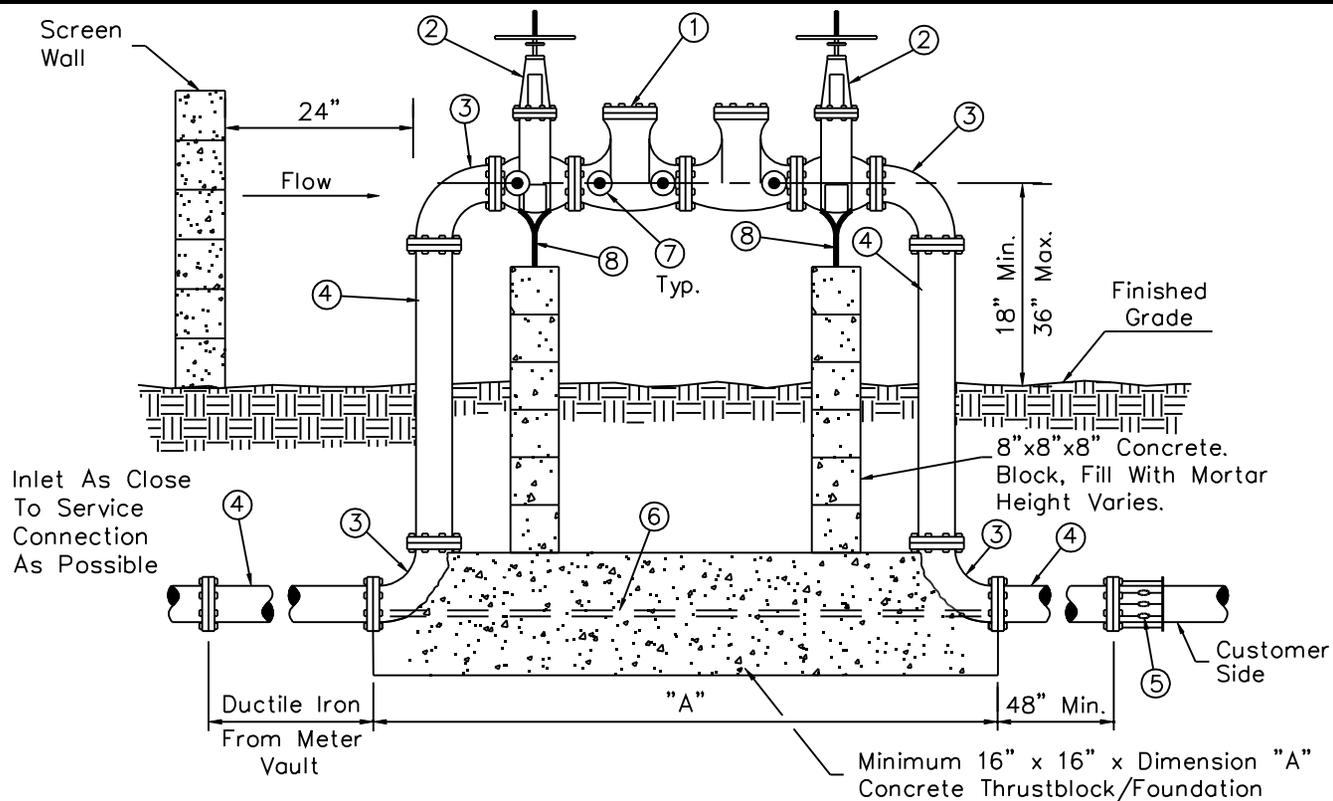


REVISED 5/5/04



GENERAL NOTES

1. Backflow assemblies must be tested by a certified tester that is recognized by the City of Scottsdale.
2. Backflow preventers shall be painted light tan or a color to match the building. Do not paint the name plate or any brass parts on the assembly.
3. For backflow preventers requiring guard posts see Detail 2356. Backflow preventers enclosed by screening shall maintain a 24 inch clearance around the assembly.
4. Finished grade underneath the backflow preventer shall be at 95% compaction.
5. Backflow preventers on fire lines may require tamper switches on the shut off valves. Contact City Of Scottsdale Plan Review, Fire Dept.
6. Call for underground inspection before backfilling trench.
7. Vertical installations of assemblies on fire sprinkler systems are allowed using assemblies approved for use in the vertical position on fire systems.
8. Approvals for backflow assemblies must have Seal Approval from the American Society of Sanitation Engineers. Backflow assemblies installed on fire suppression systems must also have approval from Underwriters Laboratories and/or Factory Mutual Research Corporation.

LIST OF MATERIALS

- | | |
|---|---|
| <ol style="list-style-type: none"> ① Approved double check valve backflow prevention assembly. ② Resilient seated gate valve.
O.S. & Y. (fire line connection)
N.R.S. (non fire line) ③ 90° ell, Flanged D.I.P. 3" thru 10", Mega Lug or approved equal may be used on underground joints. ④ Pipe spool, Flanged D.I.P. 3" thru 10", Mega Lug or approved equal may be used on underground joints. ⑤ Flanged adapter (when required) | <ol style="list-style-type: none"> ⑥ 3/4" zinc coated threaded rod, (5/8" rod on 3" to 4" sizes), bolt to flanges as shown, typical both sides. ⑦ Test cocks with brass plugs or adaptors with caps installed. (4 required) ⑧ Adjustable metal pipe supports and concrete block supports with 1" adjusting rod and nut on assemblies 4" and larger. Install above grade. |
|---|---|

DETAIL NO.
2351

**City of Scottsdale
Standard Details**

APPROVED BY:
**Scottsdale Standards &
Specifications Committee**

**DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY
FOR ASSEMBLIES 3 INCHES THRU 10 INCHES**

DETAIL NO.
2351