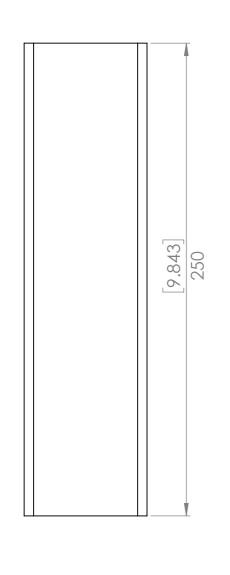
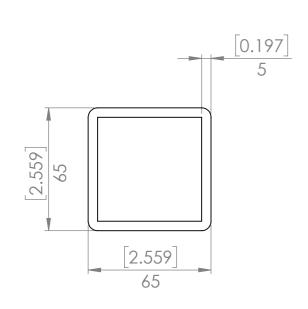
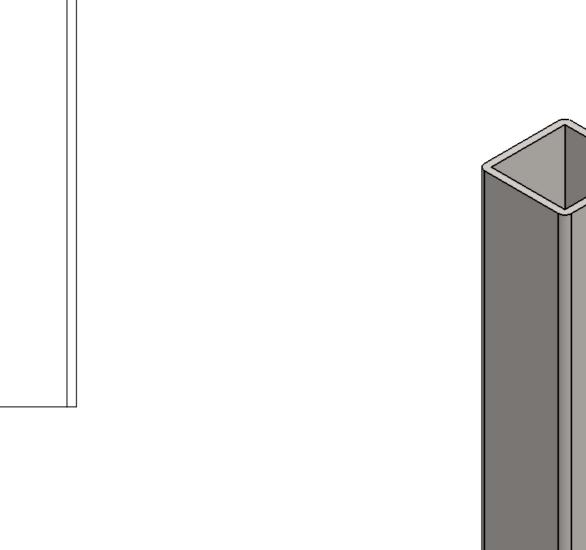


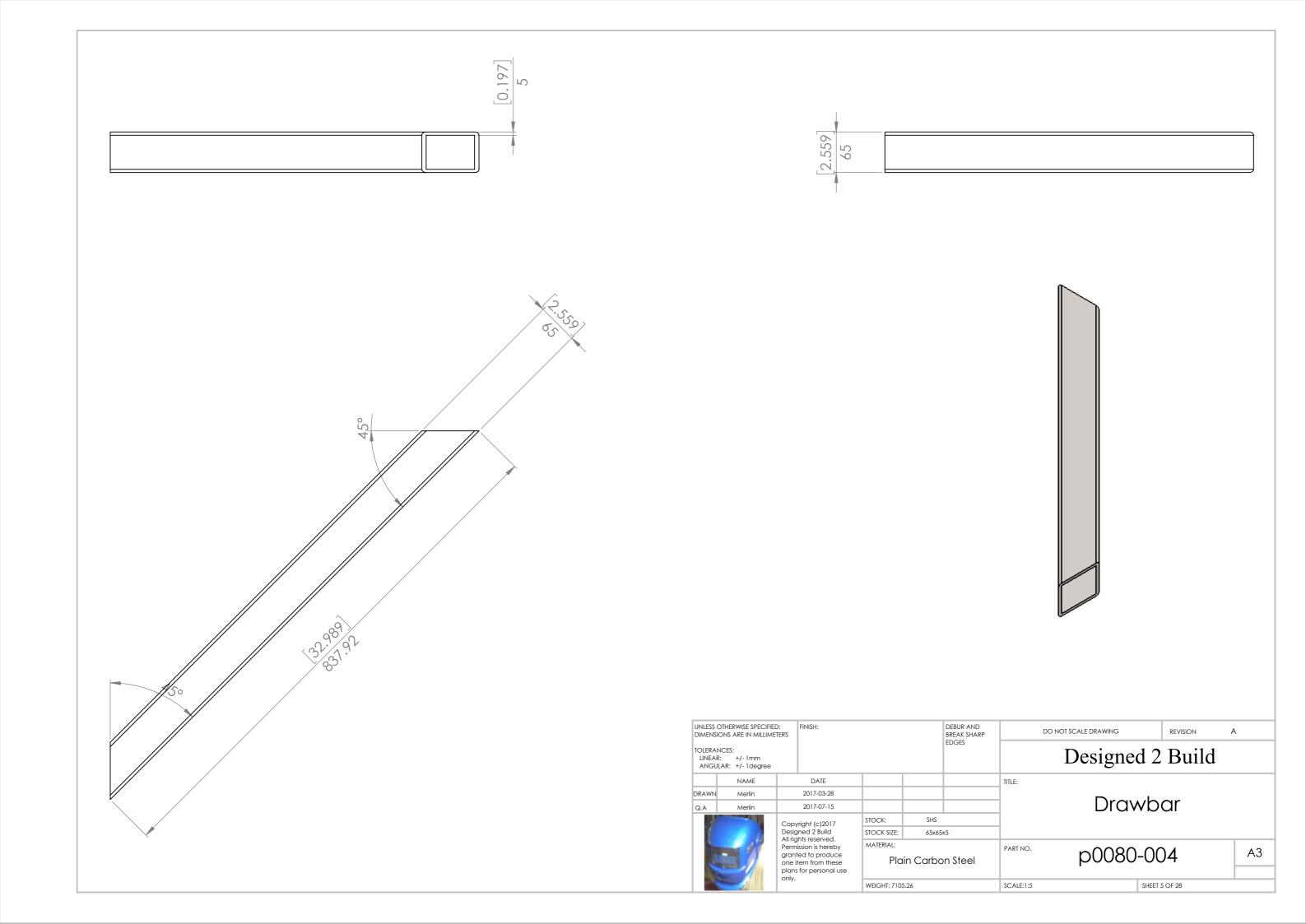
	OTHERWISE SPECIFIE DNS ARE IN MILLIM				DEBUR AND BREAK SHARP	DO	NOT SCALE DRAWING	REVISION	A
TOLERAN LINEAR: ANGUL					EDGES		Designed	d 2 Build	
	NAME	DATE				TITLE:			
DRAWN	Merlin	2017-03-28				0. 1			
Q.A	Merlin	2017-07-15					Side m	ember	
100	-	Copyright (c)2017	STOCK:	SHS					
1		Designed 2 Build All rights reserved.	STOCK SIZE:	65x65	ix5				
= 97		Permission is hereby granted to produce one item from these	MATERIAL:	n Carbo	on Steel	PART NO.	p0080-002		A3
		plans for personal use only.				'			
			WEIGHT: 1999.	.39		SCALE:1:2 SHEET 3 OF 28			

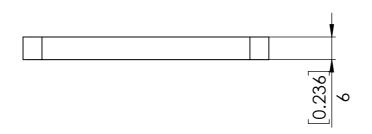


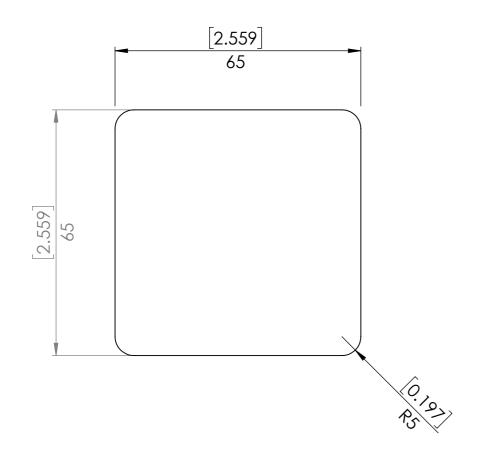


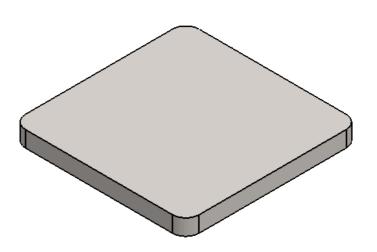


	OTHERWISE SPECIFIE ONS ARE IN MILLIME				DEBUR AND BREAK SHARP	DO	NOT SCALE DRAWING		REVISION	Α
TOLERAN LINEAR ANGUL					EDGES		Designe	d 2	Build	
	NAME	DATE				TITLE:				
DRAWN	Merlin	2017-03-28				David				
Q.A	Merlin	2017-07-15					Pc	DST		
	-	Copyright (c)2017	STOCK:	SHS						
1	10	Designed 2 Build	STOCK SIZE:	65x65	ix5					
	Perm grant one i	All rights reserved. Permission is hereby granted to produce one item from these		Plain Carbon Steel		part no. p0080-003		3	A3	
		plans for personal use					•			
		Offiny.	WEIGHT: 2298	3.15		SCALE:1:2		SHEET 4 C	OF 28	

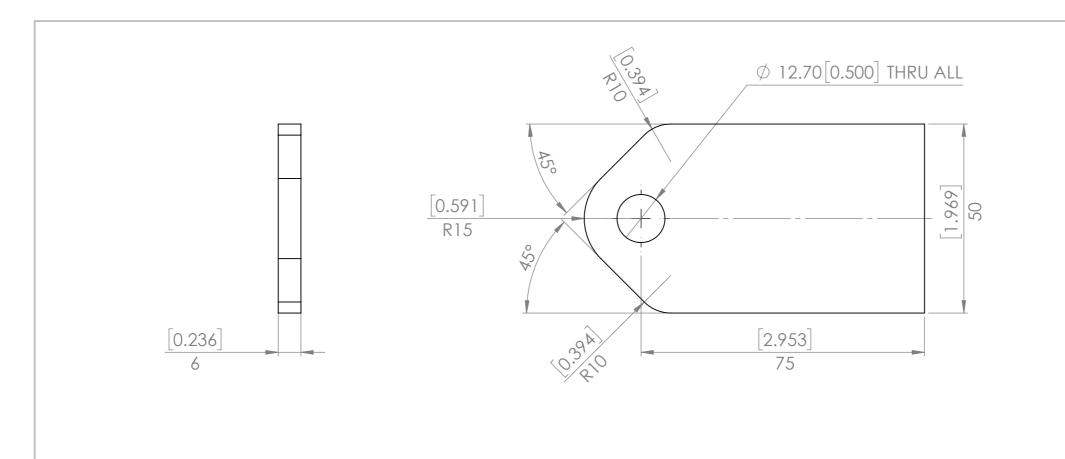


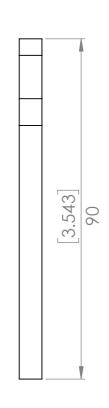


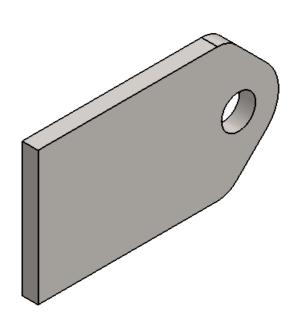




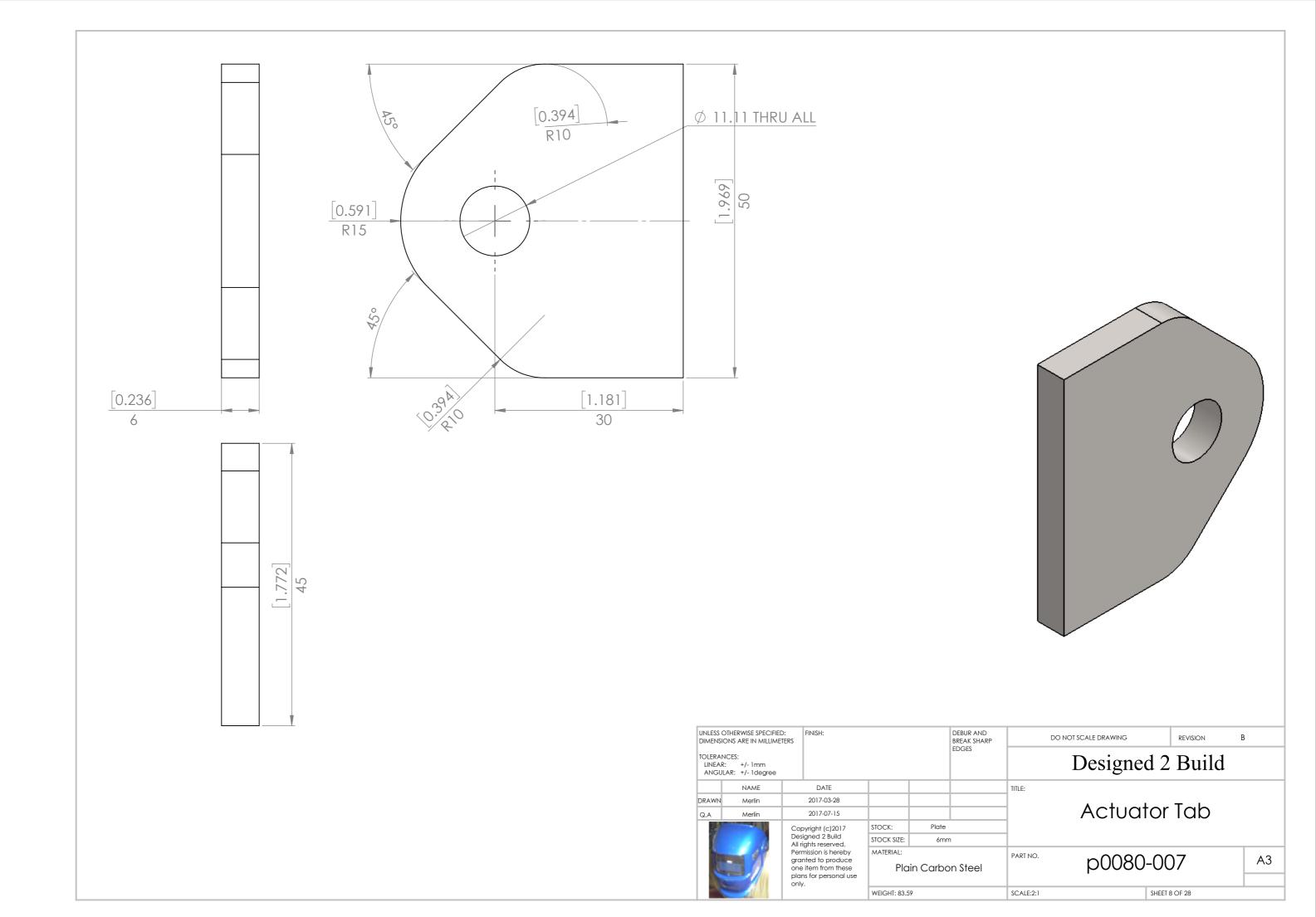
	OTHERWISE SPECIFIE ONS ARE IN MILLIM				DEBUR AND BREAK SHARP	DO	NOT SCALE DRAWING	R	PEVISION	Α
TOLERAN LINEAR ANGU					EDGES		Designe	d 2 I	Build	
	NAME	DATE				TITLE:				
DRAWN	Merlin	2017-03-28				SHS Cap				
Q.A	Merlin	2017-07-15								
	-	Copyright (c)2017	STOCK:	Plate				•		
		Designed 2 Build	STOCK SIZE:	6mr	n					
	= 91	All rights reserved. Permission is hereby granted to produce one item from these	MATERIAL:	AL: Plain Carbon Steel		part no. p0080-005		5	A3	
	7 / 1	plans for personal use					•			
		only.	WEIGHT: 196.7	73		SCALE:1:1 SHEET 6 OF 28		28		

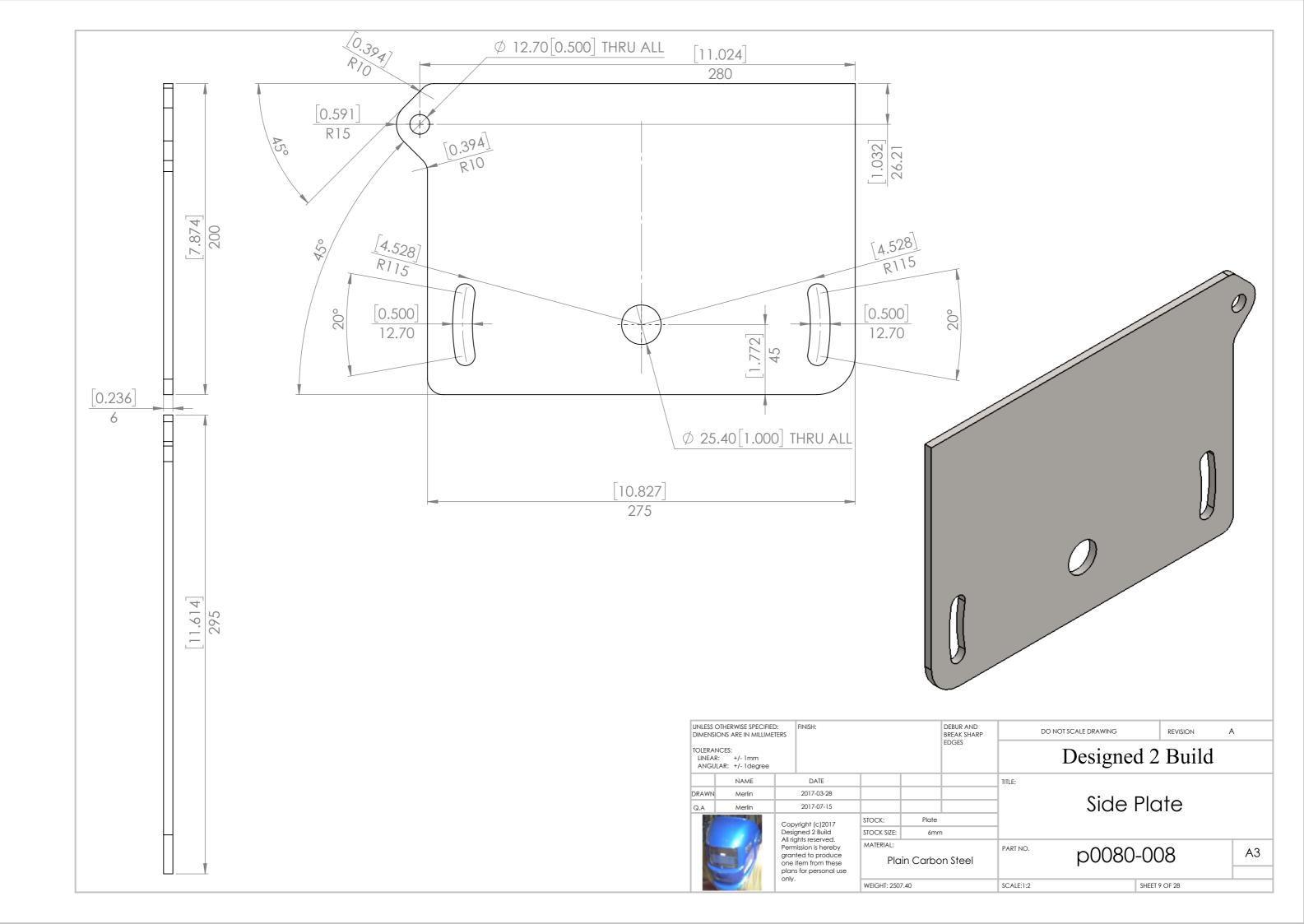


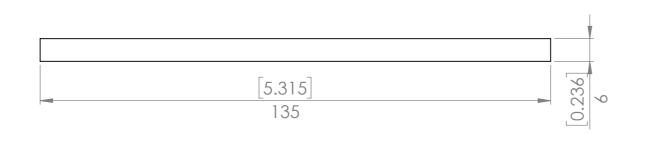


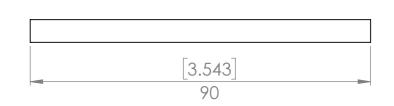


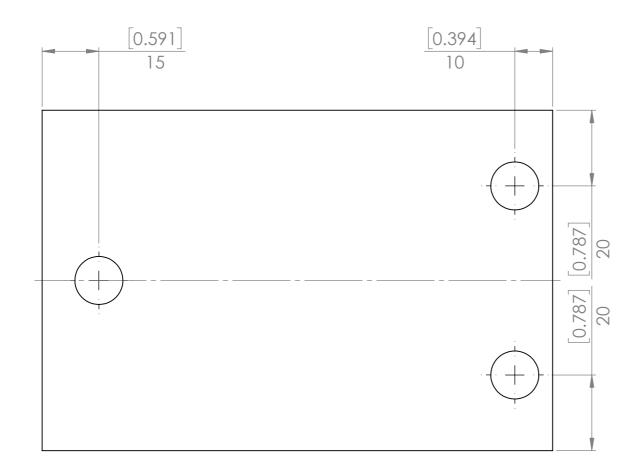
	OTHERWISE SPECIFII ONS ARE IN MILLIM				DEBUR AND BREAK SHARP	DO	NOT SCALE DRAWING	REVISION	A
TOLERAN LINEAR ANGUL			EDGES		Designed 2 Build				
	NAME	DATE				TITLE:			
DRAWN	Merlin	2017-03-28				C T - -			
Q.A	Merlin	2017-07-15					Gener	al Iab	
2.5		Copyright (c)2017	STOCK:	Plate					
- 1	10	Designed 2 Build	STOCK SIZE:	6mr	n		1		
		All rights reserved. Permission is hereby granted to produce one item from these plans for personal use	MATERIAL:	in Carbo	on Steel	PART NO.	p0080	-006	A3
- 8		only.	WEIGHT: 187.	50		SCALE:1:1		SHEET 7 OF 28	

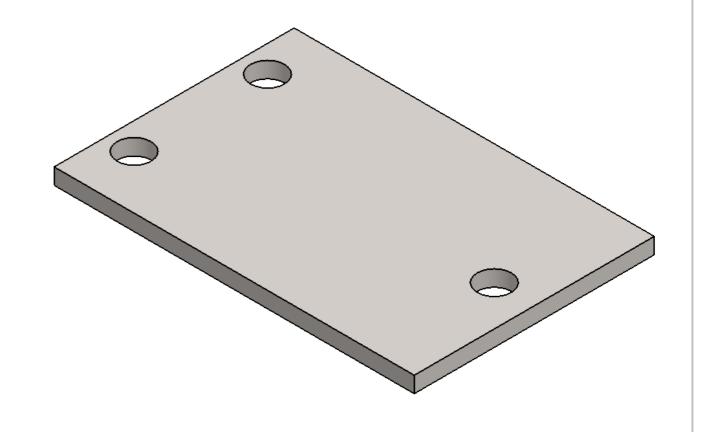




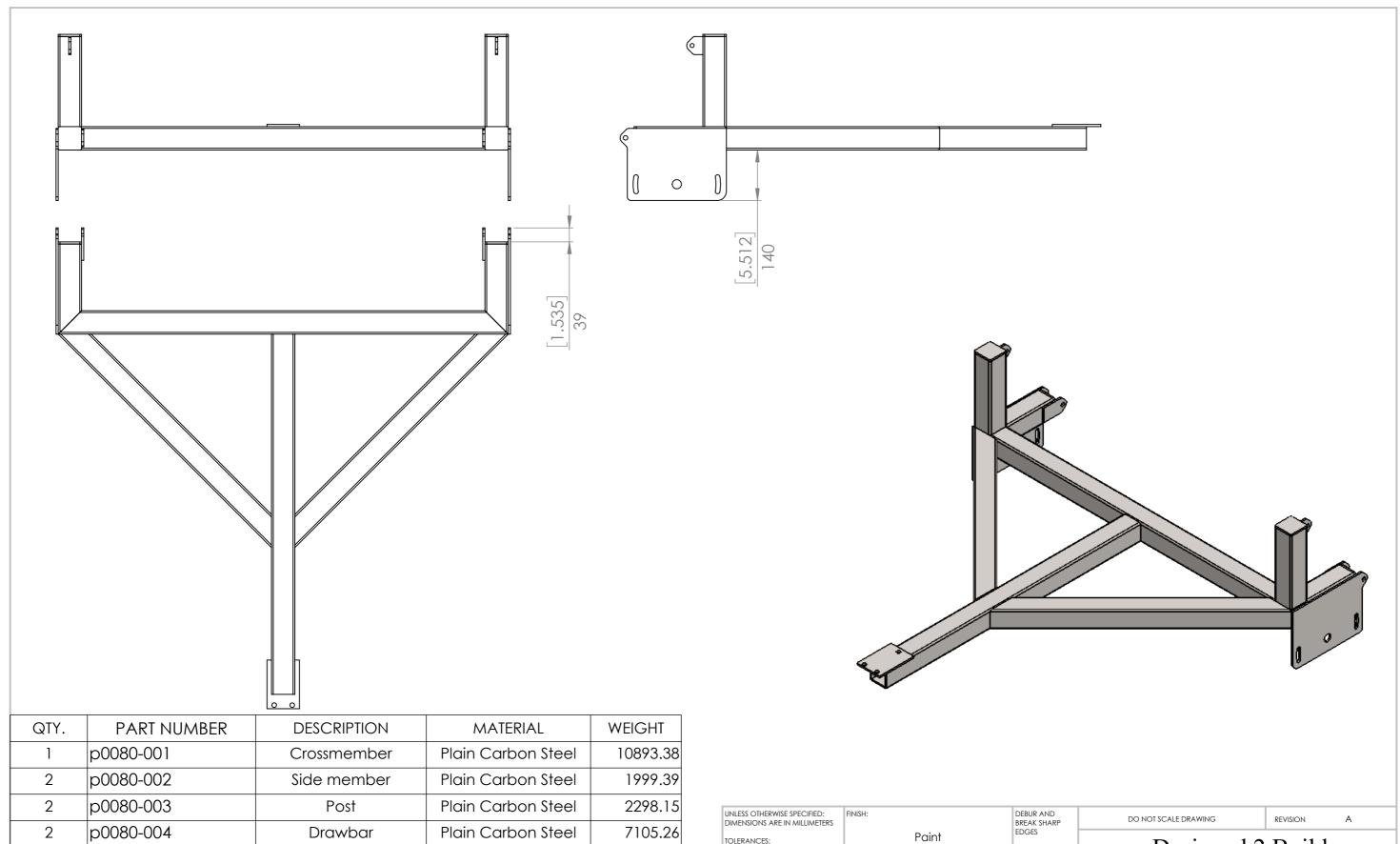






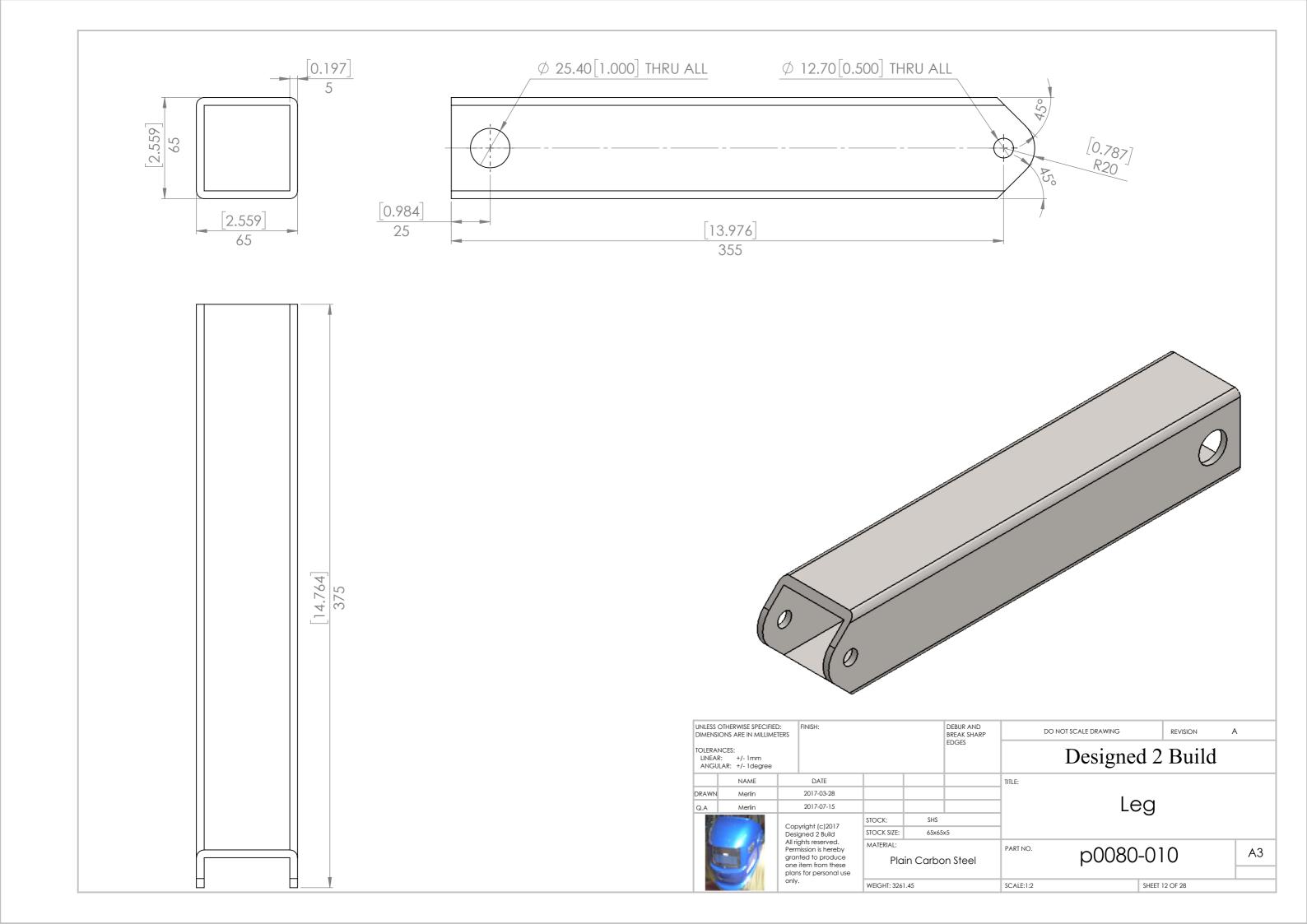


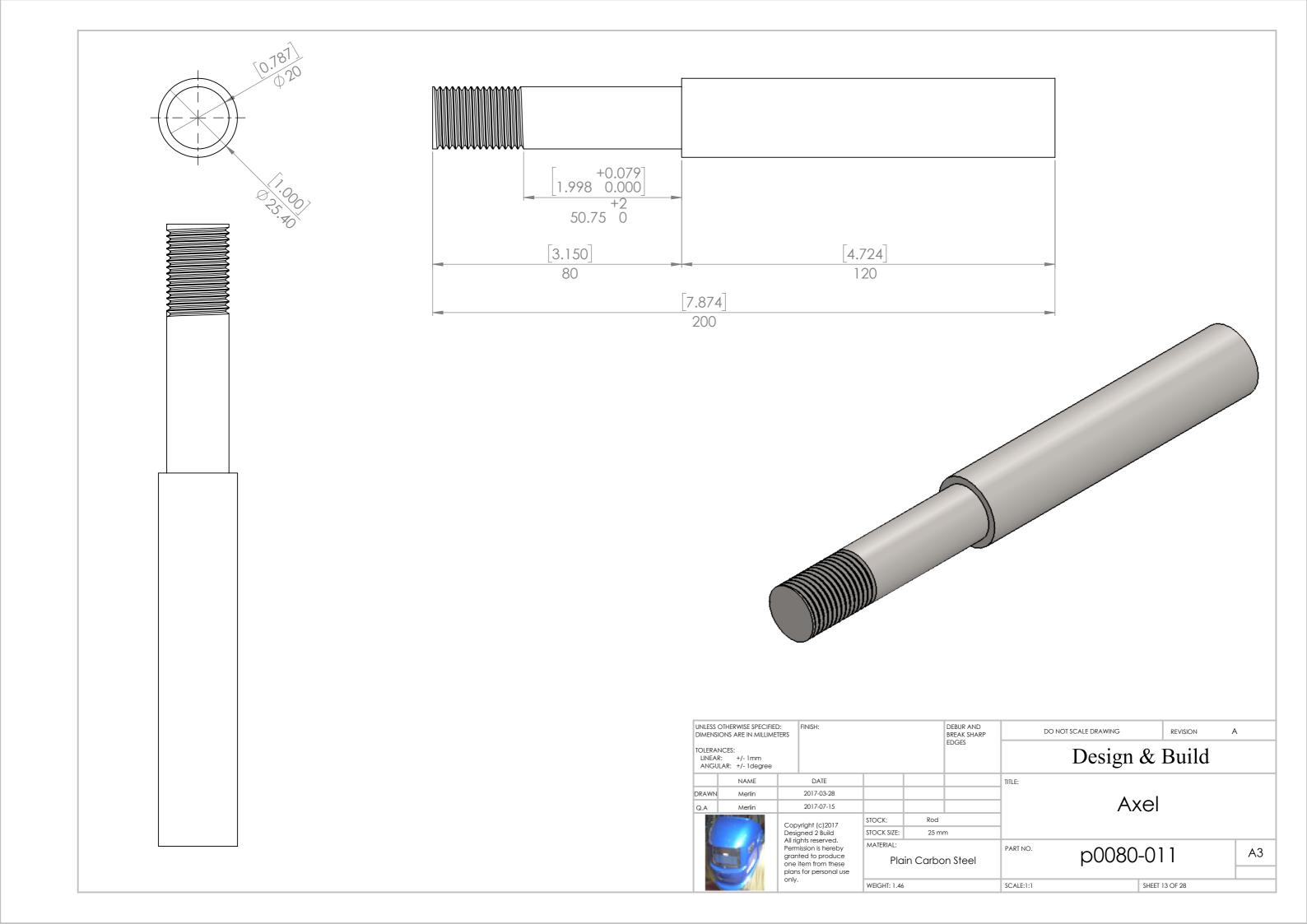
	OTHERWISE SPECIFIEI ONS ARE IN MILLIME				DEBUR AND BREAK SHARP	DC	NOT SCALE DRAWING	REVISION	Α
TOLERAN LINEAR ANGU					EDGES		Designe	d 2 Build	
	NAME	DATE				TITLE:			
DRAWN	Merlin	2017-03-28				Hitch Plate			
Q.A	Merlin	2017-07-15							
	-	Copyright (c)2017	STOCK:	Plate					
		Designed 2 Build	STOCK SIZE:	6mi	m				
To the second	All rigt Permi grante one it	All rights reserved. Permission is hereby granted to produce one item from these plans for personal use	MATERIAL:	iin Carbo	on Steel	PART NO.	p0080	-009	A3
		only.	WEIGHT: 550.	.83		SCALE:1:1		SHEET 10 OF 28	

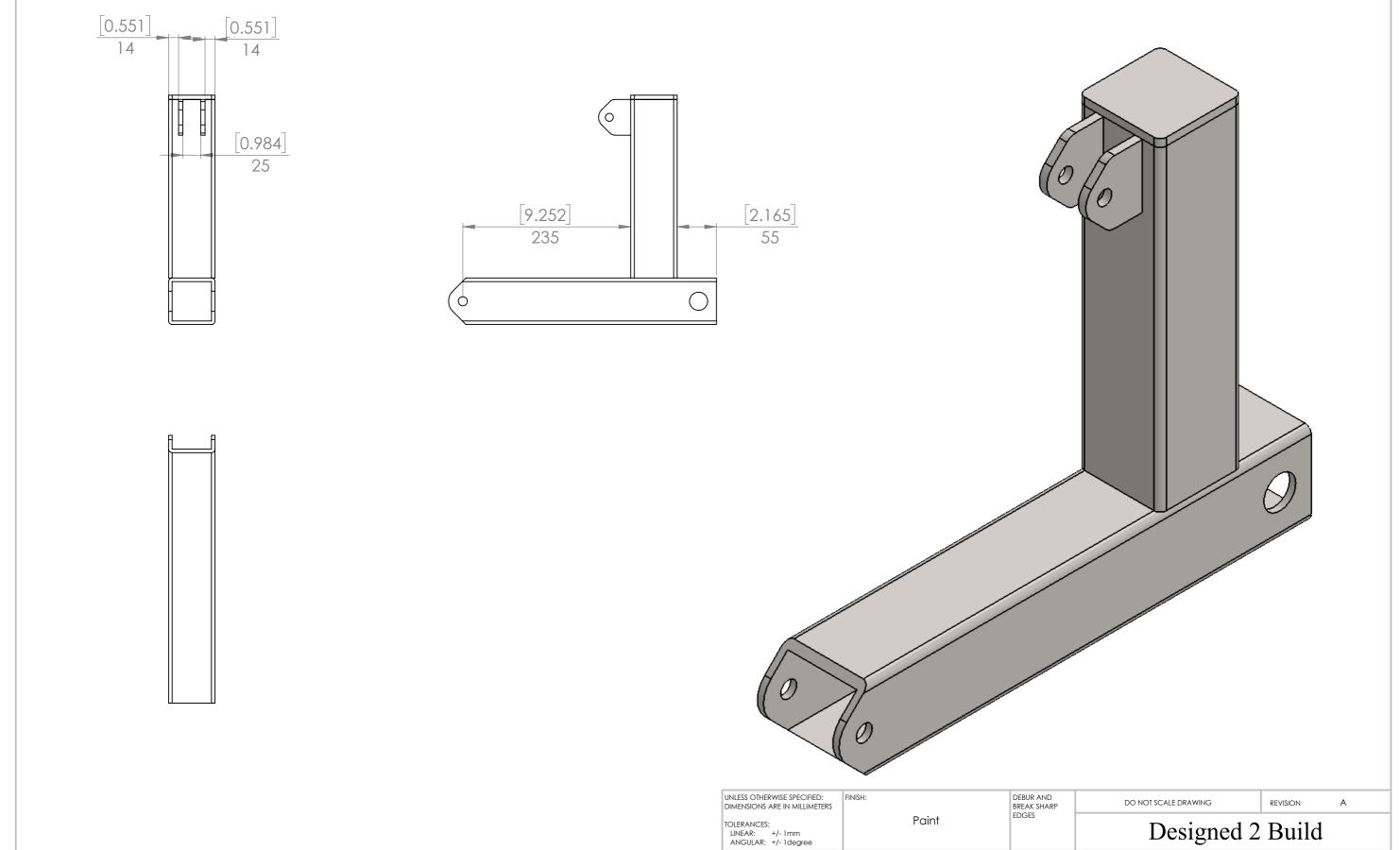


ا بع	I AKI NOMBLK	DESCRIPTION	INVITERIAL	WLIOIII
1	p0080-001	Crossmember	Plain Carbon Steel	10893.38
2	p0080-002	Side member	Plain Carbon Steel	1999.39
2	p0080-003	Post	Plain Carbon Steel	2298.15
2	p0080-004	Drawbar	Plain Carbon Steel	7105.26
4	p0080-005	SHS Cap	Plain Carbon Steel	196.73
2	p0080-006	General Tab	Plain Carbon Steel	187.50
2	p0080-007	Actuator Tab	Plain Carbon Steel	83.59
2	p0080-008	Side Plate	Plain Carbon Steel	2507.40
1	p0080-009	Hitch Plate	Plain Carbon Steel	550.83
1	p0080-022	Centre Drawbar	Plain Carbon Steel	9192.61

	NLESS OTHERWISE SPECIFIED: FINISH: IMENSIONS ARE IN MILLIMETERS DIEPANCES:	FINISH:			DEBUR AND BREAK SHARP	1 OD	NOT SCALE DRAWING	REVISION	Α	
LINEAR:	TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree			Paint		EDGES	Designed 2 Build			
	NAME		DATE				TITLE:			
DRAWN	Merlin		2017-03-28							
Q.A	Merlin		2017-07-15					- rame		
		Copy	yright (c)2017	STOCK:						
- (Desig	gned 2 Build	STOCK SIZE:						
	Al Pe	Perm gran one	ghts reserved. nission is hereby ited to produce item from these	MATERIAL:	Assem	bly	part NO. p0080-A01		-A01	A3
		one item from these plans for personal use only.			WEIGHT: 497	86.30		SCALE:1:10		SHEET 11 OF 28

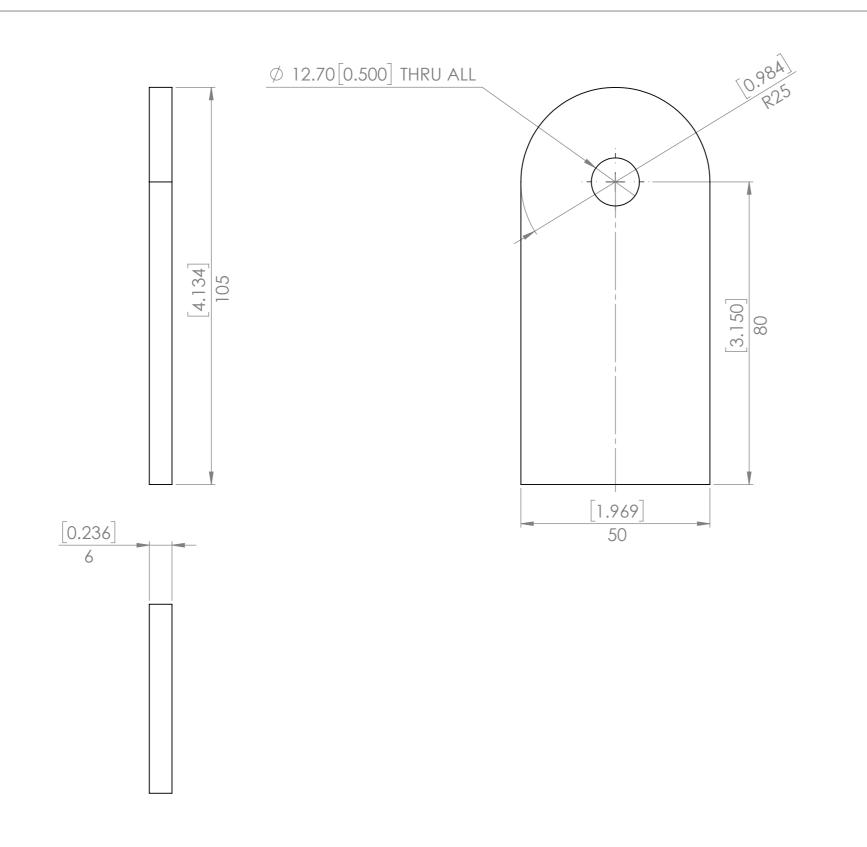


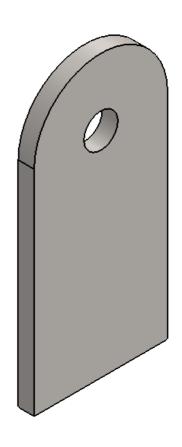




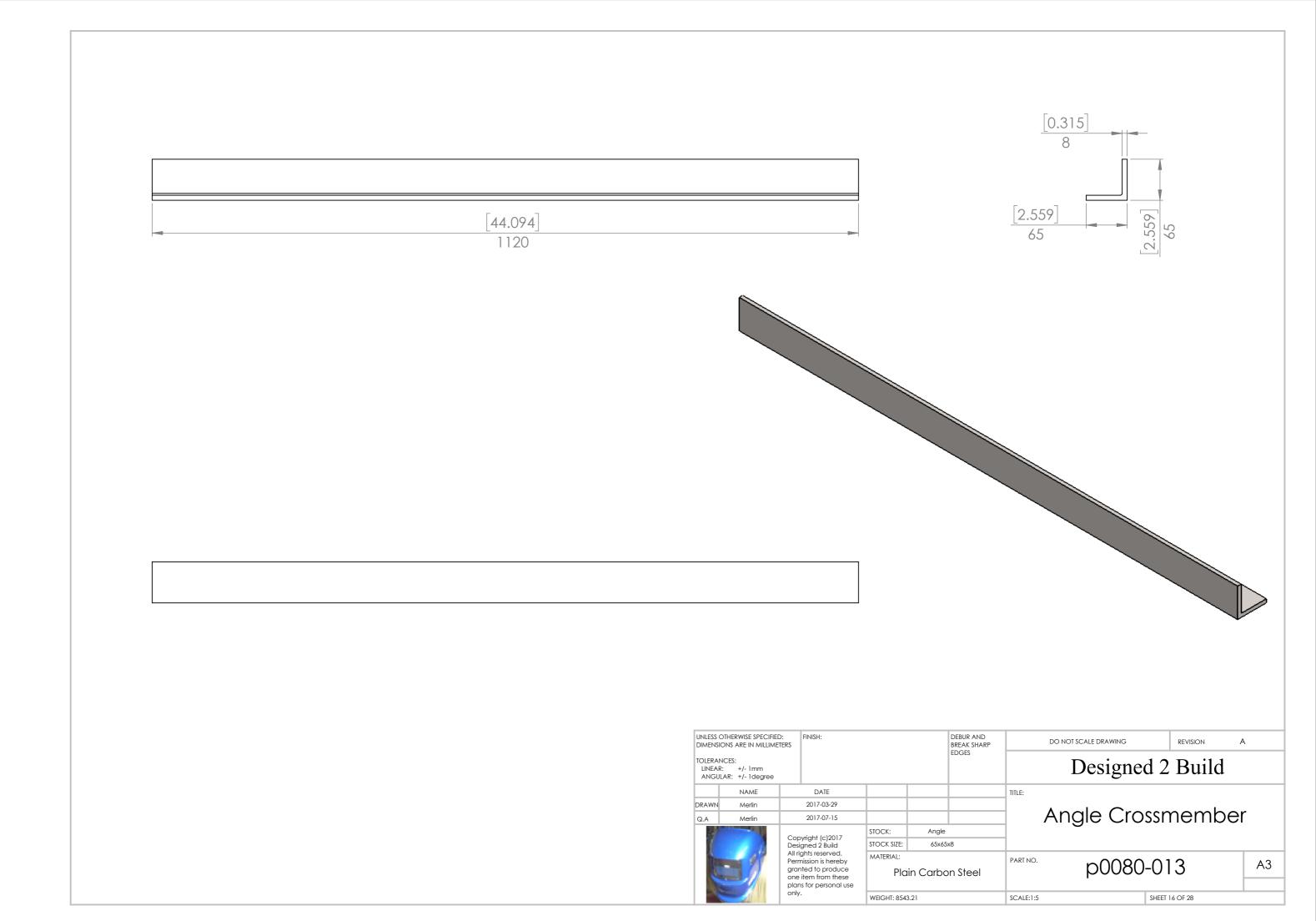
QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	p0080-003	Post	Plain Carbon Steel	2298.15
1	p0080-005	SHS Cap	Plain Carbon Steel	196.73
2	p0080-007	Actuator Tab	Plain Carbon Steel	83.59
1	p0080-010	Leg	Plain Carbon Steel	3261.45

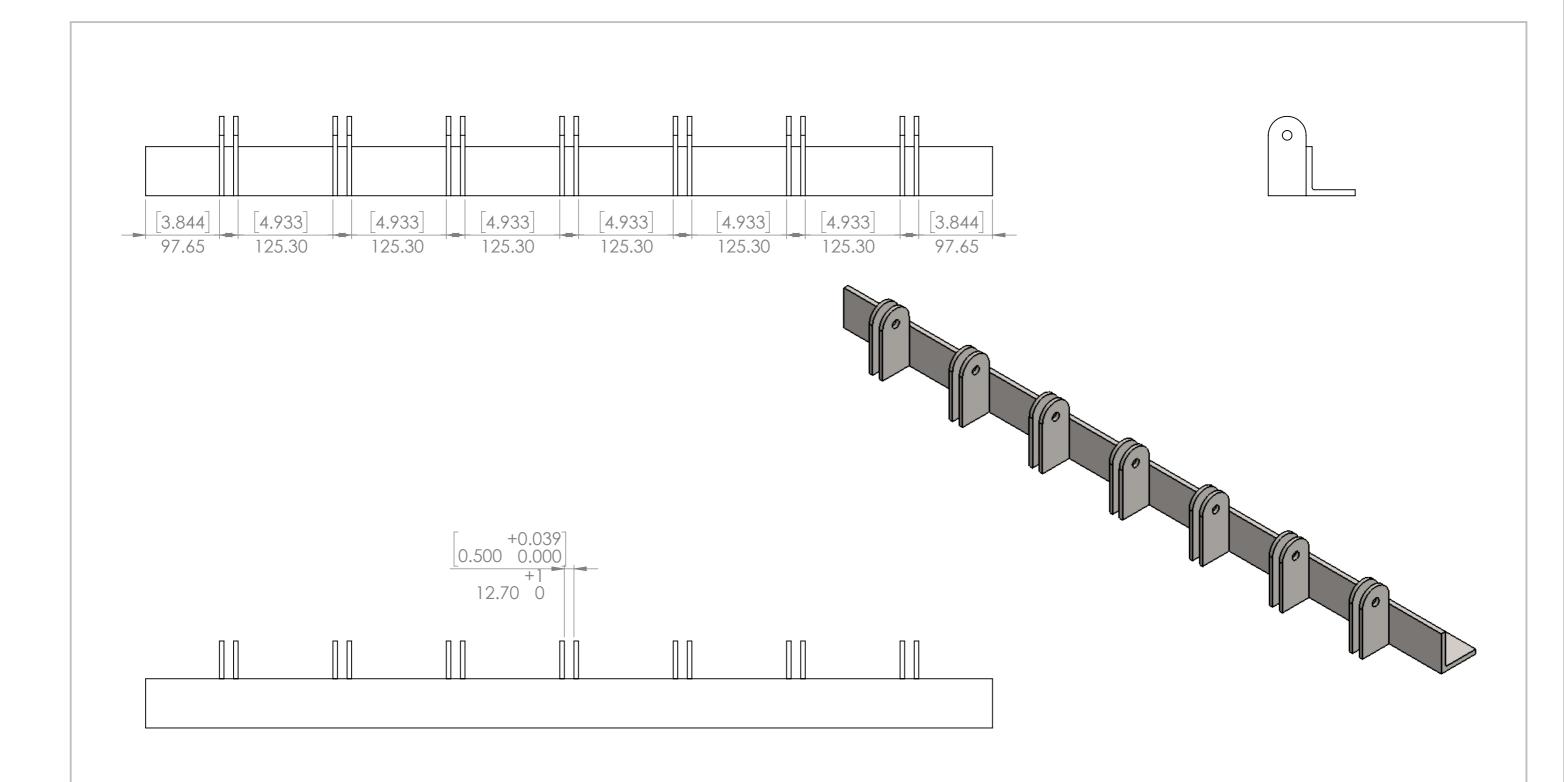
	THERWISE SPECIFIED		FINISH:			DEBUR AND BREAK SHARP	DO N	NOT SCALE DRAWING		REVISION	Α
LINEAR:	TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree			Paint		EDGES		Designe	d 2	Build	
	NAME		DATE				Leg Assembly				
DRAWN	Merlin		2017-03-28								
Q.A	Merlin		2017-07-15								
	-	Copyright (c)2017		STOCK:						,	
1		Desi	igned 2 Build	STOCK SIZE:							
	1		ights reserved. mission is hereby nted to produce item from these	MATERIAL:	MATERIAL: Assembly		p0080-A02)2	A3	
		plar	ns for personal use			•		•			
		only	<i>'</i> .	WEIGHT: 5923.50			SCALE:1:5 SHEET 14 OF 28				





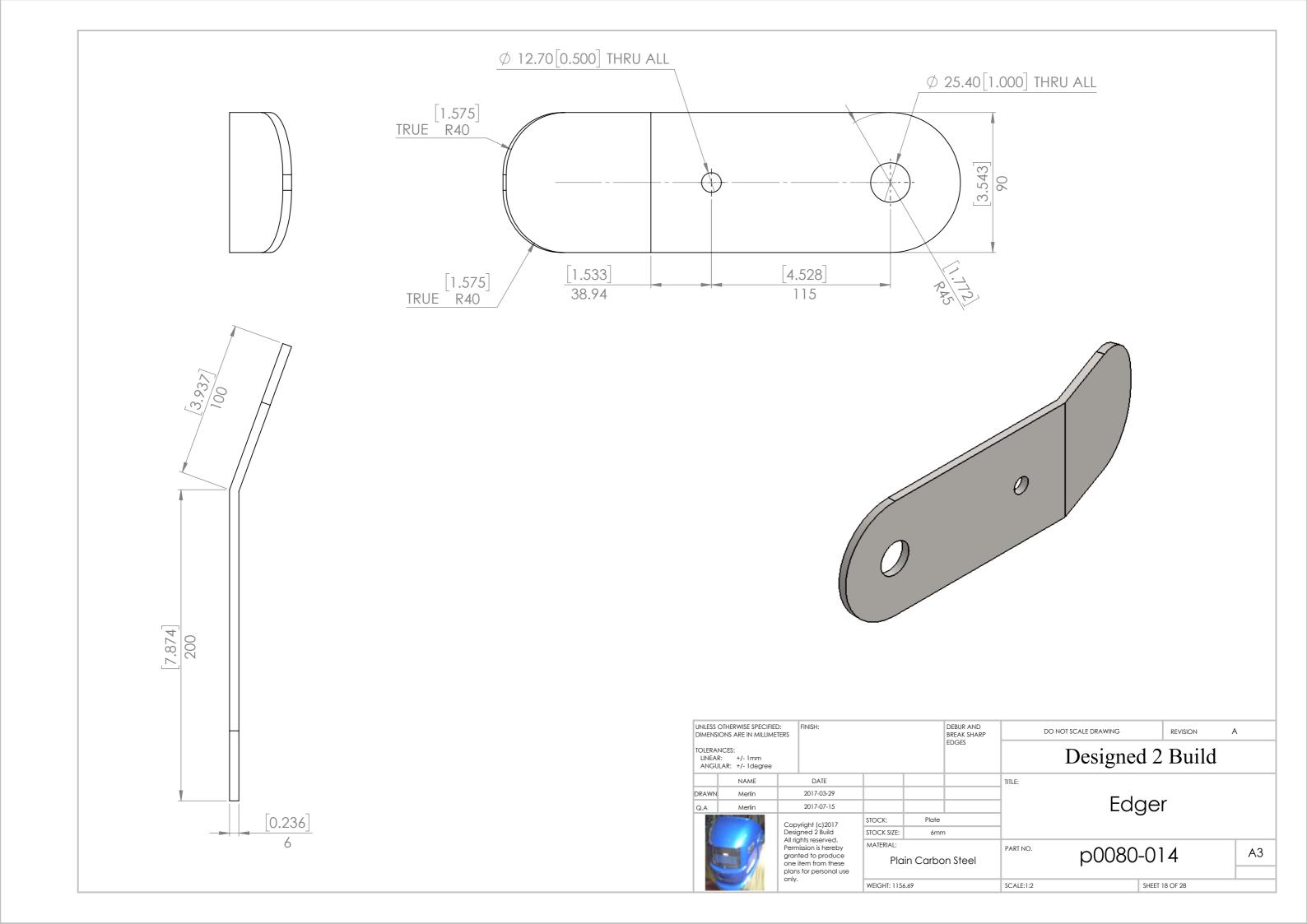
	OTHERWISE SPECIFIED		FINISH:			DEBUR AND BREAK SHARP	DO NOT SCALE DRAWING REVISION A			A	
LINEAR	OLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree					EDGES	Designed 2 Build				
	NAME DATE						TITLE:				
DRAWN	Merlin		2017-03-29					Finger Mount			
Q.A	Merlin		2017-07-15								
		Copyright (c)2017		STOCK:	Plate						
- 1		Desi	gned 2 Build	STOCK SIZE:	6mn	n					
		All rights reserved. Permission is hereby granted to produce one item from these plans for personal use		MATERIAL:	in Carbo	on Steel	PART NO.	p0080-012		A3	
-		only.			22		SCALE:1:1		SHEET 15 OF 28		

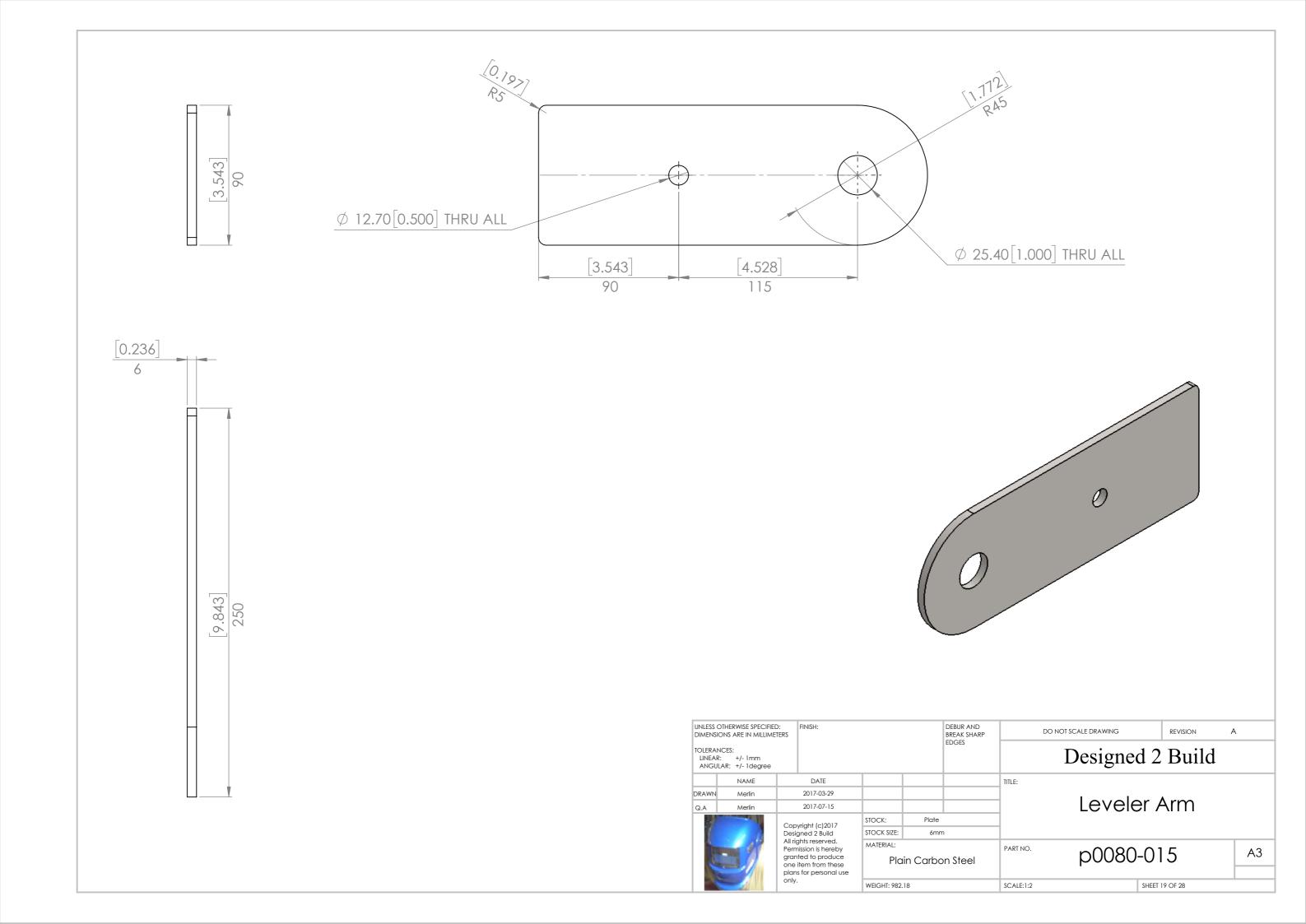


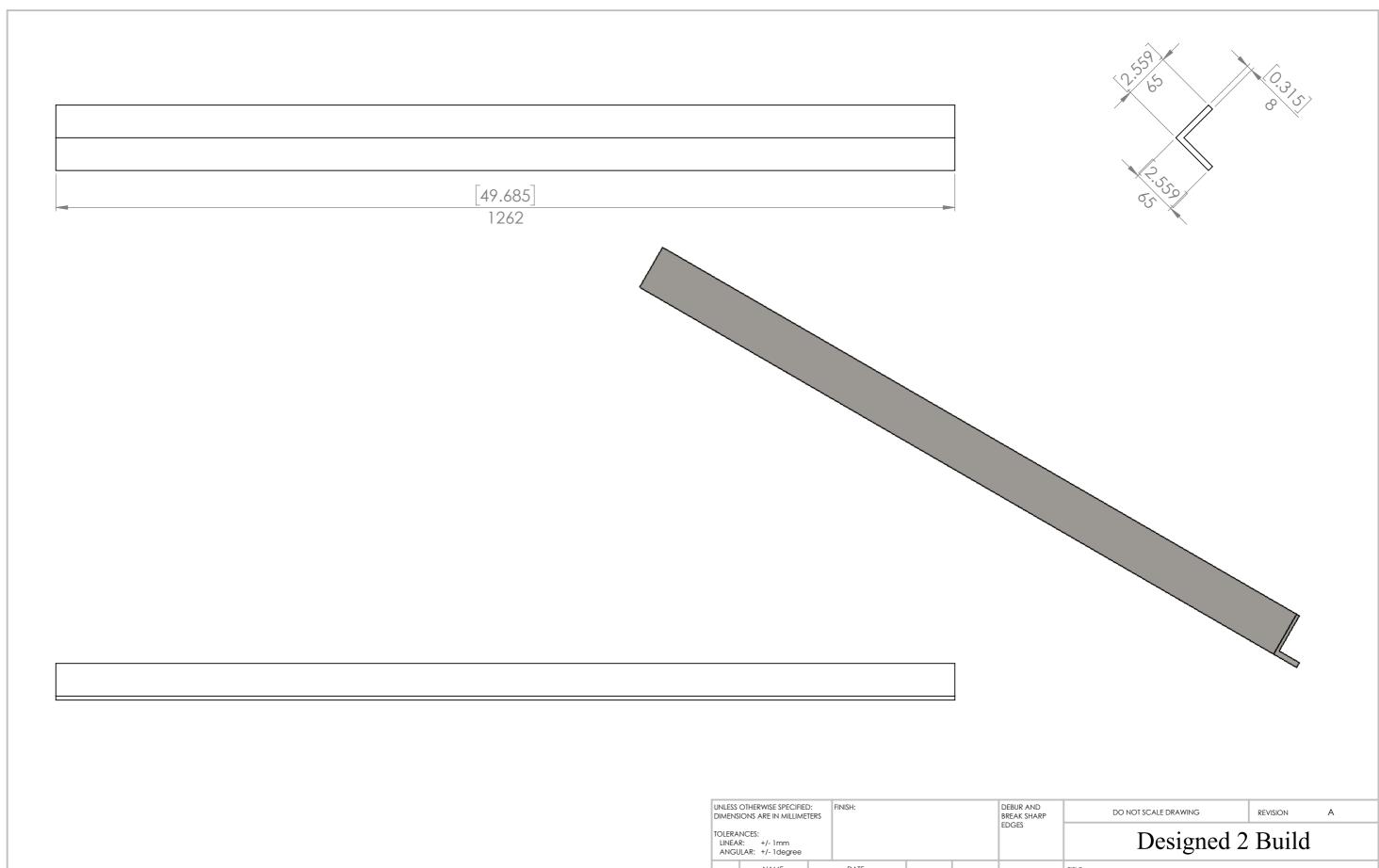


QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
14	p0080-012	Finger Mount	Plain Carbon Steel	227.22
1	p0080-013	Angle Crossmember	Plain Carbon Steel	8543.21

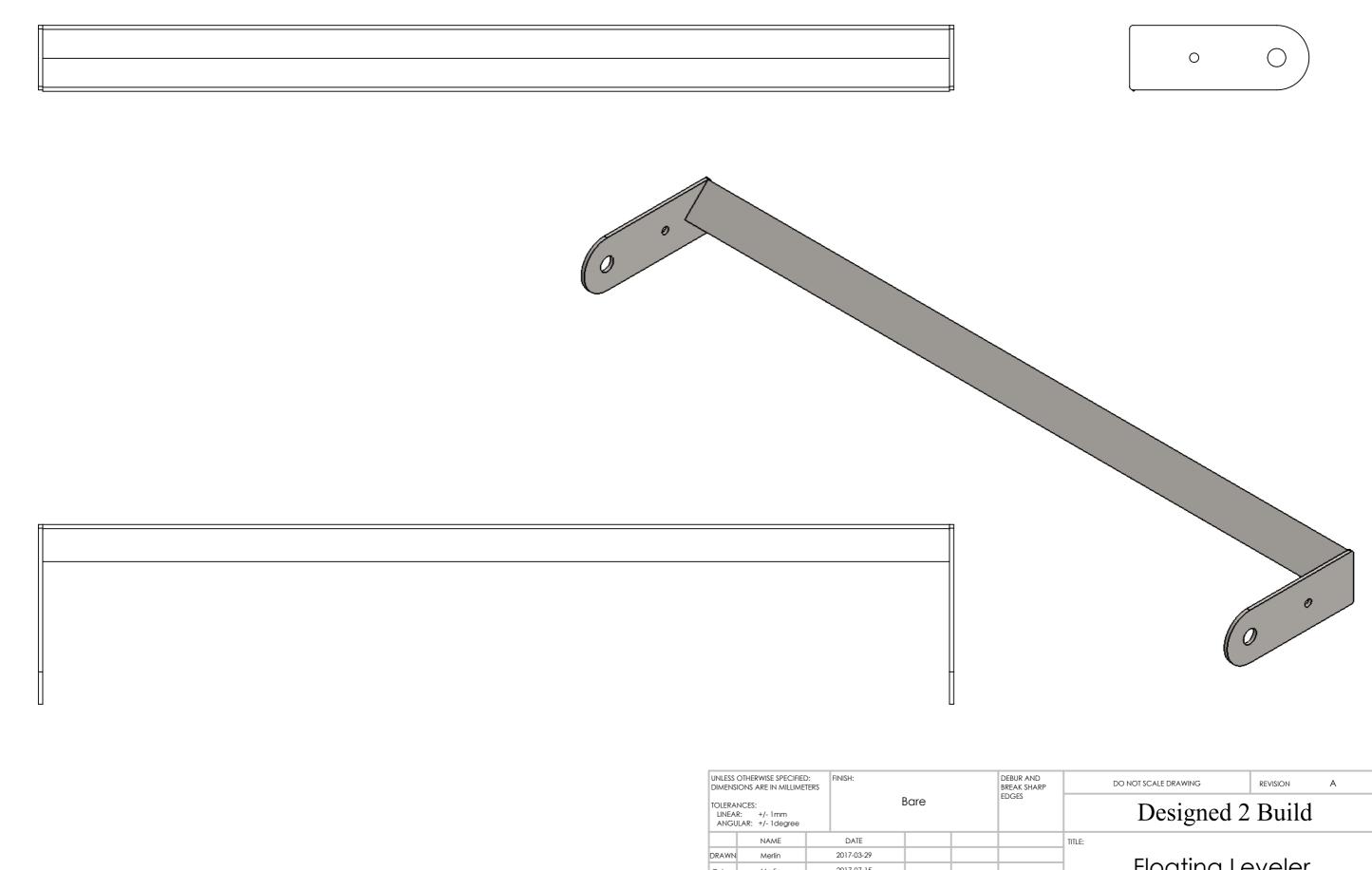
UNLESS O	THERWISE SPECIFIE	D:	FINISH:			DEBUR AND		20110740115221111110				
DIMENSIC	ONS ARE IN MILLIMI	ETERS				BREAK SHARP FDGFS	DO NOT SCALE DRAWING REVISION			Α		
LINEAR:	TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree			Bare			Designed 2 Build					
	NAME		DATE				TITLE:					
DRAWN	Merlin		2017-03-									
Q.A	Merlin		2017-07-15				Finger Attachment					
	-	Con	yright (c)2017	STOCK:				•				
1	10	Desig	gned 2 Build	STOCK SIZE:								
Ì	1	Perm	ghts reserved. hission is hereby ted to produce item from these	MATERIAL:	MATERIAL: Assembly		PART NO.		-A03	A3		
	plan	s for personal use			•	'						
		only.		WEIGHT: 1172	24.25		SCALE:1:5 SHEET 17 OF 28		SHEET 17 OF 28			





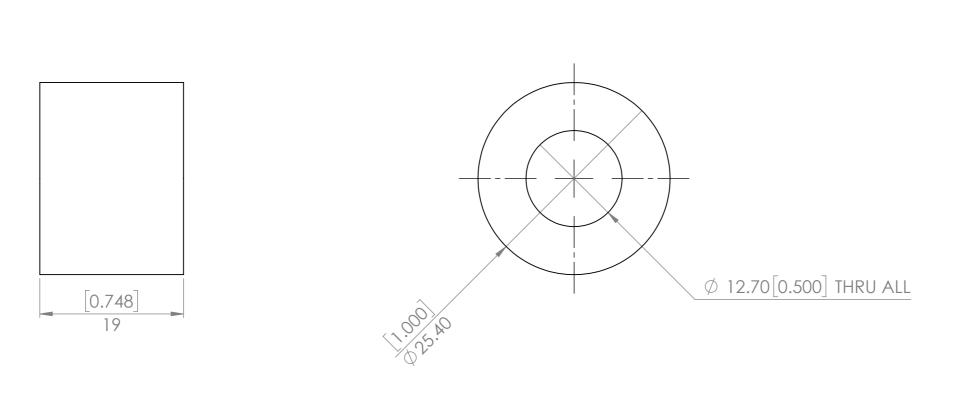


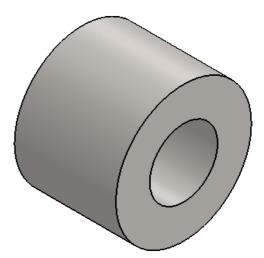
JING ARE IIN MILLIME	.2.10			DKEAK SHAKI					
CES: : +/- 1mm AR: +/- 1degree				EDGES		Designe	d 2 Build		
NAME	DATE				TITLE:				
Merlin	2017-03-29						ь.		
Merlin	2017-07-15					Level	eler Bar		
	Copyright (c)2017	STOCK:	Angle						
10	Designed 2 Build	STOCK SIZE:	65x65	x8					
= 11	Permission is hereby granted to produce one item from these	MATERIAL:	in Carbo	on Steel	part no. p0080-016		-016	A3	
	plans for personal use					•			
	Oilly.	WEIGHT: 9607	7.35		SCALE:1:5		SHEET 20 OF 28		
	+/- 1mm AR: +/- 1degree NAME Merlin	AR: +/- 1mm AR: +/- 1degree NAME DATE Merlin 2017-03-29 Merlin 2017-07-15 Copyright (c)2017 Designed 2 Build All rights reserved. Permission is hereby granted to produce one item from these	+/- 1mm AR: +/- 1degree NAME DATE Merlin 2017-03-29 Merlin 2017-07-15 Copyright (c)2017 Designed 2 Build All rights reserved. Permission is hereby granted to produce one item from these plans for personal use only. Plantage of the produce on the plantage of the pla	### AR: +/- 1mm AR: +/- 1degree NAME DATE Merlin 2017-03-29 Merlin 2017-07-15 Copyright (c)2017 Designed 2 Build All rights reserved. Permission is hereby granted to produce one item from these plans for personal use Plain Carbo	AR: +/- 1mm AR: +/- 1degree NAME DATE Merlin 2017-03-29 Merlin 2017-07-15 Copyright (c)2017 Designed 2 Build All rights reserved. Permission is hereby granted to produce one item from these plans for personal use only. Plain Carbon Steel	CES: +/- 1mm AR: +/- 1degree NAME DATE Merlin 2017-03-29 Merlin 2017-07-15 Copyright (c)2017 Designed 2 Build All rights reserved. Permission is hereby granted to produce one item from these plans for personal use only. PART NO.	CES: +/- Imm AR: +/- Idegree NAME DATE Merlin 2017-03-29 Merlin 2017-07-15 Copyright (c)2017 Designed 2 Build All rights reserved. Permission is hereby granted to produce one item from these plans for personal use only. Plain Carbon Steel Designed IIILE: Levele STOCK: Angle STOCK: Angle STOCK SIZE: 65x65x8 MATERIAL: Plain Carbon Steel PART NO. PO0880	CES: +/- Imm AR: +/- Idegree NAME DATE Merfin 2017-03-29 Merfin 2017-07-15 Copyright (c)2017 Designed 2 Build All rights reserved. Permission is hereby granted to produce one item from these plans for personal use only. Designed 2 Build All rights reserved. Plain Carbon Steel PART NO. PART NO. PART NO.	



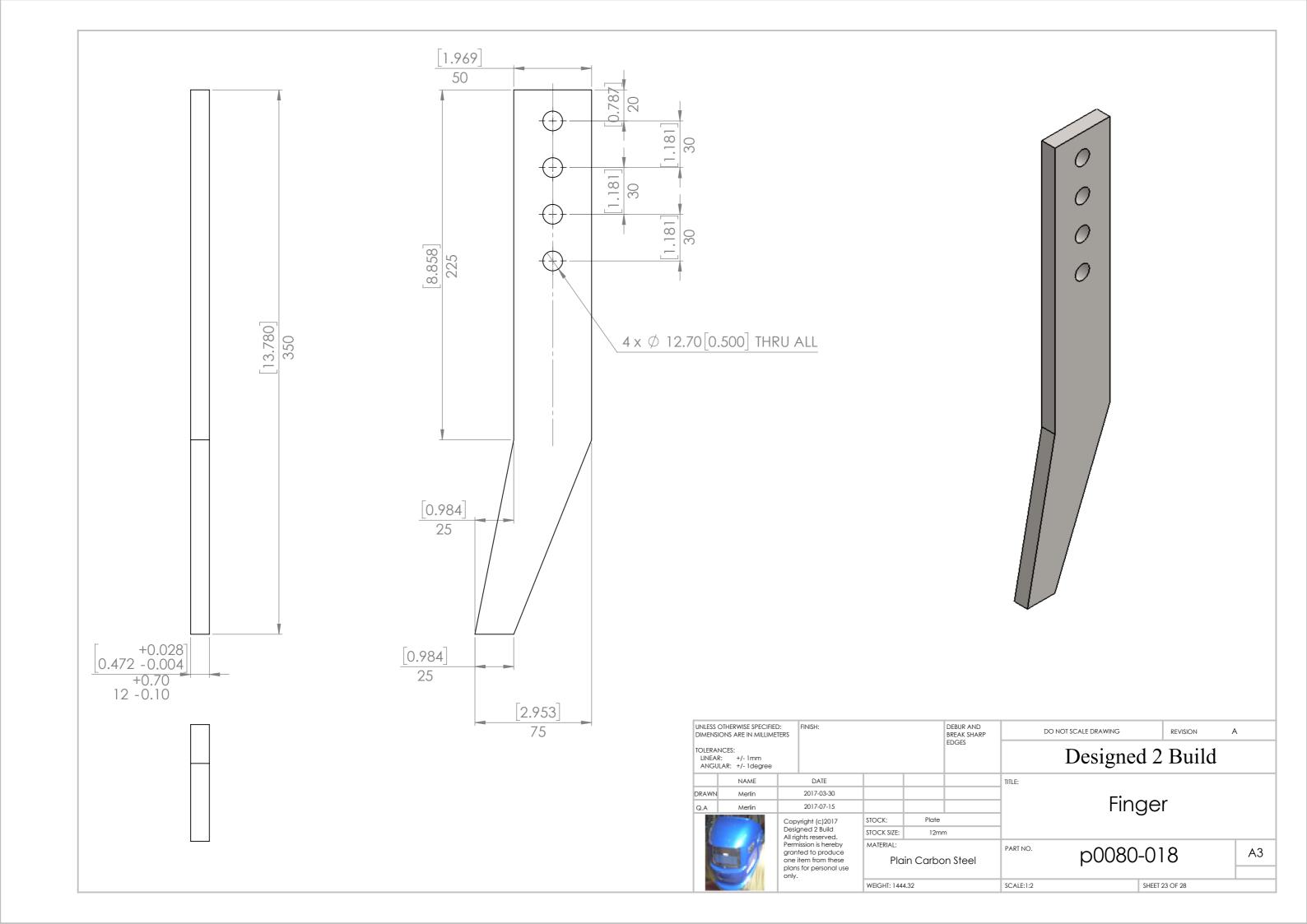
QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
2	p0080-015	Leveler Arm	Plain Carbon Steel	982.18
1	p0080-016	Leveler Bar	Plain Carbon Steel	9614.97

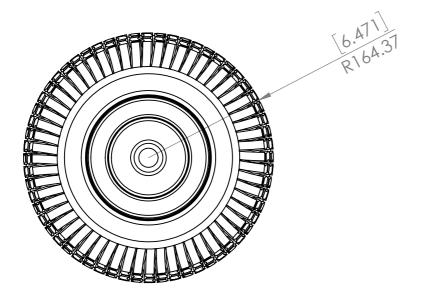
				ED 050					
TOLERANCES: LINEAR: +/-1mm ANGULAR: +/-1degree		Bare		EDGES	Designed 2 Build				
	NAME	DATE				TITLE:			
DRAWN	Merlin	2017-03-29					-ı ı•		
Q.A	Merlin	2017-07-15					Leveler		
		Copyright (c)2017	STOCK:			G			
1	1	Designed 2 Build	STOCK SIZE:	STOCK SIZE:					
	39	All rights reserved. Permission is hereby granted to produce one item from these	MATERIAL:		bly	PART NO.	p0080-A04		А3
		plans for personal use			•	·			
		only.	WEIGHT: 115	79.33		SCALE:1:5		SHEET 21 OF 28	

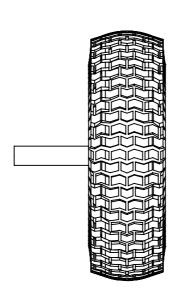




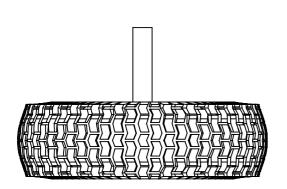
UNLESS OTHERWISE SPECIFIED: FINISH: DIMENSIONS ARE IN MILLIMETERS				DEBUR AND BREAK SHARP	DO	NOT SCALE DRAWING	REVISION	Α		
TOLERANC LINEAR: ANGULA					EDGES		Designed	d 2 Buil	ld	
	NAME	DATE				TITLE:				
DRAWN	Merlin	2017-03-29				Bush				
Q.A	Merlin	2017-07-15								
		Copyright (c)2017	STOCK:	Rod						
1		Designed 2 Build	STOCK SIZE:	1"						
E		All rights reserved. Permission is hereby granted to produce one item from these plans for personal use		MATERIAL: Plain Carbon Steel			p0080-017			А3
		only.	WEIGHT: 56.3	32		SCALE:2:1	SHEET 22 OF 28			





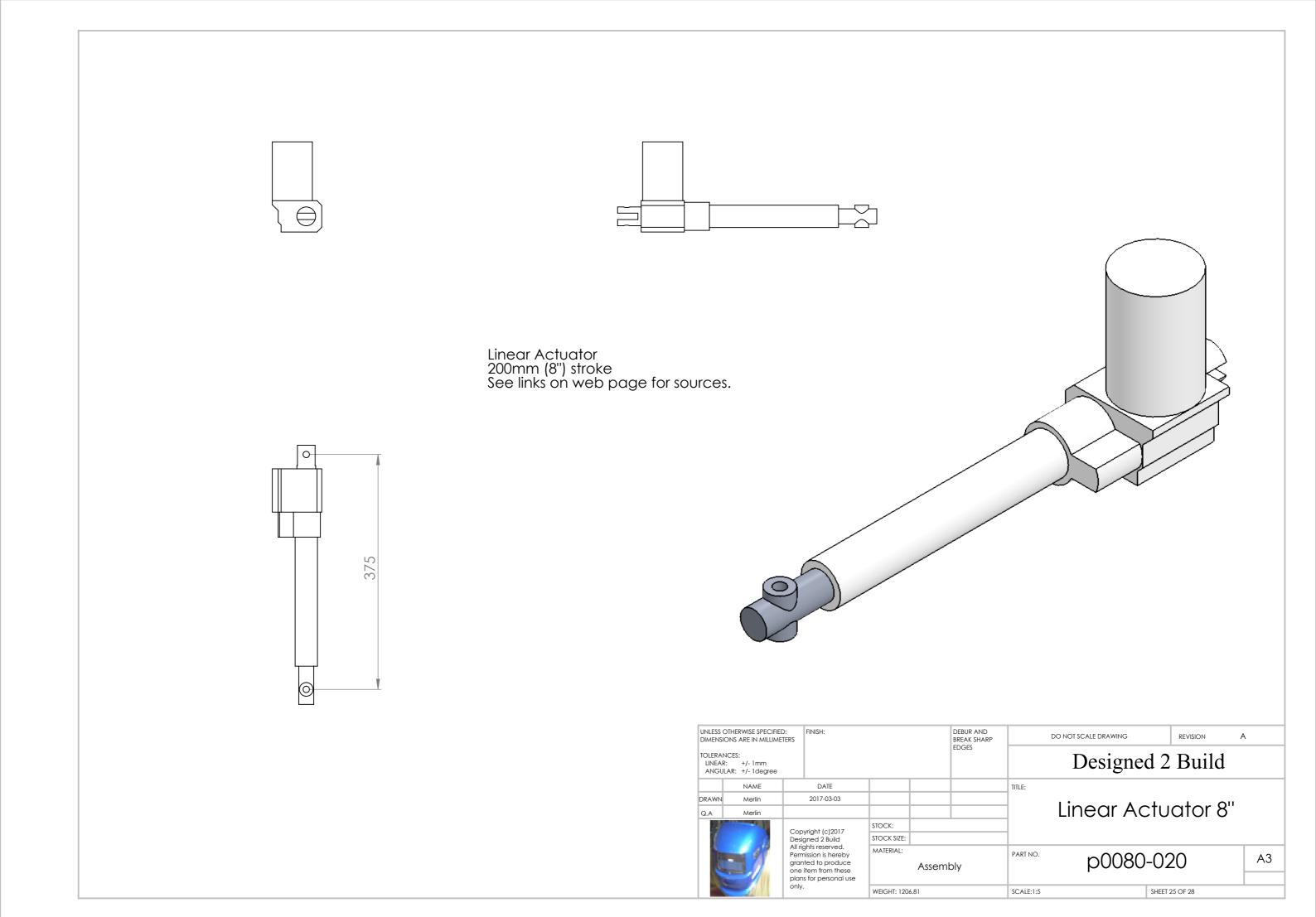


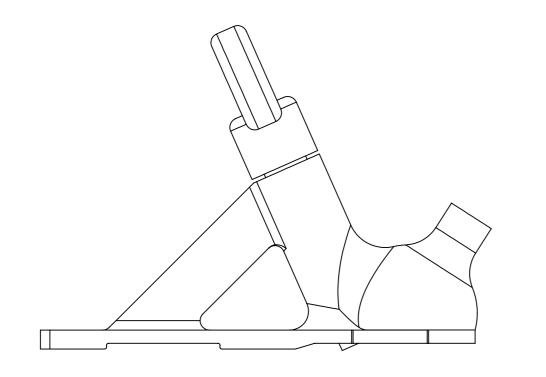
Diameter 330mm (13")
I used a pair of wheels that are usually sold for wheelbarrows.
The important thing is that they are a large enough diameter to allow the raising of the fingers and small enough to allow the fingers to be lowered into the gravel.



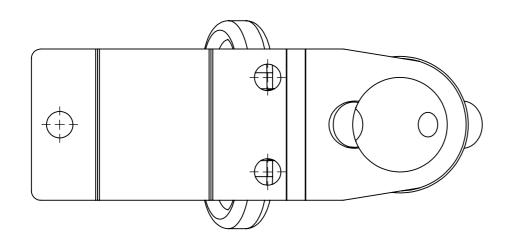


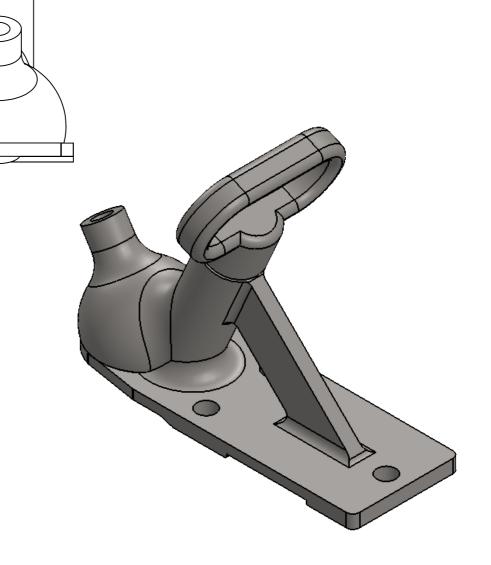
	OTHERWISE SPECIFIED				DEBUR AND BREAK SHARP	DO	Α			
TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree				EDGES	Designed 2 Build					
	NAME		DATE				TITLE:			
DRAWN								\	1	
Q.A								Whe	eei	
		Copyright (c)2017 Designed 2 Build		STOCK:						
- 1				STOCK SIZE:						
		All rights reserved. Permission is hereby granted to produce one item from these		MATERIAL:			PART NO.	p0080-019		А3
		only.	s for personal use	WEIGHT:			SCALE:1:5		SHEET 24 OF 28	



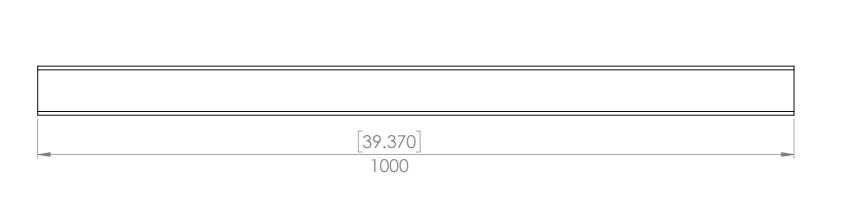


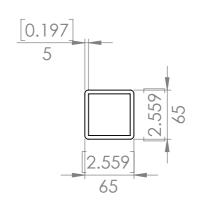


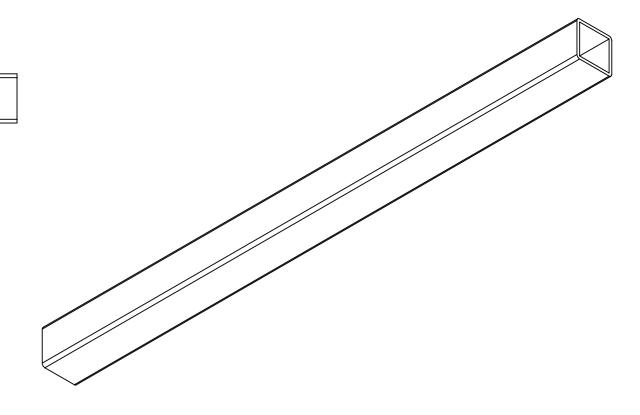




	OTHERWISE SPECIFIED		FINISH:			DEBUR AND BREAK SHARP	DO	NOT SCALE DRAWING	REVISION	Α	
TOLERAN LINEAR ANGUL						EDGES	Design & Build				
	NAME		DATE				TITLE:				
DRAWN	Merlin		2017-03-30								
Q.A	Merlin							Tow Hitch			
		Copyright (c)2017 Designed 2 Build		STOCK:							
- 1				STOCK SIZE:							
		All rights reserved. Permission is hereby granted to produce one item from these plans for personal use		MATERIAL:			PART NO.	p0080	p0080-021		
		only.		WEIGHT:			SCALE:1:2		SHEET 26 OF 28		







UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS				DEBUR AND BREAK SHARP	DO N	IOT SCALE DRAWING	REVISION	A		
TOLERANCES: LINEAR: +/- 1mm ANGULAR: +/- 1degree		EDC		EDGES	Designed 2 Build					
	NAME	DATE				TITLE:				
DRAWN	Merlin	2017-03-28								
Q.A	Merlin	2017-07-15				Centre Drawbar				
	-	Copyright (c)2017	STOCK:	SHS						
- 1		Designed 2 Build All rights reserved.	STOCK SIZE:	65x6	5x5					
	Permission is hereby granted to produce one item from these plans for personal use		MATERIAL:	in Carbo	part no.		p0080-022		A3	
- 5		only.	WEIGHT: 9192	2.61		SCALE:1:5 SHEET 27 OF 28		SHEET 27 OF 28		

