

2. Parking space and aisle dimensions. Parking spaces and aisles must meet the minimum dimensions contained in Table 266-4. For stacked parking areas, see Section 33.266.140 below.
3. Parking for disabled persons. The Bureau of Development Services regulates the following disabled person parking standards and access standards through the Oregon Structural Specialty Code.
  - Dimensions of disabled person parking spaces and access aisles;
  - The minimum number of disabled person parking spaces required;
  - Location of disabled person parking spaces and circulation routes,
  - Curb cuts and ramps including slope, width and location;
  - Signage and pavement markings.
4. A portion of a standard parking space may be landscaped instead of paved, as follows:
  - a. As shown in Figure 266-3, up to 2 feet of the front of the space as measured from a line parallel to the direction of the bumper of a vehicle using the space may be landscaped area;
  - b. Landscaping must be ground cover plants; and
  - c. The portion of the 2-foot wide area described in 4.a that is landscaped counts toward parking lot interior landscaping requirements and toward any overall site landscaping requirements. However, the landscaped area does not count toward perimeter landscaping requirements.

<b>Table 266-4</b>					
<b>Minimum Parking Space and Aisle Dimensions [1,2]</b>					
Angle (A)	Width (B)	Curb Length (C)	1 Way Aisle Width (D)	2 Way Aisle Width (D)	Stall Depth (E)
0° (Parallel)	8 ft.	22 ft. 6 in.	12 ft.	20 ft.	8 ft.
30°	8 ft. 6 in.	17 ft.	12 ft.	20 ft.	15 ft.
45°	8 ft. 6 in.	12 ft.	12 ft.	20 ft.	17 ft.
60°	8 ft. 6 in.	9 ft. 9 in.	16 ft.	20 ft.	17 ft. 6 in.
90°	8 ft. 6 in.	8 ft. 6 in.	20 ft.	20 ft.	16 ft.

Notes:

[1] See Figure 266-4.

[2] See Section 33.266.130.F.3 for information on parking spaces for the disabled.

23.54.030 - Parking space and access standards

All parking spaces provided, whether required by Section 23.54.015 or not, and required barrier-free parking, shall meet the standards of this Section 23.54.030.

A. Parking space dimensions

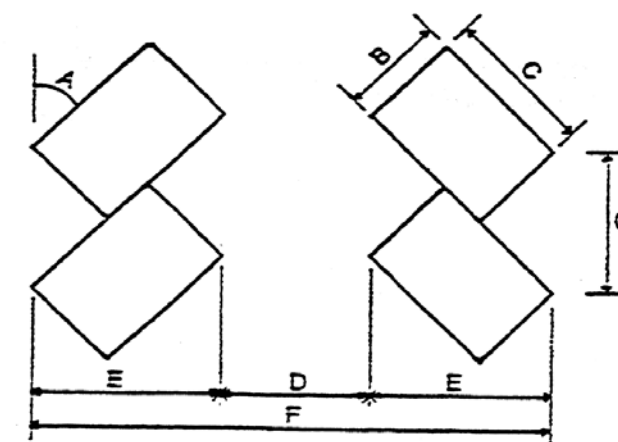
1. "Large vehicle" means the minimum size of a large vehicle parking space shall be 8.5 feet in width and 19 feet in length.
2. "Medium vehicle" means the minimum size of a medium vehicle parking space shall be 8 feet in width and 16 feet in length.
3. "Small vehicle" means the minimum size of a small vehicle parking space shall be 7.5 feet in width and 15 feet in length.
4. "Barrier-free parking" means a parking space meeting the following standards:
  - a. Parking spaces shall not be less than 8 feet in width and shall have an adjacent access aisle not less than 5 feet in width. Van-accessible parking spaces shall have an adjacent access aisle not less than 8 feet in width. Where two adjacent spaces are provided, the access aisle may be shared between the two spaces. Boundaries of access aisles shall be marked so that aisles will not be used as parking space.
  - b. A minimum length of 19 feet or when more than one barrier-free parking space is provided, at least one shall have a minimum length of 19 feet, and other spaces may be the lengths of small, medium, or large spaces in approximate proportion to the number of each size space provided on the lot.
5. "Tandem parking" means a parking space equal to the width and 2 times the length of the vehicle size standards in subsections 23.54.030.A.1, 23.54.030.A.2, and 23.54.030.A.3 for the size of the vehicle to be accommodated.
6. Columns or other structural elements may encroach into the parking space a maximum of 6 inches on a side, except in the area for car door opening, 5 feet from the longitudinal centerline or 4 feet from the transverse centerline of a parking space (see Exhibit A for 23.54.030). No wall, post, guardrail, or other obstruction, or lot line, is permitted within the area for car door opening.
7. If the parking space is next to a lot line and the parking space is parallel to the lot line, the minimum width of the space is 9 feet.

A Parking Angle	B Stall Width	C Stall Length	D Aisle Width <sup>1</sup>	E Curb Depth Per Car	F Unit Width <sup>3</sup>	G Curb Length Per Car
0°	7.5	18.0	10.0	7.5	25.0	18.0
	8.0	20.0	10.0	8.0	26.0	20.0
	8.5	24.0	12.0	8.5	29.0	24.0
45°	7.5	15.0	11.0	15.91	42.82	10.61
	8.0	16.0	13.0	16.97	46.90	11.3
	8.5	19.0	13.0	19.44	51.88	12.02
60°	7.5	15.0	13.0	16.74	46.48	8.66
	8.0	16.0	15.0	17.86	50.72	9.24
	8.5	19.0	17.5	20.70	58.90	9.82
75°	7.5	15.0	16.5	16.43	49.36	7.76
	8.0	16.0	18.5	17.52	53.54	8.25
	8.5	19.0	20.0	20.55	61.10 <sup>2</sup>	8.80
90°	7.5	15.0	20.0	15.0	50.0	7.5
	8.0	16.0	22.0	16.0	54.0	8.0
	8.5	19.0 <sup>2</sup>	24.0 <sup>2</sup>	19.0	62.0 <sup>3</sup>	8.5

<sup>1</sup> Required aisle width is for one-way traffic only. If two-way traffic is proposed, then the minimum aisle width shall be 20 feet or greater.

<sup>2</sup> When lot width is less than 43 feet, 40 feet may be substituted for a two-way aisle and a single row of cars at 90° to the aisle, provided that the minimum width of the parking stalls shall be 9½ feet.

<sup>3</sup> 60 feet may be substituted for required unit width on lots where the available width is in 60-foot whole multiples, provided that the minimum width of the parking stalls shall be 9½ feet.



The following equations may be used to compute dimensions for parking angles other than those provided in the chart above:

$$E = C \sin A + B \cos A$$

$$G = B / \sin A$$

NOTE: Aisle widths shall be provided as required for the next greater parking angle shown in the chart above.

Exhibit C for 23.54.030: Parking Aisle Dimensions

2. Minimum aisle widths shall be provided for the largest vehicles served by the aisle.
3. Turning and maneuvering areas shall be located on private property, except that alleys may be credited as aisle space.
4. Aisle slope shall not exceed 17 percent provided that the Director may permit a greater slope if the criteria in subsections 23.54.030.D.3.a, 23.54.030.D.3.b, and 23.54.030.D.3.c are met.