

# Mark Morris, P.E.

#126, 1317-M, Summerville, SC 29483

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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 #: 54647

JOB: 24-9832-F02

JOB NAME: LOT 0.0035 HONEYCUTT HILLS

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, F206, F207, F208, F209, F210, F211, F212, F213, F214, F215, F216, F217, F218, F219, F221



**11/27/2024**

**Mark Morris**

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

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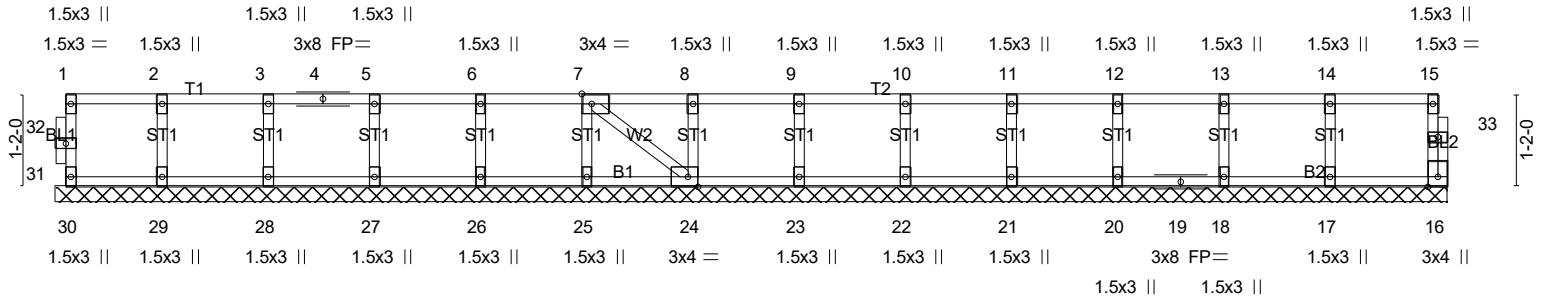
Job	Truss	Truss Type	Qty	Ply	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
24-9832-F02	F201	GABLE	1	1	
					<b># 54647</b>

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Wed Nov 27 20:46:53 2024 Page 1  
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0<sub>1</sub>-8

0<sub>1</sub>-8

Scale = 1:28.9



1-4-0	2-8-0	4-0-0	5-4-0	6-8-0	8-0-0	9-4-0	10-8-0	12-0-0	13-4-0	14-8-0	16-0-0	17-5-12
1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-5-12

Plate Offsets (X,Y)-- [7:0-1-8,Edge], [24:0-1-8,Edge]

<b>LOADING</b> (psf)	<b>SPACING-</b>	1-7-3	<b>CSI.</b>	<b>DEFL.</b>	in	(loc)	l/defl	L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL	1.00	TC 0.05	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	16	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH						Weight: 75 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)

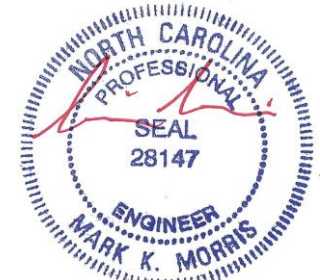
**BRACING-**  
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.  
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

**REACTIONS.** All bearings 17-5-12.  
 (lb) - Max Grav All reactions 250 lb or less at joint(s) 30, 16, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 18, 17

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

- NOTES-** (6-9)
- 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.
  - Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAINING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard



11/27/2024

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Job	Truss	Truss Type	Qty	Ply	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
24-9832-F02	F202	FLOOR	6	1	
					<b># 54647</b>

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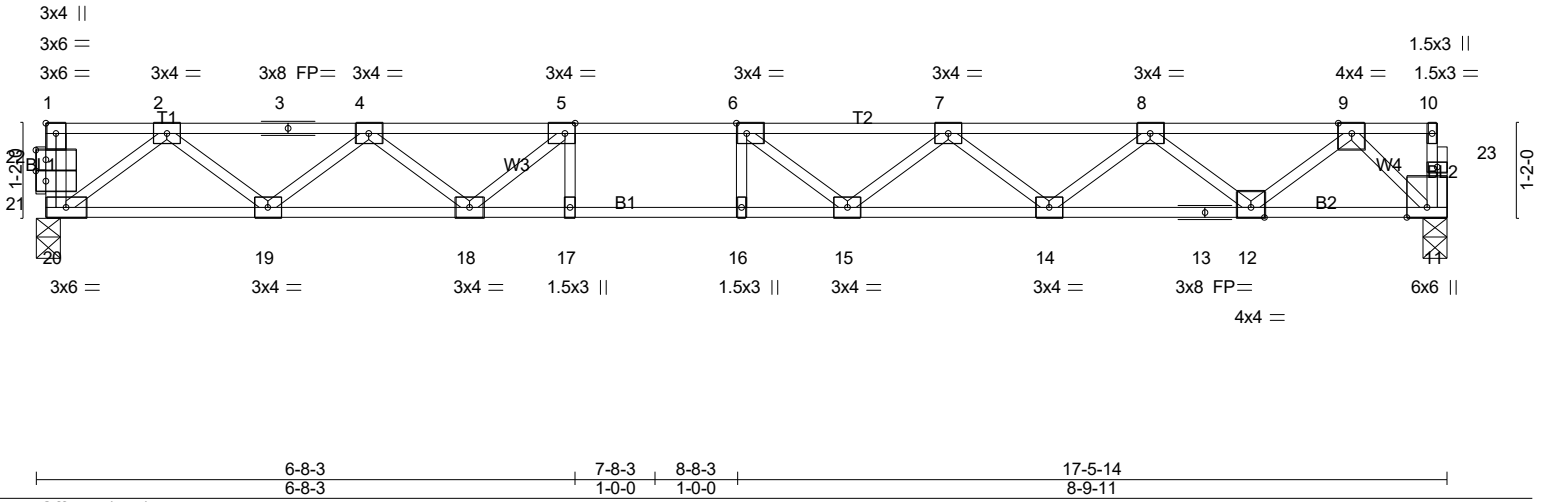


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [5:0-1-8,Edge], [6:0-1-8,Edge], [21:0-1-8,0-1-8], [22:0-1-8,0-1-7]					
<b>LOADING</b> (psf)	<b>SPACING-</b> 1-7-3	<b>CSI.</b>	<b>DEFL.</b> in (loc) l/defl L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL 1.00	TC 0.50	Vert(LL) -0.24 15-16 >839 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.98	Vert(CT) -0.34 15-16 >611 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.42	Horz(CT) 0.05 11 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			
				Weight: 87 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)

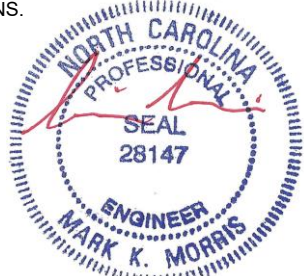
**BRACING-**  
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.  
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 16-17,15-16.

**REACTIONS.** (lb/size) 20=753/0-3-8 (min. 0-1-8), 11=748/0-3-8 (min. 0-1-8)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD 2-3=-1578/0, 3-4=-1578/0, 4-5=-2566/0, 5-6=-3011/0, 6-7=-2985/0, 7-8=-2472/0, 8-9=-1415/0  
 BOT CHORD 19-20=0/940, 18-19=0/2181, 17-18=0/3011, 16-17=0/3011, 15-16=0/3011, 14-15=0/2868, 13-14=0/2061, 12-13=0/2061, 11-12=0/742  
 WEBS 2-20=-1179/0, 2-19=0/831, 4-19=-785/0, 4-18=0/531, 5-18=-696/0, 6-15=-322/191, 7-15=0/289, 7-14=-515/0, 8-14=0/535, 8-12=-841/0, 9-12=0/876, 9-11=-1040/0

- NOTES-** (4-7)
- 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.
  - 4) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - 5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - 6) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - 7) SEE BCSI-B3 SUMMARY SHEET - PERMANENT RESTRAINING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard



11/27/2024

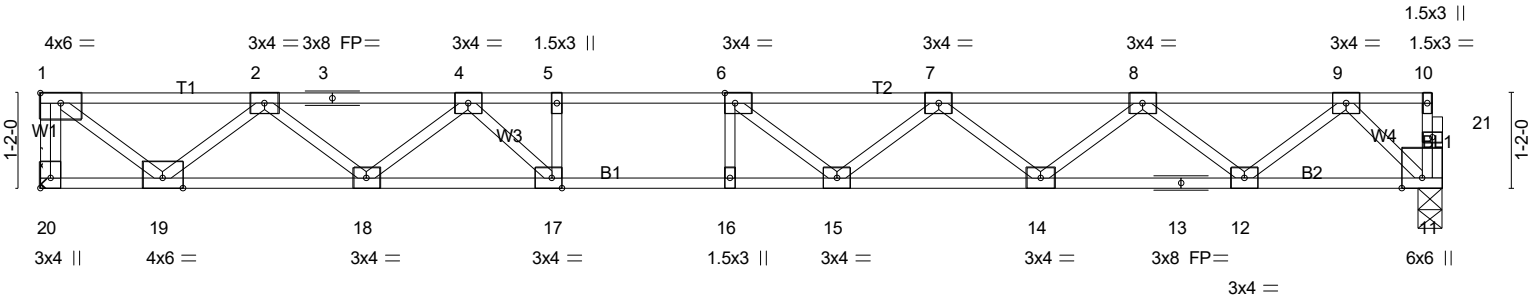
**Warning!**—Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – 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 24-9832-F02	Truss F202A	Truss Type Floor	Qty 1	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC	# 54647
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Scale = 1:28.3



1-6-0	4-0-0	6-3-5	6-4-13	8-4-13	9-9-5	12-3-5	14-9-5	16-11-8	17-2-8
1-6-0	2-6-0	2-3-5	0-1-8	1-0-0	1-4-8	2-6-0	2-6-0	2-2-3	0-3-0

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [6:0-1-8,Edge], [17:0-1-8,Edge], [20:Edge,0-1-8]

<b>LOADING</b> (psf)	<b>SPACING-</b>	1-7-3	<b>CSI.</b>	<b>DEFL.</b>	in (loc)	l/defl	L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL 1.00		TC 0.57	Vert(LL) -0.25	15-16	>830	480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00		BC 0.94	Vert(CT) -0.34	15-16	>606	360		
BCLL 0.0	Rep Stress Incr YES		WB 0.52	Horz(CT) 0.05	11	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH						
								Weight: 86 lb	FT = 20%F, 11%E

<b>LUMBER-</b>	<b>BRACING-</b>
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, Except: 2-2-0 oc bracing: 16-17.
WEBS 2x4 SP No.3(flat)	

**REACTIONS.** (lb/size) 20=746/Mechanical, 11=741/0-3-8 (min. 0-1-8)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
TOP CHORD 1-20=-743/0, 1-2=-872/0, 2-3=-2095/0, 3-4=-2095/0, 4-5=-2943/0, 5-6=-2943/0, 6-7=-2935/0, 7-8=-2440/0, 8-9=-1400/0  
BOT CHORD 18-19=0/1632, 17-18=0/2580, 16-17=0/2943, 15-16=0/2943, 14-15=0/2830, 13-14=0/2037, 12-13=0/2037, 11-12=0/735  
WEBS 5-17=-310/0, 1-19=0/1094, 2-19=-989/0, 2-18=0/603, 4-18=-631/0, 4-17=0/680, 6-15=-296/193, 7-15=0/281, 7-14=-507/0, 8-14=0/525, 8-12=-830/0, 9-12=0/865, 9-11=-1031/0

- NOTES-** (5-8)
- Unbalanced floor live loads have been considered for this design.
  - Refer to girder(s) for truss connections.
  - 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.
  - Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard

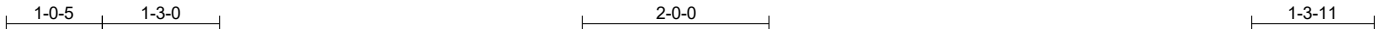


11/27/2024

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Job 24-9832-F02	Truss F203	Truss Type FLOOR	Qty 4	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC Job Reference (optional) <b># 54647</b>
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Scale = 1:24.6

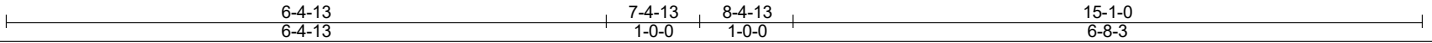
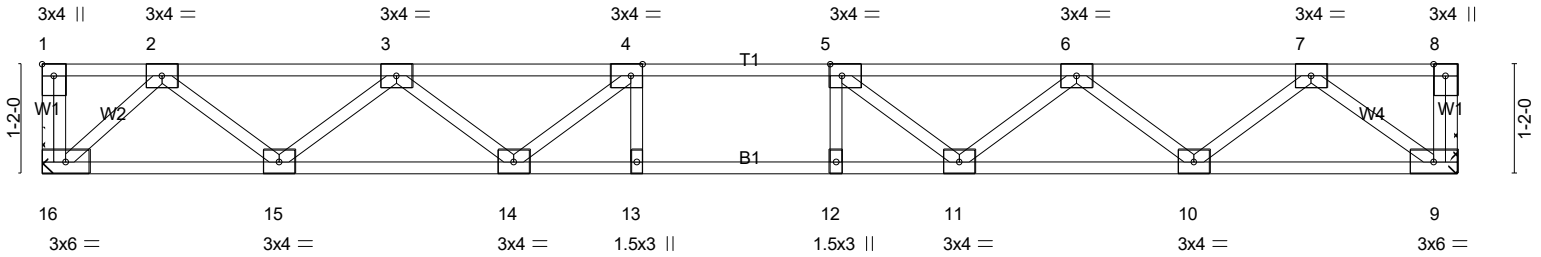


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [4:0-1-8,Edge], [5:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	1-7-3	TC 0.30	Vert(LL)	-0.13	11-12	>999	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.63	Vert(CT)	-0.17	11-12	>999		
BCLL 0.0	Lumber DOL 1.00	WB 0.34	Horz(CT)	0.03	9	n/a		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH						
	Code IRC2021/TPI2014						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)

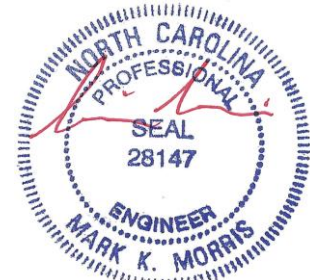
**BRACING-**  
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.  
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

**REACTIONS.** (lb/size) 16=652/Mechanical, 9=652/Mechanical

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
TOP CHORD 2-3=-1236/0, 3-4=-2024/0, 4-5=-2297/0, 5-6=-2079/0, 6-7=-1352/0  
BOT CHORD 15-16=0/688, 14-15=0/1756, 13-14=0/2297, 12-13=0/2297, 11-12=0/2297, 10-11=0/1845, 9-10=0/832  
WEBS 4-14=-482/0, 3-14=0/388, 3-15=-677/0, 2-15=0/713, 2-16=-928/0, 5-11=-433/0, 6-11=0/357, 6-10=-642/0, 7-10=0/677, 7-9=-1028/0

**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

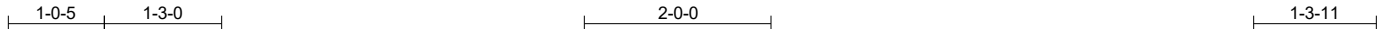


11/27/2024

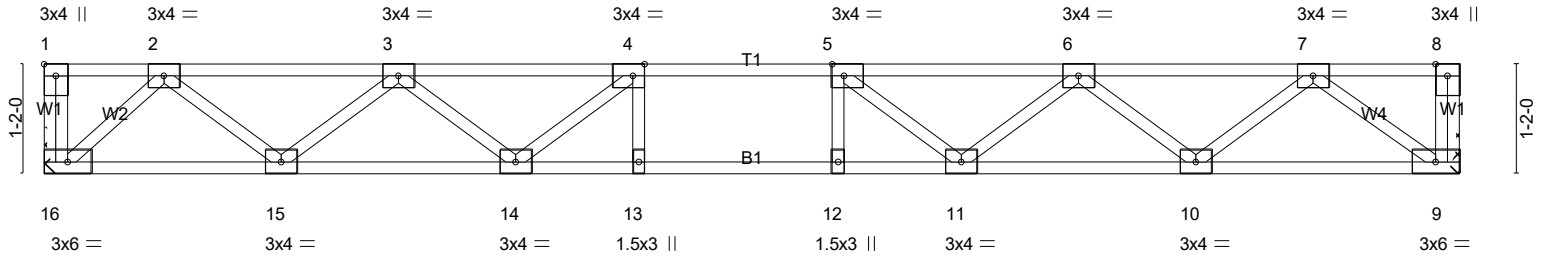
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Job 24-9832-F02	Truss F204	Truss Type FLOOR	Qty 3	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC Job Reference (optional) <b># 54647</b>
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Scale = 1:24.6



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]

<b>LOADING</b> (psf)	<b>SPACING-</b>	1-4-0	<b>CSI.</b>	<b>DEFL.</b>	in (loc)	l/defl	L/d	<b>PLATES</b>	<b>GRIP</b>
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

<b>LUMBER-</b>	<b>BRACING-</b>
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) 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=0/1916, 10-11=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



11/27/2024

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Job	Truss	Truss Type	Qty	Ply	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
24-9832-F02	F205	Floor	6	1	
					<b># 54647</b>

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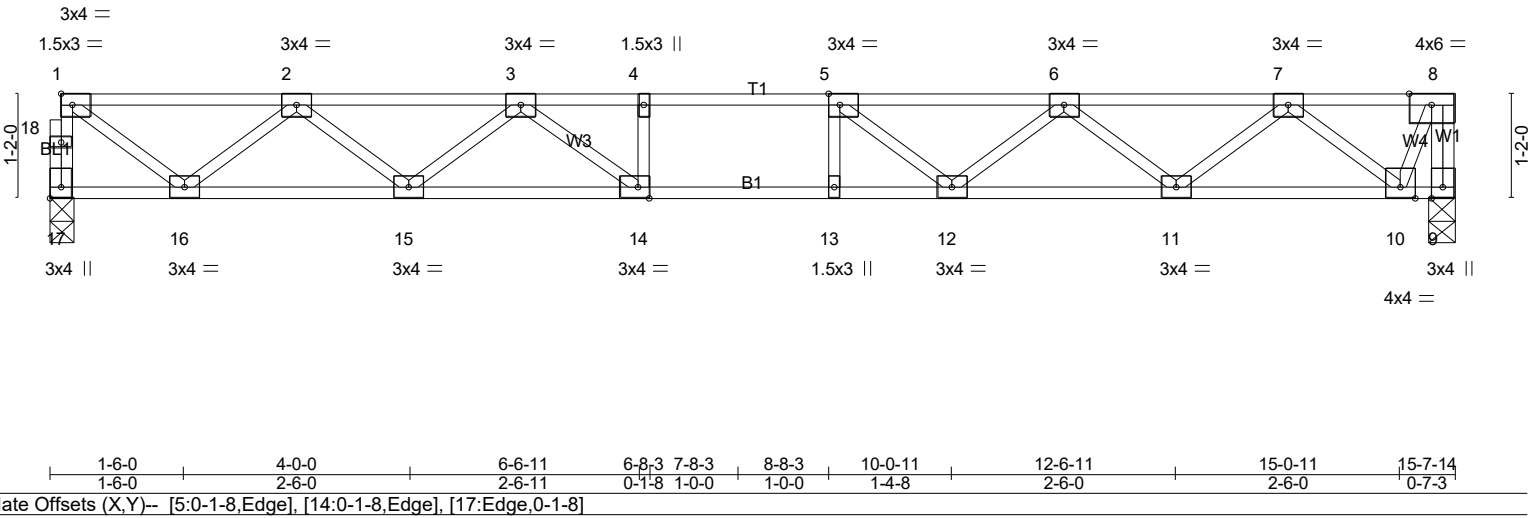
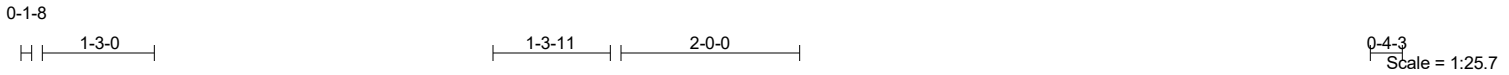


Plate Offsets (X,Y)-- [5:0-1-8,Edge], [14:0-1-8,Edge], [17:Edge,0-1-8]	
<b>LOADING</b> (psf)	<b>SPACING-</b> 1-4-0
TCLL 40.0	Plate Grip DOL 1.00
TCDL 10.0	Lumber DOL 1.00
BCLL 0.0	Rep Stress Incr YES
BCDL 5.0	Code IRC2021/TPI2014
	<b>CSI.</b>
	TC 0.29
	BC 0.54
	WB 0.37
	Matrix-SH
	<b>DEFL.</b> in (loc) l/defl L/d
	Vert(LL) -0.12 13 >999 480
	Vert(CT) -0.16 13 >999 360
	Horz(CT) 0.03 9 n/a n/a
	<b>PLATES</b> MT20
	<b>GRIP</b> 244/190
	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) 17=561/0-3-6 (min. 0-1-8), 9=565/0-3-8 (min. 0-1-8)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD 17-18=-558/0, 1-18=-557/0, 8-9=-566/0, 1-2=-649/0, 2-3=-1549/0, 3-4=-2062/0, 4-5=-2062/0, 5-6=-1887/0, 6-7=-1281/0  
 BOT CHORD 15-16=0/1218, 14-15=0/1865, 13-14=0/2062, 12-13=0/2062, 11-12=0/1691, 10-11=0/851  
 WEBS 1-16=0/787, 2-16=-740/0, 2-15=0/430, 3-15=-411/0, 3-14=0/418, 5-12=-363/0, 6-12=0/308, 6-11=-534/0, 7-11=0/559, 7-10=-798/0, 8-10=0/576

- NOTES-** (4-7)
- 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.
  - 4) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - 5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - 6) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - 7) SEE BCSI-B3 SUMMARY SHEET - PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard

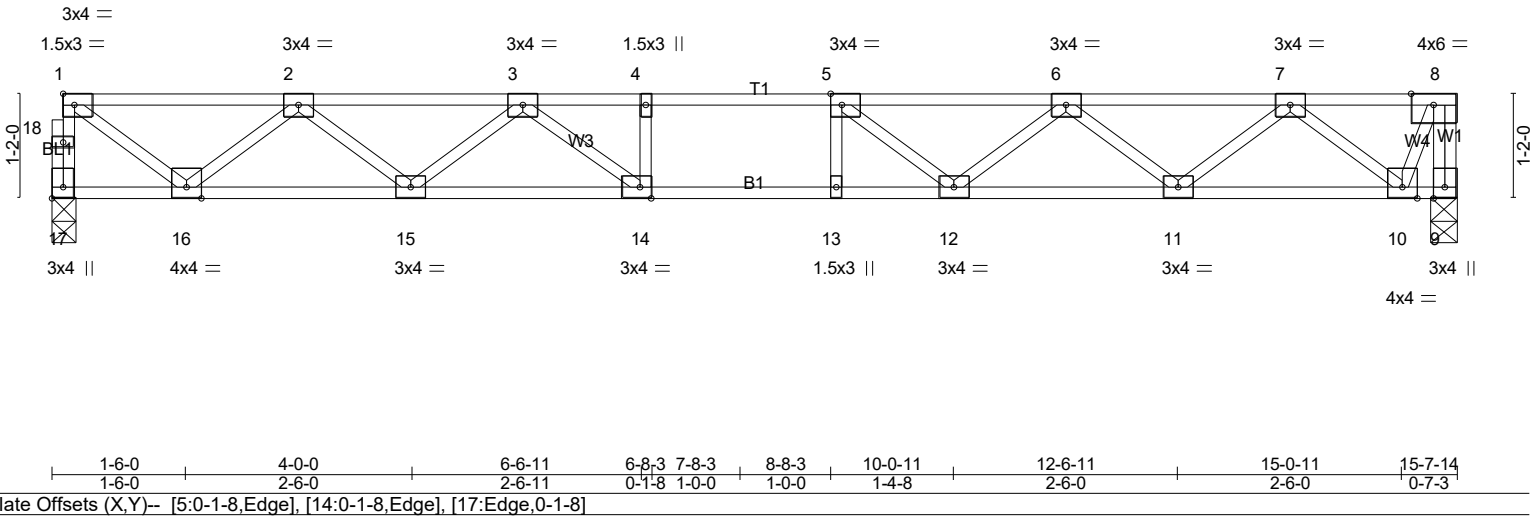
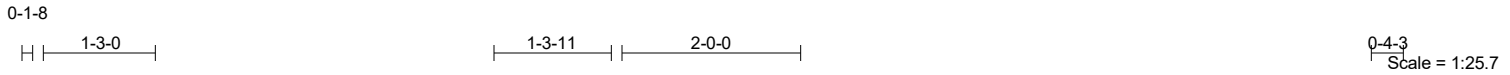


11/27/2024

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Job	Truss	Truss Type	Qty	Ply	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
24-9832-F02	F206	Floor	7	1	
					# 54647

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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 0.36	Vert(LL)	-0.14	13	>999	480	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.65	Vert(CT)	-0.19	13	>951	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.45	Horz(CT)	0.04	9	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH							
										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) 17=672/0-3-6 (min. 0-1-8), 9=677/0-3-8 (min. 0-1-8)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD 17-18=-669/0, 1-18=-668/0, 8-9=-679/0, 1-2=-779/0, 2-3=-1857/0, 3-4=-2473/0, 4-5=-2473/0, 5-6=-2263/0, 6-7=-1536/0, 7-8=-286/0  
 BOT CHORD 15-16=0/1461, 14-15=0/2236, 13-14=0/2473, 12-13=0/2473, 11-12=0/2028, 10-11=0/1021  
 WEBS 1-16=0/943, 2-16=-888/0, 2-15=0/516, 3-15=-493/0, 3-14=0/502, 5-12=-435/0, 6-12=0/370, 6-11=-640/0, 7-11=0/670, 7-10=-956/0, 8-10=0/691

- NOTES-** (4-7)
- 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.
  - Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - SEE BCSI-B3 SUMMARY SHEET - PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard



11/27/2024

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Job 24-9832-F02	Truss F207	Truss Type Floor Supported Gable	Qty 1	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC	# 54647
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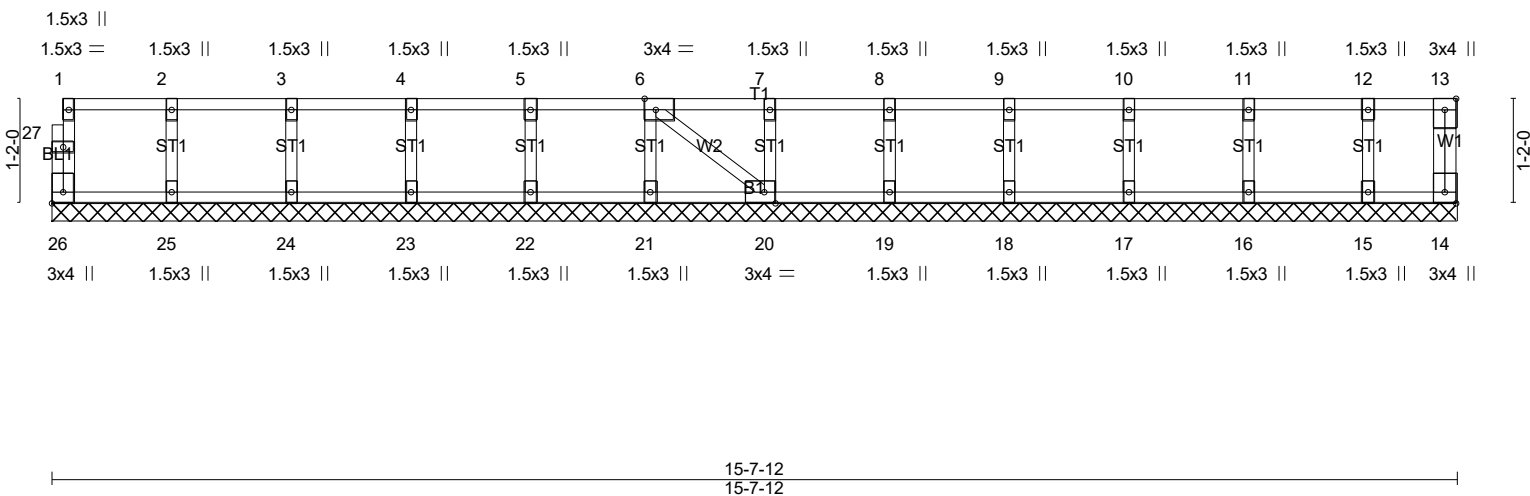


Plate Offsets (X,Y)-- [6:0-1-8,Edge], [14:Edge,0-1-8], [20:0-1-8,Edge], [26:Edge,0-1-8]					
<b>LOADING</b> (psf)	<b>SPACING-</b> 1-7-3	<b>CSI.</b>	<b>DEFL.</b> in (loc) l/defl L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL 1.00	TC 0.05	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 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

<b>LUMBER-</b>	<b>BRACING-</b>
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-** (6-9)
- 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.
  - Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAINING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard



11/27/2024

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Job	Truss	Truss Type	Qty	Ply	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
24-9832-F02	F208	FLOOR SUPPORTED GABL	1	1	Job Reference (optional) # 54647

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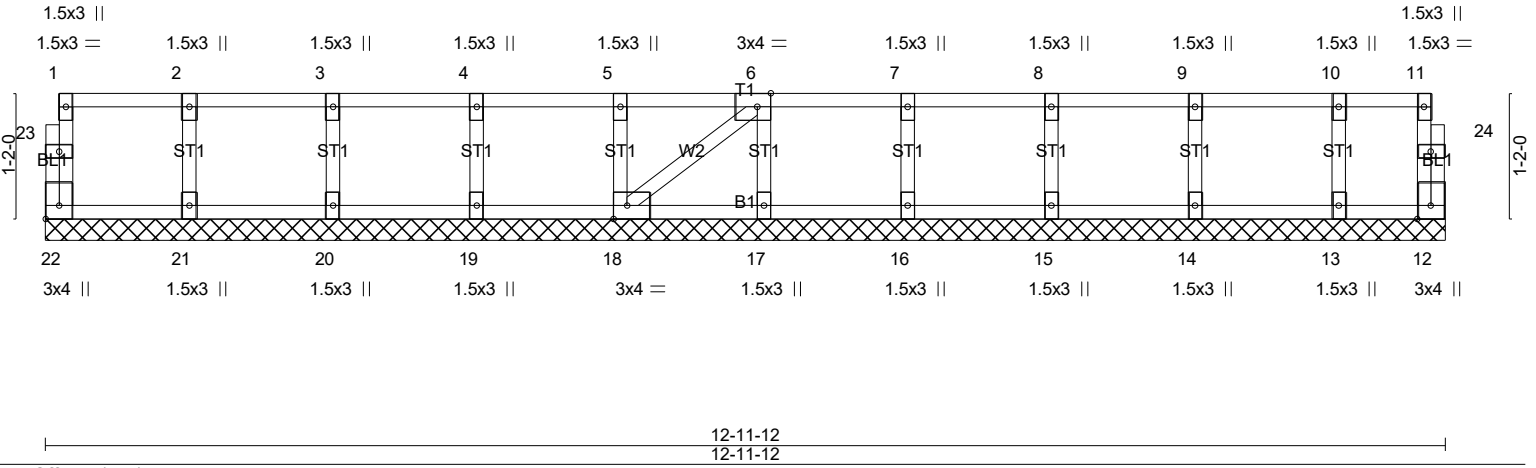


Plate Offsets (X,Y)-- [6:0-1-8,Edge], [18:0-1-8,Edge], [22:Edge,0-1-8]		12-11-12		12-11-12					
<b>LOADING</b> (psf)	<b>SPACING-</b>	1-7-3	<b>CSI.</b>	<b>DEFL.</b>	in (loc)	l/defl	L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL	1.00	TC 0.05	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.01	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 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



11/27/2024

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Job 24-9832-F02	Truss F209	Truss Type FLOOR	Qty 2	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC Job Reference (optional) <b># 54647</b>
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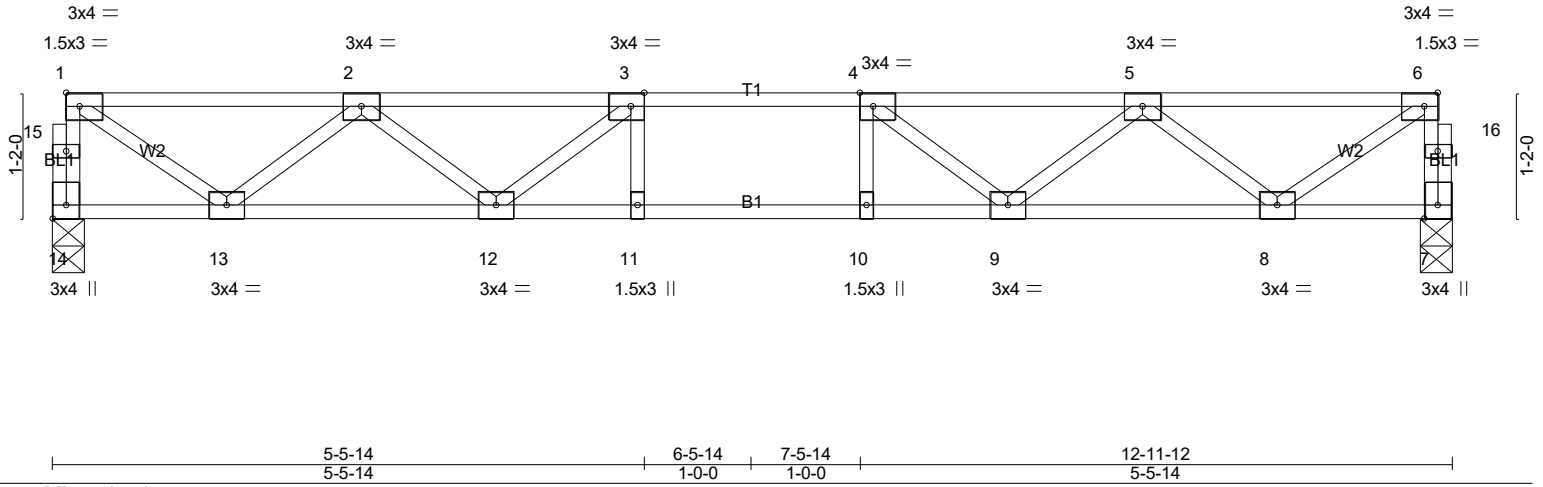
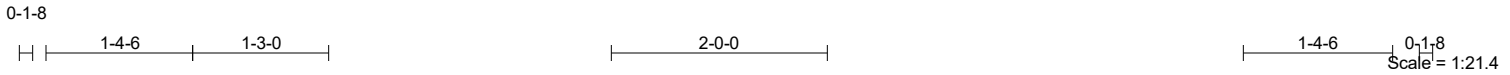


Plate Offsets (X,Y)-- [3:0-1-8,Edge], [4:0-1-8,Edge], [6:0-1-8,Edge], [14:Edge,0-1-8]					
<b>LOADING</b> (psf)	<b>SPACING-</b> 1-7-3	<b>CSI.</b>	<b>DEFL.</b> in (loc) l/defl L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL 1.00	TC 0.25	Vert(LL) -0.08 9-10 >999 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.47	Vert(CT) -0.10 9-10 >999 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.37	Horz(CT) 0.02 7 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			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=555/0-3-6 (min. 0-1-8), 7=555/0-3-6 (min. 0-1-8)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
TOP CHORD 14-15=-550/0, 1-15=-549/0, 7-16=-550/0, 6-16=-549/0, 1-2=-668/0, 2-3=-1449/0, 3-4=-1686/0, 4-5=-1449/0, 5-6=-668/0  
BOT CHORD 12-13=0/1204, 11-12=0/1686, 10-11=0/1686, 9-10=0/1686, 8-9=0/1204  
WEBS 3-12=-405/0, 2-12=0/341, 2-13=-697/0, 1-13=0/786, 4-9=-405/0, 5-9=0/341, 5-8=-697/0, 6-8=0/786

**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

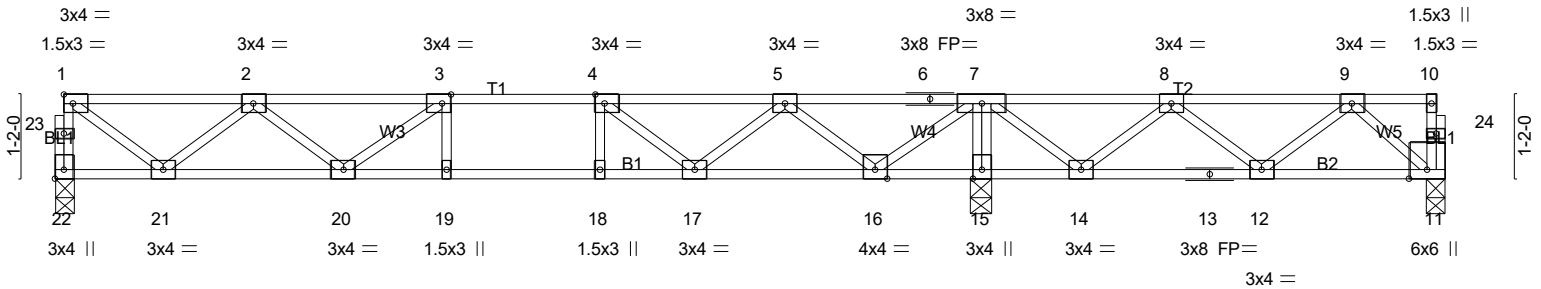


11/27/2024

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Job	Truss	Truss Type	Qty	Ply	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
24-9832-F02	F210	Floor	3	1	# 54647

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1-6-0	4-0-0	5-5-14	6-5-14	7-5-14	8-10-6	11-4-6	12-10-2	14-2-10	16-8-10	19-0-2	19-3-2
1-6-0	2-6-0	1-5-14	1-0-0	1-0-0	1-4-8	2-6-0	1-5-12	1-4-8	2-6-0	2-3-8	0-3-0

Plate Offsets (X,Y)-- [3:0-1-8,Edge], [4:0-1-8,Edge], [22:Edge,0-1-8]

LOADING (psf)	SPACING-	1-7-3	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC 0.30	Vert(LL)	-0.08 19-20	>999	480	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.52	Vert(CT)	-0.11 19-20	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.42	Horz(CT)	0.01 15	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH						
								Weight: 97 lb	FT = 20%F, 11%E

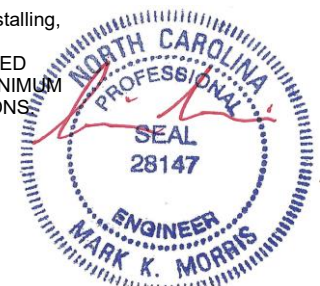
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.1(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.1(flat)	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3(flat)	

**REACTIONS.** (lb/size) 22=486/0-3-6 (min. 0-1-8), 15=1042/0-3-8 (min. 0-1-8), 11=134/0-3-4 (min. 0-1-8)  
Max Uplift 11=-52(LC 3)  
Max Grav 22=491(LC 3), 15=1042(LC 1), 11=223(LC 4)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
TOP CHORD 22-23=-486/0, 1-23=-485/0, 1-2=-542/0, 2-3=-1186/0, 3-4=-1304/0, 4-5=-921/0, 5-6=-103/251, 6-7=-103/251, 7-8=-29/514, 8-9=-263/187  
BOT CHORD 20-21=0/1018, 19-20=0/1304, 18-19=0/1304, 17-18=0/1304, 16-17=0/583, 15-16=-877/0, 14-15=-880/0, 13-14=-335/279, 12-13=-335/279  
WEBS 7-15=-1020/0, 1-21=0/655, 2-21=-619/0, 4-17=-508/0, 5-17=0/453, 5-16=-765/0, 7-16=0/878, 7-14=0/517, 8-14=-475/0, 9-11=-295/91

- NOTES-** (5-8)
- Unbalanced floor live loads have been considered for this design.
  - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 52 lb uplift at joint 11.
  - 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.
  - Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAINING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard



11/27/2024

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Job	Truss	Truss Type	Qty	Ply	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
24-9832-F02	F211	Floor	5	1	
					<b># 54647</b>

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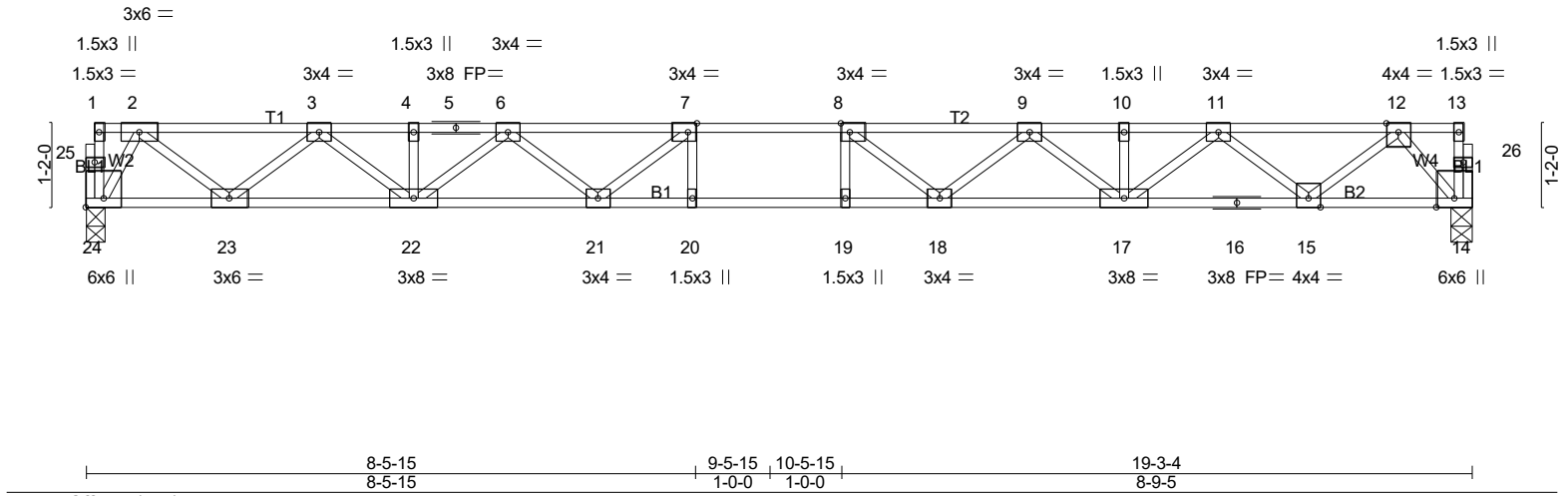
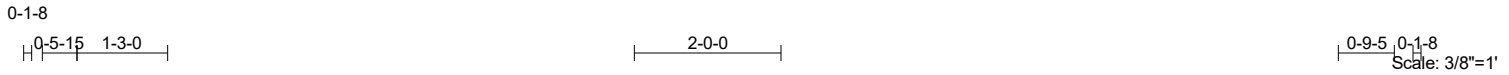


Plate Offsets (X,Y)-- [7:0-1-8,Edge], [8:0-1-8,Edge], [24:Edge,0-3-0]					
<b>LOADING</b> (psf)	<b>SPACING-</b> 1-7-3	<b>CSI.</b>	<b>DEFL.</b> in (loc) l/defl L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL 1.00	TC 0.46	Vert(LL) -0.31 19-20 >747 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.92	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

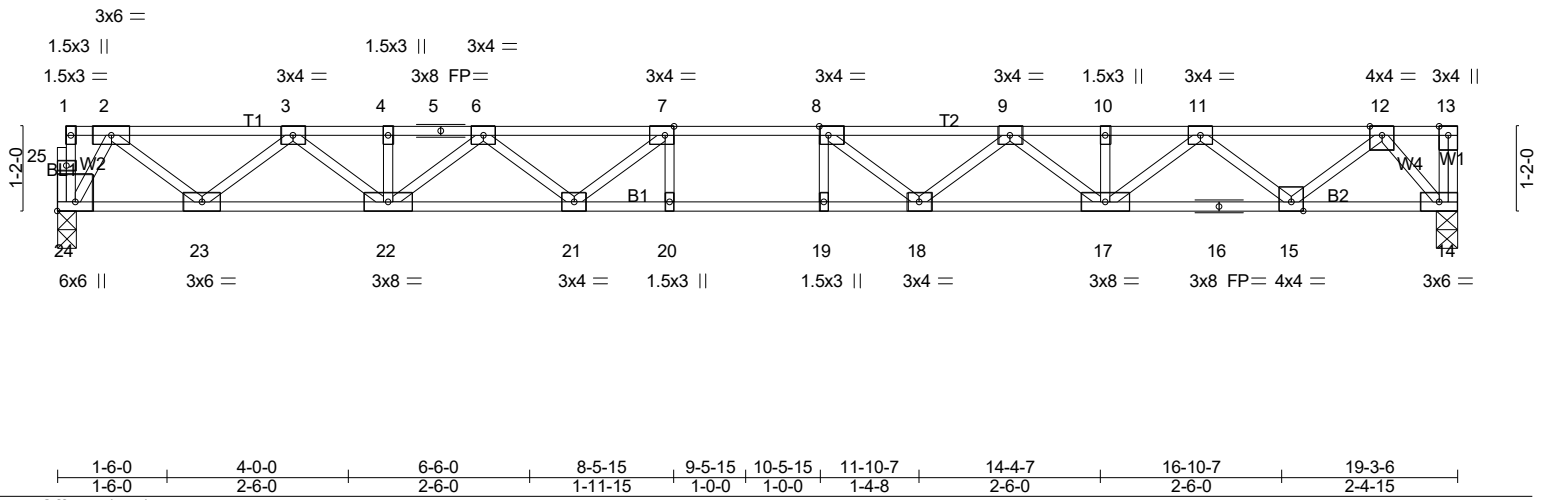
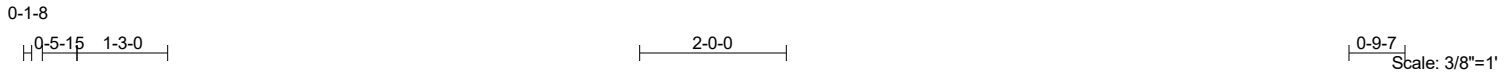


11/27/2024

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Job	Truss	Truss Type	Qty	Ply	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
24-9832-F02	F212	Floor	5	1	
					# 54647

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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	1-7-3	TC 0.46	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.92	Vert(LL) -0.31 19-20 >745 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.50	Vert(CT) -0.42 19-20 >541 360		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.07 14 n/a n/a		
	Code IRC2021/TPI2014			Weight: 99 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)

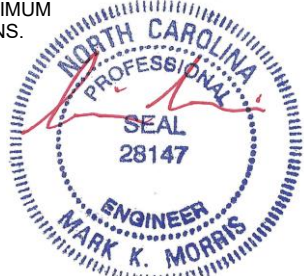
**BRACING-**  
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.  
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 19-20.

**REACTIONS.** (lb/size) 14=837/0-3-8 (min. 0-1-8), 24=832/0-3-6 (min. 0-1-8)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD 2-3=-1326/0, 3-4=-2722/0, 4-5=-2722/0, 5-6=-2722/0, 6-7=-3512/0, 7-8=-3792/0, 8-9=-3570/0, 9-10=-2841/0, 10-11=-2841/0, 11-12=-1510/0  
 BOT CHORD 23-24=0/513, 22-23=0/2116, 21-22=0/3236, 20-21=0/3792, 19-20=0/3792, 18-19=0/3792, 17-18=0/3330, 16-17=0/2270, 15-16=0/2270, 14-15=0/725  
 WEBS 7-21=-581/9, 6-21=0/455, 8-18=-531/59, 9-18=0/423, 9-17=-624/0, 6-22=-656/0, 3-22=0/774, 3-23=-1028/0, 2-23=0/1058, 2-24=-1008/0, 11-17=0/730, 11-15=-989/0, 12-15=0/1022, 12-14=-1101/0

- NOTES-** (4-7)
- 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.
  - Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard



11/27/2024

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Job 24-9832-F02	Truss F213	Truss Type FLOOR	Qty 4	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC	# 54647
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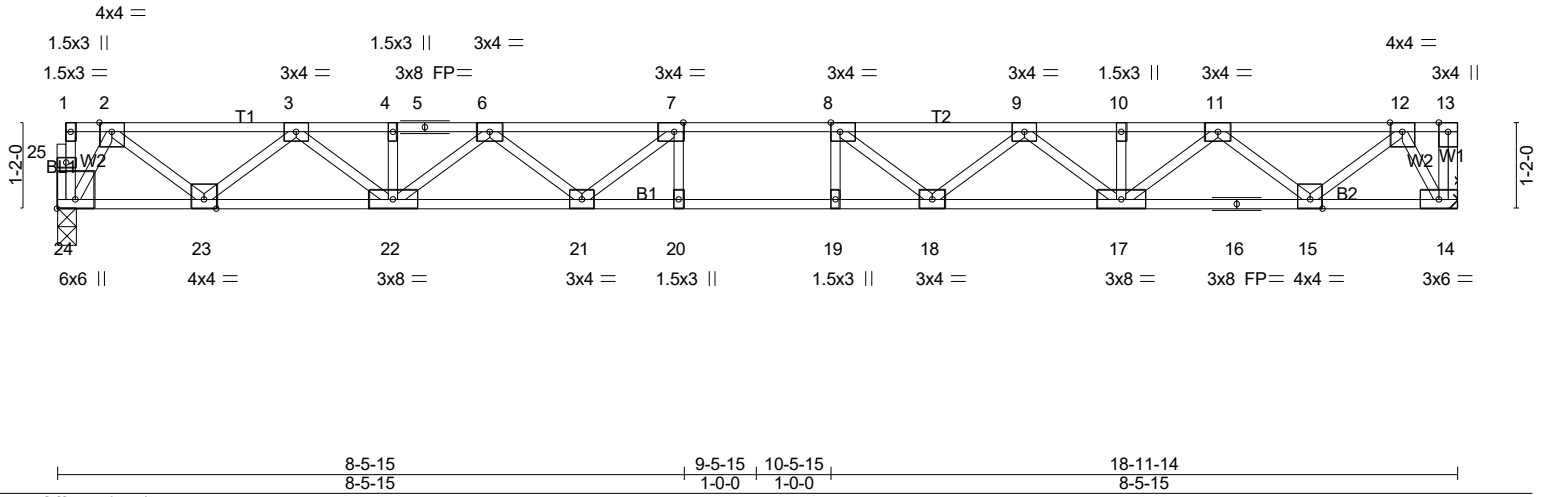
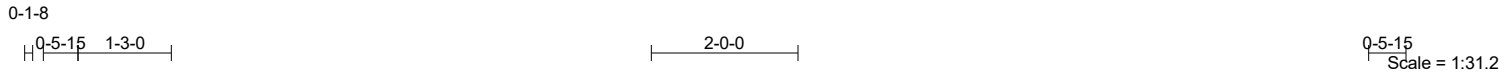


Plate Offsets (X,Y)-- [7:0-1-8,Edge], [8:0-1-8,Edge], [24:Edge,0-3-0]					
<b>LOADING</b> (psf)	<b>SPACING-</b> 1-7-3	<b>CSI.</b>	<b>DEFL.</b> in (loc) l/defl L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL 1.00	TC 0.43	Vert(LL) -0.29 19-20 >785 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.87	Vert(CT) -0.40 19-20 >569 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.49	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.

**REACTIONS.** (lb/size) 24=819/0-3-6 (min. 0-1-8), 14=824/Mechanical

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
TOP CHORD 2-3=-1303/0, 3-4=-2667/0, 4-5=-2667/0, 5-6=-2667/0, 6-7=-3426/0, 7-8=-3678/0, 8-9=-3426/0, 9-10=-2667/0, 10-11=-2667/0, 11-12=-1303/0  
BOT CHORD 23-24=0/505, 22-23=0/2077, 21-22=0/3168, 20-21=0/3678, 19-20=0/3678, 18-19=0/3678, 17-18=0/3168, 16-17=0/2077, 15-16=0/2077, 14-15=0/506  
WEBS 7-21=-549/27, 6-21=0/434, 6-22=-640/0, 3-22=0/753, 3-23=-1008/0, 2-23=0/1038, 2-24=-994/0, 8-18=-549/27, 9-18=0/434, 9-17=-640/0, 11-17=0/752, 11-15=-1008/0, 12-15=0/1038, 12-14=-989/0

**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

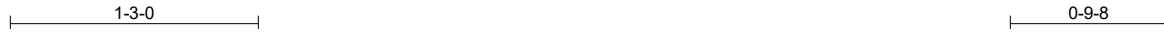


11/27/2024

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Job 24-9832-F02	Truss F214	Truss Type FLOOR	Qty 1	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
					Job Reference (optional) <b># 54647</b>

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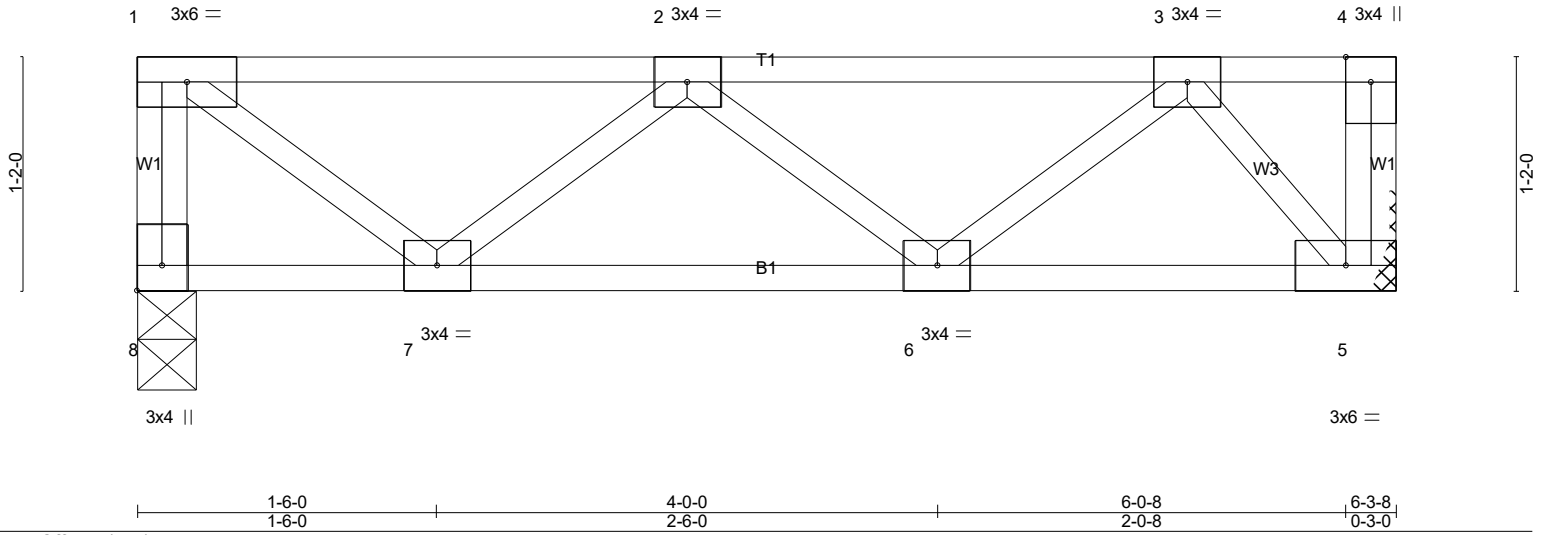


Plate Offsets (X,Y)-- [8:Edge,0-1-8]

<b>LOADING</b> (psf)	<b>SPACING-</b> 2-0-0	<b>CSI.</b>	<b>DEFL.</b> in (loc)	<b>PLATES</b>	<b>GRIP</b>
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



11/27/2024

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Job 24-9832-F02	Truss F215	Truss Type FLOOR	Qty 7	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
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# 54647

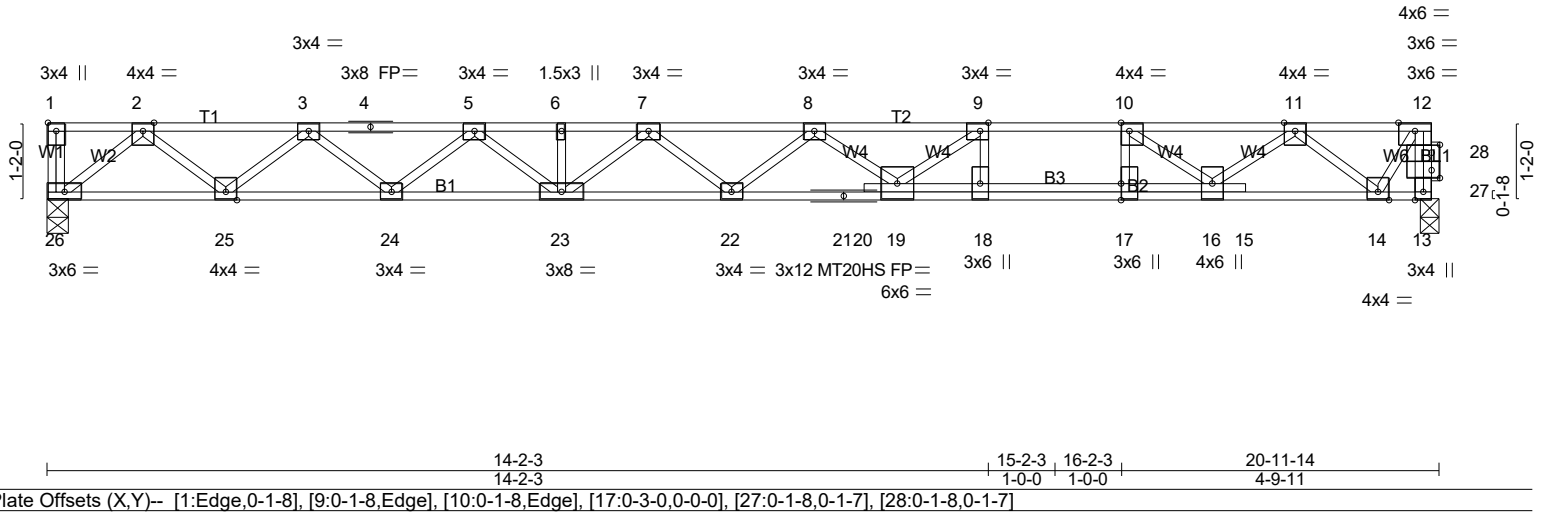
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0-1-8

1-2-3 | 1-3-0

2-0-0

0-6-11 | Scale = 1:34.7



<b>LOADING</b> (psf)	<b>SPACING-</b>	1-4-0	<b>CSI.</b>	<b>DEFL.</b>	in (loc)	l/defl	L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL	1.00	TC 0.54	Vert(LL)	-0.38	22	>643	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.83	Vert(CT)	-0.53	22-23	>468	MT20HS	187/143
BCLL 0.0	Rep Stress Incr	YES	WB 0.43	Horz(CT)	0.07	13	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH						Weight: 114 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) 26=756/0-3-8 (min. 0-1-8), 13=756/0-3-8 (min. 0-1-8)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
TOP CHORD 13-27=-734/0, 27-28=-761/0, 12-28=-734/0, 2-3=-1603/0, 3-4=-2739/0, 4-5=-2739/0, 5-6=-3478/0, 6-7=-3478/0, 7-8=-3693/0, 8-9=-3549/0, 9-10=-3101/0, 10-11=-1975/0, 11-12=-463/0  
BOT CHORD 25-26=0/906, 24-25=0/2277, 23-24=0/3185, 22-23=0/3667, 21-22=0/3752, 20-21=0/3752, 19-20=0/3729, 18-19=0/3101, 17-18=0/3101, 16-17=0/3101, 15-16=0/1271, 14-15=0/1280  
WEBS 9-18=-481/0, 10-17=0/659, 9-19=0/664, 8-19=-302/45, 5-23=0/374, 5-24=-581/0, 3-24=0/601, 3-25=-877/0, 2-25=0/907, 2-26=-1158/0, 10-16=-1405/0, 11-16=0/883, 11-14=-1065/0, 12-14=0/844

- NOTES-** (5)  
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.

**LOAD CASE(S)** Standard



11/27/2024

**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 24-9832-F02	Truss F216	Truss Type GABLE	Qty 1	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC	# 54647
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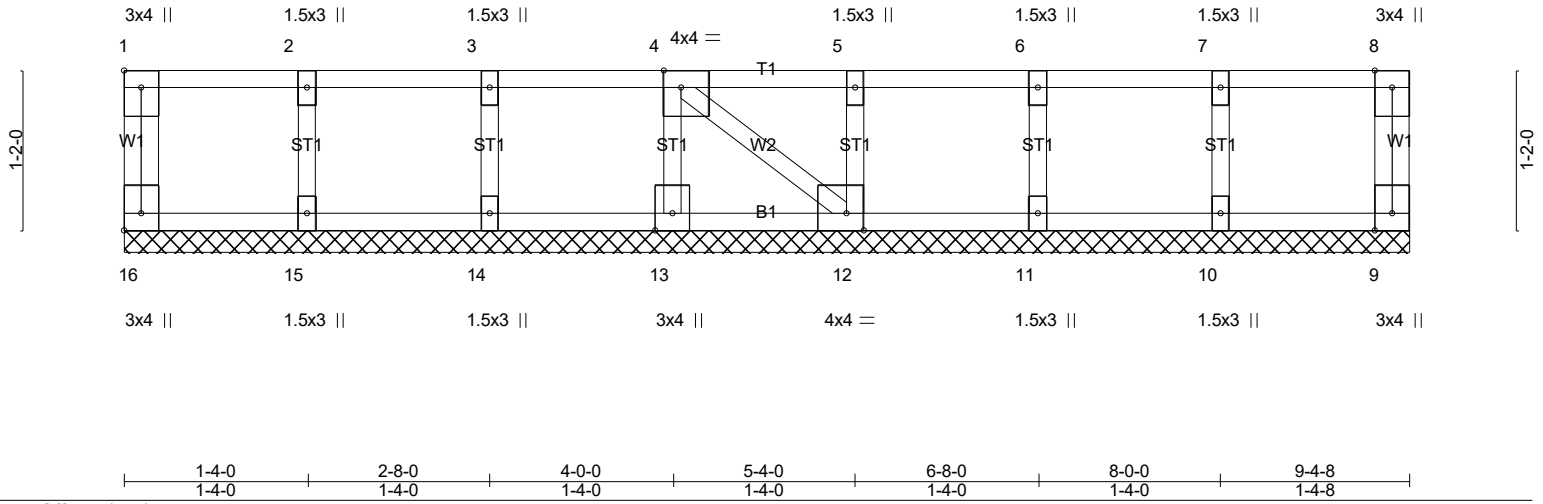


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [4:0-1-8,Edge], [12:0-1-8,Edge], [16:Edge,0-1-8]					
<b>LOADING</b> (psf)	<b>SPACING-</b> 1-4-0	<b>CSI.</b>	<b>DEFL.</b> in (loc) l/defl L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL 1.00	TC 0.13	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.12	Vert(CT) n/a - n/a 999		
BCLL 0.0	Rep Stress Incr NO	WB 0.62	Horz(CT) 0.00 12 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH		Weight: 44 lb	FT = 20%F, 11%E

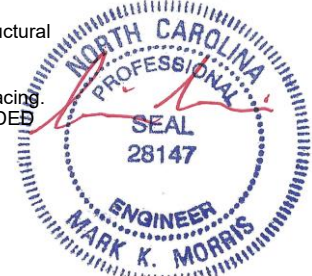
<b>LUMBER-</b>	<b>BRACING-</b>
TOP CHORD 2x4 SP No.1(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.1(flat)	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3(flat)	
OTHERS 2x4 SP No.3(flat)	

**REACTIONS.** All bearings 9-4-8.  
(lb) - Max Uplift All uplift 100 lb or less at joint(s) except 13=-1039(LC 6), 12=-1042(LC 7)  
Max Grav All reactions 250 lb or less at joint(s) 16, 9, 15, 14, 11, 10 except 13=1086(LC 5), 12=1088(LC 4)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
TOP CHORD 2-3=-361/381, 3-4=-581/580, 4-5=-787/788, 5-6=-588/568, 6-7=-388/388  
BOT CHORD 14-15=-381/381, 13-14=-581/581, 12-13=-781/781, 11-12=-588/588, 10-11=-388/388  
WEBS 4-13=-1077/1048, 4-12=-1737/1737

- NOTES-** (8-11)
- Unbalanced floor live loads have been considered for this design.
  - 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.
  - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1039 lb uplift at joint 13 and 1042 lb uplift at joint 12.
  - 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.
  - Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAINING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard

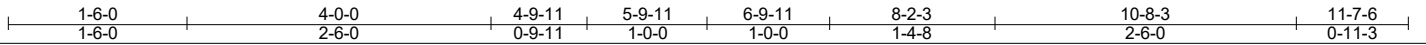
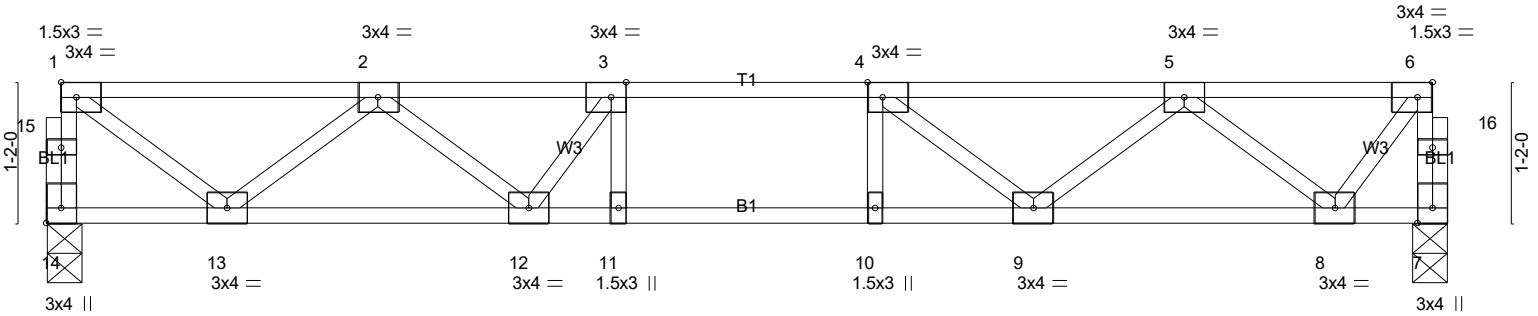
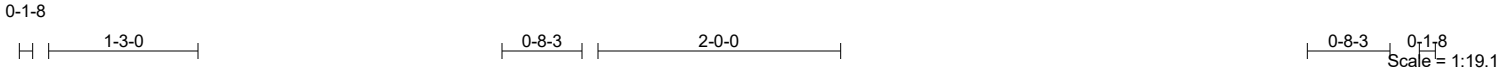


11/27/2024

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Job 24-9832-F02	Truss F217	Truss Type Floor	Qty 4	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC	# 54647
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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	1-7-3	TC 0.22	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.00	BC 0.41	Vert(LL) -0.06 9-10 >999 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.31	Vert(CT) -0.07 10 >999 360		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.01 7 n/a n/a		
	Code IRC2021/TPI2014			Weight: 59 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) 14=495/0-3-8 (min. 0-1-8), 7=495/0-3-6 (min. 0-1-8)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD 14-15=-491/0, 1-15=-490/0, 7-16=-495/0, 6-16=-494/0, 1-2=-541/0, 2-3=-1217/0, 3-4=-1339/0, 4-5=-1098/0, 5-6=-341/0  
 BOT CHORD 12-13=0/1006, 11-12=0/1339, 10-11=0/1339, 9-10=0/1339, 8-9=0/843  
 WEBS 1-13=0/653, 2-13=-606/0, 2-12=0/319, 3-12=-327/0, 4-9=-369/0, 5-9=0/332, 5-8=-654/0, 6-8=0/535

- NOTES-** (3-6)
- 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.
  - Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAINING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard



11/27/2024

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Job	Truss	Truss Type	Qty	Ply	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC
24-9832-F02	F218	FLOOR SUPPORTED GABL	1	1	Job Reference (optional) # 54647

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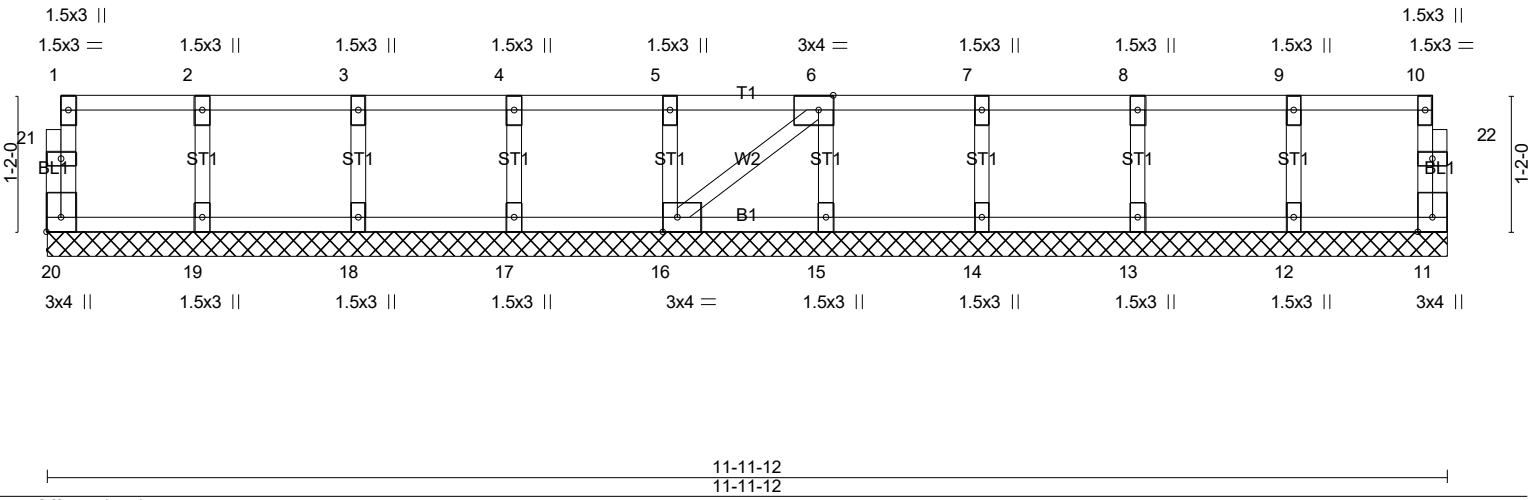


Plate Offsets (X,Y)-- [6:0-1-8,Edge], [16:0-1-8,Edge], [20:Edge,0-1-8]					
<b>LOADING</b> (psf)	<b>SPACING-</b> 1-7-3	<b>CSI.</b>	<b>DEFL.</b> in (loc) l/defl L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL 1.00	TC 0.05	Vert(LL) n/a - n/a 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.01	Vert(CT) 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



11/27/2024

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Job 24-9832-F02	Truss F219	Truss Type Floor	Qty 6	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC Job Reference (optional) <b># 54647</b>
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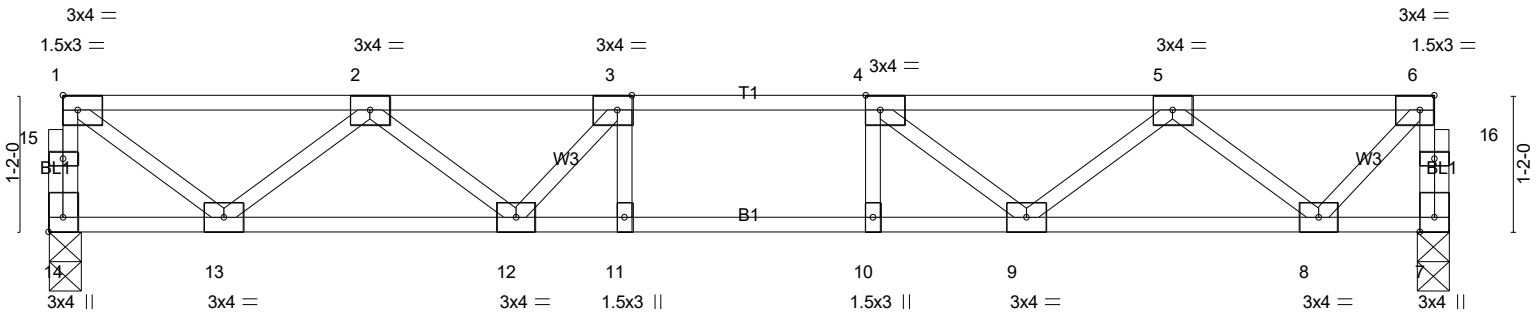
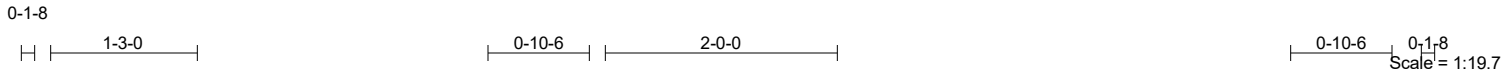


Plate Offsets (X,Y)-- [3:0-1-8,Edge], [4:0-1-8,Edge], [6:0-1-8,Edge], [14:Edge,0-1-8]

<b>LOADING</b> (psf)	<b>SPACING-</b>	1-7-3	<b>CSI.</b>	<b>DEFL.</b>	in	(loc)	l/defl	L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL 40.0	Plate Grip DOL	1.00	TC 0.22	Vert(LL)	-0.06	9-10	>999	480	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.42	Vert(CT)	-0.08	10	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.32	Horz(CT)	0.02	7	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-SH							
									Weight: 61 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=511/0-3-6 (min. 0-1-8), 7=511/0-3-6 (min. 0-1-8)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
TOP CHORD 14-15=-507/0, 1-15=-506/0, 7-16=-509/0, 6-16=-508/0, 1-2=-563/0, 2-3=-1271/0, 3-4=-1428/0, 4-5=-1188/0, 5-6=-424/0  
BOT CHORD 12-13=0/1049, 11-12=0/1428, 10-11=0/1428, 9-10=0/1428, 8-9=0/935  
WEBS 1-13=0/680, 2-13=-632/0, 2-12=0/325, 3-12=-344/0, 4-9=-379/0, 5-9=0/329, 5-8=-665/0, 6-8=0/592

- NOTES-** (3-6)
- 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.
  - Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAINING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard



11/27/2024

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Job 24-9832-F02	Truss F221	Truss Type Floor Supported Gable	Qty 1	Ply 1	LOT 0.0035 HONEYCUTT HILLS   304 SHELBY MEADOW LANE ANGIER, NC	# 54647
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Q-1-8

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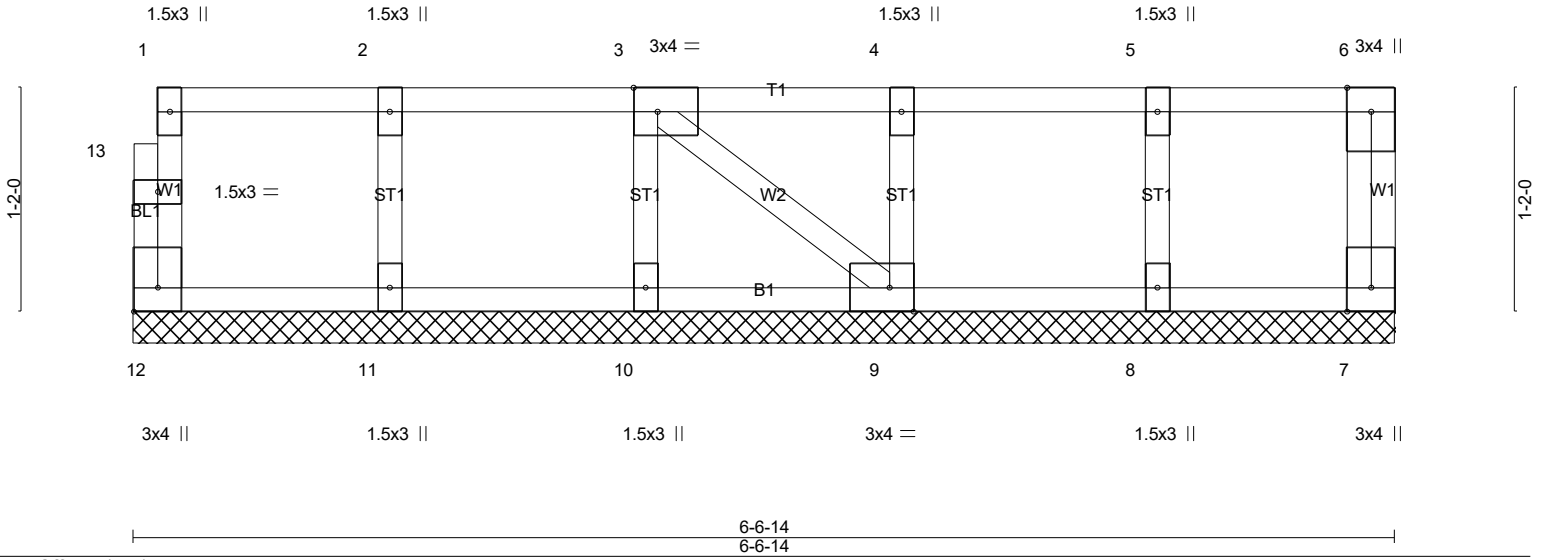


Plate Offsets (X,Y)-- [3:0-1-8,Edge], [9:0-1-8,Edge], [12:Edge,0-1-8]

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 0.05	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.01	Vert(CT)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr	YES	WB 0.03	Horz(CT)	0.00	7	n/a		
BCDL 5.0	Code IRC2021/TPI2014		Matrix-P					Weight: 32 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)

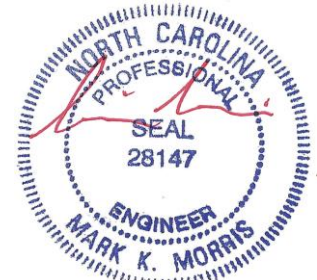
**BRACING-**  
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.  
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

**REACTIONS.** All bearings 6-6-14.  
(lb) - Max Grav All reactions 250 lb or less at joint(s) 12, 7, 11, 10, 9, 8

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

- NOTES-** (6-9)
- 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.
  - Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
  - Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
  - Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
  - SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAINING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

**LOAD CASE(S)** Standard



11/27/2024

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