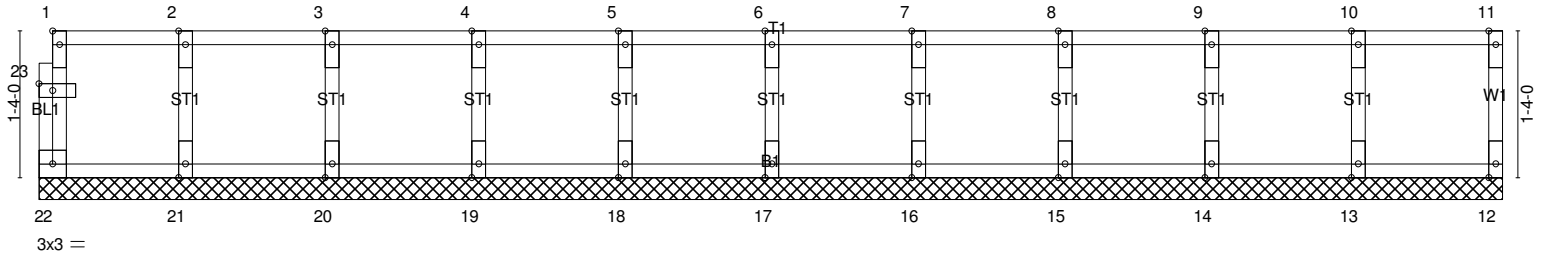


Job 22-1327-A	Truss 2F14KW	Truss Type Floor Supported Gable	Qty 1	Ply 1	WOLVINGTON RES ROOF
Riverside Roof Truss, LLC, Danville, VA. 24541					Job Reference (optional)

Run: 8.500 s May 17 2021 Print: 8.500 s May 17 2021 MiTek Industries, Inc. Mon Mar 21 11:20:35 2022 Page 1
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0₁8

Scale = 1:21.0



13-3-12
13-3-12

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [23:0-1-8,0-0-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0 Plate Grip DOL 1.00	TC 0.08	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.02	Vert(CT)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr YES	WB 0.03	Horz(CT)	0.00	12	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-R						
							Weight: 58 lb	FT = 20%F, 11%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 13-3-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 22, 12, 21, 20, 19, 18, 17, 16, 15, 14, 13

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

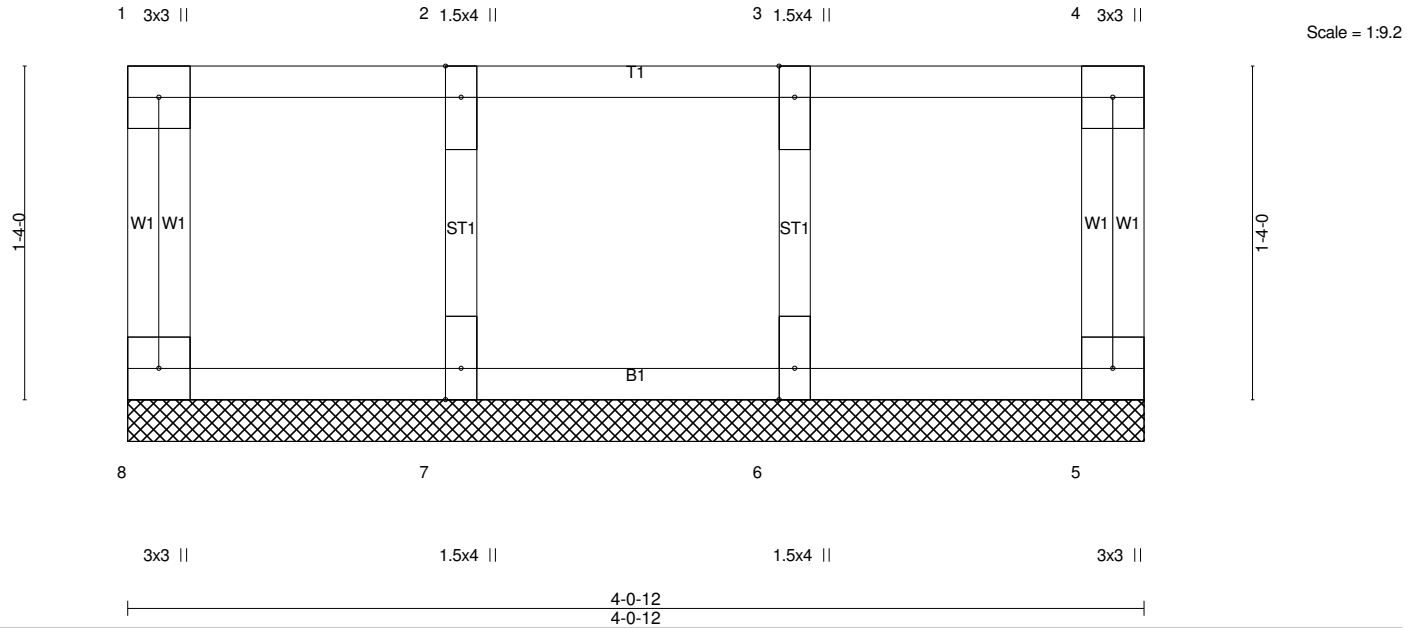
- NOTES-**
- 1) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 2) Gable requires continuous bottom chord bearing.
 - 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - 4) Gable studs spaced at 1-4-0 oc.
 - 5) This truss is designed 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 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 7) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job 22-1327-A	Truss 2F15KW	Truss Type Floor Supported Gable	Qty 1	Ply 1	WOLVINGTON RES ROOF Job Reference (optional)
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Riverside Roof Truss, LLC, Danville, VA. 24541

Run: 8.500 s May 17 2021 Print: 8.500 s May 17 2021 MiTek Industries, Inc. Mon Mar 21 11:20:35 2022 Page 1
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LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.08	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.01	Vert(CT) n/a - n/a 999		
BCLL 0.0	Rep Stress Incr YES	WB 0.03	Horz(CT) 0.00 5 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-R		Weight: 22 lb	FT = 20%F, 11%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 4-0-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 4-0-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 8, 5, 7, 6

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/TPI 1.
 - 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job 22-1327-A	Truss 2F16	Truss Type Floor	Qty 6	Ply 1	WOLVINGTON RES ROOF
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Riverside Roof Truss, LLC, Danville, VA. 24541

Run: 8.500 s May 17 2021 Print: 8.500 s May 17 2021 MiTek Industries, Inc. Mon Mar 21 11:20:36 2022 Page 1
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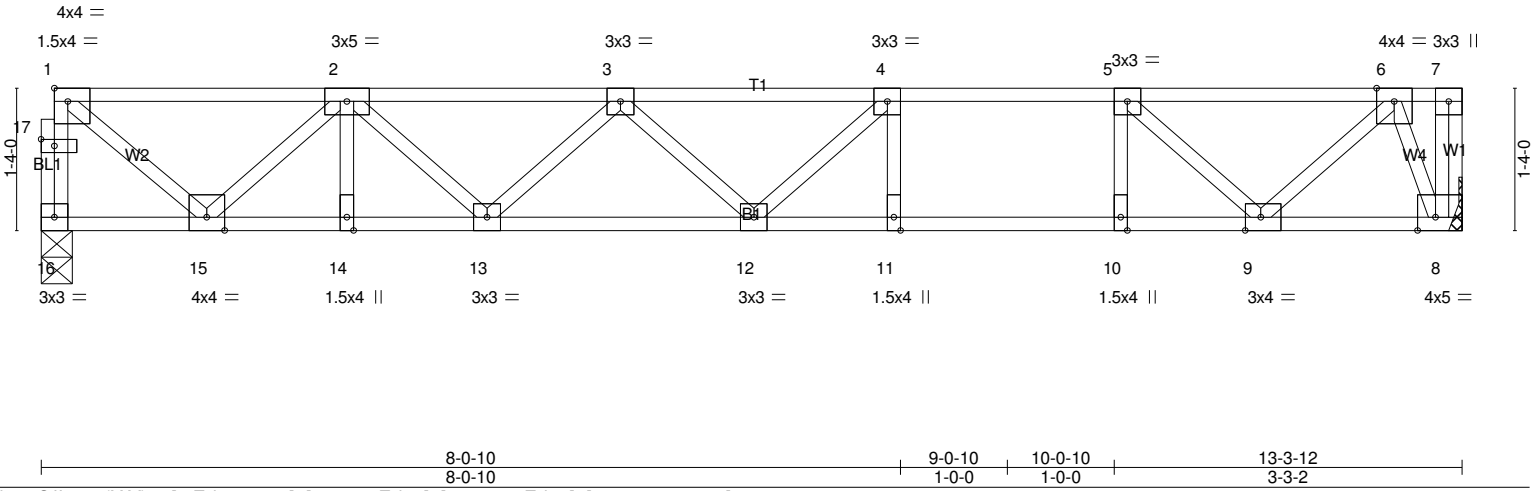


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [8:0-2-0,Edge], [9:0-1-12,Edge], [17:0-1-8,0-0-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.87	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.71	Vert(LL) -0.21 11-12 >743 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.43	Vert(CT) -0.28 11-12 >555 360		
BCDL 5.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.02 8 n/a n/a		
	Code IRC2015/TPI2014			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 verticals.
BOT CHORD 2x4 SP DSS(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3(flat)	

REACTIONS. (lb/size) 16=712/0-3-8 (min. 0-1-8), 8=718/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 16-17=-705/0, 1-17=-704/0, 1-2=-707/0, 2-3=-1641/0, 3-4=-1910/0, 4-5=-1664/0, 5-6=-867/0
 BOT CHORD 14-15=0/1339, 13-14=0/1339, 12-13=0/1935, 11-12=0/1664, 10-11=0/1664, 9-10=0/1664, 8-9=0/287
 WEBS 4-11=-376/0, 5-10=0/413, 4-12=-46/424, 3-13=-409/0, 2-13=0/410, 2-15=-859/0, 1-15=0/896, 5-9=-1083/0, 6-9=0/807, 6-8=-737/0

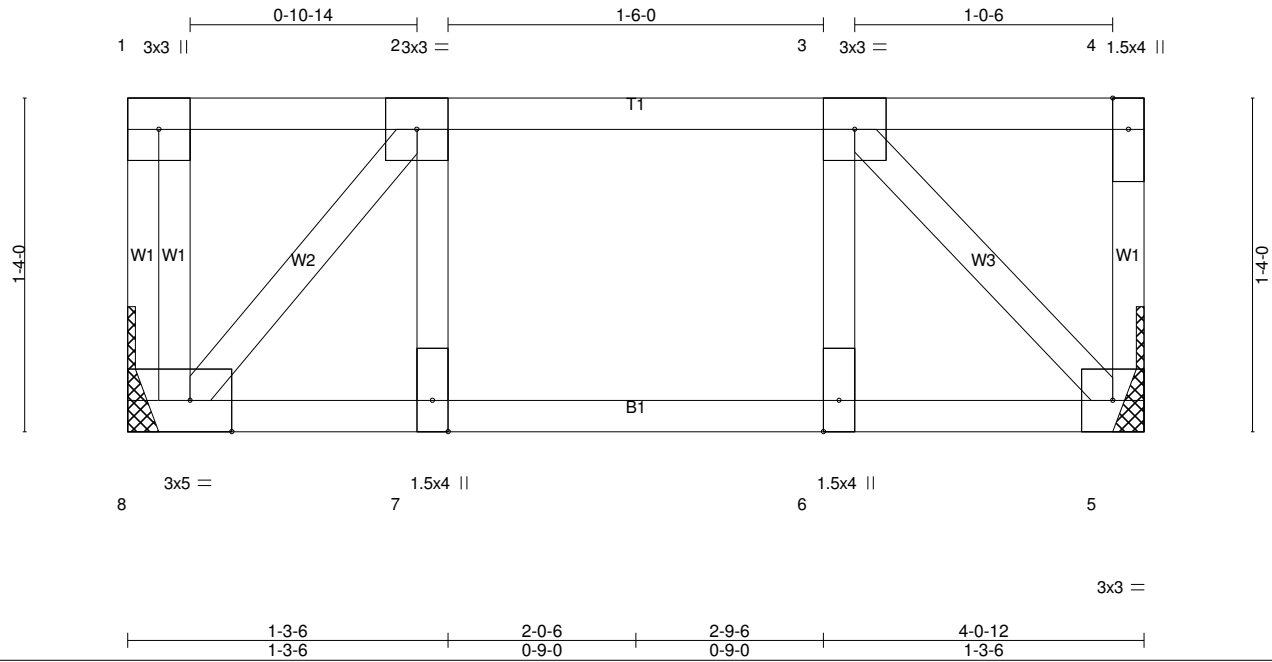
- NOTES-
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) Refer to girder(s) for truss to truss connections.
 - 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOLVINGTON RES ROOF
22-1327-A	2F17	Floor	6	1	Job Reference (optional)

Riverside Roof Truss, LLC, Danville, VA. 24541

Run: 8.500 s May 17 2021 Print: 8.500 s May 17 2021 MiTek Industries, Inc. Mon Mar 21 11:20:37 2022 Page 1
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Scale = 1:9.2

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

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC 0.12	Vert(LL)	-0.00	6	>999	480	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.10	Vert(CT)	-0.00	6	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.05	Horz(CT)	0.00	5	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014		Matrix-S							
									Weight: 24 lb	FT = 20%F, 11%E

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-0-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=213/Mechanical, 5=213/Mechanical

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

NOTES-

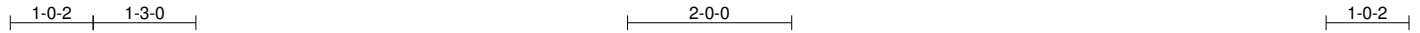
- 1) Unbalanced floor live loads have been considered for this design.
- 2) Refer to girder(s) for truss to truss connections.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOLVINGTON RES ROOF
22-1327-A	2F18	Floor	1	1	Job Reference (optional)

Riverside Roof Truss, LLC, Danville, VA. 24541

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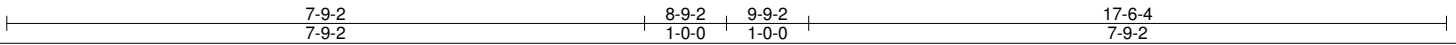
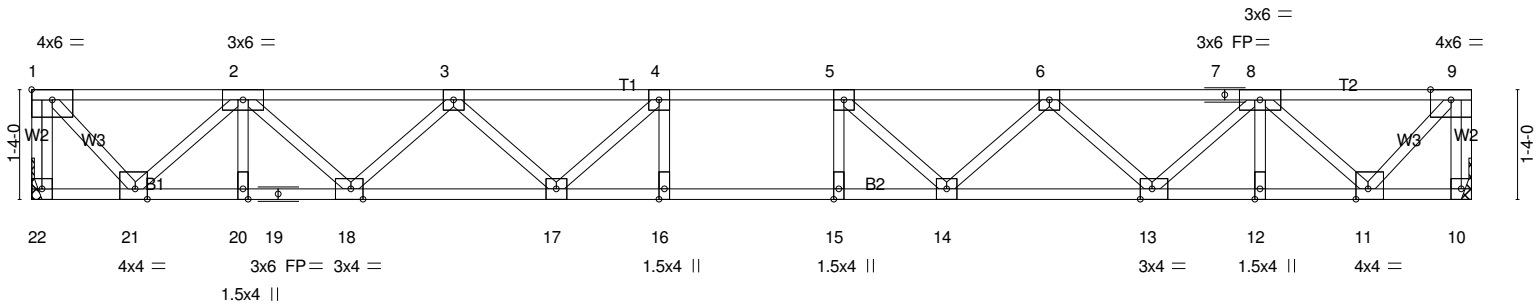


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [11:0-1-12,Edge], [13:0-1-12,Edge], [18:0-1-12,Edge], [21:0-1-12,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.59	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.91	Vert(LL) -0.21 15-16 >981 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.55	Vert(CT) -0.29 15-16 >710 360		
BCDL 5.0	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.06 10 n/a n/a		
	Code IRC2015/TPI2014			Weight: 94 lb	FT = 20%F, 11%E

LUMBER-
 TOP CHORD 2x4 SP No.2(flat)
 BOT CHORD 2x4 SP No.2(flat) *Except*
 B2: 2x4 SP No.1(flat)
 WEBS 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) 22=950/Mechanical, 10=950/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-22=-944/0, 9-10=-944/0, 1-2=-795/0, 2-3=-2288/0, 3-4=-3102/0, 4-5=-3370/0, 5-6=-3102/0, 6-7=-2288/0, 7-8=-2288/0, 8-9=-795/0
 BOT CHORD 20-21=0/1698, 19-20=0/1698, 18-19=0/1698, 17-18=0/2828, 16-17=0/3370, 15-16=0/3370, 14-15=0/3370, 13-14=0/2828, 12-13=0/1698, 11-12=0/1698
 WEBS 4-17=-592/0, 3-17=0/466, 3-18=-750/0, 2-18=0/803, 2-21=-1227/0, 1-21=0/1161, 5-14=-592/0, 6-14=0/466, 6-13=-750/0, 8-13=0/803, 8-11=-1227/0, 9-11=0/1161

NOTES-
 1) Unbalanced floor live loads have been considered for this design.
 2) All plates are 3x3 MT20 unless otherwise indicated.
 3) Refer to girder(s) for truss to truss connections.
 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 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOLVINGTON RES ROOF
22-1327-A	2F19	Floor	1	1	Job Reference (optional)

Riverside Roof Truss, LLC, Danville, VA. 24541

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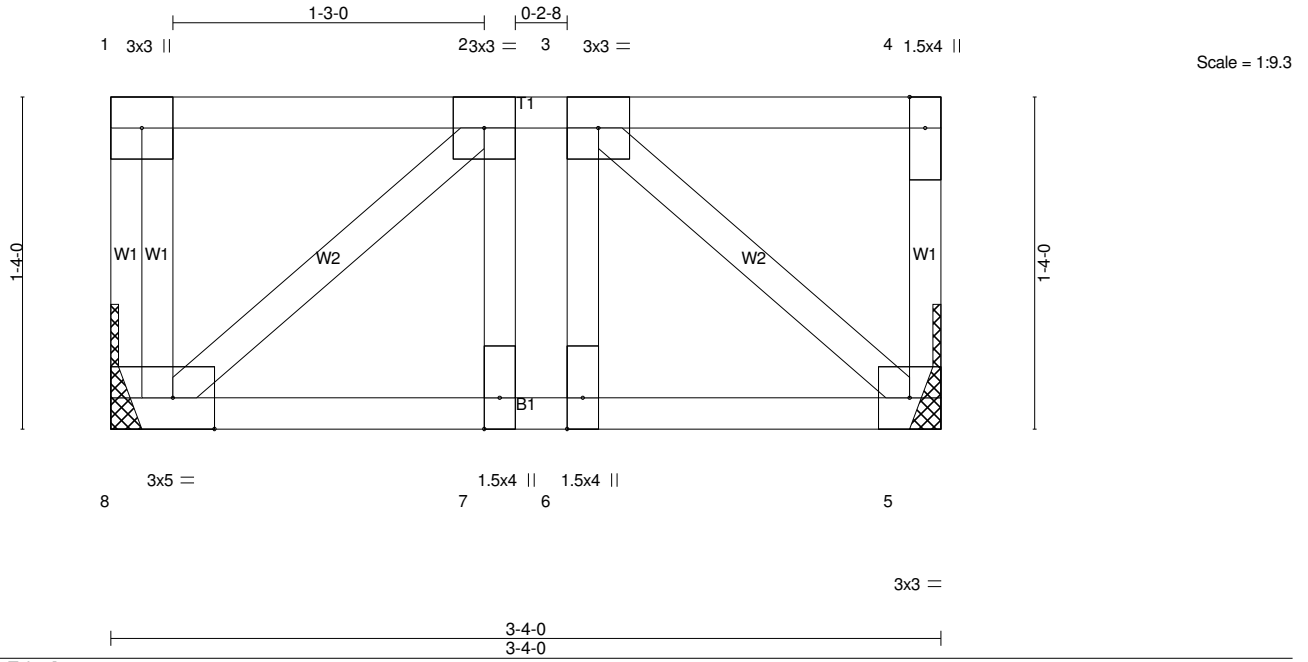


Plate Offsets (X,Y)-- [8:0-2-0,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.12	Vert(LL)	-0.00	7	>999	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.06	Vert(CT)	-0.00	7	>999		
BCLL 0.0	Lumber DOL 1.00	WB 0.04	Horz(CT)	0.00	5	n/a		
BCDL 5.0	Rep Stress Incr YES	Matrix-S						
	Code IRC2015/TPI2014						Weight: 23 lb	FT = 20%F, 11%E

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

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 3-4-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=173/Mechanical, 5=173/Mechanical

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

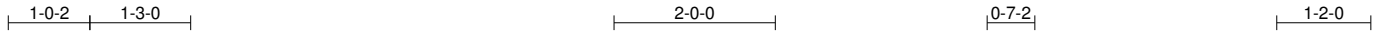
- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) Refer to girder(s) for truss to truss connections.
 - 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOLVINGTON RES ROOF
22-1327-A	2F20AGR	FLOOR GIRDER	1	1	Job Reference (optional)

Riverside Roof Truss, LLC, Danville, VA. 24541

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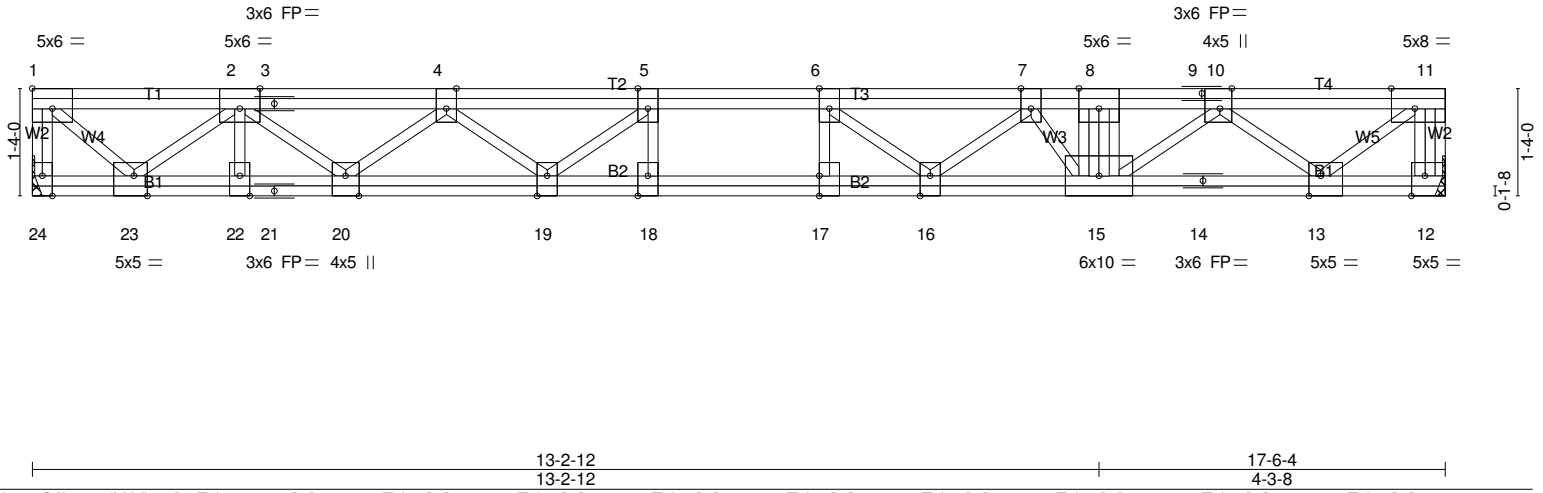


Plate Offsets (X,Y)-- [1:Edge,0-3-0], [2:0-3-0,Edge], [4:0-3-0,Edge], [5:0-3-0,Edge], [6:0-3-0,Edge], [7:0-3-0,Edge], [8:0-3-0,Edge], [10:0-3-0,Edge], [11:0-3-8,Edge], [12:0-2-0,Edge], [13:0-1-12,Edge], [16:0-3-0,Edge], [17:0-3-0,0-0-0], [18:0-3-0,Edge], [19:0-3-0,Edge], [20:0-3-0,Edge], [22:0-3-0,Edge], [23:0-2-0,Edge], [24:0-3-0,Edge]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 40.0	Plate Grip DOL	1.00	TC 0.11	Vert(LL)	-0.11	17-18	>999	480	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.23	Vert(CT)	-0.15	17-18	>999	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.63	Horz(CT)	0.03	12	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014		Matrix-S							
									Weight: 145 lb	FT = 20%F, 11%E

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

REACTIONS. (lb/size) 24=946/Mechanical, 12=946/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-24=-938/0, 11-12=-936/0, 1-2=-876/0, 2-3=-2519/0, 3-4=-2519/0, 4-5=-3412/0, 5-6=-3699/0, 6-7=-3396/0, 7-8=-2681/0, 8-9=-2681/0, 9-10=-2681/0, 10-11=-1031/0
 BOT CHORD 22-23=0/1863, 21-22=0/1863, 20-21=0/1863, 19-20=0/3113, 18-19=0/3699, 17-18=0/3699, 16-17=0/3699, 15-16=0/3084, 14-15=0/1959, 13-14=0/1959
 WEBS 5-19=-603/0, 4-19=0/493, 4-20=-787/0, 2-20=0/850, 2-23=-1280/0, 1-23=0/1210, 6-16=-622/0, 7-16=0/502, 7-15=-648/0, 10-15=0/894, 10-13=-1228/0, 11-13=0/1321

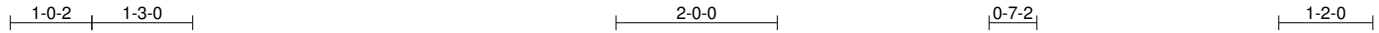
- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 3x5 MT20 unless otherwise indicated.
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOLVINGTON RES ROOF
22-1327-A	2F20BGR	FLOOR GIRDER	1	1	Job Reference (optional)

Riverside Roof Truss, LLC, Danville, VA. 24541

Run: 8.500 s May 17 2021 Print: 8.500 s May 17 2021 MiTek Industries, Inc. Mon Mar 21 11:20:41 2022 Page 1
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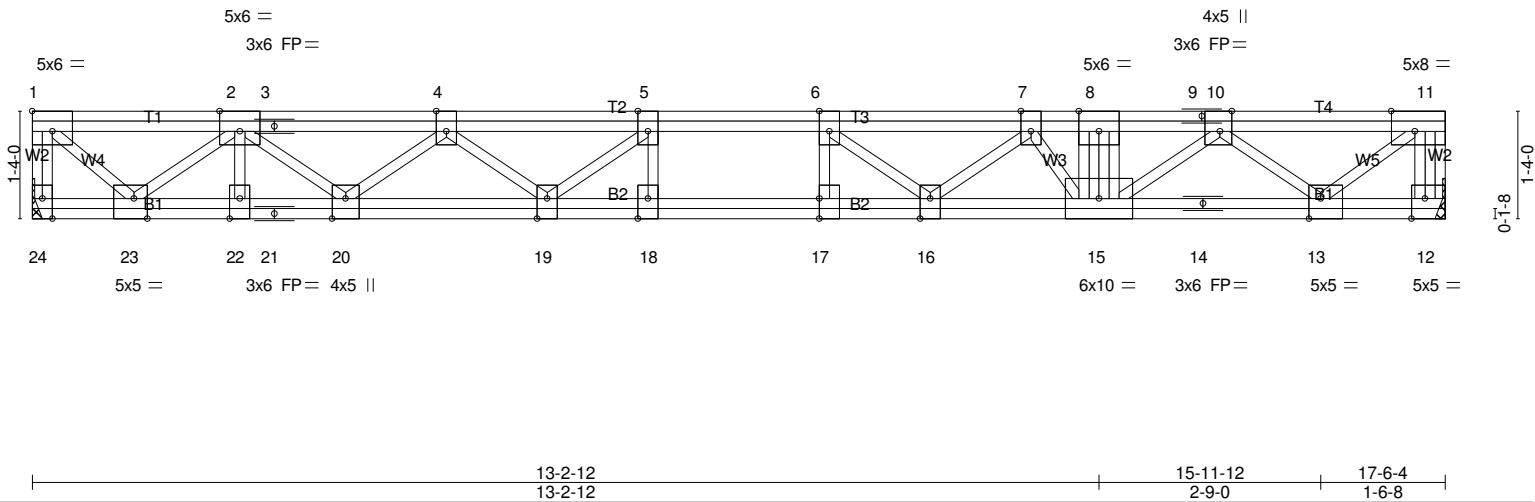


Plate Offsets (X,Y)-- [1:Edge,0-3-0], [2:0-3-0,Edge], [4:0-3-0,Edge], [5:0-3-0,Edge], [6:0-3-0,Edge], [7:0-3-0,Edge], [8:0-3-0,Edge], [10:0-3-0,Edge], [11:0-3-8,Edge], [12:0-2-0,Edge], [13:0-1-12,Edge], [16:0-3-0,Edge], [17:0-3-0,0-0-0], [18:0-3-0,Edge], [19:0-3-0,Edge], [20:0-3-0,Edge], [22:0-3-0,Edge], [23:0-2-0,Edge], [24:0-3-0,Edge]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 40.0	Plate Grip DOL	1.00	TC 0.11	Vert(LL)	-0.11	17-18	>999	480	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.23	Vert(CT)	-0.15	17-18	>999	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.63	Horz(CT)	0.03	12	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014		Matrix-S							
									Weight: 145 lb	FT = 20%F, 11%E

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

REACTIONS. (lb/size) 24=946/Mechanical, 12=946/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-24=-938/0, 11-12=-936/0, 1-2=-876/0, 2-3=-2519/0, 3-4=-2519/0, 4-5=-3412/0, 5-6=-3699/0, 6-7=-3396/0, 7-8=-2681/0, 8-9=-2681/0, 9-10=-2681/0, 10-11=-1031/0
 BOT CHORD 22-23=0/1863, 21-22=0/1863, 20-21=0/1863, 19-20=0/3113, 18-19=0/3699, 17-18=0/3699, 16-17=0/3699, 15-16=0/3084, 14-15=0/1959, 13-14=0/1959
 WEBS 5-19=-603/0, 4-19=0/493, 4-20=-787/0, 2-20=0/850, 2-23=-1280/0, 1-23=0/1210, 6-16=-622/0, 7-16=0/502, 7-15=-648/0, 10-15=0/894, 10-13=-1228/0, 11-13=0/1321

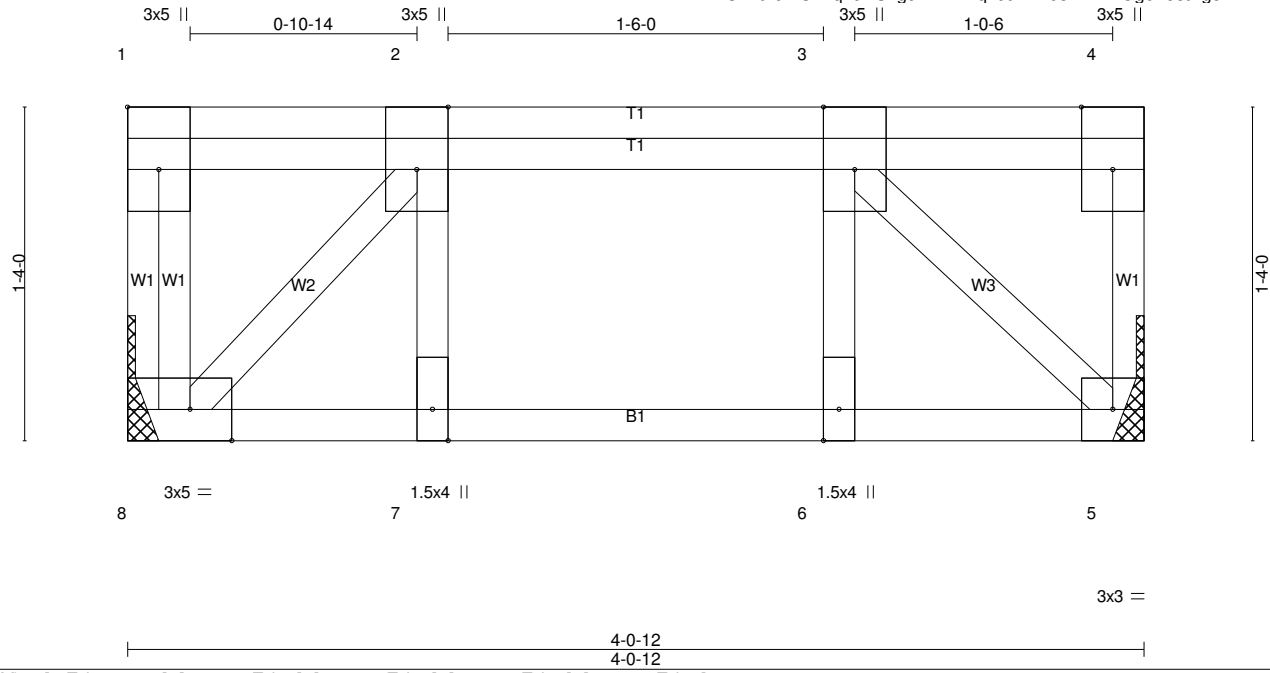
- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 3x5 MT20 unless otherwise indicated.
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WOLVINGTON RES ROOF
22-1327-A	2F21GR	FLOOR GIRDER	1	1	Job Reference (optional)

Riverside Roof Truss, LLC, Danville, VA. 24541

Run: 8.500 s May 17 2021 Print: 8.500 s May 17 2021 MiTek Industries, Inc. Mon Mar 21 11:20:42 2022 Page 1
ID:BBs2A9r0ZfUzPq7dRS7gc?zY1?Y-qzb9EriEd3AKh4xGg6Fo8tEgc?rvkWeJrm1G?nzYkop



Scale = 1:9.2

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.05	Vert(LL)	-0.00	6	>999	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.06	Vert(CT)	-0.00	6	>999		
BCLL 0.0	Lumber DOL 1.00	WB 0.05	Horz(CT)	0.00	5	n/a		
BCDL 5.0	Rep Stress Incr NO	Matrix-S						
	Code IRC2015/TPI2014						Weight: 29 lb	FT = 20%F, 11%E

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

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 4-0-12 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=213/Mechanical, 5=213/Mechanical

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) 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 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard