



CITY OF BEVERLY HILLS
DEPARTMENT OF COMMUNITY DEVELOPMENT
DEVELOPMENT SERVICES DIVISION

COMMERCIAL ACCESSIBILITY CORRECTION LIST

Activity No.:

Address:

Reviewer:

Work Description:

Type of Const.:

Use:

of Story:

Occupancy:

Floor area:

The Building and Safety Division has completed its first review of the plans dated _____, submitted in conjunction with the above cited Activity Number. The following corrections are required to comply with the City's rules and regulations:

YOUR APPLICATION FOR A PERMIT, TOGETHER WITH PLANS AND SPECIFICATIONS, HAS BEEN EXAMINED AND YOU ARE ADVISED THAT THE ISSUANCE OF A PERMIT IS WITHHELD FOR THE REASONS HEREINAFTER SET FORTH. THE APPROVAL OF PLANS AND SPECIFICATIONS DOES NOT PERMIT THE VIOLATION OF ANY SECTION OF THE BUILDING CODE, OR OTHER CITY ORDINANCE OR LAW.

INSTRUCTIONS:

- ◆ Comments below are correction items applicable to this plan check. Please respond to all comments.
- ◆ All plans, calculations, and specifications on which comments have been made are considered a part of the plan check and must be returned at the time of resubmittal, with two revised sets of plans including all documents and this correction sheet. Inked-on corrections are not acceptable.
- ◆ In the left-hand margin of the corrections, please indicate the sheet number and detail or note number on the plans where the corrections are made. Be as specific as possible.
- ◆ Incorporate all comments as marked on the checked set of plans, calculations, and this correction sheet on the revised plans. Resubmit marked original plans and two corrected sets of plans, calculations, and this plan review list. Incomplete or unreadable drawings or calculations will not be accepted.
- ◆ The plan check engineer will be available for conference and telephone calls at the telephone number and hours indicated above. Please contact the plan check engineer if you have any questions.

This correction list indicates specific areas of Title 24, Part 2 which are applicable to your project. Please be aware that the owner(s) of this building and his/her consultants are responsible for compliance with the most current Federal Regulations contained in the Americans with Disabilities Act (ADA) and Fair Housing Act (FHA). Where the ADA & FHA requirements exceed those contained in Title 24, Part 2, it is the owner's responsibility and consultants to ensure compliance with the most current ADA & FHA regulations, as the City is not delegated the authority to plan review or inspect projects for ADA & FHA compliance.

A. APPLICATION AND ADMINISTRATION

1. When alterations or additions are made to existing buildings or facilities, an accessible path of travel to the specific area of alteration or addition shall be provided unless otherwise exempt. **§11B-202.4**
2. Primary accessible path of travel shall include a primary entrance to the building or facility; toilet and bathing facilities serving the area; drinking fountains serving the area; public telephones serving the area, and signs. **§11B-202.4**
3. The attached "Summary of Accessibility Upgrades" Form should be completed and submitted for review, as not all elements are shown to comply with minimum accessibility Code standards. **§11B-202.4 Exception 8**
4. Verify the project adjusted construction cost. If below the current valuation threshold (As of Jan 2017: \$156,162) and not all elements are proposed to be improved to comply with disabled access requirements, complete the "Summary of Upgrades Form" and detail path of travel improvements as required.

B. BUILDING BLOCKS

1. Confirm any elevation differences on the plans and provide detail(s) showing compliance with Section 11B-303 Changes of Level. **§11B-303.1**
2. At the location(s) indicated on the plan, show and dimension the required turning space (circle or T-shaped). **§11B-304**
3. At the location(s) indicated on the plans, provide sections detailing minimum knee and toe clearance. (At lavatories, sinks, dining and work surfaces...). **§11B-306**
4. At the location(s) indicated on the plans, dimension the required clear floor or ground space. **§11B-305**
5. Show on the site plan a guardrail or barrier that complies with the following. Provide a guardrail or other barrier with a leading edge located 27 inches maximum above the finish floor or ground as the vertical clearance above the circulation path is reduced to less than 80 inches. **§11B-307.4**
6. Provide dimensions to ensure the objects indicated on the plans do not protrude into the accessible route clear width or more than 4 inches horizontally into the circulation path. **§11B-307.2**
7. Add dimensions on the plans to ensure the objects indicated are within allowable reach ranges. Confirm front or side approach at unobstructed and/or obstructed conditions, as applicable. **§11B-308**
8. At required operable parts, indicate maximum force and specify operation type. **§11B-309.4**

C. ACCESSIBLE ROUTES

1. Show on the site plan accessible routes that comply with the following. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger loading zones; public streets and sidewalks; and public transportation stops to the accessible building or facility entrance they serve. Where more than one route is provided, all routes must be accessible. **§11B-206.2.1**
2. Show on the site plan at least one accessible route that complies with the following. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. **§11B-206.2.2**
3. Show on the floor plans at least one accessible route that complies with the following. At least one accessible route shall connect each story and mezzanine in multi-story buildings and facilities. **§11B-206.2.3 (See exceptions)**
4. Show on the floor plans all accessibility requirements that comply with the following. Although the building is without an elevator, the upper/lower level(s) must still meet all accessibility requirements.
5. Show on the floor/site plan accessible means of vertical access and dimensions that comply with the following. In new construction of buildings where elevators are required by 11B-206.2.3 Multi-Story Buildings and Facilities, and which exceed 10,000 square feet on any floor, an accessible means of vertical access via ramp, elevator or lift shall be provided within 200 feet of travel of each stair and each escalator. **§11B-206.2.3.2**
6. Show on the floor/site plan accessible means of vertical access and dimensions that comply with the following. In existing

buildings that exceed 10,000 square feet on any floor and in which elevators are required by 11B-206.2.3 Multi-Story Buildings and Facilities, whenever a newly constructed means of vertical access is provided via stairs or an escalator, an accessible means of vertical access via ramp, elevator or lift shall be provided within 200 feet of travel of each new stair or escalator. **§11B-206.2.3.2**

7. Show on the floor/site plans at least one accessible route that complies with the following. At least one accessible route shall connect accessible building or facility entrances with all accessible spaces and elements within the building or facility, including mezzanines, which are otherwise connected by a circulation path. **§11B-206.2.4 (See exceptions 1 through 7)**
8. Show on the floor/site plan accessible routes and circulation paths that comply with the following. Accessible routes shall coincide with or be located in the same area as general circulation paths. Where circulation paths are interior, required accessible routes shall also be interior. An accessible route shall not pass through kitchens, storage rooms, restrooms, closets or other spaces used for similar purposes, except as permitted by Chapter 10. **§11B-206.3**

EMPLOYEE WORKSTATIONS

9. Detail accessible route to employee workstation and specify compliance with Division 4. Spaces and elements within employee workstations shall only be required to comply with Sections 11B-207.1, 11B-215.3, 11B-302, 11B-303, and 11B-404.2.3. Common use circulation paths within employee workstations shall comply with Section 11B-206.2.8. **§11B-203.9**
10. Indicate on the floor plans the use of each space. Specifically call out common areas and employee work stations.
11. Provide accessible details to comply with the following. The area indicated is a common area and is not considered an employee workstation, therefore disabled access compliance details are required. **§11B-203.9**

DETECTABLE WARNINGS AND DETECTABLE DIRECTIONAL TEXTURE

12. Show and detail all required detectable warnings on the plans to demonstrate compliance with the selected items below. **§11B-247 & §11B-705**
 - a. Curb ramps shall have detectable warnings that extend 36 inches in the direction of travel for the full width of the ramp run less than 2 inches maximum on each side, excluding any flared sides. **§11B-247.1.2.2, §11B-705.1.2.2**
 - b. On perpendicular curb ramps, detectable warnings shall be located so the edge nearest the curb is 6 to 8 inches from the line at the face of the curb marking the transition between the curb and the gutter, street or highway. **§11B-247.1.2.2, §11B-705.1.2.2**
 - c. On parallel curb ramps, detectable warnings shall be placed on the turning space at the flush transition between the street and sidewalk. Detectable warnings shall extend the full width of the turning space at the flush transition between the street and the sidewalk less than 2 inches maximum on each side **§11B-247.1.2.2, §11B-705.1.2.2, Figure 11B-406.3.2**
 - d. Islands or cut-through medians 96 inches or longer in length in the direction of pedestrian travel shall have detectable warnings that are 36 inches minimum in depth extending the full width of the pedestrian path or cut-through less than 2 inches maximum on each side, placed at the edges of the pedestrian island or cut-through median, and separated by 24 inches minimum of walking surface without detectable warnings. **§11B-247.1.2.3, §11B-705.1.2.3**
 - e. Walks that cross or adjoin a route provided for vehicular traffic, such as in a street, driveway, or parking facility, shall be separated by detectable warnings, curbs, railings or other elements between the pedestrian areas and vehicular areas. **§202, §11B-247.1.2.5, §11B-705.1.2.5**
 - f. Detectable warnings provided to separate walks that cross or adjoin a route provided for vehicular traffic, such as in a street, driveway, or parking facility, shall be 36 inches in width and continuous at the boundary between the pedestrian areas and vehicular areas. **§202, §11B-247.1.2.5, §11B-705.1.2.5**
 - g. Detectable warning surfaces shall be yellow and approximate FS 33538 of Federal Standard 595C. **§11B-705.1.1.3.1**

ENTRANCES

13. Show and specify the required primary building entry. **§11B-206.4**
14. For the new building proposed, detail compliance at all entrances and exterior ground-floor exits to buildings and facilities shall comply with 11B-404 Doors, Doorways, and Gates. **§11B-206.4.1**

15. Show and specify primary entry door and door(s) along path of travel, including door size(s), hardware, landings, thresholds, kickplates, pressure, etc...**§11B-206.5**

TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTES

16. On the site plan, show and define the required accessible path of travel: 48 in minimum width walkway, 5% maximum slope in the direction of travel, 2% maximum cross-slope. **§11B-403.3 & §11B-403.5**
17. Delineate all walking surfaces and dimension the required widths (36"/44"/48"/60"). **§11B-403.5**

DOORS, DOORWAYS, AND GATES

18. Specify all door and gate widths, heights, hardware, thresholds, kickplates, etc... **§11B-404**
19. Show and dimension all required landings/maneuvering clearances. **§11B-402.2.4**
20. Revolving doors, revolving gates, and turnstiles shall not be part of an accessible route. **§11B-404.2.1**
21. At least one of the active leaves of doorways with two leaves shall comply with 11B-404.2.3 Clear Width and 11B-404.2.4 Maneuvering Clearances. **§11B-404.2.2**
22. Door openings shall provide a clear width of 32 inches minimum. Openings more than 24 inches deep shall provide a clear opening of 36 inches minimum. Specify all door widths on the plans and/or at door schedule. **§11B-404.2.3**
23. At doorways less than 36 inches wide without doors or gates, sliding doors, or folding doors dimension required maneuvering clearances complying with Table 11B-404.2.4.2. **§11B-404.2.4.2**
24. Dimension the minimum 18 inch interior and 24 inch exterior strike side clearance on the latch side of all doors with adjacent obstruction. **§11B-404.2.4.3**
25. Provide threshold details for doors, indicating ½ inch maximum height. **§11B-404.2.5.**
26. Specify door hardware type(s) for all doors and gates and provide elevation indicating hardware height between 34 inches minimum and 44 inches maximum above the finish floor or ground. **§11B-404.2.7**
27. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Show and dimension required kickplate(s). **§11B-404.2.10**
28. Where sliding doors are in the fully open position, confirm operating hardware shall be exposed and usable from both sides. **§11B-404.2.7**

RAMPS

29. Provide enlarged ramp details, including finish floor elevation at each landing, clear width, slope, cross-slope, top and bottom landing dimensions, handrails, handrail extensions, etc.complying with the following: **§11B-405**
 - a. Ramp runs shall not exceed a running slope of 1:12 (8.33%) and cross slopes of ramp runs shall not be steeper than 1:48 (2.083%). **§11B-405.2 & §11B-405.3**
 - b. Floor or ground surfaces of ramp runs shall comply with 11B-302 Floor or Ground Surfaces. Changes in level other than the running slope and cross slope are not permitted on ramp runs. **§11B-405.4**
 - c. The clear width of a ramp run shall be 48 inches minimum. **§11B-405.5**
 - d. The rise for any ramp run shall be 30 inches maximum. **§11B-405.6**
 - e. Ramps shall have landings at the top and the bottom of each ramp run. **§11B-405.7**
 - f. Landings shall c omply with 11B-302 Floor or Ground Surfaces. Changes in level are not permitted. **§11B-405.7.1**
 - g. The landing clear width shall be at least as wide as the widest ramp run leading to the landing. **§11B-405.7.2**
 - h. Top landings shall be 60 inches wide and 60 inches long, minimum. **§11B-405.7.2.1 & §11B-405.7.3**
 - i. Bottom landings shall extend 72 inches minimum in the direction of ramp run. **§11B-405.7.3.1**

- j. Ramps that change direction between runs at landings shall have a clear landing 60 inches minimum by 72 inches minimum in the direction of downward travel from the upper ramp run. **§11B-405.7.4**
- k. Where doorways are located adjacent to a ramp landing, maneuvering clearances required by 11B-404.2.4 and 11B-404.3.2 shall be permitted to overlap the required landing area. Doors, when fully open, shall not reduce the required ramp landing width by more than 3 inches. Doors, in any position, shall not reduce the minimum dimension of the ramp landing to less than 42 inches. **§11B-405.7.5**
- l. Ramp runs shall have compliant handrails per 11B-505 Handrails. **§11B-405.8**
- m. Edge protection complying with 11B-405.9.2 Curb or Barrier shall be provided on each side of ramp runs and at each side of ramp landings. **§11B-405.9 (See exceptions)**
- n. A curb, 2 inches high minimum, or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface. To prevent wheel entrapment, the curb or barrier shall provide a continuous and uninterrupted barrier along the length of the ramp. **§11B-405.9.2**

HANDRAILS

- 30. Show required handrails on each side of stairs and ramps, including required top and bottom extensions. **§11B-505.2 & §11B-505.10**
- 31. Provide details and dimensions of the handrail cross-section(s), clearances, and gripping surfaces. **§11B-505**
- 32. Dimension to the top of gripping surfaces of handrails. Handrails shall be 34 inches minimum to 38 inches maximum vertically above walking surfaces, stair nosings, and ramp surfaces and shall be at a consistent height. **§11B-505.4**
- 33. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1½ inches minimum. Handrails may be located in a recess if the recess is 3 inches maximum deep and 18 inches minimum clear above the top of the handrail. **§11B-505.5**
- 34. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1¾ inches minimum and 2 inches maximum. **§11B-505.7.1**
- 35. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and 6¾ inches maximum, and a cross-section dimension of 2¾ inches maximum. **§11B-505.7.2**
- 36. In alterations, where the extension of the handrail in the direction of stair flight or ramp run would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight or ramp run. **§11B-505.10 exception 3**
- 37. Ramp handrails shall extend horizontally above the landing for 12 inches minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. **§11B-505.10.1**
- 38. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. **§11B-505.10.2**
- 39. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance equal to one tread depth beyond the last riser nosing. The horizontal extension of a handrail shall be 12 inches long minimum and a height equal to that of the sloping portion of the handrail as measured above the stair nosings. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. **§11B-505.10.3**

STAIRWAYS

- 40. A stair is defined as a change in elevation, consisting of one or more risers. For all stairs, comply with the following: **§11B-202**
 - a. Provide stair details, including tread rise and run, nosings, striping, handrails, etc... **§11B-504**
 - b. Open risers are not permitted. **§11B-504.3 (See exceptions)**

- c. Show and specify all required stairway stripping. Interior stairs shall have the upper approach and lower tread marked by a stripe providing clear visual contrast. Exterior stairs shall have the upper approach and all treads marked by a stripe providing clear visual contrast. The stripe shall be a minimum of 2 inches wide to a maximum of 4 inches wide placed parallel to, and not more than 1 inch from, the nose of the step or upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement. **§11B-504.4.1**

CURB RAMPS, BLENDED TRANSITIONS, AND ISLANDS

41. For curb ramps/blended transitions/islands, please comply with the following:

- a. Perpendicular ramp runs shall have a running slope not steeper than 1:12 (8.33%). **§11B-406.2.1**
- b. For perpendicular ramps, where provided, curb ramp flares shall not be steeper than 1:10. **§11B-406.2**
- c. The running slope of the curb ramp segments shall be in-line with the direction of sidewalk travel. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). **§11B-406.3.1**
- d. A turning space 48 inches minimum by 48 inches minimum shall be provided at the bottom of the curb ramp. The slope of the turning space in all directions shall be 1:48 maximum (2.083%). **§11B-406.3.2**
- e. Blended transition ramps shall have a running slope not steeper than 1:20 (5%). **§11B-406.4.1**
- f. Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular traffic lanes, parking spaces, or parking access aisles. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides. **§11B-406.5.1**
- g. The clear width of curb ramp runs (excluding any flared sides), blended transitions, and turning spaces shall be 48 inches minimum. **§11B-406.5.2**
- h. Landings shall be provided at the tops of curb ramps and blended transitions (parallel curb ramps shall not be required to comply). The landing clear length shall be 48 inches minimum. The landing clear width shall be at least as wide as the curb ramp, excluding any flared sides, or the blended transition leading to the landing. The slope of the landing in all directions shall be 1:48 (2.083%) maximum. **§11B-406.5.3**
- i. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush. **§11B-406.5.6**
- j. The cross slope of curb ramps and blended transitions shall be 1:48 (2.083%) maximum. **§11B-406.5.7**
- k. Counter slopes of adjoining gutters and road surfaces immediately adjacent to and within 24 inches of the curb ramp shall not be steeper than 1:20 (5%). The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level. **§11B-406.5.8**
- l. The bottom of diagonal curb ramps shall have a clear space 48 inches minimum outside active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings shall provide the 48 inches minimum clear space within the markings. **§11B-406.5.9**
- m. Curb ramps and blended transitions shall have detectable warnings complying with 11B-705 Detectable Warnings. **§11B-406.5.12**
- n. Raised islands in crossings shall be cut through level with the street or have curb ramps at both sides. The clear width of the accessible route at islands shall be 60 inches wide minimum. Where curb ramps are provided, they shall comply with 11B-406 Curb Ramps, Blended Transitions and Islands. Landings complying with 11B-406.5.3 Landings and the accessible route shall be permitted to overlap. Islands shall have detectable warnings complying with 11B-705 Detectable Warnings and Detectable Directional Texture. **§11B-406.6, Figure 11B-406.6**

D. GENERAL SITE AND BUILDING ELEMENTS

PARKING SPACES

1. Where parking spaces are provided, accessible parking spaces shall be provided in number and kind required per Section 11B-208 Parking Spaces. Show and detail all required disabled access stalls, including dimensions, markings, signage, clear height, etc... **§11B-208**
2. Provide (___) accessible parking spaces as required by Table 11B-208.2. **§11B-208.2 (See exceptions)**
3. Provide accessible spaces for each parking facility (parking lots and parking structures). The number of parking spaces required to be accessible is to be calculated separately for each parking facility; the required number is not based on the total number of parking spaces provided in all of the parking facilities provided on site. **§11B-208.2**
4. Ten percent of patient and visitor parking spaces provided to serve hospital outpatient facilities, and free-standing buildings providing outpatient clinical services of a hospital, shall comply with Section 11B-502 Parking Spaces. **§11B-208.2.1**
5. Twenty percent of patient and visitor parking spaces provided to serve rehabilitation facilities specializing in treating conditions that affect mobility and outpatient physical therapy facilities shall comply with Section 11B-502 Parking Spaces. **§11B-208.2.2**
6. One in every six or fraction of six parking spaces required by Section 11B-208.2 Minimum Number, but not less than one, shall be served by an access aisle 96 inches wide minimum placed on the side opposite the driver's side when the vehicle is going forward into the parking space and shall be designated "van accessible". All such spaces may be grouped on one level of a parking structure. **§11B-208.2.4 & §11B-502**
7. Accessible parking spaces complying with Section 11B-502 Parking Spaces serving a particular building or facility shall be located on the shortest accessible route of travel from adjacent parking to an accessible entrance (as near as practical to an accessible entrance). **§11B-208.3.1**
8. In buildings with multiple accessible entrances with adjacent parking, accessible parking spaces complying with Section 11B-502 Parking Spaces shall be dispersed and located closest to the accessible entrances. **§11B-208.3.1**
9. In parking facilities that do not serve a particular building or facility, accessible parking spaces complying with Section 11B-502 Parking Spaces shall be located on the shortest accessible route of travel to an accessible pedestrian entrance of the parking facility. **§11B-208.3.1**
10. Dimension minimum 18-foot long car and van accessible parking space(s) and access aisle(s). **§11B-502.2, Figures 11B-502.2 & 11B-502.3**
11. Dimension minimum 9-foot width at accessible car parking space. **§11B-502.2, Figures 11B-502.2 & 11B-502.3**
12. Dimension minimum 12-foot wide accessible van parking space with minimum 5-foot wide access aisle. Van parking spaces shall be permitted to be minimum 9 feet wide where access aisle is 8-foot wide minimum. **§11B-502.2, Figures 11B-502.2 & 11B-502.3**
13. Car and van stall access aisle shall be 5 foot wide minimum and shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle. **§11B-502.3, Figures 11B-502.2 & 11B-502.3**
14. Access aisles shall be marked with a blue painted borderline around their perimeter. The area within the blue borderlines shall be marked with hatched lines a maximum of 36 inches on center in a color contrasting with that of the aisle surface, preferably blue or white. The words "NO PARKING" shall be painted on the surface within each access aisle in white letters a minimum of 12 inches in height and located to be visible from the adjacent vehicular way. Access aisle markings may extend beyond the minimum required length. **§11B-502.3.3, Figure 11B-502.3.3**
15. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for van parking spaces which shall have access aisles located on the passenger side of the parking spaces. **§11B-502.3.4**
16. Clearly show minimum vertical clearance of 8 feet 2 inches at accessible parking spaces and along at least one vehicle access route to such spaces from site entrances and exits. **§11B-502.5**
17. Parking space identification signs shall include the International Symbol of Accessibility complying with Section 11B-703.7.2.1 International Symbol of Accessibility. **§11B-502.6, Figure 11B-703.7.2.1**

18. Signs identifying van parking spaces shall contain additional language or an additional sign with the designation "van accessible." Signs shall be 60 inches minimum above the finish floor or ground surface measured to the bottom of the sign. **§11B-502.6**
19. Parking identification signs shall be reflectorized with a minimum area of 70 square inches. **§11B-502.6.1**
20. Additional language or an additional sign below the International Symbol of Accessibility shall state "Minimum Fine \$250." **§11B-502.6.2**
21. A parking space identification sign shall be visible from each parking space. Signs shall be permanently posted either immediately adjacent to the parking space or within the projected parking space width at the head end of the parking space. Signs may also be permanently posted on a wall at the interior end of the parking space. **§11B-502.6.3**
22. Each accessible car and van space shall have surface identification complying with either of the following schemes: **§11B-502.6.4**
 - a. The parking space shall be marked with an International Symbol of Accessibility complying with Section 11B-703.7.2.1 International Symbol of Accessibility in white on a blue background a minimum 36 inches wide by 36 inches high. The centerline of the International Symbol of Accessibility shall be a maximum of 6 inches from the centerline of the parking space, its sides parallel to the length of the parking space and its lower corner at, or lower side aligned with, the end of the parking space length. **§11B-502.6.4.1**
 - b. The parking space shall be outlined in blue or painted blue and shall be marked with an International Symbol of Accessibility complying with Section 11B-703.7.2.1 International Symbol of Accessibility a minimum 36 inches wide by 36 inches high in white or a suitable contrasting color. The centerline of the International Symbol of Accessibility shall be a maximum of 6 inches from the centerline of the parking space, its sides parallel to the length of the parking space and its lower corner at, or lower side aligned with, the end of the parking space. **§11B-502.6.4.2**
23. An additional sign shall be posted either; 1) in a conspicuous place at each entrance to an off-street parking facility or 2) immediately adjacent to on-site accessible parking and visible from each parking space. **§11B-502.8**
 - a. The additional sign shall not be less than 17 inches wide by 22 inches high. **§11B-502.8.1**
 - b. The additional sign shall clearly state in letters with a minimum height of 1 inch the following: **§11B-502.8.2**

"Unauthorized vehicles parked in designated accessible spaces not displaying distinguishing placards or special license plates issued for persons with disabilities will be towed away at the owner's expense. Towed vehicles may be reclaimed at: _____ or by telephoning _____."

Blank spaces shall be filled in with appropriate information as a permanent part of the sign.
24. Signs intended for use by pedestrians within parking facilities, including directional or informational signs indicating parking sections or levels, shall comply with the requirements of Section 11B-216. **§11B-216.5.2**

RELATIONSHIP TO ACCESSIBLE ROUTES

25. Parking spaces and access aisles shall be designed so that persons using them are not required to travel behind parking spaces other than to pass behind the parking space in which they parked. **§11B-502.7.1**
26. A curb or wheel stop shall be provided if required to prevent encroachment of vehicles over the required clear width of adjacent accessible routes. **§11B-502.7.2**

PASSENGER DROP-OFF & LOADING ZONES AND BUS STOPS

27. Parking facilities that provide valet parking services shall provide at least one passenger drop-off and loading zone complying with Section 11B-503 Passenger Drop-off and Loading Zones. The parking requirements of Section 11B-208.1 Parking Spaces General apply to facilities with valet parking. **§11B-209.4**
28. Mechanical access parking garages shall provide at least one passenger drop-off and loading zone complying with Section 11B-503 Passenger Drop-off and Loading Zones at vehicle drop-off and vehicle pick-up areas. **§11B-209.5**
29. Passenger drop-off and loading zones shall provide a vehicular pull-up space 96 inches wide minimum and 20 feet long minimum. **§11B-503.2**

30. Passenger drop-off and loading zones shall provide access aisles complying with the following adjacent and parallel to the vehicle pull-up space. Access aisles shall adjoin an accessible route and shall not overlap the vehicular way. **§11B-503.3**
 - a. Access aisles serving vehicle pull-up spaces shall be 60 inches wide minimum. **§11B-503.3.1**
 - b. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. **§11B-503.3.2**
 - c. Access aisles 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 in a color contrasting with that of the aisle surface **§11B-503.3.3**
31. Vehicle pull-up spaces and access aisles serving them shall comply with Section 11B-302 Floor or Ground Surfaces. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. **§11B-503.4**
32. Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone and from the passenger loading zone to a vehicular exit shall provide a vertical clearance of 114 inches minimum. **§11B-503.5**

E. PLUMBING FIXTURES AND FACILITIES

DRINKING FOUNTAINS

1. No fewer than two drinking fountains shall be provided. When provided, one drinking fountain shall comply with 11B-602.1 through 11B-602.6, 11B-602.8 and 11B-602.9 and one drinking fountain shall comply with 11B-602.7 and 11B-602.9. **§11B-211.2**
2. Where more than the minimum number of drinking fountains specified in 11B-211.2 are provided, 50 percent of the total number of drinking fountains provided shall comply with 11B-602.1 through 11B-602.6, 11B-602.6, 11B-602.8 and 11B-602.9 and 50 percent of the total number of drinking fountains provided shall comply with 11B-602.7 and 11B-602.9. **§11B-211.3**
3. Drinking fountains shall comply with Sections 11B-307 Protruding Objects and 11B-602 General Requirements. **§11B-602.1**
4. Provide details at hi-low drinking fountains, including clear floor space at low unit, knee and toe clearance, spout heights and locations, spout angles, etc... **§11B-602**
5. Units shall have a clear floor or ground space complying with Section 11B-305 Clear Floor or Ground Space positioned for a forward approach and centered on the unit. Knee and toe clearance complying with Section 11B-306 Knee and Toe Clearance shall be provided. **§11B-602.2**
6. Where drinking fountains are used by children, a parallel approach complying with Section 11B-305 Clear Floor or Ground Surfaces shall be permitted at units where the spout is 30 inches maximum above the finish floor or ground and is 3½" maximum from the front edge of the unit, including bumpers. **§11B-602.2 exception**
7. Spout outlets shall be 36 inches maximum above the finish floor or ground. **§11B-602.4**
8. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. **§11B-602.5**
9. The spout shall provide a flow of water 4 inches high minimum and shall be located 5 inches maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. **§11B-602.6**
10. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. **§11B-602.7**
11. Wall and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches maximum in depth. **§11B-602.8**

12. All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within such a drinking fountain is located shall be 32 inches wide minimum and 18 inches deep minimum, and shall comply with Section 11B-305.7 Maneuvering Clearance. When used, wing walls or barriers shall protect horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground surface. **§11B-602.9**

TOILET AND BATHING ROOM CLEARANCES

13. Where toilet facilities and bathing facilities are provided, they shall comply with 11B-213 Toilet Facilities and Bathing Facilities. Where toilet facilities and bathing facilities are provided in facilities permitted by 11B-206.2.3 Multi-Story Buildings and Facilities Exceptions 1 and 2 not to connect stories by an accessible route, toilet facilities and bathing facilities shall be provided on a story connected by an accessible route to an accessible entrance. **§11B-213.1**
14. Where separate toilet facilities are provided for the exclusive use of separate user groups, the toilet facilities serving each user group shall comply with 11B-213 Toilet Facilities and Bathing Facilities. **§11B-213.1.1**
15. Where toilet rooms are provided, each toilet room shall comply with 11B-603 Toilet and Bathing Rooms. Where bathing rooms are provided, each bathing room shall comply with 11B-603 Toilet and Bathing Rooms. **§11B-213.2 (See exception)**
16. Unisex toilet rooms shall contain not more than one lavatory, and not more than two water closets without urinals or one water closet and one urinal. Unisex bathing rooms shall contain one shower or one shower and one bathtub, one lavatory, and one water closet. Doors to unisex toilet rooms and unisex bathing rooms shall have privacy latches. **§11B-213.2.1**
17. Door shall not swing into the clear floor space or clearance required for any fixture. Other than the door to the accessible water closet compartment, a door in any position may encroach into the turning space by 12 inches maximum. **§11B-603.2.3**
18. At single user toilet or bathing rooms, doors shall be permitted to swing into the clear floor space or clearance required for any fixture only if a 30 inch by 48-inch minimum clear floor space is provided within the room beyond the arc of the door swing. **§11B-603.2.3 (See exception)**
19. Mirrors located above the lavatories or countertops shall be installed within the bottom edge of the reflecting surface 40 inches maximum above the finish floor or ground. Mirrors not located above the lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. **§11B-603.3**
20. Coat hooks shall be located within one of the reach ranges specified in Section 11B-308. Shelves shall be located 40 inches minimum and 48 inches maximum above the finish floor. Medicine cabinets shall be located with a usable shelf no higher than 44 inches maximum above the finish floor. **§11B-603.4**
21. Where towel or sanitary napkin dispensers, waste receptacles, or other accessories are provided in toilet facilities, at least one of each type shall be located on an accessible route. All operable parts, including coin slots, shall be 40 inches maximum above the finish floor. Baby changing stations are not required to comply with Section 11B-603.5. **§11B-603.5**
22. Provide bathtub details, confirming compliance with Section 11B-607, including the requirements for clearances, grab bars, seats, controls, shower spray unit, and water and bathtub enclosures. **§11B-608**
23. Provide details confirming disabled access compliance at shower compartments, including the requirements for clearances, grab bars, seats, controls, shower spray unit and water, thresholds, shower enclosures, shower floor or ground surface and soap dish. **§11B-608**

WATER CLOSETS AND TOILET COMPARTMENTS

24. Where toilet compartments are provided, at least 5 percent but no fewer than one toilet compartment shall comply with Section 11B-604.8.1. In addition to the compartments required to comply with 11B-604.8.1, where six or more toilet compartments are provided, or where the combination of urinals and water closets totals six or more fixtures, toilet compartments complying with Section 11B-604.8.2 shall be provided in the same quantity as the toilet compartments required to comply with Section 11B-604.8.1. **§11B-213.3.1**

25. Where water closets are provided, at least 5 percent but no fewer than one shall comply with Section 11B-604. **§11B-213.3.2**
26. The clear width for accessible routes to accessible toilet compartments shall be 44 inches except for door-opening widths and door swings. **§11B-403.5.1 exception 5.**
27. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 17 inches minimum to 18 inches maximum from the side wall or partition, except that the water closet shall be 17 inches minimum and 19 inches maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in Section 11B-604.8.2 Ambulatory Accessible Compartments. Water closets shall be arranged for a left-hand or right-hand approach. **§11B-604.2**
28. Clearance around a water closet shall be 60 inches minimum measured perpendicular from the sidewall and 56 inches minimum measured perpendicular from the rear wall. A minimum 60 inches wide and 48 inches deep maneuvering space shall be provided in front of the water closet. **§11B-604.3.1**
29. The seat height of a water closet above the finish floor shall be 17 inches minimum and 19 inches maximum measured to the top of the seat. Seats shall not be sprung the return to a lifted position. Seats shall be 2 inches high maximum and a 3-inch high seat shall be permitted only in alterations where the existing fixture is less than 15 inches high. **§11B-604.4**
30. The sidewall grab bars shall be 42 inches long minimum, located 12 inches maximum from the rear wall and extending 54 inches minimum from the rear wall with the front end positioned 24 inches minimum in front of the water closet. **§11B-604.5.1**
31. The rear grab bar shall be 36 inches long minimum and extend from the centerline of the water closet 12 inches minimum on one side and 24 inches minimum on the other side. **§11B-604.5.2 (See exception)**
32. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with Section 11B-309.4 Operation except they shall be located 44 inches maximum above the floor. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with Section 11B-604.8.2 Ambulatory Accessible Compartments. **§11B-604.6**
33. Toilet paper dispensers shall comply with Section 11B-309.4 Operation and shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar, 19 inches minimum above the finish floor and shall not be located behind the grab bars. Dispensers shall not be of a type that control delivery or that does not allow continuous paper flow. **§11B-604.7**
34. Wheelchair accessible toilet compartments shall meet the requirements of Sections 11B-604.8.1 Wheelchair Accessible Compartments and 11B-604.8.3 Coat Hooks and Shelves. Compartments containing more than one plumbing fixture shall comply with Section 11B-603 Toilet and Bathing Rooms. Ambulatory accessible compartments shall comply with Sections 11B-604.8.2 Ambulatory Accessible Compartments and 11B-604.8.3 Coat Hooks and Shelves. **§11B-604.8**
35. In a wheelchair accessible compartment with an in-swing door, a minimum 60 inches wide by 36 inches deep maneuvering space shall be provided in front of the clearance required in Section 11B-604.8.1.1 Wheelchair Accessible Compartment Size. **§11B-604.8.1.1.1, Figures 11B-604.8.1.1.2(b) and 11B-604.8.1.1.3(b)**
36. In a wheelchair accessible compartment with a door located in the side wall or partition, either in-swinging or out-swinging, a minimum 60 inches wide and 60 inches deep maneuvering space shall be provided in front of the water closet. **§11B-604.8.1.1.2, Figure 11B-604.8.1.1.2**
37. In a wheelchair accessible compartment with end-opening door located in the front wall or partition (facing water closet), either in-swinging or out-swinging, a minimum 60 inches wide and 48 inches deep maneuvering space shall be provided in front of the water closet. **§11B-604.8.1.1.3, Figure 11B-604.8.1.1.3**
38. Toilet compartment doors, including door hardware, shall comply with Section 11B-404 Doors, Doorways, and Gates except that if the approach is from the push side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 48 inches minimum measured perpendicular to the compartment door in its closed position. Door shall be located in front partition or in the side wall or partition farthest from the water closet. **§11B-604.8.1.2**

39. Where toilet compartment doors are located in the front partition, the door opening shall be 4 inches maximum from the sidewall or partition farthest from the water closet. Where located in the sidewall or partition, the door opening shall be 4 inches maximum from the front partition and the door shall be self-closing. **§11B-604.8.1.2**
40. A door pull complying with Section 11B-404.2.7 Door and Gate Hardware shall be placed on both sides of the door near the latch. Door shall not swing into the clear floor space or clearance required for any fixture. Doors may swing into that portion of the maneuvering space which does not overlap the clearance required at a water closet. **§11B-604.8.1.2 (See exception)**
41. At least one side partition shall provide a toe clearance of 9 inches minimum above the finish floor and 6 inches deep minimum beyond the compartment-side face of the partition, exclusive of partition support members. Partition components at toe clearances shall be smooth without sharp edges or abrasive surfaces. Compartments for children's use shall provide a toe clearance of 12 inches minimum above the finish floor. **§11B-604.8.1.4**
42. Ambulatory accessible compartments shall have a depth of 35 inches minimum and 37 inches maximum. **§11B-604.8.2.1**
43. Water closets and toilet compartments for children's use shall comply with Section 11B-604.9 Water Closets and Toilet Compartments for Children's Use and follow suggested dimensions on Table 11B-604.9. **§11B-604.9**
44. Where urinals are provided, at least 10 percent but no fewer than one shall comply with Section 11B-605. **§11B-213.3.3.**
45. Urinals shall be the stall-type or the wall-hung type with the rim 17 inches maximum above the finish floor or ground. Urinals shall be 13½ inches deep minimum measured from the outer face of the urinal rim to the back of the fixture. **§11B-605.2**
46. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with Section 11B-309 Operable Parts except that the flush control shall be mounted at a maximum height of 44 inches above the finish floor. **§11B-605.4**
47. Where lavatories are provided, at least 10 percent but no fewer than one shall comply with Section 11B-606 and shall not be located in a toilet compartment. **§11B-213.3.4, §11B-606.1.**
48. For lavatories and sinks, a clear floor space complying with Section 11B-305 Clear Floor or Ground Surfaces, positioned for a forward approach, and knee and toe clearance complying with Section 11B-306 Knee and Toe Clearance shall be provided. **§11B-606.2**
49. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches maximum above the finish floor or ground. **§11B-606.3**

SIGNS RELATED TO TOILETS AND BATHING FACILITIES

50. Entrances leading to toilet rooms and bathing rooms complying with 11B-603 Toilet and Bathing Rooms shall be identified by a geometric symbol complying with 11B-703.7.2.6 Toilet and Bathing Room Geometric Symbols.
51. Where existing toilet rooms or bathing rooms do not comply with 11B-603 Toilet and Bathing Rooms, directional signs indicating the location of the nearest compliant toilet room or bathing room within the facility shall be provided.
52. Signs shall comply with 11B-703.5 Visual Characters and shall include the International Symbol of Accessibility complying with 11B-703.7.2.1 ISA.
53. Where existing toilet rooms or bathing rooms do not comply with 11B-603 Toilet and Bathing Rooms, the toilet rooms or bathing rooms complying with 11B-603 Toilet and Bathing Rooms shall be identified by the International Symbol of Accessibility complying with 11B-703.7.2.1 ISA.
54. Where clustered single user toilet rooms or bathing facilities are permitted to use exceptions to 11B-213.2 Toilet and Bathing Rooms, toilet rooms or bathing facilities complying with 11B-603 Toilet and Bathing Rooms shall be identified by the International Symbol of Accessibility complying with 11B-703.7.2.1 ISA unless all toilet rooms and bathing facilities comply with 11B-603 Toilet and Bathing Rooms.

- Existing buildings that have been remodeled to provide specific toilet rooms or bathing rooms for public use that comply with these building standards shall have the location of and the directions to these rooms posted in or near the building lobby or entrance on a sign complying with 11B-703.5 Visual Characters, including the International Symbol of Accessibility complying with 11B-703.7.2.1 ISA. **§11B-216.8**

WASHING MACHINE AND CLOTHES DRYERS

- Washing machines and clothes dryer's operable parts must comply with Section 11B-309 Operable Parts. **§11B-611.3**
- Top loading machines shall have the door to the laundry compartment located 36 inches maximum above the finish floor. Front loading machines shall have the bottom of the opening to the laundry compartment located 15 inches minimum and 36 inches maximum above the finish floor. **§11B-611.4**

F. COMMUNICATION ELEMENTS AND FEATURES

ASSISTIVE LISTENING SYSTEMS

- Assistive listening systems shall be provided in assembly areas, including conference and meeting rooms, used for the purpose of entertainment, educational or civic gatherings, or similar purposes. **§11B-219.2**

Note: Assembly areas include, but are not limited to, classrooms, lecture halls, courtrooms, public meeting rooms, public hearing rooms, legislative chambers, motion picture houses, auditoria, theaters, playhouses, dinner theaters, concert halls, centers for the performing arts, amphitheaters, arenas, stadiums, grandstands, or convention centers. **§202, §11B-219.2**
- Provide (_____) assistive listening systems. A minimum number of receivers equal to 4 percent of the total number of seats, but in no case less than two. Twenty-five percent minimum of receivers provided for assistive listening systems, but no fewer than two, shall be hearing-aid compatible with exception when all seats in an assembly area are served by means of an induction loop. **§11B-219.3**

TWO-WAY COMMUNICATION SYSTEMS

- Two-way communication systems that are provided to gain admittance to a building or facility or to restricted areas within a building or facility shall provide both audible and visual signals. Handset cords, if provided, shall be 29 inches long minimum. **§11B-230.1, §11B-708**
- Common use or public use system interface of communications systems between a residential dwelling unit and a site, building, or floor entrance shall include the capability of supporting voice and TTY communication with the residential dwelling unit interface. **§11B-708.4.1**
- Residential dwelling unit system interface of communications systems between a residential dwelling unit and a site, building, or floor entrance shall include a telephone jack capable of supporting voice and TTY communication with the common use or public use system interface. **§11B-708.4.2**

TELEPHONES

- Where coin-operated public pay telephones, coin less public pay telephones, public closed-circuit telephones, public courtesy phones, or other types of public telephones are provided, public telephones shall be provided in accordance with 11B-217 Telephones for each type of public telephone provided. A bank of telephones shall be considered to be two or more adjacent telephones. **§11B-217.1**
- Provide (_____) wheelchair accessible telephones in accordance with Table 11B-217.2. **§11B-217.2**

G. SPECIAL ROOMS, SPACES, AND ELEMENTS

KITCHENS, KITCHENETTES AND WET BARS

- Provide a section and detail showing that sinks comply with 11B-606 Lavatories and Sinks, including clear floor space, height, faucets, and at exposed pipes and surfaces. **§11B-804.4**
- Show that at least 50 percent of the shelf space is within required reach ranges. **§11B-804.5**
- As a range/cooktop is provided, detail the required forward reach approach at the sink. **§11B-804.6.4**

H. ELEVATORS. LULAS & PLATFORM

ELEVATORS

1. Elevators provided for passengers shall comply with 11B-407 Elevators. Where multiple elevators are provided, each elevator shall comply with 11B-407 Elevators; (See exceptions). **§11B-206.6**
2. Where elements of existing elevators are altered, the same element shall also be altered in all elevators that are programmed to respond to the same hall call control as the altered elevator and shall comply with the requirements of 11B-407 Elevators for the altered element. **§11B-206.6.1**

Exception: Where a group of existing elevators are altered into a destination-oriented elevator system, or where elements of existing destination-oriented elevators are altered, the same elements shall also be altered in all elevators that are programmed to respond to the same call console or group of call consoles and shall comply with the requirements of Section 11B-411 for the altered elements.
3. Elevators shall comply with 11B-407 Elevators and with ASME A17.1. They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic. When the only elevators provided for use by the public and employees are combination passenger and freight elevators, they shall comply with 11B-407 Elevators and with ASME A17.1. **§11B-407.1, §11B-407.1.1**
4. Where elevator call buttons or keypads are provided, they shall comply with 11B-407.2.1 Call Controls and 11B-309.4 Operation. **§11B-407.2.1**
5. Call buttons and keypads shall be located within one of the reach ranges specified in 11B-308 Reach Ranges, measured to the centerline of the highest operable part. **§11B-407.2.1.1**
6. Call buttons shall have square shoulders, be $\frac{3}{4}$ inch minimum in the smallest dimension and shall be raised $\frac{1}{8}$ inch plus or minus $\frac{1}{32}$ inch above the surrounding surface. The buttons shall be activated by a mechanical motion that is detectable. **§11B-407.2.1.2**
7. A clear floor or ground space complying with 11B-305 Clear Floor or Ground Surface shall be provided at call controls. **§11B-407.2.1.3**
8. Except for destination-oriented elevators, the call button that designates the up direction shall be located above the call button that designates the down direction. **§11B-407.2.1.4**
9. Except at destination-oriented elevators, visible signal fixtures shall be centered at 72 inches minimum above the finish floor or ground. The visible signal elements shall be a minimum $2\frac{1}{2}$ inches high by $2\frac{1}{2}$ inches wide. Signals shall be visible from the floor area adjacent to the hall call button. **§11B-407.2.2.2, Figure 11B-407.2.2.2**
10. Floor designations complying with 11B-703.2 Raised Characters and 11B-703.4.1 Height Above Finish Floor or Ground shall be provided on both jambs of elevator hoistway entrances. Floor designations shall be provided in both raised characters and Braille. Raised characters shall be 2 inches high. A raised star, placed to the left of the floor designation, shall be provided on both jambs at the main entry level. The outside diameter of the star shall be 2 inches and all points shall be of equal length. Raised characters, including the star, shall be white on a black background. Braille complying with Section 11B-703.3 Braille shall be placed below the corresponding raised characters and the star. The Braille translation for the star shall be "MAIN". Applied plates are acceptable if they are permanently fixed to the jamb. **§11B-407.2.3.1, Figure 11B-407.2.3.1**
11. Elevator doors shall be the horizontal sliding type. Car gates shall be prohibited. **§11B-407.3.1**
12. Elevator hoistway and car doors shall open and close automatically. **§11B-407.3.2 (See exception)**
13. The width of elevator doors shall comply with Table 11B-407.4.1. **§11B-407.3.6 (See exception)**
14. Inside dimensions of elevator cars and clear width of elevator doors shall comply with Table 11B-407.4.1. **§11B-407.4.1 (See exception)**

15. Floor surfaces in elevator cars shall comply with 11B-302 Floor or Ground Surfaces and 11B-303 Changes in Level. **§11B-407.4.2**
16. The clearance between the car platform sill and the edge of any hoistway landing shall be 1¼ inch maximum. **§11B-407.4.3**
17. Elevator car controls shall be located within one of the reach ranges specified in 11B-308 Reach Ranges. **§11B-407.4.6, See exceptions as applicable.**
18. Car control buttons with floor designations shall comply with the following:
 - a. Buttons shall have square shoulders, be 3/4 inch minimum in their smallest dimension and be raised 1/8 inch plus or minus 1/32 inch above the surrounding surface. **§11B-407.4.6.2.1**
 - b. Buttons shall be arranged with numbers in ascending order. When two or more columns of buttons are provided they shall read from left to right. **§11B-407.4.6.2.2**
 - c. Car control buttons shall be illuminated. **§11B-407.4.6.2.3**
 - d. Car control buttons shall be activated by a mechanical motion that is detectable. **§11B-407.4.6.2.4**
19. Emergency control buttons shall have their centerlines 35 inches minimum above the finish floor. **§11B-407.4.6.4.1**
20. Emergency controls, including the emergency alarm, shall be grouped at the bottom of the panel. **§11B-407.4.6.4.2**
21. Car control buttons shall comply with the following:
 - a. Control buttons shall be identified by raised characters or symbols, white on a black background, complying with 11B-703.2 Raised Characters and Braille complying with 11B-703.3 Braille. **§11B-407.4.7.1.1**
 - b. Raised characters or symbols and Braille designations shall be placed immediately to the left of the control button to which the designations apply. **§11B-407.4.7.1.2**
 - c. The control button for the emergency stop, alarm, door open, door close, main entry floor, and phone, shall be identified with raised symbols and Braille as shown in Table 11B-407.4.7.1.3. **§11B-407.4.7.1.3, Table 11B-407.4.7.1.3**
 - d. Buttons with floor designations shall be provided with visible indicators to show that a call has been registered. The visible indication shall extinguish when the car arrives at the designated floor. **§11B-407.4.7.1.4**
 - e. A minimum clear space of 3/8 inch or other suitable means of separation shall be provided between rows of control buttons. **§11B-407.4.7.1.5**
22. Keypads shall be identified by characters complying with 11B-703.5 Visual Characters and shall be centered on the corresponding keypad button. The number five key shall have a single raised dot. The dot shall be 0.118 inch to 0.120 inch base diameter and in other aspects comply with Table 11B-703.3.1. **§11B-407.4.7.2**
23. Audible and visible car position indicators shall be provided in elevator cars. Characters shall be ½ inch high minimum. Indicators shall be located above the car control panel or above the door. **§11B-407.4.8**
24. Emergency two-way communication systems shall comply with 11B-308 Reach Ranges. Raised symbols or characters, white on a black background, and Braille shall be provided adjacent to the device and shall comply with 11B-703.2 Raised Characters and 11B-703.3 Braille. Emergency two-way communication systems between the elevator and a point outside the hoistway shall comply with ASME A17.1. **§11B-407.4.9**
25. Support rails shall be provided on at least one wall of the car and shall comply with the following: **§11B-407.4.10**
 - a. Clearance between support rails and adjacent surfaces shall be 1½ inches minimum. Top of support rails shall be 31 inches minimum to 33 inches maximum above the floor of the car. The ends of the support rail shall be 6 inches maximum from adjacent walls. **§11B-407.4.10.1**
 - b. Support rails shall be smooth and any surface adjacent to them shall be free of sharp or abrasive elements. **§11B-407.4.10.2**

- c. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds is applied at any point on the support rail, fastener, mounting device, or supporting structure. **§11B-407.4.10.3**

LIMITED-USE/LIMITED-APPLICATION ELEVATORS

26. Limited-use/limited-application elevators shall comply with 11B-408 Limited-Use/Limited-Application Elevators and with ASME A17.1. They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic. **§11B-408.1**
27. Elevator call buttons and keypads shall comply with 11B-407.2.1 Call Controls. **§11B-408.2.1**
28. Hall signals shall comply with 11B-407.2.2 Hall Signals. **§11B-408.2.2**
29. Signs at elevator hoistways shall comply with 11B-407.2.3.1 Floor Designation. **§11B-408.2.3**
30. Sliding hoistway and car doors shall comply with 11B-407.3.1 through 11B-407.3.3 (Type, Operation, and Reopening Device) and 11B-408.4.1 Car Dimensions and Doors. **§11B-408.3.1**
31. Swinging hoistway doors shall open and close automatically and shall comply with 11B-404 Doors, Doorways, and Gates, 11B-407.3.2 Operation, and 11B-408.3.2 Swinging Doors. **§11B-408.3.2**
32. Swinging doors shall be power-operated and shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition). **§11B-408.3.2.1**
33. Elevator cars shall provide a clear width 42 inches minimum and a clear depth 54 inches minimum. Car doors shall be positioned at the narrow ends of cars and shall provide 32 inches minimum clear width. **§11B-408.4.1, Figure 11B-408.4.1 (See exception)**
34. Floor surfaces in elevator cars shall comply with 11B-302 Floor or Ground Surfaces and 11B-303 Changes in Level. **§11B-408.4.2**
35. The platform to hoistway clearance shall comply with 11B-407.4.3 Platform to Hoistway Clearance. **§11B-408.4.3**
36. Elevator car leveling shall comply with 11B-407.4.4 Leveling. **§11B-408.4.4**
37. Elevator car illumination shall comply with 11B-407.4.5 Illumination. **§11B-408.4.5**
38. Control panels shall be centered on a side wall. **§11B-408.4.6**
39. Designations and indicators of car controls shall comply with 11B-407.4.7 Designations and Indicators of Car Controls. **§11B-408.4.7**
40. Car emergency signaling devices complying with 11B-407.4.9 Emergency Communication shall be provided. **§11B-408.4.8**

PRIVATE RESIDENCE ELEVATORS

41. Private residence elevators that are provided within a residential dwelling unit required to provide mobility features complying with 11B-809.2 through 11B-809.4 (Accessible Routes, Kitchen, and Toilet Facilities and Bathing Facilities) shall comply with 11B-409 Private Residence Elevators and with ASME A17.1. They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic. **§11B-409.1**
42. Elevator car and hoistway doors and gates shall be power operated and shall comply with ANSI/BHMA A156.19. Power operated doors and gates shall remain open for 20 seconds minimum when activated. **§11B-409.3.1 (See exception)**
43. Elevator car doors or gates shall be positioned at the narrow end of the clear floor spaces required by 11B-409.4.1 Inside Dimensions of Elevator Cars. **§11B-409.3.2**
44. Elevator cars shall provide a clear floor space of 36 inches minimum by 48 inches minimum and shall comply with 11B-305 Clear Floor or Ground Space. **§11B-409.4.1**
45. The clearance between the car platform and the edge of any landing sill shall be 1½ inch maximum. **§11B-409.4.3**
46. Each car shall automatically stop at a floor landing within a tolerance of ½ inch under rated loading to zero loading

conditions. **§11B-409.4.4**

47. Control buttons shall be 3/4 inch minimum in their smallest dimension. **§11B-409.4.6.1**

48. Control panels shall be on a side wall, 12 inches minimum from any adjacent wall. **§11B-409.4.6.2**

PLATFORM LIFTS

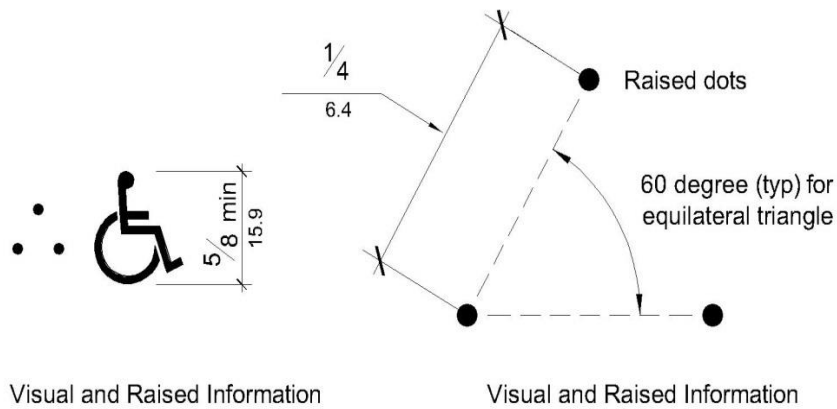
49. Platform lifts shall comply with 11B-410 Platform Lifts. Platform lifts shall be permitted as a component of an accessible route in an existing building or facility or in new construction as follows: **§11B-206.7**
- a. Platform lifts shall be permitted to provide accessible routes to performance areas and speakers' platforms. **§11B-206.7.1**
 - b. Platform lifts shall be permitted to provide an accessible route to comply with the wheelchair space dispersion and line-of-sight requirements of 11B-221 Assembly Areas and 11B-802 Wheelchair Spaces, Companion Seats, Designated Aisle Seats and Semi-Ambulant Seats. **§11B-206.7.2**
 - c. Platform lifts shall be permitted to provide an accessible route to incidental spaces which are not public use spaces and which are occupied by five persons maximum. **§11B-206.7.3**
 - d. Platform lifts shall be permitted to provide an accessible route to: jury boxes and witness stands; raised courtroom stations including, judges' benches, clerks' stations, bailiffs' stations, deputy clerks' stations, and court reporters' stations; and to depressed areas such as the well of a court. **§11B-206.7.4**
 - e. Platform lifts shall be permitted where existing exterior site constraints make use of a ramp or elevator infeasible. **§11B-206.7.5**
 - f. Platform lifts shall be permitted to connect levels within transient lodging guest rooms required to provide mobility features complying with 11B-806.2 Guest Rooms with Mobility Features or residential dwelling units required to provide mobility features complying with 11B-809.2 through 11B-809.4 and adaptable features complying with Chapter 11A, Division IV. **§11B-206.7.6**
 - g. Platform lifts shall be permitted to provide accessible routes to load and unload areas serving amusement rides. **§11B-206.7.7**
 - h. Platform lifts shall be permitted to provide accessible routes to play components or soft contained play structures. **§11B-206.7.8**
 - i. Platform lifts shall be permitted to provide accessible routes to team or player seating areas serving areas of sport activity. **§11B-206.7.9**
50. For recreational boating facilities and fishing piers and platforms, platform lifts shall be permitted to be used instead of gangways that are part of accessible routes serving recreational boating facilities and fishing piers and platforms. **§11B-206.7.10**
51. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift. **§11B-410.1**
52. Floor surfaces in platform lifts shall comply with 11B-302 Floor or Ground Surfaces and 11B-303 Changes in Level. **§11B-410.2**
53. Clear floor space in platform lifts shall comply with 11B-305 Clear Floor or Ground Space. **§11B-410.3**
54. The clearance between the platform sill and the edge of any runway landing shall be 1¼ inch maximum. **§11B-410.4**
55. Controls for platform lifts shall comply with 11B-309 Operable Parts. **§11B-410.5**
56. Platform lifts shall have low-energy power-operated doors or gates complying with 11B-404.3 Automatic and Power-Assisted Doors and Gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32 inches minimum. Side doors and gates shall provide a clear width 42 inches minimum. **§11B-410.6, Figure 11B-410.6 (See exception)**

57. The minimum size of landings at platform lifts shall be 60 inches by 60 inches. **§11B-410.7**
58. A sign complying with 11B-703.5 Visual Characters shall be posted in a conspicuous place at each landing and within the platform enclosure stating “No Freight” and include the International Symbol of Accessibility complying with 11B-703.7.2.1 International Symbol of Accessibility. **§11B-410.8**
59. Destination-oriented elevators shall comply with Section 11B-411 and with ASME A17.1. They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic. **§11B-411.1**
- a. In facilities served by destination-oriented elevator systems, floor designations shall be numeric characters only. Floor designations shall be “one” (1) or “zero” (0) at the main entry level and shall increase by one for each successive higher story or level. The initial floor below the main entry level shall be designated “minus one” (-1) and the designation for each successive lower story or level shall decrease by one. Stories or levels shall not be designated by alphabetic characters. **(See exceptions)**
 - b. Elevator cars shall be designated with a single alphabetic character. **(See exception)**
60. Elevator landing requirements need to comply with the following: **§11B-411.2.1-§11B-411.2.2**
- a. Hall consoles including: location, keypads, touch screen, accessibility, function button, display screen, audio output, arrangement, additional features, button requirements, identification of floors served, elevator car assignment.
 - b. Elevator car identification at car landings including: visible identification, verbal identification, signs on jambs of elevator hoistway entrances (floor designation signs and car designation signs).
61. Elevator door requirements need to comply with: type, operation, reopening device, height, contact, duration, door delay, width. **§11B-411.3**
62. Elevator car requirements need to comply with: **§11B-411.4**
- a. Car dimensions
 - b. Floor surfaces
 - c. Platform to hoistway clearance
 - d. Leveling
 - e. Illumination
 - f. Elevator car controls
 - g. Designations and indicators of car control buttons
 - h. Car position indicators
 - i. Emergency communication
 - j. Support rail
 - k. Floor destination indicators

**TABLE 11B-407.4.1
ELEVATOR CAR DIMENSIONS**

DOOR LOCATION	MINIMUM DIMENSIONS			
	Door clear width	Inside car, side to side	Inside car, back wall to front return	Inside car, back wall to inside face of door
Centered	42 inches (1067 mm)	80 inches (2032 mm)	51 inches (1295 mm)	54 inches (1372 mm)
Side (off-centered)	36 inches (914 mm) ¹	68 inches (1727 mm)	51 inches (1295 mm)	54 inches (1372 mm)
Any	36 inches (914 mm) ¹	54 inches (1372 mm)	80 inches (2032 mm)	80 inches (2032 mm)
Any	36 inches (914 mm) ²	60 inches (1524 mm) ²	60 inches (1524 mm) ²	60 inches (1524 mm) ²

1. A tolerance of minus $\frac{3}{8}$ inch (15.9 mm) is permitted.
2. Other car configurations that provide a turning space complying with Section 11B-304 with the door closed shall be permitted.



**Figure 11B-411.2.1.2.3
Destination-Oriented Elevator Accessibility Function Button Indication**

Control Button	Raised Symbol	Braille Message
Emergency Stop		 *ST*OP Three Cells
Alarm		 AL*AR*M Four Cells
Door Open		 OP*EN* Three Cells
Door Close		 CLOSE Five Cells
Main Entry Floor		 MA*IN* Three Cells
Phone		 PH*ONE* Four Cells

**TABLE 11B-407.4.7.1.3
ELEVATOR CONTROL BUTTON IDENTIFICATION**

I. SIGNS

1. Except building directories, menus, seat and row designations in assembly areas, occupant names, building addresses, and company names and logos, new or altered signs shall be provided in accordance with 11B-216 Signs and shall comply with 11B-703 Signs. The addition of or replacement of signs shall not trigger any additional path of travel requirements. **§11B-216.1**
2. In parking facilities, signs provided solely for the operation of vehicles shall not be required to comply with 11B-216.2 Designations, 11B-216.3 Directional and Informational Signs, and 11B-216.6 through 11B-216.12.
3. Temporary, 7 days or less, signs shall not be required to comply with 11B-216 Signs.
4. In detention and correctional facilities, signs not located in public use areas shall not be required to comply with 11B-216 Signs.
5. Interior and exterior signs identifying permanent rooms and spaces shall comply with 11B-703.1 General, 11B-703.2 Raised Characters, 11B-703.3 Braille and 11B-703.5 Visual Characters. Where pictograms are provided as designations of permanent interior rooms and spaces, the pictograms shall comply with 11B-703.6 Pictograms and shall have text descriptors complying with 11B-703.2 and 11B-703.5. **§11B-216.2 (See exception)**
6. Signs that provide direction to or information about interior and exterior spaces and facilities of the site shall comply with 11B-703.5 Visual Characters. **§11B-216.3**
7. Signs for means of egress shall comply with 11B-216.4 Means of Egress:
 - a. Signs required by Chapter 10, Section 1011.4 at doors to Doors at exit passageways, exit discharge, and exit stairways shall be identified by tactile signs complying with 11B-703.1 General, 11B-703.2 Raised Characters, 11B-703.3 Braille and 11B-703.5 Visual Characters. **§11B-216.4.1**
 - b. Signs required by section 1003.2.13.5.4 of the International Building Code (2000 edition) or section 1007.6.4 of the International Building Code (2003 edition) (incorporated by reference, see “Referenced Standards” in Chapter 1) Chapter 10, Section 1007.11 to provide instructions in areas of refuge shall comply with 11B-703.5 Visual Characters. Signs required by Chapter 10, Section 1007.9 at doors to areas of refuge and exterior areas for assisted rescue shall comply with 11B-703.1 General, 11B-703.2 Raised Characters, 11B-703.3 Braille and 11B-703.5 Visual Characters and include an International Symbol of Accessibility (ISA) complying with 11B-703.7.2.1 ISA. **§11B-216.4.2**
 - c. Signs required by section 1003.2.13.6 of the International Building Code (2000 edition) or section 1007.7 of the International Building Code (2003 edition) (incorporated by reference, see “Referenced Standards” in Chapter 1) Chapter 10, Section 1007.10 to provide directions to accessible means of egress shall comply with 11B-703.5 Visual Characters. **§11B-216.4.3**
 - d. Signs required by Chapter 10, Section 1008.1.9.7, item 5.1 at doors with delayed egress locks shall comply with 11B-703.1 General, 11B-703.2 Raised Characters, 11B-703.3 Braille and 11B-703.5 Visual Characters. **§11B-216.4.4**
8. Signs identifying parking spaces and signs within parking facilities shall comply with Section 11B-216.5. **§11B-216.5**
9. In residential facilities, where parking spaces are assigned to specific residential dwelling units, identification of accessible parking spaces shall not be required. **§11B-216.5.1.Exception 2**

10. In existing buildings and facilities where not all entrances comply with 11B-404 Doors, Doorways, and Gates, compliant entrances shall be identified by the International Symbol of Accessibility (ISA) complying with 11B-703.7.2.1 ISA. Directional signs complying with 11B-703.5 Visual Characters that indicate the location of the nearest entrance complying with 11B-404 shall be provided at entrances that do not comply with 11B-404 Doors, Doorways, and Gates. Directional signs complying with 11B-703.5 Visual Characters, including the ISA complying with 11B-703.7.2.1 ISA, indicating the accessible route to the nearest accessible entrance shall be provided at junctions when the accessible route diverges from the regular circulation path. **§11B-216.6 (See exceptions)**
11. Where existing elevators do not comply with 11B-407 Elevators, compliant elevators shall be clearly identified with the International Symbol of Accessibility (ISA) complying with 11B-703.7.2.1 ISA. Existing buildings that have been remodeled to provide specific elevators for public use that comply with these building standards shall have the location of and the directions to these elevators posted in the building lobby on a sign complying with 11B-703.5 Visual Characters, including the ISA complying with 11B-703.7.2.1 ISA. **§11B-216.7**
12. Doorways leading to toilet rooms and bathing rooms complying with 11B-603 Toilet and Bathing Rooms shall be identified by a geometric symbol complying with 11B-703.7.2.6 Toilet and Bathing Room Geometric Symbols. Where existing toilet rooms or bathing rooms do not comply with 11B-603 Toilet and Bathing Rooms, directional signs indicating the location of the nearest compliant toilet room or bathing room within the facility shall be provided. Signs shall comply with 11B-703.5 Visual Characters and shall include the International Symbol of Accessibility (ISA) complying with 11B-703.7.2.1 ISA. **§11B-216.8**
13. Where existing toilet rooms or bathing rooms do not comply with 11B-603 Toilet and Bathing Rooms, the toilet rooms or bathing rooms complying with Section 11B-603, shall be identified by the International Symbol of Accessibility complying with Section 11B-703.7.2.1 ISA. **11B-216.8**
14. Where clustered single user toilet rooms or bathing facilities are permitted to use exceptions to 11B-213.2 Toilet and Bathing Rooms, toilet rooms or bathing facilities complying with 11B-603 Toilet and Bathing Rooms shall be identified by the International Symbol of Accessibility (ISA) complying with 11B-703.7.2.1 ISA unless all toilet rooms and bathing facilities comply with 11B-603 Toilet and Bathing Rooms. **§11B-216.8**
15. Existing buildings that have been remodeled to provide specific toilet rooms or bathing rooms for public use that comply with these building standards shall have the location of and the directions to these rooms posted in or near the building lobby or entrance on a sign complying with 11B-703.5 Visual Characters, including the International Symbol of Accessibility (ISA) complying with 11B-703.7.2.1 ISA. **§11B-216.8**
16. Identification and directional signs for public TTYs shall be provided in accordance with 11B-216.9 TTYs. **§11B-216.9**
 - a. Public TTYs shall be identified by the International Symbol of TTY complying with 11B-703.7.2.2 International Symbol of TTY. **§11B-216.9.1**
 - b. Directional signs indicating the location of the nearest public TTY shall be provided at all banks of public pay telephones not containing a public TTY. In addition, where signs provide direction to public pay telephones, they shall also provide direction to public TTYs. If a facility has no banks of telephones, the directional signage shall be provided at the entrance or in a building directory. Directional signs shall comply with 11B-703.5 and shall include the International Symbol of TTY complying with 11B-703.7.2.2. **§11B-216.9.2**
17. Each assembly area required by 11B-219 Assistive Listening Systems to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. The sign shall include wording that states “Assistive-Listening System Available” and shall be posted in a prominent place at or near the assembly area entrance. Assistive listening signs shall comply with 11B-703.5 Visual Characters and shall include

the International Symbol of Access for Hearing Loss complying with 11B-703.7.2.4 Assistive Listening Systems. **§11B-216.10 (See exception)**

18. Where more than one check-out aisle is provided, check-out aisles complying with 11B-904.3 Check-Out Aisles shall be identified by a sign complying with 11B-904.3.4 Identification Sign. Where check-out aisles are identified by numbers, letters, or functions, signs identifying check-out aisles complying with 11B-904.3 Check-Out Aisles shall be located in the same location as the check-out aisle identification. **§11B-216.11 (See exception)**
19. Signs identifying the type of access provided on amusement rides shall be provided at entries to queues and waiting lines. In addition, where accessible unload areas also serve as accessible load areas, signs indicating the location of the accessible load and unload areas shall be provided at entries to queues and waiting lines. Signs shall comply with 11B-703.5 Visual Characters and shall include the International Symbol of Accessibility complying with 11B-703.7.2.1 ISA. **§11B-216.12**
20. Where Cleaner Air Symbols are provided, they shall comply with 11B-216.13 Cleaner Air Symbol.
21. Where provided in transportation facilities, variable message signs conveying transportation-related information shall comply with Section 11B-703.8. Where provided in buildings that are designed as emergency shelters, variable message signs conveying emergency related information shall comply with Section 11B-703.8. **§11B-216.14**
22. Signs shall comply with 11B-703 Signs. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. **§11B-703.1**
 - a. Signs as specified in Section 11B-703 Signs, or in other sections of this code, when included in the construction of new buildings or facilities, or when included, altered or replaced due to additions, alterations or renovations to existing buildings or facilities, and when a permit is required, shall comply with 11B-703.1.1.1 Plan Review and 11B-703.1.1.2 Inspection. **§11B-703.1.1**
 - b. Plans, specifications or other information indicating compliance with these regulations shall be submitted to the enforcing agency for review and approval. **§11B-703.1.1.1**
 - c. Signs and identification devices shall be field inspected after installation and approved by the enforcing agency prior to the issuance of a final certificate of occupancy per Chapter 1, Division II, Section 111, or final approval where no certificate of occupancy is issued. The inspection shall include, but not be limited to, verification that Braille dots and cells are properly spaced and the size, proportion and type of raised characters are in compliance with these regulations. **§11B-703.1.1.2**
23. Raised characters shall comply with 11B-703.2 Raised Characters and shall be duplicated in Braille complying with 11B-703.3 Braille. Raised characters shall be installed in accordance with 11B-703.4 Installation Height and Location. **§11B-703.2**
 - a. Raised characters shall be 1/32 inch minimum above their background. **§11B-703.2.1**
 - b. Characters shall be uppercase. **§11B-703.2.2**
 - c. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. **§11B-703.2.3**
 - d. Characters shall be selected from fonts where the width of the uppercase letter "O" is 60 percent minimum and 110 percent maximum of the height of the uppercase letter "I". **§11B-703.2.4**
 - e. Character height measured vertically from the baseline of the character shall be 5/8 inch minimum and 2 inches maximum based on the height of the uppercase letter "I". **§11B-703.2.5**

- f. Stroke thickness of the uppercase letter “l” shall be 15 percent maximum of the height of the character. **§11B-703.2.6**
 - g. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8 inch minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 1/16 inch minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch minimum and 4 times the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8 inch minimum. **§11B-703.2.7**
 - h. Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height. **§11B-703.2.8**
 - i. Text shall be in a horizontal format. **§11B-703.2.9**
24. Braille shall be contracted (Grade 2) and shall comply with 11B-703.3 Braille and 11B-703.4 Installation Height and Location. **§11B-703.3**
- a. Braille dots shall have a domed or rounded shape and shall comply with Table 11B-703.3.1. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and acronyms. **§11B-703.3.1**
 - b. Braille shall be positioned below the corresponding text in a horizontal format, flush left or centered. If text is multi-lined, Braille shall be placed below the entire text. Braille shall be separated 3/8 inch minimum and 1/2 inch maximum from any other tactile characters and 3/8 inch minimum from raised borders and decorative elements. **§11B-703.3.2 (See exception)**
25. Signs with tactile characters shall comply with 11B-703.4 Installation Height and Location. **§11B-703.4**
- a. Tactile characters on signs shall be located 48 inches minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character Braille cells and 60 inches maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character line of raised characters. **§11B-703.4.1 (See exception)**
 - b. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches minimum by 18 inches minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. Where provided, signs identifying permanent rooms and spaces shall be located at the entrance to, and outside of the room or space. Where provided, signs identifying exits shall be located at the exit door when approached in the direction of egress travel. **§11B-703.4.2 (with exception)**
26. Visual characters shall comply with the following, except where visual characters comply with 11B-703.2 Raised Characters and are accompanied by Braille complying with 11B-703.3 Braille, they shall not be required to comply with 11B-703.5.2 through 11B-703.5.6, 11B-703.5.8 and 11B-703.5.9:
- a. Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background. **§11B-703.5.1**

- b. Characters shall be uppercase or lowercase or a combination of both. **§11B-703.5.2**
- c. Characters shall be conventional in form. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. **§11B-703.5.3**
- d. Characters shall be selected from fonts where the width of the uppercase letter “O” is 60 percent minimum and 110 percent maximum of the height of the uppercase letter “I”. **§11B-703.5.4**
- e. Minimum character height shall comply with Table 11B-703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter “I”. **§11B-703.5.5 (See exception)**
- f. Visual characters shall be 40 inches minimum above the finish floor or ground. **§11B-703.5.6 (See exceptions)**
- g. Stroke thickness of the uppercase letter “I” shall be 10 percent minimum and 20 percent maximum of the height of the character. **§11B-703.5.7**
- h. Character spacing shall be measured between the two closest points of adjacent characters, excluding word spaces. Spacing between individual characters shall be 10 percent minimum and 35 percent maximum of character height. **§11B-703.5.8**
- i. Spacing between the baselines of separate lines of characters within a message shall be 135 percent minimum and 170 percent maximum of the character height. **§11B-703.5.9**
- j. Text shall be in a horizontal format. **§11B-703.5.10**

27. Pictograms shall comply with the following:

- a. Pictograms shall have a field height of 6 inches minimum. Characters and Braille shall not be located in the pictogram field. **§11B-703.6.1**
- b. Pictograms and their field shall have a non-glare finish. Pictograms shall contrast with their field with either a light pictogram on a dark field or a dark pictogram on a light field. **§11B-703.6.2**
- c. Pictograms shall have text descriptors located directly below the pictogram field. Text descriptors shall comply with 11B-703.2 Raised Characters, 11B-703.3 Braille and 11B-703.4 Installation Height and Location. **§11B-703.6.3**

28. Symbols of accessibility and their background shall have a non-glare finish. Symbols of accessibility shall contrast with their background with either a light symbol on a dark background or a dark symbol on a light background. **§11B-703.7.1**

29. Symbols shall comply with the following:

- a. The International Symbol of Accessibility shall comply with Figure 11B-703.7.2.1 ISA. The symbol shall consist of a white figure on a blue background. The color blue shall approximate FS 15090 in Federal Standard 595C. **§11B-703.7.2.1 (See exceptions)**
 - 1. The appropriate enforcement agency may approve other colors provided the symbol contrast is light on dark or dark on light.
 - 2. On the accessibility function button on hall call consoles in a destination-oriented elevator system the International Symbol of Accessibility shall be a white symbol on a black background.
- a. The International Symbol of TTY shall comply with Figure 11B-703.7.2.2.

- b. Telephones with a volume control shall be identified by a pictogram of a telephone handset with radiating sound waves on a square field such as shown in Figure 11B-703.7.2.3.
- c. Assistive listening systems shall be identified by the International Symbol of Access for Hearing Loss complying with Figure 11B-703.7.2.4.
- d. Rooms, facilities and paths of travel that are accessible to and usable by people who are adversely impacted by airborne chemicals or particulate(s) and/or the use of electrical fixtures and/or devices shall be identified by the Cleaner Air Symbol complying with Figure 11B-703.7.2.5. This symbol is to be used strictly for publicly funded facilities or any facilities leased or rented by state of California, not concessionaires.
- e. The symbol, which shall include the text “Cleaner Air” as shown, shall be displayed either as a negative or positive image within a square that is a minimum of 6 inches on each side. The symbol may be shown in black and white or in color. When color is used, it shall be Federal Blue (Color No. 15090 Federal Standard 595B) on white, or white on Federal Blue. There shall be at least a 70-percent color contrast between the background of the sign from the surface that it is mounted on. **§11B-703.7.2.5**
- f. Doorways leading to toilet rooms and bathing rooms shall be identified by a geometric symbol complying with 11B-703.7.2.6 Toilet and Bathing Facilities Geometric Symbols. The symbol shall be mounted at 58 inches minimum and 60 inches maximum above the finish floor or ground surface measured from the centerline of the symbol. Where a door is provided the symbol shall be mounted within 1 inch of the vertical centerline of the door. **§11B-703.7.2.6 (See exception)**
- g. Men’s toilet and bathing facilities shall be identified by an equilateral triangle, ¼ inch thick with edges 12 inches long and a vertex pointing upward. The triangle symbol shall contrast with the door, either light on a dark background or dark on a light background. **§11B-703.7.2.6.1**
- h. Women’s toilet and bathing facilities shall be identified by a circle, ¼ inch thick and 12 inches in diameter. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background. **§11B-703.7.2.6.2**
- i. Unisex toilet and bathing facilities shall be identified by a circle, ¼ inch thick and 12 inches in diameter with a ¼ inch thick triangle with a vertex pointing upward superimposed on the circle and within the 12-inch diameter. The triangle symbol shall contrast with the circle symbol, either light on a dark background or dark on a light background. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background. **§11B-703.7.2.6.3**
- j. Edges of signs shall be rounded, chamfered or eased. Corners of signs shall have a minimum radius of ⅛ inch. **§11B-703.7.2.6.4**
- k. Pole-supported pedestrian traffic-control buttons shall be identified with color coding consisting of a textured horizontal yellow band 2 inches in width encircling the pole, and a 1-inch-wide dark border band above and below this yellow band. Color coding shall be placed immediately above the control button. Control buttons shall be located no higher than 48 inches above the ground surface adjacent to the pole. **§11B-703.7.2**

**TABLE 11B-703.5.5
VISUAL CHARACTER HEIGHT**

HEIGHT TO FINISH FLOOR OR GROUND FROM BASELINE OF CHARACTER	HORIZONTAL VIEWING DISTANCE	MINIMUM CHARACTER HEIGHT
40 inches (1016 mm) to less than or equal to 70 inches (1778 mm)	less than 72 inches (1829 mm)	$\frac{5}{8}$ inch (15.9 mm)
	72 inches (1829 mm) and greater	$\frac{5}{8}$ inch (15.9 mm), plus $\frac{1}{8}$ inch (3.2 mm) per foot (305 mm) of viewing distance above 72 inches (1829 mm)
Greater than 70 inches (1778 mm) to less than or equal to 120 inches (3048 mm)	less than 180 inches (4572 mm)	2 inches (51 mm)
	180 inches (4572 mm) and greater	2 inches (51 mm), plus $\frac{1}{8}$ inch (3.2 mm) per foot (305 mm) of viewing distance above 180 inches (4572 mm)
greater than 120 inches (3048 mm)	less than 21 feet (6401 mm)	3 inches (76 mm)
	21 feet (6401 mm) and greater	3 inches (76 mm), plus $\frac{1}{8}$ inch (3.2 mm) per foot (305 mm) of viewing distance above 21 feet (6401 mm)

J. RESTAURANTS, CAFETERIAS, BANQUET FACILITIES, BARS, PERFORMANCE AREAS, PRESS BOXES, EMPLOYEE AREAS

1. Within a site. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. **§11B-206.2.2**
2. Entrances shall be provided in accordance with *Section 11B-206.4*. Entrance doors, doorways, and gates shall comply with *Section 11B-404* and shall be on an accessible route complying with *Section 11B-402*. **§11B-206.4**
3. Toilet rooms and bathing rooms. Where toilet rooms are provided, each toilet room shall comply with *Section 11B-603*. Where bathing rooms are provided, each bathing room shall comply with *Section 11B-603*. **§11B-213.2**
4. Scope. All areas of newly designed and newly constructed buildings and facilities and altered portions of existing buildings and facilities shall comply with these requirements. **§11B-201.1**
5. In restaurants, cafeterias, banquet facilities, bars, and similar facilities, an accessible route shall be provided to all functional areas, including raised or sunken areas, and outdoor areas. **§11B-206.2.5**
6. Where a circulation path directly connects a performance area to an assembly seating area, an accessible route shall directly connect the assembly seating area with the performance area. An accessible route shall be provided from performance areas to ancillary areas or facilities used by performers unless exempted by 11B-206.2.3 Multi-Story Buildings and Facilities, (See exceptions 1 through 7). **§11B-206.2.6**
7. Press boxes in assembly areas shall be on an accessible route. **§11B-206.2.7 (See exceptions)**
8. Common use circulation paths within employee work areas shall comply with 11B-402 Accessible Routes. **§11B-206.2.8 (See exceptions)**
9. At dining and work surfaces required to be accessible, knee clearance shall be provided that is 30 inches in width at 27 inches above the finish floor or ground for a depth of at least 19 inches. **§11B-306.3**

DINING SURFACES, WORK SURFACES AND WET BAR

10. Dining surfaces and work surfaces shall comply with 11B-902.2 and 11B-902.3. **§11B-902.1**
11. A clear floor space complying with 11B-305 positioned for a forward approach shall be provided. Knee and toe clearance complying with 11B-306 shall be provided. **§11B-902.2**
12. The tops of dining surfaces and work surfaces shall be 28 inches minimum and 34 inches maximum above the finish floor or ground. **§11B-902.3**
13. Accessible dining surfaces and work surfaces for children’s use shall comply with 11B-902.4. **§11B-902.4 (See exception)**

14. Where dining surfaces are provided for the consumption of food or drink, at least 5 percent of the seating spaces and standing spaces at the dining surfaces shall comply with 11B-902. In addition, where work surfaces are provided for use by other than employees, at least 5 percent shall comply with 11B-902. **§11B-226.1 (See exceptions)**
15. Dining surfaces and work surfaces required to comply with 11B-902 shall be dispersed throughout the space or facility containing dining surfaces and work surfaces for each type of seating in a functional area. Work surfaces required to comply with 11B-902 shall be dispersed throughout the space or facility containing work surfaces. **§11B-226.2**
16. Where food or drink is served for consumption at a counter exceeding 34 inches in height, a portion of the main counter 60 inches minimum in length shall be provided in compliance with 11B-902.3. **§11B-226.3**
17. Food service lines shall comply with 11B-904.5. Where self-service shelves are provided, at least 50 percent, but no fewer than one, of each type provided shall comply with 11B-308. **§11B-227.4**
18. Queues and waiting lines servicing counters or check-out aisles required to comply with 11B-904.3 or 11B-904.4 shall comply with 11B-403. **§11B-227.5**
19. Counters in food service lines shall comply with 11B-904.5. **§11B-904.5**
 - a. Self-service shelves and dispensing devices for tableware, dishware, condiments, food and beverages shall comply with 11B-308. **§11B-904.5.1**
 - b. The tops of tray slides shall be 28 inches minimum and 34 inches maximum above the finish floor or ground. **§11B-904.5.2**
20. Sales counters and service counters shall comply with Section 11B-904.4.1 or 11B-904.4.2. The accessible portion of the counter top shall extend the same depth as the sales or service counter top. **§11B-904.4 (See exception)**
 - a. A portion of the counter surface that is 36 inches long minimum and 34 inches high maximum above the finish floor shall be provided. A clear floor or ground space complying with 11B-305 shall be positioned for a parallel approach adjacent to the 36 inch minimum length of counter. **§11B-904.4.1 (See exception)** or
 - b. A portion of the counter surface that is 36 inches long minimum and 34 inches high maximum shall be provided. Knee and toe space complying with 11B-306 shall be provided under the counter. A clear floor or ground space complying with 11B-305 shall be positioned for a forward approach to the counter. **§11B-904.4.2**

K. B and M OCCUPANCY

DRESSING, FITTING, AND LOCKER ROOMS

30. Where dressing rooms, fitting rooms, or locker rooms are provided, at least 5 percent, but no fewer than one, of each type of use in each cluster provided shall comply with the following: **§11B-222.1 and §11B-803**
 - a. A 60 inch diameter circular turning space or a t-shaped turning space complying with 11B-304.3.2 T-Shaped Spaces shall be provided within the room.
 - b. Doors shall not swing into the room unless a turning space is provided beyond the arc of the door swing.
 - c. A bench complying with 11B-903 Benches shall be provided within the room. The bench seat shall be 48 inch minimum long, 20 to 24 inch deep, and a clear floor space complying with 11B-305 Clear Floor or Ground Space shall be provided at the end of the bench seat and parallel to the short axis of the bench. The bench shall provide for back support or shall be affixed to a wall along its long dimension. The top of the bench seat shall be 17 to 19 inches above the finish floor. Benches shall be affixed to the wall or floor. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds is applied at any point on the seat, fastener, mounting device, or supporting structure.

- d. Coat hooks shall be no higher than 48 inches from the floor and shall not be located above the bench or other seating in the room.
- e. Shelves shall be 40 inches minimum and 48 inches maximum above the finish floor or ground.
- f. Full-length mirrors, at least 18 inches wide by 54 inches high, shall be installed with the bottom edge of the reflecting surface 20 inches maximum above the finish floor. Mirrors shall be mounted in a position affording a view to a person on the bench as well as to a person in a standing position.

BENCHES

- 31. Clear floor or ground space complying with 11B-305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench. **§11B-903.2**
- 32. Benches shall have seats that are 48 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. **§11B-903.3**
- 33. The bench shall provide for back support or shall be affixed to a wall along its long dimension. Back support shall be 48 inches long minimum and shall extend from a point 2 inches maximum above the seat surface to a point 18 inches minimum above the seat surface. Back support shall be 2½ inches maximum from the rear edge of the seat measured horizontally. **§11B-903.4**
- 34. The top of the bench seat surface shall be 17 inches minimum and 19 inches maximum above the finish floor or ground. **§11B-903.5**
- 35. Benches shall be affixed to the wall or floor. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds is applied at any point on the seat, fastener, mounting device, or supporting structure. **§11B-903.6**
- 36. Where installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. **§11B-903.7**

CHECK-OUT AISLES AND SALES AND SERVICE COUNTERS

- 37. Where provided, check-out aisles, sales counters, service counters, food service lines, queues, and waiting lines shall comply with 11B-227 and 11B-904. **§11B-227.1**
- 38. Where check-out aisles are provided, check-out aisles complying with 11B-904.3 shall be provided in accordance with Table 11B-227.2. Where check-out aisles serve different functions, check-out aisles complying with 11B-904.3 shall be provided in accordance with Table 11B-227.2 for each function. Where check-out aisles are dispersed throughout the building or facility, check-out aisles complying with 11B-904.3 shall be dispersed. When not all check-out aisles are accessible, accessible check-out aisles shall be identified by a sign complying with 11B-904.3.4. **§11B-227.2 (See exception)**
- 39. Per **§11B-227.2**, provide a note on plans: “Operational procedures are often necessary to ensure the Americans with Disabilities Act accessibility requirements are met. When check-out aisles are open for customer use, the business should ensure that a minimum of one accessible check-out aisle is always available for use by persons with disabilities. As check-out aisles are opened and closed based on fluctuating customer levels, the business should ensure that the number of accessible check-out aisles available complies with Table 11B-227.2.”
- 40. Where check-out aisles are altered, at least one of each check-out aisle serving each function shall comply with 11B-904.3 until the number of check-out aisles complies with 11B-227.2. **§11B-227.2.1**
- 41. All portions of counters required to comply with 11B-904 shall be located adjacent to a walking surface complying with 11B-403. **§11B-904.2**
- 42. Check-out aisles shall comply with the following:
 - a. Aisles shall comply with 11B-403. **§11B-904.3.1**

- b. The counter surface height shall be 38 inches maximum above the finish floor or ground. The top of the counter edge protection shall be 2 inches maximum above the top of the counter surface on the aisle side of the check-out counter. **§11B-904.3.2**
 - c. Where provided, check writing surfaces shall comply with 11B-902.3. **§11B-904.3.3**
 - d. When not all check-out aisles are accessible, accessible check-out aisles shall be identified by a sign clearly visible to a person in a wheelchair displaying the International Symbol of Accessibility complying with 11B-703.7.2.1. The sign shall be a minimum of 4 inches by 4 inches. **§11B-904.3.4**
39. Sales counters and service counters shall comply with either of the following and the accessible portion of the counter top shall extend the same depth as the sales or service counter top. **§11B-904.4 (See exception)**
- a. A portion of the counter surface that is 36 inches long minimum and 34 inches high maximum above the finish floor shall be provided. A clear floor or ground space complying with 11B-305 shall be positioned for a parallel approach adjacent to the 36 inch minimum length of counter. **§11B-904.4.1 (See exception) or**
 - b. A portion of the counter surface that is 36 inches long minimum and 34 inches high maximum shall be provided. Knee and toe space complying with 11B-306 shall be provided under the counter. A clear floor or ground space complying with 11B-305 shall be positioned for a forward approach to the counter. **§11B-904.4.2**
40. Where provided, at least one of each type of sales counter and service counter shall comply with 11B-904.4. Where counters are dispersed throughout the building or facility, counters complying with 11B-904.4 also shall be dispersed. **§11B-227.3**
41. Queues and waiting lines servicing counters or check-out aisles required to comply with 11B-904.3 or 11B-904.4 shall comply with 11B-403. **§11B-227.5**
42. Where counters or teller windows have security glazing to separate personnel from the public, a method to facilitate voice communication shall be provided. Telephone handset devices, if provided, shall comply with 11B-704.3. **§11B-904.6**

L. EV CHARGING STATIONS

- 1. Show new EVCS installed are in compliance with Section 11B-812.
- 2. Alterations to existing EVCS shall comply with current access requirements. **§11B-228.3**
- 3. Revise the plans and parking summary to provide a minimum of _____ van accessible, _____ standard accessible and _____ ambulatory EV spaces. **Table 11B-228.3.2.1**
- 4. The required number and type of compliant EVCS spaces shall be based on the proposed total of both existing and new EV spaces. **§11B-228.3.2.1**
- 5. Where EV spaces are provided in more than one parking facility on a site, the number and type of complying EV spaces shall be calculated and provided separately for each parking facility. **§11B-228.3.2**
- 6. Fully dimension and detail all Drive-up EVCS to show compliance with the current access requirements. **§11B-812 & 11B-812.6.4**
- 7. Provide sitework or topography plans with point elevations sufficient to show the proposed finished surface slopes and cross-slopes of all EV spaces, access aisles, and accessible routes. Access aisles shall be level with the EV space served, and slopes/cross-slopes shall not exceed 1:48. **§11B-302**
- 8. Relocate the detectable warnings shown on the plans to be outside the minimum required area of all EV spaces and access aisles. **§11B-302**

9. Provide building sections and dimension the actual vertical clearances along the full length of the vehicle spaces, access aisles and vehicular routes serving the EVCS. A minimum vertical clearance of 98 inches shall be maintained under all vertical obstructions, including cable management systems. **§11B-812.4**

ACCESSIBLE ROUTES & ACCESS AISLES

10. Show locations of all EV spaces and accessible routes on the site plan. Compliant EV spaces shall be located on an accessible route to an accessible building entrance. **§11B-206.4 & 11B-812.5**
11. Provide and clearly identify the accessible route on the plans between each EV space and the EV charger which serves the space. **§11B-402 & 11B-812.5**
12. Provide curbs, wheel stops, bollards, or other barriers to prevent encroachment of vehicle over the required clear width of accessible routes. **§11B-812.5.3**
13. Relocate the EVCS accessible spaces and access aisles so that persons using them are not required to travel behind vehicles or parking spaces other than their own. **§11B-812.5.3**
14. EVCS shall be designed so accessible routes are not obstructed by cables or other elements. **§11B-812.5.5**
15. Fully dimension all EV spaces on the plans. The minimum dimensions shall be: **§11B-812.6**
 - a. 144 inches by 216 inches long for van accessible EV spaces;
 - b. 108 inches by 216 inches long for standard accessible EV spaces;
 - c. 120 inches by 216 inches long for ambulatory EV spaces; and,
 - d. 204 inches by 240 inches long for drive-up EVCS spaces.
16. Dimension and provide access aisles adjacent to each accessible/ambulatory EV space, complying with the following: **§11B-812.7**
 - a. Minimum 60 inches wide;
 - b. Minimum length equal to the length of the vehicle spaces served;
 - c. Shall not overlap the vehicular way; and
 - d. Shall be located on the passenger side of van accessible EV spaces.

STRIPING & MARKINGS

17. Revise the striping plan and details to accurately dimension the accessible vehicle spaces and access aisles. The required dimensions shall be provided from the centerline of the markings. **§11B-812.1**
18. Provide complete striping details and notes for the EV spaces and access aisles, to show compliance with the following: **§11B-812.7**
 - a. Access aisles shall be marked with painted borderlines around their perimeter;
 - b. The area within the borderlines shall be marked with hatched lines a minimum of 36 inches on center;
 - c. The color of the borderlines, hatched lines, and letters shall contrast with that of the surface of the access aisle;
 - d. The color of all striping and markings shall **not** be the blue color used for identification of accessible parking spaces per 11B-502.3.3;
 - e. The words "NO PARKING" shall be painted within each access aisle in letters a minimum of 12 inches in height and located to be visible from the adjacent vehicular way; and,

- f. The words “EV CHARGING ONLY” shall be painted at the lower end of each EV space in letters a minimum of 12 inches in height. The centerline of the text shall be 6 inches maximum from the centerline of the vehicle space and its lower corner at, or lower side aligned with, the end of the parking space. **§11B-812.8.9**

SIGNAGE

- 19. Detail and provide identification signage as follows: **§11B-812.8**
 - a. Accessible signage is not required where a total of four or fewer EV spaces are provided;
 - b. Five to twenty-five total EV spaces are provided:
 - i. One van accessible EV space shall be identified by ISA signage;
 - ii. Accessible signage is not required at the standard accessible EV spaces.
 - c. Twenty-six or more EV spaces are provided:
 - i. All required van accessible and standard accessible EV spaces shall be identified by ISA signage.
- 20. Identification signs shall be reflectorized with a minimum area of 70 square inches. **§ 11B-812.8.6**
- 21. The identification sign shall be visible from the EV space it serves.
- 22. Signs identifying van accessible EV spaces shall contain the words “van accessible.”
- 23. Identification signs shall be permanently posted either immediately adjacent to the vehicle space or within the projected vehicle space width at the front end of the vehicle space. **§11B-812.8.7**
- 24. Mounting height of identification signs shall be
 - a. 60 inches minimum above the finish floor or ground surface measured to the bottom of the sign; or,
 - b. 80 inches minimum above the finish floor or ground surface measured to the bottom of the sign, when the sign projects over an access aisle or other circulation path.

EQUIPMENT

- 25. EV chargers shall be adjacent to, and within the projected width of the EV space being served. **§11B-812.10.4**
- 26. Provide typical plan and elevation views of the EV chargers showing required clear ground space and all operable parts. **§11B-305, 11B-308, 11B-309 & 11B-812.10**
- 27. Dimension the height above the clear ground space to all operable parts and controls. All operable parts and control shall be 15 to 48 inches above the clear ground space for both forward and side approaches. **§11B-308**
- 28. Where point-of-sale (POS) devices are separate from the EV charger equipment, provide plan and elevation views for the POS in addition to the EV chargers, to show compliance with Section 11B-707.9. **§11B-812.10.3**