

PLUMBING ROUGH-IN CHECKLIST

1. Permits and Plans

- Verify all necessary permits are obtained.
- Review plumbing plans and diagrams.

2. Underground Plumbing

- Install and inspect drain and water supply pipes.
- Verify the correct slope of drain pipes.
- Ensure pipes are protected against potential damage and freezing.

3. Sewage Ejectors

- Install sewage ejectors according to the plan.
- Test ejector pumps for proper operation.

4. Drains

- Install all drain lines.
- Check for proper installation of cleanouts at necessary intervals.

5. Traps

- Install traps (P-traps, S-traps) at all necessary fixtures.
- Verify each trap is protected by a vent.

6. Cleanouts

- Ensure cleanouts are installed at the end of horizontal runs and at changes in direction exceeding 135 degrees.
- Check accessibility of all cleanouts.

7. Vents

- Install vent pipes according to the plan.
- Ensure vents rise vertically 6 inches above the flood-level rim before turning horizontal.
- Check for proper installation of vent pipe fittings.

8. Water Service

- Install main water service line.
- Ensure a shut-off valve is installed near the entry point.

9. Water Lines

- Install hot and cold water lines.
- Verify proper support and spacing of pipes.
- Inspect for any potential leaks or damage.

10. Laundry

- Install connections for the washing machine.
- Ensure proper installation of a trap and vent for the washing machine drain.

11. Kitchen

- Install water supply lines for the sink, dishwasher, and refrigerator (if applicable).
- Ensure proper installation of drains and vents.

12. Bathroom

- Install rough-in for the toilet, sinks, and bathtub/shower.
- Verify the shower pan is correctly installed and water-tight.

13. Shower Subpans

- Install shower subpans and check for water-tightness.
- Ensure proper slope for drainage.

14. Exterior

- Install any exterior plumbing fixtures such as hose bibs.
- Ensure all exterior pipes are insulated and protected from freezing.

15. General Checks

- Verify that all pipes are properly secured and supported.
- Check that no pipes are compressed, distorted, or abraded by hangers and straps.
- Ensure plastic pipes are supported at least every 4 feet and at each horizontal branch connection.
- Inspect for compliance with all local plumbing codes and standards.