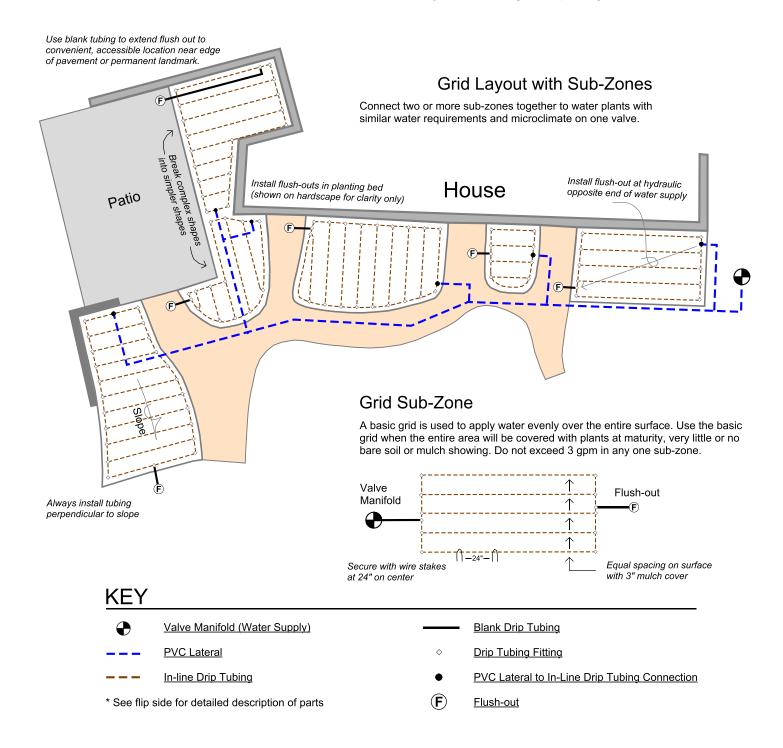
Grid, Snake, and Ring Drip Layouts

For durable, low maintenance, easy-to-manage drip irrigation

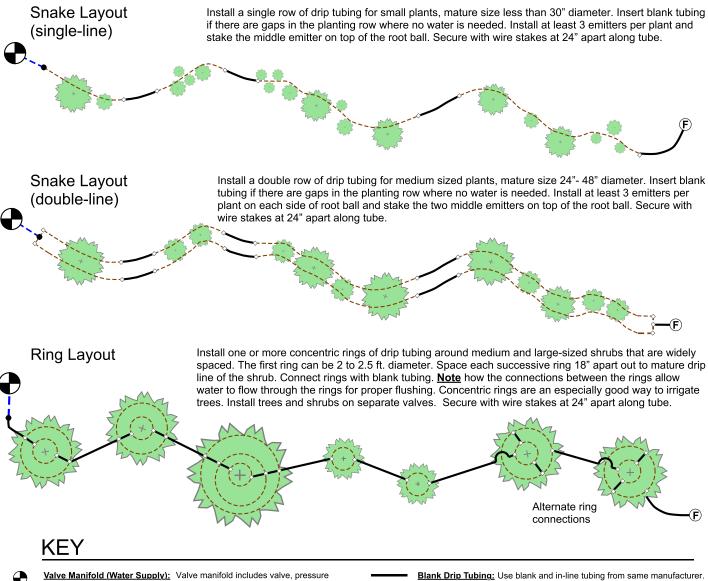


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Snake and Ring Drip Layouts





<u>Valve Manifold (Water Supply):</u> Valve manifold includes valve, pressure regulator and filter. Refer to manufacturer catalog for appropriate filter and pressure regulator

PVC Lateral: PVC lateral may be installed new or re-used from existing sprinkler system conversion. PVC lateral connects valve manifold to one

 $\underline{\text{In-line Drip Tubing:}} \text{ Is } \cancel{1}\text{s inch diameter drip tubing (not } \cancel{1}\text{a") sold with reliable,}$ high quality, pressure-compensating emitters pre-installed inside the tube at 12" or 18" on center. Install tubing neatly in parallel, equally-spaced rows and secured to soil surface with wire stakes at each fitting and 24 inches apart along tubing. Refer to manufacturer's catalog for appropriate emitter flow rate based on soil type and use 12" emitter spacing for shallow-rooted plants and 18" emitter spacing for deeper-rooted plants. Irrigate shallow-rooted and deeperrooted plants independently using separate valve manifolds.

Blank tubing is the same tubing without emitters. Use blank tubing where you don't need or want water between plants or to locate a flush-out at an accessible location where it won't get lost in the middle of a planting bed

<u>Drip Tubing Fitting:</u> Elbow, tee, cross, or other as required. Use fittings and tubing from same manufacturer

PVC Lateral to in-line drip tubing connection: Use connection adapter fitting and tubing from same manufacturer.

Flush-out: Install a flush-out at the hydraulic opposite point on the grid from where the valve manifold is connected to the grid. Recommend installing flush-out in an 8" diameter valve box. Flush-out can be a ball valve or screw cap fitting. Recommend using flexible Cobra connector between ball valve

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