ENGINEERING BY
TRENCO
A MiTek Affiliate

Trenco
818 Soundside Rd
Edenton, NC 27932

Re: 22-0799-A
GARY ROBINSON-SUMMIT-LOT#1 FLOOR

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Riverside Roof Truss.

Pages or sheets covered by this seal: I50154814 thru I50154826

My license renewal date for the state of North Carolina is December 31, 2022.

North Carolina COA: C-0844

February 10,2022

Sevier, Scott

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F01	FLOOR GIRDER	1	2	I50154814

Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:52 2022 Page 1
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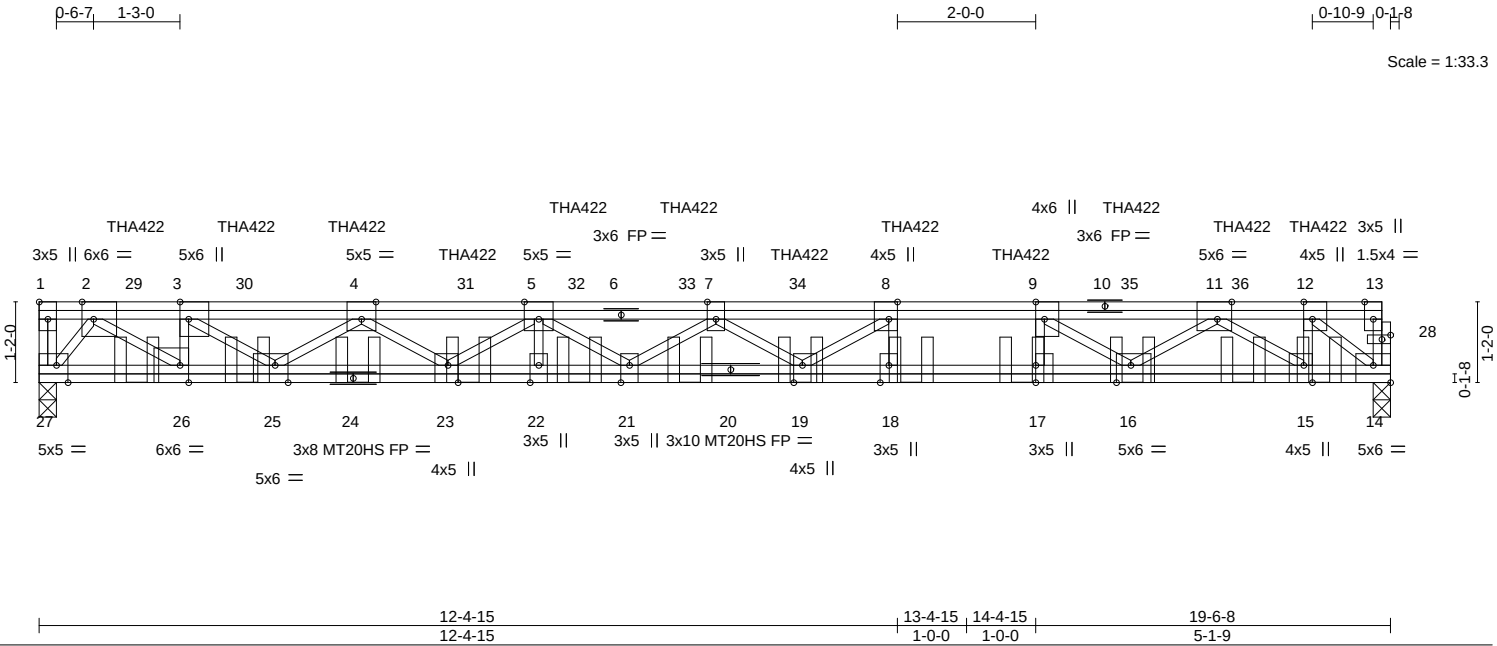

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [2:0-2-0,Edge], [3:0-3-0,Edge], [4:0-2-8,Edge], [5:0-2-8,Edge], [7:0-3-0,Edge], [8:0-3-0,Edge], [9:0-3-0,Edge], [11:0-2-8,Edge], [12:0-3-0,Edge], [13:0-3-0,Edge], [14:Edge,0-3-0], [15:0-3-0,Edge], [16:0-2-8,Edge], [17:0-3-0,0-0-0], [18:0-3-0,Edge], [19:0-3-0,Edge], [21:0-3-0,Edge], [22:0-3-0,Edge], [23:0-3-0,Edge], [25:0-2-4,Edge], [26:0-1-8,Edge], [27:0-2-0,Edge], [28:0-1-8,0-0-12]

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	0.35	Vert(LL)	-0.32	19	>715	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.63	Vert(CT)	-0.45	19	>513	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	NO	WB	0.96	Horz(CT)	0.05	14	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 306 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP DSS(flat)
BOT CHORD 2x4 SP DSS(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. (size) 27=0-3-0, 14=0-3-0
Max Grav 27=2603(LC 1), 14=2764(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5220/0, 3-4=-7769/0, 4-5=-11663/0, 5-7=-13692/0, 7-8=-13560/0, 8-9=-11916/0, 9-11=-8503/0, 11-12=-3054/0
BOT CHORD 26-27=0/1920, 25-26=0/5220, 23-25=0/10228, 22-23=0/13117, 21-22=0/13117, 19-21=0/14310, 18-19=0/11916, 17-18=0/11916, 16-17=0/11916, 15-16=0/6009, 14-15=0/3077
WEBS 8-18=-1129/0, 9-17=0/1131, 8-19=0/2066, 7-19=-964/0, 7-21=-766/0, 5-21=0/701, 5-23=-1773/0, 4-23=0/1780, 4-25=-3049/0, 3-25=0/3110, 3-26=-2267/0, 2-26=0/4024, 2-27=-3282/0, 9-16=-4162/0, 11-16=0/3093, 11-15=-3605/0, 12-15=0/1766, 12-14=-3887/0

NOTES-
1) Fasten trusses together to act as a single unit as per standard industry detail, or loads are to be evenly applied to all plies.
2) Unbalanced floor live loads have been considered for this design.
3) All plates are MT20 plates unless otherwise indicated.
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.
6) Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent spaced at 1-7-3 oc max. starting at 1-4-15 from the left end to 18-6-2 to connect truss(es) to back face of top chord.
7) Fill all nail holes where hanger is in contact with lumber.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-8, 1-13=-80

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Continued on page 2

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 8=-306(B) 9=-306(B) 4=-306(B) 12=-306(B) 29=-306(B) 30=-306(B) 31=-306(B) 32=-306(B) 33=-306(B) 34=-306(B) 35=-306(B) 36=-306(B)

Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F02	GABLE	1	1	I50154815
					Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:53 2022 Page 1
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0-1-8 0-1-8

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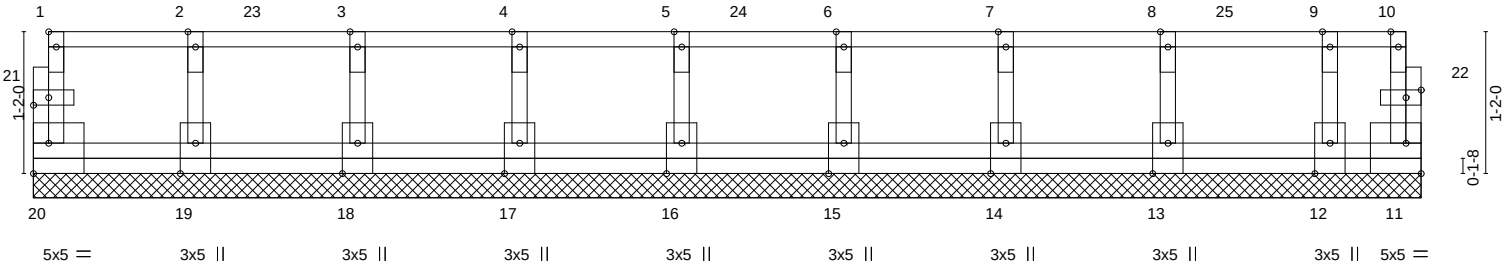

1-4-0	2-8-0	4-0-0	5-4-0	6-8-0	8-0-0	9-4-0	10-8-0	11-5-0
1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	0-9-0

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [11:Edge,0-3-0], [12:0-3-0,Edge], [13:0-3-0,Edge], [14:0-3-0,Edge], [15:0-3-0,Edge], [16:0-3-0,Edge], [17:0-3-0,Edge], [18:0-3-0,Edge], [19:0-3-0,Edge], [20:Edge,0-3-0], [21:0-1-8,0-0-12], [22:0-1-8,0-0-12]

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	0.19	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	NO	WB	0.05	Horz(CT)	0.00	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 64 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 11-5-0.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) 11
Max Grav All reactions 250 lb or less at joint(s) 20, 19, 18, 17, 16, 15, 14, 13, 12

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11.
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) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 11-20=-10, 1-10=-100
Concentrated Loads (lb)
Vert: 4=-95(F) 7=-95(F) 23=-95(F) 24=-95(F) 25=-95(F)

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Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F03	Floor Girder	1	1	I50154816
					Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:54 2022 Page 1
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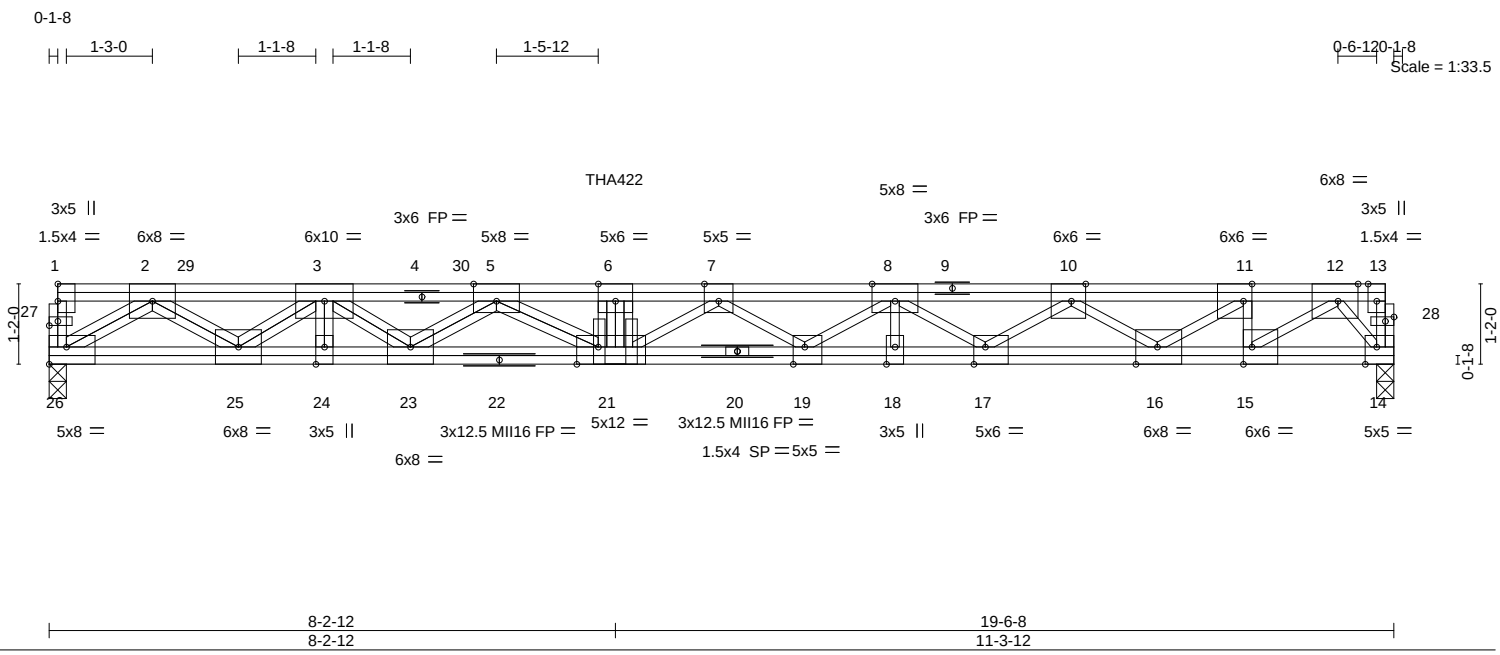

Plate Offsets (X,Y)-- [5:0-4-0,Edge], [6:0-3-0,Edge], [7:0-2-8,Edge], [8:0-4-0,Edge], [10:0-2-8,Edge], [11:0-1-8,Edge], [12:0-3-8,Edge], [13:0-3-0,Edge], [14:0-2-0,Edge], [15:0-1-8,Edge], [16:0-3-12,Edge], [17:0-2-0,Edge], [18:0-3-0,Edge], [19:0-2-0,Edge], [21:0-3-12,Edge], [24:0-3-0,Edge], [26:Edge,0-3-0], [27:0-1-8,0-0-12], [28:0-1-8,0-0-12]

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	0.43	Vert(LL)	-0.38	19-21	>602	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.66	Vert(CT)	-0.58	19-21	>395	360	MII16	174/126
BCLL	0.0	Rep Stress Incr	NO	WB	0.63	Horz(CT)	0.07	14	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-S							Weight: 171 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP DSS(flat)
BOT CHORD 2x4 SP DSS(flat)
WEBS 2x4 SP No.3(flat) *Except* 2-26,2-25,5-23,7-21,7-19,8-19,8-17,10-17,10-16,11-16,12-15: 2x4 SP No.2(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 26=0-3-0, 14=0-3-0
Max Grav 26=1855(LC 1), 14=1488(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4804/0, 3-5=-8595/0, 5-6=-11787/0, 6-7=-11917/0, 7-8=-10066/0, 8-10=-7617/0, 10-11=-4652/0, 11-12=-2955/0
BOT CHORD 25-26=0/2702, 24-25=0/6904, 23-24=0/6904, 21-23=0/10221, 19-21=0/11053, 18-19=0/8969, 17-18=0/8969, 16-17=0/6283, 15-16=0/2955, 14-15=0/1132
WEBS 6-21=-1402/0, 2-26=-3244/0, 2-25=0/2614, 3-25=-2597/0, 3-23=0/2090, 5-23=-2012/0, 5-21=0/1798, 7-21=0/998, 7-19=-1224/0, 8-19=0/1338, 8-17=-1649/0, 10-17=0/1654, 10-16=-2023/0, 11-16=0/2069, 11-15=-1311/0, 12-15=0/2227, 12-14=-1822/0

NOTES-
1) All plates are MT20 plates unless otherwise indicated.
2) The Fabrication Tolerance at joint 20 = 11%
3) 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.
4) CAUTION, Do not erect truss backwards.
5) Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent at 8-2-12 from the left end to connect truss(es) to back face of top chord, skewed 0.0 deg.to the right, sloping 0.0 deg. down.
6) Fill all nail holes where hanger is in contact with lumber.
7) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-26=-8, 1-13=-80
Concentrated Loads (lb)
Vert: 6=-1401(F=-85, B=-1316) 3=-85(F) 29=-85(F) 30=-85(F)

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Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F04	Floor	5	1	I50154817
					Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:54 2022 Page 1
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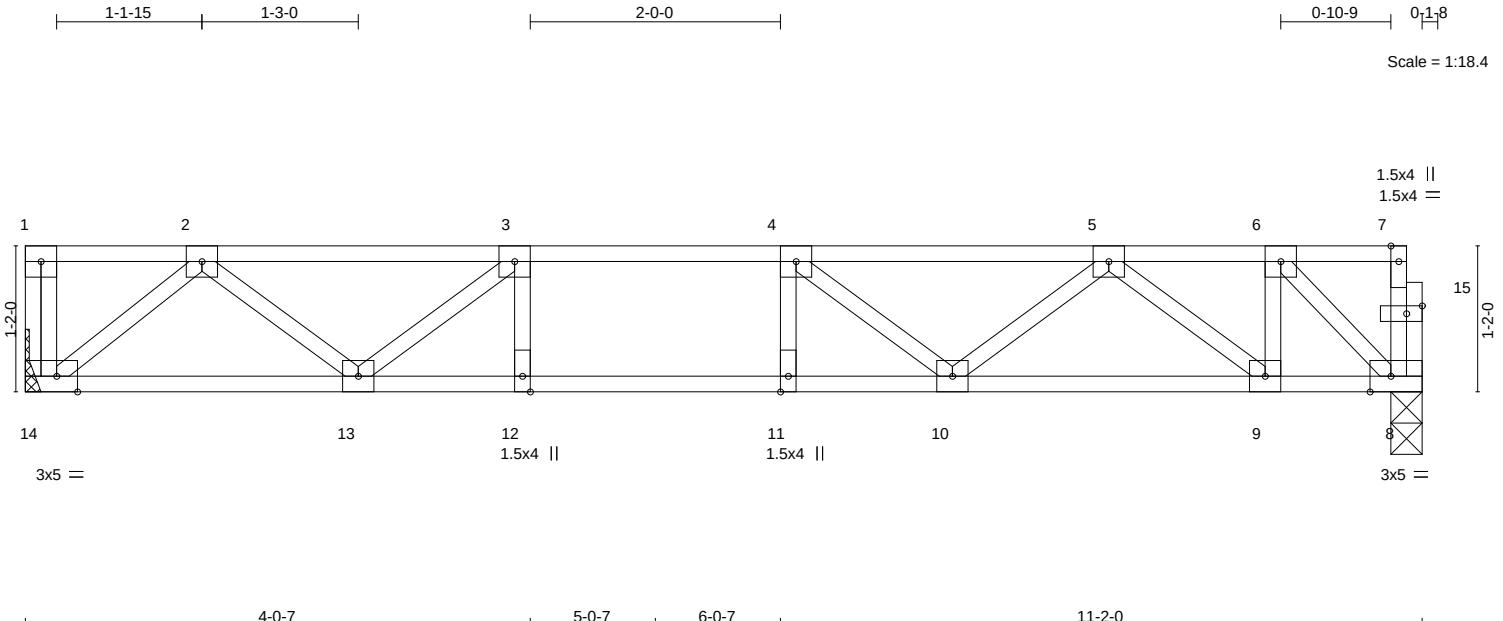

Plate Offsets (X,Y)-- [8:0-2-0,Edge], [14:0-2-0,Edge], [15:0-1-8,0-0-12]

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	0.39	Vert(LL)	-0.08	10-11	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.68	Vert(CT)	-0.11	10-11	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.02	8	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-S							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)

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. (size) 14=Mechanical, 8=0-3-0
Max Grav 14=480(LC 1), 8=475(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-872/0, 3-4=-1229/0, 4-5=-1086/0, 5-6=-445/0
BOT CHORD 13-14=0/542, 12-13=0/1229, 11-12=0/1229, 10-11=0/1229, 9-10=0/893, 8-9=0/445
WEBS 3-13=-471/0, 2-13=0/429, 2-14=-698/0, 4-10=-280/0, 5-10=0/263, 5-9=-572/0, 6-9=0/367, 6-8=-619/0

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) 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.

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Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F05	Floor	4	1	I50154818
					Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:55 2022 Page 1
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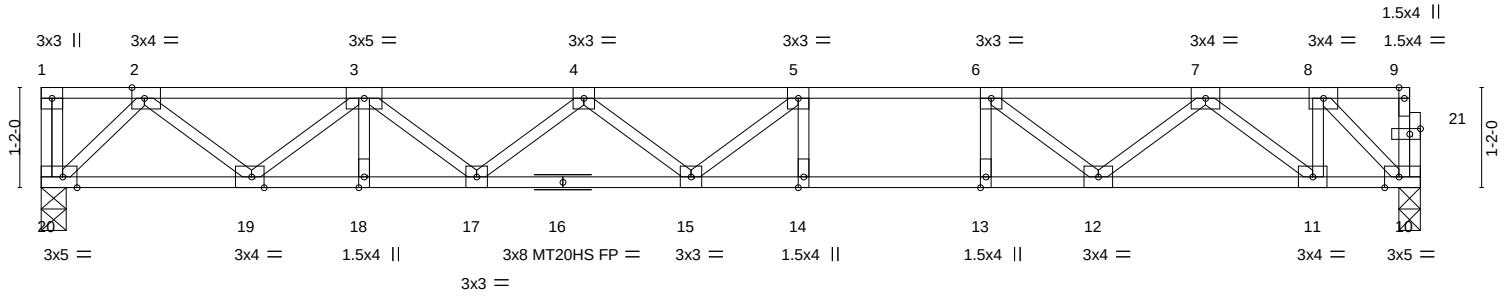
0-11-7 1-3-0 2-0-0 0-10-9 0-1-8

Scale = 1:26.9



8-11-7 9-11-7 10-11-7 16-1-0
8-11-7 1-0-0 1-0-0 5-1-9

Plate Offsets (X,Y)-- [2:0-1-12,Edge], [10:0-2-0,Edge], [19:0-1-12,Edge], [20:0-2-0,Edge], [21:0-1-8,0-0-12]

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	0.66	Vert(LL)	-0.23	14-15	>822	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.70	Vert(CT)	-0.32	14-15	>601	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.04	10	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-S							Weight: 83 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat) *Except*
10-16: 2x4 SP DSS(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. (size) 20=0-3-8, 10=0-3-0
Max Grav 20=697(LC 1), 10=692(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1299/0, 3-4=-2249/0, 4-5=-2602/0, 5-6=-2471/0, 6-7=-1835/0, 7-8=-682/0
BOT CHORD 19-20=0/699, 18-19=0/1905, 17-18=0/1905, 15-17=0/2573, 14-15=0/2471, 13-14=0/2471, 12-13=0/2471, 11-12=0/1349, 10-11=0/682
WEBS 5-14=-279/13, 6-13=0/305, 5-15=-175/323, 4-17=-421/0, 3-17=0/439, 3-19=-774/0, 2-19=0/781, 2-20=-972/0, 6-12=-847/0, 7-12=0/632, 7-11=-851/0, 8-11=0/564, 8-10=-951/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) 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.
4) CAUTION, Do not erect truss backwards.

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Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F06	Floor	2	1	I50154819
					Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:56 2022 Page 1
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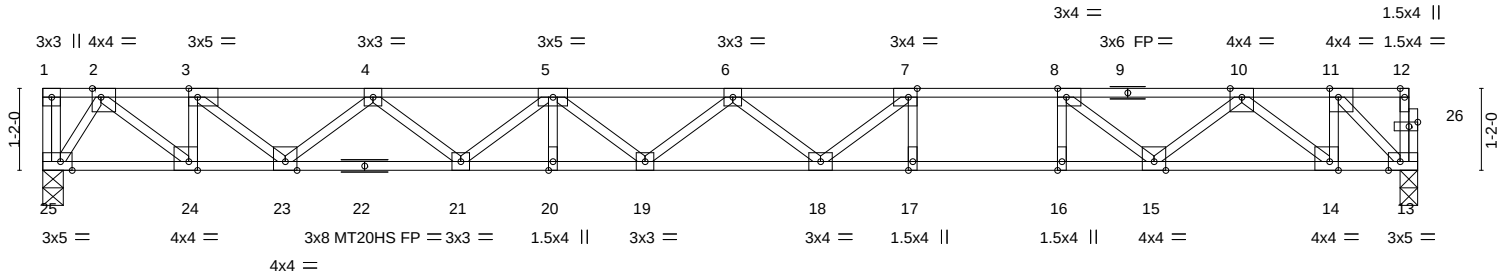

12-5-7 13-5-7 14-5-7 19-7-0
12-5-7 1-0-0 1-0-0 5-1-9

Plate Offsets (X,Y)-- [2:0-1-8,Edge], [3:0-1-8,Edge], [7:0-1-8,Edge], [8:0-1-8,Edge], [11:0-1-8,Edge], [13:0-2-0,Edge], [14:0-1-8,Edge], [24:0-1-8,Edge], [25:0-2-0,Edge], [26:0-1-8,0-0-12]

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	0.61	Vert(LL)	-0.41	17-18	>563	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.90	Vert(CT)	-0.57	17-18	>410	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.06	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 101 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat) *Except* 1-9: 2x4 SP DSS(flat)
BOT CHORD 2x4 SP No.2(flat) *Except* 13-22: 2x4 SP DSS(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. (size) 25=0-3-8, 13=0-3-0
Max Grav 25=851(LC 1), 13=846(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1499/0, 3-4=-2217/0, 4-5=-3287/0, 5-6=-3850/0, 6-7=-3825/0, 7-8=-3353/0, 8-10=-2379/0, 10-11=-851/0
BOT CHORD 24-25=0/554, 23-24=0/1499, 21-23=0/2883, 20-21=0/3692, 19-20=0/3692, 18-19=0/4015, 17-18=0/3353, 16-17=0/3353, 15-16=0/3353, 14-15=0/1672, 13-14=0/851
WEBS 7-17=-419/0, 8-16=0/443, 7-18=-3/730, 6-18=-319/86, 5-21=-517/0, 4-21=0/526, 4-23=-867/0, 3-23=0/917, 3-24=-735/0, 2-24=0/1206, 2-25=-990/0, 8-15=-1249/0, 10-15=0/921, 10-14=-1048/0, 11-14=0/699, 11-13=-1186/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) 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.
4) CAUTION, Do not erect truss backwards.

February 10,2022

ENGINEERING BY TRENCO A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F07	Floor Girder	1	1	I50154820

Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:56 2022 Page 1
ID:wGHO7kGlZJUXqaFdBnCYKlyjubB-xRDpYAeQ_rF3S?M16qQbgx1Mgzktgr27kCRz_zzms_1

1-3-0 0-3-0

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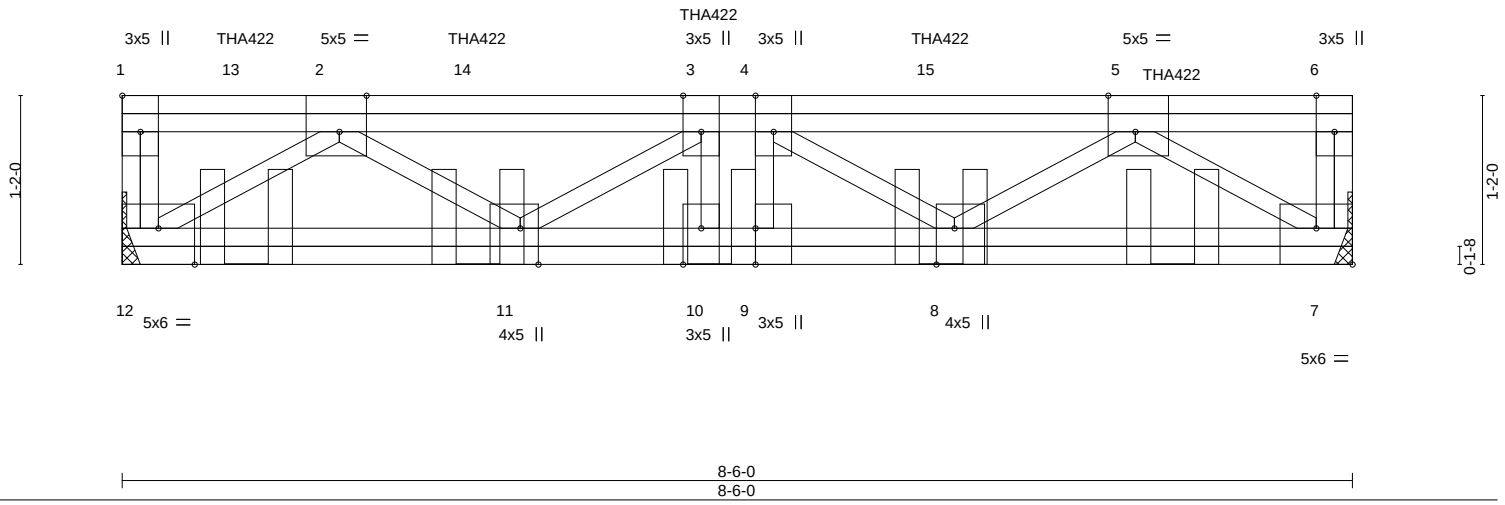

8-6-0
8-6-0

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [2:0-2-4,Edge], [3:0-3-0,Edge], [4:0-3-0,Edge], [5:0-2-4,Edge], [6:0-3-0,Edge], [7:Edge,0-3-0], [8:0-3-0,Edge], [9:0-3-0,0-0-0], [10:0-3-0,Edge], [11:0-3-0,Edge], [12:0-3-0,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	0.56	Vert(LL)	-0.05	10	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.60	Vert(CT)	-0.07	10	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.58	Horz(CT)	0.02	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 69 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 12=Mechanical, 7=Mechanical
Max Grav 12=1516(LC 1), 7=1396(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2778/0, 3-4=-3526/0, 4-5=-2797/0
BOT CHORD 11-12=0/2027, 10-11=0/3526, 9-10=0/3526, 8-9=0/3526, 7-8=0/2063
WEBS 2-12=-2436/0, 2-11=0/932, 3-11=-912/0, 5-7=-2479/0, 5-8=0/911, 4-8=-889/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) 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.
4) Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent spaced at 1-7-3 oc max. starting at 0-10-5 from the left end to 7-3-2 to connect truss(es) to back face of top chord.
5) Fill all nail holes where hanger is in contact with lumber.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 7-12=-10, 1-6=-100
Concentrated Loads (lb)
Vert: 3=-400(B) 5=-400(B) 13=-404(B) 14=-400(B) 15=-400(B)

February 10,2022

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F08	FLOOR GIRDER	1	1	I50154821
					Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:57 2022 Page 1
ID:wGHO7kGlZJUXqaFdBnCYKlyjubB-PdmBlWe2l9Nw38xDfYxqD8aVsN2sPFfGzrAXWPzms_0

0-9-4 1-0-0 1-3-0 1-3-11 2-0-0 0-10-9 0-1-8

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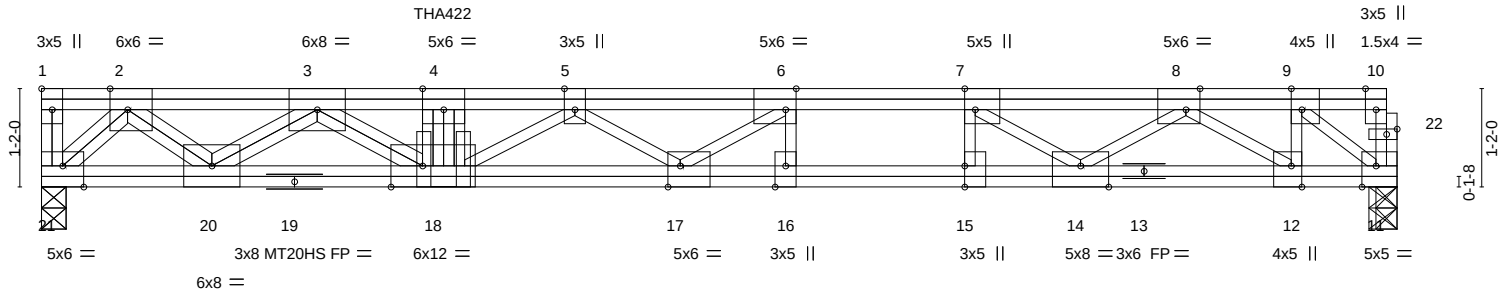

4-9-4 16-1-0
4-9-4 11-3-12

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [2:0-2-8,Edge], [4:0-3-0,Edge], [5:0-3-0,Edge], [6:0-1-8,Edge], [7:0-3-0,Edge], [8:0-2-0,Edge], [9:0-3-0,Edge], [10:0-3-0,Edge], [11:0-2-0,Edge], [12:0-3-0,Edge], [14:0-4-0,Edge], [15:0-3-0,0-0-0], [16:0-3-0,Edge], [17:0-1-12,Edge], [18:0-4-8,Edge], [21:0-3-0,Edge], [22:0-1-8,0-0-12]

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	0.66	Vert(LL)	-0.28	16-17	>684	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.74	Vert(CT)	-0.38	16-17	>492	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	NO	WB	0.81	Horz(CT)	0.04	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 136 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP DSS(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-11-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 0-3-8 except (jt=length) 11=0-4-0, 11=0-4-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) except 21=1867(LC 1), 21=1867(LC 1), 11=1285(LC 1), 11=1285(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3624/0, 3-4=-7863/0, 4-5=-7959/0, 5-6=-7329/0, 6-7=-6097/0, 7-8=-4156/0, 8-9=-1403/0
BOT CHORD 20-21=0/1819, 18-20=0/5770, 17-18=0/7950, 16-17=0/6097, 15-16=0/6097, 14-15=0/6097, 12-14=0/2807, 11-12=0/1412
WEBS 4-18=-1390/0, 6-16=-808/0, 7-15=0/836, 6-17=0/1702, 5-17=-884/0, 5-18=0/285, 7-14=-2401/0, 8-14=0/1673, 8-12=-1713/0, 9-12=0/881, 9-11=-1786/0, 3-18=0/2482, 3-20=-2677/0, 2-20=0/2445, 2-21=-2577/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) Non Standard bearing condition. Review required.
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.
6) Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent at 4-9-4 from the left end to connect truss(es) to front face of top chord.
7) Fill all nail holes where hanger is in contact with lumber.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 11-21=-10, 1-10=-100
Concentrated Loads (lb)
Vert: 4=-1416(F)

February 10,2022

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F09	Floor Supported Gable	1	1	I50154822

Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:58 2022 Page 1
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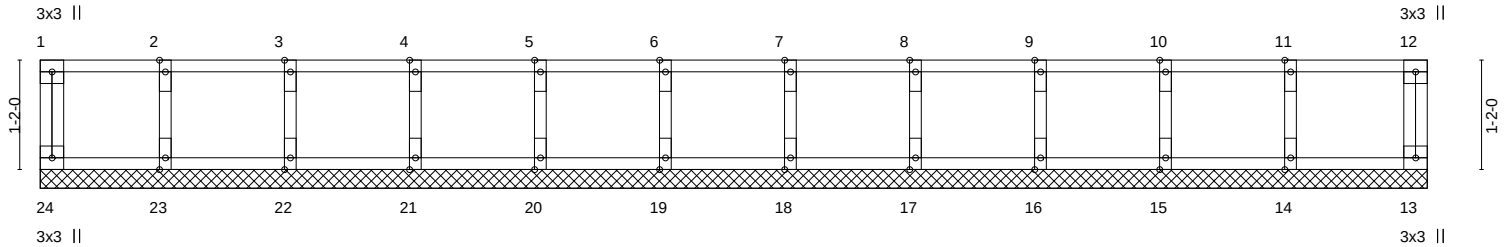

14-9-8
14-9-8

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	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 63 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 14-9-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

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) 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.

February 10,2022

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F10	Floor Supported Gable	1	1	I50154823

Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:58 2022 Page 1
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0-1-8

Scale: 3/4"=1'

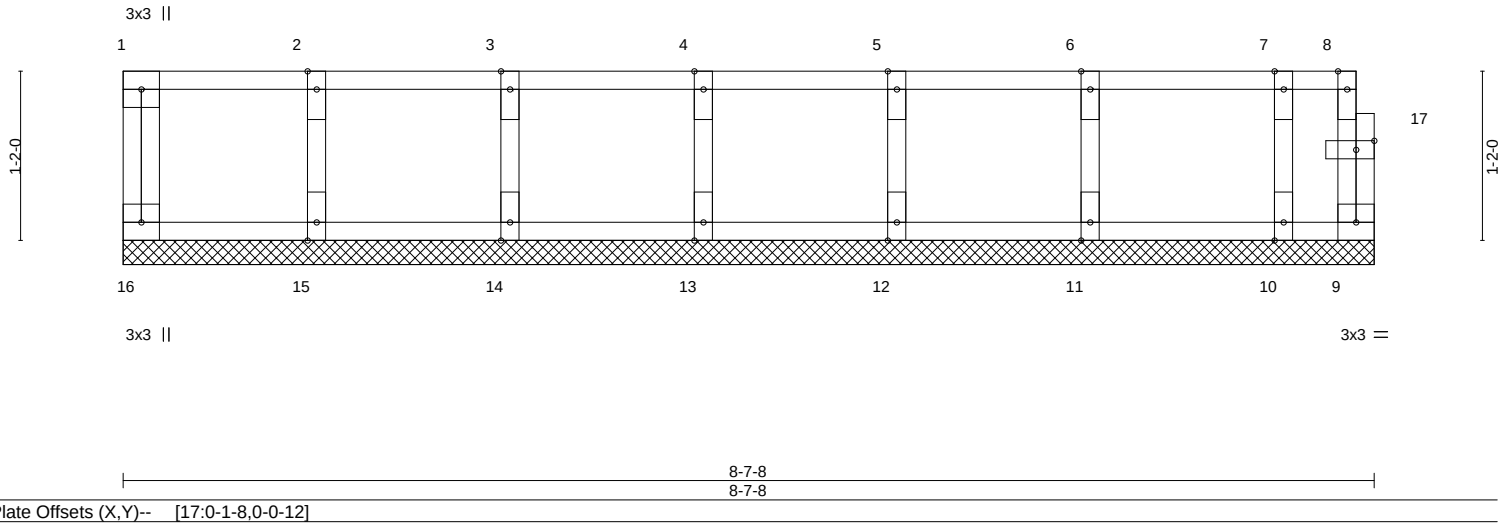

Plate Offsets (X,Y)-- [17:0-1-8,0-0-12]

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(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	9	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-R							Weight: 39 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 8-7-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 16, 9, 15, 14, 13, 12, 11, 10

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) 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.

February 10,2022

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F11	Floor	14	1	I50154824
					Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:59 2022 Page 1
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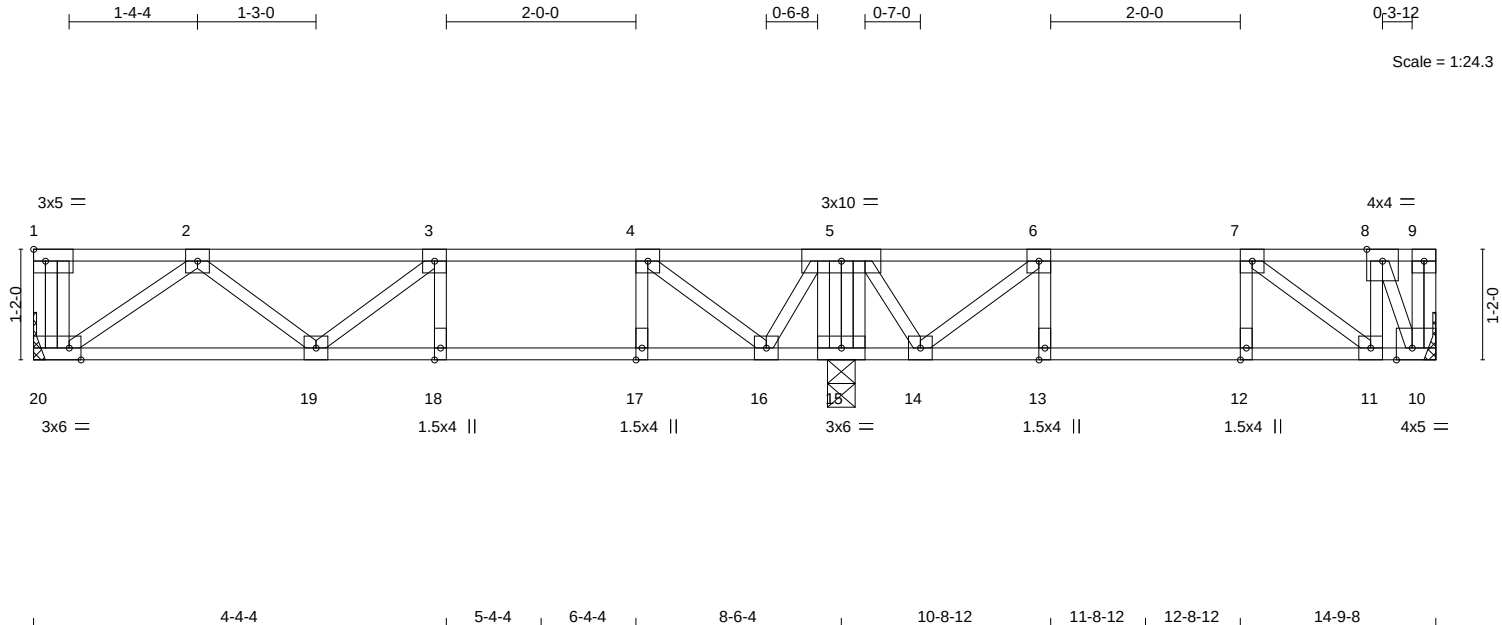

Plate Offsets (X,Y)-- [10:0-2-0,Edge], [20:0-1-8,Edge]

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	0.38	Vert(LL)	-0.07	18-19	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.63	Vert(CT)	-0.09	18-19	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.01	10	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-S							Weight: 82 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 15-16,14-15.

REACTIONS. (size) 10=Mechanical, 15=0-3-8, 20=Mechanical
Max Grav 10=285(LC 7), 15=632(LC 1), 20=385(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-681/0, 3-4=-761/0, 4-5=-338/0, 6-7=-422/0
BOT CHORD 19-20=0/526, 18-19=0/761, 17-18=0/761, 16-17=0/761, 13-14=0/422, 12-13=0/422, 11-12=0/422
WEBS 5-15=-584/0, 2-20=-627/0, 4-16=-582/0, 5-16=0/342, 6-14=-318/0, 7-11=-380/0, 8-10=-277/0

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) 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.

February 10,2022

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F12	Floor	10	1	I50154825
					Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:43:59 2022 Page 1
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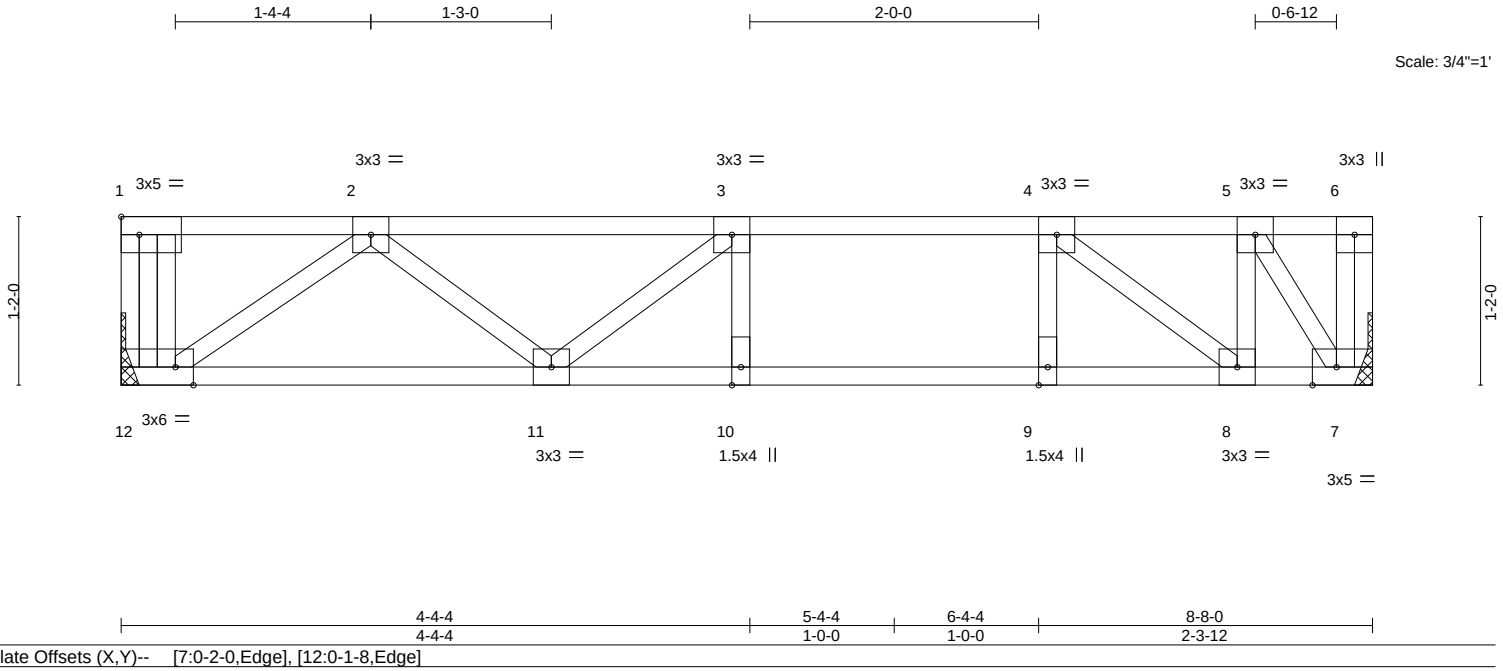


Plate Offsets (X,Y)-- [7:0-2-0,Edge], [12:0-1-8,Edge]

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	0.46	Vert(LL)	-0.07	10-11	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.61	Vert(CT)	-0.09	10-11	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	7	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-S							Weight: 48 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 7=Mechanical, 12=Mechanical
Max Grav 7=370(LC 1), 12=370(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-641/0, 3-4=-689/0
BOT CHORD 11-12=0/507, 10-11=0/689, 9-10=0/689, 8-9=0/689
WEBS 2-12=-604/0, 4-8=-591/0, 5-8=0/286, 5-7=-373/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) 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.

February 10,2022

ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	GARY ROBINSON-SUMMIT-LOT#1 FLOOR
22-0799-A	F13	Floor	2	1	I50154826
					Job Reference (optional)

Riverside Roof Truss, LLC, Danville, Va - 24541, 8.430 s Aug 16 2021 MiTek Industries, Inc. Wed Feb 9 13:44:00 2022 Page 1
ID:wGHO7kGlZJUXqaFdBnCYKlyjubB-pCSKOYhx24lVwcfoLgVXqnC3Ma6acmqjfpPB6kzmrzz

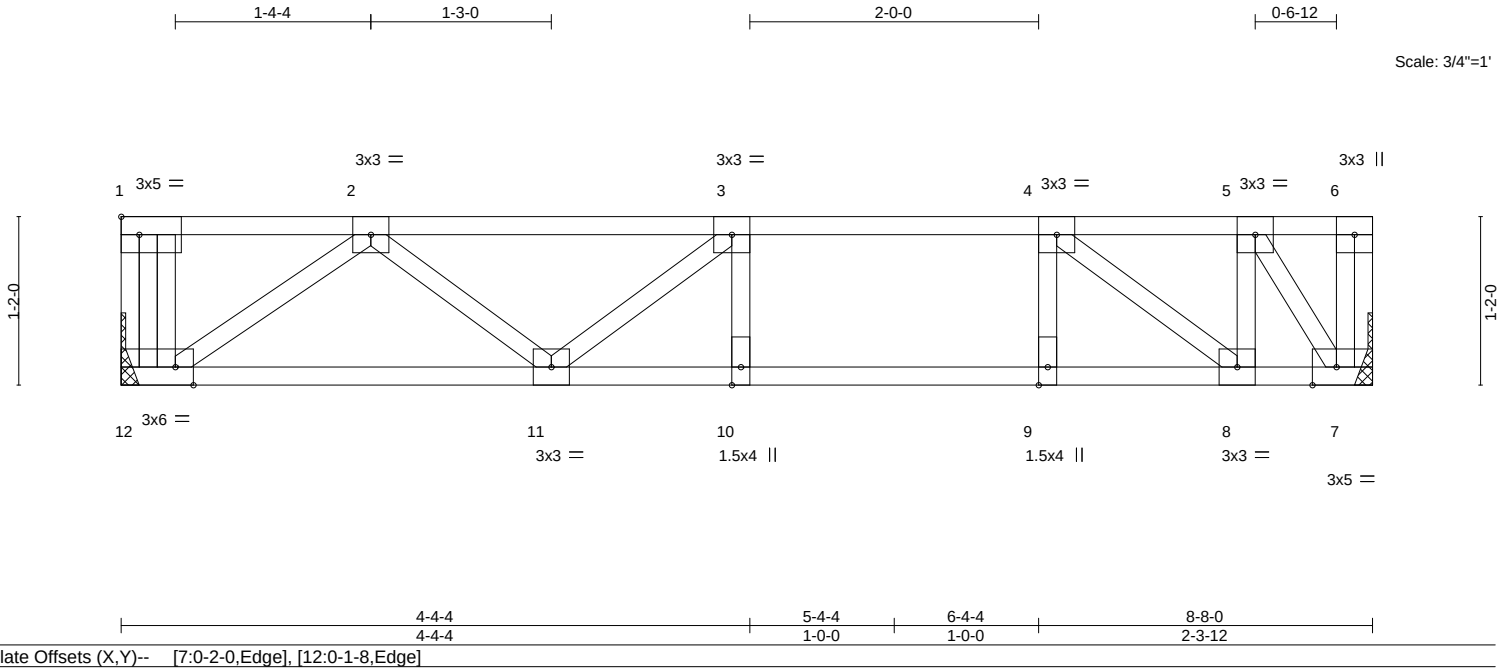


Plate Offsets (X,Y)-- [7:0-2-0,Edge], [12:0-1-8,Edge]

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	0.46	Vert(LL)	-0.07	10-11	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.61	Vert(CT)	-0.09	10-11	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	7	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-S							Weight: 48 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 7=Mechanical, 12=Mechanical
Max Grav 7=370(LC 1), 12=370(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-641/0, 3-4=-689/0
BOT CHORD 11-12=0/507, 10-11=0/689, 9-10=0/689, 8-9=0/689
WEBS 2-12=-604/0, 4-8=-591/0, 5-8=0/286, 5-7=-373/0

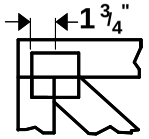
NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

February 10,2022

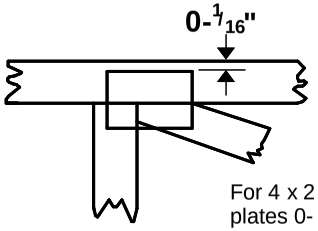
ENGINEERING BY TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- 1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

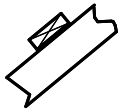
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

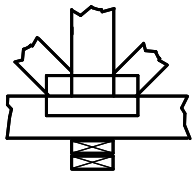
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

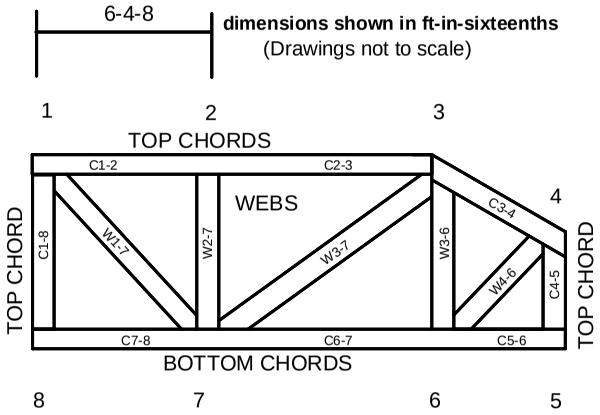


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek
ENGINEERING BY TRENCO
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MiTek Engineering Reference Sheet: MII-7473 rev. 5/19/2020

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.
21. The design does not take into account any dynamic or other loads other than those expressly stated.