

ORDINANCE NO. ORD-26-01

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UNIFIED DEVELOPMENT CODE (Bicycle and Vehicle Parking)

AN ORDINANCE TO AMEND SECTIONS 5.19.2, 5.19.3, 5.19.5, and 5.19.7 OF
CHAPTER 55 (UNIFIED DEVELOPMENT CODE) OF TITLE V OF THE CODE OF THE
CITY OF ANN ARBOR

The City of Ann Arbor ordains:

Section 1. That Section 5.19.2 of Chapter 55 (Unified Development Code) of Title V of the Code of the City of Ann Arbor be amended as follows:

5.19.2 Required Parking

A. General

1.

Each land use listed in Table 5.19-1 shall provide an amount of Provided off-street parking ~~compliant~~shall comply with the standards and requirements of this section, unless ~~the requirements are~~ modified by another provision of this ~~section or~~ chapter, in which case the modifications shall apply.
2.

No *lot* zoned other than "P" shall have parking as its *principal use*, excepting *lots* containing approved *parking lots* or *parking structures* in the D1 or D2 districts.

~~E. Calculating Required Parking~~

3. The floor area ~~above grade within a *principal building, accessory building or accessory structure*~~ used for parking shall not be included in any required parking calculation ~~require parking~~.
4. The floor area used for vehicle ~~or parking spaces below grade or the floor area used for~~ bicycle parking spaces below the second story shall not be included in floor area ratio calculations.
- 4.5. Bicycle parking spaces outside of a *building* shall be considered and included in open space calculations. ~~any required parking calculation~~.
- 5.6. Any fraction of a *parking space* shall be considered a full space.

6.7. A higher class of *parking space* may be used to provide bicycle or *electric vehicle* parking facilities when more than one class is required by this section.

B. Vehicle Parking Requirements

Parking requirements The minimum vehicle parking required for permitted any land uses is none. When vehicle parking is provided, the maximum number of spaces that can be provided and the EV facilities that must be included are provided in Table 5.19-1 and Table 5.19-3.

TABLE 5.19-1: REQUIRED PARKING

USE (See Sec. 5.19.3 for Uses in D1, D2, TC1 Districts)	MAXIMUM VEHICLE PARKING SPACES (NONE IF BLANK)	MINIMUM BICYCLE PARKING SPACES			MINIMUM EV PARKING SPACES			
		SPACES	CLASS			CLASS		
			A	B	C	EV-C	EV-I	
RESIDENTIAL USES (Number of Spaces/Dwelling Unit, unless otherwise noted)		% OF SPACES PROVIDED						
HOUSEHOLD LIVING								
<i>Adult Foster Care</i>		None	None			None		
<i>Dwelling, Assisted Living</i>		1/5 units	50%	50%	40%	10%		
<i>Dwelling, Multi-Family (5 units or more)</i>		1/5 units	50%	50%	90%	10%		
<i>Dwelling, Single-Family, Two-Family, Multi-Family (3 or 4 units)</i>		None	None			See Section 5.19.8A		
<i>Dwelling, Townhouse</i>		1/5 units	50%	50%	100%			
GROUP LIVING								
<i>Emergency Shelter</i>		None				90%	5%	
<i>Fraternities, sororities, student cooperatives</i>		1/2 beds	50%	50%	90%	10%		
<i>Group Housing, Guest House</i>		1/5 beds	50%	50%	90%	10%		
PUBLIC/INSTITUTIONAL USES		% OF SPACES PROVIDED						
COMMUNITY AND CULTURAL								
<i>Club Headquarters or Community Center</i>		1/1,000 sq. ft.			100%	25%	10%	
<i>Conference Center</i>		1/1,000 sq. ft.			100%	40%	10%	
<i>Designated Marijuana Consumption Facility</i>	1/100 sq. ft.	1/500 sq. ft.		50%	50%			
<i>Museum, Art Gallery</i>	1/265 sq. ft.	1/3,000 sq. ft.		50%	50%	30%	5%	
<i>Funeral Services</i>		None				None		

TABLE 5.19-1: REQUIRED PARKING

USE (See Sec. 5.19.3 for Uses in D1, D2, TC1 Districts)	MAXIMUM VEHICLE PARKING SPACES (NONE IF BLANK)	MINIMUM BICYCLE PARKING SPACES			MINIMUM EV PARKING SPACES		
		SPACES	CLASS			CLASS	
			A	B	C	EV-C	EV-I
Library	1/265 sq. ft.	1/3,000 sq. ft.	50%	50%	90%	5%	5%
Parks, Recreation, and Open Space	None	None			90%	5%	5%
Religious Assembly		1/50 seats or 1/100 ft. of pew			100 %	90%	5%
DAY CARE							
Adult Day Care Center, Child Care Center		1/10 caregivers	100 %		25%	10%	10%
EDUCATIONAL							
Institution of Higher Learning; Private		5/classroom			100 %	40%	10%
School, Private		5/classroom			100 %	40%	10%
School, Trade/Industrial		5/classroom			100 %	40%	10%
HEALTH CARE							
Hospital, Nursing Care Facility		1/60 beds		100 %		40%	10%
COMMERCIAL USES			% OF SPACES PROVIDED				
LODGING							
Bed and Breakfast		1/4 rooms		100 %		75%	25%
Hotel		1/30 rooms	100 %			75%	25%
RECREATION, ENTERTAINMENT, AND ARTS							
Adult Entertainment Business	1/265 sq. ft.	1/3,000 sq. ft.	50%	50%	25%	10%	10%
Artist Studio		1/6,000 sq. ft.	100 %		25%	10%	10%
General Entertainment	1/265 sq. ft.	1/3,000 sq. ft.	50%	50%	25%	10%	10%
Indoor Recreation (Athletics, Rinks)		1/1,000 sq. ft.	100 %		25%	10%	10%
Indoor Recreation (Bowling Alley)		1/5 alleys			100 %	25%	10%
Indoor Recreation (Court Games)		1/2,000 sq. ft.		100 %		25%	10%

TABLE 5.19-1: REQUIRED PARKING

USE (See Sec. 5.19.3 for Uses in D1, D2, TC1 Districts)	MAXIMUM VEHICLE PARKING SPACES (NONE IF BLANK)	MINIMUM BICYCLE PARKING SPACES			MINIMUM EV PARKING SPACES		
		SPACES	CLASS			CLASS	
			A	B	C	EV-C	EV-I
Outdoor Recreation (Pools)		1/1,000 sq. ft.			100 %	25%	10%
Outdoor Recreation (Stadiums)		1 space per 100 seats or 200 ft. of bench			100 %	None	
Outdoor Recreation (Amphitheaters)		1/150 seats			100 %	None	
SALES							
Automobile, Motorcycle, Recreational Vehicle, Equipment Sales and Rental		1/3,000 sq. ft.	50%	50%	90%		5%
Fueling Station		1 space			100 %	90%	5%
Outdoor Sales, Permanent	1/265 sq. ft.	1/3,000 sq. ft.	50%	50%	90%		5%
Medical Marijuana Provisioning Center, Marijuana Retailer	1/265 sq. ft.	1/3,000 sq. ft.	50%	50%	90%		5%
Restaurant, Bar, Food Service		1/750 sq. ft.	50%	50%	90%		5%
Retail Sales, General Merchandise, Shopping Centers	Up to 600,000 sq. ft... 1/250 sq. ft.	1/3,000 sq. ft.	50%	50%	15%		5%
	More than 600,000 sq. ft.: 1/235 sq. ft.	1/3,000 sq. ft.	50%	50%	15%		5%
Wholesale, Resale, Building Material and Supplies		1/6,000 sq. ft.			100 %	10%	5%
SERVICE AND REPAIR							
Automobile, Truck, Construction Equipment Repair		1 space			100 %	15%	5%
Contractors, General Construction, and Residential Building		1/3,000 sq. ft.	90%		70%	10%	10%
Laundry, Cleaning, and Garment Services	1 / 265 sq. ft.	1/3,000 sq. ft.	50%	50%	15%		5%
Parking Lot		1/10 parking stalls	90%		70%	10%	10%
Parking Structure		1/10 parking stalls	90%		70%	10%	10%

TABLE 5.19-1: REQUIRED PARKING

USE (See Sec. 5.19.3 for Uses in D1, D2, TC1 Districts)	MAXIMUM VEHICLE PARKING SPACES (NONE IF BLANK)	MINIMUM BICYCLE PARKING SPACES			MINIMUM EV PARKING SPACES		
		SPACES	CLASS			CLASS	
			A	B	C	EV-C	EV-I
Personal Services		1/750 sq. ft.	100 %			30%	5%
Vehicle Wash, Automatic		1 space	100 %			15%	10%
Vehicle Wash, Self-serve		1 space	100 %			None	
Veterinary, Kennels and Animal Boarding	1/250 sq. ft.	1/3,000 sq. ft.	30%		70%	10%	10%
OFFICE AND RESEARCH		% OF SPACES PROVIDED					
OFFICE							
Bank, Credit Union, Financial Services	1/180 sq. ft.	1/2,000 sq. ft.			100 %	15%	5%
General	1/250 sq. ft.	1/3,000 sq. ft.	30%		70%	40%	10%
Medical or Dental	1/180 sq. ft.	1/1,500 sq. ft.	30%		70%	25%	10%
Nonprofit Corporations	1/250 sq. ft.	1/3,000 sq. ft.	30%		70%	25%	10%
RESEARCH AND DEVELOPMENT							
Laboratories, Research, Development		1/6,000 sq. ft.		100 %		40%	10%
TRANSPORTATION		% OF SPACES PROVIDED					
TRANSPORTATION							
Transit Center, Station, or Depot		1/3,000 sq. ft.	30%		70%	90%	10%
Transportation Facilities		None				None	
INDUSTRIAL		% OF SPACES PROVIDED					
AGRICULTURAL							
Agriculture (Greenhouse, Barn, Borrow Pit)		None				None	
Marijuana Microbusiness	Offices 1/250 sq. ft. Cultivation 1/2,000 sq. ft.	1/3,000 sq. ft.	30%		70%		
Marijuana Grower	Offices 1/250 sq. ft. Cultivation 1/2,000 sq. ft.	1/3,000 sq. ft.		100 %		40%	10%

TABLE 5.19-1: REQUIRED PARKING

USE (See Sec. 5.19.8 for Uses in D1, D2, TC1 Districts)	MAXIMUM VEHICLE PARKING SPACES (NONE IF BLANK)	MINIMUM BICYCLE PARKING SPACES			MINIMUM EV PARKING SPACES		
		SPACES	CLASS			CLASS	
			A	B	C	EV-C	EV-I
MANUFACTURING, PROCESSING, ASSEMBLY, AND FABRICATION							
<i>Asphalt and Concrete Mixing Plant, Sand and Gravel Pit, Coal/Coke Dealer, Oil/Gas Well</i>		1/25,000 sq. ft.	100 %		10%	10%	
<i>Heavy Manufacturing; Laundry/Dry Cleaning Plant; Scrap/Waste Material; Slaughterhouse</i>		1/25,000 sq. ft.	100 %		40%	10%	
<i>Light Manufacturing, Pilot Manufacturing</i>		1/25,000 sq. ft.	100 %		40%	10%	
UTILITIES AND COMMUNICATIONS							
<i>Broadcasting Facility, Data Processing and Computer Centers</i>		1/3,000 sq. ft.	90%		70% 40%	10%	
<i>Electric, Gas, and Sanitary Services; Power and Fuel Rights- of-Way, Wireless Communication Facilities</i>		None			None		
WAREHOUSING AND STORAGE							
<i>Outdoor Storage</i>		None			None		
<i>Warehousing and Indoor Storage</i>		1/30,000 sq. ft.	100 %			10%	
ACCESSORY USES		% OF SPACES PROVIDED					
<i>Bed and Breakfast, Accessory</i>		1 space		100 %			
<i>Community Recreation</i>		1/1,000 sq. ft.		100 %	10%	10%	
<i>Dwelling Unit, Accessory</i>		None			100%		
<i>Dwelling Unit, Manager's</i>		None			100%		
<i>Family Day Care Home</i>		None			100%		
<i>Group Day Care Home</i>		None			100%		
<i>Home Occupation</i>		None			None		
<i>Management/Maintenance Office and Storage</i>	1/250 sq. ft.	1/3,000 sq. ft.	90%	70%	25%	10%	
<i>Restaurant, Bar, Food Service</i>		1/750 sq. ft.		50% 50%	25%	10%	
<i>Retail Sales, General Merchandise</i>	1/265 sq. ft.	1/3,000 sq. ft.		50% 50%	10%	10%	
<i>Roadside Stand</i>		None			None		

TABLE 5.19-1: REQUIRED PARKING

USE (See See. 5.19.3 for Uses in D1, D2, TC1 Districts)	MAXIMUM VEHICLE PARKING SPACES (NONE IF BLANK)	MINIMUM BICYCLE PARKING SPACES			MINIMUM EV PARKING SPACES	
		SPACES	CLASS		CLASS	
			A	B	C	EV-C
TEMPORARY USES						
<i>Christmas Tree Sales</i>	<u>None</u>	<u>None</u>			<u>None</u>	
<i>Outdoor Sales, Temporary by Others</i>		<u>By Special Exception</u>				
<i>Special Event Sales</i>		<u>By resolution of City Council</u>				

TABLE 5.19-1: REQUIRED VEHICLE PARKING

LAND USES (SEE SECTION 5.19.3 FOR LAND USES IN D1, D2, AND TC1 DISTRICTS)	MAXIMUM NUMBER OF SPACES	MINIMUM EV FACILITIES	
		EV-C	EV-I
RESIDENTIAL USES			
<u>Household living (1 to 4 units)</u>	<u>None</u>	<u>See Section 5.19.8.A</u>	
<u>Household living (5 or more units) and group living</u>	<u>None</u>	<u>90%</u>	<u>10%</u>
<u>Dwelling, Assisted Living</u>	<u>None</u>	<u>None</u>	<u>None</u>
<u>Emergency Shelter</u>	<u>None</u>	<u>None</u>	<u>None</u>
PUBLIC/INSTITUTIONAL USES			
<u>All community and cultural, day care, educational, and health care uses</u>	<u>None</u>	<u>40%</u>	<u>10%</u>
COMMERCIAL USES			
<u>Hotel, Bed and Breakfast</u>	<u>None</u>	<u>75%</u>	<u>25%</u>
<u>Recreation, Entertainment, and Arts – all</u>	<u>1/265 sq. ft.</u>	<u>25%</u>	<u>10%</u>
<u>Retail – Sales, General Merchandise, Shopping Centers</u>	<u>1/250 sq. ft.</u>	<u>30%</u>	<u>5%</u>
<u>All other commercial uses</u>	<u>None</u>	<u>30%</u>	<u>5%</u>
OFFICE AND RESEARCH			
<u>Laboratories, Research, Development</u>	<u>None</u>	<u>30%</u>	<u>10%</u>
<u>All other office and research uses</u>	<u>1/250 sq. ft.</u>	<u>30%</u>	<u>10%</u>
TRANSPORTATION USES			
<u>All transportation uses</u>	<u>None</u>	<u>90%</u>	<u>10%</u>
INDUSTRIAL USES			
<u>All industrial uses</u>	<u>None</u>	<u>40%</u>	<u>10%</u>
ACCESSORY USES			

TABLE 5.19-1: REQUIRED VEHICLE PARKING

<u>LAND USES</u> <u>(SEE SECTION 5.19.3 FOR LAND</u> <u>USES IN D1, D2, AND TC1</u> <u>DISTRICTS)</u>	<u>MAXIMUM</u> <u>NUMBER OF</u> <u>SPACES</u>	<u>MINIMUM EV FACILITIES</u>	
		<u>EV-C</u>	<u>EV-I</u>
All accessory uses	Follow primary use requirements.		
<u>TEMPORARY USES</u>			
All temporary uses	None		

C. Bicycle Parking Requirements

The minimum required bicycle parking for all land uses is provided in Table 5.19-2 and Table 5.19-4.

TABLE 5.19-2: REQUIRED BICYCLE PARKING

<u>LAND USES</u> <u>(SEE SEC. 5.19.3 FOR LAND</u> <u>USES IN D1, D2, TC1</u> <u>DISTRICTS)</u>	<u>MINIMUM REQUIRED PARKING SPACES [1]</u>		
	<u>CLASS A</u>	<u>CLASS B</u>	<u>CLASS C</u>
<u>RESIDENTIAL USES</u>			
Residential (1 to 4 units)			
Residential (5 or more units)	1 per 2 units		1 per 10 units
Group Living	1 per 2 beds		1 per 10 beds
<u>PUBLIC/INSTITUTIONAL</u>			
All public and institutional uses		1 per 2,500 sf	1 per 2,500 sf
<u>COMMERCIAL</u>			
All commercial uses		1 per 5,000 sf	1 per 3,000 sf (3 min)
<u>OFFICE AND RESEARCH</u>			
All office and research uses		1 per 2,500 sf	1 per 15,000 sf (3 min)
<u>TRANSPORTATION</u>			
All transportation uses		1 per 2,500 sf	1 per 3,000 sf (3 min)
<u>INDUSTRIAL</u>			
All industrial uses		1 per 40,000 sf (2 min)	1 per 12,000 sf (2 min)
<u>ACCESSORY USES</u>			
All accessory uses	None		
<u>TEMPORARY USES</u>			
All temporary uses	None unless by special exception or resolution of City Council		
[1] When more than 50 Class A bicycle parking spaces are required, 1 out of every 50 spaces must meet the barrier-free dimensions in Table 5.19-5. When more than 25 Class B or C bicycle parking spaces are required, 1 out of every 25 spaces must meet the barrier-free dimensions in Table 5.19-5.			

Section 2. That Section 5.19.3 of Chapter 55 (Unified Development Code) of Title V of the Code of the City of Ann Arbor be amended as follows:

5.19.3 Special Parking Districts

Lots located in the D1, D2, or TC1 zoning districts are considered a special parking district and are subject to the standards provided in Table 5.19-2 and Table 5.19-4.

TABLE 5.19-2: SPECIAL PARKING DISTRICT REQUIREMENTS

ZONING DISTRICT	MAXIMUM VEHICLE PARKING SPACES (NONE IF BLANK)	MINIMUM BICYCLE PARKING SPACES			MINIMUM EV PARKING SPACES	
		SPACES	CLASS		FACILITY STANDARDS	
			A	B	C	EV-C
NUMBER OF SPACES/SQUARE FOOT			% OF SPACES PROVIDED			
D1, D2—Residential		+/2,500 sq. ft.	100%		90%	10%
D1, D2—Nonresidential		+/10,000 sq. ft.			100%	90%
TC1	+/333 sq. ft.	+/5,000 sq. ft.	50%	25%	25%	90%

TABLE 5.19-3: SPECIAL PARKING DISTRICTS VEHICLE PARKING REQUIREMENTS

LAND USE / ZONING DISTRICT	MAXIMUM PARKING (NONE IF BLANK)	MINIMUM EV PARKING SPACES	
		EV-C	EV-I
Residential (D1, D2)		90%	10%
Residential (TC1)	1 per 333 sf.	90%	10%
Non-Residential (D1, D2)		90%	10%
Non-Residential (TC1)	1 per 333 sf.	90%	10%

Table 5.19-4: Special Parking Districts Bicycle Parking Requirements

<u>LAND USE / ZONING DISTRICT</u>	<u>REQUIRED PARKING [1]</u>		
	<u>CLASS A</u>	<u>CLASS B</u>	<u>CLASS C</u>
<u>Residential (D1, D2)</u>	<u>1 per 5 units</u>		<u>1 per 25 units</u>
<u>Residential (TC1)</u>	<u>1 per 2 units</u>		<u>1 per 15 units</u>
<u>Non-Residential (D1, D2)</u>			<u>1 per 10,000</u>
<u>Non-Residential (TC1)</u>		<u>1 per 10,000 sf</u>	<u>1 per 5,000 sf</u>

[1] When more than 50 Class A bicycle parking spaces are required, 1 out of every 50 spaces must meet the barrier-free dimensions in Table 5.19-5. When more than 25 Class B or C bicycle parking spaces are required, 1 out of every 25 spaces must meet the barrier-free dimensions in Table 5.19-5.

Section 3. That Section 5.19.5 of Chapter 55 (Unified Development Code) of Title V of the Code of the City of Ann Arbor be amended as follows:

5.19.5 Use of Parking Facilities

A. General

1. *Parking spaces* shall not be obstructed by storing objects, *structures*, or vehicles that are inoperable, unregistered, or for sale.
2. *Bicycle parking spaces* required by this section shall be accessible to a public Street by an ADA compliant sidewalk, driveway, or Alley other paved surface to a public Street, private Street, or Alley.
3. Vehicle *parking spaces* shall be accessible by a *driveway* connected to a public Street, private street or Alley.
4. Nothing in this section shall preclude a reasonable charge for the use of any *parking space*.

B. All Vehicles

1. Vehicles must be parked in a *driveway*, in a *structure*, or within an approved *parking space* or *parking lot*.
2. Vehicle Exception: This subsection shall not be applicable on those days when University of Michigan football games or scrimmages are played in Michigan Stadium, or on the day(s) and place(s) designated as a special event by resolution of City Council.

C. Commercial Vehicles, Oversized Vehicles, Trailers, Boats, Campers, and Similar

1. Residential Zoning Districts

- a. Commercial vehicles, oversized vehicles, trailers, boats, campers, and similar vehicles, subject to paragraph c below, must be stored in a *parking structure*, on a *driveway*, or in a location other than the *front yard*.

- b. No more than two commercially-licensed vehicles shall be kept in the open on the vehicle owner's private property or within 500 feet of the property on a public Street.
- c. No vehicle over 22 feet long or a commercial vehicle licensed for an empty weight of more than 10,000 pounds shall be parked anywhere on a *lot*.

2. Nonresidential Zoning Districts

Commercial vehicles, oversized vehicles, trailers, boats, campers and similar vehicles must be stored in a *building* or approved *outdoor storage*.

Section 4. That Section 5.19.7 of Chapter 55 (Unified Development Code) of Title V of the Code of the City of Ann Arbor be amended as follows:

5.19.7 Design of Bicycle Parking Facilities

A. General

~~4. *Bicycle parking spaces shall conform to the dimensional standards in Table 5.19-5. Alternatives may be allowed by the Planning Manager for designs that use available space more efficiently and store the equivalent number and bicycles and accessories in a smaller area.*~~

TABLE 5.19-5. BICYCLE PARKING DIMENSIONAL STANDARDS

CLASS	MINIMUM WIDTH	MINIMUM LENGTH	MINIMUM VERTICAL CLEARANCE	MINIMUM ACCESS AISLE
A	2 ft.	6 ft.	N/A	3 ft.
B	2 ft.	6 ft.	7 ft.	3 ft.
C	2 ft.	6 ft.	N/A	3 ft.

~~20.1. All *bicycle parking spaces* must be easily accessible, well lit, and constructed with durable, and securely anchored to pavement, floors, or walls.~~

30.1. *Bicycle parking spaces outside of a building shall be considered and included in open space calculations. Bicycle parking spaces on the first floor inside of a building shall not be included in floor area ratio calculations. materials that support an upright bicycle with both wheels touching the ground.*

31.2. *Buildings or structures used specifically for bicycle parking spaces shall comply with all regulations for accessory buildings per Section 5.16.6A6.A Accessory Buildings.*

32. *Asphalt, concrete, porous pavement, pavers, or brick shall connect Where bicycle parking spaces to a Sidewalk or driveway.*

GG. Placement

3. *Bicycle parking spaces outside of a building shall be in close proximity to the main building entrances and in a location that is are not immediately visible and easily accessible from the public Street, private Street, or Alley, permanent wayfinding signage should be provided.*

34.4. *Use of bicycle parking spaces shall not impede pedestrian circulation.*

35.5. *Bicycle parking spaces inside of a building or structure that also has vehicle parking facilities shall have a physical barrier to separate the parking facilities. If bicycles share routes with vehicles to reach the bicycle parking facilities, a designated bicycle lane must be striped.*

B. Dimensional and Design Requirements

1. Bicycle Parking Space Dimensions

Bicycle parking spaces shall conform to the dimensional standards in Table 5.19-7.

TABLE 5.19-7: BICYCLE PARKING DIMENSIONAL STANDARDS

<u>CLASS</u>	<u>MINIMUM WIDTH</u>	<u>MINIMUM LENGTH</u>	<u>MINIMUM AISLE ACCESS</u>	<u>MINIMUM OVERHEAD CLEARANCE</u>
<u>A</u>	<u>2 ft.</u>	<u>6 ft.</u>	<u>3 ft.</u>	<u>7 ft.</u>
<u>B</u>	<u>2 ft.</u>	<u>6 ft.</u>	<u>3 ft.</u>	<u>7 ft.</u>
<u>C</u>	<u>2 ft.</u>	<u>6 ft.</u>	<u>3 ft.</u>	<u>7 ft.</u>
<u>A/B/C Barrier-Free Space</u>	<u>2 ft.</u>	<u>10 ft.</u>	<u>3 ft.</u>	<u>7 ft.</u>

2. Design Requirements

- a. Racks must be centered within the *bicycle parking space*.
- b. Racks must accommodate standard locks to secure a bicycle frame and at least one wheel to the rack.
- c. Class B facilities shall be covered by a *building overhang or free-standing roof structure* over the entire bicycle parking space specified in Table 5.19-7. Structural elements of the building or roof structure must not impede the use of a bicycle parking space.
- d. Wave racks, school yard racks, and wheelwell racks are prohibited and will not count towards bicycle parking requirements. See Figure 19-1.

Figure 19-1. Prohibited Bicycle Parking Racks (source: 2024 AASHTO Guide for the Development of Bicycle Facilities)



3. Placement of Bicycle Parking Spaces

- a. Class A *bicycle parking spaces* inside of a *principal building* or *structure* shall be located *near a main entrance*, on the Street level, or ~~on~~ a level accessible by an elevator large enough to accommodate the bicycle and *shall have at least one route from a building entrance to the bicycle parking space at least 5 feet wide with no more than two doorways, free of stairs or steep ramps. All doorways must be self-opening*.
- b. *Bicycle parking spaces outside of a principal building shall be within 50 feet of the main building entrance in a location that is visible and easily accessible from the public Street, private Street or Alley. For sites with more than one building, bicycle parking spaces must be reasonably and proportionally distributed as required at each building.*

- c. Required Class A spaces shall not be provided within a dwelling unit.
- d. When required, barrier-free spaces should be located near the front of a room for Class A or at the end of a row for Class B and C to allow users to easily maneuver and lock their bicycles.

C. Class Standards

1. Class A (Enclosed Bicycle Long-Term Storage)

Class A spaces shall store both a bicycle and the necessary bicycle accessories for longer periods, well protected from weather and theft. Class A is typically intended for use by occupants bicycle-owners to store this form of nonmotorized transportation at their residence. Examples of Class A spaces are individual enclosed accessory buildings and structures such as garages, storage lockers, enclosed bicycle parking or sheds, a room or dedicated areas and rooms within a principal building that contains individual storage lockers or individual hoop spaces with additional storage area, or private garages.

2. Class B (Covered Bicycle Racks)

Class B spaces shall store park a bicycle for intermediate periods with some protection protections from weather and allowing both the wheels and frame of a bicycle to be securely locked. Class B is typically intended for use by employees bicycle-owners to park this form of nonmotorized transportation at their place of employment. Examples of Class B spaces are hoops or racks covered by canopies or overhangs.

3. Class C (Fixed Bicycle Racks)

Class C spaces shall store park a bicycle for shorter periods, allowing both the wheels and frame of a bicycle to be securely locked, secure from theft. Class C is typically intended for use by bicycle-owners to park this form of nonmotorized transportation as customers and visitors of a residence, business, or office.

D. Alternatives

- 1. The approving body may allow alternative designs for up to 40% of the required Class A bicycle parking facilities that use available space more efficiently and store the equivalent number of bicycles and accessories in a smaller area provided that the alternative design support each bicycle with at least two points of contact, and if stacked or tiered racks are used, a mechanically-assisted lifting mechanisms allows access to upper racks.
- 2. The approving body may allow bicycle parking spaces outside of a principal building to be located up to 150 feet from main building entrances when existing buildings or site conditions prevent the spaces from being within 50 feet as required in paragraph 5.19.7.B.3.b when it

determines the extended placement meets the intent of this section.

Section 5. This ordinance shall take effect on the tenth day after the date of publication.