

Mark Morris, P.E.

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The truss drawing(s) listed below have been prepared by **Atlantic Building Components** under my direct supervision based on the parameters provided by the truss designers.

AST #: 54777

JOB: 24-7744-F02

JOB NAME: LOT 0.0011 CAMPBELL RIDGE

Wind Code: N/A

Wind Speed: Vult= N/A

Exposure Category: N/A

Mean Roof Height (feet): N/A

These truss designs comply with IRC 2018 as well as IRC 2021.

21 Truss Design(s)

Trusses:

F201, F202, F202A, F203, F204, F205, F205A, F206, F207, F208, F209, F210, F211, F212, F213, F214, F215, F216, F217, F218, F219



12/5/2024

Mark Morris

Warning !—Verify design parameters and read notes before use.

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Job 24-7744-F02	Truss F202	Truss Type Floor	Qty 5	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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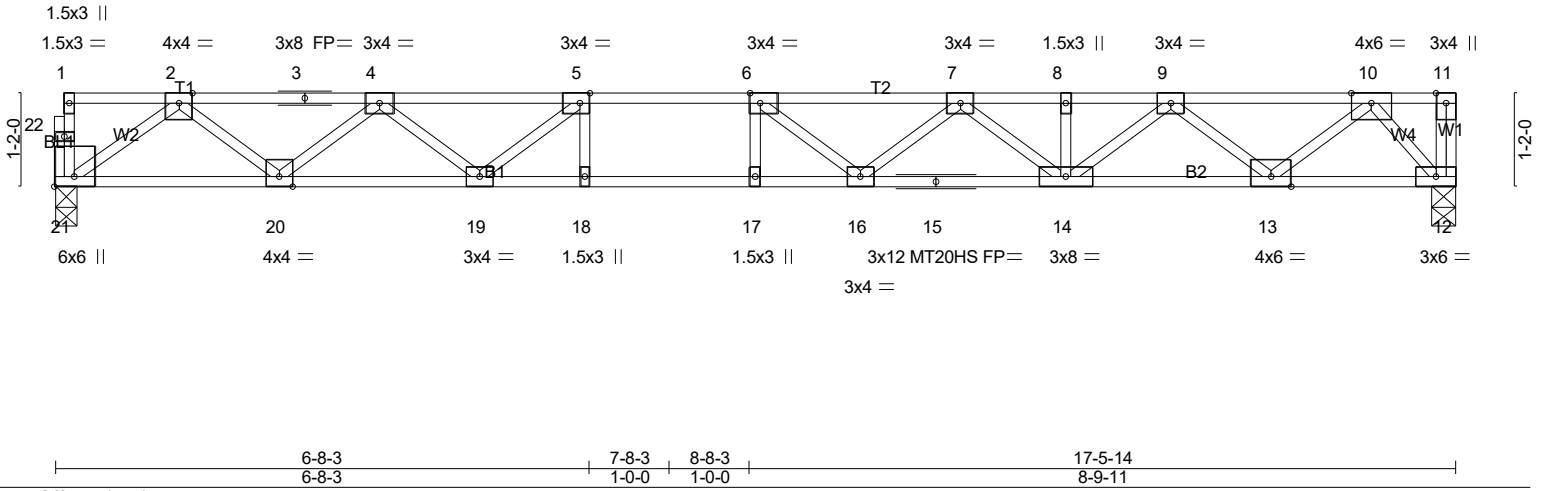


Plate Offsets (X,Y)-- [5:0-1-8,Edge], [6:0-1-8,Edge], [21:Edge,0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.64	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.79	Vert(LL) -0.30 16-17 >697 480	MT20HS	187/143
BCLL 0.0	Lumber DOL 1.00	WB 0.53	Vert(CT) -0.41 16-17 >507 360		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.06 12 n/a n/a		
	Code IRC2021/TPI2014			Weight: 88 lb	FT = 20%F, 11%E

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.1(flat)	TOP CHORD Structural wood sheathing directly applied or 5-9-2 oc purlins, except end verticals.
BOT CHORD 2x4 SP SS(flat) *Except* B2: 2x4 SP No.1(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3(flat)	

REACTIONS. (lb/size) 21=942/0-3-6 (min. 0-1-8), 12=948/0-3-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2028/0, 3-4=-2028/0, 4-5=-3259/0, 5-6=-3830/0, 6-7=-3780/0, 7-8=-3111/0, 8-9=-3111/0, 9-10=-1700/0
BOT CHORD 20-21=0/1226, 19-20=0/2785, 18-19=0/3830, 17-18=0/3830, 16-17=0/3830, 15-16=0/3619, 14-15=0/3619, 13-14=0/2529, 12-13=0/837
WEBS 5-18=-65/292, 6-17=-260/97, 5-19=-879/0, 4-19=0/650, 4-20=-986/0, 2-20=0/1044, 2-21=-1514/0, 6-16=-424/231, 7-16=0/374, 7-14=-648/0, 9-14=0/744, 9-13=-1079/0, 10-13=0/1122, 10-12=-1256/0

- NOTES-** (5)
- Unbalanced floor live loads have been considered for this design.
 - All plates are MT20 plates unless otherwise indicated.
 - 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.
 - CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



12/5/2024

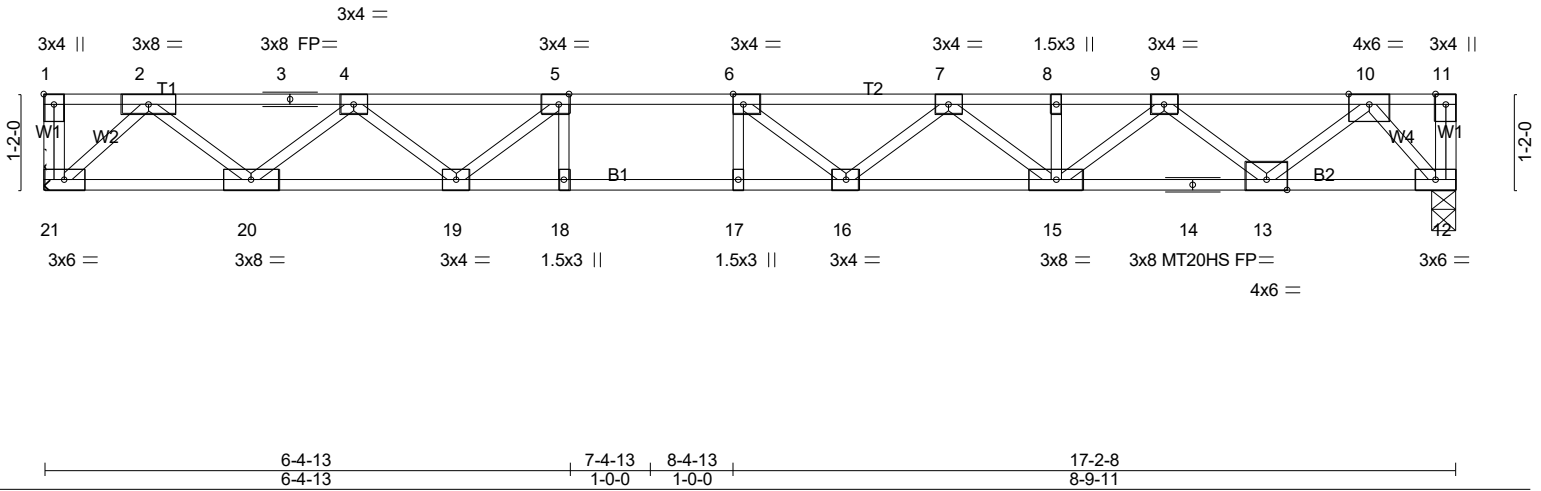
Warning!—Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job 24-7744-F02	Truss F202A	Truss Type Floor	Qty 1	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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Scale = 1:28.1



LOADING (psf)		SPACING-		CSI.		DEFL.				PLATES		GRIP	
TCLL	40.0	Plate Grip DOL	1.00	TC	0.64	Vert(LL)	-0.29	16-17	>713	L/d	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.80	Vert(CT)	-0.39	16-17	>519		360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.06	12	n/a	n/a			
BCDL	5.0	Code IRC2021/TPI2014		Matrix-SH									Weight: 88 lb FT = 20%F, 11%E

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.1(flat)	TOP CHORD	Structural wood sheathing directly applied or 5-9-15 oc purlins, except end verticals.
BOT CHORD	2x4 SP SS(flat) *Except* B2: 2x4 SP No.1(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3(flat)		

REACTIONS. (lb/size) 21=933/Mechanical, 12=933/0-3-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1813/0, 3-4=-1813/0, 4-5=-3081/0, 5-6=-3687/0, 6-7=-3673/0, 7-8=-3039/0, 8-9=-3039/0, 9-10=-1668/0
 BOT CHORD 20-21=0/995, 19-20=0/2587, 18-19=0/3687, 17-18=0/3687, 16-17=0/3687, 15-16=0/3533, 14-15=0/2478, 13-14=0/2478,
 12-13=0/824
 WEBS 5-18=-51/302, 6-17=-270/83, 5-19=-904/0, 4-19=0/666, 4-20=-1007/0, 2-20=0/1065, 2-21=-1342/0, 6-16=-387/257,
 7-16=0/351, 7-15=-630/0, 9-15=0/716, 9-13=-1055/0, 10-13=0/1099, 10-12=-1235/0

- NOTES-** (5)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are MT20 plates 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.

LOAD CASE(S) Standard

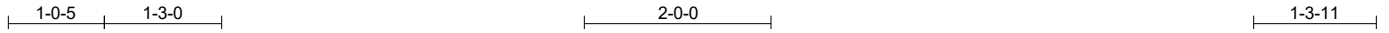


12/5/2024

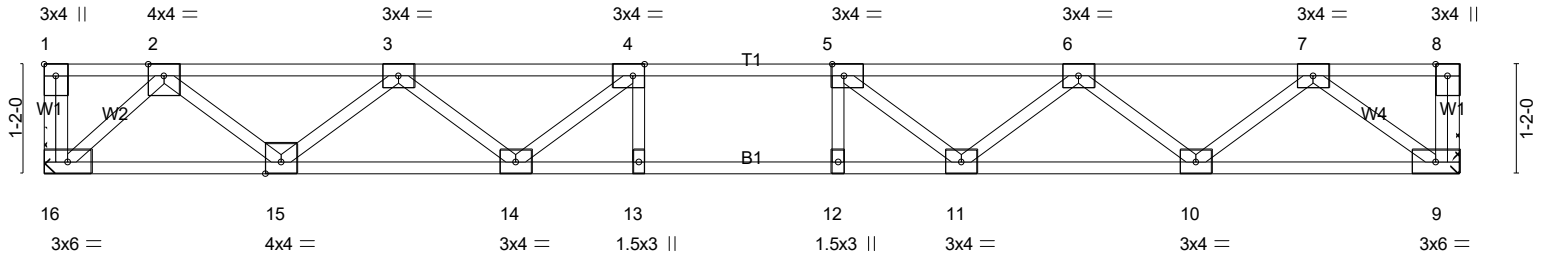
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Job 24-7744-F02	Truss F203	Truss Type Floor	Qty 3	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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Scale = 1:24.6



6-4-13	7-4-13	8-4-13	15-1-0
6-4-13	1-0-0	1-0-0	6-8-3

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

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 40.0	Plate Grip DOL	1.00	TC 0.38	Vert(LL)	-0.16	11-12	>999	480	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.79	Vert(CT)	-0.21	11-12	>833	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.42	Horz(CT)	0.04	9	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH							

Weight: 76 lb FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 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) 16=816/Mechanical, 9=816/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1545/0, 3-4=-2532/0, 4-5=-2874/0, 5-6=-2601/0, 6-7=-1691/0
BOT CHORD 15-16=0/861, 14-15=0/2196, 13-14=0/2874, 12-13=0/2874, 11-12=0/2308, 9-10=0/1040
WEBS 4-14=-602/0, 3-14=0/485, 3-15=-847/0, 2-15=0/892, 2-16=-1161/0, 5-11=-542/0, 6-11=0/446, 6-10=-803/0, 7-10=0/847, 7-9=-1286/0

NOTES- (4)
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.

LOAD CASE(S) Standard

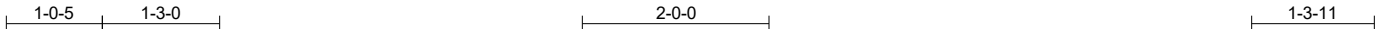


12/5/2024

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Job 24-7744-F02	Truss F204	Truss Type Floor	Qty 2	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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Scale = 1:24.6

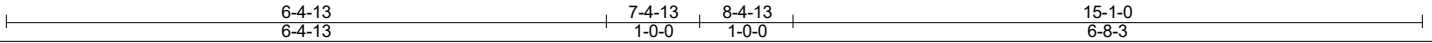
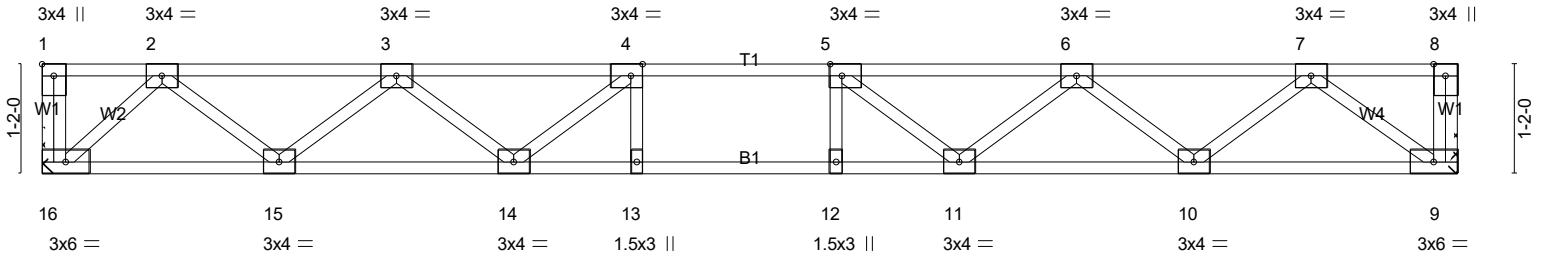


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [4:0-1-8,Edge], [5:0-1-8,Edge]

LOADING (psf)	SPACING-	1-4-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC 0.25	Vert(LL)	-0.11 11-12	>999	480	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.52	Vert(CT)	-0.14 11-12	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.28	Horz(CT)	0.03 9	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH						
								Weight: 76 lb	FT = 20%F, 11%E

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

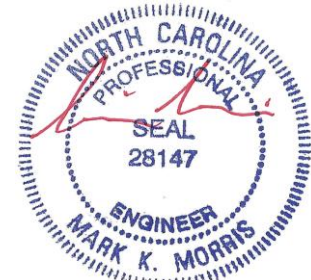
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 16=544/Mechanical, 9=544/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1030/0, 3-4=-1688/0, 4-5=-1916/0, 5-6=-1734/0, 6-7=-1127/0
BOT CHORD 15-16=0/574, 14-15=0/1464, 13-14=0/1916, 12-13=0/1916, 11-12=0/1539, 9-10=0/693
WEBS 4-14=-402/0, 3-14=0/324, 3-15=-565/0, 2-15=0/594, 2-16=-774/0, 5-11=-361/0, 6-11=0/298, 6-10=-536/0, 7-10=0/565, 7-9=-857/0

NOTES- (4)
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.

LOAD CASE(S) Standard

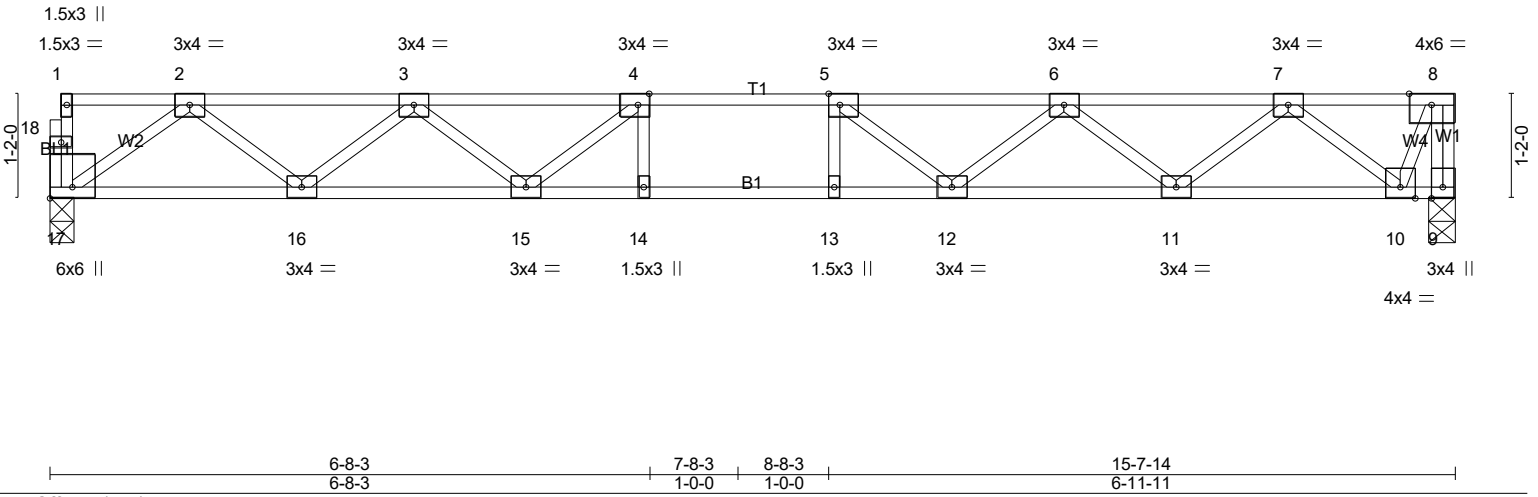
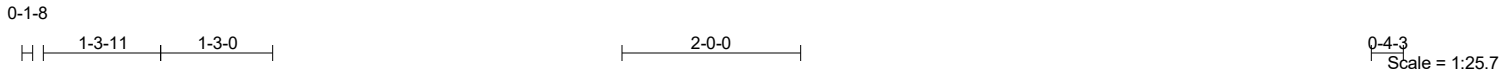


12/5/2024

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Job 24-7744-F02	Truss F205	Truss Type FLOOR	Qty 4	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	1-9-0	TC 0.34	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.73	Vert(LL) -0.15 12-13 >999 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.37	Vert(CT) -0.21 12-13 >883 360		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.04 9 n/a n/a		
	Code IRC2021/TPI2014			Weight: 79 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 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) 9=741/0-3-8 (min. 0-1-8), 17=736/0-3-6 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 8-9=-743/0, 2-3=-1549/0, 3-4=-2413/0, 4-5=-2714/0, 5-6=-2476/0, 6-7=-1681/0, 7-8=-313/0
BOT CHORD 16-17=0/948, 15-16=0/2119, 14-15=0/2714, 13-14=0/2714, 12-13=0/2714, 11-12=0/2219, 10-11=0/1117
WEBS 4-15=-542/0, 3-15=0/434, 3-16=-741/0, 2-16=0/783, 2-17=-1170/0, 5-12=-487/0, 6-12=0/400, 6-11=-700/0, 7-11=0/734, 7-10=-1047/0, 8-10=0/756

NOTES- (4)
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) CAUTION. Do not erect truss backwards.

LOAD CASE(S) Standard

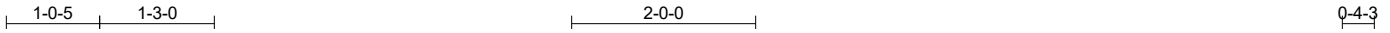


12/5/2024

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Job 24-7744-F02	Truss F205A	Truss Type Floor	Qty 1	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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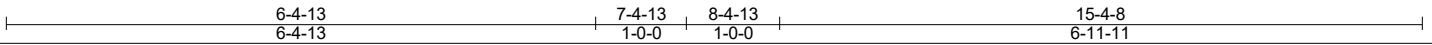
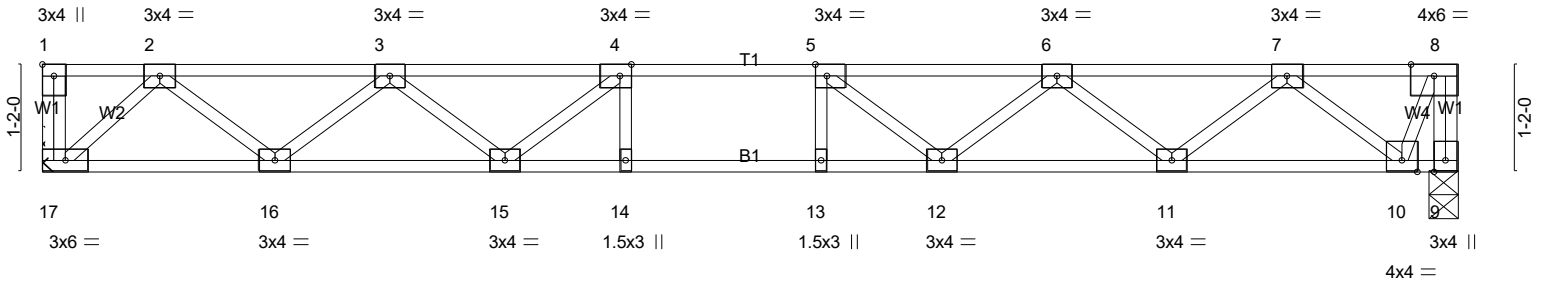


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [4:0-1-8,Edge], [5:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	1-4-0	TC 0.27	Vert(LL)	-0.12 12-13	>999	480	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.56	Vert(CT)	-0.16 12-13	>999	360		
BCLL 0.0	Lumber DOL 1.00	WB 0.29	Horz(CT)	0.03 9	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH						
	Code IRC2021/TPI2014						Weight: 78 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 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) 9=555/0-3-8 (min. 0-1-8), 17=555/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 8-9=-556/0, 2-3=-1055/0, 3-4=-1738/0, 4-5=-1990/0, 5-6=-1832/0, 6-7=-1252/0
BOT CHORD 16-17=0/586, 15-16=0/1500, 14-15=0/1990, 13-14=0/1990, 12-13=0/1990, 11-12=0/1651, 10-11=0/834
WEBS 4-15=-428/0, 3-15=0/340, 3-16=-579/0, 2-16=0/610, 2-17=-790/0, 5-12=-346/0, 6-12=0/289, 6-11=-519/0, 7-11=0/544,
7-10=-781/0, 8-10=0/565

NOTES- (4)
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.

LOAD CASE(S) Standard



12/5/2024

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Job 24-7744-F02	Truss F206	Truss Type Floor	Qty 6	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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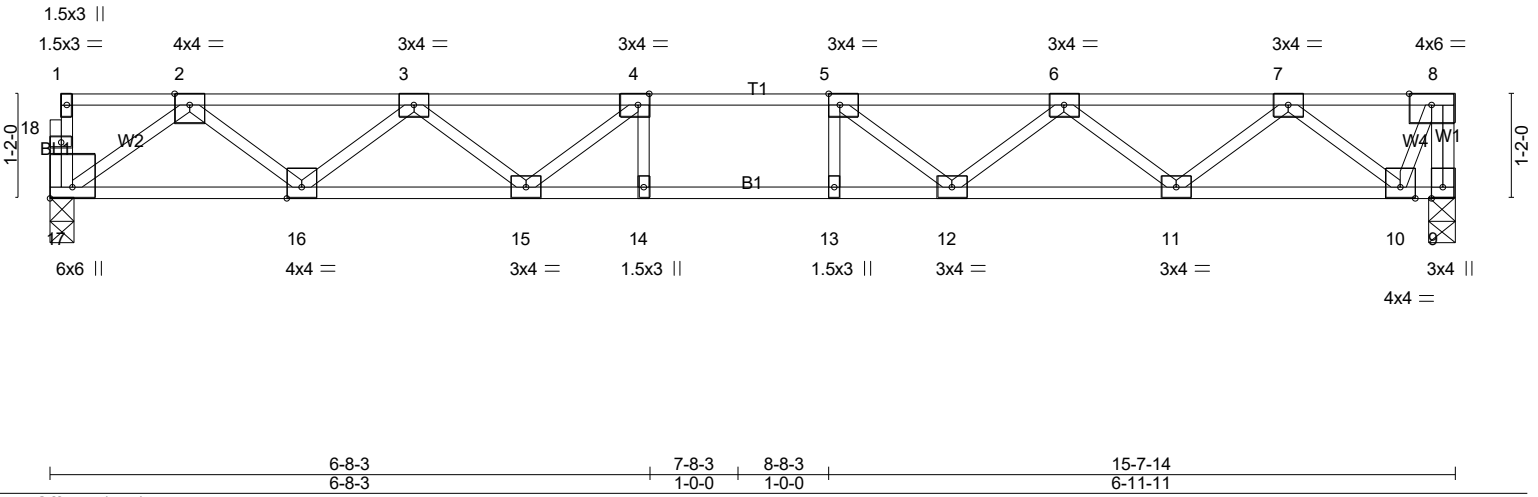
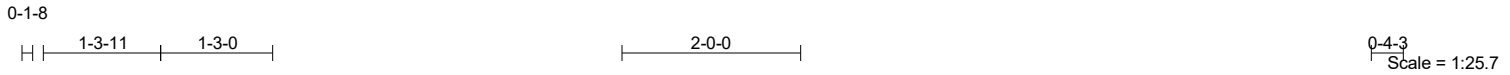


Plate Offsets (X,Y)-- [4:0-1-8,Edge], [5:0-1-8,Edge], [17:Edge,0-3-0]					
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.41	Vert(LL) -0.18 12-13 >999 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.83	Vert(CT) -0.24 12-13 >772 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.43	Horz(CT) 0.05 9 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH		Weight: 79 lb	FT = 20%F, 11%E

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.1(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.1(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3(flat)	

REACTIONS. (lb/size) 9=847/0-3-8 (min. 0-1-8), 17=841/0-3-6 (min. 0-1-8)

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

TOP CHORD 8-9=-849/0, 2-3=-1771/0, 3-4=-2758/0, 4-5=-3101/0, 5-6=-2829/0, 6-7=-1921/0, 7-8=-358/0

BOT CHORD 16-17=0/1084, 15-16=0/2422, 14-15=0/3101, 13-14=0/3101, 12-13=0/3101, 11-12=0/2536, 10-11=0/1277

WEBS 4-15=-620/0, 3-15=0/496, 3-16=-847/0, 2-16=0/894, 2-17=-1337/0, 5-12=-556/0, 6-12=0/457, 6-11=-800/0, 7-11=0/839, 7-10=-1197/0, 8-10=0/864

NOTES- (4)

- Unbalanced floor live loads have been considered for this design.
- 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.
- CAUTION. Do not erect truss backwards.

LOAD CASE(S) Standard



12/5/2024

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Job 24-7744-F02	Truss F207	Truss Type Floor Supported Gable	Qty 1	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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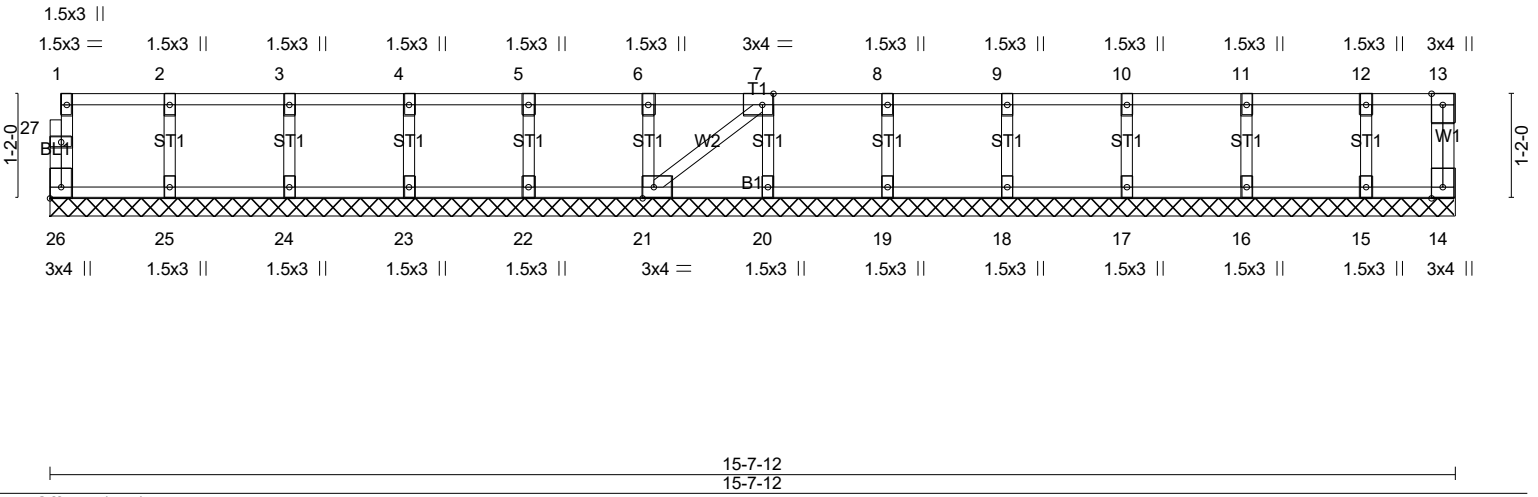


Plate Offsets (X,Y)-- [7:0-1-8,Edge], [21:0-1-8,Edge], [26:Edge,0-1-8]					
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.06	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.01	Vert(CT) n/a - n/a 999		
BCLL 0.0	Rep Stress Incr YES	WB 0.03	Horz(CT) 0.00 14 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 69 lb FT = 20%F, 11%E

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.1(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.1(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3(flat)	
OTHERS 2x4 SP No.3(flat)	

REACTIONS. All bearings 15-7-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 26, 14, 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15

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

- NOTES-** (6)
- Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1-4-0 oc.
 - 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.
 - CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



12/5/2024

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Job 24-7744-F02	Truss F208	Truss Type Floor Supported Gable	Qty 1	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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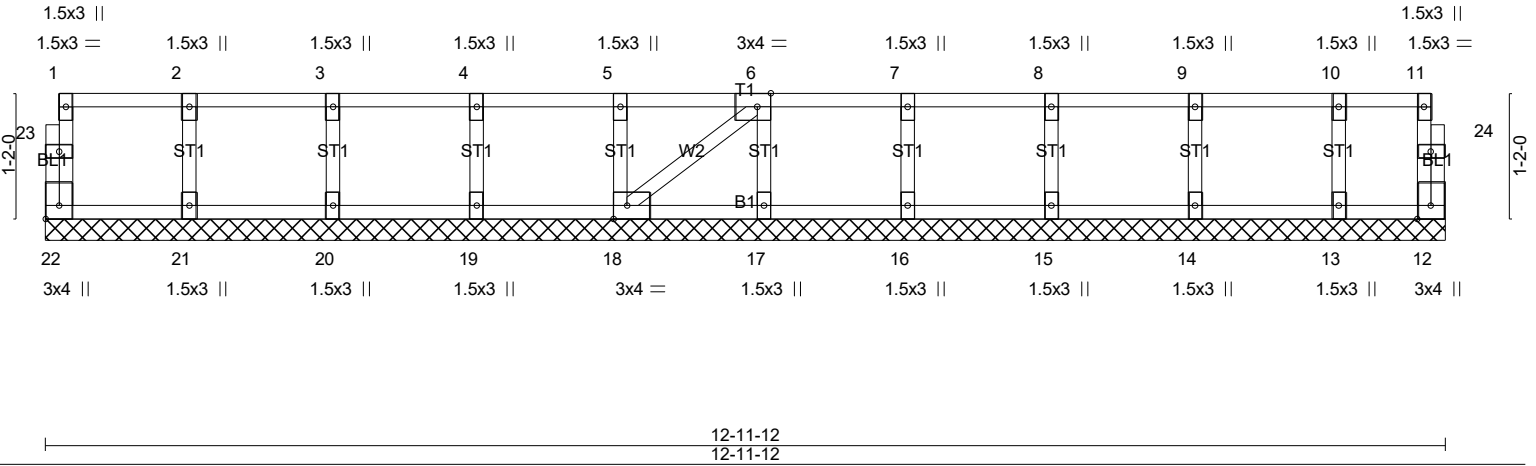


Plate Offsets (X,Y)-- [6:0-1-8,Edge], [18:0-1-8,Edge], [22:Edge,0-1-8]

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 0.06	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	12	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH						Weight: 58 lb	FT = 20%F, 11%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 12-11-12.
(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- (5)
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) 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

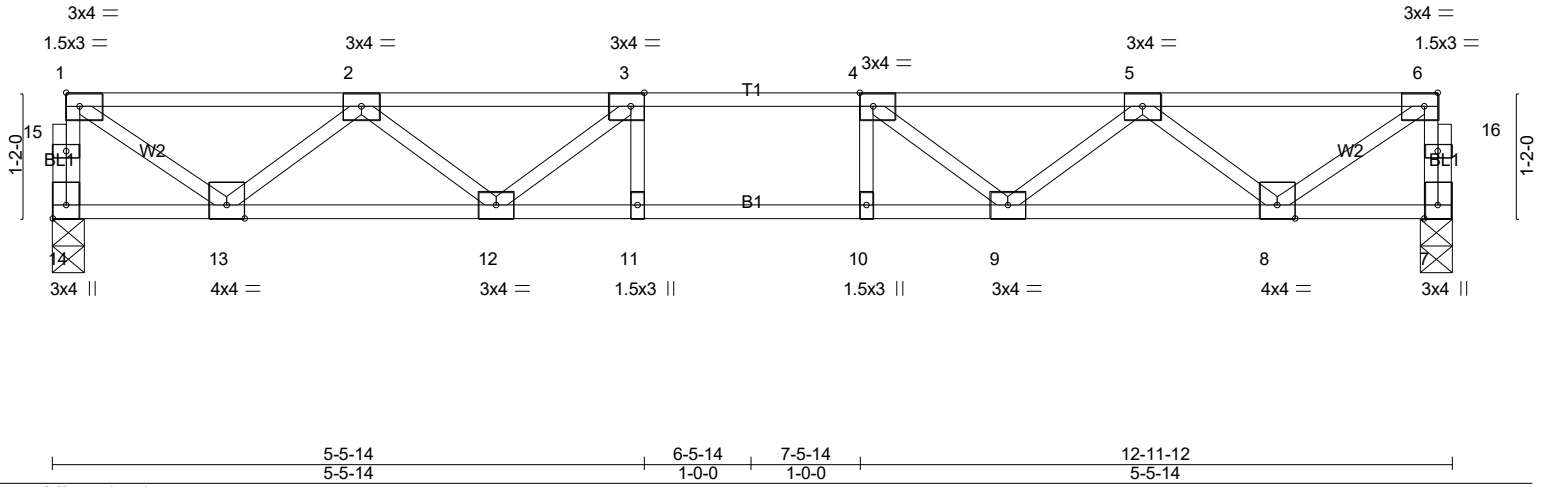
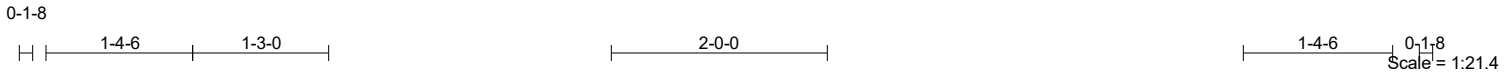


12/5/2024

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Job 24-7744-F02	Truss F209	Truss Type Floor	Qty 2	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.32	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.58	Vert(LL) -0.10 11-12 >999 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.47	Vert(CT) -0.13 9-10 >999 360		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.03 7 n/a n/a		
	Code IRC2021/TPI2014			Weight: 65 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 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) 14=694/0-3-6 (min. 0-1-8), 7=694/0-3-6 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 14-15=-688/0, 1-15=-687/0, 7-16=-688/0, 6-16=-687/0, 1-2=-836/0, 2-3=-1812/0, 3-4=-2109/0, 4-5=-1812/0, 5-6=-836/0
BOT CHORD 12-13=0/1506, 11-12=0/2109, 10-11=0/2109, 9-10=0/2109, 8-9=0/1506
WEBS 3-12=-507/0, 2-12=0/427, 2-13=-872/0, 1-13=0/984, 4-9=-507/0, 5-9=0/427, 5-8=-872/0, 6-8=0/984

NOTES- (3)
1) Unbalanced floor live loads have been considered for this design.
2) 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



12/5/2024

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Job 24-7744-F02	Truss F210	Truss Type Floor	Qty 2	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC # 54777
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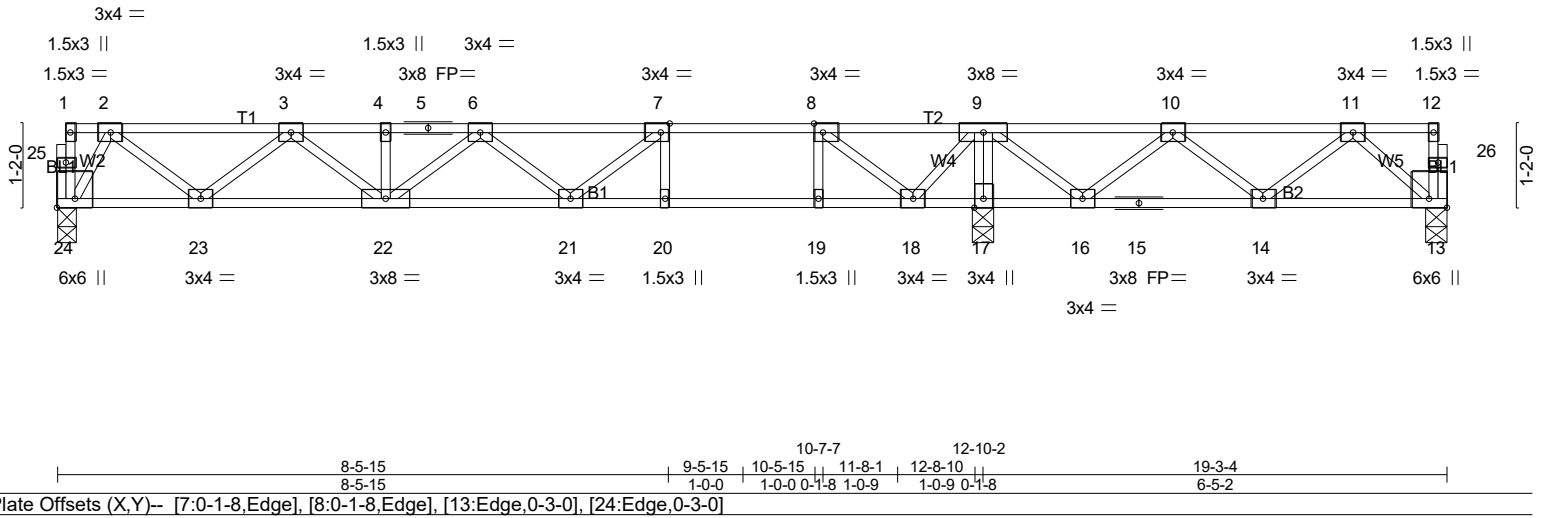
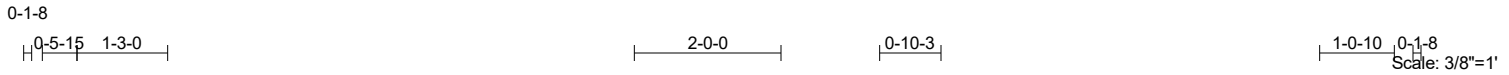


Plate Offsets (X,Y)-- [7:0-1-8,Edge], [8:0-1-8,Edge], [13:Edge,0-3-0], [24:Edge,0-3-0]							
LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP		
TCLL 40.0	2-0-0	TC 0.83	in (loc) l/defl L/d	MT20	244/190		
TCDL 10.0	Plate Grip DOL 1.00	BC 0.88	Vert(LL) -0.25 20-21 >612 480				
BCLL 0.0	Lumber DOL 1.00	WB 0.38	Vert(CT) -0.34 20-21 >451 360				
BCDL 5.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.03 13 n/a n/a				
	Code IRC2021/TPI2014						Weight: 100 lb FT = 20%F, 11%E

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.1(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP SS(flat) *Except* B2: 2x4 SP No.1(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 17-18,16-17.
WEBS 2x4 SP No.3(flat)	

REACTIONS. (lb/size) 24=697/0-3-6 (min. 0-1-8), 17=1035/0-3-8 (min. 0-1-8), 13=348/0-3-6 (min. 0-1-8)
Max Grav 24=703(LC 3), 17=1035(LC 1), 13=376(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1058/0, 3-4=-1954/0, 4-5=-1954/0, 5-6=-1954/0, 6-7=-2133/0, 7-8=-1724/0,
8-9=-668/0, 9-10=-476/0, 10-11=-559/0
BOT CHORD 23-24=0/442, 22-23=0/1639, 21-22=0/2254, 20-21=0/1724, 19-20=0/1724, 18-19=0/1724,
15-16=0/698, 14-15=0/698, 13-14=0/384
WEBS 7-20=-399/0, 8-19=0/456, 9-17=-914/0, 7-21=0/562, 6-22=-383/0, 3-22=0/402,
3-23=-756/0, 2-23=0/803, 2-24=-870/0, 8-18=-1360/0, 9-18=0/775, 9-16=0/408,
10-16=-376/0, 11-13=-511/0

NOTES- (4)
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



12/5/2024

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Job 24-7744-F02	Truss F211	Truss Type Floor	Qty 5	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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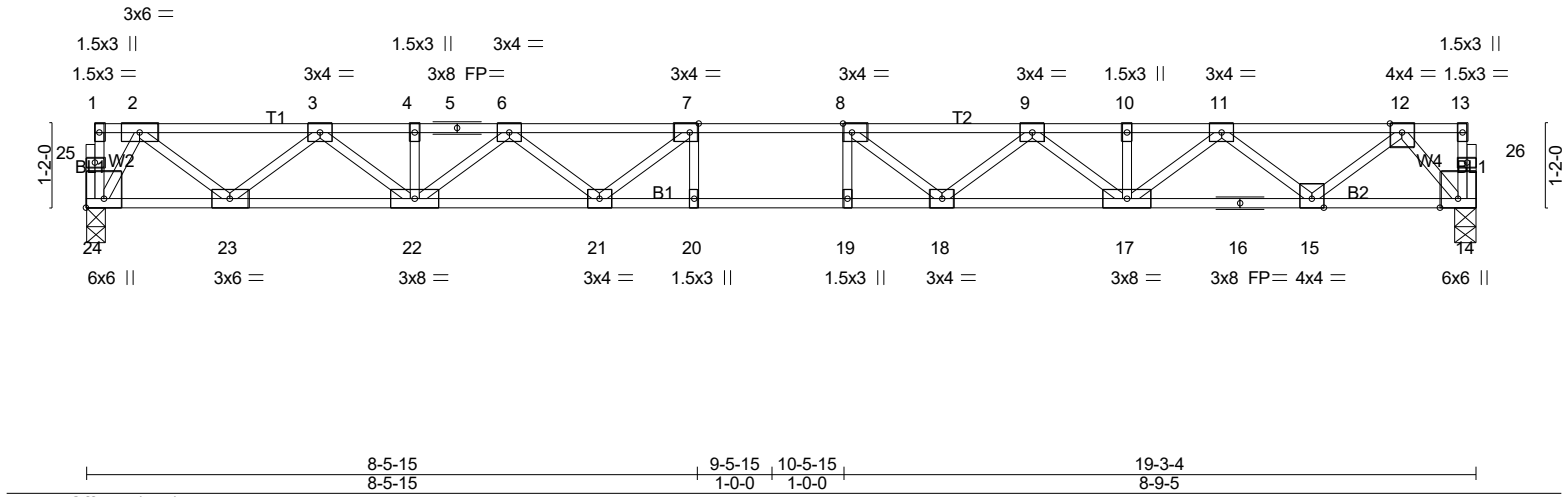
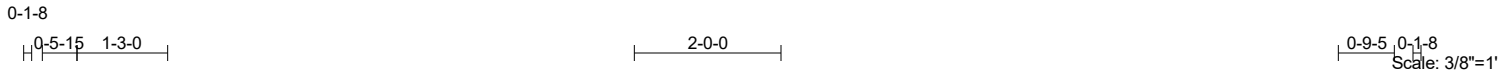


Plate Offsets (X,Y)-- [7:0-1-8,Edge], [8:0-1-8,Edge], [24:Edge,0-3-0]					
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.46	Vert(LL) -0.31 19-20 >747 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.92	Vert(CT) -0.42 19-20 >542 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.50	Horz(CT) 0.07 14 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH		Weight: 98 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 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, Except: 2-2-0 oc bracing: 19-20.

REACTIONS. (lb/size) 24=831/0-3-6 (min. 0-1-8), 14=831/0-3-6 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1325/0, 3-4=-2720/0, 4-5=-2720/0, 5-6=-2720/0, 6-7=-3509/0, 7-8=-3788/0, 8-9=-3565/0, 9-10=-2835/0, 10-11=-2835/0, 11-12=-1502/0
BOT CHORD 23-24=0/513, 22-23=0/2114, 21-22=0/3233, 20-21=0/3788, 19-20=0/3788, 18-19=0/3788, 17-18=0/3324, 16-17=0/2263, 15-16=0/2263, 14-15=0/717
WEBS 7-21=-579/9, 6-21=0/454, 6-22=-656/0, 3-22=0/773, 3-23=-1028/0, 2-23=0/1057, 2-24=-1008/0, 8-18=-531/57, 9-18=0/423, 9-17=-624/0, 11-17=0/730, 11-15=-990/0, 12-15=0/1022, 12-14=-1096/0

NOTES- (3)
1) Unbalanced floor live loads have been considered for this design.
2) 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



12/5/2024

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Job 24-7744-F02	Truss F212	Truss Type FLOOR	Qty 5	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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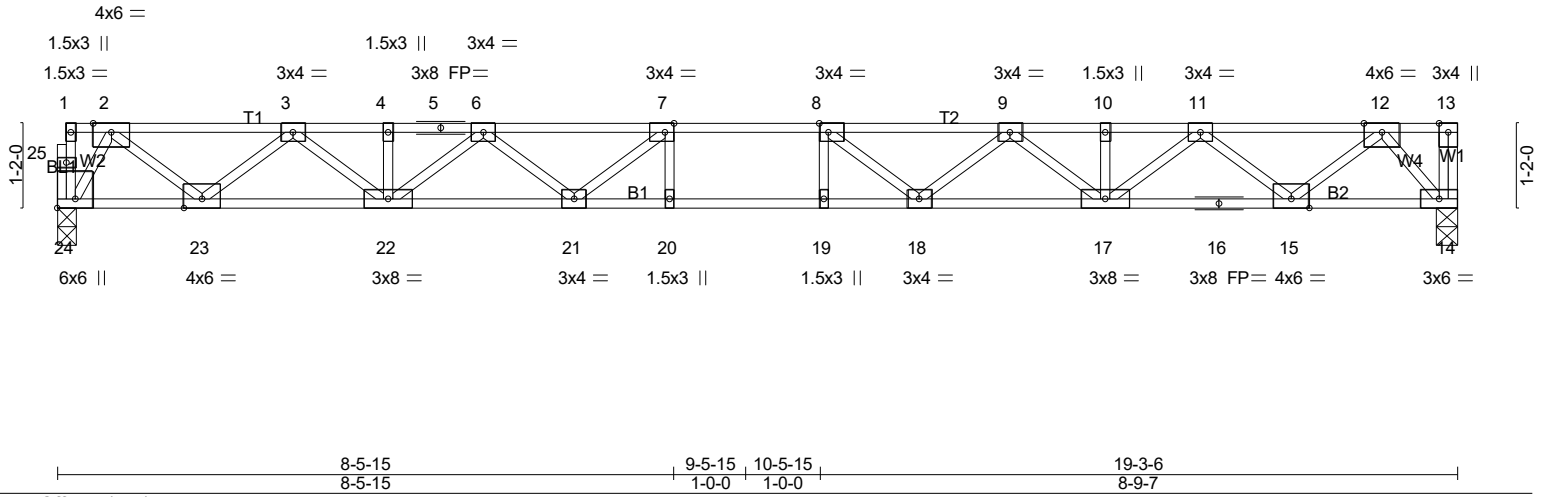
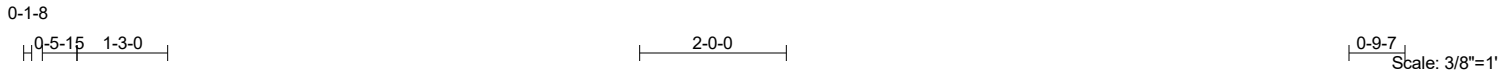


Plate Offsets (X,Y)-- [7:0-1-8,Edge], [8:0-1-8,Edge], [24:Edge,0-3-0]					
LOADING (psf)	SPACING- 1-9-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.51	Vert(LL) -0.32 19-20 >718 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.64	Vert(CT) -0.44 19-20 >522 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.55	Horz(CT) 0.07 14 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 99 lb FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 2x4 SP SS(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) 24=910/0-3-6 (min. 0-1-8), 14=916/0-3-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1451/0, 3-4=-2978/0, 4-5=-2978/0, 5-6=-2978/0, 6-7=-3844/0, 7-8=-4151/0, 8-9=-3907/0, 9-10=-3109/0, 10-11=-3109/0, 11-12=-1652/0
BOT CHORD 23-24=0/561, 22-23=0/2316, 21-22=0/3542, 20-21=0/4151, 19-20=0/4151, 18-19=0/4151, 17-18=0/3644, 16-17=0/2484, 15-16=0/2484, 14-15=0/793
WEBS 7-21=-638/12, 6-21=0/493, 6-22=-720/0, 3-22=0/846, 3-23=-1126/0, 2-23=0/1158, 2-24=-1103/0, 8-18=-584/66, 9-18=0/459, 9-17=-684/0, 11-17=0/797, 11-15=-1083/0, 12-15=0/1119, 12-14=-1204/0

NOTES- (4)
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

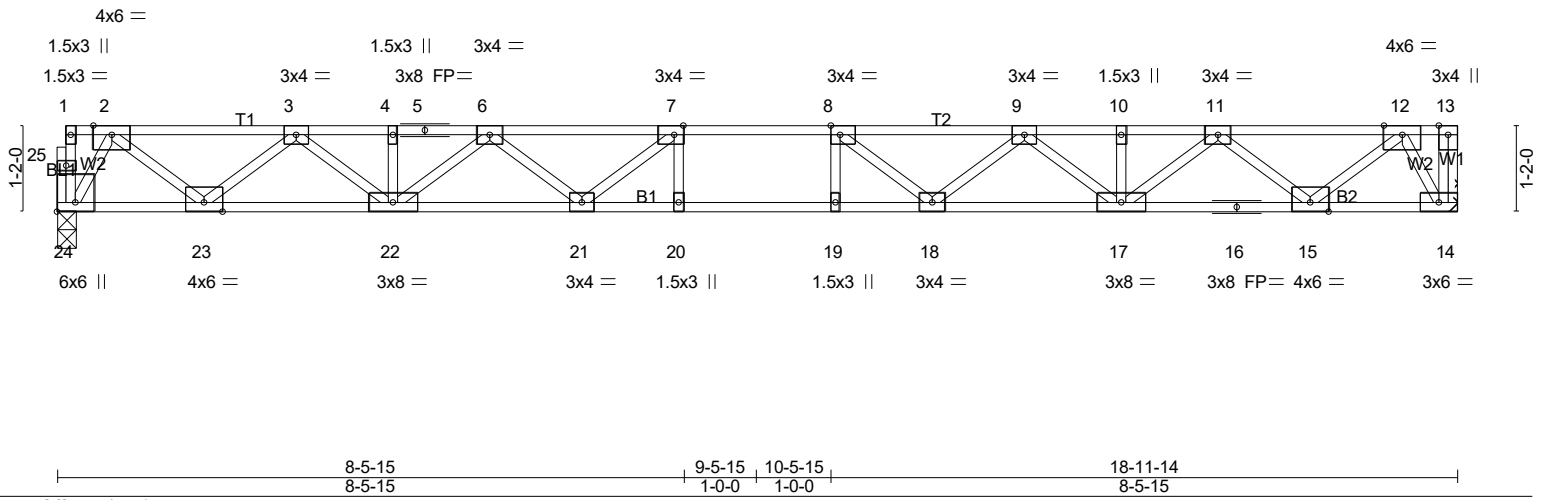
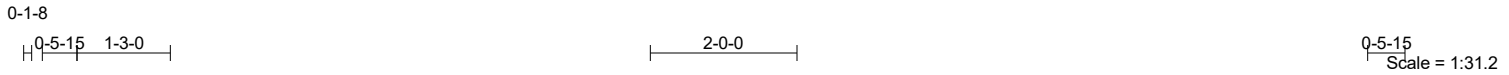


12/5/2024

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Job 24-7744-F02	Truss F213	Truss Type FLOOR	Qty 3	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Fri Dec 6 13:15:15 2024 Page 1
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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	1-9-0	TC 0.49	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.95	Vert(LL) -0.31 19-20 >717 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.54	Vert(CT) -0.43 19-20 >520 360		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.07 14 n/a n/a		
	Code IRC2021/TPI2014			Weight: 98 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 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 2-2-0 oc bracing.

REACTIONS. (lb/size) 24=896/0-3-6 (min. 0-1-8), 14=902/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1426/0, 3-4=-2919/0, 4-5=-2919/0, 5-6=-2919/0, 6-7=-3750/0, 7-8=-4025/0, 8-9=-3750/0, 9-10=-2919/0, 10-11=-2919/0, 11-12=-1426/0
BOT CHORD 23-24=0/553, 22-23=0/2274, 21-22=0/3467, 20-21=0/4025, 19-20=0/4025, 18-19=0/4025, 17-18=0/3467, 16-17=0/2274, 15-16=0/2274, 14-15=0/553
WEBS 7-21=-601/29, 6-21=0/475, 6-22=-700/0, 3-22=0/824, 3-23=-1103/0, 2-23=0/1136, 2-24=-1087/0, 8-18=-601/30, 9-18=0/475, 9-17=-700/0, 11-17=0/824, 11-15=-1103/0, 12-15=0/1136, 12-14=-1082/0

NOTES- (5)
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) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



12/5/2024

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Job 24-7744-F02	Truss F214	Truss Type FLOOR	Qty 1	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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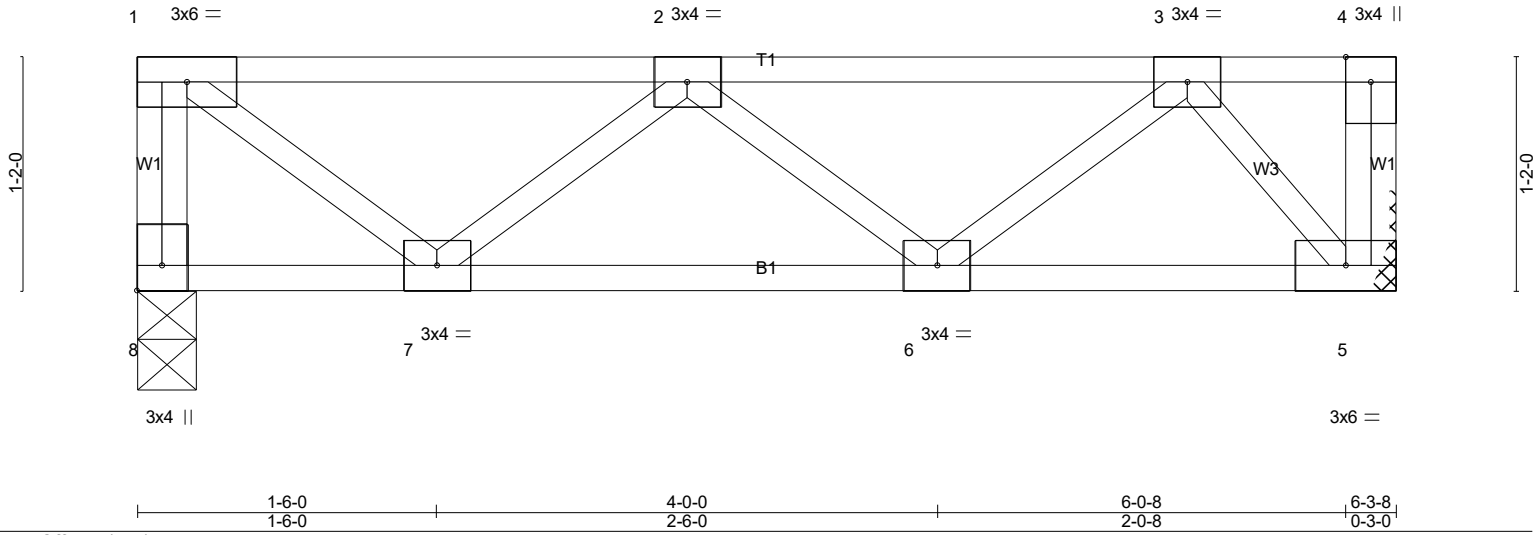


Plate Offsets (X,Y)-- [8:Edge,0-1-8]										
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00		TC 0.28	Vert(LL) -0.01	6	>999	480		MT20	244/190
TCDL 10.0	Lumber DOL 1.00		BC 0.12	Vert(CT) -0.01	6-7	>999	360			
BCLL 0.0	Rep Stress Incr YES		WB 0.18	Horz(CT) 0.00	5	n/a	n/a			
BCDL 5.0	Code IRC2021/TPI2014		Matrix-P							Weight: 35 lb FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 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) 8=332/0-3-8 (min. 0-1-8), 5=332/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-8=-327/0, 1-2=-295/0, 2-3=-422/0
BOT CHORD 6-7=0/538, 5-6=0/275
WEBS 1-7=0/370, 2-7=-317/0, 3-5=-416/0

NOTES- (3)
1) Refer to girder(s) for truss to truss connections.
2) 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



12/5/2024

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Job 24-7744-F02	Truss F216	Truss Type FLOOR SUPPORTED GABL	Qty 1	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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1-3-0

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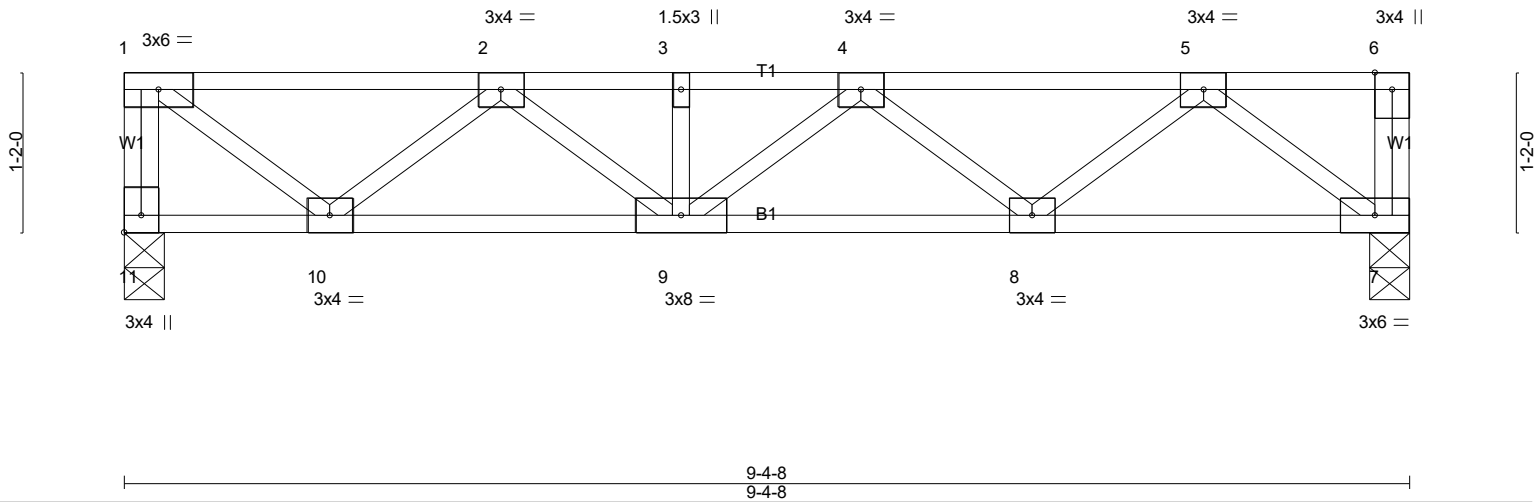


Plate Offsets (X,Y)-- [11:Edge,0-1-8]

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 0.32	Vert(LL)	-0.02	9	>999	480	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.24	Vert(CT)	-0.03	8-9	>999	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.31	Horz(CT)	0.01	7	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH							
									Weight: 51 lb	FT = 20%F, 11%E

LUMBER-

TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 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, Except: 6-0-0 oc bracing: 10-11.

REACTIONS. (lb/size) 11=502/0-3-8 (min. 0-1-8), 7=502/0-3-8 (min. 0-1-8)
Max Uplift 11=-56(LC 6), 7=-56(LC 7)
Max Grav 11=528(LC 3), 7=528(LC 2)

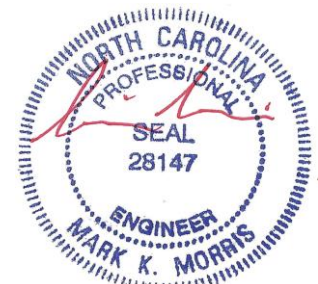
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 1-11=-523/60, 1-2=-562/78, 2-3=-1072/0, 3-4=-1072/0, 4-5=-870/6
BOT CHORD 9-10=-14/954, 8-9=0/1109, 7-8=-75/627
WEBS 1-10=-121/723, 2-10=-648/149, 2-9=-206/315, 4-9=-253/254, 4-8=-434/199, 5-8=-153/479, 5-7=-804/118

NOTES- (5)

- Unbalanced floor live loads have been considered for this design.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint 11 and 56 lb uplift at joint 7.
- This truss has been designed for a total drag load of 150 plf. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 9-4-8 for 150.0 plf.
- 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

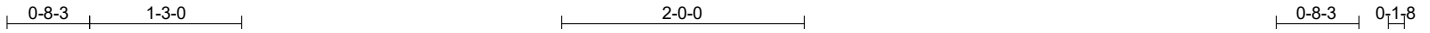


12/5/2024

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Job 24-7744-F02	Truss F217	Truss Type Floor	Qty 3	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Fri Dec 6 13:15:16 2024 Page 1
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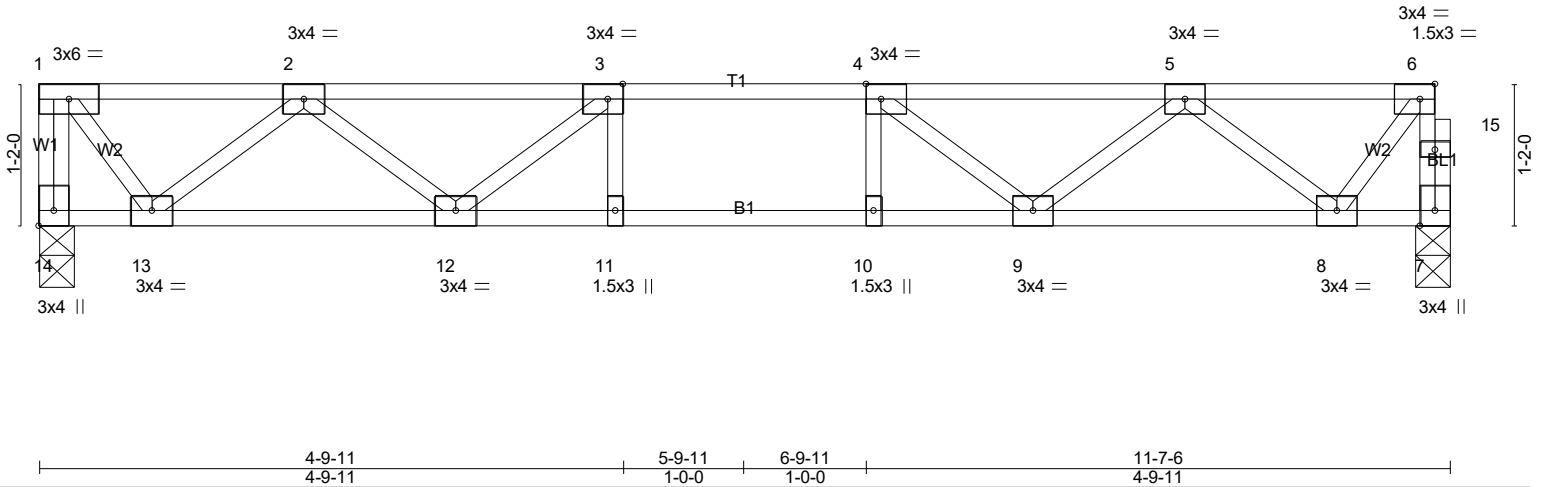


Plate Offsets (X,Y)-- [3:0-1-8,Edge], [4:0-1-8,Edge], [6:0-1-8,Edge], [14:Edge,0-1-8]					
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.26	Vert(LL) -0.08 9-10 >999 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.50	Vert(CT) -0.09 9-10 >999 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.33	Horz(CT) 0.02 7 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			
				Weight: 60 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 SP No.1(flat)
BOT CHORD 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) 14=625/0-3-8 (min. 0-1-8), 7=619/0-3-6 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-14=-624/0, 7-15=-619/0, 6-15=-618/0, 1-2=-424/0, 2-3=-1373/0, 3-4=-1681/0, 4-5=-1373/0, 5-6=-426/0
BOT CHORD 12-13=0/1056, 11-12=0/1681, 10-11=0/1681, 9-10=0/1681, 8-9=0/1055
WEBS 3-12=-476/0, 2-12=0/413, 2-13=-822/0, 1-13=0/693, 4-9=-476/0, 5-9=0/414, 5-8=-818/0, 6-8=0/669

NOTES- (4)
1) Unbalanced floor live loads have been considered for this design.
2) 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.
3) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



12/5/2024

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Job 24-7744-F02	Truss F218	Truss Type Floor Supported Gable	Qty 1	Ply 1	LOT 0.0011 CAMPBELL RIDGE 290 ALDEN WAY ANGIER, NC Job Reference (optional) # 54777
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0₁-8

0₁-8

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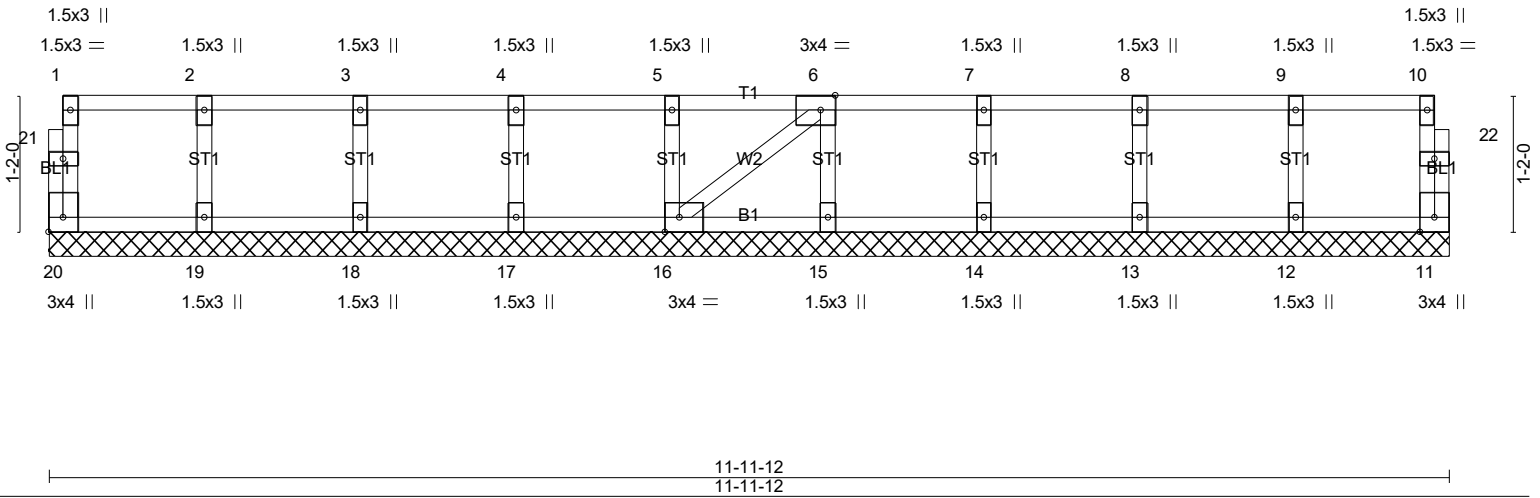


Plate Offsets (X,Y)-- [6:0-1-8,Edge], [16:0-1-8,Edge], [20:Edge,0-1-8]

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 0.06	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	11	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH						Weight: 53 lb	FT = 20%F, 11%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 11-11-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 20, 11, 19, 18, 17, 16, 15, 14, 13, 12

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

NOTES- (5)
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) 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



12/5/2024

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