
Chapter 32 - SWIMMING POOLS*

Cross reference—Buildings and building regulations, Ch. 9; water, sewers, and sewage disposal, Ch. 33.

Sec. 32-1. - Approval of plans.

Sec. 32-2. - Statement of policy.

Sec. 32-3. - Barriers and enclosures.

Sec. 32-4. - Secondary protection.

Sec. 32-5. - Lighting.

Sec. 32-1. - Approval of plans.

All plans submitted to the city for swimming pools to be constructed shall show compliance with this chapter and final inspection and approval of all pools hereafter constructed shall be withheld until all requirements of this chapter shall have been complied with.

(Code 1963, § 27-5)

Sec. 32-2. - Statement of policy.

It is found, determined and declared that the maintenance of private swimming pools, spas, hot tubs or other outside contained bodies of water without appropriate precautionary measures constitutes a severe hazard to the safety of the inhabitants of the city, particularly children.

(Code 1963, § 27-1; Ord. No. 2046, § 1, 12-8-98)

Sec. 32-3. - Barriers and enclosures.

(a)

Required. No person in possession of land within the city, either as owner, purchaser under contract, lessee, tenant or person licensed to use the property, upon which is situated a swimming pool or other outside contained body of water designed or used for swimming, dipping or immersion purposes, with a minimum depth of eighteen (18) inches, shall fail to maintain on the lot or premises upon which such pool or body of water is located a barrier meeting the requirements set forth in this section 32-3.

(b)

Minimum Requirements. Except as otherwise provided, all swimming pools or other contained bodies of water shall meet all of the following requirements:

(1)

Be entirely enclosed by at least a five (5) foot wall, fence or other barrier as measured on the exterior side of the wall, fence or barrier. A dwelling house or accessory building may be used as part of such enclosure.

(2)

Have no openings in the wall, fence or barrier through which a spherical object four (4) inches in diameter can pass. The horizontal components of any wall, fence or barrier shall be spaced not less than forty-five (45) inches apart measured vertically or shall be placed on the pool side of a wall, fence or barrier which shall not have any opening greater than one and three-quarter (13/4) inches measured horizontally. Wire mesh or chain link fences shall have a maximum mesh size of one and three-quarters (13/4) inches measured horizontally.

(3)

Gates for the barrier or enclosure shall:

a.

Be self-closing and self-latching with the latch located at least fifty-four (54) inches above the underlying ground or on the pool side of the gate with a release mechanism at least five (5) inches below the top of the gate and no opening greater than one-half (1/2) inch within twenty-four (24) inches of the release mechanism.

b.

Open outward from the pool.

(4)

The wall, fence or barrier shall not contain openings, handholds or footholds accessible from the exterior side of the barrier that can be used to climb the wall, fence or barrier.

(5)

The wall, fence or barrier shall be at least twenty (20) inches from the water's edge.

(c)

Maintenance. Barriers and enclosures required by this section shall be maintained in proper operating order by the owner or occupant.

(d)

Openings larger than forty-eight (48) inches. Gates or doors opening through the enclosure required by paragraph (b) above which are greater than forty-eight (48) inches in width may be secured by a padlock or similar device which requires a key, electric opener or integral combination in lieu of being equipped with a self-closing and self-latching device as set forth in paragraph (b) above.

(e)

Exemptions. This section does not apply to:

(1)

A system of sumps, irrigation canals, irrigation, flood control or drainage works constructed or operated for the purpose of storing, delivering, distributing or conveying water.

(2)

Stock ponds, storage tanks, livestock operations, livestock watering troughs or other structures used in normal agricultural practices.

(3)

Public or semi-public swimming pools.

(4)

Lakes or decorative ponds.

(f)

Notice. A person shall, on entering into an agreement to build a swimming pool, spa, hot tub or other contained body of water or to sell a dwelling with a swimming pool or contained body of water, give the buyer a notice explaining safety education and responsibilities of pool ownership as approved by the department of health services and a copy of this chapter 32 of the code of the City of Glendale.

(g)

Violations. A violation of any provision of this section 32-3 shall be deemed a class 1 misdemeanor offense.

(Code 1963, §§ 27-2, 27-3; Ord. No. 1683, § 2, 4-23-91; Ord. No. 2046, § 2, 12-8-98)

Sec. 32-4. - Secondary protection.

(a)

Application. The provisions of this section shall apply to swimming pools, spas, hot tubs or other contained bodies of water (above or below ground) when a residence or living area, in which a child younger than six (6) years of age will, or does, reside, constitutes part of the barrier or enclosure required by section 32-3 and:

(1)

Such swimming pool, spa, hot tub or other contained body of water is constructed or installed after the effective date of this provision at a single family residence; or

(2)

An existing swimming pool or other body of water lawfully constructed prior to the effective date of this section, but which does not conform to these regulations, shall become subject to these regulations as a result of any alteration, addition, or expansion of a dwelling unit or guest room having access to such pool, that increases the livable floor area; or

(3)

The existing single family residence is sold.

(b)

Requirements. When an event described in paragraph (a) above occurs, one (1) of the following methods of secondary protection shall be provided:

(1)

Between the swimming pool or other contained body of water and the residence or living area, a minimum five (5) foot wall, fence or barrier to the pool area which meets all of the requirements of section 32-3(b), subparagraphs (2) through (5); or

(2)

The pool shall be protected by a motorized safety pool cover which requires the operation of a key switch which meets the American Society of Testing and Materials Emergency Standards 13-8-9 and which does not require manual operation other than the use of the key switch; or

(3)

All ground level doors or other doors with direct access to the area containing a swimming pool or other contained body of water shall be equipped with either: (A) a self-closing and self-latching device with the latch located at least fifty-four (54) inches above the finished floor; or, (B) an alarm placed not less than fifty-four (54) inches above the finished floor and which activates automatically whenever the door is opened.

If provided, the alarm shall sound continuously for a minimum of thirty (30) seconds beginning within the first seven (7) seconds after the door and its screen, if present, are opened and be capable of providing a sound pressure level of not less than eighty-five (85) dBA when measured at ten (10) feet in any direction. The sound of the alarm shall be distinctive from other household sounds such as smoke detectors, telephones, and door bells. The alarm system may be equipped with a manual means to temporarily deactivate the alarm for a single opening. Such deactivation shall last no longer than fifteen (15) seconds. An off switch is not acceptable. The deactivation switch shall be located at least fifty-four (54) inches above the floor.

Emergency escape or rescue windows from sleeping rooms with access to the swimming pool or other contained body of water shall be equipped with a latching device not less than fifty-four (54) inches above the floor. All other openable dwelling unit or guest room windows with similar access shall be equipped with a screwed in place wire mesh screen or a latching device located not less than fifty-four (54) inches above the floor; or

(4)

An alarm maintained in or on the swimming pool or other body of water. The alarm shall be installed so as to activate automatically whenever a person enters the swimming pool or body of water and remain activated until manually turned off. The alarm shall sound continuously within the first seven (7) seconds after a person enters the swimming pool or body of water and be capable of providing a sound pressure level of not less than eighty-five (85) dBA when measured at ten (10) feet in any direction. The sound of the alarm shall be distinctive from other household sounds such as smoke detectors, telephones, and doorbells; or

(5)

The swimming pool shall be an above-ground swimming pool which has non-climbable exterior sides which are a minimum height of four (4) feet. Any access ladder or steps shall be removable without tools and secured in an inaccessible position with a latching device not less than fifty-four (54) inches above the ground when the pool is not in use; or

(6)

Latching or locking hard safety cover which may be latched or locked shall be deemed to meet all barrier requirements of this section for any spa or hot tub which is not more than eight (8) feet (2438 mm) in width, length or diameter; or

(7)

Alternative protection not specified herein and providing protection meeting the intent of these requirements is allowed when approved by the building official.

(c)

Compliance.

(1)

All plans submitted to the city for swimming pools to be constructed or installed after the effective date of this section shall specify the manner in which compliance with this section shall be accomplished. Submission of the plans shall constitute verification by the builder and owner of compliance with this section and the manner of compliance.

(2)

If an existing single family residence containing a swimming pool or other body of water is sold after the effective date of this section and secondary protection is required by this section, the buyer shall comply with the provisions of this section no later than thirty (30) days after the date the buyer first takes occupancy of the residence.

(d)

Maintenance. Secondary protection required by this section shall be maintained in proper operating order by the owner or occupant.

(e)

Exemptions. This section does not apply to:

(1)

A system of sumps, irrigation canals, irrigation, flood control or drainage works constructed or operated for the purpose of storing, delivering, distributing or conveying water.

(2)

Stock ponds, storage tanks, livestock operations, livestock watering troughs or other structures used in normal agricultural practices.

(3)

Public or semi-public swimming pools.

(4)

Lakes or decorative ponds.

(f)

Complaints. All complaints regarding a violation of this section shall be investigated by the fire department.

(g)

Violations. A violation of any provision of this section 32-4 shall be deemed a class 1 misdemeanor offense.

(Ord. No. 2046, § 3, 12-8-98)

Sec. 32-5. - Lighting.

Any lights used to illuminate any swimming pool shall be so arranged and shaded as to reflect light away from any adjoining or neighboring premises.

(Code 1963, § 27-4)

Editor's note—Ordinance No. 2046, § 3, adopted December 8, 1998 added Section 32-4. Due to an existing Section 32-4, by authority of the city attorney, the previous Section 32-4 has been editorially renumbered as Section 32-5.

CITY OF GLENDALE SWIMMING POOL INSPECTION CHECKLIST

PRE-GUNITE:

SITE REQUIREMENTS:

- Permit site card/plot plan posted
- Setbacks per approved plot plan
- Approved plans on job site
- No equipment / conduit / piping within P.U.E. Exception: written approval from all serving utilities
- Spa/pool gas heater vents minimum 4 ft. from property line
- Pool filter, pumps and motors do not interfere with existing electrical panel boards & disconnects.
- Proper working clearance
- Pool filter does not obstruct access to existing ground mounted condensing unit
- Pool equipment does not obstruct emergency bedroom window egress
- Access for construction not through N.V.A.E. or Engineering permit must be obtained
- All windows within 5 ft. of water's edge are safety glazed.

STRUCTURAL REQUIREMENTS:

- Walls & floors have rebar placed per Engineering Plans.
- Walls surcharged with additional steel reinforcing per approved plans, When pool depth is greater than the distance to property lines, fences and structures.

- Minimum of 3" of concrete cover for steel reinforcing at all locations
- Bond beam is installed at top of wall per plans.

PLUMBING REQUIREMENTS:

- Water line minimum 12" below grade.
- Pressure vacuum breaker installed at self-leveler water line connection to house supply line.
- Hose bib vacuum breakers installed.

ELECTRICAL REQUIREMENTS:

- All underground conduits must comply with Table 300-5 (2002 NEC) for burial depth requirements.
- All Electrical to be completed prior to Pregunite inspection, exception... connection to hot Pool light wire in brass J-box may be left disconnected but must be protected.
- No receptacles within 10 ft. of pool or install permanent fence or barrier if less than 10 ft.
- Minimum of one receptacle within 20 ft. of pool and all receptacles within 20 ft. GFCI protected
- Existing light fixtures within 5 ft. of pool wall must be minimum 5 ft. above pool surface and rigidly attached to existing structure and GFI protected.
- No ceiling fans within 5 ft of pool wall

- ❑ Switches located minimum of 5 ft. from wall of pool or permanent fence or barrier installed
- ❑ Overhead wiring minimum 18' above deck, 14' minimum above diving board
- ❑ Underground ferrous conduit has corrosion protection per NEC
- ❑ No underground wiring within 5 ft. of pool wall, unless supplying pool equipment and installed within rigid metal conduit, IMC or PVC conduit
- ❑ Wet-niche lighting fixtures located minimum 18" below normal water level top of fixture lens
- ❑ Brass metal conduit used for wet-niche fixtures
- ❑ All metallic parts or fittings attached to pool structure, pump motors, pool covers, pool fencing and all metallic parts within 5 ft. of pool are bonded with #8 solid copper conductor
- ❑ Connectors for bonding are pressure connectors or clamps of stainless steel, brass, copper or copper alloy
- ❑ Wet-niche fixture(s), motor(s), panel board(s) equipment grounding conductors sized per NEC Table 250.122 (minimum #12)
- ❑ Conductors for wiring proper size for equipment
- ❑ Proper type circuit breakers installed (per UL listing)
- ❑ All exterior sub-panels, timer boxes approved for exterior use
- ❑ All timers & sub-panels have proper working clearance. (30" width and 36" in front)
- ❑ Provide all bonding connections to all required items such as diving board jigs, basketball sleeves, etc., before Pregunite inspection is called.

PRE-PLASTER:

SITE REQUIREMENTS:

- ❑ Pool barriers must meet all City Pool Barrier Ordinance requirements.
- ❑ Pedestrian gates swing outward and are self-closing, self-latching
- ❑ RV gate(s) have padlock
- ❑ Spa heater vent is minimum of 4 ft from property line
- ❑ Windows within 5 ft of water's edge are safety glazed

STRUCTURAL REQUIREMENTS:

- ❑ No cracks exceeding 1/8" in concrete gunite
- ❑ Concrete decking around pool installed
- ❑ Water features installed complete, all rocks mortared in place

PLUMBING REQUIREMENTS:

- ❑ Self-leveler has Pressure vacuum breaker installed at house connection. Don't forget hose bib vacuum breaker!
- ❑ All exposed PVC water piping has been painted or protected from sunlight
- ❑ All trenches back-filled

ELECTRICAL REQUIREMENTS:

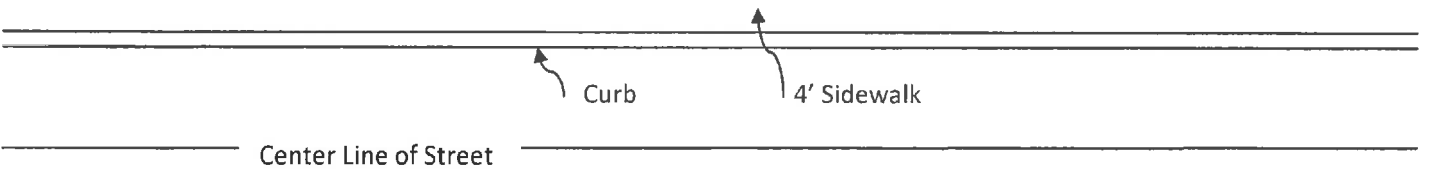
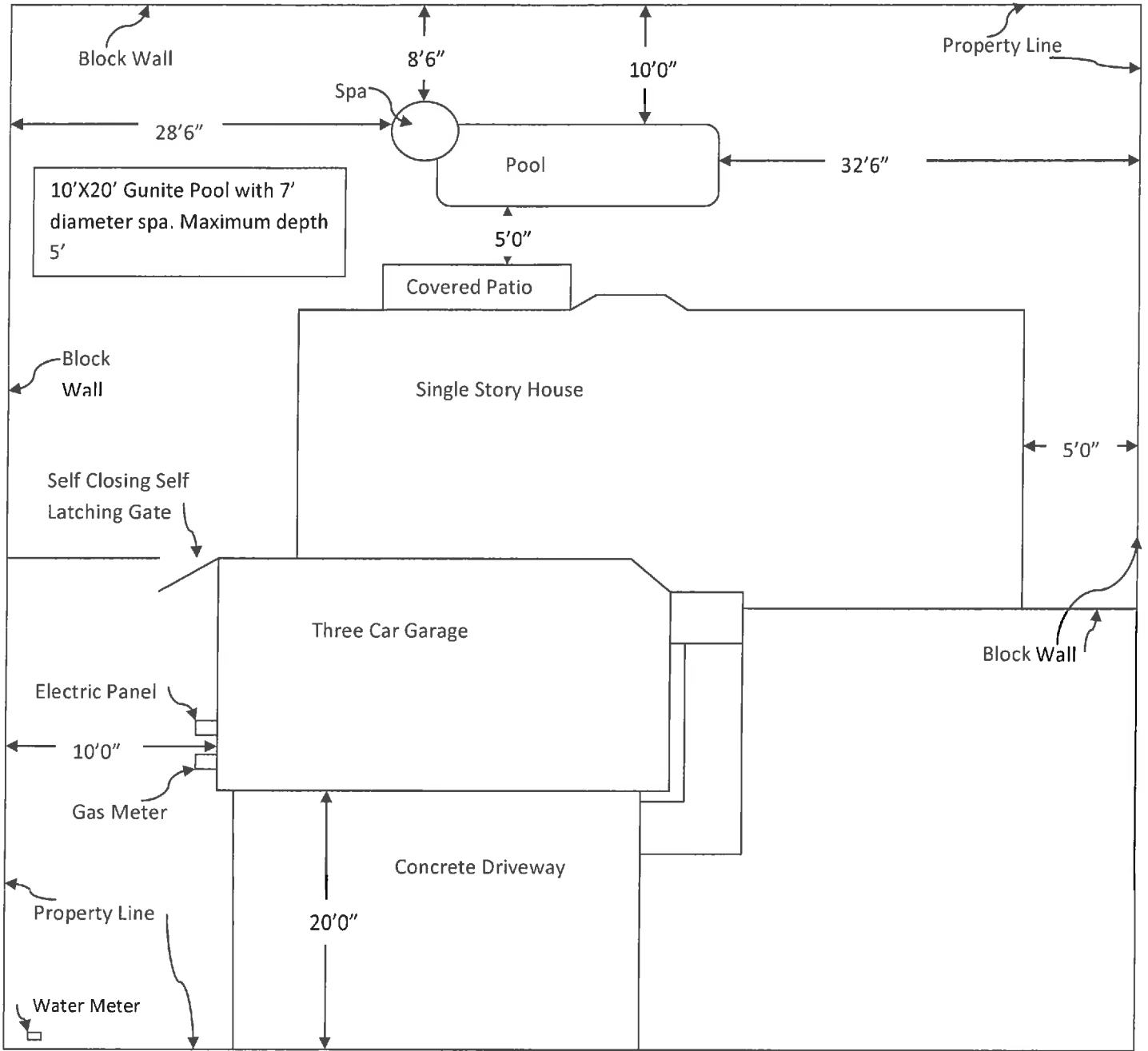
- ❑ All circuit breakers at service section and sub-panels are labeled
- ❑ All trenches are back-filled
- ❑ All exposed conduits are secured per NEC requirements
- ❑ All bonding clamps installed/secured
- ❑ All wrought iron fences and other metallic parts within 5 ft. of water's edge are bonded to pool steel
- ❑ All timers and sub-panels are secured/supported properly. If raceway supported, two conduits must be threaded into enclosure or hubs and conduit supported within 18" of enclosure so as to provide a rigid and secure installation
- ❑ All exterior boxes are rain tight with weatherproof gaskets

- All timers and sub-panels have proper working clearance 30" minimum width and 36" minimum in front

POOL BARRIER REQUIREMENTS:

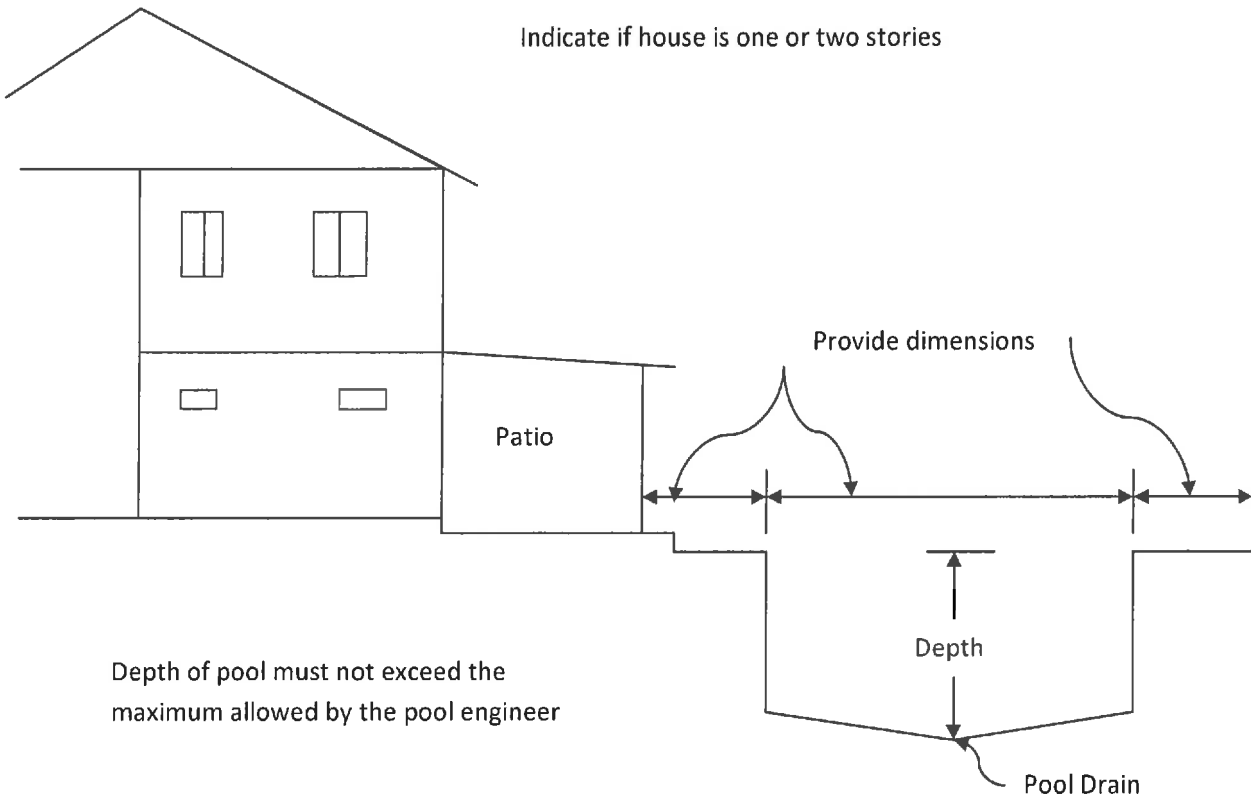
- Per adopted City Ordinance.

Here are some **examples** of documents that have been mentioned in the preceding pages:



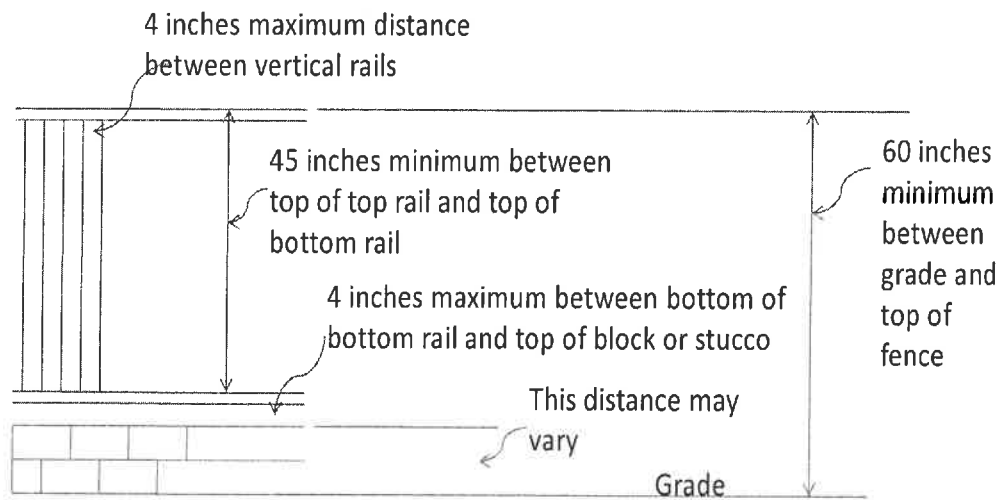
Elevation showing pool relationship to house.

Indicate if house is one or two stories



Depth of pool must not exceed the maximum allowed by the pool engineer

Pool Fence Requirements



Pool Fence Requirements

