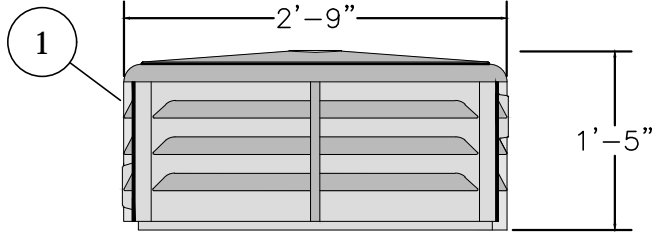
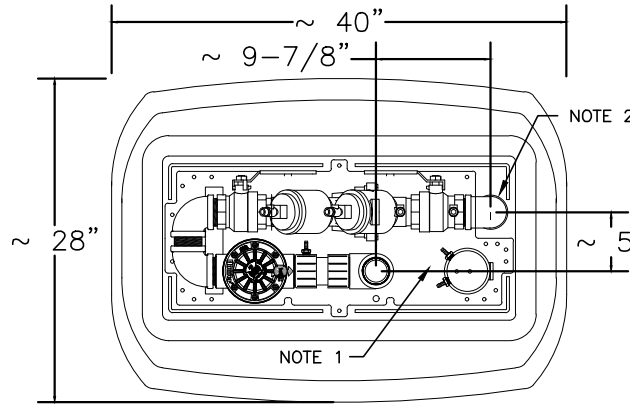


#9800WC w/ BACKFLOW PREVENTION FLUSHING DEVICE



A LID
Scale: 3/4"=1'-0"

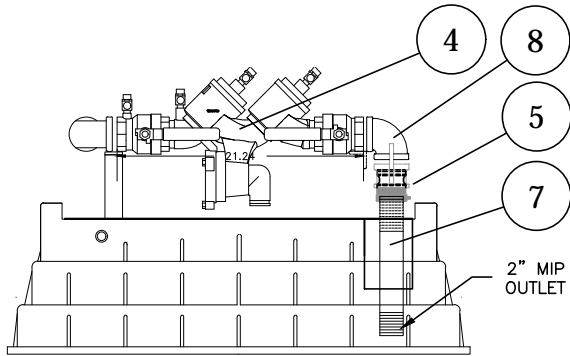


D HYDRANT TOP
Scale: 3/4"=1'-0"

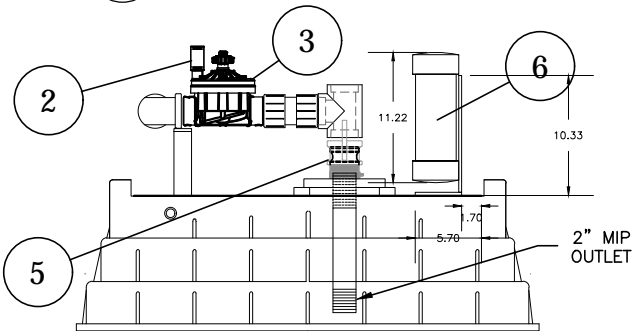
ITEM	ITEM / DESCRIPTION	NOTES:
1	UV RESISTANT LOCKABLE LID	
2	DC LATCHING SOLENOID	
3	2" ICV VALVE	
4	BACKFLOW PREVENTION DEVICE	
5	2" S.S. QUICK DISCONNECT	
6	DECHLORINATION TABLET FEEDER	OPTIONAL
7	2" PIPE CLAMPS	NOT SHOWN
8	SAMPLING VALVE	NOT SHOWN

NOTES:

- 1.) DECHLORE PIPING/PLUMBING NOT SHOWN FOR CLARITY PURPOSES.
- 2.) 2" INLET PIPE SHALL BE HELD INTO PLACE VIA TWP 2" PIPE CLAMPS.



B DUAL CHECK SIDE
Scale: 3/4"=1'-0"



C VALVE & DECHLORE SIDE
Scale: 3/4"=1'-0"

Automatic flushing unit shall have a 2" MIP inlet and a 2" MIP outlet connections.

The flushing valve shall control the flow of water through the hydrant and its diaphragm with the extension and retraction of a DC latching solenoid and have a 220 PSI rating. Each unit shall be furnished with a stand-alone valve controller. The valve controller will not require a second hand-held device for programming. Controller must have minimum of 12 possible flushing cycles per day. Controller shall be submersible to 12 feet, operate with a 9 volt battery, and have resin-sealed electrical components. The solenoid shall have no loose parts when removed from the valve.

The hydrant shall be equipped with a OEM installed, factory tested, Dual Check Valve (DC) or Wilkins - Zurn Reduce Pressure Zone (RPZ) that must be testable.

Removal of the 2" valve and backflow device (DC/RPZ) shall be possible via a pair above-ground stainless steel quick disconnects to allow for easy maintenance/replacement repair of all operating parts of the hydrant.

Each unit shall have an all stainless steel or brass sampling point located on the inlet side of the hydrant before both the 2" flushing valve and the backflow devise (DC/RPZ).

Unit shall have the option of adding a siphon style dechlorination tablet feeder inline with drain pipe.

Valve assembly shall be housed in a UV-Resistant lockable cover.

Unit shall be only for use in warm climates with the ability to allow for the installation of freeze protection valve to protect the hydrant against short peroids of below freezing temperatures.

Unit model # shall be 9800WC w/ Dual Check Backflow Prevention as manufactured by Kupferle Foundry Company, St. Louis MO, or approved equal.

KUPFERLE DOES NOT PROVIDE A WARRANTY OF ANY KIND OR ACCEPT LIABILITY FOR ANY BACKFLOW DEVICE INSTALLED ON THE HYDRANT. SHOULD ANY BACKFLOW DEVICE FAIL OR HAVE ISSUES ALL CONCERNS/ISSUES SHOULD BE BROUGHT TO THE ATTENTION OF THE BACKFLOW PREVENTION DEVICE'S MANUFACTURER.	
DD/MM/YY	ISSUED FOR REFERENCE
DATE	STATUS / REVISION

DRAWN BAM	
CHECKED DCL	
APPROVED DCL	
SHEET 1 OF 1	SCALE: 1"=1'-0"
DATE 1/12/15	
9800WC w/ BACKFLOW SPEC SHEET	



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