

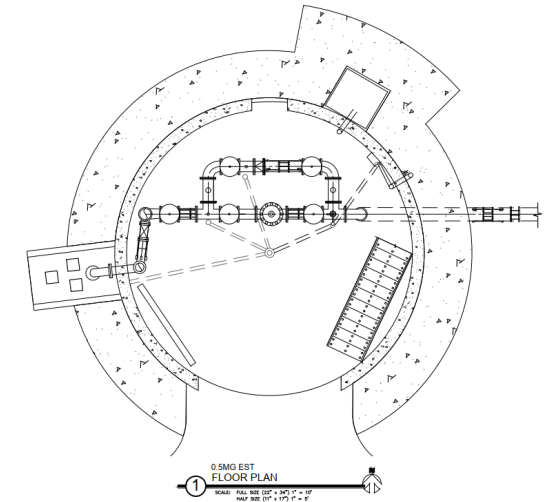
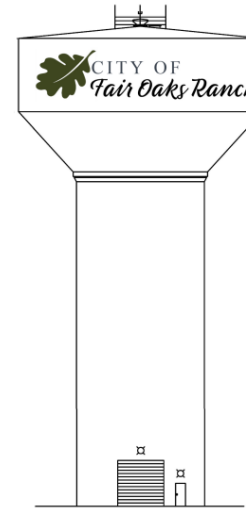


# Elevated Storage Tank / Pressure Reducing Valves

**Scope:** Construct 0.5MG 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:** \$181,623 (FY2021-2022) - Design

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



## Justification and Impact

- Existing pump stations cannot support projected 2023 peak demand; 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 fire flow below minimum 1500 GPM requirement.

## Project Timeline (subject to change)

TBD – Design completion pending final site confirmation