

DEVELOPMENT SERVICES DEPARTMENT BUILDING DIVISION PLAN CHECK CORRECTION LIST

ACCESSIBILITY - ELECTRIC VEHICLE CHARGING STATIONS 11B - COMMERCIAL

Project Data: Record Number: Date of this Review: Date of Submittal: Project Name: Project Address: Project Description: Applicant:

- 1) 11B-228.3.2 Minimum number. The minimum number of charging stations provided for public or common use shall be provided in accordance with Table 11B-228.2.1.
- 2) 11B-812.2 Operable parts. Operable parts shall comply with Section 11B-309.
 - 2.1) 11B-309.2 Clear floor space. A clear floor or ground space complying with Section 11B-305 shall be provided.
 - 2.2) 11B-309.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in Section 11B-308.
 - 2.3) 11B-309.4 Operation. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum (except electrical vehicle connector).
- 3) 11B-812.3 Floor or ground surfaces. Vehicle spaces and access aisles serving them shall comply with Section 11B-302. Access aisles shall be at the same level as the vehicle space they serve. Changes in level, slopes exceeding 1:48, and detectable warnings shall not be permitted in vehicle spaces and access aisles.

- 4) 11B-812.4 Vertical clearance. Vehicle spaces, access aisles serving them, and vehicular routes serving them shall provide a vertical clearance of 98 inches minimum.
- 5) 11B-812.5.1 Accessible route to building or facility. EVCS that serve a particular building or facility shall be located on an accessible route to an entrance complying with Section 11B-206.4. Where EVCS do not serve a particular building or facility, EVCS shall be located on an accessible route to an accessible pedestrian entrance of the EV charging facility.
- 6) 11B-812.5.2 Accessible route to EV charger. An accessible route complying with Section 11B-402 shall be provided between the vehicle space and the EV charger which serves it.
- 7) 11B-812.5.3 Relationship to accessible routes. Vehicle spaces and access aisles shall be designed so that when the vehicle space is occupied the required clear width of adjacent accessible routes is not obstructed. A curb, wheel stop, bollards, or other barrier shall be provided if required to prevent encroachment of vehicles over the required clear width of adjacent accessible routes.
- 8) 11B-812.5.4 Arrangement. Vehicle spaces and access aisles shall be designed so that persons using them are not required to travel behind vehicle spaces or parking spaces other than the vehicle space in which their vehicle has been left to charge (except Ambulatory EVCS).
- 11B-812.5.5 Obstructions. EVCS shall be designed so accessible routes are not obstructed by cables or other elements.
- 10) 11B-812.6 Vehicle spaces. Vehicle spaces serving van accessible, standard accessible, ambulatory and drive-up EVCS shall be 216 inches (18 feet) long minimum and shall comply with Sections 11B-812.6.1 through 11B-812.6.4 as applicable. All vehicle spaces shall be marked to define their width. Where the long dimension of vehicle spaces is parallel to the traffic flow in the adjacent vehicular way, the length of vehicle spaces shall be 240 inches (20 feet) minimum. Vehicle spaces at drive-up EVCS shall be 240 inches (20 feet) long minimum and shall not be required to be marked to define their width.
- 11) 11B-812.6.1 Van accessible. Vehicle spaces serving van accessible EVCS shall be 144 inches (12 feet) wide minimum and shall have an adjacent access aisle complying with Section 11B-812.7.
- 12) 11B-812.6.2 Standard accessible. Vehicle spaces serving standard accessible EVCS shall be 108 inches (9 feet) wide minimum and shall have an adjacent access aisle complying with Section 11B-812.7.
- 13) 11B-812.6.3 Ambulatory. Vehicle spaces serving ambulatory EVCS shall be 120 inches (10 feet) wide minimum and shall not be required to have an adjacent access aisle.
- 14) 11B-812.6.4 Drive-up. Vehicle spaces serving drive-up EVCS shall be 204 inches (17 feet) wide minimum and shall not be required to have an adjacent access aisle.

- 15) 11B-812.7 Access aisle. Access aisles shall adjoin an accessible route. Two vehicle spaces shall be permitted to share a common access aisle. Access aisles shall be 60 inches wide minimum and shall extend the full required length of the vehicle spaces they serve.
- 16) 11B-812.7.1 Location. Access aisles at vehicle spaces shall not overlap the vehicular way and may be placed on either side of the vehicle space they serve except for van accessible spaces which shall have access aisles located on the passenger side of the vehicle spaces.
- 17) 11B-812.7.2 Marking. Access aisles at vehicle spaces shall be marked with a painted borderline around their perimeter. The area within the borderlines shall be marked with hatched lines a maximum of 36 inches on center. The color of the borderlines, hatched lines, and letters shall contrast with that of the surface of the access aisle. The blue color required for identification of access aisles for accessible parking shall not be used.
- 18) 11B-812.7.3 Lettering. The words "NO PARKING" shall be painted on the surface within each access aisle in letters a minimum of 12 inches in height and located to be visible from the adjacent vehicular way.
- 11B-812.8 Identification signs. EVCS identification signs shall be provided in compliance with Section 11B-812.8.
- 20) 11B-812.8.1 Four or fewer. Where four or fewer total EVCS are provided, identification with an International Symbol of Accessibility (ISA) shall not be required.
- 21) 11B-812.8.2 Five to twenty-five. Where five to twenty-five total EVCS are provided, one van accessible EVCS shall be identified by an ISA complying with Section 11B 703.7.2.1. The required standard accessible EVCS shall not be required to be identified with an ISA.
- 22) 11B-812.8.3 Twenty-six or more. Where twenty-six or more total EVCS are provided, all required van accessible and all required standard accessible EVCS shall be identified by an ISA complying with Section IIB-703.7.2.1.
- 23) 11B-812.8.4 Ambulatory. Ambulatory EVCS shall not be required to be identified by an ISA.
- 24) 11B-812.8.5 Drive, up. Drive-up EVCS shall not be required to be identified by an ISA.
- 25) 11B-812.8.6 Finish and size. Identification signs shall be reflectorized with a minimum area of 70 square inches.
- 26) 11B-812.8.7 Location. Required identification signs shall be visible from the EVCS it serves. Signs shall be permanently posted either immediately adjacent to the vehicle space or within the projected vehicle space width at the head end of the vehicle space. Signs identifying van accessible vehicle spaces shall contain the designation "van accessible." Signs shall be 60 inches minimum above the finish floor or ground surface measured to the bottom of the sign. Signs located within a circulation path shall be 80 inches minimum above the

- finish floor or ground surface measured to the bottom of the sign. Signs may also be permanently posted on a wall at the interior end of the vehicle space.
- 27) 11B-812.9 Surface marking. EVCS vehicle spaces shall provide surface marking stating "EV CHARGING ONLY" in letters 12 inches high minimum. The centerline of the text shall be a maximum of 6 inches from the centerline of the vehicle space and its lower corner at, or lower side aligned with, the end of the parking space length.
- 28) 11B.812.10 Electric vehicle chargers

Additional Comments:

- 11B-812.10.1 General EV chargers shall comply with Section 11B-812.10.
- 11B-812.10.2 Operable parts. Operable parts and charging cord storage shall comply with Section 11B-309.
- 11B-812.10.3 Point-of-sale devices. Where provided, point-of-sale devices shall comply with Sections 11B-707.2, 11B-707.3, 11B-707.7.2, and 11B-707.9.
- 32) 11B-812.10.4 Location. EV chargers shall be adjacent to, and within the projected width of the vehicle space being served.

Initial Check By:	Date:	
Recheck # 1 By:	Date:	
Recheck # 2 By:	Date:	