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**City of Bastrop Inspection Requirements**



**International Building Code (IBC)**



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

110.2 Preliminary inspection

Before permit issuance, the building official is authorized to examine buildings, structures, and sites for which an application has been filed.

110.3 Required inspections

110.3.1 through 110.3.11.

110.3.1 Footing and foundation inspection

 After excavations for footing are complete and any reinforcing steel is in place.

 Concrete foundations and required forms are in place.

IECC C105.2.1

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

110.3.2 Concrete slab and under-floor inspection

After in-slab and under-floor reinforcing steel and building service equipment, conduit, piping accessories and other ancillary equipment items are in place, but before any concrete is placed or floor sheathing installed, including subfloor.

110.3.3 Lowest floor elevation (flood-hazard areas)

After placement of the lowest floor, including basements, and prior to vertical construction the elevation certification shall be submitted to the building official.

110.3.4 Frame inspection

After the roof deck or sheathing, all framing, fire-blocking, and bracing are in place and pipes, chimneys, and vents to be concealed are complete and the installation of the rough electrical, plumbing, heating wires, pipes and ducts are complete.

IECC C105.2.2 Thermal envelope

Verify the correct type of insulation, R-values, location of insulation, fenestration, U-factor, SHGC, and VT, and that air leakage controls are properly installed.

110.3.5 Lath, gypsum board and gypsum panel product inspection

After lathing, gypsum board and gypsum panel products, interior and exterior are in place but before any plastering is applier or gypsum product joints and fasteners are taped and finished.

110.3.6 Weather-exposed balcony and walking surface waterproofing

Balcony and walking surfaces exposed to water from direct or blowing rain, snow or irrigation and the structural framing is protected by an impervious moisture barrier, all elements of the moisture barriers system shall not be concealed until inspected and approved.

110.3.7 Fire- and smoke-resistant penetrations

Protection of joints and penetrations in fire-resistance-rated assemblies, smoke barriers, and smoke partitions shall not be concealed until inspected and approved.

110.3.8 Energy efficiency inspections

Inspections shall be made to determine compliance with the International Energy Conservation Code (IECC) and shall include, but not be limited to inspections for: envelope insulation *R*- and *U*-values, fenestration *U*-value and SHGC, duct system *R*-value, and HVAC and water-heating equipment efficiency.

110.3.9 Other inspections

Other inspections of any construction work as required by the building official to ascertain compliance with the provisions of this code and other laws that are enforced by the City.

110.3.10 Special inspections

 As required by IBC Chapter 17.

110.3.11 Final inspection

After all work required by the building permit is completed and required documentation has been submitted to the building official.

**City of Bastrop Inspections**

* Building Layout
* Electrical Temporary Pole
* Plumbing Water Yard Line
* Plumbing Sewer Yard Line
* Electrical Pre-Pour Bonding
* Underground Fie Main Hydro/Visual
* Plumbing Pre-Pour
* Building Pre-Pour
* Mechanical Smoke/Fire Dampers
* Building Above Ceiling
* Electrical Above Ceiling
* Plumbing Above Ceiling
* Mechanical Rough
* Electrical Rough
* Plumbing Top-Out
* Building Framing
* Kitchen Hood System Fire Review
* Fire Alarm System Review
* Fire Sprinkler System Review
* Fire Alarm Rough-In
* Fire Sprinkler Hydro/Visual Inspection
* Building Insulation
* Building Wallboard
* Review CSI Form
* Kitchen Hood Acceptance Test
* Fire Alarm Acceptance Test
* Fire Sprinkler Acceptance Test
* Plumbing Gas Test
* Plumbing Gas Meter Release
* Electrical Meter Release
* Engineering Final
* Mechanical Final
* Plumbing Final
* Energy Final
* Electrical Final
* Public Works Final
* Planning Department Final
* Fire Final
* Building Final