

Swimming Pool/Spa Note Sheet

1. Pool and/or spa shall be completely enclosed by 5' minimum high fencing and gates with no openings greater than 4". Gates to be self-closing and self-latching with latch a minimum of 5' high and must be swinging outward.
2. Glazing within 5' of water edge shall be tempered.
3. Pool equipment not to exceed noise level required by Orange County Noise Ordinance Section 4-6-5 of Division 6 Orange County Codified Ordinance.
4. Special Inspection is required on pools/spas during gunite or shotcrete placement in accordance with 2016 CBC Sections 1705.3, 1908 and Table 1705.3.
5. Concrete, gunite and shotcrete used in pools/spas construction shall be resistant to sulfates per 2016 CBC Chapter 19 and ACI 318 Table 19.3.1.1. Use $F'c=4500$ psi 28 day compressive strength with Type V Cement (maximum water/cement ratio = 0.45 per ACI Table 19.3.2.1) unless otherwise specify by soil report.
6. For expansive soils, use an Equivalent Fluid Pressure of 100 PCF (for level lot) and 125 PCF (for slopes) when soils report is not available.
7. All electrical shall be in conformance with the 2016 CEC.
8. Pool shell and perimeter paved and unpaved surfaces shall be bonded in accordance with CEC 680.26(B). Bonding to perimeter surfaces shall be provided as specified in CEC 680.26(B)(2)(a) or (2)(b) and shall be attached to the pool reinforcing steel or copper conductor grid at a minimum of four (4) points uniformly spaced around the perimeter of the pool.
9. Pool/spa water heater and gas piping installation to be in conformance with the 2016 CPC.
10. Two return drains required, one drain at the bottom and one drain at the side 2" within bottom, minimum 4' apart with anti-vortex covers.
11. Contractor is advised to refer to Section 115928 of the California Health and Safety Code for proper installation of the pool drain system.
12. All drains, grates, protective devices & skimmer cover for swimming pools/spas must be approved by this agency prior to installation.
13. All equipment shall be installed per manufacturers' recommendations and in accordance with the County of Orange regulations.
14. Prior to steel inspection, Building Inspection will require a memo from the Soil/Geotechnical Engineer stating "Pool excavation is suitable for the support of the structure and the design assumptions are considered adequate."
15. Any pool or spa heating system or equipment shall be installed only if the manufacturer has certified the system per 2016 California Energy Code section 110.4. Cover shall be installed if outdoor pool/spa has a heat pump or gas heater.
16. Dirt and construction debris shall go to a legal dump site.
17. Property markers must be visible at the time of inspection or a survey will be required.

NOTICE COUNTY PROPERTY PERMIT REQUIRED

CURB CUTS, DRIVEWAYS, EXAVATIONS, STORAGE OF MATERIAL OR ANY REPAIR WORK IN, OVER, ALONG A CROSS OR THROUGH ANY HIGHWAY WITHOUT FIRST OBTAINING A PERMIT TO DO SO FROM OC PUBLIC WORKS | OC PLANNING IS AN UNLAWFUL ACT. Sec 6-1-2 Orange County Code (may take 4-6 weeks to obtain permit).
