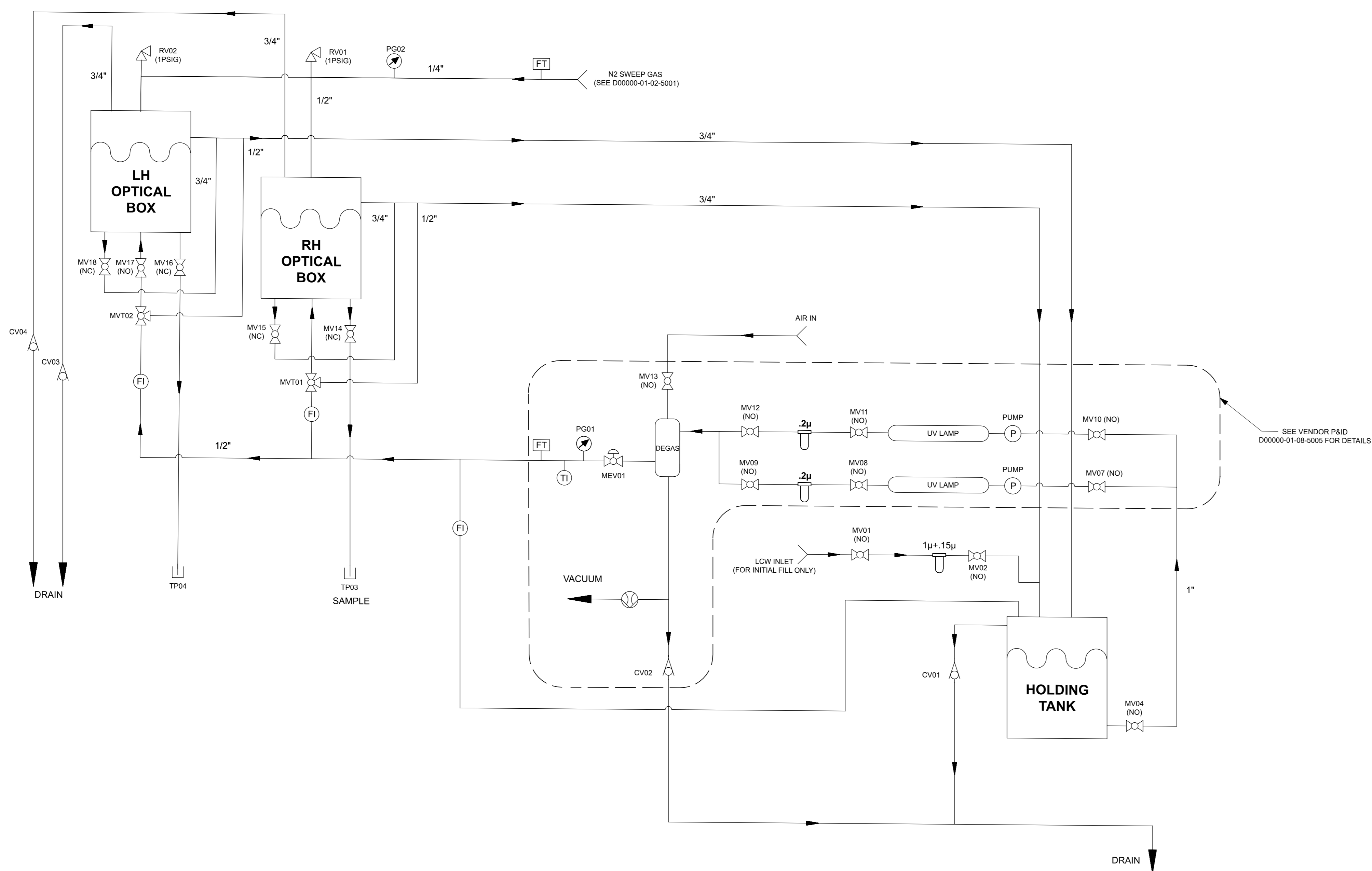


P&I DIAGRAM OF THE HALL-D WATER SYSTEM FOR THE DIRC



REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
B6/B7 C6/C7	A	CHANGED CONFIGURATION OF THE OPTICAL BOX CONNECTIONS	31MAY16	

LEGEND	
	TEST PORT (TPXX)
	MANUAL VALVE (MVXX)
	CHECK VALVE (CVXX)
	RELIEF VALVE (RVXX)
	3-WAY VALVE (MVTXX)
	METERING VALVE (MEVXX)
	FLOW TRANSMITTER
	PRESSURE GAUGE
	TEMPERATURE INDICATOR
	CONDUCTIVITY INDICATOR
	PH BALANCE MONITOR
	WATER PUMP
	VACUUM PUMP
	FLOW INDICATOR / METERING
	TUBING OR PIPING CONNECTION
	FILTER

- NOTES:
- REFER TO DRAWING D00000-10-02-5001 FOR N2 SWEEP GAS SPECIFICATION
 - MAXIMUM PUMP PRESSURE 35PSI
 - PRESSURE RELIEF SET TO 1PSIG

DOCUMENT CONTROL STAMP	DIM & TOL PER ASME Y14.5 2009 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMAL ANGLES : N/A ± .01 ± .50 : XXX ± .005 : XXXX ± .005	TRACKING NO. N/A	United States Department of Energy Jefferson Lab Thomas Jefferson National Accelerator Facility Newport News Virginia
MATERIAL N/A	THIRD ANGLE PROJECTION	APPROVALS DRAWN B. BUNTON CHECKED APPROVED APPROVED	DATE 31AUG17 DWG. NO. D00000-01-08-5000 SCALE NONE USED ON ASSY NO. D00000-10-08-1050
FINISH MACHINED UNLESS OTHERWISE NOTED SURFACES DEBURR & BREAK ALL SHARP EDGES DO NOT SCALE DRAWING		HALL D-GLUEX DETECTOR DIRC DIRC WATER SYSTEM P&ID SHEET 1 OF 1	REV.