WATER TREATMENT EQUIPMENT DOWNSTREAM OF THE CHEMICAL FEED PUMP INJECTION POINT WILL VARY, I.E. APPLICATION-SPECIFIC BASED UPON A WATER SAMPLE ANALYSIS.

FOR EXAMPLE, A LOW PH APPLICATION REQUIRING ONLY INJECTING SODA ASH SOLUTION, I.E. NO CHLORINE BLEACH REQUIRED FOR DISINFECTION AND OXIDATION, WOULD NOT REQUIRE A RETENTION TANK.

THIS PROPORTIONAL FEED SET-UP IS BASED ON THE CHEMICAL FEED PUMP ACCEPTING PULSES FROM THE CONTACTING HEAD WATER METER.

THE CONTACTING HEAD WATER METER SENDS A PULSE TO THE FEED PUMP EVERY 0.1 GALLONS, I.E. 0.1 GALLONS PER CONTACT (GPC).

THE C SERIES ELECTRONIC SOLENOID TYPE DIAPHRAGM FEED PUMP SOLUTION INJECTION CAPACITY IS CONTROLLED BY THE PUMP'S % STROKE LENGTH ADJUSTMENT KNOB (0 TO 100% STROKE LENGTH PER PULSE).

THE XP SERIES PERISTALTIC FEED PUMP SOLUTION INJECTION CAPACITY IS CONTROLLED BY ADJUSTING THE PUMP'S RUN TIME CONTROL KNOB (0.2 TO 10 SECONDS RUN TIME PER PULSE).

THE PUMPS DO NOT ACCUMULATE PULSES THAT ARE RECEIVED DURING THE RUN TIME.