



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.

LANCASTER WATER TREATMENT

LANCASTER PUMP DIVISION C-B TOOL COMPANY
1340 MANHEIM PIKE LANCASTER, PA. 17601

DWG.(PART)NAME		
PROPORTIONAL CHEMICAL FEED WATER TREATMENT APPLICATION EXAMPLE		
DRAWN BY APP'D BY <i>M.A.A.</i>	DATE 6-20-19	DWG.(PART)NO.
SIZE B	SCALE NA	PROPORTIONALCHEMFEED
THIS DRAWING IS THE PROPERTY OF C-B TOOL CO. AND IS NOT TO BE COPIED OR USED OR DISCLOSED TO OTHERS BY THE RECEIVER WITHOUT WRITTEN AUTHORIZATION BY C-B TOOL CO.		