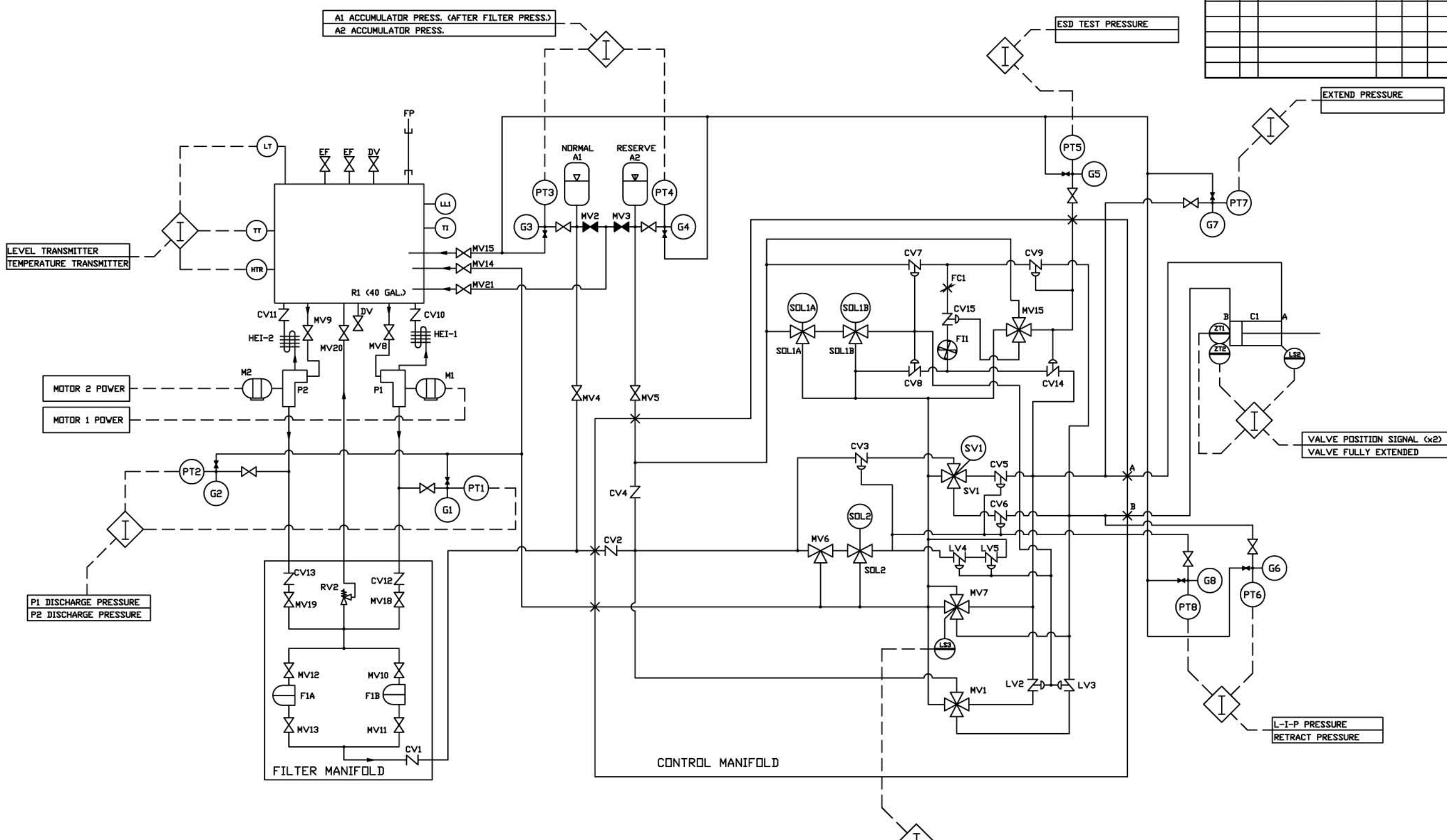


DATE	SYN	REVISION RECORD	ECN#	DR	CK



LEGEND

— PROCESS CONNECTION OR MECHANICAL LINK
 - - - ELECTRICAL SIGNAL
 — HYDRAULIC LINE

○ — INSTRUMENT LOCATED WITHIN THE HPU ASSEMBLY.
 ⊖ — INSTRUMENT LOCATED WITHIN THE ACTUATOR ASSEMBLY.
 ◇ — M.E.A. ELECTRICAL LOGIC

□ — CUSTOMER CONNECTIONS TO THE M.E.A. PLC CONTROL ENCLOSURE.
 □ — CUSTOMER CONNECTIONS TO THE MOTORS

DESIGNATIONS:

A-ACCUMULATOR
 CV-CHECK VALVE
 DPG-DIFFERENTIAL PRESSURE GAUGE
 DV-DRAIN VALVE
 EF-EXTERNAL FILTER (BY OTHERS)
 F-FILTER
 FB-FILTER/BREATHER
 FC-FLDW CONTROL
 FI-FLOW INDICATOR
 FP-FILL PORT
 HE-HEAT EXCHANGER
 HTR-SUMP HEATER
 LG-LEVEL GAUGE
 LS-LIMIT SWITCH
 LT-LEVEL TRANSMITTER
 LV-LOGIC VALVE
 M-MOTOR
 MP-MOTOR POWER
 MV-MANUAL VALVE

P-PUMP
 PG-PRESSURE GAUGE
 PT-PRESSURE TRANSMITTER
 R-RESERVOIR
 RV-RELIEF VALVE
 SOL-SOLENOID VALVE
 SV-SERVO VALVE
 TI-TEMPERATURE INDICATOR
 TT-TEMPERATURE TRANSMITTER
 LV-LOGIC VALVE
 ZT-SYSTEM 'A' POSITION TRANSDUCER
 ZTZ-SYSTEM 'B' POSITION TRANSDUCER

NOTES:

- SOLENOIDS SHOWN IN SHELF STATE.
- REFERENCE FIELD WIRING FOR SPECIFIC ELECTRICAL CONNECTION POINTS.
- LOGIC VALVES ARE TRANSPARENT WHEN NO PILOT PRESSURE IS PRESENT. IT IS OPEN TO BOTH DIRECTIONS.

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TITLE: **NEC / UOP SPEC. P&I DIAGRAM**

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