOT CHORD $17 - 18 = 0/2611,\ 16 - 17 = 0/4381,\ 15 - 16 = 0/5475,\ 14 - 15 = 0/5753,\ 13 - 14 = 0/4807,\ 12 - 13 = 0/4807,\ 11 - 12 = 0/3014$

WEBS 6-15 = -380/0, 7-14 = -361/0, 2-18 = -2802/0, 2-17 = 0/1180, 3-17 = -1126/0, 3-16 = 0/732, 4-16 = -692/0, 4-15 = -30/816, 8-14 = 0/1253, 8-12 = -1135/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-11 = -3231/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-12 = 0/1199, 9-11 = -3231/0, 9-11 = 0/1199, 9-11 = -3231/0

NOTES

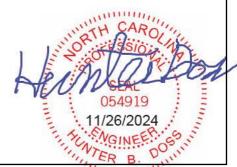
- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 4) Load case(s) 1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

LOAD CASE(S) Standard

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

Uniform Loads (lb/ft)

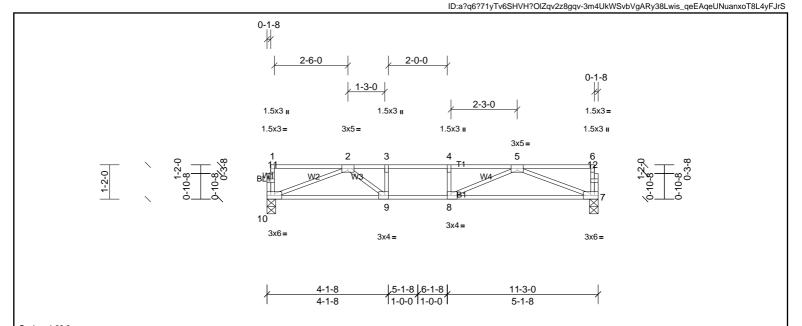
Vert: 11-18=-10, 1-4=-100, 4-21=-140, 10-21=-176





Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	F204	Truss	2	1	Job Reference (optional)

Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:37



Scale = 1:39.3

LUMBER

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

BRACING

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

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

REACTIONS (lb/size) 7=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.

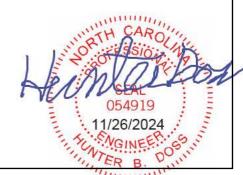
TOP CHORD 2-3=-2128/0, 3-4=-2128/0, 4-5=-2128/0 **BOT CHORD** 9-10=0/1647, 8-9=0/2128, 7-8=0/1639

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

NOTES

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

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





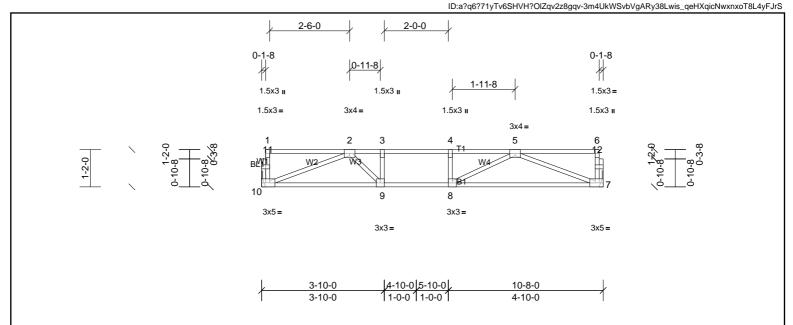
Page: 1



Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:37

Page: 1

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



Scale = 1:36.2

LUMBER

Plate Offsets (X, Y): [7:0-2-0,Edge], [10:0-2-0,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	0.65	Vert(LL)	-0.12	7-8	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.59	Vert(CT)	-0.19	7-8	>647	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.02	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 52 lb	FT = 20%F, 12%E

BRACING

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

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

OTHERS 2x4 SP No.3(flat) REACTIONS (lb/size) 7=567/ Mechanical, (min. 0-1-8), 10=567/ Mechanical, (min. 0-1-8)

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

TOP CHORD 2-3=-1396/0, 3-4=-1396/0, 4-5=-1396/0 **BOT CHORD** 9-10=0/1129, 8-9=0/1396, 7-8=0/1112

WEBS 3-9=-308/0, 2-10=-1207/0, 2-9=0/534, 5-7=-1190/0, 5-8=0/458

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





Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	F206	Truss	1	1	Job Reference (optional)

Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:37

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

Page: 1

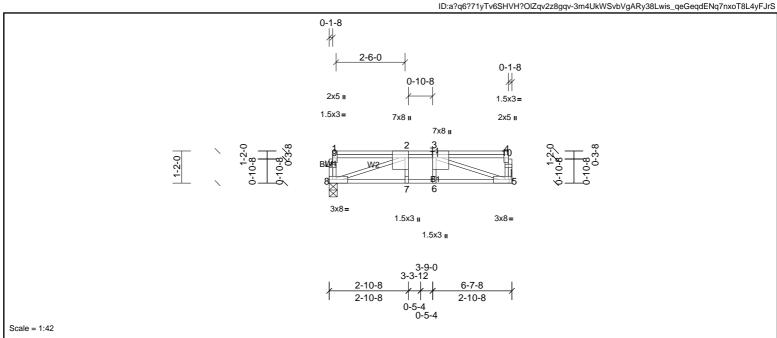


Plate Offsets (X, Y):	[2:0-3-0.Edge], [3:0-3-0.Edge], [4:0-3-0.Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.77	Vert(LL)	-0.09	5-6	>865	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.94	Vert(CT)	-0.12	5-6	>623	360		
BCLL	0.0	Rep Stress Incr	NO	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 **BRACING**

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

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

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

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

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

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
- 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: 5-8=-10, 1-4=-100

Concentrated Loads (lb)

Vert: 3=-1560

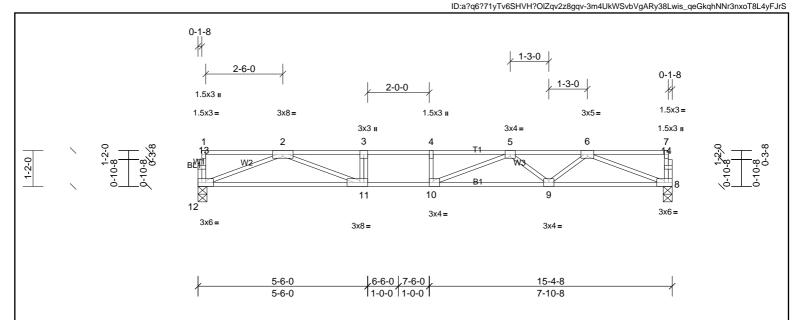




Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	F207	Truss	2	1	Job Reference (optional)

Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:37 Page: 1

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



Scale = 1:37.5

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

LUMBER **BRACING**

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

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

OTHERS 2x4 SP No.3(flat) REACTIONS (lb/size)

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

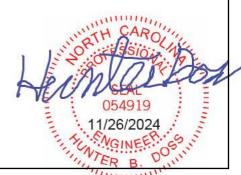
TOP CHORD 2-3=-3169/0, 3-4=-3169/0, 4-5=-3169/0, 5-6=-2511/0

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

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

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



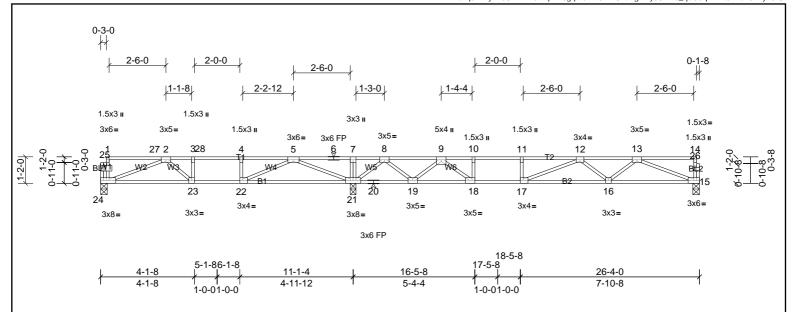


Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	F208	Truss	6	1	Job Reference (optional)

Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:38

Page: 1 $ID: a?q6?71yTv6SHVH?OIZqv2z8gqv-3m4UkWSvbVgARy38Lwis_qeG5qhENtOnxoT8L4yFJrSuperstrate and the property of th$

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



Scale = 1:50.9

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

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	0.74	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 **BRACING**

TOP CHORD 2x4 SP SS(flat) TOP CHORD BOT CHORD 2x4 SP SS(flat)

Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 19-21,18-19. BOT CHORD 2x4 SP No.3(flat) WEBS **OTHERS** 2x4 SP No.3(flat)

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,

> 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 $2 - 3 - 1790/0, \ 3 - 28 - 1790/0, \ 4 - 28 - 1790/0, \ 4 - 5 - 1790/0, \ 5 - 6 - 0/1362, \ 6 - 7 - 0/1362, \ 7 - 8 - 0/1352, \ 8 - 9 - 888/270, \ 9 - 10 - 2383/0, \ 10 - 11 - 2383/0, \ 11 - 12 - 2383/0, \ 12 - 13 - 2072/0, \ 11 - 12 - 2383/0, \ 12 - 13 - 2072/0, \ 11 - 12 - 2383/0, \ 12 - 13 - 2072/0, \ 13 - 12 - 2383/0, \ 13 - 13 - 2072/0, \ 13 - 12 - 2383/0, \ 13 - 13 - 2072/0, \ 13 - 12 - 2383/0, \ 13 - 13 - 2072/0, \ 13 - 12 - 2383/0, \ 14 - 13 - 2383/0,$

BOT CHORD 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, 19-20=-518/178, 18-19=-9/1640, 17-18=0/2383, 16-17=0/2434, 15-16=0/1619, 19-20=-518/178, 18-19=-9/1640, 17-18=0/2383, 16-17=0/2434, 15-16=0/1619, 19-20=-518/178, 18-19=-9/1640, 17-18=0/2383, 16-17=0/2434, 15-16=0/1619, 19-20=-518/178,

 $4-22=-382/0,\ 10-18=-440/0,\ 7-21=-291/0,\ 2-24=-1644/0,\ 2-23=0/318,\ 5-21=-2040/0,\ 5-22=0/1064,\ 8-21=-1349/0,\ 8-19=0/964,\ 9-19=-1047/0,\ 9-18=0/1097,\ 13-15=-1735/0,\ 13-16=0/590,\ 13-16=0/5$

12-16=-471/0, 12-17=-337/179

WEBS NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- 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 4)
- to walls at their outer ends or restrained by other means 5) 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=-10, 1-27=-140, 27-28=-176, 7-28=-140, 7-14=-100



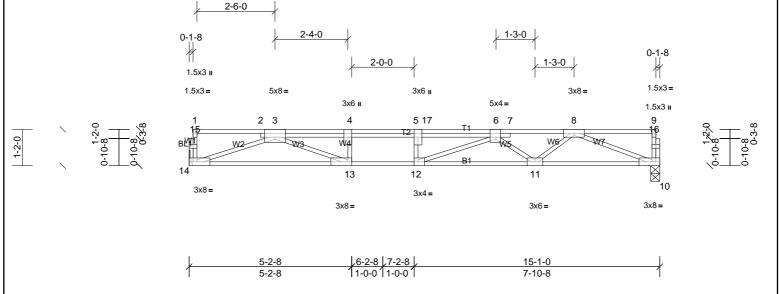


Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	F209	Truss	5	1	Job Reference (optional)

Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:38

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

ID: a?q6?71yTv6SHVH?OIZqv2z8gqv-XyesxrTXMoo136eLvdD5X2BN7E1I6FfwASDitWyFJrR2-6-0 2-4-0 0 - 1 - 8



Scale = 1:37.1

Plate Offsets (X, Y):	Plate Offsets (X, Y): [3:0-4-0,Edge], [5:0-3-0,Edge], [6:0-1-12,Edge], [12:0-1-8,Edge]												
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	40.0	Plate Grip DOL	1.00	TC	0.98	Vert(LL)	-0.19	11-12	>925	480	MT20	244/190	
TCDL	30.0	Lumber DOL	1.00	BC	0.66	Vert(CT)	-0.39	11-12	>462	360			
BCLL	0.0	Rep Stress Incr	NO	WB	0.88	Horz(CT)	0.06	10	n/a	n/a			
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH		1					Weight: 84 lb	FT = 20%F, 12%E	

LUMBER **BRACING**

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

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

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 10=1141/0-3-8, (min. 0-1-8), 14=1155/ Mechanical, (min. 0-1-8) **FORCES** (lb) - Max, Comp./Max, Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 3-4=-4301/0, 4-5=-4301/0, 5-17=-4301/0, 6-17=-4301/0, 6-7=-3210/0, 7-8=-3211/0

BOT CHORD 13-14=0/2678, 12-13=0/4301, 11-12=0/3941, 10-11=0/2455

WEBS $4-13 = -594/0, \, 5-12 = -255/0, \, 3-14 = -2849/0, \, 3-13 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 6-11 = -928/0, \, 6-12 = 0/733 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 6-11 = -928/0, \, 6-12 = 0/733 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 6-11 = -928/0, \, 6-12 = 0/733 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 6-11 = -928/0, \, 6-12 = 0/733 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 6-11 = -928/0, \, 6-12 = 0/733 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 6-11 = -928/0, \, 6-12 = 0/733 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 6-11 = -928/0, \, 6-12 = 0/733 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 6-11 = -928/0, \, 6-12 = 0/733 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 6-11 = -928/0, \, 6-12 = 0/733 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 6-11 = -928/0, \, 6-12 = 0/733 = 0/1841, \, 8-10 = -2631/0, \, 8-11 = 0/984, \, 8-10 = 0/1841, \, 8-10 = 0$

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- 4) 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, 1-4=-140, 4-17=-176, 9-17=-140





Page: 1



Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:38

Page: 1

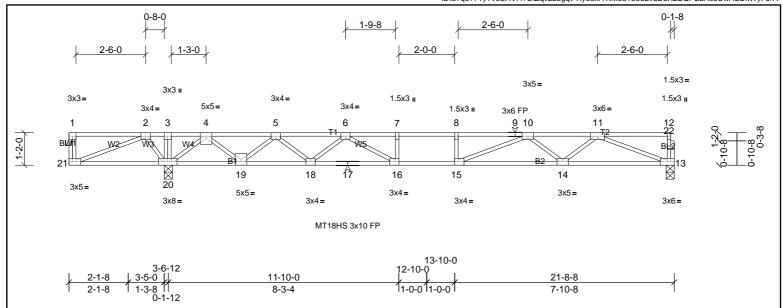


Plate Offsets (X, Y):	[15:0-1-8,Edge], [16:0-1-8,Edge], [21:0-2-0,Edge]

Loading ((psf)	Spacing	2-0-0	CSI	1	DEFL	in	(loc)	I/defI	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	l						Weight: 108 lb	FT = 20%F, 12%E

LUMBER **BRACING** 2x4 SP No.2(flat)

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

BOT CHORD 2x4 SP No.3(flat)

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

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

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

TOP CHORD $2-3=0/612,\ 3-4=0/611,\ 4-5=-1942/0,\ 5-6=-3330/0,\ 6-7=-4164/0,\ 7-8=-4164/0,\ 8-9=-4164/0,\ 9-10=-4164/0,\ 10-11=-2838/0$ **BOT CHORD** $20-21-298/0,\ 19-20-239/1071,\ 18-19=0/2794,\ 17-18=0/3825,\ 16-17=0/3825,\ 15-16=0/4164,\ 14-15=0/3474,\ 13-14=0/2152$

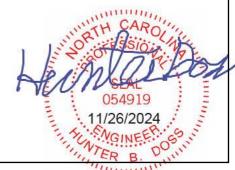
WEBS 7-16 = -278/0, 8-15 = -256/0, 2-21 = 0/320, 2-20 = -514/0, 4-20 = -1585/0, 4-19 = 0/1175, 5-19 = -1146/0, 5-18 = 0/732, 6-18 = -692/0, 6-16 = -50/851, 11-13 = -2309/0, 11-14 = 0/893, 10-14 = -828/0, 11-14 = 0/893, 10-14 = 0/893,

10-15=0/1001

NOTES

Scale = 1:41.5

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

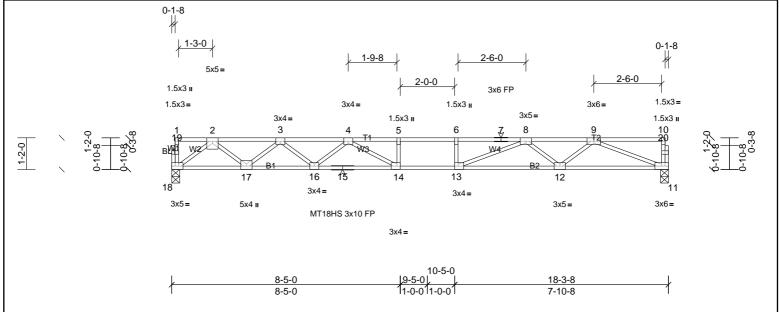






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Scale = 1:42.6 Dioto Offosto (V. V)

riale Olisels (X, 1).	[13.0-1-0,Eu	gej, [14.0-1-6,Lugej, [1	0.0-2-0,Lugej									
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	0.85	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 **BRACING**

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

BOT CHORD

Rigid ceiling directly applied or 1-4-12 oc bracing. 2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

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.

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

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 $6-13=-264/0,\ 2-18=-1547/0,\ 2-17=0/1128,\ 3-17=-1089/0,\ 3-16=0/680,\ 4-16=-627/0,\ 4-14=-84/732,\ 9-11=-2337/0,\ 9-12=0/908,\ 8-12=-845/0,\ 8-13=0/1040$

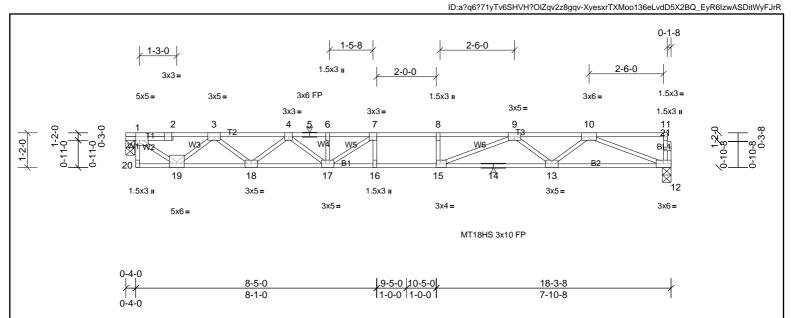
- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 4) Recommend 2x6 strongbacks,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







Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:38



Scale = 1:38.8 Dioto Offosto (V. V)

Flate Offsets (A, 1).	[1.0-1-6,Eug	ej, [15.0-1-6,Euge]										
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 BRACING

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

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

Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 16-17 **OTHERS** 2x4 SP No.3(flat) 1-4-12 oc bracing: 15-16.

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

FORCES (lb) - Max, Comp./Max, Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 1-2=-1123/0, 2-3=-1119/0, 3-4=-2770/0, 4-5=-3829/0, 5-6=-3829/0, 6-7=-3829/0, 7-8=-4128/0, 8-9=-4128/0, 9-10=-2823/0

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

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

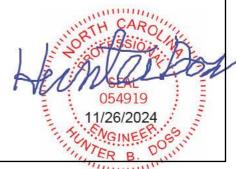
NOTES

1) Unbalanced floor live loads have been considered for this design.

[1:0.1.9 Edga] [1E:0.1.9 Edga

- 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/
- 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 4)
- to walls at their outer ends or restrained by other means.

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





Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	FG1	Truss	1	1	Job Reference (optional)

Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Nov 26 12:53:38

Page: 1

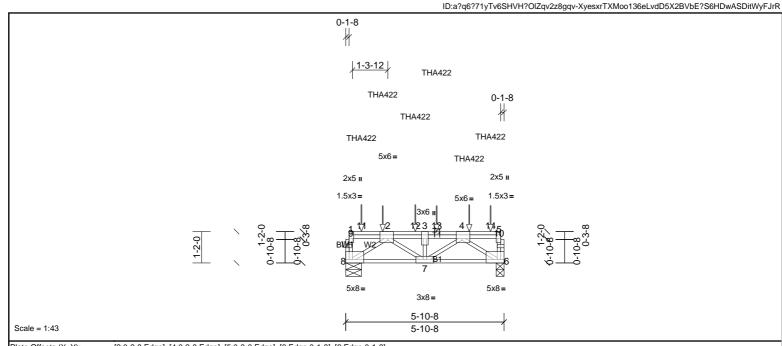


Plate Offsets (X, Y): [2:0-2-8,Edge], [4:0-2-8,Edge], [5:0-3-0,Edge], [6:Edge,0-1-8], [8:Edge,0-1-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.50	Vert(LL)	-0.03	7	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.81	Vert(CT)	-0.05	7	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.71	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.

WEBS 244 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) 6=2168/0-3-8, (min. 0-1-8), 8=2293/0-7-0, (min. 0-1-9)

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

TOP CHORD 8-9=-608/0, 1-9=-607/0, 6-10=-450/0, 5-10=-449/0, 2-12=-3304/0, 3-12=-3304/0, 3-13=-3304/0, 4-13=-3304/0

BOT CHORD 7-8=0/2491, 6-7=0/2529

WEBS 4-6=-3025/0, 2-8=-2967/0, 4-7=0/951, 3-7=-1106/0, 2-7=0/998

NOTES

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

 4) 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.
- 5) 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.
- 6) Fill all nail holes where hanger is in contact with lumber.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (lb/ft)

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

Concentrated Loads (lb)

Vert: 4=-797 (F), 2=-467 (B), 11=-827 (F), 12=-797 (F), 13=-467 (B), 14=-501 (B)





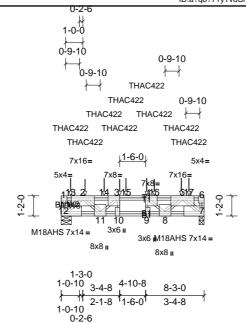
Job MUNGO HOMES - TELFAIR C 2ND FLR Truss Truss Type Qty Ply FG2 1 72436984 Truss 1 Job Reference (optional)

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. Tue Nov 26 12:53:39

Page: 1 $ID: a?q6?71yTv6SHVH?OIZqv2z8gqv-?9BE9BU976wuhGDXTLkK3Fka1eKDrj34P6yFQzyFJrQardinarder{A} and a substitution of the control o$

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



Scale = 1:66.9 Plate Offsets (X, Y):

[1:Edge,0-3-0], [3:0-1-8,Edge], [4:0-1-8,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)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.84	Vert(LL)	-0.07	10-11	>999	480	M18AHS	186/179
TCDL	10.0	Lumber DOL	1.00	BC	0.84	Vert(CT)	-0.13	10	>761	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 5-4-3 oc purlins, except end BOT CHORD 2x4 SP SS(flat)

BOT CHORD

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

2x4 SP No.3(flat)

REACTIONS (lb/size) 7=4441/0-3-8, (min. 0-3-0), 12=4304/0-7-0, (min. 0-2-14)

Max Grav 7=4470 (LC 4), 12=4304 (LC 1)

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

 $1-12=-571/0,\, 6-7=-368/0,\, 2-14=-6880/0,\, 3-14=-6880/0,\, 3-15=-9008/0,\, 4-15=-9008/0,\, 4-16=-7014/0,\, 5-16=-7$

BOT CHORD 11-12=0/4553, 10-11=0/9023, 9-10=0/9008, 8-9=0/9002, 7-8=0/5009

WEBS $2-12=-5873/0,\ 5-7=-6461/0,\ 2-11=0/3371,\ 3-11=-3444/0,\ 3-10=-621/298,\ 4-8=-3367/0,\ 4-9=-389/524,\ 5-8=0/3126$

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

 Use Simpson Strong-Tie THAC422 (6-16d Girder, 6-16d Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-4-8 from the left end to 7-4-8 to
- 6) connect truss(es) to front face of top chord.
- 7) Use Simpson Strong-Tie THAC422 (6-16d Girder, 6-16d Truss) or equivalent spaced at 2-0-0 oc max. starting at 0-6-8 from the left end to 6-11-4 to connect truss(es) to back face of top chord
- 8) 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: 2=-467 (F), 5=-1055 (B), 3=-467 (F), 4=-1055 (B), 13=-1084 (B), 14=-1055 (B), 15=-1055 (B), 16=-467 (F), 17=-1159 (F)

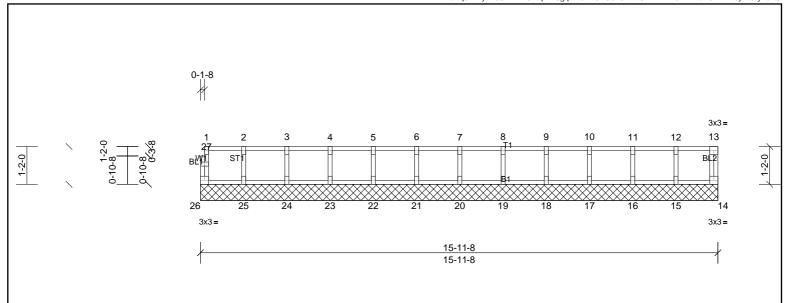






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Scale = 1:35.7

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

BOT CHORD

LUMBER **BRACING** TOP CHORD

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

2x4 SP No.3(flat)

REACTIONS All bearings 15-11-8.

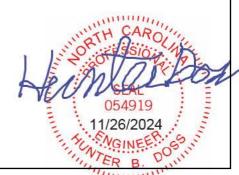
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 14, 15, 16, 17, 18, 19, 20, 21, 22,

23, 24, 25, 26

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

NOTES

- 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/
- 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)



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

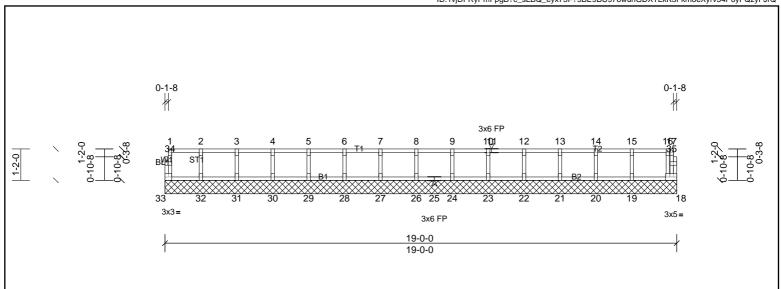
Rigid ceiling directly applied or 10-0-0 oc bracing.

verticals





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Scale = 1:43

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
 BRACING

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

 TOP CHORD
 2x4 SP No.2(flat)

 BOT CHORD
 2x4 SP No.2(flat)

 WEBS
 2x4 SP No.3(flat)

 OTHERS
 2x4 SP No.3(flat)

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

REACTIONS All bearings 19-0-0.

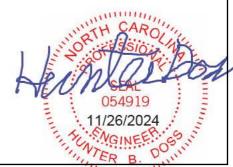
(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 18, 19, 20, 21, 22, 23, 24, 26, 27,

28, 29, 30, 31, 32, 33

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

NOTES

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



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

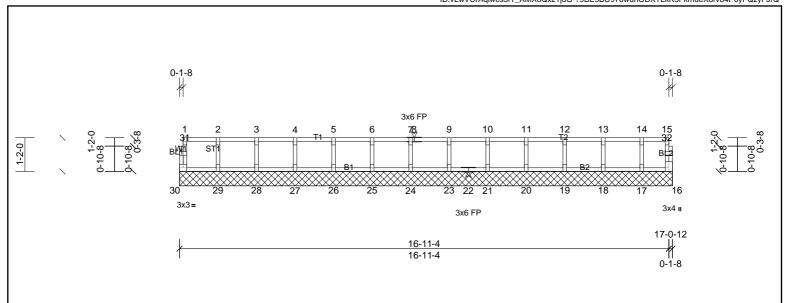
Rigid ceiling directly applied or 10-0-0 oc bracing.

verticals





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Scale = 1:40.1

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

 LUMBER
 BRACING

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

 TOP CHORD
 2x4 SP No.2(flat)

 BOT CHORD
 2x4 SP No.2(flat)

 WEBS
 2x4 SP No.3(flat)

 OTHERS
 2x4 SP No.3(flat)

2x4 SP No.3(flat)

BOT CHORD

2x4 SP No.3(flat)

REACTIONS All bearings 17-0-12.

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

26, 27, 28, 29, 30

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

NOTES

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



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

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

verticals



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR C 2ND FLR
72436984	K203	Truss	1	1	Job Reference (optional)

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1.5x3 || 3x3 =

3x3 = 1.5x3 ||

1.5x3 ||

3x3 = 1.5x3 ||

1.5x3 ||

3x3 = 1.5x3 ||

3x3 = 1.5x3 ||

3x3 = 1.5x3 ||

3x3 = 1.5x3 ||

Scale = 1:22.1

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

BOT CHORD

 LUMBER
 BRACING

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

 TOP CHORD
 2x4 SP No.2(flat)

 BOT CHORD
 2x4 SP No.2(flat)

 WEBS
 2x4 SP No.3(flat)

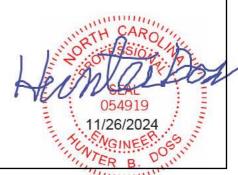
OTHERS 2x4 SP No.3(flat) **REACTIONS** All bearings 3-5-0.

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

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

NOTES

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



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

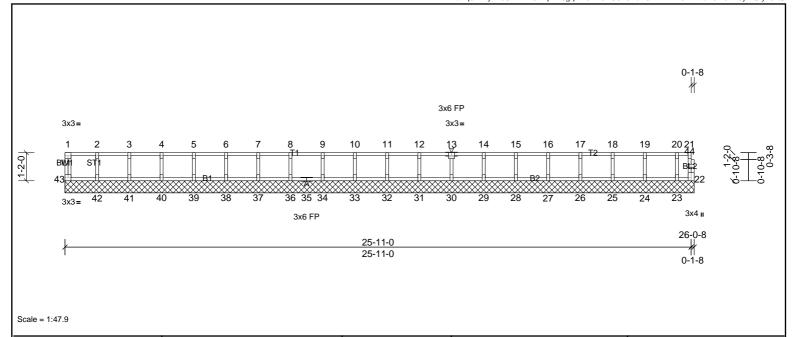
Rigid ceiling directly applied or 10-0-0 oc bracing.





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DEFL

Vert(LL)

Vert(TL)

Horiz(TL)

0.08

0.02

0.03

TOP CHORD

BOT CHORD

in (loc)

n/a

n/a

0.00

I/defI

n/a

n/a 999

n/a

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

22

L/d

999

PLATES

Weight: 108 lb

244/190

FT = 20%F, 12%E

MT20

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

LUMBER **BRACING**

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

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

REACTIONS All bearings 26-0-8

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

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

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

NOTES

Loading

TCLL

TCDL

BCLL

BCDL

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

(psf)

40.0

10.0

0.0

5.0

Spacing

Code

Plate Grip DOL

Rep Stress Incr

Lumber DOL

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

2-0-0 CSI

1.00 TC

1.00 BC

YES WB

Matrix-R

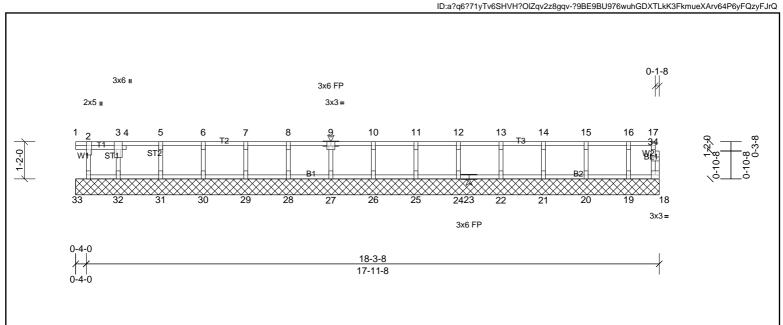
IRC2015/TPI2014

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





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

Ľ	Solistia (X, 1). [2.000, Edge]												
Lo	pading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TO	CLL	40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
T	CDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
В	CLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	18	n/a	n/a		
В	CDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 77 lb	FT = 20%F, 12%E

LUMBER **BRACING**

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

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

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

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

28, 29, 30, 31, 32, 33

FORCES

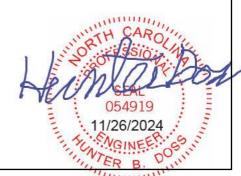
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

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

[2:0 2 0 Edgo]

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



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

