


FOR COMPONENT DETAILS REFER TO THE CITY OF ESCONDIDO UTILITIES APPROVED MATERIALS LIST LOCATED ON THE CITY WEBSITE.

- ① BACKFLOW PREVENTION ASSEMBLY
- ② 90° ELBOW (THREADED RED BRASS OR COPPER)
- ③ UNION (THREADED RED BRASS OR COPPER)
- ④ NIPPLE (THREADED RED BRASS, OR COPPER, VARIES IN LENGTH)
- ⑤ WATER METER STD. W-1-E OR W-2-E

NOTES:

- A) ALL INSTALLATIONS SHALL BE ABOVE GROUND.
- B) ALL BACKFLOW PREVENTION ASSEMBLIES SHALL BE AS CLOSE TO THE WATER METER AS POSSIBLE.
- C) THE BACKFLOW PREVENTION ASSEMBLY SHALL BE SELECTED FROM THE APPROVED U.S.C. LIST ON FILE WITH THE CITY.
- D) NO CONNECTIONS SHALL BE MADE BETWEEN THE WATER METER AND THE BACKFLOW PREVENTION DEVICE.
- E) TYPE OF BACKFLOW PREVENTION DEVICE SHALL BE BASED ON THE DEGREE OF HAZARD.
- F) CITY SHALL HAVE ACCESS TO BACKFLOW PREVENTION DEVICE AT ALL TIMES.
- G) REFER TO STANDARD DRAWINGS FOR INSTALLATION OF WATER METER & SERVICE. (W-1-E AND W-2-E)
- H) OPTIONAL: STRAINER LOCATED DOWNSTREAM OF ASSEMBLY.
- I) BACK FLOW PREVENTION ASSEMBLY SHALL HAVE AT LEAST THE SAME CROSS-SECTIONAL AREA AS THE WATER METER.
- J) BEFORE WATER SERVICE IS PROVIDED, BACKFLOW ASSEMBLY SHALL BE TESTED BY CITY STAFF TO INSURE PROPER WORKING CONDITION.

APPROVED: 	DATE: 4-2-2014
UTILITY ENGINEER	
REVISED	APPROVED

CITY OF ESCONDIDO
UTILITY DEPARTMENT

SCALE:
NOT TO SCALE

STANDARD DRAWING NO.
W-10-E

**BACKFLOW PREVENTION
ASSEMBLY 2" & SMALLER**

This is a partial list of approved assemblies ¾" - 2". A complete list can be obtained from the following link: <https://fccchr.usc.edu/list.html>

<u>Manufacturer</u>	<u>Model</u>	
Wilkins	975XL2	RP
Watts	LF009M2QT	RP
Watts	LFU919QT	RP
Febco	LF825Y	RP