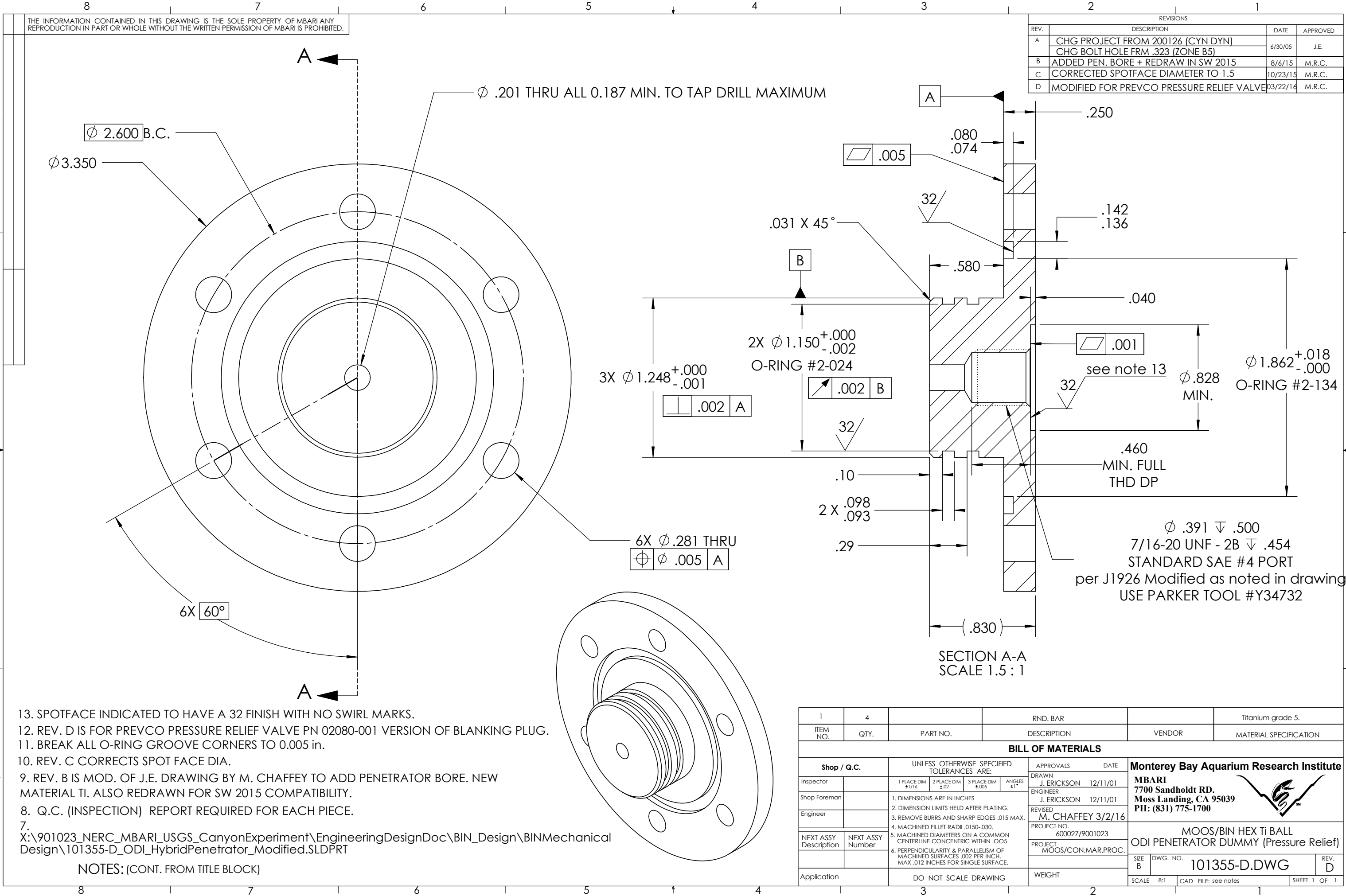




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	CHG PROJECT FROM 200126 (CYN DYN)	6/30/05	J.E.
	CHG BOLT HOLE FRM .323 (ZONE B5)		
B	ADDED PEN. BORE + REDRAW IN SW 2015	8/6/15	M.R.C.
C	CORRECTED SPOTFACE DIAMETER TO 1.5	10/23/15	M.R.C.
D	MODIFIED FOR PREVCO PRESSURE RELIEF VALVE	03/22/16	M.R.C.

13. SPOTFACE INDICATED TO HAVE A 32 FINISH WITH NO SWIRL MARKS.
12. REV. D IS FOR PREVCO PRESSURE RELIEF VALVE PN 02080-001 VERSION OF BLANKING PLUG.
11. BREAK ALL O-RING GROOVE CORNERS TO 0.005 in.
10. REV. C CORRECTS SPOT FACE DIA.
9. REV. B IS MOD. OF J.E. DRAWING BY M. CHAFFEY TO ADD PENETRATOR BORE. NEW MATERIAL TI. ALSO REDRAWN FOR SW 2015 COMPATIBILITY.
8. Q.C. (INSPECTION) REPORT REQUIRED FOR EACH PIECE.
7.
X:\901023_NERC_MBARI_USGS_CanyonExperiment\EngineeringDesignDoc\BIN_Design\BINMechanical Design\101355-D_ODI_HybridPenetrator_Modified.SLDPRT

NOTES: (CONT. FROM TITLE BLOCK)

1	4		RND. BAR		Titanium grade 5.
ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON	12/11/01
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON	12/11/01
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		REVISED M. CHAFFEY	3/2/16
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO.	600027/9001023
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT	MOOS/CON.MAR.PROC.
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		SIZE B	DWG. NO. 101355-D.DWG
Application		DO NOT SCALE DRAWING		WEIGHT	REV. D
				SCALE 8:1	CAD FILE: see notes
				SHEET 1 OF 1	

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MOOS/BIN HEX Ti BALL
ODI PENETRATOR DUMMY (Pressure Relief)