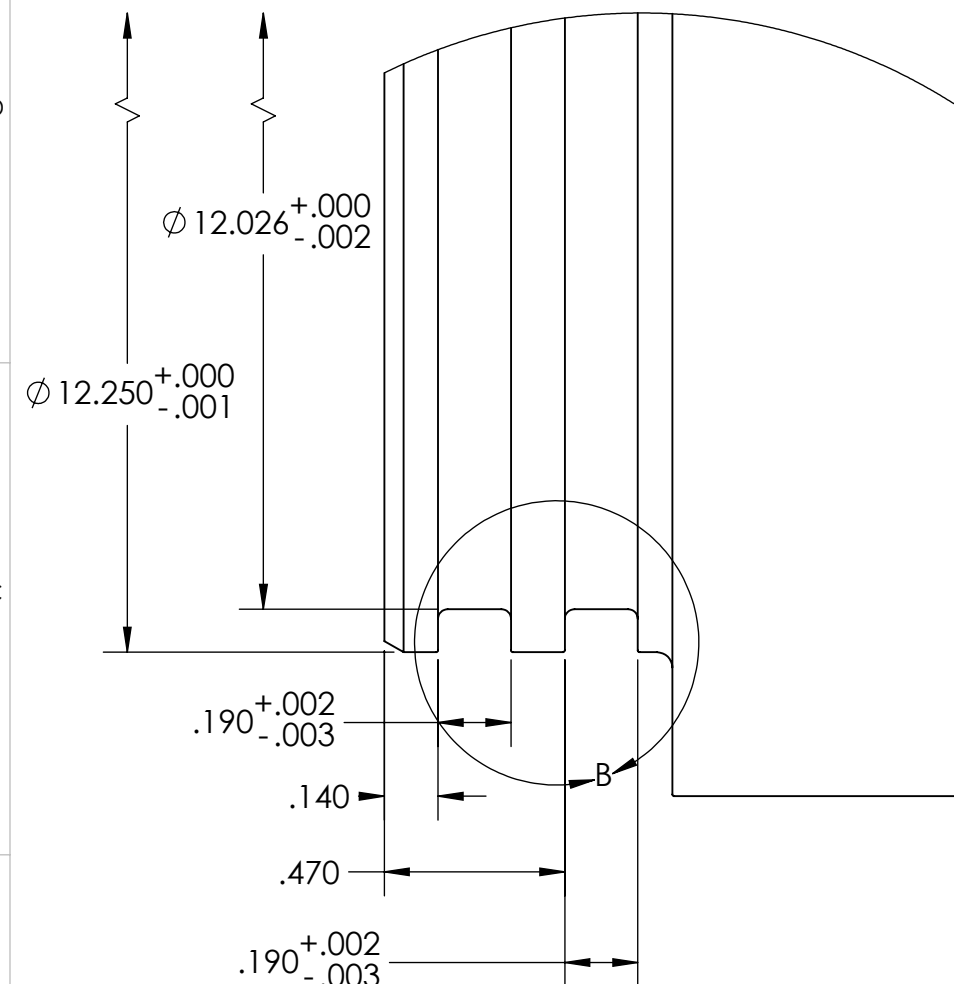
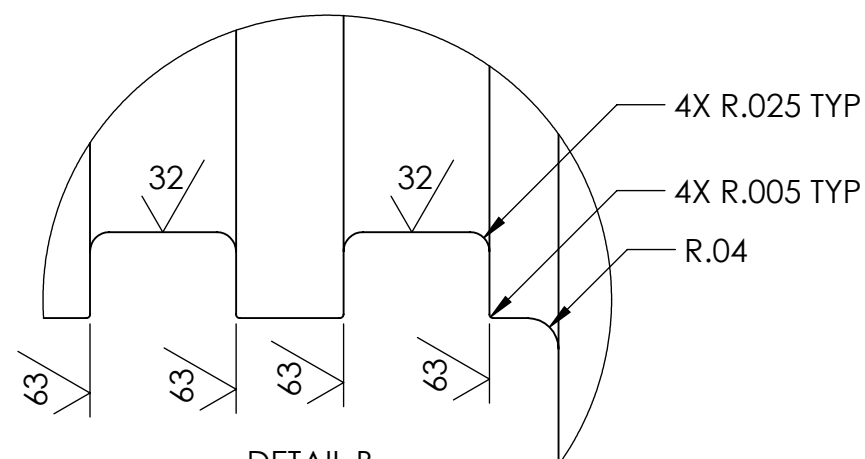


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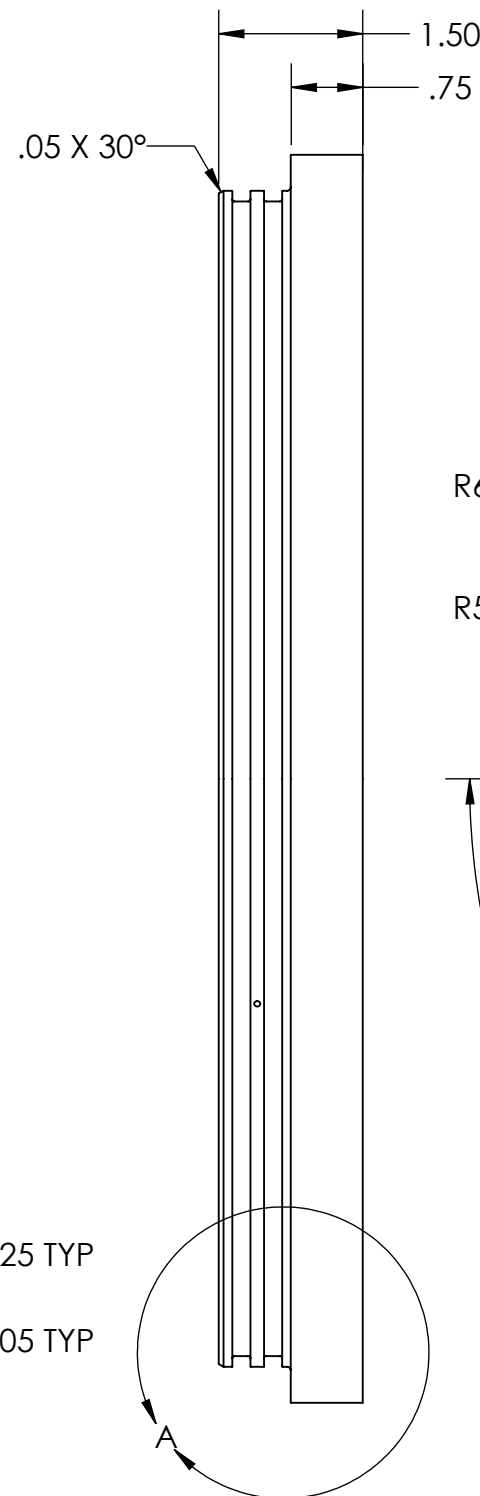
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	B	ADDED VACUUM TEST PORT & UPDATED DRAWING FORMAT	10/06/2026	EN
	*	FIXED SAE #4 VENT PORT SPECIFICATION	10/12/2026	



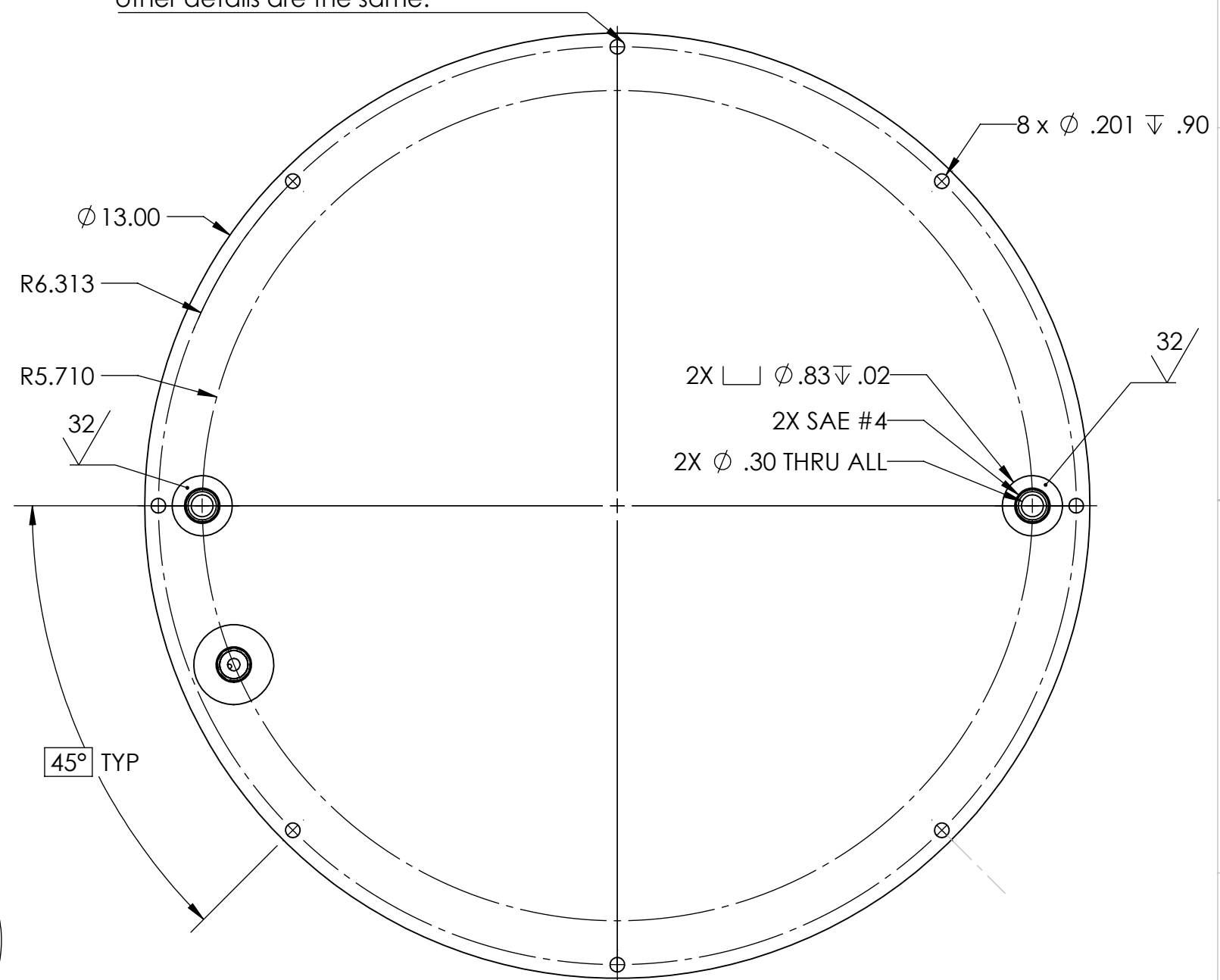
DETAIL A
SCALE 2 : 1
"O" ring = 2-278



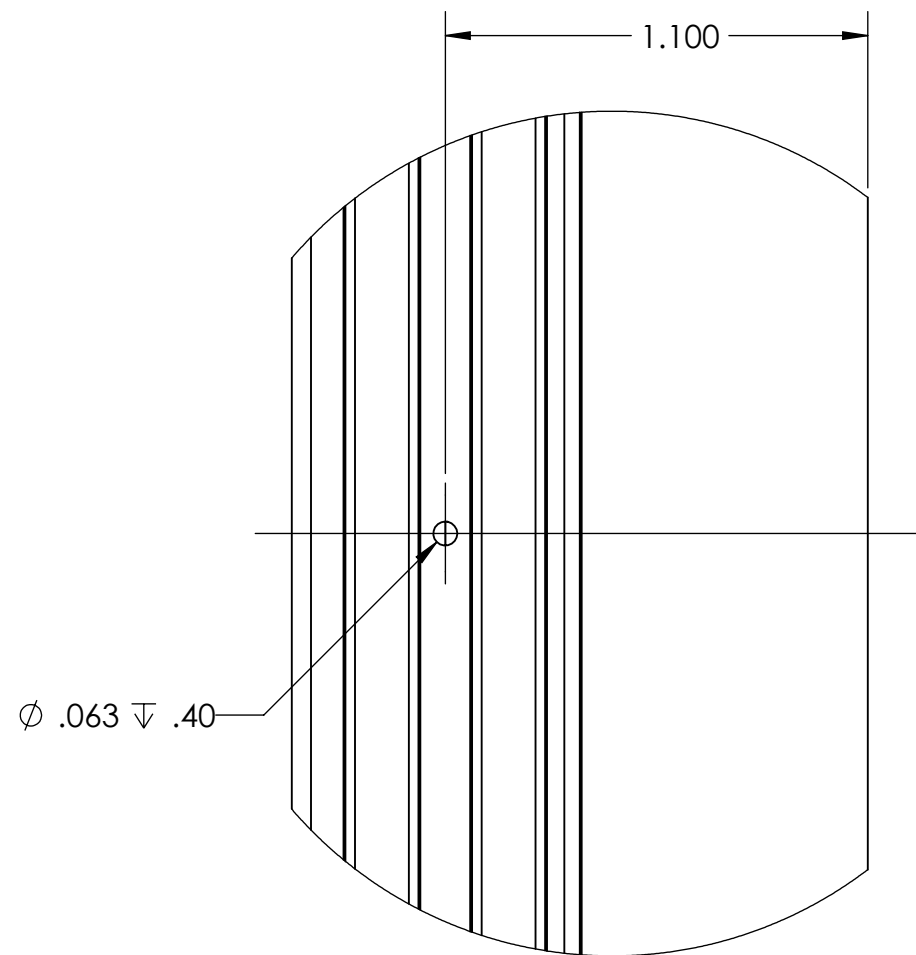
DETAIL B
SCALE 4 : 1



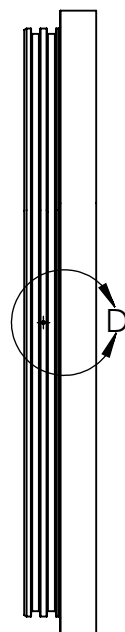
The penetrator version of this part skips instance 3 of the circular pattern else all other details are the same.



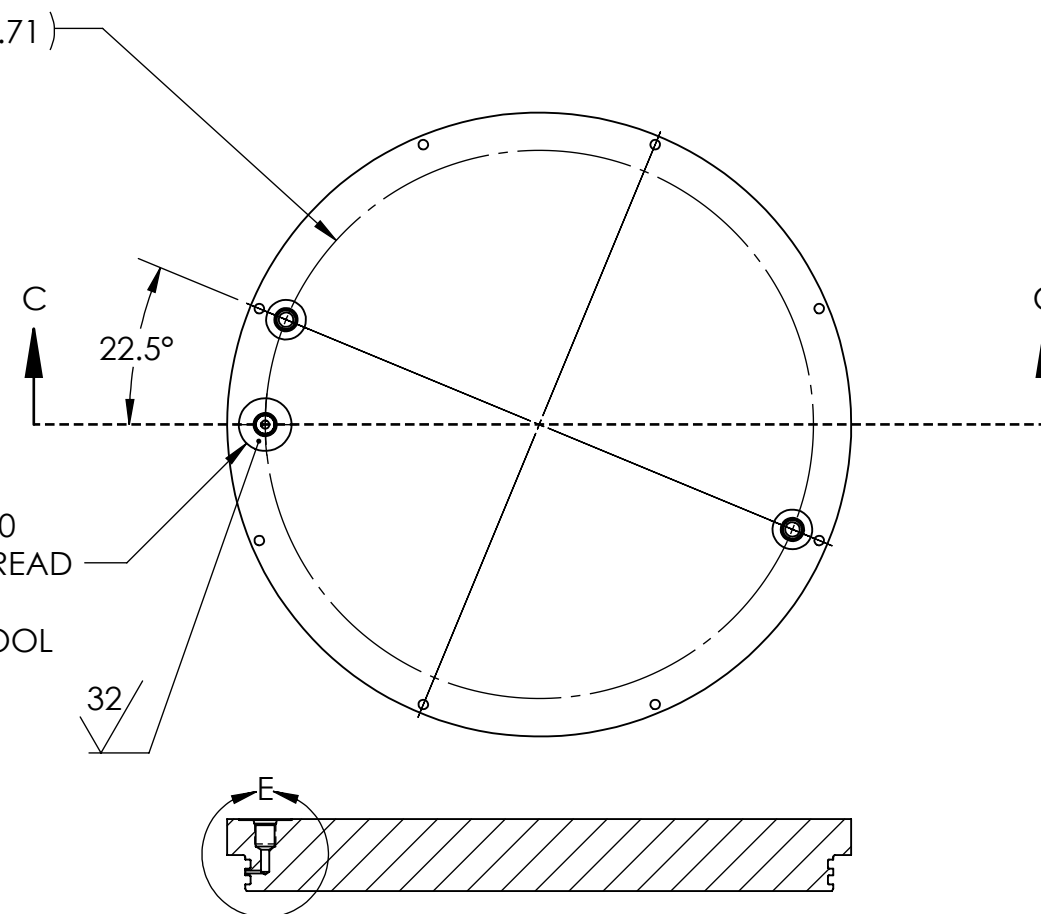
UNLESS OTHERWISE SPECIFIED				APPROVALS		DATE		MONTEREY BAY AQUARIUM RESEARCH INSTITUTE						
1 PLACE DIM ±.1/16		2 PLACE DIM ±.02		3 PLACE DIM ±.005		ANGLES ±1°		DRAWN: ENOCH NICHOLSON 09/14/2026		MBARI 7700 SANDHOLDT RD. MOSS LANDING, CA 95039 PH: (831) 775-1700				
- DIMENSIONS ARE IN INCHES. - DIMENSION LINES HELD AFTER PLATING. - REMOVE BURRS AND SHARP EDGES .015 MAX. - MACHINED FILLET RADII .015-.030. - Φ .005 FOR MACHINED DIAMETERS SHARING A C. - $\perp$ & $\parallel$ OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE. - $\sqrt{R}$ ON MACHINED SURFACES - $\sqrt{D}$ ON DRILLED HOLES								CHECKED:						
								PROJECT:						
DO NOT SCALE DRAWING								MATERIAL:		MVC ENDCAP				
								VOLUME:						
								WEIGHT:						
								SIZE B		DWG. NO. 100222902		REV. B01		
								SCALE 1:5		SHEET 1 OF 2				



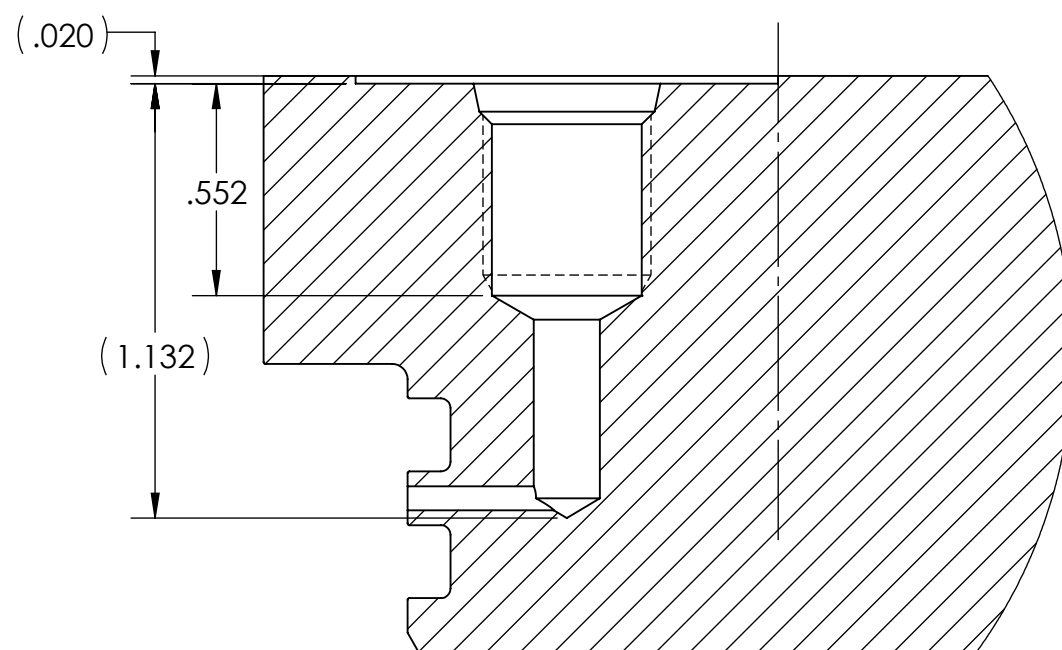
DETAIL D
SCALE 2 : 1



$\varnothing .172 \nabla 1.100$
 $\sqcup \varnothing 1.100 \nabla .020$
 SAE #4 $\nabla .454$ MIN THREAD
 USE SAE J1926
 COMPLIANT FORM TOOL



SECTION C-C
SCALE 1 : 4



DETAIL E
SCALE 2 : 1

UNLESS OTHERWISE SPECIFIED				APPROVALS		DATE		MONTEREY BAY AQUARIUM RESEARCH INSTITUTE							
1 PLACE DIM ±.016		2 PLACE DIM ±.002		3 PLACE DIM ±.005		ANGLES ±1°		DRAWN: ENOCH NICHOLSON 09/14/2026							
- DIMENSIONS ARE IN INCHES. - DIMENSION LIMITS HELD AFTER PLATING. - REMOVE BURRS AND SHARP EDGES .015 MAX. - MACHINED FILLET RADII .015-.030. - $\Phi .005$ FOR MACHINED DIAMETERS SHARING A C. - $\perp$ & $\parallel$ OF MACHINED SURFACES .002 PER INCH. MAX. .012 INCHES FOR SINGLE SURFACE. - $\sqrt{R}$ ON MACHINED SURFACES - $\sqrt{D}$ ON DRILLED HOLES								CHECKED:				MBARI 7700 SANDHOLDT RD. MOSS LANDING, CA 95039 PH: (831) 775-1700			
								PROJECT:				MVC ENDCAP			
								MATERIAL:							
								VOLUME:							
WEIGHT:								SIZE B		DWG. NO. 100222902		REV. BC			
DO NOT SCALE DRAWING								SCALE 1:5				SHEET 2 OF 2			