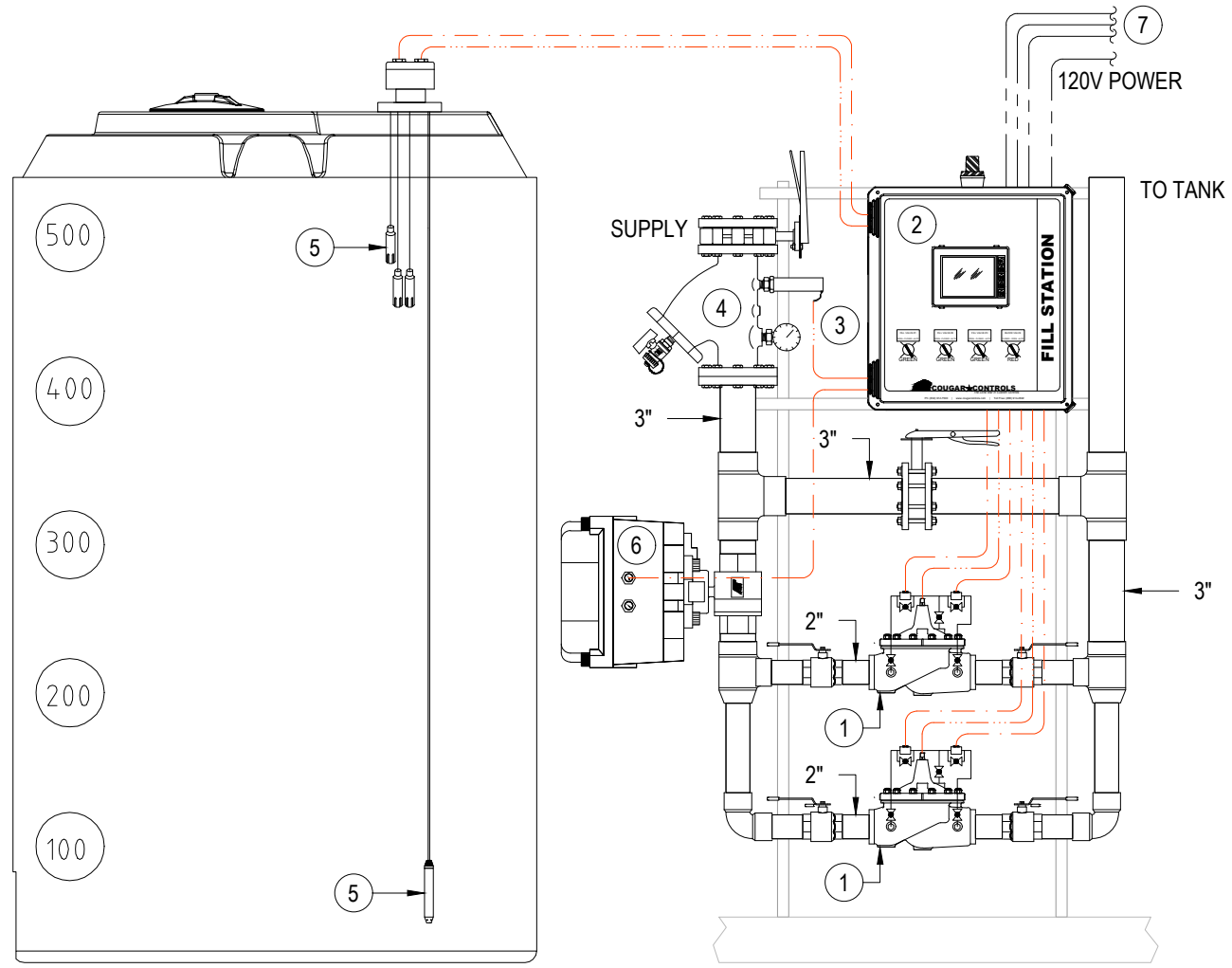


C:\Users\Nidia.HIRLEY\Documents\DA_Drafting - Engineering Accounts\01_Cougar_Sales\REF-020 - Modulating Fill Valves - Rev 00.dwg - Modulating Fill Valves - Rev 00.dwg - Wednesday, September 01, 2021 - 4:00 PM - briam



GENERAL NOTES

- ① - TWO (2) CLA-VAL 2" NORMALLY CLOSED MODULATING FILL VALVE MODULATED BY CONTROL PANEL, MODEL 131.01-ABE-KC-SS.
- ② - COUGAR PLC BASED CONTROL PANEL WITH TOUCH SCREEN, MODEL "ET11F2B1T1." LEVEL CONTROL PANEL MUST USE INCHES AS THE UNIT OF MEASURE FOR TANK LEVEL, LEVEL TRANSDUCER, AND VALVE SETPOINTS. VALVE POSITION READOUT TO BE SHOWN AS % OPEN.
- ③ - CITY SUPPLY PRESSURE TRANSMITTER AND PRESSURE GAUGE, WINTERS LF SERIES.
- ④ - NEXUS STRAINEX MODEL SXFV, WITH BUTTERFLY VALVE, STRAINER AND BLOW-DOWN VALVE.
- ⑤ - SUBMERSIBLE PRESSURE TRANSDUCER AND BACK UP HIGH/LOW LEVEL PROBE INSTALLED IN STORAGE TANK. (TANK IS NOT DRAWN TOO SCALE)
- ⑥ - MOTOR OPERATED FLOOD PROTECTION VALVE, ACTUATED BY CONTROL PANEL
- ⑦ - THREE (3) ALARMS TO BAS; TANK HIGH, TANK LOW, AND WATER SUPPLY LOSS.

1 DOMESTIC MODULATING FILL STATION

SCALE: 3/4" = 1'-0"

- -- - INDICATES COORDINATE WITH OTHER DISCIPLINES
- . - . - - INDICATES FIELD WIRING BY SYSTEM SUPPLIER
- . - . - - INDICATES SHIELDED FIELD WIRING BY SYSTEM SUPPLIER

ALL RELATED LOCAL CONTROL WIRE & CONDUIT BY SYSTEM SUPPLIER TO ENSURE A COMPLETE, COORDINATED AND FUNCTIONAL SYSTEM



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SHEET TITLE
**DOMESTIC WATER STORAGE, MODULATING TANK
FILL STATION**

SHEET NO.
P-1