

HOUSE COMMITTEE OF REFERENCE AMENDMENT

Committee on Energy & Environment.

HB22-1218 be amended as follows:

1 Amend printed bill, page 10, strike lines 20 through 27.

2 Strike pages 11 and 12.

3 Page 13, strike lines 1 and 2 and strike lines 6 through 27.

4 Page 14, strike lines 1 through 17 and substitute:

5 **"38-47-104. Electric vehicle charging facilities - multifamily
6 and large commercial buildings - requirements - definitions.** (1) THIS
7 SECTION APPLIES TO THE CONSTRUCTION OF A NEW HIGH-OCCUPANCY
8 BUILDING PROJECT OR TO THE RENOVATION OF FIFTY PERCENT OR MORE OF
9 AN EXISTING HIGH-OCCUPANCY BUILDING PROJECT AND TO:

10 (a) A CONTRACT EXECUTED ON OR AFTER JULY 1, 2023, TO
11 CONSTRUCT A HIGH-OCCUPANCY BUILDING PROJECT;

12 (b) THE PLANNING OF OR DRAFTING FOR A HIGH-OCCUPANCY
13 BUILDING PROJECT ON OR AFTER THE EFFECTIVE DATE OF THIS SECTION;
14 AND

15 (c) THE LAYING OUT OF OR CONSTRUCTION OF A HIGH-OCCUPANCY
16 BUILDING PROJECT ON OR AFTER THE EFFECTIVE DATE OF THIS SECTION.

17 (2) A PERSON THAT IS PLANNING, DESIGNING, OR CONSTRUCTING:

18 (a) A LARGE COMMERCIAL BUILDING PROJECT SHALL PLAN,
19 DESIGN, AND CONSTRUCT THE LARGE COMMERCIAL BUILDING PROJECT TO
20 HAVE:

21 (I) TEN PERCENT OF THE PARKING SPACES USED BY THE
22 OCCUPANTS OF THE BUILDING BE EV CAPABLE;

23 (II) TEN PERCENT OF THE PARKING SPACES USED BY THE
24 OCCUPANTS OF THE BUILDING BE EV READY; AND

25 (III) FIVE PERCENT OF THE PARKING SPACES USED BY THE
26 OCCUPANTS OF THE BUILDING TO HAVE EV SUPPLY EQUIPMENT INSTALLED
27 ADJACENT TO A PARKING SPACE; AND

28 (b) A MULTIFAMILY BUILDING SHALL PLAN, DESIGN, AND
29 CONSTRUCT THE MULTIFAMILY BUILDING TO HAVE:

30 (I) IN FIFTY PERCENT OF THE UNITS, A PARKING SPACE USED BY THE
31 OCCUPANTS OF THE BUILDING THAT IS EV CAPABLE;

32 (II) IN TWENTY PERCENT OF THE UNITS, A PARKING SPACE USED BY
33 THE OCCUPANTS OF THE BUILDING THAT IS EV READY; AND

34 (III) IN FIVE PERCENT OF THE UNITS, A PARKING SPACE USED BY
35 THE OCCUPANTS OF THE BUILDING THAT HAS EV SUPPLY EQUIPMENT
36 INSTALLED ADJACENT TO A PARKING SPACE.

37 (3) (a) TO COMPLY WITH THIS SECTION, A PERSON MAY:

- (I) PARTNER WITH A THIRD-PARTY COMPANY TO INSTALL AND MAINTAIN EV READY PARKING SPACES AND EV SUPPLY EQUIPMENT; OR
- (II) INCLUDE THE COST OF COMPLYING WITH THIS SECTION IN THE PRICE TO PLAN, DRAFT, OR CONSTRUCT THE HIGH-OCCUPANCY BUILDING PROJECT.

(b) A HIGH-OCCUPANCY BUILDING PROJECT OWNER MAY CHARGE THE COST OF COMPLYING WITH THIS SECTION DIRECTLY TO INDIVIDUAL TENANTS THAT USE THE EV READY PARKING SPACES AND EV SUPPLY EQUIPMENT.

(c) IN A LARGE COMMERCIAL BUILDING PROJECT THAT IS GROUP A, B, E, I, M, OR S-2 OCCUPANCY, THE NUMBER OF EV SUPPLY EQUIPMENT PARKING SPACES REQUIRED IN SUBSECTION (2)(a) OF THIS SECTION MAY BE REDUCED BY UP TO FIVE IF THE LARGE COMMERCIAL BUILDING PROJECT INSTALS:

(I) A SPACE EQUIPPED WITH LEVEL 3 CHARGING EV SUPPLY EQUIPMENT; AND

(II) NOT LESS THAN ONE PARKING SPACE THAT IS EV READY.

(4) THIS SECTION DOES NOT PREEMPT A POLITICAL SUBDIVISION OF COLORADO FROM REQUIRING MORE ELECTRIC VEHICLE INFRASTRUCTURE THAN REQUIRED IN THIS SECTION.

(5) AS USED IN THIS SECTION:

(a) (I) "EV CAPABLE" MEANS A PARKING SPACE THAT:

(A) HAS THE ELECTRICAL PANEL CAPACITY AND CONDUIT INSTALLED TO SUPPORT FUTURE IMPLEMENTATION OF ELECTRICAL VEHICLE CHARGING WITH A MINIMUM OF TWO HUNDRED EIGHT VOLTS AND A MINIMUM OF FORTY-AMPERE RATED CIRCUITS; AND

(B) IS ADJACENT TO THE TERMINAL POINT OF THE CONDUIT FROM THE ELECTRICAL FACILITIES DESCRIBED IN SUBSECTION (5)(a)(I)(A) OF THIS SECTION.

(II) "EV CAPABLE" INCLUDES TWO ADJACENT PARKING SPACES IF THE CONDUIT FOR THE ELECTRICAL FACILITIES DESCRIBED IN SUBSECTION (5)(a)(I)(A) OF THIS SECTION TERMINATES ADJACENT TO AND BETWEEN BOTH PARKING SPACES.

(b) (I) "EV READY" MEANS A PARKING SPACE THAT:

(A) HAS THE ELECTRICAL PANEL CAPACITY, RACEWAY WIRING, RECEPTACLE, AND CIRCUIT OVERPROTECTION DEVICES INSTALLED TO SUPPORT FUTURE IMPLEMENTATION OF ELECTRICAL VEHICLE CHARGING WITH A MINIMUM OF TWO HUNDRED EIGHT VOLTS AND A MINIMUM OF FORTY-AMPERE RATED CIRCUITS; AND

(B) IS ADJACENT TO THE RECEPTACLE FOR THE ELECTRICAL FACILITIES DESCRIBED IN SUBSECTION (5)(b)(I)(A) OF THIS SECTION.

(II) "EV READY" INCLUDES TWO ADJACENT PARKING SPACES IF THE RECEPTACLE FOR THE ELECTRICAL FACILITIES DESCRIBED IN SUBSECTION (5)(b)(I)(A) OF THIS SECTION IS INSTALLED ADJACENT TO AND BETWEEN BOTH PARKING SPACES.

(c) "EV SUPPLY EQUIPMENT" MEANS:

(I) AN ELECTRIC VEHICLE CHARGING SYSTEM AS DEFINED IN
38-12-601 (6)(a) THAT HAS POWER CAPACITY OF AT LEAST 6.2
WATTS AND HAS THE ABILITY TO CONNECT TO THE INTERNET; OR

(II) AN INDUCTIVE RESIDENTIAL CHARGING SYSTEM FOR CRY-POWERED ELECTRIC VEHICLES THAT:

(A) IS CERTIFIED BY UNDERWRITERS LABORATORIES OR AN EQUIVALENT CERTIFICATION;

(B) COMPLIES WITH THE CURRENT VERSION OF ARTICLE 625 OF THE NATIONAL ELECTRICAL CODE, PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION, AND OTHER APPLICABLE INDUSTRY STANDARDS;

(C) IS ENERGY STAR CERTIFIED; AND

(D) HAS THE ABILITY TO CONNECT TO THE INTERNET.

(d) "GROUP A, B, E, I, M, OR S-2 OCCUPANCY" MEANS:

(I) "GROUP A OCCUPANCY", AS DESCRIBED IN THE 2021 INTERNATIONAL BUILDING CODE;

(II) "GROUP B OCCUPANCY", AS DESCRIBED IN THE 2021 INTERNATIONAL BUILDING CODE;

(III) "GROUP E OCCUPANCY", AS DESCRIBED IN THE 2021 INTERNATIONAL BUILDING CODE;

(IV) "GROUP I OCCUPANCY", AS DESCRIBED IN THE 2021 INTERNATIONAL BUILDING CODE;

(V) "GROUP M OCCUPANCY", AS DESCRIBED IN THE 2021 INTERNATIONAL BUILDING CODE; OR

(vi) GROUP S-2 OCCUPANCY, AS DESCRIBED IN THE 2021 INTERNATIONAL BUILDING CODE.

(e) HIGH-OCCUPANCY BUILDING PROJECT MEANS.
(f) A MULTIFAMILY BUILDING; OR

(I) A MULTIFAMILY BUILDING, OR
(II) A LARGE COMMERCIAL BUILDING

(II) A LARGE COMMERCIAL BUILDING PROJECT.

(I) LARGE COMMERCIAL BUILDING PROJECT MEANS:

(1) A BUILDING WITH TWENTY-FIVE THOUSAND SQUARE FEET OR MORE OF FLOOR SPACE THAT IS USED OR INTENDED TO BE USED FOR COMMERCIAL PURPOSES; OR

(II) A PROJECT TO BUILD FORTY THOUSAND SQUARE FEET OR MORE OF FLOOR SPACE IN MORE THAN ONE BUILDING WITH A TOTAL OF TWENTY-FIVE OR MORE SETS OF LIVING QUARTERS OR COMMERCIAL UNITS IN ALL THE BUILDINGS.

(g) "LEVEL 3 CHARGING" MEANS EV SUPPLY EQUIPMENT THAT:

(I) USES A MINIMUM OF ONE HUNDRED AMPERES:

(II) USES A FOUR HUNDRED EIGHTY VOLT AND THREE-PHASE VOLT CIRCUIT; AND

(III) CONVERTS THE ALTERNATING CIRCUIT VOLTAGE INTO DIRECT CURRENT VOLTAGE THAT DIRECTLY CHARGES AN ELECTRIC VEHICLE.

(h) "MULTIFAMILY BUILDING" MEANS A RESIDENTIAL BUILDING

1 WITH AT LEAST THREE FAMILY UNITS AND AT LEAST TEN PARKING SPACES.

2 **SECTION 2.** In Colorado Revised Statutes, 12-115-120, **add**(11)
3 as follows:

4 **12-115-120. Inspection - permit - rules - exemption.** (11) THE
5 BOARD SHALL PROMULGATE RULES:

6 (a) REQUIRING COMPLIANCE WITH SECTION 38-47-104 TO BE
7 ISSUED AN INSPECTION PERMIT UNDER THIS SECTION; AND

8 (b) SETTING STANDARDS FOR WAIVING THE REQUIREMENT TO
9 COMPLY WITH SECTION 38-47-104 TO BE ISSUED AN INSPECTION PERMIT
10 UNDER THIS SECTION.".

11 Renumber succeeding sections accordingly.

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