

## SPECIFICATIONS:

### **1. FIRE HYDRANT:**

A. Manufacturer: Clow  
B. Model: Medallion F-2545 Breakaway  
C. Color: Red (Yellow for Private Hydrants)  
D. Nozzles: 2 - 2 1/2" and 1 - 5 1/4" National Standard  
E. Inlet: Aux Valve attached (Flange - w/mech joint inlet)  
F. Depth: Bury depth (Field Verification)  
G. Required Options: Stainless Steel Hardware  
Valve Box & Stabilizer on Auxiliary Valve

### **2. VALVES:**

A. Manufacturer: Mueller  
B. Seat: Resilient Wedge - 4" thru 12"  
C. Valve Box: Mueller H-10360  
D. Required Option: Stainless Steel Hardware, Valve Box & Stabilizer  
E. In Public Right-of-Way

### **3. TAPPING SLEEVES:**

A. Manufacturer: Smith Blair - Model 665 w/stainless steel bolts

### **4. REPAIR CLAMP**

A. Manufacturer: Smith Blair - Model 261 or Model 264 if a tap is needed.

### **5. SERVICE SADDLES:**

A. Manufacturer: Smith Blair  
B. Model: 317  
C. Use: For the installation of water services above 1" on all  
Cast Iron, Ductile Iron, and PVC water main

### **6. WATER SERVICES:**

A. Material: Type K Copper 1" through 2"  
Ductile Iron 3" and above

### **7. WATER SERVICE FITTINGS:**

A. Material: Brass  
B. Joint Type: Compression  
C. Manufacturer: AY McDonald  
D. Corp. Stop: 747-01-BQ  
E. Curb Stop: 76104Q  
F. Curb Box: 5614 (3/4" - 1"), 5615 (1 1/2" - 2")

### **8. WATER MAIN PIPE:**

A. Material: Ductile Iron Class 52 Zinc Coated  
B. Joints: Push Joints or Mechanical Joints (on small footage)

### **9. FITTINGS AND ACCESSORIES:**

A. Glands: Mega Lugs (Restraint on Ductile Iron Pipe)  
B. Stainless Steel Bolts: Required on all valves and hydrants (including T-Bolts)  
C. Field Lok Gaskets: Approved use only  
D. Tracer Wire: Installed on all PVC  
E. Warning Tape: Above all PVC

### **10. SEWER PIPE:**

A. Type: PVC SDR 26 (ASTM D-2241)  
B. Service Size: 6" (Min.)  
C. Connection to Main: Tee fitting with 45 bend (Saddles require approval)  
D. PVC Fittings: SDR 26  
E. Connection Couplings: Non-shear Couplings