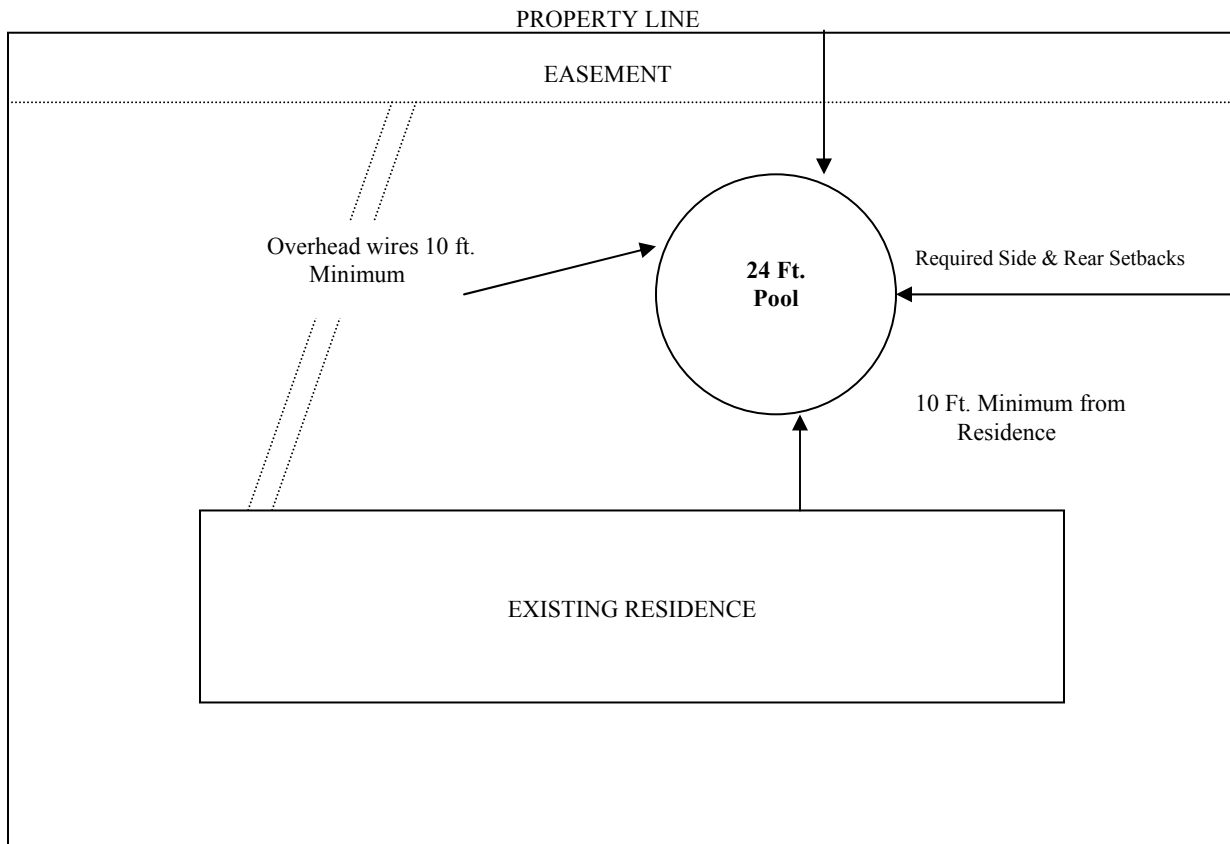


PLAT OF SURVEY

This sample plat of survey is for informational use ONLY! It expresses some of the minimum illustrations required when applying for a building permit for a swimming pool, spa, or hot tub. It is the owner's responsibility to provide adequate drawings showing the structural information on the swimming pool, spa or hot tub including information of the filter and pump, and the plat of survey (2 sets of all required information).

SAMPLE PLAT OF SURVEY INFORMATION



GENERAL ELECTRICAL REQUIREMENTS 2002 NATIONAL ELECTRIC CODE

Swimming Pool and related equipment electrical requirements, condensed.

Before you begin, please verify all electrical installations before proceeding with the Department of Building Safety.

- 1) All swimming pools, wading pools, spas, hot tubs or fountains: No overhead electrical wires allowed within 10 (ten) feet of the inside wall of the above. Likewise, underground electrical wiring installations shall not be within 5 (five) feet of the wall of the pool, etc.
- 2) Receptacles:
 - a) A receptacle solely for the pool pump motor shall be permitted between five (5) feet and ten (10) feet from the inside walls of the pool or fountain, and where so located, shall be single (not a duplex) and of the locking and grounding type and shall be protected by a ground-fault circuit interrupter.
 - b) Other receptacles on the property shall be located at least ten (10) feet from the inside wall of the pool or fountain.
 - c) At dwelling units at least one 120 volt 15 or 20 ampere receptacle shall be located a minimum of ten (10) feet from and not more than twenty (20) feet from the inside wall of the pool.
 - d) All 120 volt receptacles located within twenty (20) feet of the inside walls of a pool or fountain shall be protected by a ground fault circuit interrupter.
- 3) Lighting fixtures, lighting outlets, and ceiling (paddle) fans.
 - a) In outdoor pool areas, lighting fixtures, lighting outlets, and ceiling-suspended (paddle) fans shall not be installed over the pool or over the area extending five (5) feet horizontally from the inside walls of a pool.
 - b) Switching devices on the property shall be located at least five (5) feet horizontally from the inside walls of a pool.
- 4) The pool pump power cord shall be no longer than three (3) feet and shall contain a copper equipment grounding conductor not smaller than AWG no. 12 and shall be of the grounding type. If used within ten (10) feet of the pool it shall be of the locking type.
- 5) All metal parts of the pool equipment shall be bonded together with an AWG no. 8 SOLID copper conductor. This would include the conduit near the pump outlet, the pump, the pool metal frame and any other hand rail, platform or other metal object.

RESIDENTIAL POOLS

SUBMIT THE FOLLOWING TO OBTAIN A PERMIT

- * Two (2) Plats of Survey, showing the pool location, size and dimensions to the property lines, and the location of above-ground or underground electrical service wires.

ABOVE GROUND POOL:

- * Two (2) copies of the pool specifications, and the specifications on the filter and pump. All electrical components must have NRTL certification and comply with the 2002 National Electric Code.

IN GROUND POOL

- * Site built or pre-manufactured "In-ground" swimming pool plans will show: a dimensioned plan view of the pool, dimensioned cross sections (wall and bottom thickness and reinforcement if applicable.) A dimensioned plan view of the supporting components such as lights, pumps, filters, heaters, diving boards, ladders and fence layout. Plumbing, wiring, and bonding grid diagrams must be provided.

ONCE YOUR PERMIT IS ISSUED

The green building permit card must be posted so that it is visible from the street. Call the Department of Building Safety to schedule the appropriate inspections. Call the number on the green permit card 1 business day in advance of when you need the inspection. The approved construction plans and permit must be kept on the job site and available to the inspector for review at the time of inspection.

Call J.U.L.I.E. for assistance in locating utilities at 800/892-0123, 24 hours a day prior to beginning construction.

REQUIRED INSPECTIONS

- * The installation of underground electrical or mechanical (gas) piping associated to swimming pool, hot tubs, or spas shall be inspected prior to backfilling trench(es).
- * Electrical inspection is required prior to concealment of rough electric, including bonding of all metal components for in-ground swimming pools, spas, hot tubs adjacent to pools.
- * A final inspection is required after the swimming pool, spa or hot tubs has been installed, after all associated equipment is operational and the enclosure (fence) is complete. A copy of the Water Treatment Guidelines shall be available for the inspectors review.

***For Inspection Call: ICCI 877/551-ICCI (4224)
Call 1 business day prior to inspection before 4 p.m.***