NOTES:
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.

**ISOMETRIC VIEW**

- SIGMA SERIES METERING PUMP
  - Type: 2
  - Capacity: S1BAH10022, 6.8 GPH @ 145 PSIG; S1CAH10022, 6.8 GPH @ 145 PSIG
  - Capacity: S1BAH10044, 14.0 GPH @ 145 PSIG; S1CAH10044, 14.0 GPH @ 145 PSIG
  - Capacity: S1BAH10050, 15.8 GPH @ 145 PSIG; S1CAH10050, 13.2 GPH @ 145 PSIG
  - Capacity: S1BAH12017, 5.3 GPH @ 145 PSIG; S1CAH12017, 5.3 GPH @ 145 PSIG
  - Capacity: S1BAH12035, 11.1 GPH @ 145 PSIG; S1CAH12035, 11.1 GPH @ 145 PSIG

- 1/2" PVC/EPDM NPT BALL VALVE PRODUCT INLET
- 1/2" PVC/EPDM NPT BALL VALVE PRODUCT OUTLET
- 1/2" PVC BACK PRESSURE RELIEF VALVE (ADJUSTABLE 0-150 PSIG) 2 TYP.
- 1/2" PVC/EPDM NPT BALL VALVE (ADJUSTABLE 0-150 PSIG) 2 TYP.
- 1/2" PVC/EPDM BALL VALVE 2 TYP.
- 1/2" PVC/EPDM BALL VALVE VENT TO TANK
- 1/2" PVC/EPDM BALL VALVE CALIBRATION COLUMN
- 2-1/2 316 SST PRESSURE GAUGE WITH PVC ISOLATOR (0-160 PSIG)
- 500 mL PVC CALIBRATION COLUMN
- 164mL CPVC/EPDM PULSATION DAMPER 2 TYP.
- 1/2" O.D. PVC TUBING BLACK UV PROTECTED PP STAND
- 1/2" PVC/EPDM WYE-STRAINER
- 1/2" PVC PRESSURE RELIEF VALVE (ADJUSTABLE 0-150 PSIG) 2 TYP.
- 1/2" PVC PRESSURE RELIEF VALVE (ADJUSTABLE 0-150 PSIG) 2 TYP.

**PIPING SCHEMATIC**

- **MAXIMUM TESTING PRESSURE:** 145 PSI
- **MAXIMUM OPERATING PRESSURE:** 150 PSI
- **CHEMICAL SERVICE:** BLACK UV PROTECTED PP STAND

**NOTES:**

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2. ALL DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR REFERENCE ONLY.