This project shall comply with the requirements of the 2016 series of the California Building Codes, which includes the following:

2016 California Building Code
2016 California Fire Code
2016 California Mechanical Code
2016 California Plumbing Code
2016 California Electrical Code
2016 California Energy Efficiency Code
2016 California Green Building Standards Code and the City of Dana Point Municipal Ordinance

DEFINITIONS
The discharge of pollutants to any storm drainage system is prohibited. No solid waste, petroleum byproduct, and particulate, construction waste, or wastewater generated on site or by construction activities shall be placed, conveyed, or discharged into the street, gutter, or storm drain system.

The finish grade shall be sloped away from the building for drainage purposes.

GENERAL REQUIREMENTS
The sump shall be required as the main drain for all pools located at bluff top sites and along Beach Road. All other sites, 4500 psi concrete (shorthead) or a water/cement ratio of 0.45 and Type V cement may be used in lieu of a water test report.

Pools may be designed and built using 4500 psi concrete with a justifiable soils report. A letter from a soils engineer shall be required reporting the suitability of the site, the soils type, the design parameters, and the soils report will be required at time of submittal.

In all cases, debris removal inspection in accordance with Ordinance 3109.A.1.4, shall be required for all poolside areas.

A shorthead concrete (wet or dry) shall conform to the following:

- Shall have an ultimate compressive strength of 4500 psi (Unless a soils report recommends an alternate strength).
- A water-cement ratio of 0.45.
- Type V cement

SPECIAL REQUIREMENTS
- All pools shall be securely closed and equipped with an alarm system, and the alarm system shall be tested and certified by a licensed contractor.

SWIMMING POOL
Any structure intended for swimming or recreational bathing that contains water over 18 inches (457 mm) deep and shall be installed on a sand foundation or stabilized in-place fill. Pools are bars or structures that are designed to hold water and are permanent in nature and intended for use by more than one person at a time. Pools include but are not limited to:

- A body of water over 18” deep where a drowning hazard exists. Ponds or fountains less than 18” deep shall not be required.

BARIERS FOR SWIMMING POOLS, SPAS, AND HOT TUBS
Section 3109.10 of the 2016 California Building Code has been amended to read as follows:

Section 3109.1.10 The top of the barrier shall be at least 60 inches above grade measured on the side of the barrier, which faces away from the swimming pool. The maximum vertical clearance between the ground plane of the barrier and the top of the barrier shall be 60 inches measured on the side of the barrier that faces away from the swimming pool. Where the top of the pool structure is above grade level, such an above ground barrier shall be used and be constructed of similar materials and be of the same height as the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 48 inches.

Section 3109.4.1.2 Openings in the barrier shall not allow passage of a 4-inch sphere.

Section 3109.4.2.1 Solid barriers which do not have openings, such as masonry or stone walls, shall not contain openings, indentations, projections, or projections except for normal construction tolerances and toed masonry.