CAR PARKING

Purpose

To ensure that car parking is provided in accordance with the State Planning Policy Framework and Local Planning Policy Framework.

To ensure the provision of an appropriate number of car parking spaces having regard to the demand likely to be generated, the activities on the land and the nature of the locality.

To support sustainable transport alternatives to the motor car.

To promote the efficient use of car parking spaces through the consolidation of car parking facilities.

To ensure that car parking does not adversely affect the amenity of the locality.

To ensure that the design and location of car parking is of a high standard, creates a safe environment for users and enables easy and efficient use.

Scope

Clause 52.06 applies to:

- a new use; or
- an increase in the floor area or site area of an existing use; or
- an increase to an existing use by the measure specified in Column C of Table 1 in Clause 52.06-5 for that use.

Clause 52.06 does not apply to:

- the extension of one dwelling on a lot in the Neighbourhood Residential Zone, General Residential Zone, Residential Growth Zone, Mixed Use Zone or Township Zone; or
- the construction and use of one dwelling on a lot in the Neighbourhood Residential Zone, General Residential Zone, Residential Growth Zone, Mixed Use Zone or Township Zone unless the zone or a schedule to the zone specifies that a permit is required to construct or extend one dwelling on a lot.

Provision of car parking spaces

Before:

- a new use commences; or
- the floor area or site area of an existing use is increased; or
- an existing use is increased by the measure specified in Column C of Table 1 in Clause 52.06-5 for that use,

the number of car parking spaces required under Clause 52.06-5 or in a schedule to the Parking Overlay must be provided to the satisfaction of the responsible authority in one or more of the following ways:

- on the land; or
- in accordance with a permit issued under Clause 52.06-3; or
- in accordance with a financial contribution requirement specified in a schedule to the Parking Overlay.

If a schedule to the Parking Overlay specifies a maximum parking provision, the maximum provision must not be exceeded except in accordance with a permit issued under Clause 52.06-3.
52.06-3  Permit requirement

A permit is required to:

- Reduce (including reduce to zero) the number of car parking spaces required under Clause 52.06-5 or in a schedule to the Parking Overlay.
- Provide some or all of the car parking spaces required under Clause 52.06-5 or in a schedule to the Parking Overlay on another site.
- Provide more than the maximum parking provision specified in a schedule to the Parking Overlay.

A permit is not required if:

- A schedule to the Parking Overlay specifies that a permit is not required under this Clause.
- the number of car parking spaces required under Clause 52.06-5 or in a schedule to the Parking Overlay for a new use of land is less than or equal to the number of car parking spaces required under Clause 52.06-5 or in a schedule to the Parking Overlay for the existing use of the land; and
- the number of car parking spaces currently provided in connection with the existing use is not reduced after the new use commences.

52.06-4  Exemption from notice and review

An application under Clause 52.06-3 is exempt from the notice requirements of Section 52(1)(a), (b) and (d), the decision requirements of Section 64(1), (2) and (3) and the review rights of Section 82(1) of the Act if:

- the application is only for a permit under Clause 52.06-3; or
- the application is also for a permit under another provision of the planning scheme and in respect of all other permissions sought, the application is exempt from the notice requirements of Section 52(1)(a), (b) and (d), the decision requirements of Section 64(1), (2) and (3) and the review rights of Section 82(1) of the Act.

52.06-5  Number of car parking spaces required under Table 1

Table 1 of this clause sets out the car parking requirement that applies to a use listed in the Table.

A car parking requirement in Table 1 may be calculated as either:

- a number of car parking spaces; or
- a percentage of the total site area that must be set aside for car parking.

A car parking requirement in Table 1 is calculated by multiplying the figure in Column A or Column B (whichever applies) by the measure (for example square metres, number of patrons or number of bedrooms) in Column C.

Column A applies unless a schedule to the Parking Overlay or another provision of the planning scheme specifies that Column B applies.

Where an existing use is increased by the measure specified in Column C of Table 1 for that use, the car parking requirement only applies to the increase, provided the existing number of car parking spaces currently being provided in connection with the existing use is not reduced.

If in calculating the number of car parking spaces the result is not a whole number, the required number of car parking spaces is to be rounded down to the nearest whole number.

Where the car parking requirement specified in Table 1 is calculated as a percentage of the total site area, the area to be provided for car parking includes an accessway that directly abuts any car parking spaces, but does not include any accessway or portion of an accessway that does not directly abut any car parking spaces.
The car parking requirement specified in Table 1 includes disabled car parking spaces. The proportion of spaces to be allocated as disabled spaces must be in accordance with Australian Standard AS2890.6-2009 (disabled) and the Building Code of Australia.

The car parking requirement specified for a use listed in Table 1 does not apply if:

- a car parking requirement for the use is specified under another provision of the planning scheme; or
- a schedule to the Parking Overlay specifies the number of car parking spaces required for the use.

Table 1: Car parking requirement

<table>
<thead>
<tr>
<th>Use</th>
<th>Rate Column A</th>
<th>Rate Column B</th>
<th>Car Parking Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amusement parlour</td>
<td>4</td>
<td>3.5</td>
<td>To each 100 sq m of net floor area</td>
</tr>
<tr>
<td>Art &amp; craft centre</td>
<td>4</td>
<td>3.5</td>
<td>To each 100 sq m of net floor area</td>
</tr>
<tr>
<td>Betting agency</td>
<td>4</td>
<td>3.5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Bowling green</td>
<td>6</td>
<td>6</td>
<td>To each rink plus 50 per cent of the relevant requirement of any ancillary use</td>
</tr>
<tr>
<td>Child care centre</td>
<td>0.22</td>
<td>0.22</td>
<td>To each child</td>
</tr>
<tr>
<td>Cinema based entertainment complex</td>
<td>0.3</td>
<td>0.3</td>
<td>To each patron permitted</td>
</tr>
<tr>
<td>Convenience restaurant</td>
<td>0.3</td>
<td>3.5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Convenience shop if the leasable floor area exceeds 80 sq m</td>
<td>10</td>
<td>3.5</td>
<td>To each premises</td>
</tr>
<tr>
<td>Display home</td>
<td>5</td>
<td>2</td>
<td>To each dwelling for five or fewer contiguous dwellings, plus</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3.5</td>
<td>To each additional contiguous dwelling</td>
</tr>
<tr>
<td>Dwelling</td>
<td>1</td>
<td>1</td>
<td>To each one or two bedroom dwelling, plus</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>2</td>
<td>To each three or more bedroom dwelling (with studies or studios that are separate rooms counted as a bedrooms) plus</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>0</td>
<td>For visitors to every 5 dwellings for developments of 5 or more dwellings</td>
</tr>
<tr>
<td>Use</td>
<td>Rate Column A</td>
<td>Rate Column B</td>
<td>Car Parking Measure</td>
</tr>
<tr>
<td>---------------------------------------------------------------------</td>
<td>---------------</td>
<td>---------------</td>
<td>--------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Education centre – other than listed in this table</td>
<td>0.4</td>
<td>0.3</td>
<td>To each student that is part of the maximum number of students on the site at any time</td>
</tr>
<tr>
<td>Food &amp; drink premises other than listed in this table</td>
<td>4</td>
<td>3.5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Freezing &amp; cool storage,</td>
<td>1.5</td>
<td>1</td>
<td>To each 100 sq m of net floor area</td>
</tr>
<tr>
<td>Fuel depot</td>
<td>10</td>
<td>10</td>
<td>Per cent of site area</td>
</tr>
<tr>
<td>Funeral Parlour</td>
<td>0.3</td>
<td>0.3</td>
<td>To each patron permitted</td>
</tr>
<tr>
<td>Gambling premises other than listed in this table</td>
<td>0.4</td>
<td>3.5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Golf course</td>
<td>4</td>
<td>4</td>
<td>To each hole plus 50 per cent of the relevant requirement of any ancillary uses.</td>
</tr>
<tr>
<td>Home Occupation</td>
<td>1</td>
<td>0</td>
<td>To each employee not a resident of the dwelling</td>
</tr>
<tr>
<td>Hotel</td>
<td>0.4</td>
<td>3.5</td>
<td>To each patron permitted</td>
</tr>
<tr>
<td>Industry other than listed in this table</td>
<td>2.9</td>
<td>1</td>
<td>To each 100 sq m of net floor area</td>
</tr>
<tr>
<td>Landscape gardening supplies</td>
<td>10</td>
<td>10</td>
<td>Per cent of site area</td>
</tr>
<tr>
<td>Mail centre</td>
<td>3.5</td>
<td>3</td>
<td>To each 100 sq m of net floor area</td>
</tr>
<tr>
<td>Manufacturing sales</td>
<td>4</td>
<td>3.5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Market</td>
<td>8</td>
<td>3.5</td>
<td>To each 100 sq m of site area</td>
</tr>
<tr>
<td>Materials recycling</td>
<td>10</td>
<td>3.5</td>
<td>Per cent of site area</td>
</tr>
<tr>
<td>Medical centre</td>
<td>5</td>
<td>3</td>
<td>To the first person providing health services plus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>To every other person providing health services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Milk depot</td>
<td>10</td>
<td>10</td>
<td>Per cent of site area</td>
</tr>
<tr>
<td>Motel</td>
<td>1</td>
<td>1</td>
<td>To each unit, and one to each manager dwelling, plus 50 per cent of the relevant requirement of any ancillary use</td>
</tr>
<tr>
<td>Use</td>
<td>Rate Column A</td>
<td>Rate Column B</td>
<td>Car Parking Measure</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>---------------</td>
<td>---------------</td>
<td>---------------------</td>
</tr>
</tbody>
</table>
| Motor repairs                                | 3             | 3             | To each 100 sq m of net floor area plus  
|                                              | 1             | 1             | for each vehicle being serviced, repaired or fitted with accessories, including vehicles waiting to be serviced, repaired, fitted with accessories or collected by owners |
| Office other than listed in this table       | 3.5           | 3             | To each 100 sq m of net floor area |
| Place of assembly except amusement parlour   | 0.3           | 0.3           | To each patron permitted |
| Postal agency                                | 4             | 3.5           | To each 100 sq m of leasable floor area |
| Primary produce sales                        | 4             | 3.5           | To each 100 sq m of leasable floor area |
| Primary school                               | 1             | 1             | To each employee that is part of the maximum number of employees on the site at any time |
| Research and development centre              | 3.5           | 3             | To each 100 sq m of net floor area |
| Residential aged care facility               | 0.3           | 0.3           | To each lodging room |
| Residential village                          | 1             | 1             | To each one or two bedroom dwelling plus  
|                                              | 2             | 2             | To each three or more bedroom dwelling (with studies or studios that are separate rooms counted as a bedrooms) plus  
|                                              | 1             | 0             | For visitors to every five dwellings for developments of five or more dwellings |
| Retirement village                           | 1             | 1             | To each one or two bedroom dwelling plus  
|                                              | 2             | 2             | To each three or more bedroom dwelling (with studies or studios that are separate rooms counted as a bedrooms) plus  
|                                              | 1             | 0             | For visitors to every five dwellings for developments of five or more dwellings |
| Restaurant                                   | 0.4           | 3.5           | To each patron permitted |

**Use Rate Column A**
Applies the standard rate to all zones

**Use Rate Column B**
Only applies where specified in a schedule to the Parking Overlay

**Car Parking Measure Column C**
To each 100 sq m of net floor area or leasable floor area.
<table>
<thead>
<tr>
<th>Use</th>
<th>Rate Column A</th>
<th>Rate Column B</th>
<th>Car Parking Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted retail premises</td>
<td>3</td>
<td>2.5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Saleyard</td>
<td>10</td>
<td>10</td>
<td>Per cent of site area</td>
</tr>
<tr>
<td>Secondary school</td>
<td>1.2</td>
<td>1.2</td>
<td>To each employee that is part of the maximum number of employees on the site at any time</td>
</tr>
<tr>
<td>Shop other than listed in this table</td>
<td>4</td>
<td>3.5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Squash court – other than in conjunction with a dwelling</td>
<td>3</td>
<td>3</td>
<td>To each court plus 50 per cent of the relevant requirement of any ancillary use</td>
</tr>
<tr>
<td>Store other than listed in this table</td>
<td>10</td>
<td>10</td>
<td>Per cent of site area</td>
</tr>
<tr>
<td>Supermarket</td>
<td>5</td>
<td>5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Swimming pool – other than in conjunction with a dwelling</td>
<td>5.6</td>
<td>5.6</td>
<td>To each 100 sq m of the site</td>
</tr>
<tr>
<td>Tavern</td>
<td>0.4</td>
<td></td>
<td>To each patron permitted</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.5</td>
<td>Space to each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Tennis court – other than in conjunction with a dwelling</td>
<td>4</td>
<td>4</td>
<td>To each court plus 50% of the requirement of any ancillary use</td>
</tr>
<tr>
<td>Trade supplies</td>
<td>10</td>
<td>10</td>
<td>Per cent of site area</td>
</tr>
<tr>
<td>Veterinary centre</td>
<td>5</td>
<td></td>
<td>To the first person providing animal health services plus</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>To every other person providing animal health services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
<tr>
<td>Warehouse other than listed in this table</td>
<td>2</td>
<td>2</td>
<td>To each premises plus</td>
</tr>
<tr>
<td></td>
<td>1.5</td>
<td>1</td>
<td>To each 100 sq m of net floor area</td>
</tr>
<tr>
<td>Winery</td>
<td>0.4</td>
<td></td>
<td>To each patron permitted</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.5</td>
<td>To each 100 sq m of leasable floor area</td>
</tr>
</tbody>
</table>

### Number of car parking spaces required for other uses

Where a use of land is not specified in Table 1 or where a car parking requirement is not specified for the use in another provision of the planning scheme or in a schedule to the...
Parking Overlay, before a new use commences or the floor area or site area of an existing use is increased, car parking spaces must be provided to the satisfaction of the responsible authority.

52.06-7 Application requirements and decision guidelines for permit applications

For applications to reduce the car parking requirement

An application to reduce (including reduce to zero) the number of car parking spaces required under Clause 52.06-5 or in a schedule to the Parking Overlay must be accompanied by a Car Parking Demand Assessment.

The Car Parking Demand Assessment must assess the car parking demand likely to be generated by the proposed:

- new use; or
- increase in the floor areas or site area of the existing use; or
- increase to the existing use by the measure specified in Column C of Table 1 in Clause 52.06-5 for that use.

The Car Parking Demand Assessment must address the following matters, to the satisfaction of the responsible authority:

- The likelihood of multi-purpose trips within the locality which are likely to be combined with a trip to the land in connection with the proposed use.
- The variation of car parking demand likely to be generated by the proposed use over time.
- The short-stay and long-stay car parking demand likely to be generated by the proposed use.
- The availability of public transport in the locality of the land.
- The convenience of pedestrian and cyclist access to the land.
- The provision of bicycle parking and end of trip facilities for cyclists in the locality of the land.
- The anticipated car ownership rates of likely or proposed visitors to or occupants (residents or employees) of the land.
- Any empirical assessment or case study.

Before granting a permit to reduce the number of spaces, the responsible authority must consider the following, as appropriate:

- The Car Parking Demand Assessment.
- Any relevant local planning policy or incorporated plan.
- The availability of alternative car parking in the locality of the land, including:
  - Efficencies gained from the consolidation of shared car parking spaces.
  - Public car parks intended to serve the land.
  - On street parking in non residential zones.
  - Streets in residential zones specifically managed for non-residential parking.
- On street parking in residential zones in the locality of the land that is intended to be for residential use.
- The practicality of providing car parking on the site, particularly for lots of less than 300 square metres.
- Any adverse economic impact a shortfall of parking may have on the economic viability of any nearby activity centre.
- The future growth and development of any nearby activity centre.
- Any car parking deficiency associated with the existing use of the land.
Any credit that should be allowed for car parking spaces provided on common land or by a Special Charge Scheme or cash-in-lieu payment.

Local traffic management in the locality of the land.

The impact of fewer car parking spaces on local amenity, including pedestrian amenity and the amenity of nearby residential areas.

The need to create safe, functional and attractive parking areas.

Access to or provision of alternative transport modes to and from the land.

The equity of reducing the car parking requirement having regard to any historic contributions by existing businesses.

The character of the surrounding area and whether reducing the car parking provision would result in a quality/positive urban design outcome.

Any other matter specified in a schedule to the Parking Overlay.

Any other relevant consideration.

For applications to allow some or all of the required car parking spaces to be provided on another site

Before granting a permit to allow some or all of the car parking spaces required under Clause 52.06-5 or in a schedule to the Parking Overlay to be provided on another site, the responsible authority must consider the following, as appropriate:

- The proximity of the car parking on the alternate site to the subject site.
- The likelihood of the long term provision and availability of the car parking spaces.
- Whether the location of the car parking spaces is consistent with any relevant local policy or incorporated plan.
- Any other matter specified in a schedule to the Parking Overlay.

For applications to provide more than the maximum parking provision specified in a schedule to the Parking Overlay

An application to provide more than the maximum parking provision specified in a schedule to the Parking Overlay must be accompanied by a Car Parking Demand Assessment.

The Car Parking Demand Assessment must assess the car parking demand likely to be generated by the proposed use or increase to the existing use.

The Car Parking Demand Assessment must address the following matters, to the satisfaction of the responsible authority:

- The likelihood of multi-purpose trips within the locality which are likely to be combined with a trip to the land in connection with the proposed use.
- The variation of car parking demand likely to be generated by the proposed use over time.
- The short-stay and long-stay car parking demand likely to be generated by the proposed use.
- The availability of public transport in the locality of the land.
- The convenience of pedestrian and cyclist access to the land.
- The provision of bicycle parking and end of trip facilities for cyclists in the locality of the land.
- The anticipated car ownership rates of likely or proposed visitors to or occupants (residents or employees) of the land.
- Any empirical assessment or case study.
52.06-8 Requirement for a car parking plan

Plans must be prepared to the satisfaction of the responsible authority before any of the following occurs:

- a new use commences; or
- the floor area or site area of an existing use is increased; or
- an existing use is increased by the measure specified in Column C of Table 1 in Clause 52.06-5 for that use.

The plans must show, as appropriate:

- All car parking spaces that are proposed to be provided (whether on the land or on other land).
- Access lanes, driveways and associated works.
- Allocation of car parking spaces to different uses or tenancies, if applicable.
- Any landscaping and water sensitive urban design treatments.
- Finished levels, if required by the responsible authority.
- Any other matter specified in a schedule to the Parking Overlay.

Plans must be provided to the responsible authority under Clause 52.06-8 wherever Clause 52.06 applies, whether or not a permit application is being made under Clause 52.06-3 or any other provision of the planning scheme.

Where an application is being made for a permit under Clause 52.06-3 or another provision of the planning scheme, the information required under Clause 52.06-8 may be included in other plans submitted with the application.

Clause 52.06-8 does not apply where no car parking spaces are proposed to be provided.

52.06-9 Design standards for car parking

Plans prepared in accordance with Clause 52.06-8 must meet the design standards of Clause 52.06-9, unless the responsible authority agrees otherwise.

Design standards 1, 3, 6 and 7 do not apply to an application to construct one dwelling on a lot.

Design standard 1 – Accessways

Accessways must:

- Be at least 3 metres wide.
- Have an internal radius of at least 4 metres at changes of direction or intersection or be at least 4.2 metres wide.
- Allow vehicles parked in the last space of a dead-end accessway in public car parks to exit in a forward direction with one manoeuvre.
- Provide at least 2.1 metres headroom beneath overhead obstructions, calculated for a vehicle with a wheel base of 2.8 metres.
- If the accessway serves four or more car spaces or connects to a road in a Road Zone, the accessway must be designed so that cars can exit the site in a forward direction.
- Provide a passing area at the entrance at least 6.1 metres wide and 7 metres long if the accessway serves ten or more car parking spaces and is either more than 50 metres long or connects to a road in a Road Zone.
- Have a corner splay or area at least 50 per cent clear of visual obstructions extending at least 2 metres along the frontage road from the edge of an exit lane and 2.5 metres along the exit lane from the frontage, to provide a clear view of pedestrians on the footpath of the frontage road. The area clear of visual
obstructions may include an adjacent entry or exit lane where more than one lane is provided, or adjacent landscaped areas, provided the landscaping in those areas is less than 900mm in height.

If an accessway to four or more car parking spaces is from land in a Road Zone, the access to the car spaces must be at least 6 metres from the road carriageway.

If entry to the car space is from a road, the width of the accessway may include the road.

Design standard 2 – Car parking spaces

Car parking spaces and accessways must have the minimum dimensions as outlined in Table 2.

Table 2: Minimum dimensions of car parking spaces and accessways

<table>
<thead>
<tr>
<th>Angle of car parking spaces to accessway</th>
<th>Accessway width</th>
<th>Car space width</th>
<th>Car space length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parallel</td>
<td>3.6 m</td>
<td>2.3 m</td>
<td>6.7 m</td>
</tr>
<tr>
<td>45º</td>
<td>3.5 m</td>
<td>2.6 m</td>
<td>4.9 m</td>
</tr>
<tr>
<td>60º</td>
<td>4.9 m</td>
<td>2.6 m</td>
<td>4.9 m</td>
</tr>
<tr>
<td>90º</td>
<td>6.4 m</td>
<td>2.6 m</td>
<td>4.9 m</td>
</tr>
<tr>
<td></td>
<td>5.8 m</td>
<td>2.8 m</td>
<td>4.9 m</td>
</tr>
<tr>
<td></td>
<td>5.2 m</td>
<td>3.0 m</td>
<td>4.9 m</td>
</tr>
<tr>
<td></td>
<td>4.8 m</td>
<td>3.2 m</td>
<td>4.9 m</td>
</tr>
</tbody>
</table>

Note to Table 2: Some dimensions in Table 2 vary from those shown in the Australian Standard AS2890.1-2004 (off street). The dimensions shown in Table 2 allocate more space to aisle widths and less to marked spaces to provide improved operation and access. The dimensions in Table 2 are to be used in preference to the Australian Standard AS2890.1-2004 (off street) except for disabled spaces which must achieve Australian Standard AS2890.6-2009 (disabled).

A wall, fence, column, tree, tree guard or any other structure that abuts a car space must not encroach into the area marked ‘clearance required’ on Diagram 1, other than:

- A column, tree or tree guard, which may project into a space if it is within the area marked ‘tree or column permitted’ on Diagram 1.
- A structure, which may project into the space if it is at least 2.1 metres above the space.
Diagram 1 Clearance to car parking spaces

Car spaces in garages or carports must be at least 6 metres long and 3.5 metres wide for a single space and 5.5 metres wide for a double space measured inside the garage or carport.

Where parking spaces are provided in tandem (one space behind the other) an additional 500 mm in length must be provided between each space.

Where two or more car parking spaces are provided for a dwelling, at least one space must be under cover.

Disabled car parking spaces must be designed in accordance with Australian Standard AS2890.6-2009 (disabled) and the Building Code of Australia. Disabled car parking spaces may encroach into an accessway width specified in Table 2 by 500mm.

**Design standard 3: Gradients**

Accessway grades must not be steeper than 1:10 (10 per cent) within 5 metres of the frontage to ensure safety for pedestrians and vehicles. The design must have regard to the wheelbase of the vehicle being designed for; pedestrian and vehicular traffic volumes; the nature of the car park; and the slope and configuration of the vehicle crossover at the site frontage. This does not apply to accessways serving three dwellings or less.

Ramps (except within 5 metres of the frontage) must have the maximum grades as outlined in Table 3 and be designed for vehicles travelling in a forward direction.

**Table 3: Ramp gradients**

<table>
<thead>
<tr>
<th>Type of car park</th>
<th>Length of ramp</th>
<th>Maximum grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Public car parks</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 metres or less</td>
<td>1:5 (20%)</td>
<td></td>
</tr>
<tr>
<td>longer than 20 metres</td>
<td>1:6 (16.7%)</td>
<td></td>
</tr>
<tr>
<td><strong>Private or residential car parks</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 metres or less</td>
<td>1:4 (25%)</td>
<td></td>
</tr>
<tr>
<td>longer than 20 metres</td>
<td>1:5 (20%)</td>
<td></td>
</tr>
</tbody>
</table>

Where the difference in grade between two sections of ramp or floor is greater that 1:8 (12.5 per cent) for a summit grade change, or greater than 1:6.7 (15 per cent) for a sag grade change, the ramp must include a transition section of at least 2 metres to prevent vehicles scraping or bottoming.

Plans must include an assessment of grade changes of greater than 1:5.6 (18 per cent) or less than 3 metres apart for clearances, to the satisfaction of the responsible authority.
Design standard 4: Mechanical parking

Mechanical parking may be used to meet the car parking requirement provided:

- At least 25 per cent of the mechanical car parking spaces can accommodate a vehicle height of at least 1.8 metres.
- Car parking spaces that require the operation of the system are not allocated to visitors unless used in a valet parking situation.
- The design and operation is to the satisfaction of the responsible authority.

Design standard 5: Urban design

Ground level car parking, garage doors and accessways must not visually dominate public space.

Car parking within buildings (including visible portions of partly submerged basements) must be screened or obscured where possible, including through the use of occupied tenancies, landscaping, architectural treatments and artworks.

Design of car parks must take into account their use as entry points to the site.

Design of new internal streets in developments must maximise on street parking opportunities.

Design standard 6: Safety

Car parking must be well lit and clearly signed.

The design of car parks must maximise natural surveillance and pedestrian visibility from adjacent buildings.

Pedestrian access to car parking areas from the street must be convenient.

Pedestrian routes through car parking areas and building entries and other destination points must be clearly marked and separated from traffic in high activity parking areas.

Design standard 7: Landscaping

The layout of car parking areas must provide for water sensitive urban design treatment and landscaping.

Landscaping and trees must be planted to provide shade and shelter, soften the appearance of ground level car parking and aid in the clear identification of pedestrian paths.

Ground level car parking spaces must include trees planted with flush grilles. Spacing of trees must be determined having regard to the expected size of the selected species at maturity.

52.06-10 Decision guidelines

Before deciding that a plan prepared under Clause 52.06-8 is satisfactory the responsible authority must consider, as appropriate:

- The role and function of nearby roads and the ease and safety with which vehicles gain access to the site.
- The ease and safety with which vehicles access and circulate within the parking area.
- The provision for pedestrian movement within and around the parking area.
- The provision of parking facilities for cyclists and disabled people.
- The protection and enhancement of the streetscape.
- The provisions of landscaping for screening and shade.
- The measures proposed to enhance the security of people using the parking area particularly at night.
The amenity of the locality and any increased noise or disturbance to dwellings and the amenity of pedestrians.

The workability and allocation of spaces of any mechanical parking arrangement.

The design and construction standards proposed for paving, drainage, line marking, signage, lighting and other relevant matters.

The type and size of vehicle likely to use the parking area.

Whether the layout of car parking spaces and access lanes is consistent with the specific standards or an appropriate variation.

The need for the required car parking spaces to adjoin the premises used by the occupier/s, if the land is used by more than one occupier.

Whether the layout of car spaces and accessways are consistent with Australian Standards AS2890.1-2004 (off street) and AS2890.6-2009 (disabled).

The relevant standards of Clauses 56.06-2, 56.06-4, 56.06-5, 56.06-7 and 56.06-8 for residential developments with accessways longer than 60 metres or serving 16 or more dwellings.

Any other matter specified in a schedule to the Parking Overlay.

**52.06-11 Construction of car parking**

Where a plan is required under Clause 52.06-8, the car parking spaces, access lanes, driveways and associated works and landscaping shown on the plan must be:

- constructed and available for use in accordance with the plan approved by the responsible authority; and
- formed to such levels and drained so that they can be used in accordance with the plan; and
- treated with an all-weather seal or some other durable surface; and
- line-marked or provided with some other adequate means of showing the car parking spaces,

before any of the following occurs:

- the new use commences; or
- the floor area or site area of the existing use is increased; or
- the existing use is increased by the measure specified in Column C of Table 1 in Clause 52.06-5 for that use.