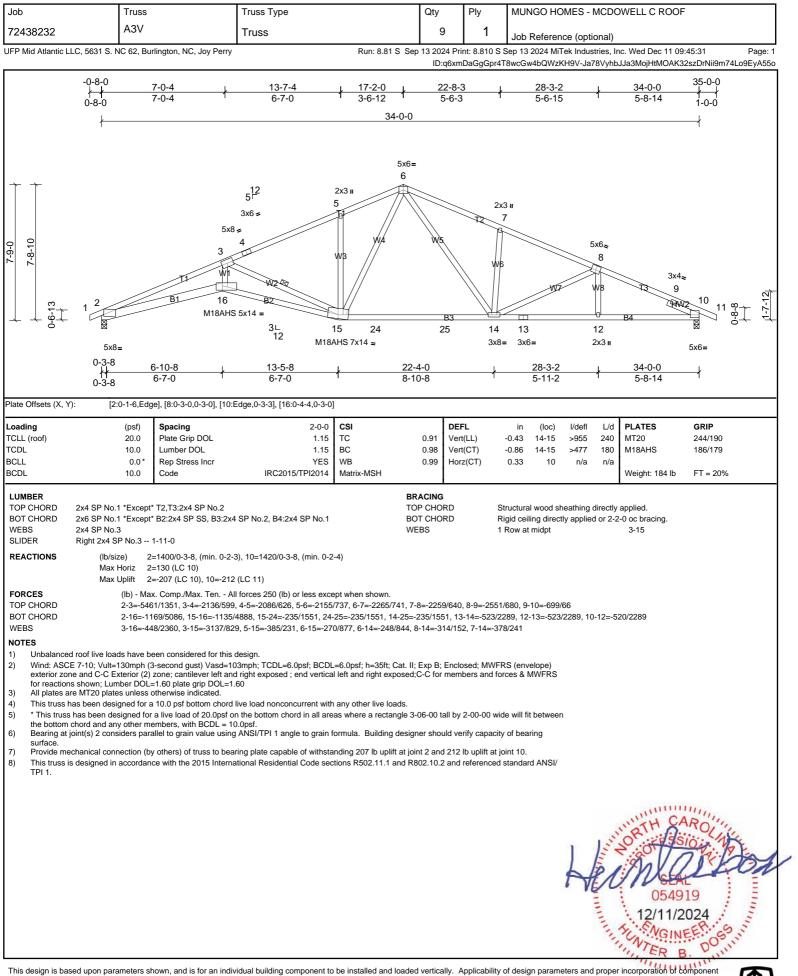


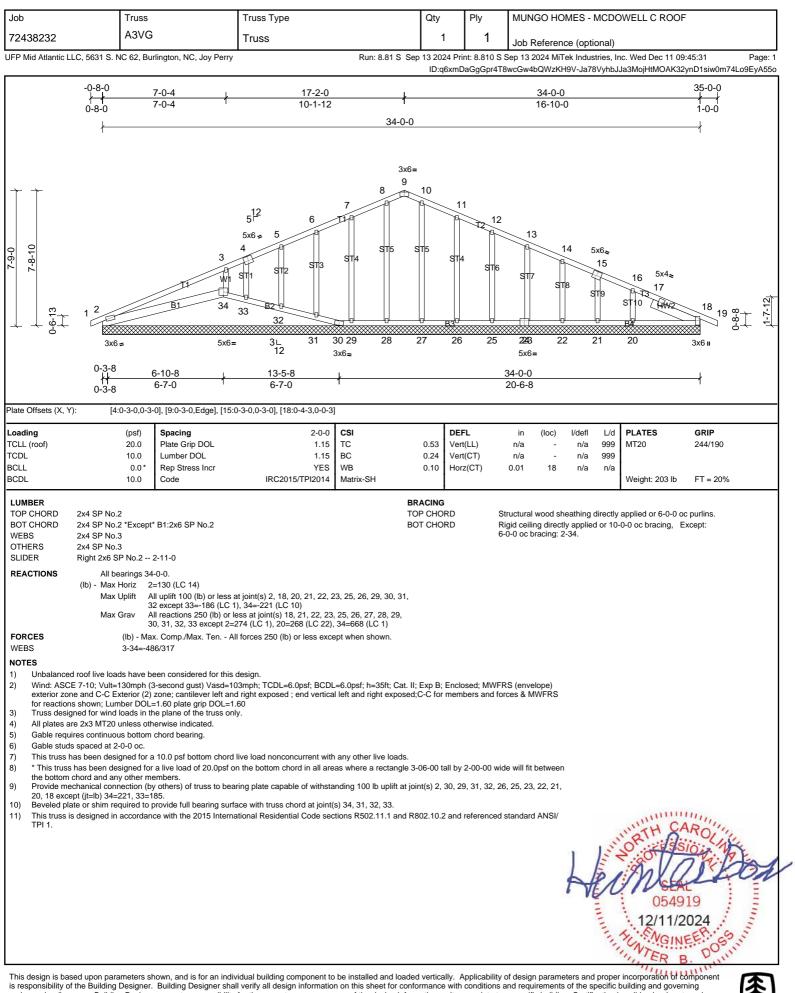
codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not 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.

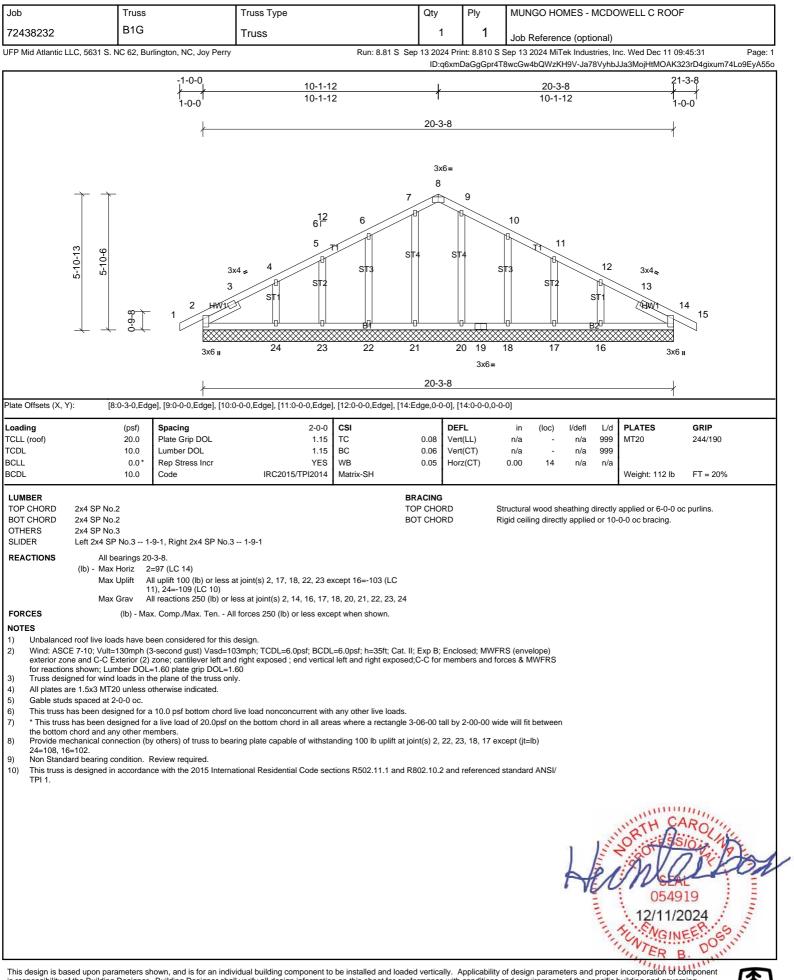
重



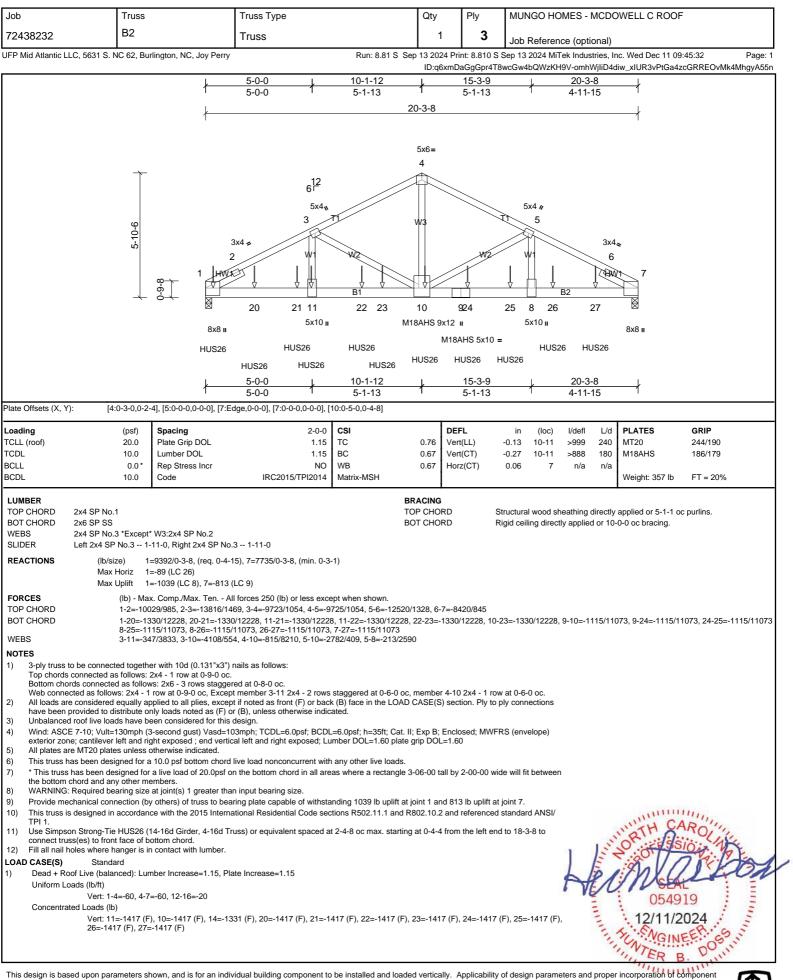














Job	Truss				Qty	Ply		AES MODO	WELL C ROOF	=
72438232	P1		Truss Type		Qty 7	Piy 1				
			Truss	D			Job Referenc	(1)		D
JFP Mid Atlantic LL	LC, 5631 S. NC 62, Bu	rlington, NC, Joy Perry		Run: 8.81 S Sep					nc. Wed Dec 11 09 diw_xIUR3vPtGa8	0:45:32 Page: 1 ocMVRK1vMk4MhgyA55n
		2-0-5	+ 1-7-4 + 1-7-4 0-3-0 -5-1	-0-8-0 -0-8-0 	2-10-0 2-10-0 4-1-{ 5 ¹² 5 ¹² 81	4-1-8 1-3-8 5x6 = 34 7x8 5x6 = 34 1-3-8 1-3-8 34 1-3-8 1-3-8 34 1-3-8 1-3-8 34 1-3-8 1-3-8 34 1-3-8 1-3-8 34 1-3-8 1-3-8 34 1-3-8 1-3-8 34 1-3-8 1-3-8 34 1-3-8 1-3-8 1-3-8 34 1-3-8	= 	0-8-4		
Plate Offsets (X, Y) Loading TCLL (roof) TCDL BCLL BCDL): [3:0-1-8,0-2 (psf) 20.0 10.0 0.0 * 10.0	-0], [4:Edge,0-4-0] Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2015/TPI2014	0-1-8 0-1-8 CSI TC BC WB Matrix-MR	0.28 Ver	t(LL) t(CT) -	8 in (loc) 0.01 6-10 0.01 6-10 0.00 11	l/defi L/d >999 240 >999 180 n/a n/a	PLATES MT20 Weight: 19 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP No.2 *Except 2x4 SP No.2 2x4 SP No.3 2x4 SP No.3			TC BC	ACING OP CHORD OT CHORD	ver	uctural wood she ticals, and 2-0-0 jid ceiling directly	oc purlins: 3-4		c purlins, except end
REACTIONS	(lb/size) 2), 11=403/0-3-8, (min. 0-1-8)							
FORCES	Max Horiz 2 Max Uplift 2 (lb) - Ma	•	C 6) Il forces 250 (Ib) or less exce	pt when shown.						
	Max Horiz 2 Max Uplift 2 (lb) - Ma 2-3=-319	=-70 (LC 6), 11=-43 (L x. Comp./Max. Ten A	,	pt when shown.						
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalanced 2) Wind: ASCI exterior zon members ar 3) Provide add 4) This truss the bottom of 6) Bearing at ju surface. 7) Provide met 8) This truss is	Max Horiz 2 Max Uplift 2 (lb) - Ma 2-3=-319 2-6=-168 d roof live loads have b E 7-10; Vult=130mph (3 e and C-C Exterior (2) nd forces & MWFRS fo quate drainage to prev as been designed for a has been designed for chord and any other m oint(s) 11 considers pa chanical connection (b	=-70 (LC 6), 11=-43 (L x. Comp./Max. Ten A 9/165 3/271, 5-6=-164/253 een considered for this 3-second gust) Vasd=1 zone; cantilever left ar or reactions shown; Lur zone; cantilever left ar or reactions shown; Lur zone; a 10.0 psf bottom chorc a 10.0 psf bottom chorc a live load of 20.0psf of embers. rallel to grain value usi y others) of truss to bea	Il forces 250 (Ib) or less exce	- =6.0psf; h=35ft; Cat. II; left and right exposed; L=1.60 any other live loads. as where a rectangle 3- formula. Building design nding 70 lb uplift at join	-06-00 tall by gner should v t 2 and 43 lb	d right expos 2-00-00 wide verify capacity uplift at joint	ed;C-C for e will fit between / of bearing 11.			
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalanced 2) Wind: ASCE exterior zon members au 3) Provide ade 4) This truss h 5) * This truss the bottom (6) Bearing at j surface. 7) Provide mer 8) This truss is TPI 1. 9) Load case(s	Max Horiz 2 Max Uplift 2 (lb) - Ma 2-3=-315 2-6=-168 d roof live loads have b E 7-10; Vult=130mph (2) nd forces & MWFRS fc quate drainage to prev as been designed for a has been designed for chord and any other m oint(s) 11 considers pa chanical connection (b s designed in accordan s) 1, 2, 3, 4, 5, 6, 7, 8, 5	=-70 (LC 6), 11=-43 (L x. Comp./Max. Ten A 9/165 3/271, 5-6=-164/253 een considered for this 3-second gust) Vasd=1 zone; cantilever left ar or reactions shown; Lur zone; cantilever left ar or reactions shown; Lur zone; cantilever left ar a 10.0 psf bottom chore a 10.0 psf bottom chore a live load of 20.0psf of embers. rallel to grain value usi y others) of truss to be ce with the 2015 Interr 9, 10, 11, 12, 13, 14, 19	Il forces 250 (Ib) or less exce design. 03mph; TCDL=6.0psf; BCDL- 0 right exposed ; end vertical aber DOL=1.60 plate grip DO live load nonconcurrent with on the bottom chord in all area ng ANSI/TPI 1 angle to grain aring plate capable of withstar	=6.0psf; h=35ft; Cat. II; left and right exposed; L=1.60 any other live loads. as where a rectangle 3- formula. Building design nding 70 lb uplift at join tions R502.11.1 and R8	06-00 tall by gner should v t 2 and 43 lb 302.10.2 and	d right expos 2-00-00 wide rerify capacity uplift at joint referenced s	ed;C-C for e will fit between v of bearing 11. tandard ANSI/			
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalanced 2) Wind: ASCI exterior zon members an 3) Provide ade 4) This truss h 5) * This truss the bottom d 6) Bearing at j surface. 7) Provide me 8) This truss is TPI 1. 9) Load case(g that they ard 10) Graphical p	Max Horiz 2 Max Uplift 2 (b) - Ma 2-3=-31 2-6=-16 d roof live loads have b E 7-10; Vult=130mph (the and C-C Exterior (2) nd forces & MWFRS fc aquate drainage to pre- as been designed for chord and any other m oint(s) 11 considers pa chanical connection (b a designed in accordan s) 1, 2, 3, 4, 5, 6, 7, 8, 5 e correct for the intend urlin representation do	=-70 (LC 6), 11=-43 (L x. Comp./Max. Ten A 9/165 9/271, 5-6=-164/253 een considered for this 3-second gust) Vasd=1 zone; cantilever left ar r reactions shown; Lur /ent water ponding. a 10.0 psf bottom chorc - a live load of 20.0psf embers. rallel to grain value usi y others) of truss to be ce with the 2015 Interr 9, 10, 11, 12, 13, 14, 12 ed use of this truss. es not depict the size of	Il forces 250 (Ib) or less exce design. 03mph; TCDL=6.0psf; BCDL d right exposed ; end vertical ber DOL=1.60 plate grip DO live load nonconcurrent with on the bottom chord in all area ng ANSI/TPI 1 angle to grain aring plate capable of withstau ational Residential Code sect 5, 16, 17, 18, 19, 20 has/have r the orientation of the purlin	=6.0psf; h=35ft; Cat. II; left and right exposed; L=1.60 any other live loads. as where a rectangle 3- formula. Building design nding 70 lb uplift at join tions R502.11.1 and R8 been modified. Buildir along the top and/or bc	06-00 tall by gner should v t 2 and 43 lb 302.10.2 and ng designer n	d right expos 2-00-00 wide rerify capacity uplift at joint referenced s nust review lo	ed;C-C for e will fit between / of bearing 11. tandard ANSI/ ads to verify			
 FORCES TOP CHORD BOT CHORD NOTES 1) Unbalanced 2) Wind: ASCE exterior zon members an 3) Provide ade 4) This truss h 5) * This truss h 6) Bearing at j surface. 7) Provide mee 8) This truss is TPI 1. 9) Load case(s that they are an the set of the set	Max Horiz 2 Max Uplift 2 (lb) - Ma 2-3=-315 2-6=-168 d roof live loads have b E 7-10; Vult=130mph (2 e and C-C Exterior (2) nd forces & MWFRS fc quate drainage to prev as been designed for a has been designed for chord and any other m oint(s) 11 considers pa chanical connection (b s designed in accordan s) 1, 2, 3, 4, 5, 6, 7, 8, 1 e correct for the intent of wrother connection dev sponsibility of others.	=-70 (LC 6), 11=-43 (L x. Comp./Max. Ten A 9/165 9/271, 5-6=-164/253 een considered for this 3-second gust) Vasd=1 zone; cantilever left ar r reactions shown; Lur /ent water ponding. a 10.0 psf bottom chorc - a live load of 20.0psf embers. rallel to grain value usi y others) of truss to be ce with the 2015 Interr 9, 10, 11, 12, 13, 14, 12 ed use of this truss. es not depict the size of	Il forces 250 (Ib) or less exce design. 03mph; TCDL=6.0psf; BCDL d right exposed ; end vertical ber DOL=1.60 plate grip DO live load nonconcurrent with on the bottom chord in all area ng ANSI/TPI 1 angle to grain aring plate capable of withstar ational Residential Code sect 5, 16, 17, 18, 19, 20 has/have	=6.0psf; h=35ft; Cat. II; left and right exposed; L=1.60 any other live loads. as where a rectangle 3- formula. Building design nding 70 lb uplift at join tions R502.11.1 and R8 been modified. Buildir along the top and/or bc	06-00 tall by gner should v t 2 and 43 lb 302.10.2 and ng designer n	d right expos 2-00-00 wide rerify capacity uplift at joint referenced s nust review lo	ed;C-C for e will fit between / of bearing 11. tandard ANSI/ ads to verify		mmm	111111
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalanced 2) Wind: ASCE exterior zon members ai 3) Provide ade 4) This truss the bottom d 6) Bearing at j surface. 7) Provide mere 8) This truss TPI 1. 9) Load case(s) that they are 10) Graphical (s) is the res ELOAD CASE(S) 1) Dead + Ro Uniform Lo	Max Horiz 2 Max Uplift 2 (b) - Ma 2-3=-313 2-6=-164 d roof live loads have b E 7-10; Vult=130mph (: te and C-C Exterior (2) nd forces & MWFRS for equate drainage to prev- as been designed for chord and any other m oint(s) 11 considers par- chanical connection (b a designed in accordan s) 1, 2, 3, 4, 5, 6, 7, 8, 1 e (2), 2,	=-70 (LC 6), 11=-43 (L x. Comp./Max. Ten A 9/165 9/271, 5-6=-164/253 een considered for this 3-second gust) Vasd=1 zone; cantilever left ar r reactions shown; Lur yent water ponding. a 10.0 psf bottom chorc r a live load of 20.0psf of embers. irallel to grain value usi y others) of truss to be ce with the 2015 Interr 9, 10, 11, 12, 13, 14, 12 ed use of this truss. es not depict the size of cice(s) shall be provided mber Increase=1.15, P	Il forces 250 (Ib) or less exce design. 03mph; TCDL=6.0psf; BCDL d right exposed ; end vertical ber DOL=1.60 plate grip DO live load nonconcurrent with on the bottom chord in all area ng ANSI/TPI 1 angle to grain aring plate capable of withstar ational Residential Code sect 5, 16, 17, 18, 19, 20 has/have r the orientation of the purlin I sufficient to support concent	=6.0psf; h=35ft; Cat. II; left and right exposed; L=1.60 any other live loads. as where a rectangle 3- formula. Building design nding 70 lb uplift at join tions R502.11.1 and R8 been modified. Buildir along the top and/or bc	06-00 tall by gner should v t 2 and 43 lb 302.10.2 and ng designer n	d right expos 2-00-00 wide rerify capacity uplift at joint referenced s nust review lo	ed;C-C for e will fit between / of bearing 11. tandard ANSI/ ads to verify		NORTH C	AROLINE OLINE
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalanced 2) Wind: ASCI exterior zon members an 3) Provide ade 4) This truss the bottom at 5) * This truss the bottom at 6) Bearing at 5) * This truss the bottom at 6) Bearing at 7) Provide mee 8) This truss TPI 1. 9) Load case(s that they are 10) Graphical (s) is the res LOAD CASE(S) 1) Dead + Ro Uniform Lo	Max Horiz 2 Max Uplift 2 (b) - Ma 2-3=-315 2-6=-168 d roof live loads have b E 7-10; Vult=130mph (2) nd forces & MWFRS fc equate drainage to prev- as been designed for a has been designed for a has been designed for a chanical connection (b) s designed in accordant s) 1, 2, 3, 4, 5, 6, 7, 8, 9 chanical connection (b) s designed in accordant s) 1, 2, 3, 4, 5, 6, 7, 8, 9 chanical connection dev sponsibility of others. Standard bof Live (balanced): Lur bads (lb/ft) Vert: 1-3=-60, 3-4 ted Loads (lb) Vert: 3=-300	=-70 (LC 6), 11=-43 (L x. Comp./Max. Ten A 9/165 3/271, 5-6=-164/253 een considered for this 3-second gust) Vasd=1 zone; cantilever left ar or reactions shown; Lur zone; cantilever left ar or reactions shown; Lur zent water ponding. a 10.0 psf bottom choro a 10.0 psf bottom choro a live load of 20.0psf of embers. rallel to grain value usi y others) of truss to be ce with the 2015 Interr 9, 10, 11, 12, 13, 14, 19 ed use of this truss. es not depict the size of ice(s) shall be provided mber Increase=1.15, Pl =-140, 5-8=-20	Il forces 250 (Ib) or less exce design. 03mph; TCDL=6.0psf; BCDL d right exposed ; end vertical ber DOL=1.60 plate grip DO live load nonconcurrent with on the bottom chord in all area ang ANSI/TPI 1 angle to grain aring plate capable of withstar ational Residential Code sect 5, 16, 17, 18, 19, 20 has/have r the orientation of the purlin I sufficient to support concent ate Increase=1.15	=6.0psf; h=35ft; Cat. II; left and right exposed; L=1.60 any other live loads. as where a rectangle 3- formula. Building design nding 70 lb uplift at join tions R502.11.1 and R8 been modified. Buildir along the top and/or bc	06-00 tall by gner should v t 2 and 43 lb 302.10.2 and ng designer n	d right expos 2-00-00 wide rerify capacity uplift at joint referenced s nust review lo	ed;C-C for e will fit between / of bearing 11. tandard ANSI/ ads to verify	L.	NORTH C	AROLINE DE DOA
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalanced 2) Wind: ASCI exterior zon members an 3) Provide ade 4) This truss the bottom at 5) * This truss the bottom at 6) Bearing at 5) * This truss the bottom at 6) Bearing at 7) Provide mee 8) This truss TPI 1. 9) Load case(s that they are 10) Graphical (s) is the res LOAD CASE(S) 1) Dead + Ro Uniform Lo	Max Horiz 2 Max Uplift 2 (b) - Ma 2-3=-315 2-6=-166 d roof live loads have b E 7-10; Vult=130mph (: te and C-C Exterior (2) nd forces & MWFRS to squate drainage to prev as been designed for at has been designed for chord and any other m oint(s) 11 considers pa chanical connection (b s designed in accordant s) 1, 2, 3, 4, 5, 6, 7, 8, 1 e correct for the intend urlin representation do or other connection dev sponsibility of others. Standard tof Live (balanced): Lur vads (lb/ft) Vert: 3=-300 75 Roof Live (balanced)	=-70 (LC 6), 11=-43 (L x. Comp./Max. Ten A 9/165 3/271, 5-6=-164/253 een considered for this 3-second gust) Vasd=1 zone; cantilever left ar or reactions shown; Lur zone; cantilever left ar or reactions shown; Lur zone; cantilever left ar a live load of 20.0psf of embers. rallel to grain value usi y others) of truss to be ce with the 2015 Interr 9, 10, 11, 12, 13, 14, 19 ed use of this truss. es not depict the size of ice(s) shall be provided mber Increase=1.15, Pl ==-140, 5-8=-20	Il forces 250 (Ib) or less exce design. 03mph; TCDL=6.0psf; BCDL d right exposed ; end vertical ber DOL=1.60 plate grip DO live load nonconcurrent with on the bottom chord in all area ng ANSI/TPI 1 angle to grain aring plate capable of withstar ational Residential Code sect 5, 16, 17, 18, 19, 20 has/have r the orientation of the purlin I sufficient to support concent	=6.0psf; h=35ft; Cat. II; left and right exposed; L=1.60 any other live loads. as where a rectangle 3- formula. Building design nding 70 lb uplift at join tions R502.11.1 and R8 been modified. Buildir along the top and/or bc	06-00 tall by gner should v t 2 and 43 lb 302.10.2 and ng designer n	d right expos 2-00-00 wide rerify capacity uplift at joint referenced s nust review lo	ed;C-C for e will fit between / of bearing 11. tandard ANSI/ ads to verify	Her	North States	AROUNT POR
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalanced 2) Wind: ASCI exterior zon members an 3) Provide ade 4) This truss the bottom 6 6) Bearing at j surface. 7) Provide mee 8) This truss the bottom 6 6) Bearing at j surface. 7) Provide mee (the surface) 1) Load case(s) 1) Carphical p 1) Hanger(s) of (s) is the ree LOAD CASE(S) 1) Dead + Ro Uniform Loc Concentral 2) Dead + 0.7 Uniform Loc	Max Horiz 2 Max Uplift 2 (b) - Ma 2-3=-315 2-6=-166 d roof live loads have b E 7-10; Vult=130mph (: te and C-C Exterior (2) nd forces & MWFRS to squate drainage to prev as been designed for at has been designed for chord and any other m oint(s) 11 considers pa chanical connection (b s designed in accordant s) 1, 2, 3, 4, 5, 6, 7, 8, 1 e correct for the intend urlin representation do or other connection dev sponsibility of others. Standard tof Live (balanced): Lur vads (lb/ft) Vert: 3=-300 75 Roof Live (balanced)	=-70 (LC 6), 11=-43 (L x. Comp./Max. Ten A 9/165 9/271, 5-6=-164/253 een considered for this 3-second gust) Vasd=1 zone; cantilever left ar r reactions shown; Lur /ent water ponding. a 10.0 psf bottom chorc - a live load of 20.0psf of embers. rallel to grain value usi y others) of truss to be ce with the 2015 Interr 9, 10, 11, 12, 13, 14, 11 ed use of this truss. es not depict the size of ice(s) shall be provided mber Increase=1.15, P =-140, 5-8=-20): Lumber Increase=1.1	Il forces 250 (Ib) or less exce design. 03mph; TCDL=6.0psf; BCDL d right exposed ; end vertical ber DOL=1.60 plate grip DO live load nonconcurrent with on the bottom chord in all area ang ANSI/TPI 1 angle to grain aring plate capable of withstar ational Residential Code sect 5, 16, 17, 18, 19, 20 has/have r the orientation of the purlin I sufficient to support concent ate Increase=1.15	=6.0psf; h=35ft; Cat. II; left and right exposed; L=1.60 any other live loads. as where a rectangle 3- formula. Building design nding 70 lb uplift at join tions R502.11.1 and R8 been modified. Buildir along the top and/or bc	06-00 tall by gner should v t 2 and 43 lb 302.10.2 and ng designer n	d right expos 2-00-00 wide rerify capacity uplift at joint referenced s nust review lo	ed;C-C for e will fit between / of bearing 11. tandard ANSI/ ads to verify	Hand I wanter	0549 12/11/2	AROUNT 19 2024



Job		Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
7243	38232	P1	Truss	7	1	Job Reference (optional)
UFP M	id Atlantic LLC, 5631 S. N	NC 62, Burlington, NC, Joy Perry	Run: 8.81 S Sep			Sep 13 2024 MiTek Industries, Inc. Wed Dec 11 09:45:32 Page: 2 BwcGw4bQWzKH9V-omhWjliD4diw_xIUR3vPtGa8ocMVRK1vMk4MhgyA55n
	Uniform Loads (lb/ft)	20.24.400.5.8.40		12 Iquinit	acgept to	
	Concentrated Loads (lb)					
4)	,	-300 Pos. Internal) Case 1: Lumber Inci	rease=1.60, Plate Increase=1.60			
	Uniform Loads (lb/ft) Vert: 1-2	2=59, 2-3=49, 3-4=-28, 5-8=43				
	Horz: 1-2 Concentrated Loads (lb)	2=-71, 2-3=-61, 3-4=-64, 5-7=41)				
5)	Vert: 3= Dead + 0.6 C-C Wind (N	150 Neg. Internal) Case 1: Lumber Inc	rease=1.60, Plate Increase=1.60			
,	Uniform Loads (lb/ft)	2=-4, 2-3=-42, 3-4=-116, 5-8=-10				
		2=-16, 2-3=22, 3-4=16, 5-7=-38				
0)	Vert: 3=	-232				
6)	Uniform Loads (lb/ft)	· ,	crease=1.60, Plate Increase=1.60			
	Horz: 1-2	2=30, 2-3=17, 3-4=-52, 5-8=7 2=-42, 2-3=-29, 3-4=-40, 5-7=21				
	Concentrated Loads (lb) Vert: 3=					
7)	Dead + 0.6 MWFRS Win Uniform Loads (lb/ft)	nd (Pos. Internal) Right: Lumber I	ncrease=1.60, Plate Increase=1.60			
	Vert: 1-2	2=9, 2-3=15, 3-4=-69, 5-8=7 2=-21, 2-3=-27, 3-4=-23, 5-7=-16				
	Concentrated Loads (lb) Vert: 3=)				
8)	Dead + 0.6 MWFRS Wi		crease=1.60, Plate Increase=1.60			
		2=3, 2-3=-3, 3-4=-71, 5-8=-1				
	Concentrated Loads (lb)					
9)	Vert: 3=- Dead + 0.6 MWFRS Wir		ncrease=1.60, Plate Increase=1.60			
	Uniform Loads (lb/ft) Vert: 1-2	2=1, 2-3=-5, 3-4=-89, 5-8=-1				
	Horz: 1-: Concentrated Loads (lb)	2=-21, 2-3=-15, 3-4=-11, 5-7=-28)				
10)	Vert: 3=	-172	nber Increase=1.60, Plate Increase=1.60			
10)	Uniform Loads (lb/ft)	. ,	nuel inclease - 1.00, Flate inclease - 1.00			
	Horz: 1-2	2=23, 2-3=28, 3-4=-52, 5-8=-12 2=-35, 2-3=-40, 3-4=-40, 5-7=20				
	Concentrated Loads (lb) Vert: 3=	61				
11)	Dead + 0.6 MWFRS Win Uniform Loads (lb/ft)	nd (Pos. Internal) 2nd Parallel: Lu	mber Increase=1.60, Plate Increase=1.60			
		2=5, 2-3=11, 3-4=-69, 5-8=-12 2=-17, 2-3=-23, 3-4=-23, 5-7=-14				
	Concentrated Loads (lb) Vert: 3=0)				
12)			nber Increase=1.60, Plate Increase=1.60			
	Vert: 1-2	2=23, 2-3=28, 3-4=-52, 5-8=-12				
	Concentrated Loads (lb)					
13)	Vert: 3=0 Dead + 0.6 MWFRS Win		nber Increase=1.60, Plate Increase=1.60			
	Uniform Loads (lb/ft) Vert: 1-2	2=5, 2-3=11, 3-4=-69, 5-8=-12				
	Horz: 1-2 Concentrated Loads (lb)	2=-17, 2-3=-23, 3-4=-23, 5-7=-14)				
14)	Vert: 3=	6	nber Increase=1.60, Plate Increase=1.60			
14)	Uniform Loads (lb/ft)					A CAD
	Horz: 1-2	2=15, 2-3=9, 3-4=-71, 5-8=-20 2=-35, 2-3=-29, 3-4=-29, 5-7=8				STATISTICS AND
	Concentrated Loads (lb) Vert: 3=-					1 E S TONE
15)	Dead + 0.6 MWFRS Win Uniform Loads (lb/ft)	nd (Neg. Internal) 2nd Parallel: Lu	mber Increase=1.60, Plate Increase=1.60			APINCALLON
	Vert: 1-2	2=-3, 2-3=-9, 3-4=-89, 5-8=-20 2=-17, 2-3=-11, 3-4=-11, 5-7=-26				054919
	Concentrated Loads (lb) Vert: 3=-)				12/11/2024
16)	Dead: Lumber Increase	=0.90, Plate Increase=0.90 Plt. m	etal=0.90			TUN NGINEE OS
	Uniform Loads (lb/ft)					ER B.



Job		Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
724	38232	P1	Truss	7	1	Job Reference (optional)
JFP N	lid Atlantic LLC, 5631 S. I	NC 62, Burlington, NC,	Joy Perry	Run: 8.81 S Sep 13 2024 Pri	int: 8.810 \$	S Sep 13 2024 MiTek Industries, Inc. Wed Dec 11 09:45:32 Page: 3
				ID:q6xmE	DaGgGpr4	T8wcGw4bQWzKH9V-omhWjliD4diw_xIUR3vPtGa8ocMVRK1vMk4MhgyA55n
	Vert: 1-3	3=-20, 3-4=-100, 5-8=-2	20			
	Concentrated Loads (lb)				
	Vert: 3=	-150				
17)		(bal.) + 0.75(0.6 MWFR	S Wind (Neg. Int) Left): Lumber Increase=1	.60, Plate Increase=1.60		
	Uniform Loads (lb/ft)					
		2=-33, 2-3=-37, 3-4=-10				
		2=-17, 2-3=-13, 3-4=-2	2, 5-7=7			
	Concentrated Loads (Ib	,				
10)	Vert: 3=		O M(a d (No a) lat) Disk(), Lunch as la second	1.00 Plate la second 1.00		
18)	Uniform Loads (lb/ft)	(Dal.) + 0.75(0.6 WWFR	S Wind (Neg. Int) Right): Lumber Increase=	=1.60, Plate Increase=1.60		
	· · · ·	2=-34. 2-3=-39. 3-4=-12	2 5 8 - 6			
		2=-16. 2-3=-11. 3-4=-8	,			
	Concentrated Loads (lb		, 3-721			
	Vert: 3=	,				
19)			S Wind (Neg. Int) 1st Parallel): Lumber Incr	ease=1.60. Plate Increase=1.6	60	
-,	Uniform Loads (lb/ft)	()				
	· · · · ·	2=-24, 2-3=-28, 3-4=-10	08, 5-8=-20			
	Horz: 1-	2=-26, 2-3=-22, 3-4=-2	2, 5-7=6			
	Concentrated Loads (lb)				
	Vert: 3=	-318				
20)		(bal.) + 0.75(0.6 MWFR	S Wind (Neg. Int) 2nd Parallel): Lumber Inc	rease=1.60, Plate Increase=1.	60	
	Uniform Loads (lb/ft)					
		2=-37, 2-3=-42, 3-4=-12	,			
		2=-13, 2-3=-8, 3-4=-8,	5-7=-19			
	Concentrated Loads (Ib	,				
	Vert: 3=	-279				



This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component 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 and permanent bracing. Refer to Building Certification is valid only when truss is for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



Job	Tru	SS	Truss Type		Qty	Ply	MUN	IGO HC	MES -	MCDC	OWELL C ROC)F
72438232	P2		Truss		1	2			-			
JFP Mid Atlantic L	LC, 5631 S. NC 62	, Burlington, NC, Joy Perry		Run: 8.81 S S	ep 13 2024	Print: 8.810		Referen 2024 MiT		,	nc. Wed Dec 11 (09:45:32 Page: 1
					ID:q6x	mDaGgGpr4	T8wcGw4	bQWzKł	19V-omh	WjliD4o	diw_xIUR3vPtGa	7dcMHRKkvMk4MhgyA55n
				2-10-0 2-10-0	4-1-8 1-3-8							
				4-1-8	7x8=							
				5 ¹² 6 81 81 81	5x6 = 23 12 12 12 12 12 10 5 3x4 = 3x4 =	0-11-0	0-8-9					
				HHUS26-2 0-1-8 2-11-12 -1-8 0-1-8	4-1- 3-10-0 ↓ ↓ 0-10-4 0-3-							
Plate Offsets (X, Y	′): [2:0-1-8,	,0-2-0], [3:Edge,0-4-0]										
Loading TCLL (roof) TCDL	(psf 20.0 10.0	Plate Grip DOLLumber DOL	2-0-0 1.15 1.15	CSI TC BC	0.53 \ 0.29 \	DEFL /ert(LL) /ert(CT)	in 0.01 -0.01	(loc) 5-9 5-9	l/defl >999 >999	L/d 240 180	PLATES MT20	GRIP 244/190
BCLL BCDL	0.0 10.0		NO IRC2015/TPI2014	WB Matrix-MR	0.04	Horz(CT)	0.00	1	n/a	n/a	Weight: 41 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS REACTIONS	2x6 SP No.2 2x4 SP No.3 2x4 SP No.3 (Ib/size) Max Horiz	1=46 (LC 8)	3), 10=603/0-3-8, (min. 0-1-8	Т	BRACING "OP CHORI BOT CHORI		verticals,	and 2-0-	0 oc purl	ins: 2-3		oc purlins, except end
FORCES TOP CHORD BOT CHORD	(lb) - 1-2=	1=-208 (LC 8), 10=-161 Max. Comp./Max. Ten / -531/121, 2-3=-450/118, 4 =-124/486, 5-11=-120/486	All forces 250 (lb) or less exc -10=-88/335	ept when shown.								
 Top chords Bottom cho Web conne All loads ar have been Unbalanced Wind: ASC exterior zor DOL=1.60 Provide add This truss the bottom Bearing at surface. Provide ms i TPI 1. Load case(to be connected tog s connected as follor ords connected as follows: 2x- rected as follows: 2x- re considered equal provided to distribu to roof live loads hav E 7-10; Vult=130mp ne; cantilever left ar equate drainage to nas been designed chord and any othe piont(s) 10 considers echanical connection s designed in accor (s) 14 has/have bee	gether with 10d (0.131*x3" ws: 2x4 - 1 row at 0-9-0 oc ollows: 2x6 - 2 rows stagge 4 - 1 row at 0-9-0 oc. ly applied to all plies, exce te only loads noted as (F) ve been considered for this of (3-second gust) Vasd=1 dright exposed ; end verti prevent water ponding. for a 10.0 psf bottom chord of ra a live load of 20.0psf or members. s parallel to grain value usi n (by others) of truss to be dance with the 2015 Interr n modified. Building design	a nails as follows: c, 2x6 - 2 rows staggered at 0 red at 0-9-0 oc. pt if noted as front (F) or bac or (B), unless otherwise indic s design. 03mph; TCDL=6.0psf; BCDI ical left and right exposed; po d live load nonconcurrent with on the bottom chord in all are ing ANSI/TPI 1 angle to grain aring plate capable of withsta national Residential Code sec her must review loads to veri	k (B) face in the LOAD cated. L=6.0psf; h=35ft; Cat. I proch left and right expo n any other live loads. eas where a rectangle : n formula. Building des anding 208 lb uplift at jo tions R502.11.1 and F fy that they are correct	II; Exp B; Er Ised; Lumbe 3-06-00 tall signer shoul oint 1 and 1 R802.10.2 a t for the inte	hclosed; MW er DOL=1.60 by 2-00-00 v ld verify capa 61 lb uplift a ind reference nded use of	/FRS (enver plate grip wide will fit acity of bea t joint 10.	elope) : betweer aring	1		WITH C	ARO
 Use Simpsichord. Use Simpsichord. Fill all nail h Hanger(s) of (s) is the re 	on Strong-Tie TJC3 on Strong-Tie HHU holes where hanger or other connection sponsibility of other Standard	7 (4 nail, 90-90) or equiva S26-2 (14-10d Girder, 4-10 is in contact with lumber. device(s) shall be provide s.	or the orientation of the purlin lent at 0-0-12 from the left er Dd Truss) or equivalent at 1-6 d sufficient to support concer	nd to connect truss(es) 5-8 from the left end to	to front fac connect tru	e of bottom o iss(es) to fro	nt face of t		4	The Aller	054 12/11/	2024
,	oads (lb/ft)	Lumber Increase=1.15, P 2-3=-60, 4-7=-20	iaie IIICIedS8=1.10							with	SUNTER	NEEP. SS IN



Job	Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72438232	P2	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. Wed Dec 11 09:45:32 Page: 2

Vert: 2=-300, 7=-258 (F), 11=-652 (F) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90

Uniform Loads (lb/ft)

Vert: 1-2=-20, 2-3=-20, 4-7=-20 Concentrated Loads (lb)

14)

Vert: 2=-150, 7=-124 (F), 11=-300 (F)





Job	Truss	Truss Type		Qty	Ply	MUNGO HO	MES - M	//CDO	WELL C ROOF	- 1
72438232	P3	Truss		2	1		-			
UFP Mid Atlantic LLC, 5631	S. NC 62, Burlington, N		Run: 8.81 S Se		-	Job Referen Sep 13 2024 Mil		,	c. Wed Dec 11 09	:45:32 Page: 1
				-		-				dcOkRNOvMk4MhgyA55n
		1-1-6	5x6 = 2x3 Ib 2 7 77 7 7 7 7 7	3 x8 = 3 2 x8 = x8 = x8 = x8 = x8 =	80 - 1 80 - 1	-				
Plate Offsets (X, Y): Loading TCLL (roof) TCDL BCLL BCDL	[2:0-1-8,0-2-0], [3:Edg (psf) Spacing 20.0 Plate Gr 10.0 Lumber 0.0* Rep Stre 10.0 Code	g 2-0-0 ip DOL 1.15 DOL 1.15	CSI TC BC WB Matrix-MSH	0-3-8 DEI 0.14 Ver 0.14 Ver	:L (LL) (CT) z(CT)	in (loc) 0.00 5 0.00 5 0.00 8	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 14 lb	GRIP 244/190 FT = 20%
BOT CHORD2x4 SP 1WEBS2x4 SP 1OTHERS2x4 SP 1REACTIONS(lt)	No.3 No.3 o/size) 6=244/ Mec	shanical, (min. 0-1-8), 8=206/0-3-8, (min.	TC BC	RACING DP CHORD DT CHORD	V	ructural wood sh rticals, and 2-0- gid ceiling direct	0 oc purlin	ns: 2-3.		c purlins, except end
M FORCES NOTES 1) Unbalanced roof live 2) Wind: ASCE 7-10; Vu exterior zone and C-C members and forces 3) Provide adequate dra 4) This truss has been d 5) * This truss has been d 5) * This truss has been d 6) Bearing at joint(s) 8 c surface. 7) Provide mechanical c 8) This truss is designed TPI 1. 9) Load case(s) 16 has// 10) Graphical purlin repred 11) Hanger(s) or other co (s) is the responsibilit LOAD CASE(S) Sta 1) Dead + Roof Live (b) Uniform Loads (lb/ft) Vert: Concentrated Loads Uniform Loads (lb/ft) Vert:	(lb) - Max. Comp./N loads have been consid It=130mph (3-second g) Exterior (2) zone; can & MWFRS for reactions inage to prevent water esigned for a 10.0 psf t designed for a	5), 8=-61 (LC 6) Max. Ten All forces 250 (lb) or less exc dered for this design. Just) Vasd=103mph; TCDL=6.0psf; BCDI tilever left and right exposed ; end vertical s shown; Lumber DOL=1.60 plate grip DC ponding. bottom chord live load nonconcurrent with d of 20.0psf on the bottom chord in all are in value using ANSI/TPI 1 angle to grain - of truss to bearing plate capable of withsta a 2015 International Residential Code sec uilding designer must review loads to veri- ict the size or the orientation of the purlin Il be provided sufficient to support concer ase=1.15, Plate Increase=1.15 ase=0.90 Plt. metal=0.90	L=6.0psf; h=35ft; Cat. II; al left and right exposed; DL=1.60 n any other live loads. eas where a rectangle 3 formula. Building desig anding 55 lb uplift at join ctions R502.11.1 and R4 fy that they are correct f along the top and/or bo	; porch left an -06-00 tall by ner should ve at 6 and 61 lb 802.10.2 and for the intende bttom chord.	d right expo 2-00-00 wic rify capacity uplift at join referenced ad use of thi	sed;C-C for e will fit betweer of bearing 8. standard ANSI/ s truss.	H	and the second s	08 TH CA 0549 12/11/2 12/11/2	19 1024 0024



Job	Truss	Truss Type	Qty F	Ply	MUNGO HOMES	- MCDC		-
72438232	P4	Truss		1				
	NC 62, Burlington, NC, Joy Perry		Sep 13 2024 Print:		Job Reference (o p 13 2024 MiTek Ind	, ,	nc. Wed Dec 11 09	9:45:32 Page: 1
		4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 12 12 12 12 12 12 12 12 12 12 12 12 12		Ţ			
Loading FCLL (roof) FCDL SCLL SCDL LUMBER TOP CHORD 2x4 SP No.2			0-10-4 0-3-8 0.17 Vert(L1 0.19 Vert(C 0.00 Horz(C BRACING TOP CHORD	T) -0 CT) 0 Stru	in (loc) l/de 0.00 6 >99 0.01 6 >99 0.00 9 n/ 0.00 9 n/ ictural wood sheathir icals, and 2-0-0 oc p	9 240 9 180 a n/a		GRIP 244/190 FT = 20% c purlins, except end
FORCES TOP CHORD	3 3 ze) 7=223/ Mechanical, (mir Horiz 7=-49 (LC 8) Uplift 7=-77 (LC 6), 9=-70 (LC	ı. 0-1-8), 9=227/0-3-8, (min. 0-1-8)	BOT CHORD		d ceiling directly app			
 Wind: ASCE 7-10; Vult= exterior zone and C-C E exposed;C-C for membe Provide adequate draina This truss has been desi * This truss has been desi * This truss has been desi * This truss has been desi Bearing at joint(s) 9 cons surface. Provide mechanical conr This truss is designed in TPI 1. Graphical purlin represer Hanger(s) or other conne (s) is the responsibility of LOAD CASE(S) Standa Dead + Roof Live (balar Uniform Loads (lb/ft) 	kterior (2) 0-1-12 to 2-0-4 zone; c rs and forces & MWFRS for reac 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. iders parallel to grain value using nection (by others) of truss to bea accordance with the 2015 Intern natation does not depict the size o action device(s) shall be provided others. and heced): Lumber Increase=1.15, PI 22=-60, 3-4=-60, 5-7=-20)	03mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat antilever left and right exposed ; end vertical left tions shown; Lumber DOL=1.60 plate grip DOL= live load nonconcurrent with any other live loads in the bottom chord in all areas where a rectangle g ANSI/TPI 1 angle to grain formula. Building de tring plate capable of withstanding 77 lb uplift at j ational Residential Code sections R502.11.1 and r the orientation of the purlin along the top and/oi I sufficient to support concentrated load(s) . The	and right exposed; :1.60 s. e 3-06-00 tall by 2-0 signer should verify joint 7 and 70 lb upl d R802.10.2 and ref r bottom chord.	porch left a 00-00 wide capacity o lift at joint 9 erenced sta	and right will fit between f bearing andard ANSI/	The second secon	ORTH C	ROLING



Job	Truss	Truss Type		Qty	Ply	MUNGO I	HOMES -	MCDC	WELL C ROO	F
72438232	P5	Truss		1	1					
	NC 62, Burlington, NC, Joy Perry	11000	Run: 8.81 S Sep	13 2024 Pr		Job Refer		,	nc. Wed Dec 11 0	9:45:33 Page: 1
,	,									7Nt0f9ArZ2aOqvE7yA55m
		+ 1-10-4 + 0-3-8	1.5x3 u $1.5x3 u$ $1 - 2$ $0 - 1 - 2$ $0 - 1 - 2$ $1.5x$ $1.5x$ $2x3 u$ $1.5x$	-f x6= 2 78 x4= 31 -5-8	0-8-4	Ì				
Plate Offsets (X, Y): [2 Loading TCLL (roof) TCDL BCLL BCDL	Spacing (psf) Spacing 20.0 Plate Grip DOL 10.0 Lumber DOL 0.0* Rep Stress Incr 10.0 Code	2-0-0 CSI 1.15 TC 1.15 BC YES WB IRC2015/TPI2014 Matr	rix-MR	0.24 Ver 0.51 Ver	FL rt(LL) rt(CT) rz(CT)	in (loc -0.01 4- -0.02 4- -0.01	5 >999 5 >999	L/d 240 180 n/a	PLATES MT20 Weight: 10 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No OTHERS 2x4 SP No REACTIONS (lb/s Max	2 3 3	. 0-1-8), 7=275/0-3-8, (min. 0-1-8)	toi BO	ACING P CHORD T CHORD		2-0-0 oc purlins Rigid ceiling dir	,	•	verticals. 0-0 oc bracing.	
FORCES TOP CHORD WEBS NOTES 1) Unbalanced roof live loa 2) Wind: ASCE 7-10; Vulte exterior zone and C-C E members and forces & I 3) Provide adequate drains 4) This truss has been des 5) * This truss has been des 5) * This truss has been de the bottom chord and ar 6) Bearing at joint(s) 7 con surface. 7) Provide mechanical con 8) This truss is designed in TPI 1. 9) Load case(s) 1, 2, 3, 4, that they are correct for 10) Graphical purlin represe 11) Hanger(s) or other conn (s) is the responsibility of LOAD CASE(S) Stand 1) Dead + Roof Live (bala Uniform Loads (lb/ft) Vert: 1= 2) Dead + 0.75 Roof Live Uniform Loads (lb/ft) Vert: 1=	1-4=-393/93, 3-7=-83/270, 2-7=- 2-7=-285/89 ds have been considered for this :130mph (3-second gust) Vasd=10 :xterior (2) zone; cantilever left am WFRS for reactions shown; Lum age to prevent water ponding. igned for a live load of 20.0psf o signed for a live load of 20.0psf o ty other members. siders parallel to grain value using nection (by others) of truss to bea a accordance with the 2015 Interne 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 the intended use of this truss. Intation does not depict the size of ection device(s) shall be provided of others. ard nced): Lumber Increase=1.15, Pla 2=-140, 4-5=-80, 3-4=-20)) -300 (balanced): Lumber Increase=1.11 2=-130, 4-5=-70, 3-4=-20 b)	I forces 250 (lb) or less except wh 83/270 design. J3mph; TCDL=6.0psf; BCDL=6.0p d right exposed ; end vertical left a ber DOL=1.60 plate grip DOL=1.6 live load nonconcurrent with any of n the bottom chord in all areas wh I ANSI/TPI 1 angle to grain formuli ring plate capable of withstanding titional Residential Code sections I , 16, 17, 18, 19, 20 has/have beer the orientation of the purlin along sufficient to support concentrated the Increase=1.15 5, Plate Increase=1.15	esf; h=35ft; Cat. II; ind right exposed; o other live loads. ere a rectangle 3- a. Building design 10 lb uplift at joint R502.11.1 and R8 n modified. Building the top and/or bot	porch left an 06-00 tall by er should ve 5 and 15 lb 02.10.2 and g designer r ttom chord.	nd right expo 2-00-00 wid erify capacit uplift at join I referenced nust review	de will fit betwe y of bearing it 7. standard ANS loads to verify	1/	The second secon	0549 12/11/2 12/11/2	AROLINE 19 2024



Job		Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
7243	38232	P5	Truss	1	1	Job Reference (optional)
UFP M	id Atlantic LLC, 5631 S. N	NC 62, Burlington, NC, Joy Perry	Run: 8.81 S Sep			Sep 13 2024 MiTek Industries, Inc. Wed Dec 11 09:45:33 Page: 2 T8wcGw4bQWzKH9V-GzFuwejrrxqnb5tg_nRePU7Nt0f9ArZ2aOqvE7yA55m
	Uniform Loads (lb/ft)	2=-100, 3-5=-40		15 Idola	in Bacgopi i	
	Concentrated Loads (lb))				
4)		-300 Pos. Internal) Case 1: Lumber Inci	rease=1.60, Plate Increase=1.60			
		2=-28, 4-5=-18, 3-4=43				
	Horz: 1-4 Concentrated Loads (lb)	4=-41, 3-6=41)				
5)	Vert: 1= Dead + 0.6 C-C Wind (N	114 Neg. Internal) Case 1: Lumber Inc	rease=1.60, Plate Increase=1.60			
- /	Uniform Loads (lb/ft)	2=-116, 4-5=-46, 3-4=-10				
		4=38, 3-6=-38				
0)	Vert: 1=	-210				
6)	Uniform Loads (lb/ft)		crease=1.60, Plate Increase=1.60			
	Horz: 1-	2=-52, 4-5=-18, 3-4=7 4=16, 3-6=21				
	Concentrated Loads (lb) Vert: 1=					
7)	Dead + 0.6 MWFRS Win Uniform Loads (lb/ft)	nd (Pos. Internal) Right: Lumber I	ncrease=1.60, Plate Increase=1.60			
	Vert: 1-2	2=-52, 4-5=-18, 3-4=7 4=-21, 3-6=-16				
	Concentrated Loads (lb) Vert: 1=)				
8)	Dead + 0.6 MWFRS Win		crease=1.60, Plate Increase=1.60			
		2=-71, 4-5=-46, 3-4=-1				
	Concentrated Loads (lb)					
9)	Vert: 1=- Dead + 0.6 MWFRS Wir		ncrease=1.60, Plate Increase=1.60			
	Uniform Loads (lb/ft) Vert: 1-2	2=-71, 4-5=-46, 3-4=-1				
	Horz: 1- Concentrated Loads (lb)	4=-10, 3-6=-28				
10)	Vert: 1=	-129	nber Increase=1.60, Plate Increase=1.60			
10)	Uniform Loads (lb/ft)		noo morease=1.00, 1 late morease=1.00			
	Horz: 1-	2=-52, 4-5=-18, 3-4=-12 4=14, 3-6=20				
	Concentrated Loads (Ib) Vert: 1=	56				
11)	Dead + 0.6 MWFRS Win Uniform Loads (lb/ft)	nd (Pos. Internal) 2nd Parallel: Lu	mber Increase=1.60, Plate Increase=1.60			
		2=-52, 4-5=-18, 3-4=-12 4=-20, 3-6=-14				
	Concentrated Loads (lb) Vert: 1=					
12)			mber Increase=1.60, Plate Increase=1.60			
	Vert: 1-2	2=-52, 4-5=-18, 3-4=-12 4=14, 3-6=20				
	Concentrated Loads (lb))				
13)			nber Increase=1.60, Plate Increase=1.60			
		2=-52, 4-5=-18, 3-4=-12				
	Horz: 1-4 Concentrated Loads (lb)	4=-20, 3-6=-14)				
14)	Vert: 1= Dead + 0.6 MWFRS Wir		mber Increase=1.60, Plate Increase=1.60			
	Uniform Loads (lb/ft) Vert: 1-2	2=-71, 4-5=-46, 3-4=-20				WITH CARO
		4=26, 3-6=8				Statisticia WK
15)	Vert: 1=	-178	mber Increase-1.60. Dicto Increase-1.60			E So DE BA
15)	Uniform Loads (lb/ft)		mber Increase=1.60, Plate Increase=1.60			WUNGAL
	Horz: 1-	2=-71, 4-5=-46, 3-4=-20 4=-8, 3-6=-26				054919
	Concentrated Loads (Ib) Vert: 1=-	-129				12/11/2024
16)	Dead: Lumber Increase Uniform Loads (lb/ft)	=0.90, Plate Increase=0.90 Plt. m	etal=0.90			WITED B DOWN
-						The B. Market



Job		Truss	Truss Type	Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
724	38232	P5	Truss	1	1	Job Reference (optional)
JFP N	1id Atlantic LLC, 5631 S.	NC 62, Burlington, NC,	Joy Perry	Run: 8.81 S Sep 13 2024 P	rint: 8.810 S	Sep 13 2024 MiTek Industries, Inc. Wed Dec 11 09:45:33 Page: 3
				ID:q6>	mDaGgGpr	4T8wcGw4bQWzKH9V-GzFuwejrrxqnb5tg_nRePU7Nt0f9ArZ2aOqvE7yA55m
		2=-100, 4-5=-40, 3-4=-	20			
	Concentrated Loads (It	,				
	Vert: 1=					
17)		(bal.) + 0.75(0.6 MWFI	RS Wind (Neg. Int) Left): Lumber Increase=1.6	0, Plate Increase=1.60		
	Uniform Loads (lb/ft)					
		2=-108, 4-5=-74, 3-4=- -4=21, 3-6=7	6			
	Concentrated Loads (It	,				
	Vert: 1	,				
18)		÷	RS Wind (Neg. Int) Right): Lumber Increase=1.	60. Plate Increase=1.60		
,	Uniform Loads (lb/ft)	() · · · · · · (· · · · ·	······································			
		2=-108, 4-5=-74, 3-4=-	6			
	Horz: 1	-4=-7, 3-6=-21				
	Concentrated Loads (It))				
	Vert: 1-	-272				
19)	Dead + 0.75 Roof Live	(bal.) + 0.75(0.6 MWFI	RS Wind (Neg. Int) 1st Parallel): Lumber Increa	se=1.60, Plate Increase=1.	.60	
	Uniform Loads (lb/ft)					
		2=-108, 4-5=-74, 3-4=-	20			
		-4=19, 3-6=6				
	Concentrated Loads (It	,				
201	Vert: 1=		RS Wind (Neg. Int) 2nd Parallel): Lumber Incre	ana 1.00 Diata inarrana 1	<u> </u>	
20)	Uniform Loads (lb/ft)	(bal.) + 0.75(0.6 WWF)	RS wind (Neg. Int) 2nd Parallel): Lumber Incre	ase=1.60, Plate increase=1	.60	
	· · ·	2=-108, 4-5=-74, 3-4=-	20			
		-4=-6, 3-6=-19	20			
	Concentrated Loads (It					
	Vert: 1=	,				



This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component 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 and permanent bracing. Refer to Building Certification is valid only when truss is for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



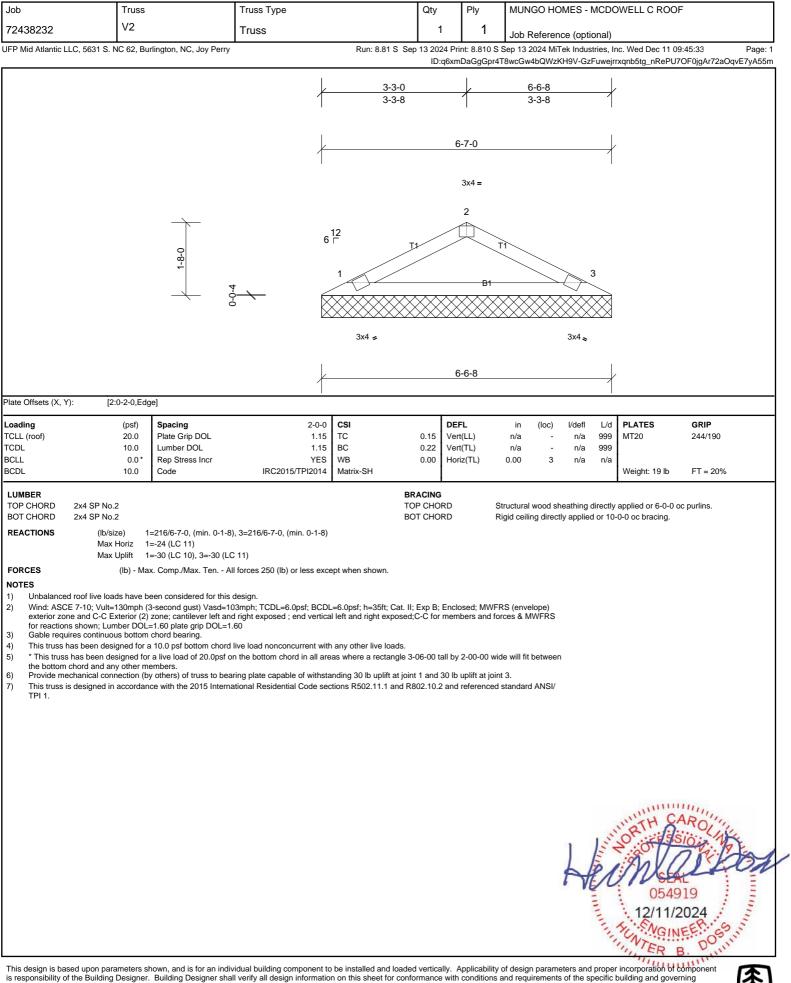
								450 140		-
Job	Tru: P6	SS	Truss Type		Qty	Ply	MUNGO HON	/IES - MCI	DOWELL C ROO	-
72438232			Truss		1	1	Job Reference			
UFP Mid Atlantic LL	.C, 5631 S. NC 62,	Burlington, NC, Joy Perry	,	Run: 8.81 S	-		-		s, Inc. Wed Dec 11 09 ejrrxqnb5tg_nRePU7	9:45:33 Page: 1 7MY0irAr72aOqvE7yA55m
				-0-6-0 	3-4-7 3-4-7		6-8-14 3-4-7			
				<u> </u>	6 ¹²	<u>6-8-14</u> 3x4=				
		2:3-2	0-4-12	1	1.5x3 6 5	3	1.5x3 II 8 5TT 7	4		
				3x4 =	1.5x3	II	1.5x3 II	3x4 =		
				0-1-8 0-1-8		<u>6-8-14</u> 6-7-6				
Plate Offsets (X, Y):	: [3:0-2-0,	Edge]								
Loading TCLL (roof) TCDL BCLL BCDL	(psf 20.0 10.0 0.0 10.0	Plate Grip DOL Lumber DOL * Rep Stress Incr	2-0-0 1.15 1.15 YES IRC2015/TPI2014	CSI TC BC WB Matrix-MSH	0.27 Ve	FL t(LL) t(CT) rz(CT)		l/defl L/ >979 24 >999 18 n/a n/	40 MT20 80	GRIP 244/190 FT = 20%
BOT CHORD	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3				BRACING TOP CHORD BOT CHORD		tructural wood she igid ceiling directly	-	ctly applied or 6-0-0 c	c purlins.
REACTIONS	(Ib/size) Max Horiz Max Uplift	2=38 (LC 10)	3), 4=268/ Mechanical, (min. (D-1-8)						
FORCES TOP CHORD BOT CHORD	2-3=	Max. Comp./Max. Ten / 298/283, 3-4=-297/283 219/253	All forces 250 (lb) or less exce	pt when shown.						
 Wind: ASCE exterior zone members an Truss desigr Gable studs This truss ha * This truss ha * This truss ha Provide mec 	7-10; Vult=130mp e and C-C Exterior d forces & MWFR ned for wind loads spaced at 2-0-0 or as been designed thas has been designed thord and any othe chanical connection	(2) zone; cantilever left ar S for reactions shown; Lur in the plane of the truss or c. or a 10.0 psf bottom chord for a live load of 20.0psf r members. (by others) of truss to be	03mph; TCDL=6.0psf; BCDL ad right exposed ; end vertical nber DOL=1.60 plate grip DO	l left and right expos L=1.60 any other live loads as where a rectangle nding 53 lb uplift at j	ed; porch left a s. e 3-06-00 tall by joint 4 and 57 lb	nd right expo 2-00-00 wic uplift at joint	bsed;C-C for de will fit between t 2.			
								Line Internet	0549 12/11/2	AROUNT 19



Job	Truss		Truss Type		Qty	Ply	MUNGO HOMES - MCDOWELL C ROOF
72438232	P7				1	Piy 2	MUNGO HOMES - MCDOWELL C ROOF
		urlington, NC, Joy Perry	Truss	Dup: 9.91 C. C			Job Reference (optional) Sep 13 2024 MiTek Industries, Inc. Wed Dec 11 09:45:33 Page: 1
	.с, 5031 З. NC 02, Б	unington, NC, Joy Ferry		Ruii. 0.01 3 3			Sep 13 2024 Wirke Industries, inc. wed Dec 11 09.45.53 Fage. /8wcGw4bQWzKH9V-GzFuwejrrxqnb5tg_nRePU7PT0kUAqP2aOqvE7yA55n
					<u>3-4-7</u> 3-4-7	6-8-14	<u>6-8-14</u> 3-4-7
		2:3-2	0-4-12	1 2V 3x5=	6 ¹²	5x4= 3 W1 B1 5 13 2x5 II	1 3x5=
Plate Offsets (X, Y):	12-0.4.7 E			<i>11</i>	LUS26 <u>3-4-7</u> 3-2-15	LUS2	26 LUS26
,		dge], [4:0-1-7,Edge]	0.0.0	001			
Loading TCLL (roof) TCDL	(psf) 20.0 10.0	Spacing Plate Grip DOL Lumber DOL	2-0-0 1.15 1.15	CSI TC BC		t(LL)	in (loc) l/defl L/d PLATES GRIP 0.01 5-8 >999 240 MT20 244/190 -0.01 5-8 >999 180
BCLL BCDL	0.0* 10.0	Rep Stress Incr Code	NO IRC2015/TPI2014	WB Matrix-MSH	0.11 Ho	z(CT)	0.00 4 n/a n/a Weight: 60 lb FT = 20%
BOT CHORD	2x4 SP No.2 2x6 SP No.2 2x4 SP No.3 (lb/size)	2-779/0-3-0 (min 0-1-8	, 4=672/ Mechanical, (min. 1	T B	RACING OP CHORD OT CHORD		Structural wood sheathing directly applied or 6-0-0 oc purlins. Sigid ceiling directly applied or 10-0-0 oc bracing.
REACTIONS	Max Horiz	2=38 (LC 25) 2=-159 (LC 8), 4=-164 (L		0-1-0)			
FORCES TOP CHORD BOT CHORD WEBS NOTES	2-3=-83 2-12=-7 3-5=-14	31/219, 3-4=-827/217 166/723, 5-12=-166/723, 14/536	l forces 250 (lb) or less exce 5-13=-166/723, 4-13=-166/7				
Top chords of Bottom chord Web connec 2) All loads are have been p 3) Unbalanced 4) Wind: ASCE	connected as follows ds connected as follo ted as follows: 2x4 - considered equally rovided to distribute roof live loads have 7-10; Vult=130mph	applied to all plies, excep only loads noted as (F) o been considered for this (3-second gust) Vasd=10	ed at 0-9-0 oc. t if noted as front (F) or bacł r (B), unless otherwise indic	ated. .=6.0psf; h=35ft; Cat. I	I; Exp B; Encl	osed; MWFR	RS (envelope)
 This truss hat * This truss hat the bottom c Provide mec This truss is TPI 1. 	has been designed for chord and any other r chanical connection (designed in accorda	or a live load of 20.0psf on nembers. by others) of truss to bear nce with the 2015 Interna	live load nonconcurrent with n the bottom chord in all are ring plate capable of withsta tional Residential Code sec ret to 0.42 from the loft op	as where a rectangle : inding 164 lb uplift at jo tions R502.11.1 and F	oint 4 and 159 8802.10.2 and	lb uplift at jo referenced s	oint 2. standard ANSI/
 Use Simpson end to 6-1-12 Fill all nail ho LOAD CASE(S) Dead + Roo 	n Strong-Tie LUS26 2 to connect truss(es oles where hanger is Standard of Live (balanced): Lu			()			
Uniform Loa	Vert: 1-3=-60, 3- ed Loads (lb)	4=-60, 6-9=-20 , 9=-227 (F), 12=-203 (F)	13=-224 (F)				054919 12/11/2024
This design is here		abour and is far as in the		he installed and to		Appliantility	of design parameters and proper incorporation of component



Job	Truss		Truss Type			Qty	Ply	MUNG	GO HOMES	- MCDO	OWELL C ROO	F	
72438232	V1		Truss			1	1	Job R	eference (oj	ptional)			
FP Mid Atlantic LL	.C, 5631 S. NC 62, Bu	rlington, NC, Joy Perry			Run: 8.81 S Sep			-			nc. Wed Dec 11 0 qnb5tg_nRePU70		Page: 1 ovE7vA55m
						<u>1-7-0</u> 1-7-8		<u>3-2-8</u> 1-7-8	7				
					6 ¹²		3-3-0 3x4 = 2		7				
			0-10-0	0-0 4-	-	3x4	B1	3 3x4 ≈	XX				
late Offsets (X, Y):	: [2:0-2-0,Edg	nel					3-2-8		\rightarrow				
.oading -CLL (roof) -CDL -CDL -CDL -CDL -CDL -CDL -CDL	(psf) 20.0 10.0 0.0*	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr	IDCOD45	2-0-0 1.15 1.15 YES	CSI TC BC WB Matrix P	0.02 0.05	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) l/det - n/a - n/a 3 n/a	a 999 a 999	MT20	GRIP 244/190 FT = 20%	
LUMBER TOP CHORD	10.0 2x4 SP No.2 2x4 SP No.2	Code	IRC2015	5/TPI2014	TO	ACING P CHOR T CHOR					Veight: 8 lb / applied or 3-4-0 o -0-0 oc bracing.		
REACTIONS	(lb/size) 1 Max Horiz 1 Max Uplift 1	=83/3-3-0, (min. 0-1-8) =9 (LC 14) =-11 (LC 10), 3=-11 (L x. Comp./Max. Ten A	C 11)						J		j		
 Wind: ASCE exterior zone for reactions Gable requirit This truss hat * This truss hat the bottom cl Provide mec 	7-10; Vult=130mph (; e and C-C Exterior (2) shown; Lumber DOL res continuous bottom as been designed for ahas been designed for hord and any other m chanical connection (b)	zone; cantilever left an =1.60 plate grip DOL=1 chord bearing. a 10.0 psf bottom chorc r a live load of 20.0psf of embers. y others) of truss to bear	03mph; TCDL=6. d right exposed ; .60 l live load noncond on the bottom chor aring plate capable	end vertica current with rd in all are e of withsta	=6.0psf; h=35ft; Cat. II; I left and right exposed; any other live loads. as where a rectangle 3- nding 11 lb uplift at joint tions R502.11.1 and R8	C-C for n 06-00 tal t 1 and 1	hembers and f I by 2-00-00 v 1 Ib uplift at jo	forces & M\ vide will fit b int 3.	WFRS				
									4	In the second	Not the C	AROLI	don.
										a construction of the	0549 12/11/2 SUNTER	2024 IEER. 69 B. DOGS	Numper-
is responsibility of t codes and ordinand fabricated by a UFF	ces. Building Designer ces. Building Designer PI plant. Bracing sho	 Building Designer sha er accepts responsibility 	all verify all design / for the correctne of truss members	ss or accur only and o	be installed and loaded n on this sheet for confo acy of the design inform loes not replace erection s Plate Institute.	nation as	with conditions it may relate t	s and requi	rements of the building. Cer	e specific tification	is valid only when	rning truss is	



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.



