

ARTICLE E – PARKING, LOADING, AND STACKING

Section 156.E.001, Purpose and Applicability

- A. **Purpose.** The purpose of this Article is to ensure that:
1. *Provision of Parking.* Adequate, attractive, and safe off-street parking is provided by this Ordinance.
 2. *Residential Protection.* Sufficient parking is provided in nonresidential areas that are near residential neighborhoods, so that the character and quality of life in the residential neighborhoods are protected from overflow parking;
 3. *Provision of Loading Spaces.* Adequate loading areas are provided that do not interfere with the function of other vehicular use areas;
 4. *Provision of Access.* Access to sites are managed to maintain the desired function and safety of the adjacent street(s); and
 5. *Lighting.* Vehicular use areas and sites are designed and lighted to promote public safety without creating undue light pollution and off-site glare.
- B. **Applicability.**
1. *Development Activities.* The standards of this Article apply to the following development activities:
 - a. New residential, nonresidential, or mixed-use development or change in use from residential to nonresidential or mixed-use;
 - b. Increase in apartment units, manufactured home pads, gross floor area, or impervious surface by 20 percent or more, cumulatively over a five-year period; or
 - c. Change in use requiring additional parking, loading, or stacking spaces (also known as vehicle use areas).
 2. *Exemptions.*
 - a. Changes in the use(s) of existing buildings that result in fewer required parking, loading, or stacking spaces shall not be required to provide additional parking spaces.
 - b. A permitted use may be converted to another permitted use without full compliance with the required number of parking, loading, or stacking spaces if the Zoning Administrator determines:
 - i. No additional parking, loading, or stacking spaces could be provided without removing or partially removing a structure; and
 - ii. The amount of parking, loading, or stacking spaces available is at least 80 percent of the parking, loading, or stacking required for the new use.
 3. *Change of Use (Maximum Parking).* Uses with off-street parking in excess of the maximum allowed for a nonresidential use resulting from a change of use in an existing building are not required to remove the excess parking spaces.
- C. **Timing of Compliance.** A Certificate of Occupancy will not be issued until all site improvements required in this Article are constructed in conformance with the approved permit or plan required in [Section 156.J.002, Common Review Provisions](#).

Section 156.E.002, General Requirements

- A. **Generally.** Off-street loading, stacking, and access shall be provided, located, and designed in accordance with the standards of this Article.
- B. **Lighting and Noise.** The following standards shall apply to all vehicle use areas:
1. Lighting shall comply with [Article H, Outdoor Lighting](#).
 2. An area used for primary circulation, frequent idling of vehicle engines, or loading activity shall be designed and located to minimize the effects of noise, pollution, and vehicle lights on an adjoining property.

- C. **Associated Building, Use, or Structure.** Vehicle use areas (VUA) shall be maintained as long as the associated building, use, or structure is in use or operation. No person shall utilize such building, use, or structure without providing the VUAs required in this Article. It shall be unlawful to discontinue, reduce, or remove the required VUAs apart from the discontinuance, removal, or reduction of the building, use, or structure that requires the VUA.
- D. **Maneuvering Space.**
 - 1. *Prohibited.* No VUA shall be designed or built to require a vehicle to maneuver into a public right-of-way or overhang or encroach an adjacent property under separate ownership in order to park, load, unload, or stack, except:
 - a. In the case of single-family and duplex dwellings where backing onto the public right-of-way is permitted; or
 - b. Where a cross-access easement is in place.
 - 2. *Barrier.* In order to prevent overhang or encroachment described in Paragraph 1, *Prohibited*, above, a VUA shall include a permanent curb, wall or other physical barrier. Such a physical barrier shall be located a minimum of two feet from the right-of-way or property line.
- E. **Location.** Except as permitted in [Section 156.E.006, Parking Credits and Reductions](#), a VUA required by this Article shall be located on the same property as the building, use, or structure it serves and it shall be located behind any required bufferyard as set out in [Article F, Landscaping, Buffering, and Screening](#).
- F. **Calculations.**
 - 1. *Fractions.* If the final calculated number of required parking, loading, or stacking spaces includes a fractional space, the number of required spaces shall be increased to the next whole number if the fraction is five-tenths or more, and when the fraction is less than five-tenths, the next lower whole number shall apply.
 - 2. *Variables for Calculating Required Spaces.* The variables used for calculating spaces are measured as shown in [Table 156.E.002, Parking, Loading, and Stacking Variable Meanings](#).

Table 156.E.002 Parking, Loading, and Stacking Variable Meanings	
Variable	The number of required spaces is calculated based on the number of:
Per Dwelling Unit	Dwelling units on the subject property.
Per Campsite	Spaces available for a recreational vehicle to connect to utilities provided at the recreational vehicle park.
Per Bedroom	Bedrooms in the facility instead of the number of bed or some other measure.
Per Gross Floor Area	Gross floor area of the establishment, which measurement is described in Subsection 156.B.008.a, Measurements .
Per Employee	Employees during the shift in which the maximum number of employees is present.
Per Seat	Seats affixed to the floor that are provided to guests (patrons, members, etc.), with benches or pews measured as one seat per two feet of width. Space requirements for uses with unaffixed seats shall be based on the seating capacity permitted by the Fire Code and approved by the Fire Marshal's office.
Per Student	Students or enrollees that the facility is permitted to have according to the appropriate licensing agency, if applicable.

- 3. *Multiple Nonresidential Uses.* If several nonresidential uses occupy a single parcel or building, the parking requirements shall be calculated separately for each use within the development, or as set out in [Section 156.E.006, Parking Credits and Reductions](#), whichever results in a lesser number of required spaces.

- G. **Surfacing and Drainage.** All vehicle use areas shall be graded, surfaced, and maintained so that water does not accumulate, flow, or drain onto abutting public or private property. The surfacing of VUAs shall consist of asphalt, concrete, or other all-weather surface approved by the City Engineer.
- H. **Dedication of Spaces.** Off-street parking, loading, and stacking spaces shall not be used interchangeably to meet one another's requirements nor shall their placement interfere with one another's use.
- I. **Insufficient Vehicle Use Area.** The Zoning Administrator may require a landowner to provide additional VUA even if the number of spaces provided meets the minimum requirement for the established use, if vehicles are consistently required to park or unload on the street (where on-street parking is prohibited) or on other properties due to a lack of usable VUA.

Section 156.E.003, Parking Design

A. Design and Construction Requirements.

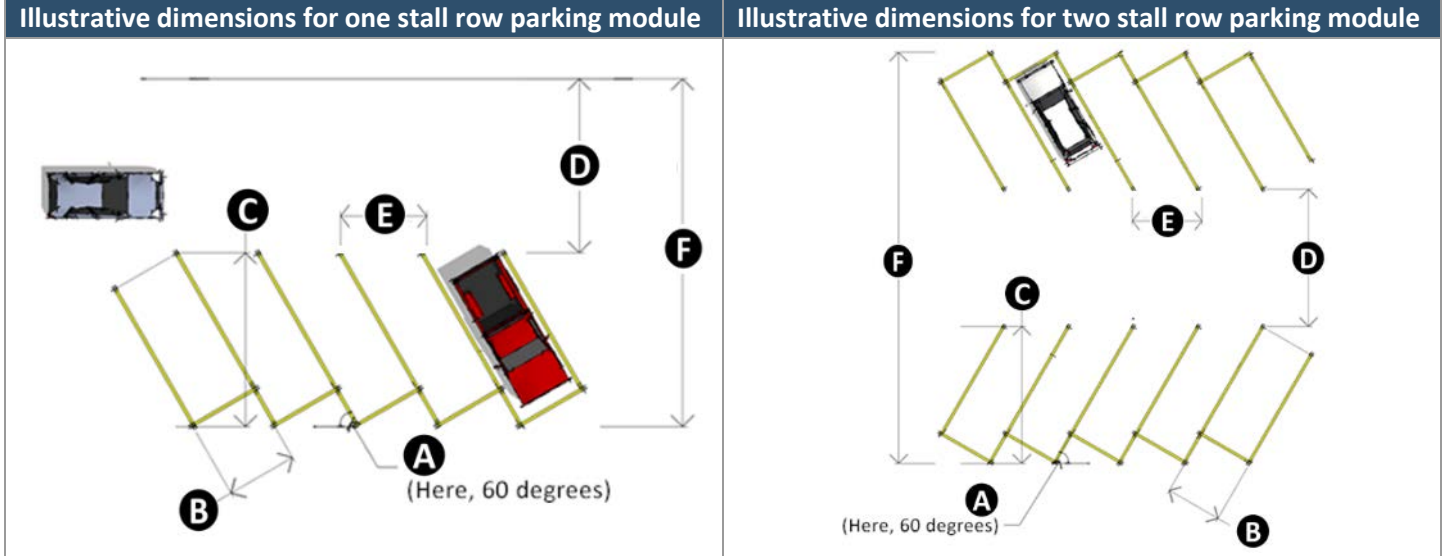
- 1. *Tandem Parking.* Each parking space shall be accessible from a street or alley through aisles and/or driveways, except that tandem parking arrangements are permitted for single-family, two-family, and manufactured home uses or as allowed based on an approved parking study as described in [Section 156.E.006, Parking Credits and Reductions](#).
- 2. *Dead-End Aisles.* Dead-end aisles are not permitted unless adequate turnarounds usable by a two-axle vehicle are provided.
- 3. *Marking.* All parking spaces for nonresidential and mixed-uses shall be clearly marked on the pavement with yellow or white traffic paint or raised pavement markers approved by the City Engineer.
- 4. *Parking Space Orientation.* Parking areas shall be designed to minimize headlights shining into residential properties.
- 5. *Parking Module Dimensions.* Parking modules shall be dimensioned as shown in Table 156.E.003, *Parking Module Dimensions*. The dimensions that are set out in the table are illustrated in Figure 156.E.003, *Illustrative Parking Module Configurations*.

Table 156.E.003 Minimum Parking Module Dimensions								
A	B	C		D		E	F	
Angle of Parking (Degrees)	Width of Stall	Depth of Stall 90 Degrees to Aisle		Width of Aisle		Width of Stall Parallel to Aisle	Module Width	
		One Way	Two Way	One Way	Two Way		One Way	Two Way
30	9.5	16.8	12.9	11	18	18	44.6	43.8
45	9.5	19.1	15.9	13	18	12.7	51.2	49.8
60	9.5	20.1	17.8	18	18	10.4	58.2	53.6
90	9.5 ¹	18	18	24	24	9	42	60
Parallel	9.5	21 ² (length)	21 ² (length)	12	18	N/A	30	36

TABLE NOTES:
¹End spaces must be 12 feet
²End spaces may be 18 feet

Figure 156.E.003

Illustrative Parking Module Configurations



B. Surfacing and Drainage.

1. *Paving and Grading.* Except as set forth in Subsection D, *Alternative Paving Materials*, below, all off-street parking areas, driveways, and access drives must be paved with an all-weather surface and graded and drained as to dispose of all surface water accumulations within the area.
2. *Equipment and Service Vehicles.* Areas used to store equipment or service vehicles used in connection with the operation of a business located on the premises, may be surfaced with gravel or grass that is maintained to eliminate blowing dust and erosion.

C. Setback. No part of any parking area shall be closer than five feet to any established street right-of-way, alley, or property line. Where a parking area of a non-residential use or district adjoins any residential use or district, it shall be screened in accordance with the standard of [Section 156.F.004, Buffering](#).

D. Alternative Paving Materials. The City Engineer may approve alternative paving materials for parking areas not specified in [Section 156.E.002.F, Surfacing and Drainage](#), if the City Engineer determines that the alternative, compared to the permitted materials, is substantially equal to or better in quality and durability.

E. Snow Storage. Parking lots and landscaping and buffering required by [Article F, Landscaping, Buffering, and Screening](#), shall be designed so that snow can be efficiently plowed into on-site storage areas. Snow storage areas shall be located and designed so that:

1. *Reduction of Spaces.* The amount of parking on the site is not reduced below 80 percent of the number of spaces required by [Table 156.E.004-1, Minimum and Maximum Off-Street Parking](#), when snow is stored on-site;
2. *Circulation and Visibility.* Storage of snow does not interfere with circulation on the site or with visibility at points of ingress or egress or at street intersections;
3. *Landscape Islands.* Landscape islands shall not be used for snow storage unless specifically identified on the site development plan. All light poles, landscaping, or internal pedestrian pathways shall be protected from vehicle encroachment with concrete curbing or similar permanent and elevated landscaping elements approved by the Zoning Administrator.
4. *Risk Mitigation.* The location of the snow storage area does not create an unreasonable risk of snow being pushed into street rights-of-way;
5. *Heavy Snow Events.* The snow storage area is located and configured so that snow can be removed from the site during periods of heavy snowfall that are combined with sub-freezing temperatures; and

6. *Pervious Storage Area.* The area under the stored snow is pervious landscape area, and runoff from snowmelt is directed through stormwater best management practices (BMPs) to slow water and improve its quality.

Section 156.E.004, Required Off-Street Parking

- A. **Applicability.**
 1. This Section applies to all uses and structures in all zoning districts, except as provided below.
 2. The minimum requirements of this Section do not apply to the Urban Core (UC) district. However, the maximum requirements of this Section do apply.
- B. **Residential Parking.** Parking spaces for Household Living use types or specified building types that are located in private garages, carports, or individual driveways do not have to be marked. An area on a private residential lot is considered a parking space if:
 1. *Dimensions.* The area is at least 9.5 feet wide and 20 feet deep in dimension and is not part of an access drive to a private garage or carport;
 2. *Encroachment.* The area does not encroach upon a public sidewalk;
 3. *Surface.* The area has an improved hard surface as required in Section 156.E.003.B, *Surfacing and Drainage*; and
 4. *Access.* The area is accessible from the street or alley.
- C. **Minimum and Maximum Spaces.** Off-street parking spaces must be provided for the uses listed in Table 156.E.004, *Minimum and Maximum Parking*, below. The uses must provide the minimum number of off-street parking spaces, and parking spaces may not exceed the maximum number of spaces.
- D. **Multiple Activities.** Except as otherwise provided, where multiple activities associated with a single-use take place on-site, the required parking shall include a combination of the site's activities. For example, a truck stop is required to provide parking based on applicable retail sales area, car wash, overnight accommodations, and any other applicable activities.

Table 156.E.004 Minimum and Maximum Parking					
SF = square feet		GFA = Gross Floor Area		-- = No minimum or no maximum, as applicable	
Use Category	Subtype	Minimum Spaces	Maximum Spaces		
Residential and Agricultural					
Household Living	Dwelling, Apartment	1 per dwelling unit	1 per bedroom		
	Dwelling, Single-Family Attached	2 per dwelling unit	4 per dwelling unit		
	Dwelling, Single-Family Detached	2 per dwelling unit	4 per dwelling unit		
	Dwelling, Duplex	2 per dwelling unit	4 per dwelling unit		
	Dwelling, Townhouse	2 per dwelling unit	4 per dwelling unit		
	Dwelling, Multiplex	1 per dwelling unit	1 per bedroom		
	Manufactured Home Park	Zero	2 per dwelling unit		
Group Living	Assisted Living Facility	0.3 per unit + 0.75 per employee	1 per unit + 1 per employee		
	Boarding or Rooming House	1 per bedroom	1 per bedroom		
	Group Home	2 per dwelling unit	2 per dwelling unit		
	Nursing Home	1 per 2 beds	1 per 2 beds		

Table 156.E.004			
Minimum and Maximum Parking			
SF = square feet GFA = Gross Floor Area -- = No minimum or no maximum, as applicable			
Use Category	Subtype	Minimum Spaces	Maximum Spaces
	Group Living (Other than Listed)	2 per dwelling unit	2 per dwelling unit
Residential Accessory Uses ¹	Accessory Dwelling Unit	1 per dwelling unit	1 per dwelling unit
	Bed and Breakfast Home	1 per bedroom	1 per bedroom
	Farm Stand	1 per stand	3 per stand
	Group Day Care (6 to 12 children)	--	1 per dwelling unit
	Residential Accessory Use (Other than Listed)	--	--
	Upper-Story Residential	1 per dwelling unit	1.5 per dwelling unit
Agricultural and Animal Services	Community Garden	1 per 500 SF GFA	1 per 200 SF GFA
	Kennel	1 per 1,000 SF GFA	1 per 250 SF GFA
	Plant Nursery, Greenhouse, and Landscaping Business	--	--
	Veterinary Clinic	1 per 500 SF GFA	1 per 200 SF GFA
	Veterinary Hospital	1 per 500 SF retail area	1 per 300 SF retail area
	Crop Production	--	--
	Nursery (Retail)	1 per 500 SF retail area	1 per 200 SF retail area
	Stable (Public or Commercial)	1 per horse boarded	2 per horse boarded
Public and Institutional			
Day Care	Adult Day Care	1 per employee	1.75 per employee
	Pre-School or Child Day Care Center	1 per employee	1.75 per employee
	Group Day Care Center	1 per employee	1.75 per employee
	Botanical Garden, Nature Preserve or Trail	--	--
	Bus or Train Passenger Terminal	--	--
Educational Facilities	College or University	1 per 400 SF office, research, and library area; plus 1 space per 300 sq ft assembly areas and classrooms	1 per 300 SF office, research, and library area; plus 1 space per 250 sq ft assembly areas and classrooms
	Training Facility or Vocational School	1 per 300 SF GFA	1 per 250 SF GFA

Table 156.E.004 Minimum and Maximum Parking			
SF = square feet GFA = Gross Floor Area -- = No minimum or no maximum, as applicable			
Use Category	Subtype	Minimum Spaces	Maximum Spaces
	School, Primary or Secondary (Public or Private) -Primary -Secondary	2 per classroom (Primary); 1 per employee + 1 per 5 students (Secondary)	--
	All Other Educational Facilities	1 per 400 SF GFA	1 per 350 SF GFA
Government Facilities	Government / Non-Profit Office	1 per 400 SF GFA	1 per 200 SF GFA
	Government Services (Police, Fire, Emergency Medical Services)	--	--
Medical Facilities	Hospital	1 per 3 patient beds	1 per 2 patient beds
	Funeral Home or Mortuary	1 per 6 seats	1 per 1.5 seats
	Clinic, Medical Lab, or Urgent Care	1 per 300 SF GFA	1 per 150 SF GFA
Parks and Open Areas	Botanical Garden, Nature Preserve or Trail	--	--
	Cemetery, Columbarium, Mausoleum, or Memorial Park	--	--
	Park, Playground, and Common Open Space	--	--
Passenger Terminal	Airport or Heliport	-Special Study, refer to Section 156.E.004.F	
	All other Passenger Terminal Uses	--	--
Public Assembly	Club or Lodge	1 per 300 SF GFA	1 per 200 SF GFA
	Place of Public Assembly	1 per 6 seats	1 per 1.5 seats
	Library, Aquarium, Museum, or Gallery	1 per 1,000 SF GFA	1 per 500 SF GFA
	Senior, Youth, or Community Center	1 per 300 SF GFA	1 per 200 SF GFA
Social Service	All Social Services	Special Study, refer to Section 156.E.004.F	
Utilities	Major Utility	1 per employee	--
	Minor Utility	--	--
Commercial and Office			

Table 156.E.004			
Minimum and Maximum Parking			
SF = square feet GFA = Gross Floor Area -- = No minimum or no maximum, as applicable			
Use Category	Subtype	Minimum Spaces	Maximum Spaces
Adult Business	Adult Entertainment Business	1 per 400 SF GFA	1 per 200 SF GFA
Entertainment (Indoor)	Archery / Firearms Range	1 per 3 bays or 1 per 300 SF firing area if no bays	1 per bay or 1 per 100 SF firing area if no bays
	Bar or Tavern	1 per 200 SF GFA	1 per 100 SF GFA
	Bowling Alley	1 per lane	4 per lane
	Dance Club or Dance Hall	1 per 200 SF GFA	1 per 100 SF GFA
	Fitness Gym	1 per 600 SF GFA	1 per 200 SF GFA
	Entertainment (Indoor) (Other than Listed)	1 per 450 SF GFA	1 per 100 SF GFA
	Movie or Other Theater	1 per 4 seats	1 per 3 seats
	Tattoo or Piercing Business	1 per chair plus 1 per employee	1.5 per chair plus 1 per employee
Entertainment (Outdoor)	Amphitheater	1 per 6 seats or 1 per 30 SF if no permanent seats	1 per 4 seats or 1 per 50 SF if no permanent seats
	Campground without Overnight Accommodations	1 per campsite	--
	Golf Course	--	5 per hole
	Golf Driving Range	1 per tee area	3 per tee area
	Mini-Golf Course	1 per 300 SF outdoor entertainment area plus 1 per 200 SF GFA	1 per 250 SF outdoor entertainment area plus 1 per 150 SF GFA
	Entertainment (Outdoor) (Other than Listed)	1 per 1,000 SF outdoor entertainment area	1 per 300 SF outdoor entertainment area
	Stadium, Running Track, or Ball Field	1 per 6 seats or 1 per 50 SF if no permanent seats	1 per 4 seats or 1 per 30 SF if no permanent seats
Offices/Suites	Bank or Credit Union	1 per 350 SF GFA	1 per 200 SF GFA
	Offices (Other than Listed)	1 per 400 SF GFA	1 per 200 SF GFA
Overnight Accommodations	Bed and Breakfast Inn	0.3 per guest room + 1 per 3 persons (based on maximum design occupancy) for accessory meeting space and catered functions	1 per guest room + 1 per 1 person (based on maximum design occupancy) for accessory meeting space and catered functions
	Campground with Overnight Accommodations	1 per campsite	--

Table 156.E.004			
Minimum and Maximum Parking			
SF = square feet GFA = Gross Floor Area -- = No minimum or no maximum, as applicable			
Use Category	Subtype	Minimum Spaces	Maximum Spaces
	Overnight Accommodations (Other than Listed)	.8 per guest room + 1 per 800 SF public meeting area and restaurant space	1 per guest room + 1 per 400 SF public meeting area and restaurant space
Parking, Commercial	All Uses	--	--
Restaurants	Catering Establishment	1 per employee or 1 per 1,500 SF GFA, whichever is less	--
	Food Delivery	1 per employee	2 per employee
	Microbrewery	1 per 200 SF dining or tasting area	1 per 100 SF dining or tasting area
	Restaurant (Other than Listed)	1 per 200 SF GFA	1 per 100 SF GFA
	Restaurant, Drive-In or Drive-Through	1 per 250 SF GFA	1 per 150 SF GFA
Retail Repair, Sales, and Service	All Uses	1 per 400 SF GFA	1 per 200 SF GFA
Self-Service Storage	All Uses	1 per 20 storage stalls	1 per 10 storage stalls
Vehicle Sales and Service	Car Wash	1 per 3 employees	1 per employee
	Heavy Vehicular Equipment Sales, Service, and Repair	1 per 1,000 SF sales and service building(s)	1 per 300 SF sales and service building(s)
	Vehicle Fuel Station	1 per 400 SF GFA	1 per 200 SF GFA
	Vehicle Repair, Major	1 per 250 SF GFA + 1 per employee	1 per 200 SF GFA + 1 per employee
	Vehicle Service, Minor	1 per 400 SF GFA	1 per 200 SF GFA
	All Other Vehicle Sales and Service	1 per 500 SF sales and service building(s)	--
Industrial			
Heavy Industrial	All Uses	1 per employee or 1 per 1,500 SF GFA, whichever is less	--
Light Industrial	Building or Development Contractor	1 per 1,500 SF storage area	1 per 300 SF storage area
	Light Industrial (Other Than Listed)	1 per employee or 1 per 1,500 SF GFA, whichever is less	--
Warehousing and Freight Movement	All Uses	1 per 2,000 SF GFA	--
Waste-Related Service	All Uses	1 per employee + 1 per 15,000 SF of outdoor storage or salvage area	--
Wholesale Trade	All Uses	1 per 1,500 SF GFA	1 per 400 SF GFA

Table 156.E.004 Minimum and Maximum Parking			
SF = square feet GFA = Gross Floor Area -- = No minimum or no maximum, as applicable			
Use Category	Subtype	Minimum Spaces	Maximum Spaces
Notes:			
¹ In addition to the required and maximum for the primary use.			

F. Special Studies.

1. *Generally.*
 - a. Some of the uses listed in Table 156.E.004-1, *Minimum and Maximum Parking*, have widely varying parking demand characteristics. Accordingly, their parking requirements are listed as "Special Study." Required parking for these uses are established according to the standards of this Section.
 - b. Special studies may also be submitted to support a request to reduce the number of required parking spaces to less than that set out in Table 156.E.004-1, due to the nature of the operations and/or location of a proposed use. The special study must include and support all requested reductions in parking. Further parking credits and reductions that are otherwise available pursuant to [Section 156.E.006, *Parking Credits and Reductions*](#), may not be applied when parking reductions are granted pursuant to this Section, unless the reductions are supported by the special study.
2. *Special Study Requirements.*
 - a. A special study must be conducted by a qualified transportation planner or traffic engineer at the applicant's expense.
 - b. The special study must provide:
 - i. A peak parking analysis of at least five functionally comparable uses; and
 - ii. Documentation regarding the comparability of the referenced uses, including: name, function, location, gross floor area, parking availability, access to transportation network (including vehicular, bicycle, pedestrian, and transit), use restrictions, and other factors that could affect the parking demand.
3. *Approval of Special Study.*
 - a. The Zoning Administrator may rely upon the special study or may request additional information or analysis, including, but not limited to: alternative or new data points, or consideration of additional or alternative factors related to comparability or peak demand, as supported by sound engineering principles.
 - b. As a condition of approval of a special study, the Zoning Administrator may require that land be reserved as an undeveloped area for additional future parking if there is a demonstrably high probability the use could change, resulting in a higher demand for parking.

G. Unlisted Uses. Upon receiving a development application for a use not specifically addressed in this Article, the Zoning Administrator shall apply the off-street parking standard specified for the use that the Zoning Administrator deems most similar to the proposed use according to [Section 156.C.010, *New and Unlisted Uses*](#), or require that the applicant provide a special study according to Subsection F, *Special Studies*, above.

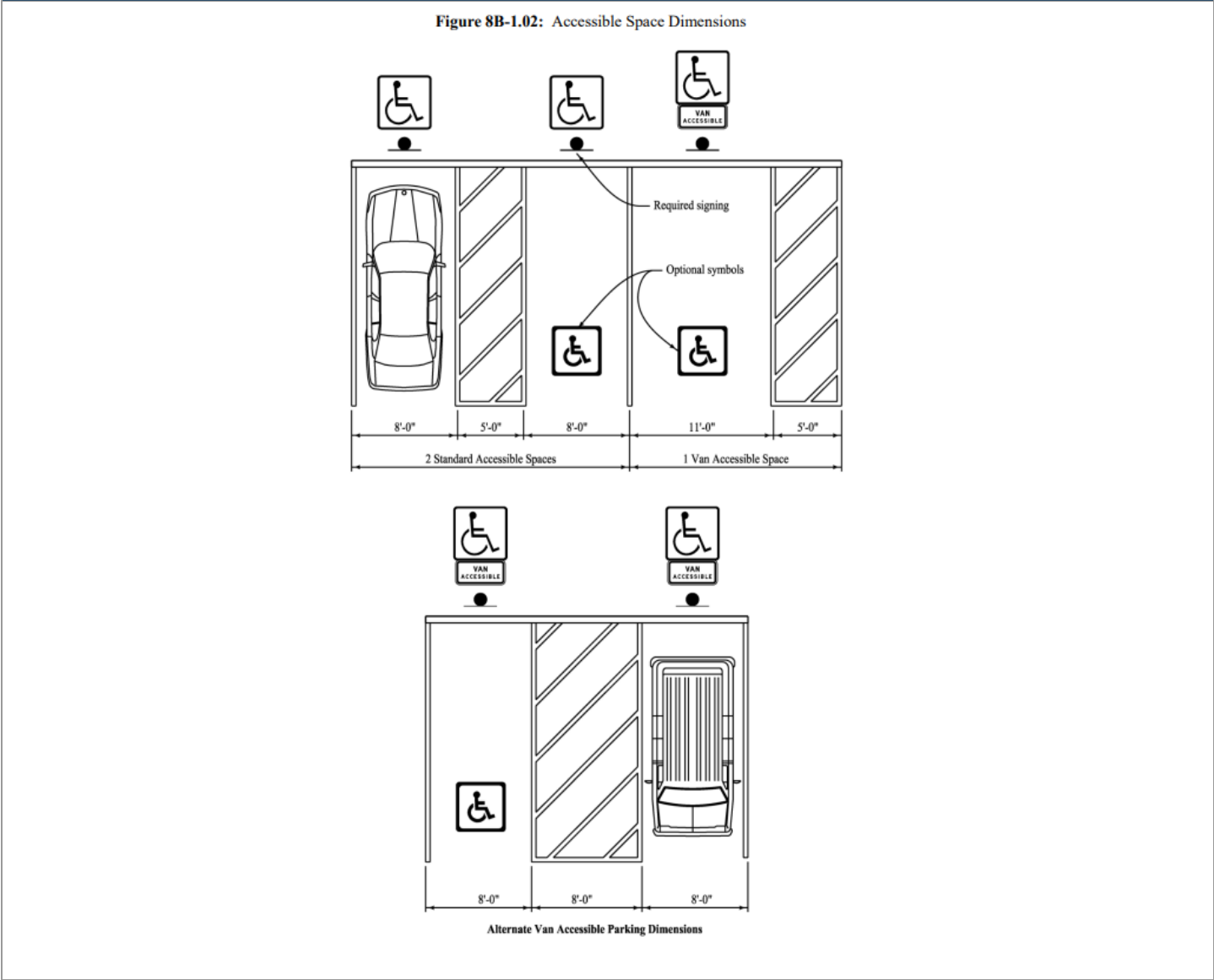
Section 156.E.005, Required Accessible Parking

A. Number of Required Spaces. Parking for disabled persons shall be provided as set out in [Table 156.E.005-1, *Accessible Parking Requirements*](#), or as required by the Americans with Disabilities Act (ADA) Standards for Accessible Design and ADA Accessibility Guidelines for Buildings and Facilities published by the United States Access Board. If any of the standards within this Section and the United States Access Board are in conflict then whichever requires more spaces shall be used. Required accessible parking spaces are included in the total number of required parking spaces per [Section 156.E.004, *Required Off-Street Parking*](#).

Table 156.E.006-1 Accessible Parking Requirements		
Number of Required Parking Spaces	Minimum Number of Accessible Parking Spaces	Minimum Number of Van-Accessible Parking Spaces
1 to 25	1	1
26 to 50	2	1
51 to 75	3	1
76 to 100	4	1
101 to 150	5	1
151 to 200	6	1
201 to 300	7	2
301 to 400	8	2
401 to 500	9	2
501 to 1000	2 percent of total parking provided in each lot or structure	1 out of 6 accessible spaces, rounded up
1001 and over	20 plus 1 for each 100 over 1000	1 out of 6 accessible spaces, rounded up

B. **Parking Space Size Specifications.** Figure 156.E.005-1, *ADA Parking Space Dimensions*, details the specific size requirements for both standard automobile and van accessible ADA accessible parking spaces.

**Figure 156.E.005-1
ADA Parking Space Dimensions**



Section 156.E.006, Parking Credits and Reductions

- A. **Generally.** This Section sets out several ways to reduce or receive credit for the number of required off-street parking spaces that must be provided according to [Section 156.E.004, Required Off-Street Parking](#).
- B. **Administrative Credits and Reductions.** The Zoning Administrator may approve the following parking credit and reduction options for a property. If such administrative reductions are proposed in a legislative review application the presence of such reductions shall have no bearing on the recommendation or final decision of the administrative review bodies involved. The administrative credit and reduction options are cumulative if more than one is used on a property.
 - 1. *On-Street Parking Credit.*
 - a. On-street parking spaces may provide credit to satisfy the minimum parking space requirements in the nonresidential and mixed-use zoning districts established in [Section 156.E.004, Required Off-Street Parking](#) on streets designed for on-street parking. The use of on-street parking spaces to satisfy minimum parking requirements in no way guarantees the use of such parking spaces to customers, employees, or visitors of the subject property.

- b. On-street spaces shall be located on a public or private street, shall be available to the general public, and directly abutting the subject property.
- c. Bus stops, clear zones adjacent to curb cuts, and other areas in which parking is prohibited shall not be included in the calculation of available on-street parking spaces.
- d. An on-street parking space shall be a minimum of 20 feet in length. A minimum of 16 linear feet of an on-street parking space shall be directly adjacent to the subject property in order to be counted as a parking space.

2. *Shared Parking Reduction.*

- a. Shared parking allows a reduction of up to 25 percent in the total number of required parking spaces when a property is occupied by two or more uses that typically do not experience peak use of parking areas at the same time. When any land or building is used for two or more uses that are listed in Table 156.E.005-1, *Shared Parking Table*, below, the minimum total number of required parking spaces may be determined by the following procedures, which are followed by Table 156.E.005-2, *Illustrative Shared Parking Credit Calculation*, showing an example of how to calculate shared parking reductions.
 - i. Determine the minimum parking requirements for each use category in Column (A) as if it were a separate use excluding spaces reserved for use by specified individuals or classes of individuals (for example, accessible spaces or spaces posted as “reserved”);
 - ii. Multiply the sum of required parking spaces for each use by the corresponding percentages for each of the five time periods set forth in Columns (B) through (F) of Table 156.E.005-1, below;
 - iii. Calculate the total for each time period; and
 - iv. Select the Column with the highest total to find the required number of shared spaces.

Table 156.E.006-1, *Shared Parking Table*

(A) Use Category	Weekday		Weekend		(F) Night (midnight to 6 AM)
	(B) Day (6 AM to 6 PM)	(C) Evening (6 PM to midnight)	(D) Day (6 AM to 6 PM)	(E) Evening (6 PM to midnight)	
Residential	60%	90%	80%	90%	100%
Offices	100%	10%	10%	5%	5%
Retail Sales or Personal Service	60%	90%	100%	70%	5%
Overnight Accommodations	75%	100%	75%	100%	75%
Restaurant	50%	100%	100%	100%	10%
Indoor Recreation or Outdoor Recreation	40%	100%	80%	100%	10%
All Others	100%	100%	100%	100%	100%

Table 156.E.006-2, illustrative Shared Parking Reduction Calculation

EXAMPLE: A mixed-use building in the MU zoning district has 35 apartments, 30,000 square feet of general office space, and 40,000 square feet of retail space. Separately, these uses would require 270 parking spaces ((35 sp. x 2 sp. / unit) + (30,000 sf. x (1 sp. / 350 sf.)) + (40,000 sf. x (1 sp. / 350 sf.)) = 270). However, combined, they could share 196 parking spaces, a 27% reduction.

(A) Use Category	Weekday		Weekend		(F) Night (midnight to 6 AM)
	(B) Day (6 AM to 6 PM)	(C) Evening (6 PM to midnight)	(D) Day (6 AM to 6 PM)	(E) Evening (6 PM to midnight)	
Residential 70 spaces	60% x 70 = 42	90% X 70 = 63	80% = 56	90% = 63	100% = 70
Office or Industrial 86 spaces	100% x 86 = 86	10% x 86 = 9	10% x 86 = 9	5% x 86 = 4	5% x 86 = 4
Retail Sales and Service 114 spaces	60% x 114 = 68	90% x 114 = 103	100% x 114 = 114	70% x 114 = 80	5% x 114 = 6
COLUMN TOTALS	196	175	179	147	80

TABLE NOTE:

The largest number, 196, is the number of parking spaces required. This example is a 27 percent reduction compared to individual calculations.

- b. Where a shared parking reduction is to be applied to uses on two or more lots under different ownership, the following shall be provided to the Zoning Administrator:
 - i. A plan that provides for interconnected parking lots and required residential spaces to be clearly designated and separated from spaces provided for employees, customers, and service;
 - ii. Recorded easements, accepted on a form acceptable to the City Attorney, that provide, at a minimum:
 - (A) A guarantee of each owner’s rights to the use of the parking facility;
 - (B) A requirement that any termination of or amendment to the agreement shall be subject to the approval of the City;
 - (C) Cross-access among the parking areas and connections to allow parking by the different uses anywhere on the connected properties;
 - (D) Allocation of maintenance responsibilities;
 - (E) A pedestrian circulation system that connects uses and parking areas, making it easy and convenient for pedestrians to move between uses; and
 - (F) A right of enforcement by the City.
- 3. *Off-Site Parking Credit.* Off-site parking spaces may provide credit to satisfy the minimum parking space requirements in any nonresidential or mixed-use zoning district subject to the following:
 - a. The off-site parking lot is within 300 feet of the subject property, measured from the nearest property lines;
 - b. The parking lot is wholly within a nonresidential or mixed-use zoning district; and
 - c. The parking lot complies with all applicable requirements of this Zoning Ordinance.
- C. **Legislative Credits and Reductions.**
 - 1. *Plan and Zoning Commission.* The Plan and Zoning Commission may approve a reduction in the number of required parking spaces if the applicant demonstrates that a reduction is appropriate based on the applicant providing a parking study with specific parking demand forecasts for the proposed use and/or on the provision of alternative parking or transportation demand management programs that tend to reduce the demand for parking spaces, provided that:
 - a. The study is prepared by a professional transportation planner or traffic engineer;

- b. The forecasts are based upon a peak parking analysis of at least five comparable uses; and
 - c. The comparability of the uses is documented in detail, including their location, gross floor area, street access, use types and restrictions, hours of operation, peak parking demand periods, and all other factors that could affect parking demand.
2. *Transportation Professional.* The Zoning Administrator may retain a qualified transportation planner or traffic engineer, at the applicant's expense, to review the parking demand forecast and provide recommendations to the Plan and Zoning Commission.
 3. *Reserve.* The balance of the land necessary to meet the parking requirements shall be held in reserve as an undeveloped area, to meet any future needs generated by an expansion of the business, a change in land use, or underestimated parking demand.

Section 156.E.007, Off-Street Loading

- A. **Generally.** This Section establishes the requirements with off-street loading spaces in connection with any nonresidential or mixed-use building, structure, or use which is to be erected or substantially altered to provide adequate space for off-street loading, unloading, and the maneuvering of shipping and delivery vehicles in the GC, GI, and MU zoning districts.
- B. **Minimum Number of Off-Street Loading Spaces Required.** Off-street loading facilities shall be provided in accordance with the requirements in Table 156.E.007, *Minimum Off-Street Loading Spaces Required*.

Table 156.E.007 Minimum Off-Street Loading Spaces Required		
Use Groupings ¹	Gross Floor Area in Square Feet	Number of Required Loading Spaces
Industrial	Less than 10,000	0
	10,000–50,000	1
	50,001–100,000	2
	Each additional 100,000	1
Commercial and Office, Public and Institutional	Less than 10,000	0
	10,000–100,000	1
	100,001–200,000	2
	Each additional 100,000	1
All Other Use Groupings	N/A	N/A

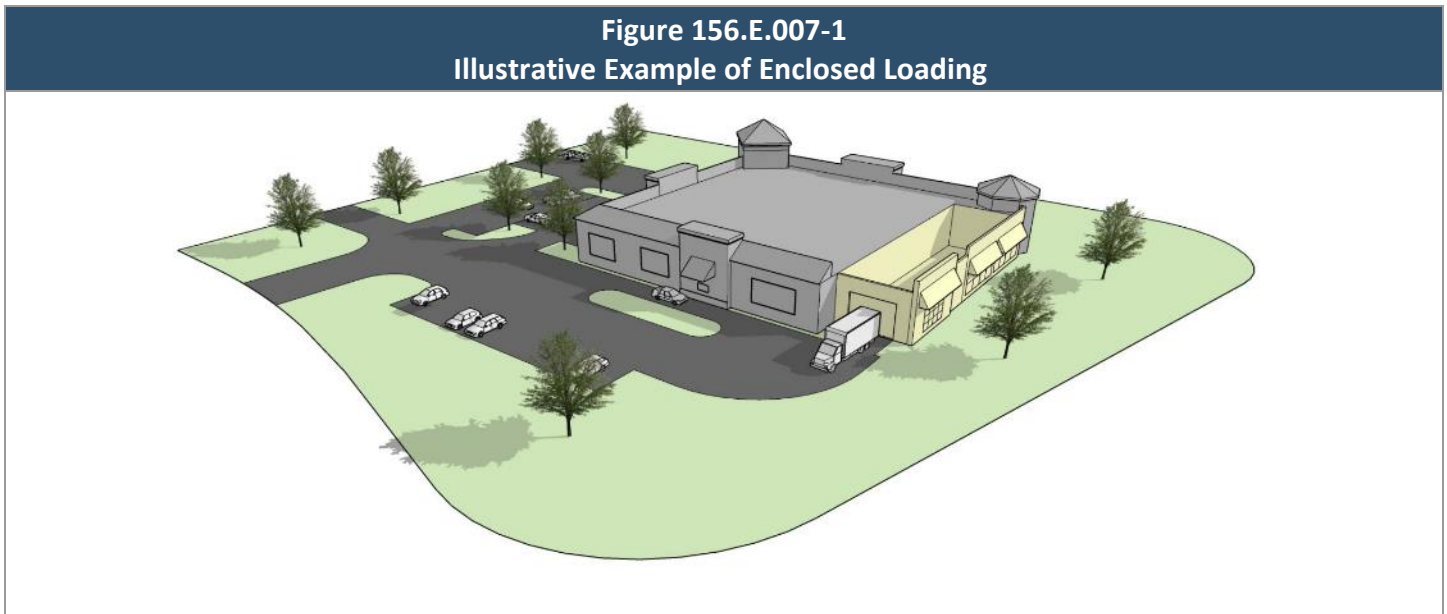
Table Notes:
 N/A = Not Applicable
¹Refer to overall groupings of the uses in the Use Table in Section 156.C.003 (for example, Agricultural, Residential, etc).

- C. **Design.** To minimize impacts, off-street loading areas shall comply with the following standards:
 1. *Lighting.* Any lighting used to illuminate off-street loading or unloading areas may not glare on any right-of-way or adjacent property.
 2. *Location.* Not be located within 40 feet of the nearest point of intersection of any two streets with no loading dock visible from a thoroughfare or collector street right of way;
 3. *Buffering.* Docks and loading spaces shall be located behind buildings and screened from view from abutting properties and public right-of-way. Truck access and loading areas that are located between a principal building and a residential property shall comply with the following additional standards:
 - a. *Use of Enclosed Loading.* The loading area shall be enclosed by a roof and a wall between the principal building and the property boundary line (as depicted in Figure 156.E.007-1, *Illustrative Example of Enclosed Loading*, below). The walls of the enclosure shall be tall enough to completely screen the delivery vehicle and shall be designed and constructed with architectural elements such as windows, awnings, or other

features that complement the exterior of the principal building. The portion of the bufferyard between the enclosed loading and the property line may be reduced by one level of opacity with the remainder of the bufferyard being the opacity level required by Table 156.F.004-1, *Bufferyard Types*, for the applicable zoning district; or

- b. *Absence of Enclosed Loading.* The loading area shall be screened along its length by a district bufferyard that has one additional level of opacity (for example, from a Type B bufferyard to a Type C bufferyard) than required by Table 156.F.004-1 and, additionally, the loading area shall contain an eight-foot-tall masonry wall that is designed and constructed with the same primary exterior finish materials of the principal building.

Figure 156.E.007-1
Illustrative Example of Enclosed Loading



D. Types of Loading Spaces.

- 1. *Loading for Industrial Uses.* Each required loading space in the GI, General Industrial zoning district shall be a minimum of 12 feet in width and 45 feet in depth.
- 2. *Other Uses.* All other required loading spaces shall be a minimum of 12 feet in width and 18 feet in depth. All required loading spaces shall have a minimum vertical clearance of 15 feet and shall be designated by signs as loading spaces.

E. Mixed-Use Developments. Where mixed-use developments may be adequately and conveniently served by a common loading area, the Zoning Administrator may approve a reduction in spaces required in Table 156.E.007-1, *Minimum Off-Street Loading Spaces Required*. For this purpose, the minimum number of required spaces shall be based on the Use Category having the greatest number of resulting spaces.

F. Outdoor Storage. For the purposes of this Section, each two square feet of exterior area used for outdoor storage shall be considered equivalent to one square foot of enclosed gross floor area.

Section 156.E.008, Off-Street Stacking

A. Generally. Stacking spaces create capacity of a drive-through lane to hold vehicles while transactions are taking place at drive-through facilities. Stacking spaces are nine feet in width by 20 feet in length and provide direct access to a service window or other improvement. The position in front of a drive-through station (e.g., a service window, ATM, or station at a drive-through bank) is counted as a stacking space.

B. Requirements.

- 1. *Minimum Number.* Uses that include drive-through service shall not have fewer than the number of stacking spaces established in Table 156.E.008, *Stacking Requirements*.

2. *Bypass Lane.* A 10-foot-wide bypass lane is required adjacent to stacking lanes to allow vehicles to travel around the drive-through activity and exit the site or park.
3. *Turn-Around Area.* Controlled entrances shall be designed so that vehicles may turn around without entering the gated area or backing out into the public right-of-way.

Table 156.E.008 Stacking Requirements		
Activity	Minimum Spaces	Measured From
Automated teller machine (ATM)	3	ATM keypad
Bank teller lane	5	Teller window or pneumatic tube station
Carwash stall, automatic	4	Entrance to wash bay
Carwash stall, self-service	3	
Day care drop-off (between 7 to 11 children or adults)	3	Facility passenger loading area
Day care drop-off (11 or more children or adults)	3 plus 1 per every 500 square feet of heated floor area	
School, primary or secondary (public or private)	Determined by Zoning Administrator	
Fuel pump island	2	Pump island
Parking lot, controlled entrance	4	Key code box
Restaurant, drive through (or a functionally similar use) ¹	4	Order box ²
	4	Order box to first window
	2	First window to second window
Vehicle servicing	2	Entrance to stall
Other	Determined by Zoning Administrator	

TABLE NOTE:

¹If one window is provided (for both payment and pick-up), then six stacking spaces are required measured at the order box and five stacking spaces are required between the order box and the window.

²If the restaurant has dual order boxes then 3 spaces are required per order box.

³Each space is measured to include a length of 25 feet.

⁴Stacking shall not block access to driveways or parking areas.

Figure 156.E.008
Illustrative Stacking Requirements

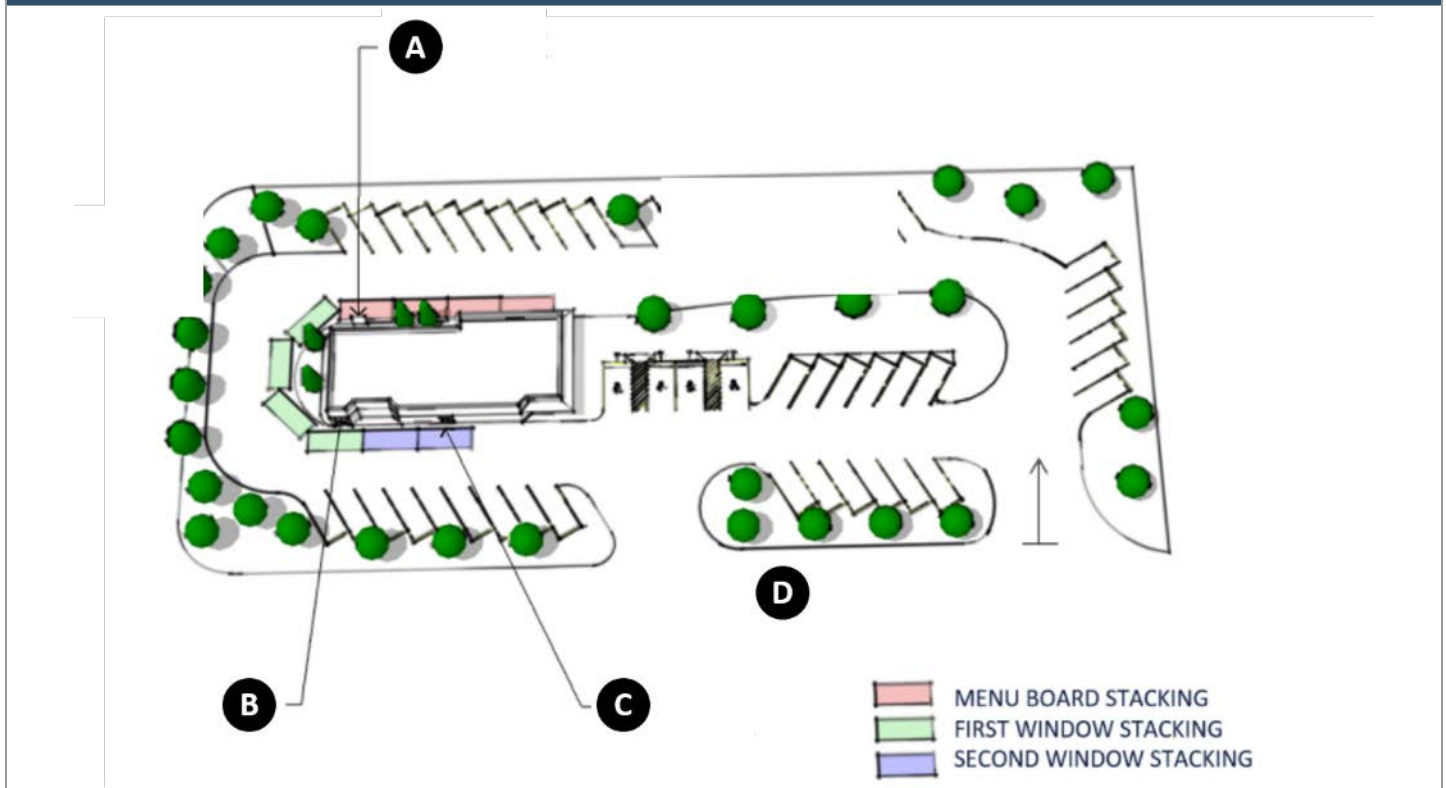


Figure Notes:

A = Order Box | B = First Window | C = Second Window D = Public Right-of-Way