TYPICAL BACKFLOW DEVICE CONFIGURATION

1. PRIOR TO INSTALLATION, LOCATION OF THE BACKFLOW DEVICE SHALL BE SUBJECT TO APPROVAL OF THE PROGRAM SPECIALIST (951) 351–6320/6282. DEVICE SHALL BE LOCATED AS CLOSE TO THE METER AS PRACTICAL (MIN. 18", MAX. 24" BACK OF PROPERTY LINE.)

2. ANY DEVIATION FROM NOTE #1 IS SUBJECT TO CONDITIONS AS DESCRIBED WITHIN CWD–616–2.

3. INSPECTION OF PLUMBING BETWEEN METER AND BACKFLOW DEVICE IS REQUIRED PRIOR TO BACKFILLING OR POURING CONCRETE.

4. MATERIALS SHALL BE IN COMPLIANCE WITH THE APPROVED MATERIALS SPECIFIED BELOW.

5. THE DEVICE MUST BE INSPECTED AND TESTED IMMEDIATELY AFTER INSTALLATION.

TO SCHEDULE AN APPOINTMENT CALL (951) 351–6320/6282.

ITEM | EACH | DESCRIPTION
--- | --- | ---
1 | 1 | BACKFLOW DEVICE
2 | 4 | 90 DEGREE ELBOW, BRASS OR HARD DRAWN COPPER
3 | 4 | RISER & NIPPLES, BRASS OR HARD DRAWN COPPER
4 | 1 | PRV VALVE (FOR PRESSURE IN EXCESS OF 80 PSI)
5 | 1 | OPTIONAL WYE STRAINER
6 | 1 | BRASS OR COPPER UNION (SEE NOTE *)
7 | 1 | PVC MALE ADAPTER (MALE THREADED x FEMALE SLIP)
8 | 1 | CONCRETE THRUST BLOCK (OPTIONAL)
9 | 1 | SERVICE LINE, BRASS OR HARD DRAWN COPPER

Adequate and safe clearance must be provided to permit testing and repair work

MINIMUM CLEARANCE SCHEDULE

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>3/4&quot; THROUGH 2 1/2&quot;</td>
<td>12&quot;</td>
<td>18&quot;</td>
<td>12&quot;</td>
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NOTE *
A SECOND UNION ON OPPOSITE RISER MAY BE REQUIRED IF CLEARANCE REQUIREMENTS ARE NOT MAINTAINED.

BACKFLOW PREVENTION ASSEMBLY
3/4" - 2 1/2" ABOVE GROUND INSTALLATION
PRIVATE SERVICE LINE ENCASEMENT

![Diagram of private service line encasement]

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>1</td>
<td>4&quot; CONCRETE ENCASEMENT ALL SIDES.</td>
</tr>
<tr>
<td>2</td>
<td>BRASS OR COPPER WATER SERVICE LINE</td>
</tr>
<tr>
<td>3</td>
<td>CORROSION BARRIER</td>
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</tbody>
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IF DETERMINED BY PUBLIC UTILITIES THAT A BACKFLOW DEVICE IS UNABLE TO BE INSTALLED IN ACCORDANCE WITH CWD–616–1, NOTE 1, AN ALTERNATIVE LOCATION MAY BE APPROVED AND THE FOLLOWING CONDITIONS SHALL APPLY.

**CONDITIONS:**

1. A DRAWING DEPICTING THE PROPOSED PATH OF PIPING FROM THE WATER METER TO THE BACKFLOW DEVICE AND THE FINAL LOCATION OF DEVICE MUST BE SUBMITTED TO PUBLIC UTILITIES FOR APPROVAL.

2. ONCE APPROVED, INSTALLER MUST COORDINATE WITH THE BACKFLOW PROGRAM SPECIALIST TO OVERSEE, INSPECT, AND DOCUMENT THE INSTALLATION. CORROSION BARRIER TO BE INSPECTED PRIOR TO POURING OF CONCRETE.

3. MATERIALS SHALL REMAIN IN COMPLIANCE AS SPECIFIED WITHIN CWD–616–1.

4. MATERIALS SHALL BE IN COMPLIANCE WITH THE APPROVED MATERIALS SPECIFIED ON THE TABLE ABOVE.