

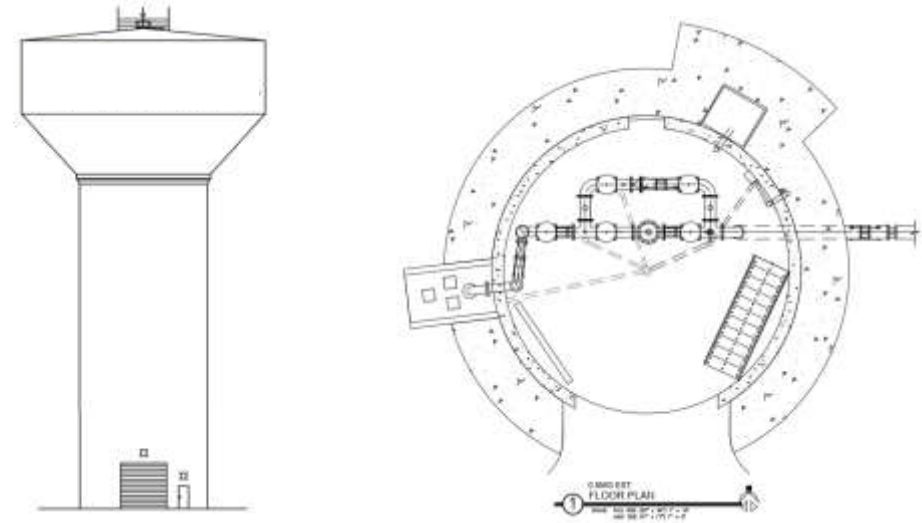


Elevated Storage Tank / Pressure Reducing Valves

Scope: Construct 500,000 gallon Elevated Storage Tank to improve water supply and pressure during peak demand and provide adequate fire protection, 12" water main to EST site and two system pressure reducing valves.

Budget: \$7,774,313 – Land Acquisition, Design and Construction

Design Firm: Kimley-Horn, Inc., San Antonio, TX



Justification and Impact

- Existing pump stations cannot support projected peak demands; system pressure within Zone A falls below minimum TCEQ requirement of 35 PSI.
- In addition to maintaining pressures above 35 PSI, elevated storage provides operational flexibility needed during emergencies, power outages, and drought.
- Current flow in large parts of City fall below the NFPA 1,000 gallons per minute minimum requirement to combat a house fire.

Project Timeline (subject to change)

TBD – Design completion pending final site confirmation