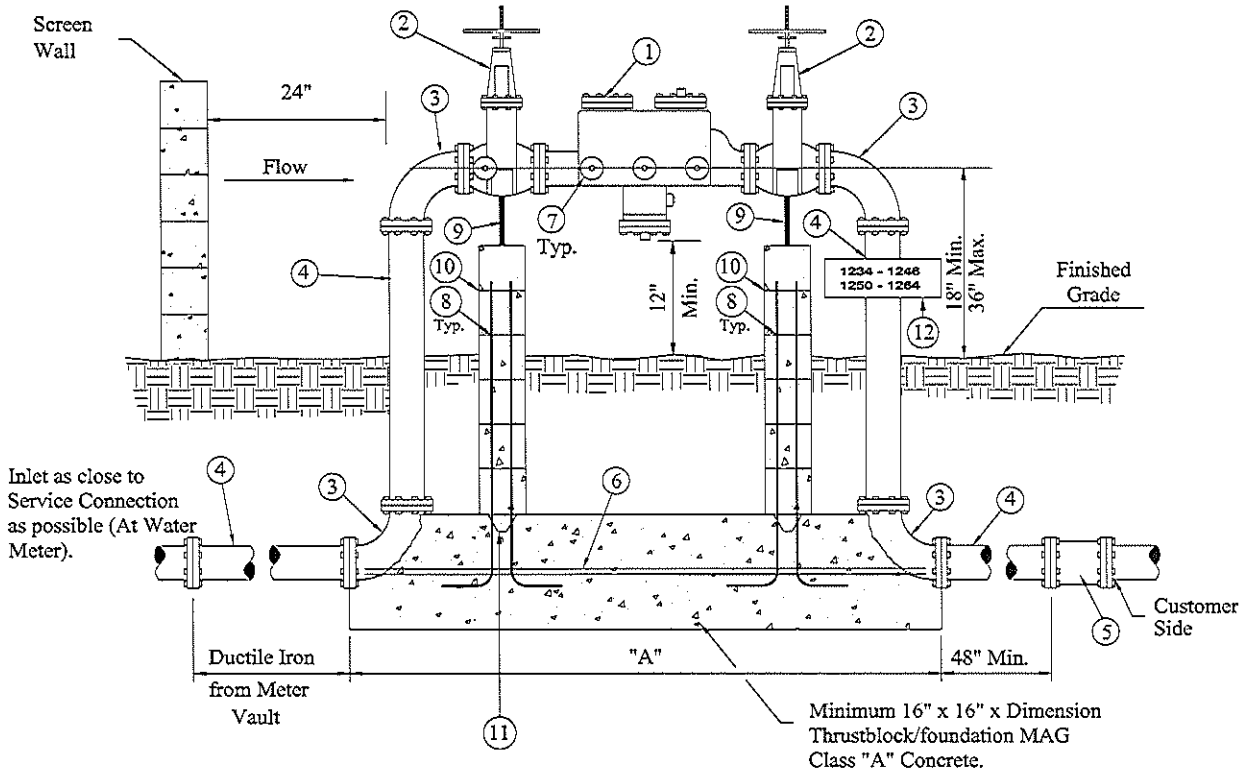

GENERAL NOTES

1. Backflow assemblies shall be tested for proper operation per the TOB requirements. All testing shall be performed by a certified tester recognized by the Town.
2. Backflow preventers shall be painted tenemec desert sands or TOB approved equal. Do not paint the name plate or any brass parts on the assembly.
3. For backflow preventers requiring guard posts see Detail 31359. Backflow preventers enclosed by screening shall maintain a 24" 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 TOB Building, or Fire Department for more information on switches.
6. Call for underground inspection before backfilling trench.
7. Approved backflow assemblies shall have a Seal of Approval from the American Society of Sanitation Engineers. Backflow assemblies installed on fire supression systems must also have approval from Underwriters Laboratories and/or Factory Mutual Research Corporation.

LIST OF MATERIALS

① Approved reduced pressure principle backflow prevention assembly.

② Resilient seated gate valve. O.S. & Y. (fire line connection). N.R.S. (non fire line).

③ 90° elbow flanged D.I.P. 3" thru 10", 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 Restrained ductile iron solid sleeves.

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 #6 reinforcing steel, deformed bar, 4" apart, evenly spaced; 2" apart for 6" supports.

⑨ Adjustable pipe support permanently attached to base with minimum 1" adjusting rod.

⑩ Square or round monolythic cast in place concrete column, minimum MAG Class "A" concrete.

⑪ Construction joint key to be 1-3/4" x 2-1/2".

⑫ TOB signage per TOB Std. Dtl. 31456.

31352	Town of Buckeye Standard Details	REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY, 3" THROUGH 10"	Revised: 12-31-12	Detail No. 31352