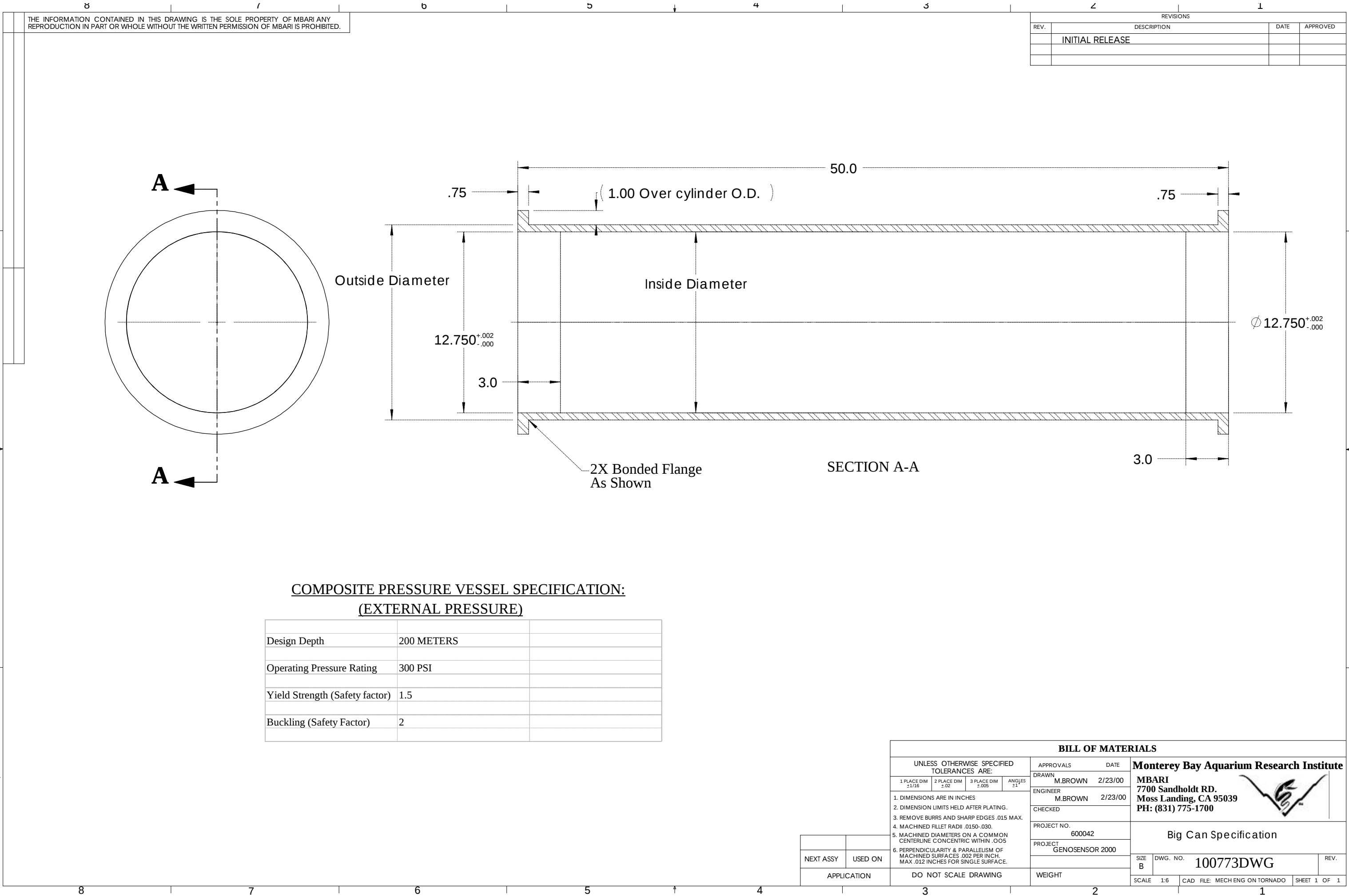




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

COMPOSITE PRESSURE VESSEL SPECIFICATION:
(EXTERNAL PRESSURE)

Design Depth	200 METERS	
Operating Pressure Rating	300 PSI	
Yield Strength (Safety factor)	1.5	
Buckling (Safety Factor)	2	

BILL OF MATERIALS									
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 			
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	M.BROWN 2/23/00				
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.				ENGINEER	M.BROWN 2/23/00				
				CHECKED					
				PROJECT NO.	600042	Big Can Specification			
				PROJECT	GENOSENSOR 2000				
				WEIGHT		SIZE B	DWG. NO.	100773DWG	REV.
						SCALE	1:6	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1