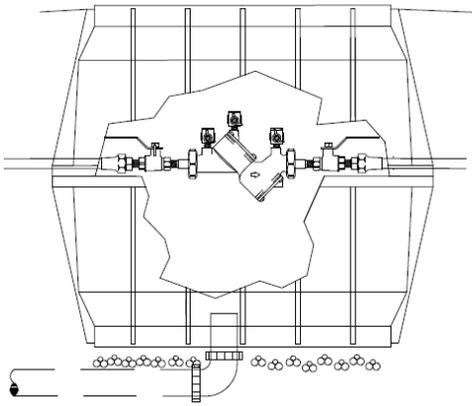
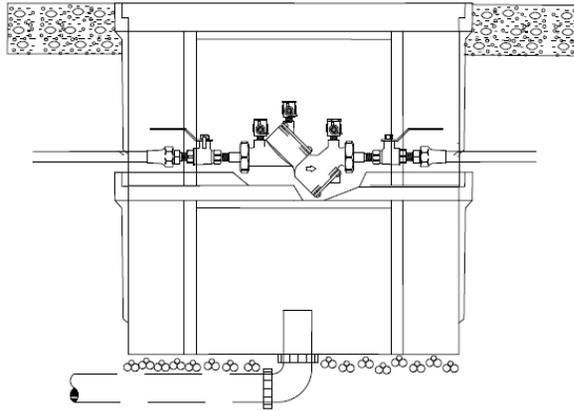


Typical 3/4" Thru 2" Backflow Preventer Installations

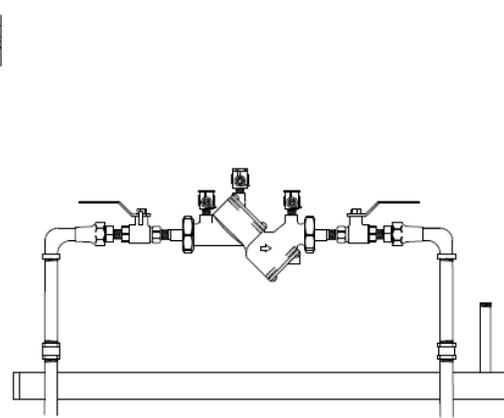
Subject to Approval by Plumbing Code Enforcement Official



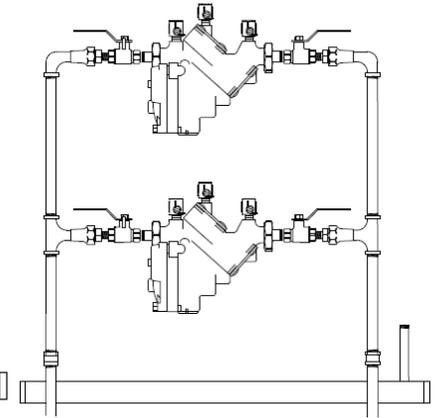
In-Ground, Non-Traffic Bearing



In-Ground, Traffic Bearing



Above Ground, Single Assembly



Above Ground, Manifold

Size	Qty	Plastic Box
3/4" thru 1"	(2)	13x24x12
1-1/2" thru 2"	(2)	17x30x18

Pavement installation not recommended

Size	Qty	Quazite Box
3/4" thru 1"	(2)	17x30x12
1-1/2" thru 2"	(2)	24x36x18

2" Detector Check (2) 30x48x18
12"x6" class A concrete collar recommended

Size	Slab Size
3/4" thru 1"	19x34x4
1-1/2" thru 2"	24x48x4
2" Detector Check	30x48x4

1. Use #57 stone in bottom of box
2. Extend drain to 2" above stone
3. Install perforated or slotted cover over drain
4. Protect mouse holes from erosion
5. Provide minimum 2" drain for double check (detector) assemblies
6. Provide adequate drainage for reduced pressure (detector) assemblies

NOTE: *Drain size for reduced pressure (detector) assemblies should be determined by a design professional or in accordance with manufacture recommendations.*

1. Formed and troweled or precast slab
2. Schedule 40 PVC sleeve thru slab (one plumbing size larger than piping)
3. PVC sleeve thru slab for electrical service (offset from assembly)
4. Approved heat source
5. 12" minimum distance between slab and bottom most of assembly
6. 5" minimum distance between upper and lower backflow preventer
7. ASSE 1060 certified enclosure, anchored to slab

NOTE: *It is not recommended to alter enclosure or insulation to achieve a closing fit.*