

Inspections Performed and Highlights of Inspections

**** Not to be considered an all-inclusive List****

FOOTING

Location (set backs)
Excavation (clear of debris)
Slope (before requiring step-downs)
Depth & Width
Pier pads
Solid Soil Compaction
Any Excessive Water
Steel Reinforcement Placement

FOUNDATION

Materials
Anchor Bolt Placement
Extension above Grade
Foundation Walls
Piers
Bonding Hardware (piers to curtain wall)
Crawl Space Access
Crawl Space Ventilation
More than 4 Blocks High must be Solid

SLAB INSPECTION

Termite Treatment
Insulation around Perimeter
Fill Properly Graded and Compacted
Block Cavities Clean of Debris
Vapor Barrier Properly Installed
Sleeve for Plumbing at Foundation Wall

NAILING INSPECTION

Proper Size & Shape of Sheathing
Proper Fasteners
Spacing Pattern: 3" Horizontal
6" Vertical
12" in Field

FIRST FLOOR FRAMING

Proper Joist Size & Length
Spacing of Joist & Girders
Supports
Proper Size Girders
Drilling and Notching
Pier and Curtain Wall Bonding (if applicable)

INSULATION

R- Values Walls = R-13
 Floors = R-19
 Ceiling = R-30
Vapor Barrier on Exterior Walls
 (If unfaced insulation is used)
Sealant Around Perimeter (for slab on grade)
Fire and Draft Stopping

FRAMING

Stud Spacing (up to 3 story)
Stud Sizing
Anchor Bolt Connections
Stud to Plate Connections
Double Top Plate on Exterior and load bearing walls
Bearing Locations
Interior Load Bearing Partitions
Drilling and Notching (studs, top plates, joist, & rafters)
Headers
Header Connections
Firestopping
Wall bracing
Blocking
Columns
Load Distribution (floor to floor)
Ceiling Joist and Rafter Sizes
Rafters Full Bearing on Ridgeboard
Hips and Supports
Lateral Bracing
Laddered or Outlooker System
Rafter ties
Treated Wood in Contact With Masonry
Lintels and Weep Holes (if applicable)
Flashing

DP Ratings on Windows & Doors

GAS LINE ROUGH-IN

Piping Material

Supports

Pressure Test

Marking and Labeling

Size Piping (if applicable at this point)

Protection as Needed (sleeves, nail guards, below 3' above grade exterior)

GAS LINE FINAL INSPECTION

Piping Material

Supports

Marking and Labeling

Size Piping for BTU Demand Load

Protection as Needed (sleeves, nail guards, below 3' above grade exterior)

Paint Exterior Steel Piping

Sediment Traps

Shut-off Valves

Caps at ends not in service

MECHANICAL ROUGH-IN INSPECTION

Return Assembly Installation and Sealed Properly

Boot Assembly Properly Located

Any Ductwork to be concealed

- Seal properly

- Proper materials (dryer vent must be rigid non-combustible)

Proper Clearances (if fireplace is installed)

Chimney Vent and Connectors

- Materials

- Clearance of vent pipes

MECHANICAL FINAL INSPECTION

Labeling of Equipment

Clearances

Access to Appliances or units

Working Space

Exterior Units 3" above Grade

Exhaust Systems

- Clothes dryers

 - Non-combustible materials

 - Length limits

 - Backdraft damper

 - Terminate 12" above grade

- Range hoods

Duct Systems

- Materials

- Insulation value

- Joints & seams sealed properly

- Size of return & supply per size of unit

- Boots insulated

PLUMBING ROUGH-IN INSPECTION

Proper Test on System

Materials

Protection of Pipes Trough Walls

Direction of Flow on Drain and Vent Pipes

Cutting, Notching, & boring of Joist and Studs

Traps

Cleanouts and their clearances

Hangers and supports (Vertical & Horizontal)

Water Supply and Distribution at All Locations

Grade of Drain Lines

Size of Building Drain

2" Min. Diameter under ground

Sleeves at Proper locations

Nail Guards as Needed

PLUMBING UNDER SLAB

Proper Test on System

Proper Materials

Proper Grade on Drain Lines (up to 3", 1/4" fall; 4" & Larger 1/8" fall)

Bedded in Trench

Sleeves Through Foundation Walls and Footings

Proper Direction of Flow on DWV Systems

PLUMBING FINAL INSPECTION

Rodent Proofing

Trap Cleanouts

Trap Seals (2-4")

All Fixtures Trapped

Distance of Trap to Vent

Distance of Fixture Outlet to Trap

Vent Terminals

Min. Number of Fixtures

Dish Washing Machine Req.

Water Closets

Main Water Cut-Off

Hot Water Heater

- Accessible

- Cut-off valve

- Relief valves & correct piping

- Safety pan

- Gas piping size (if applicable)

- Sediment drain

- Combustion air

- Antisiphon device (if needed)

Min. Clearances

- 15" From center line of water closet to edge of objects

- 21" in front of water closet to a tub or other object

Req. if Handicapped Facility (see diagram)

SEWER LINE INSPECTION

4" Min. Dia. On Piping
Proper material
Minimum of 1/8" Grade on Sewer Line
Properly Bedded
Cleanouts Properly Located
(Refer to Diagram from GUC)

WATER LINE SERVICE INSPECTION

Proper Size Piping
Proper Material
Depth of Piping

BUILDING FINAL INSPECTION

INTERIOR

Light & Ventilation of Habitable Rooms
Required Glazed Openings
Egress Requirements (Windows and Doors)
Hazardous Areas for Glazing
Required Heating
Min. Ceiling Height
Min. Sanitary Facilities
Protection under Stairs
Stairway Illumination
Stairway Width
Stairway Headroom
Treads and Risers
Handrails
Guardrails
Hall Width
Smoke Detectors
Fire Separation of Garage

20 Minute Rated Door at Garage
Penetrations sealed (required areas)
Smoke Detectors
Attic Access
Attic insulation
Attic Ventilation

Exterior

Positive Drainage Around House
Ramps (if applicable.)
Stair Landings
Treads & Risers
Handrails
Guardrails
Protection against Decay
Crawl Space Ventilation
Crawl Space Access Door
Crawl Space Clear of Debris
Floor Insulation Req.
Pier and Curtain Wall Bonding
Exterior Wall Covering
Roof Covering
Penetrations Sealed
Lintels Painted
Weep Holes
DP Rating on Garage Door
Numbers on House