Job	Truss		Truss Type		Qty		Ply	MUNGO	HOME	S-RUSS	SELL B ROC	F		
72435093	A1T		Truss		1	1	2	Job Refe	erence	(optional	)			
UFP Mid Atlantic LLC, 5631 S.	NC 62, Bu	Irlington, NC, Joy Perry		Run: 8.81 S	Sep 13 20	24 Prin	nt: 8.810 S	Sep 13 2024	4 MiTek	Industries	, Inc. Thu Nov	07 13:4	15:54	Page: 1
-0-8-0		0.4.40	44.44.40	F 40 0	00.4.40	ID:ZY6	_OyVI0eA	ARXctegu5tn	nUyDyqr	-jChU3ply	AN17H9518C	a_7uQC	2R1D2VrrDj8F	4q5xyL∠sS 38-8-0
<u></u> −8-0		9-4-13	2-6-15	5-10-3 3-10-7	6-3-10	3		<u></u>	5 5		4-5-7	-ł	<u>38-0-0</u> 4-11-6	
000														000
			NAILED	NAILED	NA	ILED	N	AILED	N	AILED				
		<sub>5</sub> 12	NAILED	NAILED N/	AILED	١	NAILED	NAI	LED	N				
		NAILED	5x8≈ 2x5∎	. 3x8=	. 3x6=		2x3 II			. 5x8=	NAILED	D		
<u>+ +</u>		NAILED	4 34 5	35 6	3573	37	8	38 3	9	499		NAIL	ED	
	NAILED	35						•				3x4 🕿	NAILED	
<u>5-13</u>	1	31 T1	W1 W2 B3	W/8 W5	WB		W5	W.	16	W5			13	
4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	3	₹ ţ							1		1 17	WB	44	- 11
	B1	<u>о в</u>	47 2048 1189		Ϋ́.	♡ \ B4			Ÿ	V III	- Ÿ _ Ÿ	√ B5	<u> </u>	
Ó 🕅	21 ` 5x8=	0	2x3 II 5x8- 3x6=	49 17 5x6 u	50 5	51	16 5x8=	52 1 5	15 x8=	5314 5x5=	54 55	13 50 2x5 m	6 57	⊠
5x		NAILED						NAU		NI NI		NAU	ED	5x5=
	INAILED	' NA NAILED		NAILED NA	AILED	ľ	NAILED	IAILED	N/	AILED	NAILE	D	NAILED	
			TV ILLD		NA	ILED								
1-5	2-3-8 6-12	9-6-9	11-10-0 1	5-10-3	22-1-13	3		28-5-7	7		33-0-10		38-0-0	
<u>∤</u> 1-5	<del></del>	7-3-1	2-3-7	4-0-3	6-3-10	)	ł	6-3-10	0		4-7-3	ł	4-11-6	{
	0-9-12													
Plate Offsets (X, Y):	2:0-2-13,E0	dgej, [3:0-0-2,0-0-2], [4:0	)-3-0,0-2-8], [9:0-3-0,0-2-8]	, [19:0-2-12,0-3-0]										
Loading TCLL (roof)	(psf) 20.0	Spacing Plate Grip DOL	2-0-0 1.15	CSI TC	0.71	DEFL	- LL)	in (lo 0.45 20-2	oc) 1/0 24 >9	defl L/ 999 24	d PLATES		GRIP 244/190	
TCDL	10.0	Lumber DOL	1.15	BC	0.93	Vert(	CT)	-0.59 20-2	24 >7	777 18	0			
BCLL BCDL	0.0* 10.0	Rep Stress Incr Code	NO IRC2021/TPI2014	WB Matrix-MSH	0.73	Horz(	(CT)	0.20	11	n/a n/	a Weight: 4	58 lb	FT = 20%	
				<u> </u>	BRACING	<u> </u>								
TOP CHORD 2x4 SP No	.2 *Except	* T1:2x6 SP SS			TOP CHO	RD	St	ructural woo	d sheat	hing direc	tly applied or 6	-0-0 oc	purlins, excep	ot
BOT CHORD 2x6 SP No WEBS 2x4 SP No	0.2 *Except 0.3	* B2:2x4 SP No.1, B3:2>	4 SP No.3		вот сно	RD	Ri	gid ceiling di	irectly ap	pplied or 8	9. 3-9-2 oc bracin	g.		
REACTIONS (Ib/s	size) 2	e=1997/0-3-8, (min. 0-1-8	3), 11=1995/0-3-8, (min. 0-	1-8)										
Ma) Maj	Horiz 2 Uplift 2	2=74 (LC 8) 2=-937 (LC 4), 11=-940 (	LC 5)											
FORCES	(lb) - Ma	x. Comp./Max. Ten Al	l forces 250 (lb) or less exc	ept when shown.									/	
TOP CHORD	2-3=-137 6-36=-44	74/653, 3-31=-5330/268 492/2735, 7-36=-4492/2	7, 31-32=-4454/2491, 32-3 735, 7-37=-4492/2735, 8-3	3=-4402/2495, 4-33≕ 7=-4492/2735, 8-38≕	-4351/2500 -4492/2735	0, 4-34= 5, 38-39	=-4501/269 9=-4492/27	92, 5-34=-450 735, 39-40=-4	01/2692 4492/27	, 5-35=-4 35, 9-40=	472/2672, 6-35 -4492/2735, 9	-4472 -41=-36	/2672, 93/2136,	
BOT CHORD	41-42=-3 3-45=-22	3728/2151, 10-42=-3786 273/4464, 45-46=-2273/	6/2159, 10-43=-3979/2070, 4188, 46-47=-2273/4188, 2	43-44=-4013/2074, 1 0-47=-2273/4188, 20	1-44=-408 -48=-2283	5/2073 /4213,	19-48=-22	83/4213, 18-	-49=-547	7/986, 17-	49=-547/986,	17-50=-	2610/4560,	
	50-51=-2 13-56=-1	2610/4560, 16-51=-2610 1862/3705, 56-57=-1862	0/4560, 16-52=-1896/3452, 2/3705, 11-57=-1862/3705,	15-52=-1896/3452, 1 2-21=-368/759	5-53=-189	6/3452	, 14-53=-18	896/3452, 14	4-54=-18	362/3705,	54-55=-1862/	3705, 13	3-55=-1862/37	<i>'</i> 05,
NOTES	4-20=-24	44/590, 4-19=-513/700, 1	17-19=-2086/3614, 6-17=-4	131/348, 8-16=-526/4	92, 9-16=-	861/13	34, 9-14=- <i>i</i>	/3/453, 10-14	4=-302/	144				
<ol> <li>2-ply truss to be connected</li> </ol>	cted togeth	er with 10d (0.131"x3") I	nails as follows:	0.0.00										
Bottom chords connected	ed as follows.	ws: 2x4 - 1 row at 0-9-0	oc, 2x6 - 2 rows staggered	at 0-9-0 oc.										
<ol> <li>All loads are considered have been provided to</li> </ol>	d equally a	pplied to all plies, excep	t if noted as front (F) or bac	k (B) face in the LOA	D CASE(S	<li>section</li>	on. Ply to p	ly connection	ns					
<ol> <li>Unbalanced roof live lo</li> <li>Wind: ASCE 7-16: Vult</li> </ol>	ads have b	een considered for this of 3-second gust) Vasd-10	design. Jamph: TCDI –6 0psf: BCD	l -6 Onef: h-35ft: Cat	II: Evp B:	Enclos	ed: MWER	25 (envelope	<i></i>					
exterior zone; cantileve	r left and ri	ght exposed ; end vertic	al left and right exposed; L	umber DOL=1.60 plat	e grip DOL	L=1.60		(envelope	-)					
<ul> <li>6) This truss has been dealer</li> </ul>	signed for a	a 10.0 psf bottom chord	live load nonconcurrent wit	h any other live loads										
<ul> <li>This truss has been d the bottom chord and a</li> <li>Provide mechanical assist</li> </ul>	ny other m	embers.		eas where a rectangle			-00-00 WIG	e will fit betw	veen					
<ol> <li>Graphical purlin representation</li> </ol>	entation do	es not depict the size or	the orientation of the purli	along the top and/or	bottom ch	nord.	ib upilit at j	01111 2.			mill		inin.	
10) "NAILED" indicates 3-1 LOAD CASE(S) Stand	0d (0.148") lard	x3") or 3-12d (0.148"x3.2	25") toe-nails per NDS guid	lines.							"ATH	CA	ROUT	
1) Dead + Roof Live (bal	anced): Lur	mber Increase=1.15, Pla	te Increase=1.15							-	2 OF	ESSI	ONTA	in.
Uniform Loads (lb/ft) Vert: 1	-4=-60, 4-9	9=-60, 9-12=-60, 19-22=-	-20, 18-25=-20, 21-28=-20							in.	:2	1	K.	11
Concentrated Loads (I	b) 9=-19 (F)	5=-28 (F). 15=-19 (F) 1	7=-19 (F), 6=-28 (F) 8=-28	(F), 16=-19 (F) 23	33 (F). 24-	=-27 (F)	), 31=-18 /F	F), 32=-11 /F	=).	لتجر	17	SEAL	-	111
33=-9 443	(F), 34=-10	0 (F), 35=-28 (F), 36=-28 29 (F), 46=-35 (F), 47=-3	(F), 37=-28 (F), 38=-28 (F) 8 (F), 48=-37 (F) 49=-19 (	), 39=-28 (F), 40=-28 F), 50=-19 (F), 51=-19	(F), 41=-2	8 (F), 4 19 (F)	2=-28 (F), 53=-19 (F)	43=-29 (F), 54=-19 (F)		(=	× 10	42/0	124	II.
55=-19	(F), 56=-1	8 (F), 57=-27 (F)	( <i>,, , , , , , , , , ,</i>	,	( <i>)</i> , <b>-</b>	- (- /)				-		1/20	ER.	111
											HAM	3114	nu?	
	rometa	hown and is for an in "		be installed and l	dod vertir		nlinghille	of docine -	rom et -	004	1111	VB.	minut	
is responsibility of the Building	ameters sl 1 Designer	Nown, and is for an indiv Building Designer shal	loual pullding component to I verify all design informatic	o be installed and load	ueu vertica	any.Ap a with o	plicability (	ond requirem	ents of t	s and prop the specif	ic huilding and	n UI COI noverni	inponent	1





for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.





















Job		Truss		Truss <sup>-</sup>	Гуре		Qty	P	ly	MUNG	IO HO	MES-R	USSE	LL B ROOF		
72435093		EJ1		Truss			1	9	1	Job Re	eferenc	ce (optio	onal)			
UFP Mid Atlantic I	LLC, 5631 S. N	IC 62, Bur	lington, NC, Joy Perry			Run: 8.81 S	Sep 13 20	24 Print:	8.810 S	Sep 13 20	024 Mit	ek Indus	tries, Ir	nc. Thu Nov 07 1	3:45:57	Page: 1
							IC	):Cnmhf/	\vUtPRz\	YwZ8rT?N	NiNyDz/	AG-czx?	vBoTD	bzZInPEN2ewHk	b9Xej7RqHoemF2E	EiyLZsO
						-0-8-0 0-8-0	<u>3-6-5</u> 3-6-5		$\rightarrow$							
				4-7-4		2x3 #	12 <sup>12</sup>		3	4-5-13						
					0-11-8	2 1 3x5 II	́В†		4		<u> </u>					
						<u>}</u>	3-6-5		$\rightarrow$							
Plate Offsets (X, `	Y): [5:	0-2-0,0-1-	4]													
Loading TCLL (roof) TCDL BCLL BCDL		(psf) 20.0 10.0 0.0* 10.0	<b>Spacing</b> Plate Grip DOL Lumber DOL Rep Stress Incr Code	IF	2-0-0 1.15 1.15 YES RC2021/TPI2014	<b>CSI</b> TC BC WB Matrix-MR	0.52 0.35 0.00	DEFL Vert(LL Vert(C Horz(C	.) Г) Т) -	in 0.02 0.02 -0.03	(loc) 4-5 4-5 3	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 15 lb	<b>GRIP</b> 244/190 FT = 20%	
LUMBER TOP CHORD BOT CHORD WEBS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3	2					BRACING TOP CHO BOT CHO	RD RD	Sti ve Rij	tructural w erticals. igid ceiling	vood shu g directl	eathing o y applied	lirectly I or 10-	applied or 3-6-5 o 0-0 oc bracing.	oc purlins, except e	end
REACTIONS FORCES NOTES 1) Unbalance 2) Wind: ASC exterior zo for reaction 3) This truss 4) * This truss the bottom 5) Provide mo	(Ib/siz Max H Max C E 7-16; Vult=1 one and C-C Ex ns shown; Lum has been desig s has been desig s has been desig echanical conn	te) 3= 5- 5- 5- 10riz 5= Jplift 3= Grav 3= (lb) - Max ds have be 30mph (3 tterior(2E) ber DCL= gned for a signed for y other me vection (by	-88/ Mechanical, (min. -187/0-3-8, (min. 0-1-8 -152 (LC 10) -112 (LC 10), 4=-12 (I -110 (LC 18), 4=64 (LC x. Comp./Max. Ten A even considered for this -second gust) Vasd=1 zone; cantilever left at -1.60 plate grip DQL=1 10.0 psf bottom chord a live load of 20.0psf c mbers. • others) of truss to bea	0-1-8), 4= 3) LC 10) C 3), 5=18 Ul forces 29 design. 03mph; TC nd right ex. 60 I live load r on the botto aring plate	39/ Mechanical, (r 7 (LC 1) 50 (lb) or less exce DL=6.0psf; BCDL posed ; end vertici nonconcurrent with om chord in all are capable of withsta	nin. 0-1-8), ept when shown. =6.0psf; h=35ft; Cat. al left and right expos any other live loads. as where a rectangle nding 112 lb uplift at	II; Exp B; ed;C-C fo 3-06-00 tr joint 3 and	Enclose r membe all by 2-0 I 12 lb up	d; MWFR rs and fo 10-00 wide 9lift at join	RS (envelo rces & Μι le will fit bi	ope) NFRS	C	and a start of the	ORTH CAR	AROUNA SIONALA AL 2024	
This design is ba	ased upon para	meters sh Desianer	own, and is for an indi Building Designer sha	vidual buil	ding component to	be installed and load	ded vertica	Illy. App	licability o	of design	parame	ters and	proper	incorporation of puilding and gove	component	



Job	Tr	uss		Truss Type		Qty	Pl	/	MUNGO	HOME	S-RI	JSSE	LL B ROOF	
72435093	E	J1T		Truss		1		1	Job Refe	rence	(optic	onal)		
UFP Mid Atlantic LL	LC, 5631 S. NC 6	62, Burl	lington, NC, Joy Perry	-	Run: 8.81 S Se	p 13 202 ורסו	4 Print: 8 CombfAv	.810 S :	Sep 13 2024	MiTek	Indus 49VN	tries, Ir 6Xn5 \	nc. Thu Nov 07 13 50Nx Rwl99gv8	3:45:58 Page: 1
					-0-8-0 -0-8-0 -0-8-0 -0-8-0	3-6   1-4	<u>6-5  </u> 4-9					<u>, , , , , , , , , , , , , , , , , , , </u>		
				0-11-8	12 3x3 y 1 8 2 1 8 2 2 5 =	12 3x3 II 3 1.5x3 II	4 33 5 5 5 5 5 4	= 707						
					0-3-8 2-3-1 1 2-0-( 0-3-8	3 <u>  3-</u> ) 1 <sub>1-2</sub>	<u>6-5  </u> 2-13							
Loading TCLL (roof) TCDL BCLL BCDL	(p: 20 10 0 10	sf) ).0 ).0 ).0 * ).0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2021/TPI2014	CSI TC BC WB Matrix-MR	0.22 0.32 0.00	DEFL Vert(LL) Vert(CT) Horz(CT	) -	in (lo 0.02 0.01 0.02	c) 1/0 7 >9 7 >9 4	defl 999 999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 19 lb	<b>GRIP</b> 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS	2x4 SP No.2 2x4 SP No.2 *E 2x4 SP No.3	xcept*	B2:2x4 SP No.3		BR TO BC	ACING P CHOR T CHOR	D D	Sti ve Rij	uctural woo ticals. id ceiling di	d sheati rectly a	hing d oplied	lirectly or 10-	applied or 3-6-5 c 0-0 oc bracing.	c purlins, except end
REACTIONS FORCES NOTES 1) Unbalanced 2) Wind: ASCE exterior zon for reactions 3) This truss h 4) * This truss h 4) * This truss the bottom of 5) Bearing at ju surface. 6) Provide med	(Ib/size) Max Horiz Max Uplif Max Grav (Ib) d roof live loads ha E 7-16; Vult=1300 re and C-C Exteric s shown; Lumber has been designed has been designed ha	4= 8= 8= 8= 14 4= 1 - Max ave be mph (3 or(2E) DOL= d for a ther meed for a there is parallal	<ul> <li>70/ Mechanical, (min. 1:187/0-3-8, (min. 0-1-8):182 (LC 10)</li> <li>152 (LC 10), 5=-52 (LC -3)</li> <li>85 (LC 18), 5=-73 (LC -3)</li> <li>Comp./Max. Ten Al en considered for this enconsidered for this enconsidered for this enconsidered for the case cond gust) Vasd=10 zone; cantilever left an 1.60 plate grip DOL=1.</li> <li>10.0 psf bottom chord a live load of 20.0psf ombers.</li> <li>Ilel to grain value using others) of truss to bear</li> </ul>	D-1-8), 5=57/ Mechanical, (n 10) 18), 8=187 (LC 1) I forces 250 (lb) or less exce design. 13mph; TCDL=6.0psf; BCDL d right exposed ; end vertica 60 live load nonconcurrent with 1 the bottom chord in all are ANSI/TPI 1 angle to grain f ring plate capable of withsta	nin. 0-1-8), ept when shown. =6.0psf; h=35ft; Cat. II; al left and right exposed any other live loads. as where a rectangle 3- ormula. Building desigr nding 72 lb uplift at join	Exp B; E ;C-C for 06-00 tai her shoul t 4 and 5	Inclosed; members Il by 2-00 d verify c 2 lb uplift	MWFR -00 widd apacity at joint	S (envelope ces & MWF will fit betw of bearing 5.	) RS een				
											Ċ	and the second	ORTH CA OFESS 0427 1177/2 CA AGIN	AROUNA 10 10 10 10 10 10 10 10 10 10 10 10 10



	<b>T</b>				
Job	Truss	Truss Type	Qty Ply	MUNGO HOMES-RUSSELL B ROOF	
72435093	EJ2	Truss	3 1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. N	C 62, Burlington, NC, Joy Perry	Rur	: 8.81 S Sep 13 2024 Print: 8.810	0 S Sep 13 2024 MiTek Industries, Inc. Thu Nov 0	7 13:45:58 Page: 1
			ID:YIZaitzdix4	GehS6e0aYPQyDzAB-49VN6Xp5_v5QNx_Rwl99	qy8Lj23mAHXytQ_bm9yLZsN
		-0-8-0	) 3-6-5 , <u>2-11-5</u>		
		l 0-8-0	2-11-5     0-7-0		
			3x4 🛥		
		<u> </u>	$3^{4}$	<u> </u>	
		x .			
		4	T	13	
		0 4	.5x3 II	-0-	
		2			
		11-8	Д́ п		
			12 h²     12 h²       1.5x3 II     1.5x3 II       1.5x3 II     1.5x3 II       2     1.5x3 II       6     5       3x4 II       3.6-5       0.49       0.49       Vert(LL)       0.02       0.32       Vert(CT)       -0.02       5.6       999       10 Horz(CT)       -0.05       4       1/2       Weight: 15 lb       FT = 20%		
		× ·	5		
			3x4 II		
			ر 3-6-5		
			1		
Plate Offsets (X, Y): [3:	D-0-11,Edge], [6:0-1-8,0-1-0]				
Loading	(psf) Spacing	2-0-0 <b>CSI</b>	DEFL	in (loc) l/defl L/d PLATES	GRIP
TCLL (roof) TCDL	20.0 Plate Grip DOL 10.0 Lumber DOL	1.15 TC 1.15 BC	0.49 Vert(LL) 0.32 Vert(CT)	0.02 5-6 >999 240 MT20 -0.02 5-6 >999 180	244/190
BCLL	0.0* Rep Stress Incr	YES WB	0.00 Horz(CT)	-0.05 4 n/a n/a	
BCDL	10.0 Code	IRC2021/TPI2014 Matrix-MF	2	Weight: 15 ll	o FT = 20%
LUMBER			BRACING		
TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2			TOP CHORD	Structural wood sheathing directly applied or 3-6 verticals, and 2-0-0 oc purlins: 3-4.	-5 oc purlins, except end
WEBS 2x4 SP No.3	5		BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing	J.
REACTIONS (Ib/siz	e) 4=88/ Mechanical, (min. ( 6=187/0-3-8 (min. 0-1-8)	0-1-8), 5=39/ Mechanical, (min. 0-1-8),			
Max H	Horiz 6=133 (LC 10)	10)			
IVIAX U	Srav 4=-85 (LC 10), 5=-10 (LC Srav 4-89 (LC 18) 5-64 (LC 3	), 6=187 (LC 1)			
Max 0	JIAV 4-03 (LO 10), 3-04 (LO 3		own.		
Max (	(lb) - Max. Comp./Max. Ten All	forces 250 (lb) or less except when sh			
Max ( FORCES NOTES	(lb) - Max. Comp./Max. Ten All	forces 250 (lb) or less except when sh			
Max ( FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-16; Vult=1	(Ib) - Max. Comp./Max. Ten All Is have been considered for this of 30mph (3-second gust) Vasd=10	forces 250 (lb) or less except when sh lesign. 3mph; TCDL=6.0psf; BCDL=6.0psf; h=	35ft; Cat. II; Exp B; Enclosed; MV	VFRS (envelope)	
Max ( FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-16; Vult=1 exterior zone and C-C Ex for reactions shown; Lum	(lb) - Max. Comp./Max. Ten All Is have been considered for this of 30mph (3-second gust) Vasd=10 terior(2E) zone; cantilever left an ber DOL=1.60 plate grip DOL=1.	forces 250 (lb) or less except when sh lesign. 3mph; TCDL=6.0psf; BCDL=6.0psf; h= d right exposed ; end vertical left and ri 30	35ft; Cat. II; Exp B; Enclosed; MV ght exposed;C-C for members an	VFRS (envelope) d forces & MWFRS	
Max 0 FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-16; Vult=1 exterior zone and C-C Ex for reactions shown; Lum 3) Provide adequate drainag 4) This truss has been desix	(Ib) - Max. Comp./Max. Ten All (Ib) - Max. Comp./Max. Ten All Is have been considered for this of 30mph (3-second gust) Vasd=10 terior(2E) zone; cantilever left an ber DOL=1.60 plate grip DOL=1. ge to prevent water ponding. uped for a 10.0 psf bottom chord	forces 250 (lb) or less except when sh lesign. 3mph; TCDL=6.0psf; BCDL=6.0psf; h= d right exposed ; end vertical left and ri 50	35ft; Cat. II; Exp B; Enclosed; MV ght exposed;C-C for members an ive loads.	VFRS (envelope) d forces & MWFRS	
Max ( FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-16; Vult=1 exterior zone and C-C Ex for reactions shown; Lum 3) Provide adequate drainag 4) This truss has been desig 5) * This truss has been desig	(Ib) - Max. Comp./Max. Ten All (Ib) - Max. Comp./Max. Ten All Is have been considered for this of 30mph (3-second gust) Vasd=10 terior(2E) zone; cantilever left an ber DOL=1.60 plate grip DOL=1. Je to prevent water ponding. Ined for a 10.0 psf bottom chord I ligned for a live load of 20.0psf or the prevent base.	forces 250 (lb) or less except when sh lesign. 3mph; TCDL=6.0psf; BCDL=6.0psf; h= d right exposed ; end vertical left and ri 50 ive load nonconcurrent with any other l the bottom chord in all areas where a	35ft; Cat. II; Exp B; Enclosed; MV ght exposed;C-C for members an ive loads. rectangle 3-06-00 tall by 2-00-00	VFRS (envelope) d forces & MWFRS wide will fit between	
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Max ( FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-16; Vult=1 exterior zone and C-C Ex for reactions shown; Lum 3) Provide adequate draina; 4) This truss has been desig 5) * This truss has been desig 5) * This truss has been desig 5) * This truss has been desig 7) Graphical purlin represent	(Ib) - Max. Comp./Max. Ten All (Ib) - Max. Comp./Max. Ten All Is have been considered for this of 30mph (3-second gust) Vasd=10 terior(2E) zone; cantilever left an ber DOL=1.60 plate grip DOL=1. Je to prevent water ponding. gned for a 10.0 psf bottom chord I igned for a live load of 20.0psf or other members. ection (by others) of truss to bear tation does not depict the size or	forces 250 (lb) or less except when sh lesign. 3mph; TCDL=6.0psf; BCDL=6.0psf; h= d right exposed ; end vertical left and ri 30 ive load nonconcurrent with any other I the bottom chord in all areas where a ing plate capable of withstanding 85 lb the orientation of the purlin along the t	35ft; Cat. II; Exp B; Enclosed; MV ght exposed;C-C for members an ive loads. rectangle 3-06-00 tall by 2-00-00 uplift at joint 4 and 10 lb uplift at j op and/or bottom chord.	VFRS (envelope) d forces & MWFRS wide will fit between oint 5.	CAROUNI
Max ( FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-16; Vult=1 exterior zone and C-C Ex for reactions shown; Lum 3) Provide adequate draina; 4) This truss has been desig 5) * This truss has been desig 5) * This truss has been desig 6) Provide mechanical conn 7) Graphical purlin represent	(Ib) - Max. Comp./Max. Ten All (Ib) - Max. Comp./Max. Ten All shave been considered for this of 30mph (3-second gust) Vasd=10 terior(2E) zone; cantilever left an ber DOL=1.60 plate grip DOL=1. ge to prevent water ponding. ned for a 10.0 psf bottom chord 1 igned for a live load of 20.0psf or other members. ection (by others) of truss to beal tation does not depict the size or	forces 250 (lb) or less except when sh lesign. 3mph; TCDL=6.0psf; BCDL=6.0psf; h= d right exposed ; end vertical left and ri 30 ive load nonconcurrent with any other l the bottom chord in all areas where a ing plate capable of withstanding 85 lb the orientation of the purlin along the t	35ft; Cat. II; Exp B; Enclosed; MV ght exposed;C-C for members an ive loads. rectangle 3-06-00 tall by 2-00-00 uplift at joint 4 and 10 lb uplift at j ap and/or bottom chord.	VFRS (envelope) d forces & MWFRS wide will fit between oint 5.	CAROLIN
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Max 0 FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-16; Vult=1 exterior zone and C-C Eb- for reactions shown; Lum 3) Provide adequate drainag 4) This truss has been des 5) * This truss has been des the bottom chord and any 6) Provide mechanical conn 7) Graphical purlin represent	(Ib) - Max. Comp./Max. Ten All (Ib) - Max. Comp./Max. Ten All Is have been considered for this of 30mph (3-second gust) Vasd=10 terior(2E) zone; cantilever left an ber DOL=1.60 plate grip DOL=1. Je to prevent water ponding. Ined for a 10.0 psf bottom chord I igned for a live load of 20.0psf or other members. ection (by others) of truss to beat tation does not depict the size or	forces 250 (lb) or less except when sh lesign. 3mph; TCDL=6.0psf; BCDL=6.0psf; h= d right exposed ; end vertical left and ri 30 ive load nonconcurrent with any other I the bottom chord in all areas where a ing plate capable of withstanding 85 lb the orientation of the purlin along the to	35ft; Cat. II; Exp B; Enclosed; MV ght exposed;C-C for members an ive loads. rectangle 3-06-00 tall by 2-00-00 uplift at joint 4 and 10 lb uplift at j op and/or bottom chord.	VFRS (envelope) d forces & MWFRS wide will fit between oint 5.	CAROLINE SSIONE
Max G FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-16; Vult=1 exterior zone and C-C Ex for reactions shown; Lum 3) Provide adequate draina; 4) This truss has been desig 5) * This truss has been desig 5) * This truss has been desig 6) Provide mechanical conn 7) Graphical purlin represent	(Ib) - Max. Comp./Max. Ten All (Ib) - Max. Comp./Max. Ten All Is have been considered for this of 30mph (3-second gust) Vasd=10 terior(2E) zone; cantilever left an ber DOL=1.60 plate grip DOL=1. Je to prevent water ponding. gned for a 10.0 psf bottom chord I igned for a 10.0 psf bottom chord I igned for a live load of 20.0psf or other members. ection (by others) of truss to beau tation does not depict the size or	forces 250 (lb) or less except when sh lesign. 3mph; TCDL=6.0psf; BCDL=6.0psf; h= d right exposed ; end vertical left and ri 30 ive load nonconcurrent with any other I n the bottom chord in all areas where a ing plate capable of withstanding 85 lb the orientation of the purlin along the to	35ft; Cat. II; Exp B; Enclosed; MV ght exposed;C-C for members an ive loads. rectangle 3-06-00 tall by 2-00-00 uplift at joint 4 and 10 lb uplift at j op and/or bottom chord.	VFRS (envelope) d forces & MWFRS wide will fit between oint 5.	CAROUNSSION R
Max G FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-16; Vult=1 exterior zone and C-C Ex- for reactions shown; Lum 3) Provide adequate draina; 4) This truss has been desig 5) * This truss has been desig 6) Provide mechanical conn 7) Graphical purlin represen	(Ib) - Max. Comp./Max. Ten All (Ib) - Max. Comp./Max. Ten All (Is have been considered for this of 30mph (3-second gust) Vasd=10 terior(2E) zone; cantilever left an ber DOL=1.60 plate grip DOL=1. get oprevent water ponding. gned for a 10.0 psf bottom chord I igned for a live load of 20.0psf or o ther members. ection (by others) of truss to bear tation does not depict the size or	forces 250 (lb) or less except when sh lesign. 3mph; TCDL=6.0psf; BCDL=6.0psf; h= d right exposed ; end vertical left and ri 30 ive load nonconcurrent with any other l the bottom chord in all areas where a ing plate capable of withstanding 85 lb the orientation of the purlin along the t	35ft; Cat. II; Exp B; Enclosed; MV ght exposed;C-C for members an ive loads. rectangle 3-06-00 tall by 2-00-00 uplift at joint 4 and 10 lb uplift at j ap and/or bottom chord.	VFRS (envelope) d forces & MWFRS wide will fit between oint 5.	CAROLINA SSION EAL 2768
Max G FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-16; Vult=1 exterior zone and C-C Ex- for reactions shown; Lum 3) Provide adequate draina; 4) This truss has been desig 5) * This truss has been desig 6) Provide mechanical conn 7) Graphical purlin represent	(Ib) - Max. Comp./Max. Ten All (Ib) - Max. Comp./Max. Ten All Is have been considered for this of 30mph (3-second gust) Vasd=10 terior(2E) zone; cantilever left an ber DOL=1.60 plate grip DOL=1. get oprevent water ponding. Ined for a 10.0 psf bottom chord I igned for a live load of 20.0psf or other members. ection (by others) of truss to beau tation does not depict the size or	forces 250 (lb) or less except when sh lesign. 3mph; TCDL=6.0psf; BCDL=6.0psf; h= d right exposed ; end vertical left and ri 30 ive load nonconcurrent with any other l the bottom chord in all areas where a ing plate capable of withstanding 85 lb the orientation of the purlin along the t	35ft; Cat. II; Exp B; Enclosed; MV ght exposed;C-C for members an ive loads. rectangle 3-06-00 tall by 2-00-00 uplift at joint 4 and 10 lb uplift at j op and/or bottom chord.	VFRS (envelope) d forces & MWFRS wide will fit between oint 5.	CAROLINE SSION
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Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-RUSSELL B ROOF	
72435093	EJ2T	Truss	1	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Joy Perry	Run: 8.81 S Sep	13 2024 Pri	int: 8.810 S S	Sep 13 2024 MiTek Industries, Inc. Thu Nov 07 13:45:58	Page: 1

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Thu Nov 07 13:45:58 







Plate Offsets (X, Y):

[4:0-0-11,Edge]

oading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
CLL (roof)	20.0	Plate Grip DOL	1 15	тс	0.20	Vert(LL)	0.02	8	>999	240	MT20	244/190	
CDI	10.0		1.10	BC	0.20	Vert(CT)	0.01	2 2	~000	180			
	10.0	Den Official la ca	1.13	DO MO	0.50		0.01	-	2000	100			
ICLL	0.0 ^	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.03	5	n/a	n/a			
SCDL	10.0	Code	IRC2021/TPI2014	Matrix-MR							Weight: 19 lb	FT = 20%	
					BRACING								
TOP CHORD	2x4 SP No 2				TOP CHO	RD	Structural	wood st	neathing	directly	applied or 3-6-5 o	c purlins except	end
BOT CHORD	2x4 SP No 2 *Excent*	* B2·2x4 SP No 3					verticals,	and 2-0-	0 oc purli	ns: 4-5		o parinio, oncopr	onia
WERS	2x4 SP No 3	D2.2X4 01 110.0			BOT CHO	RD	Rigid ceili	ng direct	ly applie	d or 10-	0-0 oc bracing.		
WEB0	2.44 01 110.0												
REACTIONS	(lb/size) 5	=69/ Mechanical, (min. (	)-1-8), 6=58/ Mechanical, (r	nin. 0-1-8),									
	Max Horiz 9	=137/0-3-8, (1111. 0-1-8) =133 (I.C. 10)											
	Max I Inlift 5	46 (LC 10) 648 (LC	10)										
	Max Gray 5		(-1)										
		-09 (LC 1), 0-72 (LC 10	(, 9=107 (LC 1)										
FORCES	(ID) - IVIA:	x. Comp./Max. Ten All	torces 250 (ID) or less exce	ept when shown									
NOTES													
1) Unbalance	d roof live loads have b	een considered for this o	iesign.										
2) Wind: ASC	E 7-16; Vult=130mph (3	3-second gust) Vasd=10	3mph; 1CDL=6.0psf; BCDL	.=6.0pst; h=35tt;	; Cat. II; Exp B;	Enclosed; M	WFRS (enve	elope)					
exterior zor	ne and C-C Exterior(2E	20ne; cantilever left and	a right exposed ; end vertic	al left and right e	exposed;C-C to	r members ar	na torces & I	VIVVFRS					
<ol> <li>Provide ad</li> </ol>	equate drainage to prev	ent water ponding	50										
1) This truss h	has been designed for a	10.0 psf bottom chord l	ive load nonconcurrent with	any other live l	ads								
5) * This truss	has been designed for	a live load of 20 0nsf or	the bottom chord in all are	as where a rect:	angle 3-06-00 t:	all by 2-00-00	) wide will fit	hetweer					
the bottom	chord and any other me	embers.				un by 2 00 00		betweet					
6) Bearing at	joint(s) 9 considers para	allel to grain value using	ANSI/TPI 1 angle to grain f	ormula. Buildin	g designer shou	uld verify capa	acity of bear	ing					
7) Provide me	chanical connection (by	(others) of truss to bear	ing plate capable of withsta	nding 46 lb unlif	ft at joint 5 and	48 lb unlift at	ioint 6						
<ul> <li>Graphical r</li> </ul>	ourlin representation do	es not denict the size or	the orientation of the purlin	along the top a	nd/or bottom ch	ord	joint 0.						
			and oriented of the pullin	along the top a		ora.							
												1111	
											"'LL CA	Dille	
											"atr or	10, 10	
										5	OCEESS	10: 11	2) 
										5 .	2.01	No.7	1
										3	12 1	K :	1
										Ξ.	- APEA	1	-
										2	: TOLA		=
									/	2	:/ /0427	68 :	=
									1	= /	-		=
										-	· (11/1/2	024	-



Job	Truss	Truss Type		Otv	Plv	MUNGO HC	MFS-RI	JSSEI	L B ROOF	
72435093	EJ3	Truss		3	1					
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Joy Perry	11000	Run: 8.81 S S	ep 13 2024 F	Print: 8.810 S	Job Referen Sep 13 2024 Mi	ce (optic Tek Indus	nal) tries, Ind	c. Thu Nov 07 13:	45:58 Page: 1
				ID:VPDIhi	NCYEnTZQc	PmFVQ?hRyDz9	u-49VN6)	(p5_v5	QNx_Rwl99qy8M	A25uAHXytQ_bm9yLZsN
			-0-8-0 2-1-4 	5 3 5 1-	6-5 5-0					
		}	12 <sup>12</sup> 1.5x3 ⊪ 11 1 1 6 3x3 ⊪	3x5 = 2 3 B1	4 <u></u>	3-0-13				
			<u> </u>	3-6-5						
Plate Offsets (X, Y): [3:0	0-1-3,Edge], [6:0-1-8,0-0-8]				I					
Loading TCLL (roof) TCDL BCLL BCDL	(psf)         Spacing           20.0         Plate Grip DOL           10.0         Lumber DOL           0.0*         Rep Stress Incr           10.0         Code	2-0-0 1.15 1.15 YES IRC2021/TPI2014	CSI TC BC WB Matrix-MR	0.40 Ve 0.25 Ve 0.00 Ho	E <b>FL</b> rt(LL) rt(CT) vrz(CT)	in (loc) 0.02 5-6 -0.01 5-6 -0.06 4	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 14 lb	<b>GRIP</b> 244/190 FT = 20%
LUMBER           TOP CHORD         2x4 SP No.2           BOT CHORD         2x4 SP No.2           WEBS         2x4 SP No.3	2 2 3		Bi To Bo	RACING OP CHORD OT CHORD	S v R	Structural wood sh erticals, and 2-0-0 Rigid ceiling direct	leathing d ) oc purlin ly applied	irectly a is: 3-4. or 10-0	pplied or 3-6-5 oc -0 oc bracing.	purlins, except end
REACTIONS (Ib/siz	ze) 4=88/ Mechanical, (min. ) 6=187/0-3-8, (min. 0-1-8) Horiz 6=99 (LC 10) Jplift 4=-49 (LC 10), 5=-2 (LC Sray, 4=88 (LC 1), 5=-64 (LC 3)	0-1-8), 5=39/ Mechanical, (mi	in. 0-1-8),							
FORCES	(lb) - Max. Comp./Max. Ten Al	l forces 250 (lb) or less excep	ot when shown.							
NOTES           1)         Unbalanced roof live load           2)         Wind: ASCE 7-16; Vult=1 exterior zone and C-C Ex for reactions shown; Lum           3)         Provide adequate drainage           4)         This truss has been desige           5)         * This truss has been desige           6)         Provide mechanical conn           7)         Graphical purlin represent	ds have been considered for this 130mph (3-second gust) Vasd=10 terior(2E) zone; cantilever left an iber DOL=1.60 plate grip DOL=1. ge to prevent water ponding. gned for a 10.0 psf bottom chord signed for a live load of 20.0psf or y other members. lection (by others) of truss to bea ntation does not depict the size or	design. Bower and the second of the second	6.0psf; h=35ft; Cat. II left and right expose any other live loads. s where a rectangle 3 ding 49 lb uplift at joir long the top and/or b	I; Exp B; Enc d;C-C for me 3-06-00 tall by nt 4 and 2 lb oottom chord.	losed; MWFI mbers and fe y 2-00-00 wid	RS (envelope) orces & MWFRS de will fit between 5.				
								Anna	ORTH CA	ROLINA
							C	- Annun	SEA 04270 1177/2 VGIN	68 024 DU.
									1111	and the



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES-RUSSELL B ROOF	
72435093	EJ3T	Truss	1	1	Job Reference (optional)	
JFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Joy Perry	Run: 8.81 S Sep	13 2024 Pri	int: 8.810 S	Sep 13 2024 MiTek Industries, Inc. Thu Nov 07 13:45:58	Page: 1

Inc. Thu Nov 07 13:45:58 24 Print: )24 MiTek lı 







Plate Offsets (X,	Y): [3:0-1-8,0	0-2-4]										
Loading FCLL (roof) FCDL BCLL	(psf) 20.0 10.0 0.0	<ul> <li>Spacing</li> <li>Plate Grip DOL</li> <li>Lumber DOL</li> <li>Rep Stress Incr</li> </ul>	2-0-0 1.15 1.15 YES	CSI TC BC WB	0.19 0.25 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.01 -0.01 -0.03	(loc) 3 3 4	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20	<b>GRIP</b> 244/190
BCDL	10.0	Code	IRC2021/1PI2014	Matrix-MR							Weight: 18 lb	F1 = 20%
LUMBER TOP CHORD BOT CHORD WEBS REACTIONS	2x4 SP No.2 2x4 SP No.2 *Exc 2x4 SP No.3 (Ib/size) Max Horiz Max Uplift Max Grav	4=71/ Mechanical, (min. 0- 8=187/0-3-8, (min. 0-1-8) 8=100 (LC 10) 4=-29 (LC 7), 5=-27 (LC 10 4=71 (LC 1), 5=59 (LC 18)	1-8), 5=55/ Mechanical, (r )) 8=187 (LC 1)	min. 0-1-8),	BRACING TOP CHO BOT CHO	RD RD	Structural verticals, Rigid ceili	wood sł and 2-0- ing direct	neathing 0 oc purl tly applie	directly ins: 3-4. d or 10-	applied or 3-6-5 c	ic purlins, except end
FORCES	(lb) -	Max. Comp./Max. Ten All f	orces 250 (lb) or less exce	ept when show	n.							
<ol> <li>Unbalanc</li> <li>Wind: ASI exterior zz for reactic</li> <li>Provide a</li> <li>This truss</li> <li>* This truss</li> <li>* This trus</li> <li>the botton</li> <li>Bearing a surface.</li> <li>Provide rr</li> <li>Graphical</li> </ol>	ed roof live loads hav CE 7-16; Vult=130mp one and C-C Exteriorr ons shown; Lumber D dequate drainage to p is has been designed f ss has been designed an chord and any othe it joint(s) 8 considers p nechanical connection purlin representation	e been considered for this de th (3-second gust) Vasd=103 (2E) zone; cantilever left and OL=1.60 plate grip DOL=1.60 or a 10.0 psf bottom chord liv I for a live load of 20.0psf on i members. parallel to grain value using A the (by others) of truss to bearin does not depict the size or the size or the size o	sign. mph; TCDL=6.0psf; BCDI right exposed ; end vertic ) e load nonconcurrent with the bottom chord in all are INSI/TPI 1 angle to grain 1 ng plate capable of withsta te orientation of the purlin	=6.0psf; h=35f al left and right n any other live ras where a rec formula. Buildin anding 29 lb upl along the top a	t; Cat. II; Exp B; exposed;C-C fo loads. tangle 3-06-00 t ng designer shou lift at joint 4 and and/or bottom ch	Enclosed; M r members an all by 2-00-00 uld verify cap 27 lb uplift at lord.	WFRS (enve nd forces & I ) wide will fit acity of bear joint 5.	elope) MWFRS betweer ing		and the second s	ORTH CA ORTESS 28 0427 1177/2 CANGIN	AROLINA NE 68 2024



Job	Truss	Truss Type		Qty	Ply	MUNGO HO	MES-RUSS	ELL B ROOF	
72435093	EJ4	Truss		3	1	Job Reference	ce (optional)	)	
UFP Mid Atlantic LLC, 5631 S. N	C 62, Burlington, NC	, Joy Perry	Run: 8.81 S S	ep 13 2024 F	Print: 8.810 S	Sep 13 2024 MiT	ek Industries	, Inc. Thu Nov 07 13	:45:58 Page: 1
				ID:0	0gqjaUba8U	9IIENfYsdfVyDz9\	W-49VN6Xp5	_v5QNx_Rwl99qy80	Qb27yAHXytQ_bm9yLZsN
			-0-8-0 1-3-5 1-3-5 0-8-0	, <u>3-6-5</u> 2-3-0	<u>;</u> ) 1				
		2-4-4 0-11-8	12 <sup>12</sup> 3 1.5x3 II 2 1 6	x4 = T2 B1	4 N 	2-2-13			
			2x3 II						
				3-6-5	$\rightarrow$				
Plate Offsets (X, Y): [3:0	)-0-11,Edge]		I		I				
Loading TCLL (roof) TCDL BCLL BCDL	(psf)         Spacing           20.0         Plate Grip           10.0         Lumber D           0.0*         Rep Stres           10.0         Code	2-0-0 DOL 1.11 OL 1.11 s Incr YES IRC2021/TPI2014	0 <b>CSI</b> 5 TC 5 BC 8 WB 4 Matrix-MR	0.18 Ve 0.12 Ve 0.00 Hc	EFL ert(LL) ert(CT) orz(CT)	in (loc) 0.01 5-6 -0.01 5-6 0.03 4	l/defl L/d >999 240 >999 180 n/a n/a	H PLATES MT20 Weight: 14 lb	<b>GRIP</b> 244/190 FT = 20%
LUMBER TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.3 REACTIONS (lb/siz Max F	e) 4=89/ Mechai 6=187/0-3-8, łoriz 6=66 (LC 10)	nical, (min. 0-1-8), 5=38/ Mechanical, (min. 0-1-8)	<b>B</b> T( Bi , (min. 0-1-8),	RACING OP CHORD OT CHORD	S V R	Structural wood sh erticals, and 2-0-0 Rigid ceiling directl	eathing direct ) oc purlins: 3- y applied or 1	ly applied or 3-6-5 o -4. 0-0-0 oc bracing.	c purlins, except end
Max U Max G	Jplift 4=-46 (LC 7), Grav 4=89 (LC 1),	6=-14 (LC 10) 5=63 (LC 3), 6=187 (LC 1)							
FORCES         NOTES         1)       Unbalanced roof live load         2)       Wind: ASCE 7-16; Vult=1 exterior zone and C-C Ex for reactions shown; Lum         3)       Provide adequate drainage         4)       This truss has been desige         5)       * This truss has been desige         5)       * This truss has been desige         6)       Provide mechanical connum         7)       Graphical purlin represent	(lb) - Max. Comp./Ma is have been conside 30mph (3-second gu terior(2E) zone; canti ber DOL=1.60 plate g to prevent water pr pined for a 10.0 psf bo igned for a live load or other members. ection (by others) of t tation does not depic	ax. Ten All forces 250 (lb) or less ex red for this design. st) Vasd=103mph; TCDL=6.0psf; BCI lever left and right exposed ; end vert rip DOL=1.60 onding. ttom chord live load nonconcurrent w of 20.0psf on the bottom chord in all a truss to bearing plate capable of withs t the size or the orientation of the purt	xcept when shown. DL=6.0psf; h=35ft; Cat. II tical left and right expose vith any other live loads. areas where a rectangle 3 standing 46 lb uplift at join lin along the top and/or b	l; Exp B; Enc d;C-C for me 3-06-00 tall b nt 4 and 14 lt ottom chord.	losed; MWFI mbers and fo y 2-00-00 wid o uplift at join	RS (envelope) orces & MWFRS de will fit between tt 6.			
							mun	NORTH CA	ROLINA
							Mund Inter	0427 1177/2 0427 0427 0427	68 024 DUT



Job	Tr	uss	Truss Type		Qty	Ply	MUNGO	HOME	S-RL	JSSEI	LL B ROOF		
72435093	E	J4T	Truss		1	1	Job Refe	aronco	(ontio	nal)			
UFP Mid Atlantic LL0	C, 5631 S. NC 6	2, Burlington, NC, Joy Perry		Run: 8.81 S Se	p 13 2024 Pi	I rint: 8.810 S	Sep 13 202	4 MiTek	Indust	ries, Ir	ic. Thu Nov 07 13	3:45:59	Page: 1
					ID:o0	)gqjaUba8U	9IIENfYsdfV	yDz9W-	49VN6	iXp5_v	5QNx_Rwl99qy8	Q726fAHXytQ	_bm9yLZsN
				-0-8-0 2-	1-12 <u>  3-6-5</u>   1-4-9 10-7	╡							
			0-11-8	$12^{12}$ $3x^{2}$ $2x_{3}$ $2$ $1$ $3$ $3$ $2x_{5}$	2x3 II 4 = 4 B2 B3 7 8 1.5x3 II	5 6 <del>8</del> 2x5=	1-6-13						
Plate Offsets (X, Y):	[3:0-0-	11,Edge]		0-1-12 <u>2-3-</u> 0-1-12	8   3-6-5  2   1-2-1	<u>3</u>							
Loading	(ps	sf) Spacing	2-0-0	CSI	DE	FL	in (lo	bc)  /	defl	L/d	PLATES	GRIP	
TCLL (roof) TCDL	20 10	.0 Plate Grip DOL .0 Lumber DOL	1.15 1.15	TC BC	0.14 Ver 0.14 Ver	t(LL) t(CT)	0.01 -0.01	7 >9 7 >9	999 999	240 180	MT20	244/190	
BCLL	0	.0* Rep Stress Incr	YES	WB	0.00 Hor	z(CT)	-0.01	5	n/a	n/a			
LUMBER TOP CHORD BOT CHORD WEBS REACTIONS	2x4 SP No.2 2x4 SP No.2 *E> 2x4 SP No.3 (Ib/size) Max Horiz Max Upliff Max Grav	<pre>xcept* B2:2x4 SP No.3     5=78/ Mechanical, (min.     9=187/0-3-8, (min. 0-1-8 z 9=66 (LC 10) t 5=-28 (LC 7), 6=-10 (LC     5=78 (LC 7), 6=-11 (LC 3)</pre>	0-1-8), 6=49/ Mechanical, (m ) 7), 9=-14 (LC 10)	ВІ тс вс	RACING DP CHORD DT CHORD	S v R	Structural woo erticals, and Rigid ceiling d	od sheat 2-0-0 oc lirectly a	hing di purlin pplied	rectly a s: 3-5. or 10-(	applied or 3-6-5 d	oc purlins, exce	pt end
FORCES	(lb)	- Max. Comp./Max. Ten A	l forces 250 (lb) or less exce	pt when shown.									
NOTES 1) Unbalanced r 2) Wind: ASCE exterior zone for reactions 3) Provide adeq 4) This truss ha 5) * This truss ha 5) * This truss ha 6) Bearing at joi surface. 7) Provide mect joint 9. 8) Graphical put	roof live loads ha 7-16; Vult=130n and C-C Exteric shown; Lumber quate drainage to s been designed as been designed and any oth int(s) 9 considers hanical connection rlin representation	ave been considered for this nph (3-second gust) Vasd=10 or(2E) zone; cantilever left ar DOL=1.60 plate grip DOL=1. or prevent water ponding. If for a 10.0 psf bottom chord ad for a live load of 20.0psf o ier members. Is parallel to grain value using on (by others) of truss to bea on does not depict the size of	design. )3mph; TCDL=6.0psf; BCDL= d right exposed ; end vertica 60 live load nonconcurrent with n the bottom chord in all area J ANSI/TPI 1 angle to grain for ring plate capable of withstar the orientation of the purlin a	=6.0psf; h=35ft; Cat. II I left and right exposed any other live loads. as where a rectangle 3 ormula. Building desig nding 28 lb uplift at joir along the top and/or bo	; Exp B; Enclo d;C-C for mer -06-00 tall by ner should ve nt 5, 10 lb upli ottom chord.	osed; MWFI nbers and fo 2-00-00 wie vrify capacit ft at joint 6 a	RS (envelope orces & MWF de will fit betv y of bearing and 14 lb upl	ə) FRS ween ift at					
									C	and the second s	ORTH CA	AROLINA SIONA AL 68 2024	anna minne
										in.	AWN	DU	5



Job	Truss		Truss Type		Qty	Ply	N	IUNGO H	IOMES-F	RUSSE	LL B ROOF		
72435093	EJ5		Truss		4	1	J	ob Refere	ence (opt	ional)			
UFP Mid Atlantic LL	C, 5631 S. NC 62, Bu	Irlington, NC, Joy Perry		Run: 8.81 S	Sep 13 202	24 Print: 8.8	10 S Sep	) 13 2024 N	/iTek Indu	stries, I	nc. Thu Nov 07 13	8:45:59	Page: 1
				0-5-5 -0-8-0 ∤ ↓ ↓ 0-8-0 0-5-5	<u>3-6-5</u> 3-1-0				D29E-11	עווייי		ga2332VN1304	K9JDYLZSW
				12 <sup>12</sup> NAILEE	NAILI	ED							
			0-11-6-4	3x4 ≠ 1.5x3 µ 21 1 6 8 1.5x3 µ		4	1-4-13						
				NAILE	D								
					NAILI	ΞD							
				ļ	3-6-5								
Plate Offsets (X, Y):	: [3:0-0-11,Ed	dge]											
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 20.0 10.0 0.0* 10.0	<b>Spacing</b> Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 NO IRC2021/TPI2014	CSI TC BC WB Matrix-MR	0.20 0.13 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	0.0 -0.0 0.0	in (loc) 01 5-6 01 5-6 02 4	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 13 lb	<b>GRIP</b> 244/190 FT = 20%	
					BRACING						, , , , , , , , , , , , , , , , , , ,		
TOP CHORD BOT CHORD WEBS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3				TOP CHOP		Struct vertica Rigid	tural wood als, and 2-0 ceiling dire	sheathing )-0 oc purl ctly applie	directly lins: 3-4 ed or 10-	applied or 3-6-5 o -0-0 oc bracing.	c purlins, exce	ept end
REACTIONS	(Ib/size) 4 6 Max Horiz 6 Max Uplift 4 Max Grav 4	E=91/ Mechanical, (min. E=195/0-3-8, (min. 0-1-8 E=36 (LC 26) E=-44 (LC 5), 6=-43 (LC E=93 (LC 22), 5=64 (LC	0-1-8), 5=46/ Mechanical, (r ) 8) 3), 6=195 (LC 1)	nin. 0-1-8),									
FORCES NOTES 1) Unbalanced 2) Wind: ASCE exterior zone 3) Provide aded 4) This truss he 5) * This truss f the bottom c 6) Provide mec	(lb) - Ma roof live loads have b 57-16; Vult=130mph ( e; cantilever left and ri quate drainage to pre- as been designed for has been designed for hord and any other m chanical connection (b	x. Comp./Max. Ten A leen considered for this 3-second gust) Vasd=11 ght exposed ; end vertic vent water ponding. a 10.0 psf bottom chord r a live load of 20.0psf o embers. y others) of truss to bea	Il forces 250 (Ib) or less exce design. 03mph; TCDL=6.0psf; BCDL cal left and right exposed; Lu live load nonconcurrent with on the bottom chord in all are wring plate capable of withsta	ept when shown. =6.0psf; h=35ft; Cat mber DOL=1.60 pla any other live loads as where a rectangle nding 44 lb uplift at j	t. II; Exp B; I te grip DOL s. e 3-06-00 ta joint 4 and 4	Enclosed; M =1.60 II by 2-00-00 -3 Ib uplift at	WFRS (i ) wide w joint 6.	envelope) ill fit betwe	en				
<ol> <li>Graphical put</li> <li>"NAILED" ind</li> <li>In the LOAD</li> <li>LOAD CASE(S)</li> <li>Dead + Rod</li> </ol>	urlin representation do dicates Girder: 3-10d CASE(S) section, loa Standard of Live (balanced): Lui	es not depict the size o (0.148" x 3") toe-nails p ads applied to the face o mber Increase=1.15, Pla	r the orientation of the purlin per NDS guidelines. If the truss are noted as from ate Increase=1.15	along the top and/o	r bottom cho	ord.							
Uniform Loa	ads (lb/ft) Vert: 1-2=-60, 2-3 ed Loads (lb) Vert: 8=-18 (F), 9	8=-20, 3-4=-60, 5-6=-20 =-12 (F)										11.00	
		.,							C	and and and and	SEA OR OF ESS 0427 11772 CHANNE	AROLINA NOVAL E 2024	anna annana
This design is base is responsibility of t codes and ordinan fabricated by a UFI for general guidance	ed upon parameters s the Building Designer ices. Building Designe PI plant. Bracing sho ce regarding storage,	hown, and is for an indi . Building Designer sha er accepts responsibility wn is for lateral support erection and bracing av	vidual building component to II verify all design information of the correctness or accur of truss members only and of ailable from SBCA and Trus	be installed and loa n on this sheet for co acy of the design inf does not replace ere s Plate Institute.	aded vertical onformance formation as ection and pe	ly. Applicab with conditions it may relate ermanent brack	ility of do ons and e to a sp acing. R	esign parar requiremer becific build efer to Buil	meters and hts of the s ling. Certif lding Com	d prope specific ication i ponent	r incorporation of c building and gover is valid only when t Safety Information	omponent ning truss is (BCSI)	围















for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.

Job	Truss	Truss Type		Qty	Ply	MUNGO HOM	IES-RUSSE	LL B ROOF		
72435093	SJ1	Truss	Truss		6 1 <sub>Job</sub>		lob Reference (optional)			
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC	, Joy Perry	Run: 8.81 S Sep	13 2024 Pri	int: 8.810 S \$	Sep 13 2024 MiTe	k Industries, I	nc. Thu Nov 07 13:	45:59 Page: 1	
				ID:Y	T2873mzijxg	64fr8xnZDryDzAS	S-YM2lKtpjlDD	H?4ZdUTgOM9gd	XSUMvkn564k9JbyLZsM	
			-0-8-0	<u>2-0-0</u> 2-0-0						
		0-6-13		5 <sup>12</sup> 3x6 II II B1	3 3 1 1 4	1-4-13				
Plate Offsets (X, Y): [2:	Edge,0-1-4], [2:0-1-8,	0-5-4]	3x4 =	2-0-0						
Loading	(psf) Spacing	2-0-0	CSI		۳ <b>ـ</b>	in (loc)	I/defl L/d	PLATES	GRIP	
TCDL	20.0Plate Grip10.0Lumber D	OL 1.15 OL 1.15	BC	0.04 Vert 0.04 Vert	(LL) (CT)	0.00 4-7 : 0.00 4-7 :	>999 240 >999 180	MTZU	244/190	
BCLL BCDL	0.0* Rep Stres 10.0 Code	ss Incr YES IRC2021/TPI2014	WB Matrix-MP	0.00 Horz	z(CT)	0.00 2	n/a n/a	Weight: 8 lb	FT = 20%	
LUMBER TOP CHORD 2x4 SP No.: BOT CHORD 2x4 SP No.: WEDGE Left: 2x4 SF	2 2 9 No.2		BRA TOP BOT	CING CHORD CHORD	Str Rig	ructural wood shea gid ceiling directly	athing directly applied or 10-	applied or 2-0-0 oc 0-0 oc bracing.	purlins.	
REACTIONS (Ib/siz Max Max Max Max Max FORCES NOTES 1) Wind: ASCE 7-16; Vult= exterior zone and C-C E: for reactions shown; Lur 2) This truss has been desi the bottom chord and an 4) Provide mechanical conr joint 4.	ze) 2=126/0-3-8, Mechanical, ( Horiz 2=43 (LC 10) Jplift 2=-22 (LC 10) Jplift 2=-22 (LC 10) (lb) - Max. Comp./Ma 130mph (3-second gu tetrior(2E) zone; canti iber DOL=1.60 plate g gned for a live load of y other members. hection (by others) of t	(min. 0-1-8), 3=45/ Mechanical, (min. 0- min. 0-1-8) ), 3=-24 (LC 10), 4=-2 (LC 10) , 3=45 (LC 1), 4=34 (LC 3) ax. Ten All forces 250 (Ib) or less exce st) Vasd=103mph; TCDL=6.0psf; BCDL ilever left and right exposed ; end vertica grip DDL=1.60 of 20.0psf on the bottom chord in all are truss to bearing plate capable of withsta	-1-8), 4=28/ ept when shown. .=6.0psf; h=35ft; Cat. II; E al left and right exposed;C any other live loads. as where a rectangle 3-00 nding 24 lb uplift at joint 3	xp B; Enclo -C for mem 5-00 tall by 3, 22 lb uplif	sed; MWFR bers and for 2-00-00 wide t at joint 2 ar	S (envelope) rces & MWFRS e will fit between nd 2 lb uplift at				
							and	SEA 04276 04276 04276 04276 04276 04276 04276 04276	ROUNS Wat B 024	



72435093     SJ2     Truss     2     1     Job Reference (optional)       UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry     Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Thu Nov 07 13:46:00 ID:RFHfzzpTmxReabycNnrVOhyDzAO-YM2IKtpjIDDH?4ZdUTgOM9gdSSUEv	Page: 1 I564k9JbyLZsM
UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Thu Nov 07 13:46:00 ID:RFHfzRpTmxR6ahycNnrVOhyDzAO-YM2lKtpjIDDH?4ZdUTgOM9gdSSUEv	Page: 1 1564k9JbyLZsM
ID:RFHfzRpTmxR6ahycNnrVOhyDzAO-YM2lKtpjiDDH?4ZdUTgOM9gdSSUEv	564k9JbyLZsM
2-0-0	
5 -	
$\frac{1}{4}$ $\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{1}$ $\frac{1}{4}$ $\frac{1}{4}$	
3x4 =	
Plate Offsets (X, Y): [1:Edge,0-1-4], [1:0-1-8,0-5-4]	
Loading (psf) Spacing 2-0-0 CSI DEFL in (loc) I/defl L/d PLATES GRIP	
TCLL (roof)         20.0         Plate Grip DOL         1.15         TC         0.04         Vert(LL)         0.00         3-6         >999         240         MT20         244/1           TCDL         10.0         Lumber DOL         1.15         BC         0.05         Vert(CT)         0.00         3-6         >999         180	0
BCLL         0.0*         Rep Stress Incr         YES         WB         0.00         Horz(CT)         0.00         1         n/a         N/a           BCDI         10.0         Code         IBC2021/TPI2014         Matrix-MP         Weight: 7 Ib         FT -	1%
LUMBER     BRACING       TOP CHORD     2x4 SP No.2     TOP CHORD     Structural wood sheathing directly applied or 2-0-0 oc purlins	
BOT CHORD     2x4 SP No.2     BOT CHORD     Rigid ceiling directly applied or 10-0-0 oc bracing.       WEDGE     Left: 2x4 SP No.2     Extended or 10-0-0 oc bracing.	
REACTIONS         (Ib/size)         1=80/0-3-8, (min. 0-1-8), 2=48/ Mechanical, (min. 0-1-8), 3=31/	
Max Horiz $1 = 33$ (LC 10)	
Max Uplift 1=-5 (LC 10), 2=-25 (LC 10), 3=-3 (LC 10) Max Grav 1=80 (LC 1), 2=48 (LC 1), 3=35 (LC 3)	
FORCES (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown.	
NOTES 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp B; Enclosed; MWFRS (envelope)	
exterior zone and C-C Exterior(2E) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60	
<ul> <li>2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between</li> </ul>	
<ul> <li>the bottom chord and any other members.</li> <li>Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 25 lb uplift at joint 2, 3 lb uplift at joint 3 and 5 lb uplift at</li> </ul>	
joint 1.	
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OFFESSION	Vite
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WN B. O	N



























Job	Truss		Truss Type			Qty		Ply	MUNGO HOMES-RUSSE	ELL B ROOF		
72435093	V7		Truss		1 <b>1</b> Job F		1	Job Reference (optional)	bb Reference (optional)			
UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry Run: 8.81					Run: 8.81 S Sep	2013 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Thu Nov 07 13:46:01 Page: 1						
ID:fuDMbF5Tfp?U?dyGQuIfVFyDzBJ-UkAWkYr_HqT_EOi0cujsSamylG8uNeHOZNDFNUyLZsK												
					11	1 1 1	1	2 11 -	7			
					1-1	1-11	1	1-11-1	1			
							3x4	-				
					10		2					
			$\rightarrow$		7							
			-2-1			T		T1	x			
				~			E		3			
			Ó				$\times$					
					3x4	4		Зx	4			
					<u> </u>		3-11-	-7				
Plate Offsets (X, Y): [2:	0-2-0,Edge]											
Loading	(psf) Si	pacing		2-0-0	CSI		DEF	L	in (loc) l/defl L/d	PLATES	GRIP	
TCLL (roof)	20.0 Pl	late Grip DOL		1.15	TC	0.12	Vert(	LL)	n/a - n/a 999	MT20	244/190	
BCLL	10.0 Lu 0.0* Re	ep Stress Incr		1.15 YES	WB	0.10	Horiz	rl) z(TL)	n/a - n/a 999 0.00 3 n/a n/a			
BCDL	10.0 Co	ode	IRC2021/TPI	2014	Matrix-MP					Weight: 11 lb	FT = 20%	
	-				BR			0.				
BOT CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2	2 2				BO	CHORD         Structural wood sheathing directly applied or 3-11-7 oc purl           T CHORD         Rigid ceiling directly applied or 10-0-0 oc bracing.					c purlins.	
REACTIONS (lb/siz	ze) 1=15	8/3-11-7, (min. 0-1-8)	), 3=158/3-11-7, (mir	n. 0 <b>-1-</b> 8	)							
Max	Horiz $1=-26$ Uplift $1=-22$	2 (LC 8) 2 (LC 10), 3=-22 (LC	11)									
	(lb) - Max. C	omp./Max. Ten All	forces 250 (lb) or les	s exce	pt when shown.							
NOTES	1-2500/12	5										
1) Unbalanced roof live load	ds have been	considered for this d	esign. 3mph: TCDI –6 0psf:	BCDL	-6 Opef: h-35ft: Cat II:	Evn B.	Enclo	ad MWFR	S (envelope)			
exterior zone and C-C Ex for reactions shown: Lurr	xterior(2E) zor	ne; cantilever left and 0 plate grip DOL=1.6	d right exposed ; end	vertica	I left and right exposed;	C-C fo	r mem	bers and fo	rces & MWFRS			
<ol> <li>Gable requires continuou</li> <li>This truss has been desired</li> </ol>	us bottom cho	rd bearing.	ve load nonconcurre	nt with	any other live loads							
<ul> <li>5) * This truss has been deal</li> <li>the bottom chord and and</li> </ul>	signed for a liv	ve load of 20.0psf on	the bottom chord in	all area	as where a rectangle 3-0	06-00 ta	all by 2	2-00-00 wid	e will fit between			
the bottom chord and any other members. 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 1 and 22 lb uplift at joint 3.												
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	SOFESSION A										ONA	
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										A PARA	×	

