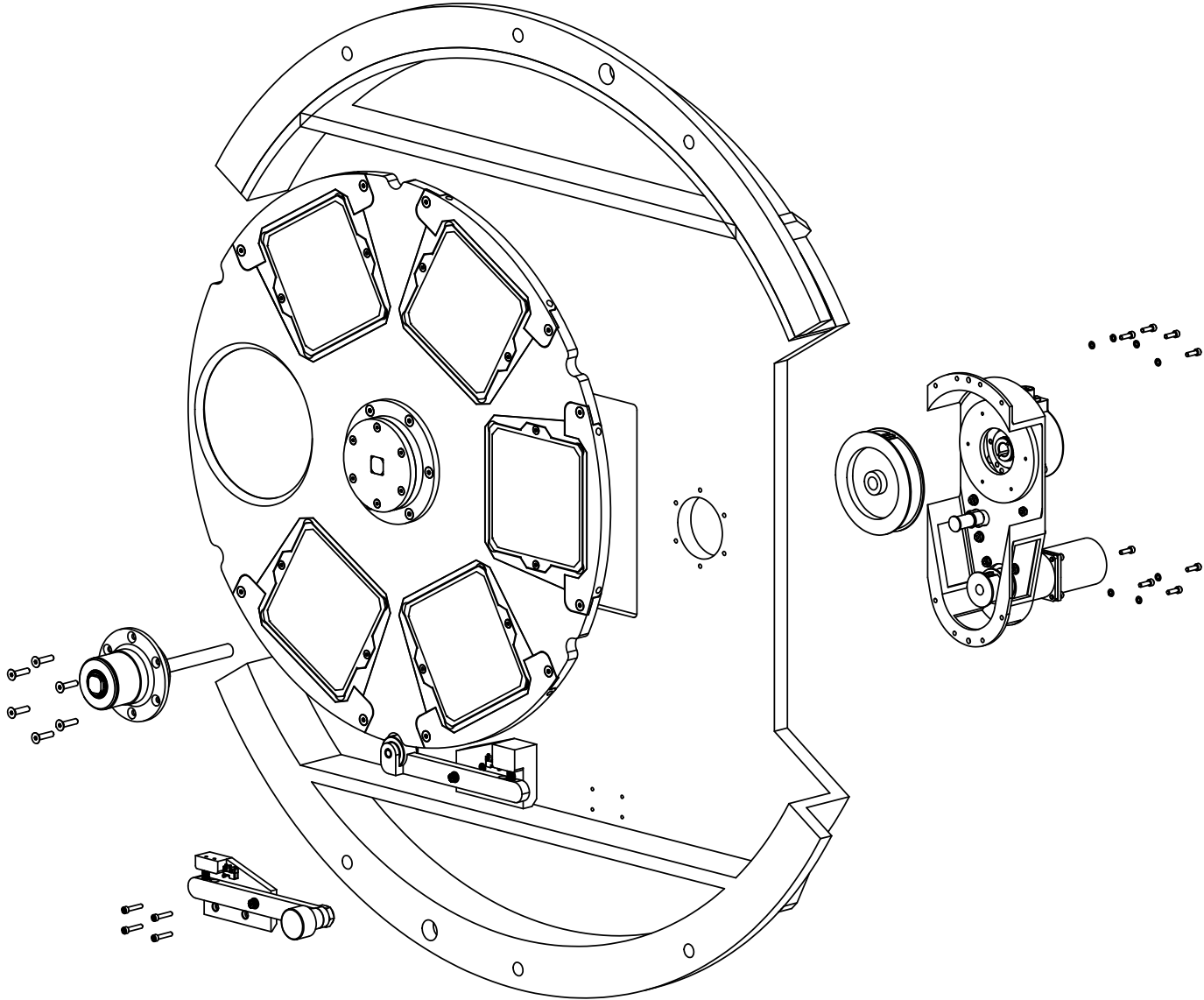
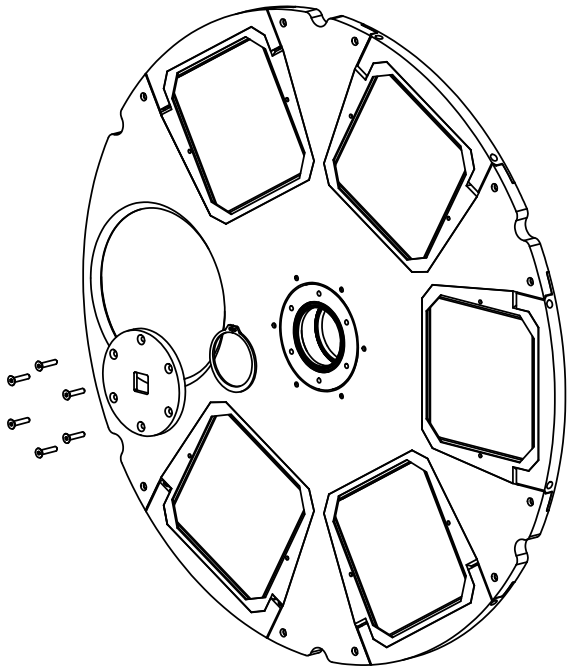
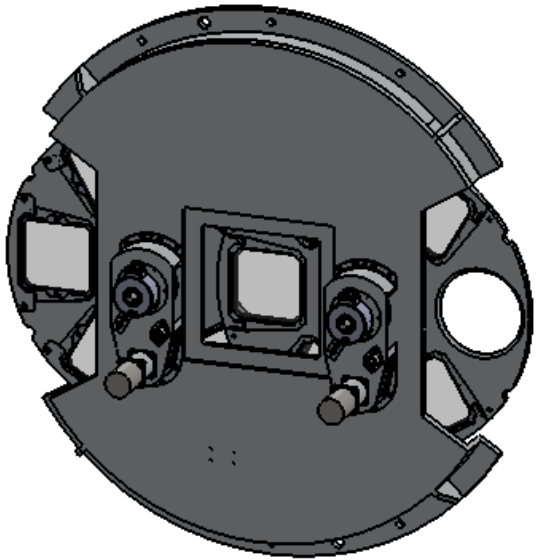
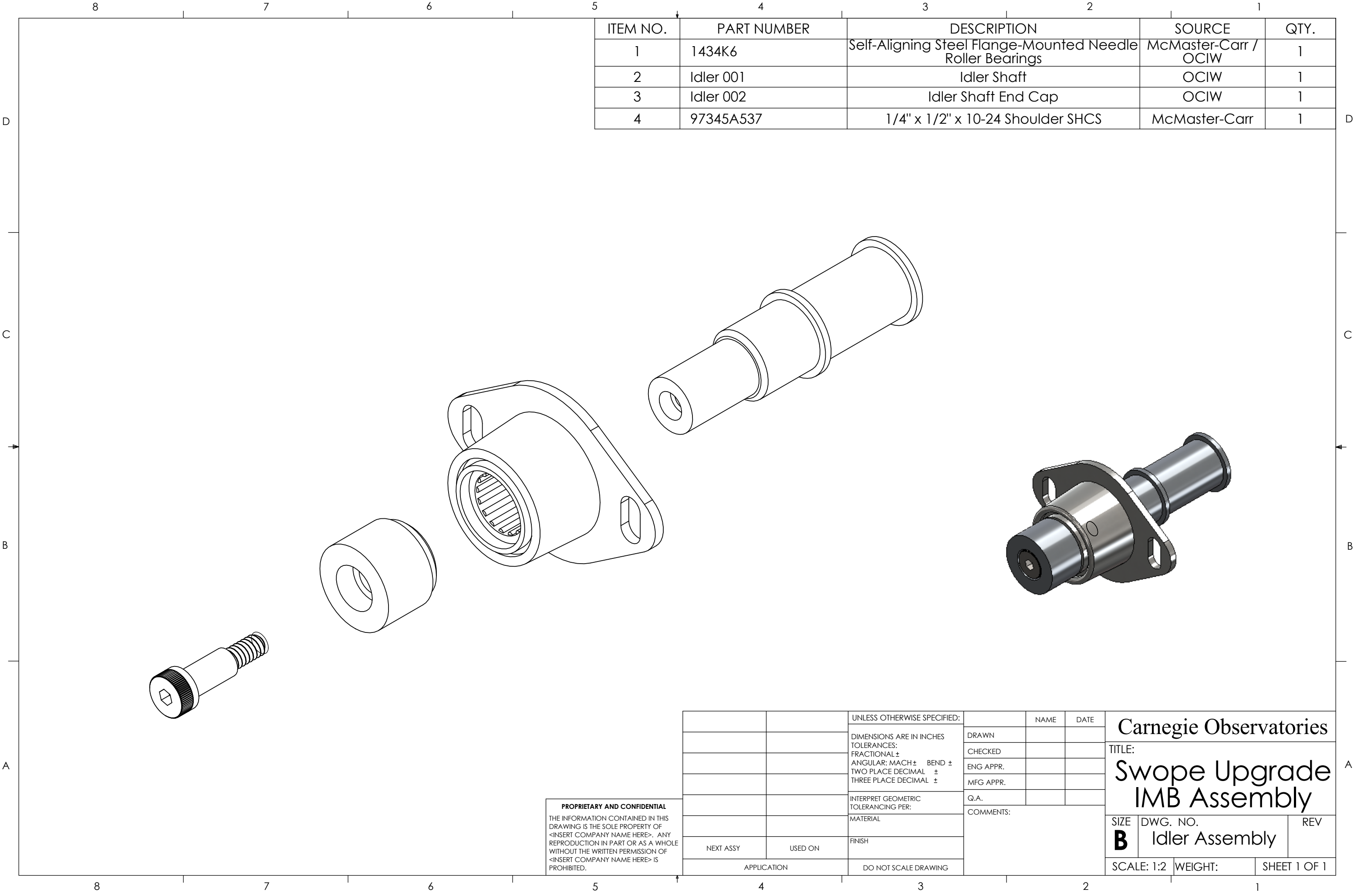


ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	Base Plate	Base Plate	TBD	1
2	Axle Assembly	Filter Wheel Axle Assembly	OCIW	2
3	SCHCSCREW 0.25-20x1.125x1.125-HX-N			12
4	SCHCSCREW 0.19-32x1x1-HX-N			12
5	Filter Wheel Assembly	Filter Wheel Assembly	OCIW	2
6	97633A450	External Retaining Ring, 2.5" Shaft Diameter	McMaster-Carr	2
7	Coupling Plate	Filter Wheel Axle Coupling Plate	OCIW	2
8	Detent Assembly 002	Detent Assembly 'A'	OCIW	1
9	Detent Assembly 003	Detent Assembly 'B'	OCIW	1
10	A6Z4-40DF07520	'L' Timing Belt Pulley, 40 Grooves	SDP / SI	2
11	Drive Assembly	Filter Wheel Drive Assembly	OCIW	2
12	Regular LW 0.19			16
13	HX-SHCS 0.19-32x0.625x0.625-N			16
14	HX-SHCS 0.19-32x1x1-N			8



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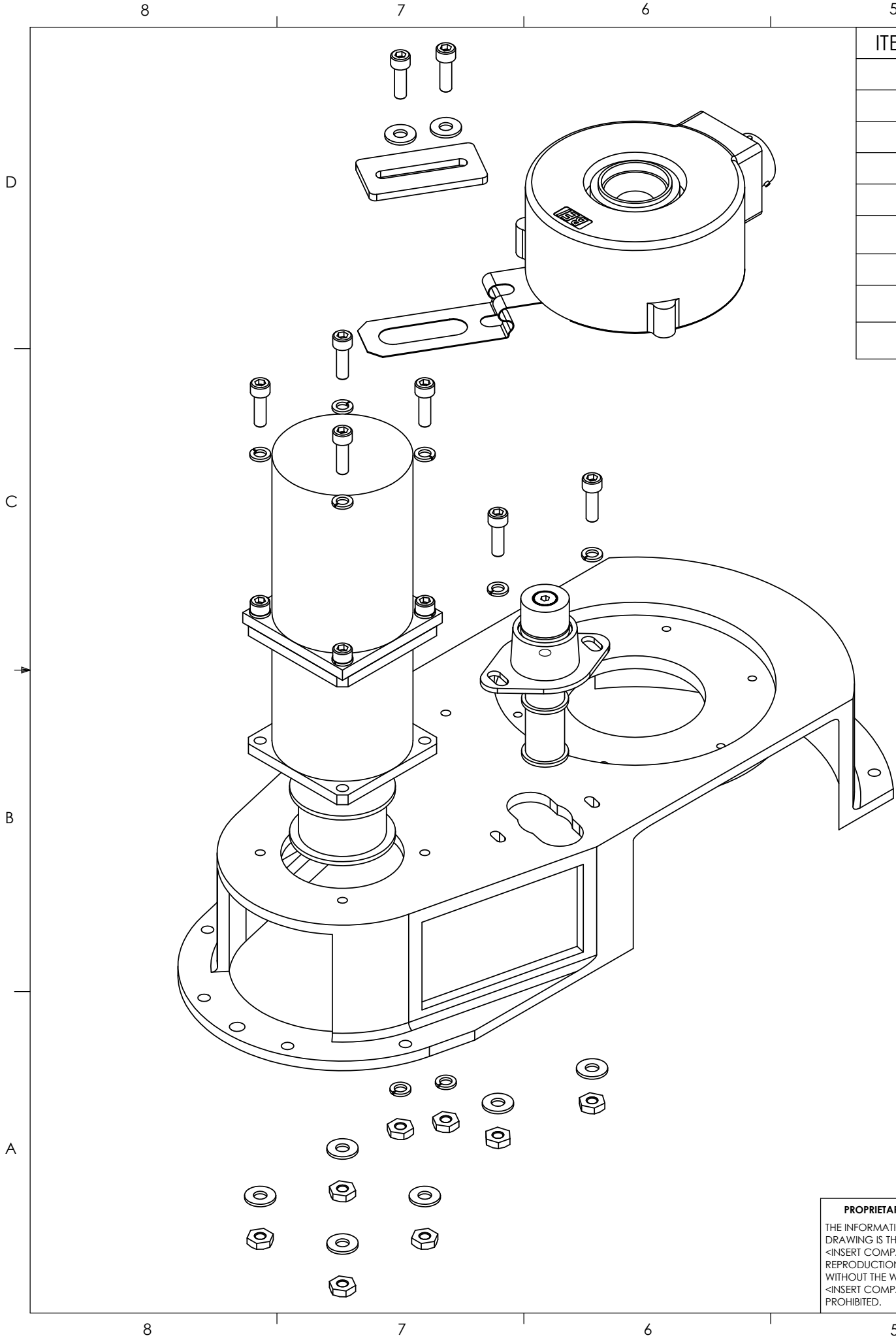
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		THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO.
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APPLICATION		DO NOT SCALE DRAWING				SHEET 1 OF 1	



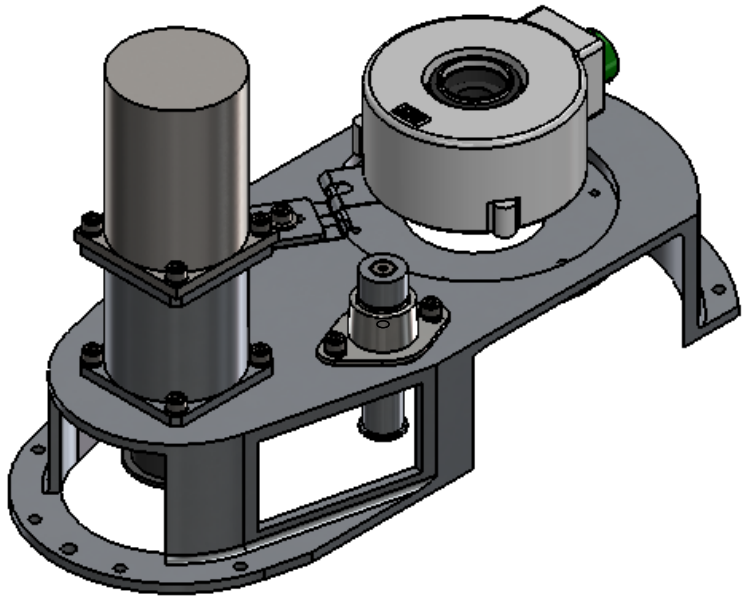
ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	1434K6	Self-Aligning Steel Flange-Mounted Needle Roller Bearings	McMaster-Carr / OCIW	1
2	Idler 001	Idler Shaft	OCIW	1
3	Idler 002	Idler Shaft End Cap	OCIW	1
4	97345A537	1/4" x 1/2" x 10-24 Shoulder SHCS	McMaster-Carr	1

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NEXT ASSY	USED ON							
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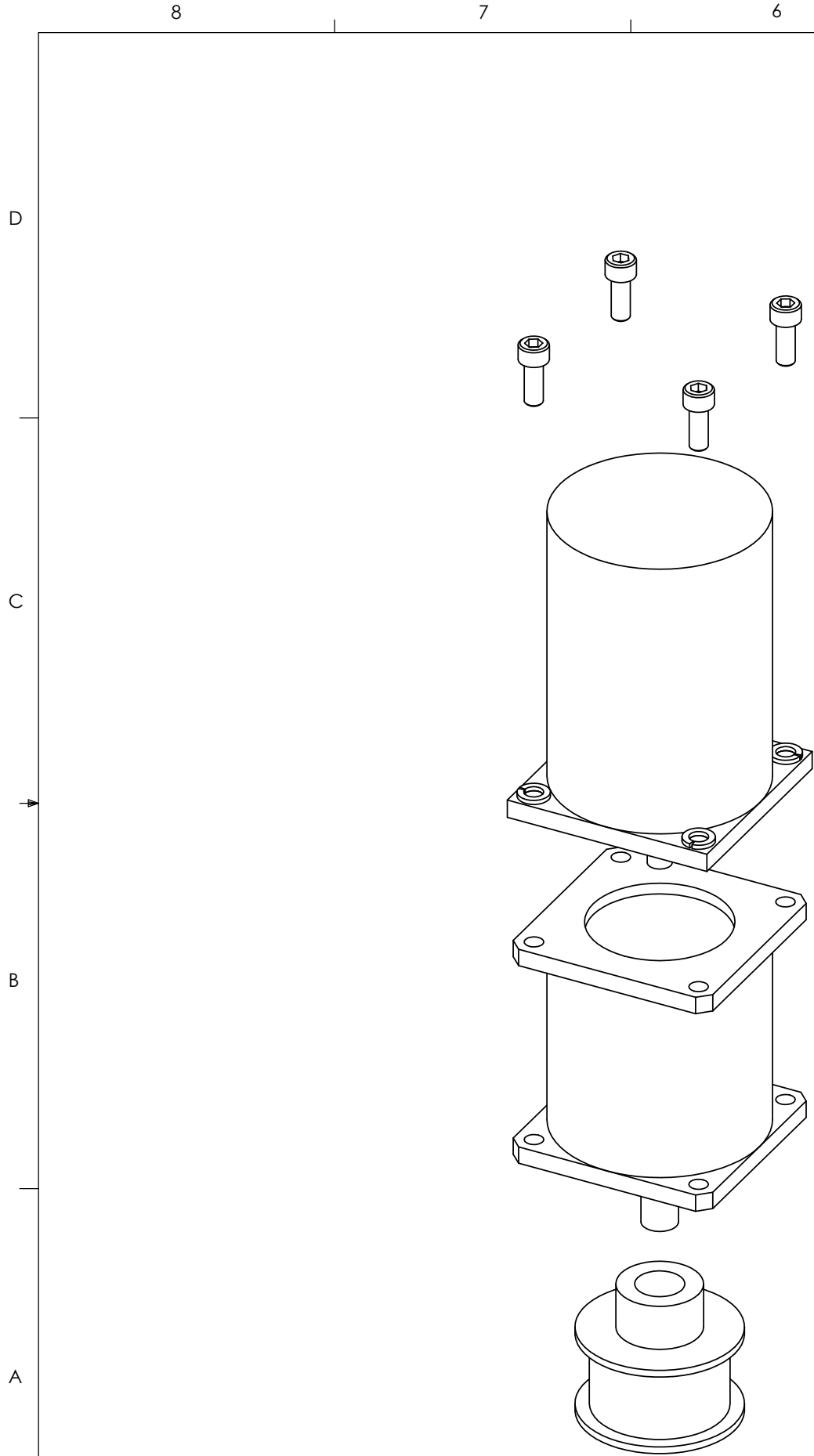


ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	Drive 001	Drive Assembly Base	OCIW	1
2	Motor Assembly	Filter Wheel Drive Motor Assembly	OCIW	1
3	BEI-HS35F	Absolute Encoder	BEI Sensors	1
4	Idler Assembly	Idler Assembly	OCIW	1
5	Drive 002	Encoder Clamp Plate	OCIW	1
6	HX-SHCS 0.19-32x0.625x0.625-N			8
7	Regular LW 0.19			8
8	Preferred Narrow FW 0.19			8
9	MSHXNUT 0.190-32-S-N			8

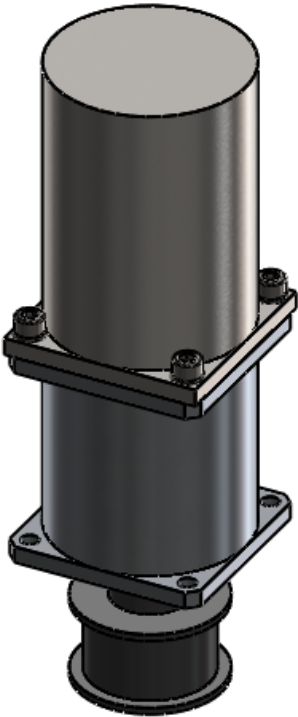


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		THREE PLACE DECIMAL ±				B	Drive Assembly
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			SCALE: 1:8	WEIGHT:
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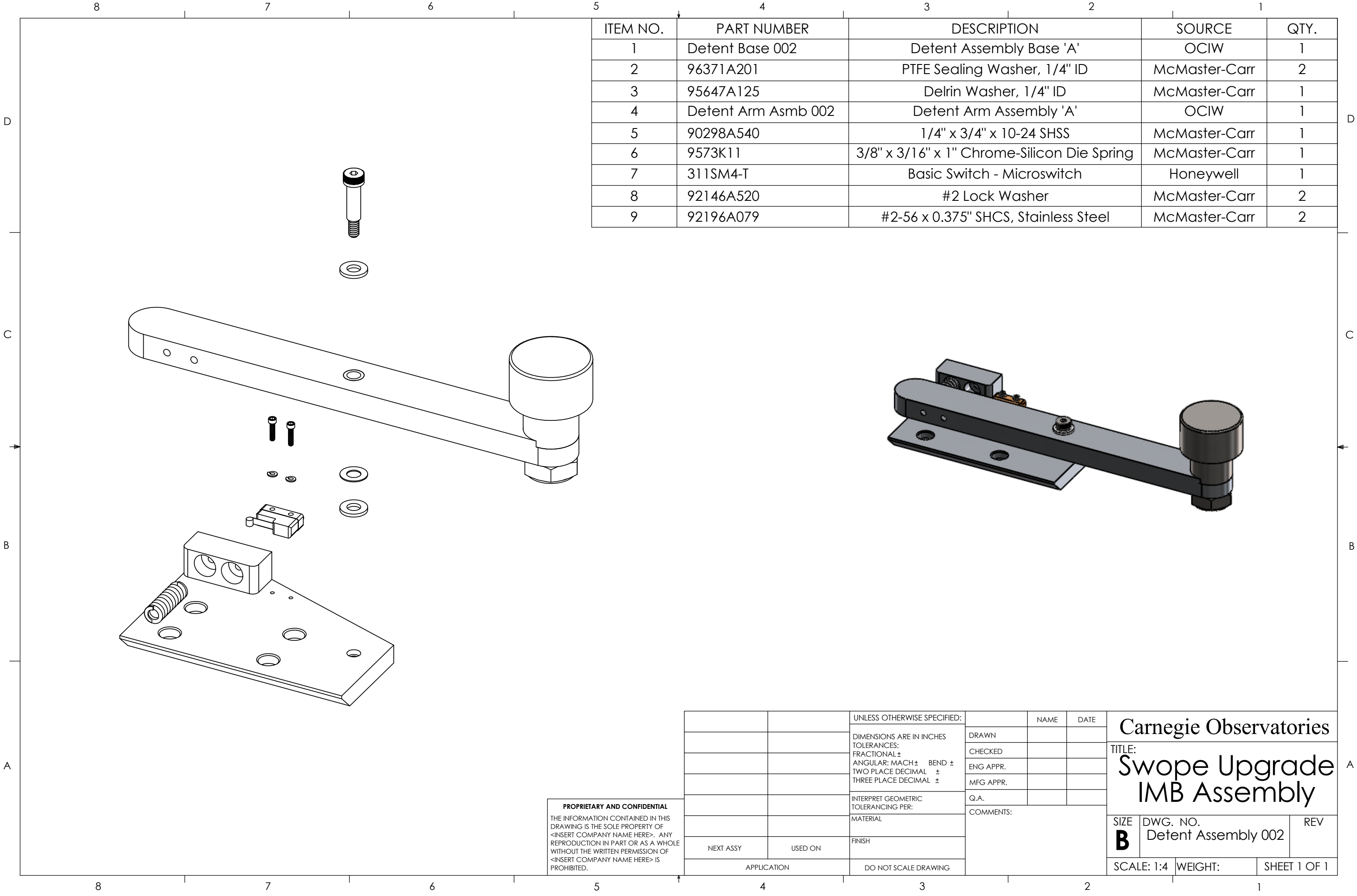


ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	TMG 5609L-0502	0.9 Degree, 400 Steps/Rev Hybrid Stepper, NEMA 23	The Motion Group	1
2	Bayside NE23	Bayside In-Line Gearhead, NEMA 23	Parker Hannifin / Parker Motion	1
3	A6Z4-12DF07512	'L' Timing Belt Pulley, 12 Grooves	SDP/SI	1
4	Regular LW 0.19			4
5	HX-SHCS 0.19-32x0.5x0.5-N			4



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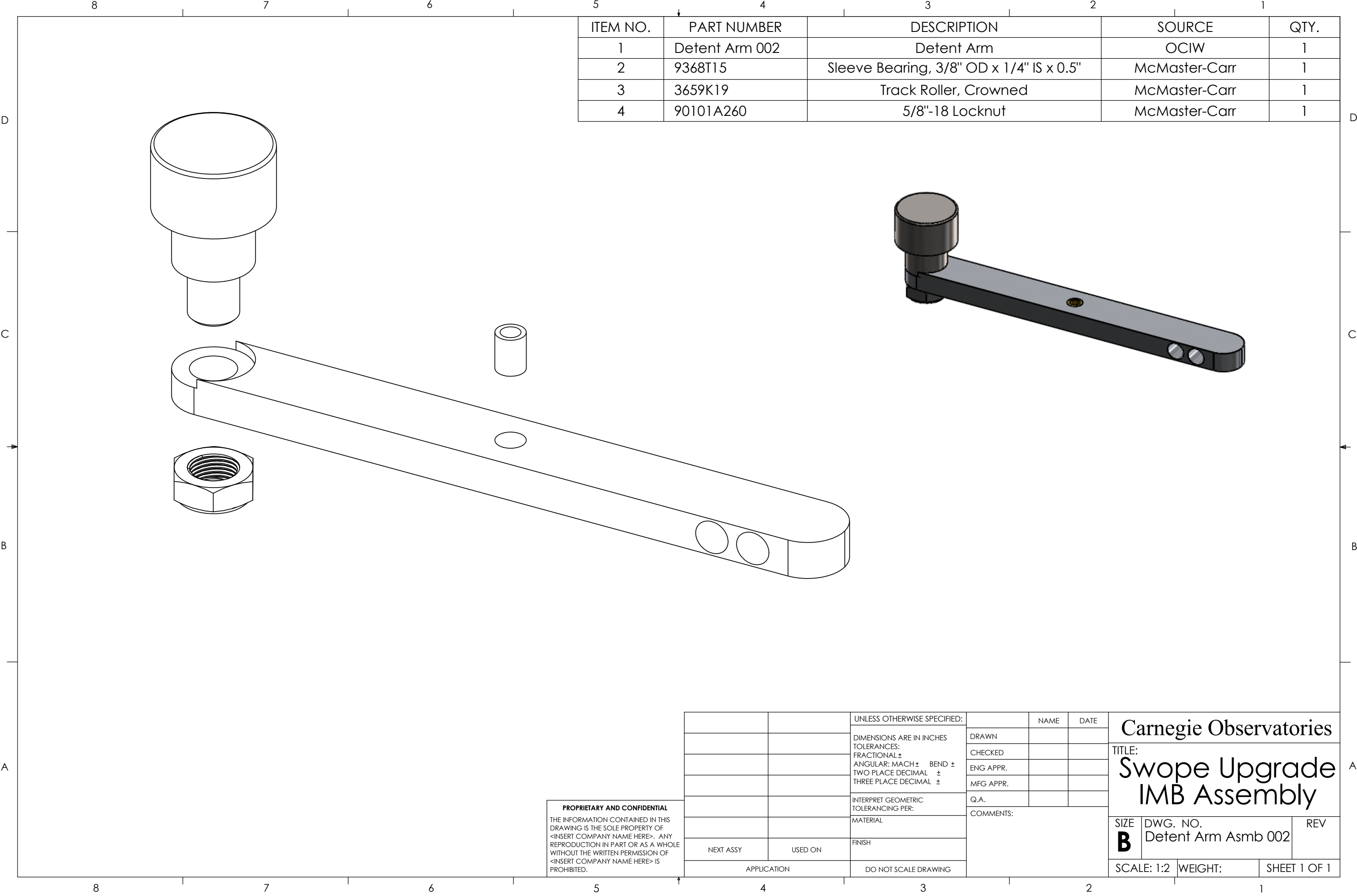
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		THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO.	REV
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		MATERIAL				SCALE: 1:4	WEIGHT:	SHEET 1 OF 1
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING						



ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	Detent Base 002	Detent Assembly Base 'A'	OCIW	1
2	96371A201	PTFE Sealing Washer, 1/4" ID	McMaster-Carr	2
3	95647A125	Delrin Washer, 1/4" ID	McMaster-Carr	1
4	Detent Arm Asmb 002	Detent Arm Assembly 'A'	OCIW	1
5	90298A540	1/4" x 3/4" x 10-24 SHSS	McMaster-Carr	1
6	9573K11	3/8" x 3/16" x 1" Chrome-Silicon Die Spring	McMaster-Carr	1
7	311SM4-T	Basic Switch - Microswitch	Honeywell	1
8	92146A520	#2 Lock Washer	McMaster-Carr	2
9	92196A079	#2-56 x 0.375" SHCS, Stainless Steel	McMaster-Carr	2

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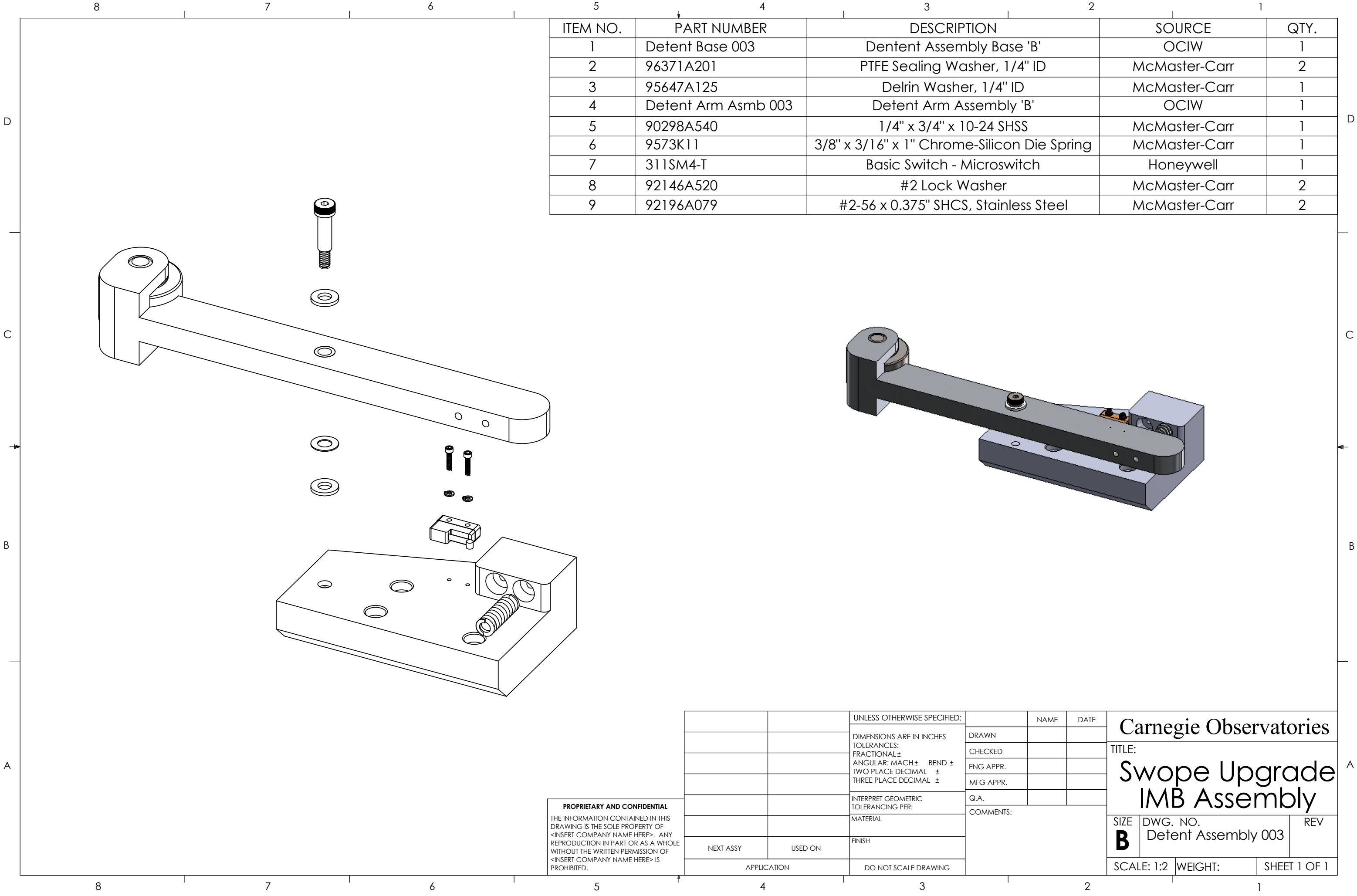
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NEXT ASSY	USED ON	FINISH						
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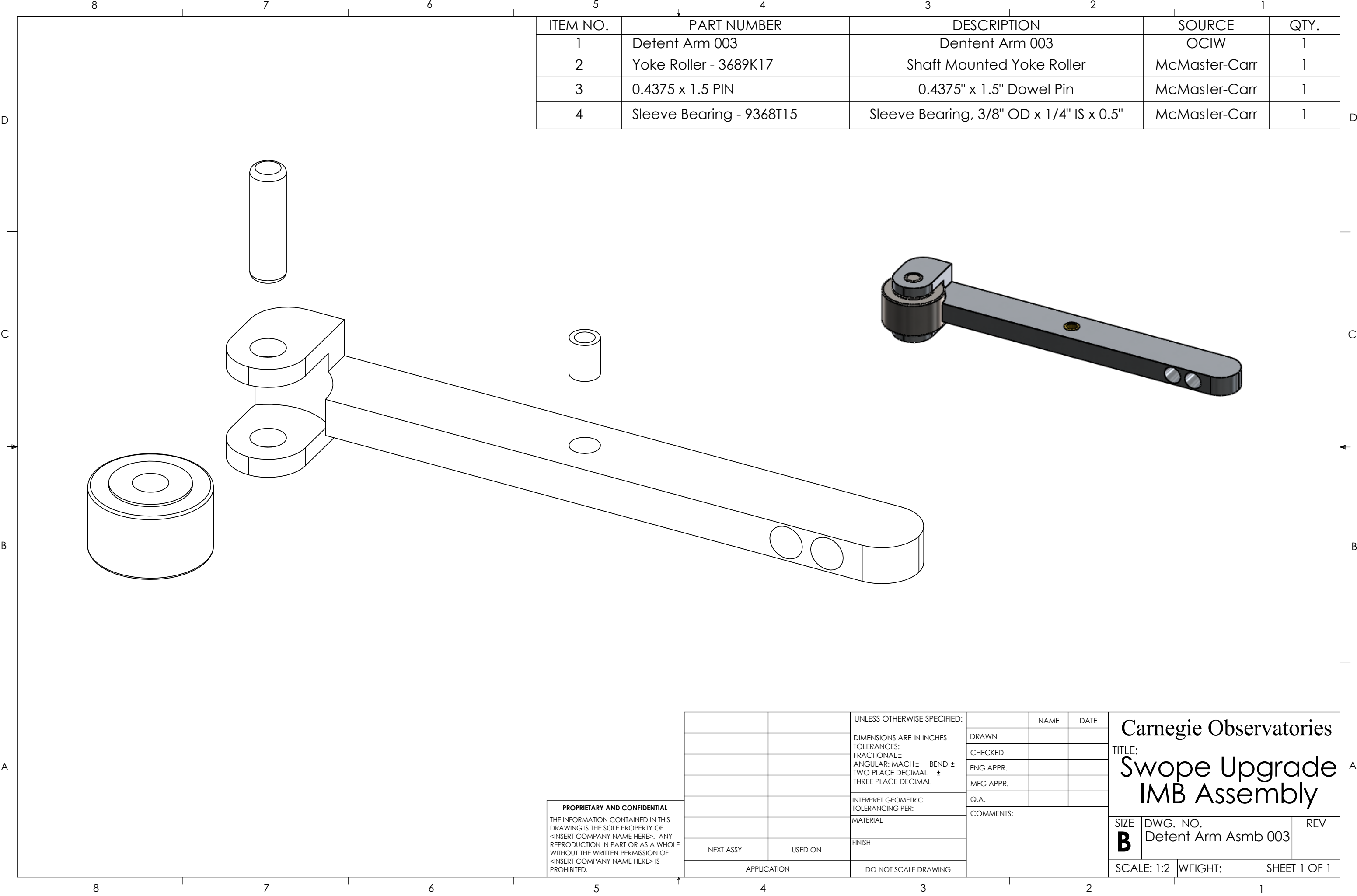


ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	Detent Arm 002	Detent Arm	OCIW	1
2	9368T15	Sleeve Bearing, 3/8" OD x 1/4" IS x 0.5"	McMaster-Carr	1
3	3659K19	Track Roller, Crowned	McMaster-Carr	1
4	90101A260	5/8"-18 Locknut	McMaster-Carr	1

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		INTERPRET GEOMETRIC				B	Detent Arm Asmb 002	
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NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING						



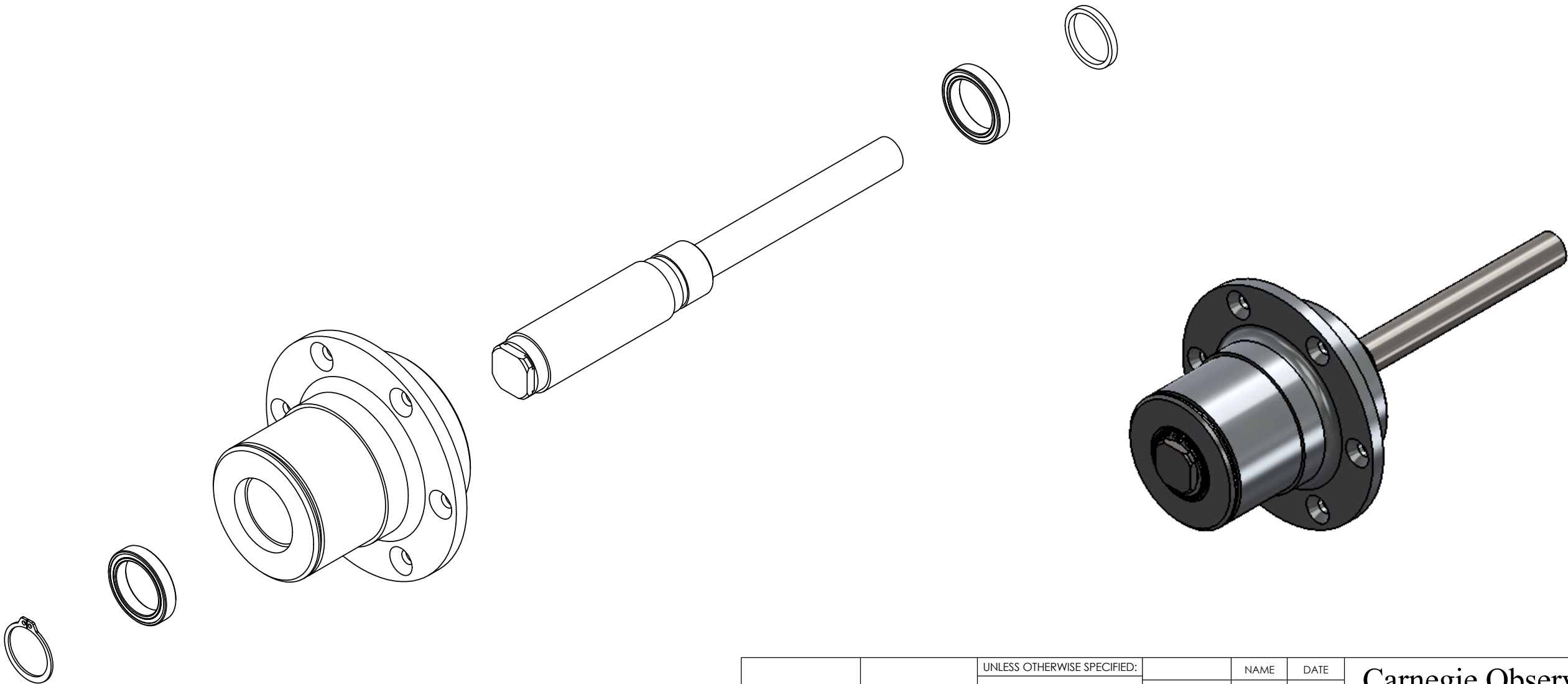


ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	Detent Arm 003	Dentent Arm 003	OCIW	1
2	Yoke Roller - 3689K17	Shaft Mounted Yoke Roller	McMaster-Carr	1
3	0.4375 x 1.5 PIN	0.4375" x 1.5" Dowel Pin	McMaster-Carr	1
4	Sleeve Bearing - 9368T15	Sleeve Bearing, 3/8" OD x 1/4" IS x 0.5"	McMaster-Carr	1

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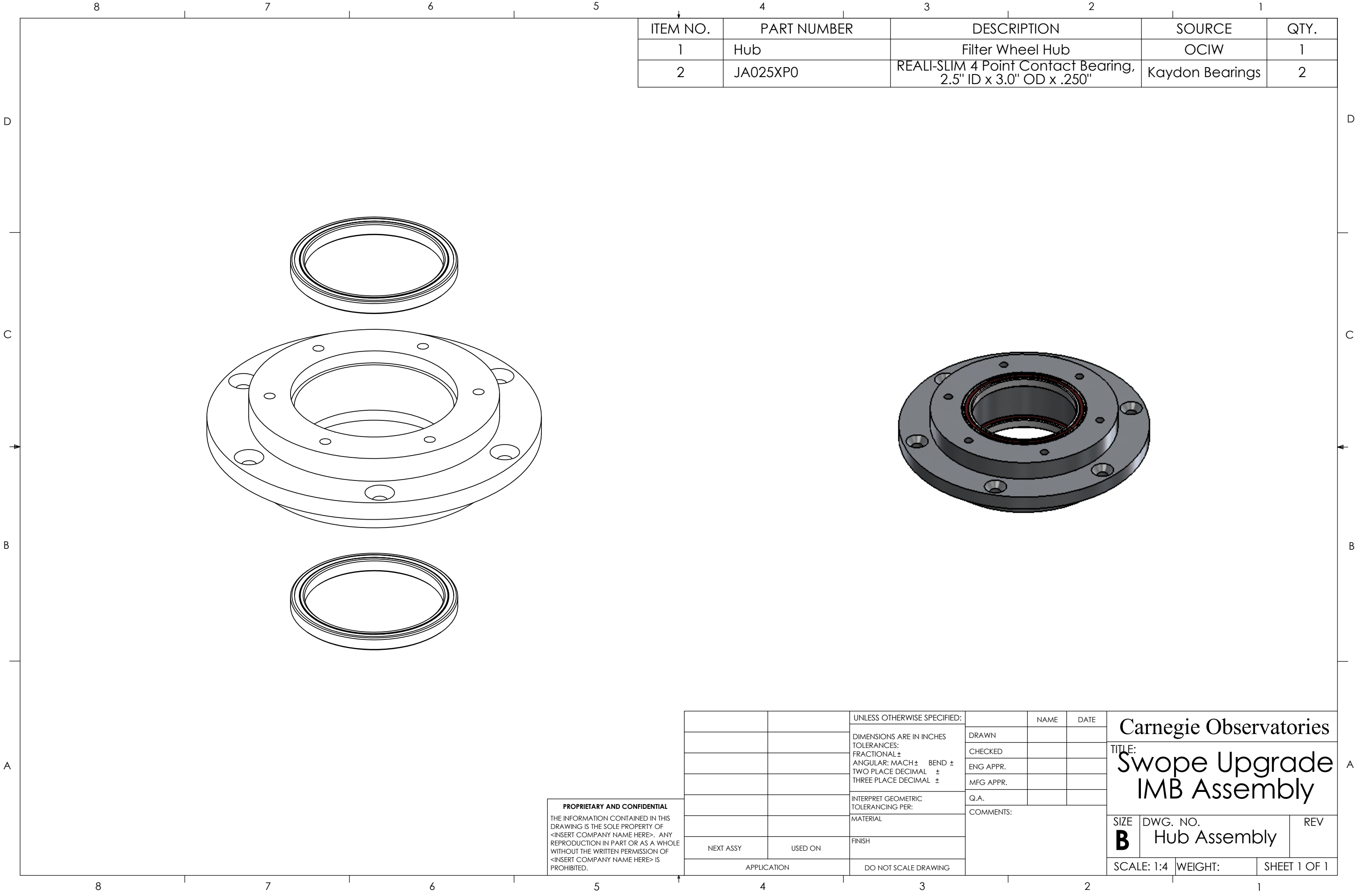
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		MATERIAL	COMMENTS:						
		FINISH							
NEXT ASSY	USED ON					DWG. NO. Detent Arm Asmb 003		REV	
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2		WEIGHT:	SHEET 1 OF 1

ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	Axle	Filter Wheel Axle	OCIW	1
2	JHA10XL0	REALI-SLIM 4 Point Contact Bearing, 1.0" ID x 1.375" OD, .250"	Kaydon Bearings	2
3	Shaft	Filter Wheel Shaft	OCIW	1
4	91590A133	Retaining Ring	McMaster-Carr	1
5	WSW-100	Wave Spring	Smalley	1



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		MATERIAL	COMMENTS:						
		FINISH							
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APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:8		WEIGHT:	SHEET 1 OF 1



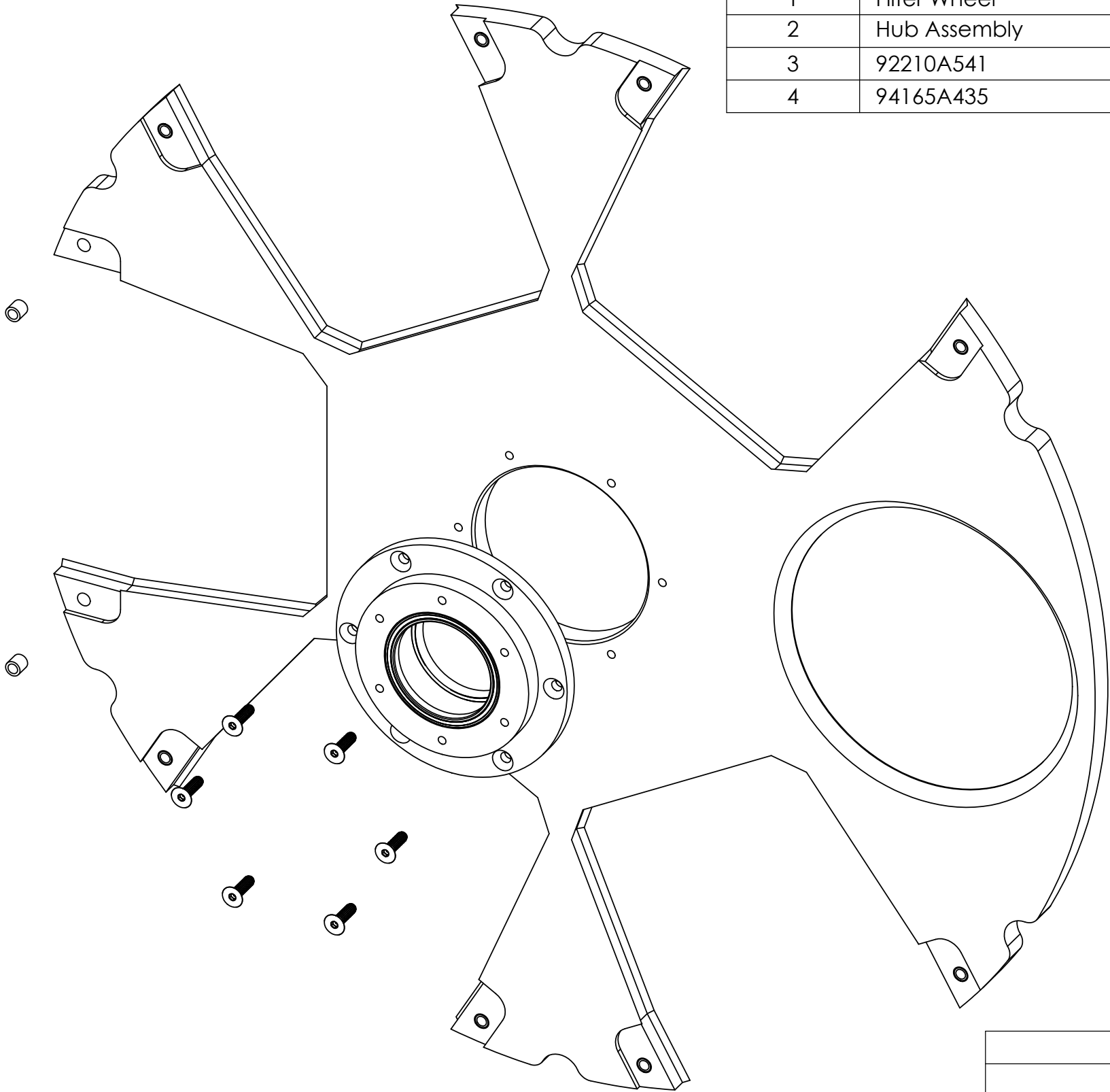
ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	Filter Wheel	Filter Wheel	OCIW / TBD	1
2	Hub Assembly	Filter Wheel Hub Assembly	OCIW	1
3	92210A541	1/4" - 20 x .875" SHCS, Flat Head	McMaster-Carr	6
4	94165A435	1/4" - 20 x 3/8" - 16 Threaded Insert	McMaster-Carr	10

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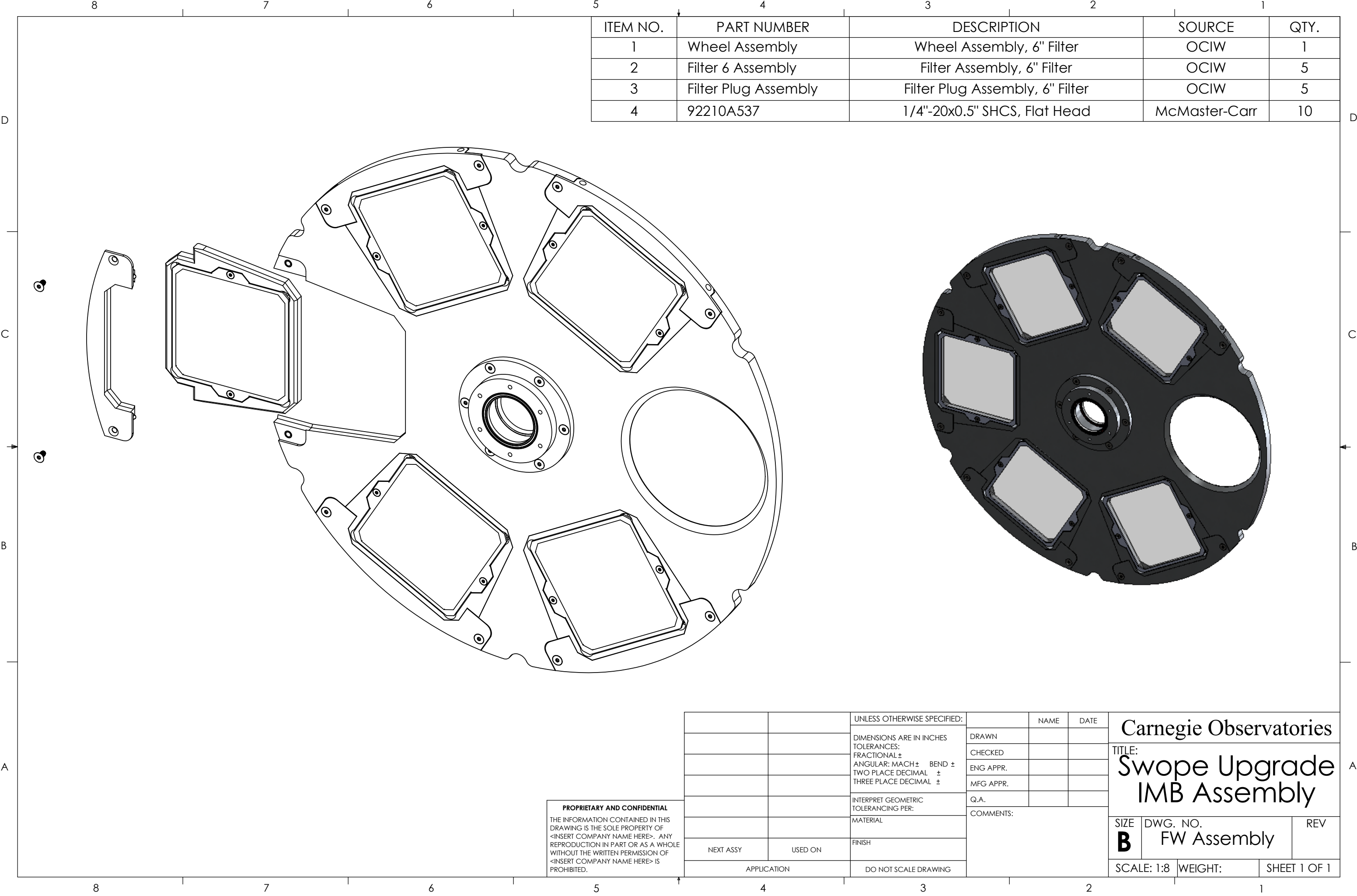
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		MATERIAL						
		FINISH				SIZE B	DWG. NO. Wheel Assembly	REV
NEXT ASSY	USED ON					SCALE: 1:8	WEIGHT:	SHEET 1 OF 1
APPLICATION		DO NOT SCALE DRAWING						



ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	Wheel Assembly	Wheel Assembly, 6" Filter	OCIW	1
2	Filter 6 Assembly	Filter Assembly, 6" Filter	OCIW	5
3	Filter Plug Assembly	Filter Plug Assembly, 6" Filter	OCIW	5
4	92210A537	1/4"-20x0.5" SHCS, Flat Head	McMaster-Carr	10

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			ENG APPR.				SCALE: 1:8	WEIGHT:	SHEET 1 OF 1
			MFG APPR.						
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.						
		MATERIAL	COMMENTS:						
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING							

ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	Filter Frame 6	Filter Frame, 6" Filter	OCIW	1
2	Filter 6	6" x 6" x 0.5" Filter	TBD	1
3	Filter Clip 6	Filter Frame Clip, 6" Filter	OCIW	1
4	92210A302	10-32 x 0.5" SHCS, Flat Head	McMaster-Carr	2

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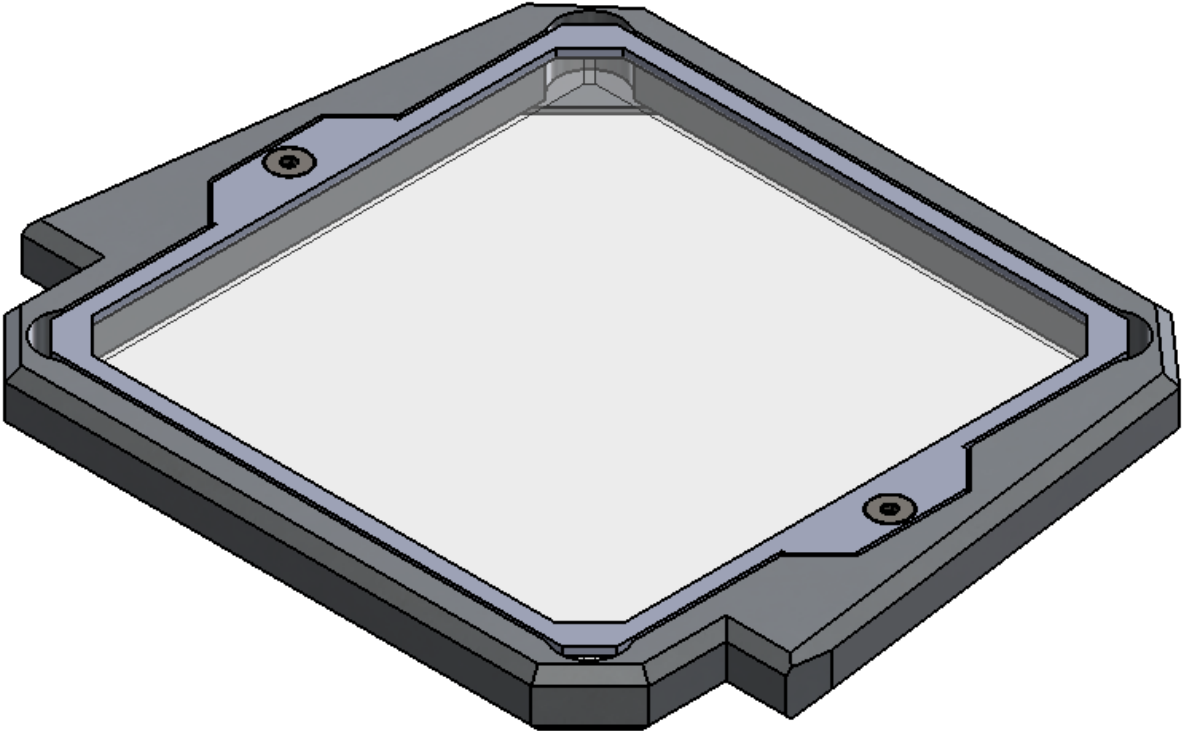
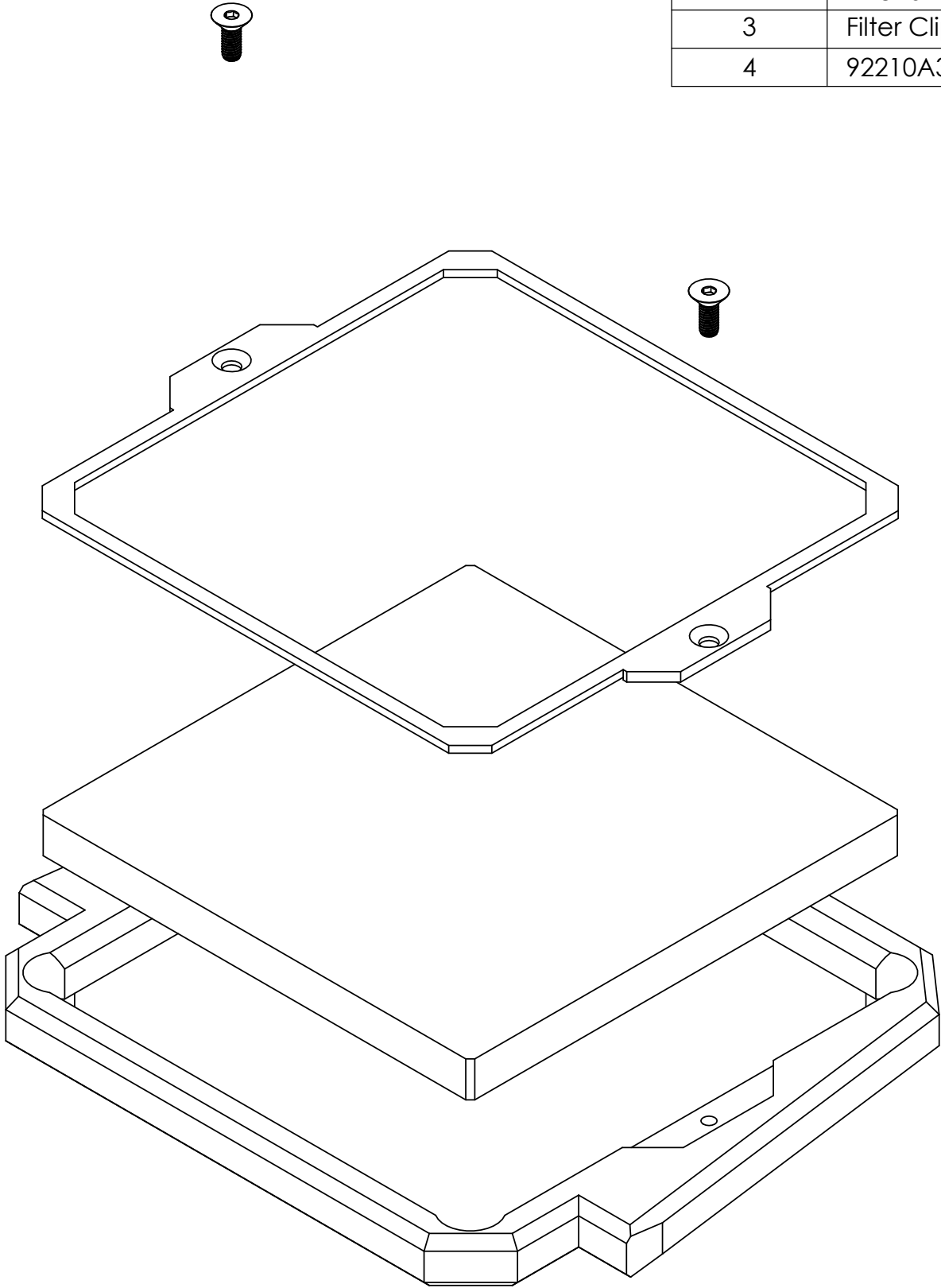
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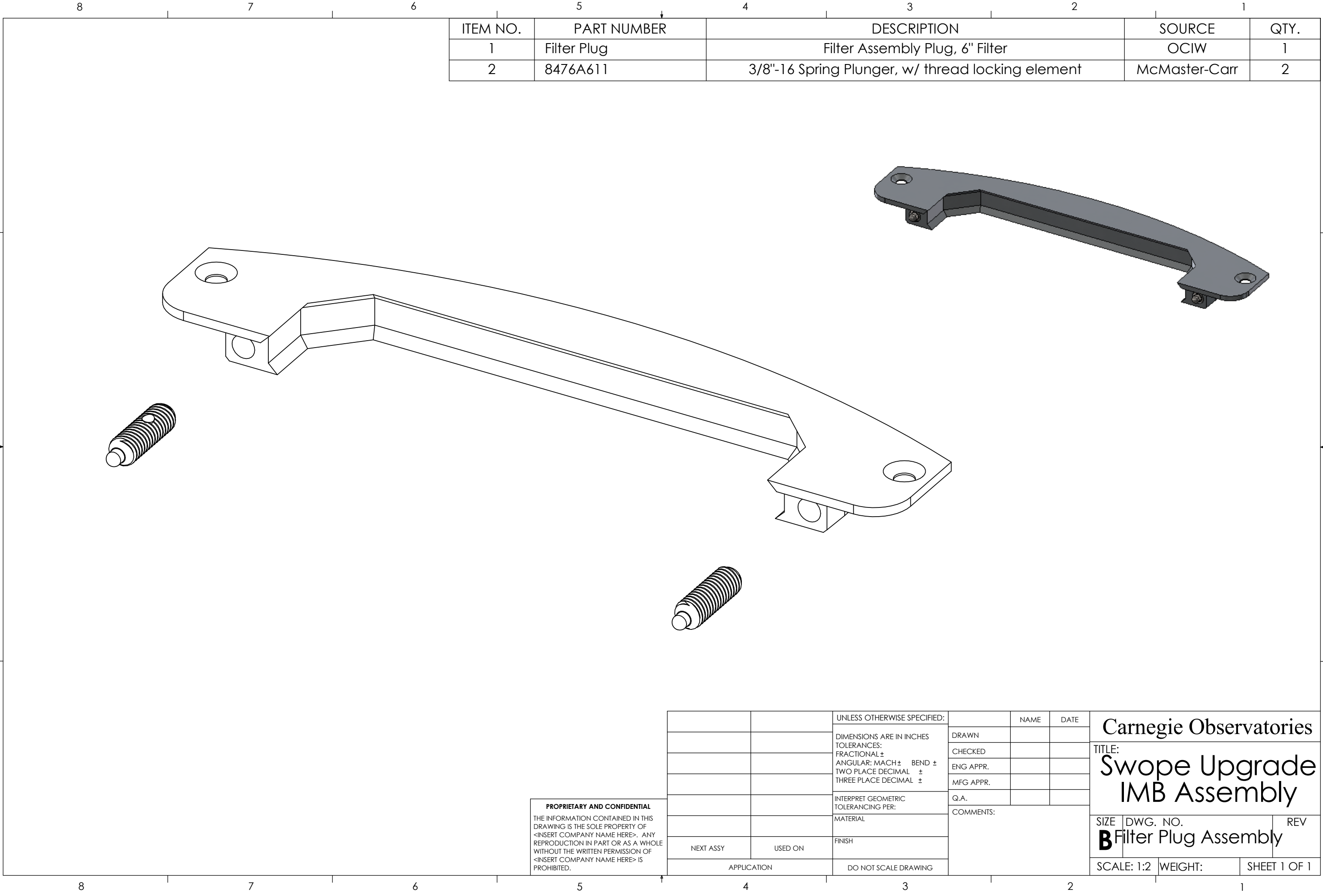
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NEXT ASSY	USED ON	FINISH				SIZE B	DWG. NO. Filter 6 Assembly	REV
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:4	WEIGHT:	SHEET 1 OF 1



ITEM NO.	PART NUMBER	DESCRIPTION	SOURCE	QTY.
1	Filter Plug	Filter Assembly Plug, 6" Filter	OCIW	1
2	8476A611	3/8"-16 Spring Plunger, w/ thread locking element	McMaster-Carr	2

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		MATERIAL	COMMENTS:					
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2 WEIGHT: SHEET 1 OF 1		