

IN-GROUND SWIMMING POOL SPA / HOT TUB REQUIREMENTS

Pools/ Spas/Hot tubs shall be constructed according to current Uniform Construction Code, International Code Council and the American National Standards Institute. Public pools (ANSI/NSPI-1, 2003); Public Spas ANSI/NSPI-2 1999; Residential Spas ANSI/NSPI-3 1999; Residential In-ground Pools (ANSI/NSPI-5, 1995) standards, Portable Spas (ANSI/NSPI-6, 1999) standards,.

GENERAL REQUIREMENTS

Building & zoning permits are required if swimming pool, spa, hot tub, etc. is capable of containing 24" or more of water. If less than 24" only a zoning permit is required.

One set of plans are required for plan review. A site plan is also required. Show dimensions of lot and all structures on the lot and distances to property lines.

An in-ground swimming pool, spa, hot tub, etc. that is capable of containing 24" or more of water, must be protected by,

1. A hard shell cover capable of holding 485 pounds for 8 foot and greater width/diameter or 275 pounds for less than 8 foot width/diameter

OR

2. A minimum four foot barrier, around all sides with self closing, self latching gate.

All barrier gates must swing out and be self closing /self latching and the latch a min. height of **54"** above ground. No spacing greater than 2" between ground and fence, 4" between vertical pickets. Please submit manufactures specification sheets on all products. **Please contact your Township Building Code Official for detailed requirements**

A cross section drawing of pool is required indicating side wall slope, floor slope, depths at all locations, slope from shallow end to deep end, diving board height and depth of water below end of diving board, method of vortex entrapment prevention.

A plan view drawing is required and should include stairway width-locations and handrail details; walking surface type of material-finished slope and surface treatment (anti skid) around pool; fence and gate locations, type of fence(material), height of fence, self closure method - type and location of latches; if the fourth barrier around the pool will be a wall of an structure, then **all passage openings** into the pool area shall be alarmed per specifications, diving board height and depth of water below edge of diving board. **Please contact your Building Code Official for further details.**

Requirements for a concrete in-ground pool must include the above plus; re-bar size and placement spacing, concrete compression strength and thickness.

If pool is to be steel/ poly framing, require the above plus construction details including bracing locations, footing details, rebar size/quantity for walkway,

******* 48 hours notice is required to schedule inspections. *******

******* NO USE UNTIL USE/OCCUPANCY PERMIT IS ISSUED *******

Required inspections include:

1. Site stake out
2. Footing/framing/electrical bonding.
 - a. Rebar prior to pour (if required)
3. Final for use/occupancy permit (for pool and barrier)

Attached are the IRC Appendix G Code Standards and examples of drawing details