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

AST #: 57910 JOB: 25-2453-F02 JOB NAME: LOT 0.0023 CAMPBELL RIDGE Wind Code: N/A Wind Speed: Vult= N/A Exposure Category: N/A Mean Roof Height (feet): N/A These truss designs comply with IRC 2015 as well as IRC 2018. *28 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



My license renewal date for the state of North Carolina is 12/31/2025

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

Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBELL RIDGE 95 PINON DRIVI	E ANGIER, NC
25-2453-F02	F201	Floor Supported Gable	1	1	Job Reference (optional)	# 57910

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Mar 25 00:34:52 2025 Page 1 ID:BSBRQeSNfsyJEFuISDIvBEyBPr9-T7w2d6Tc0rbHC5EY7QGkYK18e6IJCAuyuV6B9HzXZuH

Scale = 1:35.5



	21-8-6							
Plate Offsets (X,	') [1:Edge,0-1-8], [10:0-1-8,Edge], [28:0	D-1-8,Edge], [37: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 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	i (loc) l/defi L/d - n/a 999 - n/a 999 20 n/a n/a	PLATES GRIP MT20 244/190 Weight: 94 lb FT = 20%F, 11%E			
LUMBER- TOP CHORD 2x BOT CHORD 2x WEBS 2x OTHERS 2x	4 SP No.1(flat) 4 SP No.1(flat) 4 SP No.3(flat) 4 SP No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly applied	irectly applied or 6-0-0 oc purlins, except or 10-0-0 oc bracing.			

REACTIONS. All bearings 21-8-6.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 37, 20, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 25, 24, 23, 22, 21

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

NOTES- (6-7)

1) All plates are 1.5x3 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

be attached to walls at their outer ends or restrained by other means.

6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBE	LL RIDGE 95 PINON D	RIVE ANGIE	R, NC
25-2453-F02	F202	FLOOR	9	1	Job Reference (opt	ional)	# 5	7910
			Run: 8.430 s Feb ID:BSBRQeS	12 2021 Pri SNfsyJEFu	nt: 8.630 s Jul 12 2024 M ISDIvBEyBPr9-xJUC	/liTek Industries, Inc. Tu IrSUEn9j8qFolg8nz5	ie Mar 25 00:3 Ya8VWTkxL	4:53 2025 Page 1 Ji569skhkzXZuG
<u> 1-0-13 1-3-</u>	0	2-0-0					1-4-11	-
								Scale = 1:36.2
$4x6 \equiv$	3x6 = 1.5x3 3x4 =	3x4 = 3x4	= 3x4 = 3x8	S FP =	3x4 = 1.5x3	3x4 =	3x6 =	3x4
1	2 3 4	5 6	7 8	3	9 10	11 12	12	13
							VV4	-5 -0 -7
		 ↓ ■ B 2		B2		B1		
26 25	24 23	3 22 21 20	19	18	17 16	15		
3x6 6x6 =	6x8 = 3x8	FP= 3x6 3x6	3x6	3x6	3x8 FP=	5x6	6	6x6 =
		3x8			6x8 =			
L	7-9-13	8-9-13 9-9-13			21-8-8			
Plate Offsets (X,Y) [7-9-13 1:Edge,0-1-8], [5:0-1-8,Edg	<u>1-0-0 1-0-0 </u> e], [6:0-1-8,Edge], [20:0-3-0,Edge	e]		11-10-11			
LOADING (psf)	SPACING- 1-	7-3 CSI .	DEFL. in	(loc)	l/defl L/d	PLATES	GRIP	
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1 Lumber DOL 1	.00 TC 0.76 .00 BC 0.77	Vert(LL) -0.44 Vert(CT) -0.60	19-20 19-20	>586 480 >426 360	MT20	244/19	0
BCLL 0.0 BCDI 5.0	Rep Stress Incr Y	ES WB 0.64 Matrix-SH	Horz(CT) 0.05	14	n/a n/a	Weight: 130) Ib FT =	20%E 11%E
			PRACINC			Weight. Too		20,01,11,02
TOP CHORD 2x4 SP	No.1(flat)		TOP CHORD	Structur	al wood sheathing	directly applied or 4	4-6-12 oc p	urlins, except
WEBS 2x4 SP	No.1(flat) No.3(flat)		BOT CHORD	end ver Rigid ce	ticals. eiling directly applie	d or 10-0-0 oc brac	ing.	
REACTIONS. (Ib/size) 26=944/Mechanical, 14=	=944/0-3-8 (min. 0-1-8)						
FORCES. (lb) - Max (Comp /Max Ten - All force	s 250 (lb) or less excent when sh	nown					
TOP CHORD 1-26=	-929/0, 1-2=-1033/0, 2-3=-2	2954/0, 3-4=-2954/0, 4-5=-4194/0), 5-6=-4918/0, 12/0, 11, 12=, 2260/0					
BOT CHORD 24-25	=0/2106, 23-24=0/3700, 22	-23=0/3700, 21-22=0/4918, 20-2	1=0/4918, 19-20=0/4918	8,				
18-19: WEBS 5-21=-	=0/5053, 17-18=0/4392, 16 -44/477, 6-20=-437/81, 5-2	-17=0/4392, 15-16=0/3142, 14-1 2=-1058/0, 4-22=0/646, 4-24=-93	5=0/1371 30/0, 2-24=0/1058,					
2-25=- 9-16=-	-1363/0, 1-25=0/1336, 6-19 -724/0, 11-16=0/836, 11-15	=-308/497, 7-19=-90/255, 7-18=- =-1109/0, 12-15=0/1141, 12-14=	-412/0, 9-18=0/427, -1632/0					
NOTES (4 5)								
1) Unbalanced floor liv	e loads have been conside	red for this design.						

2) Refer to girder(s) for truss to truss connections.

3) Required 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) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard





L	8-1-3		9-1-3 10-1-3	18-	-2-6	
1	8-1-3	Ι.	1-0-0 ' 1-0-0 '	8-	1-3	I
Plate Offsets (X,Y)	[1:Edge,0-1-8], [6:0-1-8,Edge], [7:0-1	-8,Edge], [12:Edge,0-1-8	3], [22:Edge,0-1-8]			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.40 BC 0.81 WB 0.57 Matrix-SH	DEFL. ir Vert(LL) -0.24 Vert(CT) -0.34 Horz(CT) 0.06	n (loc) l/defl L/d 4 17-18 >882 480 4 17-18 >640 360 6 12 n/a n/a	PLATES MT20 2 Weight: 92 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	^o No.1(flat) ^o No.1(flat) ^o No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing o end verticals. Rigid ceiling directly applied	directly applied or 6-0-	-0 oc purlins, except

REACTIONS. (lb/size) 22=784/0-3-6 (min. 0-1-8), 12=789/0-4-8 (min. 0-1-8)

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

TOP CHORD 22-23=-779/0, 1-23=-778/0, 11-12=-783/0, 1-2=-982/0, 2-3=-2358/0, 3-4=-2358/0, 4-5=-2358/0, 5-6=-3121/0, 6-7=-3372/0, 7-8=-3121/0, 8-9=-2357/0, 9-10=-2357/0, 10-11=-980/0

 BOT CHORD
 20-21=0/1790, 19-20=0/2864, 18-19=0/3372, 17-18=0/3372, 16-17=0/3372, 15-16=0/2864, 14-15=0/1792, 13-14=0/1792

 WEBS
 6-19=-531/9, 5-19=0/423, 5-20=-646/0, 2-20=0/725, 2-21=-1052/0, 1-21=0/1162, 7-16=-531/10, 8-16=0/423, 8-15=-647/0, 10-15=0/721, 10-13=-1057/0, 11-13=0/1200

NOTES- (5-6)

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

2) All plates are 3x4 MT20 unless otherwise indicated.

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

4) CAUTION, Do not erect truss backwards.

5) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LOT 0.00	23 CAMPBELL RIDO	GE 95 PINON DRIV	E ANGIER, NC
25-2453-F02	F204	Floor	5	1	oronco (ontional)		# 57910
			Run: 8.430 s Feb 12	2 2021 Print: 8.630 s	Jul 12 2024 MiTek In 3Pr9-OW2o2oVsV	dustries, Inc. Tue M	ar 25 00:34:54 2025 Page 1
0-1-8			12.20Dit@00it				
H ├──1-4-3	3-0	2-0-0	4		F	1-4-3	0-10-15-0-1-8
							Scale = 1:34.2
4x4 =	1.5x3						
1.5x3 =	3x8 FP=	6	7 0	1.5x3	10	$4x8 \equiv$	1.5x3 =
1			inter the second	2 2			
°,26 °,26 ₿₽						W2	W4 12 28 0.
		B1					27
25 24	23	22 21	20 19	18	17 16	15	14 13
4x6 =	3x8 =	1.5x3 1.	.5x3	3x8 =	3x8 FP=		1.5x3
					4x6 =	=	
	0 1 0	0.1.2 10.1.2		19.0.14		19.0.6	20 7 F
	8-1-3 8-1-3	9-1-3 10-1-3 1-0-0 1-0-0		7-11-11		0-1-8	2-4-15
	age,0-1-8], [6:0-1-8,Eage],	[7:0-1-8,Edge], [12:0-1-8,Edge], [25:Edge,0-1-8j				
LOADING (psf)	SPACING- 1-7-3 Plate Grip DOI 1.00	CSI. TC 0.41	DEFL. in Vert(LL) -0.24	(loc) l/defl 20-21 >882	L/d 480	PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.83	Vert(CT) -0.33	20-21 >646	360	101120	244/100
BCDL 5.0	Code IRC2021/TPI2014	MB 0.55 Matrix-SH	Horz(CT) 0.06	15 n/a	n/a	Weight: 106 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP No	o.1(flat)		TOP CHORD	Structural wood	sheathing directl	y applied or 6-0-	0 oc purlins, except
WEBS 2x4 SP No	p.3(flat)		BOT CHORD	Rigid ceiling dire	ectly applied or 10	0-0-0 oc bracing	, Except:
REACTIONS. (lb/size)	25=771/0-3-6 (min. 0-1-8),	15=1009/0-4-8 (min. 0-1-8)		6-0-0 oc bracing	: 15-16,14-15.		
Max Grav	25=781(LC 3), 15=1009(LC	; 1)					
FORCES. (Ib) - Max. Co	mp./Max. Ten All forces 2	50 (lb) or less except when shown	n.				
TOP CHORD 25-26=-7 5-6=-309	76/0, 1-26=-775/0, 1-2=-97 98/0. 6-7=-3341/0. 7-8=-308	6/0, 2-3=-2343/0, 3-4=-2343/0, 4- 1/0, 8-9=-2312/0, 9-10=-2312/0, 1	5=-2343/0, 0-11=-930/0				
BOT CHORD 23-24=0/	/1780, 22-23=0/2846, 21-22	=0/3341, 20-21=0/3341, 19-20=0/	/3341, 18-19=0/2818	,			
WEBS 11-15=-9	982/0, 6-22=-521/48, 5-22=0)/416, 5-23=-641/0, 2-23=0/719, 2	2-24=-1046/0,				
1-24=0/1 11-16=0/	156, 7-19=-570/0, 8-19=0/4 /1163	47, 8-18=-657/0, 10-18=0/776, 10	0-16=-1036/0,				
1) Unbalanced floor live l	oads have been considered	l for this design.					
 All plates are 3x4 MT2 Recommend 2x6 stron 	0 unless otherwise indicate labacks, on edge, spaced a	d. t 10-0-0 oc and fastened to each	truss with 3-10d (0.1	31" X 3") nails. \$	Strongbacks to		
be attached to walls at	their outer ends or restrain	ed by other means.					
5) Graphical web bracing	representation does not de	pict the size, type or the orientatic	on of the brace on the	web. Symbol or	ly indicates that		
the member must be b	raced.	s of a possible bearing condition	Rearing symbols are	not considered	in the structural		
design of the truss to s	support the loads indicated.		Learning cymbolo are				
LOAD CASE(S) Standard	d						litter
					3	IN RTH CAA	OLIANI
					mm	POFESSI	NR. PIII



Job	Truss	Truss Type	Qty Ply	LOT 0.0023 CAMPBELL RID	GE 95 PINON DRIVE ANG	IER, NC
25-2453-F02	F205	Floor	2 1	l lob Reference (ontional)	# .	57910
			Run: 8.430 s Feb 12 2021 Pri	int: 8.630 s Jul 12 2024 MiTek li DIVBEVBP19-uicAG8WI Lim	ndustries, Inc. Tue Mar 25 00 zs3Yv7oYpRAzfYK.I63PC):34:55 2025 Page 1
0-1-8						
<u> 1-4-3 1-3-0 </u>		2-0-0	<u> 1</u>	-3-15		0-9-12
		1 1	I.	I		Scale = 1:42.2
$3x4 \equiv$			1.5x3			
3x4 =	1.5x3		3x8 FP=	5x8 =	1.5x3	3x4 =
1 2	3 4 _{T1}	5 6 7	8 9 10	11 _{T2} 12	13 14	W5 ¹⁵
				WAT THE REAL PROPERTY OF		
		B1a a		B2		
				Ř		
30 29	28 27	26 25 24	23 22 21	20 19	18 1	7 16
3x4	3x8 =	1.5x3 1.5x3	3x8 = 3x8 FP = 4x6	3x4	3x8 =	1.5x3
			440 -			
	0.4.0		40.0.40		05 5 4 4	
	8-1-3 8-1-3	<u>9-1-3 10-1-3</u> 1-0-0 1-0-0	7-11-7		7-5-4	
Plate Offsets (X,Y) [5:0	-1-8,Edge], [6:0-1-8,Edge],	[15:0-1-8,Edge], [30:Edge,0-1-8], [30:Ed	31:0-1-8,0-1-8]			
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in (loc)	l/defl L/d	PLATES GRIP	
TCLL 40.0 TCDL 10.0	Lumber DOL 1.00	BC 0.48	Vert(LL) -0.21 26-27 Vert(CT) -0.28 26-27	>999 480 >759 360	MT20 244/1	90
BCLL 0.0	Rep Stress Incr YES	WB 0.64	Horz(CT) 0.03 20	n/a n/a	Waight 120 lb FT	
BCDL 5.0	Code IRC2021/1912014	Maux-Sn			Weight. ISUID FI	- 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No	1(flat)		BRACING- TOP CHORD Structu	ral wood sheathing direct	ly applied or 6-0-0 oc p	ourlins except
BOT CHORD 2x4 SP No	.1(flat)		end ver	rticals.		annio, oxoopt
WEBS 2x4 SP No	.3(flat)		BOT CHORD Rigid c	eiling directly applied or 6	5-0-0 oc bracing.	
REACTIONS. (lb/size)	30=661/0-3-6 (min. 0-1-8),	16=26/0-3-8 (min. 0-1-8), 20=1534	4/0-5-8 (min. 0-1-8)			
Max Opint Max Grav	30=666(LC 3), 16=229(LC 4	4), 20=1534(LC 1)				
FORCES (Ib) - Max Co	mp /Max Ten - All forces 2	50 (lb) or less except when shown				
TOP CHORD 30-31=-6	63/0, 1-31=-661/0, 1-2=-81	7/0, 2-3=-1896/0, 3-4=-1896/0, 4-5	=-2375/0,			
5-6=-236 11-12=0/	/3/0, 6-7=-1847/0, 7-8=-803/ 1531, 12-13=-258/771, 13-1	/0, 8-9=-803/0, 9-10=-803/0, 10-11 [;] 4=-258/771	=0/953,			
BOT CHORD 28-29=0/	1483, 27-28=0/2283, 26-27	=0/2363, 25-26=0/2363, 24-25=0/2	363, 23-24=0/1424,			
20-21=-2 WEBS 11-20=-1	.031/0, 19-20=-2034/0, 18-1 499/0, 4-28=-495/0, 2-28=0	9=-1153/125, 17-18=-445/305 /527, 2-29=-866/0, 1-29=0/966, 6-2	24=-726/0.			
7-24=0/5	61, 7-23=-798/0, 10-23=0/9	63, 10-21=-1213/0, 11-21=0/1337,	11-19=0/811, 3/207			
12-137	33/0, 12-10-0/300, 14-10	-10/0, 1-11-220/001, 10-11-21	5/201			
NOTES- (6-7) 1) Unbalanced floor live l	oads have been considered	for this design				
2) All plates are 4x4 MT2	0 unless otherwise indicated	d.				
 Provide mechanical co Recommend 2x6 stron 	nnection (by others) of truss	s to bearing plate capable of withsta t 10-0-0, oc and fastened to each to	anding 196 lb uplift at joint russ with 3-10d (0 131" X 3'	16. ") nails Strongbacks to		
be attached to walls at	their outer ends or restraine	ed by other means.				
 CAUTION, Do not erec Graphical web bracing 	t truss backwards. representation does not de	pict the size. type or the orientation	of the brace on the web. S	we have a second strate that	:	
the member must be b	raced.	n se)	, , , , , , , , , , , , , , , , , , ,		
design of the truss to s	upport the loads indicated.	s of a possible bearing condition. E	searing symbols are not col	nsidered in the structural	WINNITH CARO	11.
LOAD CASE(S) Standar				ill in the second se	OFESSIS N	alle
LOAD CASE(S) Startuart				IIII.	Por Ag	1 AM
				Inter	SEAL	1111
				IUN	28147	1 5
				1111	Non al	ung
				in.	APLOINEE	ALL STREET
					Manna K. Mornin	a.

3/24/2025

Job	Truss	Truss Type	Qty	Ply LC	OT 0.0023 CAMPBELL F	RIDGE 95 PINON DRIV	'E ANGIER, NC
25-2453-F02	F206	Floor	5	1			# 57910
			Run: 8.430 s Feb 12	Jo 2 2021 Print: 8	bb Reference (optiona 6.630 s Jul 12 2024 MiTe	al) k Industries, Inc. Tue M	ar 25 00:34:56 2025 Page 1
			ID:BSBRQeSN	NfsyJEFulSD	lvBEyBPr9-MuAYTT	W7446jhiXKMGLgiA	Cj2jSG8rqYp65Pl2zXŽuD
0-1-8							
	4	<u> </u>		1-2-	15		Scale = 1:41.8
3×4 —			1 5v3				
3x4 =	1.5x3		3x8 FP=		4x8 =	1 5x3	3x6 =
1	2 3 4	5 6	7 8 9 10		11	12 13 14	15
	R I R		कि ा कि		T2	tek li te	
		P1		W			
j ol jeľ	¥{			<u></u>			<u>n∳</u> te [`
30 29	28 27	26 25 24	23 22	21	20 19	18	17 16
3x4	3x8 =	1.5x3 1.5x3	3x8 FP:	= 4x6 =	3x4	3x8 =	3x4
			3x8 =				
	<u>8-1-3</u> 8-1-3	<u> </u>	<u> </u>			<u>25-5-14</u> 7-6-4	
Plate Offsets (X,Y) [5:0	0-1-8,Edge], [6:0-1-8,Edge],	[30:Edge,0-1-8], [31:0-1-8,0-1-8]					
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in	(loc) l/d	efl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.48	Vert(LL) -0.21	26-27 >9 26-27 >7	99 480 60 360	MT20	244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.61	Horz(CT) 0.03	20-27 ×7	n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	. ,			Weight: 131 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP N	p.1(flat)		TOP CHORD	Structural	wood sheathing dire	ectly applied or 6-0-	-0 oc purlins, except
WEBS 2x4 SP N	o.3(flat)		BOT CHORD	Rigid ceilir	ig directly applied o	r 6-0-0 oc bracing.	
	20-CE0/0.2.C. (min. 0.4.0)	4C-22/0.2.0 (min. 0.4.0) 20-452	4/0 2 0 (main 0 4 0)	, U	0 7 11	Ū	
Max Uplif	t16=-190(LC 3)	10-32/0-3-8 (11111. 0-1-8), 20-152	4/0-3-6 (11111. 0-1-6))			
Max Grav	/30=664(LC 3), 16=231(LC 4	4), 20=1524(LC 1)					
FORCES. (lb) - Max. Co	omp./Max. Ten All forces 2	50 (lb) or less except when shown					
TOP CHORD 30-31=-	660/0, 1-31=-659/0, 1-2=-81	4/0, 2-3=-1887/0, 3-4=-1887/0, 4-5	=-2361/0,				
5-6=-23 11-12=0	42/0, 6-7=-1822/0, 7-8=-772, /1506_12-13=-264/758_13-′	′0, 8-9=-772/0, 9-10=-772/0, 10-11 I4=-264/758	=0/989,				
BOT CHORD 28-29=0	/1477, 27-28=0/2272, 26-27	=0/2342, 25-26=0/2342, 24-25=0/2	2342, 23-24=0/1395	,			
20-21=-2 WERS 11 20-2	2003/0, 19-20=-2003/0, 18-1	9=-1133/133, 17-18=-439/311	24- 730/0				
7-24=0/	566, 7-23=-800/0, 10-23=0/9	71, 10-21=-1211/0, 11-21=0/1286,	11-19=0/805,				
12-19=-	753/0, 12-18=0/500, 14-18=-	408/0, 14-17=-226/343, 15-17=-26	69/211				
NOTES- (6-7)							
1) Unbalanced floor live	loads have been considered	for this design.					
3) Provide mechanical c	onnection (by others) of trust	s to bearing plate capable of withst	anding 190 lb uplift	at ioint 16.			
4) Recommend 2x6 stron	ngbacks, on edge, spaced at	10-0-0 oc and fastened to each t	russ with 3-10d (0.1	31" X 3") na	ails. Strongbacks t	0	
5) CAUTION Do not ere	t their outer ends or restraine ct truss backwards	ed by other means.					
6) Graphical web bracing	representation does not de	pict the size, type or the orientatior	n of the brace on the	e web. Sym	bol only indicates th	nat	
the member must be t	oraced.	s of a possible bearing condition.	Bearing symbols are	a not consid	lered in the structur		11.
design of the truss to	support the loads indicated.	s of a possible bearing contaition. I	Scaring symbols ale			WHINTH CAA	OUT
	d					IN OFESSIO	North
LUAD CAJE(J) Standar	u				111	loger /	A A A A A A A A A A A A A A A A A A A
					1111	1 SEAL	1111
						28147	
					1111		
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3/24/2025

Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBEI	L RIDGE 95 PINON DR	IVE ANGIER, NC
25-2453-F02	F207	Floor	1	1	Job Reference (onti	onal)	# 57910
L	1		Run: 8.430 s Feb	12 2021 Prir	1500 Kelerence (opti nt: 8.630 s Jul 12 2024 M ISDIVBEVBPro-MuA	/iTek Industries, Inc. Tue /TTW7446ibiXKMCL ai	Mar 25 00:34:56 2025 Page 1 ACiPiT08r2Yp65Pl2zYZur
, 1-0-13 , 1-3-0		2-0-0	ID.DODINGE	JNISyJEFu , 1-	-2-15 ,		,0-9-4,
							Scale = 1:41.3
			1.5x3				
3x6 =	1.5x3		3x8 FP=		4x8 =	1.5x3	3x6 =
1	2 3 4 _{T1}	5 6	7 8 9 10)	11 T2	12 13 f	14 15
					WE HIR .		
		B1		- 17		B2	
				- •			
30 29 3v4 II	28 27 2v8 —	26 25 24	23 22 2v9 — 2v9	21 ED	20 19	18 2v8 —	17 16
3X4	3X8 —	1.5x3 1.5x3	3x8 — 3x8	-P_ 4X0 -	_ 3X4	3X8 —	3X4
	7.0.10	0.0.40.0.0.40	17.0.4			05.0.0	
	7-9-13	1-0-0 1-0-0	7-10-7			<u> </u>	
Plate Offsets (X,Y)	5:0-1-8,Edge], [6:0-1-8,Edge]	, [30:Edge,0-1-8]					
LOADING (psf)	SPACING- 1-7-	3 CSI .	DEFL. i	n (loc)	l/defl L/d	PLATES	GRIP
TCLL 40.0 TCDL 10.0	Lumber DOL 1.0	D 1C 0.46 D BC 0.86	Vert(LL) -0.1 Vert(CT) -0.2	9 26-27 6 26-27	>999 480 >813 360	M120	244/190
BCLL 0.0	Rep Stress Incr YE	S WB 0.60	Horz(CT) 0.0	3 20	n/a n/a	Woight: 121 I	► FT = 200/ F 110/ F
BCDL 5.0						weight. 1311	D FI-20%F, 11%E
LUMBER- TOP CHORD 2x4 SP	No 1(flat)		BRACING- TOP CHORD	Structur	al wood sheathing	directly applied or 6-	0-0 oc purlins except
BOT CHORD 2x4 SP	No.1(flat)			end vert	ticals.		
WEBS 2x4 SP	No.3(flat)		BOT CHORD	Rigid ce	elling directly applie	d or 6-0-0 oc bracing	l.
REACTIONS. (Ib/size	e) 30=652/Mechanical, 16=4	0/0-3-8 (min. 0-1-8), 20=1503/0)-3-8 (min. 0-1-8)				
Max O Max G	rav 30=658(LC 3), 16=233(LC	4), 20=1503(LC 1)					
FORCES (lb) - Max	Comp /Max Ten - All forces	250 (lb) or less except when sh	own				
TOP CHORD 1-30=	-655/0, 1-2=-658/0, 2-3=-176	3/0, 3-4=-1763/0, 4-5=-2268/0,	5-6=-2281/0,				
6-7=- 12-13	1791/0, 7-8=-775/0, 8-9=-775 =-271/732, 13-14=-271/732	/0, 9-10=-775/0, 10-11=0/952, 1	1-12=0/1462,				
BOT CHORD 28-29	=0/1325, 27-28=0/2159, 26-2	7=0/2281, 25-26=0/2281, 24-25	=0/2281, 23-24=0/138	84,			
WEBS 11-20	=-1949/0, 19-20=-1949/0, 18 =-1469/0, 4-28=-506/0, 2-28=	:0/559, 2-29=-868/0, 1-29=0/873	3, 6-24=-694/0,				
7-24= 12-19	0/541, 7-23=-783/0, 10-23=0	948, 10-21=-1190/0, 11-21=0/1 =-395/0_14_17=-229/331_15_17	264, 11-19=0/792, =-259/214				
12-15	/41/0, 12-10-0/400, 14-10		255/214				
NOTES- (7-8) 1) Unbalanced floor liv	ve loads have been considere	d for this design					
2) All plates are 4x4 M	T20 unless otherwise indicat	ed.					
 Refer to girder(s) to Provide mechanical 	r truss to truss connections. I connection (bv others) of tru	ss to bearing plate capable of w	ithstanding 182 lb upli	ft at ioint 1	6.		
5) Recommend 2x6 st	rongbacks, on edge, spaced	at 10-0-0 oc and fastened to ea	ch truss with 3-10d (0	.131 [°] X 3") nails. Strongback	s to	
6) CAUTION, Do not e	erect truss backwards.	ned by other means.					
7) Graphical web brac	ing representation does not d	epict the size, type or the orient	ation of the brace on t	ne web. Sy	ymbol only indicate	s that	an.
8) Bearing symbols ar	e only graphical representation	ns of a possible bearing condition	on. Bearing symbols a	re not con	sidered in the struc	tural with CA	ROUT
design of the truss	to support the loads indicated					IN OFESS,	BA Nall
LOAD CASE(S) Stand	lard					in and	and the second sec
						SEAL	
						28147	7 Ē
							a/ 1
						AP	- ALS WITH
						Minin K. N	10 minute
						2/71/	2025
Warning Vasify da	sign naramatars and read netes	refore use. This design is based only	unon paramatara shows	and is for cr	individual building of	J/24/.	and loaded
vertically. Applicability	of design parameters and proper	ncorporation of component is response	sibility of building designed	r – not truss	s designer or truss engi	neer. Bracing shown is	for lateral support
of individual web memb	ers only. Additional temporary br	acing to ensure stability during constr	uction is the responsibility	of the erec	tor. Additional perma	nent bracing of the over	all structure is the

Vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or 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 0.0023 CAMPBELL RIE	DGE 95 PINON DRI	VE ANGIER, NC
25-2453-F02	F208	Floor	6	1	Job Reference (optional))	# 57910
			Run: 8.430 s Feb 12	2 2021 Prin	it: 8.630 s Jul 12 2024 MiTek	/ Industries, Inc. Tue I IrNEa Is6W/vzsvEC	Mar 25 00:34:57 2025 Page 1
1-0-13 1-3-0)	2-0-0					<u>1-4-11</u>
			7				
							Scale = 1:31.0
	1.5x3						
4x6 =	3x8 FP=				1.5x3		4x4 =
1 T1	2 3 4 5	6	7 	8	9 10		11 12
		B10					
23 22	21	20 19	18 17		16 15	14	k k k k k k k k k k k k k k k k k k k
4x6 =	3x8 =	1.5x3 1.	5x3		3x8 MT20H5	S FP=	3x6 =
					3x8 =	$4x4 \equiv$	
	7-9-13	8-9-13 9-9-13	+		<u>19-2-8</u> 9-4-11		
Plate Offsets (X,Y) [1:	Edge,0-1-8], [6:0-1-8,Edge],	[7:0-1-8,Edge], [23:Edge,0-1-8]					
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in	(loc)	l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.51	Vert(LL) -0.31	18 ×	>730 480	MT20	244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.54	Horz(CT) 0.06	13	n/a n/a	M120H3	107/143
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 98 lb	FT = 20%F, 11%E
LUMBER-			BRACING-	_			
TOP CHORD 2x4 SP N BOT CHORD 2x4 SP S	o.1(flat) S(flat) *Except*		TOP CHORD	Structura end verti	al wood sheathing direc icals	ctly applied or 6-0	0-0 oc purlins, except
B2: 2x4 S	P No.1(flat)	1	BOT CHORD	Rigid ce	iling directly applied or	10-0-0 oc bracin	g.
WEBS 2x4 SP N	0.3(flat)						
REACTIONS. (lb/size)	23=834/Mechanical, 13=83	4/0-5-8 (min. 0-1-8)					
FORCES. (Ib) - Max. Co	omp./Max. Ten All forces 2	50 (lb) or less except when shown.					
TOP CHORD 1-23=-8	28/0, 1-2=-856/0, 2-3=-2403	/0, 3-4=-2403/0, 4-5=-2403/0, 5-6=-3:	331/0,				
BOT CHORD 21-22=0)/1735, 20-21=0/2978, 19-20	=0/3738, 18-19=0/3738, 17-18=0/373	38, 16-17=0/3480	,			
15-16=0 WEBS 6-20=-6)/2552, 14-15=0/2552, 13-14 94/0_5-20=0/520_5-21=-734	=0/1140 //0_2-21=0/852_2-22=-1145/0_1-22=	0/1136				
7-17=-4	24/172, 8-17=0/352, 8-16=-5	52/0, 10-16=0/633, 10-14=-900/0, 11	-14=0/938,				
11-13=-	1383/0						
NOTES- (6-7)		·					
 Unbalanced floor live All plates are MT20 pl 	loads have been considered lates unless otherwise indica	for this design. ted.					
3) All plates are 3x4 MT	20 unless otherwise indicate	d.					
5) Recommend 2x6 stro	russ to truss connections. ngbacks, on edge, spaced a	t 10-0-0 oc and fastened to each trus	s with 3-10d (0.1	31" X 3")	nails. Strongbacks to		
be attached to walls a	t their outer ends or restrain	ed by other means.		, mah Cu			
the member must be l	braced.	pict the size, type of the orientation o	i the brace on the	web. Sy	mbol only indicates that	al	
7) Bearing symbols are of design of the trues to	only graphical representation	s of a possible bearing condition. Bea	aring symbols are	not con	sidered in the structura	I	
	Support the loads multidled.						lillette
LOAD CASE(S) Standar	ď					WHIN ATH CA	HOLIA
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						28147	
					UHI	8	I E

SEAL 28147 3/24/2025

Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBELL RIDGE 95 PINON I	DRIVE ANGIER, NC
25-2453-F02	F209	Floor Supported Gable	1	1	Job Reference (optional)	# 57910
		Run: ID:E	8.430 s Feb 1 SBRQeSNfs	2 2021 Prin SyJEFuISE	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. T DIvBEyBPr9-IHHJu9YNchMQw0hiThN8n	ue Mar 25 00:34:58 2025 Page 1 bHA7XLoctOrGQaVMxzXZuB

Scale = 1:31.4



-				10 2 0			
1				19-2-6			I
Plate C	Offsets (X,Y)	[1:Edge,0-1-8], [9:0-1-8,Edge], [26:0-	1-8,Edge], [34:Edge,0-1-8	8]			
LOADII TCLL TCDL BCLL BCDL	NG (psf) 40.0 10.0 0.0 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	i (loc) l/defi L/d - n/a 999 - n/a 999 26 n/a n/a	PLATES MT20 Weight: 84 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBE TOP C BOT C WEBS OTHEF	ER- HORD 2x4 SP HORD 2x4 SP 2x4 SP RS 2x4 SP	P No.1(flat) P No.1(flat) P No.3(flat) P No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing o end verticals. Rigid ceiling directly applied	directly applied or 10-	-0-0 oc purlins, except g.

10-2-6

REACTIONS. All bearings 19-2-6.

(lb) - Max Uplift All uplift 100 lb or less at joint(s) 18

Max Grav All reactions 250 lb or less at joint(s) 34, 18, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 22, 21, 20, 19

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

NOTES- (7-8)

1) All plates are 1.5x3 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18.
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard





			7-3-12					
Plate Offsets (X,Y) [1:Edge,0-1-8], [3:0-1-8,Edge], [11:0-1-8,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 0.06 BC 0.01 WB 0.03 Matrix-P	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) l/defl L/d - n/a 999 - n/a 999 11 n/a n/a	PLATES GRIP MT20 244/190 Weight: 36 lb FT = 20%F, 11%E			
LUMBER- TOP CHORD 2x4 BOT CHORD 2x4 WEBS 2x4 OTHERS 2x4	SP No.1(flat) SP No.1(flat) SP No.3(flat) SP No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing of end verticals. Rigid ceiling directly applied	directly applied or 7-3-12 oc purlins,except d or 10-0-0 oc bracing.			

REACTIONS. All bearings 7-3-12.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 14, 8, 13, 12, 11, 10, 9

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

NOTES- (6-7)

1) All plates are 1.5x3 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

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

6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard





TOP CHORD 1-10=-319/0, 4-5=-319/0, 1-2=-292/0, 2-3=-570/0, 3-4=-292/0

BOT CHORD 8-9=0/570, 7-8=0/570, 6-7=0/570

WEBS 2-9=-355/0, 1-9=0/373, 3-6=-355/0, 4-6=0/373

NOTES- (3-4)

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

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

3) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard





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

TOP CHORD 1-10=-309/0, 4-5=-305/0, 1-2=-276/0, 2-3=-522/0

BOT CHORD 8-9=0/522, 7-8=0/522, 6-7=0/522

WEBS 2-9=-314/0, 1-9=0/352, 3-6=-378/0, 4-6=0/322

NOTES- (4-5)

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

2) Refer to girder(s) for truss to truss connections.

3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

be attached to walls at their outer ends or restrained by other means.

4) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard





Plate Offsets (X,Y)	[1:Edge,0-1-8], [4:0-1-8,Edge], [5:0-1	-8,Edgej		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr. VES	CSI. TC 0.49 BC 0.81 WB 0.27	DEFL. in (loc) I/defl L/d Vert(LL) -0.14 10-11 >924 480 Vert(CT) -0.19 10-11 >693 360 Horz(CT) 0.01 7 n/a n/a	PLATES GRIP MT20 244/190
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH		Weight: 57 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI	P No.1(flat) P No.1(flat)		BRACING- TOP CHORD Structural wood sheathin end verticals.	g directly applied or 6-0-0 oc purlins, except

BOT CHORD

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

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

REACTIONS. (lb/size) 7=482/Mechanical, 13=482/0-4-8 (min. 0-1-8)

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

TOP CHORD 6-7=-447/0, 2-3=-918/0, 3-4=-1229/0, 4-5=-1068/0, 5-6=-395/0

BOT CHORD 12-13=0/592, 11-12=0/1231, 10-11=0/1068, 9-10=0/1068, 8-9=0/1068

WEBS 5-9=0/268, 4-11=-42/263, 3-12=-407/0, 2-12=0/425, 2-13=-731/0, 5-8=-860/0, 6-8=0/564

NOTES-(5-6)

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

2) All plates are 3x4 MT20 unless otherwise indicated.

3) Refer to girder(s) for truss to truss connections.

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

5) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard



Job	Truss	Truss Type		Qty	Ply	LOT 0.0023 CA	MPBELL RIDG	E 95 PINON DRIV	'E ANGI	ER, NC
25-2453-F02	F214	Floor Supported Gable		1	1	Job Reference	e (optional)		# .	57910
		L	Run: 8. ID:BSE	430 s Feb 1: BRQeSNfsv	2 2021 Prin JEFuISDI	nt: 8.630 s Jul 12 2 IvBEvBPr9-mTr	2024 MiTek Ind rh5VZ?N?UF	dustries, Inc. Tue M YAGv10uNKpa	lar 25 00 _twh1Lk	:34:59 2025 Page 1 (e_V4J3vNzXZu/
				,		,				0- <u>1</u> -8
										Scale = 1:25 5
										00010 112010
3x4			3x4 =							
1 2	3 4	5	6 7 T1	8		9	10	11	12	13
		•		e		•	•	•	•	27 0
	ST1 ST1	ST1	ST1 W2 ST1	ST1		ST1	ST1	ST1	ST1	
		~~~~~	BI		~~~~			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
26 25	24 23	22	21 20	<u>~~~~</u> 19	~~~~	18	17	16	15	14
3x4			3x4 =							3x4
L			15-7-14							
Plate Offsets (X,Y) [1:	Edge,0-1-8], [6:0-1-8,Edge],	[20:0-1-8,Edge], [26:	<u>15-7-14</u> Edge,0-1-8]							
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL.	in	(loc)	l/defl L/d		PLATES	GRIP	
TCLL 40.0	Plate Grip DOL 1.00	TC 0	.06 Vert(LL	) n/a	-	n/a 999		MT20	244/19	0
BCLL 0.0	Rep Stress Incr YES	WB 0	.03 Horz(C	T) 0.00	- 14	n/a 999 n/a n/a				
BCDL 5.0	Code IRC2021/TPI2014	Matrix-S	SH					Weight: 69 lb	FT =	= 20%F, 11%E
LUMBER-	- 4 (8 - 1)		BRACI	NG-	0.1	-1			0	
TOP CHORD 2X4 SP No	D.1(11at)		TOP CI	IORD	Structura	ai wood sheat	ining directly	y applied or 6-0	-u oc p	uriins, except

end verticals.

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

BOT CHORD

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

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

REACTIONS. All bearings 15-7-14.

(Ib) - 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-(7-8)

1) All plates are 1.5x3 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

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

6) CAUTION, Do not erect truss backwards.

7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBELL	RIDGE   95 PINON DRI	VE ANGIER, NC
25-2453-F02	F215	Floor	8	1	Job Reference (optio	nal)	# 57910
			Run: 8.430 s Feb 1 ID:BSBRQeSNfsyJI	2 2021 Prin EFuISDIvE	it: 8.630 s Jul 12 2024 Mi BEyBPr9-mTrh5VZ?N	Tek Industries, Inc. Tue ?UHYAGv1OuNKpqF	Mar 25 00:34:59 2025 Page 1 QwVNLE6 V4J3vNzXZuA
0-6-7 1-3-0	)		2-0-0		,	 ⊢	
							Scale = 1:26.0
							00010 1.20.0
		.5x3					1.5x3 =
	3	4 5	6	7	-	8	9
				- L	$\langle \rangle$		19 <
			B1 <u></u>	0		<u>}</u>	
	17	16 15	14	13	12	11	
3x6 =		3x8 =	1.5x3	1.5x3	3		
<u> </u>	<u>8-6-</u> 8-6-	7	9-6-7 1	0-6-7 1-0-0		<u>15-11-6</u> 5-4-15	
Plate Offsets (X,Y)	[1:Edge,0-1-8], [6:0-1-8,Edge	], [7:0-1-8,Edge], [9:0-1-8,Edge]	1				
LOADING (psf)	SPACING- 1-4		DEFL. in	(loc)	I/defl L/d	PLATES	GRIP
TCDL 40.0 TCDL 10.0	Lumber DOL 1.0	0 IC 0.41 0 BC 0.82	Vert(LL) -0.18 Vert(CT) -0.24	14-15 14-15	>999 480 >774 360	M120	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr YE Code IRC2021/TPI202	S WB 0.39 4 Matrix-SH	Horz(CT) 0.03	10	n/a n/a	Weight: 81 lb	FT = 20%F. 11%E
			BRACING				
TOP CHORD 2x4 SP	No.1(flat)		TOP CHORD	Structura	al wood sheathing d	irectly applied or 6-0	0-0 oc purlins, except
BOT CHORD 2x4 SP WEBS 2x4 SP	' No.1(flat) ' No.3(flat)		BOT CHORD	end vert Rigid ce	icals. iling directly applied	or 10-0-0 oc bracin	g.
REACTIONS. (Ib/size	e) 10=571/0-3-6 (min 0-1-8	) 18=576/0-3-8 (min 0-1-8)		0	0 7 11		•
	Comp (May Tap All forces	250 (lb) or loss event when sh					
TOP CHORD 10-19	)=-571/0, 9-19=-570/0, 2-3=-	250 (ib) of less except when sh 006/0, 3-4=-1754/0, 4-5=-1754/0	, 5-6=-2111/0, 6-7=-206	1/0, 7-8=	-1605/0,		
8-9=- BOT CHORD 17-18	677/0 3=0/376. 16-17=0/1413. 15-1	6=0/2057.14-15=0/2061.13-14=	=0/2061. 12-13=0/2061.	11-12=0/	/1243		
WEBS 5-16=	-386/0, 3-16=0/435, 3-17=-6	61/0, 2-17=0/689, 2-18=-702/0,	7-12=-631/0, 8-12=0/472	2, 8-11=-	737/0, 9-11=0/812		
<b>NOTES-</b> (5-6)							
<ol> <li>Unbalanced floor live</li> <li>All plates are 3x4 M</li> </ol>	ve loads have been consider 1T20 unless otherwise indica	ed for this design. ted.					
3) Recommend 2x6 st be attached to wall	trongbacks, on edge, spaced s at their outer ends or restra	at 10-0-0 oc and fastened to ea ned by other means.	ach truss with 3-10d (0.1	31" X 3")	nails. Strongbacks	s to	

4) CAUTION, Do not erect truss backwards.

5) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard





<u>1-7-15</u> 1-7-15	8-2-15		9-2-15 10	0-2-15  -0-0	15-7-14 5-4-15	
Plate Offsets (X,Y)	[5:0-1-8,Edge], [6:0-1-8,Edge], [8:0-1-8	3,Edge], [17:Edge,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	<b>CSI.</b> TC 0.39 BC 0.78 WB 0.41 Matrix-SH	DEFL. ir Vert(LL) -0.17 Vert(CT) -0.23 Horz(CT) 0.03	n (loc) l/defl L/d 13-14 >999 480 313-14 >817 360 3 9 n/a n/a	PLATES MT20 Weight: 79 It	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S BOT CHORD 2x4 S WEBS 2x4 S	P No.1(flat) P No.1(flat) P No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathin end verticals. Rigid ceiling directly appl	g directly applied or 6 ied or 10-0-0 oc braci	-0-0 oc purlins, except

**REACTIONS.** (lb/size) 17=565/Mechanical, 9=561/0-3-6 (min. 0-1-8)

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

TOP CHORD 1-17=-561/0, 9-18=-560/0, 8-18=-559/0, 1-2=-714/0, 2-3=-1637/0, 3-4=-1637/0, 4-5=-2023/0, 5-6=-1997/0, 6-7=-1565/0, 7-8=-662/0

BOT CHORD 15-16=0/1275, 14-15=0/1954, 13-14=0/1997, 12-13=0/1997, 11-12=0/1997, 10-11=0/1217

WEBS 4-15=-406/0, 2-15=0/451, 2-16=-730/0, 1-16=0/863, 6-11=-603/0, 7-11=0/453, 7-10=-722/0, 8-10=0/795

NOTES- (6-7)

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

2) All plates are 3x4 MT20 unless otherwise indicated.

3) Refer to girder(s) for truss to truss connections.

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

5) CAUTION, Do not erect truss backwards.

6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard





1-7-15	8-2-1	5	9-2-15 10	)-2-15	15-7-14
1-7-15	6-7-0		<b>1-0-0</b>	-0-0	5-4-15
Plate Offsets (X,Y)	[1:Edge,0-1-8], [5:0-1-8,Edge], [6:0-1-	8,Edge], [8:0-1-8,Edge],	[17: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	<b>CSI.</b> TC 0.58 BC 0.75 WB 0.62 Matrix-SH	DEFL. ir Vert(LL) -0.23 Vert(CT) -0.32 Horz(CT) 0.04	n (loc) l/defl L/d 13-14 >789 480 13-14 >578 360 9 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 79 lb         FT = 20%F, 11%
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	P No.1(flat) P SS(flat) P No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applie	directly applied or 6-0-0 oc purlins, excep

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

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

TOP CHORD 1-17=-841/0, 9-18=-840/0, 8-18=-839/0, 1-2=-1072/0, 2-3=-2455/0, 3-4=-2455/0, 4-5=-3037/0, 5-6=-2996/0, 6-7=-2345/0, 7-8=-994/0

15-16=0/1913, 14-15=0/2931, 13-14=0/2996, 12-13=0/2996, 11-12=0/2996, 10-11=0/1826 BOT CHORD

5-13=-275/44, 6-12=-13/307, 5-14=-298/268, 4-14=0/296, 4-15=-608/0, 2-15=0/676, 2-16=-1096/0, 1-16=0/1295, 6-11=-910/0, 7-11=0/675, 7-10=-1083/0, 8-10=0/1193 WEBS

NOTES-(6-7)

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

2) All plates are 3x4 MT20 unless otherwise indicated.

3) Refer to girder(s) for truss to truss connections.

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

5) CAUTION, Do not erect truss backwards.

6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

## LOAD CASE(S) Standard





	5-1-7	6-1-7	7-1-7	12-6-	-6
I	5-1-7	1-0-0	1-0-0 ¹	5-4-1	15
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	<b>CSI.</b> TC 0.32 BC 0.59 WB 0.44 Matrix-SH	<b>DEFL.</b> ir Vert(LL) -0.10 Vert(CT) -0.12 Horz(CT) 0.02	n (loc) I/defl L/d 9 9-10 >999 480 3 9-10 >999 360 2 7 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 63 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	P No.1(flat) P No.1(flat) P No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Bigid ceiling directly applied	irectly applied or 6-0-0 oc purlins, except

REACTIONS. (lb/size) 14=675/Mechanical, 7=669/0-3-6 (min. 0-1-8)

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

TOP CHORD 1-14=-672/0, 7-15=-664/0, 6-15=-663/0, 1-2=-622/0, 2-3=-1624/0, 3-4=-1962/0, 4-5=-1699/0, 5-6=-765/0

BOT CHORD 12-13=0/1290, 11-12=0/1962, 10-11=0/1962, 9-10=0/1962, 8-9=0/1412

WEBS 3-12=-529/0, 2-12=0/441, 2-13=-869/0, 1-13=0/850, 4-9=-465/0, 5-9=0/399, 5-8=-843/0, 6-8=0/916

NOTES- (6-7)

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

2) All plates are 3x4 MT20 unless otherwise indicated.

3) Refer to girder(s) for truss to truss connections.

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

5) CAUTION, Do not erect truss backwards.

6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

#### LOAD CASE(S) Standard





BRACING-

TOP CHORD

BOT CHORD

end verticals.

	18.4		
LL	ועונ	БΕ	<b>R</b> -

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

WEBS 2x4 SP No.3(flat)

REACTIONS. (lb/size) 14=695/0-3-8 (min. 0-1-8), 7=689/0-3-6 (min. 0-1-8)

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

TOP CHORD 1-14=-688/0, 7-15=-684/0, 6-15=-683/0, 1-2=-819/0, 2-3=-1790/0, 3-4=-2078/0, 4-5=-1772/0, 5-6=-791/0

BOT CHORD 12-13=0/1488, 11-12=0/2078, 10-11=0/2078, 9-10=0/2078, 8-9=0/1459

WEBS 3-12=-498/0, 2-12=0/421, 2-13=-872/0, 1-13=0/1003, 4-9=-512/0, 5-9=0/430, 5-8=-870/0, 6-8=0/947

NOTES- (5-6)

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

2) All plates are 3x4 MT20 unless otherwise indicated.

3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

be attached to walls at their outer ends or restrained by other means.

CAUTION, Do not erect truss backwards.

5) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard



Structural wood sheathing directly applied or 6-0-0 oc purlins, except

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







end verticals.

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

BOT CHORD

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

WEBS 2x4 SP No.3(flat)

REACTIONS. (lb/size) 9=401/Mechanical, 5=401/Mechanical

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

TOP CHORD 1-9=-396/0, 4-5=-399/0, 1-2=-383/0, 2-3=-683/0, 3-4=-276/0

BOT CHORD 7-8=0/706, 6-7=0/628

WEBS 1-8=0/480, 2-8=-421/0, 3-6=-458/0, 4-6=0/417

NOTES- (3-4)

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 web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBEL	L RIDGE   95 PINON DRI	VE ANGIER, NC
25-2453-F02	F222	Floor Girder	1	1	Job Reference (opti	onal)	# 57910
			Run: 8.430 s Feb 1	2 2021 Prin	t: 8.630 s Jul 12 2024 M	liTek Industries, Inc. Tue N 23 Irad8Ic8A Ir5a6Pct0N	Mar 25 00:35:00 2025 Page 1
	1-3-0		ID.DODRQe	SINISYJEI	diobivbLybr 19-Lgr	1-0-8	
							Scale = 1:13.9
_		THA422					3x4 =
1 3	3x6 =	2 ^{3x4} =		3	3x4 =		4
			T1	Г	-		
				Z	<u>L</u> L		
			/	//			
			<			XV3	W1
						$\setminus$ //	
	3x4 =		_3x4 =			_3x4 =	
g	<  ⁸		/			6	
3x4							1.5x3
UX I							1.0,0 11
1	1-6-0	4-0-0	1	(	6-6-0	7-8-0	I
	1-6-0	2-6-0		2	2-6-0	1-2-0	
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in	(loc)	I/defl L/d	PLATES	GRIP
TCDL 10.0	Lumber DOL 1.00	BC 0.27	Vert(CT) -0.02	7 3	>999 480	IVIT20	244/190
BCLL 0.0	Rep Stress Incr NC	WB 0.39	Horz(CT) 0.01	5	n/a n/a	Waight: 40 lb	FT - 200/ F 110/ F
BCDL 5.0		Waux-P				Weight. 40 lb	FI - 20%F, 11%E
LUMBER-			BRACING-	Christel		dina attu ann lia d'an C.C	
BOT CHORD 2x4 S	P No.1(flat)		TOP CHORD	end vert	icals.	unectly applied of 6-0	J-0 oc punins, except
WEBS 2x4 S	P No.3(flat)		BOT CHORD	Rigid ce	iling directly applied	d or 10-0-0 oc bracing	g.
REACTIONS. (lb/siz	ze) 9=607/0-4-8 (min. 0-1-8).	5=517/0-3-8 (min. 0-1-8)					
	,						
TOP CHORD 1-9	k. Comp./Max. Ten All forces 2 =-600/0_4-5=-513/0_1-2=-651/0	250 (lb) or less except when sho 2-3=-1086/0_3-4=-443/0	own.				
BOT CHORD 7-8=	=0/1220, 6-7=0/921	, 2 0 1000, 0, 0 1 10,0					
WEBS 1-8=	=0/817, 2-8=-740/0, 3-6=-622/0,	4-6=0/609					
NOTES- (5-6)							
1) Recommend 2x6	strongbacks, on edge, spaced a	t 10-0-0 oc and fastened to ea	ch truss with 3-10d (0.1	131" X 3")	) nails. Strongback	s to	
2) Use Simpson Stro	ong-Tie THA422 (Single Chord (	Girder) or equivalent at 2-11-4 fr	om the left end to conn	nect truss	(es) F221 (1 ply 2x4	4 SP)	
to front face of top	chord.						
4) In the LOAD CAS	E(S) section. loads applied to th	e face of the truss are noted as	front (F) or back (B).				
5) Graphical web bra	acing representation does not de	epict the size, type or the orienta	ation of the brace on the	e web. Sy	mbol only indicates	s that	
6) Bearing symbols	be braced. are only graphical representation	ns of a possible bearing condition	on Bearing symbols are	e not con	sidered in the struc	tural	
design of the trus	s to support the loads indicated.		ni. Boaring oynibolo are	0 1101 0011		and and a second s	
	ndard						
1) Dead + Floor Live	(balanced): Lumber Increase=1	.00, Plate Increase=1.00					
Uniform Loads (pl	f)						
Vert: 5-9= Concentrated Loa	-10, 1-4=-100 ids (lb)						111100
Vert: 2=-3	01(F)					WHENTH CA	ROITIN
						A OFESSI	PN 9 11



Job	Truss	Truss Type		Qty	Ply L	OT 0.0023 CAMPBELL	RIDGE   95 PINON DRIVI	E ANGIER, NC
25-2453-F02	F223	Floor		1	1	Job Reference (optior	al)	# 57910
			Run: 8. ID:BS	30 s Feb 12 BRQeSNfs	2021 Print: yJEFuISDI	8.630 s Jul 12 2024 MiT VBEyBPr9-iszRWBaF	ek Industries, Inc. Tue Ma Fvck?nTQH8pwrPEvcA	ar 25 00:35:01 2025  Page 1 AkFBpArHyOoAzGzXZu8
0-9-4 1-3-0		2-0-0	<u>p-5</u>	4				<u>0-5-6</u> 0- <u>1</u> -8
								Scale = 1:32.4
3x6 = 1	2 3	4	3x8 FP= 5 6	4x8 = = 7		1.5x3    8 9	10	1.5x3    1.5x3 = 11 12
	23 2						B2 E3	
	1.5	x3    1.5x3	4x4	=		3x8 FP= 3x8 =		6x6
	4-10-12 4-10-12	+ 5-10-12 + 6-10-12 + 1-0-0 1-0-0 - 5-10-0 1-0-0	<u>11-2-8</u> 1 <u>4-3-12</u> 0	1-4-0 )-1-8		19-9-6 8-5-6	3	
LOADING (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	3:0-1-8,Edgel, [4:0-1-8, SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/TI	2-0-0         CSI.           1.00         TC         0           1.00         BC         0           YES         WB         0           Pl2014         Matrix-S	.33 Vert(LL .54 Vert(CT .31 Horz(C	in ) -0.08 2 ) -0.10 2 F) 0.01	(loc) l/d 22-23 >9 22-23 >9 13	defl L/d 999 480 999 360 n/a n/a	PLATES MT20 Weight: 103 lb	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP REACTIONS. All be (lb) - Max U Max G	<ul> <li>No.1(flat)</li> <li>No.1(flat)</li> <li>No.3(flat)</li> <li>No.3(flat)</li> <li>Plift All uplift 100 lb or la rav All reactions 250 lb 15=315(LC 3)</li> </ul>	=length) 25=0-3-8. ess at joint(s) 17 or less at joint(s) 17, 14, 13	BRACI TOP CI BOT CI s except 25=558(LC 1),	I <b>G-</b> IORD IORD 18=1046(L	Structural end vertic Rigid ceili 6-0-0 oc b C 4), 18=	wood sheathing di als. ing directly applied oracing: 18-19,17-18 :1009(LC 1),	rectly applied or 6-0- or 10-0-0 oc bracing 3,15-17.	0 oc purlins, except , Except:
FORCES. (Ib) - Max. TOP CHORD 1-25= 6-7=- BOT CHORD 23-24 17-18 WEBS 7-18= 5-19=	Comp./Max. Ten All fi 553/0, 1-2=-410/0, 2-3 107/510, 7-8=0/403 !=0/966, 22-23=0/1315, !=-771/0 1012/0, 2-23=0/274, 2- :-858/0, 7-19=0/644, 7-1	orces 250 (lb) or less excep =-1177/0, 3-4=-1315/0, 4-5= 21-22=0/1315, 20-21=0/131 :24=-724/0, 1-24=0/628, 4-2 7=-34/464, 8-17=-370/0	t when shown. 829/0, 5-6=-107/510, 5, 19-20=0/427, 18-19= 0=-620/0, 5-20=0/563,	-789/0,				
NOTES- (6-7) 1) Unbalanced floor lin 2) All plates are 3x4 M 3) Provide mechanica 4) Recommend 2x6 st be attached to walls 5) CAUTION, Do not e 6) Graphical web brac the member must b 7) Bearing symbols ar design of the truss	ve loads have been com IT20 unless otherwise in I connection (by others) trongbacks, on edge, sp s at their outer ends or r erect truss backwards. ing representation does be braced. e only graphical represe to support the loads indi	sidered for this design. ndicated. of truss to bearing plate cap aced at 10-0-0 oc and faste estrained by other means. not depict the size, type or entations of a possible bearin cated.	bable of withstanding 10 ened to each truss with the orientation of the br ng condition. Bearing sy	0 lb uplift a 3-10d (0.13 ace on the mbols are	at joint(s) 31" X 3") r web. Syn not consi	17. nails. Strongbacks nbol only indicates t idered in the structu	to that ral	11000
LOAD CASE(S) Stand	dard						SEAL 28147	A RESIDENT

3/24/2025



	[5.0-1-0,Luge], [4.0-1-0,Luge], [0.0-1	-0,Luyej, [14.Luye,0-1-0		
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 0.17 BC 0.34 WB 0.23 Matrix-SH	DEFL.         in         (loc)         l/defl         L/d           Vert(LL)         -0.05         9-10         >999         480           Vert(CT)         -0.07         10         >999         360           Horz(CT)         0.01         7         n/a         n/a	PLATES         GRIP           MT20         244/190           Weight: 60 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF	P No.1(flat) P No 1(flat)		BRACING- TOP CHORD Structural wood sheathi end verticals	ng directly applied or 6-0-0 oc purlins, except

BOT CHORD

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

WEBS 2x4 SP No.3(flat)

REACTIONS. (lb/size) 14=423/0-3-8 (min. 0-1-8), 7=419/0-7-0 (min. 0-1-8)

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

TOP CHORD 1-14=-422/0, 7-15=-419/0, 6-15=-418/0, 1-2=-316/0, 2-3=-952/0, 3-4=-1156/0, 4-5=-951/0, 5-6=-318/0

BOT CHORD 12-13=0/741, 11-12=0/1156, 10-11=0/1156, 9-10=0/1156, 8-9=0/740

WEBS 3-12=-320/0, 2-12=0/274, 2-13=-553/0, 1-13=0/485, 4-9=-320/0, 5-9=0/275, 5-8=-550/0, 6-8=0/468

NOTES-(5-6)

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

2) All plates are 3x4 MT20 unless otherwise indicated.

3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

be attached to walls at their outer ends or restrained by other means.

4) CAUTION, Do not erect truss backwards.

5) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBEL	L RIDGE   95 PINON	DRIVE ANGIER, NC
25-2453-F02	F225	Floor	4	1	Ich Reference (ontid	onal)	# 57910
			Run: 8.430 s Feb	12 2021 Prin	1500 Reference (option t: 8.630 s Jul 12 2024 M	liTek Industries, Inc. T	ue Mar 25 00:35:01 2025 Page 1
0-0-4 1	-3-0	2-0-0	ID:BSBRQESINI	SYJEFUISD	IVDEYDP19-ISZRVVDA		
		2-0-0					
							Scale = 1:21.8
. 3x6 =					_	3x8 =	3x6 =
1	2	3	4 		5	6	/
		Å				- MiR	
						W4    `	W1 R
			B1	$\checkmark$			
		<u> </u>		<u> </u>			l Ki l
16	15	14	13 1	2		11 70	9 8
		1.5x3	1.5x3				
	4-10-12	5-10-12 6-10	)-12	1	11-6-0		13-7-12
Plate Offsets (X Y) [3:	4-10-12 0-1-8 Edge] [4:0-1-8 Edge]	1-0-0 1-0 [17:Edge 0-1-8]	)-0		4-7-4	1	2-1-12
	<u>o ro,Eugoj, [1.0 ro,Eugoj,</u>						
LOADING (psf)	Plate Grip DOI 1.4-0	CSI. TC 0.25	DEFL. ir Vert(LL) -0.05	1 (loc) 514-15 :	l/defl L/d >999 480	PLATES MT20	<b>GRIP</b> 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.39	Vert(CT) -0.07	14-15	>999 360		210,100
BCLL 0.0 BCDL 5.0	Rep Stress Incr NO Code IRC2021/TPI2014	WB 0.23 Matrix-SH	Horz(CT) 0.01	10	n/a n/a	Weight: 73	lb FT = 20%F. 11%E
			DDACING			5	- ,
TOP CHORD 2x4 SP N	o.1(flat)		TOP CHORD	Structura	al wood sheathing o	directly applied or	6-0-0 oc purlins, except
BOT CHORD 2x4 SP N	o.1(flat)			end vert	icals.	d or 10 0 0 oc bra	cina Except:
WEDS 2X4 OF N	0.5(1141)		BOT CHORD	6-0-0 oc	bracing: 10-11,9-1	0.	cing, Except.
REACTIONS. (Ib/size)	17=376/0-3-8 (min. 0-1-8), ft8=-89/LC 8)	8=-22/Mechanical, 10=763/0-7	'-0 (min. 0-1-8)				
Max Gra	v 17=377(LC 3), 8=164(LC 7	), 10=790(LC 8)					
FORCES. (lb) - Max. C	omp./Max. Ten All forces 2	50 (lb) or less except when sho	own.				
TOP CHORD 1-17=-3	73/0, 1-2=-277/0, 2-3=-799/0	), 3-4=-900/0, 4-5=-589/0, 5-6=	-79/304				
BOT CHORD 15-16=( 9-10=-5	0/652, 14-15=0/900, 13-14=0 35/0	//900, 12-13=0/900, 11-12=0/31	10, 10-11=-546/0,				
WEBS 6-10=-7	63/0, 2-16=-489/0, 1-16=0/4	24, 4-12=-401/0, 5-12=0/367, 5	5-11=-595/0,				
6-11=0/	477, 6-9=0/454, 7-9=-332/0						
NOTES- (8-9)	landa hava haan aanaidaraa	for this design					
2) All plates are 3x4 MT	20 unless otherwise indicate	d.					
3) Refer to girder(s) for t	russ to truss connections.	s to bearing plate capable of wi	ithetanding 100 lb unlif	t at ioint(s	-) Q		
5) Load case(s) 1, 2, 3,	4, 5, 6, 7, 8, 9, 10 has/have l	been modified. Building designed	er must review loads to	verify that	at they are correct for	or	
the intended use of th	iis truss. ngbacks, on edge, spaced a	t 10-0-0, oc and fastened to ea	ch truss with 3-10d (0	131" X 3")	) nails Strongback	e to	
be attached to walls a	at their outer ends or restrain	ed by other means.		101 X 0 )		3 10	
<ol> <li>CAUTION, Do not ere</li> <li>Graphical web bracing</li> </ol>	ect truss backwards. a representation does not de	nict the size type or the orients	ation of the brace on th	e web Sv	mbol only indicates	sthat	
the member must be	braced.					5 that	HIM.
<ol> <li>Bearing symbols are design of the truss to</li> </ol>	only graphical representation support the loads indicated	is of a possible bearing condition	on. Bearing symbols a	re not con	sidered in the struc	tural white TH	ARO
						UNING OFE	Soid Nou
1) Dead + Floor Live (ba	rd Ilanced): Lumber Increase=1	.00, Plate Increase=1.00				in all	AND IN THE
Uniform Loads (plf)	4 7- 07					SE	AL
Concentrated Loads	(lb)					281	47 1 1
Vert: 7=-135	ee-1.00 Plate Increase-1.0	h				11111	~ / 1
Uniform Loads (plf)	se- 1.00, Flate IIICrease=1.0	J				THAN NOI	VEEP GIS IN
Vert: 8-17=-7	, 1-7=-67					Manak K.	MOHRMAN
Continued on page 2						2 12	4/2025
							4/2023

Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBELL RIDGE   95 PINON	DRIVE ANGIER, NC
25-2453-F02	F225	Floor	4	1	Job Reference (optional)	# 57910
L	1		00 - 5-1-4	0.0004 D		T M

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Mar 25 00:35:01 2025 Page 2 ID:BSBRQeSNfsyJEFulSDIvBEyBPr9-iszRWBaFvck?nTQH8pwrPEveUkHSpB4HyOoAzGzXZu8

LOAD CASE(S) Standard Concentrated Loads (lb)
Vert: 7=-135 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-17=-7 1-6=-67 6-7=-13
Concentrated Loads (lb) Vert: 7=-135
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-17=-7 1-6=-13 6-7=-67
Concentrated Loads (lb) Vert: 7=-135
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-17=-7, 1-6=-67, 6-7=-13
Vert: 7=-135
<ul> <li>6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-17=-7, 1-6=-13, 6-7=-67 Concentrated Loads (lb)</li> </ul>
Vert: 7=-135 7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00. Plate Increase=1.00
Uniform Loads (plf) Vert: 8-17=-7, 1-4=-67, 4-6=-13, 6-7=-67 Concentrated Loads (lb)
8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-17=-7 1-3=-13 3-7=-67
Concentrated Loads (lb)
9) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-17=-7, 1-4=-67, 4-6=-13, 6-7=-67 Concentrated Loads (lb)
Vert: 7=-135 10) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
Concentrated Loads (lb) Vert: 7=-135



Job	Truss	Truss Type	Qty	Ply LOT 0.0	0023 CAMPBELL RIDGE   9	5 PINON DRIVE A	NGIER. NC
25-2453-F02	F226	Floor	5			#	[±] 57910
			Run: 8.430 s Feb 1	JOD R 2 2021 Print: 8.630	eterence (optional) s Jul 12 2024 MiTek Industri	ies, Inc. Tue Mar 25	00:35:02 2025 Page 1
0-6-12 1-3-0				)-0	BP19-BZAPKADIgwssPa	_1100R49R5g780 _0-7-4	<u>0-6-4</u>
			I	Ι		1 1	Scale: 2/9"=1'
$\frac{1}{25}$	$1.5x3 \parallel$ $3x8 \text{ FP}=$ $3  4  5$ $3  4  5$ $3  4  5$ $3  4  5$ $3  4  5$ $3  4  5$ $3  4  5$ $3  4  5$ $3  8 =$	6 7 12 12 B1 22	8 T2 21 20 15x3	9 9 19 15v3	10 10 10 10 10 10 10 10 10 10	4x8 = 11	3x6 = $12$ $12$ $14$ $13$ $4x4 =$
JAU —		12	12-0-12	13-0-12	3x0 FP-	- + + + - + + + + + + + + + + + + + + +	9.9.12
Plate Offsets (X,Y) [1:1	Edge,0-1-8], [8:0-1-8,Edge],	[9:0-1-8,Edge]	1-0-0	1-0-0	4-7-4		
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 NO Code IRC2021/TPI2014	<b>CSI.</b> TC 0.83 BC 0.88 WB 0.42 Matrix-SH	<b>DEFL.</b> in Vert(LL) -0.28 Vert(CT) -0.38 Horz(CT) 0.03	(loc) l/defl 20-21 >761 20-21 >556 15 n/a	L/d PL 480 MT 360 n/a We	ATES GR 20 24 eight: 104 lb F	<b>IP</b> ∔/190 T = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP N BOT CHORD 2x4 SP S B2: 2x4 SP WEBS 2x4 SP N	o.1(flat) S(flat) *Except* P No.1(flat) o.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural woo end verticals. Rigid ceiling di 6-0-0 oc bracir	d sheathing directly ap rectly applied or 10-0-0 g: 15-16,14-15.	plied or 6-0-0 o 0 oc bracing, E	c purlins, except xcept:
REACTIONS. (Ib/size) Max Uplif Max Grav	25=578/0-5-8 (min. 0-1-8), ft13=-408(LC 3) /25=578(LC 3), 13=51(LC 4)	13=-357/Mechanical, 15=1348 , 15=1348(LC 1)	3/0-7-0 (min. 0-1-8)				
FORCES. (ib) - Max. Co TOP CHORD 12-13= 7-8=-20: BOT CHORD 24-25=0 18-19=0 WEBS 8-20=-31 3-23=0/- 10-16=-1	omp./Max. Ten All forces 2 48/416, 2-3=-920/0, 3-4=-17 55/0, 8-9=-1594/0, 9-10=-71 //391, 23-24=0/1431, 22-23= //1594, 15-16=-1062/0, 14-1 69/0, 9-19=0/391, 11-15=-13 451, 3-24=-666/0, 2-24=0/68 928/0, 11-16=0/768, 11-14=0	50 (Ib) or less except when sh 85/0, 4-5=-1785/0, 5-6=-1785// 8/0, 10-11=0/615, 11-12=0/34 0/2037, 21-22=0/2251, 20-21= 5=-1043/0 28/0, 8-21=0/630, 7-21=-273/2 9, 2-25=-709/0, 9-18=-1122/0, 0/884, 12-14=-648/0	own. 0, 6-7=-2141/0, 1 =0/1594, 19-20=0/1594, 2, 6-23=-322/0, 10-18=0/810,				
NOTES- (8-9) 1) Unbalanced floor live 2) All plates are 3x4 MT2 3) Refer to girder(s) for tr 4) Provide mechanical cr 5) Load case(s) 1, 2, 3, 4 the intended use of th 6) Recommend 2x6 stron be attached to walls a 7) CAUTION, Do not ere 8) Graphical web bracing the member must be f 9) Bearing symbols are of design of the truss to a	loads have been considered 20 unless otherwise indicate russ to truss connections. onnection (by others) of truss 4, 5, 6, 7, 8, 9, 10 has/have to is truss. ngbacks, on edge, spaced at t their outer ends or restraine ct truss backwards. g representation does not de oraced. only graphical representation support the loads indicated.	for this design. d. s to bearing plate capable of w been modified. Building design a 10-0-0 oc and fastened to ea ed by other means. pict the size, type or the orient s of a possible bearing condition	ithstanding 100 lb uplift er must review loads to ach truss with 3-10d (0.1 ation of the brace on the on. Bearing symbols are	at joint(s) excep verify that they 31" X 3") nails. e web. Symbol o e not considered	ot (jt=lb) 13=408. are correct for Strongbacks to only indicates that	TH CARO	
LOAD CASE(S) Standar 1) Dead + Floor Live (ba Uniform Loads (plf) Vert: 13-25=-7 Concentrated Loads ( Vert: 12=-135	d lanced): Lumber Increase=1 7, 1-12=-67 lb)	.00, Plate Increase=1.00			Manganan Martin	SEAL 28147	Spining
Continued on page 2						3/24/202	5

Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBELL RIDGE   95 PINON	NDRIVE ANGIER, NC
25-2453-F02	F226	Floor	5	1	Job Reference (optional)	# 57910
		Run	: 8.430 s Feb 1	2 2021 Prin	nt: 8.630 s Jul 12 2024 MiTek Industries. Inc.	Tue Mar 25 00:35:02 2025 Page 2

Run: 8.430 s. Feb 12 2021 Print: 8.630 s.Jul 12 2024 Mi Tek Industries, Inc. . Tue Mar 25 00:35:02 2025. Page 2 ID:BSBRQeSNfsyJEFuISDIvBEyBPr9-B2XpkXbtgwssPd_TiWR4yRSg78W4YbIQB2YjWizXZu7

LOAD CASE(S) Standard
2) Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-25=-7, 1-12=-67
Concentrated Loads (lb)
Vert: 12=-135
3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-25=-7, 1-11=-67, 11-12=-13
Concentrated Loads (lb)
Vert: 12=-135
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Úniform Loads (plf)
Vert: 13-25=-7, 1-11=-13, 11-12=-67
Concentrated Loads (lb)
Vert: 12=-135
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-25=-7, 1-11=-67, 11-12=-13
Concentrated Loads (lb)
Vert: 12=-135
6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-25=-7, 1-11=-13, 11-12=-67
Concentrated Loads (lb)
Vert: 12=-135
7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-25=-7, 1-9=-67, 9-11=-13, 11-12=-67
Concentrated Loads (lb)
Vert: 12=-135
8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-25=-7, 1-8=-13, 8-12=-67
Concentrated Loads (lb)
Vert: 12=-135
9) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-25=-7, 1-9=-67, 9-11=-13, 11-12=-67
Concentrated Loads (lb)
Vert: 12=-135
10) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-25=-7, 1-8=-13, 8-12=-67
Concentrated Loads (lb)
Vert 12=-135



Job	Truss	Truss Type	Qty	Ply LOT	0.0023 CAMPBELL RIDG	E   95 PINON DRIVE AN	GIER, NC
25-2453-F02	F227	Floor	3	1 1	Reference (ontional)	#	57910
<u>p-6-12 1-3-0</u>			Run: 8.430 s Feb 1 ID:BSBRQeS	22021 Print: 8.63 NfsyJEFuISDIv 2-0-0	/BEJUIT2 2024 MITEK Ind BEJBPr9-B2XpkXbtgw	tustries, Inc. Tue Mar 25 ( /ssPd_TiWR4yRSj98Y ⊢	)0:35:02 2025 Page 1 YCxQB2YJWiZXZu7 0-9-4 0-11-8 Scale = 1:29.3
3x6 =	1.5x3 3x8 FP= 1 3 4 5 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 6 7 6 8 81 19	18 17 1.5x	3	9 16 15 1.5x3	10 <b>B</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b>	1.5x3 = 11 $11$ $23$ $11$ $12$ $12$ $23$ $1$
Plate Offsets (X,Y) [ LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	1:Edge,0-1-8], [8:0-1-8,Edge SPACING- 1-4- Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI201	11-0-12         11-0-12         1. [9:0-1-8,Edge], [11:0-1-8,Edge]         0       CSI.         0       TC 0.63         0       BC 0.77         S       WB 0.38         4       Matrix-SH	D <b>EFL.</b> in Vert(LL) -0.29 Vert(CT) -0.39 Horz(CT) 0.04	12-0-12   13-0 1-0-0   1-0 (loc)  /defl 17-18 >744 17-18 >542 12 n/a	D-12 -0 L/d 480 360 n/a	<u>17-11-8</u> <u>4-10-12</u> <b>PLATES GRIP</b> MT20 244/1 Weight: 91 lb FT	90 ⁻ = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP B2: 2x4 WEBS 2x4 SP	No.1(flat) SS(flat) *Except* SP No.1(flat) No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wo end verticals Rigid ceiling	ood sheathing directly directly applied or 10	/ applied or 6-0-0 oc )-0-0 oc bracing.	purlins, except

REACTIONS. (lb/size) 22=649/0-5-8 (min. 0-1-8), 12=645/0-7-0 (min. 0-1-8)

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

- TOP CHORD 12-23=-656/0, 11-23=-655/0, 2-3=-1051/0, 3-4=-2088/0, 4-5=-2088/0, 5-6=-2088/0,
- 6-7=-2619/0, 7-8=-2706/0, 8-9=-2403/0, 9-10=-1689/0, 10-11=-511/0
- BOT CHORD 21-22=0/437, 20-21=0/1647, 19-20=0/2434, 18-19=0/2804, 17-18=0/2403, 16-17=0/2403, 15-16=0/2403, 14-15=0/1171, 13-14=0/1171
- WEBS 8-17=-312/0, 9-16=0/334, 8-18=-37/491, 6-20=-441/0, 3-20=0/564, 3-21=-776/0,
  - 2-21=0/799, 2-22=-794/0, 9-15=-920/0, 10-15=0/674, 10-13=-859/0, 11-13=0/756

NOTES- (5-6)

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

2) All plates are 3x4 MT20 unless otherwise indicated.

3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

be attached to walls at their outer ends or restrained by other means.

4) CAUTION, Do not erect truss backwards.

5) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

# LOAD CASE(S) Standard



Job	Truss	Truss Type		Qty F	Ply L	OT 0.0023 CA	PBELL RID	GE   95 PINON DR	IVE ANG	IER, NC	
25-2453-F02	F228	Floor Supported Gable		1	1	Job Reference	(optional)		#	57910	
			Run: 8.43 ID:B	30 s Feb 12 SBRQeSN	2021 Print: fsyJEFulS	8.630 s Jul 12 2 SDIvBEyBPr9-	2024 MiTek Ir B2XpkXbtg	ndustries, Inc. Tue wssPd TiWR4yl	Mar 25 0 RSr?8jiY	0:35:02 2025 ′hMQB2YjW	Page 1 izXZu7
										0- <u>1</u> -8	
										Scale =	1:28.6
3x4	3x8 FP=		3x4 —								
1 2 1 T1	3 4 5	6 7	8 9	T2 ¹⁰		11	12	13	14	15	
	ST1 ST1	о о ST1 ST1	ST1 W2 ST1	ST1	~~~~~	ST1	ST1	ST1 5	B ST1		31 0- 
30 29	28 27	26 25	24 23	22 مممم	~~~~	21	20 19	18	17	16	
3x4			3x4 =				3x8 F	P=		3x4	
L			17-6-0 17-6-0							1	
Plate Offsets (X,Y) [1:	Edge,0-1-8], [8:0-1-8,Edge	e], [23:0-1-8,Edge], [30:Edge,	0-1-8]								
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 Rep Stress Incr YE Code IRC2021/TPI20	-0 <b>CSI.</b> 00 TC 0.07 00 BC 0.01 IS WB 0.03 14 Matrix-SH	<b>DEFL.</b> Vert(LL) Vert(CT) Horz(CT	in n/a n/a ) 0.00	(loc) l/d - - 16	defl L/d n/a 999 n/a 999 n/a n/a		<b>PLATES</b> MT20 Weight: 76 lb	<b>GRIP</b> 244/19 FT	90 = 20%F, 1	1%E
LUMBER- TOP CHORD 2x4 SP N	lo.1(flat)		BRACIN TOP CH	G- ORD S	Structural	wood sheat	hing direct	ly applied or 6-	0-0 oc p	ourlins, exe	cept

end verticals.

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

BOT CHORD

 TOP CHORD
 2x4 SP No.1(flat)

 BOT CHORD
 2x4 SP No.1(flat)

 WEBS
 2x4 SP No.3(flat)

 OTHERS
 2x4 SP No.3(flat)

**REACTIONS.** All bearings 17-6-0.

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

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

NOTES- (7-8)

1) All plates are 1.5x3 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

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

6) CAUTION, Do not erect truss backwards.

7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. 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.

LOAD CASE(S) Standard

