Zoning Resolution

THE CITY OF NEW YORK
Zohran K. Mamdani, Mayor

CITY PLANNING COMMISSION
Sideya Sherman, Chair

37-92 - Landscaping

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37-92 - Landscaping

LAST AMENDED
12/6/2023

The provisions of Section 37-921 (Perimeter landscaping) shall apply to open #accessory# off-street parking facilities and #public parking lots# with 18 or more spaces or at least 6,000 square feet in area that front upon a #street#.

The provisions of Section 37-922 (Interior landscaping) shall additionally apply to open #accessory# off-street parking facilities and #public parking lots# with 36 or more spaces or at least 12,000 square feet in area.

However, where more than 75 percent of the parking spaces in such #accessory# off-street parking facility or #public parking lot# will be covered by solar canopies, the requirements of such Sections may be modified by the provisions of Section 37-923 (Alternative compliance for solar canopies).

37-921 - Perimeter landscaping

LAST AMENDED
6/6/2024

All open parking areas subject to the provisions of this Section shall be screened at the #street line# by a perimeter landscaped area at least seven feet in width measured perpendicular to the #street line#. Such perimeter landscaped area may be interrupted only by vehicular entrances and exits. Walkways may also traverse the perimeter landscaped area in order to provide a direct connection between the

public sidewalk and a walkway within or adjacent to the open parking area. In the event a perimeter landscaped area is greater than seven feet in width, the first seven feet adjacent to the open parking area must comply with paragraphs (a) and (b) of this Section. The remainder of the landscaped perimeter area may comply with paragraphs (a) and (b) or be comprised of any combination of grass, groundcover, shrubs, trees or other living plant material.

The perimeter landscaped area shall comply with the following requirements:

(a) Grading, drainage and soil

The open parking area shall be graded to allow stormwater runoff to drain into all required perimeter landscaped areas and planting islands required pursuant to Section 37-922 (Interior landscaping). The perimeter landscaped area shall be comprised of soil with a depth of at least two feet, six inches, measured from the adjoining open parking area. Beneath such soil, filter fabric and one foot of gravel shall be provided. Proper drainage rates shall be attained through underdrains that are connected to detention storage that meets the drainage and flow requirements of the Department of Environmental Protection or through infiltration through the surrounding soil volume. If underdrains are not provided, soil boring tests shall be conducted by a licensed engineer to ensure that ponded surface water is drained in at least 24 hours. The perimeter landscaped area shall have an inverted slope to allow a minimum of six inches and a maximum of one foot of stormwater ponding, and surface ponding must drain in at least 24 hours. To allow for adequate drainage, elevated catchbasins shall be placed in the planting island above the ponding level. A raised curb shall edge the perimeter landscaped area, shall be at least six inches in height and shall contain inlets at appropriate intervals to allow stormwater infiltration from the open parking area.

However, where the Commissioner of Buildings determines that due to the natural sloping topography of the site the drainage provisions of this paragraph, (a), would be infeasible for a perimeter landscaped area, such drainage provisions may be waived. In lieu thereof, such

perimeter landscaped area shall be comprised of soil with a depth of at least three feet measured from the adjoining open parking area. A raised curb shall edge the perimeter landscaped area and be at least six inches in height. The planting requirements of paragraph (b) of this Section shall apply to such perimeter landscaped areas, except that plantings need not be selected from the lists in Section 37-963.

(b) Plantings

(1) Parking lot frontage

The first two feet of the planting island fronting the open parking area shall be comprised of mulch and densely planted with groundcover above jute mesh to stabilize the inverted slope. This area may be used as an automobile bumper overhang area and may be included in calculating the required depth of an #abutting# parking space. All required groundcover shall be selected from the list in Section 37-963

(2) Sidewalk frontage

The remainder of the perimeter landscaped area shall be densely planted with shrubs at a distance of 24 inches on center and maintained at a maximum height of three feet above the surface of the adjoining public sidewalk. All required shrubs shall be selected from the list in Section 37-963.

(3) Trees

One two-inch caliper tree shall be provided for every 25 feet of open parking area #street# frontage. Fractions equal to or greater than one-half resulting from this calculation shall be considered to be one tree. Such perimeter trees shall be staggered wherever possible with #street# trees, but in no event shall perimeter trees be planted

closer than 15 feet on center or within three feet to a perimeter screening area curb. Furthermore, a radius distance of at least 20 feet shall be maintained between trunks of perimeter trees and #street# trees. If such distances cannot be maintained, the perimeter tree shall be waived in that location. However, if a #street# tree cannot be planted in the public sidewalk adjacent to the perimeter screening area because the Department of Parks and Recreation has determined that it is infeasible to plant a tree in such location, such tree shall be planted instead within the perimeter screening area adjacent to such portion of the public sidewalk and credited towards the amount of perimeter trees required pursuant to this paragraph. However, any perimeter tree within 15 feet of an elevated rail line or elevated highway shall be waived. All required perimeter trees shall be selected from the list in Section 37-961.

(c) Obstructions

Utilities and #signs# permitted in Sections 32-62, 32-63 or 42-62 may be located in the perimeter screening area. Ornamental fencing, excluding chain link fencing, with a surface area at least 50 percent open is permitted in the perimeter screening area, provided such fencing does not exceed four feet in height and is located at least five feet from the #street line#.

37-922 - Interior landscaping

LAST AMENDED
12/6/2023

All open parking areas subject to the provisions of this Section shall provide at least one tree for every eight parking spaces. Fractions equal to or greater than one-half resulting from this calculation shall be considered to be one tree. Such trees shall be in addition to the trees required in the perimeter

screening area. Each such tree shall have a minimum caliper of three inches and be located in a planting island with a minimum area of 150 square feet of pervious surface.

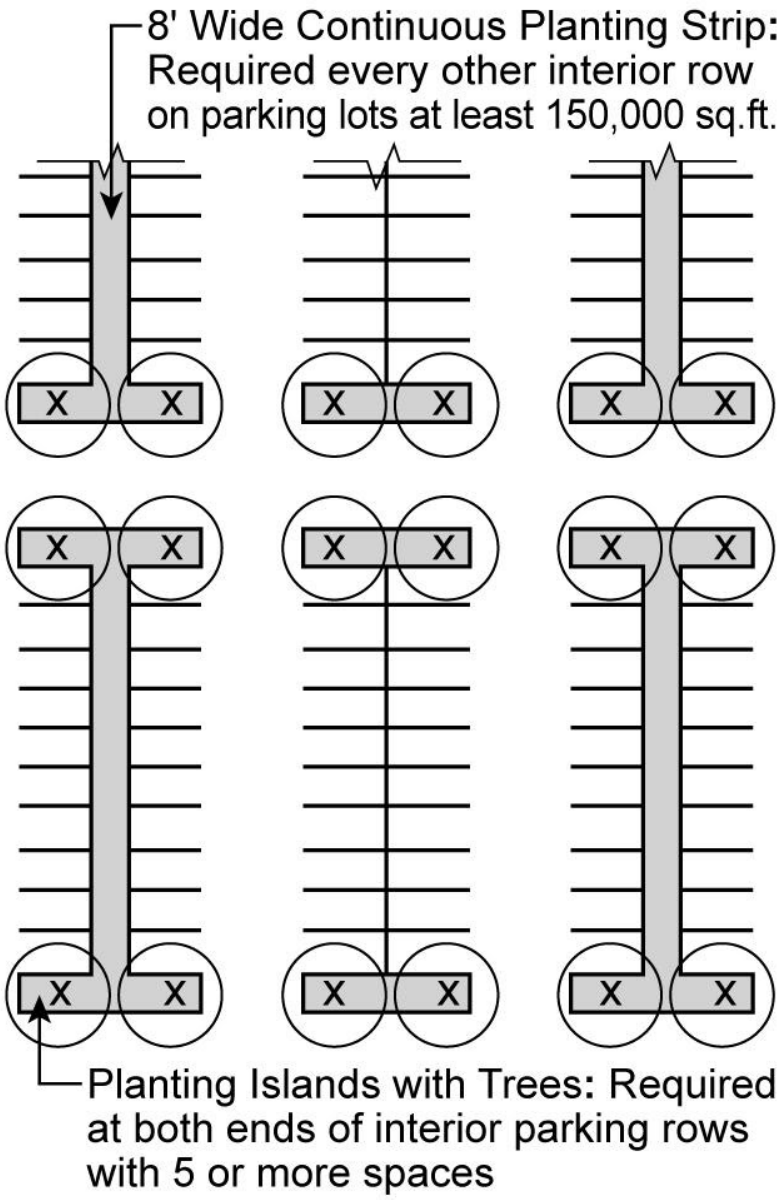
(a) Distribution

The following distribution rules shall apply:

(1) Each end space in a row of five or more parking spaces shall fully abut a planting island or a perimeter landscaped area along the long dimension of such end space;

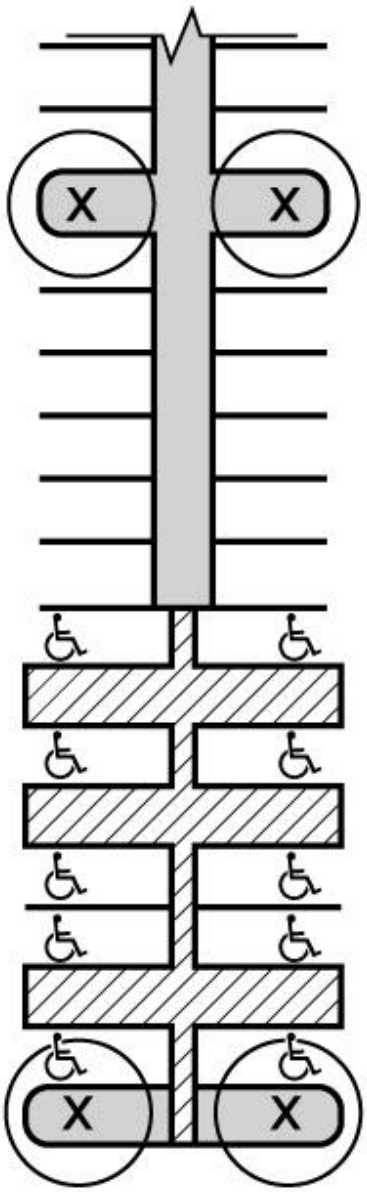
(2) No more than 15 parking spaces shall be permitted between planting islands, or a planting island and a perimeter landscaped area; and

(3) For open parking areas at least 150,000 square feet in area, in addition to the requirements set forth in paragraphs (a)(1) and (a)(2) of this Section, every other row of parking spaces in which each space does not fully abut a perimeter landscaped area shall abut a planting island. Such planting island shall have a minimum width of eight feet and extend along the entire length of such row of parking spaces. Such planting islands may be traversed by walkways no more than three feet wide and spaced at least 50 feet apart.



(37-922a3)

(4) Planting islands required pursuant to paragraphs (a)(1) and (a)(3) may be discontinued where a pedestrian access lane is provided that serves no more than five parking spaces required by the Americans with Disabilities Act.



(37-922a4)

(5) Compliance with paragraphs (a)(1) and (a)(2) may be waived where the Commissioner of Buildings determines that tree planting in such locations would conflict with loading operations. Such trees shall be planted elsewhere in the open parking area.

(b) Grading, drainage and soil

The open parking area shall be graded to allow stormwater runoff to drain into all planting islands required pursuant to this Section and perimeter landscaped areas required pursuant to Section 37-921. Planting islands shall have an inverted slope to allow a minimum six inches and a maximum of one foot of stormwater ponding, and surface ponding must drain in at least 24 hours. To allow for adequate drainage, elevated catchbasins shall be placed in the planting island above the ponding level. Planting islands shall be comprised of soil with a depth of at least two feet, six inches, measured from the surface of the adjoining open parking area. Beneath such soil, filter fabric and one foot of gravel shall be provided. Proper drainage rates shall be attained through underdrains that are connected to detention storage that meets the drainage and flow requirements of the Department of Environmental Protection or through infiltration through the surrounding soil volume. If underdrains are not provided, soil boring tests shall be conducted by a licensed engineer to ensure that ponded surface water is drained in at least 24 hours. A raised curb shall edge the planting island, shall be at least six inches in height and shall contain inlets at appropriate intervals to allow stormwater infiltration from the open parking area.

However, where the Commissioner of Buildings determines that due to the natural sloping topography of the site the drainage provisions of this paragraph, (b), would be infeasible for an interior planting island, such drainage provisions may be waived. In lieu thereof, such planting island shall be comprised of soil with a depth of at least three feet measured from the adjoining open parking area. A raised curb shall edge the perimeter landscaped area and be at least six inches in height. The planting requirements of paragraph (c) of this Section shall apply to such planting islands, except that plantings need not be selected from the lists in Section 37-963.

(c) Plantings

The first two feet of the planting island fronting the open parking area shall be comprised of mulch and densely planted with groundcover above jute mesh to stabilize the inverted slope. This area may be used as an automobile bumper overhang area and may be included in

calculating the required depth of an #abutting# parking space. The remaining area of the planting island shall be densely planted with shrubs, maintained at a maximum height of three feet, at a distance of 24 inches on center. Planting islands which are bisected by pedestrian access lanes serving Americans with Disabilities Act parking spaces (as shown in paragraph (a)(4) of this Section) shall provide groundcover in lieu of shrubs. Each required tree shall be centered in a planted area measuring at least eight feet by eight feet. Multiple trees are allowed in a single planting island provided they are spaced no closer than 25 feet on center and there is at least 150 square feet of pervious area for each tree. Any area with a dimension of less than two feet shall not contribute to such 150 square foot minimum area. Required trees shall be located first in planting islands at the ends of parking rows required pursuant to paragraph (a)(1) of this Section, and then in planting islands that break up parking rows with more than 15 spaces required pursuant to paragraph (a)(2) of this Section. Any remaining required trees may be located in the continuous planting island required pursuant to paragraph (a)(3) of this Section or located in other planting islands within the open parking area. All required trees, shrubs and groundcovers shall be selected from the lists in Sections 37-962 and 37-963.

37-923 - Alternative compliance for solar canopies

LAST AMENDED
12/6/2023

For open parking areas where solar canopies will cover more than 75 percent of the parking spaces in an #accessory# off-street parking facility or #public parking lot#, or any portion thereof with more than 10 parking spaces, the provisions of Sections 37-921 or 37-922 may be modified as follows:

(a) the tree planting requirements of paragraph (b)(3) of Section 37-921 (Perimeter landscaping) need not apply where a solar canopy is proposed within 10 feet of a portion of a perimeter

landscaped area along a #street# frontage necessitating a tree; and

(b) the interior landscaping requirements of Section 37-922 (Interior landscaping) need not apply to such portion covered by a solar canopy.