NOTES:
1. ALL PIPING AND FITTINGS SHALL BE 1/2", 3/4", 1" AND 1-1/2" 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.
5. SEEPEX PUMP MUST BE INSTALLED SO THAT IT HAS A FLOODED SUCTION. DO NOT RUN THE SEEPEX PUMP DRY.

PIPING SCHEMATIC

PLAN VIEW
1-1/2" CLEAR PVC STATIC MIXER POLYMER SOLUTION INSPECTION WINDOW
1-1/2" PVC NPT GLOBE POLYMER OUTLET
1-1/2" BRASS NPT GLOBE VALVE 2 TYP.
1/4" PVC/VITON NPT BALL VALVE MIXING CHAMBER DRAIN

SIDE VIEW
1/4" PVC/VITON NPT BALL VALVE MIXING CHAMBER DRAIN
40.00
24.00
17.75
9.75
8.75
3.57
1.75
1.75
1.25
2 PLACES TYP.

FRONT VIEW
1-1/2" BRASS NPT CHECK VALVE W/ REED SWITCH
1/4" PVC/VITON NPT BALL VALVE MIXING CHAMBER DRAIN

LEFT ISOMETRIC VIEW
500mL PVC CALIBRATION COLUMN
1/2" PVC BACKPRESSURE VALVE ADJUSTABLE 0-150 PSIG
3/4" BRASS FNPT CHECK VALVE
SECONDARY DILUTION 0-30 GPM PVC FLOW METER
3/4" SKT PVC/EPDM GLOBE VALVE 2 TYP.
1-1/2" CLEAR PVC EPOXY GLOBE VALVE 2 TYP.

RIGHT ISOMETRIC VIEW
1" PVC/VITON NPT BALL VALVE NEAT POLYMER INLET
3/4" SAE FRAME WELDED 1" STRUCTURAL TUBING

NOTE:
POLYMER
CHEMICAL SERVICE = MAXIMUM OPERATING PRESSURE = MAXIMUM TESTING PRESSURE = POLYMER SOLUTION INSPECTION WINDOW
100 PSI
150 PSI
1/2" PVC INLET AND OUTLET
NEAT POLYMER 1/2" PVC PRESSURE RELIEF VALVE ADJUSTABLE 0-150 PSIG
NEAT POLYMER PROGRESSIVE CAVITY PUMP SEEPEX MODEL MDP MD P 006-12/A 6-P 8-P 8-H 0-G A-X MAX. CAPACITY: 10.0 GPH @ 100 PSIG MAX. RPM: 234
1-1/2" BRASS NPT 120V NORMALLY CLOSED SOLENOID VALVE WATER INLET
3/4 HP LEESON MOTOR 115/208-230 V 1 PHASE TEFC
304 SST FRAME WELDED 1" STRUCTURAL TUBING
2-1/2" 316 SST PRESSURE GAUGE WITH CPVC/PTFE ISOLATOR 0-160 PSIG
3/4" PVC/EPDM GLOBE VALVE 2 TYP.
1/2" NPT INJECTION VALVE 1.75 TYP.
3/4" NPT INJECTION VALVE 1.75 TYP.
3/4" NPT INJECTION VALVE .504 PLACES TYP.
3/4" NPT INJECTION VALVE 1.504 PLACES TYP.

CUSTOMER
PROMINENT FLUID CONTROLS INC.
(PROMIX M SYSTEM)

PROMIX M CONTROL PANEL
PIN 7746571

PROMIX M, 0-1500X2-10.0PA SYSTEM SKID
GENERAL ARRANGEMENT

PROMINENT GROUP OF COMPANIES
PITTSBURGH, PA USA              WWW.PROMINENT.US
490 SOUTHGATE DRIVE. GUELPH, ONTARIO, CANADA

DESIGNED CHECKED DRAWN
GJS
N1H 6J3
GJS

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