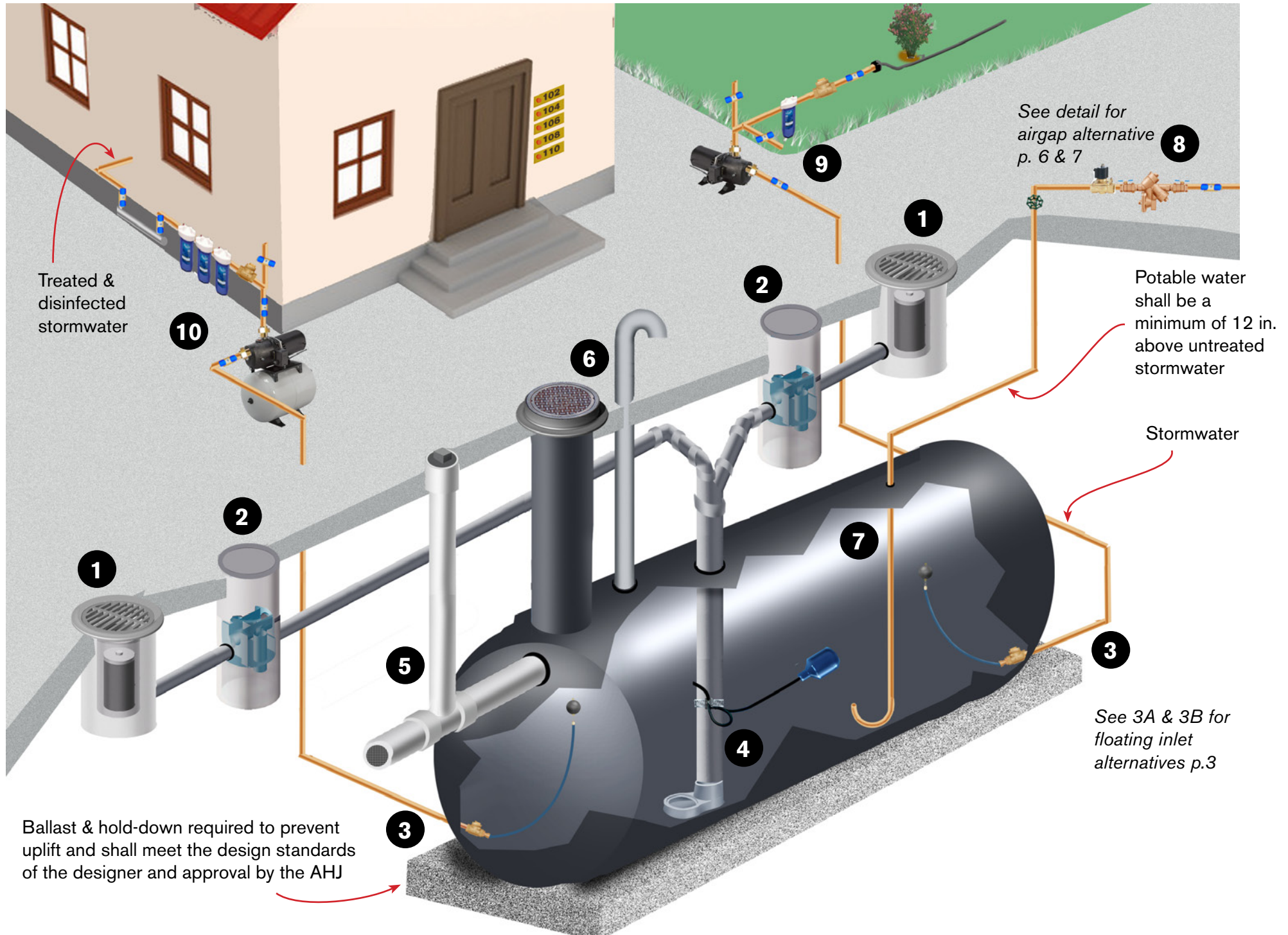


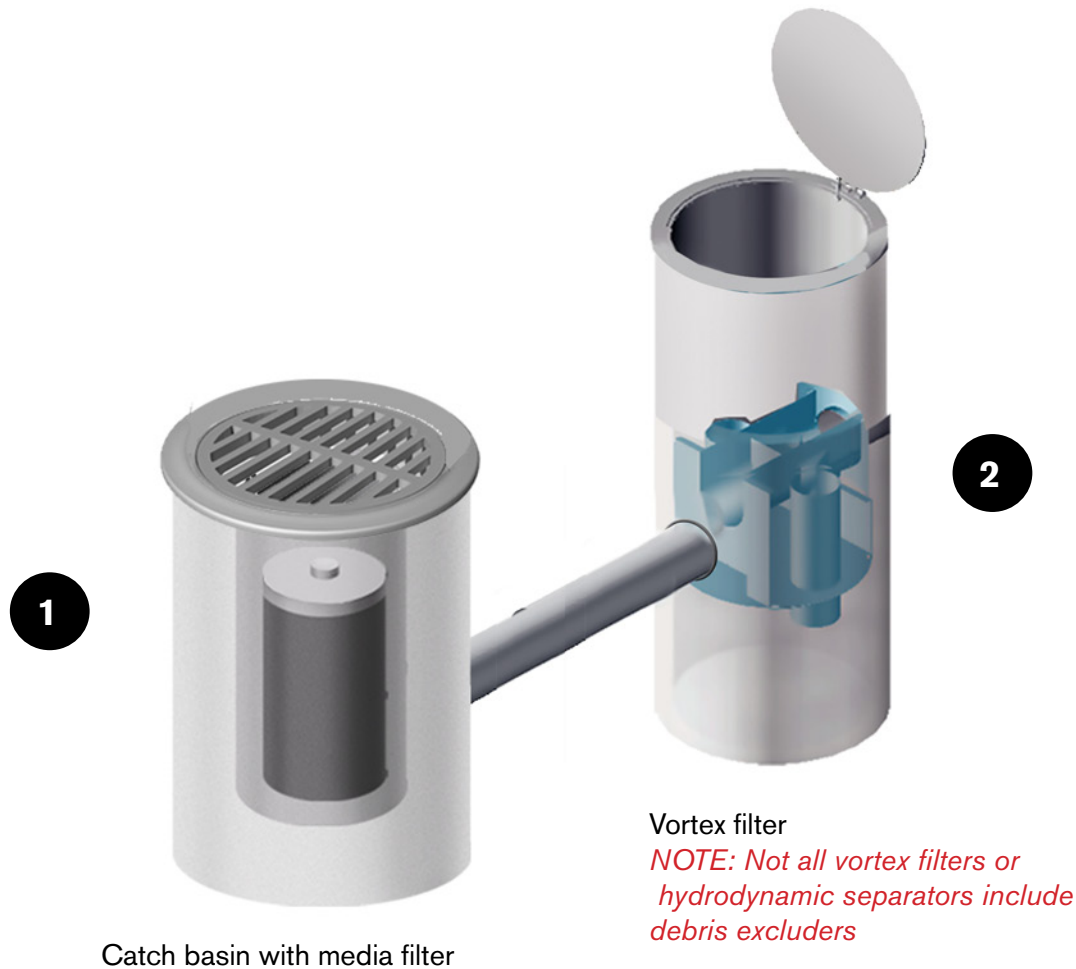
Underground Tank with Indoor Use & Drip Irrigation

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Underground Tank with Indoor Use & Drip Irrigation

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Connections to catch basins and vortex filters shall be through manufacturers' supplied and approved connections or shall be installed with watertight rings or grommets conforming to ASTM C 923 for concrete structures. Field applied PVC & CPVC bulkhead fittings shall conform to ASTM 1784. Polypropylene bulkhead fittings shall conform to ASTM D 4101.

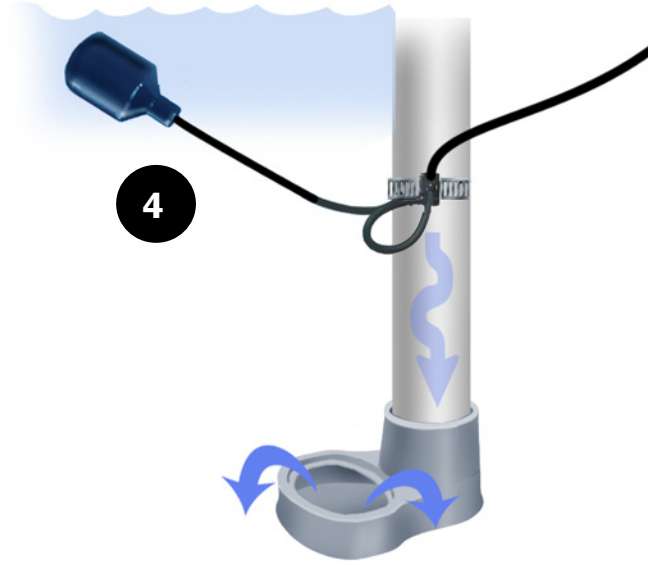
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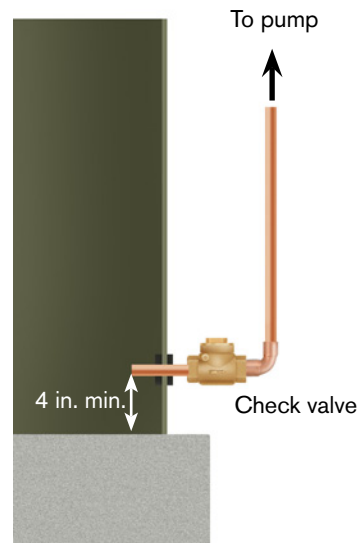
Floating suction inlet with bronze check valve. Check valve acts as a foot valve to maintain prime at pump.

NOTE: Floating inlet not only device to accomplish drawing water from tank. Vertical piping may use foot valve and only requirement is water shall be drawn a minimum 4 in. from bottom of tank

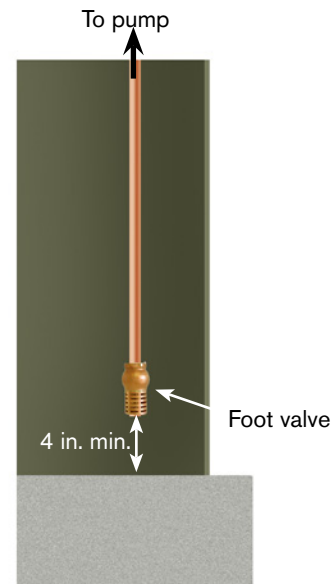


Calming inlet and mercury-free float switch.

3A

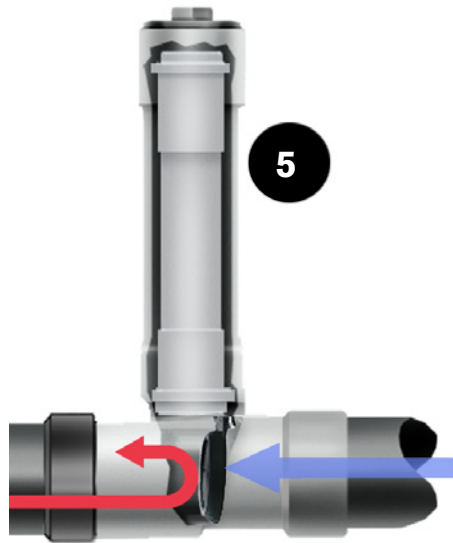


3B



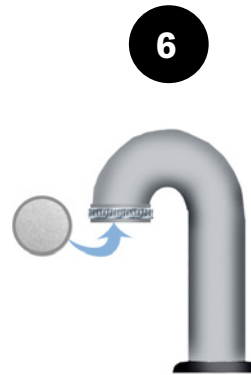
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Backwater valve on tank overflow. Overflow pipe discharges to bio-swale, raingarden, infiltration device or other approved location. All exposed openings shall be screened with 1/8 in. screen mesh.

See detail example on p.5 for infiltration device



Vent with 1/8 in. or 3175 micron bug screen to prevent mosquitos and insects



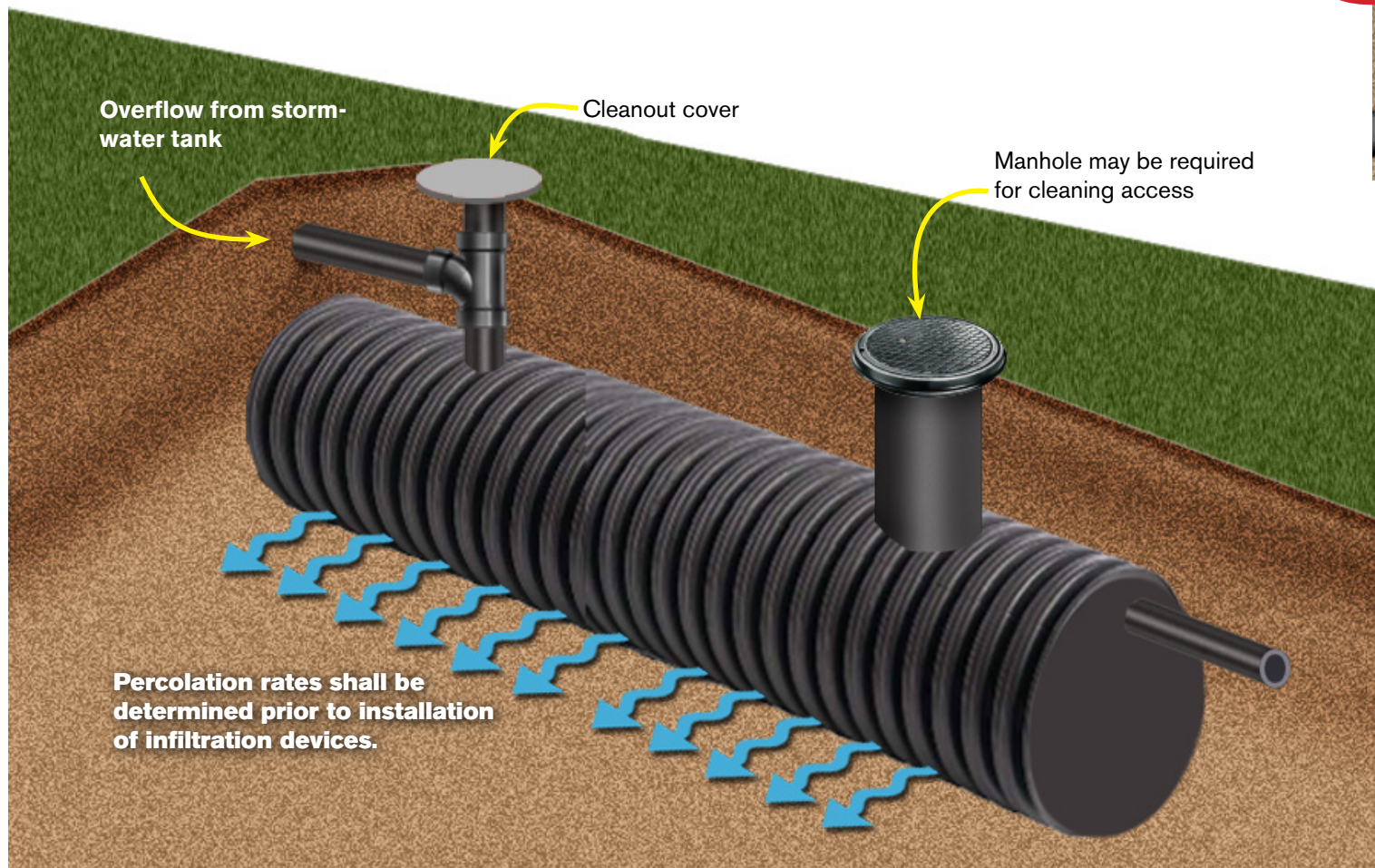
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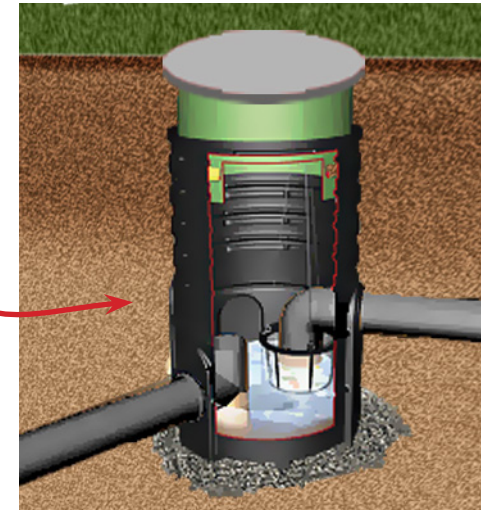
Infiltration Device

Choose filtration and sediment trap suitable for application

5A Infiltration Device

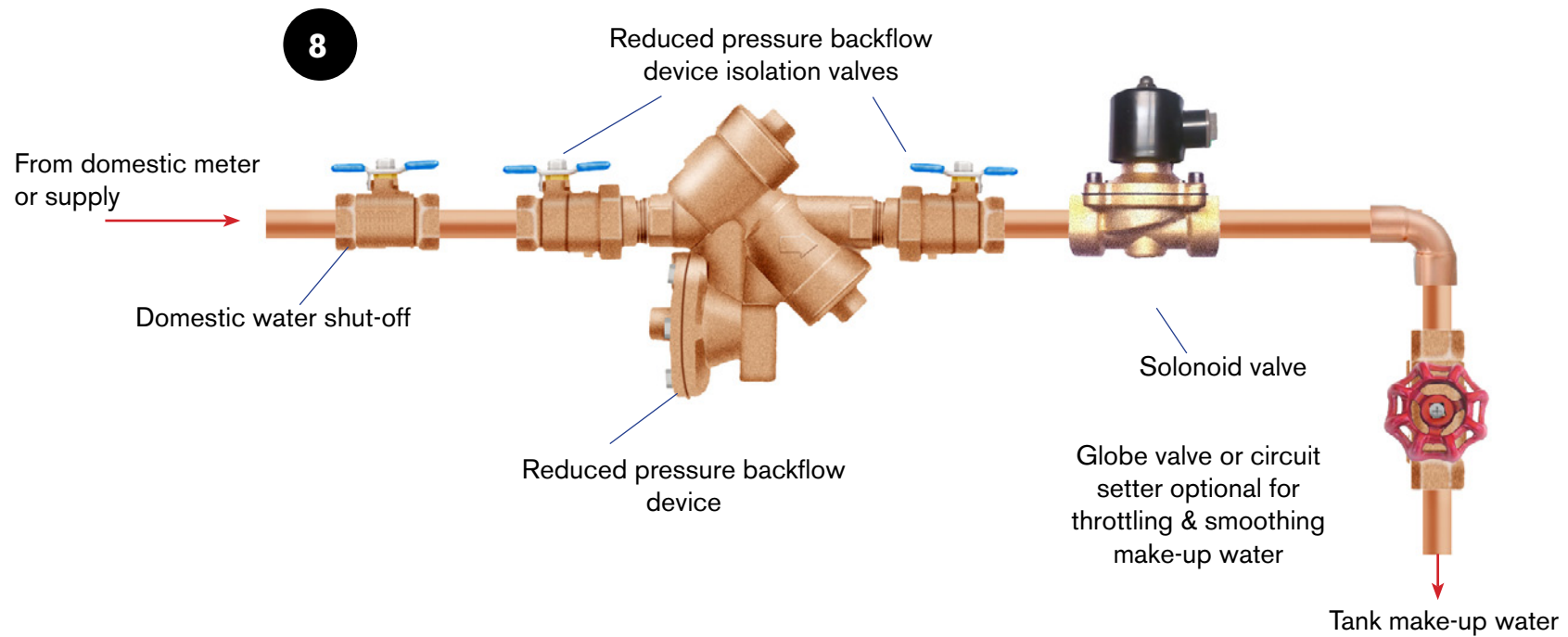


Sample sediment filtration prior to tank inlet

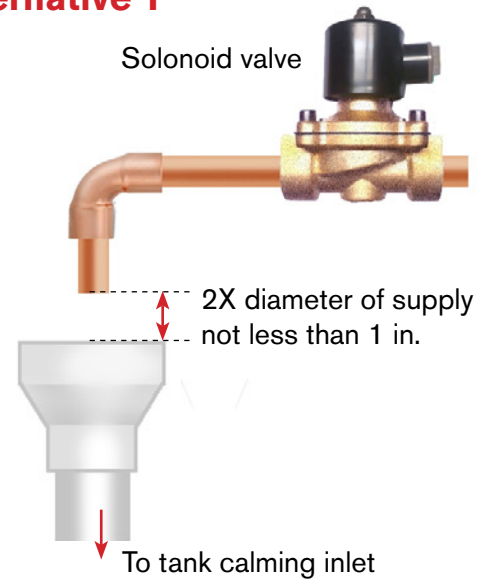


Underground Tank with Indoor Use & Drip Irrigation

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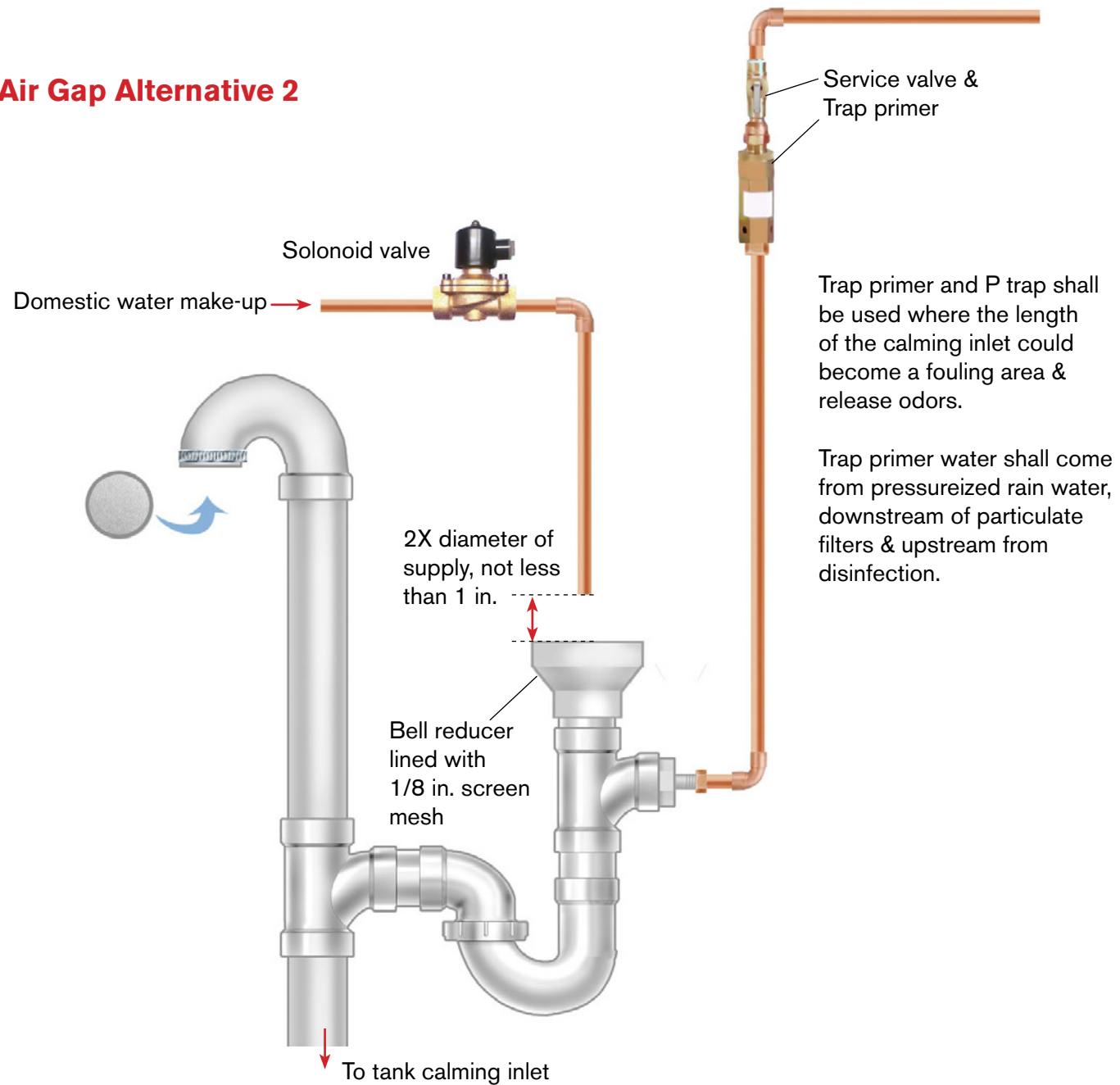
Air Gap Alternative 1



Underground Tank with Indoor Use & Drip Irrigation

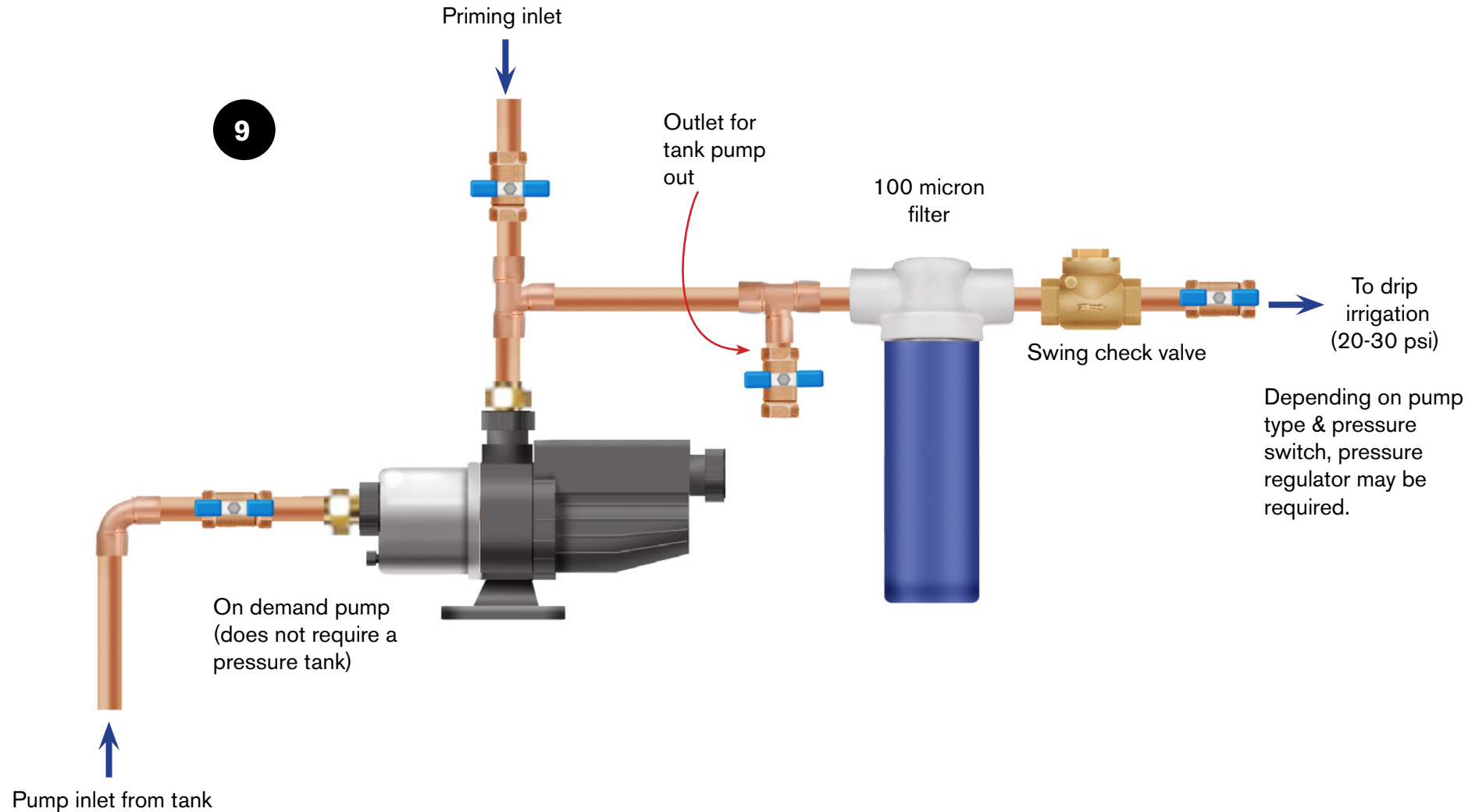
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Air Gap Alternative 2



Underground Tank with Indoor Use & Drip Irrigation

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