NOTES:  
1. ALL PIPING AND FITTINGS SHALL BE 1/2" AND 3/4" SCH. 80 PVC SOCKET WELD WITH VITON SEALS AS REQUIRED BY COMPONENTS.  
2. EMULSION POLYMER BLENDING SYSTEM WITH THREE ZONE PVC MIXING CHAMBER.  
3. REQUIRED INCOMING POWER: 
   120VAC, 60HZ, 1 PHASE, 20 AMP CURRENT RATING AT 120 VAC  
4. ALL DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR REFERENCE ONLY.

**PIPING SCHEMATIC**

**SIDE VIEW**
- 1/2" NPT POLYMER INLET
- 1/4" PVC/VITON NPT BALL VALVE
- MIXING CHAMBER DRAIN
- 1/8" HP BONFIGLIOI MOTOR PN 7746317
- 115VAC, 1620 RPM
- NEAT POLYMER 1/2" NPT INJECTION VALVE
- 1/2" PVC/VTION NPT BALL VALVE
- MIXING CHAMBER DRAIN

**PLAN VIEW**
- CONTROL PANEL PN 7746588
- BLACK UV PROTECTED POLYPROPYLENE STAND
- 3/4" PVC NPT 2400 PSI POLYMER OUTLET
- INSPECTION WINDOW
- 3/4" PVC NPT 3/8" BRASS NPT BALL VALVE
- 1/2" PVC/VTION NPT INJECTION VALVE
- NEAT POLYMER 1/2" PVC/VTION NPT BALL VALVE
- MIXING CHAMBER DRAIN

**FRONT VIEW**
- 1/2" FNPT PVC/EPDM GLOBE VALVE 2 TYP.
- 3/4" CLEAR PVC STATIC MIXER
- POLYMER SOLUTION INSPECTION WINDOW
- BLACK UV PROTECTED POLYPROPYLENE STAND

**LEFT ISOMETRIC VIEW**
- 3/4" PVC NPT POLYMER OUTLET
- CONTROL PANEL PN 7746588
- BLACK UV PROTECTED POLYPROPYLENE STAND
- INSPECTION WINDOW

**RIGHT ISOMETRIC VIEW**
- NEAT POLYMER PEROISLATIC PUMP STENNER MODEL: SVP4L3A
- MAX. CAPACITY: 1.67 GPH @ 25 PSIG
- 2/1/2 316 SST PRESSURE GAUGE 0-60 PSIG
- 1/2" BRASS NPT CHECK VALVE
- PRIMARY DILUTION 9.2 GPH PVC FLOW METER WITH REED SWITCH
- 1/2" PVC/VTION NPT BALL VALVE 2 TYP.
- 1/2" PVC/VTION NPT BALL VALVE
- MIXING CHAMBER DRAIN
- 1/2" PVC/VTION NPT BALL VALVE
- MIXING CHAMBER DRAIN

**GENERAL ARRANGEMENT**
- 1/2" PVC/VTION NPT BALL VALVE 2 TYP.
- 1/2" PVC/VTION NPT BALL VALVE 2 TYP.
- MAXIMUM TESTING PRESSURE = 150 PSI
- MAXIMUM OPERATING PRESSURE = 25 PSI
- CHEMICAL SERVICE = POLYMER

**CUSTOMER**
- PROMINENT FLUID CONTROLS INC. (PROMIX S SYSTEM)

**DATE**
- 04/15/11
- 12/15/10
- 07/26/10

**DESCRIPTION**
- CHANGED PUMP & PRESSURE GAUGE
- CHANGED PUMP TUBING TO TGOTHANE
- CHANGED 1/2" TUBING TO 3/8" TUBING