



CITY OF LONG BEACH
 Department of Development Services
 BUILDING AND SAFETY BUREAU
COMMERCIAL ACCESSIBILITY
PLAN REVIEW CHECKLIST



INFORMATION	PROJECT NO.:	EXPIRATION DATE:	STATUS: 1st Review	
	PROJECT ADDRESS:	VALUATION: \$		
	WORK DESCRIPTION:			
	APPLICANT'S NAME:	TEL. NO.:		
INSTRUCTIONS	<p>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 sections of the Building Code or other local ordinances or state laws.</p> <p>In an effort to streamline the plan review process, please follow the steps outlined below to ensure that there is no delay in processing your application and reviewing your responses to these plan check comments.</p> <ul style="list-style-type: none"> Comments with circled item numbers apply to this plan check. Revised plans and calculations shall incorporate or address all comments marked on the original checked set of plans, calculations, and this plan review checklist. Provide a written response to each comment and show where and how it has been addressed. Identify the sheet number and detail or reference note on the revised plans where the corrections are made. Time spent searching for the corrected items on the revised plans or calculations will delay the review and approval process. Once all comments on the plans, calculations, and this checklist have been addressed, contact the plan check staff to SCHEDULE AN APPOINTMENT to review the changes made. 			
	PLAN REVIEWER:	TEL. NO.:		
	ADDRESS:	333 W. OCEAN BLVD., 4 TH FLOOR, LONG BEACH, CA 90802		
	EMAIL:	@longbeach.gov	WEBSITE:	www.lbds.info
	<ul style="list-style-type: none"> Should you have any questions or need clarification pertaining to the comments made on your project, you may contact the plan check staff by telephone from 7:30 AM (8:30 AM Wed) to 4:30 PM (Monday - Friday). Bring the original checked set of plans and calculations along with this checklist to the appointment meeting. Do not schedule an appointment meeting with the plan check staff until all comments have been addressed. We will ensure that the appointment meeting or re-submittal of the plans for recheck will proceed as expeditiously as possible. If an impasse is reached during the appointment meeting, you may request that the plan check supervisor be summoned for a 2nd opinion or to attempt to resolve and/or clarify the matter. Major revisions to the plans that necessitate additional review time may be subject to re-submittal and additional plan check fees as authorized by Section 18.06.030 of the Long Beach Municipal Code. Reviewed plans and/or calculations not picked up within 60 days of notice will be discarded. 			
NOTE	Numbers within the parenthesis () refer to the section of the applicable code. 2016 California Building Code (CBC). Table (T).			



The State of California delegates to the local jurisdiction the authority to ensure compliance with Title 24, Part 2 of the California Code of Regulations. 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 owners responsibility and consultants to ensure compliance with the most current ADA & FHA regulations, as the County/City is not delegated the authority to plan review or inspect projects for ADA & FHA compliance.

SUPPLEMENTAL CORRECTION SHEETS:

- Check list No. 1 – Elevators, LULAs & Platform Lifts
- Check list No. 2 – Signs
- Check list No. 3 – Restaurant
- Check list No. 4 – Assembly
- Check list No. 5 – Group B and Group M Occ.
- Check list No. 6 – Transient Lodging
- Check list No. 7 – MISC Facilities
- Check list No. 8 – Recreation Facilities
- Check list No. 9 – Public Housing
- Check list No. 10 – Electric Vehicle Charging Station (EVCS)

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 attached “Summary of Upgrades Form” and detail path of travel improvements as required. **§11B-202.4 Exception 8**

*Visit here for the updated valuation threshold that is updated annually in January:
<http://www.dgs.ca.gov/dsa/Programs/progAccess/threshold.aspx>

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 comply 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 1¼ 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 6¼ inches maximum, and a cross-section dimension of 2¼ 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 striping. 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 (2.0%). **§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 (2.0%) 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 (2.0%) 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 no 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 wheel chair 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.

55. 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

56. Washing machines and clothes dryer's operable parts must comply with Section 11B-309 Operable Parts. **§11B-611.3**
57. 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

1. 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**

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

3. 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**
4. 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**
5. 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

6. 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**
7. Provide (_____) wheelchair accessible telephones in accordance with Table 11B-217.2. **§11B-217.2**

