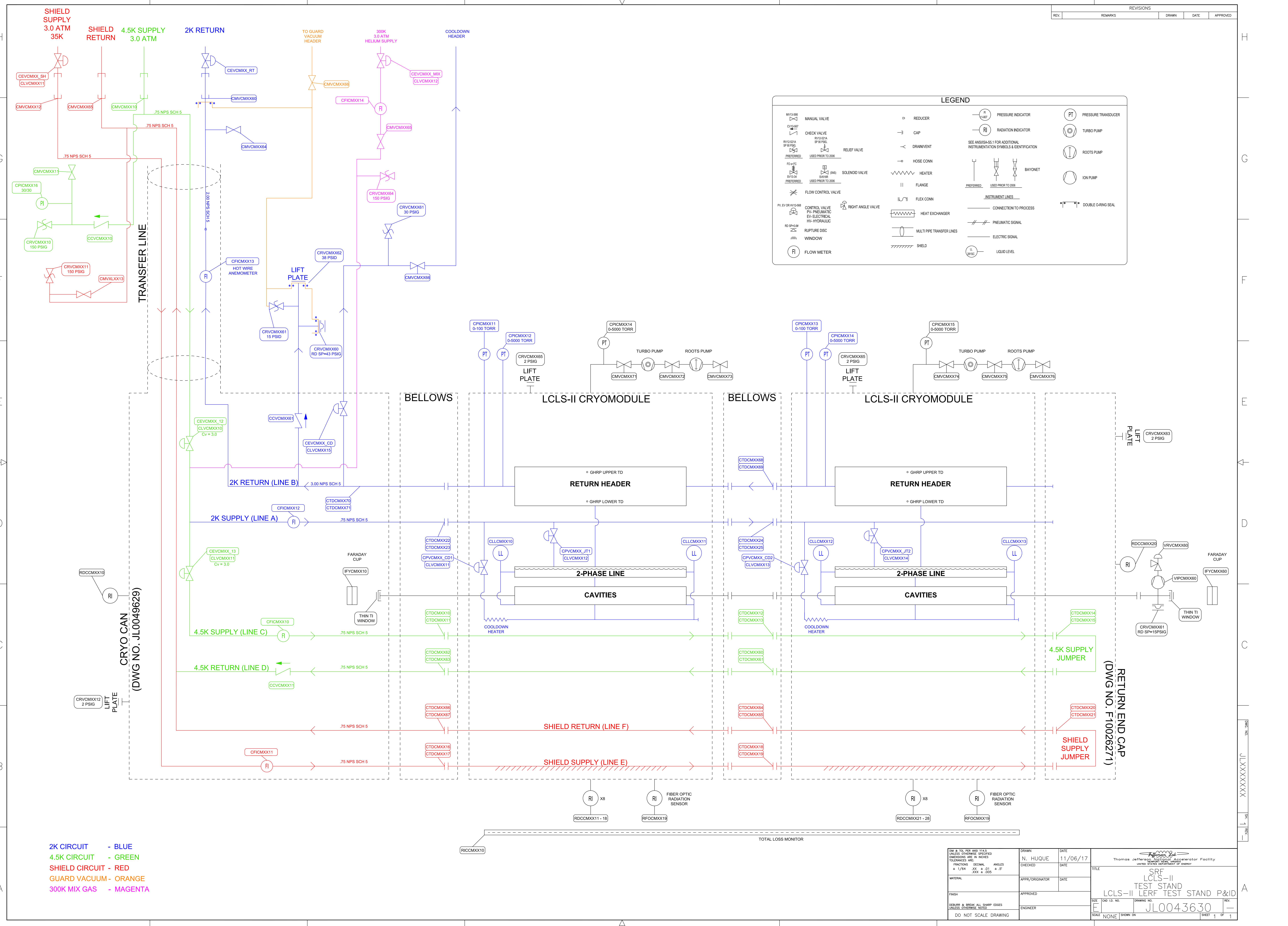


REVISIONS				
REV.	REMARKS	DRAWN	DATE	APPROVED



LEGEND

MV13-566 MANUAL VALVE	REDUCER	PI PRESSURE INDICATOR	PT PRESSURE TRANSDUCER
CV12-507 CHECK VALVE	DRAIN/VENT	RI RADIATION INDICATOR	TURBO PUMP
RVT23-21A RV13-21A SP 30 PSIG	HOSE CONN	SEE ANGISAS.1 FOR ADDITIONAL INSTRUMENTATION SYMBOLS & IDENTIFICATION	
RV13-21A SP 30 PSIG PREFERRED	SOLENOID VALVE	HEATER	ROOTS PUMP
FO#FC FLOW CONTROL VALVE	SOLENOID VALVE	FLANGE	ION PUMP
PV#EV OR HV#MV CONTROL VALVE PV#PNEUMATIC EV#ELECTRICAL HV#HYDRAULIC	SOLENOID VALVE	FLANGE	ION PUMP
RD SP#EM RUPTURE DISC	SOLENOID VALVE	FLANGE	ION PUMP
WINDOW	SOLENOID VALVE	FLANGE	ION PUMP
FLOW METER	SOLENOID VALVE	FLANGE	ION PUMP
	SOLENOID VALVE	FLANGE	ION PUMP

2K CIRCUIT - BLUE
 4.5K CIRCUIT - GREEN
 SHIELD CIRCUIT - RED
 GUARD VACUUM - ORANGE
 300K MIX GAS - MAGENTA

DIM & TOL PER ANSI Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMAL ANGLES # 1/64 .XXX # .01 # .5° MATERIAL FINISH REBAR & BREAK ALL SHARP EDGES UNLESS OTHERWISE NOTED DO NOT SCALE DRAWING	DRAWN N. HUQUE CHECKED DATE 11/06/17	DATE 11/06/17
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------	------------------

Thomas Jefferson National Accelerator Facility UNITED STATES DEPARTMENT OF ENERGY	TITLE SRF LCLS-II TEST STAND LCLS-II LERF TEST STAND P&ID
SIZE E	DRAWING NO. JL0043630
SCALE NONE	SHEET NO. 1 OF 1