

**PARISH OF ASCENSION**  
**OFFICE OF PLANNING AND DEVELOPMENT**  
**BUILDING DEPARTMENT**



**PLUMBING ROUGH-IN'S CHECK LIST**

- 1) Materials used: PVC sch 40; ABS sch 40; cast-iron.
- 2) Cleanouts shall be in direction of flow.
- 3) Height of high end of sewer line relative to depth of low end (outlet end) of sewer line.
- 4) There shall be a 3" clean out upstream of each water closet (toilet); unless the toilet is within 36" of the main sewer line.
- 5) A vent fitting shall leave the main sewer line either straight-up (90 degrees to the center line) or not more than being rolled over to 45 degrees from the center line.
- 6) All floor drains shall be trapped.
- 7) Any sewer line draining 3 (three) fixtures or more shall be 3" in diameter.
- 8) Check to see if there are no low spots (dips or sway backing of pipe in the horizontal run).
- 9) Leak testing: either a 10ft. column filled with water & holding; or air pressure 5 PSIG.
- 10) Sewer lines shall be entrenched and supported by continuous compacted soil: No elevated piping with X bracing every 5ft.
- 11) No sewer lines running in footings, or elevated above footings.
- 12) Sewer lines crossing footings shall be sleeved by pipe two sizes larger than the actual drain line itself.
- 13) The fall shall be between  $\frac{1}{8}$ " to  $\frac{1}{4}$ " per running foot.
- 14) Clean-outs shall be installed in the direction of flow.
- 15) It is the plumbers' responsibility to drain the sanitary sewer from within the building to the outside of the building line with as few changes in direction as possible.
- 16) Visualize running a sewer cable through the system every change in direction gives resistance to the cable; be aware of impractical situation.
- 17) Any sewer line 4" in diameter shall have a clean out every 75 feet. A sewer line 3" in diameter shall have a clean out every 50 feet.
- 18) Any sewer line that changes direction in excess of 45 degrees by use of one fitting shall require a clean out at that point of the line.

**POTABLE WATER SYSTEM**

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- 1) Unless specified by an engineer: The main feed line shall be  $\frac{3}{4}$ " I.D. diameter.
- 2) The material acceptable under slabs: Type "L" and Type "K" seamless copper tubing only.
- 3) Joints soldered with lead free tin allow solder.
- 4) Plumbers must use the loop-system: Wall-to-wall manifolds: No joints allowed beneath the concrete slab.
- 5) The plumber shall maintain  $\frac{3}{4}$ " manifolds with only the last two supply outlets reducing to  $\frac{1}{2}$ ".
- 6) Bath tubs and showers side-by-side or any tub, tub or shower, shower arrangement is considered a high-volume situation and each shall be supplied with a  $\frac{1}{2}$ " cold and  $\frac{1}{2}$ " hot supply from a  $\frac{3}{4}$ " manifold.
- 7) Other fixtures, toilet, lavatory, sink, dishwasher, two lavatories, etc.; two fixtures may be supplied from a  $\frac{1}{2}$ " water supply.
- 8) Check copper lines for dents caused by shovel work. If a dent is severe enough the line must be replaced.  
Note: In a severe emergency situation a line may be brazed to make a repair.
- 9) The plumber shall rough-in hose bibs at locations where a 50 feet garden hose can overlap zones. Hose bibs shall have anti-siphon devices on faucets.
- 10) Bleed line from pop-off valve shall be of  $\frac{3}{4}$ " type "L" or "K" copper.  
**CPVC IS NOT ACCEPTABLE.**