Concrete Kerb and Channel Lay Back A120.05

DESIGN STATEMENT

The cast in situ reinforced concrete kerb and channel layback is an effective drainage element. It is designed to be a continuous road element that carries stormwater runoff across a side street or an indented parking area.

APPLICABLE LOCATION

The cast in situ reinforced concrete kerb and channel layback should be used as a wet crossing in conjunction with a threshold treatment of a side street. It should also be used as a continuation of standard kerb and channel across indented parking areas where pavement of these areas drains back to the main carriageway.

COUNCIL STANDARD DRAWING

SD 209 Concrete kerb and channel layback

CROSS REFERENCE DOCUMENT

- Australian Standard 1379 and Merri-bek Standard Specification Section 61 and 80.

STANDARD SPECIFICATION

Concrete kerb and channel layback should be cast in situ with premix concrete in accordance with the relevant Australian Standard and Merri-bek Standard Specifications.

Concrete strength: Concrete strength is to be 25 MPA (28 day compressive strength).

SUPPLIER

N/A

MAINTENANCE

Road Maintenance Unit: Repair damaged sections of kerb and channel layback when damaged between joints. Do not repair small sections.

Street Cleansing Unit: Cleaning will be undertaken as per current schedule.

GENERAL NOTES

1. *Concrete strength to be 25 MPa unless specified otherwise.*
2. *Charcoal coloured concrete, where specified shall be by adding 'Abilox' black colour powder or equivalent into the premix concrete. The rate of powder shall be 8.3% by weight of cementitious binder (approx. 25kg per cubic metre of concrete).*
3. *Refer to Road Pavement Reinstatement in Front of New Vehicle Crossing SD 265E.*

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