**GENERAL ARRANGEMENT**

**PROMINENT FLUID CONTROLS INC.**

**PRE-ENGINEERED SYSTEM**

**JOB No:** 7749380

**PURCHASE ORDER No:** 7749380-200

**DESCRIPTION:**

1. All piping and fittings shall be 3/4" SCH. 80 PVC socket weld with Viton seals unless otherwise required by components.

2. All dimensions are in inches and are shown for reference only.

**NOTES:**

1. **MAXIMUM OPERATING PRESSURE =** 150 PSI

2. **MAXIMUM TESTING PRESSURE =** 58 - 145 PSI

3. **BLACK UV PROTECTED PP STAND**

4. **SIGMA SERIES METERING PUMP**
   - 2 TYP.
   - S1BAH04084 MAX. CAPACITY: 26.7 GPH @ 58 PSIG
   - S1CAH04084 MAX. CAPACITY: 26.7 GPH @ 58 PSIG
   - S1BAH04120 MAX. CAPACITY: 38.0 GPH @ 58 PSIG
   - S1CAH04120 MAX. CAPACITY: 31.7 GPH @ 58 PSIG
   - S2BAHM12090 MAX. CAPACITY: 28.5 GPH @ 145 PSIG
   - S2CAHM12090 MAX. CAPACITY: 28.5 GPH @ 145 PSIG

5. **1/2" PVC/VITON NPT BALL VALVE**
   - FLUSH PORT

6. **3/4" PVC/VITON NPT BALL VALVE**
   - PRODUCT OUTLET

7. **3/4" PVC/VITON NPT BALL VALVE**
   - PRODUCT INLET

8. **1000 mL PVC CALIBRATION COLUMN**

9. **1/2" O.D. PVC TUBING**

10. **VENT TO TANK**

11. **600mL PVC/VITON PULSATION DAMPER**

12. **2 1/2 316 SST PRESSURE GAUGE**

13. **WITH PVC ISOLATOR**
   - (0-160 PSIG)

14. **BLACK UV PROTECTED PP STAND**

15. **3/4" PVC/VITON WYE-STRAINER**

16. **3/4" PVC PRESSURE RELIEF VALVE**
   - (ADJUSTABLE 0-150 PSIG)
   - 2 TYP.

17. **3/4" PVC/VITON BACK PRESSURE VALVE**
   - (ADJUSTABLE 0-150 PSIG)
   - 2 TYP.