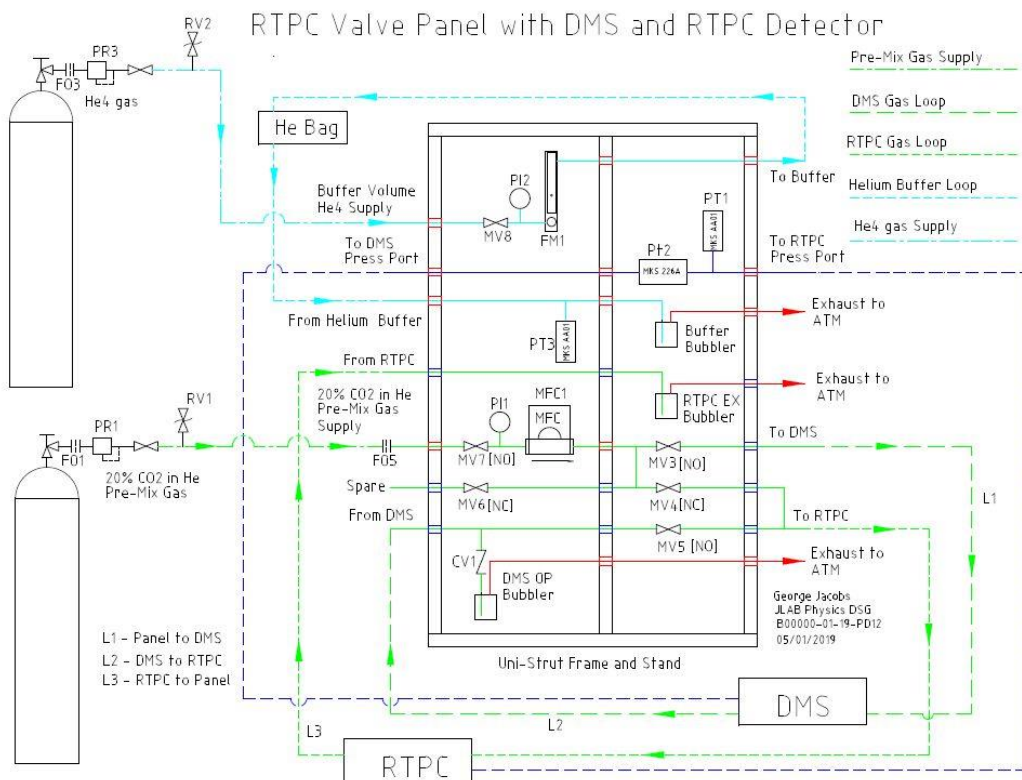


RTPC Gas System Project Status Report

May 15 2019

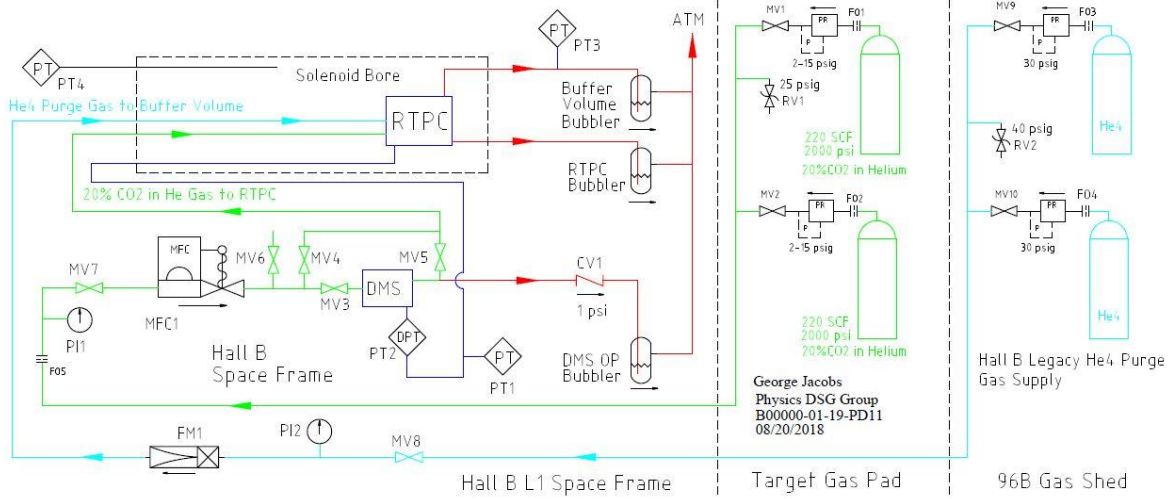
DSG Staff: George Jacobs

1. Presented system P&I based on 2-15 psi gas supply with 25 psi relief valve to RTPC group.
 - 1.1. Presented plan to perform a pressure and flow test in EEL rm 125
2. Ordered components for RTPC gas system and pressure test
 - 2.1. McMaster-Carr order of ASME relief valves
 - 2.2. O'Keefe Controls order of flow reducing orifices
 - 2.3. Dwyer order of Magnahelic gauges for flow/pressure test
 - 2.4. Matheson order of pressure regulators
 - 2.5. Swagelok fittings GOVSCI order# 65136, JLAB PR 384963P
 - 2.6. Swagelok fittings GOVSCI order# 65200, JLAB PR 385045P
3. Finalized RTPC Valve Panel diagram, added dwg # B00000-01-19-PD12



4. Finalized RTPC Gas P&I diagram, added dwg # B00000-01-19-PD11

Radial Time Projection Chamber Gas Supply



5. Updated pressure system component spreadsheet with new components
6. Assembled pressure test block for RTPC gas system pressure test

