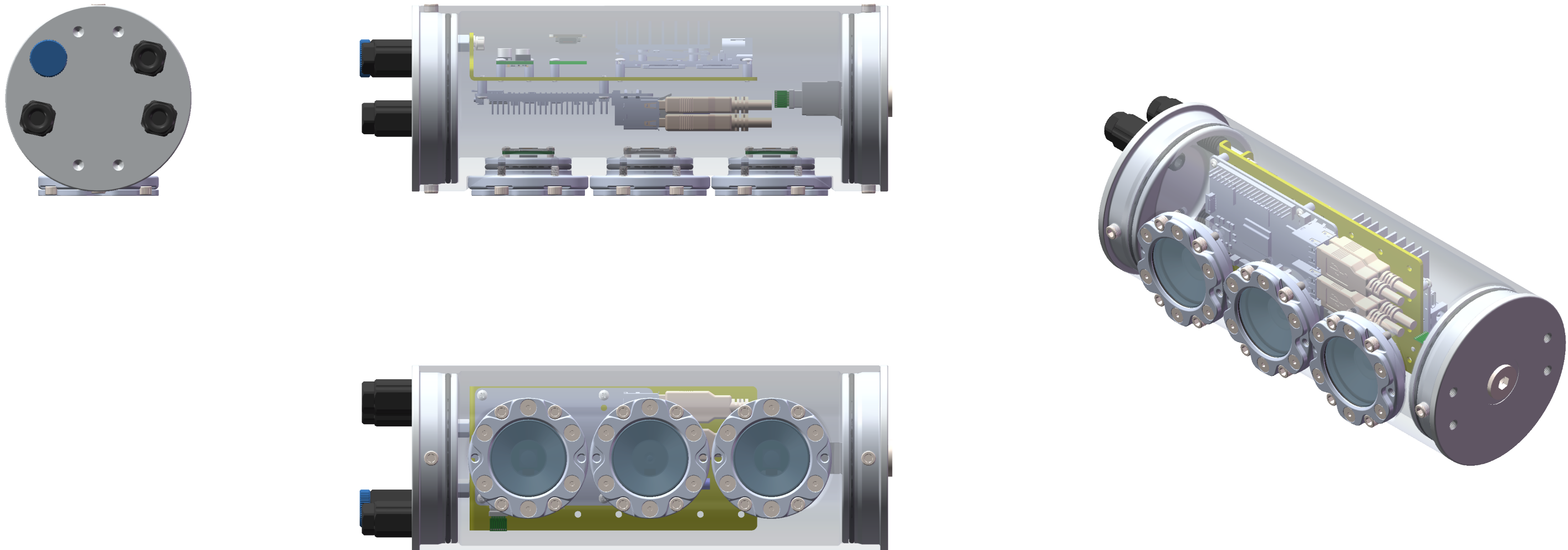
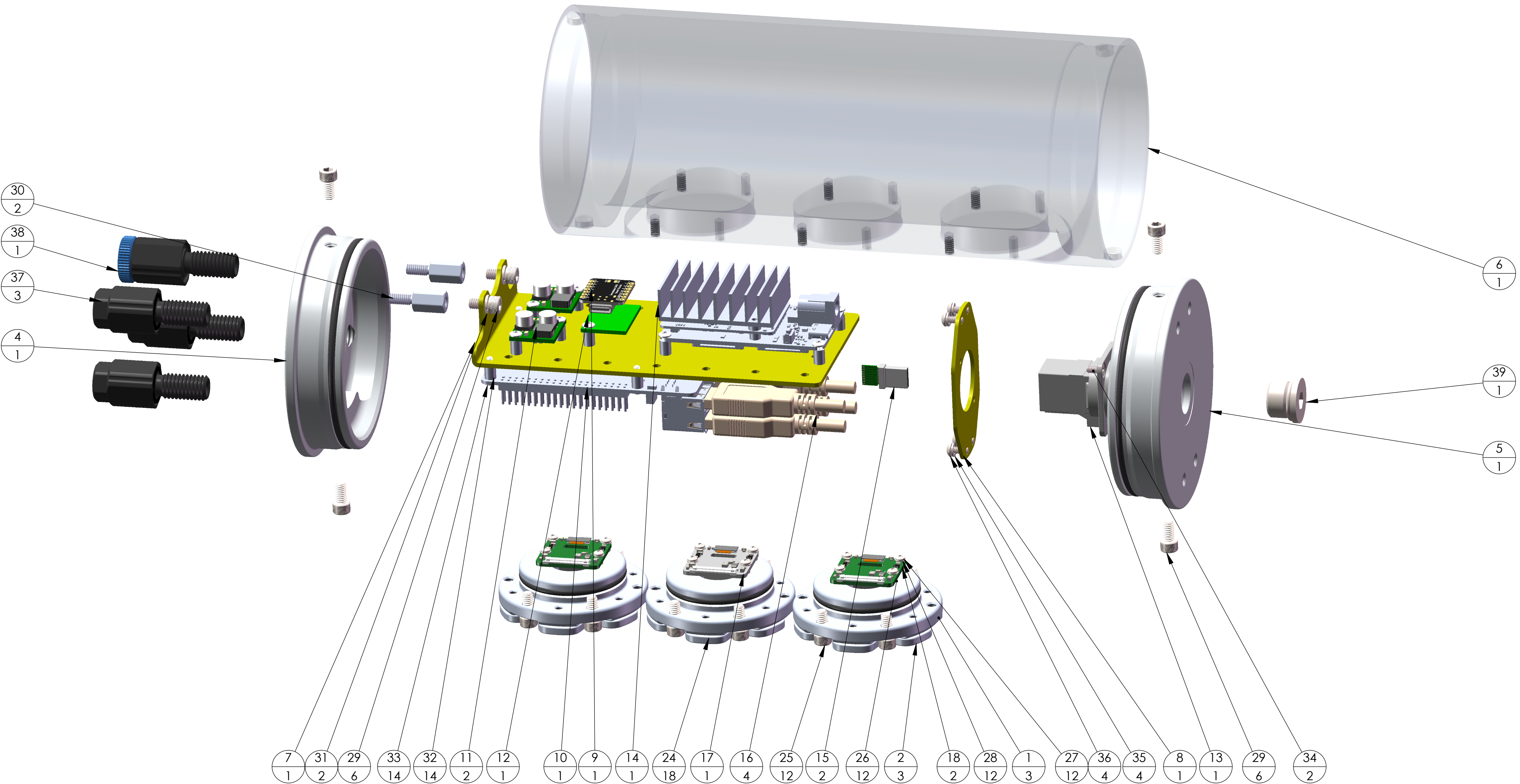
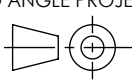


8		7		6		5		4		3		2		1	
ITEM NO.		PART NUMBER		DESCRIPTION		QTY.									
D	1	GD-MB--0006--OAK 1500 VIEWPORT HOUSING--REV-		OAK 1500 VIEWPORT HOUSING		3									
	2	GD-MB--0007--OAK 1500 BEZEL--REV-		OAK 1500 BEZEL		3									
	3	GD-MB--0008--OAK 1500 WINDOW--REV-		OAK 1500 WINDOW		3									
	4	GD-MB--0012-0013--OAK 500 ENDCAPS--REV-		OAK 1500 ENDCAPS - BULKHEADS		1									
	5	GD-MB--0012-0013--OAK 500 ENDCAPS--REV-		OAK 1500 ENDCAPS - BLANK		1									
	6	GD-MB--0014--OAK 500 HOUSING TUBE--REV-		OAK 500 HOUSING TUBE		1									
	7	GD-MB--0015--OAK 500 CHASSIS--REV-		OAK 500 CHASSIS		1									
	8	GD-MB--0016--OAK 500 USB CHASSIS--REV-		OAK 500 USB CHASSIS		1									
C	9	SEEDUINO XIAO SAMD21 v4		-		1									
	10	RASPERRY PI5		-		1									
	11	D36V28FX-STEP-DOWN-VOLTAGE-REGULATOR		-		2									
	12	ADAFRUIT HUMIDITY-TEMP--MOCKUP		-		1									
	13	CLIFF - USBC- XLR--CP30201		DIGIKEY P/N 4654-CP30201-ND		1									
	14	OAKDFFC_DD2090		-		1									
	15	KEYSTONE-PN954		-		2									
	16	USB PLUG--CABLE MOCK		GENERIC USB CABLE		4									
B	17	OAK-FFC-CAMERA MODULE MOCKUP		COLOR		1									
	18	OAK-FFC-CAMERA MODULE MOCKUP		B/W		2									
	19	ORING--2-028		BUNA-N, 70a		3									
	20	ORING--2-029		BUNA-N, 70a		3									
	21	ORING--2-127		BUNA-N, 70a		3									
	22	ORING--2-151		BUNA-N, 70a		2									
	23	56675T44		GENERIC RJ-45 CRIMP		1									
	24	90585A211		SS316 HEX SOCKET FHMS		18									
A	25	92185A192		SS316 SHCS		12									
	26	92320A283		SS18-8 UNTHREADED SPACER		12									
	27	92000A013		SS18-8 PHMS		12									
	28	92148A050		SS18-8 LW		12									
	29	92185A191		SS316 SHCS		6									
	30	93505A133		MALE-FEMALE HEX STANDOFF		2									
	31	92146A545		SS18-8 LW		2									
	32	93657A208		NYLON UNTHREADED SPACER		14									
	33	96367A101		PEEK PHMS		14									
	34	91099A155		SS18-8 FHMS		2									
	35	92146A530		SS18-8 LW		4									
	36	91772A106		SS18-8 PHMS		4									
	37	WLP-M10-6.5MM-R1		BLUE ROBOTICS, M10 CABLE GLAND PENETRATOR		3									
	38	VENT-M10-R1-RP		BLUE ROBOTICS, M10 VENT GLAND PENETRATOR		1									
	39	SS-6-HPST--SWAGELOK		#6 SAE FITTING - SOURCE ANODIZED ALUMINUM IF AVAILABLE		1									



- NOTES:
- MATERIAL: SEE BOM
 - O-RINGS AND SEALING SURFACES MUST BE CLEAN AND FREE OF DEBRIS. APPLY LIGHT COATING OF DOW-CORNING #4 SILICONE GREASE TO O-RINGS.
 - APPLY MARINE GREASE (e.g., AQUASHIELD) TO ITEM 26 TO INHIBIT GALVANIC CORROSION BETWEEN DISSIMILAR METALS.
 - ITEM 3 IS CAST ACRYLIC. TAKE CARE NOT TO SCRATCH OR DAMAGE.
 - ALL ELECTRONICS MOUNTED TO CHASSIS (ITEM 7) MUST BE ELECTRICALLY ISOLATED BY MOUNTING WITH NYLON UNTHREADED SPACERS (ITEM 32) AND PEEK SCREWS (ITEM 33)
 - ITEM 39 PART NUMBER REFERS TO SWAGELOK STAINLESS STEEL #6 SAE FITTING. ANODIZED ALUMINUM WOULD BE PREFERRED TO MINIMIZE GALVANIC CORROSION. e.g., WWW.ZEROLEAK.COM, P/N 22S-A06.

APPROVAL		DATE	PROPRIETARY AND CONFIDENTIAL			
DESIGN		T.GREGORY	2024-05			
DRAWING		T.GREGORY	2024-08-03			
CHECKED			UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES.			
THIRD ANGLE PROJECTION			TOLERANCES:		SIZE D DWG. DIM. GD-MB-0011	
		FRACTIONAL: 1/16		DOWEL		SHEET 1 OF 1
		ANGULAR: MATCH ±0.5°		1:1		
		ONE PLACE DECIMAL: ±0.1		-		
		TWO PLACE DECIMAL: ±0.01				
		THREE PLACE DECIMAL: ±0.005				

COMPUTER FILE NAME	
GD-MB-0011--OAK 500 HOUSING ASSY-REV-	GD-MB-0011--OAK 500 HOUSING ASSY-REV-
DRAWING MODEL	
GD-MB-0011--OAK 500 HOUSING ASSY-REV-	GD-MB-0011--OAK 500 HOUSING ASSY-REV-