

COMMISSIONERS OF PUBLIC WORKS
OF THE CITY OF GREENVILLE
SOUTH CAROLINA

GREENVILLE WATER

CONSTRUCTION SPECIFICATIONS

FOR

WATER MAINS

ADDENDUM NO. 1

October 16, 2014

1. Replace Section 5-6 with the following:

5-6. GATE VALVES

5-6.01. Iron-Body Resilient-Seat (IBRS) Gate Valves - sizes 2-inch – 12-inch inclusive. Order Specification: Resilient Wedge, Non-Rising Stem (NRS), Rated at 200 psig WWP, O-Ring Seals, Standard 2-inch Square Wrench Nut, and conforming to ANSI/AWWA C509 or C515. Check with Engineering for direction of opening.

5-6.02. APPROVED IBRS GATE VALVES, SIZES 4-inch – 12-inch, INCLUSIVE:

<u>NAME</u>	<u>CATALOG #, MJ ENDS</u>
1. American Flow Control	Series 2500
2. Mueller	Series 2360 or 2361
3. U.S. Pipe	A-USPO
4. Clow Valve Co.	Model 2368 or 2369

Check with Engineering for specifications on all valves over 12-inch size.

5-6.03. APPROVED IBRS GATE VALVES, SIZE 2-inch: Threaded x Threaded Ends (NPT), with Standard 2-inch Square Wrench Nut, Open Left, conforming to AWWA C509 or C515, rated at 200 psi WWP.

<u>NAME</u>	<u>CATALOG #</u>
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| 1. | American Flow Control | Series 2500 |
| 2. | Mueller | Series 2360 |
| 3. | U.S. Pipe | A-USPO-8 |

5-6.04. APPROVED BRONZE VALVES, SIZE 2-inch: All 2-inch bronze gate valves shall be solid wedge, inside screw, non-rising spindle, rated 125 psi SWP or 200 psi WOG, Open Left, threaded ends (NPT), with standard markings and complying with Fed. Spec. WW-V-54.

	<u>NAME</u>	<u>CATALOG #</u>
1.	CRANE COMPANY (Canadian manufacture only)	438

2. Replace Section 5-7 with the following:

5-7. FIRE HYDRANTS - All fire hydrants shall be 4-1/2-inch minimum nominal valve opening, National Standard Nozzle Threads and Operating Details, Two 2-1/2-inch nozzles and One 4-1/2-inch nozzle, 6-inch M.J. Inlet Connection, depth of bury to suit field conditions, painted highway safety yellow, breakable ground flange and conforming to AWWA C502. Check with Engineering for direction of opening. See Typical Hydrant Installation detail.

5-7.01. APPROVED FIRE HYDRANTS:

	<u>NAME</u>	<u>CATALOG #</u>
1.	American-Darling	B-62-B (5-1/4-inch Valve Opening)
2.	American-Darling	MK 73-5
3.	U. S. Pipe	Sentinel 250 (4-1/2-inch or 5-1/4-inch Valve Opening)
4.	Mueller Super Centurion 250	A-421 (4-1/2-inch Valve Opening)
5.	Mueller Super Centurion 250	A-423 (5-1/4-inch Valve Opening)
6.	M&H	Model 129 – 3 Way (4-1/2-inch or 5-1/4-inch Valve Opening)
7.	Clow Valve Co.	Medallion (4-1/2-inch or 5-1/4-inch Valve Opening)

3. Replace the second paragraph of Section 5-8 with the following paragraph:

Individual air release valves shall have a 1-inch inlet connection unless otherwise noted on the drawings, and shall be GA Industries “Figure 920H,” Multiplex “Crispin Type N,” APCO “200A,” or Vent-O-Mat “Series RBX.” A gate valve shall be provided in the piping to each air release valve.