



CLEARVIEW

2018 Ontario Building Code Amendments Guide

Regulation: O.Reg. 139/17

Electric Vehicle Charging Requirements for Homes and Workplaces

Part 9 Buildings

- New Subsection 9.34.4., Electric Vehicle Charging.
- Every new single detached, semi-detached and row townhouse shall be provided with a rough-in for future electric vehicle supply equipment. (charging station)
- Rough-in shall include;
 - A minimum 200-amp panelboard,
 - Conduit that is not less than 1-1/16" (27mm) trade size, and
 - A square 4-11/16" (119mm) trade size electrical box.
- Electrical box shall be installed in the garage, carport or adjacent to the driveway, and shall be fume proofed from the house.



Requirements Related to EV Charging in Workplaces

- (New) Sentences 3.1.21.1. (1) and 9.34.4.1. (1)
- Applies to buildings other than apartment buildings with parking spaces in the buildings.
- Not less than 20% of parking spaces shall be provided with electric vehicle supply equipment. (charging stations)
- The remaining 80% of parking spaces located within the building shall be provide with rough-ins for future installation electrical vehicle supply equipment. (charging stations)
- Rough-ins shall include appropriately sized conduit and electrical boxes.

Water Service Pipe Sizing

Amended water service pipe sizing requirements [7.6.3.4.(6)] to permit a 3/4" pipe, but only under the following conditions:

- Serving a single dwelling unit only (n/a to two-unit houses)
- Not more than 26 fixture units
- Minimum 3/4" supply pipe in the basement shall be extended to the base of every riser that serves a maximum of one-bathroom group

On-Site Sewage Gravel less Leaching Chambers

- Leaching chambers can now be used instead of distribution piping. [8.2.1.6.]

Important Numbers to Know

- Ontario One Call 1-800-400-2255 (natural gas, sewer and water lines, Hydro, Rogers Cable and Bell locates)
- Electrical Safety Authority: 1-877-ESA-SAFE (1-877-372-7233)

Any Questions?

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Office hours;

Monday to Friday

8:30am – 4:30pm