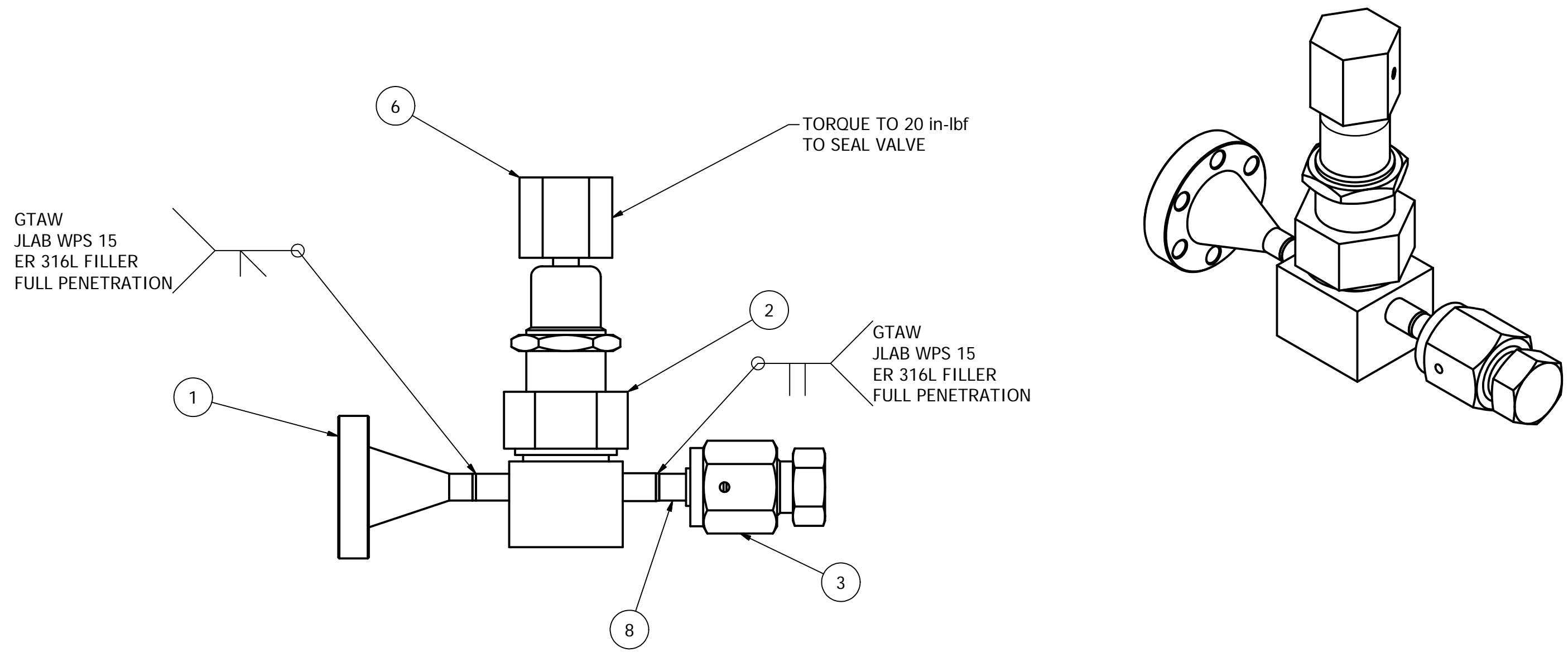


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	AUTHOR
All	B	VCR turbe adapter mod and change in #1 included	2/19/2016	D. Meekins



NOTES:

- DESIGN PRESSURE 1000 PSI
- PRESSURE TEST TO 1500 PSI (PNUEMATIC He LEAK CHECK IN REVERSE) He LEAK CHECK 10^{-9} atm cc/s
- WELD AND EXAMINE 100% VT,RT PER ASME B31.3 2012
- CMTR REQUIRED FOR ALL PARTS AND FILLER
- WELD PER JLAB WPS 015

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	1	TGT-103-1000-0105	1.33 Mini CF TO 1/4 TUBE	ASTM A276 316/316L
2	1	SS-4BW-BW4-C5-SC11-MOD1	BELLOWS SEALED VALVE HANDLE REPLACED WITH 3/4 NUT	SST 316
3	1	SS-4-VCR-1	1/4 VCR Nut Female	SST 316
4	1	NI-4-VCR-2-VS	1/4 VCR Gasket Ni	Nickle
5	1	SS-4-VCR-P	1/4 VCR Male Plug	SST 316
6	1	TGT-103-1000-0112	Valve Actuator Nut	SST 304
7	2	HSHSS 6-32 UNC x 0.32	Hexagon Socket Set Screw - Cup Point	18-8 SST
8	1	SS-4-VCR-3S-4TB2	VCR Short Tube Butt Weld 1/4	ASTM A276 316/316L

DOCUMENT CONTROL STAMP	DIM & TOL PER ASME Y14.5 . UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMAL ANGLE $\pm 1/64$ $.X \pm 0.1$ $\pm 0.5^\circ$ $.XX \pm 0.01$ $.XXX \pm 0.005$	APPROVALS	DATE	JEFFERSON LAB TARGET GROUP THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY NEWPORT NEWS VIRGINIA U.S. DEPARTMENT OF ENERGY Hall A Tritium Target Target Cell Fill Tube Assy	
MATERIAL VAR		DRAWN D. Meekins	1/8/2014		
FINISH N/A UNLESS OTHERWISE NOTED	CHECKED				
DEBUR AND BREAK ALL SHARP EDGES ACCEPT AS NOTED	APPROVED				
Do Not Scale Drawing	THIRD ANGLE PROJECTION	APPROVED			
		APPROVED			
		APPROVED			
				SIZE C	DWG NO TGT-103-1000-0011
				SCALE A:A	ASSY. NO. -
					REV B
					SHEET 1 OF 1