NOTE:

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.

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### PIPING SCHEMATIC

**SIGMA SERIES METERING PUMP**
- S2BAHM07220: MAX. CAPACITY: 69.7 GPH @ 100 PSIG
- S2CAHM07220: MAX. CAPACITY: 69.7 GPH @ 100 PSIG

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**FRONT VIEW**
- 3/4" PVC/VITON WYE-STRAINER
- 3/4" PVC BACK PRESSURE VALVE (ADJUSTABLE 0-150 PSIG)
- 3/4" PVC/VITON NPT BALL VALVE PRODUCT OUTLET
- 3/4" PVC PRESSURE RELIEF VALVE (ADJUSTABLE 0-150 PSIG)
- 3/4" PVC/VITON NPT BALL VALVE FLUSH PORT

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**SIDE VIEW**
- 2-1/2" 316 SST PRESSURE GAUGE WITH CPVC/PTFE ISOLATOR (0-160 PSIG)
- 1/2" PVC/VITON NPT BALL VALVE FLUSH PORT
- 1/2" PVC/VITON NPT BALL VALVE PRODUCT INLET
- 3/4" PVC/VITON NPT BALL VALVE PRODUCT OUTLET

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**PLAN VIEW**
- 3/4" PVC BACK PRESSURE VALVE VENT TO TANK
- 3/4" PVC/VITON PULSATION DAMPER
- 4,000 mL PVC CALIBRATION COLUMN

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**ISOMETRIC VIEW**
- BLACK UV PROTECTED PP STAND
- 1/2" D.O. PVC TUBING 3/4" SCH. 80 PVC SOCKET WELD WITH VITON SEALS
- 3-1/2" 316 SST PRESSURE GAUGE WITH OP/CP ISOLATOR (0-100 PSIG)

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