



Innovative Water Conservation at the Residences at La Cantera

San Antonio, Texas

La Cantera is a vibrant urban district comprised of several neighborhoods, each with a unique identity defined by wonderfully conceived public spaces and convenient pedestrian connectivity. The fully functioning, yet continually growing, district is comprised of high-end retail shopping, class A office space, and high density multi-family residential living.

The Residences at La Cantera bring high-density multi-family residential living to the district providing the perfect place to live, work, play and shop to a single

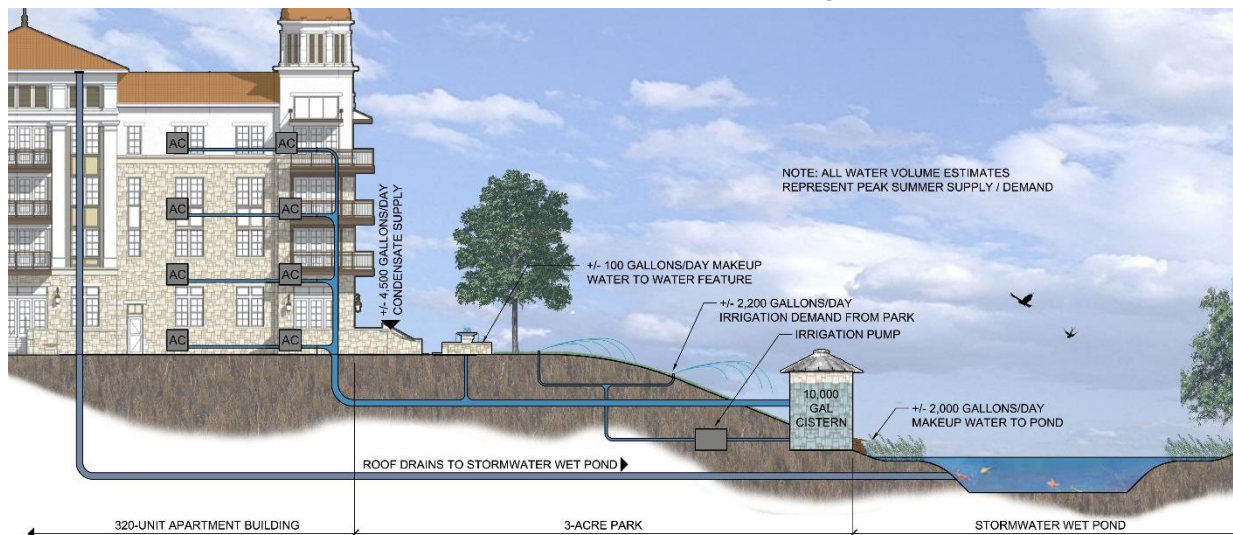
location. Co-developed by USAA Real Estate Company and Cambridge Development Group, the Residences at La Cantera are built to meet Texas Green certification standards including some innovative water conservation efforts. San Antonio has historically experienced severe drought conditions and as such, water use is very limited for irrigation and water features. The development, design, and contracting team collaborated in an integrated effort to eliminate the need for potable water in their irrigation and water features.

Water Use Considerations

- San Antonio currently has Stage 2 Drought Restrictions in place limiting irrigation and water feature use
- Residential Air Conditioning units are estimated to generate 4,500 gallons of condensate EACH DAY
- A stormwater management plan is needed to direct runoff efficiently

Water Savings Solutions

- AC Condensate is collected and stored in on-site cistern and used to irrigate park (2,200 gallons/day demand) as well as provide makeup water for on-site water feature
- Native and drought tolerant plants have been selected to minimize water demand
- Stormwater is collected via roof drains and passes through the Bioswale to pre-treat the stormwater by containing sediments, pollutants and debris



This illustration depicts the water reuse and collection system implemented at The Residences at La Cantera. Illustration provided by J. Robert Anderson Landscape Architects

