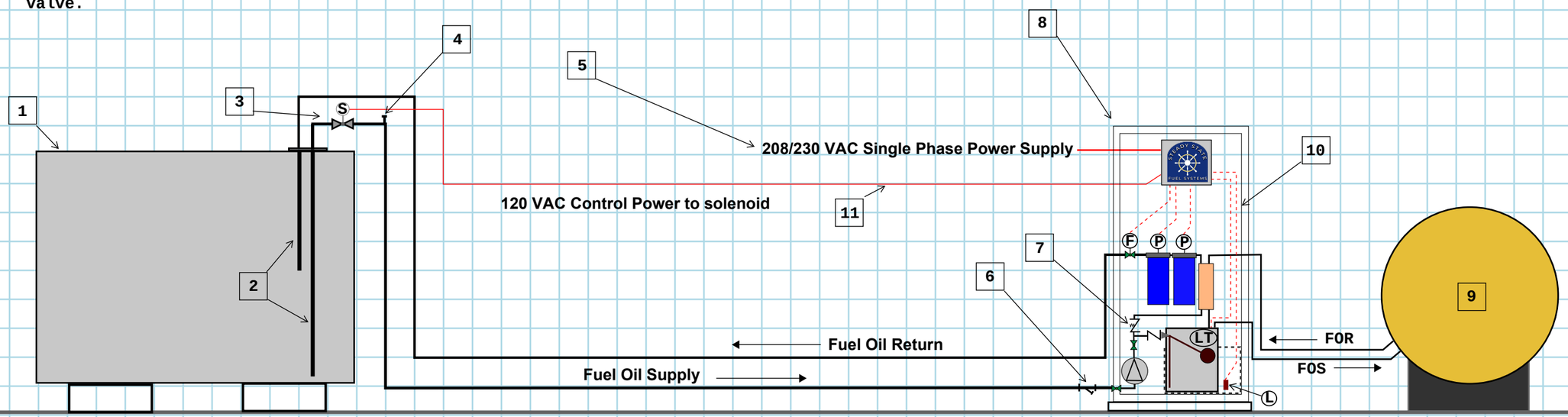
CALLOUTS

1. Main Fuel Storage Tank UL-142 DW or UL-2085 listed
2. FOS piping shall be ran 1" off bottom, FOR shall terminate at 50% fuel level.
3. FOS shall include N.C., 120 VAC,zero differential pressure solenoid.
4. Priming Tee installed at high point and downstream from solenoid valve.
5. Incoming power for SSFS control panel shall be dedicated circuit on emergency power.
6. Pump Inlet Y-strainer
7. Distribution manifold with tank inlet check valve, flow restrictor, float assembly and back-pressure valve.
8. SSFS Fuel Delivery Skid assembly w/ tank, rupture basin, drip tray, filter manifold, 10 gpm positive displacement pump, heat exchanger, valves and sensors, isolation valves,and UL-508 PLC control panel with NEMA 4 enclosure, disconnect and HMI interface.
   Refer to SSFS detailed drawings on Sheets 4 & 5 for more information of fuel delivery skid assembly.
9. Emergency Generator
10. 24 VDC sensor wiring, pre-installed on skid assembly.
11. 120 VAC Anti-siphon solenoid power from control panel (field wired).



SYMBOLS KEY:

- Ⓕ 3 GPM Shuttle Flow Switch
- Ⓟ 20 PSID Pressure Transducer
- Ⓛ Rupture Basin Leak Switch
- Ⓢ 120 VAC Solenoid Valve
- LT 4-20 mAmp Level Transducer
- ---- 24 VDC Low Voltage
- —— 120 or 240 VAC High Voltage
- Cross-flow Plate Heat Exchanger
- Rotary Vane Pump
- High Capacity/Efficiency Fuel Oil Filter (Particulate or Water Absorbing)
- 14 Gallon Fuel Tank for Generator Fuel Supply
- UL-508 PLC Controller in NEMA 4 Enclosure w/ Touchscreen HMI

NOTE: Refer to SSFS Detail drawings for more information. SSFS skid assembly can be ordered with a duplex pump set or with remote duplex pumps to maximize configurations to meet system requirements.

STEADY STATE FUEL SYSTEMS	DRAWN BY: B. Durkin REVISION: DATE: January 15th, 2025	SHEET 1	SSFS Simplex fuel delivery system