What are the Requirements?

New one- and two-family dwellings and townhouses with onsite parking are required to have at least one parking space that is ready to support electric vehicle (EV) charging per Section R404.4. A minimum of one EV-ready space must be provided for:

- Each new dwelling unit
- Each new garage or carport
- The addition of new onsite parking spaces

The EV-ready space must be equipped with sufficient infrastructure to accommodate EV charging, including an outlet, receptacle, or Electric Vehicle Supply Equipment (ESVE). The branch circuits and termination location must be labeled.

Why is this Important?

The goal of this amendment is to promote electric vehicles by ensuring that new homes in Denver have the necessary infrastructure to support charging. Electric vehicles are a key part of Denver’s climate goals and providing charging infrastructure is critical to EV adoption.

What is the Climate Impact?

The 2022 Denver Energy Code will reduce operational carbon emissions for residential new construction by 58% over the previous code. While creating EV ready spaces does not directly reduce carbon emissions, it indirectly reduces emissions by promoting electric vehicles.

How Does this Apply to Your Project?

Projects with new dwellings, new garages or carports, or new onsite parking spaces must meet the requirements of Section R404.4 to provide EV-ready parking spaces. Note that the number of EV-ready spaces per lot is not required to exceed the number of dwelling units.