

All swimming pools, hot tubs and spas require a building permit from Wake County Inspections/Development Plans/Permits before installation. A completed application for a residential permit and a site plan showing the pool and its surrounding decking is required. The site plan shall include all of the information listed in Site Plan Requirements. Permits are started and site plans reviewed during your first visit. If a site visit for wastewater system location is not required, a permit may be issued while you wait. Homes served by on-site wastewater systems (septic) require that the location of the Pool does not impact the current wastewater system or its repair area, and maintains the required setbacks. A field consultation fee may be required for this service. The process will begin along with the application for the building permit. A permit will be issued if the pool location meets zoning setbacks and is in compliance with the setbacks from onsite wastewater systems (septic).

A licensed pool contractor is required when the value is over \$30,000. A licensed electrical contractor is required for all bonding and wiring.

Required Inspections: Residential pools require electrical inspections and building inspections. If a pool heater is installed a mechanical inspection will also be required and if a connection is made to

potable water a plumbing inspection will also be required. These inspections involve the bonding of all pool metals, accessories and the rebar in any



surrounding concrete pool decking; all connections to lights, pumps and controls; suction entrapment protection and fences/barriers. An electrical groundwork inspection is scheduled for bonding and wiring to fixtures and pumps. An electrical final and building final are scheduled for the final hookup of all fixtures, pumps and controls, suction entrapment protection and fence/barrier requirements. All work is to be in accordance with the current **North Carolina edition of the National Electrical Code and the North Carolina Residential Code.**

State and county regulations require that all pools must be enclosed by a four-foot high fence with openings no wider than four inches, and self-closing self-latching gates. For further specifications of the fence requirements for pools see Appendix G of the North Carolina Residential Code.

Site Plan Requirements

A preliminary site plan is required prior to permits being issued. A final (as-built) site plan may be required prior to the issuance of a Certificate of Occupancy. A good resource for a site plan is a survey issued for a recent mortgage or refinance closing.

A site plan includes the entire lot, drawn to scale, showing the following items.

- ❑ Lot lines with dimensions and road frontage delineated; existing or proposed driveways, parking spaces and walkways with width and surface-material described.
- ❑ All existing and proposed buildings or other structures with overall dimensions given and their setback(s) from nearest property lines clearly delineated.

requirements continued

- ❑ All surface waters; FEMA 100-year flood fringe and floodway lines (or approximate 100-year flood line in unnumbered A Zones); flood hazard soils areas (adjust flood hazard soils to Wake County topography or field surveyed low points as appropriate); wetlands; reserved open spaces; the location, dimensions and arrangements of all drainageway, watershed, riparian, and other buffers and their associated required setbacks; the location of any existing or proposed easements (widths listed).
- ❑ Existing or proposed well, septic tank and drain field location(s) **or** sewer and water easements and proposed connection location(s).
- ❑ A title block indicating parcel identification number (PIN), north arrow and scale of the site plan, bar scale (for preliminary plans, indicate that it is a preliminary plan), name of the Professional Land Surveyor, Landscape Architect, Professional Engineer, the landowner or his authorized agent's signature, and for licensed professionals, seal of the person who prepared the plan, date map prepared (and any revision dates).
- ❑ For as-built final plans, indicate that it is an as-built plan, provide name of the Professional Land Surveyor who prepared the plan, his signature and seal and the date the map was prepared (and any revision dates).
- ❑ If parcel is less than 5 acres, scales of 1" = 30', 40', 50', 60' or 100' are acceptable.
- ❑ All existing and proposed impervious surfaces shall be clearly delineated and listed in sq. ft. and as a percentage of the total net lot size listed.
- ❑ Location, type and relevant dimensions and capacities of stormwater management structures and other devices (if stormwater management is required), plus associated easements (show dimensions).

Further information regarding requirements of the Stormwater Programs may be obtained from Wake County Environmental Services (919) 856-7400.

Scheduling and Access to Inspection Records

Permit information and inspections results may be viewed under **Online Inspection Services** at www.wakegov.com/inspect. Pass/fail information for inspections is available on the **Interactive Voice Response System (IVR)** at (919) 856-6060.

Scheduling and cancellation of inspections is available through the **IVR** at (919) 856-6060 or the **Online Inspections Services** at www.wakegov.com/inspect.

Re-inspection fees must be paid either before or by the time of re-inspection. Fees may be paid when the inspection is scheduled using the IVR or by check or

money order made payable to Wake County with the permit number listed in the check's memo section.

Both services are available 24 hours a day, seven days a week. All inspections scheduled prior to 6 a.m. through the **IVR**, or the **Online Inspections Services** are scheduled for same day service. Requests for inspections received after 6 a.m. will be performed the next day. A login name and password is required to schedule or cancel using the Online Inspections Service. You may set this up with the Permit Staff when the permit is picked up. Special inspections or cancellations may be requested through the Permit Staff at (919) 856-6222.