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Fayette County, Georgia
Permits & Inspections Department
Residential Single Family Dwelling

"Combination Plumbing"
"The Most Common Code Violations"

Slab Plumbing

- Drain test must be a 10' stack of water or 5 psi air test. The stack must be filled with water. Stack will be shaken to cause water to spill out or a visual inspection may be performed to view the water level. Do not secure standpipe to the wall unless access is provided to look into pipe.
- Ensure proper slope on drain lines.
- Remove rocks and debris from trench.
- Ensure drain lines are installed per code to protect waterlines from contamination.
- Sleeve pipes in footings or install a relieving arch to prevent damage from settling.
- Waterlines in slab must be tested at 50 psi minimum. All concealed joints must be tested for the slab inspection.
- Look for wet areas on the ground that might indicate a leak.

Rough Plumbing

- Pressure test (50 psi minimum, 40 psi if house is attached to well or street supply with valve open).
- Open all valves to test all joints that will be hidden in the walls. Hose bibb lines and service lines must be tested if they will be hidden from view.
- Drain test: Water in highest tub with tub drains open, highest toilet open if no tub in highest area; ensure all sections are tested.
- Support pipes per code horizontally and vertically.
- Protect pipes at top plates, bottom plates, studs, furred areas, stairs, and other places where nails could pierce pipes.
- Protect pipes 2" above and below plates, including elbows or piping within 1&1/2" of the edge of stud or plate.
- Ensure proper slope on drains and vents.
- Ensure proper traps on drains, no s-traps or other illegal traps.
- Repair damaged tubs / improper connection to drain.
- Cleanouts must be accessible.

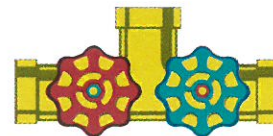
Fayette County, Georgia
"Where Quality is a Lifestyle"...



This is a non conclusive list of common code violations. The list is offered as a service only and please be aware that other code violations may exist!



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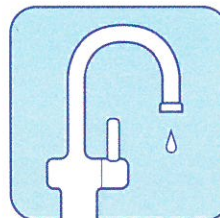


Rough Plumbing Cont.

- Install boots on roof vents. Roof vents must be 3' above or 10' horizontal from opening into house. At least 1 vent must extend through the roof - outside the house.
- Insulate pipes in garage / crawlspace / attic / exterior walls or other areas prone to freezing.
- Install drain pans under water heaters and washing machines on floors above ground floor.
- If the farthest hot water fixture is more than 50 ft. from the water heater, an insulated water recirculation line and pump are required or an additional water heater at a point to keep the developed length of hot water line below the 50 ft. limit.

Final Plumbing

- Hose bibbs must be secured and sealed at house, with backflow preventer, either integral or installed.
 - Seal all penetrations in walls, floors, cabinets, etc.
 - Ensure proper venting, install air admittance valves as necessary where allowed.
 - Seal all toilets at floor.
 - Seal tubs at wall / tile / floor.
 - Shower glass and glass above tubs or within 5 ft. horizontally to tub or shower waterline must be tempered.
 - Grout all tile on floor, shower in bathrooms, kitchens, etc.
 - Ensure water heater is properly installed and functional.
 - Water heaters in garages must be elevated 18" above the garage floor or be FVIR water heaters. Provide documentation for verification.
 - Ensure proper installation of water heater temperature & pressure relief drain line, including a method to drain the lowest part of the line.
 - Install expansion tank on water heater unless the well bladder tank is inside the house perimeter or hammer arresters installed on all quick closing fixtures.
 - Ensure drain and supply lines do not leak.
 - Ensure all sinks, etc have consistent water pressure.
- CHECK ALL ITEMS LISTED ABOVE BEFORE CALLING FOR AN INSPECTION.**



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