



TO: Knoxville-Knox County Planning Commission

**FROM:** Jessie Hillman, AICP, Principal Planner

**DATE:** 2/28/2024 **SUBJECT:** 3-A-24-OA

The City of Knoxville Plans Review and Inspection staff request Planning Commission review and approval of amendments to the City of Knoxville Zoning Ordinance, Article 11.4: Required Off-Street Parking Spaces; Table 11-2: Required Off-Street Parking.

The attached memo details the proposed parking requirement increase for single-family, two-family and townhouse dwellings. City staff will be available to answer questions about the proposed amendments.



# Request to Postpone • Table • Withdraw

Planning	City of Knoxville		3/7/2024	
KNOXVILLE I KNOX COUNTY	Applicant Name (as it appears on t	he current Planning Commission agenda)	Date of Request	
March 7, 2024			File Number(s)	
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WITHDRAW				
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Payee Name	Payee Phone	Payee Address		



# **Plans Review & Inspections Division**

### **MEMORANDUM**

**DATE:** February 16, 2024

**TO:** Planning Staff

FROM: Peter Ahrens

**Director of Plans Review & Building Inspections** 

**RE:** Zoning Code Amendment

Article 11.4 Required Off-Street Parking Spaces; Table 11-2: Required

**Off-Street Parking** 

**Background** There is a continued demand in the rental market to construct single-family, two-family, and townhouses with a large number of bedrooms to rent by the bedroom. The minimum parking requirements for single-family, two-family, and townhouse uses are two spaces per dwelling unit. This minimum requirement does not take into account the additional parking needs created with a rent by the bedroom model.

The Plans Review and Inspections Department requests the following amendments to the Zoning Code of the City of Knoxville, Article 11.4 Required Off-Street Parking Spaces; Table 11-2: Required Off-Street Parking.

- In Table 11-2, the minimum vehicle parking required for single-family dwelling is 2 per dwelling unit. Add 0.65 additional parking spaces per bedroom after the first four bedrooms.
- In Table 11-2, the minimum vehicle parking required for two-family dwelling is 2 per dwelling unit. Add 0.65 additional parking spaces per dwelling unit per bedroom after the first four bedrooms.
- In Table 11-2, the minimum vehicle parking required for townhouse dwellings is 2 per dwelling unit and 0.25 per dwelling unit for guest parking. Add 0.65 additional parking spaces per dwelling unit per bedroom after the first four bedrooms.

#### **Attachments**

1) Proposed amendments to Article 11.4 Required Off-Street Parking Spaces; Table 11-2: Required Off-Street Parking

Sincerely,

Peter Ahrens Director of Plans Review & Building Inspections 865-215-3938

## 11.4 REQUIRED OFF-STREET PARKING SPACES

# A. General Application

- The minimum and maximum number of off-street vehicle parking spaces shall be determined in accordance with Table 11-2: Required Off-Street Parking, unless otherwise specified in the zoning district.
- 2. In determining the number of parking spaces, when the result contains a fraction, any fraction less than one-half is disregarded and any fraction of one-half or more is counted as one parking space.
- 3. Structured parking is not subject to the maximum number of parking spaces set forth in Table 11-2.
- 4. All parking lot elements required by the Americans with Disabilities Act (ADA) must be accessible. All off-street parking lots must have a number of accessible parking spaces as required by Table 11-3: Required Accessible Parking Spaces, or as amended by ADA:

Table 11-2: Required Off-Street Parking			
Use	Minimum Vehicle Parking Required	Maximum Vehicle Parking Allowed	
Agriculture (Dwelling On-Premises)	2 per du	No limit	
Airport	10 per 1,000 sf GFA of terminal area	No limit	
Alternative Correctional Facility	2 per 1,000 sf GFA of office area	8 per 1,000 sf GFA of office area	
Amusement Facility—Indoor	4 per 1,000 sf GFA Bowling alley: 3 per lane Movie theater: 0.2 per seat	5 per 1,000 sf GFA Bowling alley: 5 per lane Movie theater: 0.5 per seat	
Amusement Facility—Outdoor	Commercial recreation: 4 per 1,000 sf GFA Swimming pool, tennis court: 0.33 per person per design capacity	Commercial recreation: 5 per 1,000 sf GFA Swimming pool, tennis court: 0.5 per person per design capacity	
Animal Care Facility—Large Animal	2.5 per 1,000 sf GFA + 2 per 1,000 sf GFA of pet boarding area	3.5 per 1,000 sf GFA + 4 per 1,000 sf GFA of pet boarding area	
Animal Care Facility—Small Animal	2.5 per 1,000 sf GFA + 2 per 1,000 sf GFA of pet boarding area	3.5 per 1,000 sf GFA + 4 per 1,000 sf GFA of pet boarding area	
Animal Breeder	2 spaces (in addition to dwelling requirements)	4 spaces (in addition to dwelling requirements)	
Art Gallery	3 per 1,000 sf display floor area	4 per 1,000 sf display floor area	
Arts and Fitness Studio	4 per 1,000 sf GFA	5 per 1,000 sf GFA	
Bed and Breakfast	1 per guest room	1.25 per guest room	
Body Modification Establishment	3 per 1,000 sf GFA	5 per 1,000 sf GFA	
Broadcasting Facility—With or Without Antennae	3 per 1,000 sf GFA of office area	8 per 1,000 sf GFA of office area	
Campground	1 per campsite	4 per campsite	
Car Wash—With Employees	0.5 per employee on shift of greatest employment	1 per employee on shift of greatest employment	
Cemetery	3 per 1,000 sf of office and public assembly area	8 per 1,000 sf of office and public assembly area	
Community Center	0.25 per seat in main assembly area	0.5 per seat in main assembly area	

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Conservation Area	Determined by Dept. of	Determined by Dept. of
	Engineering	Engineering
Country Club	Minimum required sum of uses on-	Maximum allowed by sum of uses
	site	on-site
Cultural Facility	3 per 1,000 sf display floor area	4 per 1,000 sf display floor area
Day Care Center	0.67 per employee on shift of	1 per employee on shift of greatest
	greatest employment + 0.125 off-	employment + 0.167 off-street
	street loading space per client	loading space per client
Day Care Home	0.67 per employee on shift of	1 per employee on shift of greatest
	greatest employment + 0.125 off-	employment + 0.167 off-street
	street loading space per client	loading space per client
Domestic Violence Shelter	2 per 1,000 sf GFA of office area	8 per 1,000 sf GFA of office area
Drug/Alcohol Treatment Facility, Residential	1 per patient room	2.5 per patient room
Drug Treatment Clinic	4 per 1,000 sf GFA	10 per 1,000 sf GFA
Dwelling—Above the Ground Floor	0 to 1 bedroom: 1 per du + guest	0 to 1 bedroom: 1.25 per du +
_	parking	guest parking
	2 bedrooms: 1.25 per du + guest	2 bedrooms: 1.75 per du + guest
	parking	parking
	3 bedrooms: 1.5 per du + guest	3 bedrooms: 2.25 per du + guest
	parking	parking
	4+ bedrooms: 2 per du + guest	4+ bedrooms: 2.5 per du + guest
	parking	parking
	Housing development renting by	Housing development renting by
	bedroom: 0.67 per bedroom	bedroom: 1.2 per bedroom
	Guest parking (located in areas	Guest parking (located in areas
	commonly accessible to all du): 0.2	commonly accessible to all du):
	per du	0.25 per du
Dwelling—ADU	1	
Dwelling—Manufactured Home	2 per du	No limit
Dwelling—Multi-Family	0 to 1 bedroom: 1 per du + guest	0 to 1 bedroom: 1.25 per du +
	parking	guest parking
	2 bedrooms: 1.25 per du + guest	2 bedrooms: 1.75 per du + guest
	parking	parking
	3 bedrooms: 1.5 per du + guest	3 bedrooms: 2.25 per du + guest
	parking	parking
	4+ bedrooms: 2 per du + guest	4+ bedrooms: 2.5 per du + guest
	parking	parking
	Housing development renting by	Housing development renting by
	bedroom: 0.67 per bedroom	bedroom: 1.2 per bedroom
	Guest parking (located in areas	Guest parking (located in areas
	commonly accessible to all du): 0.2	commonly accessible to all du):
Described Charles 5 11	per du	0.25 per du
Dwelling—Single-Family	2 per du + 0.65 per bedroom after the first 4	No limit
Dwelling—Townhouse	2 per du + 0.25 per du guest	No limit
	parking + 0.65 per du per bedroom	
	after the first 4	

Dwelling—Two-Family	2 per du + 0.65 per du per	No limit
July 1 wo 1 drilliny	bedroom after the first 4	The initial
Educational Facility—Primary	1 per classroom	2 per classroom
Educational Facility—Secondary	0.25 per student at maximum	0.5 per student at maximum
,	enrollment	enrollment
Educational Facility—University or	5 per 1,000 sf GFA	6.5 per 1,000 sf GFA
College/Vocational		
Eating and Drinking Establishment	No drive-through: 8 per 1,000 sf	No drive-through: 16 per 1,000 sf
	GFA	GFA
	With drive-through: 6 per 1,000 sf	With drive-through: 12 per 1,000 sf
	GFA	GFA
Financial Institution	2.5 per 1,000 sf GFA	5 per 1,000 sf GFA
Financial Service, Alternative	2.5 per 1,000 sf GFA	5 per 1,000 sf GFA
Food Bank	3 per 1,000 sf of office	8 per 1,000 sf of office
Food Pantry	2 per 1,000 sf GFA	8 per 1,000 sf GFA
Food Truck Park	1 per mobile food unit	2 per mobile food unit
Fraternity/Sorority	0.33 per resident at maximum	0.5 per resident at maximum
- III	occupancy	occupancy
Funeral Home	0.33 per person at design capacity	0.67 per person at design capacity
Garden, Market	1 per employee on shift of greatest	2 per employee on shift of greatest
Con Station	employment	employment
Gas Station	4 per 1,000 sf GFA of any retail component	8 per 1,000 sf GFA of any retail component
	Gas station with retail &	Gas station with retail &
	restaurant: 4 per 1,000 sf GFA	restaurant: 10 per 1,000 sf GFA
Golf Course/Driving Range	3 per hole	6 per hole
Government Office/Facility	3 per 1,000 sf GFA	8 per 1,000 sf GFA
Greenhouse/Nursery—Retail	1 per 1,000 sf GFA + 1 per 1,000 sf	2 per 1,000 sf GFA + 2 per 1,000 sf
Creeninguse, runser, metan	outdoor sales area	outdoor sales area
Group Home	2 per 1,000 sf GFA of office area	8 per 1,000 sf GFA of office area
Halfway House	2 per 1,000 sf GFA of office area	8 per 1,000 sf GFA of office area
Healthcare Institution	3.25 per bed	5.75 per bed
Heavy Retail, Rental, and Service	1 per 1,000 sf GFA + 1 per 1,000 sf	2 per 1,000 sf GFA + 2 per 1,000 sf
, , , ,	outdoor sales area	outdoor sales area
	Auto, truck, manufactured home,	Auto, truck, manufactured home,
	boat, outdoor equipment sales: 3.5	boat, outdoor equipment sales: 5
	per 1,000 sf of office sales &	per 1,000 sf of office sales &
	waiting area	waiting area
	Building material sales: 1 per 1,000	Building material sales: 2 per 1,000
	sf GFA + 1 per 1,000 sf outdoor	sf GFA + 2 per 1,000 sf outdoor
	sales area	sales area
	Home improvement superstore: 2.5	Home improvement superstore: 4
	per 1,000 sf GFA	per 1,000 sf GFA
Homeless Shelter	2 per 1,000 sf GFA of office area	8 per 1,000 sf GFA of office area
Hotel	1 per lodging unit	1.25 per lodging unit
Impound Lot	1 per 1,000 sf GFA + 1 per 5,000 sf	2 per 1,000 sf GFA + 2 per 5,000 sf
	outdoor storage area	outdoor storage area

Independent Living Facility	0.65 per unit + guest parking (located in areas commonly	1 per unit + guest parking (located
	accessible to all du): 0.2 per du	in areas commonly accessible to all du): 0.25 per du
Industrial—Craft	2 per 1,000 sf GFA	6 per 1,000 sf GFA
Industrial—General	0.9 per 1,000 sf GFA	6 per 1,000 sf GFA
Industrial—Heavy	0.75 per employee at the largest shift	1 per employee at the largest shift
Industrial Design	3 per 1,000 sf GFA	8 per 1,000 sf GFA
Pre-School/Kindergarten	1 per classroom	2 per classroom
Live Performance Venue	0.2 per seat	0.5 per seat
Live/Work	1 per du + 2 per 1,000 sf GFA	2 per du + 6 per 1,000 sf GFA
Lodge/Meeting Hall	5 per 1,000 sf GFA	6.5 per 1,000 sf GFA
Marina	0.5 per boat slip + requirements for other uses included in	1 per boat slip + allowances for other uses included in
Madical/Dontal Office/Clinic	development 4 per 1,000 sf GFA	development
Medical/Dental Office/Clinic Micro-Brewery/Distillery/Winery	2 per 1,000 sf GFA	10 per 1,000 sf GFA 6 per 1,000 sf GFA
Nightclub	8 per 1,000 sf GFA	16 per 1,000 sf GFA
Office	3 per 1,000 sf GFA	8 per 1,000 sf GFA
Office	Call center: 4.5 per 1,000 sf GFA	Call center: 12 per 1,000 sf GFA
Personal Service Establishment	3 per 1,000 sf GFA	6 per 1,000 sf GFA
Place of Worship	0.25 per seat in the main assembly	0.5 per seat in the main assembly
Public Park	Determined by Dept. of	Determined by Dept. of
	Engineering	Engineering
Public Safety Facility	Determined by Dept. of	Determined by Dept. of
B.H. W. I. S. W.	Engineering	Engineering
Public Works Facility	Determined by Dept. of Engineering	Determined by Dept. of Engineering
Reception Facility	8 per 1,000 sf GFA	16 per 1,000 sf GFA
Research and Development	2 per 1,000 sf GFA	6 per 1,000 sf GFA
Residential Care Facility	0.2 per bed + 1 per employee on shift of greatest employment	0.33 per bed + 1 per employee on shift of greatest employment
Retail Goods Establishment	3 per 1,000 sf GFA Appliance, carpeting, furniture sales: 2.5 per 1,000 sf gross sales area	6 per 1,000 sf GFA Appliance, carpeting, furniture sales: 3.5 per 1,000 sf gross sales area
Retail Liquor Stores	3 per 1,000 sf GFA	6 per 1,000 sf GFA
Salvage Yard	3 per 1,000 sf office area	4 per 1,000 sf office area
Self-Storage Facility: Enclosed	5 spaces adjacent to office/entry + 0.02 per unit	7 spaces adjacent to office/entry + 0.033 per unit
Self-Storage Facility: Outdoor	5 spaces adjacent to office/entry	7 spaces adjacent to office/entry
Social Service Center	3 per 1,000 sf GFA	8 per 1,000 sf GFA
Solar Farm	2 spaces	Determined by Dept. of Engineering
Vehicle Dealership—Enclosed (Does not include vehicles on display)	2 per 1,000 sf of indoor sales and display area + 4 per service bay	4 per 1,000 sf of indoor sales and display area + 6 per service bay

Vehicle Dealership—With Outdoor Storage/Display (Does not include vehicles on display)	2 per 1,000 sf of indoor sales and display area + 4 per service bay	4 per 1,000 sf of indoor sales and display area + 6 per service bay
Vehicle Operation Facility (Does not include vehicles stored)	3 per 1,000 sf office area	4 per 1,000 sf office area
Vehicle Rental—Enclosed (Does not include vehicles stored for rental)	3 per 1,000 sf office area	4 per 1,000 sf office area
Vehicle Rental—With Outdoor Storage/Display (Does not include vehicles stored for rental)	3 per 1,000 sf office area	4 per 1,000 sf office area
Vehicle Repair/Service- Major	2 per bay	4 per bay
Vehicle Repair/Service—Minor	2 per bay	4 per bay
Warehouse and Distribution	0.5 per 1,000 sf GFA	2 per 1,000 sf GFA
Wholesale Establishment	0.5 per 1,000 sf GFA	2 per 1,000 sf GFA
Wind Energy System	2 spaces	Determined by Dept. of Engineering

Table 11-3: Required Accessible Parking Spaces			
Total Parking Spaces Provided	Minimum Number of Accessible Parking Spaces Required		
	Van	Total (Van + Car)	
1 to 25	1	1	
26 to 50	1	2	
51 to 75	1	3	
76 to 100	1	4	
101 to 150	1	5	
151 to 200	1	6	
201 to 300	2	7	
301 to 400	2	8	
401 to 500	2	9	
501 to 1000	1 for every 6 accessible spaces	2% of total provided parking spaces	
1001 and over	1 for every 6 accessible spaces	20, plus 1 for each 100, or fraction thereof, over 1000	

## B. Exemptions and Flexibilities

- 1. The DK District is exempt from required parking. If parking is provided, then the maximum number of spaces applies in all subdistricts.
- 2. Minimum vehicle parking reductions apply in the following districts. Bicycle parking requirements may not be reduced.
  - a. Required minimum vehicle parking may be reduced by 40% in the C-N District.
  - b. Required minimum vehicle parking may be reduced by 20% in the C-G-2 and C-G-3 District.

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- 3. Off-street parking requirements in any district may be reduced up to 30% from the minimum requirements in Table 11-2, provided the development is located within one-fourth of a mile of a transit route. A Knoxville Area Transit approved shelter may be required on or within one-fourth of a mile of the development site. Bicycle parking requirements may not be reduced. This reduction cannot be coupled with any other parking reduction, such as the reductions offered in items 1 and 2 above.
- 4. Parking lots may exceed the maximum number of spaces in Table 11-2 by up to 20% provided that the spaces exceeding the maximum number and the access aisles accessing those spaces are constructed of pervious materials approved by the Department of Engineering. Parking spaces exceeding the identified maximum may be approved by the Department of Engineering upon submittal of a parking study justifying the need for additional spaces, and the approval of the parking study by Department of Engineering. All excess spaces and their access ways must be constructed of pervious materials. Pervious paving materials may not be required for excess parking on sites with brownfield agreements upon approval by the Department of Engineering.
- 5. Upon approval by the Department of Engineering of a parking study for the proposed use(s), the minimum number of parking spaces in Table 11-2 may be reduced.
- 6. For uses not specifically mentioned herein, off-street parking requirements shall be interpreted by the director of plans review and inspections.

#### C. Mixed-Use Multi-Tenant Structure Requirements

A mixed-use multi-tenant structure is not subject to the individual use calculations for required vehicle parking in Table 11-2. Minimum and maximum parking is calculated as follows:

- Non-residential gross floor area—minimum parking required: 3 per 1,000 sf GFA;
- 2. Non-residential gross floor area—maximum parking allowed: 8 per 1,000 sf GFA;
- 3. Residential units: requirements for "dwelling—above the ground floor" per Table 11-2.

(Ord. No. O-76-2020, § 1, 5-19-20; Ord. No. O-87-2020, § 1, 5-19-20)

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