

## ORDINANCE NO. 2186

AN ORDINANCE AMENDING CERTAIN SECTIONS OF TITLE 17 OF THE  
BROOMFIELD MUNICIPAL CODE RELATED TO ELECTRIC VEHICLE CHARGING  
INFRASTRUCTURE AND ESTABLISHING ELECTRIC VEHICLE PARKING  
REQUIREMENTS

WHEREAS, the City and County of Broomfield (“Broomfield”) is committed to protecting the environment; and

WHEREAS, the Broomfield Comprehensive Plan includes Policy ES-A.3: Establish and use standards, policies, and practices that encourage and support air quality and comply with state and federal regulations; and

WHEREAS, the City desires to establish minimum electric vehicle parking requirements for new development subject to site development plans or urban renewal site plans.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY AND COUNTY OF BROOMFIELD, COLORADO:

Section 1. Chapter 17-04, Definitions, of the Broomfield Municipal Code is hereby amended to read as follows:

## Chapter 17-04 - Definitions

...

**17-04-107 Electric Vehicle Capable Space. *Electric Vehicle (EV) Capable Space or EV Capable* means a parking space that shall have the electric panel capacity, space, and the conduit to accommodate future wiring and installation of a Level 2 electric vehicle charger with 40 Amp, 208 / 240V dedicated branch circuit or greater service. EV Capable Spaces do not require any charging equipment to be installed.**

**17-04-108 Electric Vehicle Installed Space. *Electric Vehicle (EV) Installed Space or EV Installed* means a parking space that shall have the electric panel capacity, conduit, necessary wiring for a Level 2 electric vehicle charger (40 Amp, 208 / 240V) dedicated branch circuit or greater service and a Level 2, or greater, electric vehicle charging station (i.e. the connecting and protective equipment to safely supply electricity to the vehicle).**

**17-04-109 Electric Vehicle Ready Space. *Electric Vehicle (EV) Ready Space or EV Ready* means the infrastructure, including conduit and electrical outlets (or junction box) that are able to provide electrical charge to an electric vehicle. The infrastructure needs to have sufficient load capacity in an electrical panel to support**

a Level 2 charging station (adequate for 208/240V and 40 ampere), and wiring or conduit from the electrical panel to the garage or parking area. EV Ready stalls require both the infrastructure and a wired outlet/junction box, but the charging equipment is not required.

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**17-04-247 Level 1 electric vehicle charger.** *Level 1 electric vehicle charger* means charging an electric vehicle through a 120 V AC plug. Does not require installation of additional charging equipment.

**17-04-248 Level 2 electric vehicle charger.** *Level 2 electric vehicle charger* means charging an electric vehicle through a 240 V (for residential) or 208 V (for commercial) plug. Requires installation of additional charging equipment.

Section 2. Chapter 17-32-040, Off-street parking; required spaces, of the Broomfield Municipal Code is hereby amended to add the following:

17-32-040 - Off-street parking; required spaces.

**(G) *Electric Vehicle Parking Space Requirements.*** The provisions of this section shall apply to site development plans and urban renewal site development plans approved on or after October 1, 2022.

**(1) *Electric Vehicle Charging Spaces and Electric Vehicle Charging Station Calculations.***

- (i) The number of required electric vehicle charging spaces shall be provided per the ratio outlined in the tables below, for all types of parking facilities. Calculations for the required number of EV spaces shall be rounded up to the nearest whole number.

**Minimum EV Parking Spaces for Non-Residential Development**

<b>Total Parking Provided</b>	<b>1-10</b>	<b>11-15</b>	<b>16-20</b>	<b>21-25</b>	<b>26-50</b>	<b>51-75</b>	<b>76-100</b>	<b>101+</b>
<b>Min. EV-Capable Spaces</b>	1 space	3 spaces	4 spaces	5 spaces	20% of total parking spaces	20% of total parking spaces	20% of total parking spaces	20% of total parking spaces
<b>Min. EV-Ready Spaces</b>	0	1 space	1 space	1 space	5% of total parking spaces	5% of total parking spaces	5% of total parking spaces	5% of total parking spaces

<b>Min. EV-Installed Spaces</b>	0	0	0	0	1 space	2 spaces	3 Spaces	4% of total parking spaces
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### Minimum EV Parking Spaces for Multifamily Residential Development

<b>Total Parking Provided</b>	<b>1-10</b>	<b>11-15</b>	<b>16-20</b>	<b>21-25</b>	<b>26-50</b>	<b>51-75</b>	<b>76-100</b>	<b>101 +</b>
<b>Min. EV-Capable Spaces</b>	1 space	3 spaces	4 spaces	5 spaces	20% of total parking spaces	20% of total parking spaces	20% of total parking spaces	20% of total parking spaces
<b>Min. EV-Ready Spaces</b>	1 space	1 space	1 space	1 space	5% of total parking spaces	5% of total parking spaces	5% of total parking spaces	5% of total parking spaces
<b>Minimum EV-installed spaces</b>	1 space	3 spaces	4 spaces	4 spaces	4% of total parking spaces	4% of total parking spaces	4% of total parking spaces	4% of total parking spaces

**Multifamily Residential Development offered for sale to individual homeowners (condominiums) shall provide one EV ready space per unit.**

### Minimum EV Parking Spaces for One Single Family Dwelling Residential Development, Attached or Detached, (Including Townhomes)

<b>Min. EV-Capable</b>	<b>0</b>
<b>Min. EV-Ready</b>	<b>1 per dwelling unit</b>
<b>Min. EV-Installed</b>	<b>0</b>

- (ii) **The location of all EV ready and EV installed spaces shall be noted on the site development plan or urban renewal site plan.**

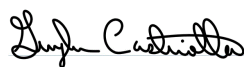
- (iii) **The site development plan or urban renewal site plan shall include a note stating the total number of EV capable parking spaces consistent with the tables above to be verified at the time of Building Permit review and issuance.**
- (iv) **All non-single family residential installations of electric vehicle charging spaces with an installed charger shall include signage identifying spaces as restricted parking for Electric Vehicles. If time limits or vehicle removal provisions are to be privately enforced, regulatory signage including parking restrictions shall be installed immediately adjacent to, and visible from the electric vehicle charging station.**
- (v) **The property owner is not restricted from collecting a service fee for the use of an electric vehicle charger utilized at a required electric vehicle charging space made available to residents, employees, and visitors to the property.**
- (vi) **The property owner may limit the use of the electric vehicle charging space to ensure that it remains available for employees and customers of the business.**

Section 3. This ordinance shall be effective seven days after publication following final passage.

INTRODUCED AND APPROVED after first reading on July 12, 2022, and ordered published in full.

INTRODUCED A SECOND TIME and approved on August 9, 2022, and further ordered published.

THE CITY AND COUNTY OF BROOMFIELD,  
COLORADO



\_\_\_\_\_  
Mayor

ATTEST:



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Office of the City and County Clerk



APPROVED AS TO FORM:



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City and County Attorney

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First Publication: July 17, 2022

Second Publication: August 14, 2022