

# Wayland Water Department

## Quick Reference Specifications

### Fire Hydrant Specification

Accepted Hydrants for Installation:

- American Darling B-84-B
- Kennedy K-81-D
- AVK American 2780

Bury Depth: **5' 6"**

Valve Size: **5 ¼"**

Nozzle Arrangement: **(2) 2 ½" & (1) 4 ½"**

Nozzle Thread: **National Standard Thread**

Color: **Safety Red Barrel with White Caps**

Paint: **Epoxy Factory Coating**

Operating Nut: **Pentagon**

Opening Direction: **Left**

### Gate Valve Specification

- Mechanical Joint Resilient Seated Gate Valve
- Gate Valves must meet or exceed the requirements of AWWA C509

Opening Direction: **Left**

Operating Nut: **2" square**

Stem: **Non-Rising**

Wedge: **Must be fully encapsulated, no exposed iron**

Coating: **Internal and external surfaces shall be coated with fusion bonded epoxy**

Gate Box: **Domestic manufacture, 2 piece sliding, Heavy cover w/ "WATER" cast in**

## Pipe & Fittings Specification

Minimum size pipe for water main installation shall be 8". 6" diameter pipe is allowed for hydrant branches.

Pipe shall be Class 52 Ductile Iron and must meet the requirements of AWWA C151

Pipe Fittings shall comply with AWWA C153

All Mechanical Joint Glands shall be restraint glands as manufactured by EBAA Iron "Megalug" or approved equal.

## Water Service Specification

**\*\*As of January 1, 2014, all water service brass fittings must be lead free\*\***

Minimum Size: 1"

Tubing: Main to Curb must be K type Copper Tubing; Curb to house can be K type Copper or Copper Tubing Size HDPE

Tracer Wire: Must be used on HDPE (12 gauge solid core wire)

Tap: Direct tap for 1". 1 ½" – 2" taps will require a saddle

Corporation: Lead Free Brass Ball style w/ "quick" compression nut. Wedge style corps prohibited.

Curb stop: Lead Free Brass w/ "quick" compression nut. Draining curb stops are prohibited.

Curb Box Style: 1" services – ERIE Box w/ pentagon cover. 1 ½" – 2" services – Buffalo box