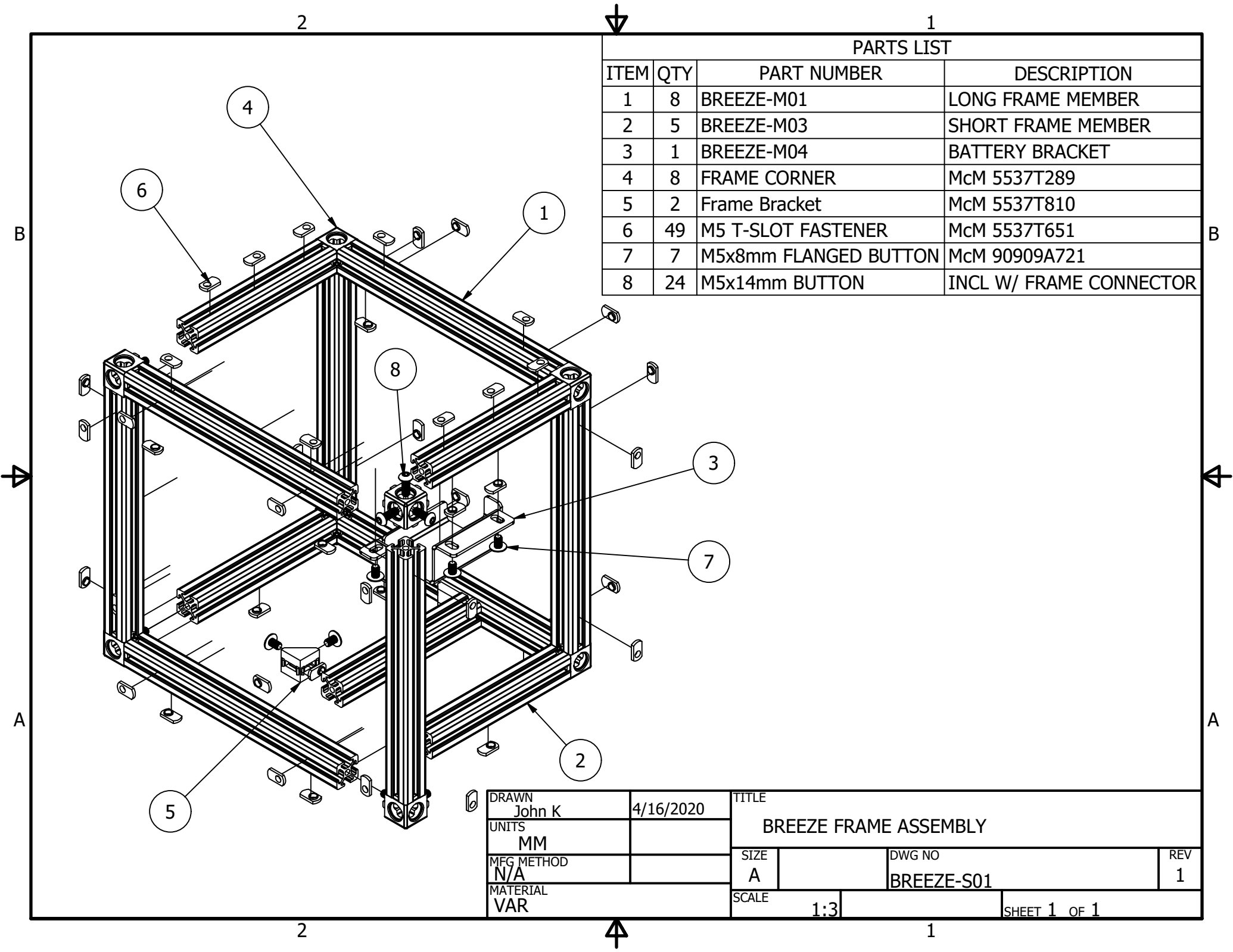


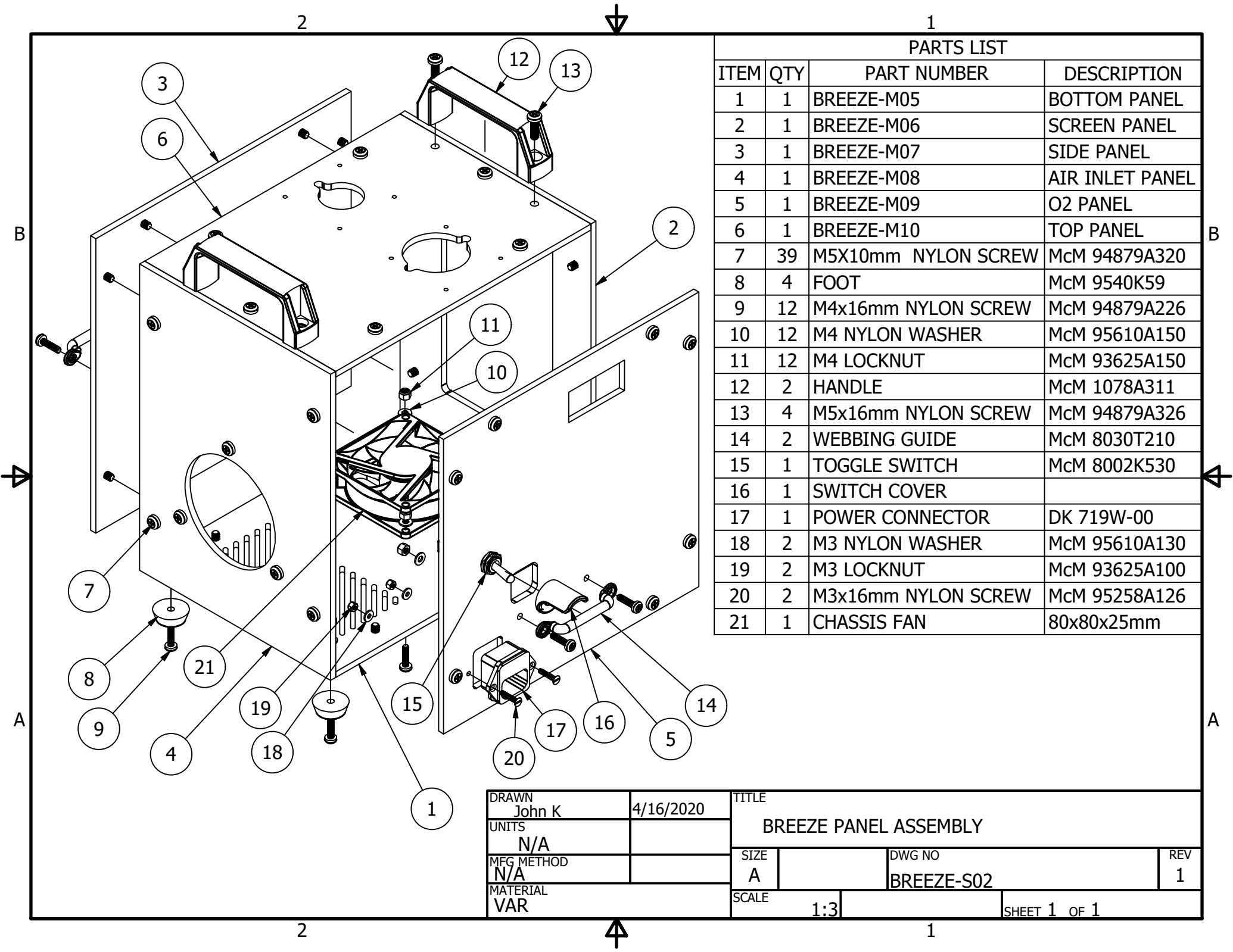
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BREEZE-S01	FRAME ASSEMBLY
2	1	BREEZE-S02	PANEL ASSEMBLY
3	1	BREEZE-S03	AIR INLET ASSEMBLY
4	1	BREEZE-S04	STEPPER ASSEMBLY
5	1	BREEZE-S05	IMPELLER ASSEMBLY
6	1	BREEZE-S06	OUTLET ASSEMBLY
7	1	BREEZE-S07	EXHAUST ASSEMBLY
8	1	BREEZE-S08	PCB ASSEMBLY
9	1	BATTERY	12V 1.4AH SLA
10	1	POWER SUPPLY	RPS-120-12
11	1	RASPBERRY Pi LCD	TOUCH SCREEN

DRAWN John K	4/16/2020	TITLE BREEZE VENTILATOR - MTL VENTILATOR		
UNITS MM				
MFG METHOD N/A		SIZE A	DWG NO BREEZE	REV 1
MATERIAL VAR		SCALE 1:5	SHEET 1 OF 1	



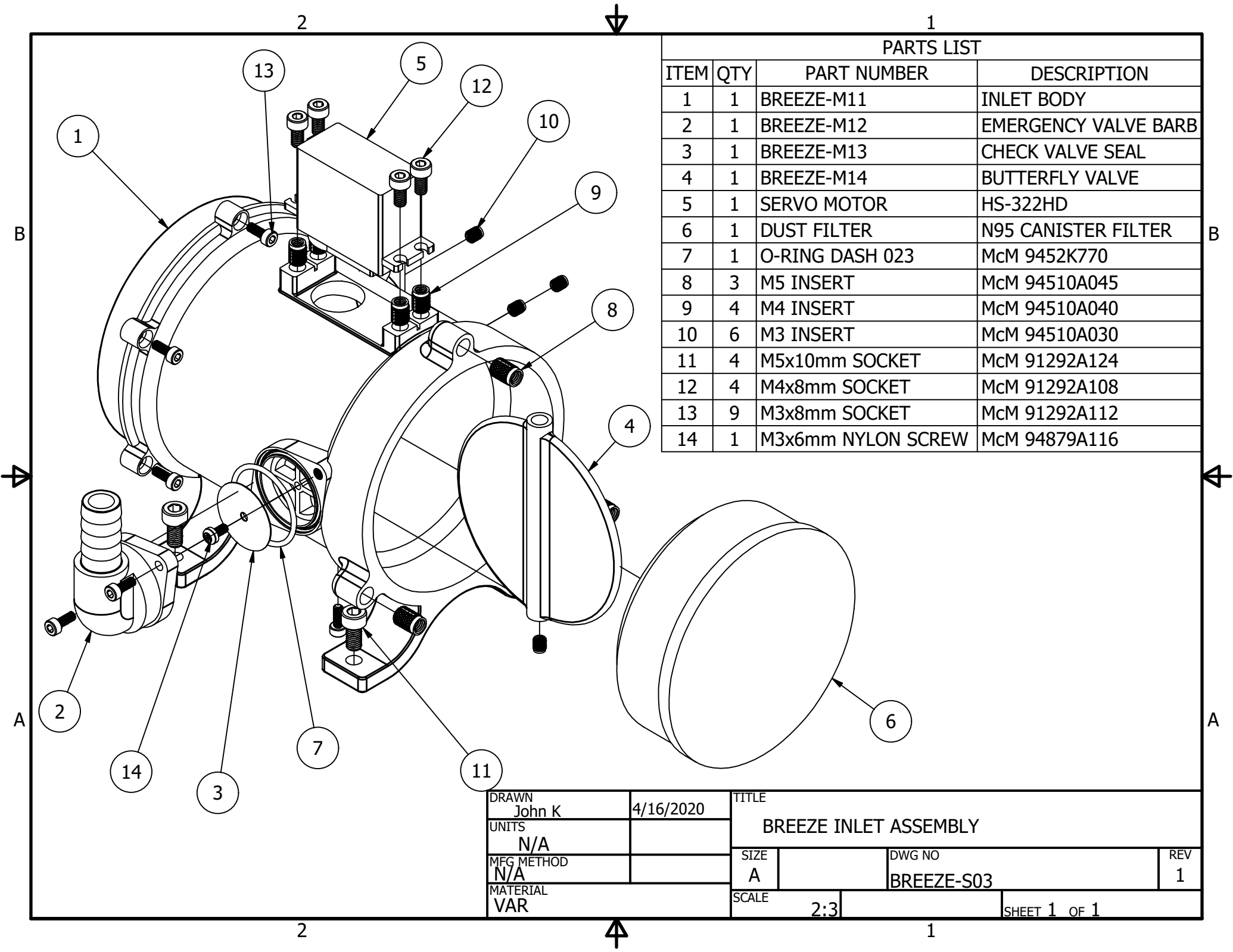
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	8	BREEZE-M01	LONG FRAME MEMBER
2	5	BREEZE-M03	SHORT FRAME MEMBER
3	1	BREEZE-M04	BATTERY BRACKET
4	8	FRAME CORNER	McM 5537T289
5	2	Frame Bracket	McM 5537T810
6	49	M5 T-SLOT FASTENER	McM 5537T651
7	7	M5x8mm FLANGED BUTTON	McM 90909A721
8	24	M5x14mm BUTTON	INCL W/ FRAME CONNECTOR

DRAWN John K		4/16/2020		TITLE BREEZE FRAME ASSEMBLY			
UNITS MM							
MFG METHOD N/A				SIZE A		DWG NO BREEZE-S01	REV 1
MATERIAL VAR				SCALE 1:3		SHEET 1 OF 1	



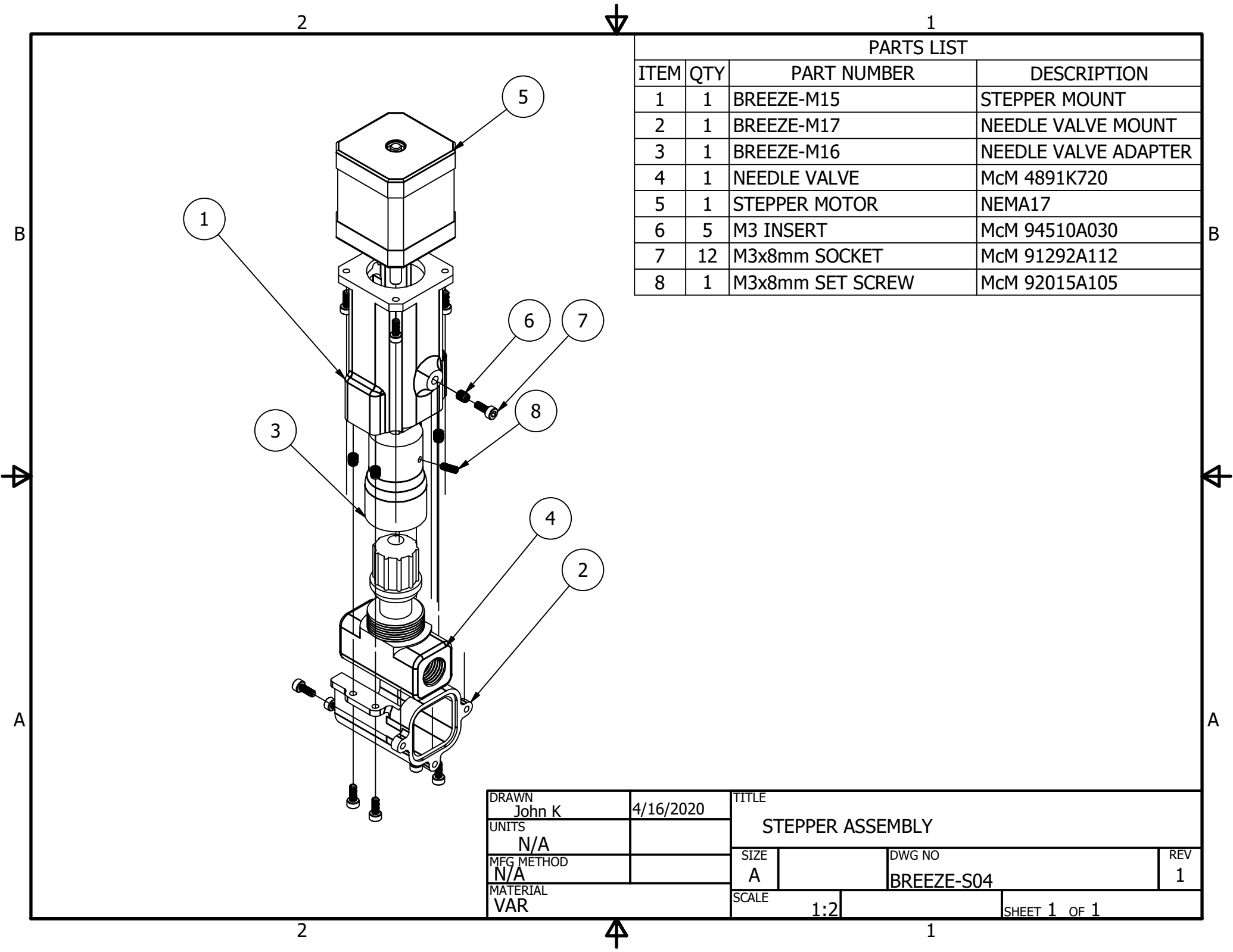
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BREEZE-M05	BOTTOM PANEL
2	1	BREEZE-M06	SCREEN PANEL
3	1	BREEZE-M07	SIDE PANEL
4	1	BREEZE-M08	AIR INLET PANEL
5	1	BREEZE-M09	O2 PANEL
6	1	BREEZE-M10	TOP PANEL
7	39	M5X10mm NYLON SCREW	McM 94879A320
8	4	FOOT	McM 9540K59
9	12	M4x16mm NYLON SCREW	McM 94879A226
10	12	M4 NYLON WASHER	McM 95610A150
11	12	M4 LOCKNUT	McM 93625A150
12	2	HANDLE	McM 1078A311
13	4	M5x16mm NYLON SCREW	McM 94879A326
14	2	WEBBING GUIDE	McM 8030T210
15	1	TOGGLE SWITCH	McM 8002K530
16	1	SWITCH COVER	
17	1	POWER CONNECTOR	DK 719W-00
18	2	M3 NYLON WASHER	McM 95610A130
19	2	M3 LOCKNUT	McM 93625A100
20	2	M3x16mm NYLON SCREW	McM 95258A126
21	1	CHASSIS FAN	80x80x25mm

DRAWN John K	4/16/2020	TITLE BREEZE PANEL ASSEMBLY		
UNITS N/A				
MFG METHOD N/A		SIZE A	DWG NO BREEZE-S02	REV 1
MATERIAL VAR		SCALE 1:3	SHEET 1 OF 1	



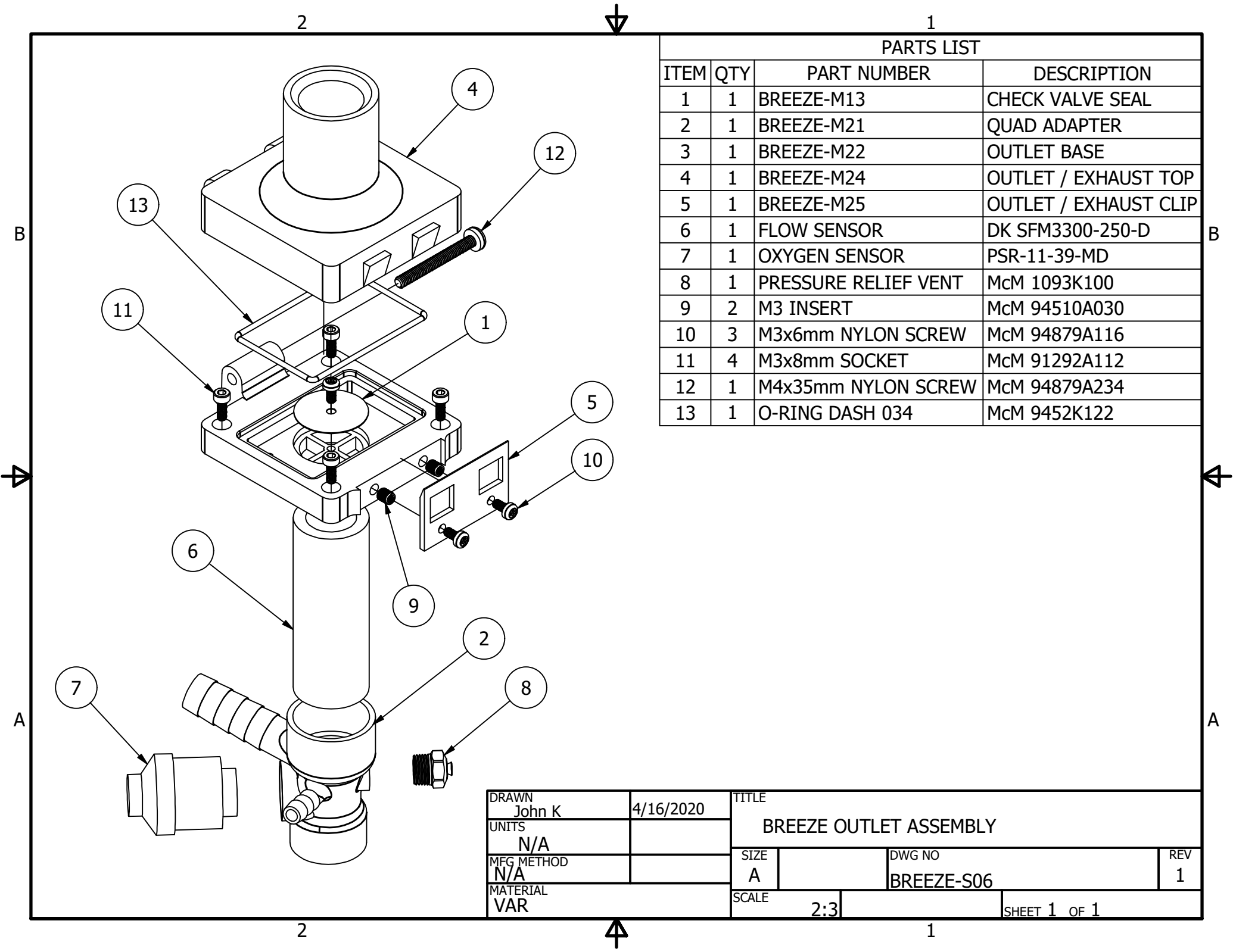
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BREEZE-M11	INLET BODY
2	1	BREEZE-M12	EMERGENCY VALVE BARB
3	1	BREEZE-M13	CHECK VALVE SEAL
4	1	BREEZE-M14	BUTTERFLY VALVE
5	1	SERVO MOTOR	HS-322HD
6	1	DUST FILTER	N95 CANISTER FILTER
7	1	O-RING DASH 023	McM 9452K770
8	3	M5 INSERT	McM 94510A045
9	4	M4 INSERT	McM 94510A040
10	6	M3 INSERT	McM 94510A030
11	4	M5x10mm SOCKET	McM 91292A124
12	4	M4x8mm SOCKET	McM 91292A108
13	9	M3x8mm SOCKET	McM 91292A112
14	1	M3x6mm NYLON SCREW	McM 94879A116

DRAWN John K		4/16/2020		TITLE BREEZE INLET ASSEMBLY			
UNITS N/A							
MFG METHOD N/A				SIZE A		DWG NO BREEZE-S03	REV 1
MATERIAL VAR				SCALE 2:3			SHEET 1 OF 1



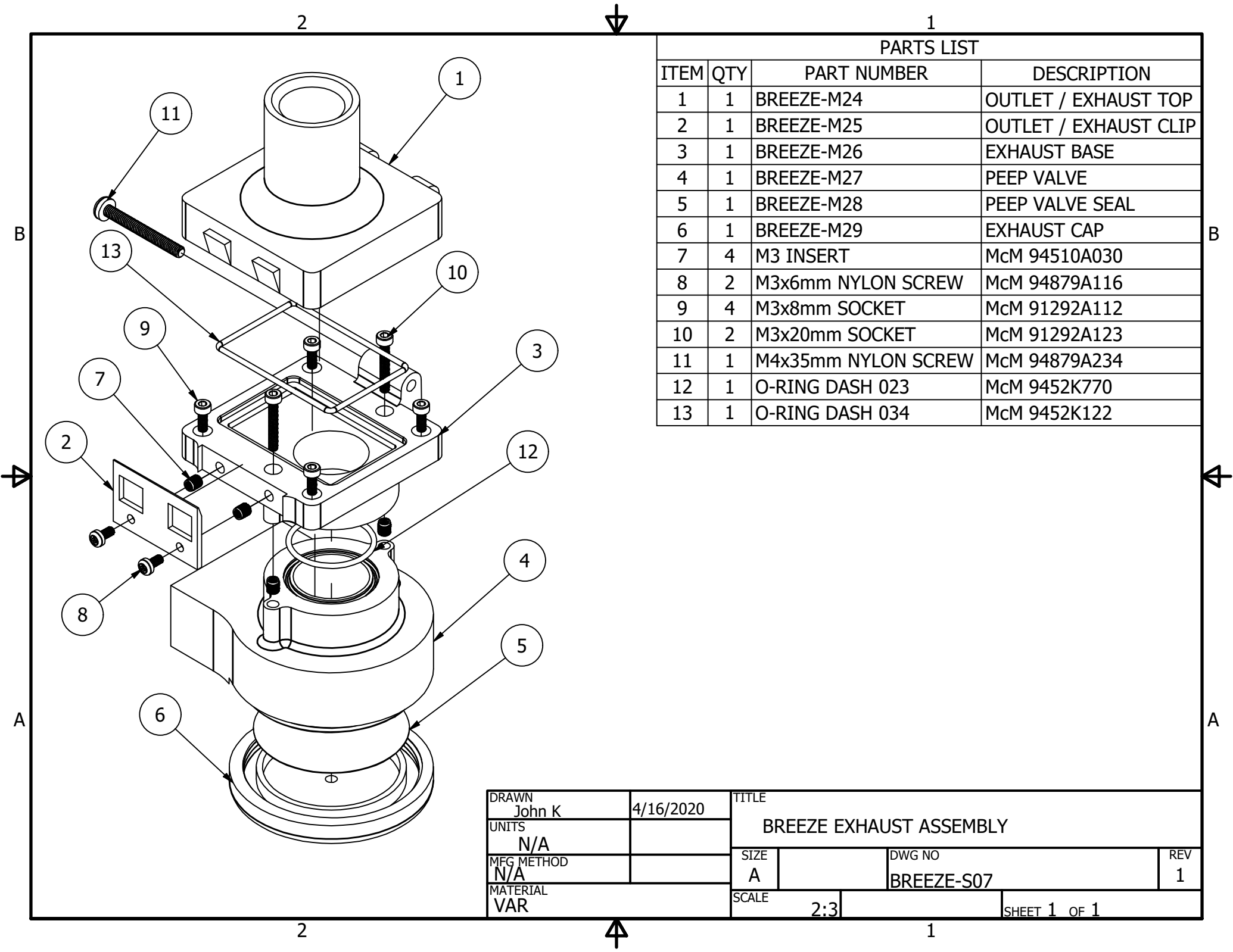
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BREEZE-M15	STEPPER MOUNT
2	1	BREEZE-M17	NEEDLE VALVE MOUNT
3	1	BREEZE-M16	NEEDLE VALVE ADAPTER
4	1	NEEDLE VALVE	McM 4891K720
5	1	STEPPER MOTOR	NEMA17
6	5	M3 INSERT	McM 94510A030
7	12	M3x8mm SOCKET	McM 91292A112
8	1	M3x8mm SET SCREW	McM 92015A105

DRAWN John K	4/16/2020	TITLE STEPPER ASSEMBLY		
UNITS N/A				
MFG METHOD N/A		SIZE A	DWG NO BREEZE-S04	REV 1
MATERIAL VAR		SCALE 1:2	SHEET 1 OF 1	



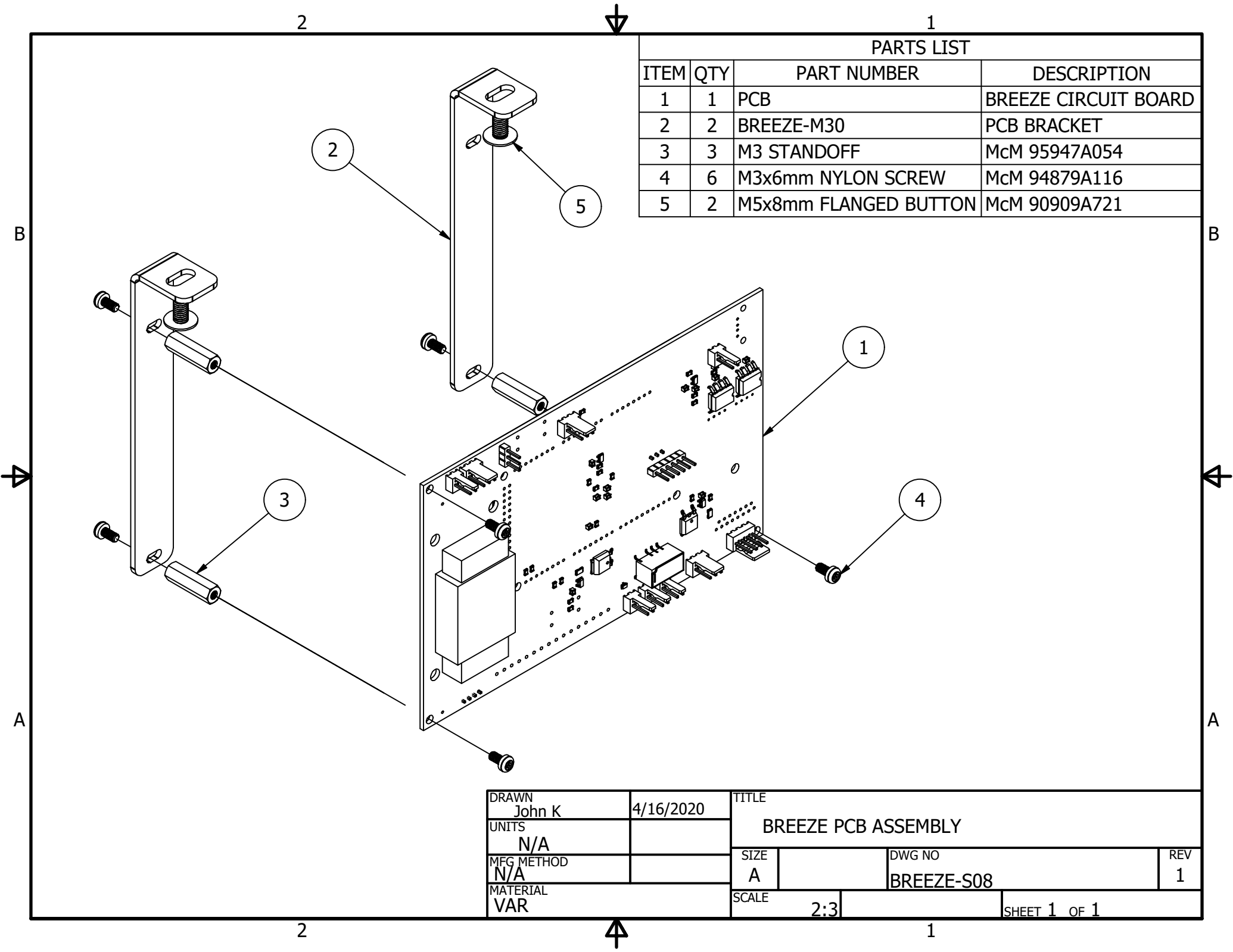
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BREEZE-M13	CHECK VALVE SEAL
2	1	BREEZE-M21	QUAD ADAPTER
3	1	BREEZE-M22	OUTLET BASE
4	1	BREEZE-M24	OUTLET / EXHAUST TOP
5	1	BREEZE-M25	OUTLET / EXHAUST CLIP
6	1	FLOW SENSOR	DK SFM3300-250-D
7	1	OXYGEN SENSOR	PSR-11-39-MD
8	1	PRESSURE RELIEF VENT	McM 1093K100
9	2	M3 INSERT	McM 94510A030
10	3	M3x6mm NYLON SCREW	McM 94879A116
11	4	M3x8mm SOCKET	McM 91292A112
12	1	M4x35mm NYLON SCREW	McM 94879A234
13	1	O-RING DASH 034	McM 9452K122

DRAWN John K		4/16/2020		TITLE BREEZE OUTLET ASSEMBLY			
UNITS N/A							
MFG METHOD N/A				SIZE A		DWG NO BREEZE-S06	REV 1
MATERIAL VAR				SCALE 2:3		SHEET 1 OF 1	



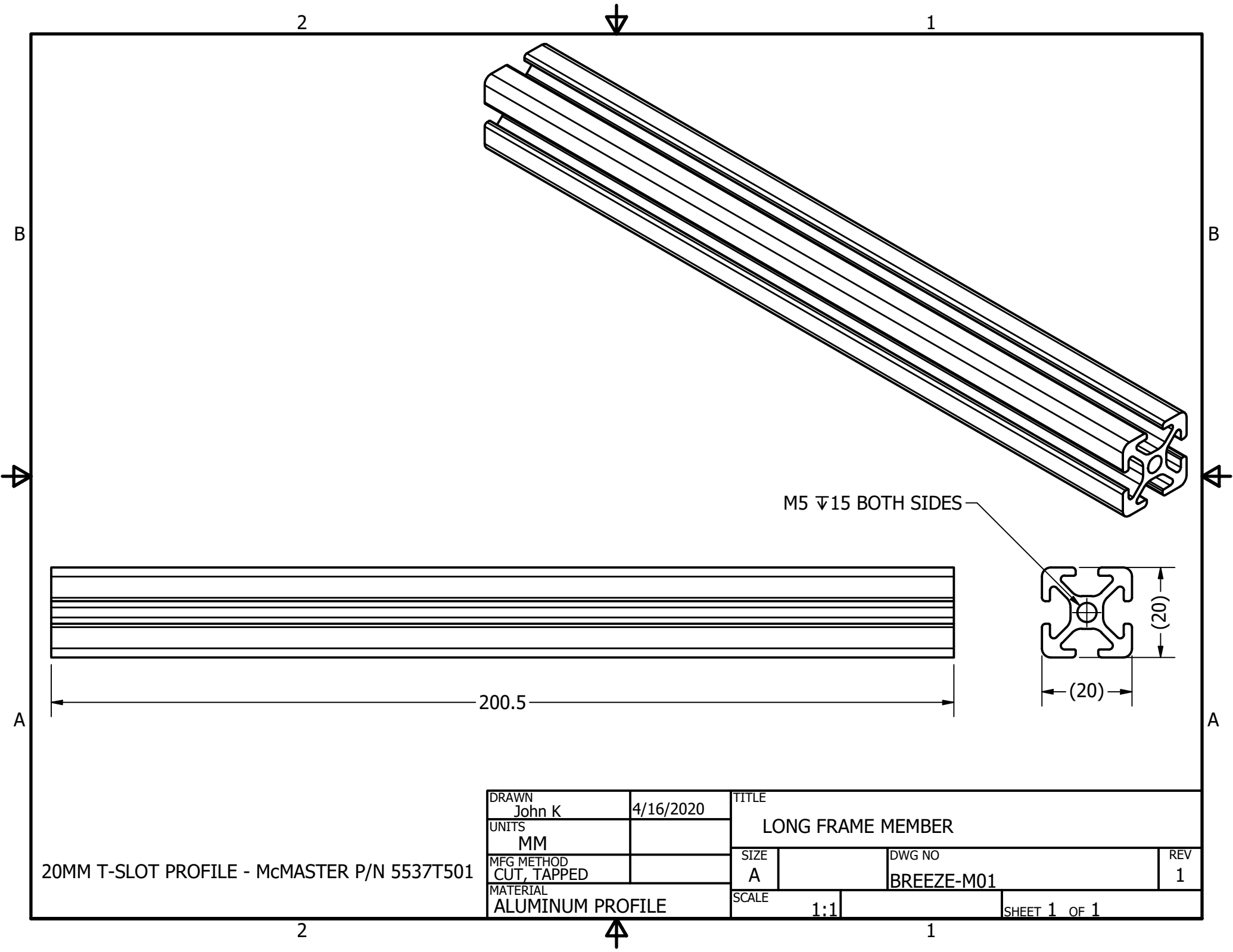
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BREEZE-M24	OUTLET / EXHAUST TOP
2	1	BREEZE-M25	OUTLET / EXHAUST CLIP
3	1	BREEZE-M26	EXHAUST BASE
4	1	BREEZE-M27	PEEP VALVE
5	1	BREEZE-M28	PEEP VALVE SEAL
6	1	BREEZE-M29	EXHAUST CAP
7	4	M3 INSERT	McM 94510A030
8	2	M3x6mm NYLON SCREW	McM 94879A116
9	4	M3x8mm SOCKET	McM 91292A112
10	2	M3x20mm SOCKET	McM 91292A123
11	1	M4x35mm NYLON SCREW	McM 94879A234
12	1	O-RING DASH 023	McM 9452K770
13	1	O-RING DASH 034	McM 9452K122

DRAWN John K	4/16/2020	TITLE BREEZE EXHAUST ASSEMBLY		
UNITS N/A				
MFG METHOD N/A		SIZE A	DWG NO BREEZE-S07	REV 1
MATERIAL VAR		SCALE 2:3	SHEET 1 OF 1	



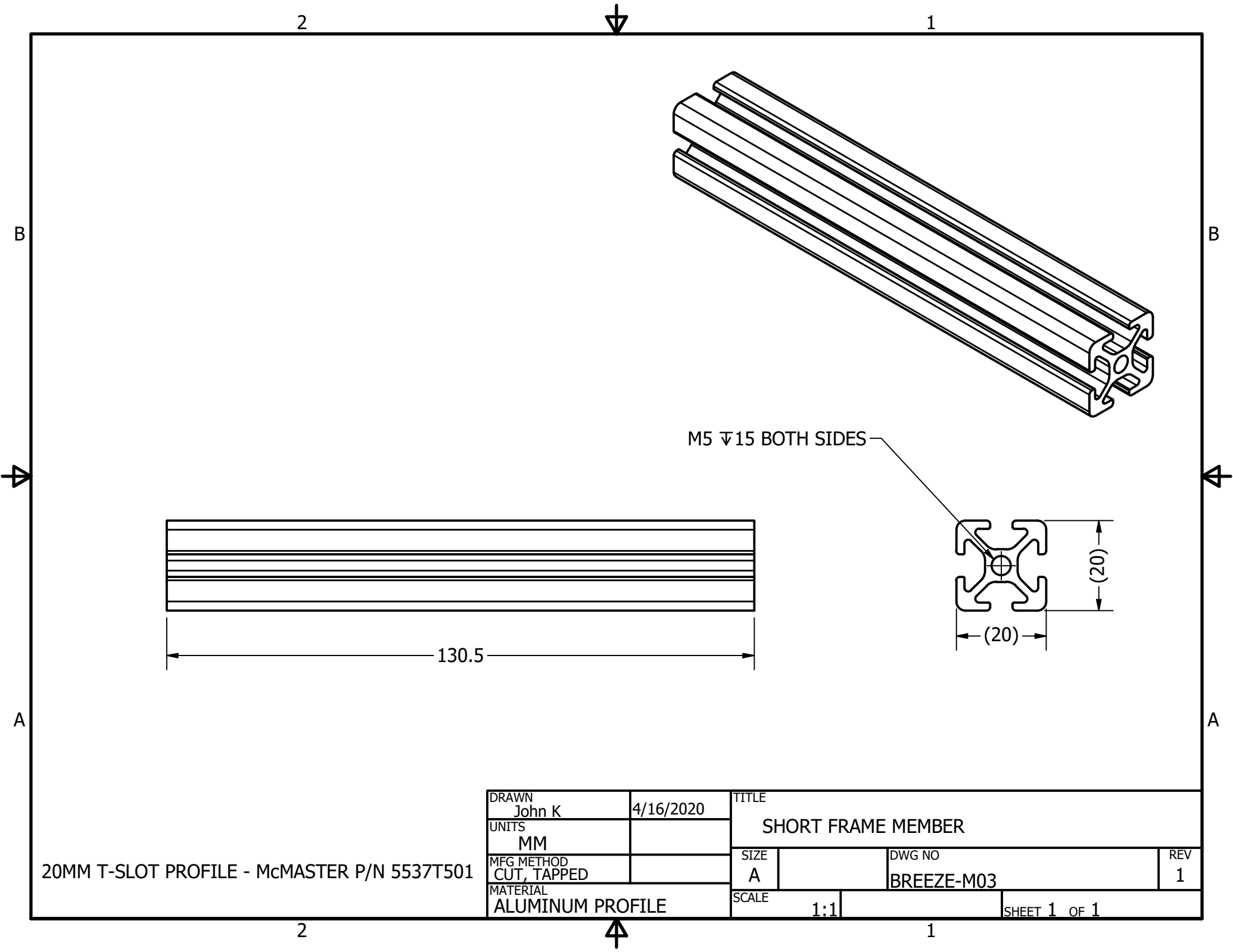
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PCB	BREEZE CIRCUIT BOARD
2	2	BREEZE-M30	PCB BRACKET
3	3	M3 STANDOFF	McM 95947A054
4	6	M3x6mm NYLON SCREW	McM 94879A116
5	2	M5x8mm FLANGED BUTTON	McM 90909A721

DRAWN John K	4/16/2020	TITLE BREEZE PCB ASSEMBLY		
UNITS N/A				
MFG METHOD N/A		SIZE A	DWG NO BREEZE-S08	REV 1
MATERIAL VAR		SCALE 2:3	SHEET 1 OF 1	



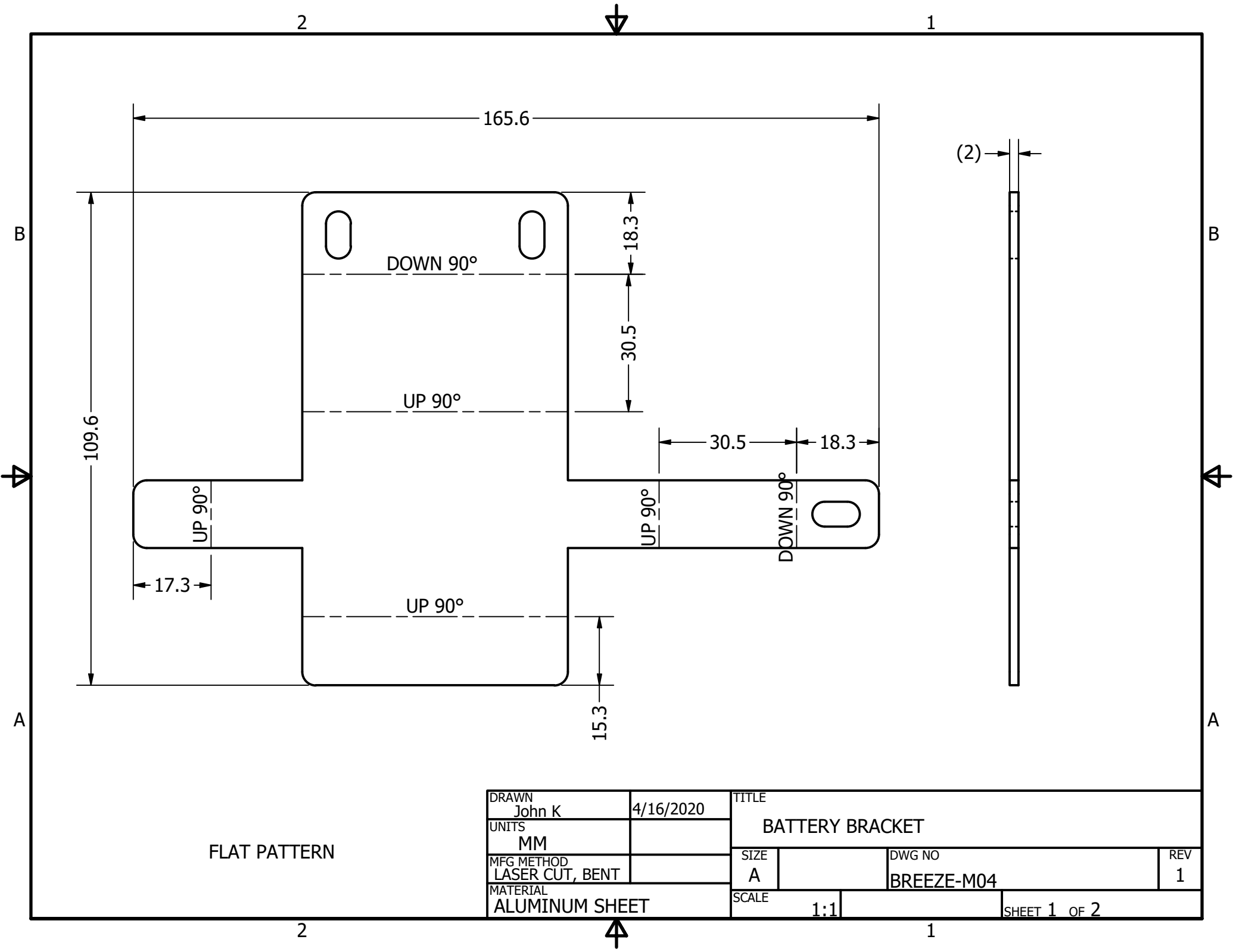
20MM T-SLOT PROFILE - McMASTER P/N 5537T501

DRAWN John K	4/16/2020	TITLE LONG FRAME MEMBER		
UNITS MM				
MFG METHOD CUT, TAPPED		SIZE A	DWG NO BREEZE-M01	REV 1
MATERIAL ALUMINUM PROFILE		SCALE 1:1	SHEET 1 OF 1	



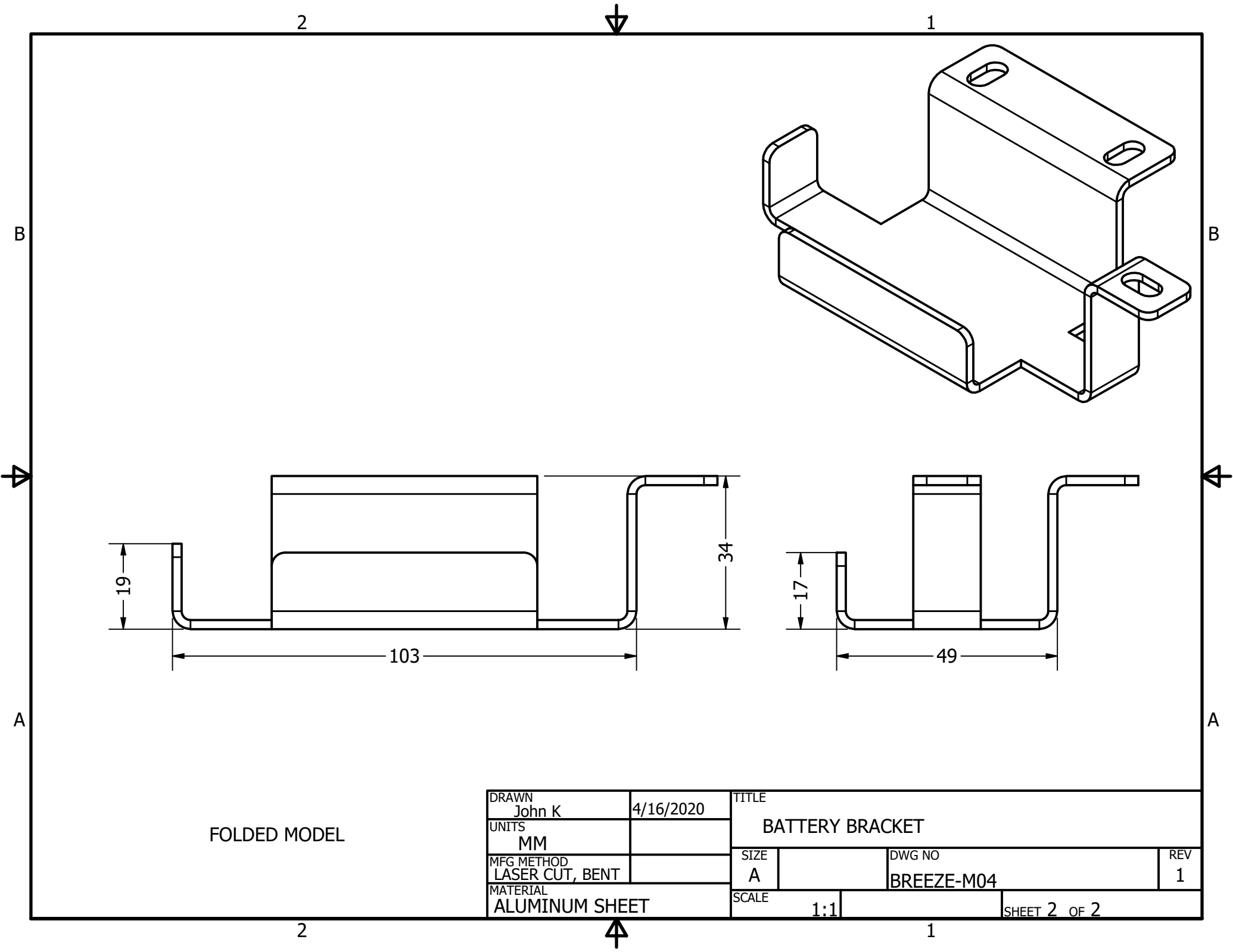
20MM T-SLOT PROFILE - McMASTER P/N 5537T501

DRAWN John K	4/16/2020	TITLE SHORT FRAME MEMBER		
UNITS MM				
MFG METHOD CUT, TAPPED		SIZE A	DWG NO BREEZE-M03	REV 1
MATERIAL ALUMINUM PROFILE		SCALE 1:1	SHEET 1 OF 1	



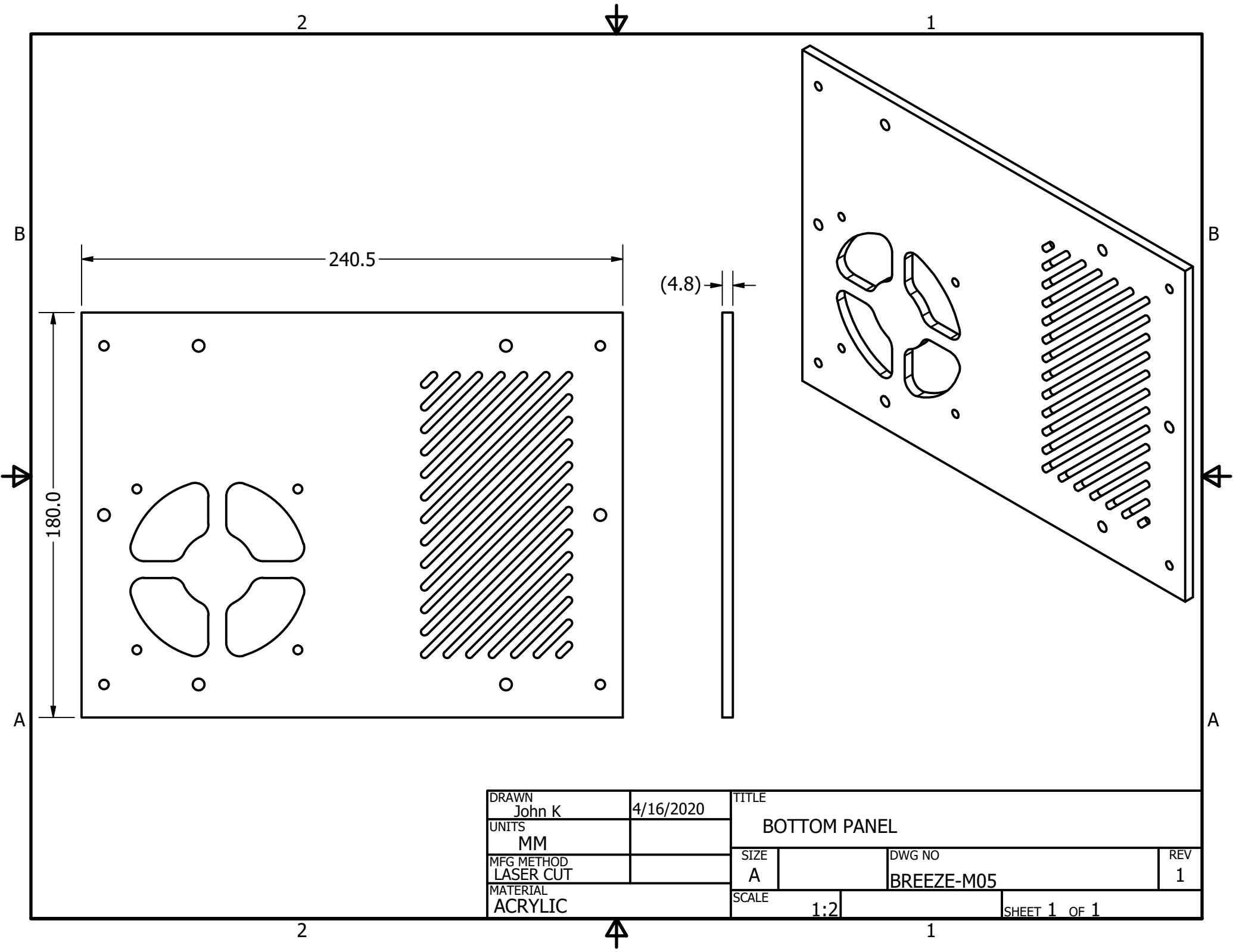
FLAT PATTERN

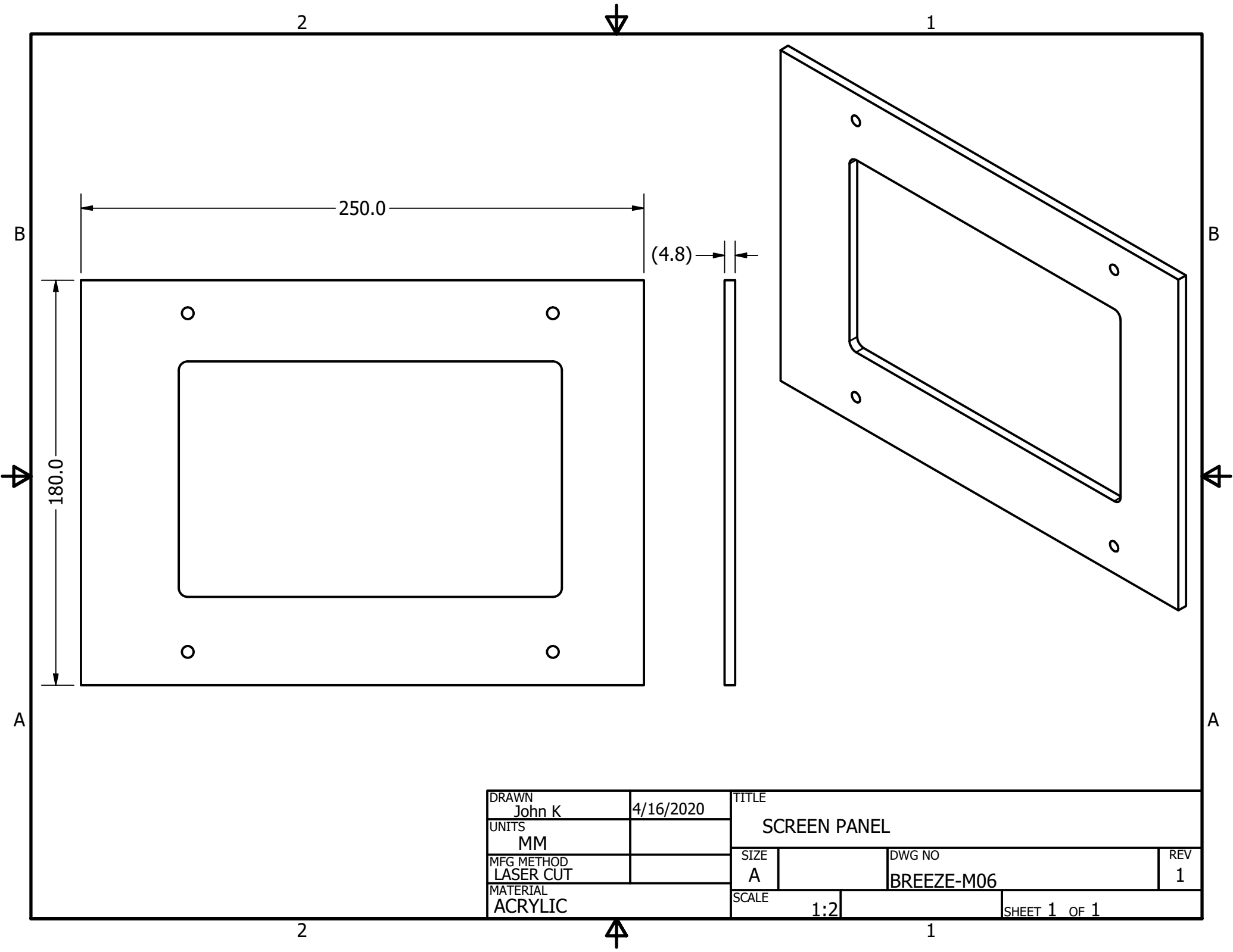
DRAWN John K	4/16/2020	TITLE BATTERY BRACKET		
UNITS MM				
MFG METHOD LASER CUT, BENT		SIZE A	DWG NO BREEZE-M04	REV 1
MATERIAL ALUMINUM SHEET		SCALE 1:1	SHEET 1 OF 2	



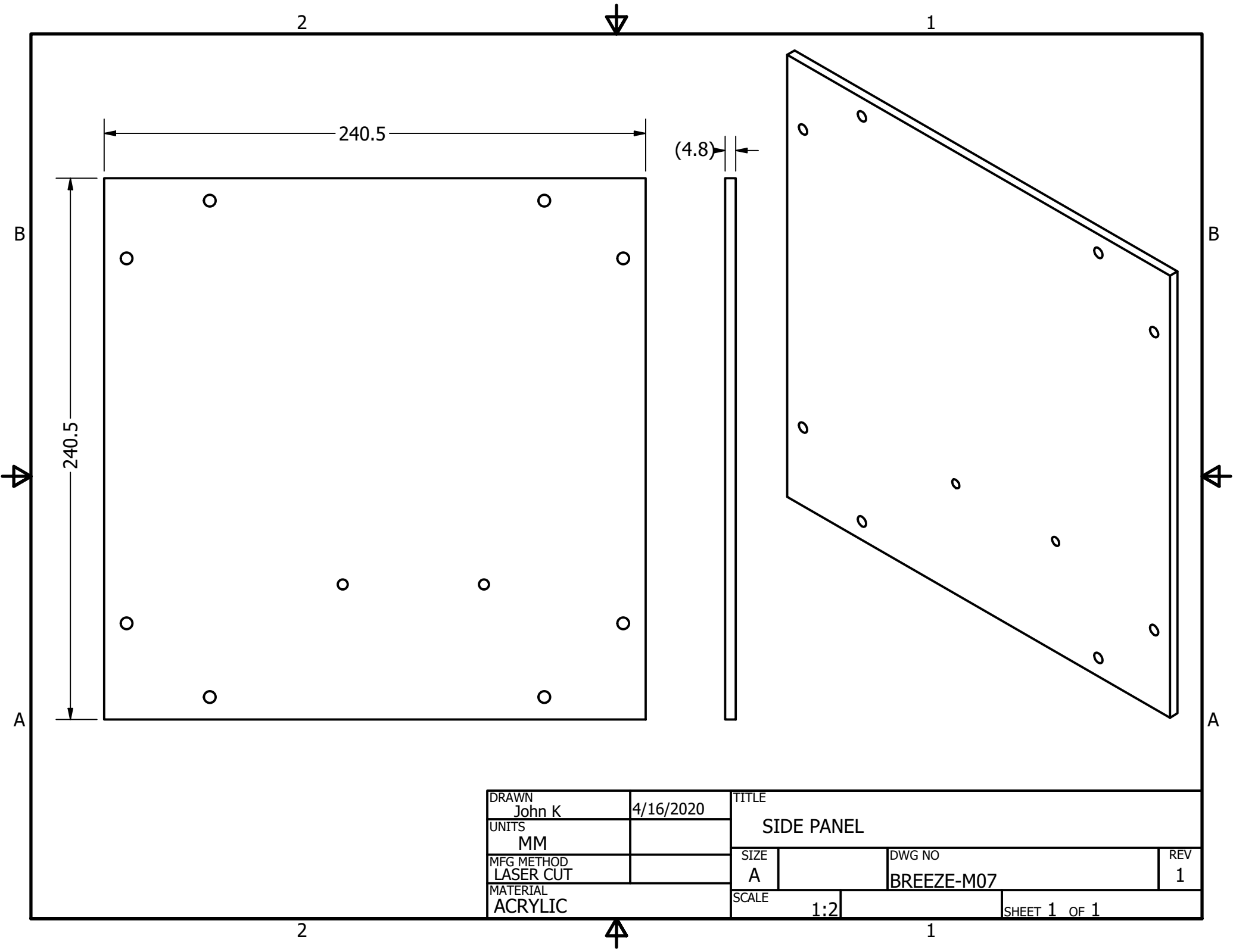
FOLDED MODEL

DRAWN John K		4/16/2020		TITLE BATTERY BRACKET	
UNITS MM				SIZE A	
MFG METHOD LASER CUT, BENT				DWG NO BREEZE-M04	
MATERIAL ALUMINUM SHEET		SCALE 1:1		REV 1	

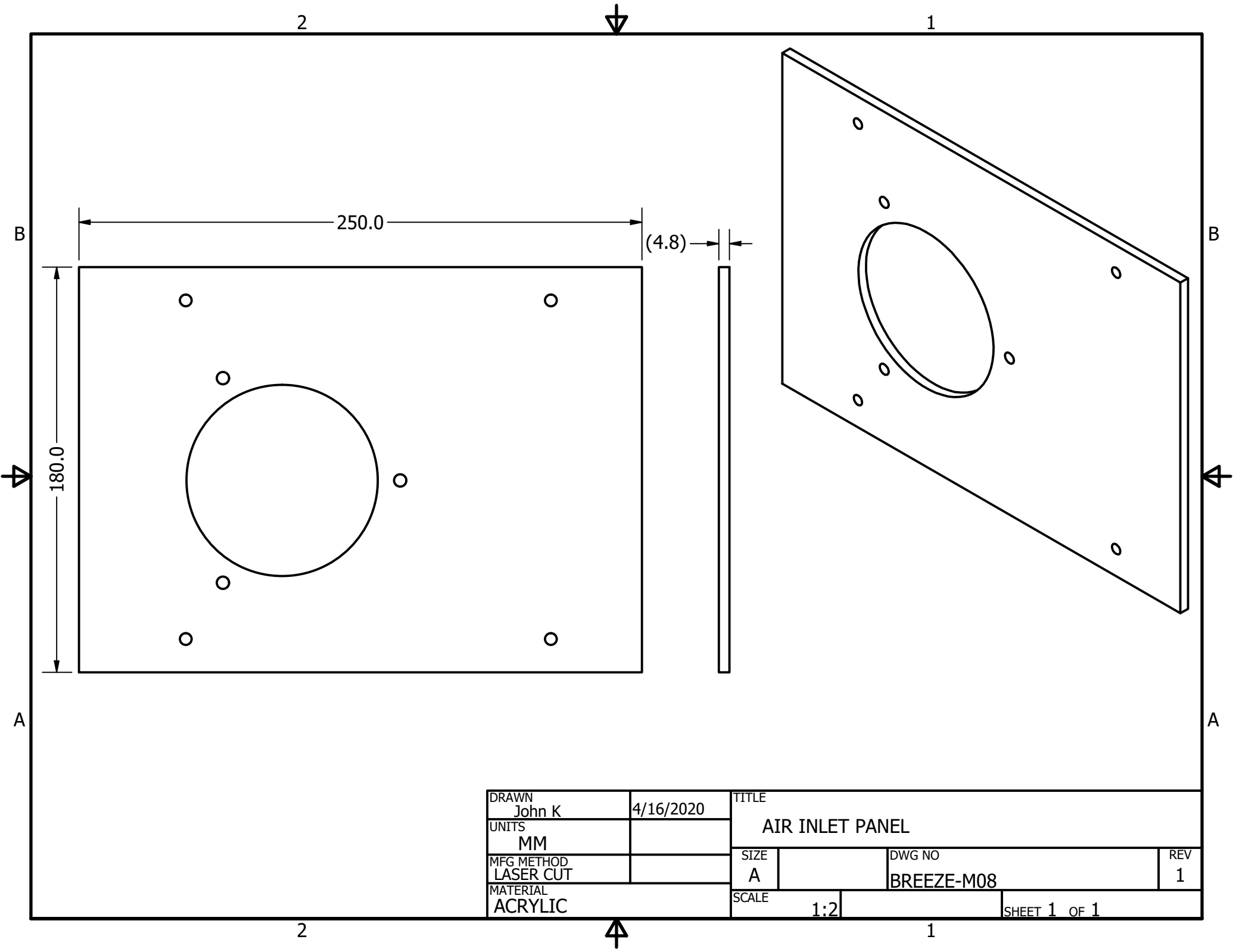


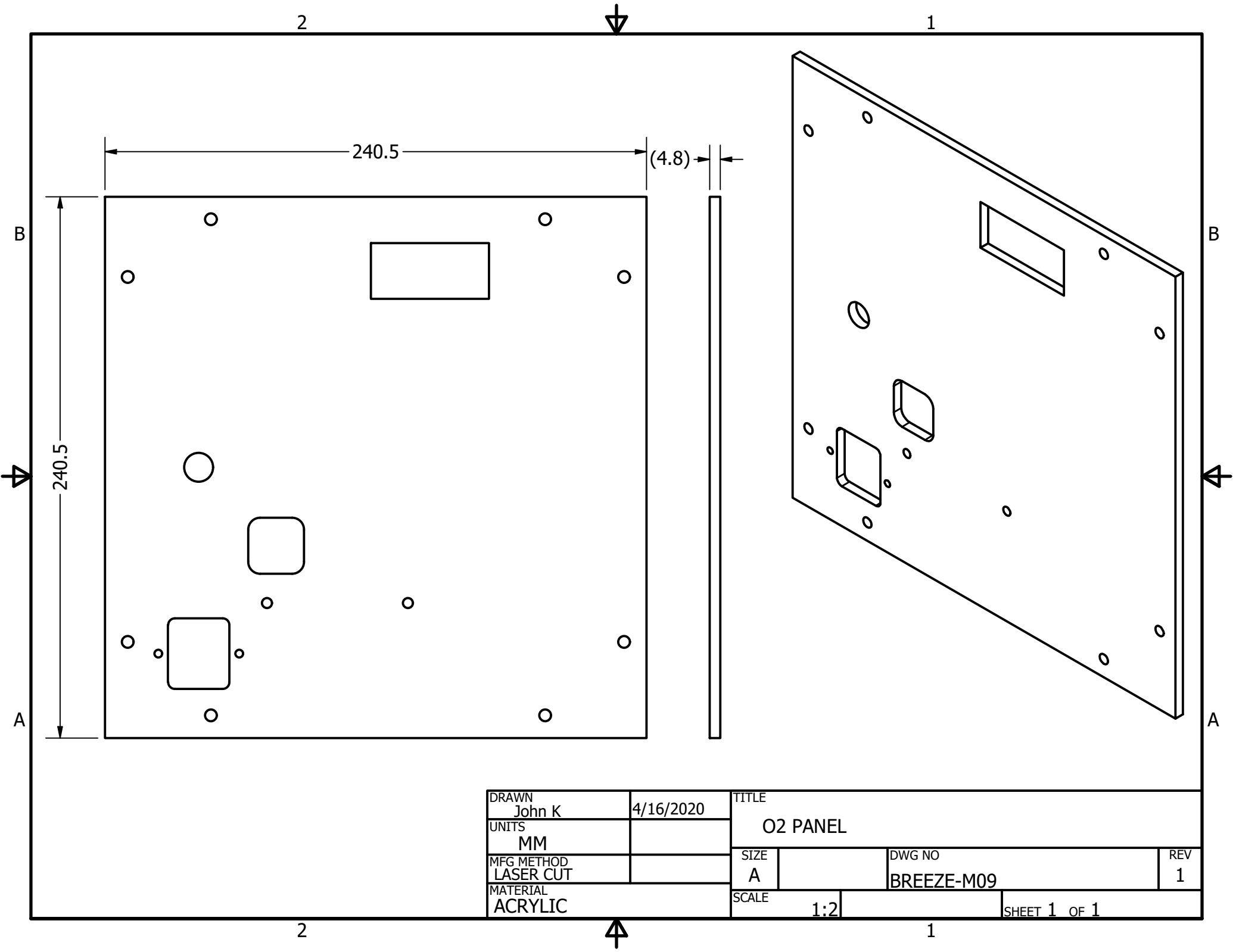


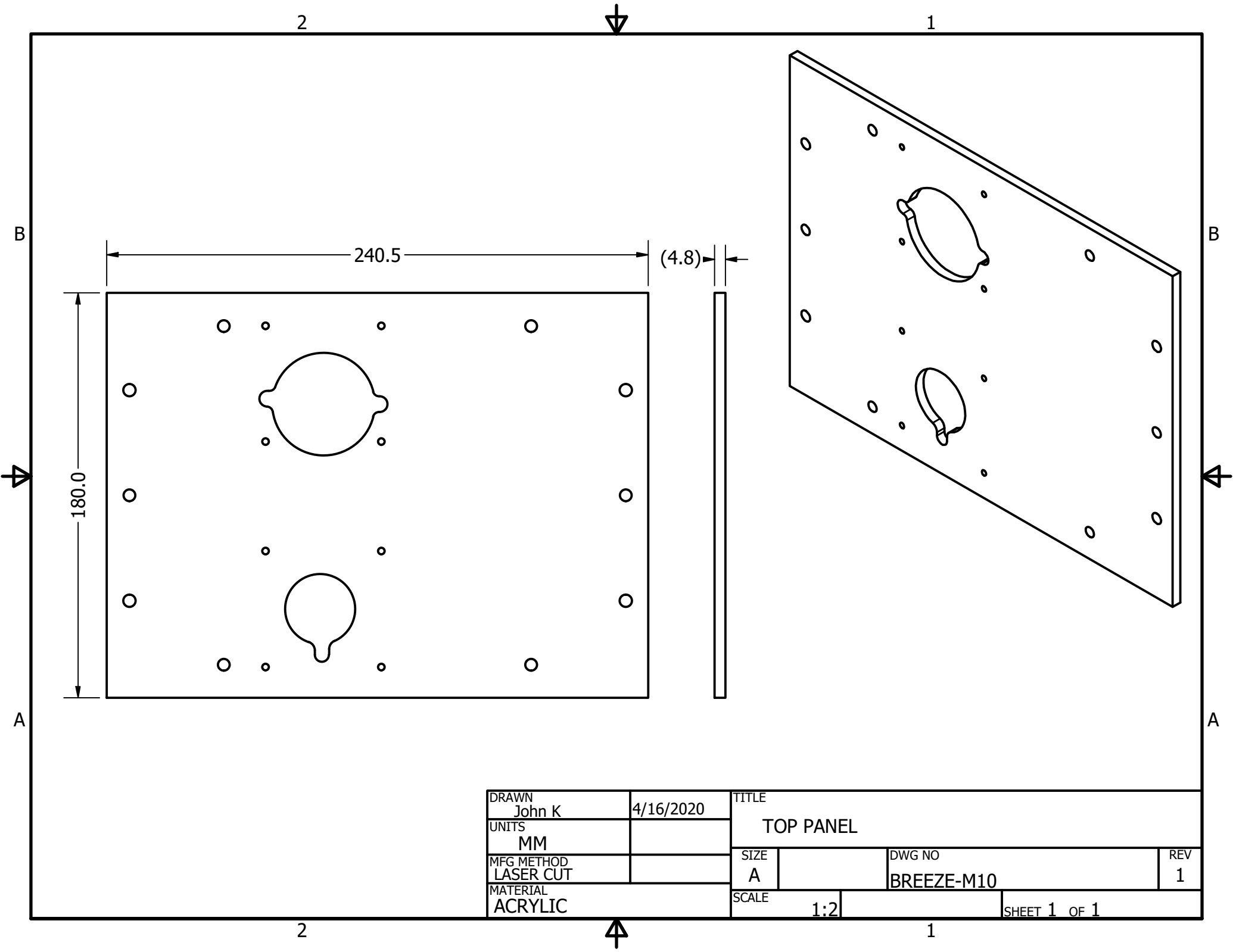
DRAWN John K	4/16/2020	TITLE SCREEN PANEL		
UNITS MM		SIZE A	DWG NO BREEZE-M06	REV 1
MFG METHOD LASER CUT		SCALE 1:2	SHEET 1 OF 1	
MATERIAL ACRYLIC				

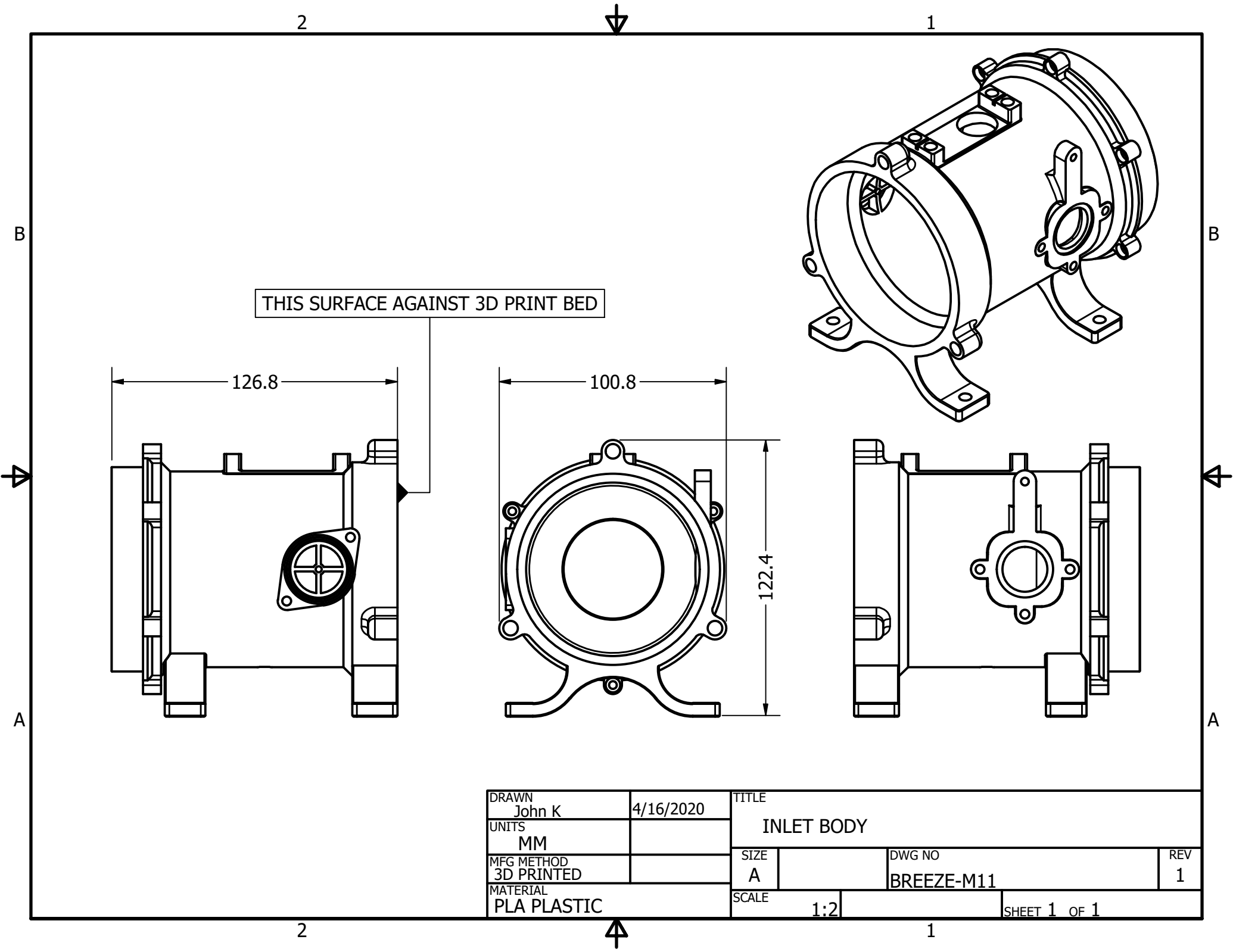


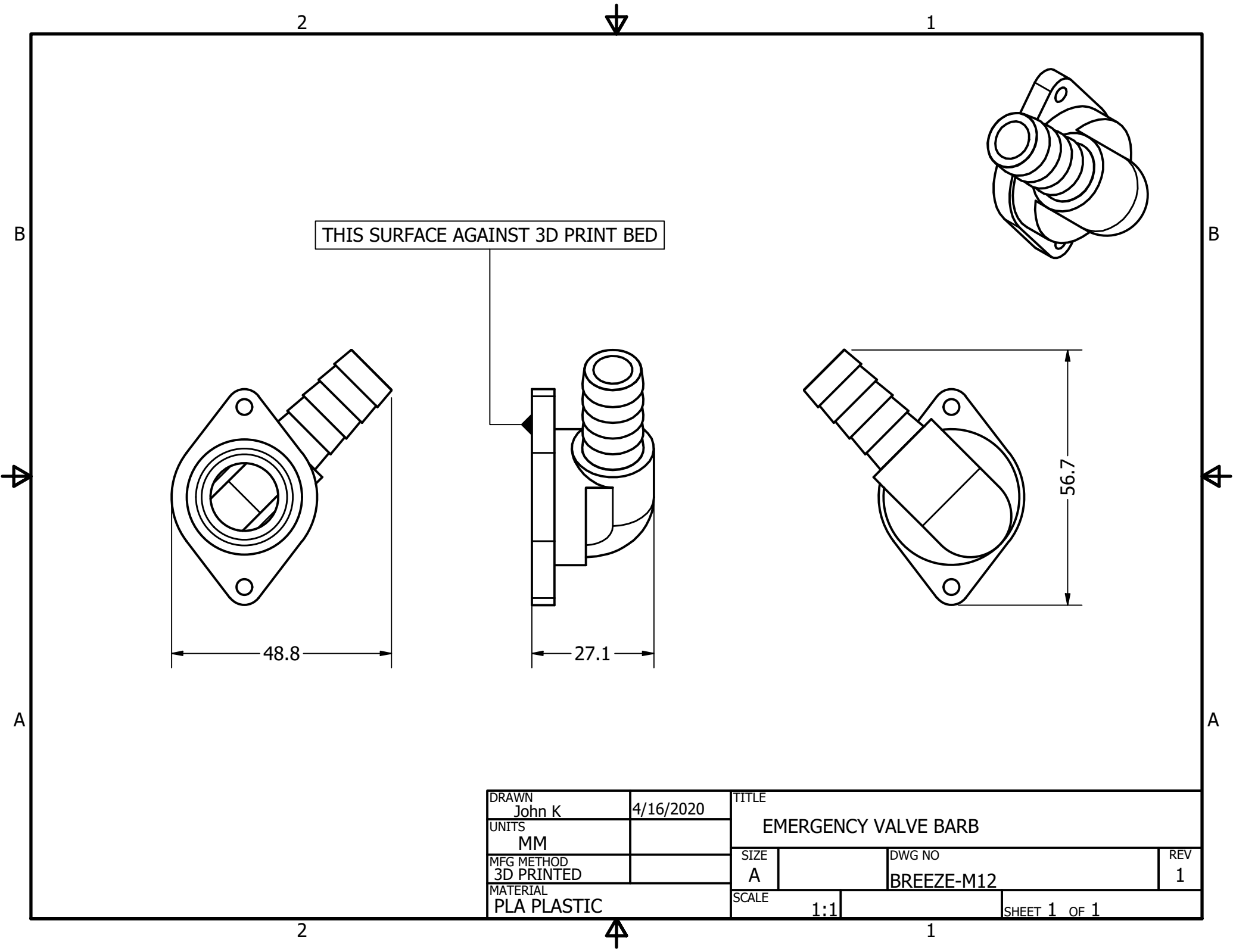
DRAWN John K	4/16/2020	TITLE SIDE PANEL		
UNITS MM		SIZE A	DWG NO BREEZE-M07	REV 1
MFG METHOD LASER CUT		SCALE 1:2	SHEET 1 OF 1	
MATERIAL ACRYLIC				



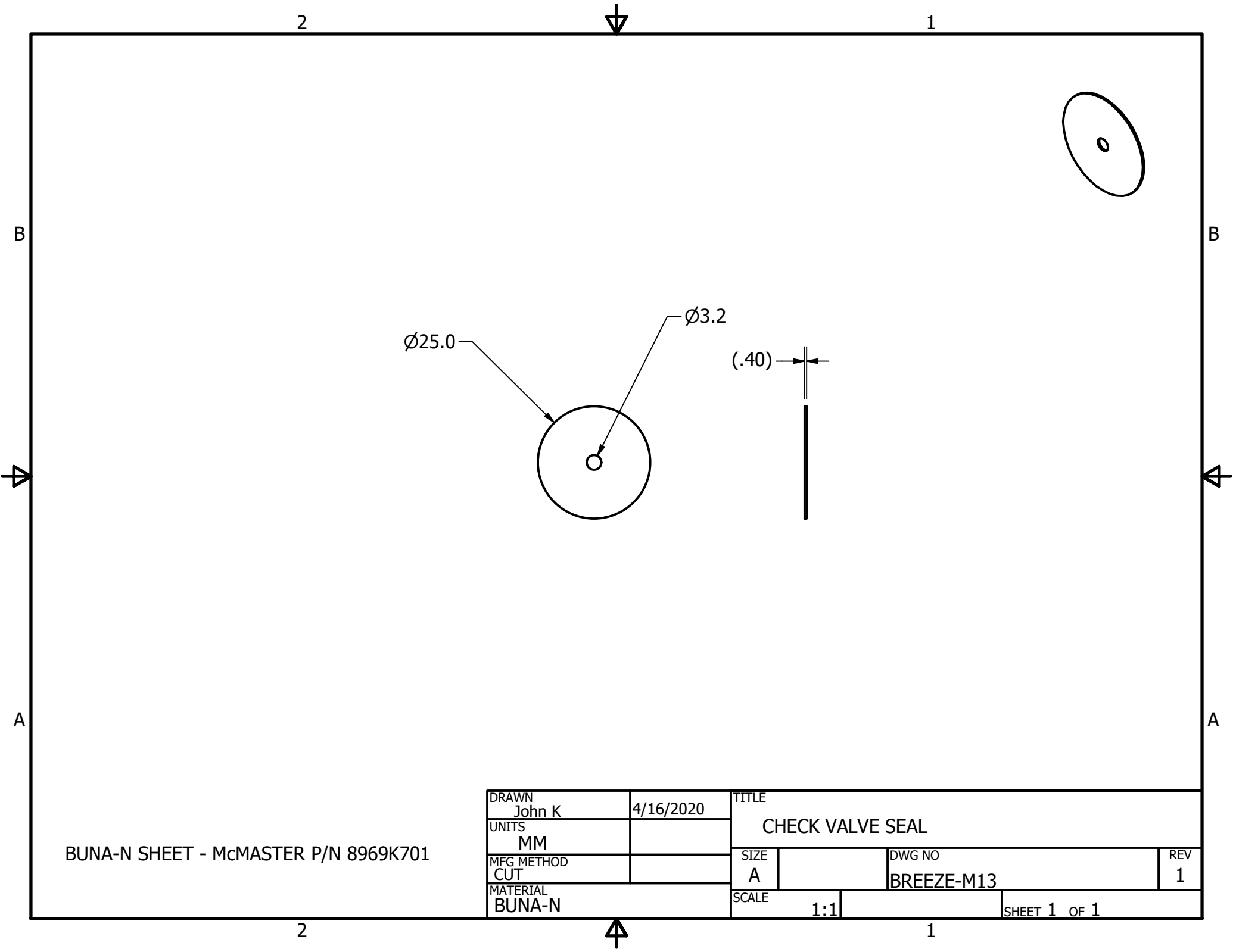






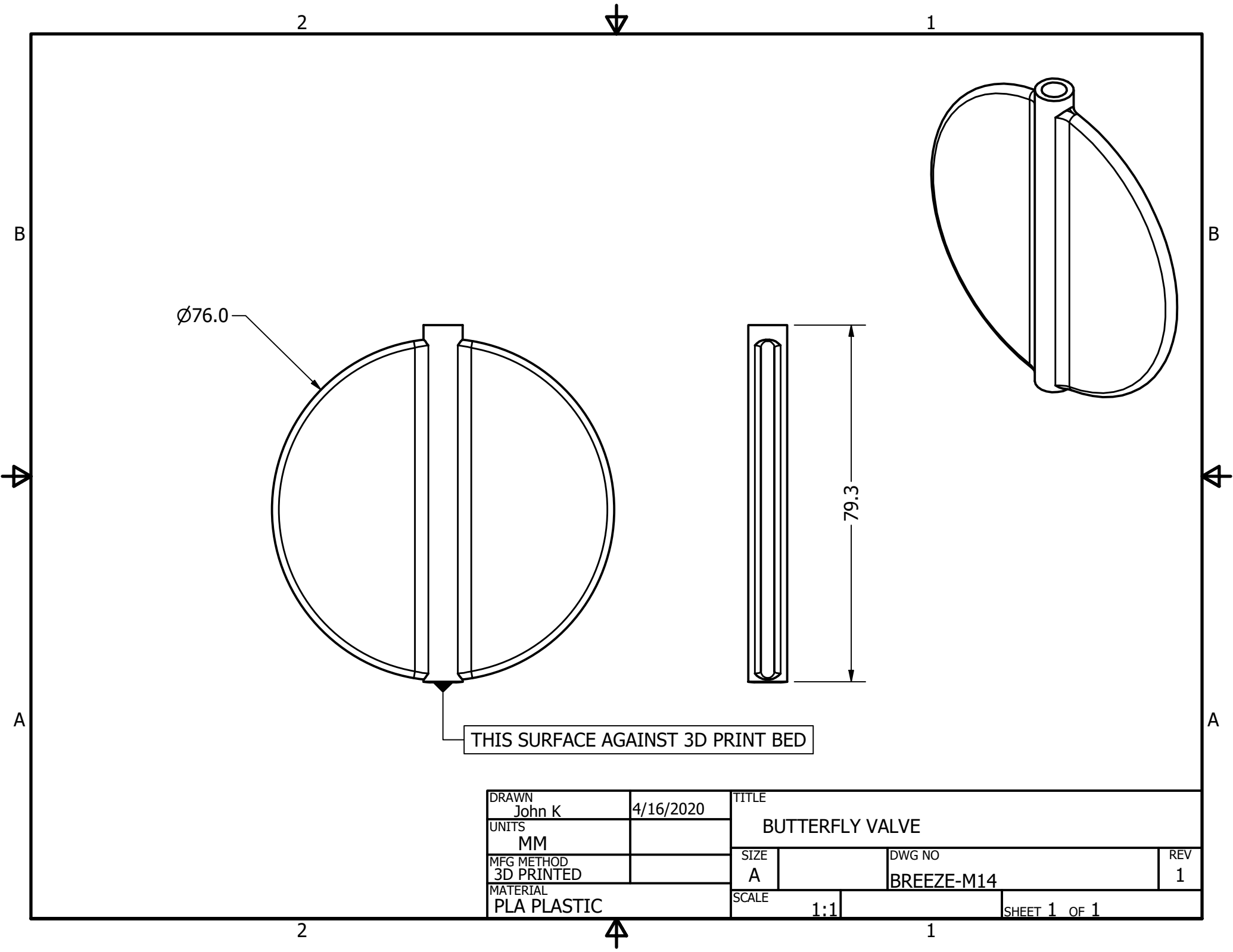


DRAWN John K	4/16/2020	TITLE EMERGENCY VALVE BARB		
UNITS MM				
MFG METHOD 3D PRINTED		SIZE A	DWG NO BREEZE-M12	REV 1
MATERIAL PLA PLASTIC		SCALE 1:1	SHEET 1 OF 1	

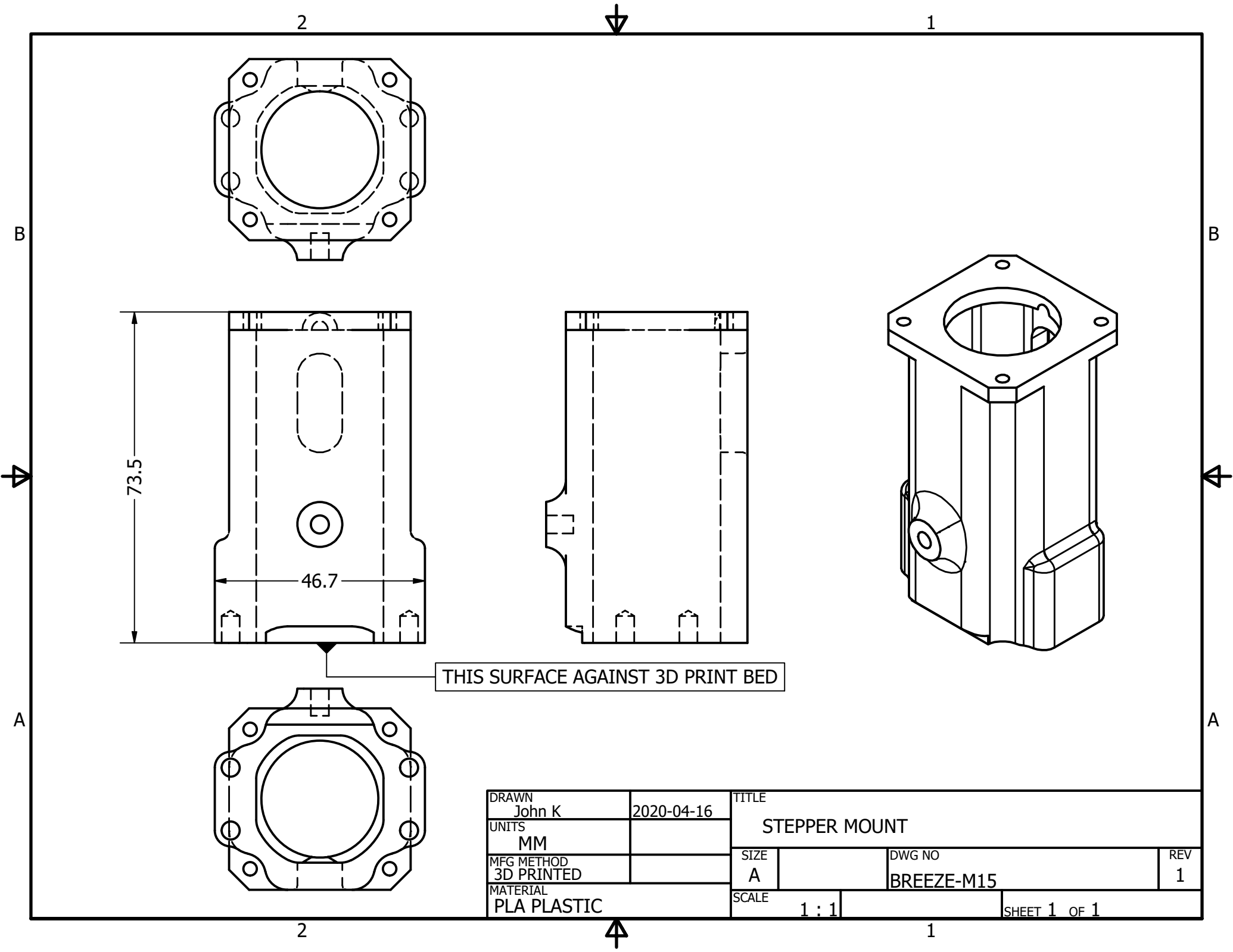


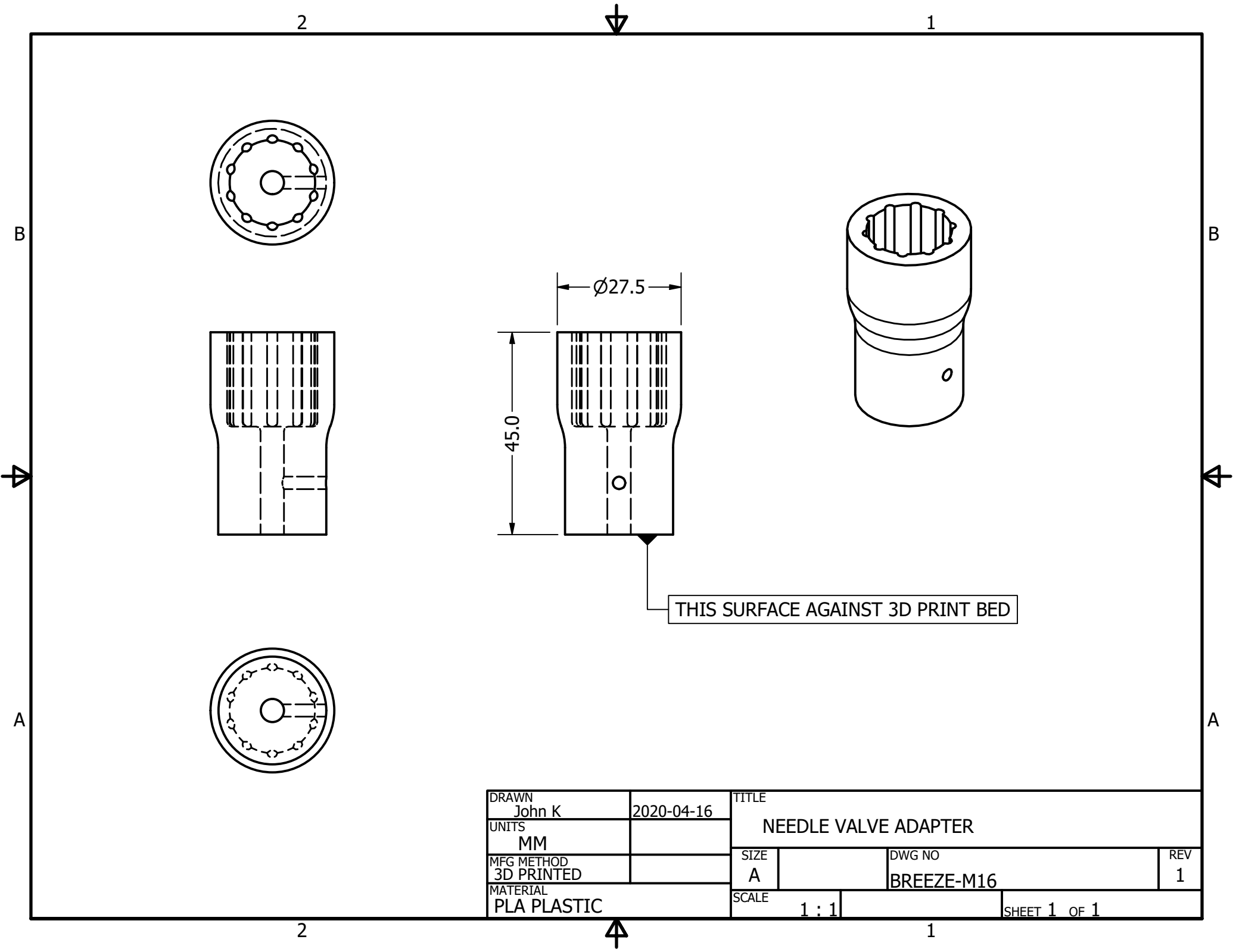
BUNA-N SHEET - McMASTER P/N 8969K701

DRAWN John K	4/16/2020	TITLE CHECK VALVE SEAL		
UNITS MM		SIZE A	DWG NO BREEZE-M13	REV 1
MFG METHOD CUT		SCALE 1:1	SHEET 1 OF 1	
MATERIAL BUNA-N				

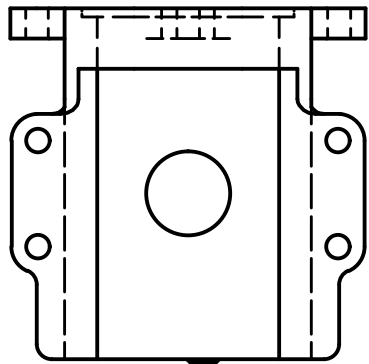


DRAWN John K	4/16/2020	TITLE BUTTERFLY VALVE		
UNITS MM				
MFG METHOD 3D PRINTED		SIZE A	DWG NO BREEZE-M14	REV 1
MATERIAL PLA PLASTIC		SCALE 1:1	SHEET 1 OF 1	

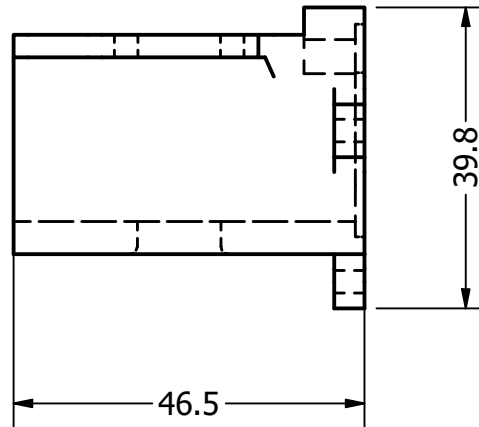
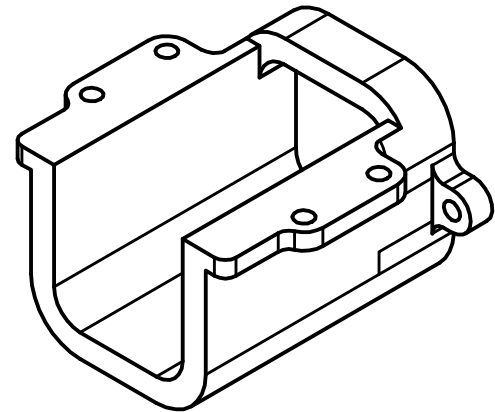
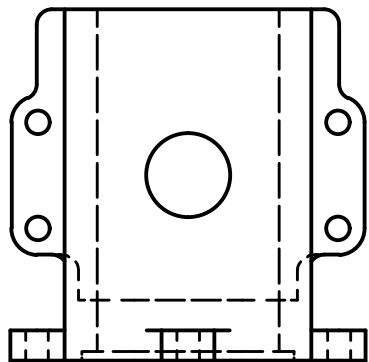
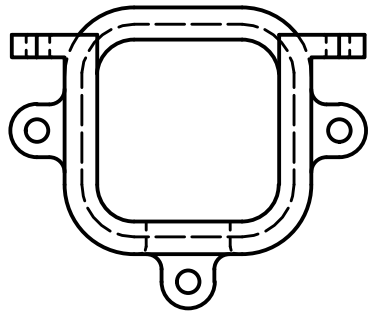




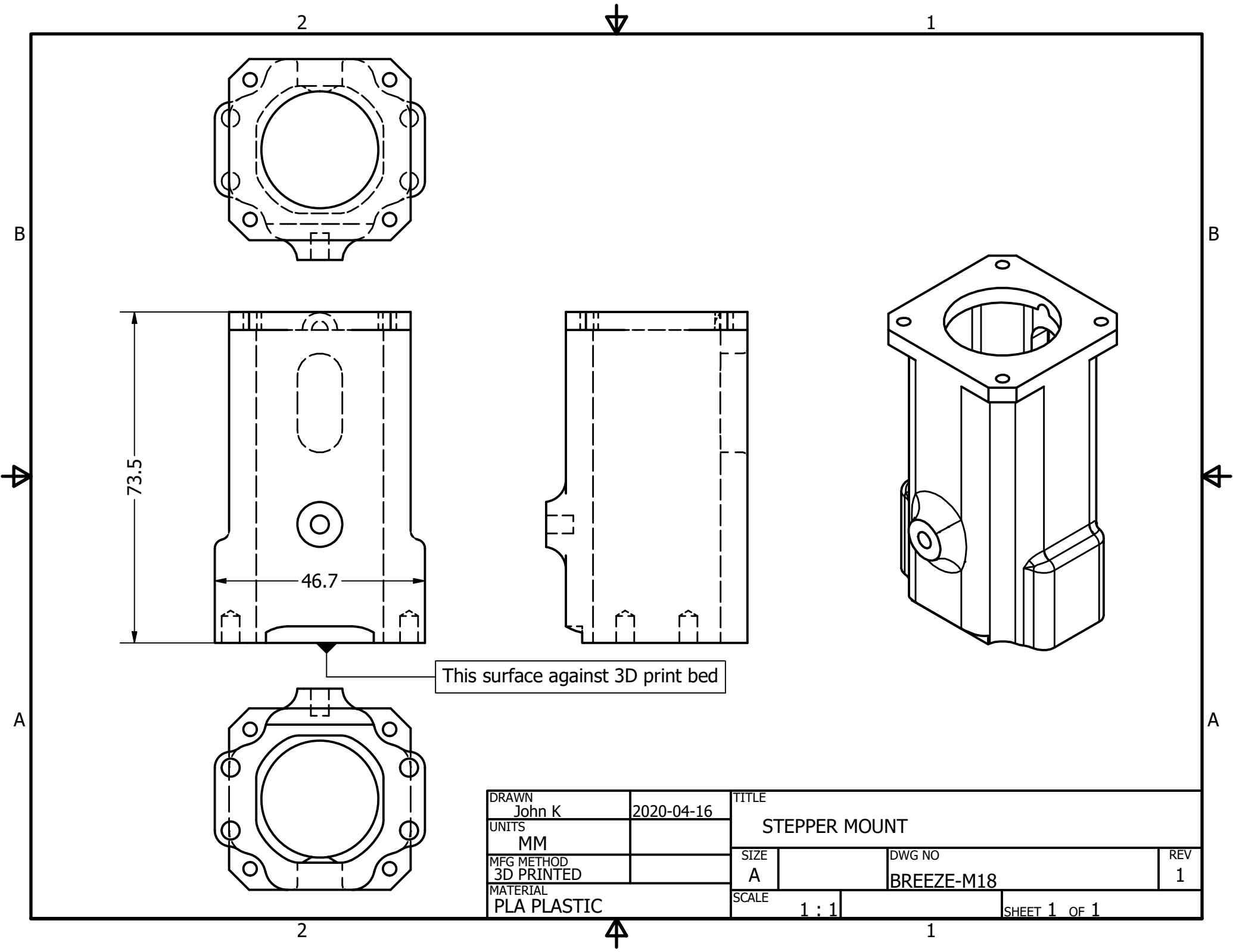
DRAWN John K	2020-04-16	TITLE NEEDLE VALVE ADAPTER		
UNITS MM		SIZE A	DWG NO BREEZE-M16	REV 1
MFG METHOD 3D PRINTED		SCALE 1 : 1	SHEET 1 OF 1	
MATERIAL PLA PLASTIC				

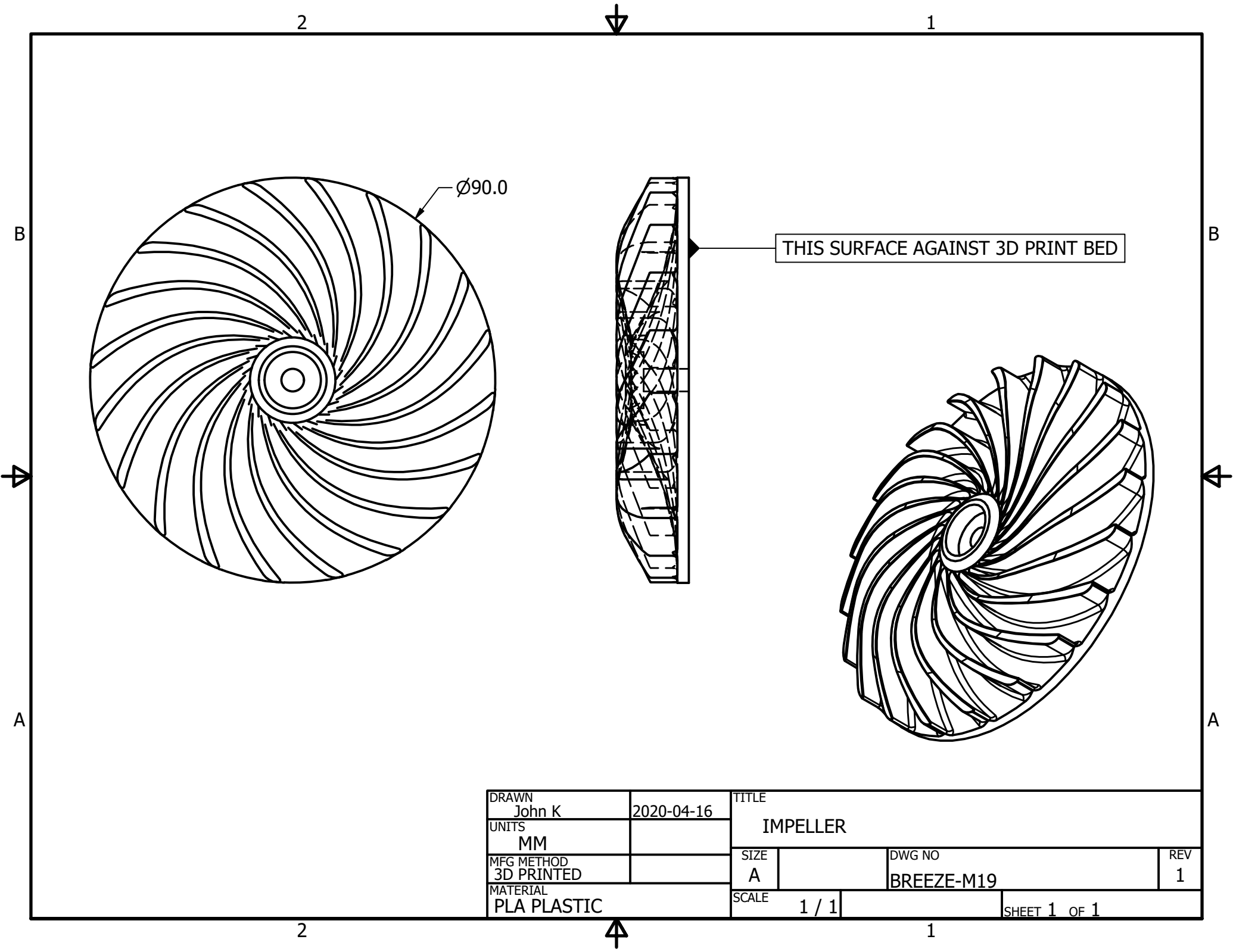


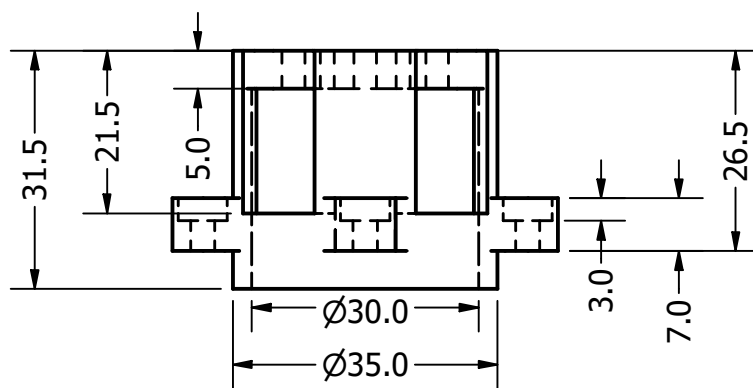
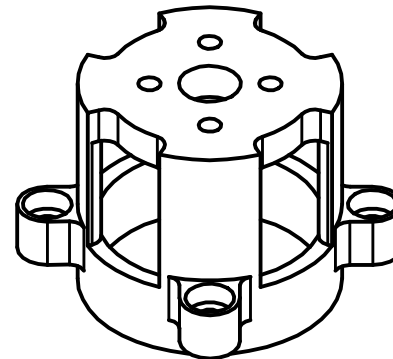
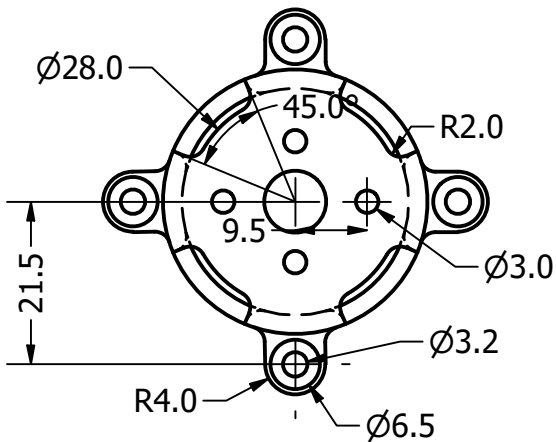
THIS SURFACE AGAINST 3D PRINT BED



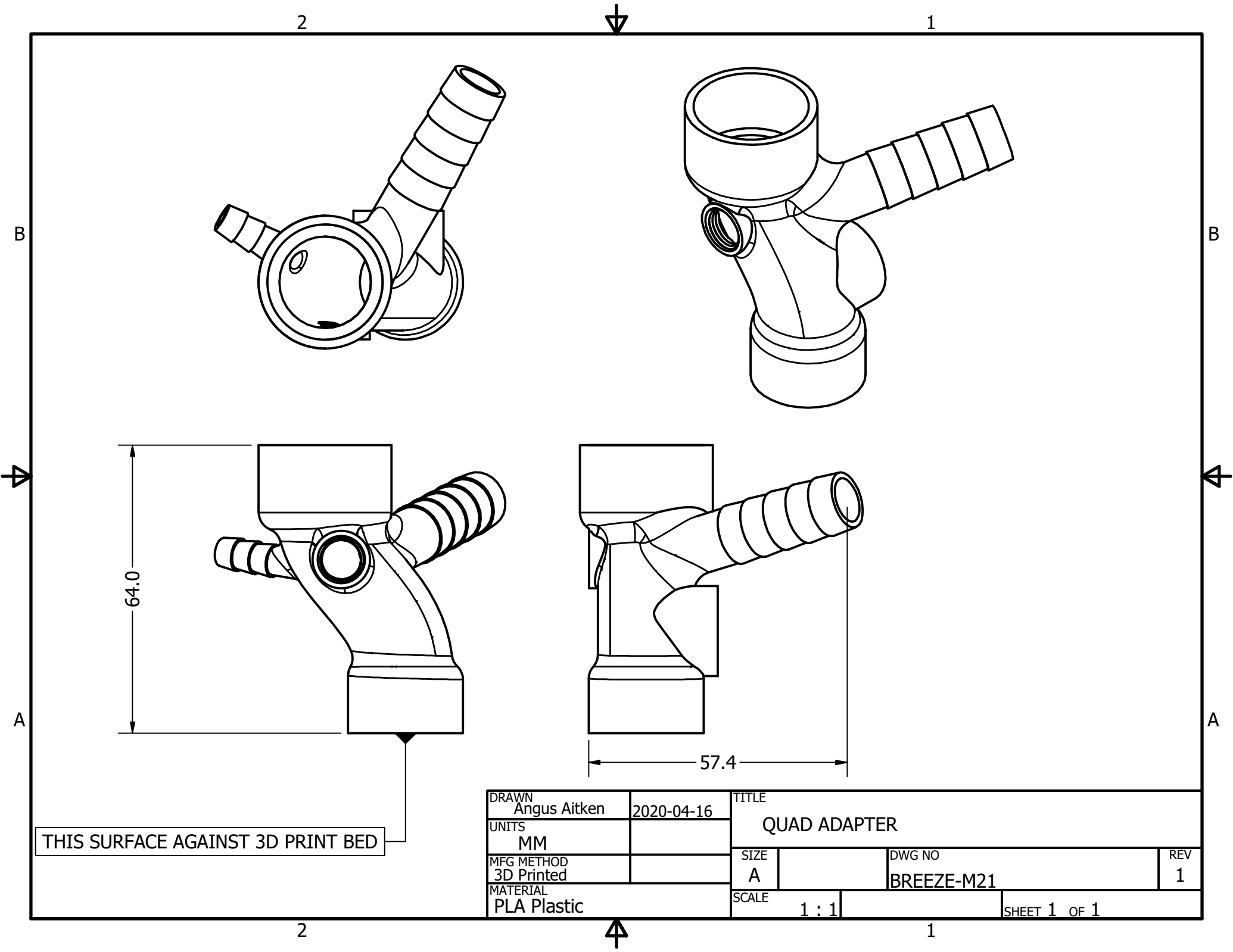
DRAWN John K	2020-04-16	TITLE NEEDLE VALVE MOUNT		
UNITS MM		SIZE A	DWG NO BREEZE-M17	REV 1
MFG METHOD 3D PRINTED		SCALE 1 : 1	SHEET 1 OF 1	
MATERIAL PLA PLASTIC				





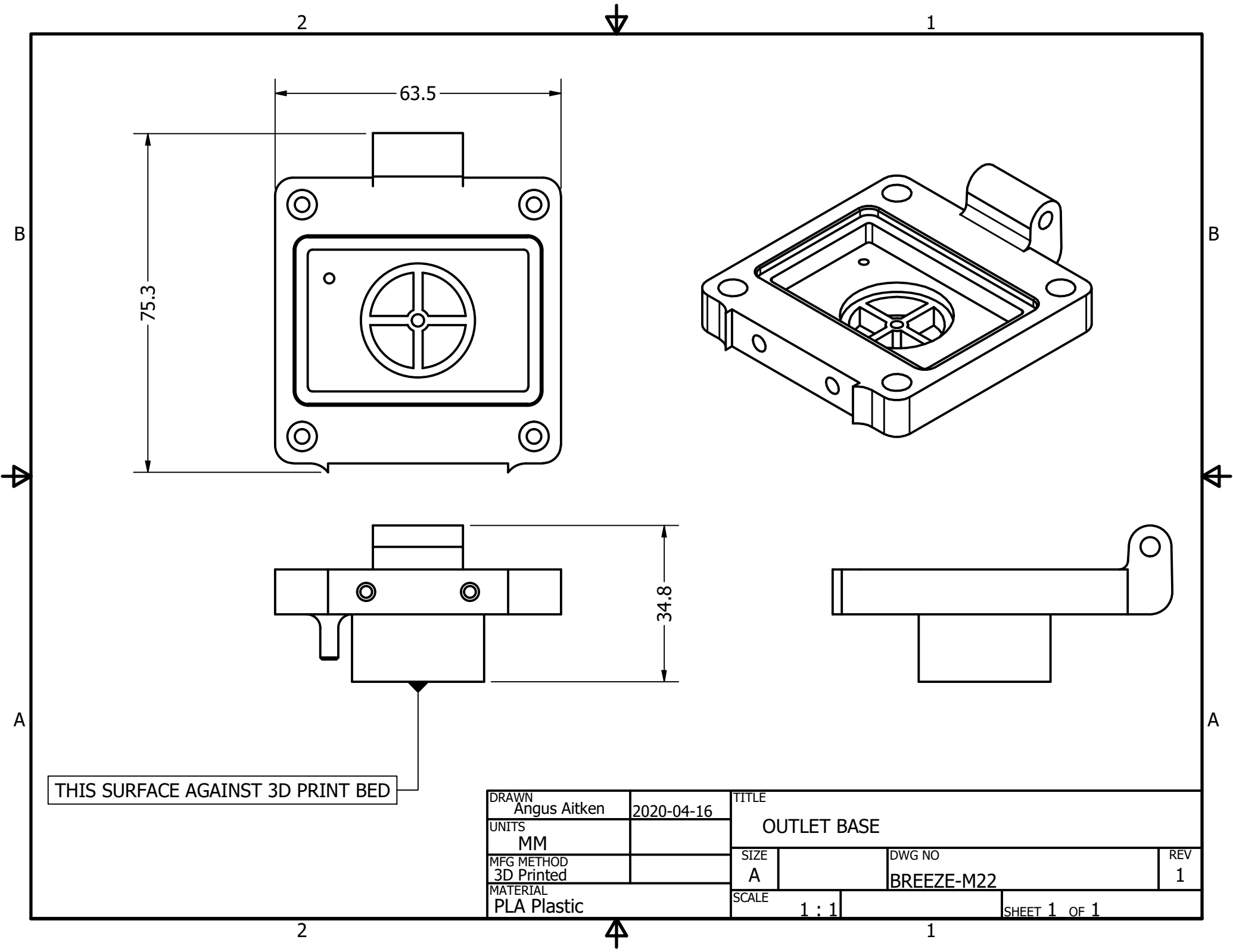


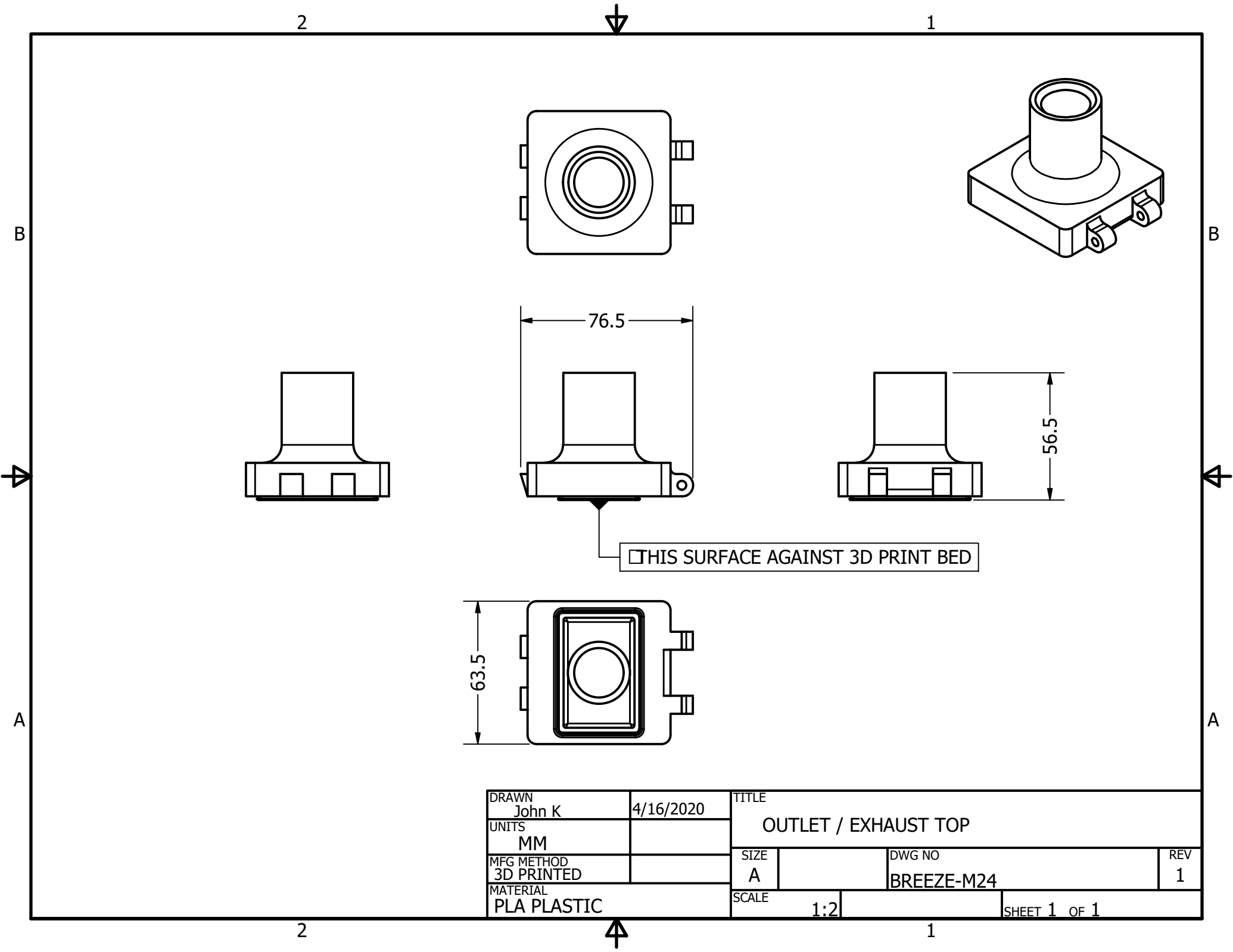
DRAWN John K	2020-04-16	TITLE MOTOR MOUNT		
UNITS MM		SIZE A	DWG NO BREEZE-M20	REV 1
MFG METHOD MACHINED		SCALE 1 : 1	SHEET 1 OF 1	
MATERIAL 6061 T6				



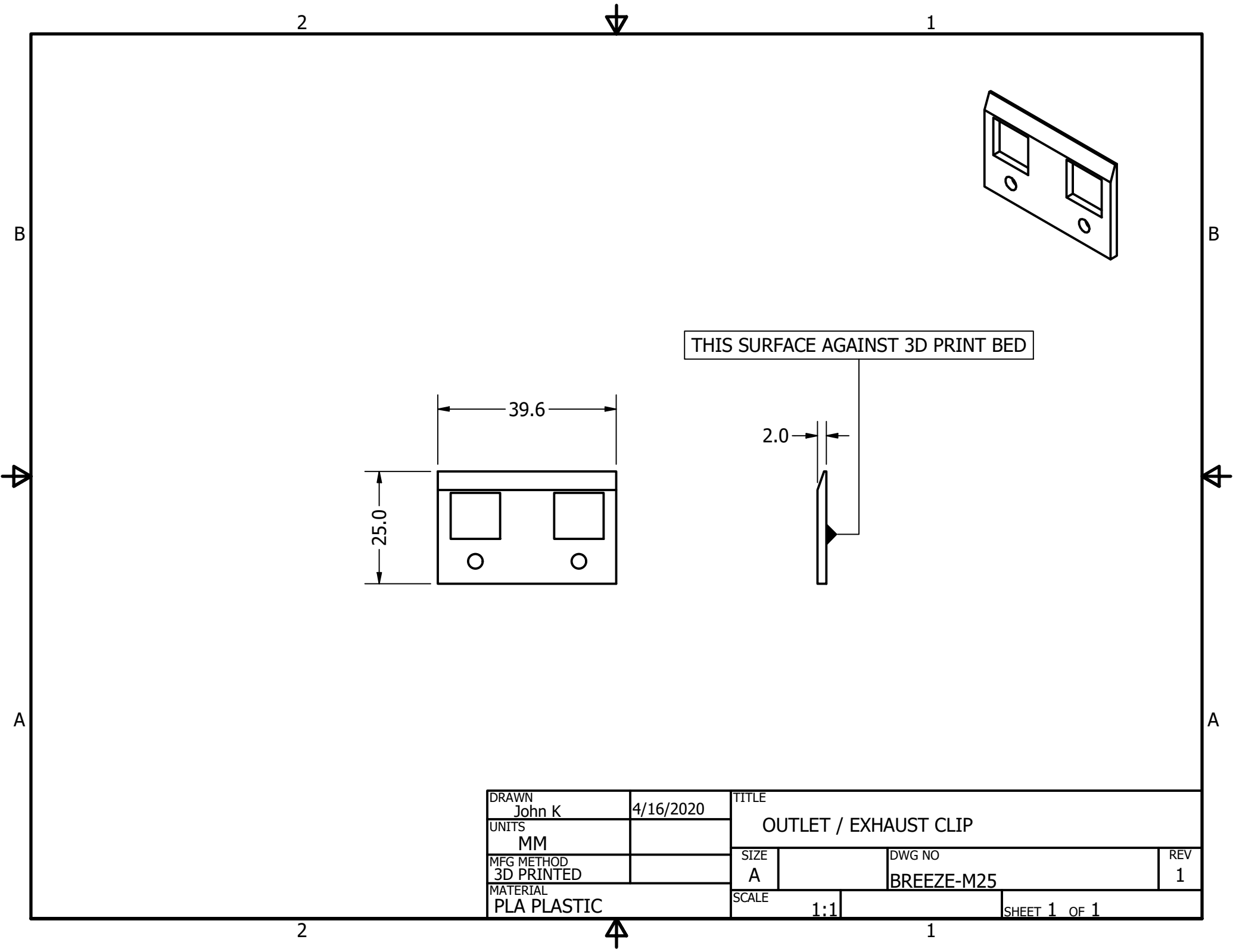
THIS SURFACE AGAINST 3D PRINT BED

DRAWN Angus Aitken		2020-04-16		TITLE QUAD ADAPTER			
UNITS MM							
MFG METHOD 3D Printed				SIZE A		DWG NO BREEZE-M21	REV 1
MATERIAL PLA Plastic				SCALE 1 : 1		SHEET 1 OF 1	

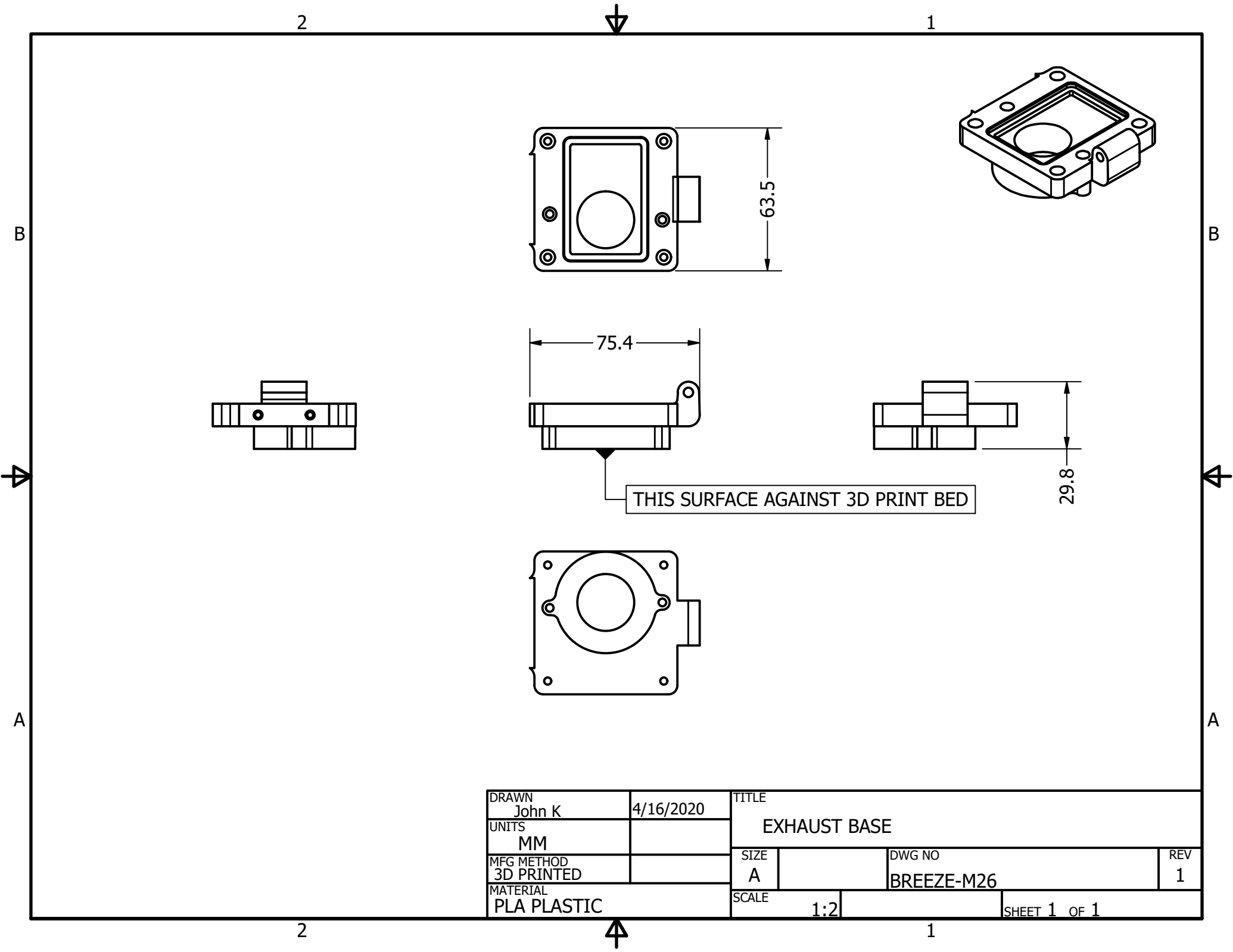




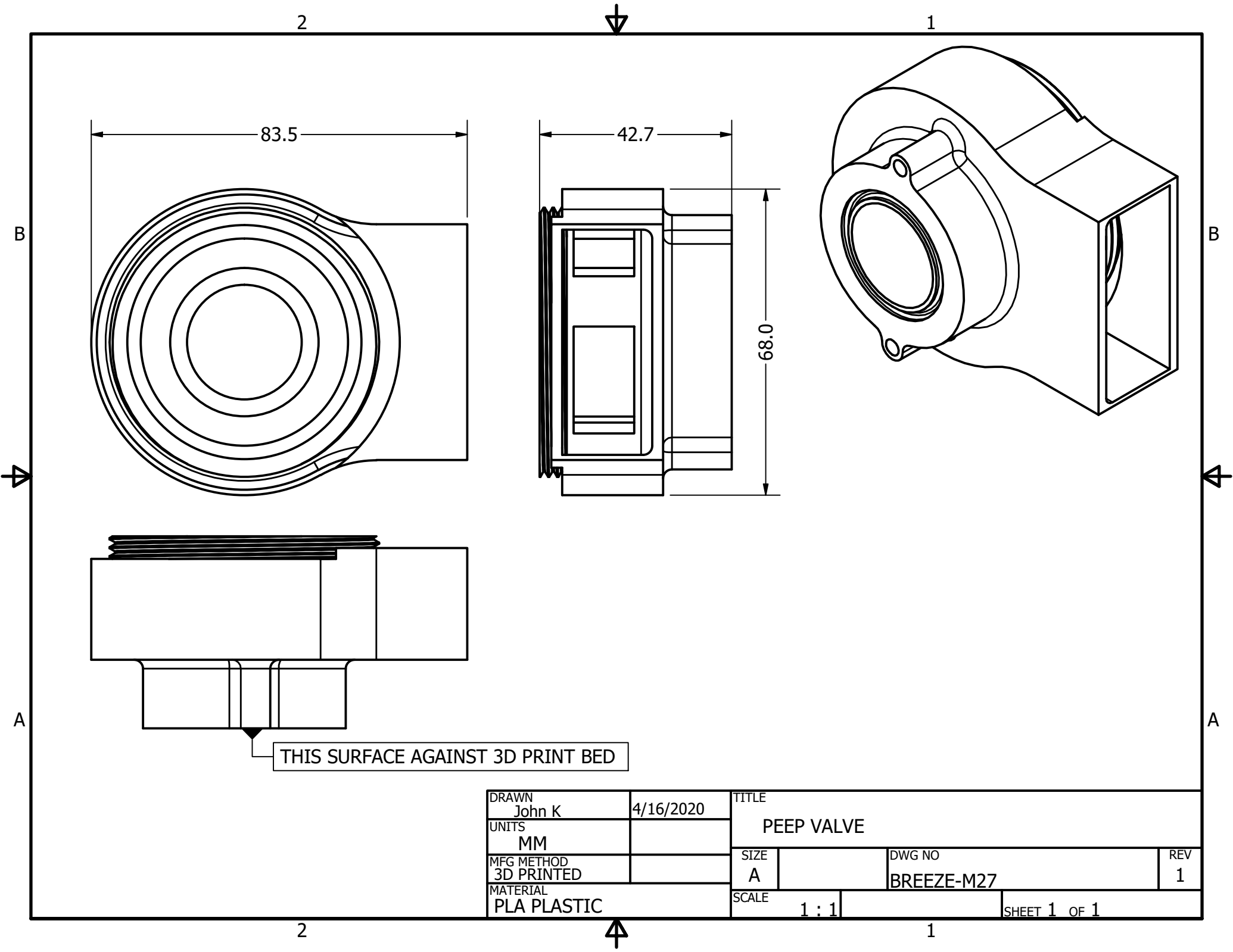
DRAWN John K		4/16/2020		TITLE OUTLET / EXHAUST TOP			
UNITS MM							
MFG METHOD 3D PRINTED				SIZE A		DWG NO BREEZE-M24	REV 1
MATERIAL PLA PLASTIC				SCALE 1:2		SHEET 1 OF 1	



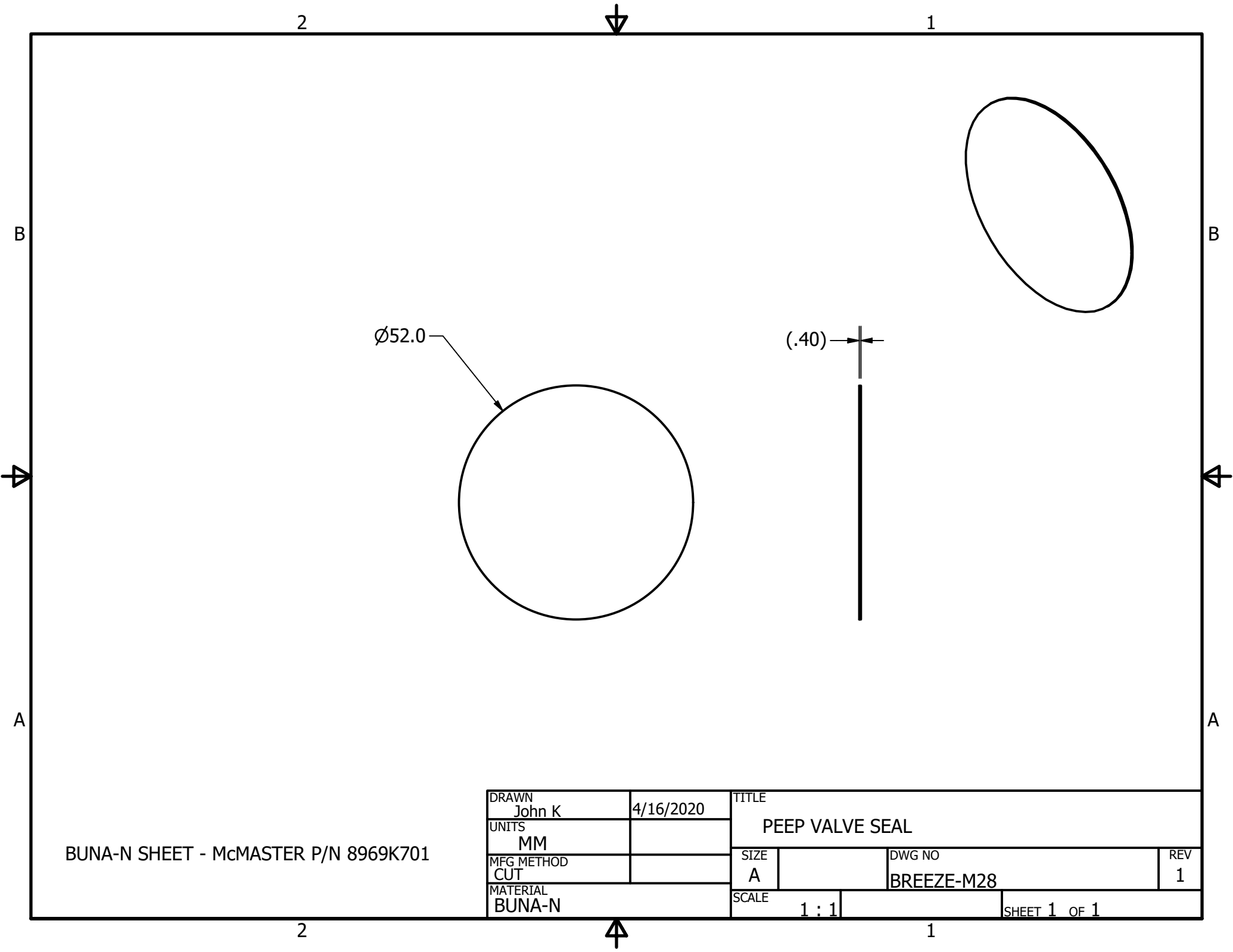
DRAWN John K	4/16/2020	TITLE OUTLET / EXHAUST CLIP		
UNITS MM				
MFG METHOD 3D PRINTED		SIZE A	DWG NO BREEZE-M25	REV 1
MATERIAL PLA PLASTIC		SCALE 1:1	SHEET 1 OF 1	



DRAWN John K	4/16/2020	TITLE EXHAUST BASE		
UNITS MM		SIZE A	DWG NO BREEZE-M26	REV 1
MFG METHOD 3D PRINTED		SCALE 1:2	SHEET 1 OF 1	
MATERIAL PLA PLASTIC				

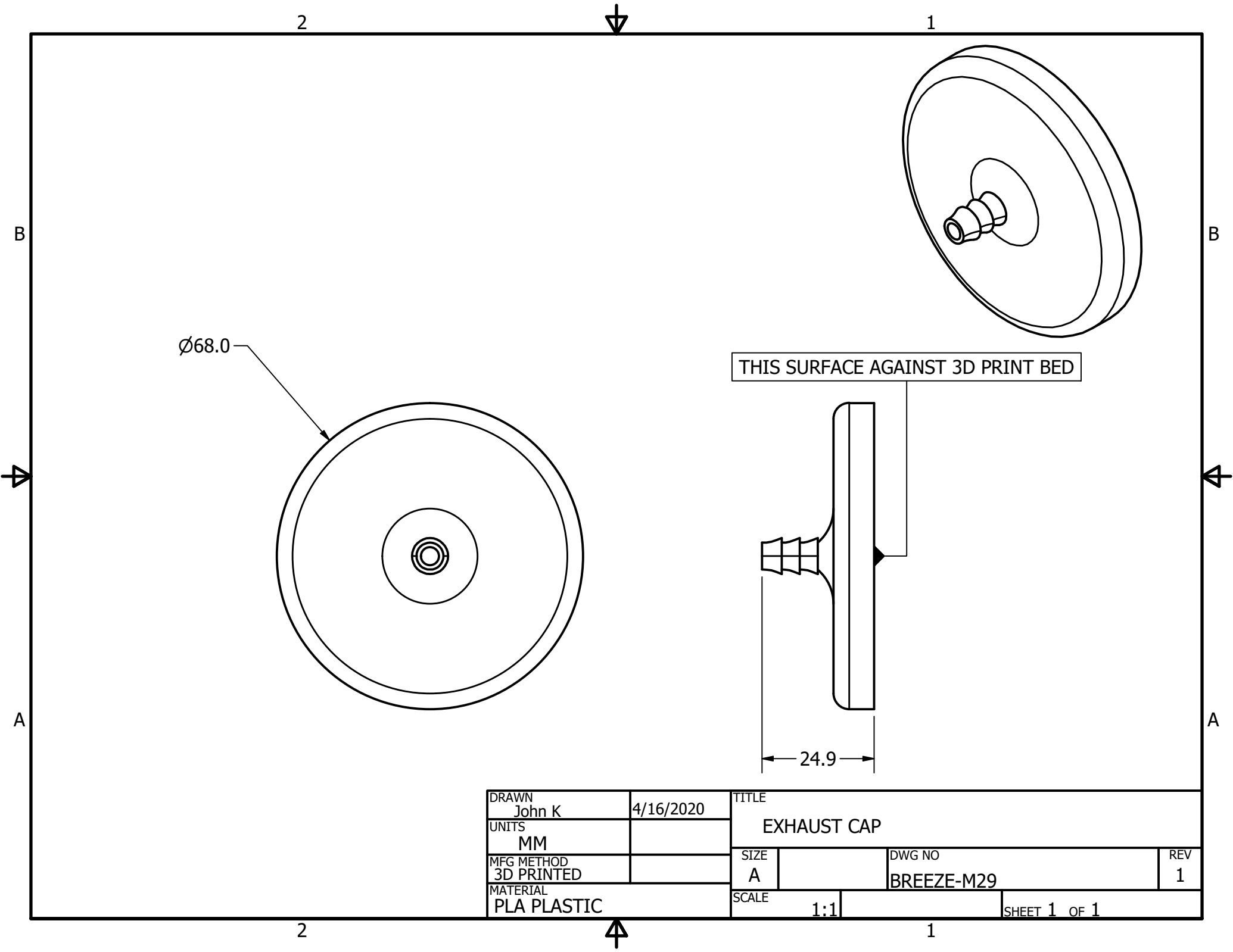


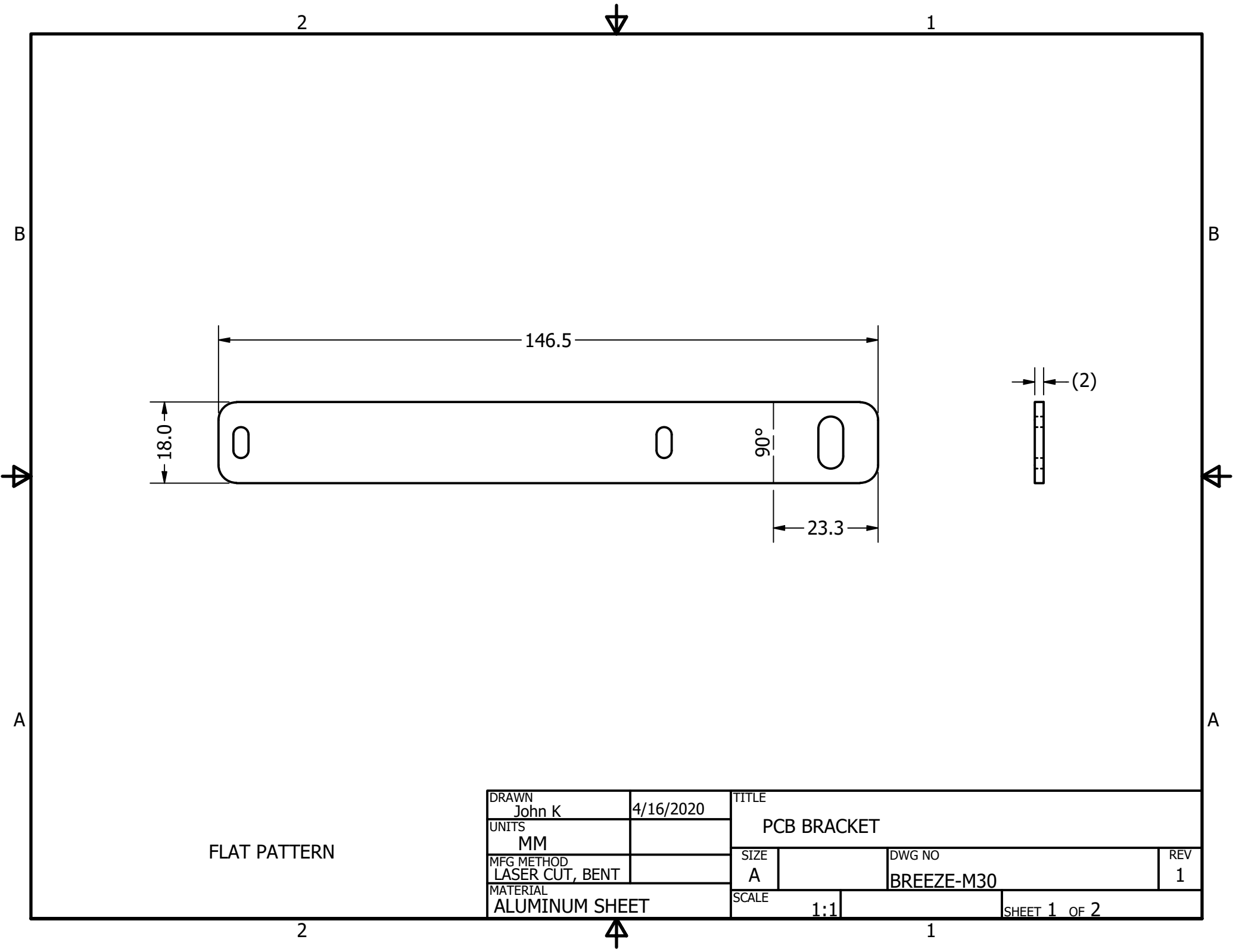
DRAWN John K	4/16/2020	TITLE PEEP VALVE		
UNITS MM		SIZE A	DWG NO BREEZE-M27	REV 1
MFG METHOD 3D PRINTED		SCALE 1 : 1	SHEET 1 OF 1	
MATERIAL PLA PLASTIC				



BUNA-N SHEET - McMASTER P/N 8969K701

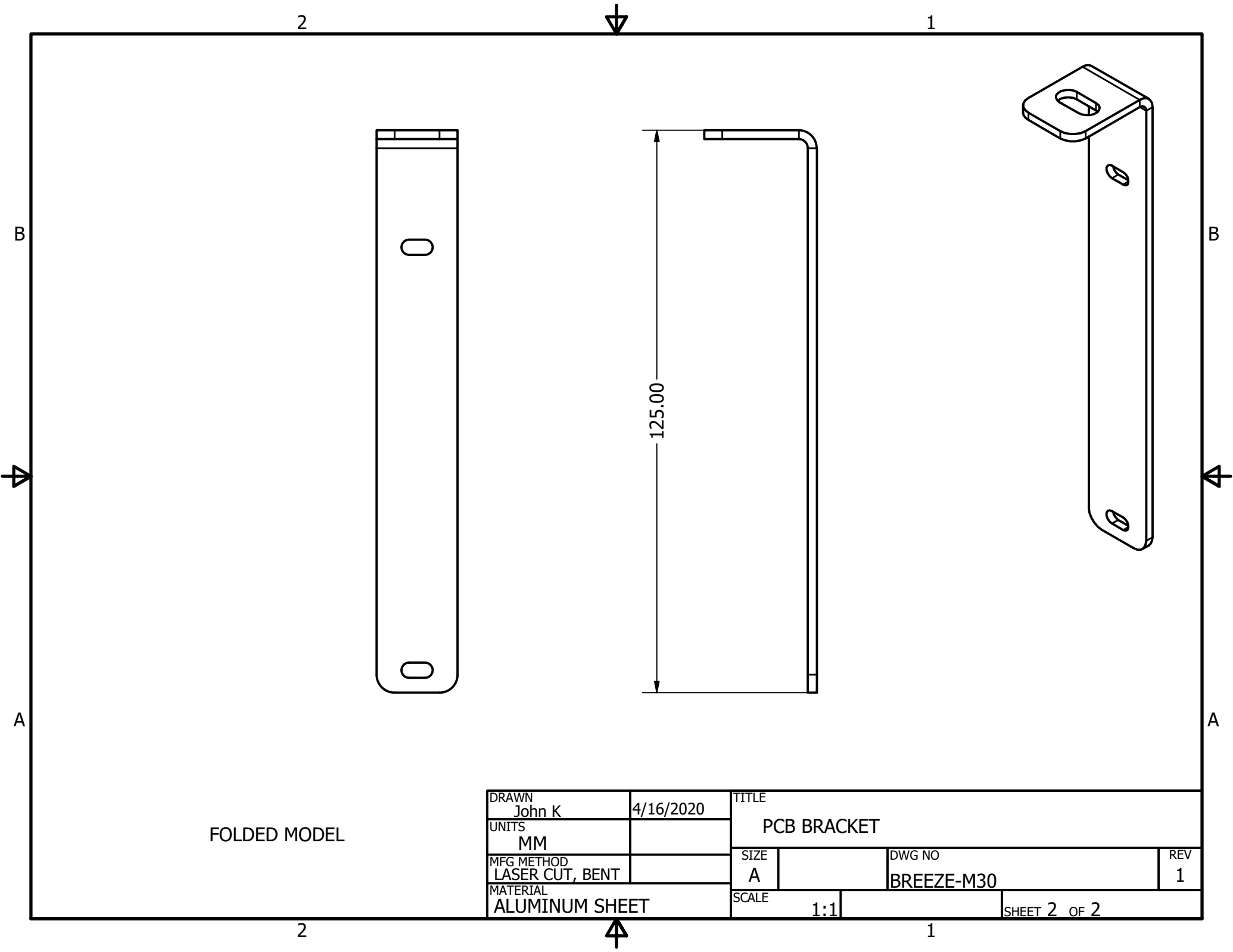
DRAWN John K	4/16/2020	TITLE PEEP VALVE SEAL		
UNITS MM		SIZE A	DWG NO BREEZE-M28	REV 1
MFG METHOD CUT		SCALE 1 : 1	SHEET 1 OF 1	
MATERIAL BUNA-N				





FLAT PATTERN

DRAWN John K	4/16/2020	TITLE PCB BRACKET		
UNITS MM		SIZE A	DWG NO BREEZE-M30	REV 1
MFG METHOD LASER CUT, BENT		SCALE 1:1	SHEET 1 OF 2	
MATERIAL ALUMINUM SHEET				



FOLDED MODEL

DRAWN John K	4/16/2020	TITLE PCB BRACKET		
UNITS MM				
MFG METHOD LASER CUT, BENT		SIZE A	DWG NO BREEZE-M30	REV 1
MATERIAL ALUMINUM SHEET		SCALE 1:1	SHEET 2 OF 2	