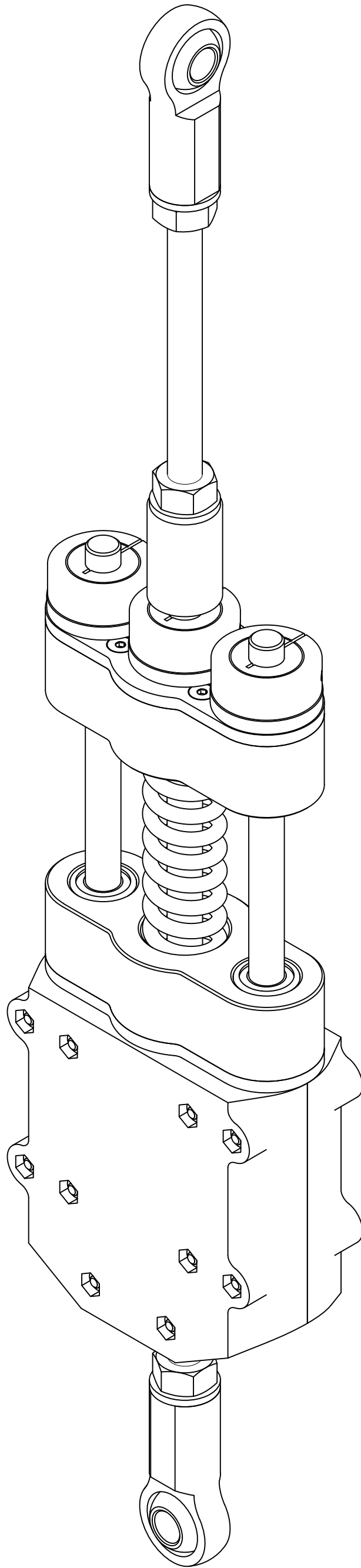
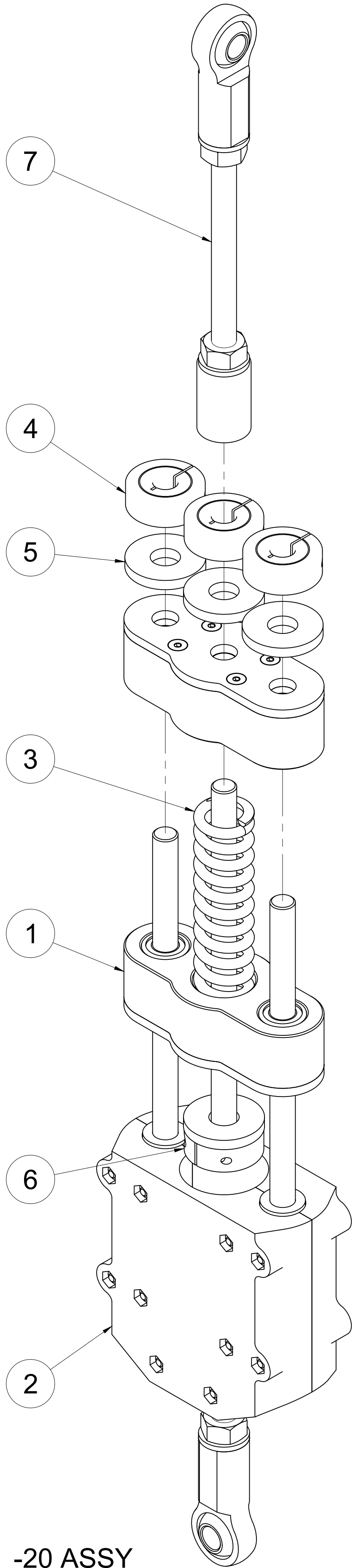


NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL ITEMS NOT EXPLICITLY DEFINED IN THIS DRAWING ARE DEFINED BY THE MASTER CAD MODELS. ALL DIMENSIONS NOT DEFINED ON THIS DRAWING ARE CONTAINED WITHIN THE FOLLOWING MANUFACTURING FILES:
- 1.1. FLAT PARTS: <MATERIAL> <MATERIAL COLOR, IF APPLICABLE>_<THICKNESS, IN DECIMAL INCHES> <PN> <REV>.<VERSION NUMBER OF MODEL>.SVG
- 1.2. FDM 3D PRINTED PARTS: FDM_<PN>_<REV>.<VERSION # OF MODEL>.3MF

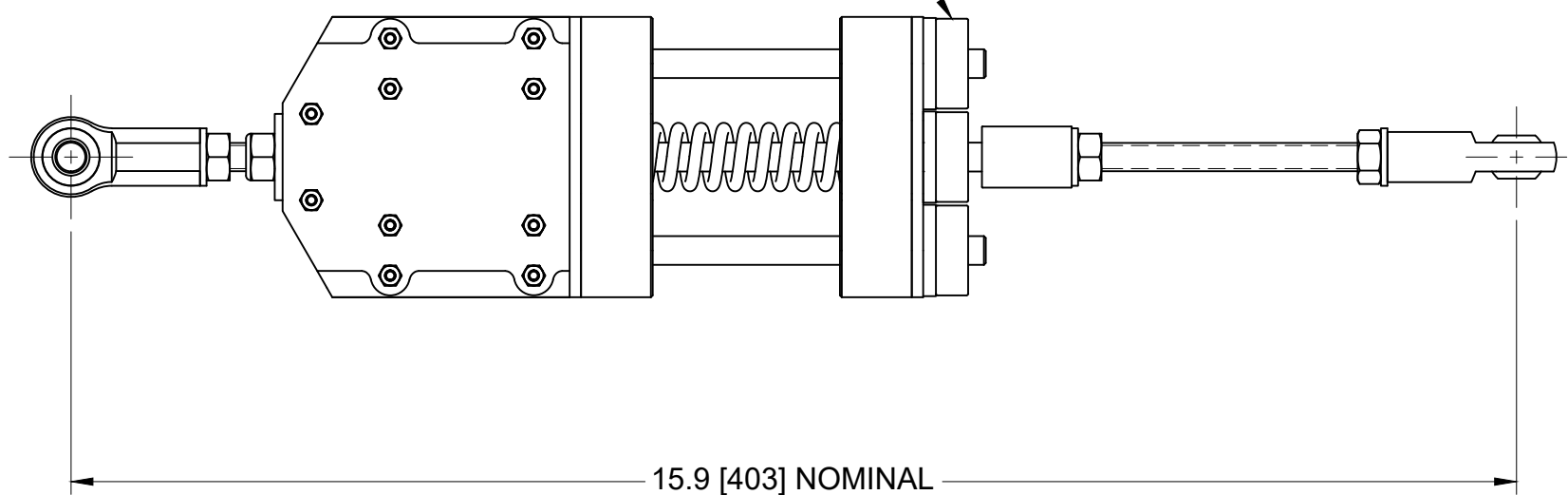


-20 ISO
SCALE 1:1



-20 ASSY
SCALE 1:1

SHAFT COLLAR POSITIONING DETERMINES SPRING PRE-COMPRESSION
ADJUST TO OVERCOME SYSTEM FRICTION



DISTANCE BETWEEN CENTERS DETERMINED BY STICK TRIM POSITION. ADJUST IN-PLACE

-20 FRONT
SCALE 1:2

7	1	OH3A3-24	ASSY, PUSHROD, THREADED, SSDCT	
6	1	OH3A3-23	ASSY, PUSHROD, SMOOTH, SSDCT	
5	3	90131A103	WASHER, CUSHIONING, 0.375 ID, ABRASION-RESISTANT	RBR
4	3	57445K24	8MM CLAMPING SHAFT COLLAR	STL
3	1	9657K438	3 IN COMPRESSION SPRING	STL
2	1	OH3A3-22	ASSY, FIXED END, SSDCT	
1	2	OH3A3-21	ASSY, SPRING END, SSDCT	
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL

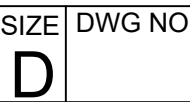
UNLESS OTHERWISE SPECIFIED:			UOS INCH TOLERANCES ARE:				
DIMENSIONS ARE IN INCHES.			DECIMALS:	ANGLES:			
DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.			.X ± .1	MACHINED ± 5°			
			.XX ± .03	LOCATING ± 5°			
			.XXX ± .010	FORMED ± 2°			
			CHAMFERS ± 5°				
INTERPRET DRAWING IAW ASME Y14.100-2017.			DRILLED HOLE DIAMETERS:				
INTERPRET DIM AND TOL IAW ASME Y14.5-2009.			.0135 - .125: +.004/- .001				
			.126 - .250: +.005/- .001				
			.251 - .500: +.006/- .001				
			.501 - .750: +.008/- .001				
			.751 - 1.000: +.010/- .001				
REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX.			1.001 - 2.000: +.012/- .001				
DIMENSIONS APPLY BEFORE FINISH.							
DESIGNED	E. SCOTT	10/5/2022					
CHECKED	J. STEENSEN	05/03/2023					
DRAWN	E. SCOTT	10/5/2022					
			SIZE	DWG NO	OH3A3-20	REV	
			D				-
			SCALE 1:2	DO NOT SCALE DWG	SHEET 1/8		



OPEN HORNET
<https://www.OpenHornet.com>

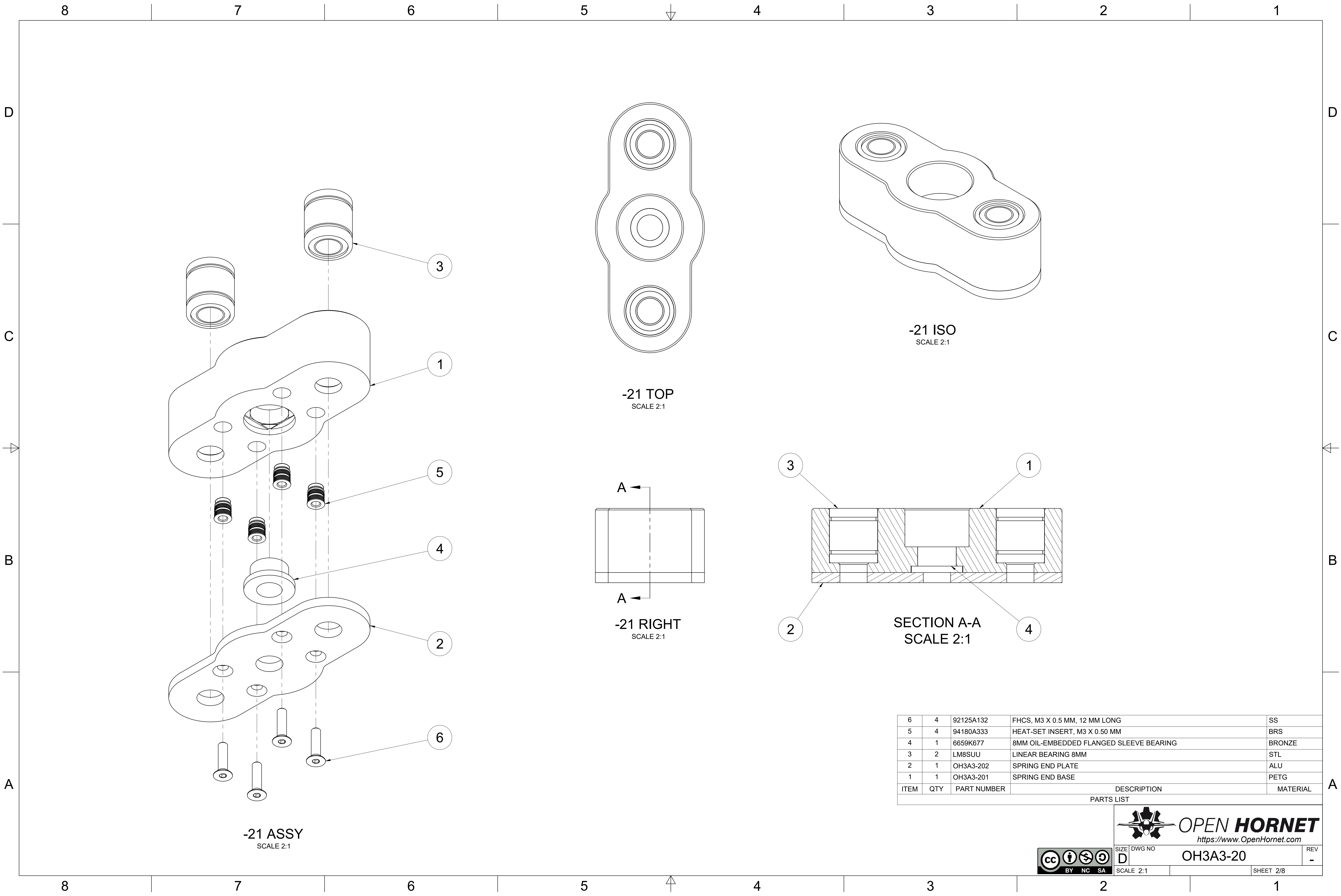
ASSY, SSDCT

CENTER TUB



OH3A3-20

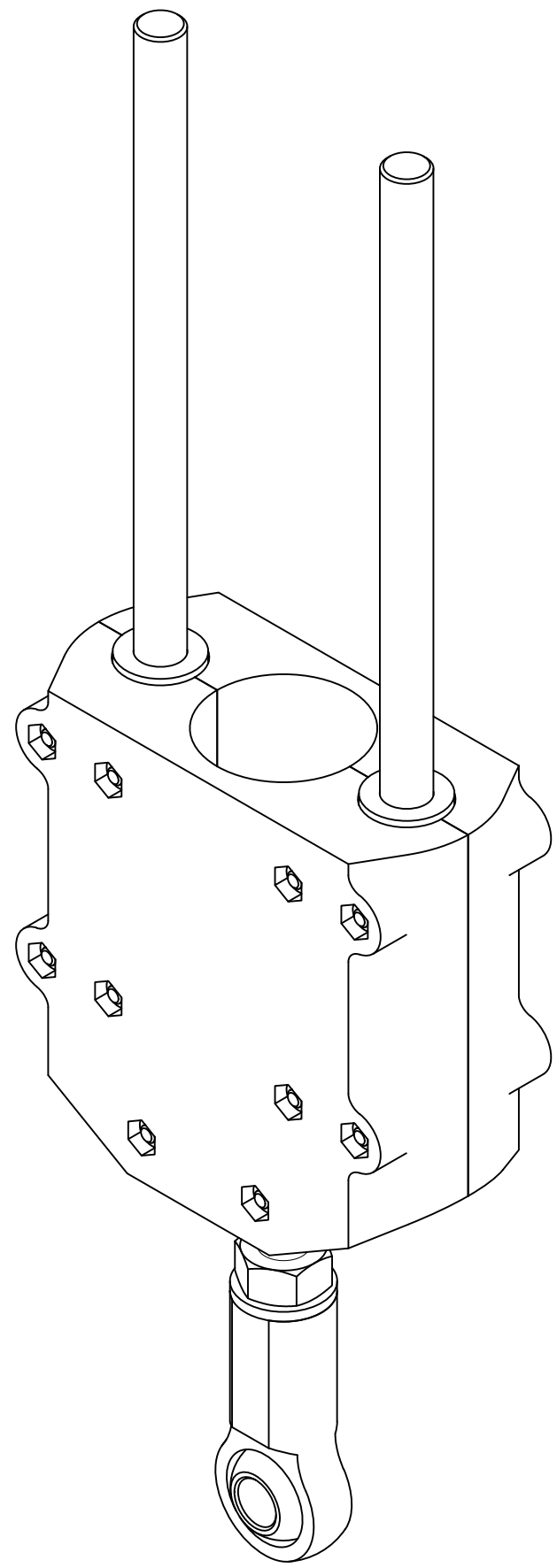
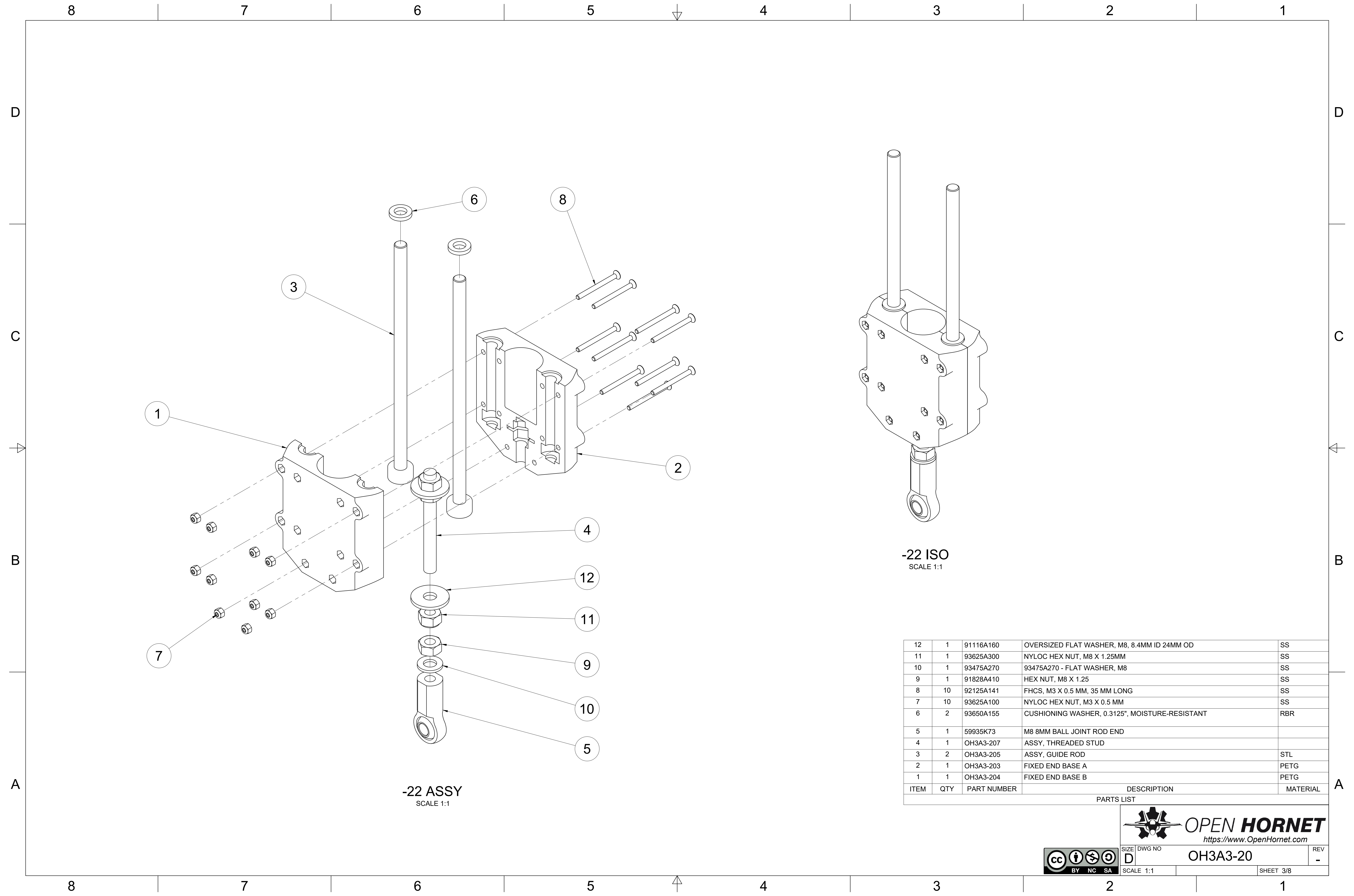
REV
-



6	4	92125A132	FHCS, M3 X 0.5 MM, 12 MM LONG	SS
5	4	94180A333	HEAT-SET INSERT, M3 X 0.50 MM	BRS
4	1	6659K677	8MM OIL-EMBEDDED FLANGED SLEEVE BEARING	BRONZE
3	2	LM8SUU	LINEAR BEARING 8MM	STL
2	1	OH3A3-202	SPRING END PLATE	ALU
1	1	OH3A3-201	SPRING END BASE	PETG
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



SIZE	DWG NO	REV
D	OH3A3-20	-
SCALE 2:1		SHEET 2/8



-22 ISO
SCALE 1:1

12	1	91116A160	OVERSIZED FLAT WASHER, M8, 8.4MM ID 24MM OD	SS
11	1	93625A300	NYLOC HEX NUT, M8 X 1.25MM	SS
10	1	93475A270	93475A270 - FLAT WASHER, M8	SS
9	1	91828A410	HEX NUT, M8 X 1.25	SS
8	10	92125A141	FHCS, M3 X 0.5 MM, 35 MM LONG	SS
7	10	93625A100	NYLOC HEX NUT, M3 X 0.5 MM	SS
6	2	93650A155	CUSHIONING WASHER, 0.3125", MOISTURE-RESISTANT	RBR
5	1	59935K73	M8 8MM BALL JOINT ROD END	
4	1	OH3A3-207	ASSY, THREADED STUD	
3	2	OH3A3-205	ASSY, GUIDE ROD	STL
2	1	OH3A3-203	FIXED END BASE A	PETG
1	1	OH3A3-204	FIXED END BASE B	PETG
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL

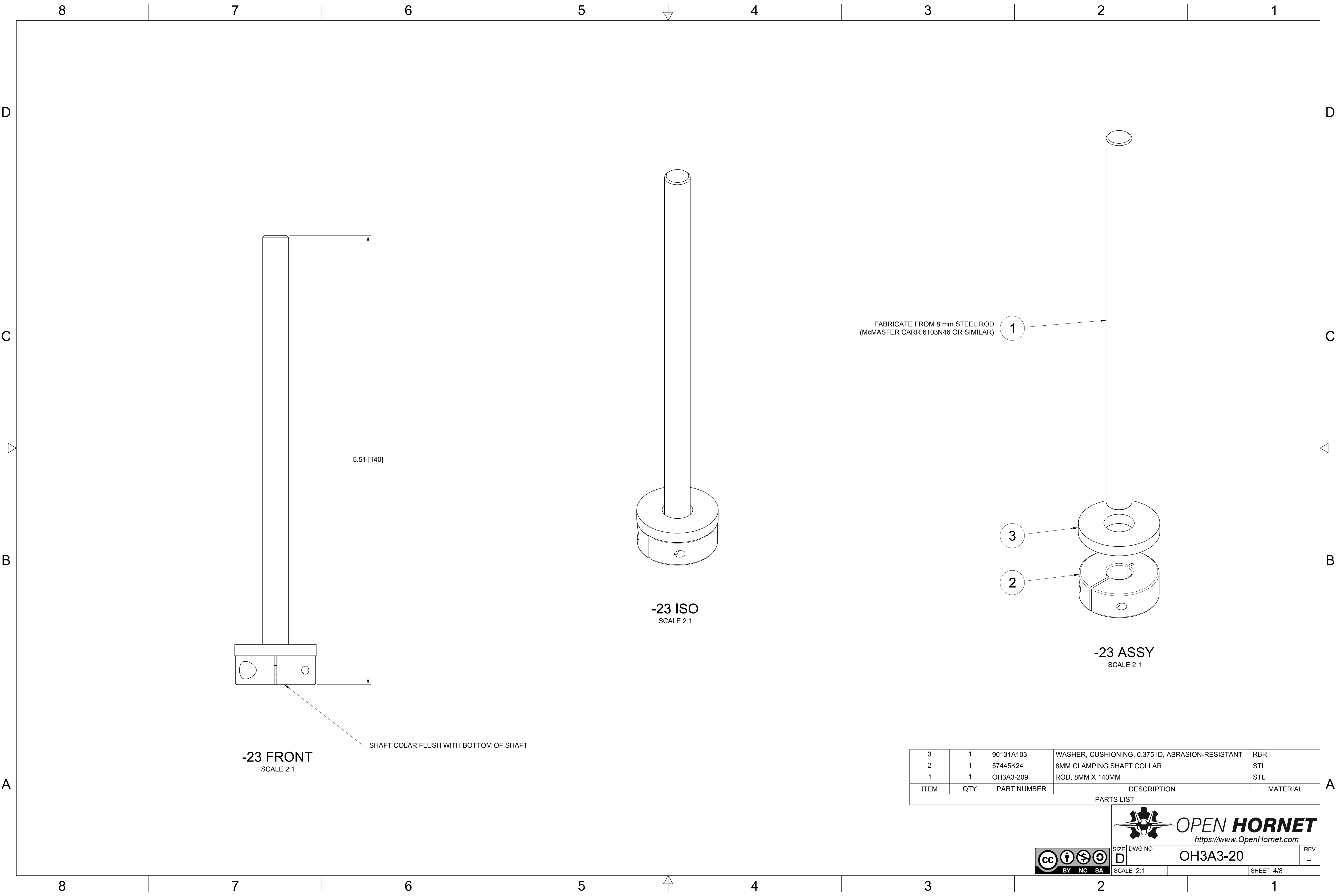
PARTS LIST

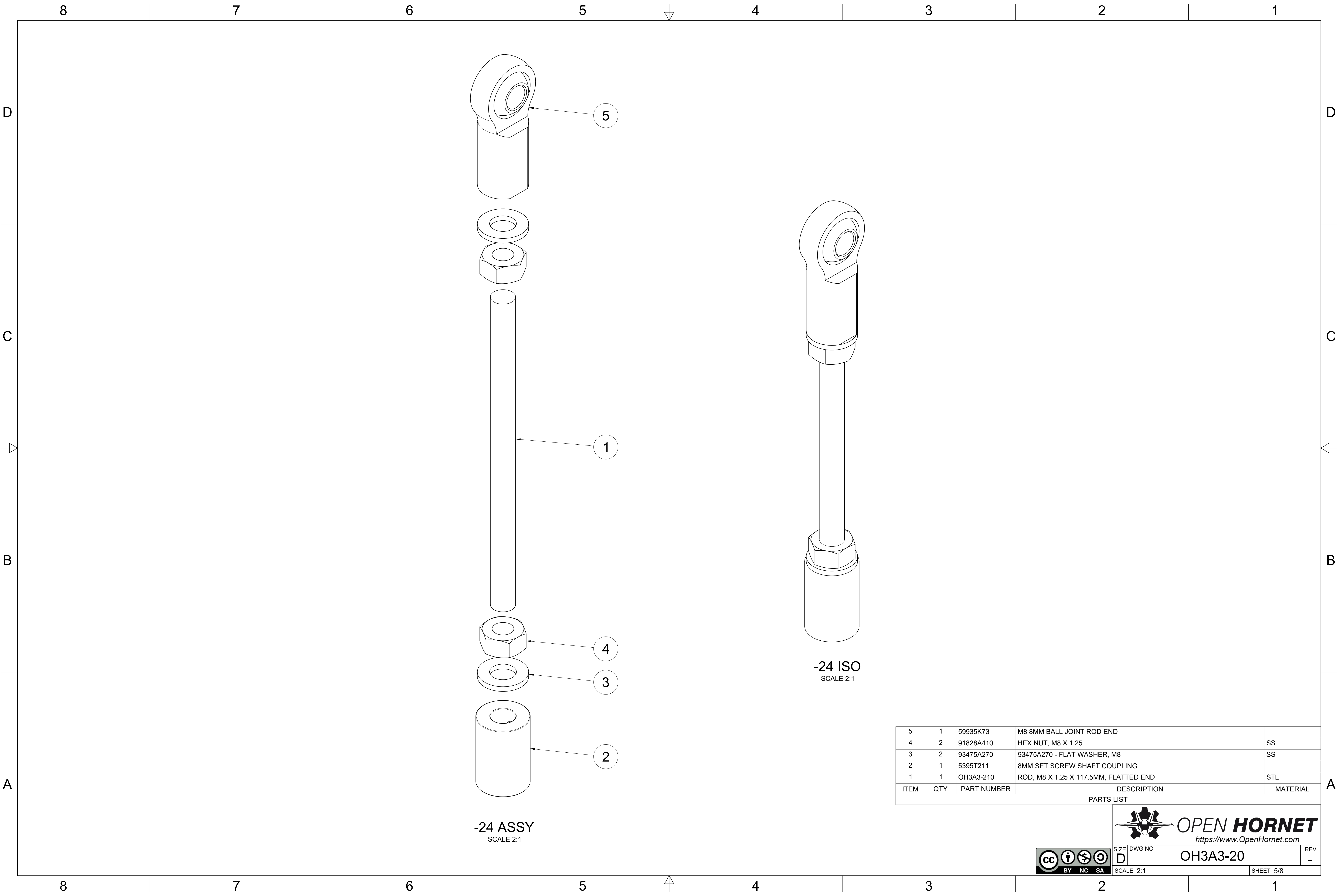




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SIZE	D	DWG NO	OH3A3-20	REV	-
SCALE 1:1				SHEET 3/8	

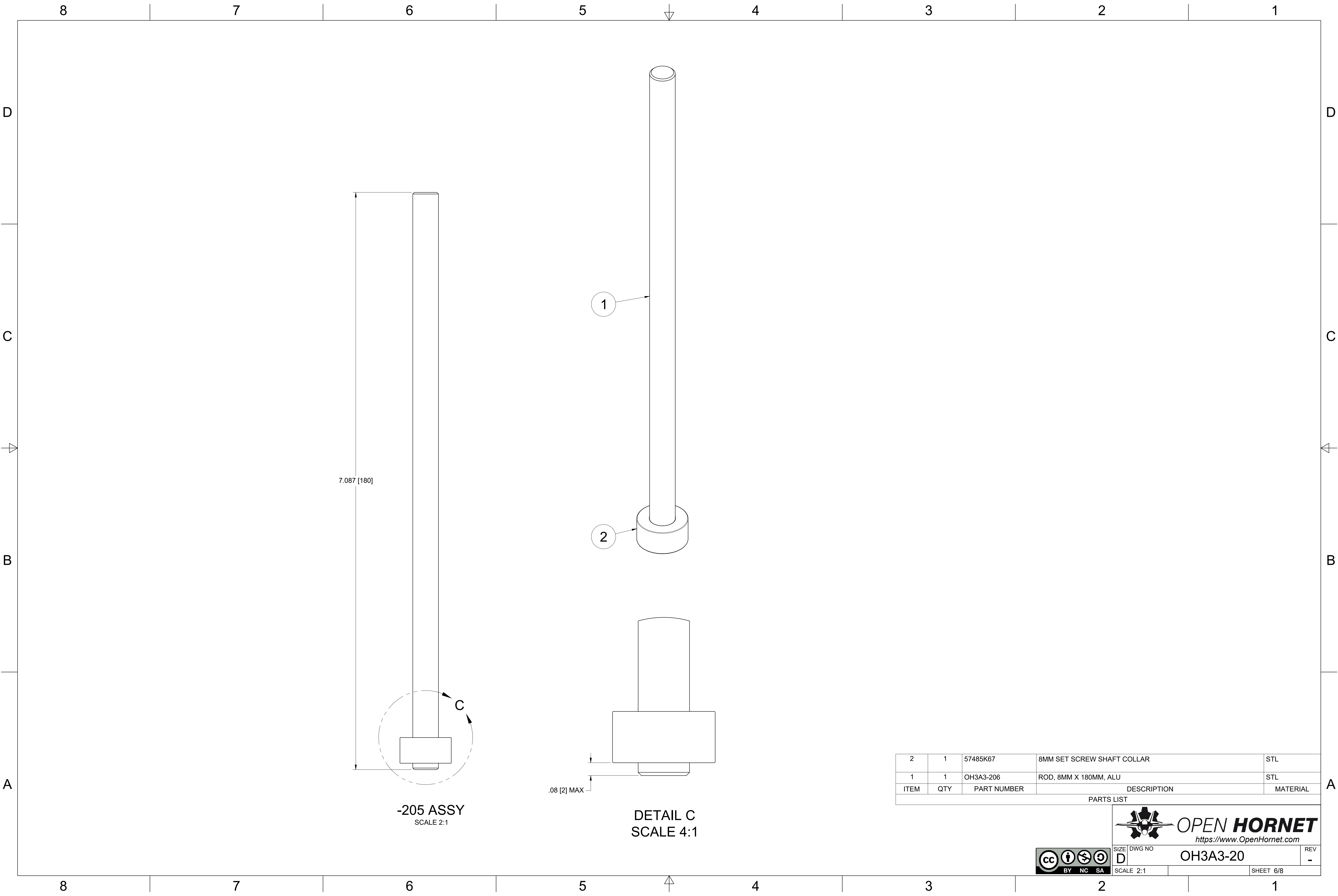




5	1	59935K73	M8 8MM BALL JOINT ROD END	
4	2	91828A410	HEX NUT, M8 X 1.25	SS
3	2	93475A270	93475A270 - FLAT WASHER, M8	SS
2	1	5395T211	8MM SET SCREW SHAFT COUPLING	
1	1	OH3A3-210	ROD, M8 X 1.25 X 117.5MM, FLATTED END	STL
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



SIZE	DWG NO	REV
D	OH3A3-20	-
SCALE 2:1		SHEET 5/8

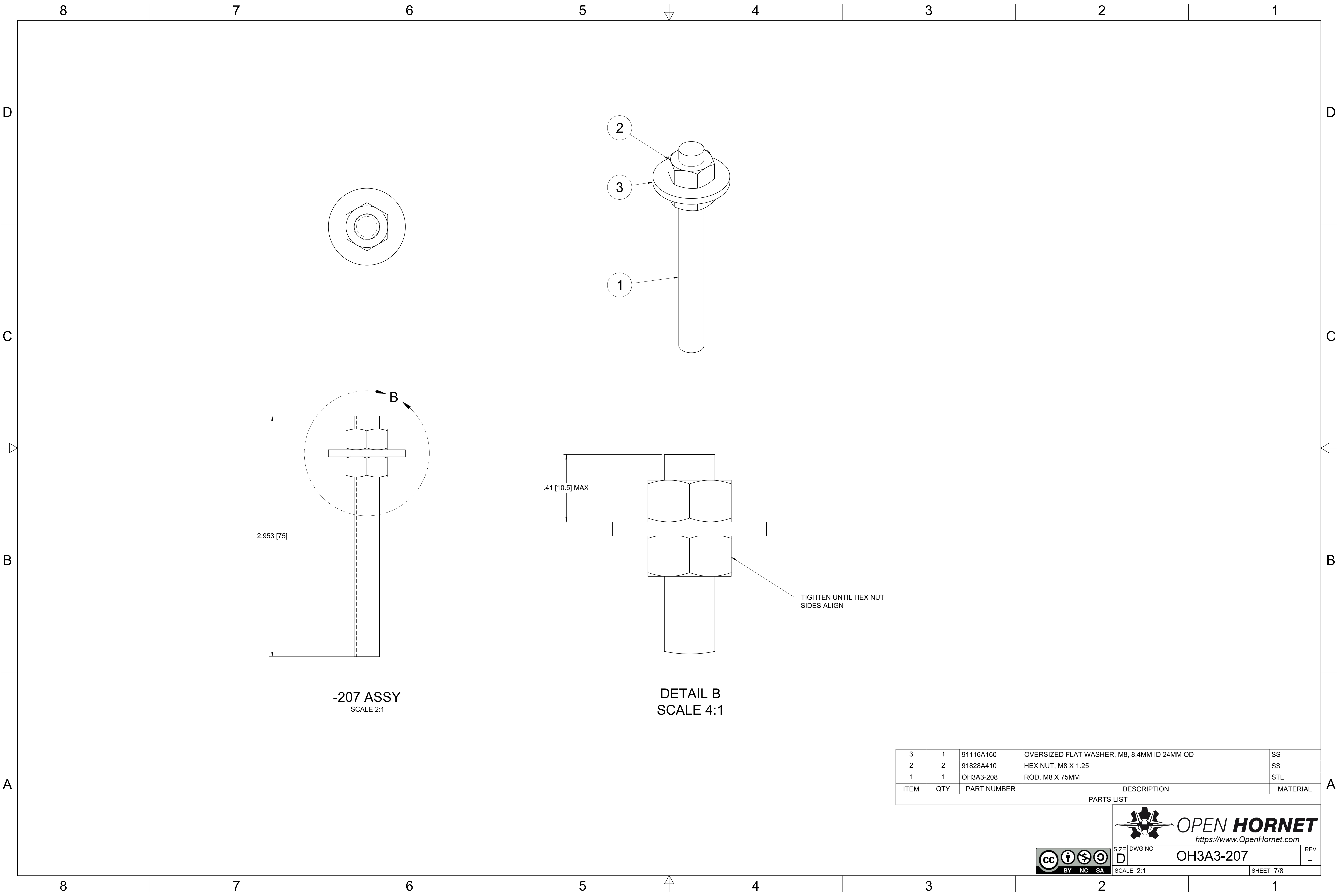


2	1	57485K67	8MM SET SCREW SHAFT COLLAR	STL
1	1	OH3A3-206	ROD, 8MM X 180MM, ALU	STL
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



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SIZE	DWG NO	REV
D	OH3A3-20	-
SCALE 2:1	SHEET 6/8	



-207 ASSY
SCALE 2:1

DETAIL B
SCALE 4:1

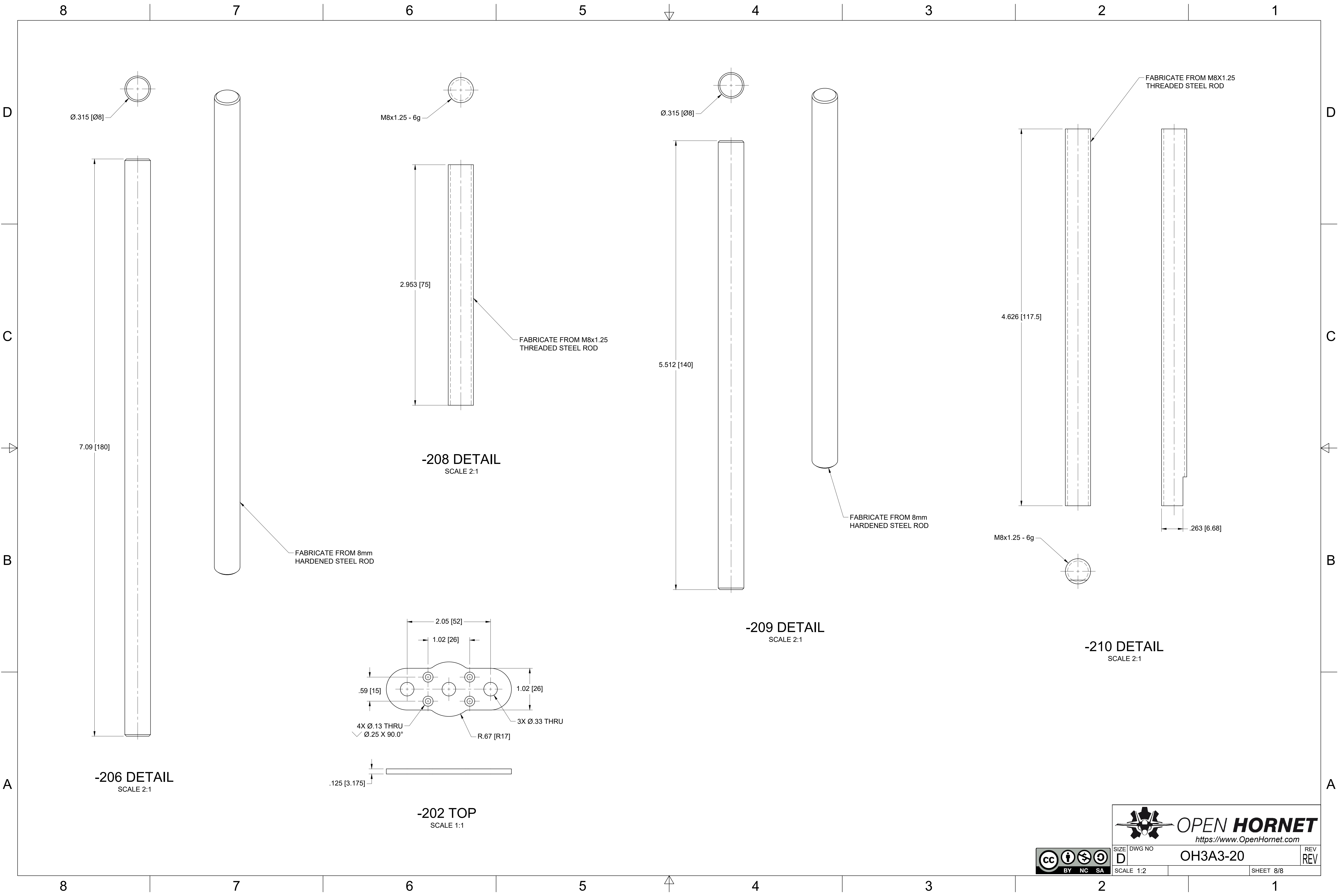
3	1	91116A160	OVERSIZED FLAT WASHER, M8, 8.4MM ID 24MM OD	SS
2	2	91828A410	HEX NUT, M8 X 1.25	SS
1	1	OH3A3-208	ROD, M8 X 75MM	STL
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				





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SIZE	DWG NO	REV
D	OH3A3-207	-
SCALE 2:1		SHEET 7/8



SIZE	DWG NO	REV
D	OH3A3-20	REV
SCALE 1:2		SHEET 8/8