



**City of Madison
Building Department
100 Hughes Road
Madison, Alabama 35758
(256) 772-5644**

**REQUIRED
RESIDENTIAL INSPECTION CHECKLIST**

- Footing:** Inspection is made prior to pouring concrete and after excavation or trenches for the footings are dug and reinforcement (if required) is in place. Property corners are to be marked and strings pulled to each. Footing inspection will include trenches for perimeter foundation walls and interior pier footings.
- Plumbing (under slab):** All supply lines and building drains that are to be laid under the slab must be in place and a 10 foot head of water pressure placed on vents and drain lines. Water distribution piping must be sleeved and protected from damage.
- Slab Inspection:** Prior to pouring concrete, termite treatment is applied, vapor barriers laid and reinforcement installed.
- Foundation Anchors & Floor System:** Floor joists, bands and beams or girders are fastened in place and approved foundation anchors installed.
- Exterior Sheathing & Brick Tie:** Exterior sheathing has been applied with approved fasteners and nailing patterns as required by the International Residential Code or sheathing manufacturer's recommendation, whichever is stricter. Exterior brick siding is being applied and brick ties are visible.
- Framing (all rough):** An "all rough" inspection refers to inspection of the various trades in the roughed-in stage of construction. The framing inspection is made after the roof, walls, floor(s), ceiling(s) are framed with draftstopping or fireblocking installed and fireplaces, flues, windows and doors are in installed but before insulation and sheetrock is applied. A rough-in plumbing inspection includes sanitary drain pipes which are capped with all vents installed and the system filled with water to the highest point (roof on a one story and second floor on a two story) and water distribution piping charged with water at a pressure maintained as required by the Plumbing Code or pipe manufacturer's recommended test pressure, whichever is greater. Mechanical inspection includes checking that the HVAC unit is in place and all air distribution and exhaust ducts are installed. An electrical rough inspection includes checking to ensure all branch circuit conductors are run, outlet and lighting boxes are installed, and feeder panels are installed and properly wired.
- Water/Sewer Line:** The water/sewer line from the structure to the water/sewer tap is checked to ensure the pipe has been laid with code required slope or fall and cleanouts installed. The sewer piping must be capped and filled with water to check for leak test and inspection.
- Insulation:** Prior to sheetrock or interior wall or ceiling covering being installed and after an approved framing inspection has been obtained, insulation is checked to ensure that the required type (R-value) of insulation as required by code is installed and secured.
- Gas Piping:** All gas piping must be run, secured and protected and a 10 PSI test pressure maintained on the system (pressure gauge must be in place at time of inspection).
- Temporary Power:** Inspection is performed after all electrical work is completed, service panel and circuit breakers are installed and wired and service panel is otherwise ready for service hook-up and meter installation.
- Eng Final and Final:** *Engineer Final:* Landscaping and drainage swales complete to include sod or seeding of yard.

Final: Structure must be ready for occupancy. All utility services to the house must be installed and functional. All plumbing fixtures, electrical outlets, lights and appliances must be fully operational. The house address must be posted so that it can be read from the street with lettering in size and height as required by local ordinance.

Please call (256) 772-5644 to schedule an inspection. The building Permit Card, site plan and all construction drawings must be on site at the time of inspection. Failure to do so will result in the inspection being rejected or cancelled and a re-inspection fee levied.