

## PLUMBING AND SEPTIC SYSTEMS

### 2024 Ontario Building Code Changes

These are highlights only. A digital copy of the 2024 Building Code Compendium is available on the [provincial website](#).

#### PLUMBING

##### PLUMBING DESIGNED FOR SEISMIC FORCES

Plumbing systems in Part 3 buildings shall be designed and installed to accommodate seismic forces.

##### SHUT OFF VALVES

Pipes that convey water from a gravity water tank or from a private water supply system shall be fitted with a shut-off valve at the source of supply. All other buildings shut-off valves shall be provided on the water supply to every fixture or group of fixtures in the same room.

##### MAXIMUM FLUSH CYCLE

New restrictions on maximum amount of water used in a flush cycle for water closets and urinals. A new table has been added for maximum water flow rates.

##### NEW PROVISIONS FOR NON-POTABLE RAINWATER HARVESTING SYSTEMS

For the purposes of distributing rainwater from a storage tank by the way of plumbing appurtenances. Permitted to be used for water closets and urinals, clothes washers, floor-mounted service sinks and laundry trays, trap primers, irrigation systems, hydronic systems, make-up water systems for heat rejection systems, or any other system where the rainwater is not ingested. These systems must be designed, fabricated and installed in accordance with good engineering practices.

##### CATCH BASINS

New requirements for maintenance holes and catch basins.

##### TRAPS

Interceptors can now be used as a trap under certain parameters. A floor drain that drains to a storm drainage system shall be protected by a trap.

##### SUMPS OR TANKS

Provisions added for sumps or tanks that receive subsurface water from a subsoil drainage pipe, it shall be provided with a water-and-air-tight cover.

##### MAKE-UP WATER CONNECTIONS

Make-up water connections shall be equipped with backflow prevention devices.



## SEPTIC SYSTEMS

Ontario has updated its standard for prefabricated septic tanks and sewage holding tanks, which will include a safety screen below cleanout covers. Ontario has also made changes related to Type A Dispersal Beds to distinguish materials used for the 'mantle.'