

Driveways

Crossovers – area between property boundary and kerb (i.e. new and/or extend)

Inverts – alterations to the kerb and watertable (i.e. new, close and/or extend)

This fact sheet provides specific information for driveways. General information that also applies to working on a road is available on Council's website.

WIDTH

Driveways for residential properties should be constructed with a minimum width of 5 metres for a single garage and a maximum width of 8 metres for a double.

INVERTS

Inverts must be poured integrally with the watertable, the entire kerb and watertable must be excavated prior to construction.

All kerb concrete is to contain black oxide up to the rate of 5-10kg/m³ to match existing kerb.

CROSSOVERS

Driveway crossovers shall be constructed out of non-slip concrete, pavers or asphalt materials only.

Driveways in heritage areas must comply with the relevant Management Guidelines.

LOCATION AND PLACEMENT

A driveway must be constructed as near as practicable to 90 degrees to the kerb alignment and should be situated wholly within the property frontage.

If you no longer have use for an existing driveway, any redundant inverts/crossovers are to be closed and replaced with upright kerb/footpath to match the remainder of the street.

Driveways are not permitted within 6 metres of an intersection or within 1 metre of a stobie pole or other similar infrastructure.

In accordance with Council's Tree Policy, should development require a driveway or service connection to the street, designs will avoid or minimise impacts on trees that are to be retained or established. A driveway crossover shall not be constructed within 1 metre of any Council tree or 2.5 times the trees diameter at 1.5 metres above ground level (whichever is the greater) of any Council tree, unless essential to provide primary access.

Please note: Applications on arterial roads will also require comment from the Department of Planning, Transport and Infrastructure (DPTI).



GRADE

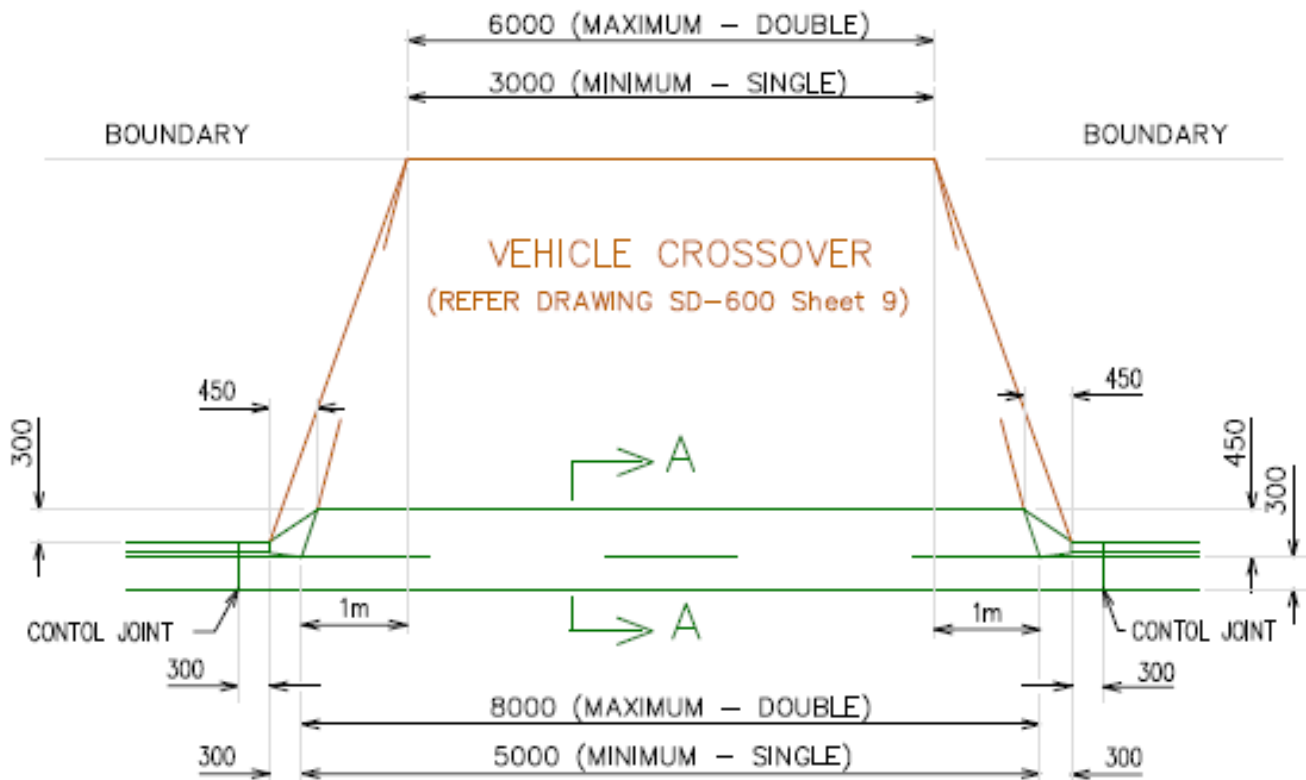
Driveway crossovers must grade toward the road and finished level on a crossover at the boundary must be above the level on top of adjacent kerb, unless other suitable means of preventing the ingress of street stormwater are adopted.

The maximum crossover grade from back of kerb to the property boundary is 5% (1:20). The maximum driveway grade within property is 20% (1:5).

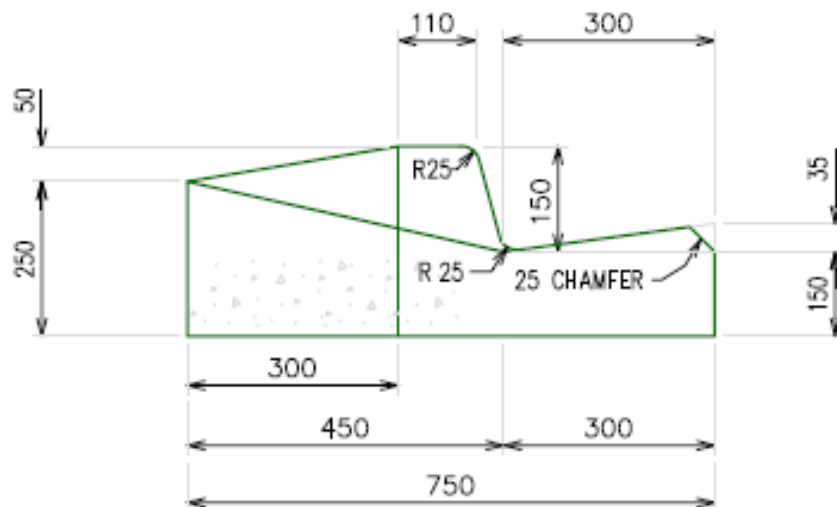
Where a crossover crosses the verge the maximum crossfall shall be 5% (1:20). Council will not alter the footpath level to match new driveway levels and footpath levels shall not be altered.

COMMERCIAL DRIVEWAYS

There are different standards for complying light duty and heavy duty commercial driveways. Please email mitcham@mitchamcouncil.sa.gov.au for more information.



VEHICLE CROSSOVER



KERB CROSSOVER (A-A)

NOTE:-

1. ALL KERBING TO BE IN ACCORDANCE WITH AS 2876-2000, CONCRETE KERBS AND CHANNELS (GUTTERS)
2. ALL KERBING CONCRETE TO CONTAIN BLACK OXIDE UPTO THE RATE OF 10Kgs./Cu.m., TO MATCH EXISTING.
3. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH COUNCIL'S "TECHNICAL SPECIFICATION FOR CONCRETE WORK"

STANDARD DETAIL
RESIDENTIAL ENTRANCE
KERB CROSSOVER
FOR 150mm BARRIER KERB



CITY OF
MITCHAM

DRAWING No.

SD-600

SHEET

8

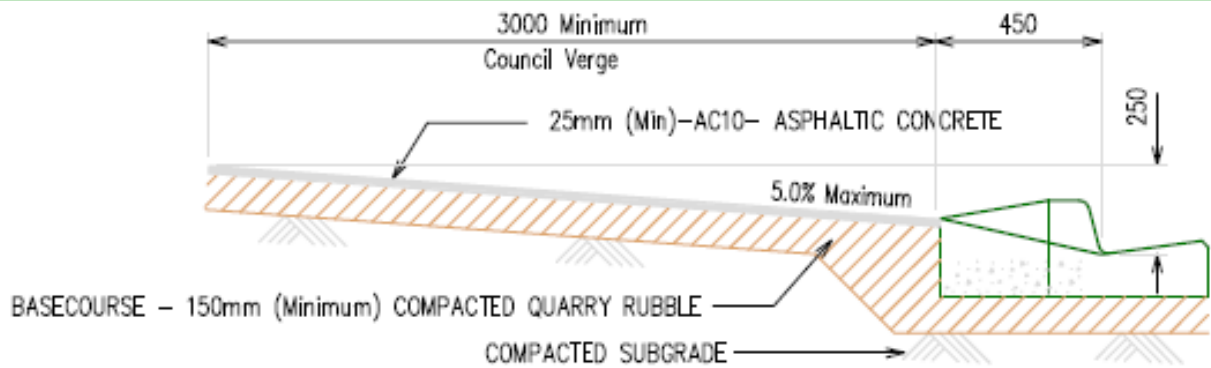
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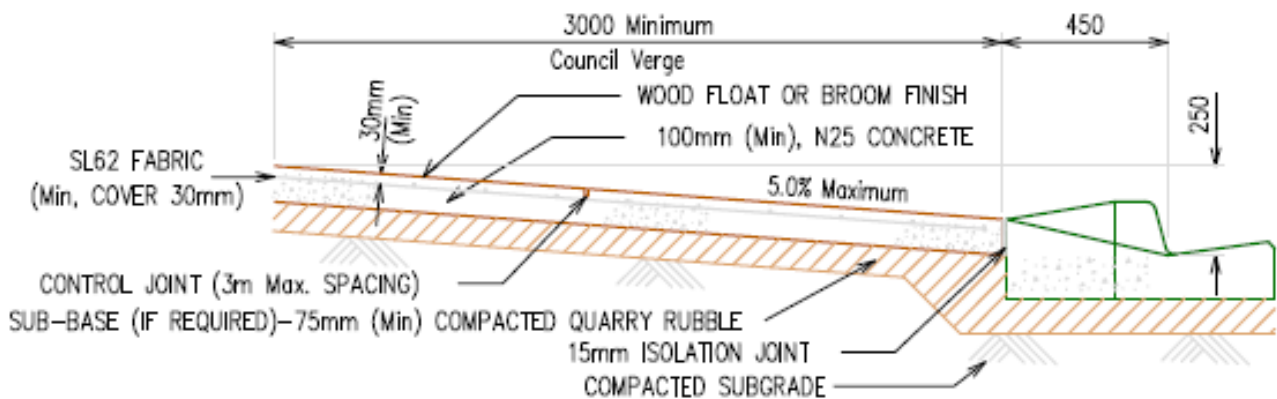
COPY ISSUE DATE

PREVIOUS ISSUE DATE
July 2005

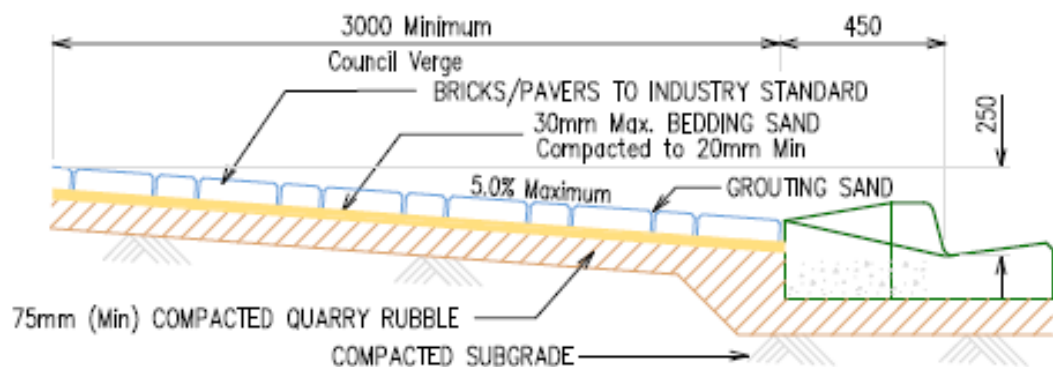
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HOTMIX VEHICLE CROSSOVER SECTION



CONCRETE VEHICLE CROSSOVER SECTION



PAVED VEHICLE CROSSOVER SECTION

NOTE:-

- 250mm FREE BOARD FROM KERB INVERT (or EDGE OF ROAD) IS IN ACCORDANCE WITH THE "QUEENSLAND URBAN DRAINAGE MANUAL" SECTION 5.35.
- ALL KERBING TO BE IN ACCORDANCE WITH AS 2876-2000, CONCRETE KERBS AND CHANNELS (GUTTERS)
- CROSSOVER PAVEMENTS:- REFERENCES; AS 3727, GUIDE TO RESIDENTIAL PAVEMENTS; CMAA T44, T45, & T46
- ALL KERBING CONCRETE TO CONTAIN BLACK OXIDE UPTO THE RATE OF 10Kgs./Cu.m., TO MATCH EXISTING.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH COUNCIL'S "TECHNICAL SPECIFICATION FOR CONCRETE WORK"

STANDARD DETAIL COMPLYING RESIDENTIAL ENTRANCE VEHICLE CROSSOVER



CITY OF
MITCHAM

DRAWING No.

SD-600

SHEET

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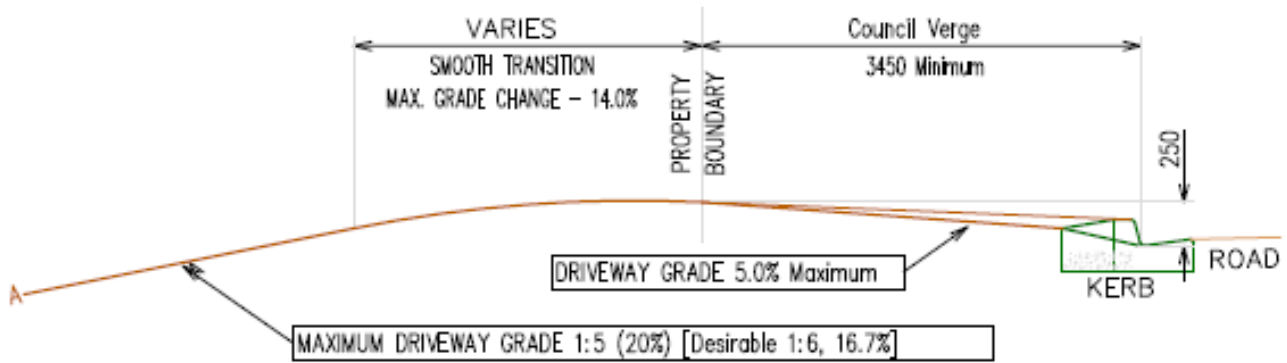
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July 2003

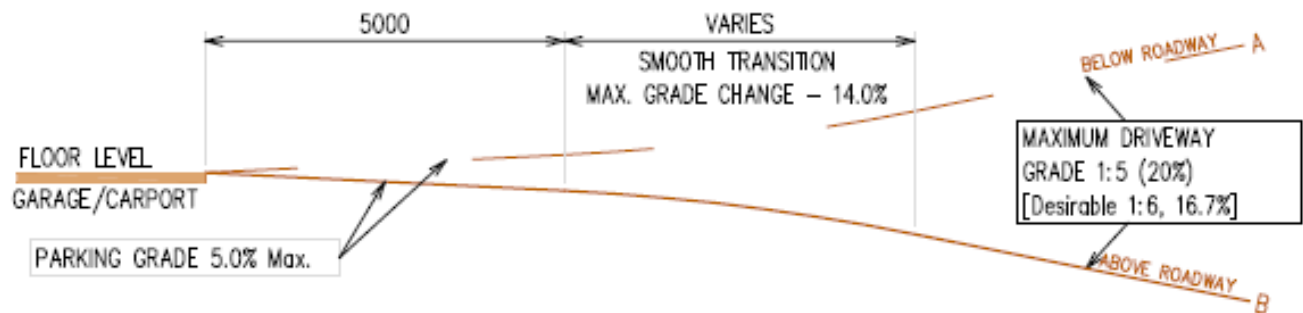
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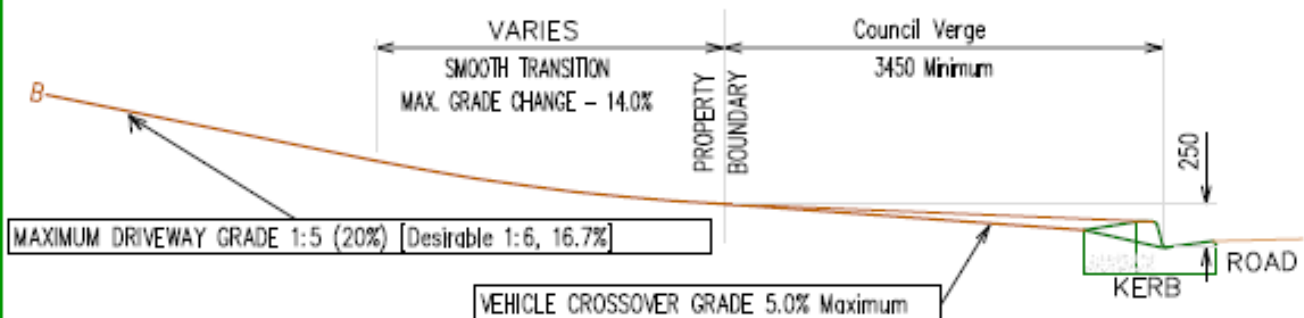


LONGITUDINAL DRIVEWAY & VERGE SECTION

LOWER SIDE OF ROADWAY



LONGITUDINAL DRIVEWAY & PARKING AREA



LONGITUDINAL DRIVEWAY & VERGE SECTION

HIGHER SIDE OF ROADWAY

NOTES: -

1. MAXIMUM DRIVEWAY GRADE WITHIN THE PROPERTY - 20% (1:5). - [Desirable 1:6, 16.7%]
2. MAXIMUM VERGE AREA GRADE - 5.0% (1:20) FROM KERB TO PROPERTY BOUNDARY.
3. WHERE A DRIVEWAY CROSSES AN EXISTING FOOTPATH/BIKEPATH THE MAXIMUM CROSSFALL SHALL BE MAINTAINED AT 5.0%.
4. THE ABOVE DRIVEWAY GRADE DETAILS ARE BASED ON AUSTRALIAN STANDARD AS2890.1-1993
5. 250mm FREE BOARD FROM KERB INVERT (or EDGE OF ROAD) IS IN ACCORDANCE WITH THE "QUEENSLAND URBAN DRAINAGE MANUAL" SECTION 5.35.

STANDARD DETAIL
COMPLYING DRIVEWAY
LONGITUDINAL GRADES
GARAGE/CARPORT STANDING AREA



CITY OF
MITCHAM

DRAWING No.

SD-600

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January 2007