



Required Inspections for Single Family Homes

Town Of Carbondale Inspections: (970) 510-1210
State Electrical Inspections: (970) 947-8902
Efficient Build Code will be inspected
during the Building Inspection Process

Utility Inspection - Water and Sewer connection, Please have the Utility Inspector sign the Building Card This inspection is to be performed by Water/Wastewater Utilities Department, 963-3140

Work in the Public Way

Road cut permit for the driveway is required and any landscaping near a sidewalk could be an issue. Contact Public Works at 963-1307 for inspections or information

Footing Inspection

Prior to placement of concrete, rebar and forms are to be inspected. Deep foundations require special inspections.

Damp-proofing/foundation drain Inspection

Prior to backfill or covering the foundation drain.

Foundation Inspection

Prior to placement of concrete, rebar and forms are to be inspected.

Radon Inspection

Prior to placement of backfill; damp proofing, drainage material, gravel, filter fabric, drainage pipe, and termination location to be in place.

1Underground Plumbing Inspection

While plumbing is exposed, prior to placement of concrete or fill. Pressure test waste to 5 psi. Pressure test water to 60 psi.

In-floor Heat/Snow Melt Inspection

Prior to placement of concrete, underground piping to be pressure tested to 100 psi or mfg. recommendation.

Radon Inspection

Prior to placement of concrete, 6 mil visqueen over 4" of aggregate with a 3" pipe and "T" in the aggregate to be in place. Radon mitigation required for slabs on grade, crawlspaces and garage slabs if there is living space above the garage. Please reference IRC Appendix F for specifics. The pipe is to be routed through the roof during the rough-in inspections.

Electrical Rough Inspection

When the electrical wiring and boxes are in place, prior to the installation of insulation and drywall, this inspection is performed by the state electrical inspector. Rough in for future solar is required. Please have the electrical inspector sign the building card.

Plumbing Rough Inspection

Pressure test DWV to 5psi or a 10' head of water
Pressure test water pipe to 50psi or working water pressure of the system
Pressure test gas to 10 psi, soap test permissible for minor additions
Rough in for future thermal solar required, 2 - 3/4" copper pipes with a control wire

(OVER)

Mechanical Rough Inspection

Ducting of bath fans, flue pipes, combustion air, supply ducting, return ducting to be complete. A neutralizer is required on flue condensates.

Framing Inspection/Shear Wall

When all wood is in place, the plumbing and mechanical roughs can be done with the framing. Call for shear walls prior to covering. Suggest that the BPI Analyst view construction prior to placement of insulation to provide input for the blower door test.

Insulation Inspection

Insulation and Vapor barrier to be in place for this inspection

Drywall Inspection

Joints to be staggered, screws to be 12" oc and do not break the paper!

Shower Pan Inspection

Pre-slope to be installed, liner in place, test ball in the waste line and fill the liner with water. The test is for 15 minutes and No visible leaks

Gas Tag Inspection

All pertinent gas piping to be in place, all the wall finishes are in place, the gas line is to be put under test pressure. The heating equipment is ready to fire; flue, combustion air, electrical disconnect in place.

If a gas tag is needed for temporary heat: The heating equipment and listed hoses to be on site for the inspection. If using the permanent piping to feed temporary equipment then a pressure test is required on the permanent gas piping.

Final Electrical Inspection

When all boxes and lighting fixtures are complete, covers in place, this inspection is performed by the state electrical inspector. Please have the electrical inpector sign the building card.

Plumbing/Mechanical/Building Final

After final electrical has been approved the final inspections can be performed. Exterior lighting will be inspected at this time. When this inspection is approved, please come to Town Hall with the ILC (survey), list of contractors, documentation from the BPI Analyst that the blower door test is approved, and pay any outstanding fees to obtain the Certificate of Occupancy. A backflow preventer is required on the water main.