Mark Morris, P.E.

#126, 1317-M, Summerville, SC 29483 843 209-5784, Fax (866)-213-4614

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 #: 45874 JOB: 24-1218-F02 JOB NAME: LOT 0.0043 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 2015 as well as IRC 2018. 33 Truss Design(s)

Trusses:

F201, F202, F203, F204, F205, F206, F207, F208, F209, F210, F211, F212, F213, F214, F215, F216, F217, F218, F219, F220, F221, F222, F223, F224, F225, F226, F227, F228, F229, F230, F231, F232, F233



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*

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24-1218-F02	F20	1	Floor	Supported Gable		1		1 Job Referen	ce (optional)		# 45874	
	I					Run: 86.430 ID:XfGB	s Feb 12 2021 Br?_CJqttCkf9	Print: 8.430 s Feb 12 NOQCWjycQDJ-k	2 2021 MiTek Indu	istries, Inc. Tue F 32g4xy5WzD1h	eb 27 17:37:06 202 MpVF2KgGb30V	4 Page 1 V1_zgtlh
0 ₁ 1-8												
											Scale	= 1:25.4
1.5x3												
1.5x3 =	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3 3x4	
1	2	3	4	5	6	7	8	9	10	11	12 13	
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0-27 □ ² 	ST1	ST1	ST1	ST1	ST1 W2	ST1	ST1	ST1	ST1	ST1	ST1 W1	-2-0
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26	25	24	23	22	21	20	19	18	17	16	15 14	
3x4	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3 3x4	11

Qtv

Plv

LOT 0.0043 HONEYCUTT HILLS | 150 SHELBY MEADOW LANE ANGIER, NO

			15-5-14				
· · · · · · · · · · · · · · · · · · ·			15-5-14				
Plate Offsets (X,Y)	[6:0-1-8,Edge], [20:0-1-8,Edge], [26:E	Edge,0-1-8]					
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. TC 0.06 BC 0.01 WB 0.03	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - a -	defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20	GRIP 244/190
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 68 lb	FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	end vertic	als.	lirectly applied or 6- d or 10-0-0 oc bracir	0-0 oc purlins, except

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OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 15-5-14.

(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

Truss Type

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

NOTES- (6-9)

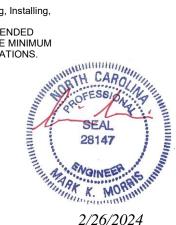
Job

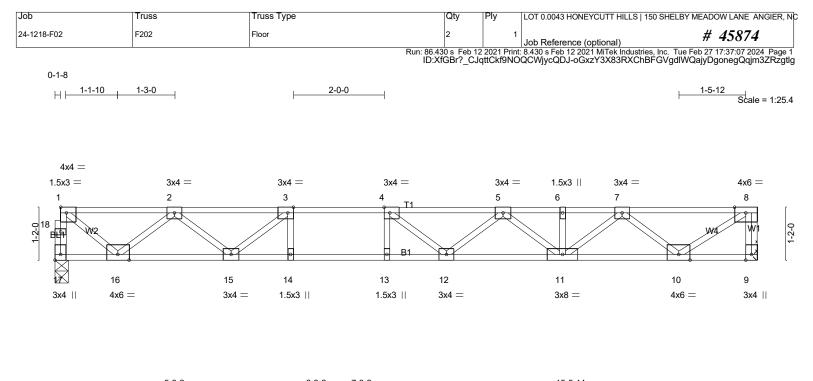
Truss

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.
- 5) CAUTION, Do not erect truss backwards.
- 6) 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.
- 7) 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
- 9) 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





L	5-3-2	6-3-2 7-3-2	15-5-14	
1	5-3-2	1-0-0 1-0-0	8-2-12	ļ
Plate Offsets (X,Y)	[1:Edge,0-1-8], [3:0-1-8,Edge], [4:0-1	-8,Edge], [17:Edge,0-1-8]		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. TC 0.58 BC 0.75 WB 0.62	DEFL. in (loc) l/defl L/d Vert(LL) -0.23 12-13 >786 480 Vert(CT) -0.32 12-13 >578 360 Horz(CT) 0.04 9 n/a n/a	PLATES GRIP MT20 244/190
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH		Weight: 78 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF		· · · · · ·	BRACING- TOP CHORD Structural wood sheathin end verticals.	g directly applied or 6-0-0 oc purlins, except
	P No.3(flat)		BOT CHORD Rigid ceiling directly appl	ied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 17=832/0-3-6 (min. 0-1-8), 9=838/Mechanical

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

TOP CHORD 17-18=-833/0, 1-18=-832/0, 8-9=-831/0, 1-2=-887/0, 2-3=-2249/0, 3-4=-2919/0, 4-5=-2976/0, 5-6=-2409/0,

6-7=-2409/0, 7-8=-1099/0 BOT CHORD 15-16=0/1717, 14-15=0/2919, 13-14=0/2919, 12-13=0/2919, 11-12=0/2880, 10-11=0/1926

3-14=-6/312, 4-13=-279/38, 3-15=-923/0, 2-15=0/692, 2-16=-1080/0, 1-16=0/1110, 4-12=-281/279, 5-12=0/285, WEBS

5-11=-601/0, 7-11=0/617, 7-10=-1077/0, 8-10=0/1310

NOTES-(5-8)

1) Unbalanced floor live loads have been considered for this design.

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.

5) 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.

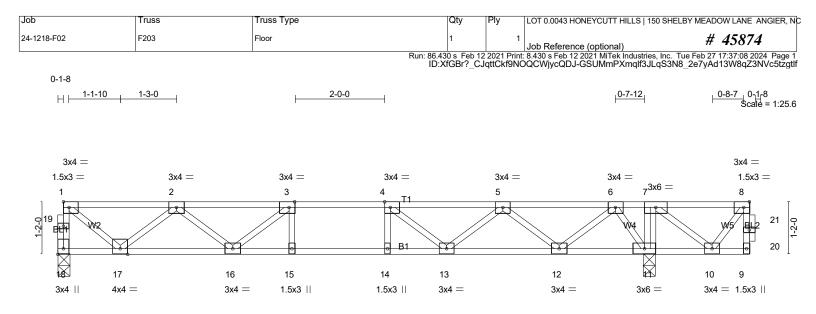
6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

7) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing,

 Web blacing shown is for lateral support of individual way individual way individual to be a start of the sta GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard





1	5-3-2	6-3-2 7-3-2	13-1-14	13 _r 3-6 15-5-13
-	5-3-2	1-0-0 1-0-0	5-10-12	0-1-8 2-2-7
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [8:0-1	-8,Edge], [18:Edge,0-1-8]		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.36 BC 0.69 WB 0.44 Matrix-SH	DEFL. in (loc) I/defl L/ Vert(LL) -0.12 13-14 >999 48 Vert(CT) -0.16 13-14 >989 36 Horz(CT) 0.03 11 n/a n/a	30 MT20 244/190 50
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI WEBS 2x4 SI			end verticals.	eathing directly applied or 6-0-0 oc purlins, except y applied or 10-0-0 oc bracing, Except: 1-12,10-11.

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REACTIONS. (lb/size) 18=691/0-3-6 (min. 0-1-8), 11=972/0-3-8 (min. 0-1-8) Max Grav 18=705(LC 3), 11=972(LC 1)

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

TOP CHORD 18-19=-703/0, 1-19=-701/0, 1-2=-736/0, 2-3=-1791/0, 3-4=-2175/0, 4-5=-1952/0, 5-6=-1089/0

BOT CHORD 16-17=0/1430, 15-16=0/2175, 14-15=0/2175, 13-14=0/2175, 12-13=0/1686, 11-12=-89/469

WEBS 7-11=-285/0, 3-16=-588/0, 2-16=0/477, 2-17=-904/0, 1-17=0/919, 4-13=-493/0, 5-13=0/418, 5-12=-801/0, 6-12=0/830, 6-11=-875/0

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 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



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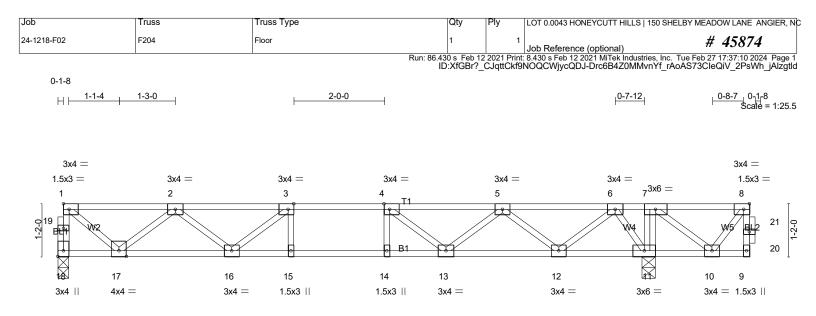


Plate Offsets (X,Y)	5-2-12 5-2-12 [3:0-1-8,Edge], [4:0-1-8,Edge], [8:0-1	6-2-12 7-2-12 1-0-0 1-0-0 -8,Edge], [18:Edge,0-1-8]	13-1-8 5-10-12	13-3-0 15-5-7 0-1-8 2-2-7
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.36 BC 0.69 WB 0.43 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) -0.12 13-14 >999 480 Vert(CT) -0.16 13-14 >987 360 Horz(CT) 0.03 11 n/a n/a	PLATES GRIP MT20 244/190 Weight: 80 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI WEBS 2x4 SI			BRACING- TOP CHORD Structural wood sheathing end verticals. BOT CHORD Rigid ceiling directly appli 6-0-0 oc bracing: 11-12,10	

REACTIONS. (lb/size) 18=689/0-3-0 (min. 0-1-8), 11=970/0-3-8 (min. 0-1-8) Max Grav 18=703(LC 3), 11=970(LC 1)

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

TOP CHORD 18-19=-701/0, 1-19=-700/0, 1-2=-718/0, 2-3=-1776/0, 3-4=-2164/0, 4-5=-1944/0, 5-6=-1085/0

BOT CHORD 16-17=0/1412, 15-16=0/2164, 14-15=0/2164, 13-14=0/2164, 12-13=0/1681, 11-12=-89/468

WEBS 7-11=-285/0, 3-16=-591/0, 2-16=0/478, 2-17=-903/0, 1-17=0/906, 4-13=-489/0, 5-13=0/416, 5-12=-798/0, 6-12=0/827, 6-11=-873/0

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.

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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

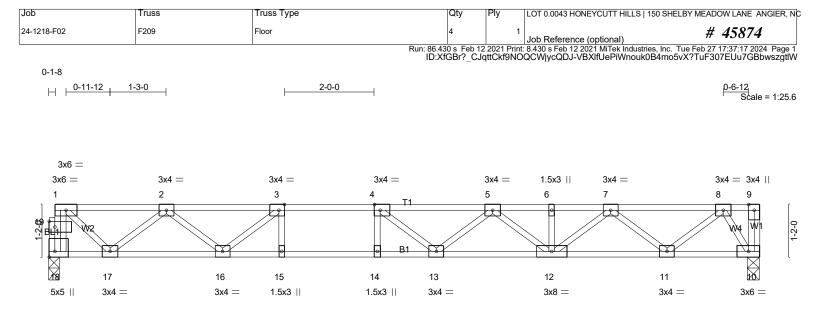


24-1218-F02	Truss	Truss Type	Qty	Ply LOT 0.	0043 HONEYCUTT HILL	S 150 SHELBY	MEADOW LANE ANGIER, I
4 1210102	F205	Floor	1	1	oforonoo (ontional)		# 45874
			Run: 86.430 s Feb	12 2021 Print: 8.430 s	eference (optional) s Feb 12 2021 MiTek Indu VivcOD Leb 14 LIOO2e7	ustries, Inc. Tue F	eb 27 17:37:11 2024 Page GISWq3JjUL0ILkHiCzqt
0-1-8				_00000000000000000000000000000000000000	yycobo-mAddodaer	g tenpe training	
H ⊢ 1-1-4	1-3-0	2-0-0		0-7-8			<u>1-0-12</u> Scale: 3/8"=
							Scale: 3/8"=
3x4 =							
1.5x3 =		3x4 = 3x4 =		P = 4x4 = 3x6 =	3x4 =	=	3x4 = 1.5x3
	2		5 6	7 8 - } [[]]	9 я		10 11
°,24 °,24 ₽						$\langle /$	1745 W1
		0 B1 3				B2	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
23 22	21	20 19 18	17	16	15 14	13	
3x4 3x4 :		1.5x3 1.5x3 3x4		3x6 =		FP = 3x4 =	3x4 =
L	<u>5-2-12</u> 5-2-12	<u></u>	<u>13-1-4</u> 5-10-8			9-5-0 3-12	
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Ec	lge], [23:Edge,0-1-8]					
OADING (psf)		2-0-0 CSI .		in (loc) l/defl			GRIP
FCLL 40.0 FCDL 10.0	Lumber DOL	1.00 TC 0.42 1.00 BC 0.59)9 20-21 >999 12 20-21 >999	480 360	MT20	244/190
3CLL 0.0 3CDL 5.0	Rep Stress Incr Code IRC2021/TPI2	YES WB 0.45 2014 Matrix-SH	Horz(CT) 0.0)2 16 n/a	n/a	Weight: 98 lb	FT = 20%F, 11%E
			DDACING				
LUMBER- TOP CHORD 2x4 SF	PNo.1(flat)		BRACING- TOP CHORD	<u>.</u>) O an nurling avaant
					d sheathing directly	applied or 6-0	-0 oc punins, except
BOT CHORD 2x4 SF WEBS 2x4 SF				end verticals.	0 ,		
WEBS 2x4 SF	P No.3(flat)	1.8) 12=132/0.3.8 (min 0.1.8) (BOT CHORD	end verticals. Rigid ceiling d	a sneathing directly irectly applied or 6-0		
WEBS 2x4 SF REACTIONS. (Ib/size Max U	º No.3(flat) e) 23=606/0-3-0 (min. 0- lplift12=-104(LC 3)	1-8), 12=132/0-3-8 (min. 0-1-8), 1	BOT CHORD	end verticals. Rigid ceiling d	0 ,		
NEBS 2x4 SF REACTIONS. (Ib/size Max U Max G	P No.3(flat) e) 23=606/0-3-0 (min. 0- lplift12=-104(LC 3) grav23=612(LC 3), 12=273	(LC 4), 16=1371(LC 1)	BOT CHORD 16=1371/0-3-8 (min. 0-	end verticals. Rigid ceiling d	0 ,		
NEBS 2x4 SF REACTIONS. (Ib/siz: Max U Max G FORCES. (Ib) - Max.	P No.3(flat) e) 23=606/0-3-0 (min. 0- lplift12=-104(LC 3) irav23=612(LC 3), 12=273 Comp./Max. Ten All ford	(LC 4), 16=1371(LC 1) ces 250 (lb) or less except when s	BOT CHORD 16=1371/0-3-8 (min. 0- shown.	end verticals. Rigid ceiling d	0 1		
NEBS 2x4 SF REACTIONS. (Ib/siz: Max U Max G FORCES. (Ib) - Max. TOP CHORD 23-24 7-8=(P No.3(flat) e) 23=606/0-3-0 (min. 0- plift12=-104(LC 3) Grav 23=612(LC 3), 12=273 Comp./Max. Ten All ford 4=-607/0, 1-24=-606/0, 1-2 0/1306, 8-9=0/830, 9-10=-3	(LC 4), 16=1371(LC 1) ces 250 (lb) or less except when s =-612/0, 2-3=-1447/0, 3-4=-1632/ 300/317	BOT CHORD 16=1371/0-3-8 (min. 0- shown. /0, 4-5=-1209/0,	end verticals. Rigid ceiling d 1-8)	0 1		
VEBS 2x4 SF REACTIONS. (Ib/siz/ Max U Max G ORCES. (Ib) - Max. OP CHORD 23-24 7-8=0 30T CHORD 21-22 15-16	P No.3(flat) e) 23=606/0-3-0 (min. 0- plift12=-104(LC 3) irav 23=612(LC 3), 12=273 Comp./Max. Ten All ford 4=-607/0, 1-24=-606/0, 1-2 0/1306, 8-9=0/830, 9-10=-3 2=0/1209, 20-21=0/1632, 1 5=-1306/0, 14-15=-541/309	(LC 4), 16=1371(LC 1) ces 250 (lb) or less except when s =-612/0, 2-3=-1447/0, 3-4=-1632/ 300/317 9-20=0/1632, 18-19=0/1632, 17- 0, 13-14=-541/309, 12-13=-127/25	BOT CHORD 16=1371/0-3-8 (min. 0- shown. /0, 4-5=-1209/0, 18=0/819, 16-17=-820/0	end verticals. Rigid ceiling d 1-8)	0 1		
VEBS 2x4 SF REACTIONS. (Ib/siz/ Max U Max G FORCES. (Ib) - Max. TOP CHORD 23-24 7-8=0 30T CHORD 21-22 15-10 VEBS 8-16=	P No.3(flat) e) 23=606/0-3-0 (min. 0- lplift12=-104(LC 3) grav 23=612(LC 3), 12=273 Comp./Max. Ten All ford 4=-607/0, 1-24=-606/0, 1-2 0/1306, 8-9=0/830, 9-10=-3 2=0/1209, 20-21=0/1632, 1 3=-1306/0, 14-15=-541/308 =-613/0, 3-21=-291/0, 2-21	(LC 4), 16=1371(LC 1) ces 250 (lb) or less except when s =-612/0, 2-3=-1447/0, 3-4=-1632/ 300/317 9-20=0/1632, 18-19=0/1632, 17- 0, 13-14=-541/309, 12-13=-127/25 =0/311, 2-22=-777/0, 1-22=0/771	BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 58 , 4-18=-558/0,	end verticals. Rigid ceiling d 1-8)	0 1		
WEBS 2x4 SF REACTIONS. (Ib/siz: Max U Max G FORCES. (Ib) - Max. TOP CHORD 23-22 7-8=(BOT CHORD 21-22 15-16 WEBS 8-16= 5-18=	P No.3(flat) e) 23=606/0-3-0 (min. 0- lplift12=-104(LC 3) grav 23=612(LC 3), 12=273 Comp./Max. Ten All ford 4=-607/0, 1-24=-606/0, 1-2 0/1306, 8-9=0/830, 9-10=-3 2=0/1209, 20-21=0/1632, 1 3=-1306/0, 14-15=-541/308 =-613/0, 3-21=-291/0, 2-21	(LC 4), 16=1371(LC 1) ces 250 (lb) or less except when s =-612/0, 2-3=-1447/0, 3-4=-1632/ 300/317 9-20=0/1632, 18-19=0/1632, 17- 0, 13-14=-541/309, 12-13=-127/25	BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 58 , 4-18=-558/0,	end verticals. Rigid ceiling d 1-8)	0 1		
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WEBS 2x4 SF REACTIONS. (Ib/siz/ Max U Max G FORCES. (Ib) - Max. TOP CHORD 23-24 7-8=(30T CHORD 21-22 15-16 WEBS 8-163 9-133 NOTES- (5-8) I) Unbalanced floor li 2) Provide mechanica 3) Recommend 2x6 s be attached to wall 4) CAUTION, Do not r the member must b 3) Bearing symbols and design of the truss 7) Web bracing shows Restraining & Brac 3) SEE BCSI-B3 SUM MINIMUM BRACIN	 P No.3(flat) (min. 0- plift12=-104(LC 3) (comp./Max. Ten All ford 4=-607/0, 1-24=-606/0, 1-2 (comp./Max. Ten All ford 5=-1306/0, 14-15=-541/305 (comp./1632, 13 (comp./1632, 14-15=-541/305 (comp./1632, 12-291/0, 2-21 (comp./1632, 10-12=-352/173) (ve loads have been considal connection (by others) of trongbacks, on edge, space at learner outer ends or reserect truss backwards. (competition does not debe braced. (comp./1642) ended. (comp./1642) ended.	(LC 4), 16=1371(LC 1) = 250 (lb) or less except when s = -612/0, 2-3=-1447/0, 3-4=-1632/300/317 9-20=0/1632, 18-19=0/1632, 17-30, 13-14=-541/309, 12-13=-127/25 = 0/311, 2-22=-777/0, 1-22=0/771 = 0/949, 7-16=-983/0, 8-15=0/714, dered for this design. truss to bearing plate capable of trust the size, type or the orientation ations of a possible bearing cond ted. dividual web members only. Refe ted Wood Trusses for additional b ENT RESTRAING/BRACING OF TOP CHORD, BOTTOM CHORD,	BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I	end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,	Strongbacks to only indicates that d in the structural andling, Installing,	D-0 oc bracing	
WEBS 2x4 SF REACTIONS. (lb/siz/ Max U Max G FORCES. (lb) - Max. TOP CHORD 23-24 7-8=0 7-8=0 3OT CHORD 21-22 15-16 15-16 WEBS 8-16= 9-13= 9-13= NOTES- (5-8) 1) Unbalanced floor li 9-13= 2) Forvide mechanica 5 3) Recommend 2x6 s be attached to wall 4) CAUTION, Do not of 5) Graphical bracing r 4) Bearing symbols at design of the truss 7) Web bracing show Restraining & Brac 3) SEE BCSI-B3 SUM MINIMUM BRACIN GUIDELINES, ALV	 P No.3(flat) (min. 0-1) (p) 23=606/0-3-0 (min. 0-1) (p) 12=-104(LC 3) (rav 23=612(LC 3), 12=273 Comp./Max. Ten All ford (c) 1-24=-606/0, 1-2 (c) 1-24=-606/0, 1-2 (c) 1-24=-606/0, 1-2 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-21=-352/173 (c) 1-21=-352/173<td>(LC 4), $16=1371(LC 1)$ ces 250 (lb) or less except when s =-612/0, 2-3=-1447/0, 3-4=-1632/ 300/317 9-20=0/1632, 18-19=0/1632, 17 , 13-14=-541/309, 12-13=-127/25 =0/311, 2-22=-777/0, 1-22=0/771 =0/949, 7-16=-983/0, 8-15=0/714, lered for this design. truss to bearing plate capable of red at 10-0-0 oc and fastened to oc trained by other means. pict the size, type or the orientation ations of a possible bearing cond</td><td>BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I</td><td>end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,</td><td>Strongbacks to only indicates that d in the structural andling, Installing,</td><td>D-0 oc bracing</td><td></td>	(LC 4), $16=1371(LC 1)$ ces 250 (lb) or less except when s =-612/0, 2-3=-1447/0, 3-4=-1632/ 300/317 9-20=0/1632, 18-19=0/1632, 17 , 13-14=-541/309, 12-13=-127/25 =0/311, 2-22=-777/0, 1-22=0/771 =0/949, 7-16=-983/0, 8-15=0/714, lered for this design. truss to bearing plate capable of red at 10-0-0 oc and fastened to oc trained by other means. pict the size, type or the orientation ations of a possible bearing cond	BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I	end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,	Strongbacks to only indicates that d in the structural andling, Installing,	D-0 oc bracing	
WEBS 2x4 SF REACTIONS. (Ib/siz/ Max U Max G FORCES. (Ib) - Max. TOP CHORD 23-24 7-8=(30T CHORD 21-22 15-16 WEBS 8-163 9-133 NOTES- (5-8) I) Unbalanced floor li 2) Provide mechanica 3) Recommend 2x6 s be attached to wall 4) CAUTION, Do not r the member must b 3) Bearing symbols and design of the truss 7) Web bracing shows Restraining & Brac 3) SEE BCSI-B3 SUM MINIMUM BRACIN	 P No.3(flat) (min. 0-1) (p) 23=606/0-3-0 (min. 0-1) (p) 12=-104(LC 3) (rav 23=612(LC 3), 12=273 Comp./Max. Ten All ford (c) 1-24=-606/0, 1-2 (c) 1-24=-606/0, 1-2 (c) 1-24=-606/0, 1-2 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-21=-352/173 (c) 1-21=-352/173<td>(LC 4), 16=1371(LC 1) = 250 (lb) or less except when s = -612/0, 2-3=-1447/0, 3-4=-1632/300/317 9-20=0/1632, 18-19=0/1632, 17-30, 13-14=-541/309, 12-13=-127/25 = 0/311, 2-22=-777/0, 1-22=0/771 = 0/949, 7-16=-983/0, 8-15=0/714, dered for this design. truss to bearing plate capable of trust the size, type or the orientation ations of a possible bearing cond ted. dividual web members only. Refe ted Wood Trusses for additional b ENT RESTRAING/BRACING OF TOP CHORD, BOTTOM CHORD,</td><td>BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I</td><td>end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,</td><td>Strongbacks to only indicates that d in the structural andling, Installing,</td><td>D-0 oc bracing</td><td></td>	(LC 4), 16=1371(LC 1) = 250 (lb) or less except when s = -612/0, 2-3=-1447/0, 3-4=-1632/300/317 9-20=0/1632, 18-19=0/1632, 17-30, 13-14=-541/309, 12-13=-127/25 = 0/311, 2-22=-777/0, 1-22=0/771 = 0/949, 7-16=-983/0, 8-15=0/714, dered for this design. truss to bearing plate capable of trust the size, type or the orientation ations of a possible bearing cond ted. dividual web members only. Refe ted Wood Trusses for additional b ENT RESTRAING/BRACING OF TOP CHORD, BOTTOM CHORD,	BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I	end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,	Strongbacks to only indicates that d in the structural andling, Installing,	D-0 oc bracing	
WEBS 2x4 SF REACTIONS. (lb/siz/ Max U Max G FORCES. (lb) - Max. TOP CHORD 23-24 7-8=0 7-8=0 3OT CHORD 21-22 15-16 15-16 WEBS 8-16= 9-13= 9-13= NOTES- (5-8) 1) Unbalanced floor li 9-13= 2) Forvide mechanica 5 3) Recommend 2x6 s be attached to wall 4) CAUTION, Do not of 5) Graphical bracing r 4) Bearing symbols at design of the truss 7) Web bracing show Restraining & Brac 3) SEE BCSI-B3 SUM MINIMUM BRACIN GUIDELINES, ALV	 P No.3(flat) (min. 0-1) (p) 23=606/0-3-0 (min. 0-1) (p) 12=-104(LC 3) (rav 23=612(LC 3), 12=273 Comp./Max. Ten All ford (c) 1-24=-606/0, 1-2 (c) 1-24=-606/0, 1-2 (c) 1-24=-606/0, 1-2 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-21=-352/173 (c) 1-21=-352/173<td>(LC 4), 16=1371(LC 1) = 250 (lb) or less except when s = -612/0, 2-3=-1447/0, 3-4=-1632/300/317 9-20=0/1632, 18-19=0/1632, 17-30, 13-14=-541/309, 12-13=-127/25 = 0/311, 2-22=-777/0, 1-22=0/771 = 0/949, 7-16=-983/0, 8-15=0/714, dered for this design. truss to bearing plate capable of trust the size, type or the orientation ations of a possible bearing cond ted. dividual web members only. Refe ted Wood Trusses for additional b ENT RESTRAING/BRACING OF TOP CHORD, BOTTOM CHORD,</td><td>BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I</td><td>end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,</td><td>Strongbacks to only indicates that d in the structural andling, Installing,</td><td>D-0 oc bracing</td><td></td>	(LC 4), 16=1371(LC 1) = 250 (lb) or less except when s = -612/0, 2-3=-1447/0, 3-4=-1632/300/317 9-20=0/1632, 18-19=0/1632, 17-30, 13-14=-541/309, 12-13=-127/25 = 0/311, 2-22=-777/0, 1-22=0/771 = 0/949, 7-16=-983/0, 8-15=0/714, dered for this design. truss to bearing plate capable of trust the size, type or the orientation ations of a possible bearing cond ted. dividual web members only. Refe ted Wood Trusses for additional b ENT RESTRAING/BRACING OF TOP CHORD, BOTTOM CHORD,	BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I	end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,	Strongbacks to only indicates that d in the structural andling, Installing,	D-0 oc bracing	
WEBS 2x4 SF REACTIONS. (Ib/siz/Max U Max G REACTIONS. (Ib/siz/Max U Max G FORCES. (Ib) - Max. TOP CHORD 23-24 7-8=0 7-8=0 3OT CHORD 21-22 15-16 15-16 WEBS 8-16= 9-13= 9-13= NOTES- (5-8) 1) Unbalanced floor Ii 9-13= 2) Graphical bracing r the member must b 3) Bearing symbols ai design of the truss 4) Web bracing show Restraining & Brac 3) SEE BCSI-B3 SUM MINIMUM BRACIN GUIDELINES, ALV MINIMENT	 P No.3(flat) (min. 0-1) (p) 23=606/0-3-0 (min. 0-1) (p) 12=-104(LC 3) (rav 23=612(LC 3), 12=273 Comp./Max. Ten All ford (c) 1-24=-606/0, 1-2 (c) 1-24=-606/0, 1-2 (c) 1-24=-606/0, 1-2 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-21=-352/173 (c) 1-21=-352/173<td>(LC 4), 16=1371(LC 1) = 250 (lb) or less except when s = -612/0, 2-3=-1447/0, 3-4=-1632/300/317 9-20=0/1632, 18-19=0/1632, 17-30, 13-14=-541/309, 12-13=-127/25 = 0/311, 2-22=-777/0, 1-22=0/771 = 0/949, 7-16=-983/0, 8-15=0/714, dered for this design. truss to bearing plate capable of trust the size, type or the orientation ations of a possible bearing cond ted. dividual web members only. Refe ted Wood Trusses for additional b ENT RESTRAING/BRACING OF TOP CHORD, BOTTOM CHORD,</td><td>BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I</td><td>end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,</td><td>Strongbacks to only indicates that d in the structural andling, Installing,</td><td>D-0 oc bracing</td><td></td>	(LC 4), 16=1371(LC 1) = 250 (lb) or less except when s = -612/0, 2-3=-1447/0, 3-4=-1632/300/317 9-20=0/1632, 18-19=0/1632, 17-30, 13-14=-541/309, 12-13=-127/25 = 0/311, 2-22=-777/0, 1-22=0/771 = 0/949, 7-16=-983/0, 8-15=0/714, dered for this design. truss to bearing plate capable of trust the size, type or the orientation ations of a possible bearing cond ted. dividual web members only. Refe ted Wood Trusses for additional b ENT RESTRAING/BRACING OF TOP CHORD, BOTTOM CHORD,	BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I	end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,	Strongbacks to only indicates that d in the structural andling, Installing,	D-0 oc bracing	
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VEBS 2x4 SF REACTIONS. (Ib/size Max U Max G ORCES. (Ib) - Max. OP CHORD 23-24 7-8=0 BOT CHORD 21-22 15-16 VEBS 8-16- 9-13= IOTES- (5-8)) Unbalanced floor li) Provide mechanica 9 Recommend 2x6 s be attached to wall) CAUTION, Do not 0 Graphical bracing r the member must t 0 Bearing symbols at design of the truss) Web bracing show Restraining & Brac) SEE BCSI-B3 SUM MINIMUM BRACIN GUIDELINES, ALV	 P No.3(flat) (min. 0-1) (p) 23=606/0-3-0 (min. 0-1) (p) 12=-104(LC 3) (rav 23=612(LC 3), 12=273 Comp./Max. Ten All ford (c) 1-24=-606/0, 1-2 (c) 1-24=-606/0, 1-2 (c) 1-24=-606/0, 1-2 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-209, 20-21=0/1632, 1 (c) 1-21=-352/173 (c) 1-21=-352/173<td>(LC 4), 16=1371(LC 1) = 250 (lb) or less except when s = -612/0, 2-3=-1447/0, 3-4=-1632/300/317 9-20=0/1632, 18-19=0/1632, 17-30, 13-14=-541/309, 12-13=-127/25 = 0/311, 2-22=-777/0, 1-22=0/771 = 0/949, 7-16=-983/0, 8-15=0/714, dered for this design. truss to bearing plate capable of trust the size, type or the orientation ations of a possible bearing cond ted. dividual web members only. Refe ted Wood Trusses for additional b ENT RESTRAING/BRACING OF TOP CHORD, BOTTOM CHORD,</td><td>BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I</td><td>end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,</td><td>Strongbacks to only indicates that d in the structural andling, Installing,</td><td>D-0 oc bracing</td><td></td>	(LC 4), 16=1371(LC 1) = 250 (lb) or less except when s = -612/0, 2-3=-1447/0, 3-4=-1632/300/317 9-20=0/1632, 18-19=0/1632, 17-30, 13-14=-541/309, 12-13=-127/25 = 0/311, 2-22=-777/0, 1-22=0/771 = 0/949, 7-16=-983/0, 8-15=0/714, dered for this design. truss to bearing plate capable of trust the size, type or the orientation ations of a possible bearing cond ted. dividual web members only. Refe ted Wood Trusses for additional b ENT RESTRAING/BRACING OF TOP CHORD, BOTTOM CHORD,	BOT CHORD 16=1371/0-3-8 (min. 0- shown. (0, 4-5=-1209/0, 18=0/819, 16-17=-820/0 8 , 4-18=-558/0, 9-15=-655/0, withstanding 104 lb up each truss with 3-10d (f on of the brace on the n ition. Bearing symbols or to BCSI - Guide to Go bracing guidelines, inclu CHORDS & WEB MEN AND WEB PLANES. I	end verticals. Rigid ceiling d 1-8) 0, 0, 0, 1-8) 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,	Strongbacks to only indicates that d in the structural andling, Installing,	D-0 oc bracing	

Job 24-1218-F02	Truss F206	Truss Type Floor	Qty Ply	LOT 0.0043 HONEYC	·	MEADOW LANE ANGIER, NC # 45874
			Run: 86.430 s Feb 12 2021 ID:XfGBr?_CJq	Print: 8.430 s Feb 12 2021 N	ITek Industries, Inc. Tue I	Feb 27 17:37:13 2024 Page 1 Ihqn2elqBOrICeDNn4zgtla
0-1-8 H⊨ <mark>1-1-4 ⊨ 1</mark>	<u>-3-0</u> ⊢	2-0-0	<u>0-7-8</u>		<mark>0-11-0</mark>	<mark>0-7-11</mark> Scale = 1:37.6
3x4 = 1.5x3 = 1 28 27 26 $3x4 \parallel 3x4 =$	3x4 = 3x4 = 2 2 3x4 = 3x4 = 1.5x3	$3x4 = 4 5$ $4 5$ $B 1 5$ $23 22$ $1.5x3 \parallel 3x4 =$	3x8 FP = 4x4 = 3x6 = 6 7 8 = 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10	3x4 = 9 T2 9 T2 9 T2 9 T3 9 T8 17 4 = 3x8 FP= 3x4 =	3x4 = 3x6 = 10 11 7x + 5x + 2 3x6 = 3x	3x4 = 3x4 12 13 3x4 12 13 3x4 3x4 12 13 3x4 12 13 3x4 12 13 3x4 4 = 3x6 =
Plate Offsets (X,Y)		0 1-0-0 5-1	-1-4 10-8	<u>19-3-4</u> 6-2-0	1	22-9-7 3-6-3
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0		00 TC 0.41 00 BC 0.59 ES WB 0.45	DEFL. in (loc Vert(LL) -0.09 24-2 Vert(CT) -0.12 24-2 Horz(CT) 0.02 2	25 >999 480	PLATES MT20 Weight: 118 II	GRIP 244/190 b FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI WEBS 2x4 SI			end	ictural wood sheathing verticals. d ceiling directly applie		
(lb) - Max l	Jplift All uplift 100 lb or less a		12(LC 5), 20=1355(LC 3), 16=5	65(LC 4)		
TOP CHORD 27-2 7-8= BOT CHORD 25-2 19-2 WEBS 8-20 4-22	8=-607/0, 1-28=-606/0, 1-2=- 0/1299, 8-9=0/816, 9-10=-16 6=0/1208, 24-25=0/1630, 23 0=-1299/0, 18-19=-509/226, =-595/0, 11-16=-314/0, 3-25 =-557/0, 5-22=0/517, 5-21=-5	24=0/1630, 22-23=0/1630, 21	0/0, 4-5=-1206/0, -22=0/816, 20-21=-812/0, 76/0, 1-26=0/771, 70, 8-19=0/688,			
 2) Refer to girder(s) f 3) Provide mechanica 4) Recommend 2x6 s be attached to wal 5) CAUTION, Do not 6) Graphical bracing the member must 	strongbacks, on edge, spaced ls at their outer ends or restra erect truss backwards. representation does not depi be braced.	uss to bearing plate capable of at 10-0-0 oc and fastened to ained by other means. ct the size, type or the orientat	of withstanding 100 lb uplift at jo each truss with 3-10d (0.131" ion of the brace on the member dition. Bearing symbols are not fer to BCSI - Guide to Good Pra bracing guidelines, including di F CHORDS & WEB MEMBERS	X 3") nails. Strongback r. Symbol only indicates considered in the struc	s that	
MINIMUM BRACIN	NG REQUIREMENTS OF TO VAYS CONSULT THE PRO.	P CHORD, BOTTOM CHORD	, AND WEB PLANES. IN ADD EER FOR ADDITIONAL BRAC	ITION TO THESE MIN	SEAL 28147	ARAS MAN

lob 24-1218-F02	Truss F207	Truss Type Floor		OT 0.0043 HONEYCUTT HILLS 150 SHEL	# 45874
0-1-8 H├─ 1-1-4	<u>1-3-0</u> ⊢—	2-0-0	Run: 86.430 s Feb 12 2021 Print: 8 ID:XfGBr?_CJqttCkf9NO	430 s Feb 12 2021 MiTek Industries, Inc. T QCWlycQDJ-5csd0ScXPbPD1GHcPe	0e Feb 27 17:37:14 2024 Page 1 FOIvNx515UwrySRIyxJXzgtlZ 0-5-3 Scale = 1:37.6
3x4 = 1.5x3 = 1 28_{B} 27 27 26 $3x4 \parallel$ $3x4 =$	3x4 = 3x4 = 2 3 T1 2 2 3 2 3 T1 2 2 3 3 T1 2 3 T1 2 3 T1 3 T1	3x4 = 4 5 B1 6 23 22 1.5x3 3x4 =	$\begin{array}{c} 3x8 \text{ FP}= 4x4 = 3x6 = \\ 6 & 7 & 8 \\ \hline & & & & & & \\ \hline & & & & & & & \\ \hline & & & &$	3x4 = 1.5x3 3x4 = 9 10 11 10	3x4 = 3x6 = $12 W5^{13}$ 15 14 3x4 3x4 =
Plate Offsets (X,Y)		12 ₁ 7-2-12 <u>13-1</u> 0 1-0-0 <u>5-10</u> e], [27:Edge,0-1-8]		<u>22-9-7</u> 9-8-3	I
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	Plate Grip DOL 1 Lumber DOL 1	D-0 CSI. 00 TC 0.46 00 BC 0.62 ES WB 0.46 14 Matrix-SH	Vert(LL) -0.09 24-25 >9 Vert(CT) -0.12 24-25 >9	iefi L/d PLATES 199 480 MT20 199 360 n/a n/a Weight: 11	GRIP 244/190 7 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S BOT CHORD 2x4 S WEBS 2x4 S			end vertica	wood sheathing directly applied or als. ng directly applied or 6-0-0 oc brac	
	ze) 27=594/0-3-0 (min. 0-1- Grav27=615(LC 3), 14=455(I	8), 14=372/Mechanical, 20=150 .C 4), 20=1507(LC 1)	7/0-3-8 (min. 0-1-8)		
TOP CHORD 27-2 4-5= 10-1 BOT CHORD 25-2 19-2 WEBS 8-20 5-22	28=-610/0, 1-28=-609/0, 13-1 1233/0, 5-6=-160/288, 6-7= 11=-786/351, 11-12=-811/83 260=0/1215, 24-25=0/1650, 23 20=-1438/0, 18-19=-564/528,)=-739/0, 3-25=-260/18, 2-25	s 250 (lb) or less except when s 4=-457/0, 1-2=-615/0, 2-3=-1458 160/288, 7-8=0/1438, 8-9=-4/82 -24=0/1650, 22-23=0/1650, 21-2 17-18=-564/528, 16-17=-186/93 =0/316, 2-26=-781/0, 1-26=0/77 /966, 7-20=-978/0, 8-19=0/897, 3-15=0/446	8/0, 3-4=-1650/0, 23, 9-10=-786/351, 22=-29/848, 20-21=-949/0, 4, 15-16=-9/658 6, 4-22=-603/0,		
 Refer to girder(s) Recommend 2x6 be attached to wa CAUTION, Do not Graphical bracing the member must Bearing symbols a 	Ils at their outer ends or restr erect truss backwards. representation does not dep be braced. are only graphical representa	d at 10-0-0 oc and fastened to e ained by other means. ct the size, type or the orientatic ions of a possible bearing condi	each truss with 3-10d (0.131" X 3") n n of the brace on the member. Sym tion. Bearing symbols are not consid	bol only indicates that dered in the structural	1141/144.
			r to BCSI - Guide to Good Practice f racing guidelines, including diagona CHORDS & WEB MEMBERS FOR AND WEB PLANES. IN ADDITION ER FOR ADDITIONAL BRACING C	or Handling, Installing, I bracing. RECOMMENDED TO THESE MINIMUM (ROFES) ONSIDERATIONS.	AROUNIUM STORE
LOAD CASE(S) Star	ndard			2814 ANGIN ANARK K.	AROLULI AL AZ MORENE S/2024
				2/20	5/2024

Job	Truss	Truss Type	Qty Ply	LOT 0.0043 HONEYC	UTT HILLS 150 SHELBY	MEADOW LANE ANGIER, NC
24-1218-F02	F208	Floor	2	1 Job Reference (opt	tional)	# 45874
			Run: 86.430 s Feb 12 2021 Pr ID:XfGBr?_CJqttCl	int: 8.430 s Feb 12 2021 I <f9noqcwjycqdj-1?:< td=""><td>MiTek Industries, Inc. Tue zNR8enxCfxGaR?X3H</td><td>Feb 27 17:37:16 2024 Page 1 sNKSINrlfOIRlvcR2NPzgtlX</td></f9noqcwjycqdj-1?:<>	MiTek Industries, Inc. Tue zNR8enxCfxGaR?X3H	Feb 27 17:37:16 2024 Page 1 sNKSINrlfOIRlvcR2NPzgtlX
0-1-8 ⊢⊢ <u>1-1-4</u>	1-3-0 . 2-	0-0	<u>ρ-7-8</u> <u>ρ-11-12</u>		2-0-0	, 1-0-15 ,
HF						Scale = 1:37.6
3x4 = 1.5x3 =	3x4 = 3x4 =	3x4 = 3	x8 FP= 4x4 = 3x6 =	3x4 =	3x4 = 3x4 =	= 3x6 =
1	$\frac{2}{2}$ $\frac{3}{2}$ T1	4 5	6 7 8	9 T2	10 11	12
28 BE W2			**************************************			W6 W1
28 _B 		B B1 S			B2 B2	
	25 24	23 22	21 20 19	18 17	16 15	14 13
3x4 3x4 :	= 3x4 = 1.5x3	1.5x3 3x4 =	4x4 = 3x6 = 3x4 =	3x8 FP= 3x4 =	1.5x3 1.5x3	3x4 = 3x4
				0.11		
	5-2-12 6-2-12	7-2-12 13-1	4	19 1 0	10 1 0 20 1 0	22-9-7
Plate Offsets (X Y)		1-0-0 5-10-	8	18-1-0 4-11-12	19-1-0 20-1-0 1-0-0 1-0-0	2-8-7
.OADING (psf)	SPACING- 2-0-(DEFL. in (loc)	l/defl L/d	PLATES	GRIP
CLL 40.0 CDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00	TC 0.41	Vert(LL) -0.10 24-25 Vert(CT) -0.12 24-25	>999 480 >999 360	MT20	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr YES Code IRC2021/TPI2014	WB 0.46	Horz(CT) 0.02 13	n/a n/a	Weight: 114 I	b FT = 20%F, 11%E
LUMBER-			BRACING-		dine official on C	
TOP CHORD 2x4 S 3OT CHORD 2x4 S WEBS 2x4 S			end ve	erticals.	ed or 6-0-0 oc bracino	0-0 oc purlins, except
	ze) 27=601/0-3-0 (min. 0-1-8)	13=381/Mechanical 20=1/01	c c	cenning unectiv applie		j.
	Grav 27=636(LC 3), 13=438(LC		10-3-0 (mm. 0-1-0)			
	. Comp./Max. Ten All forces 28=-632/0, 1-28=-631/0, 12-13=					
4-5=	-1401/0, 5-6=-379/365, 6-7=-3 11=-815/29, 11-12=-382/0					
BOT CHORD 25-2	26=0/1262, 24-25=0/1772, 23-2- 20=-1392/0, 18-19=-428/344, 1					
14-1	15=-29/815)=-704/0, 3-25=-304/53, 2-25=0					
	2=0/543, 5-21=-930/0, 7-21=0/9 9=-844/0, 8-19=0/807, 11-14=-5		, 9-17=0/449,			
NOTES- (5-8)						
	live loads have been considere for truss to truss connections.	d for this design.				
	strongbacks, on edge, spaced a Ils at their outer ends or restrair		ach truss with 3-10d (0.131" X 3	3") nails. Strongbac	ks to	
, ,	t erect truss backwards. representation does not depict	the size, type or the orientatior	n of the brace on the member. S	Symbol only indicate	s that	
the member must Bearing symbols (be braced. are only graphical representatio	ns of a possible bearing condit	ion. Bearing symbols are not co	onsidered in the stru	ctural	11100
design of the trus Web bracing show (7	are only graphical representatio s to support the loads indicated vn is for lateral support of indivi- cing of Metal Plate Connected MMARY SHEET- PERMANEN	dual web members only. Refer	to BCSI - Guide to Good Practi	ice for Handling, Inst	alling OFTH CAN	OLINIU
Restraining & Bra 3) SEE BCSI-B3 SU	cing of Metal Plate Connected V MMARY SHEET- PERMANEN	Vood Trusses for additional br RESTRAING/BRACING OF (acing guidelines, including diag CHORDS & WEB MEMBERS F	onal bracing. OR RECOMMENDE	HILL OF CONTROL	Alexand
	NG REQUIREMENTS OF TOP WAYS CONSULT THE PROJE			G CONSIDERATION	SEAL	A MILL
LOAD CASE(S) Sta	ndard				28147	
					ANGINE	A.S.
					MARK K. M	PRASE AND
					2/26/2	2024
Wanning ! Vanifu	lesion narameters and read notes b	for an This desire is hered and		· · · · · · · · · · · · · · · · · · ·		



	5-2-12 5-2-12	<u>6-2-12</u> 7-2-12 1-0-0 1-0-0	<u>15-9-8</u> 8-6-12	
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [18:E	dge,0-1-8], [19:0-1-8,0-1-	8]	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING-1-4-0Plate Grip DOL1.00Lumber DOL1.00Rep Stress IncrYESCode IRC2021/TPI2014	CSI. TC 0.42 BC 0.83 WB 0.35 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) -0.18 13-14 >999 480 Vert(CT) -0.24 13-14 >765 360 Horz(CT) 0.03 10 n/a n/a	PLATES GRIP MT20 244/190 Weight: 82 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S BOT CHORD 2x4 S			end verticals.	rectly applied or 6-0-0 oc purlins, except

2x4 SP No.3(flat) WFBS

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

REACTIONS. (lb/size) 18=563/0-2-10 (min. 0-1-8), 10=568/0-3-8 (min. 0-1-8)

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

TOP CHORD 18-19=-565/0, 1-19=-554/0, 1-2=-561/0, 2-3=-1506/0, 3-4=-1987/0, 4-5=-2058/0, 5-6=-1725/0, 6-7=-1725/0, 7-8=-902/0

BOT CHORD 16-17=0/1126, 15-16=0/1987, 14-15=0/1987, 13-14=0/1987, 12-13=0/2018, 11-12=0/1398, 10-11=0/384

3-16=-650/0, 2-16=0/494, 2-17=-736/0, 1-17=0/725, 5-12=-374/0, 7-12=0/418, 7-11=-645/0, 8-11=0/674, 8-10=-697/0 WEBS

NOTES-(5-8)

1) Unbalanced floor live loads have been considered for this design

Provide mechanical connection (by others) of truss to bearing plate at joint(s) 18.

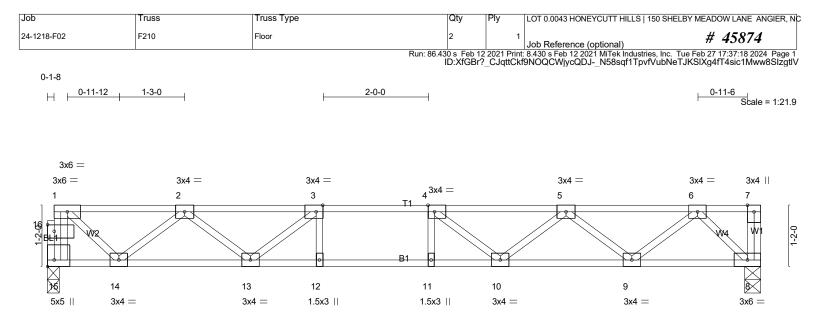
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

- 4) CAUTION, Do not erect truss backwards.
- 5) 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.
- 6) 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.
- 7) 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.

8) 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





	5-2-12	6-2-12	7-2-12	13-6-10		1
	5-2-12	1-0-0	1-0-0	6-3-14		1
Plate Offsets (X,Y) [3:0-1-8,Edge], [4:0-1-8,Edge], [15:Edge,0-1-8], [16:0-1-8,0-1-8]						
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.27 BC 0.52 WB 0.29 Matrix-SH	Vert(LL) -0.0	n (loc) l/defl L/d 9 10-11 >999 480 2 10-11 >999 360 2 8 n/a n/a	PLATES MT20 Weight: 69 lb	GRIP 244/190 FT = 20%F, 11%E
		Maulx-SH			weight. 09 lb	FT = 20%F, TT%E
LUMBER-			BRACING-			
TOP CHORD 2x4 SP BOT CHORD 2x4 SP			TOP CHORD	Structural wood sheathing d end verticals.	irectly applied or 6-	0-0 oc purlins, except
WEBS 2x4 SP	No.3(flat)		BOT CHORD	Rigid ceiling directly applied	or 10-0-0 oc bracin	ıg.

WFBS 2x4 SP No.3(flat)

REACTIONS. (lb/size) 15=481/0-2-10 (min. 0-1-8), 8=485/0-3-8 (min. 0-1-8)

- - - -

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

TOP CHORD 15-16=-480/0, 1-16=-471/0, 1-2=-470/0, 2-3=-1215/0, 3-4=-1512/0, 4-5=-1403/0, 5-6=-873/0

BOT CHORD 13-14=0/948, 12-13=0/1512, 11-12=0/1512, 10-11=0/1512, 9-10=0/1252, 8-9=0/477

WEBS 3-13=-436/0, 2-13=0/347, 2-14=-622/0, 1-14=0/607, 4-10=-269/10, 5-9=-493/0, 6-9=0/516, 6-8=-665/0

(5-8) NOTES-

1) Unbalanced floor live loads have been considered for this design.

2) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 15.

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

4) CAUTION, Do not erect truss backwards

5) 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.

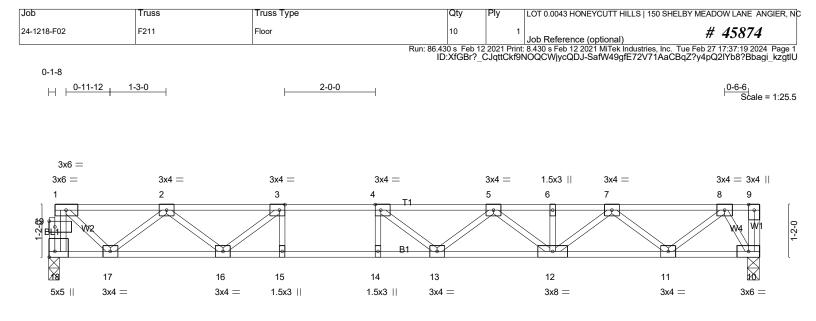
6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

7) 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. 8) 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





	5-2-12 5-2-12	<u>6-2-12</u> 7-2-12 1-0-0 1-0-0	<u>15-9-2</u> 8-6-6	
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [18:E	dge,0-1-8], [19:0-1-8,0-1-8	1	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING-1-4-0Plate Grip DOL1.00Lumber DOL1.00Rep Stress IncrYESCode IRC2021/TPI2014	CSI. TC 0.42 BC 0.82 WB 0.34 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) -0.18 13-14 >999 480 Vert(CT) -0.24 13-14 >770 360 Horz(CT) 0.03 10 n/a n/a	PLATES GRIP MT20 244/190 Weight: 82 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S BOT CHORD 2x4 S			BRACING- TOP CHORD Structural wood sheathing dir end verticals.	rectly applied or 6-0-0 oc purlins, except

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

REACTIONS. (lb/size) 18=562/0-2-10 (min. 0-1-8), 10=566/0-3-8 (min. 0-1-8)

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

TOP CHORD 18-19=-564/0, 1-19=-553/0, 1-2=-560/0, 2-3=-1502/0, 3-4=-1980/0, 4-5=-2049/0, 5-6=-1713/0, 6-7=-1713/0, 7-8=-887/0

BOT CHORD 16-17=0/1124, 15-16=0/1980, 14-15=0/1980, 13-14=0/1980, 12-13=0/2007, 11-12=0/1384, 10-11=0/368

3-16=-647/0, 2-16=0/492, 2-17=-734/0, 1-17=0/723, 5-12=-375/0, 7-12=0/420, 7-11=-647/0, 8-11=0/676, 8-10=-690/0 WEBS

NOTES-(5-8)

1) Unbalanced floor live loads have been considered for this design

Provide mechanical connection (by others) of truss to bearing plate at joint(s) 18.

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

4) CAUTION, Do not erect truss backwards.

5) 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.

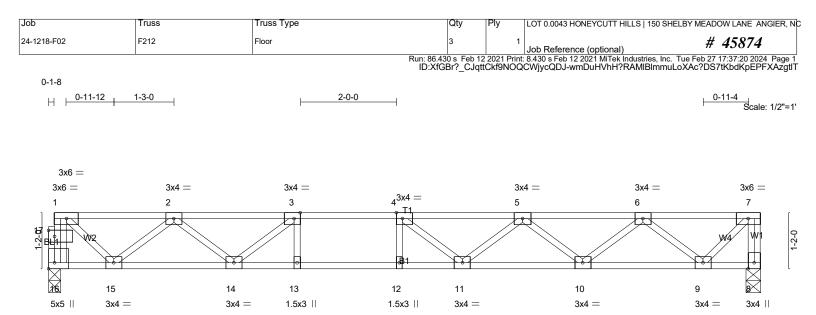
6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

7) 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.

8) 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





ŀ	5-2-12 5-2-12	<u>6-2-12</u> 1-0-0 <u>7-2-12</u>	<u>14-9-8</u> 7-6-12	
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [16:E	dge,0-1-8], [17:0-1-8,0-1-8]		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.35 BC 0.69 WB 0.32 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) -0.14 11-12 >999 480 Vert(CT) -0.18 11-12 >941 360 Horz(CT) 0.03 8 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 75 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF			BRACING- TOP CHORD Structural wood sheathing d	lirectly applied or 6-0-0 oc purlins, except

2x4 SP No 1(flat 2x4 SP No.3(flat) WFBS

end verticals

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

REACTIONS. (lb/size) 16=527/0-3-0 (min. 0-1-8), 8=531/0-3-8 (min. 0-1-8)

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

TOP CHORD 16-17=-527/0, 1-17=-517/0, 7-8=-529/0, 1-2=-521/0, 2-3=-1376/0, 3-4=-1775/0, 4-5=-1765/0, 5-6=-1352/0, 6-7=-476/0

BOT CHORD 14-15=0/1047, 13-14=0/1775, 12-13=0/1775, 11-12=0/1775, 10-11=0/1675, 9-10=0/1017

3-14=-554/0, 2-14=0/428, 2-15=-685/0, 1-15=0/672, 5-10=-420/0, 6-10=0/436, 6-9=-704/0, 7-9=0/666 WEBS

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.

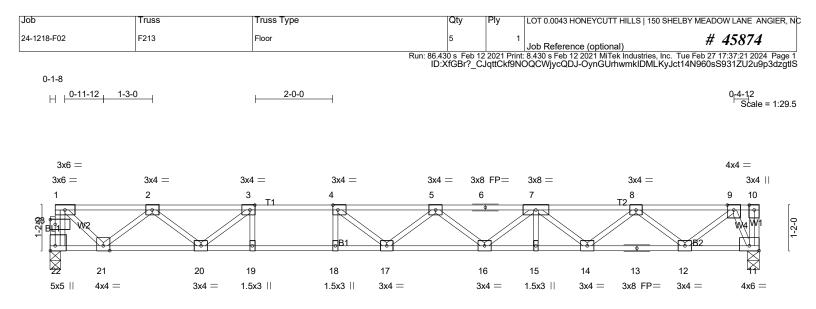
5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

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





 	5-2-12 6-2- 5-2-12 1-0		<u>18-1-8</u> 10-10-12	I
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [11:E	dge,0-1-8], [22:Edge,0-1	-8], [23:0-1-8,0-1-8]	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.61 BC 0.75 WB 0.40 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) -0.28 17-18 >758 480 Vert(CT) -0.39 17-18 >551 360 Horz(CT) 0.04 11 n/a n/a	PLATES GRIP MT20 244/190 Weight: 93 lb FT = 20%F, 11%E
			BRACING- TOP CHORD Structural wood sheathing d end verticals. BOT CHORD Rigid ceiling directly applied	irectly applied or 6-0-0 oc purlins, except or 10-0-0 oc bracing.

REACTIONS. (lb/size) 22=649/0-3-0 (min. 0-1-8), 11=653/0-3-8 (min. 0-1-8)

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

TOP CHORD 22-23=-653/0, 1-23=-641/0, 1-2=-657/0, 2-3=-1805/0, 3-4=-2480/0, 4-5=-2748/0, 5-6=-2622/0, 6-7=-2622/0, 7-8=-2008/0, 8-9=-980/0

BOT CHORD 20-21=0/1313, 19-20=0/2480, 18-19=0/2480, 17-18=0/2480, 16-17=0/2821, 15-16=0/2422, 14-15=0/2422, 13-14=0/1600, 12-13=0/1600 11-12=0/340

WEBS 3-19=0/320, 4-18=-299/0, 3-20=-883/0, 2-20=0/641, 2-21=-854/0, 1-21=0/849, 4-17=-63/456, 5-16=-260/0, 7-16=0/256, 7-14=-528/0, 8-14=0/532, 8-12=-807/0, 9-12=0/832, 9-11=-761/0

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.

CAUTION, Do not erect truss backwards.

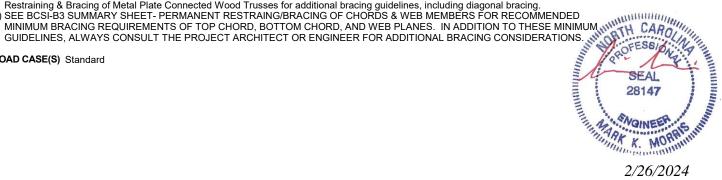
4) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.

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)

LOAD CASE(S) Standard



Job	russ	Truss Type	Qty	Ply	LOT 0.0043 HON	EYCUTT HILLS	150 SHELBY MEAD	OW LANE ANGIER, NC
24-1218-F02 F	214	Floor Supported Gable	1	1	Job Reference			45874
			Run: 86.430 s Feb ID:XfGBr?_	2 2021 Print CJqttCkf9N	: 8.430 s Feb 12 20 IOQCWjycQDJ-	021 MiTek Industri s9LeiBiYX2Q4_	ies, Inc. Tue Feb 27 Vu8tJOGcbiQKG	17:37:22 2024 Page 1 y?oaddHYuMb3zgtlR
0 ₁ 1 ₁ 8								
								Scale = 1:25.1
3x4								
3x6 = 1.5x3 ∥	1.5x3 1.5x3	1.5x3 1.5x3	3x4 = 1.5	x3	1.5x3	1.5x3	1.5x3 1	.5x3 3x4
1 2	3 4	5 6	7 8		9	10	11	12 13
	<u> </u>	0			<u> </u>	-0	•	
	ST1 ST1	ST1 ST1	ST1 W2 S	1	ST1	ST1	ST1	ST1 W1 Q
			B1 D	-		Ц		
			XXXXXXXXXX	XXXXX				
26 25	24 23	22 21	20 19		18	17		15 14
5x5 1.5x3	1.5x3 1.5x3	1.5x3 1.5x3	1.5x3 3x4		1.5x3	1.5x3	1.5x3 1	.5x3 3x4

Plate Offsets (X,Y)	15-5-10 15-5-10 Plate Offsets (X,Y) [1:Edge,0-1-8], [7:0-1-8,Edge], [19:0-1-8,Edge], [26:Edge,0-1-8], [27:0-1-8,0-1-8]								
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a 999	PLATES GRIP MT20 244/190 Weight: 70 lb FT = 20%F, 11%E				
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing of end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except d or 10-0-0 oc bracing.				

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 15-5-10.

(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

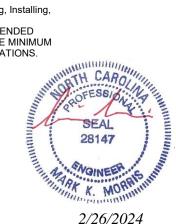
FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

NOTES-(6-9)

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.
- 5) CAUTION, Do not erect truss backwards.
- 6) 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.
- 7) 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.
- 8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, 9) 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.

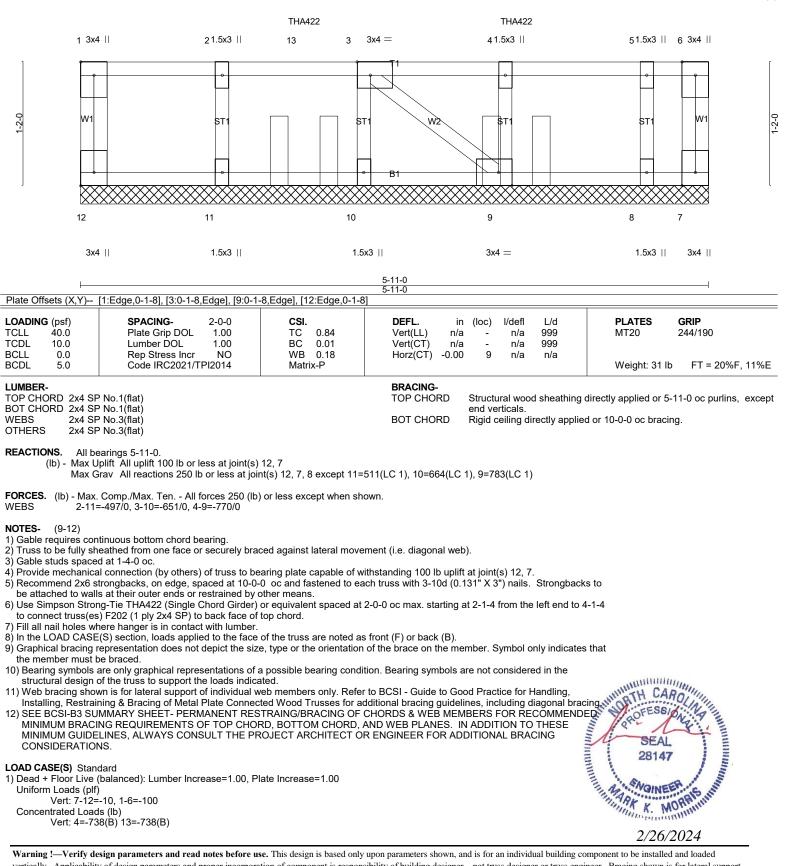
LOAD CASE(S) Standard



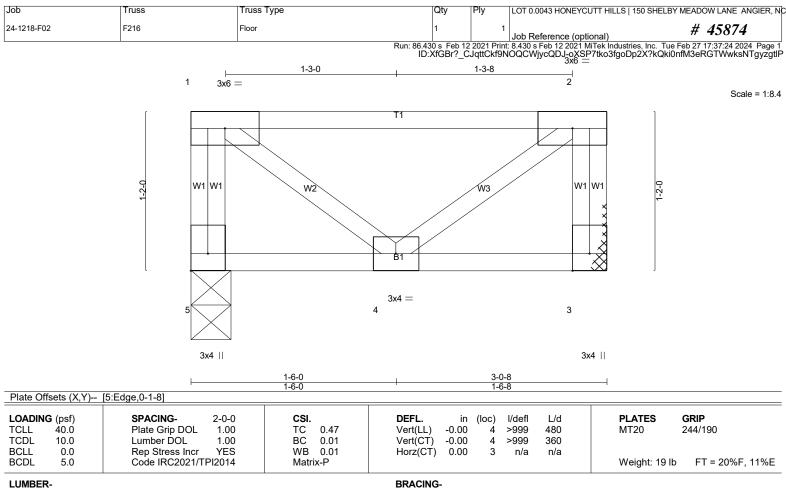
Job	Truss	Truss Type	Qty	Ply	LOT 0.0043 HONEYCUTT HILLS 150 SHE	ELBY MEADOW LANE ANGIER, NC
24-1218-F02	F215	Floor Girder	1	1	Job Reference (optional)	# 45874
		Dup: 96.43	0 c Eob 12	2021 Drint	8 430 c Ech 12 2021 MiTck Industries Inc.	Tuo Eob 27 17:37:23 2024 Dago 1

h: 86.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Feb 27 17:37:23 2024 Page 1 ID:XfGBr? CJqttCkf9NOQCWjycQDJ-KLu1vXjAIMYxcfTLR1vV9oEOxgIDX?dnWCev7VzgtlQ

Scale = 1:10.9



vertically. Applicability of begin 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.



LUMBER-

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

TOP CHORD Structural wood sheathing directly applied or 3-0-8 oc purlins, except end verticals BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (Ib/size) 5=154/0-3-8 (min. 0-1-8), 3=154/Mechanical

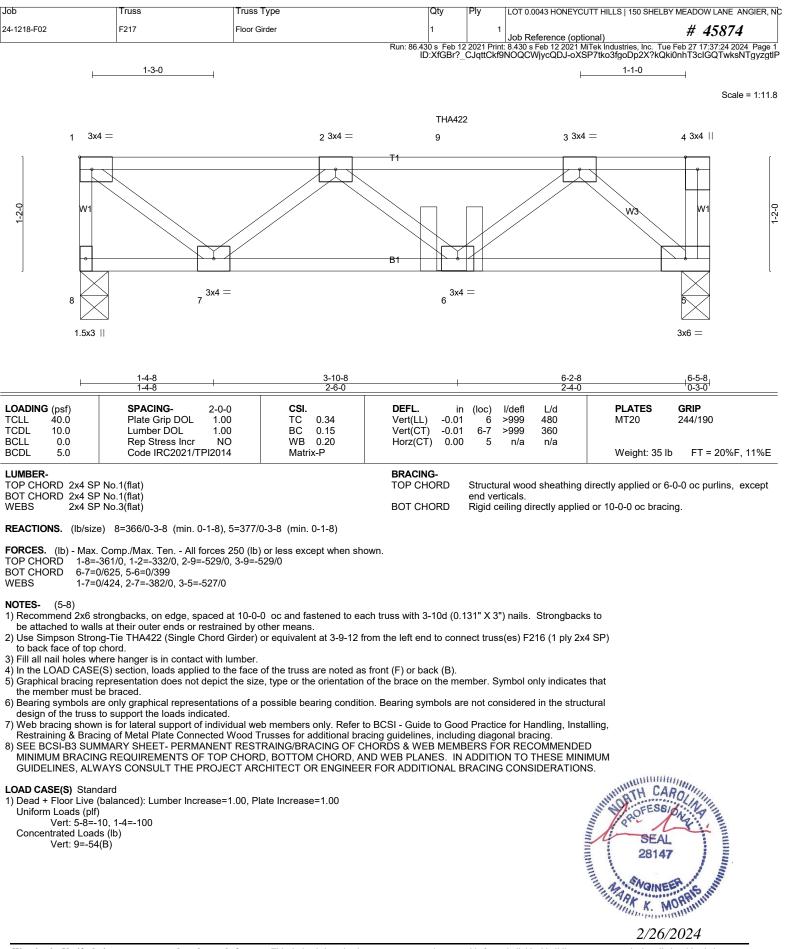
FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

NOTES-(3-6)

- 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
- 3) 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.
- 4) 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.
- 5) 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. 6) 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





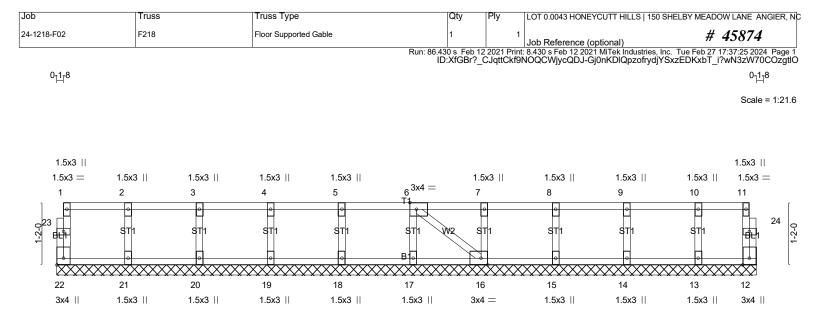


Plate Offsets (X,Y)	[6:0-1-8,Edge], [16:0-1-8,Edge], [22:E	Edge,0-1-8]	13-1-0 13-1-0		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. i Vert(LL) n/ Vert(CT) n/ Horz(CT) 0.0	a - n/a 999	PLATES GRIP MT20 244/190 Weight: 58 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing of end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except

REACTIONS. All bearings 13-1-0.

2x4 SP No.3(flat)

(lb) - Max Grav All reactions 250 lb or less at joint(s) 22, 12, 21, 20, 19, 18, 17, 16, 15, 14, 13

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

NOTES- (5-8)

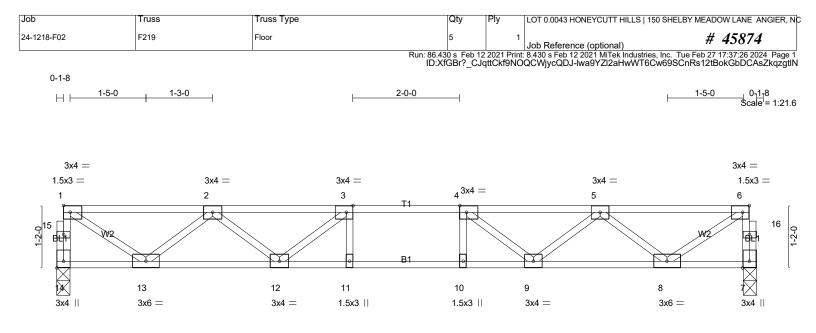
OTHERS

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.
- 5) 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.
- 6) 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.
- 7) 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.
 8) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED
- 8) 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





	5-6-8	6-6-8	1-0-8		-1-0	
	5-6-8	1-0-0	1-0-0	5-6	6-8	1
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) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.33 BC 0.59 WB 0.48 Matrix-SH	Vert(LL) -0.2	in (loc) l/defl L/d 10 11-12 >999 480 13 11-12 >999 360 03 7 n/a n/a		GRIP 244/190 FT = 20%F. 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF	P No.1(flat)	WallAST	BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly applied	lirectly applied or 6-0-	0 oc purlins, except

REACTIONS. (lb/size) 14=700/0-3-0 (min. 0-1-8), 7=700/0-3-0 (min. 0-1-8)

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

TOP CHORD 14-15=-694/0, 1-15=-692/0, 7-16=-694/0, 6-16=-692/0, 1-2=-869/0, 2-3=-1848/0, 3-4=-2143/0, 4-5=-1848/0,

- 5-6=-869/0 BOT CHORD 12-13=0/1542, 11-12=0/2143, 10-11=0/2143, 9-10=0/2143, 8-9=0/1542
- WEBS 3-12=-509/0, 2-12=0/428, 2-13=-876/0, 1-13=0/1012, 4-9=-509/0, 5-9=0/428, 5-8=-876/0, 6-8=0/1012

NOTES-(3-6)

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) 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.

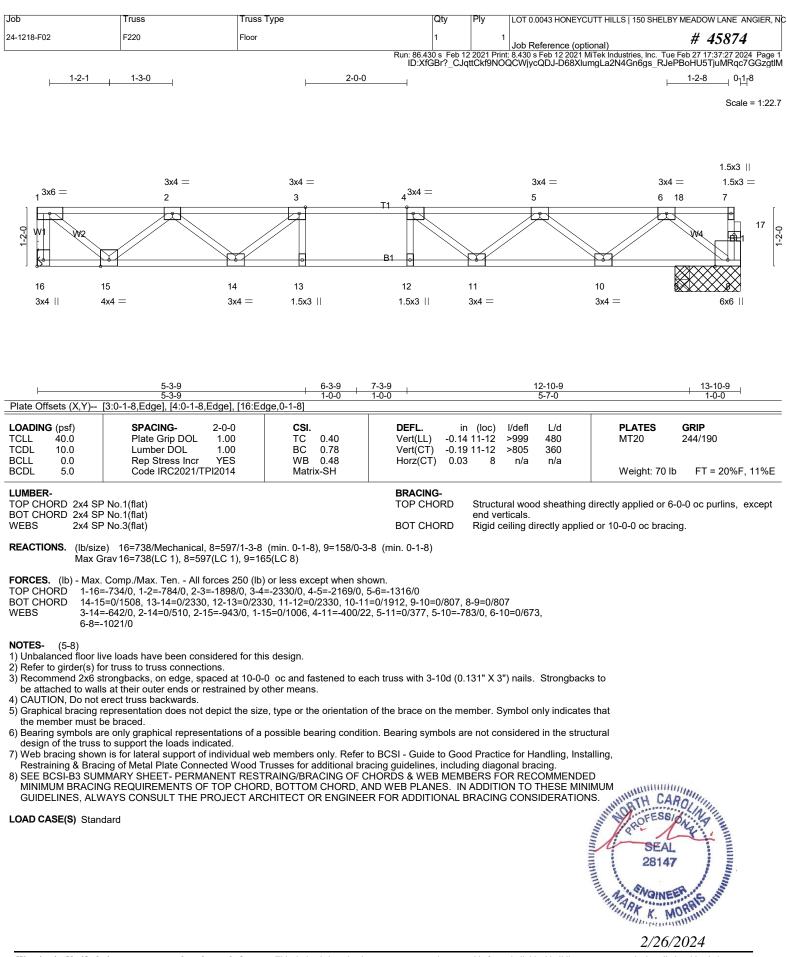
4) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

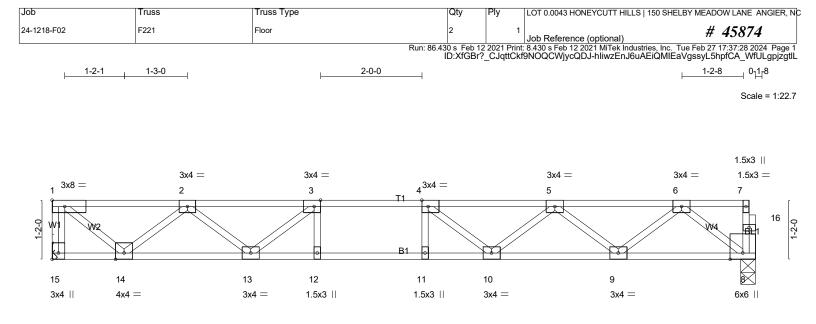
5) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 6) SEE BCSI-B3 SUMMARY SHEET- PERMANENT 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







	5-3-9		<u>13-10-</u>	9
	5-3-9		I-0-0 6-7-0	· · ·
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [15:Ed	lge,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 0.42	Vert(LL) -0.15 10-11 >999 480	MT20 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.00 Rep Stress Incr YES	BC 0.82 WB 0.49	Vert(CT) -0.20 10-11 >809 360	
BCDL 5.0	Rep Stress Incr YES Code IRC2021/TPI2014	WB 0.49 Matrix-SH	Horz(CT) 0.03 8 n/a n/a	Weight: 70 lb FT = 20%F, 11%E
LUMBER-			BRACING-	
TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat)			TOP CHORD Structural wood sheathing end verticals.	directly applied or 6-0-0 oc purlins, except

WFBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) 15=750/Mechanical, 8=743/0-3-8 (min. 0-1-8)

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

TOP CHORD 1-15=-746/0, 1-2=-798/0, 2-3=-1942/0, 3-4=-2401/0, 4-5=-2253/0, 5-6=-1477/0

BOT CHORD 13-14=0/1535, 12-13=0/2401, 11-12=0/2401, 10-11=0/2401, 9-10=0/2037, 8-9=0/889

WEBS 3-13=-678/0, 2-13=0/533, 2-14=-960/0, 1-14=0/1024, 4-10=-400/40, 5-10=0/358, 5-9=-729/0, 6-9=0/766, 6-8=-1125/0

(5-8) NOTES-

1) Unbalanced floor live loads have been considered for this design.

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

5) 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.

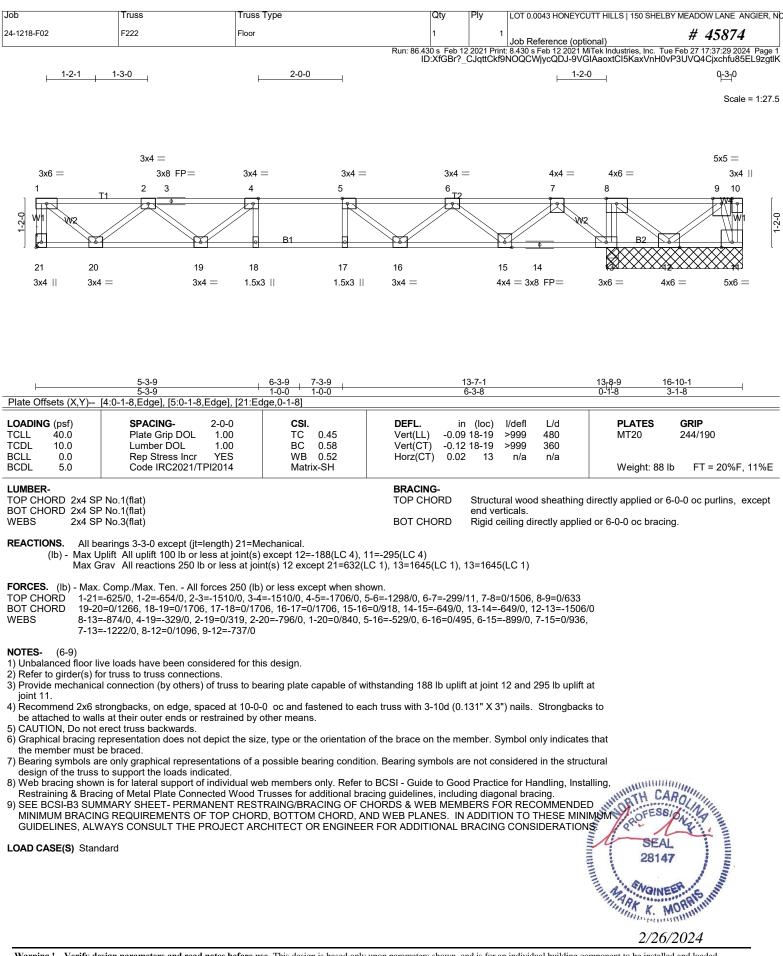
6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

7) 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. 8) 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





Job	Truss	Truss Type	Qty	Ply LOT 0.0043	HONEYCUTT HILLS 150 SHEL	BY MEADOW LANE ANGIER, NO
24-1218-F02	F223	Floor	1	1 Job Refere	ence (optional)	# 45874
			Run: 86.430 s Feb ID:XfGBr?	12 2021 Print: 8.430 s Feb CJqttCkf9NOQCWjyc	12 2021 MiTek Industries, Inc. T QDJ-5tN2bGpBPpYpZt5tvi21	ue Feb 27 17:37:31 2024 Page 1 NUUamlupUPV5yLSaKP2zgtll
0-11-8 1	-3-0 2-0-0	0-10-12 0-7-12	2-0-0	-1		0 _[3 ₇ 8
						Scale = 1:40.0
		4x6 =				
3x6 =	3x4 = 3x4 =	3x6 = 3x8 FP= 4x4		3x4 = 3x4	= 1.5x3 3x4 =	4x4 = 5x6 =
		456 7	8 	9 10 T2 10	11 12	13 W64
	B1			B B2		-2-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-
	28 27 2	6 25 24 23	22 21	20 19	18 17	16 15
3x4 3x4 =		4 = 3x6 = 3x8 FP		.5x3 3x4 =	3x8 = 4x4	
		4x6 =				5x5 =
2-7-0	4-8-8 3-7-0 4-7-0 5-9-6		13-10-8,14-10- 1-0-0 1-0-0	-8	24-5-0	
2-7-0 Plate Offsets (X Y	' 1-0-0 ' 1-0-0 '' 1-0-14 ' 0-1-8) [2:0-1-8 Edge] [3:0-1-8 E	1-0-14 '' 5-10-12 0-1-8 dge], [8:0-1-8,Edge], [9:0-1-8,E			9-6-8	
OADING (psf)	SPACING-	2-0-0 CSI .		n (loc) l/defl L	./d PLATES	GRIP
CLL 40.0 CDL 10.0	Plate Grip DOL Lumber DOL	1.00TC0.781.00BC0.94	Vert(LL) -0.3	3 19-20 >636 4	80 MT20 60	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr Code IRC2021/TP	YES WB 0.59	Horz(CT) 0.0		/a Weight: 12	5 lb FT = 20%F, 11%E
LUMBER-			BRACING-			
	SP No.1(flat) *Except*		TOP CHORD	end verticals.	0 11	5-1-10 oc purlins, except
	2x4 SP SS(flat) SP No.3(flat)		BOT CHORD	Rigid ceiling direct	ly applied or 2-2-0 oc brac	ing.
		-1-8), 15=893/0-3-0 (min. 0-1-6	8), 25=1537/0-3-8 (min. 0-	1-8)		
	x Uplift30=-42(LC 4) x Grav30=332(LC 3), 15=90	2(LC 7), 25=1537(LC 1)				
FORCES. (Ib) - M	ax. Comp./Max. Ten All fo	rces 250 (lb) or less except who	en shown.			
6-		2-3=-455/311, 3-4=-28/735, 4-5 -3265/0, 9-10=-3501/0, 10-11=				
BOT CHORD 28	3-29=-311/455, 27-28=-311/4	55, 26-27=-311/455, 25-26=-1 21-22=0/3265, 20-21=0/3265,	102/0, 24-25=-352/0, 19 20=0/3265, 18 19=0/35	15		
17	7-18=0/2717, 16-17=0/1332	5=-473/0, 2-29=-279/306, 1-29=		10,		
4-	26=0/568, 8-22=-1146/0, 7-2	22=0/877, 7-24=-1186/0, 5-24=(12-18=0/532, 12-17=-877/0, 13	0/1244, 5-25=-1305/0,			
	I-16=0/908			,		
NOTES- (5-8) 1) Unbalanced floo	or live loads have been cons	idered for this design.				
2) Provide mechar	nical connection (by others) of	of truss to bearing plate capable ced at 10-0-0 oc and fastened			ongbacks to	
be attached to v	valls at their outer ends or re	strained by other means.		,	0	Mun.
i) Graphical bracin the member mu	ng representation does not d st be braced	epict the size, type or the orient	tation of the brace on the m	ember. Symbol only	indicates that WHATH C	AROLIN
	s are only graphical represents to support the loads indic		ondition. Bearing symbols a	are not considered in	the structural	O DAY A THE
7) Web bracing sh	own is for lateral support of i	ndividual web members only. F			ing, Installing,	L
3) SEE BCSI-B3 S	UMMARY SHEET- PERMA	NENT RESTRAING/BRACING TOP CHORD, BOTTOM CHOP	OF CHORDS & WEB MEM	IBERS FOR RECON		47
GUIDELINES, A	ALWAYS CONSULT THE PR	ROJECT ARCHITECT OR ENG	INEER FOR ADDITIONAL	BRACING CONSIDE	RATIONS	EER & M
L OAD CASE(S) S	tandard				THE ARK K	MORRENT MARK
					7/74	5/2024
					2/20	0/2024

Job	Truss	Truss Type	Qty PI	y LOT 0.0043 HONEYCU	TT HILLS 150 SHELBY	MEADOW LANE ANGIER, NC
24-1218-F02	F224	Floor	2	1 Job Reference (optio		# 45874
			Run: 86.430 s Feb 12 20 ID:XfGBr?_CJqttCl	21 Print: 8.430 s Feb 12 2021 Mi ⟨f9NOQCWjycQDJ-1GVp0yrl	Tek Industries, Inc. Tue RxQoWpBEG074sZv	f56iUCtPmFpm3RUwzgtlG
<mark>⊦0-11-8₁ 1-3-0</mark>	- ├──2-0-0	20 <u>-7-12</u>	2-0-0			0-1-8 0 <mark>-4-</mark> 0 <u>0-9-0</u> ⊣ Scale = 1:41.9
3x6 = 2 1 3x6 = 2 3x6 = 2 $3x4 \parallel 4x4 = 1$	2 3 1 8 8 8 1 8 8 1 8 1 8 1 8 1 8 1 8 1 8	27 26 25 24	1.5x3 1.5x3 4	$4x4 = 1.5x3 4x$ $T_{10} = 11 = 12$ $B2 = 12$ $B2 = 12$ $B2 = 12$ $C = 12$ $B2 = 12$ $C =$		1.5x3 $4x8 = 3x4 =$ $14 15$ $4x8 = 3x4 =$ $3x4 =$ $3x4 $
<u>2-7-0</u> 2-7-0 Plate Offsets (X,Y)	<u>3-7-0</u> <u>4-7-0</u> <u>5-9-6</u> <u>6-10-4</u> <u>1-0-0</u> <u>1-0-0</u> <u>1-0-14</u> <u>1-0-14</u> <u>0-1-8</u> <u>0-1</u>	1-12 1	13-10-814-10-8 1-0-0 52:Edge,0-1-8], [33:0-1-8	24-4-0 9-5-8 3,0-1-8]		25-5-8 24-5-8 0-1-8 1-0-0
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0 Plate Grip DOL 1.0 Lumber DOL 1.0	-0 CSI. 00 TC 0.85 100 BC 0.99 O WB 0.58	DEFL. in (I Vert(LL) -0.33 21 Vert(CT) -0.43 21	oc) l/defl L/d -22 >631 480	PLATES MT20 Weight: 131 I	GRIP 244/190 b FT = 20%F, 11%E
			er	ructural wood sheathing d nd verticals. gid ceiling directly applied		
Max L	e) 32=230/0-3-8 (min. 0-1-8 Jplift32=-40(LC 6) Grav 32=334(LC 5), 17=1320(I	e), 17=1319/0-3-8 (min. 0-1-8), 2 -C 4), 27=1520(LC 3)	27=1517/0-3-8 (min. 0-1-8))		
TOP CHORD 1-32: 4-5= 10-1 BOT CHORD 30-3 25-2 19-2 WEBS 8-23: 3-28: 5-27:	=-338/22, 16-33=-335/0, 33-3 0/1090, 5-6=-854/0, 6-7=-854 1=-2971/0, 11-12=-2971/0, 12 1=-305/465, 29-30=-305/465, 6=0/1727, 24-25=0/1727, 23- 0=0/2535, 18-19=0/1108, 17- =0/384, 9-22=-353/6, 4-27=-4 =-851/0, 4-28=0/565, 8-24=-1	28-29=-305/465, 27-28=-1090/0 24=0/3174, 22-23=0/3174, 21-22 18=-297/0, 16-17=-293/0 73/0, 14-17=-1238/0, 2-31=-287 101/0, 7-24=0/849, 7-26=-1165/ 20=-506/0, 12-20=0/556, 12-19=	65/305, 3-4=-45/725, 10=-3376/0, 0, 26-27=-353/0, 2=0/3174, 20-21=0/3368, /301, 1-31=-96/333, 0, 5-26=0/1221,			
 Provide mechanica Load case(s) 1, 2, verify that they are Recommend 2x6 s be attached to wall CAUTION, Do not Graphical bracing i the member must i Bearing symbols a design of the truss Web bracing show Restraining & Brac SEE BCSI-B3 SUM MINIMUM BRACIN 	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, correct for the intended use of trongbacks, on edge, spaced ls at their outer ends or restra erect truss backwards. representation does not depic be braced. re only graphical representati to support the loads indicate n is for lateral support of indivi- cing of Metal Plate Connected IMARY SHEET- PERMANEN IG REQUIREMENTS OF TOI VAYS CONSULT THE PROJ	uss to bearing plate capable of w 13, 14, 15, 16, 17, 18 has/have l of this truss. at 10-0-0 oc and fastened to ea ined by other means. At the size, type or the orientation ons of a possible bearing conditi	been modified. Building de ach truss with 3-10d (0.131 n of the brace on the memb ion. Bearing symbols are n to BCSI - Guide to Good P acing guidelines, including CHORDS & WEB MEMBEF ND WEB PLANES. IN AD	signer must review loads to " X 3") nails. Strongbacks er. Symbol only indicates ot considered in the struct ractice for Handling, Insta diagonal bracing. SFOR RECOMMENDED DITION TO THESE MINIM	to BTH CAR	BRADE HILLING
	• • • •	before use. This design is based only		e . p	2/26/2	2024

Job	Truss	Truss Type	Qty Ply LOT 0.0043 HONEYCUTT HILLS 150 SHELBY MEADOW LANE ANGIER, NC
24-1218-F02	F224	Floor	² 1 Job Reference (optional) # 45874
			Run: 86.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Feb 27 17:37:34 2024 Page 2

Run: 86.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Feb 27 17:37:34 2024 Page 2 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-WS3BDIr3ikwNQLpSaqc567CGs5pRcs0O2Qo?0MzgtlF

LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 16-32=-10, 1-15=-100 Concentrated Loads (lb) Vert: 15=-300	
2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 16-32=-10, 1-15=-100 Concentrated Loads (lb) Vert: 15=-300	
 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) 	
Vert: 16-32=-10, 1-14=-100, 14-15=-20 Concentrated Loads (lb) Vert: 15=-300	
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 16-32=-10, 1-4=-20, 4-15=-100	
Concentrated Loads (lb) Vert: 15=-300	
5) 3rd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 16-32=-10, 1-4=-100, 4-14=-20, 14-15=-100	
Concentrated Loads (lb) Vert: 15=-300	
6) 4th Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 16-32=-10, 1-4=-20, 4-14=-100, 14-15=-20	
Concentrated Loads (lb) Vert: 15=-300	
7) 5th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 16-32=-10, 1-14=-100, 14-15=-20	
Concentrated Loads (lb) Vert: 15=-300	
 8) 6th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 16-32=-10, 1-4=-20, 4-15=-100 	
Concentrated Loads (lb) Vert: 15=-300 9) 7th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf) Vert: 16-32=-10, 1-4=-100, 4-14=-20, 14-15=-100	
Concentrated Loads (lb) Vert: 15=-300 10) 8th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf) Vert: 16-32=-10, 1-4=-20, 4-14=-100, 14-15=-20	
Concentrated Loads (lb) Vert: 15=-300 11) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00)
Uniform Loads (plf) Vert: 16-32=-10, 1-3=-100, 3-4=-20, 4-14=-100, 14-15=-20	
Concentrated Loads (lb) Vert: 15=-300 12) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.0	0
Uniform Loads (plf) Vert: 16-32=-10, 1-2=-20, 2-14=-100, 14-15=-20	•
Concentrated Loads (lb) Vert: 15=-300 13) 3rd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00)
Uniform Loads (plf) Vert: 16-32=-10, 1-9=-100, 9-14=-20, 14-15=-100	
Concentrated Loads (lb) Vert: 15=-300 14) 4th chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00)
Uniform Loads (plf) Vert: 16-32=-10, 1-4=-100, 4-8=-20, 8-14=-100, 14-15=-20	
Concentrated Loads (lb) Vert: 15=-300 15) 5th chase Dead: Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf) Vert: 16-32=-10, 1-3=-100, 3-4=-20, 4-14=-100, 14-15=-20	
Concentrated Loads (lb) Vert: 15=-300 16) 6th chase Dead: Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf) Vert: 16-32=-10, 1-2=-20, 2-14=-100, 14-15=-20	



	LBY MEADOW LANE ANGIER, NC
24-1218-F02 F224 Floor 2 1 Job Reference (optional)	# 45874

: 86.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Feb 27 17:37:34 2024 Page 3 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-WS3BDIr3ikwNQLpSaqc567CGs5pRcs0O2Qo?0MzgtlF

LOAD CASE(S) Standard Concentrated Loads (lb)

Vert: 15=-300

17) 7th chase Dead: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf) Vert: 16-32=-10, 1-9=-100, 9-14=-20, 14-15=-100

Concentrated Loads (lb)

Vert: 15=-300

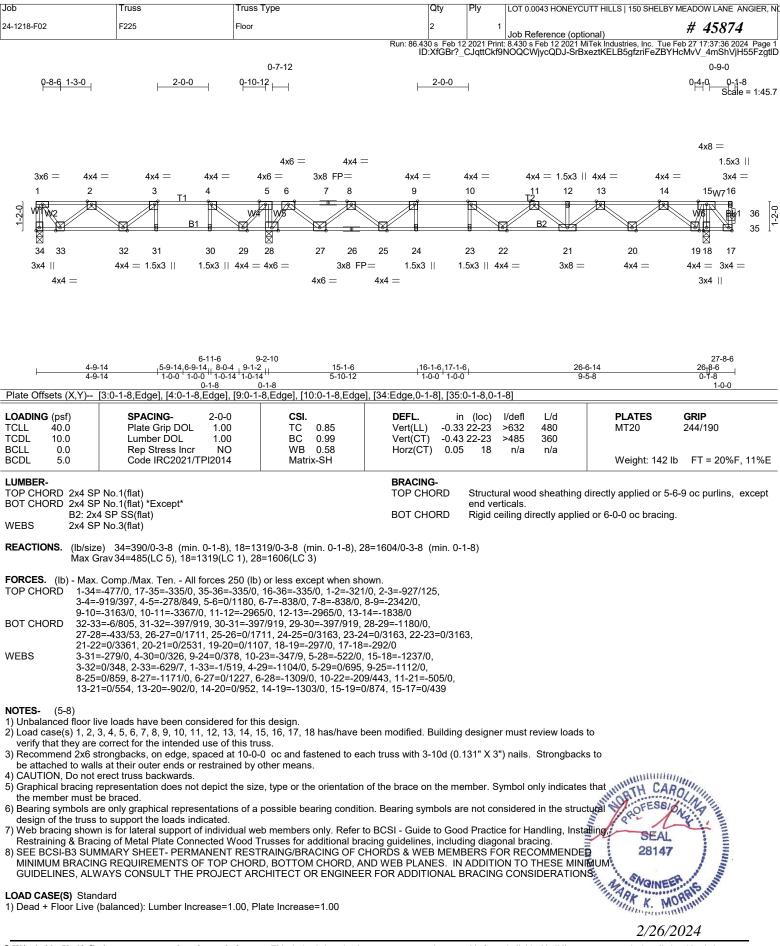
18) 8th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 16-32=-10, 1-4=-100, 4-8=-20, 8-14=-100, 14-15=-20 Concentrated Loads (Ib)

Vert: 15=-300



2/26/2024



Job	Truss	Truss Type	Qty	Ply	LOT 0.0043 HONEYCUTT HILLS 150 SHELBY MEADOW LANE ANGIER, NC
24-1218-F02	F225	Floor	2	1	Job Reference (optional) # 45874

Run: 86.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Feb 27 17:37:36 2024 Page 2 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-SrBxeztKELB5gfzriFeZBYHcMvV_4mShVjH55FzgtlD

	10.71
LOAD CASE(S) Standard	
Uniform Loads (plf) Vert: 17-34=-10, 1-16=-100	
Concentrated Loads (lb)	
Vert: 16=-300	
2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 17-34=-10, 1-16=-100	
Concentrated Loads (Ib)	
Vert: 16=-300 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf)	
Vert: 17-34=-10, 1-15=-100, 15-16=-20	
Concentrated Loads (lb) Vert: 16=-300	
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf)	
Vert: 17-34=-10, 1-5=-20, 5-16=-100 Concentrated Loads (lb)	
Vert: 16=-300	
5) 3rd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf) Vert: 17-34=-10, 1-5=-100, 5-15=-20, 15-16=-100	
Concentrated Loads (Ib)	
Vert: 16=-300 6) 4th Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf)	
Vert: 17-34=-10, 1-5=-20, 5-15=-100, 15-16=-20	
Concentrated Loads (lb) Vert: 16=-300	
7) 5th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf)	
Vert: 17-34=-10, 1-15=-100, 15-16=-20 Concentrated Loads (lb)	
Vert: 16=-300	
8) 6th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf) Vert: 17-34=-10, 1-5=-20, 5-16=-100	
Concentrated Loads (lb)	
Vert: 16=-300	
 9) 7th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) 	
Vert: 17-34=-10, 1-5=-100, 5-15=-20, 15-16=-100	
Concentrated Loads (lb) Vert: 16=-300	
10) 8th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf)	
Vert: 17-34=-10, 1-5=-20, 5-15=-100, 15-16=-20 Concentrated Loads (lb)	
Vert: 16=-300	
11) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf) Vert: 17-34=-10, 1-4=-100, 4-5=-20, 5-15=-100, 15-16=-20	
Concentrated Loads (lb)	
Vert: 16=-300	
12) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 17-34=-10, 1-3=-20, 3-15=-100, 15-16=-20	
Concentrated Loads (lb) Vert: 16=-300	
13) 3rd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf)	
Vert: 17-34=-10, 1-10=-100, 10-15=-20, 15-16=-100 Concentrated Loads (lb)	
Vert: 16=-300	
14) 4th chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf) Vert: 17-34=-10, 1-5=-100, 5-9=-20, 9-15=-100, 15-16=-20	
Concentrated Loads (Ib)	
Vert: 16=-300 /	
 5th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) 	
Vert: 17-34=-10, 1-4=-100, 4-5=-20, 5-15=-100, 15-16=-20	
Concentrated Loads (lb)	
Vert: 16=-300 16) 6th chase Dead: Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf)	
Vert: 17-34=-10, 1-3=-20, 3-15=-100, 15-16=-20	



Job	Truss	Truss Type	Qty	Ply	LOT 0.0043 HONEYCUTT HILLS 150 SHE	ELBY MEADOW LANE ANGIER, NC
24-1218-F02	F225	Floor	2	1	Job Reference (optional)	# 45874
		D 00 //			Job Reference (optional)	T 5 1 07 17 07 00 0001 D

Run: 86.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 Mi Fek Industries, Inc. Tue Feb 27 17:37:36 2024 Page 3 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-SrBxeztKELB5gfzriFeZBYHcMvV_4mShVjH55FzgtlD

LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 16=-300

17) 7th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 17-34=-10, 1-10=-100, 10-15=-20, 15-16=-100

Concentrated Loads (lb) Vert: 16=-300

18) 8th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 17-34=-10, 1-5=-100, 5-9=-20, 9-15=-100, 15-16=-20 Concentrated Loads (Ib)

Vert: 16=-300



2/26/2024

Job	Truss	Truss Type	Qty Ply	LOT 0.0043 HONEYCUTT	HILLS 150 SHELBY MEADOW LANE ANGIER, N
24-1218-F02	F226	Floor		1 Job Reference (optiona	
			ID:XfGBr?_CJqttCkf9	NOQCWjycQDJ-OEli3fva	k Industries, Inc. Tue Feb 27 17:37:38 2024 Page 1 amzRpvy7Dpgg1GzMysjBOYg?_y1mC98zgtlB 0-1-8
<u> 0-11-14 1-3-0</u>	<u>2-0-0</u> <u>0-10-12</u>	Q <u>-7-1</u> 2	2-0-0		0 <u></u> 4 <u></u> 0 <u>0</u> -9-0 Scale = 1:42.0
					State - 1.42.0
		4x6 = 4x4 =			1.5x3
3x6 = 4	$4x4 = 4x4 = 4x6$ $2 \qquad 3 \qquad 4$	5 6 7	4x4 = 4x4 = 8	$4x4 = 1.5x3 4x4$ $10 11 12$ $T_2^2 2$	= 4x4 = 4x8 = 3x4 = 13 14 15
	B B1 B1			B2	
32 31 3x4 4x4 = 1	30 29 28 2	7 26 25 24	23 22 21 1.5x3 1.5x3 4x4 =	20 = 3x8 =	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
3x4 4x4 —	1.5x5 1.5x5 4x4 — 4	xo — 4xo — 5xo FP— 4x4		- 3xo —	4x4 —
0.7.6	4-8-14 7-0		14-10-14	24.4.6	25-5-14
<u>2-7-6</u> 2-7-6	<u></u>		13-10-14 1-0-0 1-0-0	24-4-6 9-5-8	24-5-14 0-1-8 1-0-0
Plate Offsets (X,Y) LOADING (psf)	[2:0-1-8,Edge], [3:0-1-8,Edge] SPACING- 2-0-(], [32:Edge,0-1-8], [33:0-1-8,0-1		PLATES GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00	D TC 0.85	DEFL. in (loc) Vert(LL) -0.33 21-22 Vert(CT) -0.43 21-22	l/defl L/d >631 480 >485 360	MT20 244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr NC Code IRC2021/TPI2014	WB 0.58	Horz(CT) 0.05 17	n/a n/a	Weight: 131 lb FT = 20%F, 11%E
			end ve		ectly applied or 5-6-9 oc purlins,except r 6-0-0 oc bracing.
Max L	e) 32=233/0-3-8 (min. 0-1-8) Jplift32=-39(LC 6) Grav 32=337(LC 5), 17=1320(Lu	· · · · · · · · · · · · · · · · · · ·	27=1518/0-3-8 (min. 0-1-8)		
	. Comp./Max. Ten All forces =-340/22, 16-33=-335/0, 33-34				
4-5=	340/22, 10-33335/0, 33-34 0/1091, 5-6=-857/0, 6-7=-857/0 1=-2972/0, 11-12=-2972/0, 12-), 7-8=-2358/0, 8-9=-3176/0, 9			
BOT CHORD 30-3	1=-306/473, 29-30=-306/473, 2 6=0/1730, 24-25=0/1730, 23-2	28-29=-306/473, 27-28=-1091/			
WEBS 8-23:	0=0/2536, 18-19=0/1109, 17-1 =0/384, 9-22=-353/6, 4-27=-47	3/0, 14-17=-1238/0, 2-31=-287			
5-27	=-854/0, 4-28=0/566, 8-24=-11 =-1284/0, 9-21=-203/456, 10-2 8=-1305/0, 14-18=0/876, 14-16	0=-507/0, 12-20=0/557, 12-19			
NOTES- (6-9)	01303/0, 14-10-0/070, 14-10	-0/+33			
1) Unbalanced floor li 2) Provide mechanica		ss to bearing plate capable of v	withstanding 39 lb uplift at joint 3		
verify that they are	correct for the intended use of	this trues	been modified. Building designe		
be attached to wall	ls at their outer ends or restrain	ned by other means.	ach truss with 3-10d (0.131" X 3 n of the brace on the member. S tion. Bearing symbols are not co) hails. Strongbacks to	WHITH CARO
6) Graphical bracing the member must l	representation does not depict be braced.	the size, type or the orientation	n of the brace on the member. S	symbol only indicates the	at OFESGION A HILL
				nsidered in the structur	SEAL
Restraining & Brac	ing of Metal Plate Connected	Nood Trusses for additional br	to BCSI - Guide to Good Practic acing guidelines, including diag	ce for Handling, Installir onal bracing.	ng, 28147
MINIMUM BRACIN	IG REQUIREMENTS OF TOP	CHORD, BOTTOM CHORD, A	CHORDS & WEB MEMBERS F AND WEB PLANES. IN ADDITI ER FOR ADDITIONAL BRACIN	ON TO THESE MINIMU	AND ANGINEER SUIT
LOAD CASE(S) Stan					SEAL 28147 2/26/2024
	esign narameters and read notes l				2/26/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0043 HONEYCUTT HILLS	150 SHELBY MEADOW LANE ANGIER, NC
24-1218-F02	F226	Floor	1	1	Job Reference (optional)	# 45874
		·	Run: 86.430 s Eeb 12	2021 Print	1: 8 430 s Eeb 12 2021 MiTek Industrie	es Inc. Tue Feb 27 17:37:39 2024 Page 2

Run: 86.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 Mi Lek Industries, Inc. Tue Feb 27 17:37:39 2024 Page 2 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-sQs4G?vCWGZgX6iQNOBGpAv7b6XdH7F7BhWlhazgtIA

	ID.AIGDI !
LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 16-32=-10, 1-15=-100 Concentrated Loads (lb) Vert: 15=-300	
2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 16-32=-10, 1-15=-100	
Concentrated Loads (lb) Vert: 15=-300	
3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 16-32=-10, 1-14=-100, 14-15=-20	
Concentrated Loads (lb) Vert: 15=-300	
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 16-32=-10, 1-4=-20, 4-15=-100 Concentrated Loads (lb)	
Vert: 15=-300 5) 3rd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 16-32=-10, 1-4=-100, 4-14=-20, 14-15=-100 Concentrated Loads (lb) Vert: 15=-300	
6) 4th Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 16-32=-10, 1-4=-20, 4-14=-100, 14-15=-20 Concentrated Loads (lb)	
Vert: 15=-300 7) 5th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf) Vert: 16-32=-10, 1-14=-100, 14-15=-20 Concentrated Loads (lb)	
Vert: 15=-300 ´ 8) 6th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00	
Uniform Loads (plf) Vert: 16-32=-10, 1-4=-20, 4-15=-100	
Concentrated Loads (lb) Vert: 15=-300	
9) 7th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 16-32=-10, 1-4=-100, 4-14=-20, 14-15=-100 Concentrated Loads (lb) Vert: 15=-300	
10) 8th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 16-32=-10, 1-4=-20, 4-14=-100, 14-15=-20 Concentrated Loads (lb)	
Vert: 15=-300 ' 11) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.0	0
Uniform Loads (plf) Vert: 16-32=-10, 1-3=-100, 3-4=-20, 4-14=-100, 14-15=-20	
Concentrated Loads (lb) Vert: 15=-300	
12) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.0 Uniform Loads (plf))0
Vert: 16-32=-10, 1-2=-20, 2-14=-100, 14-15=-20 Concentrated Loads (lb)	
Vert: 15=-300 13) 3rd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.0 Uniform Loads (plf)	0
Vert: 16 [°] 32 [′] =-10, 1-9=-100, 9-14=-20, 14-15=-100 Concentrated Loads (lb)	
Vert: 15=-300 14) 4th chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.0 Uniform Loads (plf)	0
Vert: 16 [°] 32 [′] =-10, 1-4=-100, 4-8=-20, 8-14=-100, 14-15=-20 Concentrated Loads (lb)	
Vert: 15=-300 15) 5th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 16 [°] 32 [′] =-10, 1-3=-100, 3-4=-20, 4-14=-100, 14-15=-20 Concentrated Loads (lb)	
Vert: 15=-300 16) 6th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)	
Vert: 16-32=-10, 1-2=-20, 2-14=-100, 14-15=-20	



Job	Truss	Truss Type	Qty	Ply	LOT 0.0043 HONEYCUTT HILLS 150 SHELBY MEADOW LANE ANGIER, NC
24-1218-F02	F226	Floor	1	1	Job Reference (optional) # 45874

Run: 86.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Feb 27 17:37:39 2024 Page 3 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-sQs4G?vCWGZgX6iQNOBGpAv7b6XdH7F7BhWlhazgtlA

LOAD CASE(S) Standard Concentrated Loads (lb)

Vert: 15=-300

17) 7th chase Dead: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

- Vert: 16-32=-10, 1-9=-100, 9-14=-20, 14-15=-100 Concentrated Loads (lb)
- Vert: 15=-300
- 18) 8th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 16⁻³2⁼-10, 1-4=-100, 4-8=-20, 8-14=-100, 14-15=-20 Concentrated Loads (lb)

Vert: 15=-300

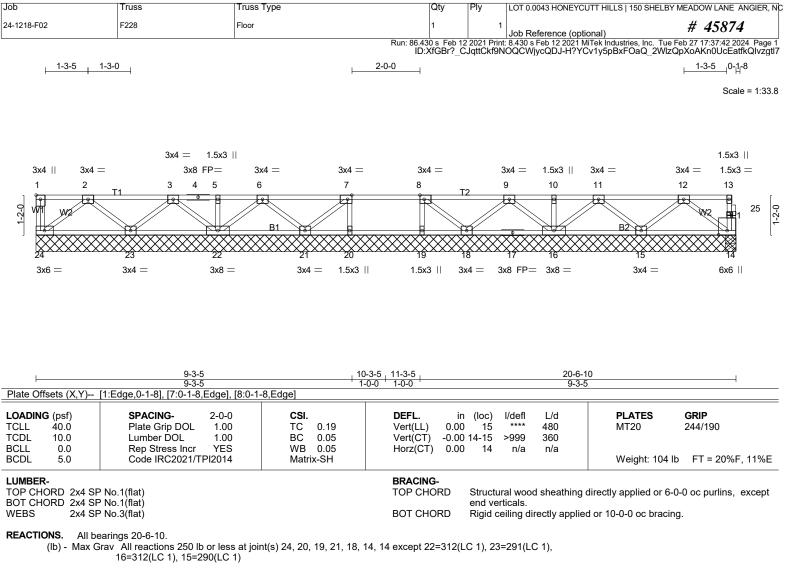


2/26/2024

Job 24-1218-F02		russ Type	Qty Ply	LOT 0.0043 HONEYCUTT HILL	S 150 SHELBY MEADOW LANE ANGIER, NC # 45874
0 ₁ 4- <u>101-3-0</u>		<u>9-7-1</u> 2	Run: 86.430 s Feb 12 2021 Print: ID:XfGBr?_CJqttCkf9NOG	Job Reference (optional) 8.430 s Feb 12 2021 MiTek Indi ICWiycQDJ-KcQSULwqHah	Jistries, Inc. Tue Feb 27 17:37:40 2024 Page 1 X8GHcx5iVLORI2WtCOanHQLFJE0zgtl9 ↓ <u>1-5-0</u> 0-1/-8 Scale = 1:39.9
4x6 = 3x4 $1_{W2} 2$ 28 27 3x4 4x4 =	3 T1 4 B1 B1 6 26 25 2	5 6 7 $W4 23 22 2$ $x6 = 4x6 = 3x8 FP = 2$			x4 = 3x4 = 3x4 $12 13 14 14 29 07 16 15 3x4 = 7x8 $
Plate Offsets (X,Y)	7-0-2 7-0-2 [1:Edge,0-1-8], [8:0-1-8,Edge], [§	<u>12-10-14</u> 5-10-12 2:0-1-8.Edae]. [15:0-1-8.Edae]	14-10-14 13-10-14 1-0-0 1-0-0 1-0-0 1-0-0 1-0-0 1-0-0 1-0-0 1-0-0 1-0-0 1-0-0 1-0-0 1-0-0 1-0-14 1-0-14 1-0-14 1-0-14 1-0-14 1-0-14 1-0-0 1-0-	<u>24-5-6</u> 9-6-8	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.87 BC 0.97 WB 0.63 Matrix-SH	DEFL. in (loc) I Vert(LL) -0.31 18-19 >	662 480 482 360 n/a n/a	PLATES GRIP MT20 244/190 Weight: 126 lb FT = 20%F, 11%E
			end verti		applied or 2-2-0 oc purlins, except 2-0 oc bracing.
Max U	e) 28=86/0-3-8 (min. 0-1-8), 15 plift28=-173(LC 4) rav28=283(LC 3), 15=832(LC 4)		1736/0-3-8 (min. 0-1-8)		
TOP CHORD 1-28= 9-10= BOT CHORD 26-27 21-22 15-16 WEBS 8-20= 2-26= 5-24=	Comp./Max. Ten All forces 25 286/167, 2-3=-316/627, 3-4=0/ 3011/0, 10-11=-2781/0, 11-12= '=-330/351, 25-26=-957/250, 24- :=0/939, 20-21=0/2646, 19-20=0 :=0/1186 :0/443, 9-19=-412/0, 4-24=-699/ 387/0, 2-27=-316/315, 8-21=-1 :-1321/0, 9-18=-10/599, 10-17=- :=-1411/0	1349, 4-5=0/1872, 7-8=-1664/ -2781/0, 12-13=-1834/0 25=-1872/0, 23-24=-1120/0, 2 /2646, 18-19=0/2646, 17-18= 0, 4-25=0/879, 3-25=-809/0, 3 271/0, 7-21=0/956, 7-23=-125	0, 8-9=-2646/0, 22-23=0/939, 0/3104, 16-17=0/2441, -26=0/429, 0/0, 5-23=0/1317,		
 NOTES- (5-8) 1) Unbalanced floor lin 2) Provide mechanica 3) Recommend 2x6 si be attached to walls 4) CAUTION, Do not et 5) Graphical bracing r the member must b 6) Bearing symbols ar design of the truss 7) Web bracing showr Restraining & Braci 8) SEE BCSI-B3 SUM MINIMUM BRACIN 	ve loads have been considered f I connection (by others) of truss rongbacks, on edge, spaced at s at their outer ends or restrained rect truss backwards. epresentation does not depict th e braced. e only graphical representations to support the loads indicated. n is for lateral support of individu ng of Metal Plate Connected WG MARY SHEET- PERMANENT F G REQUIREMENTS OF TOP CI	to bearing plate capable of wi 10-0-0 oc and fastened to each d by other means. e size, type or the orientation of a possible bearing condition al web members only. Refer to bod Trusses for additional bra RESTRAING/BRACING OF CI HORD, BOTTOM CHORD, At	thstanding 173 lb uplift at joint 28 ch truss with 3-10d (0.131" X 3") of the brace on the member. Syr on. Bearing symbols are not cons o BCSI - Guide to Good Practice cing guidelines, including diagon HORDS & WEB MEMBERS FOF ND WEB PLANES. IN ADDITIOI R FOR ADDITIONAL BRACING of	nails. Strongbacks to nbol only indicates that	SEAL 28147
LOAD CASE(S) Stand	lard				TAK K. MORRISHING

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.

2/26/2024



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

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.

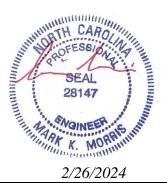
4) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.

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



Job	Truss	Truss Type	Qty P	ly LOT 0.0043 HONEYCU	JTT HILLS 150 SHELBY MEADOW LANE ANGIER, N
24-1218-F02	F229	Floor	5	1	# 45874
			Run: 86.430 s Feb 12 20 ID: XfGBr?	Job Reference (optio 21 Print: 8.430 s Feb 12 2021 Mi C. lattCkf9NOQCWiycOD.I-IB	onal) iTek Industries, Inc. Tue Feb 27 17:37:43 2024 Page 1 6a6NyjaV36?j?BcDGCz03s9kxIDwkj6JUzrLzgtl6
1-3-5	1-3-0	 	2-0-0		↓ 1-0-13 ↓ 1-4-0
					Scale = 1:33.6
	3x4 = 1.5x	3			
3x4 4x4			3x4 =	3x4 =	3x4 = 4x8 = 3x4
	3 4 5	6 7	8 T2	9	
1-2-0					
₽₽₽ ₽		151 0			
24	23 22	21 20	19 18	17 16	15 14 13
3x6 =	4x4 = 3x8	s = 3x4 = 1.5x3 ∥	1.5x3 3x4		DHS FP= 3x4 = 3x4 4x6 =
				3x4 =	
L	9-3-5		3-5 11-3-5	18-10-2	20-6-10
Plate Offsets (X,Y)	9-3-5 [1:Edge,0-1-8], [7:0-1-8,Edge	1-u], [8:0-1-8,Edge], [13:Edge,0-1-8]	0-0 ' 1-0-0 '	7-6-13	1-8-8
_OADING (psf)	SPACING- 1-4		DEFL. in (PLATES GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.0 Lumber DOL 1.0		Vert(LL) -0.31 19 Vert(CT) -0.54	9-20 >784 480 19 >453 360	MT20 244/190 MT20HS 187/143
BCLL 0.0 BCDL 5.0	Rep Stress Incr N Code IRC2021/TPI201	O WB 0.61 14 Matrix-SH	Horz(CT) 0.08	13 n/a n/a	Weight: 106 lb FT = 20%F, 11%E
LUMBER-			BRACING-		
TOP CHORD 2x4 SF BOT CHORD 2x4 SF			TOP CHORD S	tructural wood sheathing on the structural wood sheathing on the structure of the structure	lirectly applied or 5-10-8 oc purlins, except
B2: 2x	4 SP No.1(flat)			ligid ceiling directly applied	l or 10-0-0 oc bracing.
	? No.3(flat)				
,	e) 24=806/0-3-8 (min. 0-1-8				
		s 250 (lb) or less except when show 070/0, 5-6=-3070/0, 6-7=-3853/0, 7		0, 9-10=-3656/0,	
	1=-2727/0 4=0/1035, 22-23=0/2499, 21⊰	22=0/3552, 20-21=0/4203, 19-20=	0/4203, 18-19=0/4203,	17-18=0/4008, 16-17=0/32	91.
15-10	6=0/3291, 14-15=0/2159, 13-				
		=0/475, 10-15=-734/0, 11-15=0/75		, 6 16 666,266,	
NOTES- (7-10)	un landa kaun kann annaidem	ad fan Alais da sinn			
2) All plates are MT2	ve loads have been consider) plates unless otherwise indi				
	or truss to truss connections. 3, 4, 5, 6 has/have been mod	lified. Building designer must revie	ew loads to verify that the	ey are correct for the intend	ded
use of this truss. 5) Recommend 2x6 s	trongbacks, on edge, spaced	at 10-0-0 oc and fastened to eac	h truss with 3-10d (0.13	1" X 3") nails. Strongbacks	s to
be attached to wall	s at their outer ends or restra erect truss backwards.			.,	
	representation does not depic	ot the size, type or the orientation o	of the brace on the mem	per. Symbol only indicates	that
Bearing symbols a	re only graphical representati	ons of a possible bearing condition	n. Bearing symbols are r	not considered in the struct	tural
design of the truss Web bracing show (9)	to support the loads indicated n is for lateral support of indiv	d. /idual web members only. Refer to	BCSI - Guide to Good F	Practice for Handling, Insta	Illing HIGHTH CAROLINI
Restraining & Brac 10) SEE BCSI-B3 SU	ing of Metal Plate Connected MMARY SHEET- PERMANE	ons of a possible bearing condition d. vidual web members only. Refer to l Wood Trusses for additional brac NT RESTRAING/BRACING OF C OP CHORD, BOTTOM CHORD, AI	ing guidelines, including HORDS & WEB MEMB	diagonal bracing. ERS FOR RECOMMENDE	POPESO ANA THE
MINIMUM BRACI	NG REQUIREMENTS OF TO	OP CHORD, BOTTOM CHORD, A THE PROJECT ARCHITECT OR	ND WEB PLANES. IN A	DDITION TO THESE	SEAL
CONSIDERATIO		THE TROJECT ANOTHEOT ON			28147
	dard				
		=1 00 Plate Increase=1 00			1 to GINEE C S
LOAD CASE(S) Stan 1) Dead + Floor Live Uniform Loads (plf	(balanced): Lumber Increase)				ARK CARE IN
1) Dead + Floor Live Uniform Loads (plf					SEAL 28147 2/26/2024

CoNtinuing br-pecify/alesign 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	Truss	Truss Type	Qty	Ply	LOT 0.0043 HONEYCUTT HILLS 150 SHELBY MEADOW LANE ANGIER, NC
24-1218-F02	F229	Floor	5		Job Reference (optional) # 45874

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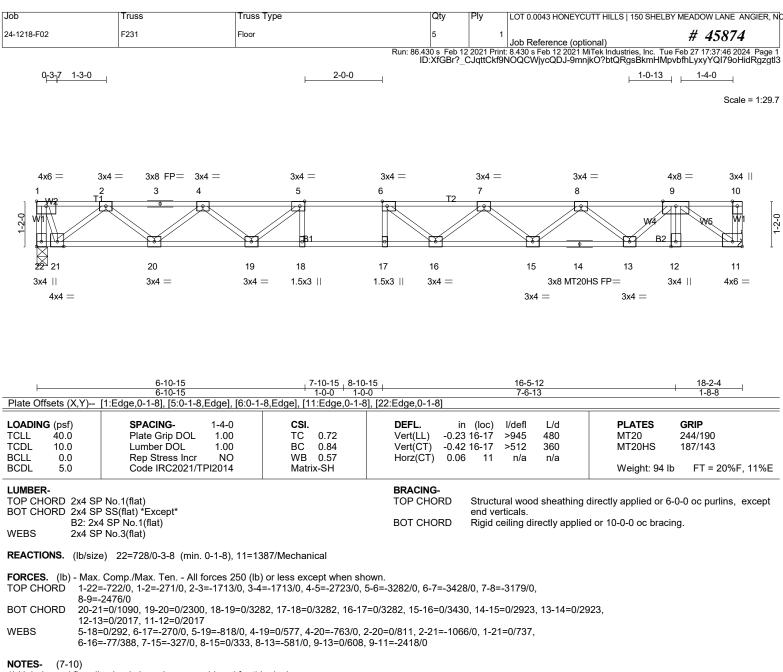
LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 11=-800 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-24=-7, 1-12=-67 Concentrated Loads (lb) Vert: 11=-800 3) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-24=-7, 1-8=-67, 8-12=-13 Concentrated Loads (lb) Vert: 11=-800 4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-24=-7, 1-7=-13, 7-12=-67 Concentrated Loads (lb) Vert: 11=-800 5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-24=-7, 1-8=-67, 8-12=-13 Concentrated Loads (lb) Vert: 11=-800 6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-24=-7, 1-7=-13, 7-12=-67 Concentrated Loads (lb) Vert: 11=-800



Job	Truss	Truss Type	Qty	Ply LOT 0.0043 HONEYC	UTT HILLS 150 SHELBY N	A MEADOW LANE ANGIER, N
24-1218-F02	F230	Floor	2			# 45874
			Run: 86.430 s Feb 12	Job Reference (op 2021 Print: 8.430 s Feb 12 2021	MiTek Industries, Inc. Tue Fe	eb 27 17:37:45 2024 Page 1
0-11-15 1-3-	0		ID:XtGBr?_(CJqttCkf9NOQCWjycQDJ-hal	≟∟⊼∠_∠ooJp⊢19∠jeig2R	9ExXaMhs102dz4vEzgtl4
						Scale = 1:35.2
		1.5x3				
4x6 =			3x4 = 3x4 =	3x4 = 1.5x3		4x4 = 3x4
1	2 3	4 5 6	7 8 जि	9 10 T2	11	12 13
			1 🔨			
		B1 5	D D		B2	
25 24	23	22 21	20 19	18 17 16	15	14
3x4 4x4 =	3x4 =		1.5x3 1.5x3	3x8 MT20HS FP=	4x4 =	3x6 =
				3x4 = 3x8 =		
	10.0.45		11 0 15 10 0 15	2		
	10-2-15 10-2-15		<u>11-2-15</u> <u>12-2-15</u> <u>1-0-0</u> <u>1-0-0</u>		I-6-4 -3-5	
Plate Offsets (X,Y)	1:Edge,0-1-8], [7:0-1-8,Edge	e], [8:0-1-8,Edge], [25:Edge,0-1-	·8]			
LOADING (psf) TCLL 40.0	SPACING- 1-4 Plate Grip DOL 1.	I-0 CSI. 00 TC 0.48	DEFL. in Vert(LL) -0.40	(loc) l/defl L/d 20 >632 480	PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL 1.	00 BC 0.97	Vert(CT) -0.56	20 >459 360	MT20HS	187/143
BCLL 0.0 BCDL 5.0	Rep Stress Incr YE Code IRC2021/TPI20		Horz(CT) 0.08	14 n/a n/a	Weight: 109 lb	FT = 20%F, 11%E
LUMBER-			BRACING-		5	- ,
TOP CHORD 2x4 SP			TOP CHORD	Structural wood sheathing	directly applied or 6-0-	-0 oc purlins, except
BOT CHORD 2x4 SP WEBS 2x4 SP	No.1(flat) No.3(flat)		BOT CHORD	end verticals. Rigid ceiling directly applie	ed or 10-0-0 oc bracing	Except:
				2-2-0 oc bracing: 20-21,19		,,
REACTIONS. (ID/SIZE	e) 25=780/0-3-8 (min. 0-1-6	3), 14=780/Mechanical				
		s 250 (lb) or less except when sl 24/0, 3-4=-3269/0, 4-5=-3269/0,		/0 7-8=-3946/0		
8-9=-;	3656/0, 9-10=-2937/0, 10-11	=-2937/0, 11-12=-1711/0			004	
	=0/1608, 22-23=0/2820, 21- =0/2400, 14-15=0/999	22=0/3650, 20-21=0/3946, 19-2	0=0/3946, 18-19=0/3946	, 17-18=0/3391, 16-17=0/3	391,	
		=-486/0, 3-22=0/574, 3-23=-775 580/0, 11-16=0/685, 11-15=-897				
	0.0,0,0,0,0,0,0,0,0,0,0		, , , , , , , , , , , , , , , , , , ,			
NOTES- (5-8) 1) Unbalanced floor liv	e loads have been consider	ed for this design.				
	plates unless otherwise ind r truss to truss connections.	icated.				
4) Required 2x6 strong	gbacks, on edge, spaced at	10-0-0 oc and fastened to each	truss with 3-10d (0.131"	X 3") nails. Strongbacks to	be	
	their outer ends or restraine	ed by other means. ot the size, type or the orientatio	n of the brace on the mer	mber. Symbol only indicate	s that	
the member must b	e braced.					
design of the truss	to support the loads indicate					
7) Web bracing shown	is for lateral support of indi	vidual web members only. Refer			alling,	
8) SEE BOSLB3 SUM		Wood Trusses for additional bi		ERS FOR RECOMMENDE	D	

design of the truss to support the trusses.
 7) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, including, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
 8) 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





- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- Refer to girder(s) for truss to truss connections.
- 4) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 6) CAUTION. Do not erect truss backwards

7) 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.

- the member must be braced.
 8) 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.
 9) 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.
 10) 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
 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-22=-7, 1-10=-67

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Continuing by ber berge Zesign 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	Truss	Truss Type	Qty	Ply	LOT 0.0043 HONEYCUTT HILLS 150 SHELBY MEADOW LANE ANGIER, NC
24-1218-F02	F231	Floor	5	1	Job Reference (optional) # 45874

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LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 9=-800 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-22=-7, 1-10=-67 Concentrated Loads (lb) Vert: 9=-800 3) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-22=-7, 1-6=-67, 6-10=-13 Concentrated Loads (lb) Vert: 9=-800 4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-22=-7, 1-5=-13, 5-10=-67 Concentrated Loads (lb) Vert: 9=-800 5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-22=-7, 1-6=-67, 6-10=-13 Concentrated Loads (lb) Vert: 9=-800 6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-22=-7, 1-5=-13, 5-10=-67 Concentrated Loads (lb) Vert: 9=-800



Job	Truss	Truss Type		Qty	Ply	LOT 0.0043 HC	NEYCUTT HI	LLS 150 SF	IELBY MEAD	OW LANE ANGIER, NC
24-1218-F02	F232	Floor Supported Gable		1	1	Job Referenc	e (optional)		#	45874
			Run: 86.430) s Feb 12):XfGBr?_	2021 Print: CJqttCkf9	8.430 s Feb 12 NOQCWjycQI	2021 MiTek Ir DJ-dyL5yk0	ndustries, Inc DekZXULJy	. Tue Feb 27 /r3K87sEh_	17:37:47 2024 Page 1 LUr9tpJ1xSB_6zgtl2
										0-1-8
										Scale = 1:33.8
										1.5x3
	1.5x3 1.5x3									1.5x3
3x4 1.5x3	1.5x3 3x8 FP=	1.5x3 1.5x3	3x4 = −1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3 =
1 2 _T	3 4 5 6	7 8	9 10	¹¹ т2	12	13	14	15	16	17 18
				9	0	8	0	•	0	
	ST1 ST1 ST1	ST1 ST1	ST1 W2 ST1	ST1	ST1	ST1	ST1	ST1	ST1	ST1821 37 0-
36 35	34 33 32	31 30	29 28	27		25 24	23	22	21	20 19
3x4 1.5x3	1.5x3 1.5x3 1.5x3		1.5x3 3x4 =	1.5x3	Зx	B FP=	1.5x3	1.5x3	1.5x3	3x4
					1.5x3	1.5x3				1.5x3

Plate Offsets (X,Y)	[1:Edge,0-1-8], [9:0-1-8,Edge], [28:0-		20-6-8 20-6-8			I
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) -0.00	a - n/a 999 a - n/a 999	PLATES MT20 Weight: 89 lb	GRIP 244/190 FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing c end verticals. Rigid ceiling directly applied		

REACTIONS. All bearings 20-6-8.

(lb) - Max Uplift All uplift 100 lb or less at joint(s) 19

Max Grav All reactions 250 lb or less at joint(s) 36, 19, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 24, 23, 22, 21, 20

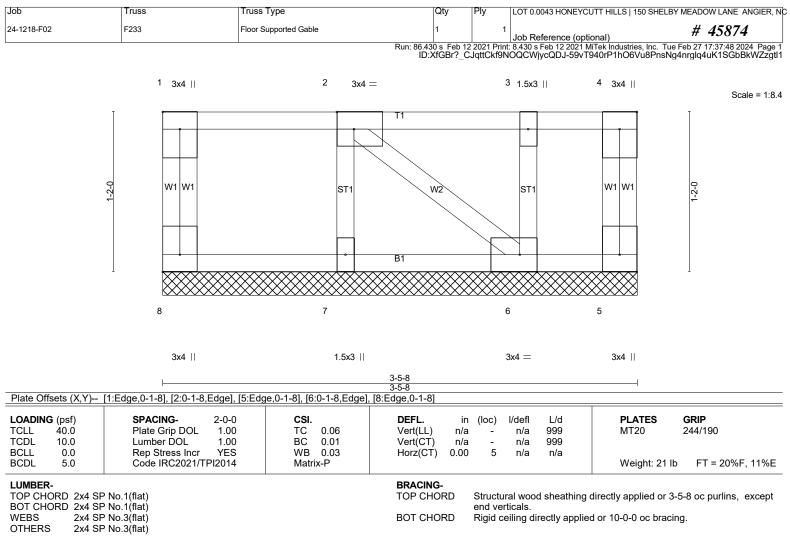
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (7-10)

- 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 19.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to
- be attached to walls at their outer ends or restrained by other means.
- 6) CAUTION, Do not erect truss backwards.
- 7) 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.
- 8) 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
- 10) SEE BCŠI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHOŘDS & WEB MEMBĚRŠ FOR RECOMMENDE 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





REACTIONS. All bearings 3-5-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 8, 5, 7, 6

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

NOTES- (5-8)

- 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.
- 5) 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.
- 6) 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.
- 7) 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.
 8) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED
- 8) 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

