Town of Grimsby
160 Livingston Avenue
Grimsby ON, L3M 0J5
Phone: 905-945-9634

Rough-In Plumbing Inspection Checklist

This list is intended to offer a general overview of the types of elements our inspectors may focus on during an inspection. It should be noted that this list is not exhaustive and should not be considered a definitive guide. Each inspection is unique, and the specific circumstances of each case may result in variations regarding what is inspected or prioritized. Always consult with your assigned inspector for any questions that may arise from your project.

Materials & Equipment

- ☐ Improper pipe fittings in a drainage or venting system are not being used.
- ☐ One-quarter bends with 4-inch size or less drainage piping is not installed on building drains.
- ☐ A double Y, double TY, double T or double waste fitting is not installed in a nominally horizontal soil or waste pipe.
- ☐ Plastic pipe conforms to B181.1, B181.2, B182.1 or B182.2 when used underground outside a building, under a building for a drainage system, or inside a building for a storm drainage system.
- ☐ Plastic pipe conforms to B181.1 or B181.2 when used under a building or inside a building for a venting system.
- ☐ PE/AL/PE pipe and fittings have not been used in a hot water potable water system.
- ☐ PEX/AL/PEX pipe and fittings for use with potable water systems comply with B137.10.
- ☐ Galvanized pipe has not been used in a water distribution system, except for repairs.
- ☐ Solder joint fittings for drainage systems, lead waste pipe, and aluminum DWV pipe have not been used in a water system. Lead-free solder is being used.

Piping

- ☐ Cast iron, galvanized steel pipe and aluminum DWV pipe are not welded.
- ☐ Slip joints have not been used in the venting or drainage system.
- ☐ Connection of pipes with an increaser or reducer will permit drainage of the system.
- ☐ Allowance made for expansion of piping.
- ☐ Provision made to eliminate water hammer.
- ☐ Suitable air brake indirect connections.

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- ☐ Vent pipe supported at roof termination.
- ☐ Piping protected against freezing temperatures.
- ☐ Support of ABS piping every 4 feet.

Testing of Drainage, Venting & Potable Water

- ☐ Systems are ready for inspection prior to the inspector's arrival.
- ☐ No leaks in drainage, venting, or water distribution systems.

Traps

- ☐ Floor drains have trap seal primers.

Cleanouts

- ☐ Cleanout for the building drain is accessible.
- ☐ Cleanout installed on fixture drain on the kitchen sink or removable trap installed.
- ☐ Cleanout installed before the trap and after the trap serving an island sink and trap located on floor level below the floor of the sink location.
- ☐ Cleanout located at the base of stacks.

Slope & Length of Drainage Pipe

- ☐ Minimum slope of 1 in 50 for pipe 3 inches or less.
- ☐ Maximum developed length of fixture outlet pipe is 1200 mm.

Stack Vents

- ☐ Upper end of a soil or waste stack ends in a stack vent or vent stack that connects to a header and leads to open air.

Vent Pipes

- ☐ Vent pipe of at least 1 ½" on each storey.
- ☐ Sewage ejector is vented at the top.
- ☐ Vent pipe installed without sag and no open or unused ends.
- ☐ Except for a wet vent, a vent pipe is connected above the horizontal centre line of soil or waste pipe.
- ☐ Vent pipe installed above the flood level of the fixture it serves before connection to a vent pipe.
- ☐ Maximum length and minimum slope of the trap arm conform with Table 7.5.6.3.

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- □ Vent terminates 2’-11” above and 12’ from windows, etc.