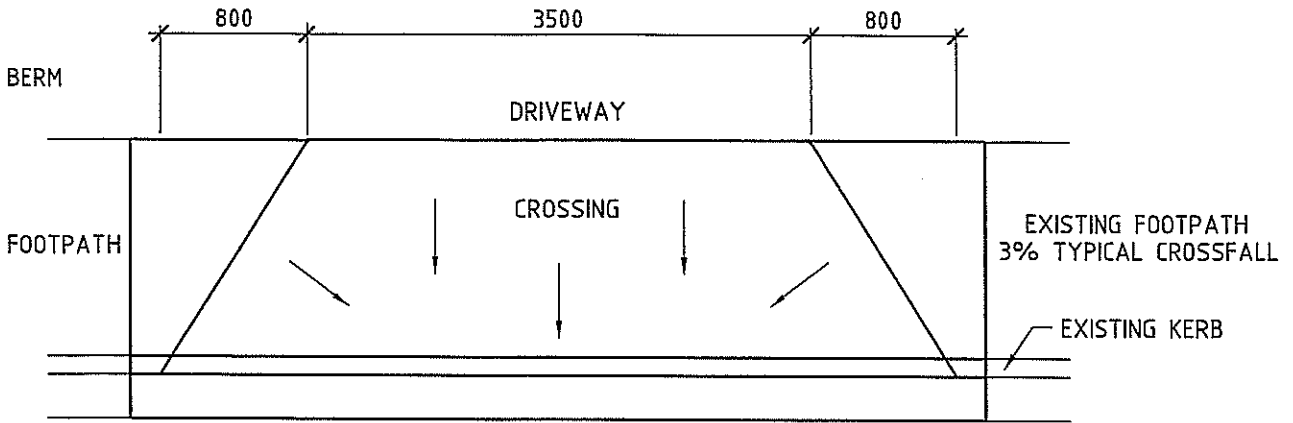
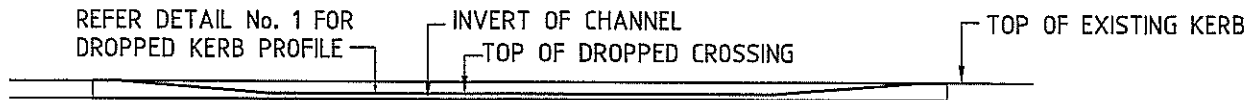


URBAN VEHICLE CROSSING

- Saw cut existing concrete.
- Typical allowable crossing widths are 3.5 metres for a residential crossing and 6.0 metres for a commercial crossing.
- **Residential crossing** – the standard crossing allowed by council is a drop crossing, to establish this excavate existing kerb and channel and replace with residential drop crossing as detailed in drawings. Place at least 100mm AP40 metal and compact.
- Alternatively a slot crossing may be approved by council where the existing kerb and channel is sound and soundly based, and/or where the angle of change through the crossing would be greater than 14%.
- **Commercial crossing** – excavate existing kerb and channel and replace with heavy duty drop crossing as detail in drawings. Place 125 mm under footpath and 150 mm under kerb and channel of AP40 metal and compact.
- Alternatively a slot crossing may be approved by council where the angle of change through the crossing would be greater than 14%.
- Box up kerb. Boxing must be form faced and sound to prevent weaving and movement. The new channel invert shall be consistent with the existing channel.
- Any reinforcing required in the kerb and channel shall be 16mm diameter deformed bar and in the footpath shall be 665 HRC mesh as per drawings.
- Concrete shall be at least 20 MPA strength after 24 days. Allow for expansion joint as per drawings.
- Footpath concrete shall be lightly broomed to ensure non slip surface.
- Allow concrete to cure for at least 36 hours before trafficking with light vehicles and at least 7 days before trafficking with heavy vehicles.



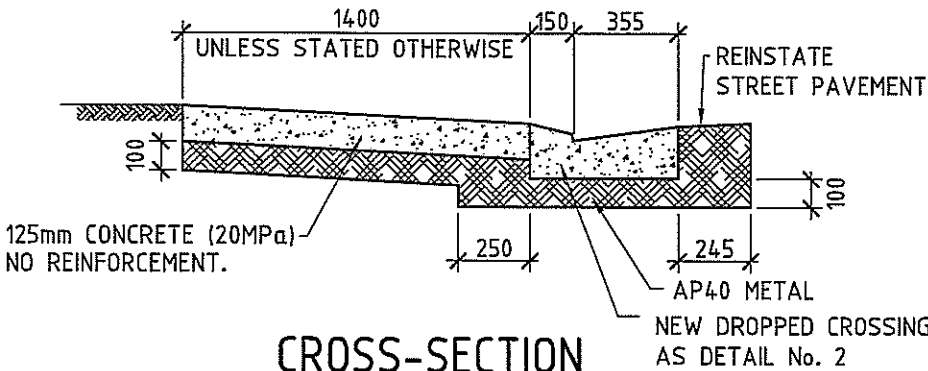
PLAN



ELEVATION

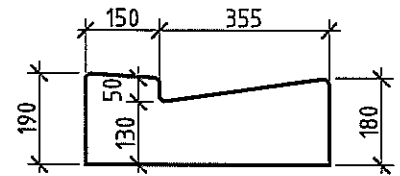
RESIDENTIAL VEHICLE ACCESSWAY

1 : 50



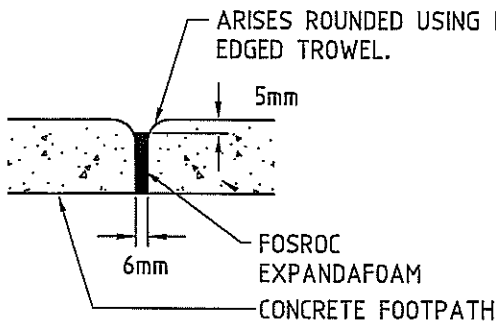
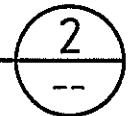
CROSS-SECTION

1 : 25



DETAIL

1 : 15



EXPANSION JOINT DETAIL

1 : 15

NOTE:

THE EXPANSION JOINT SHALL BE PROVIDED THROUGH THE FULL DEPTH OF THE CONCRETE ON EITHER SIDE OF ALL VEHICLE CROSSINGS AND AT MAXIMUM CENTRES OF 4.8m. THE JOINT FILLER SHALL COMPRISE FOSROC EXPANDAFOAM 6mm THICK. CONSTRUCTION JOINTS SHALL BE FORMED AT 1.2m INTERVALS.

NOT FOR CONSTRUCTION

ORIGINAL SIZE A4 DO NOT SCALE - IF IN DOUBT, ASK

Layout1 Z:\0020\Residential Vehicle Accessway.dwg

SCALES : AS SHOWN		
DESIGNED	INIT	DATE
DRAWN	KDW	11/03
CHECKED	RDS	12/07
APPROVED		

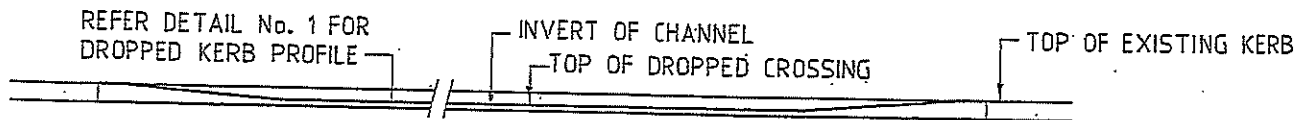
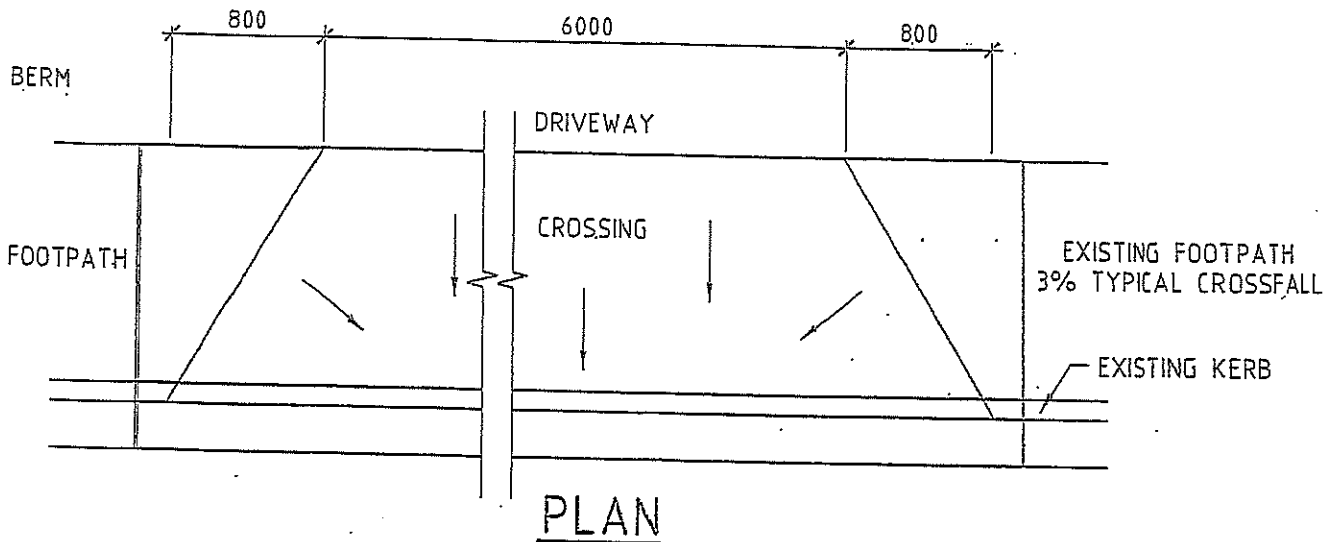
CLUTHA DISTRICT COUNCIL
 FOOTPATH, KERB & CHANNEL WORKS 2007 / 2010
 CONTRACT No. 582
 STANDARD RESIDENTIAL VEHICLE ACCESSWAY DETAIL



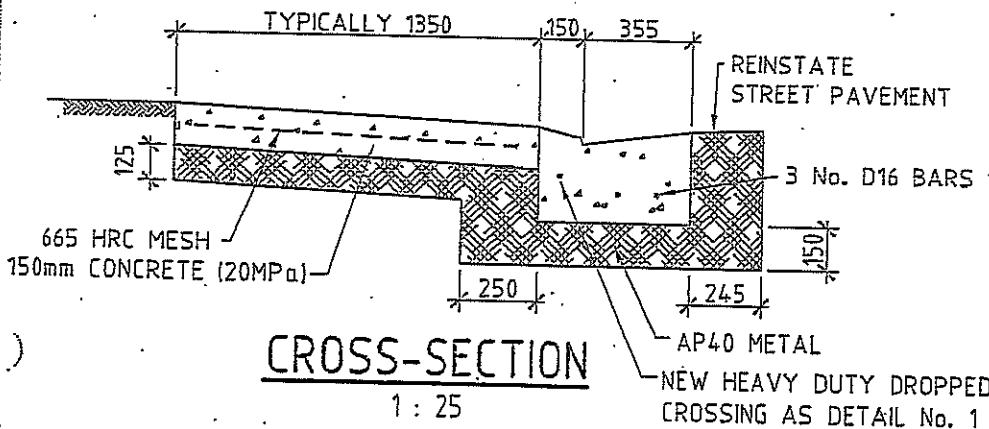
Status Stamp		
FOR TENDER		
Date Stamp 12/12/2007		
Job No.	Sheet No.	Rev.
Z1385829	002	0

COMMERCIAL VEHICLE CROSSING

1 : 50

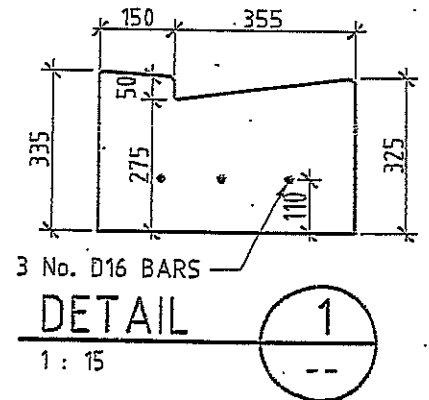


ELEVATION



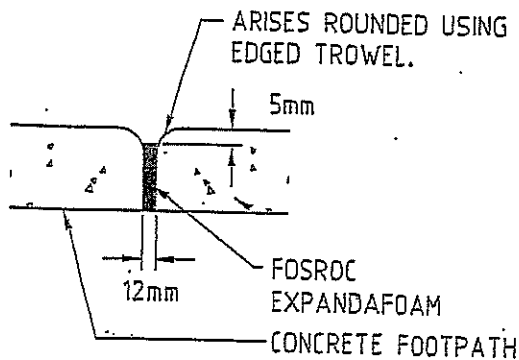
CROSS-SECTION

1 : 25



DETAIL

1 : 15



EXPANSION JOINT DETAIL

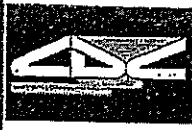
1 : 15

NOTE:

THE EXPANSION JOINT SHALL BE PROVIDED THROUGH THE FULL DEPTH OF THE CONCRETE ON EITHER SIDE OF ALL VEHICLE CROSSINGS. THE JOINT FILLER SHALL COMPRISE FOSROC EXPANDAFOAM (12mm THICK) AS SHOWN.

CAD REF : P:\004000\00\Kerb & Channel Dwg\002 - commercial vehicle crossing - ORIGINAL SIZE A4 - DO NOT SCALE - IF IN DOUBT, AS

SCALES : AS SHOWN		
DESIGNED	INIT	DATE
DRAWN	KDW	01/02
CHECKED		
APPROVED		



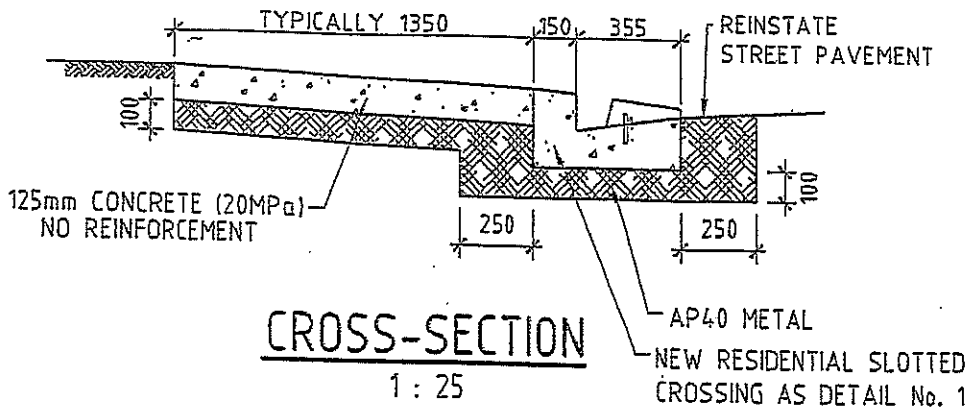
CLUTHA DISTRICT COUNCIL
COMMERCIAL VEHICLE CROSSING

TYPICAL DETAILS

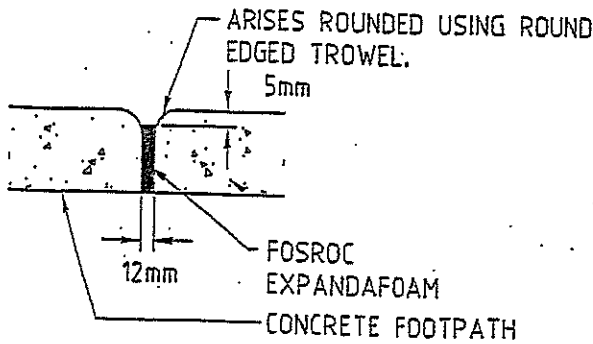
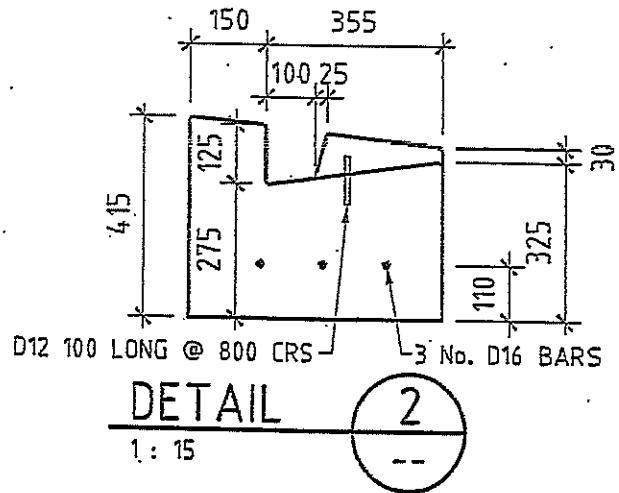
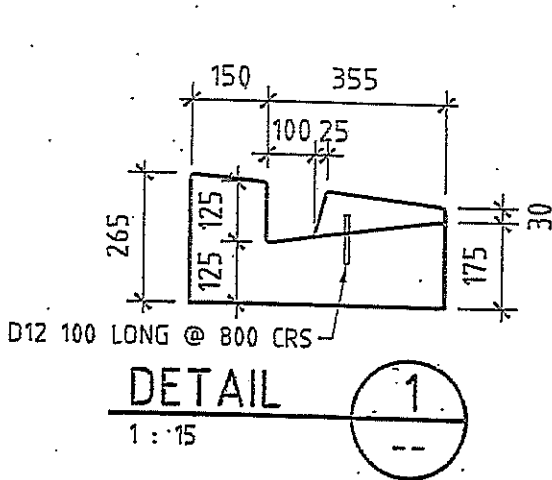
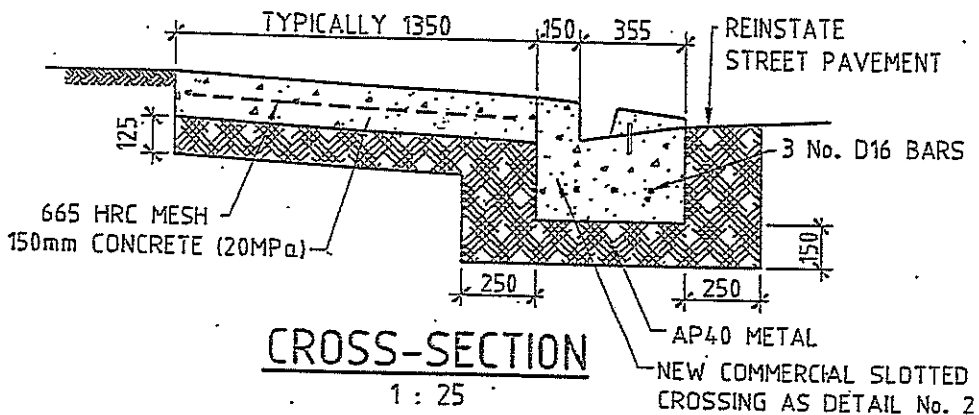


Static Stamp			
Date Stamp	22/01/02		
Job No.	Sheet No.	Rev.	
004000-08	002	0	

RESIDENTIAL SLOTTED CROSSING



COMMERCIAL SLOTTED CROSSING



NOTE:
THE EXPANSION JOINT SHALL BE PROVIDED THROUGH THE FULL DEPTH OF THE CONCRETE ON EITHER SIDE OF ALL VEHICLE CROSSINGS. THE JOINT FILLER SHALL COMPRISE FOSROC EXPANDAFOAM (12mm THICK) AS SHOWN.

CAD REF : P:\004000\00\Kerb & Channel Dwg\003 - slotted ve crossing ORIGINAL SIZE A4 DO NOT SCALE - IF IN DOUBT, A4

SCALES : AS SHOWN				CLUTHA DISTRICT COUNCIL			Slotted Stamp		
DESIGNED	INIT	DATE		RESIDENTIAL AND COMMERCIAL			Date Stamp	30/01/02	
DRAWN	KDW	01/02		SLOTTED VEHICLE CROSSING			Job No.	Sheet No.	Rev.
CHECKED				TYPICAL DETAILS			004000-08	003	0