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Community and Economic Development Department – Building Division

## Pool and Spa Submittal Requirements

A “swimming pool” or “pool” or any structure intended for swimming or recreational bathing that contains water over 18” deep. Swimming pool includes in-ground and aboveground structures and includes, but limited to, spas, hot tubs, portable spas and nonportable wading pools shall be reviewed and approved by the City of Pittsburg Building Division, Engineering Department and Planning Department prior to installation and the beginning of work. A completed Building Permit accompanied by four sets of plans must be submitted to the Building Division.

**The submittal shall include the applicable information listed below:**

- Site plan showing the existing residence, all accessory structures, proposed location of the pool or spa, all fencing and gates, and the methods for complying with the California Swimming Pool Safety Act (see below), location of all easements and setback distances from all property lines and structures.
- Location of pool or spa equipment.
- Location of overhead electrical power, network-powered broadband communication systems (22.5’ minimum clearance over water) and communication systems (10’ minimum above water)
- Electrical wiring, outlets, fixtures, and switches within 20 feet of the pool or spa.
- Structural details and calculations shall be stamped and signed by the design engineer.
- Note UL listing for spas and pool equipment.
- Provide spa brochure with installation instructions.
- In addition, the California pool barrier requirements as prescribed in the California Health and Safety Code, Sections 115920 through 115929, Shall be equipped with at least two of the seven drowning prevention safety features, these regulations can be accessed at: [https://leginfo.ca.gov/faces/codes\\_displayText.xhtml?lawCode=HSC&division=104.&title=&part=10.&chapter=5.&article=2.5](https://leginfo.ca.gov/faces/codes_displayText.xhtml?lawCode=HSC&division=104.&title=&part=10.&chapter=5.&article=2.5), or Appendix AX, 2022 California Residential Code book.
- Anti-entrapment grates noted within the above-mentioned code are also required when a permit is issued for any remodel or modification to an existing swimming pool, toddler pool, or spa.

**Electrical**

- At least one 125-volt receptacle shall be located a minimum of 6 feet, but not more than 20 feet from the inside wall of the pool. The receptacle shall not be located more than 6 feet 6 inches above the floor or grade serving the pool.
- Switching devices shall be located at least 5 feet horizontally from the inside wall of the pool or spa.
- All convenience receptacles on the property shall be located at least 10 feet from the pool or spa.
- All 125-volt receptacles located within 20 feet of the pool or spa shall be protected by a GFCI device, to include the circuit supplying underwater light fixtures.



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**Fuel Heated Pools**

- Indicate if the pool will be fuel heated. If a heater is provided the following items must meet the California Energy Code efficiency standards.
- An on-off switch mounted on the outside of the heater for easy access to allow shutting off the operation of the heater without adjusting the thermostat setting and to allow restarting without re-lighting the pilot.
- A permanent weatherproof plate, easily readable, giving instructions for the energy efficient operation of the swimming pool and for the proper care of the swimming pool water when a pool cover is used.
- A 36-inch minimum length of piping between the filter and the heater, to allow for future solar heating equipment.
- Outdoor fuel heated pools shall be provided with a pool cover.
- Time clocks shall be provided and equipped so that the pump can be set to run in the off-peak electric demand period unless required to operate an active solar heating system and for the minimum time necessary to maintain the water in a clear and sanitary condition. Where public health standards require 24-hour operation, time clocks are not required.
- Pools shall be provided with directional outlets to provide adequate mixing of the pool water.

All work shall comply with the 2022 California Building, Residential, Electrical, Plumbing and Mechanical Codes.