

Plumbing Ground Work Inspection

This inspection is necessary when the ground has been disturbed to accommodate new or renovated piping for drainage and water supply.

Prepare

Learn about how to prepare for your [Residential](#) or [Commercial](#) inspection.

Check - All Projects

The following are the most common items audited during this inspection. This list is not exhaustive. Compliance with the applicable codes and standards is required.

- All piping is exposed for visual inspection; no dirt or concrete has been installed
- In-ground piping has been installed and meets the National Plumbing Code (NPC) standards
- Pipes have proper grade and adequate support
- Fixtures below street level are protected with a backwater valve
- Water service piping is properly sized for the fixture unit load of the build
- In-ground piping is at the appropriate elevation where the piping cannot be encased in concrete
- Future stacks, drains and vent pipes are stubbed up out of the ground

Additional Checks - New Home Construction

- Radon rough-in pipes are installed
- All drainage and storm piping(if applicable) to meet the satisfaction of the NPC in its current edition. This inspection will include the piping installed in its entirety in ground and what has been proposed through plan submission

Private Sewage Disposal Systems

The following are the most common items audited during this inspection. This list is not exhaustive. Compliance with the applicable codes and standards is required

- Site Evaluation report and system design by certified private sewage installer must be available on site for review
- System (tanks and piping) to be installed per design but not covered up
- Filed, Mound or At-Grade is open to inspect
- CSA/CAN-B66 or equivalent approval must be visible on tanks
- Installations must meet the current [Alberta Sewage Systems Standard of Practice](#)