



ITEM	ITEM / DESCRIPTION
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
12	2" MIP x COMPRESSION ADAPTER
13	O-RING CONNECTOR
14	1" CLEAN ROCK
15	DEBRIS PLATE
16	2" MIN. CURB STOP VALVE

Notes:

1. Unit shall be Kupferle Foundry Company Model #9400, Mueller Model #FC100, or approved equal.
2. Flush water lines free of debris before installation.
3. Automatic flushing device shall have a 2" Stainless Steel MIP inlet, that will lead vertically to the bottom into a 2" automatic flushing valve.
4. 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.
5. Each unit shall be furnished with a stand-alone valve controller.
6. Valve controller will not require a second hand-held device for programming.
7. Controller must have minimum of 12 possible flushing cycles per day.
8. Shall be submersible to 12 feet, operate with a 9 volt battery and have resin-seated electrical components.
9. Solenoid shall have no loose parts when removed from valve.
10. Removal of 2" solenoid valve shall be possible via an o-ring connector located under the valve after removal of stainless steel access plate.
11. Valve assembly shall be contained within a UV-resistant locking cover.



CITY OF COEUR D'ALENE STANDARD DRAWING

AUTOMATIC FLUSHING DEVICE

APPROVED BY:

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10/1/24
DATE:

DWG NO.

W-50