

State Use 101
Print Date 11/20/2024 12:30:34

Account # 1951

Bldg # 1

Card # 1 of 1

State Use 101
Print Date 11/20/2024 12:30:34

The diagram illustrates a water distribution network with the following components and labels:

- Central Loop:** A large square loop with a vertical pipe on the left and horizontal pipes on the top and bottom. The left vertical pipe has a length of 24. The top horizontal pipe has a length of 18. The bottom horizontal pipe has a length of 11. The right vertical pipe has a length of 14.
- Top Loop:** A small square loop attached to the top horizontal pipe. It has a vertical pipe on the left with a length of 6 and a horizontal pipe on the top with a length of 12. The right vertical pipe has a length of 4, and the bottom horizontal pipe has a length of 4.
- Right Loop:** A small square loop attached to the right vertical pipe. It has a vertical pipe on the left with a length of 9.5 and a horizontal pipe on the top with a length of 7. The right vertical pipe has a length of 3, and the bottom horizontal pipe has a length of 2.52.
- Nodes and Segments:**
 - Node 1 is at the bottom-left corner of the central loop.
 - Node 2 is at the top-left corner of the central loop.
 - Node 3 is at the top-right corner of the central loop.
 - Node 4 is at the bottom-right corner of the central loop.
 - Node 5 is at the top-right corner of the top loop.
 - Node 6 is at the bottom-right corner of the top loop.
 - Node 7 is at the top-right corner of the right loop.
 - Node 8 is at the bottom-right corner of the right loop.
- Labels:**
 - UAT:** User Available Total Head
 - SFL:** Static Free Level
 - FFL:** Full Flow Level
 - BMT:** Bottom Mean Total Head
 - EFP:** Energy Flow Point
 - OFP:** Outlet Flow Point