1. All piping and fittings shall be 1" 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:

**Chemical Service:**
- Maximum Operating Pressure = 145 PSI
- Maximum Testing Pressure = 150 PSI
- Chemical Service =

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sigma Series Metering Pump</td>
<td>S3CAH120145 Max. Capacity: 46.0 GPH @ 145 PSI, S3CAH120190 Max. Capacity: 60.2 GPH @ 145 PSI</td>
</tr>
<tr>
<td>2” PVC/Viton Wye-Strainer</td>
<td></td>
</tr>
<tr>
<td>1” PVC/Viton Ball Valve Product Outlet</td>
<td></td>
</tr>
<tr>
<td>1” PVC Pressure Relief Valve (Adjustable 0-150 PSI)</td>
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</tr>
<tr>
<td>Type 4 Enns Pulsation Damper</td>
<td></td>
</tr>
</tbody>
</table>

**Piping Schematic**

**Diagram Details**
- Plan View
- Isometric View
- Front View
- Side View

**Diagram Components**
- Black UV Protected PP Stand
- 1/2” O.D. PVC Tubing Vent to Tank
- Sigma Series Metering Pump
- 2000mL PVC Calibration Column
- 1” PVC/Viton Pulsation Damper
- 1/2” PVC/Viton NPT Ball Valve Product Outlet
- 1” PVC/Ball Valve Product Inlet
- 1/2” PVC/Viton NPT Ball Valve Flush Port
- 1” PVC Pressure Relief Valve (Adjustable 0-150 PSI)
- Type 4 Enns Pulsation Damper
- 1” PVC Back Pressure Valve (Adjustable 0-150 PSI)

**Dimensions**
- 42.00 x 3.75
- 36.00 x 14.50
- 30.50 x 18.50

**Material Details**
- 150 PSI
- Chemical Service =