

State Use 101
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The diagram illustrates a proposed water distribution system layout with three main loops: WDK (top), GAR (left), and FFL BMT (right). The layout is defined by red and blue lines representing different pipe segments. Flow rates in gpm and pipe diameters in inches are indicated at various points.

- WDK Loop (Top):** A red-outlined loop with a top horizontal segment of 16" diameter and 16 gpm flow. The left vertical segment has a flow of 12 gpm, and the right vertical segment has a flow of 12 gpm.
- GAR Loop (Left):** A red-outlined loop with a left vertical segment of 22" diameter and 22 gpm flow. The top horizontal segment has a flow of 14 gpm, and the bottom horizontal segment has a flow of 14 gpm.
- FFL BMT Loop (Right):** A blue-outlined loop with a right vertical segment of 36" diameter and 36 gpm flow. The bottom horizontal segment has a flow of 16 gpm, and the left vertical segment has a flow of 12 gpm.
- Interconnections:**
 - A horizontal connection between the WDK and GAR loops has a flow of 16 gpm and a diameter of 16".
 - A horizontal connection between the WDK and FFL BMT loops has a flow of 24 gpm and a diameter of 24".
 - A horizontal connection between the GAR and FFL BMT loops has a flow of 24 gpm and a diameter of 24".
 - A vertical connection between the GAR and FFL BMT loops has a flow of 2 gpm and a diameter of 2".

A photograph of a white, single-story house with green shutters and a dark car parked in the driveway. The house is surrounded by a large green lawn, trees, and a utility pole in the foreground.