

Southwest Washington Chapter of ICC

This construction detail is illustrative of the minimum standard of construction based upon the 2018 ISPSC/WSEC

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ADDITIONAL REQUIREMENTS:
See the ISPSC Section 305 for Barrier Requirements and additional pool and spa requirements R328.WAC. This handout applies to single-family dwelling or duplex owners.

UPC 813.1 Pipes carrying wastewater from swimming or wading pools, including pool drainage and backwash from filters, shall be installed as an indirect waste. Where a pump is used to discharge shall be installed as an indirect waste. Pool shall discharge per the local jurisdiction. Per the UPC potable water 603.5.20, potable water Check with Authority having jurisdiction for water connection.

ENERGY CODE REQUIREMENTS FOR POOL AND SPA

WSEC R403.10 Pool and permanent spa energy consumption (mandatory). Pools and permanent spas shall comply with Sections R403.10.1 through R403.10.4.2.

Heaters-The electric power to heaters shall be controlled by a readily accessible on-off switch that is integral part of the heater mounted on the exterior of the heater, or external to and within 3 feet of the heater. Operation of such switch shall not change the settings of the heater thermostat. Such switches shall be in addition to circuit breaker for the power to the heater. Gas-fired heaters shall not be equipped with constant burning pilot lights.

Time Switches or other control method that can automatically turn off and on according to a preset schedule shall be installed for heaters and pump motors. Heaters and pump motors that have built in time switches shall be deemed in compliance with this requirement.

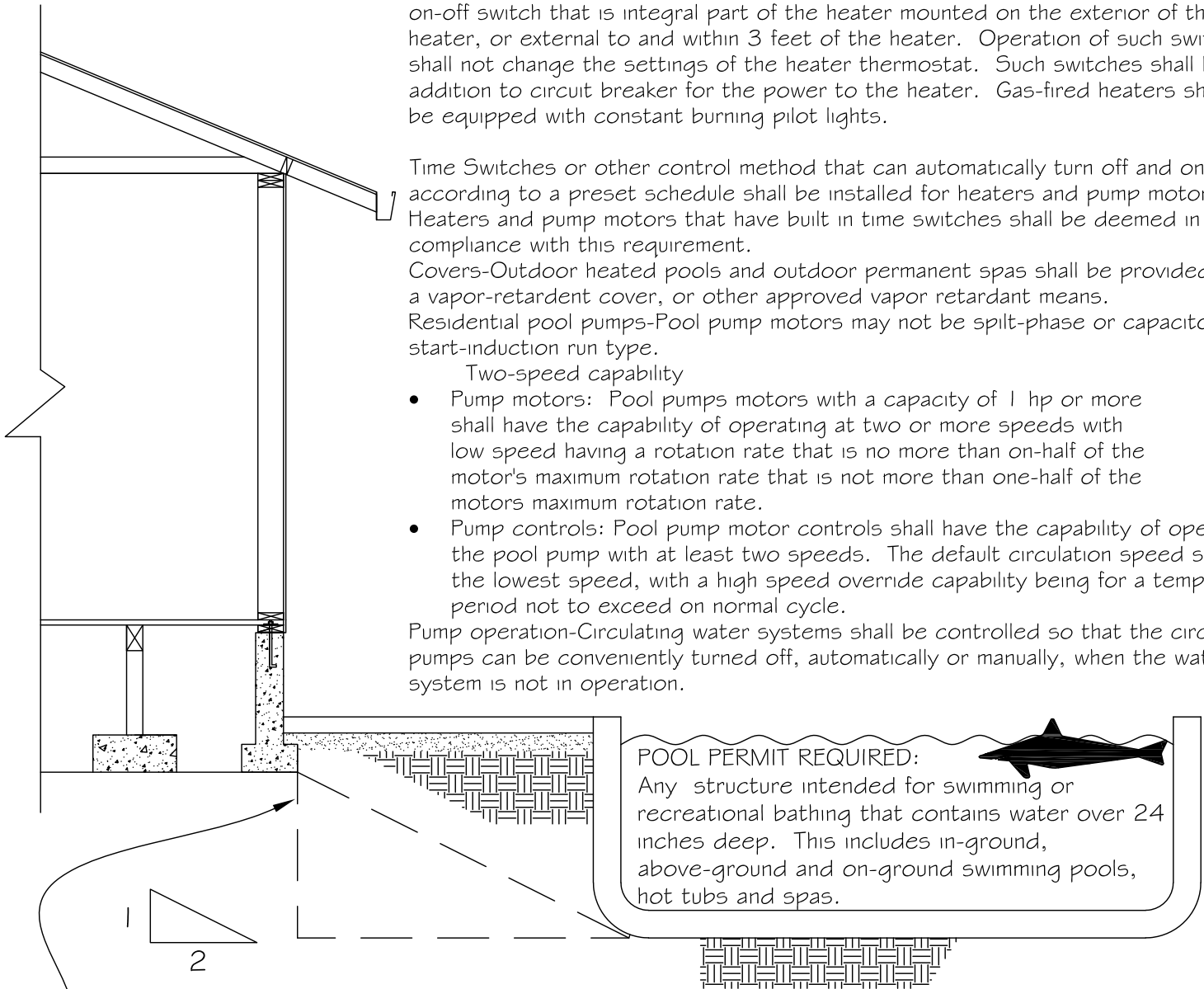
Covers-Outdoor heated pools and outdoor permanent spas shall be provided with a vapor-retardent cover, or other approved vapor retardant means.

Residential pool pumps-Pool pump motors may not be split-phase or capacitor start-induction run type.

Two-speed capability

- Pump motors: Pool pumps motors with a capacity of 1 hp or more shall have the capability of operating at two or more speeds with low speed having a rotation rate that is no more than one-half of the motor's maximum rotation rate that is not more than one-half of the motor's maximum rotation rate.
- Pump controls: Pool pump motor controls shall have the capability of operating the pool pump with at least two speeds. The default circulation speed shall be the lowest speed, with a high speed override capability being for a temporary period not to exceed one normal cycle.

Pump operation-Circulating water systems shall be controlled so that the circulation pumps can be conveniently turned off, automatically or manually, when the water system is not in operation.

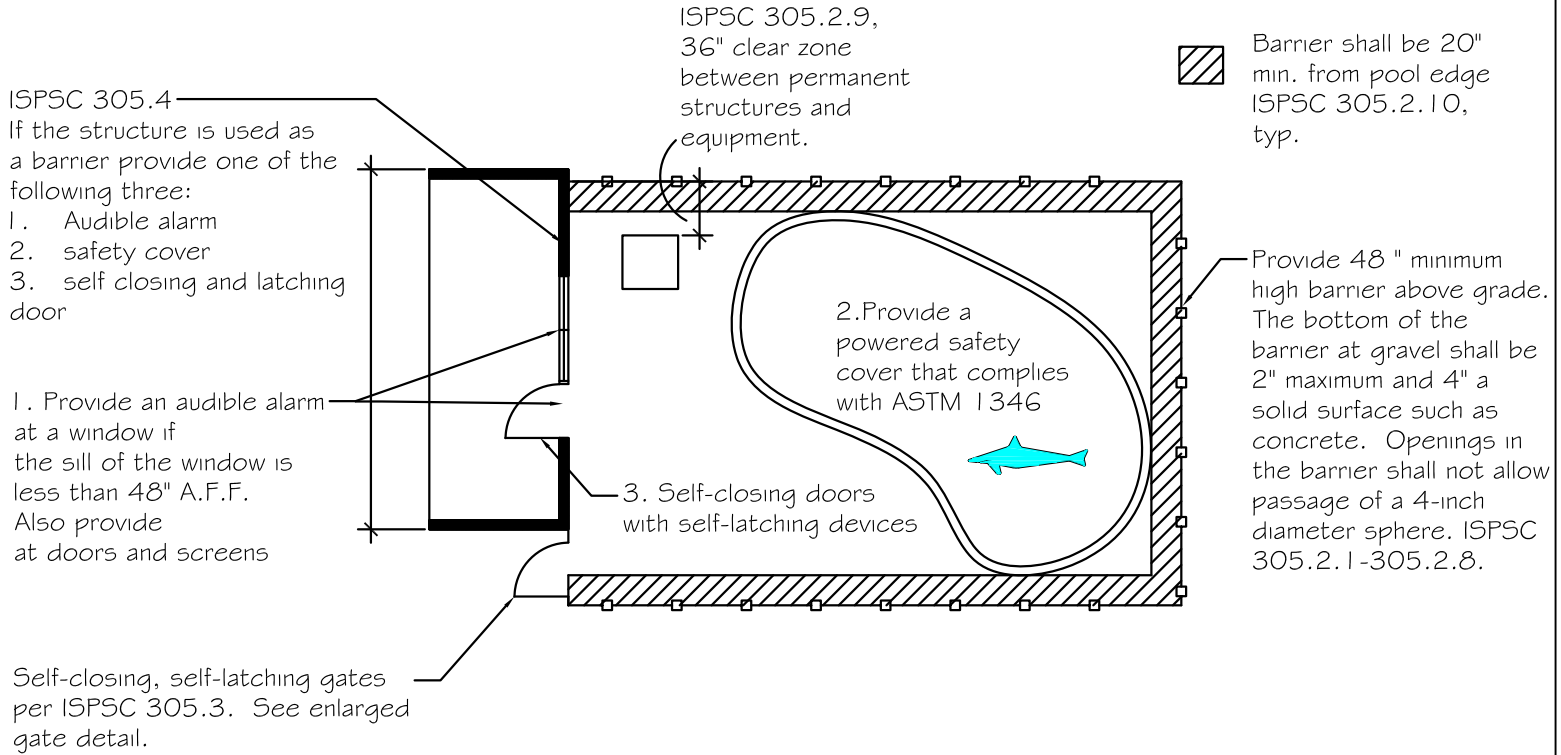


POOL PERMIT REQUIRED:

Any structure intended for swimming or recreational bathing that contains water over 24 inches deep. This includes in-ground, above-ground and on-ground swimming pools, hot tubs and spas.

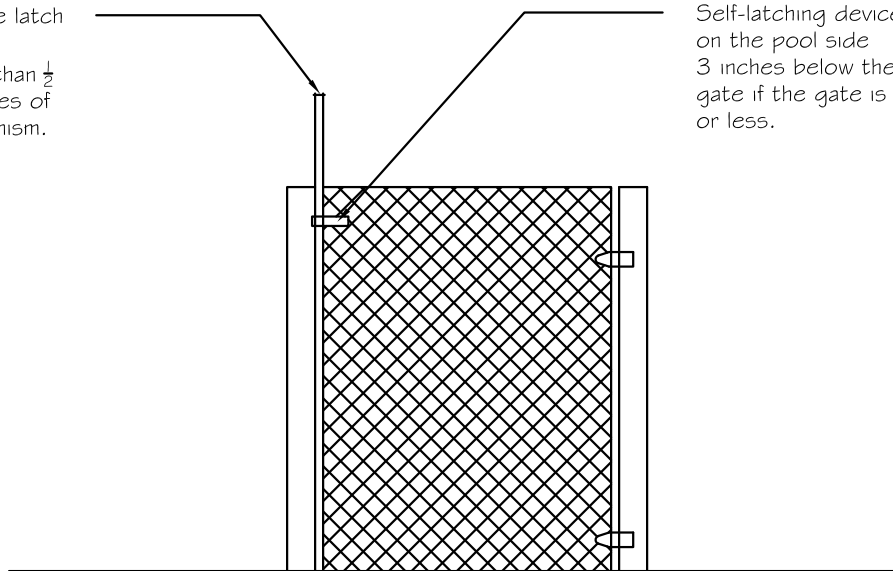
POOL TO FOUNDATION SETBACKS:

Minimum 1 vertical unit to 2 horizontal unit as measured from the bottom of the building structure's footing to the bottom of the pool's excavation. If this distance cannot be maintained, then engineering calculations shall be provided. Also, verify with Zoning for additional requirements.



The opening on the latch side shall not have openings greater than $\frac{1}{2}$ inch within 18 inches of the release mechanism.

Self-latching device located on the pool side 3 inches below the top of gate if the gate is 54 inches or less.



Self-closing gate/latch