PROMINENT FLUID CONTROLS INC. (PRE-ENGINEERED SYSTEM)

NOTE:
1. ALL PIPING AND FITTINGS SHALL BE 1/2" SCH. 80 PVC SOCKET WELD WITH EPDM SEALS UNLESS OTHERWISE REQUIRED BY COMPONENTS.
2. ALL DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR REFERENCE ONLY.

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**SYSTEMS/materials:**
- **SIGMA SERIES METERING PUMP**
  - 2 TYP.
  - S2BAHM12050 MAX. CAPACITY: 15.9 GPH @ 145 PSIG
  - S2CAHM12050 MAX. CAPACITY: 15.9 GPH @ 145 PSIG
- **1/2" PVC/EPDM NPT BALL VALVE**
  - 2 TYP.
  - PRODUCT OUTLET
  - PRODUCT INLET
- **FLOW MONITOR**
  - TYPE 3 OD/15 PVC/EPDM
  - 2 TYP.
- **1/2" PVC PRESSURE RELIEF VALVE**
  - MAX. CAPACITY: 15.9 GPH @ 145 PSIG
  - 2 TYP.
- **1/2" PVC BACK PRESSURE VALVE**
  - ADJUSTABLE 0-150 PSIG
  - 2 TYP.
- **WYE-STRAINER**
  - 1/2" PVC/EPDM
- **PULSATION DAMPER**
  - 2 TYP.
- **BLACK UV PROTECTED PP STAND**
- **PRESSURE GAUGE**
  - WITH PVC ISOLATOR
  - (0-160 PSIG)
- **2 3/4" 316 SST PRESSURE GAUGE**
- **1000 mL PVC CALIBRATION COLUMN**
- **1/2" O.D. PVC TUBING**
- **600mL PVC/EPDM PULSATION DAMPER**
- **3.75" PVC REDUCER**
- **1/2" PVC/EPDM BALL VALVE**
- **2" 1/2" PVC PRESSURE RELIEF VALVE**
  - ADJUSTABLE 0-150 PSIG
  - 2 TYP.
- **1/2" PVC/EPDM BALL VALVE**
  - 2 TYP.
  - FLUSH PORT
  - ENTRANCE PORT

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**PIPING SCHEMATIC**

**GENERAL ARRANGEMENT**

**DESIGNED:**
- GJS

**CHECKED:**
- GJS

**DRAWN:**
- GJS

**APPROVED:**
- GJS

**DATE SCALE:**
- 1/1

**PAGE:**
- 1/1

**REVISED:**
- 1/1