ASHEVILLE

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. **Tapping Sleeves Tapping Sleeves (Ductile Iron / Mechanical Joint Full Body)**
    - Mueller
    - Tyler Union (25U)
    - American

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

13. **Water Service Fittings (Lead Free Brass)**

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

AY McDonald	-	FORD	-	MUELLER	-	CAMBRIDGE
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

14. 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.

15. Copper Service Pipe:

- Type “K” conforming to ASTM B-88

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

- Mueller
- Smith Blair
- Ford
- Romac

17. Meter Box, Rim & Lid:

- Star MB-0047
- Sigma MB-621

18. Pre-manufactured Concrete Vaults:

- Tindall
- Old Castle
- Southern Concrete

19. Above Ground heated Enclosures ASSE 1060

20. 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 then 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.

21. Double Leaf Vault Access Doors:

- Halliday Products
- Bilco
- U.S.F Fabrication, Inc

22. Back-Up Power Generator for Booster Pump Station

- Cummings

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