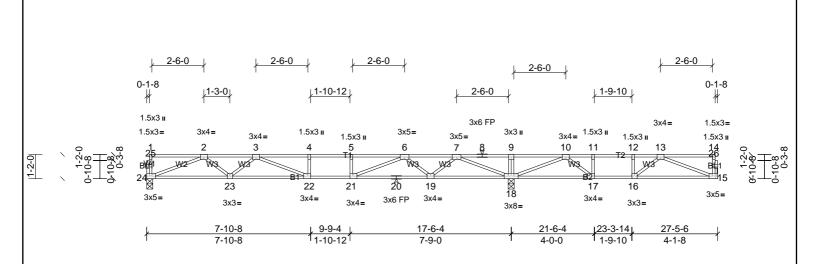
Job	Truss	Truss Type	Qty	Ply	Prof - HOLLY CRAFTSMAN GR 2ND FL
72333273	2F1	Truss	4	1	Job Reference (optional)

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Sep 05 13:58:22

Page: 1 $ID: ObxBgQG7JX?zbJgmArzmwpyMExY-c3Aacn2P8WBB_UBMS5h81qYt2Qg4PUGqaU_eNhyggZ?$



Scale = 1:55.7

Plate Offsets (X, Y):	late Offsets (X, Y): [15:0-2-0,Edge], [17:0-1-8,Edge], [21:0-1-8,Edge], [22:0-1-8,Edge], [24:0-2-0,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	0.82	Vert(LL)	-0.26	22-23	>809	360	MT20	244/190		
TCDL	10.0	Lumber DOL	1.00	BC	0.75	Vert(CT)	-0.35	22-23	>593	240				
BCLL	0.0	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.04	18	n/a	n/a				
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 132 lb	FT = 20%F, 11%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 BOT CHORD 2x4 SP No.1(flat)

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

OTHERS 2x4 SP No.3(flat) REACTIONS 15=280/ Mechanical, (min. 0-1-8), 18=1424/0-3-8, (min. 0-1-8),

24=678/0-3-8, (min. 0-1-8) Max Unlift 15=-13 (LC 3)

Max Grav 15=370 (LC 4), 18=1424 (LC 1), 24=688 (LC 10)

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

TOP CHORD $2-3=-1943/0,\ 3-4=-2576/0,\ 4-5=-2576/0,\ 5-6=-2576/0,\ 6-7=-1256/0,\ 7-8=0/1365,\ 8-9=0/1365,\ 9-10=0/1365,\ 10-11=-731/332,\ 11-12=-731/332,\ 12-13=-731/332$

BOT CHORD 23-24=0/1495, 22-23=0/2335, 21-22=0/2576, 20-21=0/1840, 19-20=0/1840, 18-19=-3/648, 17-18=-674/441, 16-17=-332/731, 15-16=-121/681

WEBS 7-18=-1934/0, 2-24=-1603/0, 7-19=0/813, 2-23=0/584, 6-19=-790/0, 3-23=-509/0, 6-21=0/915, 3-22=-51/456, 10-18=-1201/0, 13-15=-727/131, 10-17=0/682, 13-16=-269/63,

11-17=-328/0

NOTES

- Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 MT20 unless otherwise indicated.

(lb/size)

- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 13 lb uplift at joint 15.
- 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.
- 6) CAUTION, Do not erect truss backwards.

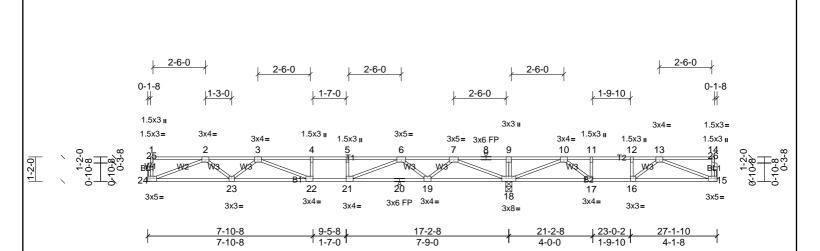




Job	Truss	Truss Type	Qty	Ply	Prof - HOLLY CRAFTSMAN GR 2ND FL
72333273	2F2	Truss	9	1	Job Reference (optional)

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Page: 1



Scale = 1:55.2

Plate Offsets (X, Y):	ate Offsets (X, Y): [15:0-2-0,Edge], [17:0-1-8,Edge], [21:0-1-8,Edge], [22:0-1-8,Edge]													
Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	I/defI	L/d	PLATES	GRIP		
TCLL	40.0	Plate Grip DOL	1.00	TC	0.85	Vert(LL)	-0.23	22-23	>887	360	MT20	244/190		
TCDL	10.0	Lumber DOL	1.00	BC	0.93	Vert(CT)	-0.32	22-23	>641	240				
BCLL	0.0	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.05	18	n/a	n/a				
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 131 lb	FT = 20%F, 11%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 BOT CHORD 2x4 SP No.2(flat)

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

REACTIONS 15=278/ Mechanical, (min. 0-1-8), 18=1415/0-3-8, (min. 0-1-8), 24=661/ (lb/size)

Mechanical, (min. 0-1-8) Max Unlift 15=-14 (LC 3)

Max Grav 15=369 (LC 4), 18=1415 (LC 1), 24=673 (LC 10)

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

TOP CHORD $2-3=-1884/0,\ 3-4=-2468/0,\ 4-5=-2468/0,\ 5-6=-2468/0,\ 6-7=-1205/0,\ 7-8=0/1384,\ 8-9=0/1384,\ 9-10=0/1384,\ 10-11=-723/335,\ 11-12=-723/335,\ 12-13=-723/335$

BOT CHORD 23-24=0/1454, 22-23=0/2259, 21-22=0/2468, 20-21=0/1773, 19-20=0/1773, 18-19=-24/609, 17-18=-681/428, 16-17=-335/723, 15-16=-120/678

WEBS $7-18-1906/0,\ 2-24-1559/0,\ 7-19=0/798,\ 2-23=0/559,\ 6-19=-770/0,\ 3-23=-488/0,\ 6-21=0/873,\ 3-22=-91/423,\ 10-18=-1204/0,\ 13-15=-724/130,\ 10-17=0/690,\ 13-16=-275/58,\ 10-17=0/690$

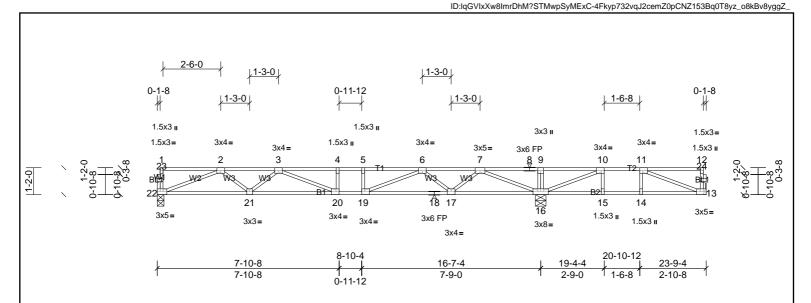
- Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 MT20 unless otherwise indicated.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 14 lb uplift at joint 15.
- 4) This truss is designed in accordance with the 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.
- 6) CAUTION, Do not erect truss backwards.





Job	Truss	Truss Type	Qty	Ply	Prof - HOLLY CRAFTSMAN GR 2ND FL	
72333273	2F3	Truss	3	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Micah Clay	rton Run: 8.62 S Sep	22 2022 Pri	nt: 8.620 S S	Sep 22 2022 MiTek Industries, Inc. Tue Sep 05 13:58:23	Page: 1

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Scale = 1:50.1

Plate Offsets (X, Y):	te Offsets (X, Y): [10:0-1-8,Edge], [11:0-1-8,Edge], [13:0-2-0,Edge], [19:0-1-8,Edge], [20:0-1-8,Edge]													
Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	I/defI	L/d	PLATES	GRIP		
TCLL	40.0	Plate Grip DOL	1.00	TC	0.73	Vert(LL)	-0.19	20-21	>999	360	MT20	244/190		
TCDL	10.0	Lumber DOL	1.00	BC	0.74	Vert(CT)	-0.27	20-21	>741	240				
BCLL	0.0	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.05	16	n/a	n/a				
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 116 lb	FT = 20%F, 11%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.2(flat) **BOT CHORD**

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

OTHERS 2x4 SP No.3(flat)

REACTIONS 13=156/ Mechanical, (min. 0-1-8), 16=1246/0-5-8, (min. 0-1-8), (lb/size)

22=656/0-3-8, (min. 0-1-8) Max Unlift 13=-58 (LC 3)

Max Grav 13=258 (LC 4), 16=1246 (LC 1), 22=667 (LC 10)

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

TOP CHORD $2-3=-1857/0,\ 3-4=-2456/0,\ 4-5=-2456/0,\ 5-6=-2456/0,\ 6-7=-1409/0,\ 7-8=0/1091,\ 8-9=0/1091,\ 9-10=0/1091,\ 10-11=-374/333$

BOT CHORD 21-22=0/1439, 20-21=0/2229, 19-20=0/2456, 18-19=0/1912, 17-18=0/1912, 16-17=0/869, 15-16=-333/374, 14-15=-333/374, 13-14=-333/374 WEBS 7-16=-1824/0, 2-22=-1542/0, 7-17=0/735, 2-21=0/545, 6-17=-695/0, 3-21=-483/0, 6-19=0/719, 3-20=-87/434, 10-16=-1056/0, 11-13=-395/360

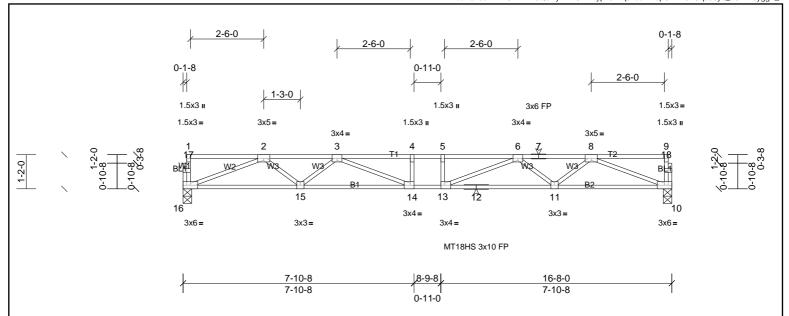
- Unbalanced floor live loads have been considered for this design.
- All plates are 1.5x3 MT20 unless otherwise indicated. 2)
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 58 lb uplift at joint 13.
- 4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ TPI 1.
- 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)
- 6) CAUTION, Do not erect truss backwards.





Job	Truss	Truss Type	Qty	Ply	Prof - HOLLY CRAFTSMAN GR 2ND FL
72333273	2F4	Truss	6	1	Job Reference (optional)

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Sep 05 13:58:23 Page: 1 $ID: dbV07JaRBWGHilfmhJQszlyMEx8-4Fkyp732vqJ2cemZ0pCNZ157Gq0J8yb_o8kBv8yggZ_o8kBv8ygGZ_o8kBv8ygG_o8kBv8ygG_o8kBv8ygG_o8kBv8ygG_o8kBv8ygG_o8kBv8ygC_o8kBv8ygG_o8kBv8ygC_o8kBv8ygC_o8kBv8ygC_o8kBv8ygC_o8kBv8ygC_o8kBv8ygC_o8kBv8ygC_o8kBv8ygC_o8kB$



Scale = 1:39.5 Diota Offosto (V. V)

riale Olisels (X, 1).	rate Olisets (A, 1). [13.0*1*0,Luge], [14.0*1*0,Luge]													
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	0.47	Vert(LL)	-0.21	13-14	>934	360	MT18HS	244/190		
TCDL	10.0	Lumber DOL	1.00	BC	0.75	Vert(CT)	-0.29	13-14	>682	240	MT20	244/190		
BCLL	0.0	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.05	10	n/a	n/a				
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 82 lb	FT = 20%F, 11%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.2(flat) **BOT CHORD**

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

REACTIONS (lb/size) 10=717/0-3-8, (min. 0-1-8), 16=717/0-3-8, (min. 0-1-8)

[12:0 1 0 Edge] [14:0 1 0 Edge]

FORCES (lb) - Max, Comp./Max, Ten. - All forces 250 (lb) or less except when shown. TOP CHORD $2\text{-}3\text{=-}2038/0,\ 3\text{-}4\text{=-}2851/0,\ 4\text{-}5\text{=-}2851/0,\ 5\text{-}6\text{=-}2851/0,\ 6\text{-}7\text{=-}2038/0,\ 7\text{-}8\text{=-}2038/0}$

BOT CHORD 15-16=0/1563, 14-15=0/2471, 13-14=0/2851, 12-13=0/2471, 11-12=0/2471, 10-11=0/1563

WEBS $8-10 = -1676/0, \ 2-16 = -1676/0, \ 8-11 = 0/618, \ 2-15 = 0/618, \ 6-11 = -564/0, \ 3-15 = -564/0, \ 6-13 = 0/590, \ 3-14 = 0/590$

- 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	Prof - HOLLY CRAFTSMAN GR 2ND FL
72333273	2F5	Truss	1	1	Job Reference (optional)

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Sep 05 13:58:24

Page: 1 $ID: 1AB9mKdJUR fsZmOLNR_ZbxyMEx5-YSIK1T4gg7RvEoLIZWjc6FeKZETutUY71oTkQayggYz$ 2-6-0 0-1-8 0-1-8 1.5x3 II 1.5x3= 1.5x3 = 1.5x3 II 3x4= 4 B1 6 1.5x3 II 3x5 = 1.5x3 II 3x5 =

4-6-4

1-7-12

7-4-12

2-10-8

Scale = 1:32

Plate Offsets (X, Y):	Plate Offsets (X, Y): [2:0-1-8,Edge], [3:0-1-8,Edge], [5:0-2-0,Edge] [8:0-2-0,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	0.37	Vert(LL)	-0.04	7-8	>999	360	MT20	244/190		
TCDL	10.0	Lumber DOL	1.00	BC	0.28	Vert(CT)	-0.05	7-8	>999	240				
BCLL	0.0	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.01	5	n/a	n/a				
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 37 lb	FT = 20%F, 11%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

2-10-8

2-10-8

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 5=309/ Mechanical, (min. 0-1-8), 8=309/0-5-8, (min. 0-1-8)

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

TOP CHORD 2-3=-547/0

BOT CHORD 7-8=0/547, 6-7=0/547, 5-6=0/547

WEBS 3-5=-581/0, 2-8=-581/0

NOTES

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

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



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





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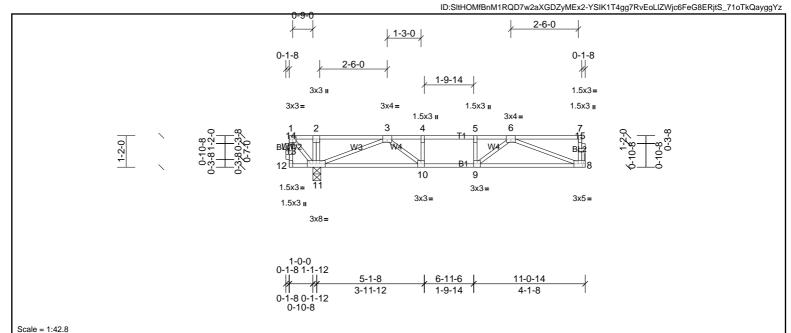


Plate Offsets	(X, Y):	[8:0-2-0	Edge1

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	I/defI	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.59	Vert(LL)	-0.07	8-9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.42	Vert(CT)	-0.11	8-9	>999	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.26	Horz(CT)	0.01	8	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 57 lb	FT = 20%F, 11%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, Except: 6-0-0 oc bracing: 10-11. 2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 8=370/ Mechanical, (min. 0-1-8), 11=1072/0-3-8, (min. 0-1-8)

Max Grav 8=410 (LC 4), 11=1072 (LC 1)

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

1-2=0/490, 2-3=0/495, 3-4=-915/0, 4-5=-915/0, 5-6=-915/0

BOT CHORD 10-11=-164/701, 9-10=0/915, 8-9=0/784

WEBS 1-11=-712/0, 3-11=-961/0, 6-8=-838/0, 3-10=0/490, 6-9=-74/283

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/
- 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.

LOAD CASE(S) Standard

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

Uniform Loads (lb/ft)

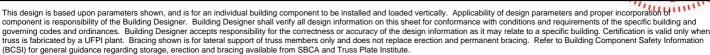
Vert: 8-12=-8. 1-7=-80

Concentrated Loads (lb)

Vert: 1=-500



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





Job	Truss	Truss Type	Qty	Ply	Prof - HOLLY CRAFTSMAN GR 2ND FL
72333273	2F7	Truss	6	1	Job Reference (optional)

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Page: 1 $ID:_6MmJe2u0VBlul8GU?d?2WyMEwX-YSIK1T4gg7RvEoLIZWjc6FeLfESytTI71oTkQayggYz\\$

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

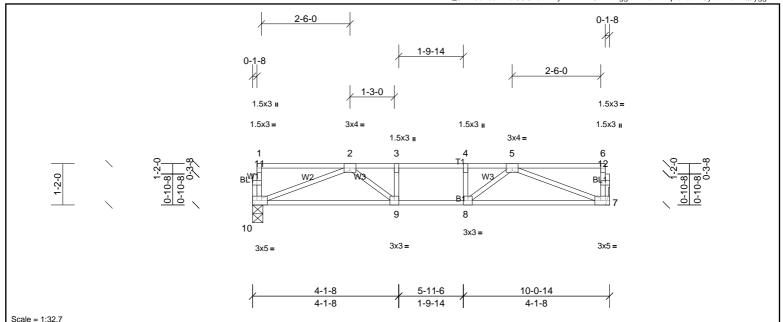


Plate Offsets (X, Y):	[7:0-2-0,Edge], [10:0-2-0,Edge]

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	0.30	Vert(LL)	-0.05	9-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.34	Vert(CT)	-0.08	9-10	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.01	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 50 lb	FT = 20%F, 11%E

LUMBER **BRACING**

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

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

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 7=427/ Mechanical, (min. 0-1-8), 10=427/0-3-8, (min. 0-1-8)

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

TOP CHORD 2-3=-996/0, 3-4=-996/0, 4-5=-996/0 **BOT CHORD** 9-10=0/828, 8-9=0/996, 7-8=0/828 WEBS 5-7=-885/0, 2-10=-885/0, 5-8=0/331, 2-9=0/331

NOTES

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

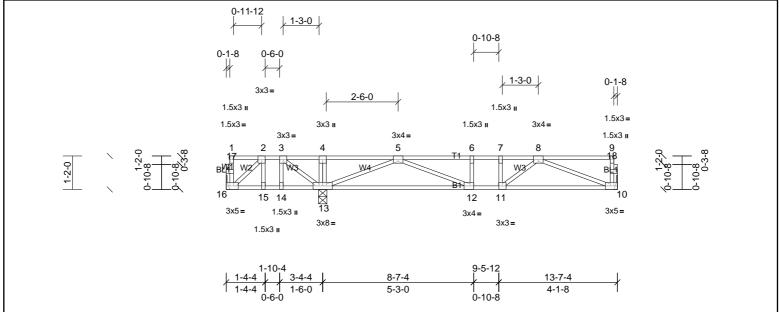
Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.





Job	Truss	Truss Type	Qty	Ply	Prof - HOLLY CRAFTSMAN GR 2ND FL	
72333273	2F8	Truss	3	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631	S. NC 62, Burlington, NC, Micah Cla	yton Run: 8.62 S Se	p 22 2022 Pri	nt: 8.620 S	Sep 22 2022 MiTek Industries, Inc. Tue Sep 05 13:58:24	Page: 1

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Scale = 1:40.3

Plate Offsets (X, Y):	[10:0-2-0,Ed	[10:0-2-0,Edge], [12:0-1-8,Edge], [16:0-2-0,Edge]										
Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	I/defI	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.39	Vert(LL)	-0.04	12-13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.30	Vert(CT)	-0.08	12-13	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.01	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 72 lb	FT = 20%F, 11%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.2(flat) **BOT CHORD**

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

OTHERS 2x4 SP No.3(flat)

REACTIONS 10=385/ Mechanical, (min. 0-1-8), 13=806/0-3-8, (min. 0-1-8), 16=-27/ (lb/size) Mechanical, (min. 0-1-8)

Max Unlift 16=-120 (LC 4)

Max Grav 10=389 (LC 7), 13=806 (LC 1), 16=88 (LC 3)

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

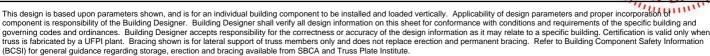
TOP CHORD 3-4=0/478, 4-5=0/484, 5-6=-856/0, 6-7=-856/0, 7-8=-856/0 12-13=0/495, 11-12=0/856, 10-11=0/738

BOT CHORD

WEBS 3-13=-410/0. 2-16=-50/274. 5-13=-1014/0. 8-10=-788/0. 5-12=0/407

- Unbalanced floor live loads have been considered for this design.
- All plates are 1.5x3 MT20 unless otherwise indicated. 2)
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 120 lb uplift at joint 16.
- 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/
- 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 walks at their outer ends or restrained by other means. 5)
- 6) CAUTION, Do not erect truss backwards.

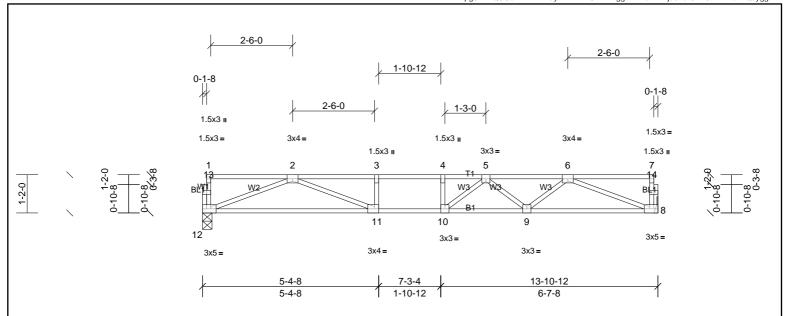






Job	Truss	Truss Type	Qty	Ply	Prof - HOLLY CRAFTSMAN GR 2ND FL	
72333273	2F9	Truss	3	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. I	NC 62, Burlington, NC, Micah Clay	rton Run: 8.62 S Sep	22 2022 Pri	nt: 8.620 S S	Sep 22 2022 MiTek Industries, Inc. Tue Sep 05 13:58:24	Page: 1

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Tue Sep 05 13:58:24 ID: WBKpg6FxEQCUolMKPMwliuyMEwH-YSIK1T4gg7RvEoLIZWjc6FeIOEL5tRF71oTkQayggYz



Scale = 1:35.3

Plate Offsets (X, Y):	sets (X, Y): [8:0-2-0,Edge], [11:0-1-8,Edge], [12:0-2-0,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	0.51	Vert(LL)	-0.16	9-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.78	Vert(CT)	-0.20	9-10	>811	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.03	8	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 67 lb	FT = 20%F, 11%E

LUMBER **BRACING**

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

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

REACTIONS (lb/size) 8=595/ Mechanical, (min. 0-1-8), 12=595/0-3-8, (min. 0-1-8)

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

TOP CHORD 2-3=-1922/0, 3-4=-1922/0, 4-5=-1922/0, 5-6=-1583/0 **BOT CHORD** $11\text{-}12\text{=}0/1252,\, 10\text{-}11\text{=}0/1922,\, 9\text{-}10\text{=}0/1855,\, 8\text{-}9\text{=}0/1262$

WEBS 6-8=-1353/0, 2-12=-1342/0, 6-9=0/418, 2-11=0/769, 5-9=-354/0, 5-10=-107/332

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/
- 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



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

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



Job	Truss	Truss Type	Qty	Ply	Prof - HOLLY CRAFTSMAN GR 2ND FL
72333273	2F10	Truss	3	1	Job Reference (optional)

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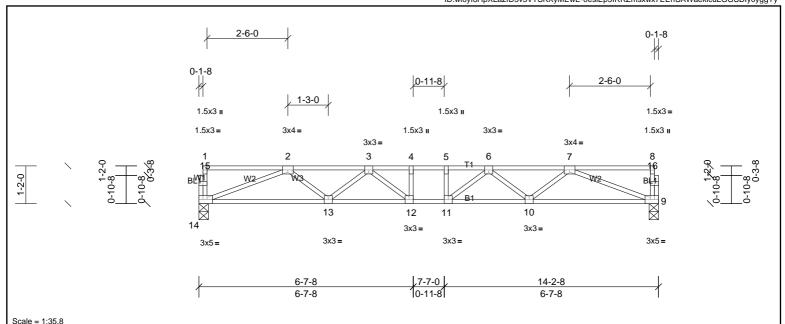


Plate Offsets (X, Y):	[9:0-2-0,Edg	e], [14:0-2-0,Edge]										
Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.29	Vert(LL)	-0.12	12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.56	Vert(CT)	-0.16	11-12	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.38	Horz(CT)	0.04	9	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 71 lb	FT = 20%F, 11%E

LUMBER **BRACING**

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

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

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 9=609/0-3-8, (min. 0-1-8), 14=609/0-3-8, (min. 0-1-8)

FORCES (lb) - Max, Comp./Max, Ten. - All forces 250 (lb) or less except when shown. TOP CHORD $2\text{-}3\text{--}1629/0,\ 3\text{-}4\text{--}2040/0,\ 4\text{-}5\text{--}2040/0,\ 5\text{-}6\text{--}2040/0,\ 6\text{-}7\text{--}1629/0}$ **BOT CHORD** $13\text{-}14\text{=}0/1295,\ 12\text{-}13\text{=}0/1927,\ 11\text{-}12\text{=}0/2040,\ 10\text{-}11\text{=}0/1927,\ 9\text{-}10\text{=}0/1295}$

WEBS $7-9=-1388/0,\ 2-14=-1388/0,\ 7-10=0/435,\ 2-13=0/435,\ 6-10=-388/0,\ 3-13=-388/0,\ 6-11=-69/315,\ 3-12=-69/315$

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.



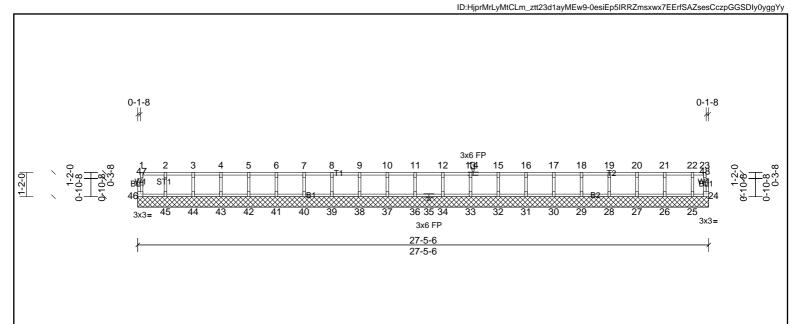
Structural wood sheathing directly applied or 6-0-0 oc purlins, except end



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Scale = 1:55.7

Loading (p	psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40	0.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10	0.0	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)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R	I						Weight: 113 lb	FT = 20%F, 11%E

LUMBER **BRACING** TOP CHORD

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

BOT CHORD

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

verticals

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

REACTIONS All bearings 27-5-6

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 24, 25, 26, 27, 28, 29, 30, 31, 32,

33, 34, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46

FORCES (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) 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.







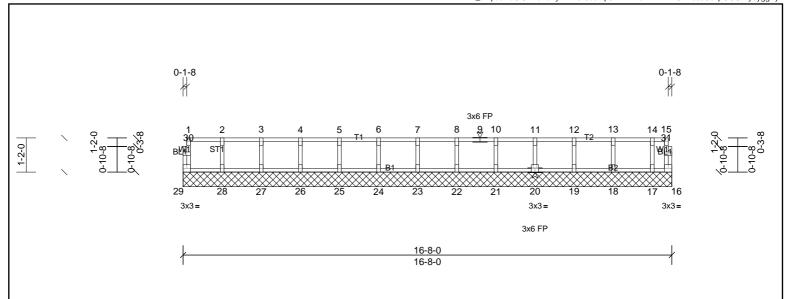
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verticals

Page: 1 $ID: hIVz_tNqfobwdSiSZAcLeDyMEw6-0esiEp5IRRZmsxwx7EErfSAZsesCczpGGSDIy0yggYyntherical Signature (Signature Signature Signatur$

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

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



Scale = 1:39.5

Loading (psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	n/a	-	n/a	n/a		
BCDL 5.0	Code IR	C2015/TPI2014	Matrix-R							Weight: 70 lb	FT = 20%F, 11%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)

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

25, 26, 27, 28, 29

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

NOTES

REACTIONS

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

All bearings 16-8-0

- 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
- 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)



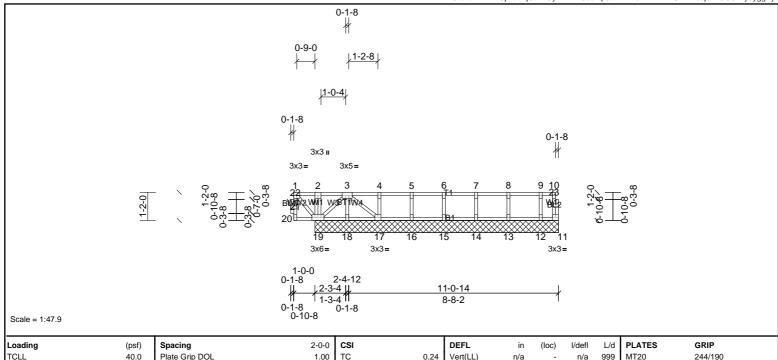


Job Truss Type Prof - HOLLY CRAFTSMAN GR 2ND FL Truss Qty Ply 2KW3 1 72333273 Truss 1 Job Reference (optional)

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton

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0.05

0.16

BOT CHORD

Vert(TL)

Horiz(TL)

n/a

0.00

n/a 999

n/a

6-0-0 oc bracing: 18-19,17-18.

Weight: 55 lb

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

Rigid ceiling directly applied or 10-0-0 oc bracing, Except:

LUMBER **BRACING** TOP CHORD

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

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

10.0

0.0

5.0

Lumber DOL

Code

Rep Stress Incr

REACTIONS All bearings 10-0-14.

(lb) - Max Uplift All uplift 100 (lb) or less at joint(s) 18 except 17=-104 (LC 3) All reactions 250 (lb) or less at joint(s) 11, 12, 13, 14, 15, 16, 17, 18 Max Grav except 19=946 (LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 1-2=0/480, 2-3=0/480

WEBS 1-19=-715/0, 3-19=-404/0

NOTES

TCDL

BCLL

BCDL

OTHERS

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 MT20 unless otherwise indicated.
- 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18 except (jt=lb) 17=103.
- 6) Non Standard bearing condition. Review required.
- 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.

1.00 BC

NO WB

Matrix-SH

IRC2015/TPI2014

9) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

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

Uniform Loads (lb/ft)

Vert: 11-20=-10, 1-10=-100

Concentrated Loads (lb)

Vert: 1=-500



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



FT = 20%F, 11%E

Job	Truss	Truss Type	Qty	Ply	Prof - HOLLY CRAFTSMAN GR 2ND FL	
72333273	2KW4	Truss	1	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Micah Clay	ton Run: 8.62 S Sep	22 2022 Pri	nt: 8.620 S S	Sep 22 2022 MiTek Industries, Inc. Tue Sep 05 13:58:25	Page: 1

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verticals.

0 - 1 - 80 - 1 - 810 13 3x3= 3x3 = 13-11-0 13-11-0

Scale = 1:35.4

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)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 60 lb	FT = 20%F, 11%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)

2x4 SP No.3(flat)

REACTIONS All bearings 13-11-0.

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 13, 14, 15, 16, 17, 18, 19, 20, 21,

22, 23, 24

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

NOTES

OTHERS

- 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.



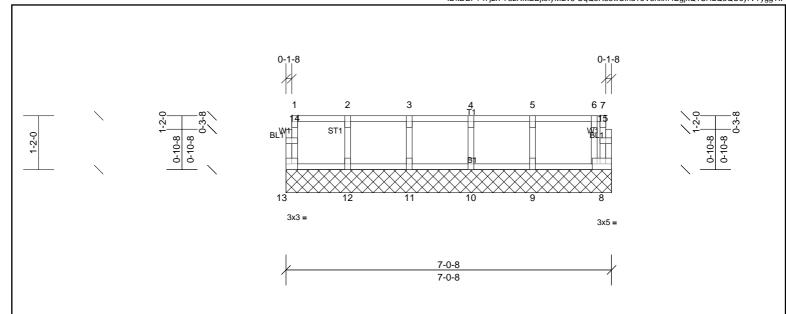
Structural wood sheathing directly applied or 6-0-0 oc purlins, except end

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



Job	Truss	Truss Type	Qty	Ply	Prof - HOLLY CRAFTSMAN GR 2ND FL				
72333273	2KW5	Truss	1	1	Job Reference (optional)				

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Scale = 1:25

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	0.03	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horiz(TL)	n/a	-	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 32 lb	FT = 20%F, 11%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 7-0-8.

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 8, 9, 10, 11, 12, 13

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. 1)
- 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/
- 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