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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 #: 54877 JOB: 24-B007-F01 JOB NAME: LOT 0.0012 CAMPBELL RIDGE Wind Code: N/A Wind Speed: Vult= N/A Exposure Category: N/A Mean Roof Height (feet): N/A These truss designs comply with IRC 2018 as well as IRC 2021. 23 Truss Design(s)

Trusses:

F101, F102, F103, F103A, F103B, F104, F105, F106, F107, F108, F109, F110, F111, F111A, F112, F114, F115, F115A, F115B, F115C, F115D, F116, F117



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

Job		Truss			Truss Type			Q	ty	Ply	LOT 0.0	012 CAM	PBELL RID	GE 329 ALE	DEN WAY A	ANGIEI	R, NC	
24-B007-F01		F101			Floor Supported G	able		1		1	Job Re	ference	(optional)		7	# 5	4877	
								Run: 8.63 ID:UMCU2	30 s Jul 1 t6gUxCl	2 2024 Pri _qMIKo_c	nt: 8.630 19qxya V	s Jul 12 2 B1-qBA	024 MiTek /0ibm_10[Industries, In DLRpzH239	c. Sat Dec otDsCObl	7 16:1 RPXV	7:25 2024 Pa WZstQVqyE	age 1 3JkO
																	0-1-8	
																	Scale = 1:	32.7
								3x4 =			3x8	FP =					3x4	
1	2	3	4	5	6 ₁₁	7	8	9	10	1	1 1	2 13	14	_15	1	6	17	
	B ST1 O XXXX	ST1 BB1	ST1	ST1	в т т т т т т т т т т т т т т т т т т т	ST1	ST1 W	2 ST1	ST1	S B2		ST1	B ST1	ST ST	ı s	T1		1-2-0
34	33	32	31	30	29 28	27	26	25	24	2	3	22	21	20	1	9	18	
3x4				3)	<pre> 8 FP=</pre>		3x4 =										3x4	

				2000		
				20-0-6		
Plate 0	Offsets (X,Y)	[9:0-1-8,Edge], [26:0-1-8,Edge], [34:E	Edge,0-1-8]			
LOADI TCLL TCDL BCLL BCDL	NG (psf) 40.0 10.0 0.0 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.05 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	n (loc) l/defl L/d a - n/a 999 a - n/a 999 0 18 n/a n/a	PLATES GRIP MT20 244/190 Weight: 86 lb FT = 20%F, 11%E
LUMBE TOP C BOT C	ER- HORD 2x4 SF HORD 2x4 SF	P No.1(flat) P No.1(flat) P No.2(flat)		BRACING- TOP CHORD	Structural wood sheathing end verticals.	directly applied or 6-0-0 oc purlins, except

20-0-6

2x4 SP No.3(flat) OTHERS

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

REACTIONS. All bearings 20-0-6.

(Ib) - Max Grav All reactions 250 lb or less at joint(s) 18, 34, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33

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	Qtv		.0012 CAMPRELL R		Y ANGIER NC
24-B007-F01	F102	Floor	7				# 54877
			Run: 8.630 s Jul	Job F 12 2024 Print: 8.63	Reference (optiona 30 s Jul 12 2024 MiTe	al) ek Industries, Inc. Sat D d1WfGyblat OTEdatus	ec 7 16:17:27 2024 Page 1
0-1-8			ID.0MC0210	30x0Eq1011K0_q			EBDDiJiip0AlviAalyBJKivi
H ⊢ 1-4-9	<u> 1-4-9 </u>		1-4-0 1-6-8	1-5-4	2-0-0	1	1-2-8 Scale = 1:32.8
1.5x3							
1.5x5 — 1 2	$3 + 1000 \pm 1000 \pm 10000 \pm 100000000000000$	5 6 7	8	9 1.5	, xo 0 To	11	12 13
9 25 W2					2		
	B1 5				В2		
	23 22	21 20			~ 7 ·	- <u>-</u> 16 15	
6x6	20 22	3x8	FP= 3x8 =	10 1	' 1.	5x3	3x6 =
1.7.0	3-1-10 4-1-10 5-1-10	10.5.10	12-3-2	13-11-6	14-11-6 15-11-6	20-0-	6
Plate Offsets (X Y) [<u></u>	e] [22:0-1-8 Edge] [23:0-1-8 E	12-3-2 1-9-8	1-8-4	1-0-0 1-0-0	+ 20-0- 4-1-0)
	SPACING- 1-7-3			(loc) l/defl	l /d	PI ATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.33	Vert(LL) -0.06	15-16 >999	480	MT20	244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.49	Horz(CT) 0.01	14 n/a	n/a	Weight: 102 lb	FT = 20%F 11%F
			BRACING-				
TOP CHORD 2x4 SP	No.1(flat) No.1(flat)		TOP CHORD	Structural woo	od sheathing dire	ectly applied or 6-0-	0 oc purlins, except
WEBS 2x4 SP	No.3(flat)		BOT CHORD	Rigid ceiling c	lirectly applied o	r 6-0-0 oc bracing.	
REACTIONS. (Ib/size) 24=336/0-5-6 (min. 0-1-8)	, 14=425/0-4-8 (min. 0-1-8), 19	=1694/0-4-8 (min. 0-1-	8)			
	av 24=352(LC 10), 14=466(LC	5 4), 19=1694(LC 1)					
TOP CHORD 2-3=-6	Comp./Max. Ten All forces 3 68/8, 3-4=-668/8, 4-5=-668/8	250 (Ib) or less except when sh , 5-6=-124/340, 6-7=-124/340,	own. 7-8=0/1220, 8-9=0/122´	l, 9-10=-1158/0),		
BOT CHORD 23-24	=-1158/0, 11-12=-848/0 =0/425, 22-23=-8/668, 21-22=	-177/489, 20-21=-507/0, 19-20	=-507/0, 18-19=0/955,	17-18=0/955, 1	6-17=0/1158,		
15-16: WEBS 5-22=0	=0/1158, 14-15=0/544 0/394, 5-21=-528/0, 7-21=0/5	40, 7-19=-877/0, 11-15=-396/0,	, 12-15=0/396, 12-14=-6	690/0, 9-19=-20)22/0,		
9-17=0	0/397, 2-24=-513/0, 2-23=-55	/300					
NOTES- (5-6) 1) Unbalanced floor liv	e loads have been considere	d for this design.					
2) All plates are 3x4 M3) Recommend 2x6 str	T20 unless otherwise indicate ongbacks, on edge, spaced a	ed. at 10-0-0 oc and fastened to ea	ach truss with 3-10d (0.1	31" X 3") nails	. Strongbacks to	D	
be attached to walls 4) CAUTION, Do not e	at their outer ends or restrair rect truss backwards.	ed by other means.					
5) Graphical web braci	ng representation does not de braced.	epict the size, type or the orient	ation of the brace on the	e web. Symbol	only indicates th	nat	
6) Bearing symbols are design of the truss to	e only graphical representation	ns of a possible bearing conditi	on. Bearing symbols are	e not considere	ed in the structura	al	
LOAD CASE(S) Stand	ard					munnin	1100.
1) Dead + Floor Live (k Uniform Loads (plf)	palanced): Lumber Increase=	1.00, Plate Increase=1.00				WHINN TH CAR	OLIANI
Vert: 14-24=	8, 1-13=-80					IN POPESOI	N.S. A.
Vert: 9=-720)				in the second se	1 SEAL	
					UUIN	28147	
					11hr	A SNOINEE	S. S. MIL
						MARK K. M	RAMMIN
						· · · · · · · · · · · · · · · · · · ·	11.

12/7/2024



REACTIONS. (lb/size) 12=992/0-4-8 (min. 0-1-8), 7=564/0-4-8 (min. 0-1-8)

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

TOP CHORD 2-3=-1619/0, 3-4=-1619/0, 4-5=-1095/0

BOT CHORD 11-12=0/1710, 10-11=0/1711, 9-10=0/1619, 8-9=0/1619, 7-8=0/651

WEBS 4-8=-703/0, 5-8=0/578, 5-7=-826/0, 2-10=-290/0, 2-12=-1944/0

NOTES- (4-5)

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 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

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 7-12=-8, 1-6=-80 Concentrated Loads (lb) Vert: 2=-720





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) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

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





BRACING-

TOP CHORD

BOT CHORD

end verticals

NOTES- (4-5)

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

REACTIONS. (lb/size) 12=418/0-4-8 (min. 0-1-8), 7=418/0-4-8 (min. 0-1-8)

10-11=0/811, 9-10=0/928, 8-9=0/928, 7-8=0/492

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

1-12=-409/0, 1-2=-425/0, 2-3=-928/0, 3-4=-928/0, 4-5=-727/0

1-11=0/533, 2-11=-502/0, 2-10=0/327, 4-8=-288/0, 5-8=0/306, 5-7=-624/0

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) 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

LUMBER-

WEBS

TOP CHORD

BOT CHORD

WEBS

TOP CHORD 2x4 SP No.1(flat)

BOT CHORD 2x4 SP No.1(flat)

2x4 SP No.3(flat)



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

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



LOADIN	G (psf)	SPACING- 1-7-3	CSI.	DEFL. i	n (loc) l/defl L/d	PLATES	GRIP	
TCLL	40.0	Plate Grip DOL 1.00	TC 0.04	Vert(LL) n/a	a - n/a 999	MT20	244/190	
TCDL	10.0	Lumber DOL 1.00	BC 0.01	Vert(CT) n/a	a - n/a 999			
BCLL	0.0	Rep Stress Incr YES	WB 0.02	Horz(CT) 0.0) 4 n/a n/a			
BCDL	5.0	Code IRC2021/TPI2014	Matrix-P	· · · ·		Weight: 16 lt	FT = 20%F, 11%E	
LUMBER	र-			BRACING-				
TOP CH	ORD 2x4 SP	No.1(flat)		TOP CHORD	Structural wood sheathing	directly applied or 2	-5-6 oc purlins, except	
BOT CH	ORD 2x4 SP	PNo.1(flat)			end verticals.			
WEBS	2x4 SP	No.3(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.				

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

REACTIONS. (lb/size) 6=38/2-5-6 (min. 0-1-8), 4=31/2-5-6 (min. 0-1-8), 5=119/2-5-6 (min. 0-1-8)

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

NOTES-(6-7)

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.

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







Job	Truss	Truss Type	Qty	Ply	LOT 0.0012 CAN	IPBELL RIDG	E 329 ALDEN WAY	ANGIER, NO	2
24-B007-F01	F106	FLOOR	3	1	Job Reference	(optional)		# 548	77
			Run: 8.630 s Jul ID:UMCU2t6gUx	12 2024 Pri CLqMIKo	nt: 8.630 s Jul 12 2 _q9qxyaVB1-7Y	2024 MiTek In '5YU5h9LBu	idustries, Inc. Sat Dec JEhWrJB0hoaM?_f0	7 16:17:32 Ct2YcQYA	2024 Page 1 S4IFwyBJkH
0-1-8									
H ⊢ 1-3-0	<u> 1-0-2</u> <u> 2</u> -	0-0	<u>1-0-0</u> -1-0		<u>0-8-12</u> ⊨	2-0-0	4	1-2-8 Sc	ale = 1:36.1



	ļ	<u>5-1-10</u> 5-1-10	6-1-10 7-1-10 1-0-0 1-0-0	<u>12-1-10</u> 5-0-0	-12 ₁ 5 0-4	- <u>10 15</u> -0 3-	-11-6 5-12	16-11-6 ₁ 1 1-0-0	17-11-6 1-0-0	22-0-6 4-1-0
Plate O	ffsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8	3,Edge], [11:0-1	-8,Edge], [17:0-1-8,Edg	e], [19:0-1-8,Edg	e], [27:Edge	,0-1-8]			
LOADIN TCLL TCDL BCLL BCDL	I G (psf) 40.0 10.0 0.0 5.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/7	1-7-3 1.00 1.00 YES IPI2014	CSI. TC 0.35 BC 0.46 WB 0.33 Matrix-SH	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc -0.07 24-25 -0.09 24 0.02 14) l/defl >999 >999 >999 n/a	L/d 480 360 n/a	PLATES MT20 Weight: 113	GRIP 244/190 Ib FT = 20%F, 11%E
LUMBE TOP CH BOT CH WEBS	R- IORD 2x4 SF IORD 2x4 SF 2x4 SF	P No.1(flat) P No.1(flat) P No.3(flat)			BRACING- TOP CHOI BOT CHOI	RD Struc end RD Rigic	etural woo /erticals. ceiling di	d sheathing d	directly applied or (d or 6-0-0 oc braciı	S-0-0 oc purlins, except ng.
REACT	UNS. (Ib/siz) Max G	e) 27=484/0-5-6 (min Grav 27=498(LC 10), 19:	. 0-1-8), 19=17 =1715(LC 1). 14	15/0-4-8 (min. 0-1-8), 1 I=388(LC 4)	4=352/0-4-8 (mi	n. 0-1-8)				
FORCES TOP CH BOT CH WEBS	S. (lb) - Max. IORD 27-28 6-7=0 IORD 25-20 19-20 6-19= 12-18 7-18=	Comp./Max. Ten All 3=-494/0, 1-28=-493/0, 0/723, 7-8=-224/330, 8- 5=0/1022, 24-25=0/135 3=-537/0, 18-19=-643/0 =-1266/0, 10-17=-261/0 5=-11/251, 12-14=-584/ =0/573, 9-18=-596/0, 9-	forces 250 (lb) 1-2=-548/0, 2-3 9=-224/330, 9- 5, 23-24=0/135 5, 23-24=0/135 7, 17-18=-155/6 7, 7-19=-576/0, 70, 4-22=-452/0, 17=0/472	or less except when shi =-1218/0, 3-4=-1355/0, 10=-791/20, 10-11=-79' 5, 22-23=0/1355, 21-22 18, 16-17=-20/791, 15-' 1-26=0/661, 2-26=-618/ 5-22=0/423, 5-20=-724	own. 4-5=-1056/0, 1/20, 11-12=-653 =0/765, 20-21=0 16=-20/791, 14-1 0, 2-25=0/255, 4/0, 6-20=0/701,	/0 /765, 5=0/460				
NOTES- 1) Unba 2) All pla 3) Reco be att 4) CAU ⁻¹ 5) Grapl the m 6) Beari desig	(5-6) lanced floor li ates are 3x4 M mmend 2x6 s iached to wall FION, Do not nical web brac ember must t ng symbols a n of the truss	ve loads have been con MT20 unless otherwise trongbacks, on edge, s s at their outer ends or erect truss backwards. cing representation doe be braced. re only graphical repres to support the loads ind	nsidered for this indicated. paced at 10-0-0 restrained by of s not depict the sentations of a p dicated.	o design. o c and fastened to ea ther means. size, type or the orienta possible bearing conditio	ich truss with 3-1 ation of the brace on. Bearing symb	0d (0.131" X e on the web pols are not o	3") nails. . Symbol o considere	Strongback only indicates d in the struc	s to s that stural	10
LOAD C 1) Dead Unifo Conc	ASE(S) Stan + Floor Live rm Loads (plf Vert: 14-27 entrated Loac Vert: 6=-64	dard (balanced): Lumber Inc) =-8, 1-13=-80 is (Ib) 0	rease=1.00, Pla	te Increase=1.00					281	AROUND THE REAL OF

12/7/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0012 CAMPBELL RIDGE 329 ALI	DEN WAY ANGIER, NC
24-B007-F01	F107	FLOOR	2	1	Job Reference (optional)	# 54877
			Run: 8.630 s Jul 1 ID:UMCU2t6gUx	2 2024 Prii CLqMIKo_	nt: 8.630 s Jul 12 2024 MiTek Industries, In _q9qxyaVB1-3wDJvniQto8ywp?hIRk0	ic. Sat Dec 7 16:17:34 2024 Page 1 Ggn4Fm0Xb0WKrdmZPKpyBJkF
0-1-8						
H ⊢ <u>1-3-0</u>	<u>1-0-2</u> <u>2</u>	-0-0	<u>1-0-0</u> -1-0		<u>P-8-12</u> <u>1-11-12</u> <u>1-1-4</u>	



		<u>5-1-10</u> 5-1-10	<u>6-1-10 7-1-10</u> 1-0-0 1-0-0	0 <u>12-1-10</u> 5-0-0	12 ₋ 5- 0-4-	10 15-1 0 3-5	11-6 -12	16-11-6 ₁ 1	7-11-6	22-0-6
Plate Of	ffsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8	8,Edge], [17:0-1	-8,Edge], [19:0-1-8,Edg	je], [27:Edge,0-1-	8]				
LOADIN TCLL TCDL BCLL BCDL	G (psf) 40.0 10.0 0.0 5.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/	1-7-3 1.00 1.00 YES TPI2014	CSI. TC 0.70 BC 0.58 WB 0.37 Matrix-SH	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) -0.07 24-25 -0.12 15-16 0.02 14	l/defl >999 >969 n/a	L/d 480 360 n/a	PLATES MT20 Weight: 11	GRIP 244/190 4 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) WEBS 2x4 SP No.3(flat) REACTIONS. (lb/size) 27=495/0-5-6 (min. 0-1-8), 14=510/0-4-8 (min. 0-1-8), 19=1					BRACING- TOP CHOI BOT CHOI	RD Struct end vo RD Rigid 6-0-0 n. 0-1-8)	ural wood erticals. ceiling dire oc bracing	sheathing o ectly applied g: 19-20,18-	directly applied or d or 10-0-0 oc bra 19.	6-0-0 oc purlins, except cing, Except:
FORCES TOP CH BOT CH WEBS	CACHONS. (ID/SIZe) $2/2 = 495/0 - 5 - 6$ (min. $0 - 1 - 8$), $14 = 510/0 - 4 - 8$ (min. $0 - 1 - 8$), $19 = 1785/0 - 4 - 8$ (min. $0 - 1 - 8$) Max Grav 27 = 509(LC 10), $14 = 546(LC 4)$, $19 = 17785(LC 1)$ FORCES. (Ib) - Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown. FOP CHORD $27 - 28 = -506/0$, $1 - 28 = -505/0$, $13 - 14 = -554/0$, $1 - 2 = -562/0$, $2 - 3 = -1261/0$, $3 - 4 = -1421/0$, $4 - 5 = -1148/0$, $5 - 6 = -354/0$, $6 - 7 = 0/543$, $7 - 8 = -467/56$, $8 - 9 = -467/56$, $9 - 10 = -1283/0$, $10 - 11 = -1283/0$, $11 - 12 = -1283/0$, $12 - 11 = -20 = -362/0$, $11 - 12 = -1283/0$, $12 - 12 = -20/1421$, $22 - 23 = 0/1421$, $21 - 22 = 0/872$, $20 - 21 = 0/872$, $19 - 20 = -362/0$, $18 - 19 = -450/0$, $17 - 18 = 0/973$, $16 - 17 = 0/1283$, $15 - 16 = 0/1117$ WEBS $6 - 19 = -1225/0$, $10 - 17 = -413/0$, $7 - 19 = -675/0$, $1 - 26 = 0/679$, $2 - 26 = -634/0$, $2 - 25 = 0/276$, $3 - 25 = -269/0$, $13 - 15 = 0/779$, $12 - 15 = -646/0$, $4 - 22 = -409/0$, $5 - 20 = -704/0$, $6 - 20 = 0/675$, $7 - 18 = 0/690$, $9 - 18 = -741/0$, $9 - 17 = 0/700$									
1) Unba 2) All pla 3) Reco be att 4) CAU 5) Graph the m 6) Beari desig LOAD C 1) Dead Unifo Conc	(5-6) lanced floor li ates are 3x4 N mmend 2x6 s ached to wall FION, Do not a ember must b not the brac ember must b ng symbols au n of the truss ASE(S) Stan- + Floor Live a rm Loads (plf) Vert: 14-27 entrated Load	ve loads have been co MT20 unless otherwise trongbacks, on edge, s s at their outer ends or erect truss backwards. cing representation doe be braced. re only graphical repre- to support the loads in dard (balanced): Lumber Inc) =-8, 1-13=-80 Is (Ib)	nsidered for this indicated. spaced at 10-0-0 restrained by o es not depict the sentations of a p dicated. srease=1.00, Pla	s design.) oc and fastened to ea ther means. e size, type or the orient possible bearing condition ate Increase=1.00	ach truss with 3-10 ation of the brace on. Bearing symb	Dd (0.131" X	3") nails. Symbol or onsidered	Strongback	s to s that tural	AROLINA SBIDNAS
	Vert: 6=-64	0 11=-240							ANARK K.	MORRES MORRES

12/7/2024



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	5-1-10	1-0-0	$\frac{0}{1-0-0}$		3-10-8		12-7-14
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [15:Ec	lge,0-1-8]			0.00		
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 0.30 BC 0.58 WB 0.36 Matrix-SH	DEFL. in Vert(LL) -0.08 Vert(CT) -0.12 Horz(CT) 0.02	(loc) l/defl 10-11 >999 10-11 >999 8 n/a	L/d 480 360 n/a	PLATES MT20 Weight: 66 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF REACTIONS. (Ib/size	2 No.1(flat) 2 No.1(flat) 2 No.3(flat) e) 15=561/0-5-6 (min. 0-1-8), 8=116	35/0-4-8 (min. 0-1-8)	BRACING- TOP CHORD BOT CHORD	Structural wood end verticals. Rigid ceiling dire	sheathing direc	tly applied or 6-0	-0 oc purlins, except J.
FORCES. (lb) - Max. TOP CHORD 15-16 BOT CHORD 13-14 WEBS 1-14=	Comp./Max. Ten All forces 250 (lb) 6=-559/0, 1-16=-558/0, 1-2=-630/0, 2- l=0/1173, 12-13=0/1720, 11-12=0/17 =0/761, 2-14=-707/0, 2-13=0/395, 3-1) or less except when shi 3=-1458/0, 3-4=-1720/0, 20, 10-11=0/1720, 9-10= 3=-463/0, 4-10=-304/0, 5	own. , 4-5=-1562/0, 5-6=-896 :0/1360, 8-9=0/468 5-10=0/281, 5-9=-603/0	6/0 , 6-9=0/586, 6-8=	-1291/0		
 NOTES- (6-7) 1) Unbalanced floor li 2) All plates are 3x4 M 3) Load case(s) 1, 2, 3 use of this truss. 4) Recommend 2x6 s be attached to wall 5) CAUTION, Do not 6 6) Graphical web brack the member must b 7) Bearing symbols and design of the truss 	ve loads have been considered for th IT20 unless otherwise indicated. 3, 4, 5, 6 has/have been modified. Bu trongbacks, on edge, spaced at 10-0- s at their outer ends or restrained by erect truss backwards. cing representation does not depict th be braced. re only graphical representations of a to support the loads indicated.	is design. ilding designer must revi 0 oc and fastened to ea other means. e size, type or the orienta possible bearing conditio	iew loads to verify that ich truss with 3-10d (0. ation of the brace on th on. Bearing symbols ar	they are correct fo 131" X 3") nails. \$ e web. Symbol on e not considered i	or the intended Strongbacks to Ily indicates tha in the structural	t I	
LOAD CASE(S) Stand 1) Dead + Floor Live (Uniform Loads (plf) Vert: 8-15= Concentrated Load Vert: 6=-64 2) Dead: Lumber Incr. Uniform Loads (plf) Vert: 8-15= Concentrated Load Vert: 6=-64 3) 1st chase Dead + F Uniform Loads (plf) Vert: 8-15= Concentrated Load Vert: 6=-64	dard (balanced): Lumber Increase=1.00, P - 8, 1-7=-80 s (Ib) 0 ease=1.00, Plate Increase=1.00 - 8, 1-7=-80 s (Ib) 0 Floor Live (unbalanced): Lumber Incre - 8, 1-4=-80, 4-7=-16 s (Ib) 0	late Increase=1.00 ease=1.00, Plate Increas	e=1.00		"Humphinghangan	SEAL 28147	ARAS HIMINING

Job	Truss	Truss Type	Qty	Ply	LOT 0.0012 CAMPBELL RIDGE 329 ALDEN WAY	ANGIER, NC
24-B007-F01	F108	FLOOR	1	1	Job Reference (optional)	# 54877
		Run: 8 ID:U	.630 s Jul MCU2t6g	12 2024 Pri JxCLqMIk	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat De to_q9qxyaVB1-X7mh67j2e6GpYzaus8FVC_d1	c 7 16:17:35 2024 Page 2 WpQsslzi_sQlysFyBJkE

 LOAD CASE(S) Standard
 4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-15=-8, 1-3=-16, 3-7=-80 Concentrated Loads (lb) Vert: 6=-640
 5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 8-15=-8, 1-4=-80, 4-7=-16 Concentrated Loads (lb)

Vert: 6=-640

- 6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-15=-8, 1-3=-16, 3-7=-80
- Vert: 8-15=-8, 1-3=-16, 3-7=-80 Concentrated Loads (lb) Vert: 6=-640





REACTIONS. (lb/size) 16=718/0-5-6 (min. 0-1-8), 8=1298/0-5-6 (min. 0-1-8)

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

TOP CHORD 16-17=-715/0, 1-17=-714/0, 1-2=-809/0, 2-3=-1884/0, 3-4=-2244/0, 4-5=-2082/0, 5-6=-1287/0

BOT CHORD 14-15=0/1505, 13-14=0/2244, 12-13=0/2244, 11-12=0/2244, 10-11=0/1853, 9-10=0/747, 8-9=0/747

WEBS 1-15=0/977, 2-15=-907/0, 2-14=0/521, 3-14=-620/0, 4-11=-352/20, 5-11=0/332, 5-10=-737/0, 6-10=0/730, 6-8=-1507/0

NOTES- (6-7)

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

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

3) 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.

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

Vert: 6=-640

 Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-16=-10, 1-7=-100 Concentrated Loads (lb) Vert: 6=-640
 Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-16=-10, 1-7=-100 Concentrated Loads (lb) Vert: 6=-640
 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-16=-10, 1-4=-100, 4-7=-20 Concentrated Loads (lb)



Job	Truss	Truss Type	Qty	Ply	LOT 0.0012 CAMPBELL RIDGE 329 ALDEN WAY	ANGIER, NC
24-B007-F01	F109	FLOOR	1	1	Job Reference (optional)	# 54877
		Run: ID:UMC	8.630 s Jul CU2t6gUxC	12 2024 Pri LqMIKo_0	int: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat De q9qxyaVB1-?JK3JTkgPQPgA794QsmkICAfsq	c 7 16:17:36 2024 Page 2 9wUOL8542WOhyBJkD

LOAD CASE(S) Standard 4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-16=-10, 1-3=-20, 3-7=-100 Concentrated Loads (lb) Vert: 6=-640 5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-16=-10, 1-4=-100, 4-7=-20

Concentrated Loads (lb)

Vert: 6=-640

6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 8-16=-10, 1-3=-20, 3-7=-100 Concentrated Loads (lb) Vert: 6=-640



Job	Truss	Truss Type	Qty Ply	LOT 0.0012 CAMPBELL R	IDGE 329 ALDEN WA	Y ANGIER, NC
24-B007-F01	F110	Floor Supported Gable	1 1	Ich Poference (entione	I)	# 54877
0 _T 1 _r 8		R ID:U	ın: 8.630 s Jul 12 2024 Pi MCU2t6gUxCLqMIKo_	rint: 8.630 s Jul 12 2024 MiTe _q9qxyaVB1-?JK3JTkgPC	n) sk Industries, Inc. Sat D QPgA794QsmkICAIN	ec 7 16:17:36 2024 Page 1 qL0UUL8542WOhyBJkD 0 _T 1 _T 8
						Scale = 1:20.9
						Scale = 1.20.9
1 2	3	4 5 $\pm 6^{3x4}$	= 7	8	9	10 11
	е STT1 	ST1 ST1 ST1 B1 0 STX ST1 ST1		ST1		
22 21 3x4	20	19 18 17	16 3x4 =	15	14	13 12 3x4 3x4
		12-10-8				
Plate Offsets (X,Y) [6:0	I-1-8,Edge], [16:0-1-8,Edge]	, [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. DEF TC 0.05 Vertu BC 0.01 Vertu WB 0.08 Horz Matrix-SH	L. in (loc) LL) n/a - CT) n/a - (CT) 0.00 12	l/defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20 2 Weight: 59 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No OTHERS 2x4 SP No	0.1(flat) 0.1(flat) 0.3(flat) 0.3(flat)	BRA TOP BOT	CING- CHORD Structu end ver CHORD Rigid ce	ral wood sheathing dire ticals. eiling directly applied or	ectly applied or 6-0- r 10-0-0 oc bracing	0 oc purlins, except
REACTIONS. All bearin (lb) - Max Grav	ngs 12-10-8. All reactions 250 lb or less	at joint(s) 22, 12, 21, 20, 19, 18, 17, 16,	15, 14 except 13=73	9(LC 1)		
FORCES. (lb) - Max. Co WEBS 10-13=-7	mp./Max. Ten All forces 2 ′29/0	50 (lb) or less except when shown.				
 NOTES- (7-8) 1) All plates are 1.5x3 MT 2) Gable requires continu 3) Truss to be fully sheati 4) Gable studs spaced at 5) Load case(s) 1, 2 has/ truss. 6) Recommend 2x6 stron be attached to walls at 7) Graphical web bracing the member must be b 8) Bearing symbols are o design of the truss to s 	T20 unless otherwise indica ious bottom chord bearing. 1-4-0 oc. have been modified. Buildir gbacks, on edge, spaced a their outer ends or restrain representation does not de raced. nly graphical representatior support the loads indicated.	ted. If y braced against lateral movement (i.e. of g designer must review loads to verify tha t 10-0-0 oc and fastened to each truss wi ed by other means. pict the size, type or the orientation of the s of a possible bearing condition. Bearing	iagonal web). t they are correct for h 3-10d (0.131" X 3' brace on the web. S symbols are not cor	the intended use of thi) nails. Strongbacks to ymbol only indicates th nsidered in the structura	is o iat al	
LOAD CASE(S) Standard 1) Dead + Floor Live (bal Uniform Loads (plf) Vert: 12-22=-8 Concentrated Loads (II Vert: 10=-640 2) Dead: Lumber Increas Uniform Loads (plf) Vert: 12-22=-8 Concentrated Loads (II Vert: 10=-640	d anced): Lumber Increase=1 , 1-11=-80 b) e=1.00, Plate Increase=1.00 , 1-11=-80 b)	.00, Plate Increase=1.00			SEAL 28147	RAS BUILT

12/7/2024



Concentrated Loads (lb) Vert: 3=-240

2/7/202/ Va and 12/7/2024



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 0.21 BC 0.05 WB 0.06 Matrix-P	DEFL. in (loc) l/defl L/d Vert(LL) -0.00 5 >999 480 Vert(CT) -0.00 4-5 >999 360 Horz(CT) 0.00 4 n/a n/a	PLATES GRIP MT20 244/190 Weight: 24 lb FT = 20%F, 11%E
LUMBER-			BRACING-	

TOP CHORD2x4 SP No.1(flat)BOT CHORD2x4 SP No.1(flat)WEBS2x4 SP No.3(flat)

BRACING-TOP CHORD

Structural wood sheathing directly applied or 4-1-6 oc purlins, except end verticals.

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

REACTIONS. (lb/size) 6=401/0-5-6 (min. 0-1-8), 4=174/0-4-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 6-7=-399/0, 1-7=-398/0

NOTES- (4-5)

1) Load case(s) 1, 2 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

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 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

Concentrated Loads (lb) Vert: 1=-240

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf) Vert: 4-6=-8, 1-3=-80 Concentrated Loads (lb) Vert: 1=-240 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 4-6=-8, 1-3=-80



Job	Truss	Truss Type	Qty	Ply LOT 0.0012 CAMPBE	ELL RIDGE 329 ALDEN WAY ANGIER, NC
24-B007-F01	F112	Floor Supported Gable	Pup: 8 630 s - Jul 2	Job Reference (op	tional) # 54877
0 ₁ 1 ₇ 8			ID:UMCU2t6gUx	CLqMIKo_q9qxyaVB1-xiSpk	+ Minek Industries, Inc. Sar Dec. / 16:17:36 2024 Fage 9lww1fNPRJTXGoCqdF5yd1SyO?RYNXdTayBJkE
					Scale = 1:21.6
			3x4		3x4
	2 3	4 5		9	
25 ~ B LT	ST1 ST1	ST1 ST1	ST1 W2 ST1 ST1	ST1	ST1 ST1 W1 0
24 22 3x4	23 22	21 20	19 18 17 3x6 =	16	15 14 13 3x4
L		7-8-10	1		13-3-6
Plate Offsets (X,Y)	[6:0-1-8,Edge], [24:Edge,0	7-8-10 -1-8]	1		5-6-12
LOADING (psf) TCLL 40.0	SPACING- 1 Plate Grip DOL	-7-3 CSI. 1.00 TC 0.05	DEFL. in Vert(LL) n/a	(loc) l/defl L/d - n/a 999	PLATES GRIP MT20 244/190
ICDL 10.0 BCLL 0.0 BCDL 5.0	Lumber DOL Rep Stress Incr Code IRC2021/TPI2	1.00 BC 0.01 YES WB 0.07 2014 Matrix-SH	Vert(CT) n/a Horz(CT) 0.00	- n/a 999 13 n/a n/a	Weight: 61 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF OTHERS 2x4 SF	- - No.1(flat) - No.3(flat) - No.3(flat) - No.3(flat)	i	BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly appli	directly applied or 6-0-0 oc purlins, except ed or 10-0-0 oc bracing.
REACTIONS. All be (lb) - Max G	earings 13-3-6. Grav All reactions 250 lb or	[.] less at joint(s) 13, 23, 22, 21, 20,	, 19, 17, 16, 15, 14 excep	t 24=279(LC 1),	
FORCES. (Ib) - Max TOP CHORD 24-29 WEBS 7-18	. Comp./Max. Ten All forc 5=-275/0, 1-25=-275/0 =-635/0	es 250 (lb) or less except when s	hown.		
NOTES- (8-9) 1) All plates are 1.5x3 2) Gable requires cor 3) Truss to be fully sh 4) Gable studs space 5) Load case(s) 1.2 L	3 MT20 unless otherwise in titinuous bottom chord bear leathed from one face or se id at 1-4-0 oc. has/have been modified. Bi	dicated. ing. ccurely braced against lateral mov iilding designer must review loads	rement (i.e. diagonal web	rrect for the intended use	of this
6) Recommend 2x6 s	trongbacks, on edge, spac	ed at 10-0-0 oc and fastened to e	each truss with 3-10d (0.1	31" X 3") nails. Strongbac	sks to
7) CAUTION, Do not 8) Graphical web brad	erect truss backwards. cing representation does no	trained by other means. ot depict the size, type or the orier	ntation of the brace on the	web. Symbol only indicate	es that
the member must I9) Bearing symbols a design of the truss	be braced. re only graphical represent to support the loads indica	ations of a possible bearing condi ted.	ition. Bearing symbols are	not considered in the stru	ictural
LOAD CASE(S) Stan 1) Dead + Floor Live Uniform Loads (plf Vert: 13-24	dard (balanced): Lumber Increas) =-8, 1-12=-80	se=1.00, Plate Increase=1.00			SEAL
Vert: 1=-24 2) Dead: Lumber Incr	ıs (ib) ł0 7=-640 ease=1.00, Plate Increase⊧	=1.00			28147
Uniform Loads (plf Vert: 13-24 Concentrated Load Vert: 1=-24) I=-8, 1-12=-80 ds (Ib) 40 7=-640				AND
Wayning ! Vaule 1	asian naramatana and wood	tas hafara usa. This dasian is hass i	ly upon noromotoro akonon	d is for an individual building	12/7/2024

Job		Truss		Truss Ty	pe			Qty	Ply	LOT 0.0012	CAMPBELL	RIDGE 3	29 ALDEN WA	Y ANG	IER, NC
24-B007-F01		F114		FLOOR S	UPPORTED GABL			1	1	Job Refere	ence (optio	nal)		#	54877
							Run: 8 ID:UM	3.630 s Jul CU2t6gUx	12 2024 Pri CLqMIKo_	nt: 8.630 s Ju _q9qxyaVB	il 12 2024 M 1-Pu0CyVr	iTek Indust nYhLnE1	ries, Inc. Sat D buf5_JRNqo	ec 710 GT1Nil	6:17:39 2024 Page 1 Isvan1GA?0yBJkA
0-1-8															
															Scale = 1:37.5
							3x4 =	3x8	FP=						3x4
1	2	3 4	5	6 _{T1}	7 8	9	10	11 12	13	14	15	T2 ¹⁶	17	18	19
-1-2-1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	ST1	BT1 S	T1 ST1	ST1	ST1 ST1	e ST1	W2 ST1	ST1	ST1	ST1	B ST1	ST1	ST1	B ST1	1-2-0
		XXXXX		XXXXX		(XXX)			XXXXX		XXXXX	XXXX	XXXXXX		
38	37	36 3	5 34	33	32 31	30 29	28	27	26	25	24	23	22	21	20
3x4					3	x8 FP=									3x4
						3x4	1 =								

				22-10-14		I
Plate C	offsets (X,Y)	[10:0-1-8,Edge], [29:0-1-8,Edge], [38	:Edge,0-1-8]			
LOADII TCLL TCDL BCLL BCDL	NG (psf) 40.0 10.0 0.0 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	n (loc) l/defl L/d a - n/a 999 a - n/a 999 0 20 n/a n/a	PLATES GRIP MT20 244/190 Weight: 97 lb FT = 20%F, 11%E
LUMBE TOP CI BOT CI WEBS	HORD 2x4 SF HORD 2x4 SF HORD 2x4 SF 2x4 SF	2 No.1(flat) 2 No.1(flat) 2 No.3(flat)	II	BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applie	directly applied or 6-0-0 oc purlins, except

22-10-14

2x4 SP No.3(flat) OTHERS

REACTIONS. All bearings 22-10-14.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 38, 20, 37, 36, 35, 34, 33, 32, 31, 29, 28, 27, 26, 25, 24, 23, 22, 21

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 0.0012 CAN	PBELL RIDGE 329 ALDEN W	AY ANGIER, NC
24-B007-F01	F115	FLOOR	2	1		# 54877
			Run: 8.630 s Jul	Job Reference	(optional) 2024 MiTek Industries, Inc. Sat	π J+ 0/7 Dec 7 16:17:41 2024 Page 1
			ID:UMCU2t6gUx	CLqMIKo_q9qxyaVB1-M	G8yNAopDy1yGu12DPMvS	FtRGruV9edtELIH4vyBJk8
0-1-8						
∦ <u>1-3-0</u>	<u>9-6-3</u>	2-0-0	0-5-15	1-2-8 2-0	-0	<u>0-10-4</u> Scale = 1:38.3
			4x4 =			
1.5x3 =	1.5x3		3x8 FP= 4x6	=		4x6 =
1	2 3 4 ₁₁	5 30 6	7 8 9	10	T2 11 12	2 3113
				w P		
	B1 B1		WV4	B2		
					<u> </u>	
28 27	26 25	24 23 22	21 20	19 18	17 16	15 14
		1.5x3 3x8 FP=	4x4 = 3x6 =	4x6 = −1.5x3	1.5x3	$4x4 \equiv$
	6-10)-11	14 13-9-2	1-11-14 16-2-10 17-4-2		
1-6-0	4-0-0 5-9-3 5-10-11 2-6-0 1-9-3 0-1-8	7-10-11 9-3-3 11-9-3	13-6-2 13-7-10	15-0-2 16-4-2	<u>18-4-2 19-8-10 22-2</u> 1-0-0 1-4-8 2-6	-10 23-3-14
)-0	0-1-8	0-0-4 1-0-0	1-0-0 1-4-0 2-0	
Plate Offsets (X,Y) [5:0	-1-8,Eage], [10:0-1-8,Eage]	, [11:0-1-8,Edge], [25:0-1-8,Edge],	[28:Edge,0-1-8]			
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in	(loc) I/defl L/d	PLATES	GRIP
TCLL 40.0 TCDL 10.0	Lumber DOL 1.00	BC 0.69	Vert(LL) -0.09 Vert(CT) -0.19	25-26 >999 480 16-17 >603 360	MT20	244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.53	Horz(CT) 0.03	14 n/a n/a	M/-:	
BCDL 5.0		Matrix-SH			vveight: 117 if	D FI=20%F, II%E
LUMBER-	1/flot)		BRACING-	Structural wood aboath	ing directly applied or 6 (0.0 ac purling avaant
BOT CHORD 2x4 SP No	o.1(flat) *Except*		TOP CHORD	end verticals.	ing directly applied of 0-0	0-0 oc purinis, except
B2: 2x4 SF	P SS(flat)		BOT CHORD	Rigid ceiling directly ap	plied or 10-0-0 oc bracin	g, Except:
WEDS 2X4 SP NC				0-0-0 oc bracing. 20-2	1,19-20.	
REACTIONS. (Ib/size)	28=576/0-5-6 (min. 0-1-8),	14=698/0-4-8 (min. 0-1-8), 20=17	93/0-4-8 (min. 0-1-	8)		
Iviax Grav	20-300(LC 10), 14-740(LC	4), 20-1793(LO 1)				
FORCES. (lb) - Max. Co	mp./Max. Ten All forces 2	50 (lb) or less except when shown	4- 1978/0			
4-5=-187	/8/0, 5-30=-1636/0, 6-30=-1	636/0, 6-7=-686/0, 7-8=-686/0, 8-9	=0/837,			
9-10=-60 BOT CHORD 26 27-0/)4/135, 10-11=-1554/0, 11-1	2=-1547/0, 12-31=-594/0, 13-31=- -0/1878 23 24-0/1878 22 23-0/	594/0 1380 21 22-0/1380)		
20-21=-3	311/23, 19-20=-837/0, 18-19	=0/1576, 23-24-0/1676, 22-23-0/ =0/1554, 17-18=0/1554, 16-17=0/	1554, 15-16=0/136	, 1		
WEBS 10-18=0/	(363, 11-17=-320/0, 9-20=-8	42/0, 1-27=0/804, 2-27=-754/0, 2-	26=0/385, 21=0/040			
8-20=-10)96/0, 9-19=0/1106, 10-19=-	1374/0, 12-15=-998/0, 13-15=0/86	68			
NOTES (6.7)						
1) Unbalanced floor live le	oads have been considered	for this design.				
2) All plates are 3x4 MT2	0 unless otherwise indicate	d. 14 haa/have been medified Build	ling decigner must	roviou loodo to vorifu th	at thou	
are correct for the inter	, 5, 6, 7, 6, 9, 10, 11, 12, 13 nded use of this truss.	, 14 has/have been modified. Build	ang designer must	review loads to verify th	at they	
4) Recommend 2x6 stron	gbacks, on edge, spaced at	10-0-0 oc and fastened to each t	russ with 3-10d (0.1	I31" X 3") nails. Strong	backs to	
5) CAUTION, Do not erec	their outer ends or restraine	ed by other means.				
6) Graphical web bracing	representation does not de	pict the size, type or the orientation	n of the brace on the	e web. Symbol only indi	cates that	1111ttille
7) Bearing symbols are o	raced. nly graphical representation	s of a possible bearing condition. I	Bearing symbols are	e not considered in the	structural	MOLIANI
design of the truss to s	upport the loads indicated.				IIII OPOFESS,	PNA
LOAD CASE(S) Standard	ł				ELERAL	
1) Dead + Floor Live (bala	anced): Lumber Increase=1	.00, Plate Increase=1.00			E 28141	
Uniform Loads (plf) Vert: 14-28=-8	, 1-30=-80, 30-31=-160, 13-	31=-80			1111	
2) Dead: Lumber Increase	e=1.00, Plate Increase=1.00)			A NOINE	Et c ant
Vert: 14-28=-8	, 1-30=-80, 30-31=-160, 13-	31=-80			MARK Y N	ORALININ
3) 1st Dead + Floor Live	(unbalanced): Lumber Incre	ase=1.00, Plate Increase=1.00			Man A. W	INHIN .
					12/7/	2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0012 CAMPBELL RIDGE 329 ALDEN	WAY ANGIER, NC
24-B007-F01	F115	FLOOR	2	1	Job Reference (optional)	# 54877

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 7 16:17:41 2024 Page 2 ID:UMCU2t6gUxCLqMIKo_q9qxyaVB1-MG8yNAopDy1yGu12DPMvSFtRGruV9edtELIH4vyBJk8

LOAD CASE(S) Standard Uniform Loads (plf)

- Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-31=-96, 13-31=-16
- 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-31=-96, 13-31=-16
- 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-5=-80, 5-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-4=-16, 4-30=-80, 30-31=-160, 13-31=-80
- 9) 3rd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 11-30=-160, 11-31=-96, 13-31=-16 10) 4th chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-10=-96, 10-31=-160, 13-31=-80 11) 5th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-5=-80, 5-30=-16, 9-30=-96, 9-31=-160, 13-31=-80
- 12) 6th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-4=-16, 4-30=-80, 30-31=-160, 13-31=-80 13) 7th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-30=-80, 11-30=-160, 11-31=-96, 13-31=-16
- 14) 8th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
 - Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-10=-96, 10-31=-160, 13-31=-80



Job	Truss	Truss Type	Qty	Ply	LOT 0.0012 CAN	IPBELL RIDGE 329 ALD	EN WAY ANGIER, NC
24-B007-F01	F115A	FLOOR	10	1	Job Reference	(optional)	# 54877
			Run: 8.630 s Jul ID:UMCU2t6gUx	12 2024 Pr CLqMIKo	int: 8.630 s Jul 12 _q9qxyaVB1-qT	2024 MiTek Industries, Inc iKaWoR_G9pu2cEm6t	Sat Dec 7 16:17:42 2024 Page 1 8_TQgnEFou8P0T?VqcLyBJk7
0-1-8	0.0.0		0.5.45				0.40.4
−1-3-0	9-6-3 	2-0-0	0-5-15	H	<u>1-2-8</u> 2-0	-0	0-10-4 Scale = 1:38.3
1.5x3 =	1.5x3		3x8 FP= 3x6	=	10	11	3x6 =
					10 - ज़ी		
	26 25	24 23 22		10	18	17 16	
20 21	20 25	1.5x3 3x8 FP=	21 20 3x6 =	19	1.5x3	1.5x3	15 14
	6-11	D-11	14 13-9-2	1-11-14 1	6-2-10 17-4-2		
1-6-0 1-6-0	4-0-0 5-9-3 5-1Ω-11 2-6-0 1-9-3 0-1-8	<u></u>	3 13-6-2 13-7-10 1-8-15 0-1-8 1 0-1-8	<u>15-0-2</u> 1-2-12 0-0-1	2 16 - 4-2 1-2-8 0-1-8 1-0-0	<u>18-4-2</u> <u>19-8-10</u> 1-0-0 1-4-8	<u>22-2-10</u> 23-3-14 2-6-0 1-1-4
Plate Offsets (X,Y) [5:	0-1-8,Edge], [10:0-1-8,Edge]	, [11:0-1-8,Edge], [25:0-1-8,Edg	ge], [28:Edge,0-1-8]	0-0-4	1-0-0		
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 VFS	CSI. TC 0.44 BC 0.62 WB 0.36	DEFL. in Vert(LL) -0.09 Vert(CT) -0.12 Horz(CT) 0.03	(loc) 16-17 16-17 14	I/defl L/d >999 480 >965 360 p/a p/a	PLATES MT20	GRIP 244/190
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	1012(01) 0.00		n/a n/a	Weight: 1	17 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N	lo.1(flat) lo.1(flat) lo.3(flat)		BRACING- TOP CHORD BOT CHORD	Structur end ver Rigid ce	al wood sheatl ticals. siling directly aj	hing directly applied o	or 6-0-0 oc purlins, except acing.
REACTIONS. (Ib/size) Max Gra	28=547/0-5-6 (min. 0-1-8), v28=557(LC 10), 14=409(LC	14=361/0-4-8 (min. 0-1-8), 20= ; 4), 20=1116(LC 1)	=1116/0-4-8 (min. 0-1-	8)			
FORCES. (Ib) - Max. C TOP CHORD 28-29=- 4-5=-16	omp./Max. Ten All forces 2 553/0, 1-29=-552/0, 13-14=- 92/0, 5-6=-1384/0, 6-7=-541	50 (lb) or less except when sho 403/0, 1-2=-626/0, 2-3=-1436/0 /0, 7-8=-541/0, 8-9=0/694, 9-10	own. , 3-4=-1692/0, =-352/379,				
BOT CHORD 26-27=(20-21=-	836/113, 11-12=-826/0, 12-1)/1172, 25-26=0/1669, 24-25 322/5, 19-20=-694/0, 18-19=	3=-319/0 =0/1692, 23-24=0/1692, 22-23= -113/836, 17-18=-113/836, 16-	=0/1083, 21-22=0/1083 17=-113/836,	3,			
WEBS 9-20=-4 5-23=-4 10-19=-	52/0, 1-27=0/757, 2-27=-711 60/0, 6-23=0/435, 6-21=-742 767/0, 12-15=-522/0, 13-15=	/0, 2-26=0/344, 3-26=-303/0, 3 2/0, 8-21=0/766, 8-20=-794/0, 9 :0/466	-25=-134/262, -19=0/619,				
NOTES- (5-6) 1) Unbalanced floor live 2) All plates are 3x4 MT 3) Recommend 2x6 stro be attached to walls a 4) CAUTION, Do not ere 5) Graphical web bracin	loads have been considered 20 unless otherwise indicate ngbacks, on edge, spaced a at their outer ends or restrain ect truss backwards. g representation does not de	for this design. d. t 10-0-0 oc and fastened to eac ed by other means. pict the size, type or the orienta	ch truss with 3-10d (0.1 ition of the brace on the	131" X 3" e web. S <u>y</u>) nails. Strong ymbol only indi	backs to icates that	
6) Bearing symbols are design of the truss to	praced. only graphical representatior support the loads indicated.	s of a possible bearing conditio	on. Bearing symbols are	e not con	isidered in the	structural	CAROLAN





Job	Truss	Truss Type	Qty	Ply LOT 0.0012 CAMP	BELL RIDGE 329 ALDEN	WAY ANGIER, NC
24-B007-F01	F115B	FLOOR	2	1		# 54877
			Run: 8.630 s. Jul	Job Reference (0	optional) 24 MiTek Industries, Inc., S	π J=077 Sat Dec. 7 16:17:44 2024 Page 1
			ID:UMCU2t6gUx0	CLqMIKo_q9qxyaVB1-mrp5	?CqhWtPX7MmcuXvc4	uVzo2vGM?6JwJ_xgDyBJk5
0-1-8			0.5.45			o 40 4
H ⊢ 1-3-0	Ψ <u>-6-3</u>	2-0-0	0-5-15	1-2-8 2-0-0		0-10-4 Scale = 1:38.3
1.5x3 = 1 29B	1.5x3 2 3 4 11 9 B1 9 26 25		4x4 = $3x8 FP = 3x6$ $7 8 9$			3x6 =
28 2/	20 25	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccc} 21 & 20 \\ 4x4 = & 3x6 = \\ & & & & \\ & & & & \\ & & & & & \\ & & & & $	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	17 16 1.5x3 <u>8-4-2 19-8-10 22</u> <u>-0-0 1-4-8 2</u>	15 14 2-2-10 <u>23-3-14</u> 2-6-0 <u>1-1-4</u>
	5.0-1-0,Eugej, [10.0-1-0,Euge	I, [11.0-1-o,⊏uge], [25.0-1-o,⊏uge]	, [20.Edge,0-1-6]			
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 YES	CSI. TC 0.60 BC 0.75 WB 0.48	DEFL. in Vert(LL) -0.09 Vert(CT) -0.14 Horz(CT) 0.03	(loc) l/defl L/d 16-17 >999 480 16-17 >793 360 14 n/a n/a	PLATES MT20	GRIP 244/190
BCDL 5.0	Code IRC2021/1PI2014	Matrix-SH			Weight: 11	(ID FI = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP I BOT CHORD 2x4 SP I WEBS 2x4 SP I REACTIONS. (lb/size) Max Gra	No.1(flat) No.1(flat) No.3(flat) 28=564/0-5-6 (min. 0-1-8), av 28=574(LC 10), 14=479(LC	14=431/0-4-8 (min. 0-1-8), 20=17 24), 20=1749(LC 1)	BRACING- TOP CHORD BOT CHORD 749/0-4-8 (min. 0-1-	Structural wood sheathin end verticals. Rigid ceiling directly app 6-0-0 oc bracing: 20-21, 8)	ng directly applied or (blied or 10-0-0 oc brac 19-20.	6-0-0 oc purlins, except sing, Except:
FORCES. (ib) - Max. C TOP CHORD 28-29= 4-5=-1 9-10=- BOT CHORD 26-27= 20-21= WEBS 10-18= 3-25=- 9-19=C	20mp./Max. 1en All forces 2 -571/0, 1-29=-570/0, 13-14=- 803/0, 5-30=-1535/0, 6-30=-1 340/390, 10-11=-1139/0, 11-3 -0/1215, 25-26=0/1757, 24-22 -484/0, 19-20=-1014/0, 18-19 -0/256, 9-20=-806/0, 1-27=0/ 85/311, 5-23=-409/0, 6-23=0 0/1007, 10-19=-1173/0, 12-15	(50 (ib) or less except when showr 472/0, 1-2=-649/0, 2-3=-1498/0, 3 535/0, 6-7=-547/0, 7-8=-547/0, 8-5 1=-1062/0, 12-31=-1062/0, 12-13 =0/1803, 23-24=0/1803, 22-23=0/ 0=0/1139, 17-18=0/1139, 16-17=-0/ 85, 2-27=-737/0, 2-26=0/368, 3-2/ 399, 6-21=-967/0, 8-21=0/984, 8-2 =-635/0, 13-15=0/561	1. -4=-1803/0, ∋=0/1014, =-385/0 1262, 21-22=0/1262 (1139, 15-16=0/872 6=-337/0, 20=-1105/0,	, ,		
NOTES- (6-7) 1) Unbalanced floor live 2) All plates are 3x4 MT 3) Load case(s) 1, 2, 3, are correct for the ini- 4) Recommend 2x6 stri- be attached to walls 5) CAUTION, Do not er 6) Graphical web bracii the member must be 7) Bearing symbols are design of the truss to	e loads have been considered 720 unless otherwise indicate 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 tended use of this truss. ongbacks, on edge, spaced a at their outer ends or restrain rect truss backwards. ng representation does not de braced. only graphical representation o support the loads indicated.	I for this design. d. 5, 14 has/have been modified. Buil t 10-0-0 oc and fastened to each ed by other means. pict the size, type or the orientatio is of a possible bearing condition.	ding designer must truss with 3-10d (0.1 n of the brace on the Bearing symbols are	review loads to verify that 31" X 3") nails. Strongba e web. Symbol only indica e not considered in the st	t they acks to ates that ructural	AROLINI
LOAD CASE(S) Standa 1) Dead + Floor Live (b Uniform Loads (plf) Vert: 14-28= 2) Dead: Lumber Increa Uniform Loads (plf) Vert: 14-28= 3) 1st Dead + Floor Liv Uniform Loads (plf) Vert: 14-28=	ard alanced): Lumber Increase=1 -8, 1-30=-80, 30-31=-160, 13 ase=1.00, Plate Increase=1.0 -8, 1-30=-80, 30-31=-160, 13 e (unbalanced): Lumber Incre -8, 1-30=-80, 9-30=-160, 9-31	.00, Plate Increase=1.00 31=-80 31=-80 ase=1.00, Plate Increase=1.00 =-96, 13-31=-16			281 281 12/7	AL 47 MORRESUMMENT

24-B007-F01 F115B FLOOR	2	1	Job Reference (optional) # 54	877

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 7 16:17:44 2024 Page 2 ID:UMCU2t6gUxCLqMIKo_q9qxyaVB1-mrp5?CqhWtPX7MmcuXvc4uVzo2vGM?6JwJ_xgDyBJk5

LOAD CASE(S) Standard

- 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-31=-96, 13-31=-16 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-30=-16, 9-30=-96, 9-31=-160, 13-31=-80
- 7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-5=-80, 5-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-4=-16, 4-30=-80, 30-31=-160, 13-31=-80
- 9) 3rd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 11-30=-160, 11-31=-96, 13-31=-16 10) 4th chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-10=-96, 10-31=-160, 13-31=-80 11) 5th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-5=-80, 5-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 12) 6th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-4=-16, 4-30=-80, 30-31=-160, 13-31=-80
- 13) 7th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-30=-80, 11-30=-160, 11-31=-96, 13-31=-16
- 14) 8th chase Dead: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-10=-96, 10-31=-160, 13-31=-80



Job	Truss	Truss Type	Qty PI	LOT 0.0012 CAMPBELL	RIDGE 329 ALDEN WAY ANGIER, NC			
24-B007-F01	F115C	FLOOR	1	1 Job Reference (option	mal) # 54877			
			Run: 8.630 s Jul 12 ID:UMCU2t6gUxCL	2024 Print: 8.630 s Jul 12 2024 Mi .qMIKo_q9qxyaVB1-E2NTCY	Tek Industries, Inc. Sat Dec 7 16:17:45 2024 Page 1 JHBXOIWLpSEQrc52B9SHj5U9T9zjUDgyBJk4			
0-1-8								
H ⊢ 1-3-0	<u>0-6-3</u>	2-0-0	0 <mark>-5-1</mark> 5	1-2-8 2-0-0	0 <u>-5-12-4-8</u> Scale = 1:38.3			
					1.5x3			
1.5x3 =	1.5x3 2 3 4	5 6	3x8 FP = 3x6 =	10	3x10 =			
29 28	27 26	25 24 23	22 21	20 19				
23 20	21 20	1.5x3 3x8 FP=	3x6 =	1.5x3 1.4	5x3 6x6			
					3x8 =			
L	5-10-11	0-11 ₁ 7-10-11 ₁ 13-7-10 0-0 1-0-0 5-8-15	14-11 13-9-2 0-1-81-2-	1-14 16-4-2 16-2-10 17-4-2 18-4-2 12 1-2-120-18 10-0 1-0-0	23-3-14 4-11-12			
Plate Offsets (X,Y) [5:	0-1-8,Edge], [10:0-1-8,Edge]	l, [11:0-1-8,Edge], [14:0-1-8,Edge], [[14:0-4-8,0-1-8], [26:0	<u>D-1-8,Edge], [29:Edge,0-1-8</u>	3]			
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 0.43 BC 0.61 WB 0.36 Matrix-SH	DEFL. in (Vert(LL) -0.09 26 Vert(CT) -0.12 26 Horz(CT) 0.03	loc) l/defl L/d 5-27 >999 480 5-27 >999 360 15 n/a n/a	PLATES GRIP MT20 244/190 Weight: 120 lb FT = 20%F, 11%E			
LUMBER-			BRACING-					
TOP CHORD2x4 SP NBOT CHORD2x4 SP NWEBS2x4 SP N	o.1(flat) o.1(flat) o.3(flat)		TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.					
REACTIONS. (Ib/size) Max Grav	29=547/0-5-6 (min. 0-1-8), v29=558(LC 10), 15=403(LC	15=355/0-3-8 (min. 0-1-8), 21=111 24), 21=1111(LC 1)	1/0-4-8 (min. 0-1-8)					
FORCES. (lb) - Max. C. TOP CHORD 29-30=- 4-5=-16 10-11=- BOT CHORD 27-28=(21-22=-	omp./Max. Ten All forces 2 553/0, 1-30=-552/0, 14-15=- 93/0, 5-6=-1386/0, 6-7=-544 819/114, 11-12=-792/0, 12-1)/1173, 26-27=0/1671, 25-26 321/7, 20-21=-692/0, 19-20=	250 (lb) or less except when shown. 398/0, 1-2=-626/0, 2-3=-1438/0, 3-4 /0, 7-8=-544/0, 8-9=0/692, 9-10=-34 3=-276/0, 13-14=-279/0 =0/1693, 24-25=0/1693, 23-24=0/1(=-114/819, 18-19=-114/819, 17-18=-	4=-1693/0, 46/378, 086, 22-23=0/1086, -114/819					
WEBS 9-21=-4 5-24=-4 10-20=-	0/674 49/0, 1-28=0/757, 2-28=-712 60/0, 6-24=0/435, 6-22=-742 753/0, 12-16=-508/0, 14-16=	2/0, 2-27=0/344, 3-27=-304/0, 3-26= 2/0, 8-22=0/766, 8-21=-792/0, 9-20= =0/439	=-133/263, =0/610,					
NOTES- (5-6) 1) Unbalanced floor live 2) All plates are 3x4 MT. 3) Recommend 2x6 stro be attached to walls a 4) CAUTION, Do not ere 5) Graphical web bracing the member must be 6) Bearing symbols are of design of the truss to	loads have been considered 20 unless otherwise indicate ngbacks, on edge, spaced a t their outer ends or restrain- ect truss backwards. g representation does not de braced. only graphical representation support the loads indicated.	I for this design. d. t 10-0-0 oc and fastened to each tri ed by other means. pict the size, type or the orientation is of a possible bearing condition. B	uss with 3-10d (0.131 of the brace on the w Bearing symbols are n	I" X 3") nails. Strongbacks veb. Symbol only indicates not considered in the structu	to that Iral			
LOAD CASE(S) Standar	rd				A CRESSION A			



Job	Truss	Truss Type	Qty	Ply	LOT 0.0012 CAMPBE	LL RIDGE 329 ALDEI	N WAY ANGIER, NC
24-B007-F01	F115D	FLOOR	4	1	lah Bafaranaa (ani	ional	# 54877
			Run: 8.630 s Jul 1:	2 2024 Pri	nt: 8.630 s Jul 12 2024	MiTek Industries, Inc.	Sat Dec 7 16:17:47 2024 Page 1
0.4.0			ID:UMCU2t6gUxCL	qMIKo_q	9qxyaVB1-AQVDdE	sZpon6_pVBZfTJhV	V/PkFuGZMMldHCbHYyBJk2
0-1-8	0.0.0	2.0.0	0.0.0	4		0.0.0	
H	9-0- 4	2-0-0	<u> </u>	⊢-!	-2-8 2-0-0		Scale = 1:38.3
4.5-2	4.5-0.11		240 FD- 246 -	_		4.4 - 2.6 -	4.4 -
1.5X3 —	1.5X3	E G	3X8 FP 3X8	-	10	4x4 - 3x0 - 12	4x4 —
। कि					T2		া কি কি
~ 30 _B	Wi3		W4		W5	Twe The	
	B1			<u> </u>	B2		
	07 00	05 04 00		00	40	10 17	
29 28	27 26	25 24 23	22 21	20 4×4 -	19 — 15v2 II	18 17	10 15
		1.5X3 3X8 FP-	3X0 —	4x4 -	- 1.5x3	4X0 — 4	x4 —
						1.5x5	
			14-	-11-2 16	6-2-10 17-4-2 18	19-2-10 -4-128-10-2	
	5-10-10 6-10 5-10-10 1-0	-10 ₁ 7-10-10 -0 1-0-0 5-9-0	0 13-9-2	14-11-14	4 16-4-2 17-9-6 -2-120-1-8 0-5-4	18-5-10 19-4-2 0-1-80-4-8	23-3-14
				0-0-12	1-0-0 0-6	6-120-4-80-1-8	
Plate Olisets (X,Y) [5:0-	-1-8,Eagej, [10:0-1-8,Eagej,	[11:0-1-8,Edge], [26:0-1-8,Edge	ej, [29:Edge,0-1-8]				
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in	(loc)	l/defl L/d	PLATES	GRIP
TCLL 40.0 TCDI 10.0	Plate Grip DOL 1.00	BC 0.94	Vert(LL) -0.09 2 Vert(CT) -0.23 1	26-27 × 17-18 ×	>999 480 >493 360	M120	244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.51	Horz(CT) 0.04	15	n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 12	:0 lb FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP No	.1(flat) 1(flat) ≭⊑veent*		TOP CHORD	Structura	al wood sheathing	directly applied or	2-2-0 oc purlins, except
BUT CHURD 2X4 SP No B2: 2x4 SP	SS(flat)		BOT CHORD	ena veru Riaid cei	icais. iling directly applie	d or 10-0-0 oc bra	acina. Except:
WEBS 2x4 SP No	.3(flat)			6-0-0 oc	bracing: 20-21		5, 1
REACTIONS . (Ib/size)	29=571/0-5-6 (min 0-1-8)	21=1315/0-4-8 (min 0-1-8) 15=	: 778/0-4-8 (min 0-1-8	2-2-0 oc	bracing: 18-19.		
Max Grav2	29=581(LC 10), 21=1315(LC	C 1), 15=829(LC 4)		<i>')</i>			
FORCES (Ib) Max Cor	nn (Max Ten All forces 2)	50 (lb) or less except when show	(D				
TOP CHORD 29-30=-5	78/0, 1-30=-577/0, 1-2=-658	3/0, 2-3=-1522/0, 3-4=-1848/0, 4	-5=-1848/0,				
5-6=-159	2/0, 6-7=-807/0, 7-8=-807/0	, 8-9=-252/336, 9-10=-988/0, 10	-11=-1934/0,				
BOT CHORD 27-28=0/	510/0, 12-13=-1680/0 1232. 26-27=0/1792. 25-26=	=0/1848. 24-25=0/1848. 23-24=0)/1323. 22-23=0/1323.				
21-22=0/3	341, 20-21=-336/252, 19-20	=0/1934, 18-19=0/1934, 17-18=	0/1934, 16-17=0/2510	,			
WFBS 12-17=-4	935 62/0 10-19=0/460 11-18=-	506/0 9-21=-592/0 1-28=0/796	2-28=-747/0				
2-27=0/3	78, 3-27=-352/0, 3-26=-57/3	33, 5-24=-379/0, 6-24=0/383, 6-	-22=-701/0,				
8-22=0/7	10, 8-21=-821/0, 9-20=0/10 269, 13-15=-1226/0	11, 10-20=-1369/0, 11-17=0/107	3, 12-16=-1041/0,				
15-10-0/3	505, 15-15-1220/0						
NOTES- (5-6)		fan Alaia ala ainm					
2) All plates are 3x4 MT20) unless otherwise indicated	l.					
3) Recommend 2x6 strong	gbacks, on edge, spaced at	10-0-0 oc and fastened to each	n truss with 3-10d (0.13	31" X 3")	nails. Strongbac	ks to	
4) CAUTION Do not erect	their outer ends or restraine t truss backwards	d by other means.					
5) Graphical web bracing	representation does not dep	pict the size, type or the orientati	on of the brace on the	web. Sy	mbol only indicate	s that	miniter
the member must be br	aced.	of a passible bearing condition	Bearing aumhala ara	not con	aidarad in the atru	tural with RTH	SAROI
design of the truss to s	upport the loads indicated.	s of a possible bearing condition	. Dearing symbols are	HOL CON	Sidered in the stfu	OFE	SEIDAVA
						mill acr	LE
1) Dead + Floor Live (bala	Inced): Lumber Increase=1	00, Plate Increase=1.00				SE	AL
Uniform Loads (plf)	,					281	47 1 2
Vert: 15-29=-8, Concentrated Loads (Ib	1-14=-80						
Vert: 12=-640	'/					II AA NOI	NEEPOIS
						THINK K.	MORMUN
						Addition for	in the second se

12/7/2024

Job	Truss	Truss Type		Qty	Ply	LOT 0.0012 CAMPBELL RIDGE 32	9 ALDEN WAY ANGIER, NC
24-B007-F01	F116	Floor		13	1	Job Reference (optional)	# 54877
			Run: 8 II	.630 s Jul D:UMCU2	12 2024 Pri 6gUxCLq	nt: 8.630 s Jul 12 2024 MiTek Industri MIKo_q9qxyaVB1-fd3brZtCa6vz	es, Inc. Sat Dec 7 16:17:48 2024 Page 1 cz4O7N_YEkgkhfLclqZvrxy8p?yBJk1
0-1-8							
⊢		0-6-2	2-0-0	0-6-2	4		0 ₁ 1 ₇ 8 Scale = 1:22.7
							- 1.22.7
1.5x3 =		1.5x3		1.5x3			1.5x3 =
1	2	3 4	Τ1	5 6		7	8
					r t		
		Wa		wi3		$ // \mathbb{N} $	
						//	
	7		B1	-[#]-		¥{	
		v					
16 15		14 13		12		11	10 🦻

5-10-10 5-10-10		<u> </u>		<u>13-</u> 5-10	9-4)-10					
Plate Offsets (X,Y) [8:0-1-8,Edge], [12:0-1-8,Edge], [13:0-1-8,Edge], [16: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 0.29 BC 0.40 WB 0.39 Matrix-SH	DEFL. ir Vert(LL) -0.08 Vert(CT) -0.17 Horz(CT) 0.02	n (loc) l/defl L/d 3 12-13 >999 480 1 12-13 >999 360 2 9 n/a n/a	PLATES GRIP MT20 244/190 Weight: 70 lb FT = 20%F, 11%E					
LUMBER- TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) WEBS 2x4 SP No.3(flat)			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly applied	lirectly applied or 6-0-0 oc purlins, except I or 10-0-0 oc bracing.					

REACTIONS. (lb/size) 16=590/0-5-6 (min. 0-1-8), 9=590/0-5-6 (min. 0-1-8)

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

TOP CHORD 16-17=-586/0, 1-17=-585/0, 9-18=-586/0, 8-18=-585/0, 1-2=-669/0, 2-3=-1553/0, 3-4=-1897/0, 4-5=-1897/0,

5-6=-1897/0, 6-7=-1553/0, 7-8=-669/0

14-15=0/1253, 13-14=0/1831, 12-13=0/1897, 11-12=0/1831, 10-11=0/1253 BOT CHORD

WEBS 4-13=-268/39, 5-12=-269/39, 1-15=0/810, 2-15=-760/0, 2-14=0/390, 3-14=-363/0, 3-13=-84/379, 8-10=0/810, 7-10=-760/0. 7-11=0/390. 6-11=-363/0. 6-12=-84/380

NOTES- (4-5) 1) Unbalanced floor live loads have been considered for this design.

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) 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



ob	Truss	Truss Type	Qty	Ply	LOT 0.0012 CAMPBELI	L RIDGE 329 ALDEN WA	Y ANGIER, NC
4-B007-F01	F117	GABLE	1	1	lob Reference (ontic	nal)	# 54877
			Run: 8.630 s ID:UMCU	Jul 12 2024 P 2t6aUxCLal	rint: 8.630 s Jul 12 2024 M VIKo g9gxyaVB1-fd3b	/iTek Industries, Inc. Sat D prZtCa6vzcz4O7N YEk	ec 7 16:17:48 2024 Page 1 goQfRpIwBvrxv8p?vBJk1
0- <mark>1</mark> -8							0 ₁ 1 ₁ 8
							Scale - 1:22 /
							Scale - 1.22.4
			4x4 =				
1 2	3	4 5	6 7	8	9	10 11	12
25 🗆	•			<u> </u>	•	•	
ST ST	1 ST1	ST1 ST1	STI ST1	ST1	ST1	ST1 ST1	
	•	•		-	•		
	*****				*****		
24 23 3×4 II	22	21 20	19 18 4×4 —	17	16	15 14	13 3×4 II
5X4			474 —				3,4
1-4-0	2-8-0 4-0-0	5-4-0 6-8-0	7-1-4 6-10-10 8-5-4	9-	9-4 11-1-4	12-5-4	13-9-4
	1-4-0 1-4-0	1-4-0 1-4-0	0-2-10 1-4-0	1-	4-0 1-4-0	1-4-0	1-4-0
	.0-1-0,Eugej, [10.0-1-0,Euge], [24.Euge,0-1-0]					
LOADING (psf) TCLL 40.0	SPACING- 1-7-3 Plate Grip DOL 1.00	6 CSI.) TC 0.05	DEFL. Vert(LL) r	in (loc) n/a -	l/defl L/d n/a 999	PLATES OMT20	GRIP 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.01	Vert(CT) r	n/a -	n/a 999		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH		00 13	11/a 11/a	Weight: 61 lb	FT = 20%F, 11%E
LUMBER-		I.	BRACING-		1		
TOP CHORD 2x4 SP I BOT CHORD 2x4 SP I	TOP CHORD	ORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.					
WEBS 2x4 SP I	No.3(flat)		BOT CHORD	Rigid co	eiling directly applied	l or 10-0-0 oc bracing	l.

REACTIONS. All bearings 13-9-4.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 14, 15, 16, 17, 18, 23, 22, 21, 20, 19

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

