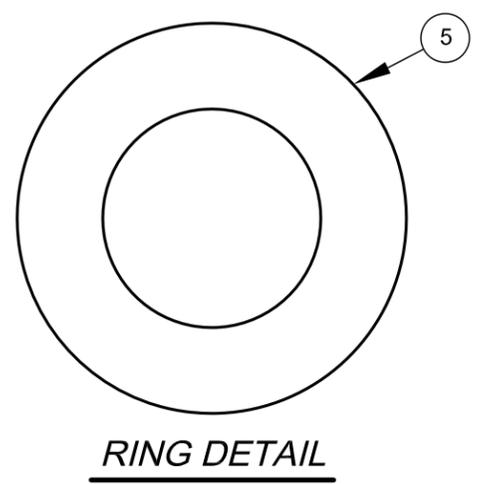


SIDE ELEVATION

FRONT ELEVATION



RING DETAIL

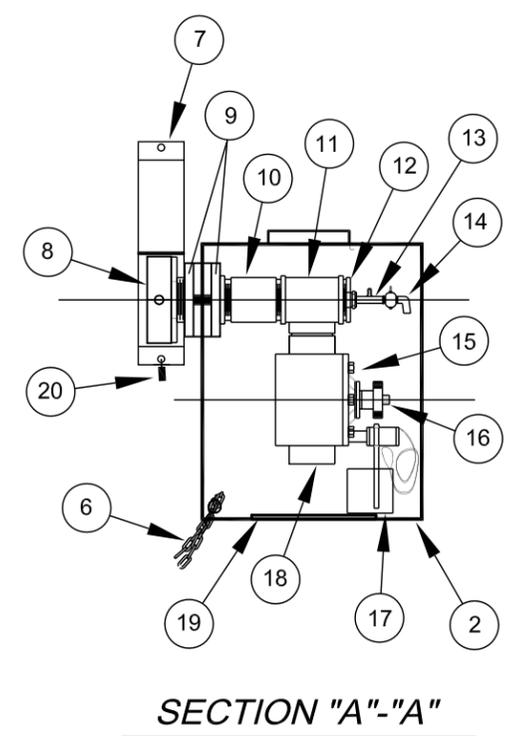
NOTES

A AUTO FLUSHER IS INTENDED FOR WARM WEATHER USE. ASSEMBLY SHOULD BE REMOVED DURING COLD WEATHER MONTHS TO AVOID DAMAGE DUE TO FREEZING.

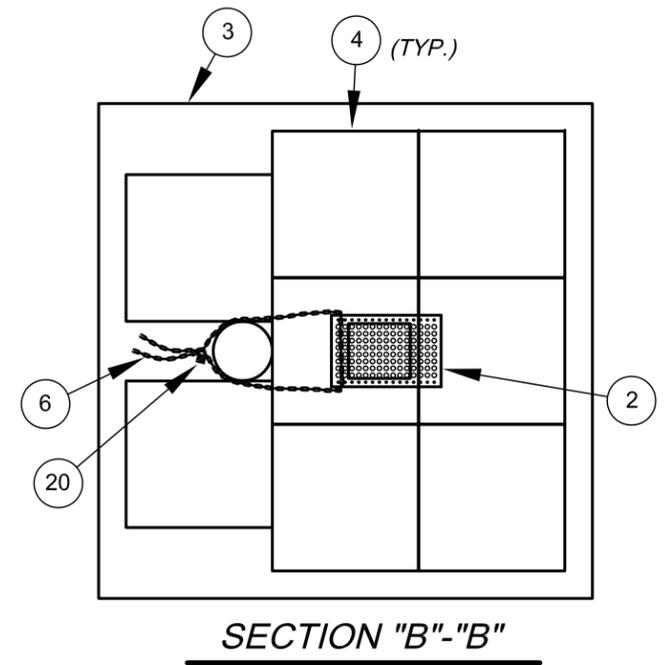
B MANUAL FLUSHING REQUIRED TO MAINTAIN WATER QUALITY DURING COLD WEATHER MONTHS.

C SHOWN AS TEMPORARY APPLICATION - IF PERMANENT INSTALLATION - REPLACE #3 AND #4 WITH CAST - IN PLACE CONCRETE PAD - MIN. 4 FT. x 4 FT. x 4 IN. THICK WITH WIRE REINFORCEMENT, FLUSH WITH FINISH GRADE.

NO.	DESCRIPTION
1	STANDARD FIRE HYDRANT
2	KUPFERLE #9700-Y HYDRANT AUTO FLUSHER (YELLOW) (INCLUDING #8-19)
3	6 MIL. HDPE PLASTIC FILM (54"x54") - SEE NOTE C
4	16"x16"x2" PATIO PAVERS-CONCRETE - 8 EA - SEE NOTE C
5	HYDRANT STORZ NOZZLE W/RED OUT-OF-SERVICE RING (O.D. = 12.5", I.D. = 7.0", t = 0.05")
6	CAMPBELL BLU-KROME 1/4" PROOF COIL CHAIN 5 LF
7	LOCKING NOZZLE COLLAR - KUPFERLE #9708-Y WITH PADLOCK (MASTERLOCK #??, KEY #??)
8	2 1/2" FH NOZZLE COUPLING
9	KUPFERLE ADAPTER
10	2" THREADED NIPPLE
11	2"x2"x2" TEE FIP THREAD
12	PLUG/TAP
13	WATER SAMPLE VALVE
14	BRASS WATER SAMPLING BIBB
15	2" SOLENOID CONTROL VALVE; P-220 SERIES
16	MANUAL FLOW CONTROL KNOB
17	HUNTER DIGITAL PROGRAMMABLE CONTROLLER WITH 9 VOLT LITHIUM BATTERY
18	2" FIP OUTLET (MAY BE HARD PIPED FOR DISCHARGE)
19	REMOVABLE DIFFUSER PLATE W/4BOLTS/NUTS
20	PADLOCK (MASTERLOCK #??, KEY #??)



SECTION "A"- "A"



SECTION "B"- "B"

NO SCALE

STANDARD NO. A

VERSION NO. 1.1

VERSION DATE 9.02.2009

AUTOMATIC FLUSHER-HYDRANT

CHARLOTTE-MECKLENBURG UTILITIES

STANDARD DETAILS

WATER

CHARLOTTE