

CITY OF OCEANSIDE

WATER UTILITIES DEPARTMENT

WATER, SEWER, AND RECLAIMED WATER DESIGN & CONSTRUCTION MANUAL

SECTION 1

GENERAL GUIDELINES

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SECTION 1 - GENERAL GUIDELINES

1.1 STANDARD PROJECT CONDITIONS FOR APPROVAL

- A. The Water Utilities Department has developed a minimum standard of project conditions that must be met for new and retrofit water, sewer, and reclaimed water projects.
- B. All public water and/or sewer facilities not located within the public right-of-way shall be provided with easements sized according to the Water, Sewer, and Reclaimed Water Design & Construction Manual. Easements shall be constructed for all weather access.
- C. No trees, structures or building overhang shall be located within any water or wastewater utility easement.
- D. The property owner will maintain private water and wastewater utilities located on private property.
- E. A separate irrigation meter and approved backflow prevention device is required for all commercial and industrial properties.
- F. The developer shall construct a public reclamation water system that will serve each lot and or parcels that are located in the proposed project in accordance with the City of Oceanside Ordinance No. 91-15. The proposed reclamation water system shall be located in the public right-of-way or in a public utility easement.
- G. A water and sewer study must be prepared by the developer, at the developer's expense, and reviewed and approved by the Water Utilities Department if a property goes through a zone change and an increase in density occurs and/or if deemed necessary by the Water Utilities Director.
- H. Water services and sewer laterals constructed in existing right-of-way locations are to be constructed by approved and licensed contractors at developer's expense.
- I. The developer will be responsible for developing all water and sewer utilities necessary to develop the property. Any relocation of water and/or sewer utilities is the responsibility of the developer and shall be done by an approved licensed contractor at the developer's expense.
- J. All lots with a finish pad elevation located below the elevation of the next upstream manhole cover of the public sewer shall be protected from backflow of sewage by installing and maintaining an approved type backwater valve, per the Uniform Plumbing Code (U.P.C.).
- K. An Inspection Manhole, as described in the City's Water, Sewer, and Reclaimed Water Design & Construction Manual, shall be installed in each building sewer lateral and the location shall be called out on the approved Improvement Plans.
- L. An Oil and Sand Interceptor, described by the Uniform Plumbing Code, relating to garages and wash racks shall be installed in each building sewer in an appropriate location and shall be maintained by the property owner. The location shall be called out on the approved Improvement Plans.

- M. A Grease Interceptor, described by the Uniform Plumbing Code, relating to restaurants, shall be installed in each building sewer in an appropriate location and shall be maintained by the property owner. The location shall be called out on the approved Building Plans.
- N. Subterranean parking spaces shall be drained to the City's Storm Drain System and shall comply with the most recent California Regional Water Quality Control Board Order requirements. Under no conditions will these drains be allowed to connect to the sanitary sewer system.
- O. Water and Wastewater Buy-in fees and the San Diego County Water Authority Fees are to be paid to the City and collected by the Water Utilities Department at the time of Building Permit issuance.
- P. All Water and Wastewater construction shall conform to the most recent edition of the City of Oceanside Water, Sewer, and Reclaimed Water Design & Construction Manual, or as approved by the Water Utilities Director.
- Q. All new development of single-family and multi-family residential units shall include hot water pipe insulation and installation of a hot water recirculation device or design to provide hot water to the tap within 15 seconds in accordance with City of Oceanside Ordinance No. 02-OR126-1.
- R. All developments larger than 3 single-family residential units must provide calculations to the Water Utilities Department which determines the wastewater generation rate from the development into the City's wastewater system and the water demand from the development and impacts to the City's potable water system. The water hydraulic modeling must be done as stated in this manual.