Appendix D – Plumbing Diagram (Actual)

DRAWN BY: ROBB MERRILL
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NOTE: This update shows an added solenoid valve (ASCO 8262H090, outlined in red) for increased over-pressure protection. Addition of this valve has not been physically tested. If operational pressure in the cooling pad becomes unstable, remove this valve.

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FILL CAP OUTLET (MODIFICATION)
3/8" ID
CHILLER FLUSH
3/8" ID
IN-LINE FILTER
OUT
3/8" ID
3/8" ID
IN
CHILLER PRIME
1/4" ID
PROSENSE EPS25-14-1001 PRESSURE GAUGE
1/4" ID
GAUGE LINE FLUSH
BUBBLE REMOVAL / LINE CHILL SHUNT
1/4" ID Thick-wall
IN
1/4" ID
MASTERFLEX HV-07528-10 SUPPLY PUMP
1/4" ID
ASCO 8320G178 SOLENOID VALVE
SHUNT
COOLING PAD
~50 FT. JOINED 1/4" ID
1/4" ID Thick-wall
Thomas 688CE44 VACUUM PUMP
3M LIQUICEL G541 MEMBRANE CONTACTOR
OUT
3/8" ID
3/8" ID
LINE PURGE
1/4" ID
MASTERFLEX HV-07528-10 RETURN PUMP
BUBBLE REMOVAL / LINE CHILL SHUNT
VACUUM DEPRESSURIZE
VACUUM DRAIN
3/8" ID
1/4" ID
1/4" ID
3/8" ID
ASCO 8262H090 SOLENOID VALVE
3/8" ID
INSULATED RESERVOIR
3/8" ID
SYSTEM DRAIN
DRAIN TRAY
3/8" ID