**Logo, company name

Description automatically generated**

**City of Bastrop Inspection Requirements**



**International Residential Code (IRC)**

Graphical user interface, website

Description automatically generated

**NOTE: The residential (R) energy code inspections as required by the International Energy Conservation Code (IECC) are incorporated in the IRC inspections listed and are preceded by the letters IECC**

R109.1.1 Foundation

After poles or piers are set or trenches or basement areas are excavated and any required forms erected and any required reinforcing steel is in place and supported prior to the placing of concrete

IECC R105.2.1

Footing and foundation insulation *R*-value, location, thickness, depth, burial and protection of insulation (when insulation is required by construction documents)

The foundation inspection shall include excavations for thickened slabs intended for the support of bearing walls, partitions, structural supports, or equipment and special requirements for wood foundations

R109.1.2 Plumbing, mechanical, gas, and electrical systems

Rough inspection of plumbing, mechanical, gas, and electrical systems shall be made prior to covering or concealment, before fixtures or appliances are set or installed

R109.1.3 Floodplain

Construction in flood hazard areas, upon placement of the lowest floor, including basement, and prior to further construction, documentation prepared and sealed by a registered design professional, of the elevation of the lowest floor shall be submitted to the building official

R109.1.4 Frame and masonry

Framing and masonry construction shall be made after the roof, masonry, framing, firestopping, draftstopping, and bracing are in place and after the plumbing, mechanical and electrical rough are complete

IECC R105.2.2

Before the application of interior finish, verify the type of insulation and corresponding R-values and correct location and proper installation; fenestration properties, such as *U*-factor, and SHGC, and proper installation and air leakage controls as required

R109.1.5 Other inspections

The building official shall have the authority to make or require any other inspections to ascertain compliance

R109.1.5.1 Fire-resistance-rated construction

Where fire-resistance-rated construction is required between dwelling units or due to location on property, an inspection of such construction after lathing or gypsum products are in place, but before any plaster is applied, or before joins and fasteners are taped and finished

R109.1.6 Final

Final inspection shall be made after the permitted work is complete, all documentation has been provided and prior to occupancy

IECC R105.2.5 include verification of the installation of all required building systems, equipment and controls and their proper operation and the required number of high-efficacy lamps and fixtures

City of Bastrop Inspections

* + Building Layout
  + Electrical Temporary Pole
  + Plumbing Rough
  + Underground Sewer
  + Underground Water
  + Building Foundation/UFER
  + Plumbing Copper/PEX
  + Underground Electrical
  + Exterior Wind Brace & Sheathing
  + Mechanical Rough
  + Electrical Rough
  + Plumbing Top Out
  + Building Framing
  + Building Insulation
  + Building Wallboard
  + Plumbing Gas Meter Release
  + Electrical Meter Release
  + Flatwork Pre-Pour
  + Subterranean Treatment Letter
  + Engineer Concurrence Letter for Final Foundation
  + HVAC Test Report
  + CSI Inspection
  + Plumbing Final
  + Electrical Final
  + Mechanical Final
  + Building Final