

15-2 Parking, Loading Spaces and Manoeuvring Areas –Tables and Figures

Table 15-2a: Number of parking, loading and cycle spaces

Activity	Car parking spaces	Loading spaces	Visitor cycle spaces	Staff cycle spaces
a) Ancillary residential units and apartment buildings	1 per residential unit	-	1 per 4 units	-
b) Building improvement centre (excluding nurseries and garden centres)	1 per 50m ² gross floor area	1 space	-	-
c) Camping grounds	1 per unit, camp site or caravan site	-	-	-
d) Childcare facilities for less than six children	2 plus 1 per FTE staff member	-	-	-
e) Childcare facilities for six or more children	1 per FTE staff member plus 1 drop-off car space per 5 children that the facility is designed to accommodate	-	-	1 per 100 students
f) Community centre	1 per 30m ² gross floor area	1 space	1 per 50m ² gross floor area	-
g) Detached dwellings and duplex dwellings	2 per household or dwelling	-	-	-
h) Drive-through services	1 per 30m ² gross floor area (excluding canopy area over pumps) plus 5 queuing spaces per dispensing facility	1 space	1 per 100m ² gross floor area	1 space per 5 FTE staff
i) Emergency service facilities	1 car space per on-duty staff person, plus sufficient space for all the emergency vehicles that use the site	-	-	-
j) Health care services	3 per consultant and 1 per FTE staff	1 space	1 per consultant	1 space per 5 FTE staff
k) Home-based business	2 per household plus 1 per vehicle used solely for the home-based business	-	-	-
l) Hospitals	1 per 4 FTE staff plus 1 per 4 beds	1 space per 50 beds	1 per 15 beds	1 per 30 beds
m) Industrial activities (including warehouses) (excluding trade and industry facilities)	1 per 150m ² gross floor area	1 space per development or per 3000m ² gross floor area, whichever is the greater	-	1 space per 5 FTE staff
n) Industrial activities (trade and industry facilities only)	1 per FTE staff, plus 1 per 3 students the facility is designed to accommodate	1 space	1 per 3 FTE students	1 space per 5 FTE staff

o) Managed care facilities and rest homes	1 per 3 bedrooms plus 1 per every FTE staff member	-	1 per 60 beds	1 space per 5 FTE staff
p) Marae	1 per 25m ² gross floor area	1 space	1 per 50 m ² gross floor area or 1 for every 5 persons the facility is designed to accommodate, whichever is the greater	-
q) Nurseries and garden centres	1 space per 200m ² site area and a minimum of 4 spaces	-	-	1 space per 5 FTE staff
r) Offices	1 per 40m ² gross floor area	1 space	1 per 350m ² gross floor area	1 per 125m ² gross floor area
s) Outdoor recreational area including playing fields, courts and tracks	1 per 3 participants based on the maximum number of participants that the area is designed to accommodate	-	1 per 20 participants based on the maximum number of participants that the area is designed to accommodate	-
t) Places of assembly (except libraries and museums)	1 per 15 m ² gross floor area or 1 for every 5 persons the facility is designed to accommodate, whichever is the greater	1 space	1 per 50 m ² gross floor area or 1 for every 5 persons the facility is designed to accommodate, whichever is the greater	-
u) Places of assembly (Libraries and museums only)	1 per 30m ² gross floor area	1 space	5 spaces plus 1 per 200m ² gross floor area	1 per 500m ² gross floor area
v) Places of worship	1 per 30m ² gross floor area	1 space	1 per 50 m ² gross floor area or 1 for every 5 persons the facility is designed to accommodate, whichever is the greater	-
w) Buildings serving outdoor recreational areas and indoor recreation buildings	1 per 20m ² gross floor area	1 space	1 per 50m ² gross floor area	-
x) Research and Innovation activities	1 per 40m ² gross floor area	1 space	1 per 350m ² gross floor area	1 per 125m ² gross floor area
y) Residential centres	1 per FTE staff plus 1 per 3 bedrooms	-	1 per 5 beds	1 space per 5 FTE staff
z) Retail activities (gross floor area less than 5000m ² ; in individual ownership/tenancy or integrated retail development)	1 per 20m ² gross floor area	1 space	1 per 350m ² GLFA	1 per 125m ² GLFA
aa) Retail activities (gross floor area greater than 5000m ² and less than 10,000m ² gross floor area; in individual ownership/tenancy or integrated retail development)	1 per 30m ² gross floor area	1 space	1 per 350m ² GLFA	1 per 125m ² GLFA
bb) Retail activities (gross floor area greater than 10,000m ² ; in individual ownership/tenancy or integrated retail)	1 per 40m ² gross floor area	1 space	1 per 350m ² GLFA	1 per 125m ² GLFA

development)				
cc) Retail activities – bulky goods only	1 per 50m ² gross floor area	1 space	-	1 space per 5 FTE staff
dd) Retail activities – outdoor only	1 per 100m ² of uncovered display area	-	-	1 space per 5 FTE staff
ee) Retail activities – indoor display areas for vehicles, boats and agricultural and industrial machinery only	1 per 150m ² gross floor area	1 space	-	1 space per 5 FTE staff
ff) Retail activities – food and beverage, cafes, restaurants and licensed premises only	1 per 10m ² gross floor area	1 space	1 per 125m ² gross floor area	1 per 400m ² gross floor area
gg) Retail activities – supermarkets only	1 per 20m ² gross floor area	1 space	1 per 350m ² GLFA	1 space per 5 FTE staff
hh) Retirement villages	1 per unit plus 1 for every four units	-	1 per 60 beds	1 space per 5 FTE staff
ii) Schools	1 per FTE staff plus 1 drop-off space per 50 primary and intermediate students and 1 per 100 secondary students 1 bus space per 200 students where school bus services are provided. For schools not served by school bus services, no bus spaces are required	-	Primary schools 1 per 20 students Intermediate schools 1 per 5 students Secondary schools 1 per 4 students	1 per 100 students
jj) Showhome	2 per showhome	-	-	-
kk) Tertiary education and specialised training facilities	1 per FTE staff, plus 1 per 3 students the facility is designed to accommodate	1 space	1 per 3 FTE students	1 per 100 FTE students
ll) Transport depots	1 per 100m ² gross floor area of building or site area used for storage, whichever is the greater	1 space	-	1 space per 5 FTE staff
mm) Visitor accommodation	1 per FTE staff member plus the greater of either 1 per 3 visitors that the facility is designed to accommodate or 1 per unit	1 space	1 per 20 beds except hotels where the rate is 1 per 30 bedrooms	1 space per 5 FTE staff

Note

- The installation of bicycle spaces in an adjoining transport corridor is at the discretion and approval of Council as the Road Controlling Authority and may be subject to specific design requirements.
- If fewer than four spaces and stands are required then these can be allocated to either visitor or staff parking (or both).
- If more than four spaces are required then a minimum of 25% should be allocated to visitor use and 25% for staff use only, the remainder can be allocated to either visitor or staff parking (or both).
- Volume 1, [Rule 25.14.4.2\(a\)ii](#) caps the minimum staff cycle spaces requirement at 1 per 5 FTE staff.
- The standards in this table do not apply within the Transport Corridor Zone or Natural Open Space Zone (refer to Table 15-2c).
- The car parking and loading space standards in this table do not apply within the Central City Zone (refer to Table 15-2b).
- Cycle space standards in this table apply within the Central City Zone.

Table 15-2b: Number of parking and loading spaces required – Central City Zone

Activity	Car parking spaces	Loading/service spaces
a) Residential	-	-
b) All other activities	-	1 space per site

		This standard does not apply where the site has existing development and insufficient space to allow a compliant loading/service space
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Table 15-2c: Number of parking and loading spaces in the Natural Open Space Zone and Transport Corridor Zone

Activity	Car parking spaces	Loading/service spaces
a) All activities	-	-

Table 15-2d: Number of accessible spaces required – disabled users – All Zones

Total number of car park spaces being provided	Minimum number of accessible car park spaces for disabled users
1 – 20	1
21 – 50	2
For every additional 50 car parks above 50 car park spaces	1 additional

Table 15-2e: Number of spaces required for less mobile users – All Zones

Total number of car park spaces being provided	Minimum number of car park spaces for less mobile users
50 - 100	1
For every additional 50 car parks above 50 car park spaces	1 additional

Note
 1. For the purposes of spaces required by Volume 1 Rule 24.14.4.2(c)ii and Table 15-2e, the allocation and management of use to less mobile users (e.g. elderly, parents with infants, and/or temporary disabilities) is at the discretion of the site owner or occupier.

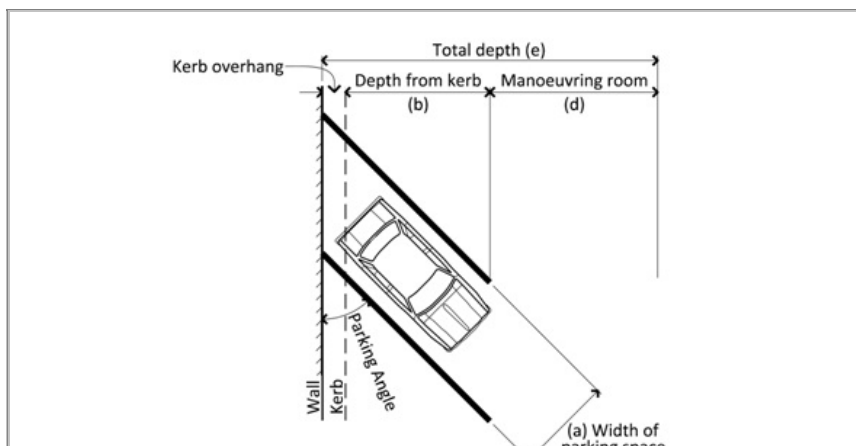
Table 15-2f: Number of motorcycle parking spaces required – All Zones

Total number of car park spaces being provided	Minimum number of motorcycle spaces
20-100 spaces	3
For every additional 40 car parks above 100 car park spaces	1 additional

Table 15-2g: Number of bicycle end-of-journey facilities required – Central City Zone and Business Zones 1 to 7

Number of cycle spaces	Minimum number of showers	Minimum number of lockers	Minimum number of changing rooms
10 – 50	2	1 per 3 cycle spaces	2
51 – 150	4		
Each additional 100 cycle spaces	2 additional		

Table 15-2h: Minimum dimensions for on-site parking, loading spaces and manoeuvring areas



Type of parking		Stall width (a)	Stall depth		Manoeuvring width (d)	Total depth (e)	
Parking angle (x)	Type		From wall (b)	From kerb (c)		One row	Two rows
ALL MEASUREMENTS ARE IN METRES							
90	Nose in	2.4	5.1	4.1	7.9	13.0	18.1
		2.5			7.6	12.7	17.8
		2.6			7.2	12.3	17.4
		2.7			6.8	11.9	17.0
75	Nose in	2.4	5.4	4.4	6.4	11.3	17.2
		2.5			5.8	11.2	16.6
		2.6			5.2	10.6	16.0
		2.7			4.6	10.0	15.4
60	Nose in	2.4	5.4	4.5	4.5	9.9	15.3
		2.5			4.2	9.6	15.0
		2.6			3.9	9.3	14.7
		2.7			3.6	9.0	14.4
45	Nose in	2.4	5.0	4.2	3.6	8.6	13.6
		2.5			3.5	8.5	13.5
		2.6			3.4	8.4	13.4
		2.7			3.3	8.3	13.3
30	Nose in	2.4	4.3	3.7	3.0	7.3	11.6
		2.5					
		2.6					
		2.7					
0	Parallel	2.5	Stall length 6.0		3.7	6.2	8.7

1. Parallel parking spaces (Parking Angle = 0) shall be 6m long, except where one end of the space is not obstructed, in which case the length of the space may be reduced to 5m.
2. Minimum aisle and accessway widths shall be 3m for one way flow, and 5.5m for two way flow. Recommended aisle and accessway widths are 3.5m for one way flow, and 6m for two way flow.
3. Maximum kerb height = 150mm.
4. Parking space dimensions will vary for accessible car park spaces.

Figure 15-2i: Examples of on-site parking configurations

Refer to Table 15-2h for relevant minimum dimensions

