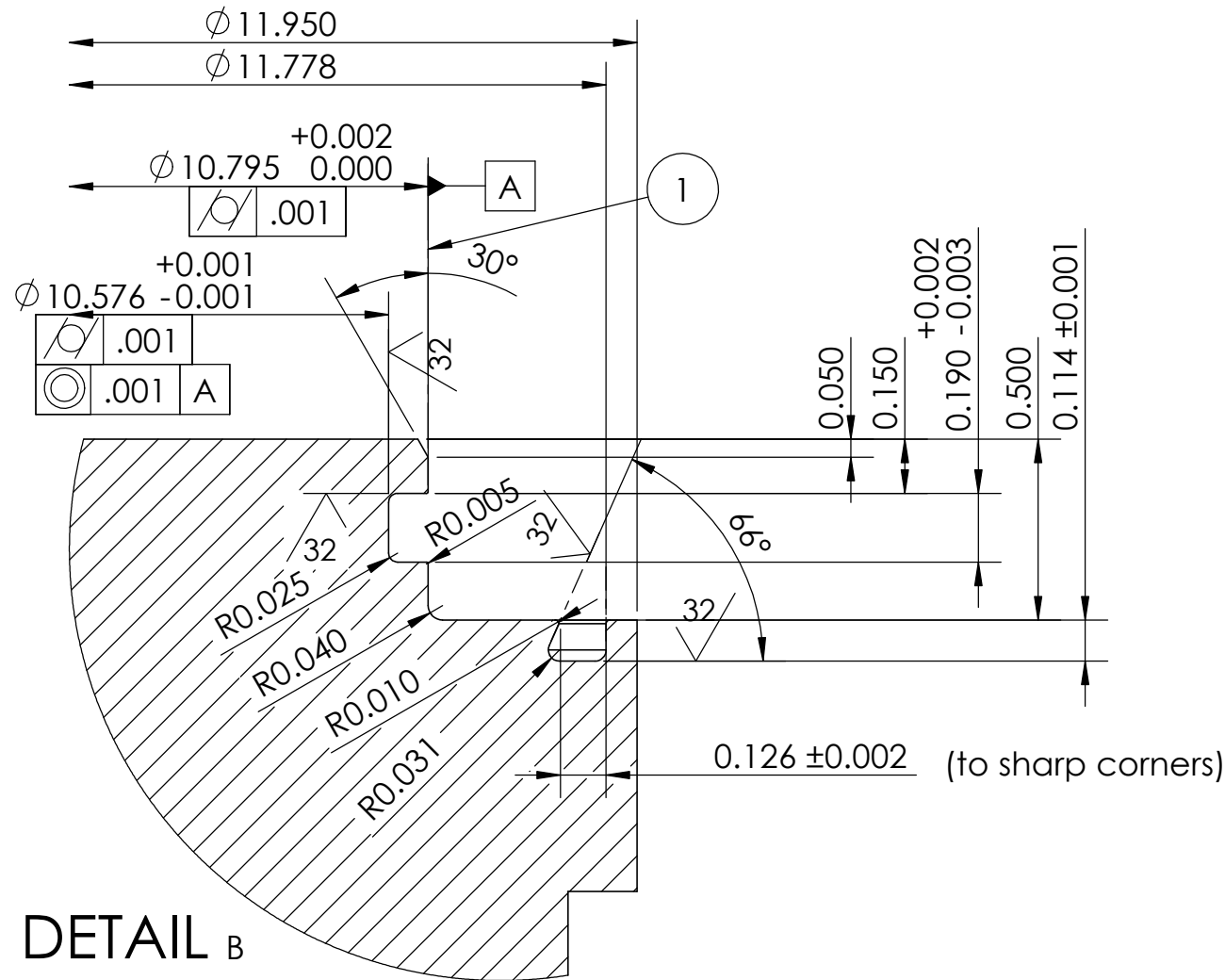
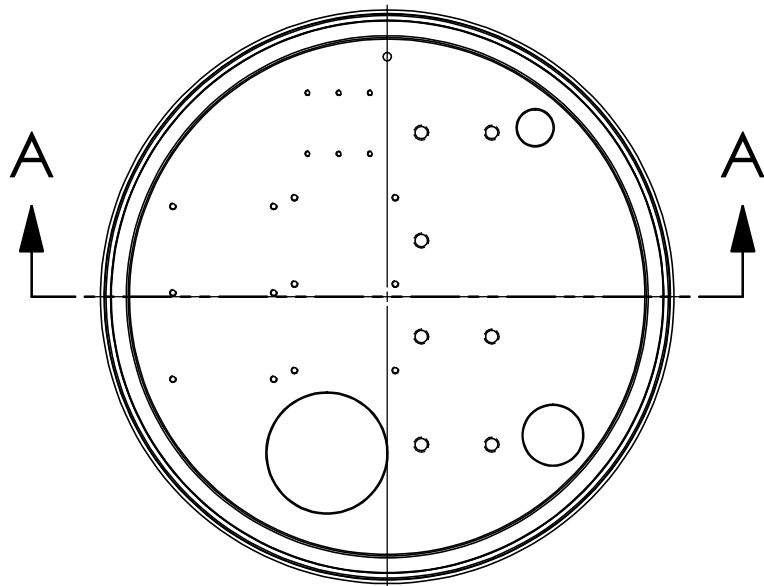


SECTION A-A



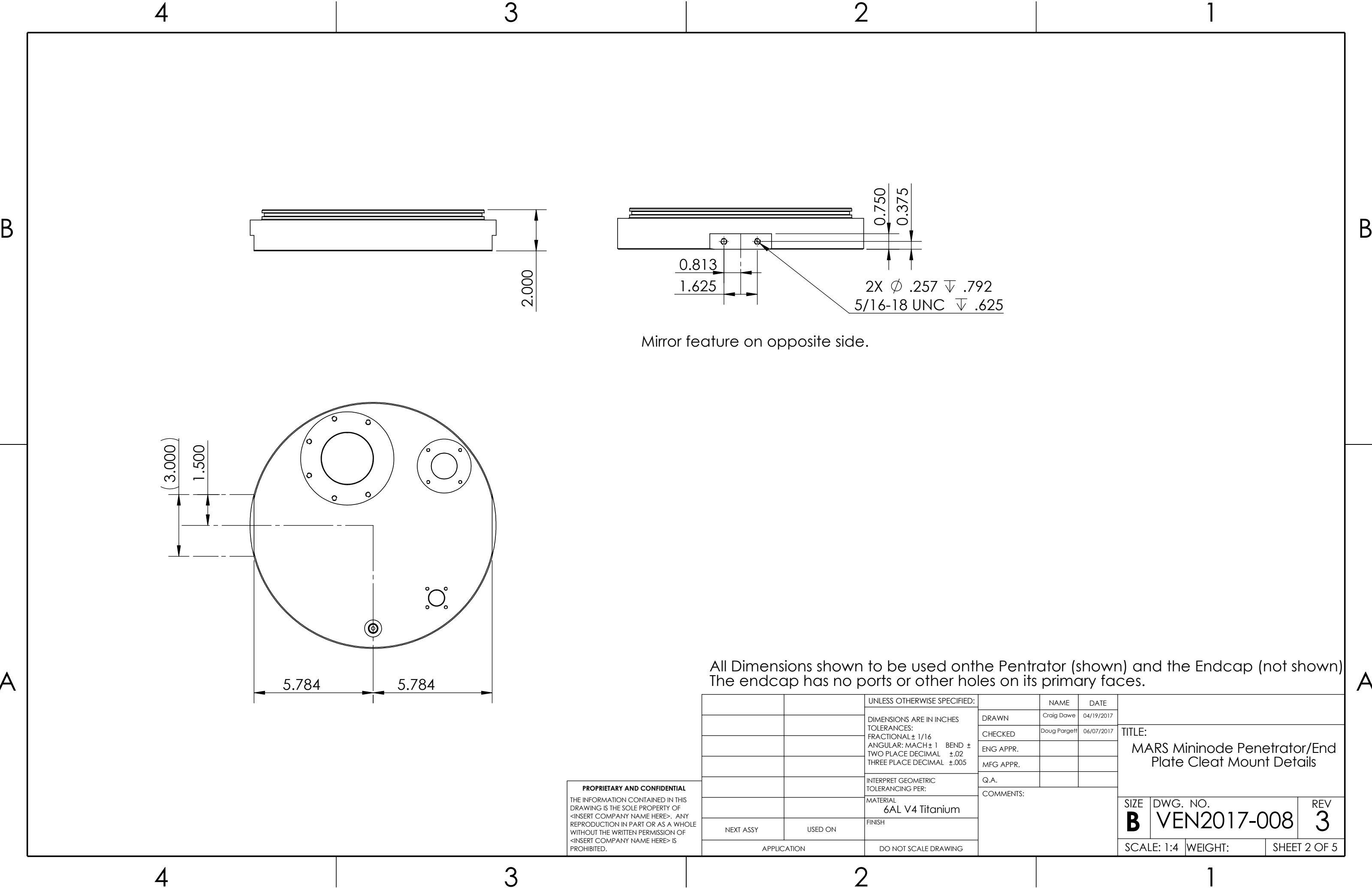
DETAIL B

SCALE 2 : 1

- Notes:
- 1. Mating cylinder diamter: 10.800 ±.001
 - 2. Radial O ring = 2-275
 - 3. Face O Ring = 2-277
 - 4. All Section A-A and Detail B Dimensions For Endcap (not shown) and Penetrator

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: MARS Mininode Penetrator/ Endcap O-ring Detail			
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16 ANGULAR: MACH ± 1 BEND ± TWO PLACE DECIMAL ± .02 THREE PLACE DECIMAL ± .005	DRAWN	Craig Dawe	04/19/2017				
			CHECKED	Doug Pargett	06/07/2017				
			ENG APPR.						
			MFG APPR.						
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE B DWG. NO. VEN2017-008 REV 3			
		MATERIAL 6AL V4 Titanium	COMMENTS:						
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:4		WEIGHT:	SHEET 1 OF 5



Mirror feature on opposite side.

All Dimensions shown to be used onthe Pentrator (shown) and the Endcap (not shown)
The endcap has no ports or other holes on its primary faces.

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: MARS Mininode Penetrator/End Plate Cleat Mount Details		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16 ANGULAR: MACH ± 1 BEND ± TWO PLACE DECIMAL ±.02 THREE PLACE DECIMAL ±.005	DRAWN	Craig Dawe	04/19/2017			
			CHECKED	Doug Pargett	06/07/2017			
			ENG APPR.					
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE DWG. NO. REV B VEN2017-008 3		
		MATERIAL 6AL V4 Titanium	COMMENTS:					
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING						
						SCALE: 1:4	WEIGHT:	SHEET 2 OF 5

4				3			2		1				
TAG	X LOC	Y LOC	SIZE	TAG	X LOC	Y LOC	SIZE						
A1	-4.46	-1.72	Ø .113 ▾ .351 6-40 UNF ▾ .276	C5	2.18	-3.08	Ø .257 ▾ .792 5/16-18 UNC ▾ .625						
A2	-4.46	0.08	Ø .113 ▾ .351 6-40 UNF ▾ .276	C6	2.18	3.42	Ø .257 ▾ .792 5/16-18 UNC ▾ .625						
A3	-4.46	1.88	Ø .113 ▾ .351 6-40 UNF ▾ .276	C7	2.18	-0.83	Ø .257 ▾ .792 5/16-18 UNC ▾ .625						
A4	-2.36	-1.72	Ø .113 ▾ .351 6-40 UNF ▾ .276										
A5	-2.36	0.08	Ø .113 ▾ .351 6-40 UNF ▾ .276										
A6	-2.36	1.88	Ø .113 ▾ .351 6-40 UNF ▾ .276										
A7	-1.93	-1.53	Ø .113 ▾ .351 6-40 UNF ▾ .276										
A8	-1.93	0.27	Ø .113 ▾ .351 6-40 UNF ▾ .276										
A9	-1.93	2.07	Ø .113 ▾ .351 6-40 UNF ▾ .276										
A10	0.17	-1.53	Ø .113 ▾ .351 6-40 UNF ▾ .276										
A11	0.17	0.27	Ø .113 ▾ .351 6-40 UNF ▾ .276										
A12	0.17	2.07	Ø .113 ▾ .351 6-40 UNF ▾ .276										
B1	-1.66	2.98	Ø .089 ▾ .299 4-40 UNC ▾ .224										
B2	-1.66	4.25	Ø .089 ▾ .299 4-40 UNC ▾ .224										
B3	-1.01	2.98	Ø .089 ▾ .299 4-40 UNC ▾ .224										
B4	-1.01	4.25	Ø .089 ▾ .299 4-40 UNC ▾ .224										
B5	-0.36	2.98	Ø .089 ▾ .299 4-40 UNC ▾ .224										
B6	-0.36	4.25	Ø .089 ▾ .299 4-40 UNC ▾ .224										
C1	0.71	-3.08	Ø .257 ▾ .792 5/16-18 UNC ▾ .625										
C2	0.71	-0.83	Ø .257 ▾ .792 5/16-18 UNC ▾ .625										
C3	0.71	1.17	Ø .257 ▾ .792 5/16-18 UNC ▾ .625										
C4	0.71	3.42	Ø .257 ▾ .792 5/16-18 UNC ▾ .625										
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