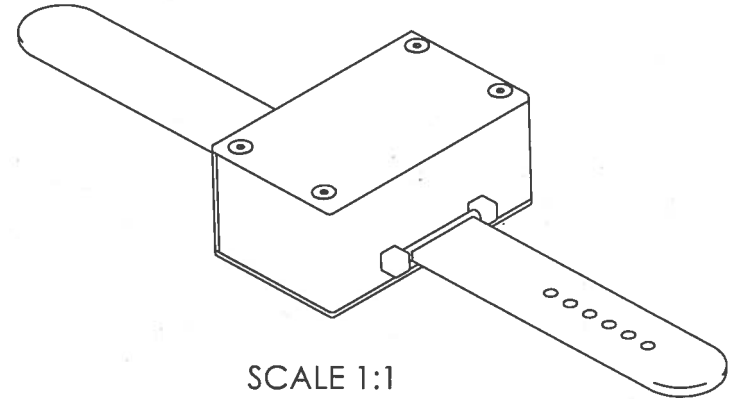
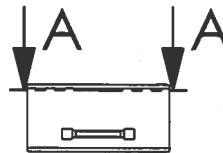
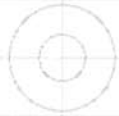



SECTION A-A
SCALE 1 : 2

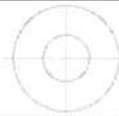


SCALE 1:1



 			DO NOT SCALE DRAWING		REVISION	
McGill University						
DRAWN		NAME	SIGNATURE	DATE	TITLE:	
APPV'D		JULIEN BRILLON	J.B.	11/28/14	Assembly View	
MATERIAL:			QUANTITY:		DWG NO.	
Aluminium/Rubber					A4	
SCALE 1:2				SHEET 1 OF 1		

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL/SUPPLIER	QTY.
1	M290-1	Disc	Aluminium	1
2	M290-2	Impacting bar	Aluminium	1
3	M290-3	Casing body	Aluminium	1
4	M290-4	Clamp	Aluminium	2
5	M290-5	Side panel	Aluminium	1
6	M290-6	Bottom panel	Rubber	1
7	M290-7	Top panel	Aluminium	1
8	M290-8	Strap with holes	Rubber	1
9	M290-9	Strap with fastener	Rubber	1
10	O615 S	Coreless DC Motor	MICROMO	1
11	94025A129	Nonmarring Flat Point Set Screw M1.6 Size, 2.5mm Long, 0.35mm Pitch	McMaster-Carr	2
12	91253A030	Type 316 Stainless Steel Flat-Head Socket Cap Screw 0-80 Thread, 3/16" Long	McMaster-Carr	14



DO NOT SCALE DRAWING

REVISION

McGill University

NAME
JULIEN BRILLON

DRAWN
APPVD

SIGNATURE
J.B.

DATE
11/28/14

TITLE:

Bill of Materials

QUANTITY:

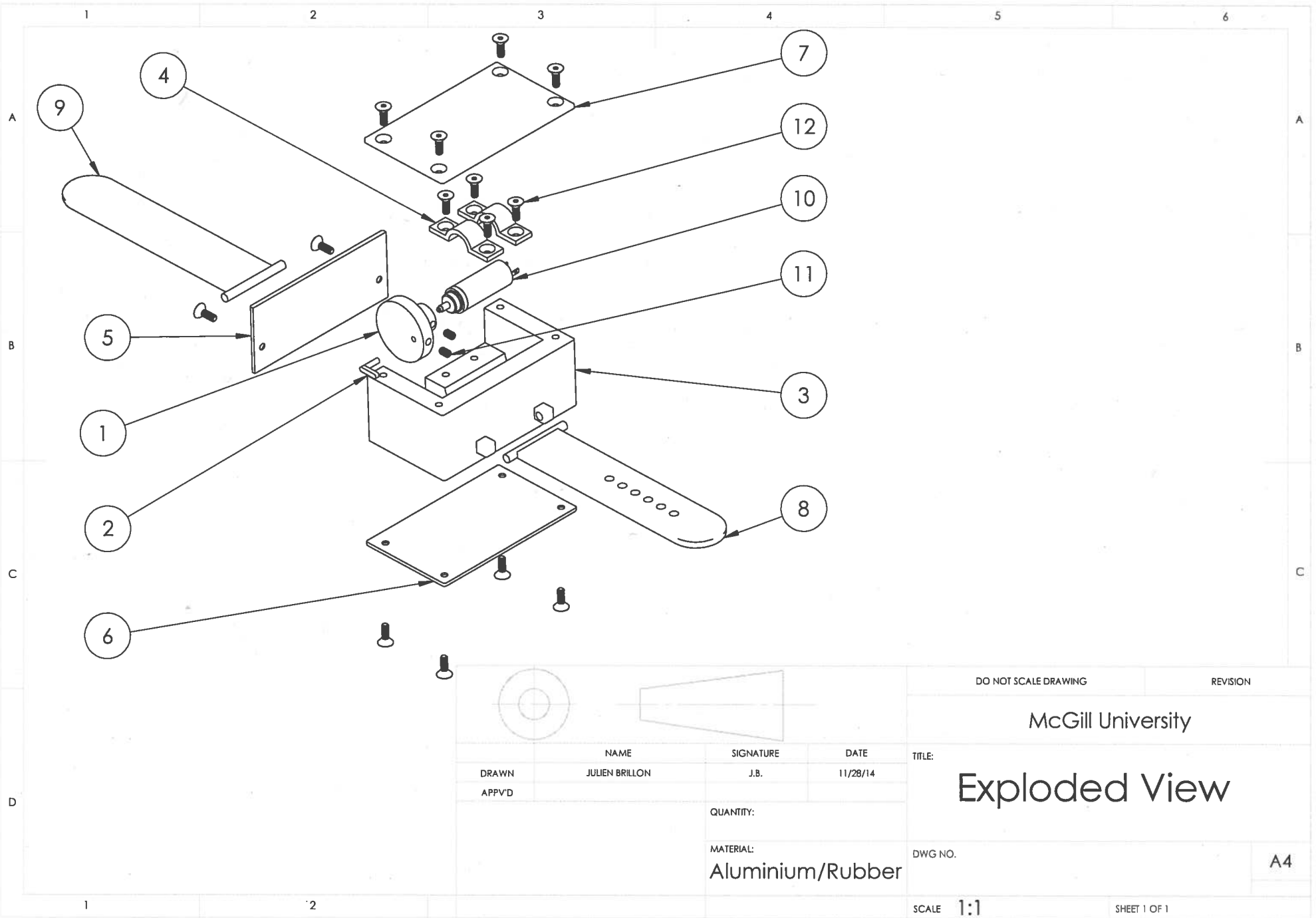
MATERIAL:

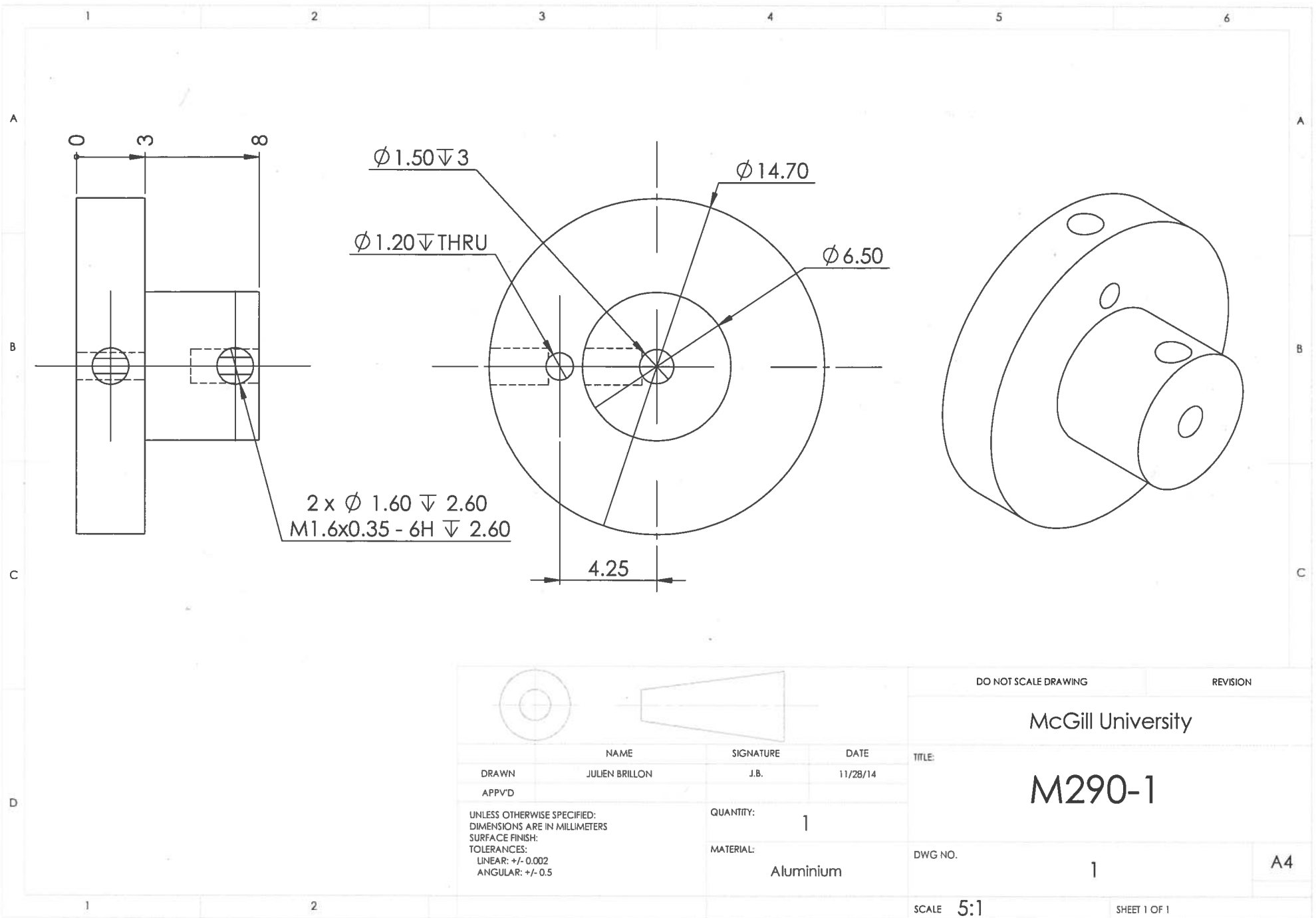
DWG NO.

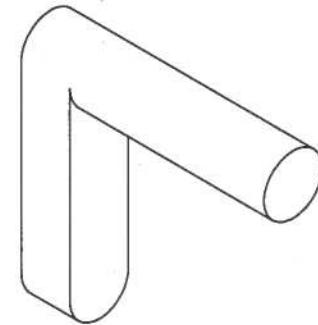
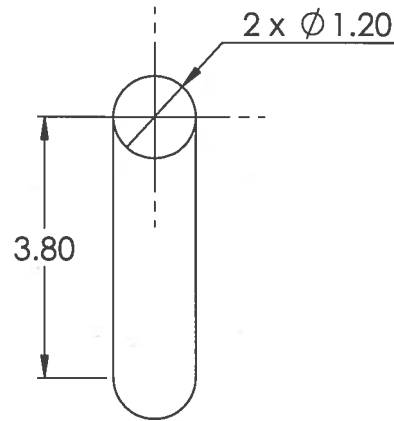
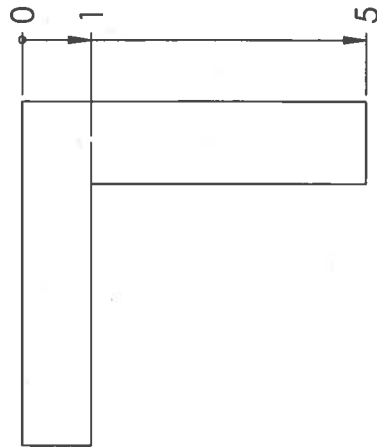
A4

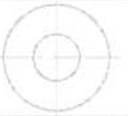

SCALE

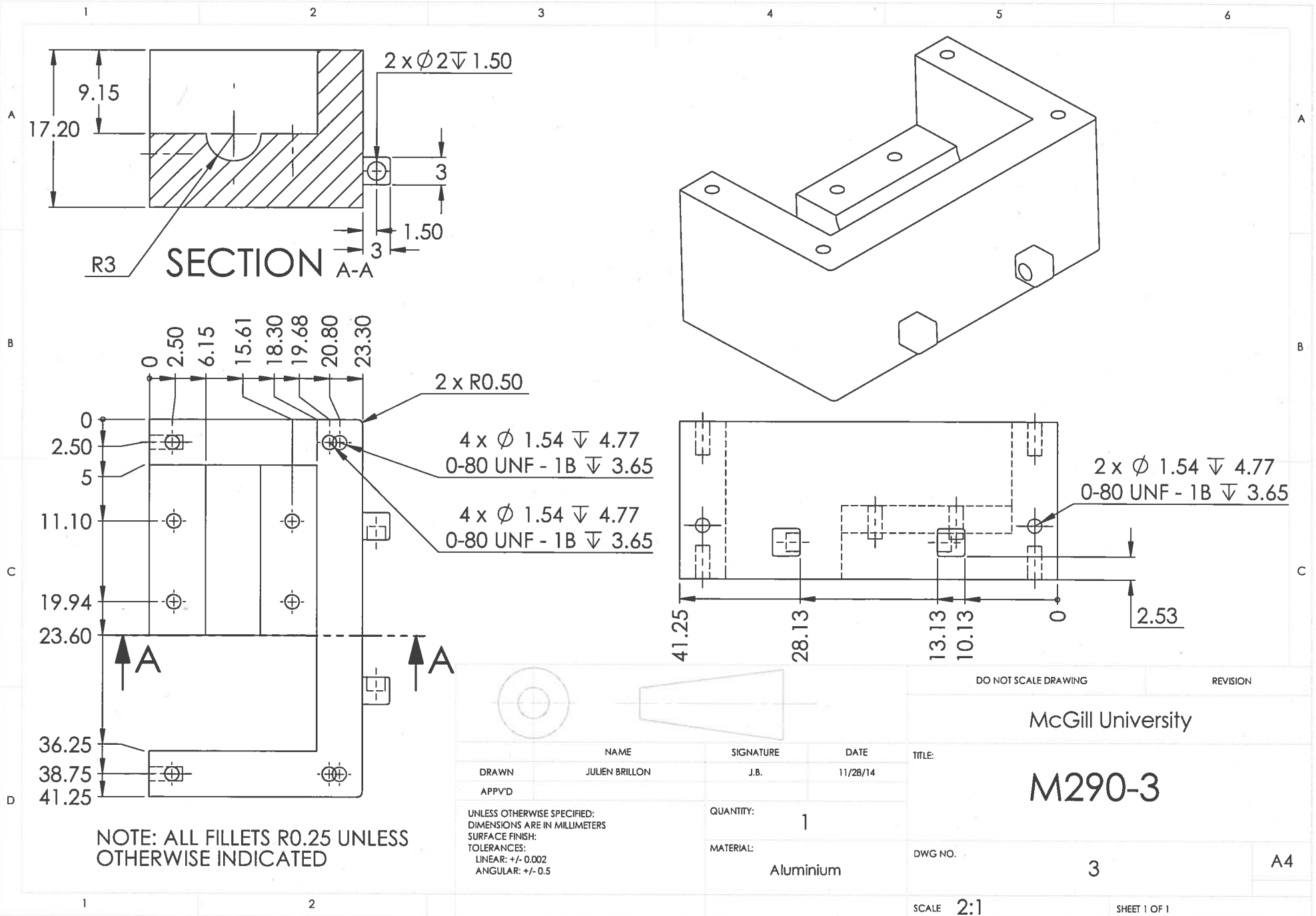
SHEET 1 OF 1

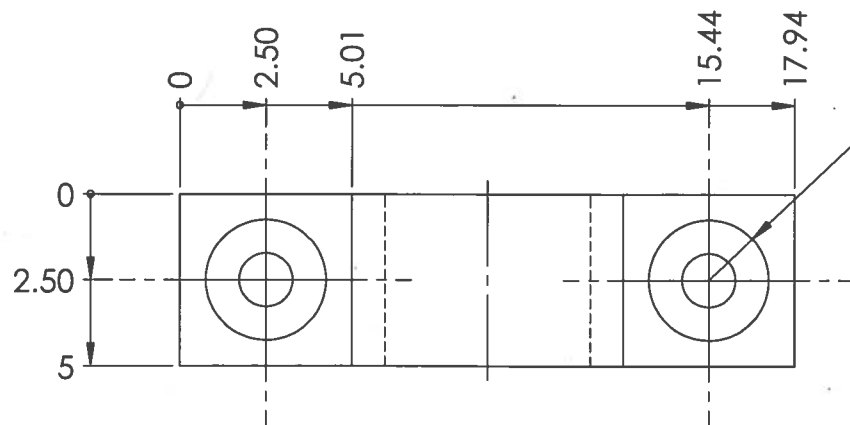




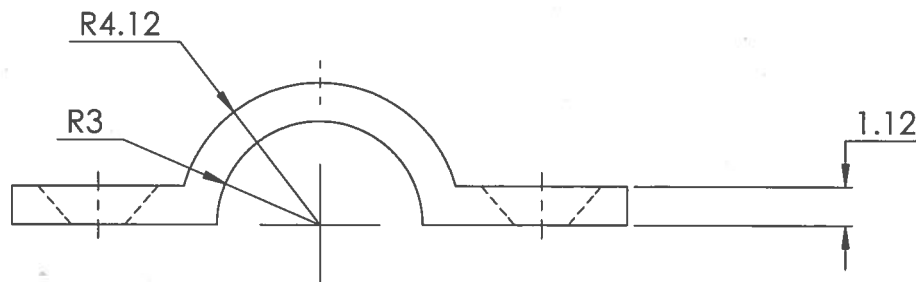
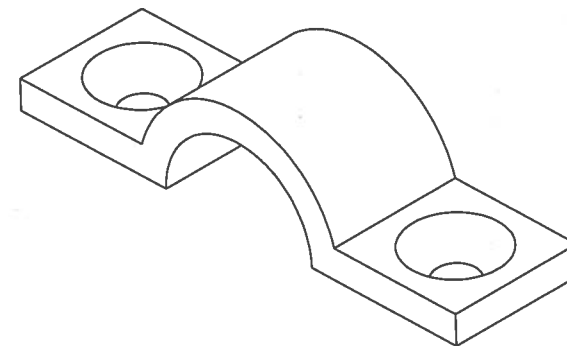




 		DO NOT SCALE DRAWING		REVISION	
		McGill University			
NAME JULIEN BRILLON		SIGNATURE J.B.		DATE 11/28/14	
DRAWN		APPV'D		TITLE: M290-2	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: +/- 0.002 ANGULAR: +/- 0.5		QUANTITY: 1		DWG NO.	
		MATERIAL: Aluminium		2	
		SCALE 10:1		SHEET 1 OF 1	

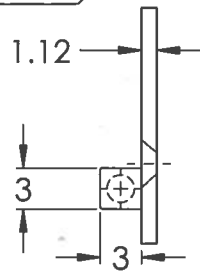
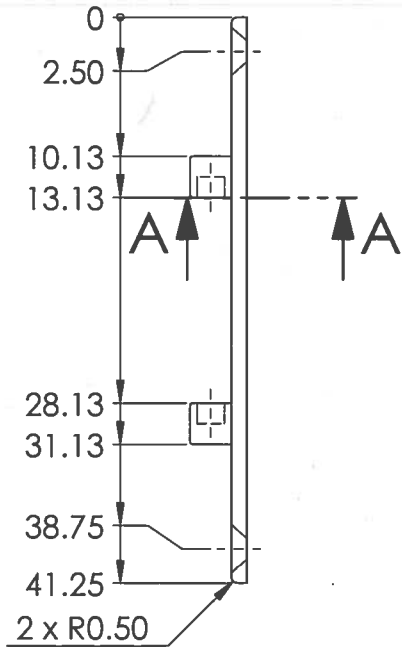




2 x \varnothing 1.54 THRU
 \sphericalangle \varnothing 3.51 X 82°



 		DO NOT SCALE DRAWING		REVISION	
				McGill University	
DRAWN JULIEN BRILLON APP'VD		NAME JULIEN BRILLON SIGNATURE J.B.	DATE 11/28/14	TITLE: <h1>M290-4</h1>	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: +/- 0.002 ANGULAR: +/- 0.5		QUANTITY: 2 MATERIAL: Aluminium	DWG NO. 4		A4
SCALE 5:1			SHEET 1 OF 1		

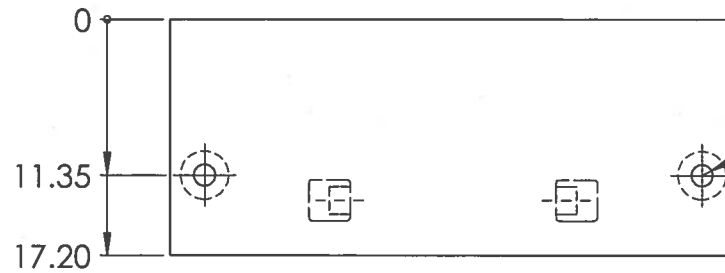
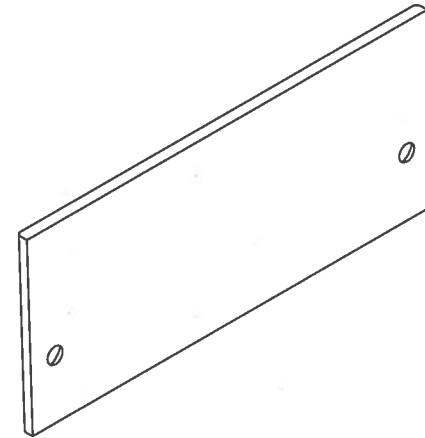


2 x $\phi 2 \nabla 1.50$

SECTION A-A

SCALE 2 : 1

NOTE: ALL FILLETS R0.25 UNLESS OTHERWISE INDICATED

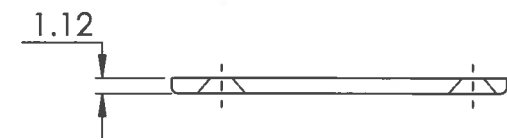
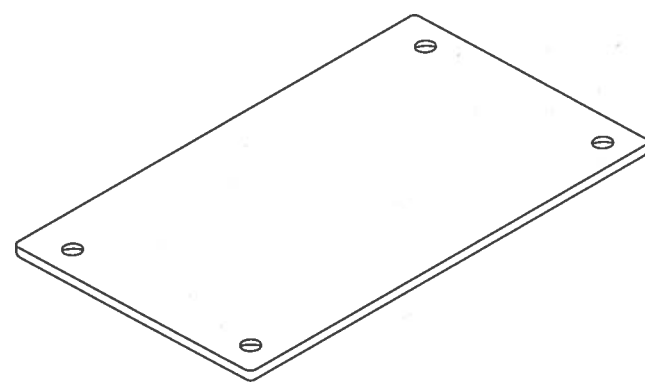
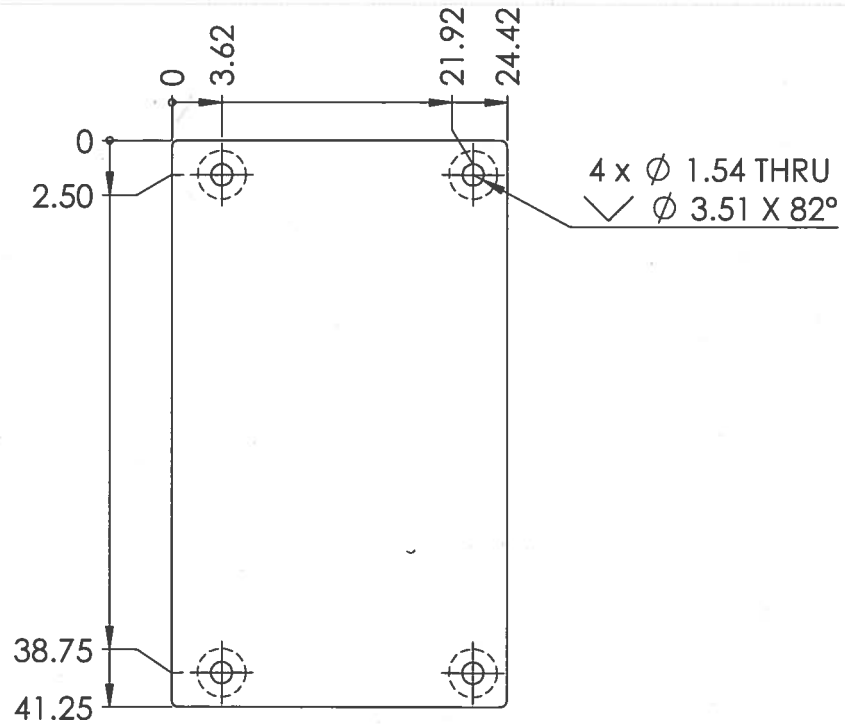


2 x $\phi 1.54$ THRU
 $\nabla \phi 3.51 \times 82^\circ$

			DO NOT SCALE DRAWING		REVISION	
			McGill University			
			M290-5			
NAME JULIEN BRILLON		SIGNATURE J.B.		DATE 11/28/14		TITLE:
DRAWN APPVD		QUANTITY 1		MATERIAL Aluminium		DWG NO. 5
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ± 0.002 ANGULAR: ± 0.5				SCALE 1:1		SHEET 1 OF 1

A4

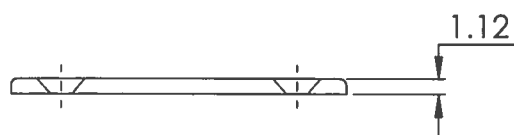
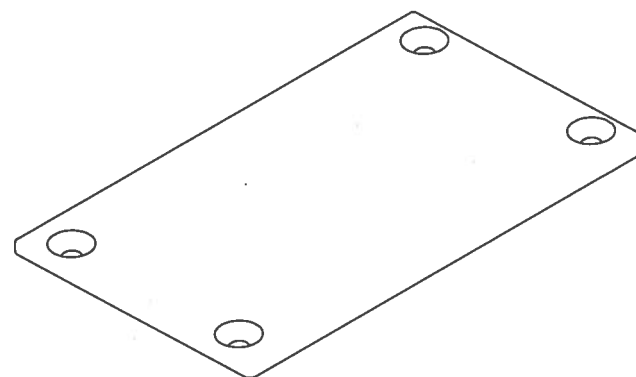
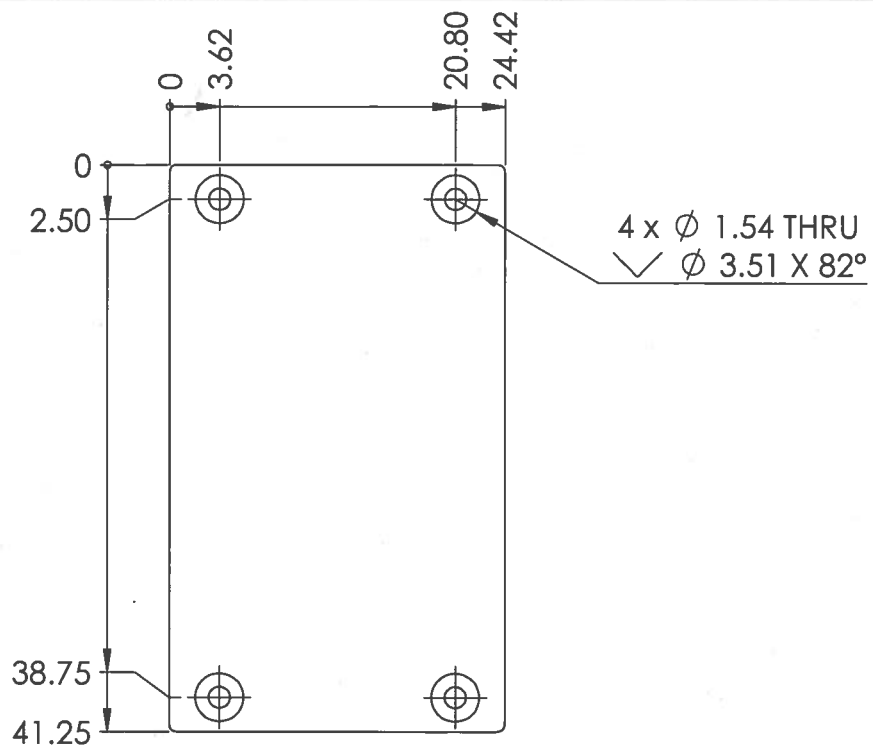
NOTE: ALL FILLETS R0.50





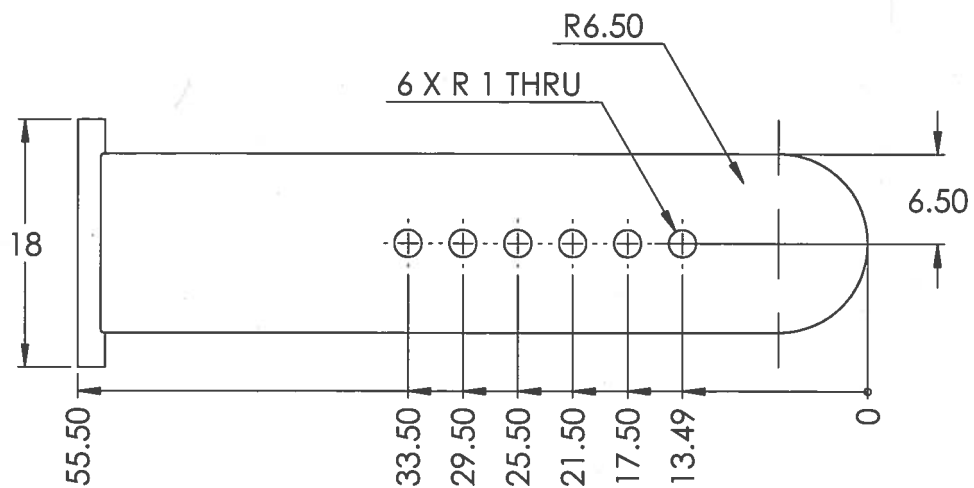
		DO NOT SCALE DRAWING		REVISION	
McGill University					
DRAWN JULIEN BRILLON		SIGNATURE J.B.		DATE 11/28/14	
APPV'D		QUANTITY: 1		TITLE: <h1>M290-6</h1>	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: +/- 0.002 ANGULAR: +/- 0.5		MATERIAL: Rubber		DWG NO. 6	
		SCALE 2:1		SHEET 1 OF 1	

A4

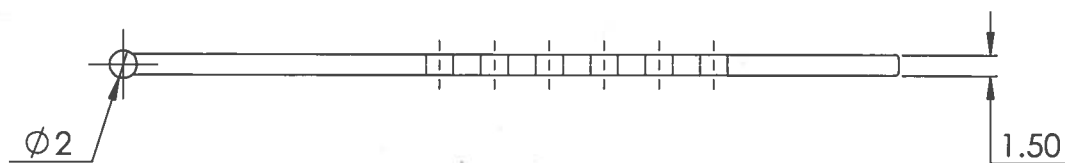
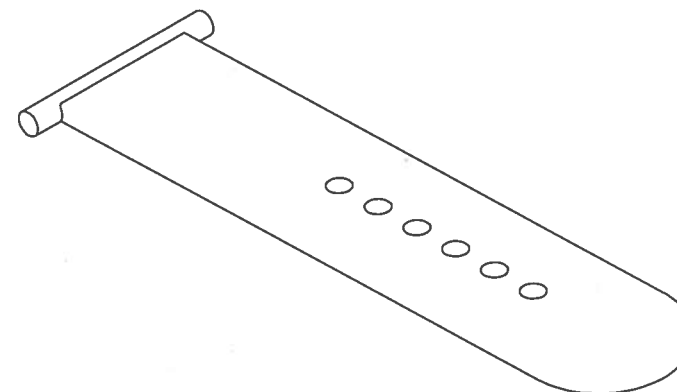
NOTE: ALL FILLETS R0.50



 			DO NOT SCALE DRAWING		REVISION	
			McGill University			
			M290-7			
NAME		SIGNATURE		DATE		TITLE
JULIEN BRILLON		J.B.		11/28/14		
DRAWN		APPV'D		QUANTITY:		DWG NO.
				1		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: +/- 0.002 ANGULAR: +/- 0.5		MATERIAL:		Aluminium		A4
SCALE 2:1				SHEET 1 OF 1		

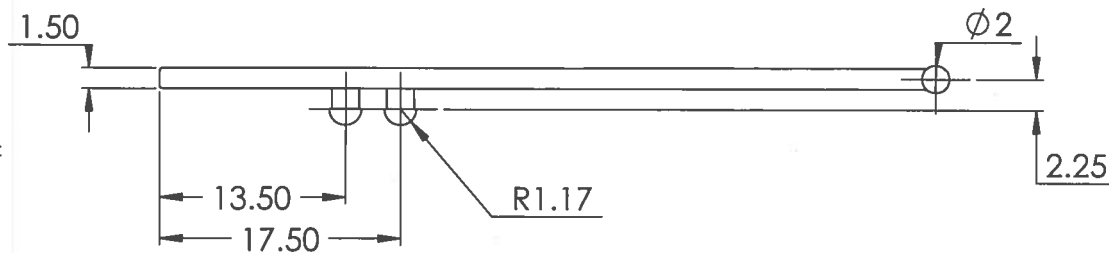
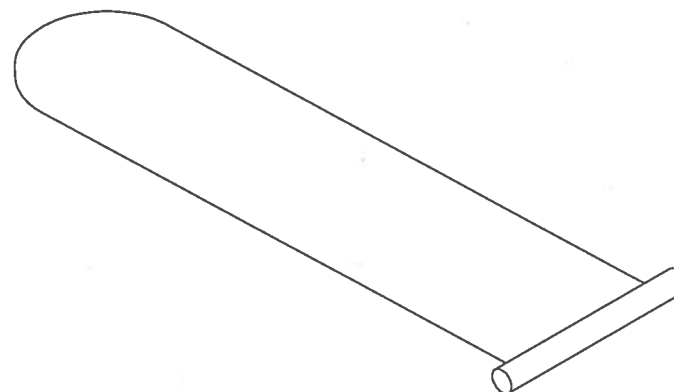
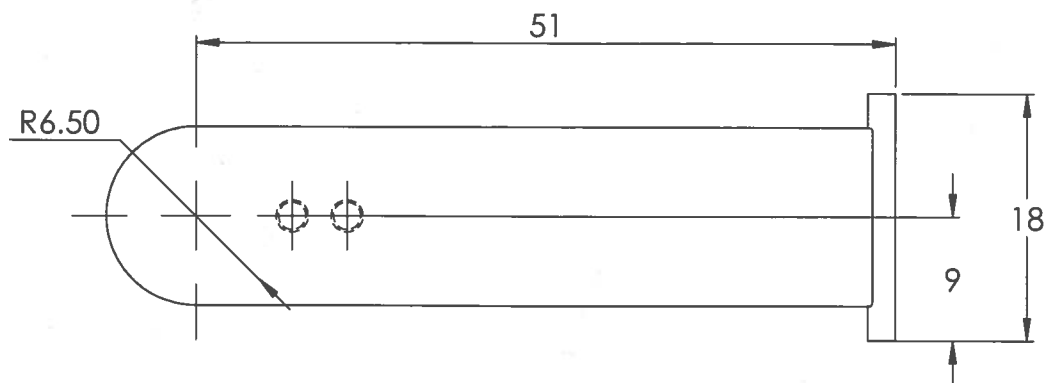


NOTE: ALL FILLETS R0.25



		DO NOT SCALE DRAWING		REVISION	
		McGill University			
DRAWN: JULIEN BRILLON APPV'D:		SIGNATURE: J.B.	DATE: 11/28/14	TITLE: M290-8	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: +/- 0.002 ANGULAR: +/- 0.5		QUANTITY: 1	MATERIAL: Rubber	DWG NO. 8	A4
SCALE 2:1			SHEET 1 OF 1		

NOTE: ALL FILLETS R0.25



		DO NOT SCALE DRAWING		REVISION	
		McGill University			
DRAWN	NAME JULIEN BRILLON	SIGNATURE J.B.	DATE 11/28/14	TITLE: M290-9	
APPV'D	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: +/- 0.002 ANGULAR: +/- 0.5		QUANTITY: 1	MATERIAL: Rubber	DWG NO. 9
			SCALE 2:1	SHEET 1 OF 1	