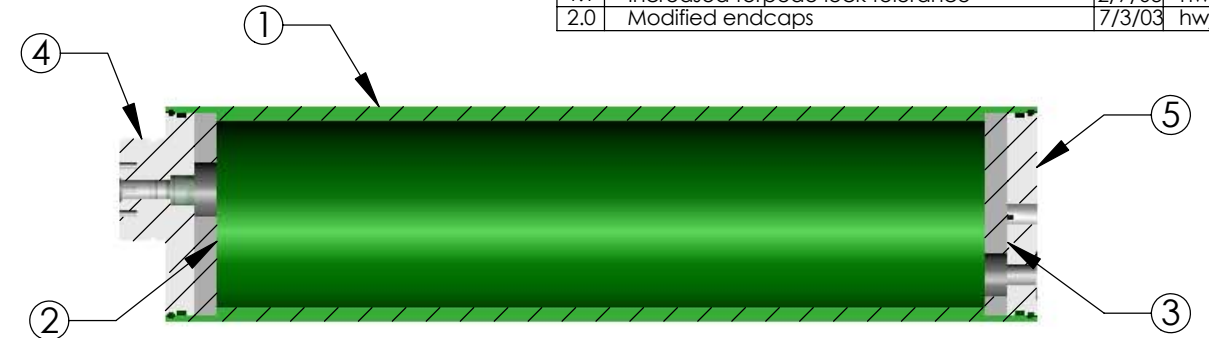
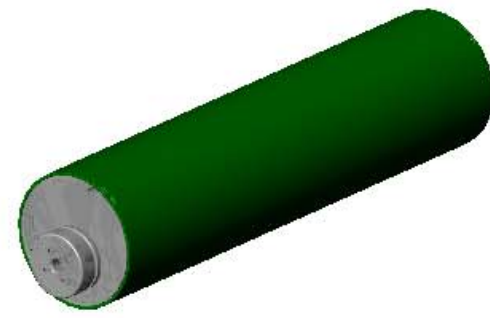
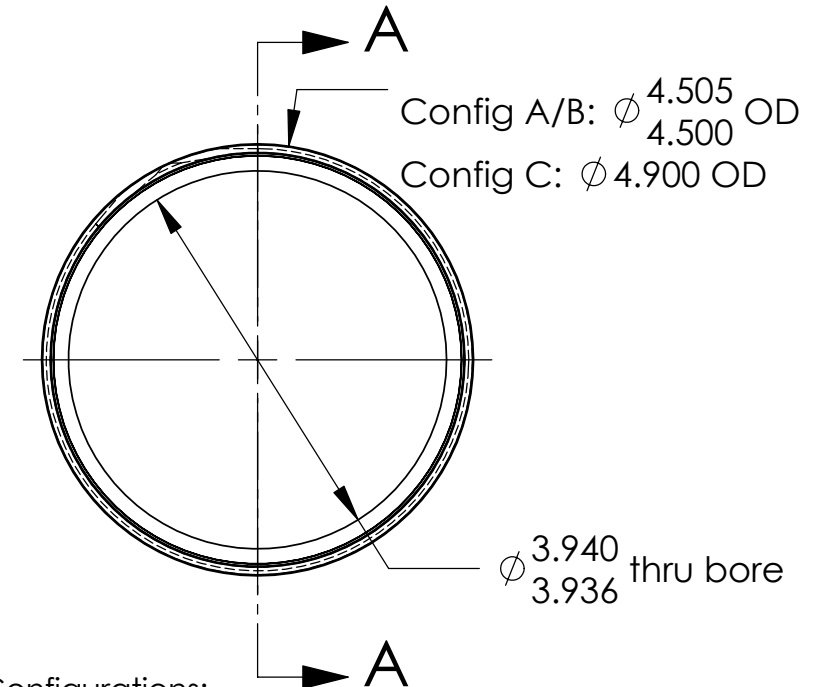
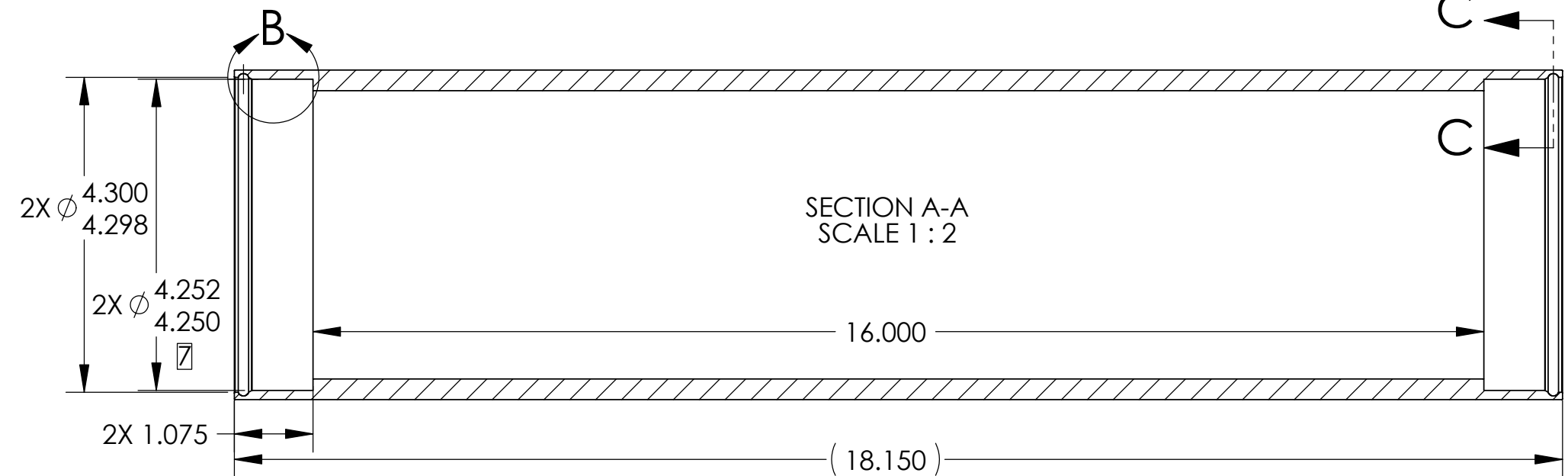


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1.0	INITIAL RELEASE		hwj
1.1	Increased torpedo lock tolerance	2/7/03	hwj
2.0	Modified endcaps	7/3/03	hwj



ASSEMBLY with SECTION

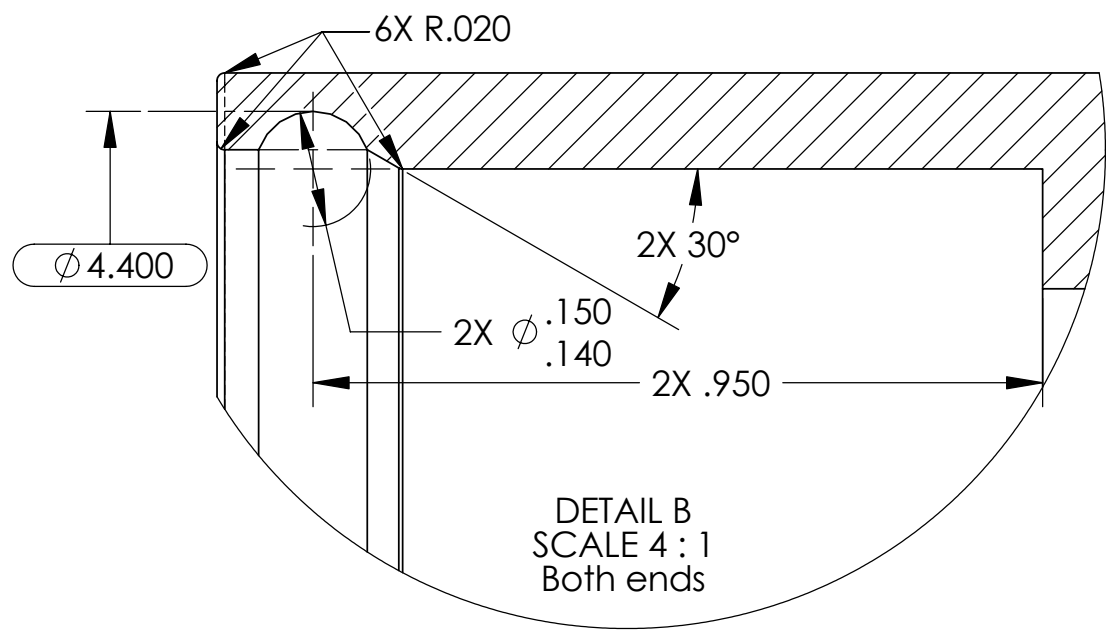


Configurations: 

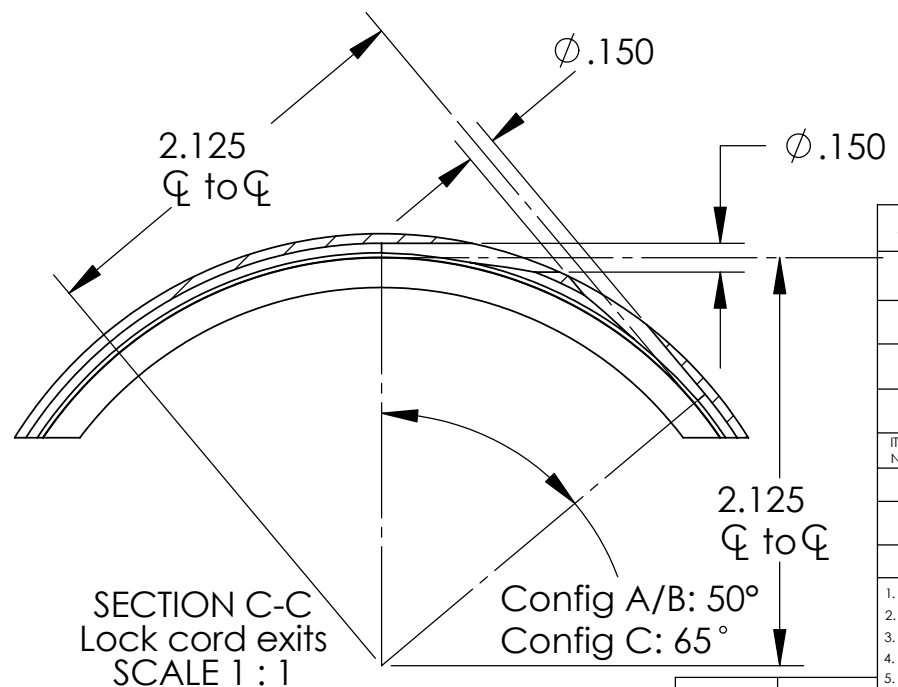
- A: 1000m AUV housing (Al hsg, Ti endcaps)
- B: 350m Mooring housing (Al hsg, Al endcaps)
- C: Plastic housing (PVC hsg, Al endcaps)

Additionally, specify (see page 3):

- D: One connector on right endcap
- E: Two connectors on right endcap



DETAIL B
SCALE 4 : 1
Both ends



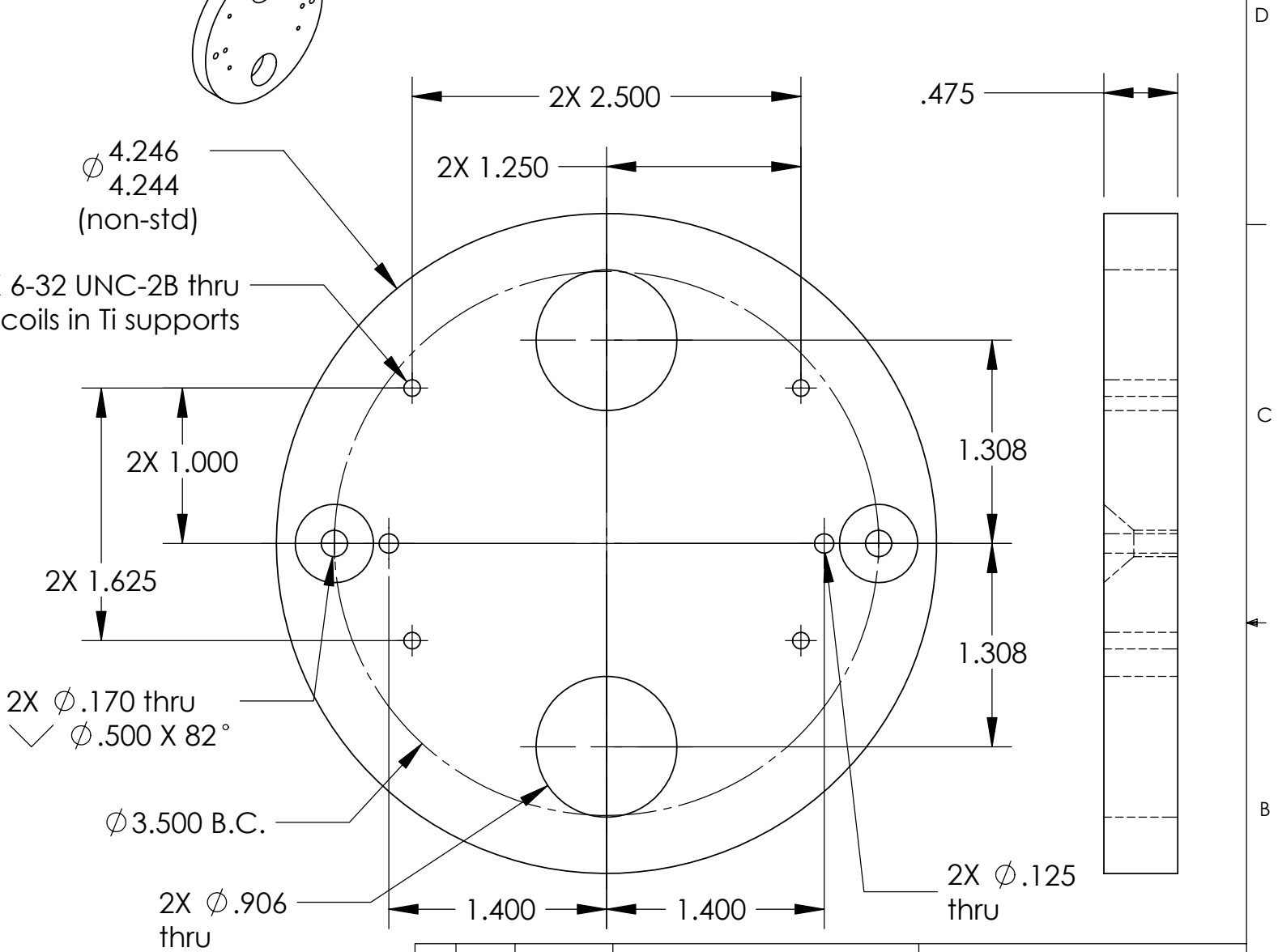
SECTION C-C
Lock cord exits
SCALE 1 : 1

5	1@		Connector endcap	Black Delrin
4	1@		Sensor endcap	Black Delrin
3	1@		Connector support	Config A: Ti 6AL-4V Config B/C: Al 6061-T6 hard anodized
2	1@		Sensor support	Config A: Ti 6AL-4V Config B/C: Al 6061-T6 hard anodized
1	1@		Housing	Config A/B: Al 6061-T6 hard anodized Config C: Gray PVC
ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION

BILL OF MATERIALS									
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: 1 PLACE DIM ±1/16 2 PLACE DIM ±.02 3 PLACE DIM ±.005 ANGLES ±1° 1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				APPROVALS		DATE		Monterey Bay Aquarium Research Institute 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700 ISUS Housing SIZE B DWG. NO. 1002026 (123jaha.DWG) REV 2.0	
				DRAWN Hans Jannasch		04/30/02			
				ENGINEER					
				CHECKED Jon Erickson		05/9/02			
				PROJECT NO.		600144			
				PROJECT Chemical Sensors					
DO NOT SCALE DRAWING				WEIGHT		SCALE		CAD FILE: TORNADO/CHEM/SWFILES SHEET 1 OF 3	

Note 7: Use -242 Orings
Note 8: Use 1/8" Polypro cord

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1.0	INITIAL RELEASE		hwj
1.1	Increased torpedo lock tolerance	2/7/03	hwj
2.0	Modified endcaps	7/3/03	hwj



5	1@		Connector endcap	Black Delrin
4	1@		Sensor endcap	Black Delrin
3	1@		Connector support	Config A: Ti 6AL-4V Config B/C: Al 6061-T6 hard annodized
2	1@		Sensor support	Config A: Ti 6AL-4V Config B/C: Al 6061-T6 hard annodized
1	1@		Housing	Config A/B: Al 6061-T6 hard annodized Config C: Gray PVC
ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute			
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Jannasch		04/30/02		7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700			
1. DIMENSIONS ARE IN INCHES				ENGINEER							
2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED							
3. REMOVE BURRS AND SHARP EDGES .015 MAX.				Jon Erickson 05/9/02							
4. MACHINED FILLET RADII .0150-.030.				PROJECT NO.							
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				600144		ISUS Housing					
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX. .012 INCHES FOR SINGLE SURFACE.				PROJECT Chemical Sensors							
DO NOT SCALE DRAWING				WEIGHT		SIZE B	DWG. NO. 1002026 (123jaha.DWG)	REV. 2.0			
SCALE						CAD FILE: TORNADO/CHEM/SWFILES SHEET 2 OF 3					

