

Town of Smithfield – Building & Zoning Department

Current Code 2021 - State Amended 2018 I-Codes

INSPECTION STEPS

ALL BUILDING PLANS AND SPEC SHEETS ARE REQUIRED TO BE ON JOB SITE OR UPLOADED TO THE PERMITS ONLINE PORTAL PRIOR TO INSPECTION

Requesting Inspections, §23-27.3-111.2 of the State Building Code requires the contractor or builder to give the building official twenty-four (24) hours' notice prior to the requested inspection date. Inspection requests must be made through the online permit portal or by calling the office directly. Inspections should not be made directly with the Inspector. The building official will confirm a date and estimated time of inspection within forty-eight (48) hours after the notification; holidays and State or Federal health restrictions notwithstanding.

The following is the typical order in which inspections are to be completed. **A completed inspection does not automatically mean it is Approved.** Approvals are documented in the online permit portal or a paper inspection results card posted on worksite. Not all inspections will apply to all projects. Assume all is applicable to both residential and commercial steps unless noted otherwise. Please communicate with your assigned inspector with questions.

Swimming Pools & Spas:

LAND SURVEY: Staked street front corners of the property (not offsets) and flag sidelines (Class 1, 2, or 3 Construction Survey, Limited Content Survey, or Data Accumulation Survey). Class 4 survey is permitted **ONLY** for impermanent structures such as above ground pools and tied down sheds.

1) FLOOD HAZARD AREAS: Applies only in flood hazard areas. Verify that all installations including equipment, heating, and electric installations are protected against flood hazards.

2) HOLE / EXCAVATION INSPECTION: Site-level verification with no forms set and no stone in the hole or cleared land. If engineered, site prep prior to adding water (above ground) and prior to reinforcement embedment in gravel or sand base (in-ground).

3) UNDERGROUND INSPECTION: Underground electric conduit, bedded and prior to backfill if applicable. Warning strip shall be installed on site for Inspector Approval.

4) GROUNDING/BONDING: Inspection of grounding and bonding of required elements including but not necessarily limited to metal gas pipe, concrete slab reinforcement, wet niche fixtures, and water supply.

5) CONCRETE FORM INSPECTION: After forms set, reinforcement steel on supports, and prior to pouring concrete (if rebar utilized as part of grounding or bonding system, it must also be approved by Town Inspector of Wires prior to pour).

6) UNDERGROUND/CONCEALED PIPING INSPECTION: Prior to concrete pour or backfill of underground piping. Visual observation of all parts of piping that will eventually be concealed. Checking for pressure rating and labeling of piping and fittings.

7) EQUIPMENT INSPECTION: Verify all equipment complies with Code including suction entrapment protections, circulation systems, filters, pumps and motors, return and suction fittings, skimmers, heaters,

air blower and air induction systems, water supply (typically potable and makeup water), sanitizing equipment, wastewater disposal (Town Engineering typ.) lighting, diving elements, and ladders. General safety installations such as glazing, specialty features such as slides, pools greater than 30 feet wide, unique designs, and handholds.

9) ENERGY CONSUMPTION: Installations that utilize energy including heaters, time switches, powered covers and other electrically powered systems and equipment.

10) BARRIER INSPECTION: Inspection of required barriers. Barriers may be but are not limited to natural landscape topography including natural water bodies and rock formations, the pool itself (above ground only) horizontal powered safety covers (public pools), solid or partially solid barriers such as chain link, mesh, or wood fences, and lockable gates. Also if home or structure serves as part of the barrier, verify that openings are alarmed, lockable, and/or sealed. **Letter of Completion requires this be Approved.**

11) FINAL INSPECTION: All separately permitted and pool subordinate buildings such as cabanas and pool houses, as well as pool associated electrical, plumbing, and mechanical must be Approved before the final pool inspection is made. Note that plumbing and mechanical inspections must be dispatched at the same time. Any glazing that may be in Hazardous Locations (Def.).

Residential: Above ground decks including trip hazards, slippery surfaces, and stair, ladder, or building openings that directly access them.

Public: All 128 Construction Affidavit Forms if any, are due including in-process and final affidavits. Verify all required sign postings and occupancy loads (Public), pool depth markings, Accessible (handicap) features, toilet room locations (Public), floatation devices (recreation and life safety)

A Letter of Completion is issued after all final inspections are Approved by the Building Department, the Fire Prevention Office, energy efficiency documents/certificates received if required or posted as may be applicable, and you have received Engineering Department Soil and Erosion Approvals. **A Letter of Completion will not be issued unless the required barriers are installed and Approved.**

Contractors or other persons must be on site for all inspections as requested by the assigned inspector.