

State Use 1010
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The diagram illustrates a water distribution network with three main nodes: WDK (top), BAS (middle), and TQS (bottom). The connections and dimensions are as follows:

- WDK Node:** A polygonal area with boundary segments labeled 20, 3.61, 4, 3.61, 0, 16, 4, and 10. The internal area is labeled WDK.
- BAS Node:** A rectangular area with dimensions 18 (left), 18 (right), 14 (bottom), and 14 (top). The internal area is labeled BAS.
- TQS Node:** A large rectangular area with dimensions 24 (left), 34 (bottom), and 24 (right). The internal area is labeled TQS.
- Connections:**
 - A horizontal pipe connects WDK to BAS with a length of 16.
 - A vertical pipe connects BAS to TQS with a length of 18.
 - A horizontal pipe connects the right side of BAS to the left side of TQS with a length of 32.
- Additional Dimensions:**
 - On the right side of the BAS-TQS connection, there is a vertical segment of length 6 and a horizontal segment of length 12, with the area labeled BAS BMT.
 - On the bottom right of the TQS node, there is a small rectangular area with dimensions 6 (width) and 24 (height).