

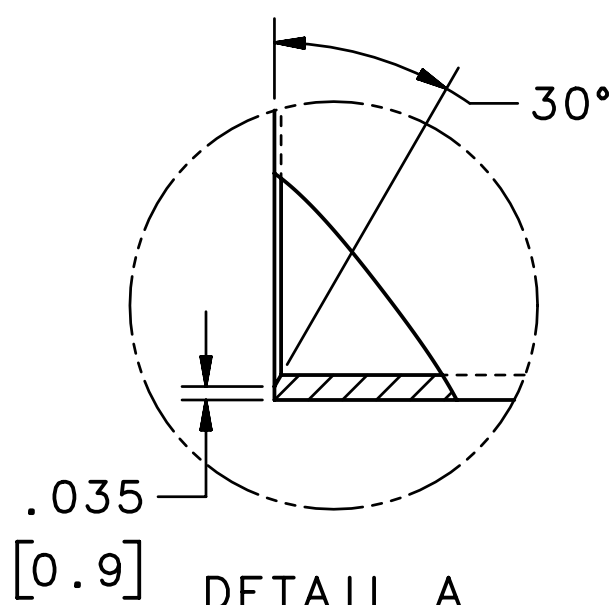
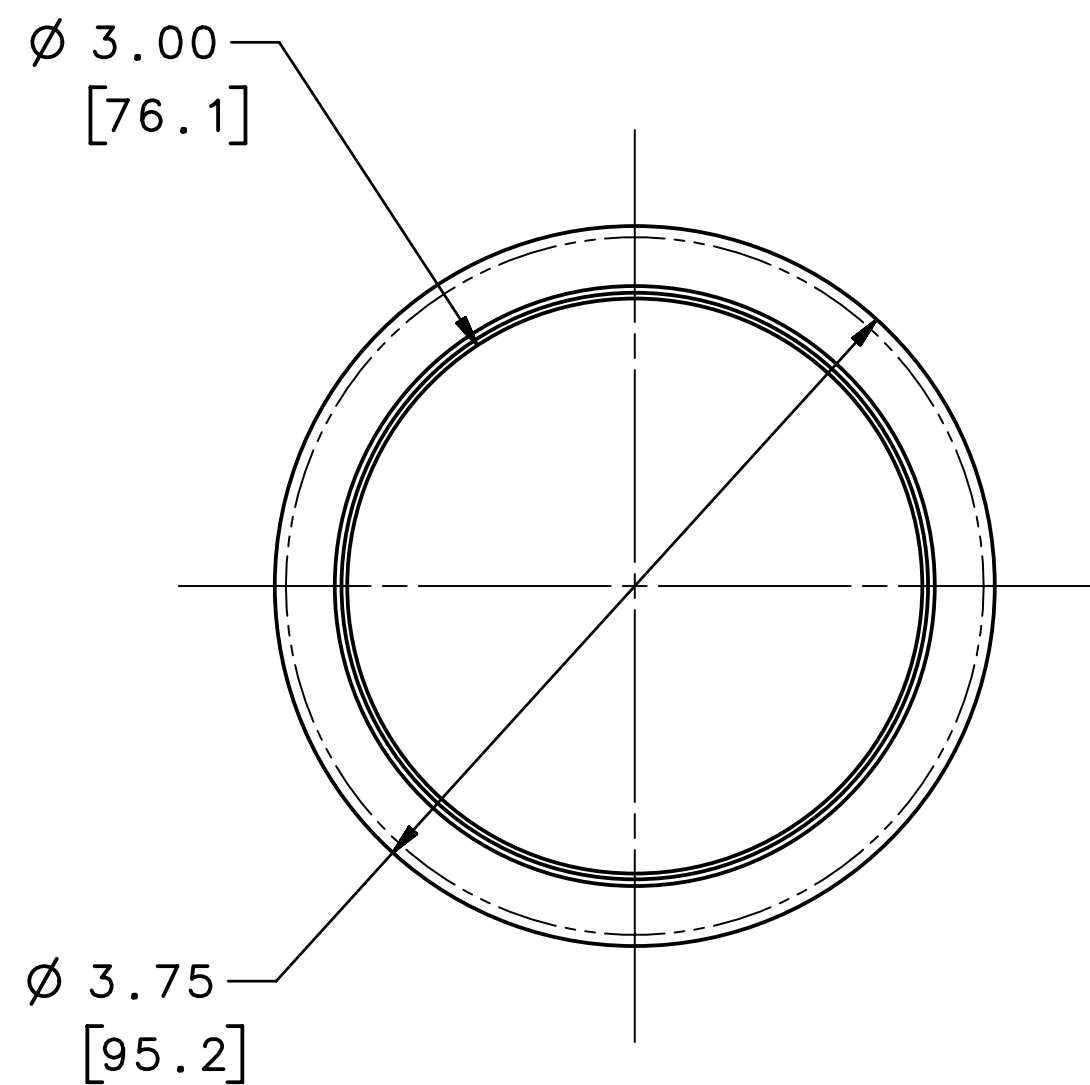
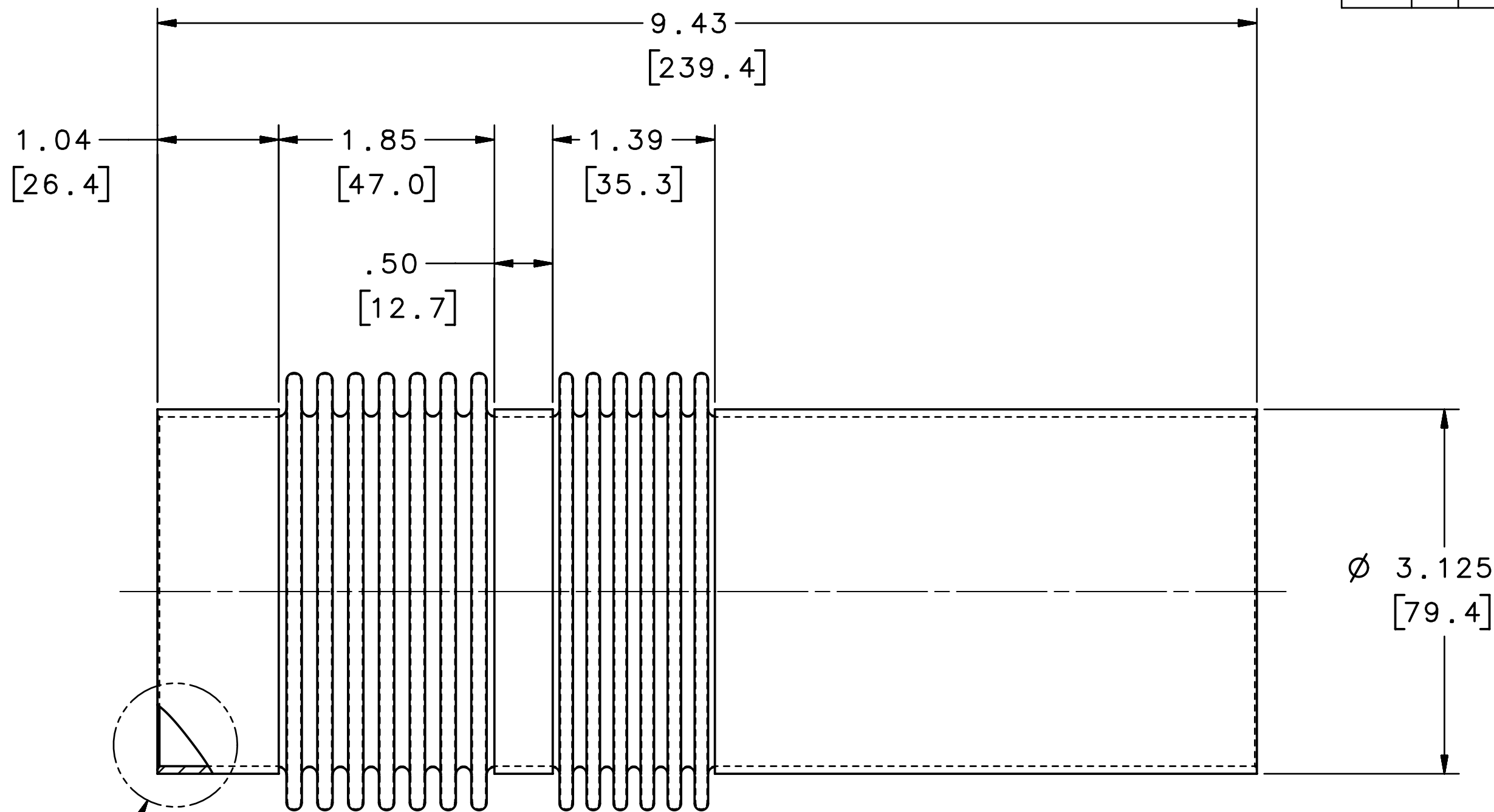
4

3

2

1

REVISION HISTORY			
ZONE	REV	DESCRIPTION	DATE/REVISER



BELLOWS SPECIFICATIONS:

I.D. 3.00
O.D. 3.75
WALL THK .008
DESIGN PRESSURE 2 ATM DIFFERENTIAL
SPRING RATE
LATERAL TRAVEL
AXIAL TRAVEL +/- .375 IN
OPERATING TEMPERATURE 2K - 300K
LIFE 10,000 CYCLES

ELECTROPOLISH INSIDE OF BELLOWS ASSY
PRIOR TO WELDING

NOTES:

- CLEAN AND HANDLE UHV COMPONENTS PER JLAB SPECIFICATION: 22632-S-001
- ALL WELDING PER ASME B&PVC.
- VACUUM LEAK CHECK SHALL BE IN ACCORDANCE WITH JLAB SPECIFICATION: 11141-S-0029

FOR JLAB INTERNAL USE ONLY			MATERIAL		United States Department of Energy		Jefferson Lab Ottomans Jefferson National Accelerator Facility		Newport News Virginia	
SEE ES&H MANUAL CHAPTER 6151 FOR PRESSURE AND VACUUM SYSTEMS SAFETY SUPPLEMENT AND WELDING AND BRAZING SUPPLEMENT			304 STAINLESS STEEL							
WELD CLASS			THIRD ANGLE PROJECTION		FINISH 63 UNLESS MACHINED SURFACES NOTED DEBURR & BREAK ALL SHARP EDGES		CRM SNS-PPU CRYOMODULE WARM - COLD BEAMPIPE RETURN WARM - COLD BELLOWS			
CODE			PRESSURE/VACUUM CLASS VC2		DO NOT SCALE DRAWING		DRAWN J HENRY		DATE 08MAY19	
			PRESSURE SYSTEMS NUMBER PS-CRM-18-001				SIZE C		DWG. NO. 104210300-M8U-8200-A201	
							SCALE 1:1		USED ON ASSY NO:1042010300-M8U-8200-A205	
									SHEET 1 OF 1	