ah I -	Truce			011	Phy		MES TELE	AIR 2ND FLR	
	Truss F200	Truss Type		Qty 5	Ply 1		IVIES - IELFA		CBR
2000000		Truss	D - - - -	5	1	Job Referen			
P Mid Atlantic LLC, 5631 S. NC	62, Burlington, NC, Joy Perry		Run: 8.81 S Se					nc. Mon Feb 10 10 aF4Z2Hpocv2GaW	40:19 Page: 1 088T22AyCeshBpzmaSQ
-1-2-0 -1-8-0-0 -1-2-0	0-1-8 -2-6-0 1.5x3 = 1.5x3 = 1.5x3 = 14 3x6 =	1 <u>↓ 1-3-0</u> 3x5=	x3=	3x3=	$\begin{array}{c} 2 - 0 - 0 \\ 5 \times 3 \\ 1 \\ 1 \\ 1 \\ 5 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	1.5x3 II 1.5x3 II 6 10 3x5 = -1-8 0-0		0-1-8 6-0 1.5x3= 1.5x3 II 9 3x6=	0-10-8,2-0 0-10-8 0-10-8 0-3-8
cale = 1:38.4									
)-1-8,Edge]								
	(psf) Spacing		CSI		EFL	in (loc)	l/defl L/d	PLATES	GRIP
	40.0 Plate Grip DOL 10.0 Lumber DOL	1.00 1.00	TC BC		/ert(LL) /ert(CT)	-0.32 11-12 -0.43 11-12	>595 480 >439 360	MT20	244/190
CLL	0.0 Rep Stress Incr 5.0 Code	YES	WB Matrix-SH		lorz(CT)	0.05 9	n/a n/a	Weight: 77 lb	FT = 20%F, 12%E
UMBER OP CHORD 2x4 SP SS(flat OT CHORD 2x4 SP SS(flat VEBS 2x4 SP No.3(flat VEHERS 2x4 SP No.3(flat	t) ilat)		т	RACING OP CHORD OT CHORD	`	Structural wood sh /erticals. Rigid ceiling directl	• •		purlins, except end
OP CHORD 2- OT CHORD 13 VEBS 6- OTES Unbalanced floor live loads This truss is designed in ac TPI 1. Recommend 2x6 strongbac) 9=858/0-3-8, (min. 0-1-8) b) - Max. Comp./Max. Ten All -3=-2391/0, 3-4=-3135/0, 4-5=- 3-14=0/1852, 12-13=0/2903, 11 -10=-421/0, 2-14=-1986/0, 2-13 s have been considered for this is coordance with the 2015 Interna cks, on edge, spaced at 10-00-0 or restrained by other means.	2950/0, 5-6=-2950/0, 6-7=-29 -12=0/3260, 10-11=0/2950, =0/700, 3-13=-667/0, 3-12=0 design. tional Residential Code secti	950/0 9-10=0/1854 /302, 4-11=-561/170, ons R502.11.1 and R	802.10.2 ar	nd referenced	l standard ANSI/		WITH CA	ROUTE

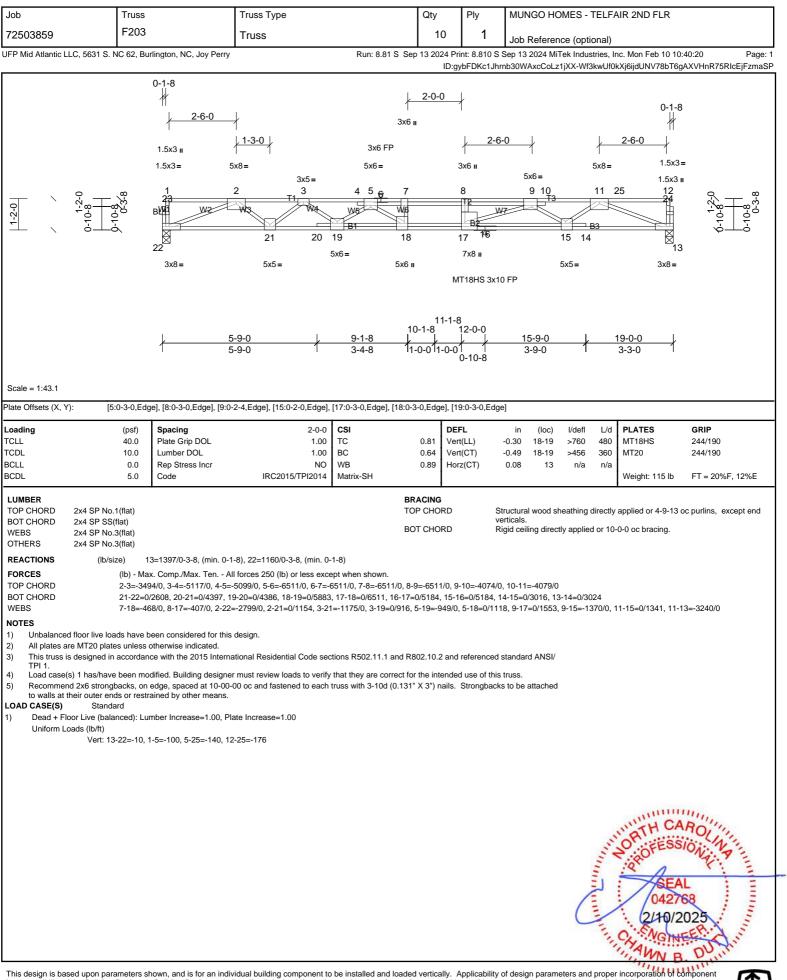


Job	Truss		Truss Type		Qty	Ply	Ν	IUNGO HO	OMES - "	TELFA	AIR 2ND FLR	
72503859	F201		Truss		1	1		ob Referer				
	LC, 5631 S. NC 62, Bu	Irlington, NC, Joy Perry		Run: 8.81 \$	S Sep 13 202	4 Print: 8.81			· ·	,	nc. Mon Feb 10 10	:40:20 Page: 1
1-2-0	-1-2-0 -1-8-0-0 -1-2-0	0-1-8 1.5x3 II 1.5x3 II	2-6-0 + + + 1-3-0 + + 3x5= 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2	3x3= 3 14 14 3x3		1.5x3 II 5 T1 13 3x3=	2-0-0	1.5x3 и 6	9-8 3x8 7 44		5x4= 3x3= 8 9 10 11 3x6= 1.5x3 II	0-11-0
		I	0	1-8		110 1	1 0111	1 0	15	-8-0	15-11-0	
		×		1-8		11-0-	1-8 11- -0 11-0	-01		- <u>8-0</u> 6-8		
Scale = 1:39.3												
late Offsets (X, Y	′): [9:0-1-8,Edg	ge], [12:0-1-8,Edge]										
oading CLL CDL CLL CDL	(psf) 40.0 10.0 0.0 5.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.00 YES IRC2015/TPI2014	CSI TC BC WB Matrix-SH	0.67 0.74	DEFL Vert(LL) Vert(CT) Horz(CT)	-0.3 -0.4 0.0	13-14	l/defl >627 >458 n/a	L/d 480 360 n/a	PLATES MT20 Weight: 78 lb	GRIP 244/190 FT = 20%F, 12%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP SS(flat) 2x4 SP SS(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat)				BRACING TOP CHOR BOT CHOR		vertic	als.	-		applied or 6-0-0 o 0-0 oc bracing.	c purlins, except end
 Provide me This truss i TPI 1. Recomment to walls at it Gap betwe 	(b) - Ma 2-3=-23- 15-16=0 6-12=-4: d floor live loads have t echanical connection (b s designed in accordan nd 2x6 strongbacks, on their outer ends or rest	x. Comp./Max. Ten A 44/0, 3-4=-3059/0, 4-5= /1821, 14-15=0/2842, 1 32/0, 2-16=-1952/0, 2-1 peen considered for this y others) of truss to bea ice with the 2015 Intern edge, spaced at 10-00- rained by other means, bearing and first diagona		pt when shown. 840/0, 7-8=-903/C 11-12=0/1765 0/283, 4-13=-564/ ions R502.11.1 au	/137, 9-11=0/1 nd R802.10.2	and reference	ced star	idard ANSI/				
									C	the state of the s	ORTH CA OFESS 0427 2/10/2 0, MGIN	ROLINA 10 10 10 10 10 10 10 10 10 10 10 10 10



Job	Truss		Truss Type		Qty	Ply		MUNGO HO	MES - 1			
72503859	F202		Truss		3		1					
		utington NC Joy Porty	TTUSS	Dup: 9.91 C				Job Referen			c. Mon Feb 10 10	:40:20 Bage: 1
UFP Mid Allantic LL	LC, 5031 S. NC 62, BU	Irlington, NC, Joy Perry		Run: 6.61 S	-			-				:40:20 Page: 1 iqXUonW_5RIcEjFzmaSP
1-2-0	0-10-8 0-10-8 0-3-8	0-1-8 1.5x3 μ 1.5x3 = 1 1.5x3 = 1 1.5x3 = 1 14 3x6 =	1 1-3-0 3x5= 2	3x3= 3 12 3x3=	3x3= 4	1.5x3 II 5 1.5x3 II 5 1.5x3 II 1.5x3 II 1.5x3 II 1.5x3 II	-8 11-	1.5x3 ⊪ 6 10 3x5=	3x8= 7	2-6	0-1-8 1.5x3 = 1.5x3 = 1.5x3 = 9 3x6 =	0-10-8 0-10-8 0-3-8 0-3-8
		ł	9-1-8			1-0-	-8 11- 0 1-0)-01	4-6		1	
Coole 4:00												
Scale = 1:38	: [10:0-1-8,E	daol										
Plate Offsets (X, Y)	-	1										
Loading TCLL	(psf) 40.0	Spacing Plate Grip DOL	2-0-0 1.00	CSI TC		DEFL Vert(LL)	-	in (loc) 0.31 11-12	l/defl >598	L/d 480	PLATES MT20	GRIP 244/190
TCDL BCLL	10.0 0.0	Lumber DOL Rep Stress Incr	1.00 YES	BC WB		Vert(CT) Horz(CT)		0.42 11-12 0.05 9	>440 n/a	360 n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH	0.07	11012(01)		0.00 0	n/a	n/a	Weight: 76 lb	FT = 20%F, 12%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP SS(flat) 2x4 SP SS(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat)				BRACING TOP CHOR		ver	uctural wood sh ticals. jid ceiling directl	-			c purlins, except end
 This truss is TPI 1. Recommended 	(lb/size) S (lb) - Ma 2-3=-23: 13-14=0 6-10=-4 floor live loads have to designed in accordar d 2x6 strongbacks, on	 X. Comp./Max. Ten Al 31/0, 3-4=-3039/0, 4-5=- 1/1812, 12-13=0/2825, 1 49/0, 2-14=-1943/0, 2-13 been considered for this are with the 2015 International Statement Statem	. 0-1-8), 14=842/0-3-8, (min. I forces 250 (lb) or less exce 2798/0, 5-6=-2798/0, 6-7=-2 1-12=0/3142, 10-11=0/2798, 3=0/675, 3-13=-643/0, 3-12= design. ational Residential Code sect 00 oc and fastened to each t	pt when shown. 798/0 9-10=0/1819 0/279, 4-11=-585/1: ions R502.11.1 and	I R802.10.2 a	and refere	nced s	tandard ANSI/				
									C	and the second s	ORTH CA ORTESS OF OFESS 0427 2/10/2 0427	NROLINA 10 Nat 10 025

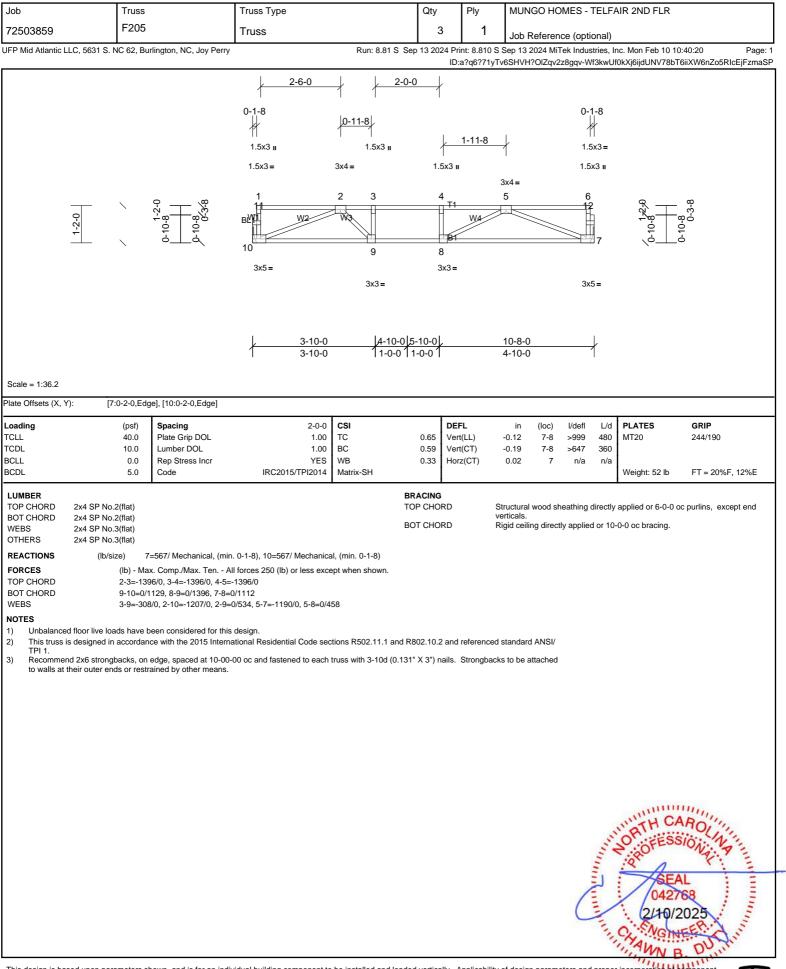




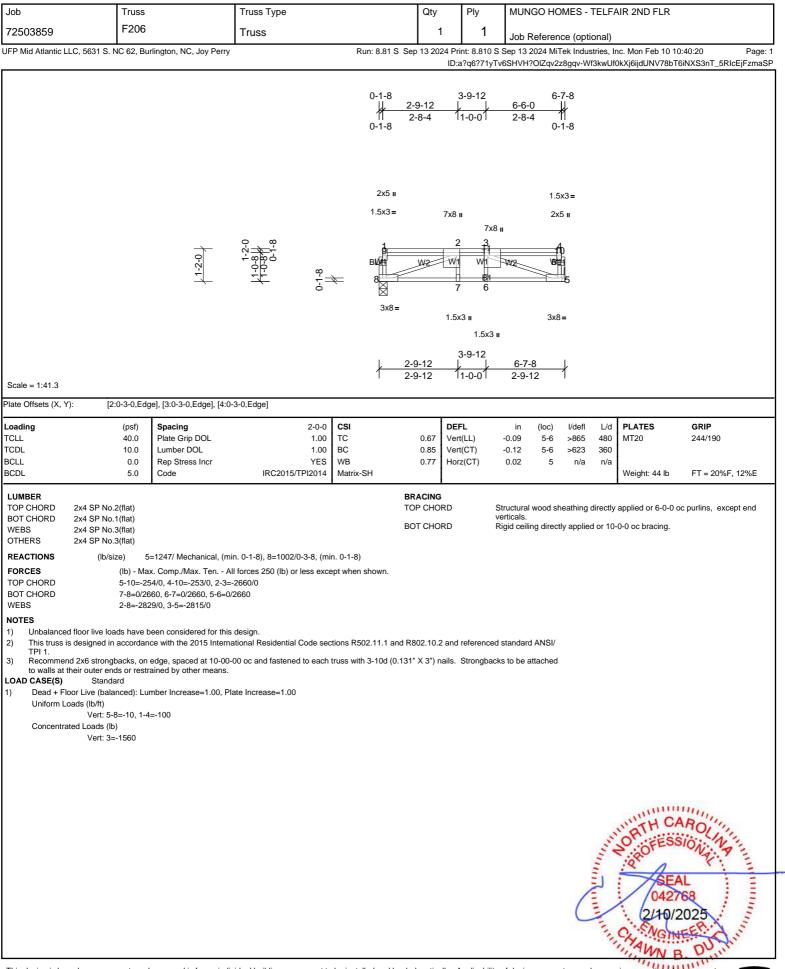


Job		Truss		Truss Type		Qty		Ply	MUNGO	HOMES		AIR 2ND FLR	
72503859		F204		Truss		2		1					
	10 5631 5 1		rlington, NC, Joy Perry		Rup: 8.81 S			-	Job Refe		,	Inc. Mon Feb 10 1	0:40:20 Page: 1
	.20, 3031 3.1	NC 02, Bu	nington, NC, JOY Ferry		Kun. 6.61 G	3ep 13 202							6fLXS_nXR5RIcEjFzmaSP
	1-2-0	~ ~	0-10-8 0-10-8 0-10-8 0-3-8	1 BV 10 3x6= 4-1-8	1.5x3 II 1.5x3 II 3x5 = 2 3 9 3x4 =	-0-0 1.5x 4 8 3 4 3 16-1-8 11-0-0	(3 II 	()))))))))))))))))))	1-3-0	1.5	7	0-10-8 0-10-8 0-10-8 0-3-8	
Scale = 1:39.3				4-1-8	11-0-0	11-0-01		5	-1-8		-		
Plate Offsets (X, Y	′): [8	:0-1-8,Edg	ge], [9:0-1-8,Edge]										
Loading TCLL TCDL BCLL BCDL		(psf) 40.0 30.0 0.0 5.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.00 YES IRC2015/TPI2014	CSI TC BC WB Matrix-SH	0.86 0.86 0.48	DEFL Vert(LI Vert(C Horz(C	T) -	0.29 7	c) l/def -8 >859 -8 >454 7 n/a	9 480 4 360	MT20	GRIP 244/190 FT = 20%F, 12%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP No. 2x4 SP No. 2x4 SP No. 2x4 SP No. 2x4 SP No.	2(flat) 2(flat) 3(flat)		R6201011 2014		BRACING TOP CHOP BOT CHOP	RD	ve	rticals.		-	-	oc purlins, except end
 This truss is TPI 1. Recomment 	(Ib/si d floor live loa s designed in nd 2x6 strongl	ze) 7 (lb) - Ma 2-3=-212 9-10=0/1 3-9=-377 ads have b accordan backs, on	x. Comp./Max. Ten A 28/0, 3-4=-2128/0, 4-5= 1647, 8-9=0/2128, 7-8= 17/0, 2-10=-1762/0, 2-9= ween considered for this ce with the 2015 Intern	0/1639 0/751, 5-7=-1754/0, 5-8=0/6/	pt when shown. 68 tions R502.11.1 an								
										(and and and and	SE/ 0427 0427 0427 0427 0427 0427 0427	AROLINI SOVAL 68 2025











Job	Truss		Truss Type		Qty	Ply	MUNGO HOM]
72503859	F207				2	^{Piy}				
		Burlington, NC, Joy Perry	Truss	Run 9 91 C			Job Reference S Sep 13 2024 MiTek	· · /	nc Mon Feb 10 10	40:21 Page: 1
	-0, 0001 3. NU 62, B	ounington, NC, JOY Pelfy		rkun: 8.81 S	Sep 13 2024					40:21 Page: 1 sfxr6WxAFgyLoFhzmaSO
1-2-0	0-10-8 0-10-8 0-10-8 0-3-36	0-1-8 1.5x3 = 1.5x3 = 1.5x3 = 1	5-0 3x8= 2 2 2 2 5-6-0	2-0-0 3x3 II 3 11 3x8 =	1.5x3 II 4 10 3x4=		x4 =	6 	0-1-8 1.5x3= 1.5x3 II 7 4 8 3x6=	6-10-8 0-10-8 0-10-8 0-3-8
		ť	5-6-0	<u>6-6-0 7-6</u> 1-0-0 1-0)-01		7-10-8			
Scale = 1:37.5 Plate Offsets (X, Y)	: [10:0-1-8,E	Edge], [11:0-3-0,Edge]								
Loading	(psf)	Spacing	1-7-3	CSI	1	DEFL	in (loc) l	/defl L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	тс	0.76	Vert(LL)	-0.26 9-10 >	694 480	MT20	244/190
TCDL BCLL	30.0 0.0	Lumber DOL Rep Stress Incr	1.00 YES	BC WB		Vert(CT) Horz(CT)	-0.45 9-10 > 0.05 8	402 360 n/a n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH					Weight: 75 lb	FT = 20%F, 12%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP No.1(flat) 2x4 SP SS(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat)				BRACING TOP CHOR BOT CHOR		Structural wood shea verticals. Rigid ceiling directly a	• •		purlins, except end
 This truss is TPI 1. Recommended 	(lb) - M 2-3=-3 11-12= 3-11=-3 floor live loads have designed in accorda d 2x6 strongbacks, or	lax. Comp./Max. Ten A 169/0, 3-4=-3169/0, 4-5= 0/1944, 10-11=0/3169, 9 378/0, 2-12=-2084/0, 2-1 been considered for this ince with the 2015 Interna	-10=0/3000, 8-9=0/1947 1=0/1350, 6-8=-2087/0, 6-9=	pt when shown. 0/735, 5-9=-636/0, tions R502.11.1 and	d R802.10.2 a	and reference				
								Jumun	ORTH CA	ROUNA
								111 Inner	2/10/2 C, SNGIN AWN B	025 DUTINI



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - TELFAIR 2ND FLR	
72503859	F208	Truss	6	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	nt: 8.810 S S	Sep 13 2024 MiTek Industries, Inc. Mon Feb 10 10:40:21	Page: 1

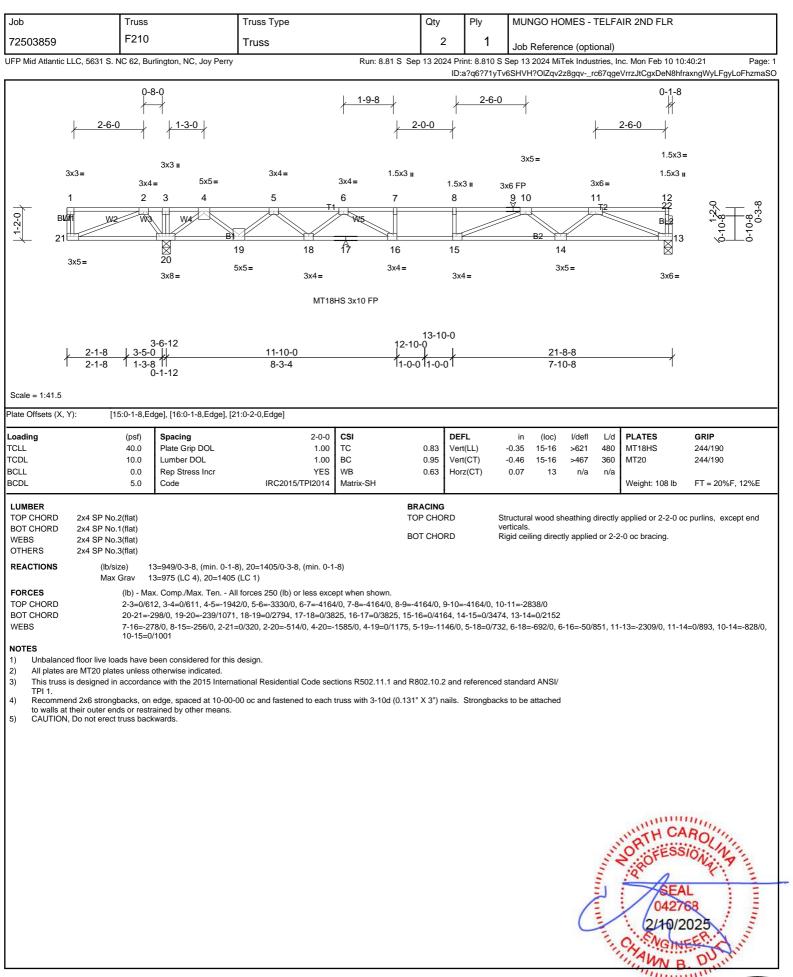
UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Joy Perry

ID:a?q6?71yTv6SHVH?OIZqv2z8gqv-_rc67qgeVrrzJtCgxDeN8hfs0xrzWzVFgyLoFhzmaSO 0-3-0 H 0-1-8 2-6-0 2-0-0 2-0-0 2-6-0 뷤 1-1-8 2-2-12 J**1-3-**0 l, 1-4-4 2-6-0 2-6-0 1.5x3 I 1.5x3 II 3x3 II 1.5x3= 3x6= 3x5= 1.5x3 ı 5x4 II 1.5x3 II 3x5= 3x5= 1.5x3 II 3x4= 1.5x3 II 3x6= 3x6 FF 328 9 27 2 5 6 7 8 10 11 12 13 14 26 ঈ taxa вф W2 W# W B B ______15 ⊠15 24 21 20 23 22 19 18 17 16 3x6= 3x4= 3x5= 3x4= 3x3= 3x8= 3x5 =3x3= 3x8= 3x6 FP 18-5-8 5-1-86-1-8 17-5-8 4-1-8 16-5-8 26-4-0 11-1-4 4-1-8 4-11-12 5 - 4 - 47-10-8 1-0-01-0-0 1-0-01-0-0 Scale = 1:50.9 [17:0-1-8,Edge], [18:0-1-8,Edge], [22:0-1-8,Edge], [24:0-3-8,Edge] Plate Offsets (X, Y): CS DEFL l/defl L/d PLATES GRIP Loading (psf) Spacing 2-0-0 in (loc) TCLL 40.0 Plate Grip DOL 1.00 тс 0.74 Vert(LL) -0.26 16-17 >686 480 MT20 244/190 TCDL Lumber DOL 1.00 вс 10.0 0.68 Vert(CT) -0.37 16-17 >495 360 BCLL NO WB 0.0 Rep Stress Incr Horz(CT) 0.56 0.04 15 n/a n/a IRC2015/TPI2014 BCDI 50 Code Matrix-SH Weight: 128 lb FT = 20%F. 12%E LUMBER BRACING TOP CHORD 2x4 SP SS(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals BOT CHORD 2x4 SP SS(flat) Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 19-21,18-19. BOT CHORD 2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat) REACTIONS 15=733/0-3-8, (min. 0-1-8), 21=1896/0-3-0, (min. 0-1-8), 24=719/0-3-8, (lb/size) (min. 0-1-8) Max Grav 15=760 (LC 14), 21=1896 (LC 1), 24=765 (LC 8) FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-1790/0, 3-28=-1790/0, 4-28=-1790/0, 4-5=-1790/0, 5-6=0/1362, 6-7=0/1362, 7-8=0/1352, 8-9=-888/270, 9-10=-2383/0, 10-11=-2383/0, 11-12=-2383/0, 12-13=-2072/0 BOT CHORD 23-24=0/1551, 22-23=0/1790, 21-22=0/979, 20-21=-518/178, 19-20=-518/178, 18-19=-9/1640, 17-18=0/2383, 16-17=0/2434, 15-16=0/1619 4-22=-382/0, 10-18=-440/0, 7-21=-291/0, 2-24=-1644/0, 2-23=0/318, 5-21=-2040/0, 5-22=0/1064, 8-21=-1349/0, 8-19=0/964, 9-19=-1047/0, 9-18=0/1097, 13-15=-1735/0, 13-16=0/590, 13-16=0/500, 1 WEBS 12-16=-471/0, 12-17=-337/179 NOTES 1) Unbalanced floor live loads have been considered for this design. 2) 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 3) Load case(s) 1 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss. Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached 4) to walls at their outer ends or restrained by other means 5) CAUTION. Do not erect truss backwards. LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (lb/ft) Vert: 15-24=-10, 1-27=-140, 27-28=-176, 7-28=-140, 7-14=-100 and the second MILLING JORT 11111 in a



Job	Truss		Truss Type		Qty	Ply		MUNGO HO	OMES - 1	ΓELFA	IR 2ND FLR	
72503859	F209		Truss		5	5 1	1	Job Referer	nce (optio	onal)		
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlin	ngton, NC, Joy Perry		Run: 8.81 S Se	p 13 202		10 S Se	ep 13 2024 Mi	Tek Indus	tries, In	c. Mon Feb 10 10:	
						ID:a?q6?7	'1yTv6\$	SHVH?OIZqv2	28gqvro	:67qge\	VrrzJtCgxDeN8hfc	NxrKWuiFgyLoFhzmaSO
		2-6	-0									
		0-1-8	2-4-0				1.	·3-0				
		54					1		0		0-1-8	
		1.5x3 I		2-0-0	/			1-3-			<i>B</i>	
		1.5x3=	5x8=	Зх6 и	8x6 n		5x4 =		3x8=		1.5x3=	
		1	2 3		518		6 7		8		1.5x3 I 9	
	E %	1 5 вЩ1у		T2 W4		T1	- Wa	Wø	5	N7~		0-3-8
1-2-0 0-10-8 0-10-8	0-10-8 0-3-8		e no	<u> </u>		B1		\searrow				0-10-8-7- 0-10-8-7-
	(14		13 1	2			11				<u></u> _
		3x8=		3x8=	3x4 =			3x5=			10 3x8=	
				5.0-				5,5 =			0.00-	
		<u></u>	5-2-8	6-2-8 7-2-8	,			15-1-0				
		1	5-2-8	[1-0-0][1-0-0]				7-10-8			1	
Scale = 1:37.1												
Plate Offsets (X, Y): [3:	0-4-0,Edge]	, [5:0-3-0,Edge], [6:0-1	-12,Edge], [12:0-1-8,Edge]	, [13:0-1-8,Edge]								
Loading	(psf)	Spacing	2-0-0	CSI		DEFL		in (loc)	l/defl	L/d	PLATES	GRIP
TCLL TCDL		Plate Grip DOL Lumber DOL	1.00 1.00	TC BC	0.97 0.66	Vert(LL) Vert(CT)		.19 11-12 .38 11-12	>925 >464	480 360	MT20	244/190
BCLL BCDL		Rep Stress Incr Code	NO IRC2015/TPI2014	WB Matrix-SH	0.86	Horz(CT)		.06 10	n/a	n/a	Weight: 84 lb	FT = 20%F, 12%E
TOP CHORD 2x4 SP No.3 BOT CHORD 2x4 SP SS(I WEBS 2x4 SP No.3 OTHERS 2x4 SP No.3 REACTIONS (Ib/siz FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live loa	flat) 3(flat) 3(flat) ze) 10= (lb) - Max. 3-4=-4248/ 13-14=0/26 4-13=-584/ ds have bee	Comp./Max. Ten All /0, 4-17=-4248/0, 5-17= 549, 12-13=0/4248, 11- /0, 3-14=-2818/0, 3-13= en considered for this c	U U	BC min. 0-1-8) ept when shown. 18=-4248/0, 6-7=-3187 1=0/975, 6-11=-917/0,	6-12=0/	RD -3188/0 710	vert Rigi	icals. d ceiling direc	-		applied or 4-1-9 or	purlins, except end
TPI 1.			ional Residential Code sec must review loads to verify									
 Recommend 2x6 strongb to walls at their outer end 	oacks, on ed ds or restrair	lge, spaced at 10-00-0	0 oc and fastened to each									
LOAD CASE(S)Standa1)Dead + Floor Live (balance)		per Increase=1.00, Plat	e Increase=1.00									
Uniform Loads (lb/ft) Vert: 10-	-14=-10, 1-1	7=-140, 17-18=-176, 9	9-18=-140									
										Number of Street	ORTH CA	ROLINA
1									2	-	- /	1
									C	- A MANTER	SEA 0427 2/10/2 CH MGIN	L 68 025



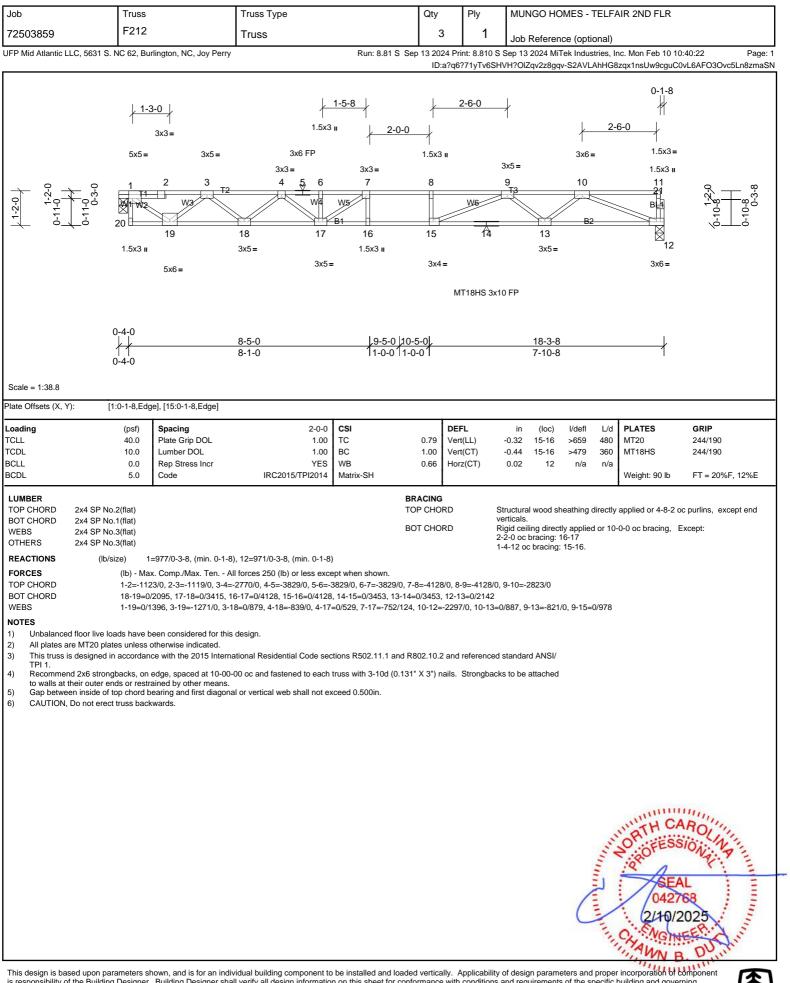




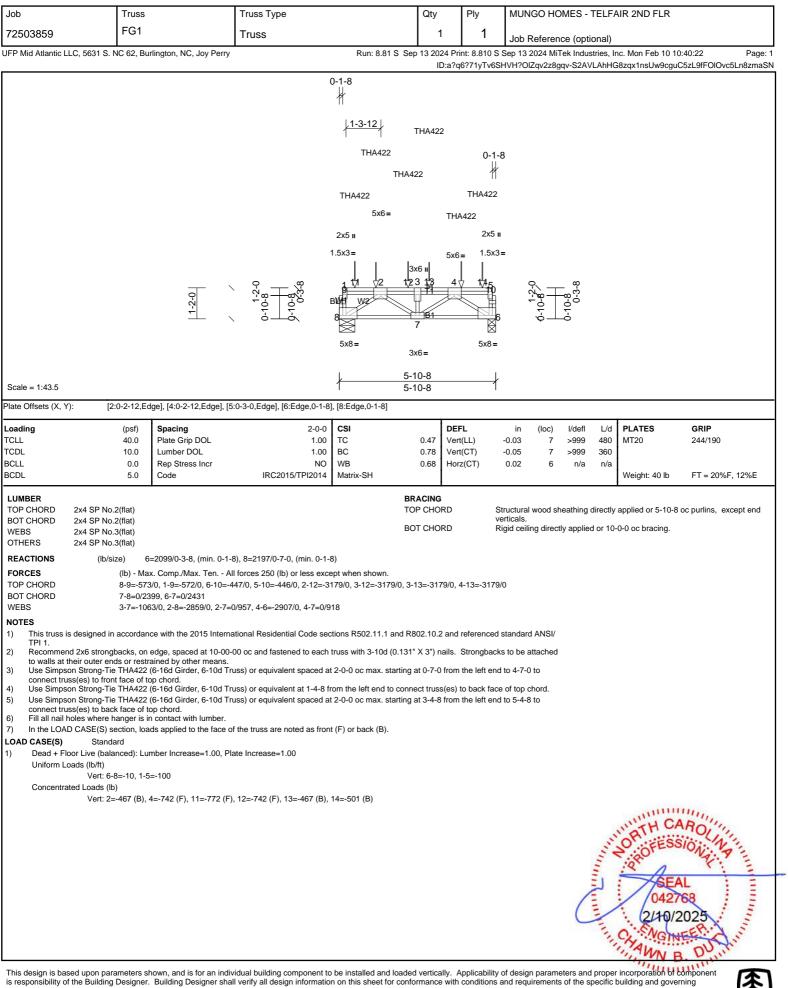
ob	Truss		Truss Type		Qty	Ply	MU	INGO HO	MES - 1	relf#	AIR 2ND FLR	
2503859	F211		Truss		3	1	Job	Referen	ce (optio	onal)		
P Mid Atlantic LL	C, 5631 S. NC 62, Bu	urlington, NC, Joy Perr	у	Run: 8.81			S Sep 1	3 2024 MiT	ek Indus	tries, Ir	nc. Mon Feb 10 10):40:21 Pag CxmwWyEFgyLoFhzm
1-2-0	0-10-8 0-10-8 0-10-3	0-1-8 1-3-0 5x5= 1.5x3 = 1.5x3 = 1.5x3 = 1.5x3 = 1.5x3 = 1.5x3 = 1.5x3 = 1.5x3 = 1.5x3 = 1.5	3x4= 3 17 17 5x4 II MT18	4 15 HS 3x10 FP	.5x3 II 5 14	2-6- 5x3 II 6 13 3x4=	6 FP 31	x5= 8 B2 12 3xt		6=	0-1-8 2-6-0 1.5x3= 1.5x3 = 10 11 3x6=	0-10-82-0 0-10-8 0-10-8 0-3-8
Scale = 1:42.6 ate Offsets (X, Y):	[13:0-1-8,E	dge], [14:0-1-8,Edge],	8-5-0 8-5-0 [18:0-2-0,Edge]		10-5-0 19-5-01 11-0-011-0-0			<u>18-</u> 7-1(}	
oading	(psf)	Spacing	2-0-0	CSI		EFL	in	(loc)	l/defl	L/d	PLATES	GRIP
CLL CDL	40.0 10.0	Plate Grip DOL Lumber DOL	1.00 1.00	TC BC		/ert(LL) /ert(CT)	-0.35 -0.48		>619 >450	480 360	MT18HS MT20	244/190 244/190
CLL	0.0	Rep Stress Incr Code	YES IRC2015/TPI2014	WB Matrix-SH		lorz(CT)	0.08		n/a	n/a	Weight: 89 lb	FT = 20%F, 12%E
BOT CHORD WEBS DTHERS REACTIONS FORCES TOP CHORD BOT CHORD BOT CHORD WEBS IOTES) Unbalanced i) All plates are) This truss is a TPI 1.) Recommend	(b) - Ma 2-3=-21 17-18=(6-13=-2 floor live loads have MT20 plates unless designed in accordar 2x6 strongbacks, on	ax. Comp./Max. Ten 02/0, 3-4=-3461/0, 4-5 0/1235, 16-17=0/2938, 64/0, 2-18=-1547/0, 2- been considered for th otherwise indicated. nce with the 2015 Inter	national Residential Code sec 0-00 oc and fastened to each	ept when shown. 4251/0, 7-8=-425 , 13-14=0/4251, 16=0/680, 4-16=- ctions R502.11.1	12-13=0/3525, 1 ⁺ 627/0, 4-14=-84/7 and R802.10.2 a) 1-12=0/2178 732, 9-11=-2 nd reference	verticals Rigid ce 337/0, 9 d standa	s. eiling direct 9-12=0/908, ard ANSI/	ly applied	l or 1-4	I-12 oc bracing.	c purlins, except end
									(and	ORTH CA	AROUNS











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	MUN	IGO HOI	MES - 1	relf/	AIR 2ND FLR	
72503859	FG2	Truss		1	1	loh [Poforono	o (ontic	anal)		
FP Mid Atlantic LLC, 5631 S.	NC 62, Burlington, NC		Run: 8.81 S Se	p 13 2024 P	int: 8.810				,	nc. Mon Feb 10 10	:40:22 Page:
	-	C, Joy Perry 1-0-0 ↓ 0-9-10 ↓ ↓ TH THAC422 THA 7x1	THAC422 THAC422 THA THAC422 THA AC422 THAC4 12= $1-6-0+$ 0-9-10 5x6 II 5x6 II 5x73 3x4 44 11 10 9	p 13 2024 P ID:a?c 0-2-1 0-9-10 ↓ 0-9-10 ↓ 0-9-10 ↓ 0-9-10 ↓ 0-9-10 ↓ 15 5 15 5 15 5 7x12 8 8 115 15 7x8= 8	$1 - \frac{1}{1000}$ $\frac{1}{10000}$ \frac	S Sep 13		ek Indus	tries, Ir		:40:22 Page: PiLA8FNnOvc5Ln8zmaSl
Scale = 1:55.6 Plate Offsets (X, Y):	1:Edge.0-3-0], [3:0-3-0	<u> </u>		1-11-2 ¹¹ 1 0-2-0	-3-0 [†]	1					
Loading	(psf) Spacing			DE		in	(loc)	l/defl	L/d	PLATES	GRIP
rCLL rCDL	40.0 Plate Grip	ip DOL 1.00	тс	0.87 Ve	rt(LL)	-0.07	9	>999	480	M18AHS MT20	186/179 244/190
BCLL	0.0 Rep Stres	NO NO	BC WB		rt(CT) rz(CT)	-0.12 0.03	9-10 7	>778 n/a	360 n/a		
BCDL	5.0 Code	IRC2015/TPI2014	Matrix-SH							Weight: 72 lb	FT = 20%F, 12%E
Max	S(flat) p.3(flat) p.3(flat) size) 7=4220/0-3-8 k Grav 7=4333 (LC 4	-8, (min. 0-2-15), 12=4488/0-7-0, (min. 0- 4), 12=4488 (LC 1)	тс вс -3-0)	RACING OP CHORD OT CHORD		verticals.		-		applied or 4-11-2 0-0 oc bracing.	oc purlins, except end
FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live lo 2) All plates are MT20 pla 3) This truss is designed in TPI 1. 4) Recommend 2x6 strong- to walls at their outer er 5) Use Simpson Strong-Ti connect truss(es) to for 6) Use Simpson Strong-Ti connect truss(es) to baa 7) Fill all nail holes where 8) In the LOAD CASE(S) stanc 0) Dead + Floor Live (bal Uniform Loads (lb/th) Vert: 7 Concentrated Loads (l	(lb) - Max. Comp./Mi 1-12=-1069/0, 6-7=- 11-12=0/4168, 10-1 3-10=-404/377, 4-9= mads have been considing tes unless otherwise in n accordance with the 2 gbacks, on edge, space nds or restrained by other the THAC422 (6-16d Gir ck face of top chord. hanger is in contact with section, loads applied the dard anced): Lumber Increas -12=-10, 1-6=-100 b)	Max. Ten All forces 250 (lb) or less exc. -353/0, 2-13=-6177/0, 3-13=-6177/0, 3-1 11=0/8130, 9-10=0/8139, 8-9=0/8154, 7-i =-451/333, 5-7=-6260/0, 5-8=0/2743, 4-8 dered for this design. ndicated. :2015 International Residential Code sec ced at 10-00-00 oc and fastened to each ther means. irder, 6-16d Truss) or equivalent spaced	14=-8139/0, 4-14=-8139, 8=0/4853 8=-2868/0, 2-12=-5376/0 ctions R502.11.1 and R8 truss with 3-10d (0.131 ¹ at 2-0-0 oc max. starting at 2-0-0 oc max. starting at 2-0-0 oc max. starting	0, 2-11=0/31 802.10.2 and " X 3") nails. g at 1-4-8 fro g at 0-2-2 fro	21, 3-11= reference Strongba m the left m the left	-3263/0 ed standard acks to be a end to 7-4 end to 6-9	attached -8 to	C	and the second sec	ORTH CA ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS ORTHESS	ROLINA 10 10 10 10 10 10 10 10 10 10 10 10 10



Job	Truss		Truss Type		Qty	Ply	MUN	NGO HO	MES -	TELFA	IR 2ND FLR		
72503859	K200		Truss		1	1	Job	Referen	ce (opti	onal)			
JFP Mid Atlantic L	LC, 5631 S. NC 62, Bu	rlington, NC, Joy Perry		Run: 8.81 S	-		-				nc. Mon Feb 10 10 Bzqx1nsUw9cguC		Page: 1
1-2-0	0-10-8 0-10-8 0-10-8 0-3-38	0-1-8 1 27 вуда ST	2 3 4	5	6	7	8 <u>11</u>	9	10		11 12	3x3= 13 BL2	1-2-0
<u> </u>	ċ_⊥_ċ		25 24 23	22	21	20	_ <u>B1</u> ★★★★★ 19	18	17		16 15	14 3x3=	
Scale = 1:35.7		1				5-11-8						1	
Loading TCLL TCDL BCLL BCDL	(psf) 40.0 10.0 0.0 5.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.00 YES IRC2015/TPI2014	CSI TC BC WB Matrix-R	0.08 0.01 0.03	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 14	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 67 lb	GRIP 244/190 FT = 20%F,	12%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS REACTIONS	2x4 SP No.2(flat) 2x4 SP No.2(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat) All bearings 15	-11-8.			BRACING TOP CHO BOT CHO	RD	verticals.		-		applied or 6-0-0 c 0-0 oc bracing.	oc purlins, excep	ot end
 Gable requ Truss to be Gable studs This truss is TPI 1. Recomment 	2 (lb) - Ma: re 1.5x3 MT20 unless c irres continuous bottom fully sheathed from on s spaced at 1-4-0 oc. s designed in accordan	3, 24, 25, 26 x. Comp./Max. Ten Al otherwise indicated. chord bearing. e face or securely brace ce with the 2015 Interna edge, spaced at 10-00-	ess at joint(s) 14, 15, 16, 17, I forces 250 (Ib) or less exce ed against lateral movement ational Residential Code sec 00 oc and fastened to each	pt when shown. (i.e. diagonal web). tions R502.11.1 an	d R802.10.2								
										in the second se	ORTH CA	AROLINA	
									C	in the second second	0427 2/10/2 0,40/2 0,40/2 0,40/2 0,40/2	AL 68 2025 DU	WWWWWW



Job	Truss	3	Truss Type		Qty	Ply	М	JNGO H	OMES -	TELFA	AIR 2ND FLR	
72503859	K201	1	Truss					o Refere	nce (onti	ional)		
UFP Mid Atlantic Li	LC, 5631 S. NC 62, E	Burlington, NC, Joy Perry		Run: 8.81 S	Sep 13 202	24 Print: 8.81					nc. Mon Feb 10 10	:40:22 Page: 1
1-2-0	0-10-8 0-10-8 9-10-8 0-3-8	33 BVII ST1	3 4 5 T1	6 7 B1 27 26	3x6 F 8 9 25	P 10 1 ² 24 23 3x6	3 2 3=	2 1 2 2 2 2			0-1-E	6-10-8
Scale = 1:43												
Loading TCLL	(psf) 40.0	Spacing Plate Grip DOL	2-0-0 1.00	CSI TC	0.09	DEFL Vert(LL)	ir n/a	, ,	l/defl n/a	L/d 999	PLATES MT20	GRIP 244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL BCDL	0.0 5.0	Rep Stress Incr Code	YES IRC2015/TPI2014	WB Matrix-R	0.03	Horiz(TL)	0.00	18	n/a	n/a	Weight: 80 lb	FT = 20%F, 12%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS REACTIONS		All reactions 250 (lb) or le	ess at joint(s) 18, 19, 20, 21,	22, 23, 24, 25, 26,	BRACING TOP CHO BOT CHO	RD	vertica	s.	-		applied or 6-0-0 o	c purlins, except end
 2) Gable requi 3) Truss to be 4) Gable studs 5) This truss is TPI 1. 6) Recommender 	(lb) - M re 1.5x3 MT20 unless irres continuous bottor e fully sheathed from c s spaced at 1-4-0 oc. s designed in accorda nd 2x6 strongbacks, o	s otherwise indicated. m chord bearing. one face or securely brace ance with the 2015 Interna	Il forces 250 (Ib) or less exce ed against lateral movement ational Residential Code sec 00 oc and fastened to each	, (i.e. diagonal web) tions R502.11.1 an	d R802.10.2							
			ridual building component to						(and the second s	SEA 0427 2/10/2 0, MGIN	ROLINE IONAL 68 025



Job		Truss		Truss Type		Qty	Ply		MUN	GO HOI	MES -	TELFA	AIR 2ND FLR	
72503859		K202		Truss		1	1		Job R	eferenc	e (optio	onal)		
UFP Mid Atlantic LI	LC, 5631 S. N	C 62, Bu	rlington, NC, Joy Perry		Run: 8.81 S Sep				ep 13 2	024 MiTe	ek Indus	tries, Ir	nc. Mon Feb 10 10:	40:23 Page: 1 33LLfFYyOvc5Ln8zmaSN
	0-10-8 0-10-8	0-10-8 0-3-8	0-1-8 $1 2$ $31 3$ $30 29$ $3x3 =$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	16-	P 9 2 11-4 11-4			11	12 17 19 19		13	0-1-8 14 15 17 16 3x4 II 17-0-12 0-1-8	0-10-82-0 0-10-8 0-10-8 0-3-8
Scale = 1:40.1		(0												
Loading TCLL TCDL BCLL		(psf) 40.0 10.0 0.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.00 1.00 YES	CSI TC BC WB	0.08 0.01	DEFL Vert(LL) Vert(TL) Horiz(TL)	(in n/a n/a 0.00	(loc) - - 16	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20	GRIP 244/190
BCDL		5.0	Code	IRC2015/TPI2014	Matrix-R		. ,						Weight: 72 lb	FT = 20%F, 12%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3 2x4 SP No.3	(flat) (flat) (flat)			то	ACING P CHOR T CHOR		ver	ticals.		-		applied or 6-0-0 oc 0-0 oc bracing.	purlins, except end
REACTIONS	(lb) - Max G	2	ll reactions 250 (lb) or le 6, 27, 28, 29, 30	ess at joint(s) 16, 17, 18, 19,										
 Gable requi Truss to be Gable studs Bearing at j surface. This truss is TPI 1. Recommen 	re 1.5x3 MT20 ires continuous fully sheathed s spaced at 1-4 oint(s) 16 cons s designed in a d 2x6 strongba	unless o s bottom I from one 4-0 oc. siders pa accordane acks, on	therwise indicated. chord bearing. e face or securely brace rallel to grain value using ce with the 2015 Interna	forces 250 (lb) or less exce d against lateral movement g ANSI/TPI 1 angle to grain tional Residential Code sec 00 oc and fastened to each t	(i.e. diagonal web). formula. Building desig tions R502.11.1 and R8	302.10.2	and referen	nced st	tandard	ANSI/				
				idual building component to			h. Ap-12-1				C	and a start of the	SEA 04270 2/10/2 04270 04270 04270 04270 04270 04270 04270	ROLINA OVAL SAL



						_				
Job	Trus		Truss Type		Qty	Ply	MUNGO HOMES	S - TELFAIR 2ND F	ER	
72503859	K20	3	Truss		1	1	Job Reference (
JFP Mid Atlantic LL	LC, 5631 S. NC 62, I	Burlington, NC, Joy Perry		Run: 8.81 S Se			Sep 13 2024 MiTek Ir SHVH?OIZqv2z8gqv-w			Page: 1 GovKazmaSM
				1.5x3 u	10101	3x3 =			gibelanpigi_rerr	041111211110111
			3x3 =		1.5x3	3 II				
			1	2	3	4				
		\rightarrow					\rightarrow	_		
		0	BLWT	ST1			1-2-0			
		1-2-0		B1						
		_	8			5				
					\times					
			3x3 =	7	6					
					1.5x3	3 II				
				1.5x3 u		3x3 =				
				3-5-0						
			1	3-5-0		1				
Scale = 1:22.1										
Loading TCLL	(psf)	Spacing	2-0-0	CSI		FL	in (loc) l/de		GRIP	
TCDL	40.0 10.0	Plate Grip DOL Lumber DOL	1.00 1.00	TC BC	0.02 Ve	rt(LL) rt(TL)	n/a - n	i/a 999 MT20 i/a 999	244/190	
BCLL BCDL	0.0 5.0	Rep Stress Incr Code	YES IRC2015/TPI2014	WB Matrix-R	0.03 Ho	oriz(TL)	0.00 5 n	i/a n/a Weight: 1	8 lb FT = 20%	6F, 12%E
LUMBER				B	RACING					
TOP CHORD BOT CHORD	2x4 SP No.2(flat) 2x4 SP No.2(flat)				OP CHORD		Structural wood sheath erticals.	ing directly applied or 3	3-5-0 oc purlins, ex	cept end
WEBS	2x4 SP No.3(flat)			B	OT CHORD		Rigid ceiling directly ap	plied or 10-0-0 oc brac	ing.	
OTHERS REACTIONS	2x4 SP No.3(flat) All bearings	3-5-0.								
	(lb) - Max Grav	All reactions 250 (lb) or l								
FORCES NOTES	(Ib) - N	/lax. Comp./Max. Ten A	Il forces 250 (lb) or less exce	pt when shown.						
1) Gable requir	ires continuous botto		ed against lateral movement	(i.e. diagonal web)						
3) Gable studs	s spaced at 1-4-0 oc		-							
TPI 1.	•		ational Residential Code sec							
		strained by other means.	00 oc and fastened to each t	russ with 3-10d (0.131	x 3) halls.	Strongback	to be attached			
								unut .	CAP	
								IN ORT	ESSIO	14
								2 2 ROF	Na	PI
									SEAL	
							10	1 1/0	42768	
							(21	10/2025	IIII
								The CASN	GINEEK	150
			vidual building component to					MAW	NB. DU	2.



Job	Truss		Truss Type		Qty	Ply	M	JNGO HO	OMES -	TELFA	AIR 2ND FLR		
72503859	K204		Truss		1	1	.lo	o Referer	ice (onti	onal)			
UFP Mid Atlantic LL	.C, 5631 S. NC 62, Bu	rlington, NC, Joy Perry		Run: 8.81 S	-) S Sep 1	3 2024 Mi	Tek Indus	tries, Ir	nc. Mon Feb 10 10 5hZAM22egrD6kN		Page: 1
3x3= 1 0 1 8 43 3x3= ↓	2 3	4 5 6 B1 40 39 38	7 8 9 1 9 37 36 35 34 3x6 FP	10 11 33 32 25-11-0 25-11-0	3x6 3x 12 13 31 30	3=	15 28	16	17 T2 26	18	19 202 B B 24 23 3 26	4 7	6-10-87 0-10-87 0-3-8
Scale = 1:47.9	(ocf)	Spacing	200	691		DEEI	ir	(100)	l/dofl	1/d	DIATES	CPIP	
Loading TCLL TCDL BCLL BCDL	(psf) 40.0 10.0 0.0 5.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.00 YES IRC2015/TPI2014	CSI TC BC WB Matrix-R	0.08 0.02	DEFL Vert(LL) Vert(TL) Horiz(TL)	ir n/a n/a 0.00	-	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 108 lb	GRIP 244/19	0 0%F, 12%E
LUMBER TOP CHORD BOT CHORD WEBS	D 2x4 SP No.2(flat)					BRACING TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.							
REACTIONS FORCES NOTES 1) All plates are 2) Gable requir 3) Truss to be f 4) Gable studs 5) Bearing at jo surface. 6) This truss is TPI 1. 7) Recommend	All bearings 26 (Ib) - Max Grav A 3 (Ib) - Ma e 1.5x3 MT20 unless res continuous bottom fully sheathed from on spaced at 1-4-0 oc. oint(s) 22 considers pa designed in accordan d 2x6 strongbacks, on	All reactions 250 (lb) or le 11, 32, 33, 34, 36, 37, 38 I.X. Comp./Max. Ten All otherwise indicated. chord bearing. the face or securely brace arallel to grain value usin- ace with the 2015 Interna	ess at joint(s) 22, 23, 24, 25, 39, 40, 41, 42, 43 forces 250 (lb) or less exce d against lateral movement g ANSI/TPI 1 angle to grain tional Residential Code sec 00 oc and fastened to each	pt when shown. (i.e. diagonal web). formula. Building d tions R502.11.1 and	lesigner sho d R802.10.2	and reference	ed stand	ard ANSI/					
			idual building component to						C	and a start of the	ORTH CA ORTH CA ORTH CA ORTH CA ORTH ORTH ORTH ORTH ORTH ORTH ORTH ORTH	AROL 10 Nor 168 2025	A State of the second s



