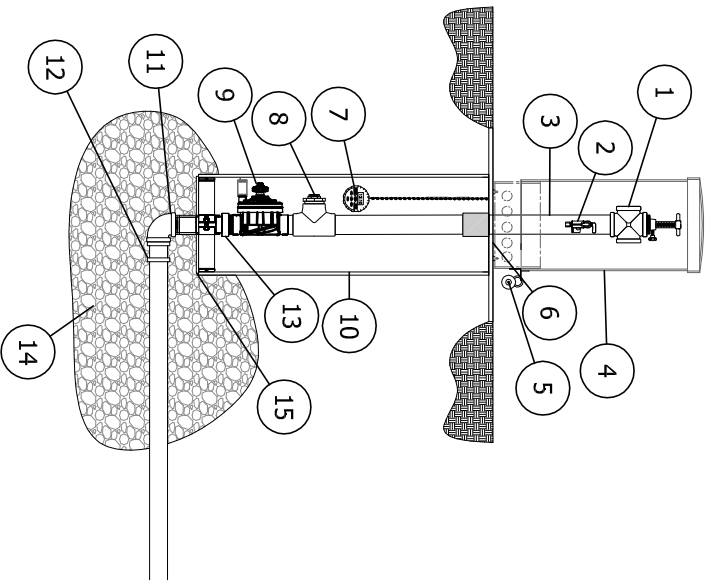


#9400 AUTOMATIC FLUSHING DEVICE

#9400 Automatic Flushing device shall be installed in the following locations:



ITEM	ITEM / DESCRIPTION	OPTIONAL	BY OTHERS
1	2" WATER FLOW RESTRICTOR		
2	SAMPLING POINT		
3	2" PVC PIPE		
4	UV RESISTANT LOCKABLE DOME ENCLOSURE		
5	LOCKING POINT		
6	REMOVABLE ACCESS PLATE		
7	CONTROLLER		
8	AUTOMATIC DRAIN		
9	2" AUTOMATIC VALVE		
10	SDR 35 SEWER PIPE		
11	2" SS MIP INLET	X	X
12	2" MIP x COMPRESSION ADAPTER		X
13	O-RING CONNECTOR		
14	1" CLEAN ROCK		
15	DEBRIS PLATE		X

Automatic flushing device shall have a 2" Stainless Steel MIP inlet, that will lead vertically to the bottom into a 2" automatic flushing valve. 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. Valve controller will not require a second hand-held device for programming. Controller must have minimum of 12 possible flushing cycles per day. Shall be submersible to 12 feet, operate with a 9 volt battery and have resin-seated electrical components. Solenoid shall have no loose parts when removed from valve. Removal of 2" solenoid valve shall be possible via an o-ring connector located under the valve after removal of stainless steel access plate. Valve assembly shall be contained within a UV-resistant locking cover.

Unit model # shall be 9400 as manufactured by Kupferle Foundry Company. Model #9400 St. Louis, MO. 1-800-231-3990, or approved equal.

NOTE: Flush water lines free of debris before installation

DATE	STATUS / REVISION

SHEET	OF	SCALE:	1/2"=1'	DRAWN	INITIALS	DATE
#9400	SPEC	SHEET		APPROVED	SMS	10/4/16
				MODIFIED	DCL	10/4/16

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