



Underground Utility Installation – Design Guidelines

The following are City of Oceanside Water Utilities Department typical design guidelines for underground utility conduits and pipelines:

1. Plan sets shall include the permit number, and General Notes provided by the Water Utilities Department.
2. Show the size and material of all existing water, sewer, & recycled water mains. Label the mains with a record drawing or plan number.
3. Show the distance from the right-of-way or centerline of the street to the water and sewer mains. Show distances between the water and sewer mains and the new underground utility line.
4. Contractor shall maintain a minimum distance of 5 feet from outside of existing water and sewer mains to proposed underground utility line.
5. Show all water and sewer easements. Underground utility lines shall not encroach into an existing easement.
6. Show all water meters. Show the water service lines within the proposed alignment of the underground utility.
7. Provide crossing details for all water and sewer mains that include top and bottom line elevations at the crossing. Minimum separation shall be 12-inches.