

City of Fair Oaks Ranch, TX

Elevated Storage Tank Project

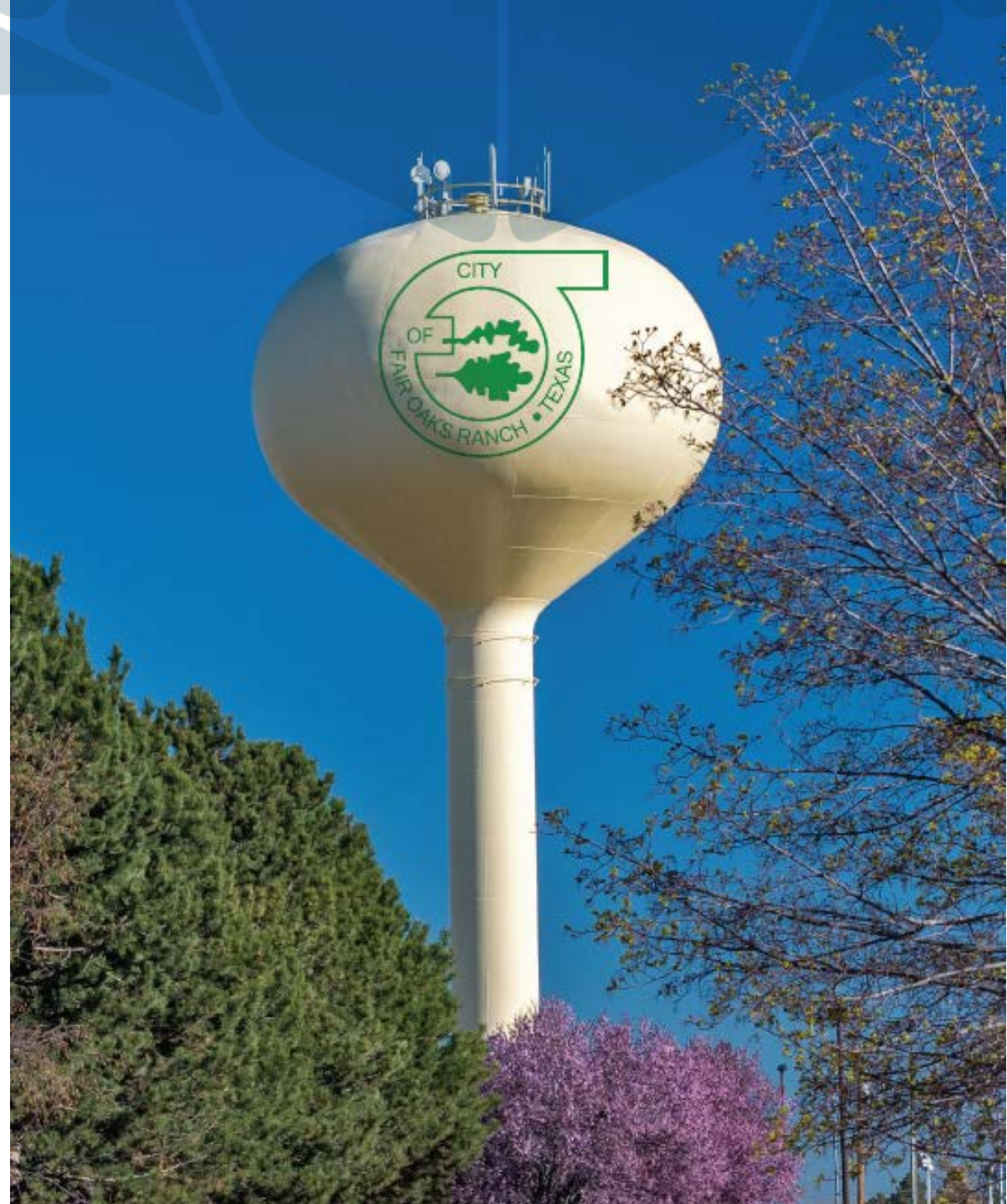


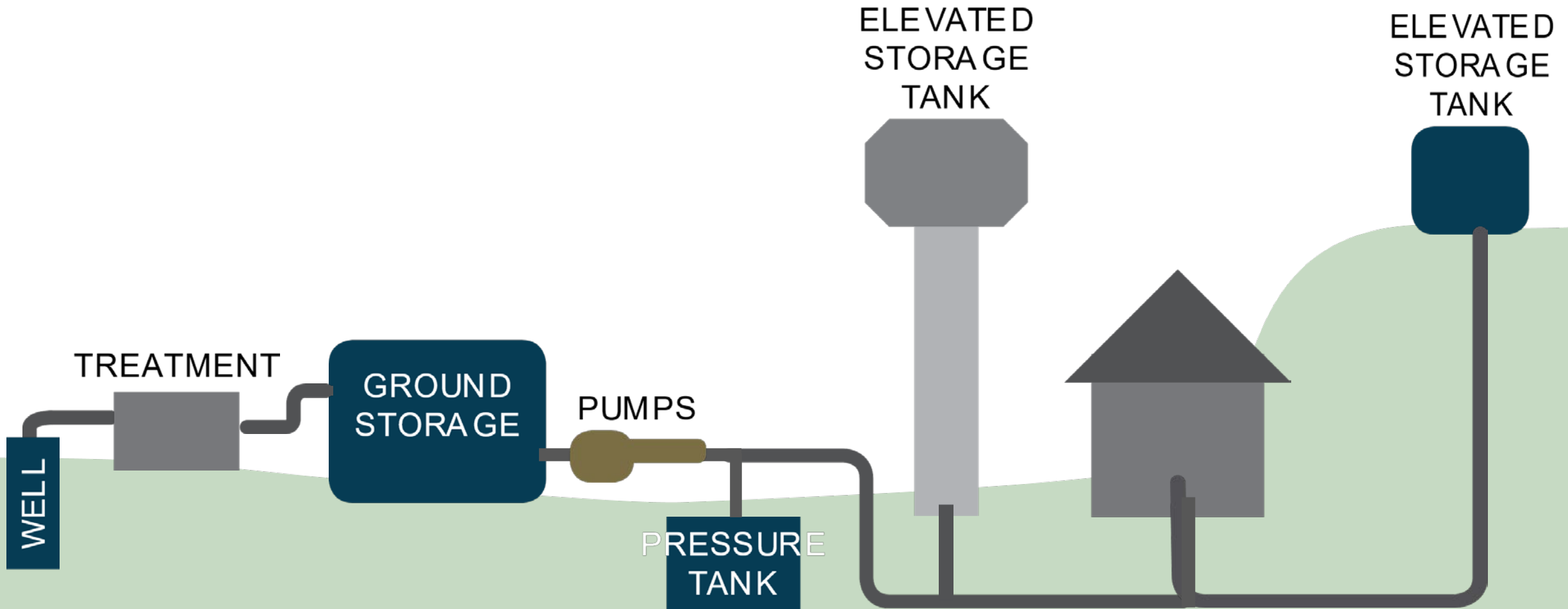


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Background on Elevated Storage Tank

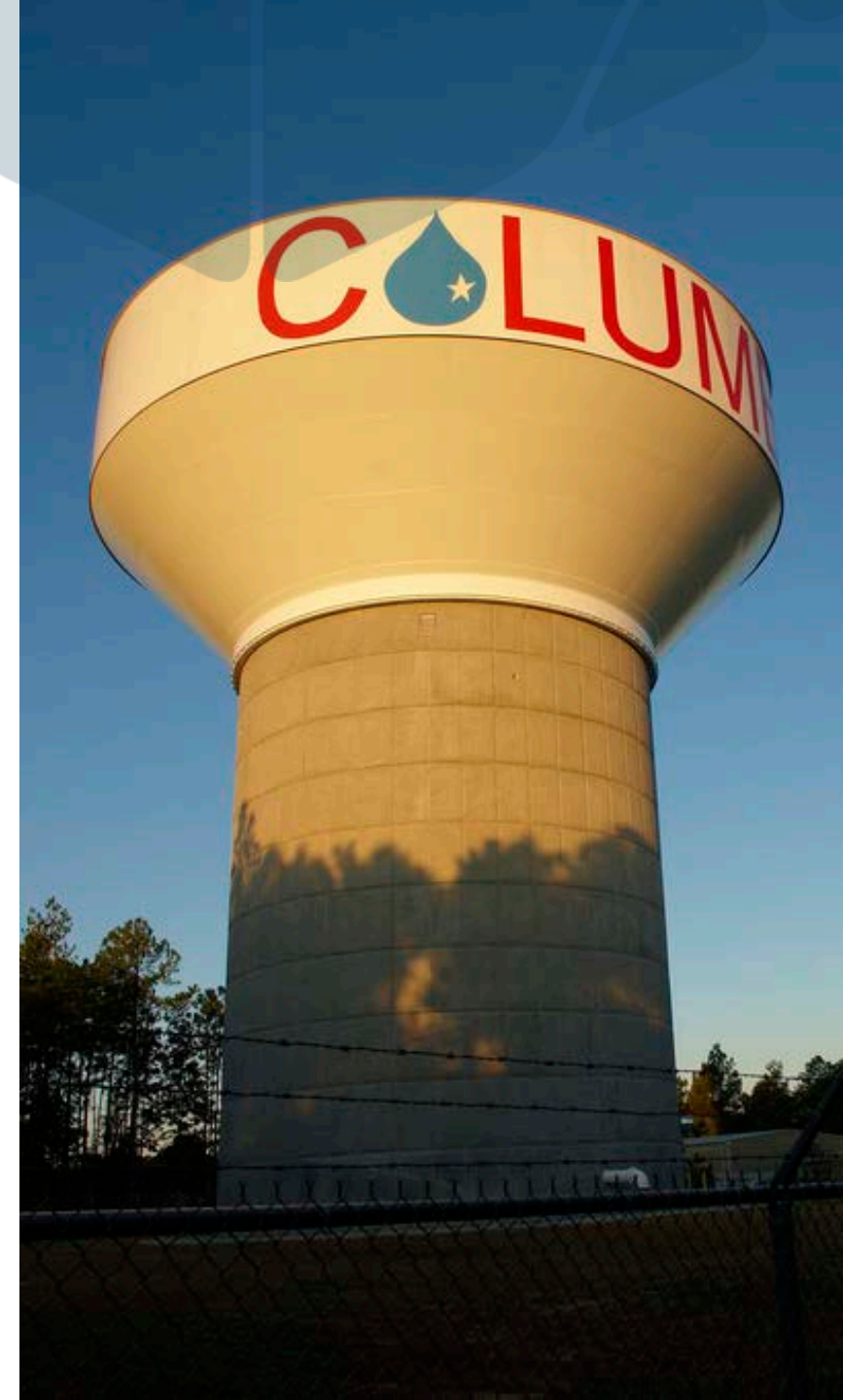
How does an Elevated Storage Tank Function?



Background on Elevated Storage Tank

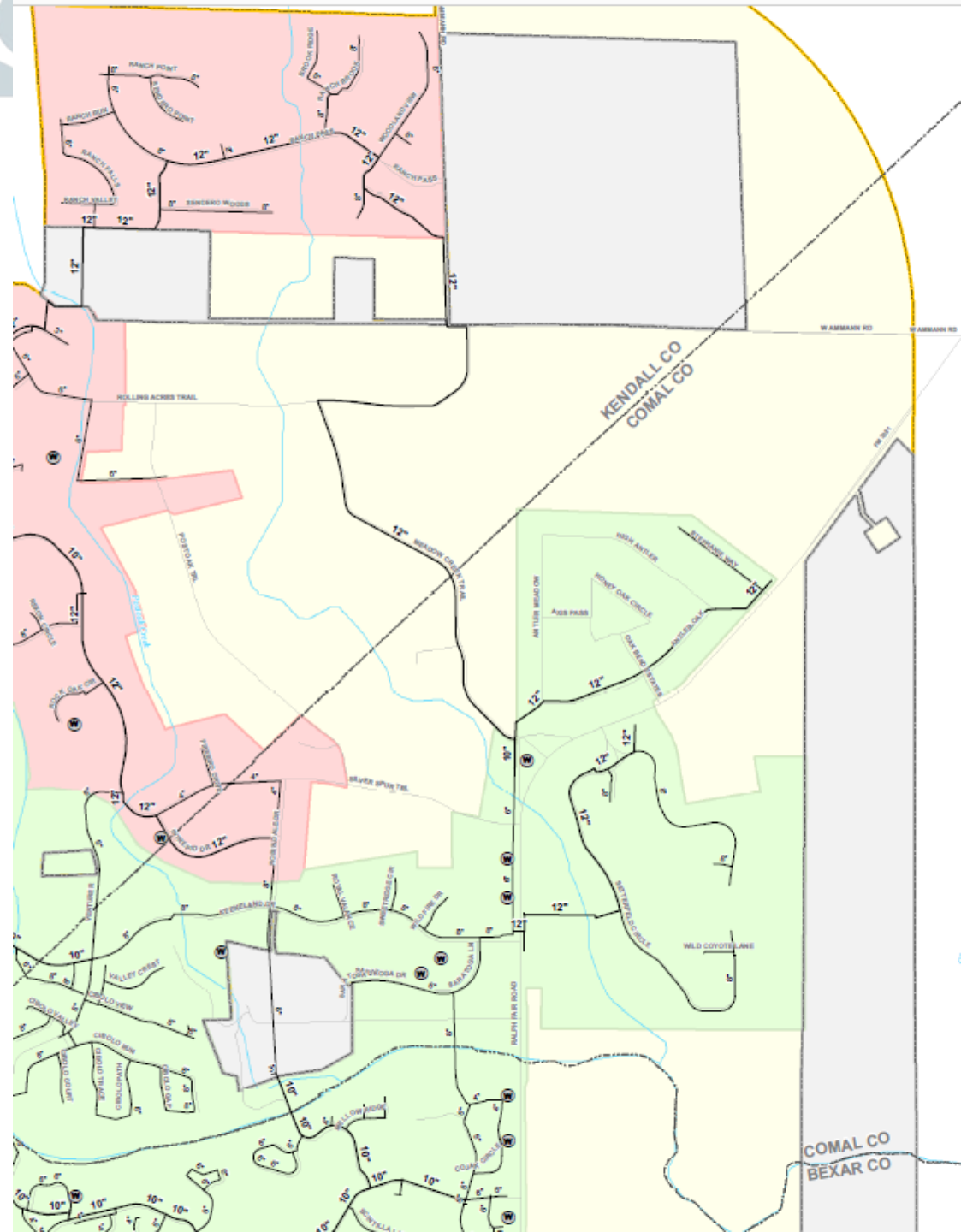
Benefits of Elevated Storage

- Maintains constant water supply and pressure for public and fire flow demands
- Operational flexibility during emergencies and provides additional water storage during peak water demands and droughts
- **Operational Cost Savings** – Reduced pumping
- **Long-term Savings** – Less pump capacity needed



History of the City's Elevated Storage Tank Project

- **2006** – City acquires 3,258 acres of ETJ from COSA
- **2007** – After developers coordinate with GBRA, both parties approach the City to provide water services to the area. Water study performed for ETJ identifies a need for an EST as this area develops. GBRA agrees to provide more water to the City for servicing the ETJ property.
- **2008** – City Enters into several Water Supply Agreements with property owners within the ETJ. Owners would pay a “Contribution in Aid to Construct” the EST.
- **2017** – City receives notification from the TCEQ of exceeding 85% capacity per 30 TAC 291.93 (3).
- **2018** – City advertises a Request for Qualifications (RFQ) for engineering services associated with design of EST.



Overview of Project Schedule

- **Community Workshop #1** – Tuesday June 18, 2019
- **Community Workshop #2** – Tuesday September 10, 2019 (Tentative)
- **City Council Approves Final Tank Site** – November 2019
- **Design Completion** – August 2020
- **Construction Begin** – November 2020
- **Construction Completion** – November 2021

*Subject to change



Workshop Agenda and Expectations

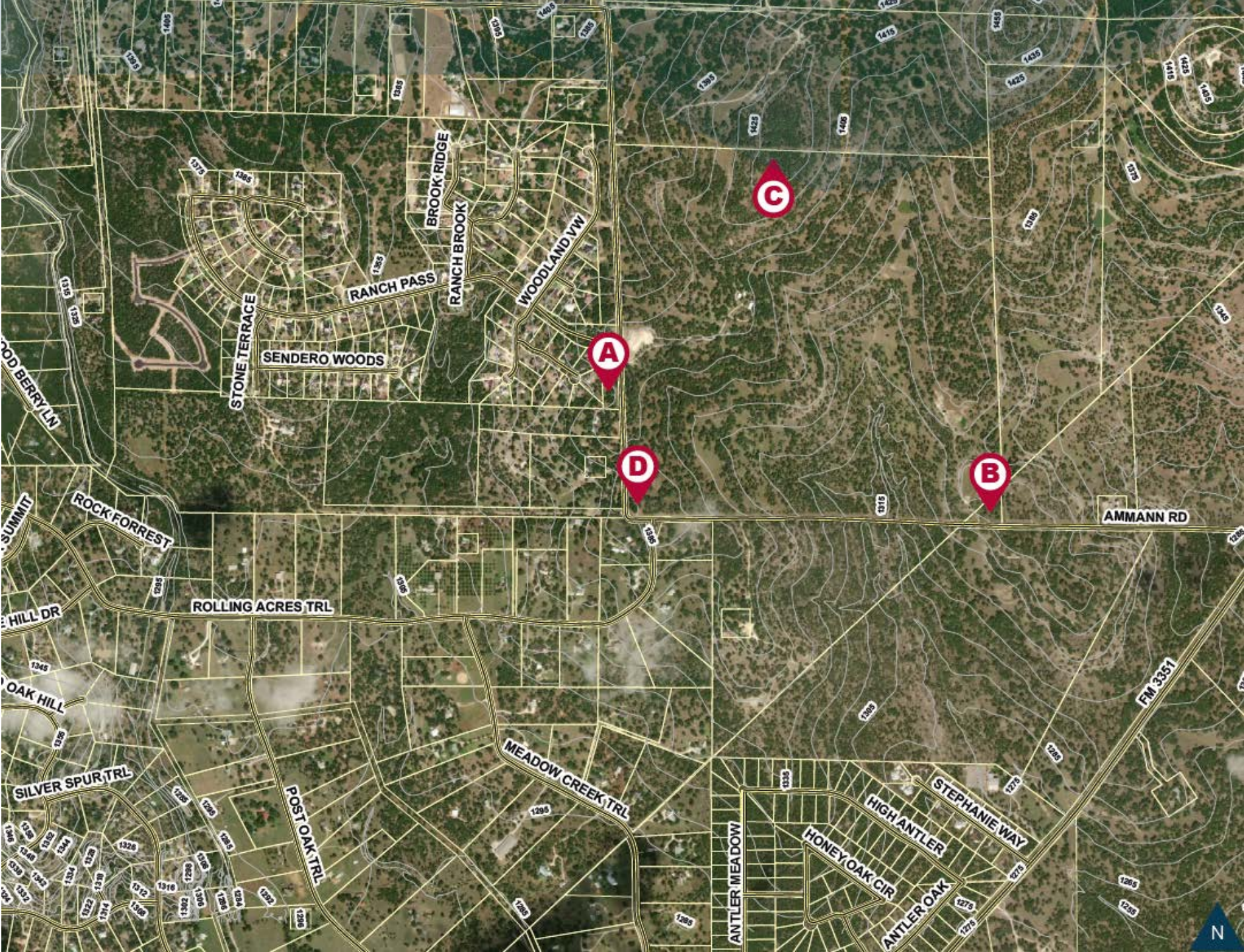
- **Station 1**

- Potential Tank Locations

- **Station 2**

- Site/Tank Evaluation Criteria
 - Cost
 - Aesthetics
 - Construction Impacts
 - City's Long-Term Master Plan
 - Permit/Approvals
 - Community Concerns

Station 1: Potential Tank Location



Station 2: Site/Tank Evaluation Criteria

- Cost
- Aesthetics
- Construction Impacts
- City's Long-Term Master Plan
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