

LOCKABLE STEEL  
ENCLOSURE SBBC-30-CR  
PER CITY STDS.

BACKFLOW DEVICE AS  
APPROVED BY PUBLIC  
UTILITIES - WATER.

DEVICE MUST BE  
CONSISTENT WITH  
METER SIZE, OR MAY  
INCREASE IN SIZE.  
NEVER REDUCED.

LINE SIZE WYE  
STRAINER

4" THICK CONC. PAD  
PER CITY STDS.

12" MIN.

FIN. GR.

BRONZE ELBOWS AND  
RISERS PER CITY STDS.

NOT TO SCALE

PVC MAINLINE WITH  
MALE ADAPTER

**Notes:**

Construction Notes

- 1) Install backflow device square with hardscape elements as approved by the Public Works Inspector in the field.
- 2) Coordinate with Public Utilities-Water for location of backflow and water meter. Wherever possible, locate service and backflow in the parkway at mid-block a minimum of 150' from the Back of Curb Return at the nearest intersection per City standards.
- 3) The backflow enclosure must be locking Stainless Steel powder coated green per City specifications. SBBC-30-CR or Applicable size.
- 4) Backflow device shall be a Febco 825 YA installed using 250 psi rated brass/bronze pipe and fittings, between P.O.C. and device including the ninety degree elbows at the point of connection to the mainline. Contact Public Utilities-Water Backflow Program Staff (951) 351-6320 or (951) 351-6282 for inspection before back filling.

Approved	Date
P.V.	4/23/08
Revised	Date
P.V.	7/9/08

**Public Works Department, Forestry and Landscape Division**  
**CITY OF RIVERSIDE**

**REDUCED PRESSURE BACKFLOW W/ENCLOSURE**

Detail No.

**2002**