



## *City of Costa Mesa Building Division* **POOL AND SPA REQUIREMENTS**

The following information is required in a clear and legible manner. All information shall be complete and on the plans.

4 sets of plans showing all of the following with measurements shown from property lines, buildings, patio covers or other structures.

1. Name, address, phone number of owner.
2. Name, address, phone number, type of license of any contractors or subcontractors.
3. Pool and/or spa location.
4. Equipment location.
5. Gas and electrical meter locations.
6. Overhead service lines and serving pole location.
7. Type of gas and electrical conduits to be used.
8. Size of main electrical service (if less than 100 AMP, service is probably inadequate and will have to be upgraded to minimum City requirements.)
9. Rating (horsepower, voltage, amps) of all electrical equipment.
10. BTU rating of gas heater.
11. Distance and size of gas line.
12. All electrical outlets within 15 ft. of pool/spa.
13. Handrails, ladders, slides and diving boards (if any).
14. Location of doors and windows within 5 ft. of pool/spa.
15. The type of construction—gunite, poured concrete, prefabricated fiberglass or other.
16. The pool dimensions, including the depth and adequate cross-sections drawn to scale.
17. Computations, stress diagrams and other data sufficient to show the correctness of plans; including reinforcing steel schedule and details.
18. A statement by the applicant concerning the anticipated nature of the soil under and around the pool structure (expansive, moderately expansive, non-expansive). (A soils report may be required by Building Division prior to permit issuance.)
19. The Engineer's wet ink signature is required on pool structural plans and calculations.
20. All semi-private pools and spas shall conform to California Administrative Code Title 24 handicapped requirements (hotels, motels, recreation areas for lease to public or publicly funded projects and condominiums).
21. Where a permanently installed pool is constructed, at least one 120 volt receptacle shall be installed a minimum of 10 feet and not more than 20 feet from the inside wall of the pool and shall be protected by a ground fault circuit interrupter.
22. Indoor installation of spas and hot tubs, receptacles shall not be closer than five (5) feet to spa/tub.
23. Receptacles located within twenty (20) feet of a spa or hot tub shall be G.F.C.I.
24. Receptacles for spa/hot tub motors shall be G.F.C.I. protected.

## **GENERAL REQUIREMENTS**

1. Pressure test shall be required on entire system (35 P.S.I air test or water fill) prior to back fill.
2. Overhead Edison drops shall be installed per NEC 680-8.
3. Clarification or additional information may be obtained by telephone: (714) 754-5273, between 8:00 a.m. and 4:30 p.m.

## **REQUIRED SETBACKS**

Pool Heater vent outlet as per (Chapter 8 CMC)

1. 4ft from doors/windows (CMC 802.2.6).
2. 4ft from attic vent. (CMC 802.8.2)

### **Pool/Spas:**

Above-ground pools and spas shall not be located in the required front yard setback from a public street and are subject to 5 foot and 10 foot yard setbacks for main structures. Any deck that is raised higher than 6 inches above grade, will also be subject to the 5 foot and 10 foot yard setbacks requirements. Please consult with Planning Division regarding any in-ground pool and/or spa that are proposed to be located in the front yard.

1. Overhead Edison drops shall be installed per NEC 680-8 CEC.
2. It shall be unlawful for any person to install, remove, alter, repair or replace any plumbing, gas or drainage piping or any fixture, swimming pool heater or treating equipment in a building or premises without first obtaining a permit to such work from the Building Division.
3. Clarification or additional information may be obtained by telephone (714) 754-5273, between 8:00 am and 4:30 pm.