

is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute

Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72500436	A1	Truss	1	2	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. Tue Jan 07 11:49:19 Page: 2 ID:a?q6?71yTv6SHVH?OIZqv2z8gqv-kxPSmOuvxXX3yeUkAnOgssX?cbSHQ_aJ78Utpczxmdk

Concentrated Loads (lb)

Vert: 26=-135 (B), 27=-118 (B), 28=-118 (B), 29=-118 (B), 30=-118 (B), 31=-118 (B), 32=-118 (B), 33=-118 (B), 34=-118 (B), 35=-118 (B), 36=-118 (B), 36=-118 (B), 36=-118 (B), 36=-118 (B), 36=-118 (B), 40=-118 (B), 41=-118 (B), 42=-118 (B), 43=-118 (B), 44=-118 (B), 45=-135 (B)



















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

Job	Т	russ			Truss T	уре			Qty		Ply	MUN	GO HO	MES - ⁻	TELFA	RAR	DOF			
72500436	A	8T			Truss					1	2	Joh R	Reference	ce (onti	onal)					
UFP Mid Atlantic LL	LC, 5631 S. NC (62, Bui	lington, NC, Joy	Perry			Ru	un: 8.81 \$	S Sep 13 2	024 Pr	int: 8.810 \$	3 Sep 13	2024 Mi	Tek Indu	stries, Ir	nc. Tue J	lan 07 1	1:49:23		Page: 1
									ID	a?q6?	71yTv6SH	VH?OIZq	v2z8gqv	-8W5bO	QwoDS	wdp5DJr	vxNUU	9gwoVz	dHZlp6iXQ	wzxmdh
	<u>∤ 7</u> ∤ 7	<u>-0-12</u> -0-12	+	<u>11-0-0</u> 3-11-4	<u></u> ł	<u>18-1-12</u> 7-1-12		<u>ł</u>	<u>23-10-4</u> 5-8-8 42-0-0	ł	25-10-4 2-0-0	<u>31-</u> 5-1	- <u>0-0</u> -12		<u>35-4-4</u> 4-4-4	<u>⊦</u> ∤	<u>39-</u> 4-	<u>10-4</u> 6-0	42-0-0 2-1-12	43-0-0 <u>2</u> 1-0-0 →
+ 5-3-8 + 5-3-8 ++	1 HW1 30 5x5= LUS; 7 7		5 ¹² 2 2 31 3 2 3 2x5 II 1526 LUS26 L	B1 33 LUS26 I 4-1-0	5x8 = 3 W3 3422 5x5= US26	↓ ↓ 35 36 LUS26 LUS26 <u>18-1-12</u> 7-0-0	2: T2 V 2137 2 5x8= 5: LUS26 L	x3 II 4 V3 2088 x8= .US26 L	3x6= 5 1 1 1 1 1 1 1 1 2 3940 1 1 23940 1 1 23940 1 1 23940 1 1 5-8-8	5x 6 41 5:: 5::	8= 2x5 7 3W6 B3 42 8= 2x5 5 LUS26 26-0-0 2-1-12	" 12 18 43&1 7x8= " LUS26 30- 4-1	10-4	5x8= 8 W9 1645 5x5= LUS26	46 LUS20 35-4-4 4-6-0	3x4. 9 W1 B4 15 5x5 6 LUS2	3 1 4 5= 26 LUS 39 4-	W12 7 1 3x6= 526 LU -8-8 4-4	3x5 _≈ 10 2x5 ± 225 12 2x5 ± 225 12 2x5 ± 22 2x5 ± 22 2-3-8	11 12 11 12 12 12 13 12 14 12 14 12 14 12 14 12 14 12 14 12 14 12 15 12 1
Plate Offsets (X, Y)): [3:0-3	-0,0-2-	8], [8:0-3-0,0-2-8	B], [10:0- ⁻	1-8,0-1-8], [17:0-2-12,0-4-	01													
Loading TCLL (roof) TCDL BCLL BCDL	(r 2 1	osf) 0.0 0.0 0.0* 0.0	Spacing Plate Grip DOI Lumber DOL Rep Stress Inc Code	L	IR	2-0-0 1.15 1.15 NO C2015/TPI2014	CSI TC BC WB Matrix-M	SH	0.35 0.63 0.54	DEF Verte Verte Horz	L (LL) (CT) :(CT)	in 0.07 -0.09 0.03	(loc) 20-22 20-22 11	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATE: MT20 Weight:	S 540 lb	GR 244 FT	IP /190 = 20%	
LUMBER TOP CHORD BOT CHORD WEBS WEDGE	2x4 SP No.2 2x6 SP No.2 *E 2x4 SP No.3 Left: 2x4 SP No Right: 2x4 SP No	Except* 0.2 No.2	B3:2x4 SP No.3	3, B5:2x4	SP No.2	2			BRACING TOP CHO BOT CHO	3 DRD DRD	S 2 R	tructural -0-0 oc p tigid ceilir	wood sh urlins (6- ng directl	eathing o 0-0 max y applieo	directly a .): 3-8. d or 6-0-	opplied o 0 oc brae	r 6-0-0 cing.	oc purlir	ns, except	
REACTIONS	(Ib/size) Max Hor Max Upli Max Gra (Ib	1= (n iz 1= ft 1= v 1=) - Max	=1185/0-3-8, (mi nin. 0-2-5) =-95 (LC 13) =-499 (LC 8), 11 =1237 (LC 19), 1	in. 0-1-8) =-258 (Lu I 1=737 (L I n - All f	11=714 C 9), 19= .C 20), 1	/0-3-8, (min. 0-1- 2057 (LC 5) 9=3950 (LC 17) 0 (lb) or less exc.	8), 19=390	9/0-3-8, hown												
TOP CHORD BOT CHORD WEBS	1-: 1-: 21 16 2-: 9-	2=-211 30=-86 -37=-6 -45=-3 23=-12 15=-21	2/945, 2-3=-143 7/1871, 30-31=- 15/1373, 20-37= 11/915, 45-46=- 0/404, 2-22=-77 0/571, 6-17=-42	6/771, 3- 867/187 615/137 311/915, 3/342, 3- 9/947, 8-	4=-311/2 , 31-32= '3, 20-38 15-46=- 22=-537/ 17=-179	298, 4-5=-311/29 -867/1871, 23-32 =-1842/894, 38-3 311/915, 15-47=- /985, 3-20=-1297 1/830, 10-15=-97	8, 5-6=-311 2=-867/187 39=-1842/8 664/1887, //572, 4-20= '9/355	//298, 6-7 1, 23-33 94, 39-40 47-48=-6 =-438/21	7=-557/144 =-867/1871 0=-1842/89 664/1887, 1 6, 6-20=-13	3, 7-8= , 33-34 4, 40-4 4-48=- 67/263	-545/1421, -=-867/187 1=-1842/8 664/1887 31, 6-19=-2	, 9-10=-1 1, 22-34= 94, 19-41 ?748/1380	021/438, =-867/18 1=-1842/8 0, 17-19=	10-11=- 71, 22-35 394, 19-4 1651/77	1137/42 5=-615/1 42=-306 72, 8-16	8 373, 35 /169, 18 =-480/90	-36=-61 -42=-30)8, 9-16	5/1373, 6/169, 1 ≔-1049/	21-36=-61; 1-13=-337/ 466,	5/1373, /967,
NOTES 1) 2-ply truss to Top chords Bottom chords Web connet 2) All loads are have been p 3) Unbalanced 4) Wind: ASCE exterior zon 5) Provide ade 6) This truss the bottom chords 7) * This truss the bottom chords 8) Provide mean uplift at joint 9) This truss is TPI 1. 10) Graphical print. 11) Use Simpsce end to 39-4. 12) Fill all nail h LOAD CASE(S) 1) 1) Dead + Ro Uniform Lo Concentrat	to be connected a connected as fo rds connected as ted as follows: 2 e considered equi- e considered equi- to of live loads h E 7-10; Vult=130 re; cantilever left quate drainage has been designe has been designe tord and any of chanical connect t 11. s designed in acc urlin representat on Strong-Tie Loads Standard of Live (balance- poads (lb)(th) Vert: 1-3=-6 ted Loads (lb)	sogeth llows: 2 follow 2x4 - 1 lally ap- boute or poute or mph (3 and rig to prev for prev fo	er with 10d (0.13 2x4 - 1 row at 0-1 3x2 - 1 row at 0-1 3x2 - 1 row at 0-1 3x2 - 2 rows s row at 0-9-0 oc. opplied to all plies, hy loads noted a been considered f i-second gust) V ht exposed ; en- ent water pondir 10.0 psf bottom a live load of 20 embers. or others) of truss ce with the 2015 es not depict the -10d Girder, 3- 10d Girder, 3- not depict the nober Increase=1. =-60, 8-12=-60,	11"x3") na 9-0 oc. staggeree, , except i so (F) or this de asd=103 d vertical 9. o chord liv. .0psf on to bearir Internati size or tl 0d Truss oottom ch nber. .15, Plate 18-24=-2	ils as fol d at 0-9-(f noted a B), unles isign. mph; TC left and e load no the botto ag plate o ponal Res ne orient: , Single F ord. e Increas 0, 13-27:	lows:) oc, 2x4 - 1 row s is front (F) or bac so otherwise indic DL=6.0psf; BCDI right exposed; Lu onconcurrent with m chord in all are capable of withsta idential Code sec ation of the purlin Ply Girder) or equ e=1.15 =-20, 14-17=-20	at 0-9-0 oc. k (B) face in ated. _=6.0psf; h- imber DOL n any other any	n the LO. =35ft; Ca =1.60 pla live load a rectang lb uplift a 2.11.1 an top and/c aced at 2:	AD CASE(at. II; Exp B ate grip DC ds. Je 3-06-00 at joint 1, 2(nd R802.10. or bottom cl -0-0 oc max	S) secti Enclo L=1.60 tall by 2 157 lb t 2 and 1 nord. . starti	ion. Ply to p sed; MWFf 2-00-00 wid uplift at join referenced ng at 2-7-1	bly conne RS (enve de will fit l t 19 and standard 2 from th	ections lope) between 258 lb I ANSI/ he left	J	and a state of the	JOHN	SE OZS	EAL PRE	514 1 4 5 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1	A MANUNANT AND AND A MANUNANT AND
is responsibility of codes and ordinar fabricated by a UF for general guidan	the Building Des nces. Building D FPI plant. Bracin nce regarding sto	signer. esigne g shov rage. e	Building Design r accepts respon vn is for lateral se erection and brac	ner shall nsibility fo upport of cing avail	verify all or the cor truss me able fron	design informatio rectness or accu embers only and n SBCA and Trus	n on this sl racy of the does not re s Plate Ins	heet for o design ir place ere titute.	nformation and	e with as it ma permar	conditions ay relate to nent bracing	and requi a specifi g. Refer	c building to Building	of the sp g. Certific ng Comp	cation is	uilding a valid on afety Inf	nd gove ly when ormatio	truss is n (BCSI)	劉

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Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF
72500436	A8T	Truss	1	2	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. Tue Jan 07 11:49:23 Page: 2

ID:a?q6?71yTv6SHVH?OIZqv2z8gqv-8W5bOQwoDSwdp5DJrvxNUU9gwoVzdHZlp6iXQwzxmdhVert: 15=-118 (F), 30=-135 (F), 31=-118 (F), 32=-118 (F), 33=-118 (F), 34=-118 (F), 35=-118 (F), 36=-118 (F), 37=-118 (F), 38=-118 (F), 39=-118 (F), 40=-118 (F), 41=-118 (F), 42=-118 (F), 43=-118 (F), 44=-118 (F), 45=-118 (F),





Job	Truss	Truss Type		Qty	Ply	MUNG	O HOMES	- TELF	AIR A ROOF	
72500436	EJ1	Truss		3						
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Joy Pe	erry	Run: 8.81 S	Sep 13 202	4 Print: 8.81	JOD Re 10 S Sep 13 2	ererence (op 2024 MiTek In	dustries,	Inc. Tue Jan 07 11	:49:23 Page: 1
				ID:	a?q6?71yTv	6SHVH?OIZ	qv2z8gqv-cifz	cmxQ_r	2URFnWPdSc0iiu	XCytMsAu1mS4yNzxmdg
			0-5-15 -1-0-0 ∤ + + 1-0-0 0-5-15 ↓ 12 ¹² NAILEI	<u>4-0-0</u> 3-6-1 <u>4-0-0</u> NAILEE						
		1-10-14	3x4 = 2x3 µ 2 1 6 8 1.5x3 Ⅱ	12 	1.5x3 II 4 W2 5 1.5x3 II	× 2-9-1				
			NAILEI	D						
				NAILE)					
			<u> </u>	4-0-0	\rightarrow					
Plate Offsets (X, Y): [3:	0-0-11,Edge]									
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 1.15 NO IRC2015/TPI2014	CSI TC BC WB Matrix-MR	0.16 0.14 0.00	DEFL /ert(LL) /ert(CT) Horz(CT)	in -0.01 -0.02 0.00	(loc) l/def 5-6 >999 5-6 >999 5 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 18 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 WEBS 2x4 SP No.1	2 2 3			BRACING TOP CHORI BOT CHORI))	Structural w verticals, ar Rigid ceiling	vood sheathin nd 2-0-0 oc pu g directly appl	g directly Irlins: 3-4 ied or 10	applied or 4-0-0 oc -0-0 oc bracing.	purlins, except end
WEBS 2x4 SP No.: REACTIONS (Ib/siz Max I Max I Max I Max I Max I Max I Max I Init struss has been desig Init I Init struss has been designed in TPI 1. Init struss has been designed in TPI 1. Init Intel DAD CASE(S) Standa Init of Case(S) Standa Init of Case(S) Standa Init of Case(S) Standa Init of Case(S) Standa	3 2e) 5=147/ Mechanical, Horiz 6=77 (LC 7) Uplift 5=-45 (LC 5), 6=-46 Grav 5=155 (LC 20), 6=24 (Ib) - Max. Comp./Max. Ten ds have been considered for 130mph (3-second gust) Vas left and right exposed ; end v ge to prevent water ponding. gned for a live load of 20.0f y other members. hection (by others) of truss to accordance with the 2015 In thation does not depict the si: d (0.148"x3") or 3-12d (0.148 action, loads applied to the fail ard heed): Lumber Increase=1.15 2=-60, 2-3=-60, 3-4=-60, 5-6= 0 (B), 7=0 (B), 8=-17 (B), 9=- ameters shown, and is for an Designer. Building Designer	imin. 0-1-8), 6=247/0-3-8, (min. (LC 8) 7 (LC 1) - All forces 250 (lb) or less exc this design. J=103mph; TCDL=6.0psf; BCD ertical left and right exposed; L ord live load nonconcurrent wit sf on the bottom chord in all ar bearing plate capable of withst ernational Residential Code se the or the orientation of the pufli "x3.25") toe-nails per NDS guid ce of the truss are noted as from , Plate Increase=1.15 -20 12 (B) individual building component t shall verify all design informati	0-1-8) ept when shown. L=6.0psf; h=35ft; Ca umber DOL=1.60 pla h any other live loads eas where a rectangl anding 46 lb uplift at ctions R502.11.1 and h along the top and/o lines. ht (F) or back (B).	bot chord t. II; Exp B; Ei the grip DOL= s. le 3-06-00 tall joint 6 and 45 d R802.10.2 a or bottom chor) hclosed; MV 1.60 by 2-00-00 Ib uplift at j nd referenc d.	Rigid ceiling VFRS (envelo wide will fit b joint 5. æd standard /	ppe) etween ANSI/	nd prope	-0-0 oc bracing.	AROLANA ALOHOT/AS PRESERVING

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Job	Truss		Truss Type		Qty		Ply	MUNGO	HON	1ES - T	TELFA	IR A ROOF		
72500436	EJ1T		Truss		1		1	Job Refe	rence	e (optic	onal)			
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlin	gton, NC, Joy Perry		Run: 8.81 S Se	p 13 202	24 Prii	nt: 8.810 S	Sep 13 202	4 MiT	ek Indus	stries, I	nc. Tue Jan 07 11	:49:23	Page: 1
				0-5-15	ID:	:a?q6′	?71yTv6Sł	IVH?OIZqv2	z8gq\	/-cifzcm	xQ_m2	2URFnWPdSc0iiup	Cx2MsAu1m	S4yNzxmdg
			+1-10-14+ +1-3-8+	$\begin{array}{c} 0.55-15 \\ -1-0-0 \\ 2-1-12 \\ 1 \\ 1-7-12 \\ 1-7-12 \\ 0-5-15 \\ -1-7-12 \\ 0-5-15 \\ -1-7-12 \\ 12^{12} \\ NAILED \\ 3x4 \\ 2x3 \\ 2x3 \\ 1 \\ $	2 4-0 3 1-1(0-0 AILED 5×3 II 4 2 8 3 4 2 5×3 II 4 5×3 II 4 5×3 II 4 5×3 II 4 5×3 II 4 5×3 II 4 5×3 II	1.5x3 1.5x3 1.5x3 1.5x3 1.5x3	= 6 = =							
				2-0-0 ² 2-0-0 0	2-3-8 -3-8 -8	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
Plate Offsets (X, Y): [3:	0-0-11,Edge]												
Loading TCLL (roof) TCDL BCLL	(psf) S 20.0 F 10.0 L 0.0* F	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.15 1.15 NO	CSI TC BC WB	0.15 0.19 0.00	DEFL Vert(L Vert(C Horz(- _L) CT) [CT)	in (lo -0.01 -0.01 0.00	c) 7 8 6	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20	GRIP 244/190	
BCDL	10.0 C	Code	IRC2015/TPI2014	Matrix-MR								Weight: 19 lb	FT = 20%	
LUMBER TOP CHORD 2x4 SP No. BOT CHORD 2x4 SP No. WEBS 2x4 SP No. REACTIONS (lb/siz Max l Max l	2 2 *Except* B2 3 ze) 6=14 Horiz 9=66 Uplift 6=-4 Grav 6=15	2:2x4 SP No.3 46/ Mechanical, (min. / 6 (LC 5) 14 (LC 5), 9=-47 (LC 8 54 (LC 20), 9=248 (LC	0-1-8), 9=248/0-3-8, (min. () : 1)	BR TO BO 9-1-8)	ACING P CHOR T CHOR	RD RD	St ve Ri	ructural woo erticals, and 2 gid ceiling di	d she 2-0-0 o rectly	athing d oc purlir applied	lirectly ns: 3-5. or 10-	applied or 4-0-0 oc	purlins, exc	ept end
FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-10; Vult= exterior zone; cantilever 3) Provide adequate draina 4) This truss has been desi 5) * This truss has been desi 5) * This truss has been desi 6) Provide mechanical com 7) This truss is designed in TPI 1. 8) Graphical purlin represer 9) *NAILED* indicates 3-100 10) In the LOAD CASE(S) set LOAD CASE(S) Standa 1) Dead + Roof Live (balar Uniform Loads (lb/ft) Vert: 1-2 Concentrated Loads (b) Vert: 3=	(lb) - Max. C ds have been 130mph (3-se left and right ge to preven gned for a 10 signed for a 10 y other meml hection (by ot accordance 1 htation does i d (0.148"x3") ection, loads rd hced): Lumbe 2=-60, 2-3=-6) 0 (F), 8=-12 (Comp./Max. Ten All in considered for this di- econd gust) Vasd=103 exposed ; end verticat t water ponding. D0 psf bottom chord lif live load of 20.0psf on bers. D0 psf bottom chord lif live load of 20.0psf on bers. 0 or 3-12d (0.148"x3.22 applied to the face of er Increase=1.15, Plat 50, 3-5=-60, 8-9=-20, 6 (F), 4=0 (F), 10=-17 (F	forces 250 (lb) or less exce esign. Imph; TCDL=6.0psf; BCDL I left and right exposed; Lu ve load nonconcurrent with the bottom chord in all area ing plate capable of withstal ional Residential Code sec he orientation of the purlin 5") toe-nails per NDS guidil the truss are noted as front e Increase=1.15 3-7=-20 5)	pt when shown. =6.0psf; h=35ft; Cat. II; mber DOL=1.60 plate gr any other live loads. as where a rectangle 3-1 nding 47 lb uplift at joint ions R502.11.1 and R8 along the top and/or bot nes. (F) or back (B).	Exp B; E rip DOL= 9 and 4 02.10.2 ; ttom cho	Enclos =1.60 II by 2 4 Ib up and re ord.	ed; MWFR	S (envelope e will fit betw 6. standard ANS) eeen SI/	J.	The second secon	SE OFFIN OFFIN OFFIN OFFIN M.	AROLIN ALONGT/A PRESIE	A MARINA MARINA
This design is based upon para is responsibility of the Building codes and ordinances. Building fabricated by a UFPI plant. Bra for general guidance regarding	meters show Designer. Bu g Designer a acing shown i storage, ere	vn, and is for an individuilding Designer shall accepts responsibility for is for lateral support of ction and bracing avait	dual building component to verify all design information or the correctness or accura f truss members only and d lable from SBCA and Truss	be installed and loaded on this sheet for confo acy of the design inform oes not replace erection s Plate Institute.	verticall rmance ation as n and pe	ly. Ap with c it may ermane	plicability of onditions a y relate to ent bracing	of design par and requirem a specific bu . Refer to B	amete ents c ilding. uilding	ers and of the sp Certific g Compo	proper becific to ation is onent \$	incorporation of co pullding and govern valid only when tr Safety Information	omponent ning russ is (BCSI)	围

Job	Truss	Truss Type		Qty	Ply	MUNGO HOM	MES - TE	LFAI	IR A ROOF	
72500436	EJ2	Truss		3	1	Job Reference	e (option	al)		
UFP Mid Atlantic LLC, 5631 S. N	C 62, Burlington, NC, Joy Perry		Run: 8.81 S Se	ep 13 2024 Pi	int: 8.810 S	Sep 13 2024 MiT	ek Industr	ies, In	nc. Tue Jan 07 11:4	19:24 Page: 1
				ID:a?	q6?71yTv65	HVH?OIZqv2z8g	gv-5uCLp	5y2l4	AL2PMiyK_rZvF3y	cJX5JQ2GQBeUpzxmdf
			<u>-</u> 1-0-0↓ 1-3-15↓ 1-0-0↓ 1-3-15↓	<u>4-0-0</u> 2-8-1						
			12 ¹²	4-0-0						
			3x4	4 =	1.5x3 ॥					
		2-8-14	3 2×3 II 2 J1 6	<u>5</u> 72 B1	4 W2 5	2-7-7				
			1.5x3 µ		1.5x3 II					
				4-0-0						
Plate Offsets (X, Y): [3:	0-0-11,Edge]									
Loading TCLL (roof) TCDL BCLL BCDI	(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 IRC2015/TPI2014	CSI TC BC WB Matrix-MR	0.19 Vert 0.11 Vert 0.00 Horz	:L (LL) - (CT) - z(CT)	in (loc) 0.01 5-6 0.01 5-6 0.00 5	l/defl >999 2 >999 1 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 20 lb	GRIP 244/190 ET = 20%
LUMBER TOP CHORD 2x4 SP No.3 BOT CHORD 2x4 SP No.3 WEBS 2x4 SP No.3	2 2 3		BR TC BC	ACING PP CHORD	Sti ve Rig	uctural wood she tricals, and 2-0-0 gid ceiling directly	eathing dire oc purlins: applied of	ectly a : 3-4. r 10-0	applied or 4-0-0 oc)-0 oc bracing.	purlins, except end
REACTIONS (Ib/siz Max I Max	ze) 5=138/ Mechanical, (min. Horiz 6=110 (LC 7) Uplift 5=-57 (LC 7), 6=-33 (LC 7)	. 0-1-8), 6=228/0-3-8, (min. 0 10))-1-8)							
 FORCES NOTES 1) Unbalanced roof live load 2) Wind: ASCE 7-10; Vult=' exterior zone and C-C Es for reactions shown; Lurr 3) Provide adequate draina 4) This truss has been desi 5) * This truss has been desi (6) Provide mechanical conr 7) This truss is designed in TPI 1. 8) Graphical purlin represer 	(lb) - Max. Comp./Max. Ten All ds have been considered for this of 130mph (3-second gust) Vasd=10 kterior (2) zone; cantilever left and: aber DOL=1.60 plate grip DOL=1. ge to prevent water ponding. gned for a 1ive load of 20.0psf or y other members. hection (by others) of truss to bear accordance with the 2015 Interna htation does not depict the size or	I forces 250 (Ib) or less exce design. (3mph; TCDL=6.0psf; BCDL: d right exposed ; end vertical 60 live load nonconcurrent with n the bottom chord in all area ring plate capable of withstar titional Residential Code sect the orientation of the purlin	pt when shown. =6.0psf; h=35ft; Cat. II; left and right exposed; any other live loads. as where a rectangle 3- nding 33 lb uplift at join tions R502.11.1 and R£ along the top and/or bc	Exp B; Enclo C-C for memil 06-00 tall by t 6 and 57 lb 0 302.10.2 and ttom chord.	sed; MWFR bers and for 2-00-00 wide uplift at joint referenced s	S (envelope) xes & MWFRS e will fit between 5. tandard ANSI/	P	11111 MILLION	DORTH C	ROLIN T
								WWW.	OHN M. F	RESLET



lab	Тгиро		Truco Tvo			Otv	Div						
	F 12T		- Tuss Typ	e				MON		JVIES -			
72500436	LJZI		Truss			1	1	Job	Referen	ice (opti	onal)		
UFP Mid Atlantic LLC, 5631 S.	NC 62, Bur	lington, NC, Joy Perry			Run: 8.81	S Sep 13 202	4 Print: 8.8 D:a?q6?7	10 S Sep 13 IvTv6SHVH	3 2024 M ?OIZqv2:	iTek Indu z8qqv-5u	stries, I CLp5v2	lnc. Tue Jan 07 1 2l4AL2PMiyK rZv	1:49:24 Page: 1 /F3tcJi5JQ2GQBeUpzxmdf
					-1-0-0 <u> 1-3-1</u> 1-0-01 1-3-1	2-1-12 5 / / 4 5 1 1- 0-9-13	<u>0-0</u> 10-4	-					
					/	4-0-0	+						
			2-8-14	1-3-8	3x3 II 2 71 1 9	3 4 3 4 B2 7 B1 8	1.5x3 5 W2 W2 B3 6 2x5=	- 1-11-7					
					1.5x3 II	2x5= 2-3-8 0-0 1 4 0-0 1 4 0-3-8	1.5x3 ı - <u>0-0</u> -8-8 1	I					
Plate Offsets (X, Y): [3	:0-0-11,Ed	ge]											
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	IRC2	2-0-0 1.15 1.15 YES 015/TPI2014	CSI TC BC WB Matrix-MR	0.19 0.10 0.00	DEFL /ert(LL) /ert(CT) Horz(CT)	in 0.01 -0.01 0.00	(loc) 7 7 6	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 22 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No	.2 .2 *Except* .3	B2:2x4 SP No.3			I	BRACING TOP CHOR BOT CHOR))	Structura verticals, Rigid ceil	l wood sh and 2-0-i ing direct	neathing o 0 oc purli tly applied	directly ns: 3-5. d or 10-	applied or 4-0-0 o 0-0 oc bracing.	oc purlins, except end
REACTIONS (Ib/s Max	ize) 6= Horiz 9=	=138/ Mechanical, (min. =99 (LC 7)	0-1-8), 9=228	3/0-3-8, (min.	0-1-8)								
Max	Uplift 6=	=-56 (LC 7), 9=-32 (LC	10) forese 250 (b) or loop over									
NOTES	(ID) - IVIA)	. comp./max. ren All	101Ces 250 (II	b) of less exce	ept when shown.								
 Unbalanced roof live loa Wind: ASCE 7-10; Vult= exterior zone and C-C E for reactions shown; Luu Provide adequate drain: This truss has been des * This truss has been ded the bottom chord and at Provide mechanical cor This truss is designed in TPI 1. Graphical purlin represe 	ads have be 130mph (3 ixterior (2) : mber DOL= age to prev igned for a ssigned for ny other me inection (by a accordance entation doe	een considered for this of t-second gust) Vasd=10 zone; cantilever left anc =1.60 plate grip DOL=1. ent water ponding. 10.0 psf bottom chord i a live load of 20.0psf or embers. or others) of truss to bear se with the 2015 Interna	design. 3mph; TCDL= 1 right exposed 60 live load nonc 1 the bottom c ring plate capa tional Resided the orientatio	=6.0psf; BCDL d ; end vertica oncurrent with shord in all are able of withsta ntial Code sec n of the purlin	=6.0psf; h=35ft; C I left and right expo n any other live load as where a rectany anding 32 lb uplift a stions R502.11.1 ar along the top and/	at. II; Exp B; E ssed;C-C for n ds. gle 3-06-00 tal t joint 9 and 5 nd R802.10.2 ; for bottom cho	hclosed; M embers an by 2-00-00 lb uplift at nd referen d.	WFRS (env. d forces & M) wide will fir joint 6. ced standar	elope) //WFRS t betweer d ANSI/	ı			
												WWWWWWW	CAROLEU
									/	J	A MANUNATION OF A STATE	SE OCHNY M.	AL DOMOTION PRESLET



Job	Truss	Truss Type		Qty	Ply	MUNGO HO	MES - TELF	AIR A ROOF	
72500436	EJ3	Truss		3	1	Job Reference	ce (optional)		
UFP Mid Atlantic LLC, 5631 S. N	INC 62, Burlington, NC, Joy Perry		Run: 8.81 S Se	o 13 2024 P	rint: 8.810 S	Sep 13 2024 Mi	Tek Industries,	Inc. Tue Jan 07 11:	49:24 Page: 1
				ID:a?	q6?71yTv6S	SHVH?OIZqv2z8	gqv-5uCLp5y2l	4AL2PMiyK_rZvF2L	JcJT5JQ2GQBeUpzxmdf
			<u>-1-0-0 , 2-1-15</u> 1-0-0 2-1-15	<u>4-(</u> 1-1	0-0 0-1				
			12	4-0-0 3x4 ≠	2x3 II				
		3-6-14	12 +2 3x3 II 11 2		w2	3-5-7			
			6 2x3 н	<u>B1</u>	1.5x3 II				
				4-0-0					
Plate Offsets (X, Y): [3:	0-2-0,Edge]								
Loading TCLL (roof)	(psf)Spacing20.0Plate Grip DOL	2-0-0 1.15	CSI TC	0.22 Ver	*L :(LL)	in (loc) -0.01 5-6	l/defl L/d >999 240	PLATES MT20	GRIP 244/190
TCDL BCLL	10.0 Lumber DOL 0.0* Rep Stress Incr	1.15 YES	BC WB	0.12 Ver 0.00 Hor	z(CT)	-0.01 5-6 0.00 5	>999 180 n/a n/a		
BCDL	10.0 Code	IRC2015/TPI2014	Matrix-MR					Weight: 21 lb	FT = 20%
LUMBER TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.3	2 2 3		BR/ TOF BO ⁻	ACING P CHORD F CHORD	St ve Ri	ructural wood sh erticals, and 2-0-0 gid ceiling directl	eathing directly) oc purlins: 3-4 ly applied or 10	applied or 4-0-0 oc I. -0-0 oc bracing.	purlins, except end
REACTIONS (Ib/siz Max H Max U	ze) 5=138/ Mechanical, (mir Horiz 6=142 (LC 7) Uplift 5=-75 (LC 7), 6=-29 (LC	n. 0-1-8), 6=228/0-3-8, (min. 0	D-1-8)						
FORCES	(lb) - Max. Comp./Max. Ten A	Il forces 250 (lb) or less exce	ept when shown.						
 NOTES Unbalanced roof live load Wind: ASCE 7-10; Vult=1 exterior zone and C-C Ex for reactions shown; Lum Provide adequate draina; This truss has been desig * This truss has been desig * This truss has been desig Provide mechanical comm Provide mechanical comm This truss is designed in TPI 1. Braphical purlin represent 	ds have been considered for this 130mph (3-second gust) Vasd=1 kterior (2) zone; cantilever left an bber 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 c y other members. hection (by others) of truss to bea accordance with the 2015 Intern- ntation does not depict the size o	design. 03mph; TCDL=6.0psf; BCDL d right exposed ; end vertical .60 live load nonconcurrent with in the bottom chord in all area aring plate capable of withstar ational Residential Code sect r the orientation of the purlin	=6.0psf; h=35ft; Cat. II; I I left and right exposed;C any other live loads. as where a rectangle 3-0 nding 29 lb uplift at joint tions R502.11.1 and R80 along the top and/or bot	Exp B; Enclo C-C for mem 06-00 tall by 6 and 75 lb 02.10.2 and tom chord.	osed; MWFR bers and for 2-00-00 wid uplift at joint referenced s	2S (envelope) ces & MWFRS e will fit between 5. standard ANSI/			
								minin	
							Jun	DORTH C	AROLIN P AL AL AL AL AL AL AL AL AL AL AL AL AL
								"IIIIII	minin



72500436 UFP Mid Atlantic LLC, 5631 S. N	EJ3T IC 62, Burlington, NC, Joy Perry	Truss Run: 8.81 S	1	1	Job Reference	o (ontional)		
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Joy Perry	Run: 8.81 S	0					
[Sep 13 2024 PI	int: 8.810 S	Sep 13 2024 MiT	ek Industries, I	nc. Tue Jan 07 11:4	19:24 Page: 1
			ID:a?	q6?71yTv6	SHVH?OIZqv2z8g	qv-5uCLp5y2l4	4AL2PMiyK_rZvF2c	cJZ5JQ2GQBeUpzxmdf
		-1-0-0 <u>-1-0-0</u> -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1	5 4-0-0 5 1-10-	1				
		}	4-0-0 5x4 ≠	1.5x3 II	Ň			
				₩2 5 2x5= 1.5x3 II	2-9-7			
		<u>2-0-0</u> 2-0-0	2-3-8 4-0-(1 1-8-1 0-3-8) 3 1				
Plate Offsets (X, Y): [3:0	0-1-12,0-2-8]		I					
Loading TCLL (roof)	(psf)Spacing20.0Plate Grip DOL	2-0-0 CSI 1.15 TC	0.21 Vert	' L (LL)	in (loc) 0.01 3	l/defl L/d >999 240	PLATES MT20	GRIP 244/190
TCDL BCLL	10.0 Lumber DOL 0.0* Rep Stress Incr	1.15 BC YES WB	0.11 Vert	(CT) 2(CT)	-0.01 3 0.00 5	>999 180 n/a n/a		
BCDL	10.0 Code	IRC2015/TPI2014 Matrix-MR		· /			Weight: 25 lb	FT = 20%
LUMBER TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.3 REACTIONS (lb/siz May t	2 2 *Except* B2:2x4 SP No.3 3 3 40riz = 8=131 (I C 7)	0-1-8), 8=228/0-3-8, (min. 0-1-8)	BRACING TOP CHORD BOT CHORD	St ve Ri	tructural wood she erticals, and 2-0-0 igid ceiling directly	eathing directly oc purlins: 3-4. applied or 10-	applied or 4-0-0 oc 0-0 oc bracing.	purlins, except end
Max L	Jplift 5=-74 (LC 7), 8=-28 (LC 7	10)						
FORCES	(lb) - Max. Comp./Max. Ten All	I forces 250 (Ib) or less except when shown.						
 Unbalanced roof live load Wind: ASCE 7-10; Vult=1 exterior zone and C-C Ex for reactions shown; Lumi Provide adequate drainag This truss has been desig * This truss has been desig brix truss has been desig the bottom chord and any Provide mechanical conn This truss is designed in z 	Is have been considered for this of 30mph (3-second gust) Vasd=10 terior (2) zone; cantilever left and ber DOL=1.60 plate grip DOL=1. ge to prevent water ponding. ned for a 10.0 psf bottom chord I signed for a live load of 20.0psf or y other members. lection (by others) of truss to bear accordance with the 2015 Interna	design. 13mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. 1 right exposed ; end vertical left and right expose 60 live load nonconcurrent with any other live loads. 1 the bottom chord in all areas where a rectangle ring plate capable of withstanding 28 lb uplift at jo utional Residential Code sections R502 11 1 and	II; Exp B; Enclo d;C-C for meml 3-06-00 tall by int 8 and 74 lb 1 8802 10 2 and	sed; MWFR bers and for 2-00-00 wid uplift at joint	RS (envelope) rces & MWFRS de will fit between t 5. standard ANSI/			
 TPI 1. B) Graphical purlin represent 	tation does not depict the size or	the orientation of the purlin along the top and/or	bottom chord.					
						hard	SEA 0250	ROLIN P AROLIN P AG7/45 RESIL



	-								
Job	Truss	Truss Type		Qty Ply	MUNC	GO HOMES - T	ELFA	IR A ROOF	
72500436	EJ4	Truss		3	1 Job R	eference (optic	onal)		
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Joy Perry		Run: 8.81 S S	ep 13 2024 Print: 8.	.810 S Sep 13 2	2024 MiTek Indus	stries, Ir	nc. Tue Jan 07 11	:49:24 Page: 1
				ID:a?q6?7	1yTv6SHVH?O	IZqv2z8gqv-5uC	Lp5y2l4	4AL2PMiyK_rZvF	29cIA5JQ2GQBeUpzxmdf
			-1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1-0-0 -1	1-15 [4-0-0] 1-15 11-0-11 4-0-0					
		4-14 1-3-8	12 3x3 II 2 0 4 1 6 2 x3 II	3x4 = 3 4 12 12 W2 W2 W2 1.5x 4-0-0	5				
Plata Offacta (X. X): [2:			1	1					
	ugej								
Loading TCLL (roof) TCDL BCLL BCDL	(psf)Spacing20.0Plate Grip DOL10.0Lumber DOL0.0*Rep Stress Incr10.0Code	2-0-0 1.15 1.15 YES IRC2015/TPI2014	CSI TC BC WB Matrix-MR	DEFL 0.24 Vert(LL) 0.14 Vert(CT) 0.00 Horz(CT)	in 0.01 -0.02 0.00	(loc) l/defl 5-6 >999 5-6 >999 5 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 23 lb	GRIP 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 H Max C FORCES	2 2 3 4 4 4 5 5 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5	0-1-8), 6=228/0-3-8, (min. 0 10) C 1) forces 250 (lb) or less excep	BF TC BC -1-8) of when shown.	RACING DP CHORD DT CHORD	Structural v verticals, a Rigid ceilin	vood sheathing d nd 2-0-0 oc purlir g directly applied	lirectly and the second s	applied or 4-0-0 o 0-0 oc bracing.	c purlins, except end
 NOTES Unbalanced roof live load Wind: ASCE 7-10; Vult=1 exterior zone and C-C Ex for reactions shown; Lum Provide adequate drainated This truss has been desig * This truss has been desig brovide mechanical conn Provide mechanical conn This truss is designed in TPI 1. Braphical purlin represent 	Is have been considered for this of 30mph (3-second gust) Vasd=10 terior (2) zone; cantilever left and ber DOL=1.60 plate grip DOL=1. ge to prevent water ponding, ned for a 10.0 psf bottom chord I signed for a live load of 20.0psf or other members. lection (by others) of truss to bear accordance with the 2015 Interna ttation does not depict the size or	design. 3mph; TCDL=6.0psf; BCDL= right exposed ; end vertical 60 ive load nonconcurrent with in the bottom chord in all area ing plate capable of withstan tional Residential Code secti the orientation of the purlin a	-6.0psf; h=35ft; Cat. II left and right exposed any other live loads. is where a rectangle 3 iding 17 lb uplift at join ions R502.11.1 and R along the top and/or bo	; Exp B; Enclosed; N ;C-C for members a I-06-00 tall by 2-00-(nt 6 and 98 lb uplift a 802.10.2 and refere ottom chord.	MWFRS (envel and forces & MV 00 wide will fit b at joint 5. anced standard	ope) NFRS hetween ANSI/			
						J	annum annum	SE OZS	AROLIN PRESIL



												
Job	Truss		Truss Type		Qty	Ply	MUN	GO HC	MES -	TELFA	AIR A ROOF	
72500436	EJ4T		Truss		1	1	Job R	eferen	ce (opti	onal)		
UFP Mid Atlantic LLC, 5	5631 S. NC 62, Bu	rlington, NC, Joy Perry		Run: 8.81	S Sep 13 2024 F	Print: 8.810	S Sep 13	2024 M	iTek Indu	stries,	Inc. Tue Jan 07	11:49:25 Page: 1
			4-4-14 +	-1-0-0 -1-0-0 1-0-0 1 -1-0-0 1 -1-0-0 1 -1 -1 -1 -1 -1 -1 -1 -1 -1	$\begin{array}{c} 4-0-0 \\ -12 \\ -12 \\ -12 \\ 0-10-3 \\ 1-0- \\ 4-0-0 \\ 1.5 \\ 3x4 \\ 2x3 \\ 1 \\ 2x3 \\ 4 \\ 2x3 \\ 1 \\ 8 \\ 9 \\ 3x4 \\ 2x3 \\ 1 \\ 8 \\ 9 \\ 3x4 \\ 2x3 \\ 1 \\ 8 \\ 9 \\ 3x4 \\ 3$) 1 ×3 ■ 2 2 2 2 2 2 2 2 2 2 2 2 2	~					
Plate Offsets (X, Y):	[4:0-0-11,Ed	lge]	<u> </u>	2x3 II	2x5= 1.5 4-0-0 -0 11 -0 11 0-3-8 1-8-8	x5= x3 II †						
Loading	(psf)	Spacing	2-0-0	CSI	DE	FL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.22 Ve	t(LL)	0.01	8	>999	240	MT20	244/190
BCLL	10.0 0.0*	Lumber DOL Rep Stress Incr	1.15 YES	BC WB	0.17 Ve 0.00 Ho	t(CT) rz(CT)	-0.01 -0.01	8 6	>999 n/a	180 n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MR		()					Weight: 26 lb	FT = 20%
LUMBER TOP CHORD 2x4 BOT CHORD 2x4 WEBS 2x4 REACTIONS	4 SP No.2 4 SP No.2 *Except* 4 SP No.3 (Ib/size) 6: Max Horiz 9: Max Uplift 6:	* B2:2x4 SP No.3 =138/ Mechanical, (min. =164 (LC 7) =-97 (LC 7), 9=-16 (LC 4	0-1-8), 9=228/0-3-8, (min. (0-1-8)	BRACING TOP CHORD BOT CHORD		Structural verticals, a Rigid ceilir	wood sh Ind 2-0-I Ig direct	neathing o 0 oc purli ly applied	directly ns: 4-5 d or 10-	applied or 4-0-1 0-0 oc bracing.	0 oc purlins, except end
FORCES	Max Grav 6:	=157 (LC 17), 9=228 (LC	C 1)	nt when shown								
 NOTES 1) Unbalanced roo 2) Wind: ASCE 7-1 exterior zone an for reactions sho 3) Provide adequait 4) This truss has the bottom chord 5) * This truss has the bottom chord 6) Provide mechan 7) This truss is des TPI 1. 8) Graphical purlin 	f live loads have be I0; Vult=130mph (3 id C-C Exterior (2) wm; Lumber DOL- te drainage to prev- een designed for a been designed for d and any other me- lical connection (by signed in accordan- representation door	een considered for this of 3-second gust) Vasd=10 zone; cantilever left and =1.60 plate grip DOL=1.1 rent water ponding. 10.0 psf bottom chord I a live load of 20.0psf or embers. y others) of truss to bear ce with the 2015 Interna es not depict the size or	lesign. 3mph; TCDL=6.0psf; BCDL right exposed ; end vertica 30 ive load nonconcurrent with the bottom chord in all are ing plate capable of withsta tional Residential Code sec the orientation of the purlin	=6.0psf; h=35ft; Cz I left and right expo any other live load as where a rectang nding 16 lb uplift at tions R502.11.1 an along the top and/	at. II; Exp B; Encl used;C-C for men ds. gle 3-06-00 tall by t joint 9 and 97 lb nd R802.10.2 and or bottom chord.	osed; MWF bers and for 2-00-00 w uplift at join referenced	FRS (enve orces & M ide will fit l nt 6. d standard	lope) WFRS betweer ANSI/	1			
									J	annum Sugar	TO PARTING STATES	CAROLINA BEIODEN SEAL 50467/45



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF						
72500436	EJ5	Truss		3	1	Job Reference	ce (optional)				
UFP Mid Atlantic LLC, 5631 S.	NC 62, Burlington, NC, Joy Perry		Run: 8.81 S	Sep 13 2024 P	rint: 8.810 S	6 Sep 13 2024 Mi	Tek Industries,	Inc. Tue Jan 07 11	1:49:25 Page: 1		
[ID:a?q6	6?71yTv6SH	IVH?OIZqv2z8gq	v-Z5mj0RzgWN	IICgZxuW2V467n	C8?euqmfBV4xB0Fzxmde		
			-1-0-0	3-9-15	4-0-0						
		,	1-0-01	3-9-15							
			<u>}</u>	4-0-0							
			I		3x3 II						
		5-2-14	3x3 u 2	12 ¹²	3 W2	3-8					
		+ +			4	8 - /-					
			3x3 II		1.5x3 I						
			<u>}</u>	4-0-0							
Loading	(psf) Spacing	2-0-0 C	SI	DEF		in (loc)	l/defl L/d	PLATES	GRIP		
TCLL (roof)	20.0 Plate Grip DOL	1.15 T	C	0.29 Ver	t(LL)	0.01 4-5	>999 240	MT20	244/190		
BCLL	0.0* Rep Stress Incr	YES W	VB	0.00 Hor	z(CT)	0.00 4	n/a n/a				
BCDL	10.0 Code	IRC2015/1PI2014	latrix-MR					Weight: 25 lb	FT = 20%		
LUMBER TOP CHORD 2x4 SP No. BOT CHORD 2x4 SP No. WEBS 2x4 SP No.	2 2 3			BRACING TOP CHORD BOT CHORD	S ve R	tructural wood sh erticals. tigid ceiling directl	eathing directly y applied or 10-	applied or 4-0-0 o -0-0 oc bracing.	c purlins, except end		
REACTIONS (lb/si	ze) 4=138/ Mechanical, (min.	0-1-8), 5=228/0-3-8, (min. 0-1	-8)								
Max Max	Horiz 5=207 (LC 7) Uplift 4=-122 (LC 7), 5=-24 (LC	6)									
Max	Grav 4=199 (LC 17), 5=257 (Li (lb) - Max Comp /Max Ten - Al	C 18) I forces 250 (lb) or less excent (when shown								
NOTES	(ib) - Max. Comp./Max. Ten Ai		when shown.								
 Unbalanced roof live loa Wind: ASCE 7-10; Vult= 	ds have been considered for this of 130mph (3-second gust) Vasd=10	design.)3mph; TCDL=6.0psf; BCDL=6.	.0psf; h=35ft; Cat	t. II; Exp B; Enclo	osed; MWFF	RS (envelope)					
exterior zone and C-C E for reactions shown; Lur	xterior (2) zone; cantilever left and nber DOL=1.60 plate grip DOL=1.	I right exposed ; end vertical let	ft and right expos	ed;C-C for mem	bers and for	rces & MWFRS					
 3) This truss has been des 4) * This truss has been des 	igned for a 10.0 psf bottom chord signed for a live load of 20.0psf or	live load nonconcurrent with an the bottom chord in all areas	where a rectangl	s. e 3-06-00 tall by	2-00-00 wid	de will fit between					
5) Provide mechanical con	nection (by others) of truss to bear	ring plate capable of withstandi	ing 24 lb uplift at	joint 5 and 122 lt	o uplift at joi	int 4.					
6) This truss is designed in TPI 1.	accordance with the 2015 Interna	Itional Residential Code section	ns R502.11.1 and	1 R802.10.2 and	referenced	standard ANSI/					
								MINTH C	ARO		
							1:	OFE	SION NY		
							Chi	viel	ere =		
								025	0467/25		
							1111	1			
								OHN M.	PRESLET		
									man		



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR A ROOF		
72500436	EJ5T	Truss	1	1	Job Reference (optional)		
UFP Mid Atlantic LLC, 5631 S. N	Run: 8.81 S Se	Run: 8.81 S Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Jan 07 11:49:25					
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				-1-0-0 / 2 / 1 2 1-0-0	<u>-1-12 3-9-</u> -1-12 1-8	4-0-0 <u>15 </u> -3 11 0-2-1						
				<i>\</i>	4-0-0	 2x3 ∎						
			+ 5-2-14 + +	3x3 µ 2 1 8 2x3 µ	12^{12} $2x_{3} \\ 3$ B_{2} 6 $7 \\ 2x_{5} =$ $2x_{5} =$ $2x_{5} =$ $2x_{5} =$ $2x_{5} =$ $2x_{5} =$ $2x_{5} =$	4 W2 33 3x4= 1.5x3 II 0-0						
					- <u>0-0</u> -0-0 1 1-8 0-3-8	8-8						
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2015/TPI2014	CSI TC BC WB Matrix-MR	0.22 0.24 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.02 -0.02 -0.01	(loc) 7 7 5	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 28 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD	2x4 SP No.2 2x4 SP No.2 *Except	* B2:2x4 SP No.3			BRACING TOP CHOF BOT CHOF		Structural verticals. Rigid ceilir	wood sh	eathing o	directly	applied or 4-0-0 o 0-0 oc bracing.	c purlins, except end
REACTIONS	2x4 SP No.3 (lb/size) 5 Max Horiz 8 Max Uplift 5 Max Grav 5	=138/ Mechanical, (min. 0-1- =196 (LC 7) =-121 (LC 7), 8=-22 (LC 6) =199 (LC 17), 8=255 (LC 18	8), 8=228/0-3-8, (min. ())-1-8)				.9	, -FF			
Max Grav 5=199 (LC 17), 8=255 (LC 18) FORCES (b) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. NOTES 1 Unbalanced roof live loads have been considered for this design. 2) Wind: ASCE 7-10; 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 (2) 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 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 the bottom chord and any other members. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 8 and 121 lb uplift at joint 5. 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ TPl 1.												
									J	Munum Summer	SE 025	AROLINA AL 0467/25
This design is be	ased upon narameters st	hown, and is for an individua	building component to	be installed and	loaded vertical	V. Annlicabi	lity of design	parame	aters and	proper	incorporation of c	PRESIE







Job	Т	russ		Truss Type	e		Qty	Qty Ply MUNGO HOMES - TELFAIR A ROOF								
72500436	E	J6T		Truss				2	1	Joh	Referen	ce (onti	nnal)			
UFP Mid Atlantic LL	LC, 5631 S. NC 6	62, Burl	lington, NC, Joy Perry			Run: 8.81	S Sep 13 2	Sep 13 2024 Print: 8.810 S Sep 13 2024 MiTek Industries, Inc. Tue Jan 07 11:49:25 Page: 1								
							10	D:a?q6	6?71yTv6	SHVH?OI	Zqv2z8g	qv-Z5mj0	RzgWN	NICgZxuW2V467	nD8?dlqmfBV4xB0Fzxmde	
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						1 2-0	-0 11 0-3-8	1-8-8	1							
Loading	(r 2	osf) 10.0	Spacing Plate Grip DOI		2-0-0 1 15	CSI TC	0.22	DEF	∟ (11)	in 0.02	(loc) 7	l/defl	L/d 240	PLATES MT20	GRIP 244/190	
TCDL	- 1	0.0	Lumber DOL		1.15	BC	0.24	Vert((CT)	-0.02	7	>999	180		210,000	
BCLL BCDL	1	0.0* 0.0	Rep Stress Incr Code	IRC20	YES 015/TPI2014	WB Matrix-MR	0.00	Horz	2(CT)	-0.01	5	n/a	n/a	Weight: 28 lb	FT = 20%	
							BRACING	<u>ا</u>								
TOP CHORD	2x4 SP No.2						TOP CHO	RD		Structural	wood sh	eathing o	directly	applied or 4-0-0	oc purlins, except end	
WEBS	2x4 SP No.2 *E 2x4 SP No.3	=xcept^	B2:2x4 SP No.3				BOT CHO	T CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.								
REACTIONS	(lb/size)	5=	=138/ Mechanical, (min.	0-1-8), 8=228	3/0-3-8, (min.	0-1-8)										
	Max Hor Max Upli	'iz 8= ift 5=	=196 (LC 7) =-121 (LC 7), 8=-22 (LC	6)												
500050	Max Gra	iv 5=	=199 (LC 17), 8=255 (LC	C 18)												
NOTES	dI)) - Max	. Comp./Max. Ten All	torces 250 (II	o) or less exce	ept when shown.										
1) Unbalanced	t roof live loads h	have be	en considered for this o	lesign.	-6 Opof: BCDI	-6 Opot: b-2Eft: C	t II: Evo P:	Englo	and: MM/							
exterior zon	e and C-C Exter	rior (2) z	zone; cantilever left and	right expose	d ; end vertica	l left and right expo	sed;C-C for	memb	pers and f	forces & N	IWFRS					
3) This truss h	as been designe	ed for a	10.0 psf bottom chord l	ive load nonc	oncurrent with	any other live load	ls.	all hu (متعام بينا الأند	h					
the bottom (chord and any ot	ther me	mbers.	ing plate cap	able of withste	as where a rectang	ioint 8 and	.ali Dy 2	2-00-00 w	oint 5	Detween					
 6) This truss is TDI 1 	s designed in acc	cordanc	e with the 2015 Interna	tional Reside	ntial Code sec	tions R502.11.1 an	d R802.10.2	2 and r	reference	d standard	ANSI/					
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300	D1		-				WONC	50110				
72500436	!''		Truss		5		Job R	eferend	ce (optio	nal)		
UFP Mid Atlantic LLC	, 5631 S. NC 62, Bur	lington, NC, Joy Perry		Run: 8.81 S S	302 Sep 13 ID:a	24 Print: 8.810 a?q6?71yTv6	0 S Sep 13 2 SHVH?OIZc	2024 Mi v2z8gq	Tek Indus v-Z5mj0R	stries, li zgWN	nc. Tue Jan 07 1 ICgZxuW2V467r	1:49:25 Page: 1 Eg?eFqmfBV4xB0Fzxmde
) <u>-1-(</u> 1-(0-0 / 3-)-0 / 3-	<u>10-0</u> 10-0					0		
				5	10-0 12	1.5x3 II	1					
		2-3-15	8- 8- 0-	3x4 3 2 HWT	B 1	4 W1 5	2-0-3	<	0-3-8	-		
				3x5 II 0-1-8 3 0-1-8	<u>-8-8</u> -7-0	1.5x3 I 3-10-0 0-1-8						
Plate Offsets (X, Y):	[2:0-3-3,0-0-	6]										
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2015/TPI2014	CSI TC BC WB Matrix-MP	0.19 0.15 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.02 -0.02 -0.01	(loc) 5-8 5-8 2	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 19 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD 2 BOT CHORD 2 WEBS 2 SLIDER L REACTIONS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3 .eft 2x4 SP No.3 1- (lb/size) 2: Max Horiz 2:	11-0 =216/0-3-0, (min. 0-1-8) =87 (LC 9)	, 5=139/0-1-8, (min. 0-1-8)	В Т	RACING OP CHOR OT CHOR	RD RD	Structural v verticals. Rigid ceilin	vood sh g directl	eathing d	irectly a	applied or 3-10-0 0-0 oc bracing.	oc purlins, except end
505050	Max Uplift 2:	=-75 (LC 6), 5=-61 (LC 7	7) (
 FORCES (Ib) - Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown. NOTES 1) Unbalanced roof live loads have been considered for this design. 2) Wind: ASCE 7-10; 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 (2) zone; cantilever left and right exposed; end vertical left and right exposed; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 4) * 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 the bottom chord and any other members. 5) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface. 6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2, 5. 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 75 lb uplift at joint 2 and 61 lb uplift at joint 5. 8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1. 												
									J		ORTH CORE OSE OSE OSE OSE OSE OSE OSE OSE OSE OS	AROLINE AL DOAGT/45



Job	Truss		Truss Type				Ply	MUNGO H	OMES -	- TELFAIR A ROOF				
72500436	SJ1		Truss		6		1	Job Refere	nce (opti	onal)				
UFP Mid Atlantic LLC, 5631 S. I	NC 62, Bu	Irlington, NC, Joy Perry	,	Run: 8.81 S Se	ep 13 202	24 Pri	nt: 8.810 S	Sep 13 2024 M	/iTek Indu	ustries, I	Inc. Tue Jan 07 11:	49:26 Pag	ge: 1	
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Loading	(nsf)	Spacing	2-0-0	CSI		DEEI	1	in (loc)	l/defl	L/d	PLATES	GRIP	-	
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.07	Vert(I	LL)	0.00 4-7	>999	240	MT20	244/190		
TCDL BCLL	10.0 0.0*	Lumber DOL Rep Stress Incr	1.15 YES	BC WB	0.03	Vert(Horz(CT) (CT)	0.00 4-7 0.00 3	>999 n/a	180 n/a				
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MP							Weight: 12 lb	FT = 20%		
LUMBER BRACING														
BOT CHORD 2x4 SP No. BOT CHORD 2x6 SP No.	2 2			BC	T CHOR	RD RD	St	ructural wood s gid ceiling dire	sheathing ctly applie	directly d or 10-	applied or 2-7-0 oc 0-0 oc bracing.	purlins.		
REACTIONS (lb/si	ze) 2	e=173/0-3-8, (min. 0-1-8	3), 3=57/ Mechanical, (min. 0	-1-8), 4=32/										
Max	Horiz 2	2=57 (LC 10)	0.40											
Max Max	Opliπ 2 Grav 2	2=-33 (LC 10), 3=-34 (L 2=173 (LC 1), 3=57 (LC	1), 4=50 (LC 3)											
FORCES	(lb) - Ma	x. Comp./Max. Ten A	All forces 250 (lb) or less exce	ept when shown.										
NOTES 1) Wind: ASCE 7-10; Vult=	130mph (;	3-second gust) Vasd=1	03mph; TCDL=6.0psf; BCDL	.=6.0psf; h=35ft; Cat. II;	Exp B; E	Enclos	ed; MWFR	S (envelope)						
exterior zone and C-C E for reactions shown; Lur	xterior (2)	zone; cantilever left ar =1.60 plate grip DOL=	nd right exposed ; end vertica 1.60	l left and right exposed;	C-C for r	memb	ers and for	ces & MWFRS						
 This truss has been des * This truss has been de 	gned for a signed for	a 10.0 psf bottom chord r a live load of 20.0psf	I live load nonconcurrent with on the bottom chord in all are	any other live loads. as where a rectangle 3-	06-00 ta	ıll by 2	-00-00 wid	e will fit betwee	en					
the bottom chord and an4) Provide mechanical con	y other m nection (b	embers. y others) of truss to be	aring plate capable of withsta	nding 34 lb uplift at join	t 3 and 3	3 lb u	plift at joint	2.						
 This truss is designed in TPI 1. 	accordan	nce with the 2015 Interr	ational Residential Code sec	tions R502.11.1 and R8	802.10.2	and re	eferenced s	atandard ANSI/						
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for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.