



Al Fresco Revocable "R" Permit Plan Check

25MPH On-Street Dining Plan Review Checklist

Revocable "R" Permit Application Reference #:

Restaurant Address:

Restaurant Name:

Applicant Email:

Requested Number of Seats:

Does the Business have an Al Fresco Temporary Use Authorization? Yes No

City Plan Checker:

Email:

To Applicants: Please review carefully all the items listed below. By checking "OK", you confirm the items have been reviewed/included in your submittal package. By checking "N/A", you confirm that this item is not applicable to your application. Once completed, email this checklist along with your site plan to ladot.alfresco@lacity.org. Additional information regarding the issuance of Revocable "R" Permits can be found in BOE's Development Services Procedures Manual under [02 - L.A. Al Fresco Sidewalk and On-Street Dining](#) or [LADOT's On-Street Dining Policy](#) as appropriate.

Please note, applicants are required to have location approval from LADOT prior to continuing with the plan check process.

Required corrections to your submitted documents shall be noted within this plan check sheet through the 'Incomplete' checkbox or under "Additional Corrections/Notes" within each section below and/or in the R Permit Application.

Applicants are responsible for:

- Addressing all "Additional Corrections/Notes" on this Plan Check Correction Sheet and providing a written response or reference to plans and details pursuant to the corrections
 - Location of revisions on the plans shall be identified as part of your responses. For questions related to the plan check corrections, Applicants should submit questions regarding on-street dining to ladot.alfresco@lacity.org.
- Applicants shall send all revised/new submittals along with the updated checklist to LADOT at ladot.alfresco@lacity.org.

Applicant must check "OK" or "N/A" for each item in the "Applicant" section. City Staff to complete "OK" or "Incomplete" in "City Staff Only" section.

Item		Applicant		City Staff Only	
		OK	N/A	OK	Incomplete (see corrections)
I. GENERAL REQUIREMENTS					
A.	Plans should include the following: - Restaurant name and address - North arrow (preferably pointing upwards) - At least 10 additional feet should be shown on each side of the dining area. If there is an intersection, crosswalk, or bus stop within 25 feet of either side of the dining area, they must be shown on the plan - The curb, sidewalk, and property frontage must be shown. The restaurant's front door must be shown with the direction of the door swing				

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	5. Dimensions of property lines that front the dining area, sidewalks, street(s) with their names, driveway(s) and alley(s) 6. A required dimensioned 5-foot Pedestrian Access Route (PAR) on the sidewalk clear of obstructions 7. Sidewalk and parkway elements are to be shown and distances between these elements, including any street lights, power poles, edges of tree wells, parking meters, above-ground utility structures, fire hydrants, utility box or valve covers, curb ramps, bus stops/shelters benches, bike racks, newsstands, etc. 8. Street and curb elements to be shown and distances between these elements, including curb colors, parking stall lines, bike lanes, striping in the street (edge line striping, lane lines, stop lines), crosswalks, maintenance holes and utility covers 9. The length and width of the on-street dining area must be shown. The width and length shall include all barriers and walls				
B.	Additional Corrections/Notes				
II. 25 MPH ON-STREET DINING REQUIREMENTS					
A.	LADOT On-Street Dining Policy Acknowledgement: Applicant has reviewed and understands the terms and conditions of the LADOT On-Street Dining Policy .				
B.	Walls Notes, wall specifications, shop drawing, details, and/or material sheets must be noted on the plan to sufficiently demonstrate wall details. Walls must meet the following requirements of LADOT's On-Street Dining Policy: 1. Required on all three (3) sides 2. Approved walls or fences may be sufficient to create the perimeter on two sides. Water barriers or approved protective planters required as an additional protective measure on the third side that faces oncoming traffic. 3. Metal barricades, or crowd control barricades, can be used as walls on two sides of the dining area 4. Water barriers may act as a wall on all three sides 5. Horizontal planter boxes may be allowed, contingent on them meeting all other requirements of this section and Section III (Landscaping Review). 6. Walls shall be between 30"- 42" in height. Wall height must be noted on the plan 7. Walls shall be no more than 50% open, from the base of the dining area to the top, to ensure patrons and objects cannot pass through the walls 8. Gaps between any separate pieces of a wall placed side by side shall be less than four inches (4") wide and each individual piece must be fully connected and locked together 9. Fixed walls are generally prohibited as entrance and/or exit points to an on-street dining area, unless the dining area is terraced on a sloped street 10. If bench seating is fabricated to a wall, the bench backrest must have a 6-inch separation from the outer edge of the wall. The width must be shown on the plan				

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C.	Structures with Vertical Posts Over 42" - Structure height shall not exceed the maximum height of 10 feet from the pavement - Structures must be fully contained within the approved dining area footprint. If there are marked parking stall lines, dining area must be fully contained within the lines - Structures are allowed to cover water barriers, provided they don't exceed the approved width of the dining area. - No solid roofs are allowed - String lights and/or fabric covering shall be securely anchored to structural elements and must be shown on the plan. - Fixed walls are generally prohibited as entrance and/or exit points to an on-street dining area, unless the dining area is terraced on a sloped street - Specifications, shop drawing, details, and/or material sheets must be noted on the plan to sufficiently demonstrate all details.				
D.	Protective Planters Protective planters may be approved to replace water barriers on the side facing oncoming traffic. Specifications, shop drawing, details, and/or material sheets must be noted on the plan to sufficiently demonstrate the following minimum criteria: - Shall be made of fiberglass material, unless otherwise approved by the City. Shall weigh at least 700 pounds when filled with sand, soil, and plant material. Material shall be noted on the plan - Shall be at least 30 inches high (30") and the total height of the planter and plants combined shall not exceed 42 inches (42") at maximum maturity. These heights shall be noted on the plan - Gaps between individual planters placed side by side must be less than four inches (4") wide				
E.	Water Barriers - Businesses, <u>except those with existing Temporary Al Fresco Authority</u>, must enclose water barriers by a covering that is specified in the application and approved by LADOT in advance. Provide LADOT approval. - The enclosure must cover the water barrier on all sides and must provide access to inspect and refill the barriers as needed. - Placing a vinyl wrap, sticker, or a fabric cover on water barriers may act as a cover but must be approved by LADOT in advance. - Shall be between 30" - 42" high. The height shall be noted on the plan - Shall have a method of interlocking with one another. All water barriers on the street side of the dining area shall be locked together and this shall be noted on the plan - Must not be used for any kind of support or integrated as a weight-bearing element - Notes, specifications, shop drawing, details, and/or material sheets must be noted on the plan to sufficiently demonstrate all details.				
F.	Object Marker Sign - Dining areas must display one 12-inch by 36-inch Object Marker Sign (OM-3R), consisting of a vertical rectangle with alternating black and retroreflective yellow stripes. - Sign must be displayed on the outer (left) edge on the side of the dining area that faces oncoming traffic.				

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	3. Location of the sign shall be labeled on the plan. It should be made clear on the plan what the sign is attached to.				
G.	Decks Unless the business has been approved for a ramp, all dining areas must have a deck that shall contain the following requirements: 1. Must be constructed of durable, fire-resistant materials able to withstand the effects of the outdoor environment. 2. The deck must meet the following requirements to allow curbside drainage flow: a. A four inch (4") high by eight inch (8") wide minimum clear gutter space against the curb shall be provided along the entire length of the platform. b. Openings at both ends of the gutter opening shall be covered with a metal screen 3. Notes, specifications, shop drawing, details, and/or material sheets must be noted on the plan to sufficiently demonstrate all details.				
H.	Shade Covering The use of any shade covering, including umbrellas, canopies, tents, and fabric sails, must be specified in the plan for approval. They must comply with the California Building Code and the Los Angeles Fire Code. The shade covering must meet the following requirements, though these do not supersede City or state code: 1. Must be made of a cloth or fabric material and cannot be solid wood, metal, plastic, or other hard materials. Fabric must be treated with flame propagation performance treatment. The fabric must have a California flameproof label and must be maintained and treated per manufacturer and CSFM recommendations. 2. Must be fully contained within the approved footprint and cannot extend into the adjacent travel lane or sidewalk 3. Must have a minimum of seven (7) feet of vertical clearance between the flooring of the dining area and the shade covering 4. The top of the shade covering must not exceed 10 feet from the flooring of the dining area, unless otherwise approved by LADOT in advance. Provide previous LADOT approval. 5. Must provide a fully visible vertical clearance area between 42 inches and seven (7) feet with the exception of narrow support poles or vertical posts that are integrated into a structure 6. Must not be attached or adhered to a utility pole, light pole, parking meters, tree wells, water barriers, or other City infrastructure 7. If larger than 700 square feet, a shade covering requires a Specific Use Permit from the Los Angeles Fire and Building and Safety Departments a. Exception: The aggregate area of multiple shade coverings placed side by side with a fire break clearance of 12 feet between each shade covering may exceed 700 square feet total without requiring permits 8. Shade coverings that are fixed or anchored to a dining structure or wall through vertical posts must undergo a structural review performed by the Bureau of Engineering Development Services. Free standing shade coverings, including movable shade umbrellas or canopies, are strongly encouraged as they do not require structural review.				

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I.	Heaters - Outdoor heating fixtures must be used in accordance with State and City Code Requirements - Propane heater locations must be shown on the plan. Propane heaters cannot be placed underneath overhead canopies, awnings, inside buildings, or tents and must have a 5-foot clearance radius (top, bottom, and sides) from the edge of the heat shield. The radius should be shown on your plan				
J.	Lighting Any use of lighting must be identified on the plan and must adhere to the following requirements: - Must have a vertical clearance of 10' within the dining area - Must be rated for outdoor use - May not be affixed to any public assets and city property, including street fixtures, street trees, or public utilities - Lighting must not create a glare for moving vehicles - Lighting shall not flash, strobe, or be at high intensities - Cords cannot be placed across the sidewalk surface				
K.	Furnishings and Decorations - All furnishings and decorations must be fully contained within the approved footprint and cannot be stored outside of the dining area - Furnishings and equipment, including planters, placed on the sidewalk are only allowed contingent on a revocable permit for the sidewalk (Please note on your plan the reference number of your secondary revocable permit for your sidewalk furnishings) - All decorative plants are subject to the requirements of Section III and must be approved in advance. - For any plants and planters in an on-street dining area, the planter, plant selection, and irrigation method must be approved by the City through the application process.				
L.	Additional Corrections/Notes				
III. LANDSCAPING REVIEW (BSS)					
A.	Planters and Vegetation - Legend of planting/vegetation materials must be noted on the plan - Planter material and dimensions must be noted on the plan - Drainage capture devices (plant liners, drainage plates, etc.) must be shown or noted on plans including associated details/specifications. Wood planters must use interior plant liners. Water can't drain to the street - Shall contain the following note, "Al Fresco On-Street Dining vegetation shall be hand watered in perpetuity by the on-street dining permit holder" - Plant palette shall not include noxious plants and plants with exposed, rigid spines and thorns				
B.	Irrigation (accepted on a case-by-case basis) Irrigation from a quick coupler may be accepted. Location, layout and detail must be included with the plan (additional notes may be required).				

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C.	Additional Corrections/Notes				
IV. ACCESSIBILITY REVIEW					
A.	Minimum Accessible Seating Where dining surfaces (tables, counters, etc) are provided for the consumption of food or drink, at least 5% of seating space and standing space at the dining surfaces (rounded up to the next whole number) shall comply with: 1. Accessible tables and routes must be dispersed amongst all different types of seating areas (i.e., private property (indoor/outdoor), sidewalk, and on-street) and experiences. a. Examples that may contribute to a different dining experience include lighting, shade, decor, vibe, heating, cooling, and the types of tables/seating provided. 2. Plan must identify where each accessible seat is located <i>Dining surfaces shall comply with §11B-226.1 and LA Al Fresco Disabled Access Toolkit (Dining Areas - Seating - 5% minimum Seating and Standing Spaces).</i>				
B.	Accessible Routes At least one accessible route shall connect between the accessible seating and accessible elements in the outdoor dining area and the accessible entrance of the restaurant. This accessible route must be a minimum of 48" on the sidewalk and a minimum of 36" on the street. <i>See §11B-206.2.2 and §11B-206.2.5 LA Al Fresco Disabled Access Toolkit (Accessible Routes).</i>				
C.	Doors and Gates Doors and gates to and from outdoor dining areas are part of an accessible route. Manual doors and gates intended for user passage shall comply with California Building Code (CBC) Section 11B-404.2 or LA Al Fresco Disabled Access Toolkit (Accessible Routes - Doors and Gates), including: 1. A clear width of 32-inches minimum for door and gate openings. a. Clear openings with swinging doors or gates measured between the face of the door or gate and the stop, with the door or gate open 90 degrees. b. A clear opening of 36-inches minimum when the length of the opening is more than 24-inches deep. 2. No projections are allowed into the required clear opening width lower than 34-inches above the finish floor or ground. Projections into the clear opening width between 34-inches and 80-inches above the finish floor or ground such as handles, latches, pulls, and other parts of the door or gate shall not exceed 4-inches. 3. Swinging doors or gates shall have maneuvering clearances complying with the table in the LA Al Fresco Disabled Access Toolkit (Accessible Routes - Doors and Gates). 4. Handles, pulls and latches, locks and other operable parts on the door or gate shall comply with: a. Operable parts of such hardware shall be 34-inches minimum and 44-inches maximum above the finish floor or ground.				

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D.	Aisle Clear Width Where seating is located at a table or counter and is adjacent to an aisle or aisle accessway, the measurement of required clear width of the aisle or aisle accessway shall be made to a line 19 inches away from and parallel to the edge of the table or counter. 1. The 19-inch distance shall be measured perpendicular to the side of the table or counter. 2. In the case of other side boundaries for aisles or aisle accessways, the clear width shall be measured to walls, edges of seating and tread edges. Exception: Where tables or counters are served by fixed seats, the width of the aisle or aisle accessway shall be measured from the back of the seat. (CBC Section 11B-305.6; CBC Section 11B-207; CBC Section 1009; CBC Section 1030.13.1) §11B-403.5.1, LA Al Fresco Disabled Access Toolkit (Accessible Routes - Width Clearances - Routes to and from Accessible Tables)				
E.	Clear Floor Space A 30-inch minimum by 48-inch minimum of clear floor space must be provided within the accessible seating area and must be shown on the plan. The Clear Floor Space must be oriented for a forward approach to the accessible dining surface. 19 minimum to 25 inches maximum of the 48-inch length of the Clear Floor Space shall be designated as the toe clearance and shall be located and shown under the accessible dining surface. Surfaces of a clear floor or ground space shall comply with: 1. Changes in level, slopes exceeding 1:48, and detectable warnings shall not be permitted. This note must be made on the plan. 2. Clear Floor Spaces shall not overlap with table legs, table pedestals, or bases. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Clear floor or ground space may overlap an accessible route, unless specifically prohibited elsewhere in CBC Chapter 11B or other applicable codes. Clear floor space at dining surfaces shall comply with §11B-902.2 and LA Al Fresco Disabled Access Toolkit (Dining Areas - Seating - Clear Space)				
F.	Clear Width at a Turn 1. Where the accessible route makes a 180 degree turn around an element (such as a table) which is less than 48-inches wide, clear width shall be all the following: a. 42-inches minimum approaching the turn b. 48-inches minimum at the turn c. 42-inches minimum leaving the turn 2. Where the clear width at the turn is 60 inches minimum, clear width shall be: d. 36-inches minimum approaching the turn e. 36-inches minimum leaving the turn §11B-403.5.2, LA Al Fresco Disabled Access Toolkit (Accessible Routes - Width Clearances - Clear Width at a Turn)				
G.	Dining Surface Height 1. Tops of dining surfaces shall be 28-inches minimum and 34-inches maximum above the finish floor or ground. 2. Table specifications, shop drawing, details, and/or material sheets must be noted on the plan to sufficiently demonstrate details. Heights of dining surfaces shall comply with §11B-902.3 and LA Al Fresco Disabled Access Toolkit (Dining Areas - Seating - Dining Surface Height)				

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H.	Knee Clearance Space under an accessible dining surface between 9-inches and 27-inches above the finish floor or ground shall be considered knee clearance and shall comply with: 1. Knee clearance shall extend 25-inches maximum under a dining surface at 9-inches above the finish floor or ground. 2. At the required accessible dining surfaces, knee clearance shall extend a minimum of 19-inches deep at 27-inches above the finish floor or ground. 3. Knee clearance shall be a minimum of 30-inches wide. 4. Table specifications, shop drawing, details, and/or material sheets must be noted on the plan to sufficiently demonstrate details. <i>Knee clearance shall comply with §11B-306 and LA Al Fresco Disabled Access Toolkit (Dining Areas - Seating Knee Clearance)</i>				
I.	Toe Clearance Space under an accessible dining surface between the finished floor/ground to 9-inches above the finished floor, shall be considered toe clearance and shall comply with: 1. 25-inch maximum extension under the accessible dining surface. 2. 19-inch minimum extension under the accessible dining surface. 3. Space extending greater than 6-inches beyond the available knee clearance at 9-inches above the finish floor/ground shall not be considered toe clearance. 4. 30-inch minimum width. 5. Table specifications, shop drawing, details, and/or material sheets must be noted on the plan to sufficiently demonstrate details. <i>Toe clearance shall be provided complying with §11B-306 and LA Al Fresco Disabled Access Toolkit (Dining Areas - Seating - Toe Clearance)</i>				
J.	Dining Surfaces Exceeding 34-inches in Height Where food or drink is served for consumption at a counter exceeding 34-inches in height, a minimum length of 60-inches must be accessible in compliance with §11B-226.3 and LA Al Fresco Disabled Access Toolkit (Dining Areas - Seating - Dining Surfaces Exceeding 34-inches in Height). Knee and Toe Clearances must also be applied (Items H and I).				
K.	Access to Dining Amenities/Services Self-service shelves and dispensing devices for tableware, dishware, condiments, food, and beverages shall comply with §11B-308 , §11B-904.5.1 , LA Al Fresco Disabled Access Toolkit (Dining Areas - Access to Dining Amenities/Services). These items shall be located within accessible reach ranges, including: 1. Where a forward reach is unobstructed, the high forward reach shall be 48-inches maximum and the low forward reach shall be 15-inches minimum above the finish floor/ground. 2. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance of not less than the required reach depth over the obstruction. 3. The high forward reach shall be 48-inches maximum where the reach depth is 20-inches maximum. 4. Where the reach depth exceeds 20-inches, the high forward reach shall be 44-inches maximum and the reach depth shall be 25-inches maximum. 5. Where a clear floor/ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be				

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	48-inches maximum and the low side reach shall be 15-inches minimum above the finish floor/ground. a. Exception: An obstruction shall be permitted between the clear floor/ground space and the element where the depth of the obstruction is 10-inches maximum. 6. Where a clear floor/ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34-inches maximum and the depth of the obstruction shall be 24-inches maximum. 7. The high side reach shall be 48-inches maximum for a reach depth of 10-inches maximum. 8. Where the reach depth exceeds 10-inches, the high side reach shall be 46-inches maximum for a reach depth of 24-inches maximum.				
L.	Turning Space 1. Surfaces: Changes in level, slopes exceeding 1:48, and detectable warnings shall not be permitted for floor or ground surfaces of a turning space. (CBC Section 11B-304.2) 2. Size: Turning spaces shall be either compliant circular turning spaces or T-Shaped spaces. (CBC Section 11B-304.3) a. Circular turning spaces shall be a space of 60 inches diameter minimum and may include knee and toe clearance complying with CBC Section 11B-306 Knee and Toe Clearance. (CBC Section 11B-304.3.1) b. T-Shaped turning spaces shall be a T-shaped space within a 60 inch square minimum with arms and base 36 inches wide minimum. Each arm of the T shall be clear of obstructions 12 inches minimum in each direction and the base shall be clear of obstructions 24 inches minimum. The space shall be permitted to include knee and toe clearance complying with CBC Section 11B-306 only at the end of either the base or one arm. (CBC Section 11B-304.3.2, CBC Figure 11B-304.3.2)				
M.	Alcoves – Forward Approach Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided for forward approach. Alcoves shall be 36 inches wide minimum where the depth exceeds 24 inches. (CBC Section 11B-305.7.1 ; CBC Figure 11B-305.7.1)				
N.	Alcoves – Parallel Approach Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided for parallel approach. Alcoves shall be 60 inches wide minimum where the depth exceeds 15 inches. (CBC Section 11B-305.7.2 ; CBC Figure 11B-305.7.2)				
O.	Protruding Objects Objects mounted on walls, partitions, columns, and other elements along circulation paths can pose hazards unless their projection is limited. Those with leading edges that are within cane sweep (27" high maximum) or that provide minimum headroom clearance (80" minimum) do not pose hazards and can protrude any amount. 1. Objects with leading edges more than 27-inches high and not more than 80-inches high above the finish floor or ground are permitted to protrude no more than 4-inches maximum horizontally into the circulation path. §11B-307.2, LA Al Fresco Disabled Access Toolkit (Dining Areas - Protruding Objects)				

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P.	Vertical Clearances The entire dining area and all circulation routes to and through this area shall have a minimum vertical clearance of 7-feet. This shall be noted on the plan. This also includes shade canopies (umbrellas, tents, shade sails) which must have a minimum of 7-feet of vertical clearance between the floor of the dining area and the bottom of the shade canopy. LA Al Fresco Disabled Access Toolkit (Accessible Routes - Vertical Clearances)				
Q.	Electrical Cords Any use of lighting must be noted on the plan and cord locations shall be shown. Surface cords with or without cord covers are NOT allowed to cross circulation paths. Cords within the on-street dining area must have a vertical clearance of at least 7 feet and this must be noted on your plan. LA Al Fresco Disabled Access Toolkit (Accessible Routes - Uplifts)				
R.	Deck Requirements Unless otherwise approved for a ramp, a dining area shall be required on the deck. The plan shall note compliance with the following requirements as it relates to decks: - Changes in vertical height from the sidewalk are permitted up to a 1/4-inch maximum without an additional edge treatment. Changes in vertical height that are between 1/4-inch and 1/2-inch from the sidewalk shall be beveled with a slope not steeper than 1:2. - Changes in level, slopes exceeding 1:48, and detectable warnings shall NOT be permitted at: - Turning spaces - Clear floor or ground spaces - Minimum maneuvering clearances at doors and gates - Ramp landings - Elongated openings shall be placed so the long dimension is perpendicular to the dominant direction of travel. The short dimension of elongated openings shall not exceed 3/8-inch, as consistent with the diagram in the Toolkit. The dominant direction of travel is assessed for each segment of the accessible route, and areas where turns occur have no dominant direction of travel and so, may not have elongated openings. - Deck material and direction of floorboards must be shown on the plan. - The deck surface shall be stable, firm and slip resistant. LA Al Fresco Disabled Access Toolkit (Deck Requirements - Surface)				
S.	Ramps - The maximum running slope of a ramp shall be 1:12. - Cross slope of a ramp run shall not be steeper than 1:48. - Changes in level other than the running slope and cross slope are not permitted on ramp runs. - The clear width of a ramp run shall be 48 inches minimum. Handrails may project into the required clear width of the ramp at each side 3 - 1/2 inches maximum at the handrail height. - Outdoor ramps and their approaches shall be designed so that water will not accumulate on walking surfaces. §11B-303.5, LA Al Fresco Disabled Access Toolkit (Ramps)				

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T.	Landings Ramps shall have level landings at the top and bottom of each ramp. Landings shall have the following features: 1. Changes in level, slopes exceeding 1:48, and detectable warnings shall not be permitted. 2. The landing clear width shall be at least as wide as the widest ramp run leading to the landing. 3. Top landings shall be 60 inches wide minimum. 4. Bottom landings shall extend 72 inches minimum in the direction of the ramp run. §11B-405.7, LA Al Fresco Disabled Access Toolkit (Ramps - Landings)				
U.	Handrails Handrails shall be provided on both sides of ramps and stairs. Handrails shall have the following features: 1. The top of handrail gripping surfaces shall be mounted 34 inches minimum and 38 inches maximum above ramp and landing surfaces. Handrails shall be at a consistent height above walking surfaces and ramp surfaces. 2. The clear space between the handrail and the wall shall be 1 - ½ inches minimum 3. Gripping surfaces shall be continuous and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20 percent of their length. Where provided, horizontal projections shall occur 1½ inches minimum below the bottom of the handrail gripping surface. 4. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1¼ inches minimum and 2 inches maximum. 5. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. 6. Handrails shall not rotate within their fittings. 7. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs. 8. Handrail gripping surfaces shall extend horizontally at least 12 inches beyond the top of the stair landing and the top and bottom of the ramp segment and shall be parallel with the floor or ground surface of the landings. 9. 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 nosing. 10. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. Handrails may project into the required clear width of the ramp or stairs at each side 3 1/2 inches maximum at the handrail height. Where free-standing objects, for example handrail extensions, are mounted on posts and project into a circulation path, the lowest edge of such an obstruction shall be located 27 inches maximum above the finish floor or ground. Exception: The sloping portions of handrails serving ramps shall not be required to comply with 11B-307.3. 1. Protruding objects shall not reduce the clear width required for accessible routes.				

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	2. Handrails shall be permitted to protrude 4 - 1/2 inches maximum into circulation paths. §11B-505, LA Al Fresco Disabled Access Toolkit (Ramps - Handrails)				
V.	Warning Curbs Abrupt changes in level exceeding 4 inches in a vertical dimension between walks, sidewalks or other pedestrian ways and adjacent surfaces or features shall be identified by warning curbs at least 6 inches in height above the walk or sidewalk surface. Exceptions: 1. A warning curb is not required between a walk or sidewalk and an adjacent street or driveway. 2. A warning curb is not required when a guard or handrail is provided with a guide rail centered 2 inches minimum and 4 inches maximum above the surface of the walk or sidewalk. Edge protection complying with 11B-405.9.2 shall be provided on each side of ramp runs and at each side of ramp landings. Exception: Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. A curb 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-303, LA Al Fresco Disabled Access Toolkit (Ramps - Warning Curbs)				
W	Stairs 1. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4 inches high minimum and 7 inches high maximum. Treads shall be 11 inches deep minimum. Open risers are not permitted. 2. Stair treads shall be stable, firm, and slip resistant. 3. Slopes exceeding 1:48 and detectable warnings shall not be permitted. 4. Stairs shall have the upper approach and all treads marked by a stripe providing clear visual contrast. a. The stripe shall be a minimum of 2 inches wide to a maximum of 4 inches wide placed parallel to and not more than one inch from the nose of the step or upper approach. b. The stripe shall extend the full width of the step or upper approach and shall be of material that is 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, LA Al Fresco Disabled Access Toolkit (Stairs)				
X.	Additional Corrections/Notes				