



**City of Asheville Water Resources Department
Approved Manufacturers Products List**

- 1. Ductile Iron Class 350 Water Pipe:**
 - American Cast Iron Pipe Co.
 - Griffin Pipe
 - U. S. Pipe
 - Atlantic States

- 2. Fire Hydrants AWWA C-502, ASTM B-61, B-62 or B-96, 250 PSI rating:**
 - Clow Medallion
 - American MK-73-5
 - Mueller Super Centurion 250
 - M&H Model 129

- 3. Resilient Seated Gate Valves (4" through 8")
250 PSI Rating, AWWA C-500, C-509, C-115:**
 - Clow
 - American Flow Control Series 2500
 - Mueller 2360 Series
 - M&H 4067-01
 - U.S. Pipe Metro Seal 250

- 4. Butterfly Valves (10-inch & Larger) , 250 PSI rating**
 - Mueller
 - Dezurik
 - M & H

- 5. Resilient Seated Tapping Valves MSS SP60, Two Piece type**
 - Clow
 - Mueller
 - American Flow Control

- 6. Spring Loaded Check Valves AWWA C-508**
 - Muller A-2600-6-01
 - American Series 50

7. Check Valves on Firelines

- Valve must be UL / FM Approved

8. Air Release Valves:

- Golden Anderson GA-920
- Apco 200 A
- Empire
- Crispin AR-10

9. Control Valves (Pressure Reducing , Pressure Sustaining, etc.)

- Ross
- Cla-Val

10. Automatic Flushing Valves

- Kupferle Foundry Company
- Hydro-Guard

11. Water Service Fittings (Lead Free Brass)

(Approved Manufacturers) Ford, A Y McDonald, Mueller & Cambridge

<u>AY McDonald</u>	<u>FORD</u>	<u>MUELLER</u>	<u>CAMBRIDGE</u>
5/8 inch Service			
14-1 Iron Yoke Bar	Y501	5/8" H-5010	460-1
714-1EHG Expansion Connection	EC 1-NL	5/8" H-14234N	430NL-1
76102 WYT 3/4x5/8x01 Straight Ball Valve	B94-213W-Q-NL	B-24359N	212NL-H3SR1
711-3YF 23 In Line Dual Check	HHS91-313-NL	H-14247N	500NL-SR1F3
74701B-22 3/4" Corp Stop	FB1000-3-Q-NL	3/4" B25008N	301NL-A3H3
3/4-inch Service			
14-3 Yoke Bar	Y503	3/4" H-5030	460-3
714-2EHG Expansion Connection	EC 23-NL	3/4" H-14234N	430NL-3
76102 WYT 3/4x5/8x02 Straight Ball Valve	B94-223W-Q-NL	B-24359N	212NL-H3SR3
711-3YF 33 In Line Dual Check	HHS91-323-NL	H-14247N	500NL-SR3F3
74701B-22 1" Corp Stop	FB1000-4-Q-NL	1" B25008N	301NL-A4H4

1-inch Service				
14-4 Iron Yoke Bar	Y504		1" H-5040	460-4
714-4EHG Expansion Connection	EC 4-NL		1" H-14234N	430NL-4
76102-22 1x3/4x04 Straight Ball Valve	B94-344W-Q-NL		1" B-25359N	212NL-H4SR3
74701B-22 1" Corp Stop	FB1000-4-Q-NL		1" B-25008N	301NL-A4H4
	HHS91-344-NL (Check)			500NL-SR4F4
1-1/2 inch Service				
720B612WDFF 665 1 1/2" Meter Setter	VBHH76-12B-11-66-NL		1 1/2X12 B-2423	6020NL-612F6F6-UQB
73131B 2" Corp Stop	FB500-7-NL		2" B-2969N	301NL-M6M6
2-inch Service				
720B712WDFF 775 2" Meter Setter	VBHH77-12B-11-77-NL		2x12" B-2423	6020NL-712F7F7-UQB
73128 B 2" Corp Stop	FB400-7-NL		2" B-2996 N	301NL-A7M7

12. Misc Water Service Fittings:

Any brass part of the fitting or valve not in contact with potable water shall be made of 85-5-5-5 brass as defined for this specification as UNS Copper Alloy C83600 per ASTM B30, ASTM B62, ASTM B584 and AWWA C-800. Water service fittings included in this specification are : Unions, Nipples, Bushings, Couplings & Tees as manufactured by Merit Brass or approved equal.

13. Copper Service Pipe:

- Type "K" conforming to ASTM B-88

14. Service Line Tapping Saddles (double straps / cc thread) 250 PSI ratings):

- Mueller
- Smith Blair
- Ford
- Romac

15. Joint Restraint

- Ebaa Iron (Mega Lug)
- Sigma One Lok
- Ford Uni-Flange 1400 Series
- Star Pipe Products
- Smith Blair (" Cam-Lock Series 111/120)

- 16. Tapping Sleeves (Ductile Iron / Mechanical Joint Full Body)**
 - Mueller
 - Clow
 - American

- 17. Pre-manufactured Concrete Vaults:**
 - Tindall
 - Old Castle
 - Southern Concrete

- 18. Above Ground heated Enclosures ASSE 1060**

- 19. Ductile Iron Fittings**
 - All ductile iron pipe fittings shall be mechanical joint in accordance with ANSI/AWWA Specifications A 21.53 / C-153 for underground piping. All exposed ductile iron pipe fittings shall be flanged in accordance with ANSI Specification B 16.1 for exposed piping.

 - All fittings shall be lined with cement mortar not less than 1/16-inch thick in conformance with ANSI / AWWA Specifications A 21.4 / C-104 and suitable for a minimum of 250 psi working pressure unless otherwise specified.

- 20. Double Leaf Vault Access Doors:**
 - Halliday Products
 - Bilco
 - U.S.F Fabrication, Inc

- 21. Back-Up Power Generator for Booster Pump Station**
 - Cummings

**** Substitute products will not be considered on a project by project basis. Manufacturers can submit alternate material product information for review by the Water Resources Department for inclusion on the approved product list.**