

SOUTH WAIRARAPA DISTRICT COUNCIL

PO Box 6 Martinborough 5741
19 Kitchener Street, Martinborough 5711
Phone: 06 306 9611



SOUTH WAIRARAPA
DISTRICT COUNCIL
Kia Reeretahi Tātau

VEHICLE CROSSING APPLICATION

(This form is not required for a subdivision)

Do not start any work until the plans are approved and fees have been paid to Council



SITE ADDRESS & LEGAL DESCRIPTION Street address _____ Lot _____ DP _____ Sec _____ Block _____ Valuation number _____	VEHICLE CROSSING REQUIRED Location Urban <input type="checkbox"/> Rural <input type="checkbox"/> Type Residential <input type="checkbox"/> Heavy duty <input type="checkbox"/> Extra heavy duty <input type="checkbox"/> Surface Concrete <input type="checkbox"/> Sealed <input type="checkbox"/> Chip Seal <input type="checkbox"/> Hot mix <input type="checkbox"/> Metalled <input type="checkbox"/> Other _____
APPLICANT Name _____ Postal address _____ Email _____ Phone number _____	I confirm that the plans for the vehicle crossing are attached, which display the dimensions and where the crossing is located. Applicant's signature _____ Date _____
OWNER Name _____ Postal address _____ Email address _____ Phone number _____	
Contractors name (if applicable) _____ Phone number _____	
FULL DESCRIPTION AND INTENDED USE OF THE PROJECT _____ _____ _____	Please email this application form and plans to enquiries@swdc.govt.nz

COST (an invoice will be sent to you upon approval of this application)

\$225.00 vehicle crossing (non-refundable)

\$225.00 if connecting to water and/or sewer alongside vehicle crossing (non-refundable) and will be a different application.

Guidelines for completion of an application for vehicle crossing permit

Procedure

1. All drawings are to be provided in **duplicate**.
2. Copies of Council locality plan or service sheet for the area are to be provided, marked with the planned entry location, and dimensioned.
3. Copies of the proposed entrance are to be provided as part of the application.
4. The drawings must include boundaries, existing and proposed services, pipe sizes and materials, buildings, property features, all appropriate site measurements, and position of existing vehicle crossings in relation to that proposed in this application.
5. Provide an exact location for Field Staff inspections:
 1. Photograph of the **Site frontage** including tree / fence / other land features
 2. Secondly the exact location of the proposed vehicle crossing identified by peg(s) / spray marks / other identifying markings.

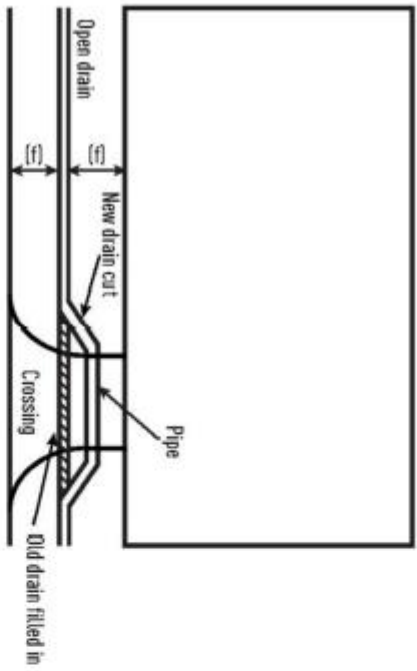
Note: To avoid time delays and additional trips to the site by Council, you must ensure all the dimensions are shown and the drawings are correct and in **duplicate** before submission.

All information provided must be accurate and true. Should any information be found to be inaccurate at inspection time, then the consent may be withdrawn, and the applicant asked to reinstate what was there originally.

Post approval/work stage

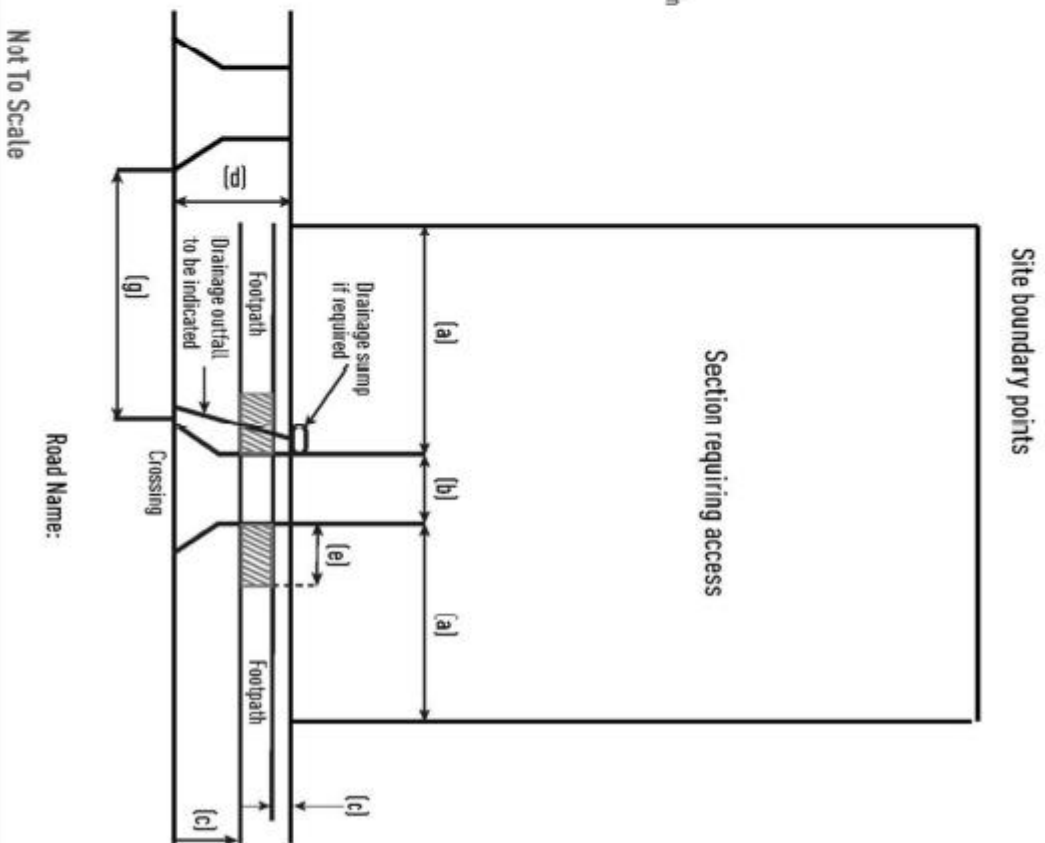
1. When ready for inspection, the applicants must arrange for an inspection by contacting the relevant person indicated on the consent letter.
It is the applicant's responsibility to ensure two copies of the 'as built' drawings are supplied before the inspection takes place, to enable the drawings to be verified on site.
2. A final inspection may be required after the work on site has been completed. This should be discussed with the inspector at the time of the first inspection.
3. Any excavations left open for viewing by a council officer are the responsibility of the applicant and it is up to the applicant to ensure compliance with all health and safety requirements.
Note: A Corridor Access Request (CAR) must be obtained and approved prior to commencement of any works. See www.beforeyoudig.co.nz or www.submitica.co.nz. A traffic Management Plan (TMP) must also be attached to your CAR approval.

EXAMPLES



- (a) Access location on boundaries
- (b) Access width and method (if stormwater control)
- (c) Footpath location to boundaries
- (d) Boundary to road edge dimension
- (e) Tie in footpath (1:12 maximum slope)
- (f) Drain/Water table location
- (g) Distance to neighbouring/abutting driveway

NOTE: Adjacent driveways cannot exceed 6m maximum combined width



Not To Scale

Road Name:

Steps to obtain the approved crossing

1 Application form

Fill in the prescribed application form, ensuring all items are correctly completed. Provide all the relevant drawings, copies of Council's service sheets and other details requested (all in duplicate).

2 Submit form to Council

Submit these documents to a Customer Services Officer for checking with you. This will help indicate any omissions in your application.

- (It should be remembered however, that it is the applicant's responsibility to ensure all items are correct and covered in the application)

3 Approval/Suspension

If the information is correct and the application complies, approval will be granted to commence building work. Should an application be suspended, the applicant will be advised accordingly in writing. Once the suspension has been resolved, an approval may be given.

4 Inspection requirements

It is the applicant's/agent's responsibility to request necessary inspections, (see over) giving a minimum of 24 hours' notice in urban and 48 hours' in rural to ensure compliance with various regulations and specific council engineering requirements.

Council will endeavour to accommodate all inspection request timetables, but note that the more notice given, the more certainty of officer availability.

5 Inspection types

The following inspections must be carried out by an authorised council officer/agent

Inspection 1

The applicant must ensure that copies of 'AS BUILT' drawings are available on site and correct, for to check on physical connection, pipe tests, workmanship, compliance & primarily verify 'AS BUILT' drawings

Inspection 2

Compaction tests, ground reinstatement, final completion inspection will be at the discretion of the inspecting officer and can be discussed at the time of the first inspection.

6 Letter of completion

A letter will be sent to the applicant confirming that Council has approved the completed work. Any crossing that does not receive such a letter will be considered incomplete and remain the responsibility of the applicant. If the applicant fails to complete any outstanding work within 10 working days of receiving written notice to do so by Council, such work may be completed by Council or its agent and become a charge to the applicant

7 Fees

An initial fee is payable upon application which is including the inspection and processing fees.

Vehicle Crossing Notes

RESIDENTIAL, COMMERCIAL AND INDUSTRIAL CROSSINGS

1. All concrete to be 30 Mpa strength at 28 days.
2. Crossings to be constructed to match existing footpath and channel levels and be graded to give sufficient clearance to the underside of all vehicles.
3. If no footpath, allowance shall be made for such with a 3% crossfall to the kerb.
4. Kerb transitions to be constructed of similar materials to the adjacent kerb or cast in situ concrete.
5. Gradient of crossing not to exceed 12.5% (1 in 8).
6. Edges of footpath and back of channel to be saw cut.
7. All crossings require council inspection prior to pouring concrete.
8. If the edge of the crossing is within 1 meter of a crack or joint in an existing footpath then that section of footpath shall be replaced.
9. The base course shall be minimum 100 mm GAP40 compacted.
10. Commercial and industrial channels to be reinforced with an extension of the 665 mesh.
11. Splay width may need to be increased in some circumstances an 11.5m rigid truck.
12. For commercial crossings provide a 2m strip of hot laid AC on carriageway over full width including splays.

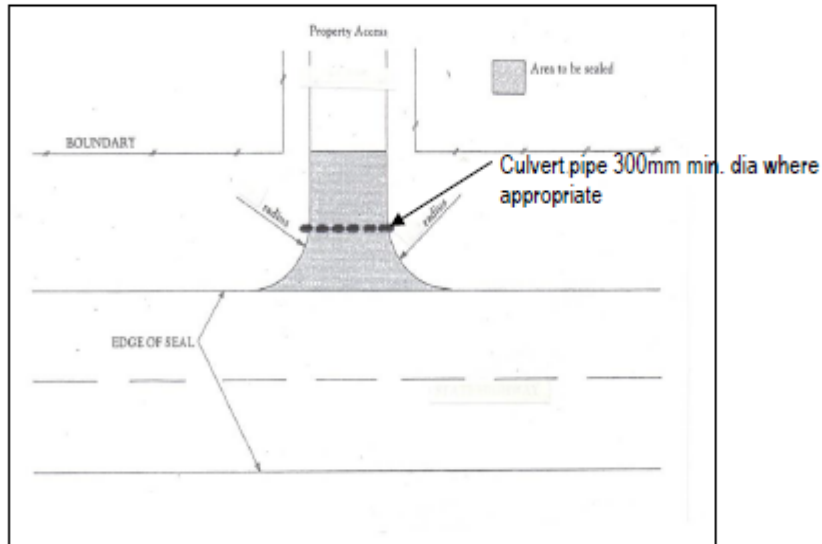
RURAL CROSSINGS

1. Pipes are to be RCRRJ Class "4" (formally Class "Z").
2. Pipes are to be adequate for the upstream catchment, but not less than 375 mm dia or downstream culvert and shall be constructed to the correct line and level to maintain drainage paths.
3. Provide concrete or stonework headwalls and/or concrete aprons or concrete bags. Pipe ends are to extend beyond the edge of the crossing a distance that allows the gradient to invert to be no steeper than 1V:3H.
4. Gateways shall be located to allow vehicle parking clear of the road shoulder.
5. Minimum sight distance requirements for entrance crossings are to comply with NZTA guide lines and District Plan.
6. All crossings adjoining sealed public roads are to be sealed or concrete, to the property boundary.
7. Concrete access ways shall start at least 0.3m outside of the existing edge of seal or 0.3m outside of the carriageway width required by the standard whichever is further.
8. Concrete entrance crossings are to be 125mm of 30 Mpa concrete for light vehicles access. Heavy crossings shall be 150 mm thick of 30 Mpa concrete reinforced with 665 mesh unless specifically designed.
9. Chip seal crossings are to be 150 mm GAP 65 and 75 mm GAP 40 with 2 coat chip seal (Grade 4/6) on top.
10. Asphaltic crossings are to be 150 mm GAP 65 and 75 mm GAP 40 with 25 mm AC on top.
11. Unsealed crossings shall comprise not less 125mm GAP 65 and 75mm GAP 40 or 200 mm GAP 40 (compacted depths).
12. For design of rural crossing refer to Fig 32.2 from the District Plan.

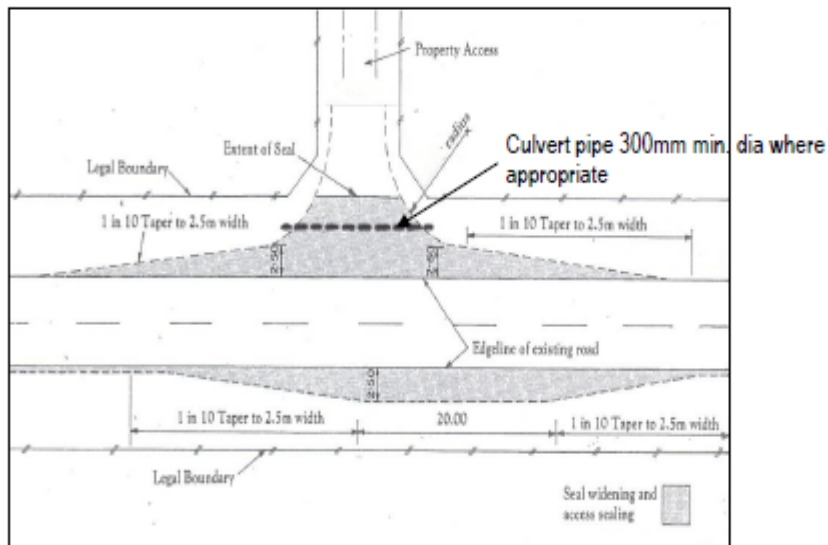
Figure 32.2
Rural Vehicle Crossing and Frontage Road Seal Widening

Note: All dimensions in metres. Not to scale.

Type A

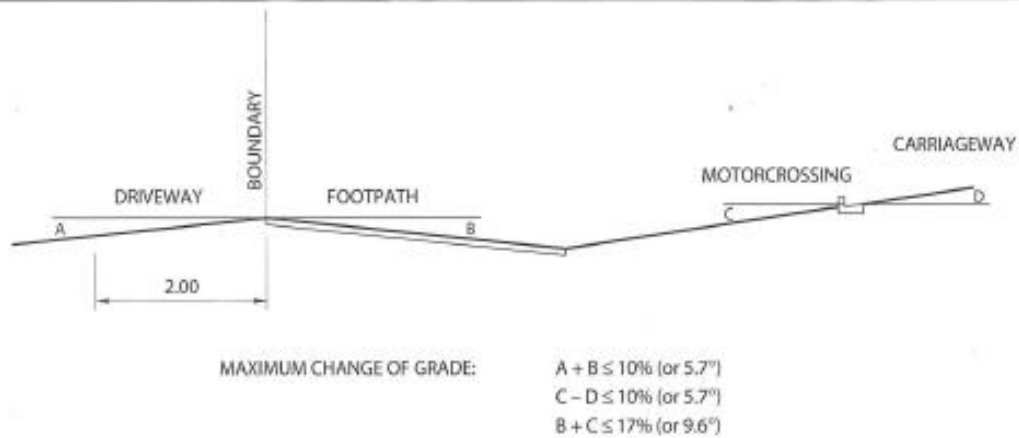


Type B

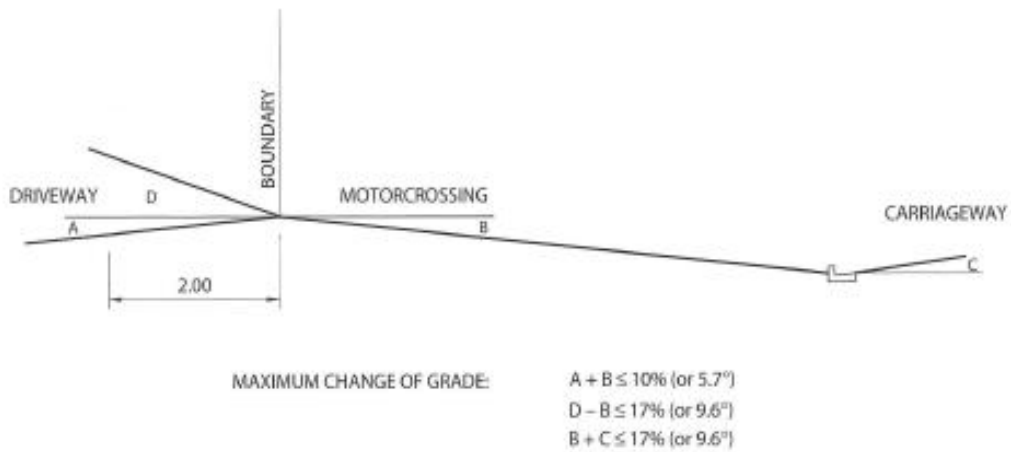


ENTRY RADIUS

	Arterial / Collector		Local	
	Type	Radius R	Type	Radius R
Single Private Access	A	9m	A	6m
Multi-Unit Access	B	12m	A	9m
Heavy Commercial Access	B	15m	B	15m



LOW LEVEL FOOTPATH



STANDARD FOOTPATH

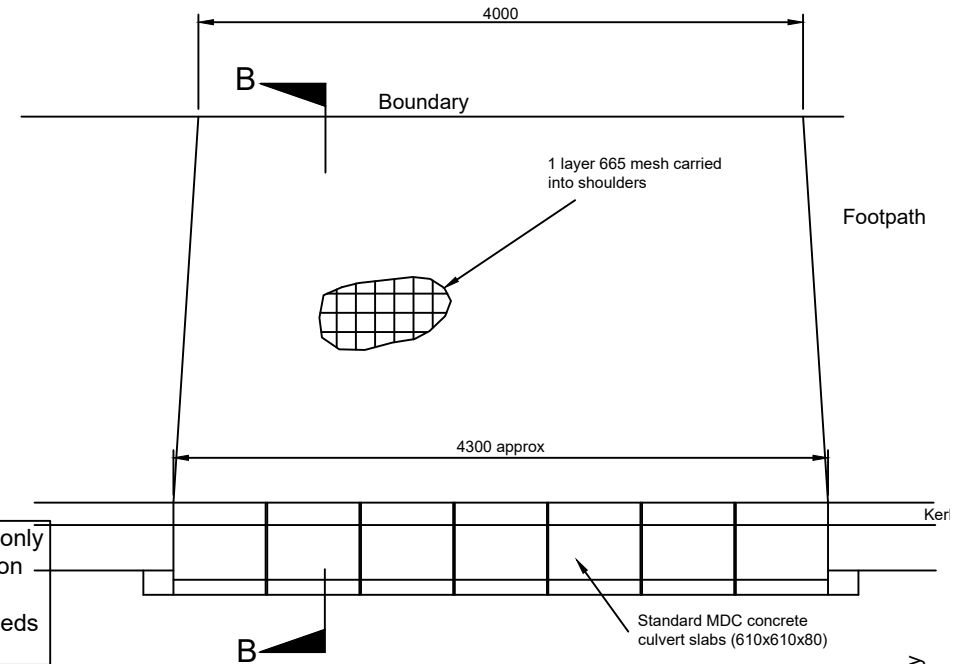
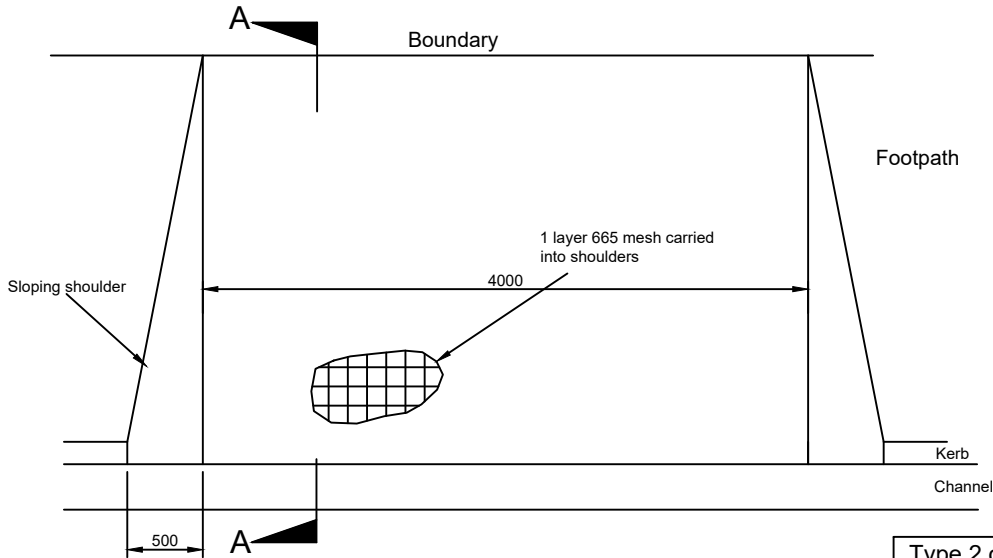
NOTE -

1. A, B, C, & D refer to the gradients expressed either as a percentage or in degrees.
2. Low slung cars with ground effect features may not meet the criteria assumed in this design guide.
3. LTSA document *Light Vehicle Sizes and Dimensions: Street Survey Results and Parking Space Requirements - Road and Traffic Standards Information No. 35* (June 1994) contains more information about the 90th and 99th percentile vehicles.
4. Buses are permitted lower clearance value of (A+B) of 6% or 3.4° .

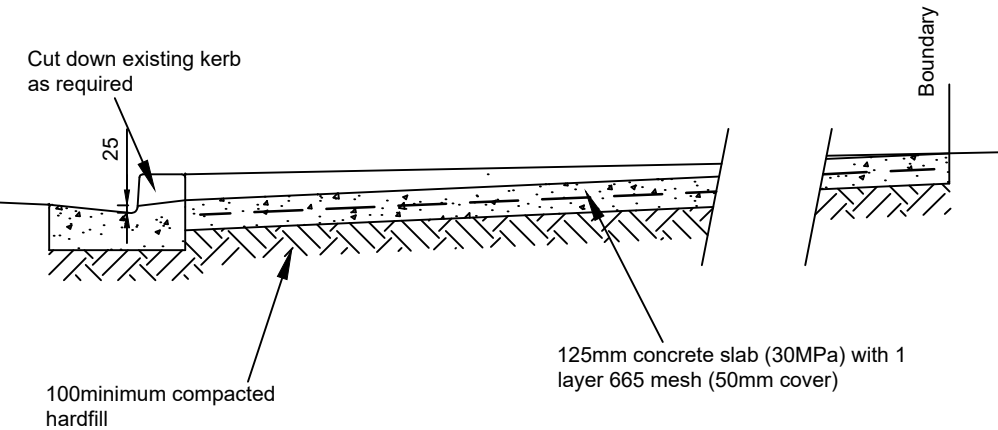
BASED ON 90th PERCENTILE CAR AS AT 1990.

GUIDE FOR MAXIMUM BREAKOVER ANGLES FOR VEHICLE CROSSINGS

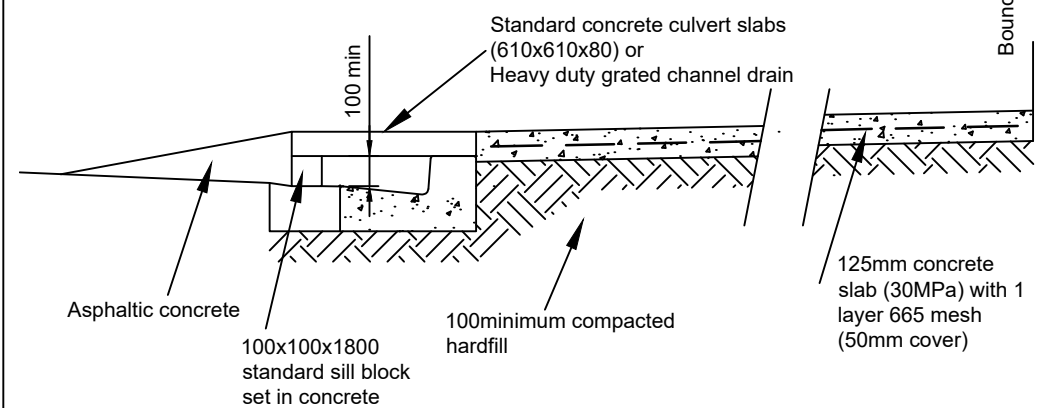
Figure 3.9 - Maximum breakover angles for vehicular access to property



Type 2 crossings will only be accepted in situation where the maximum breakover angle exceeds those in NZS 4404



SECTION A-A
TYPE 1 - PLAN STANDARD ROAD CAMBER AND LOW PROFILE KERB



SECTION B-B
TYPE 2 - PLAN EXCESSIVE ROAD CAMBER OR HIGH PROFILE KERB



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STANDARD RESIDENTIAL VEHICLE CROSSING

Dwg No

805A

Scale:

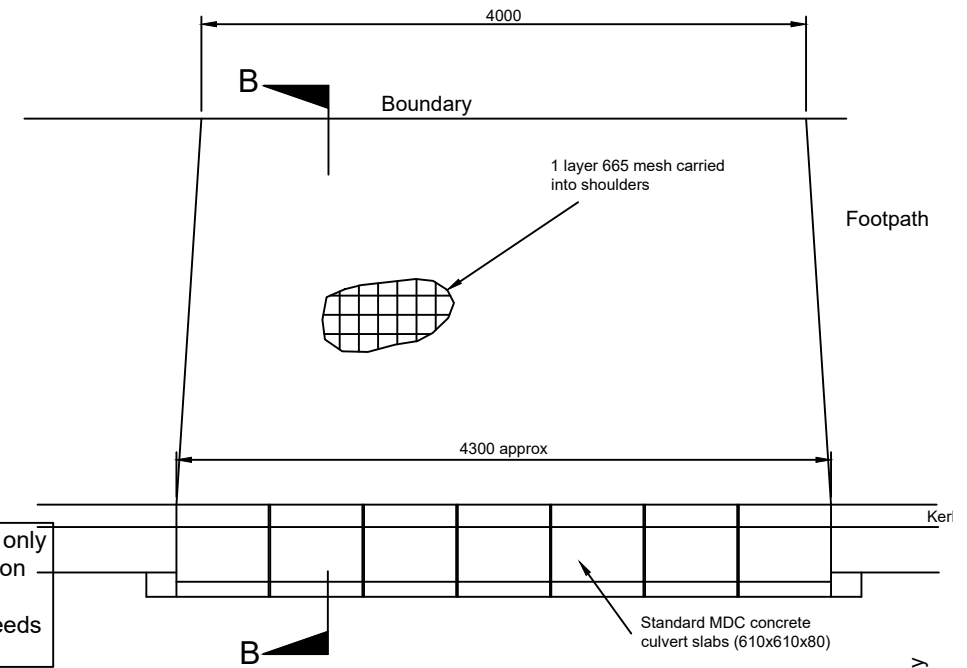
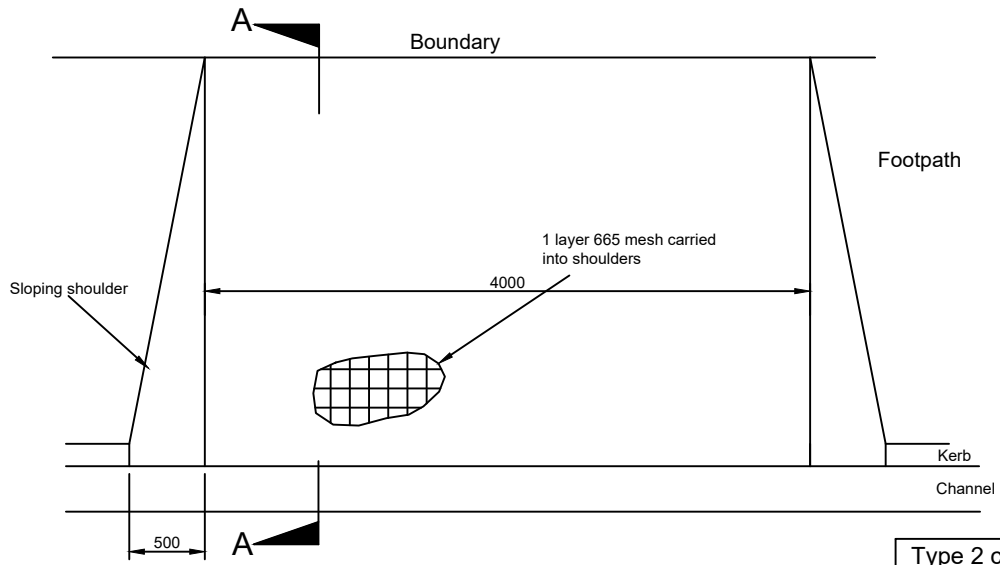
1 : 50 & 1 : 25 (A4)

Sheet No

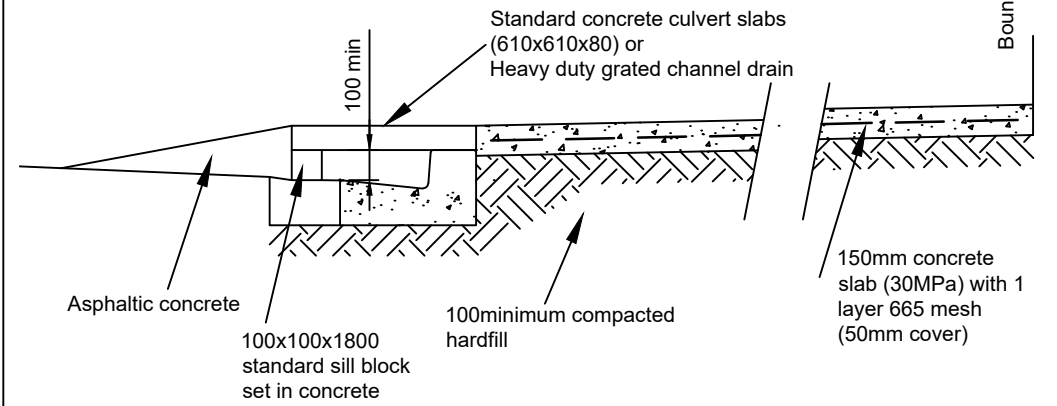
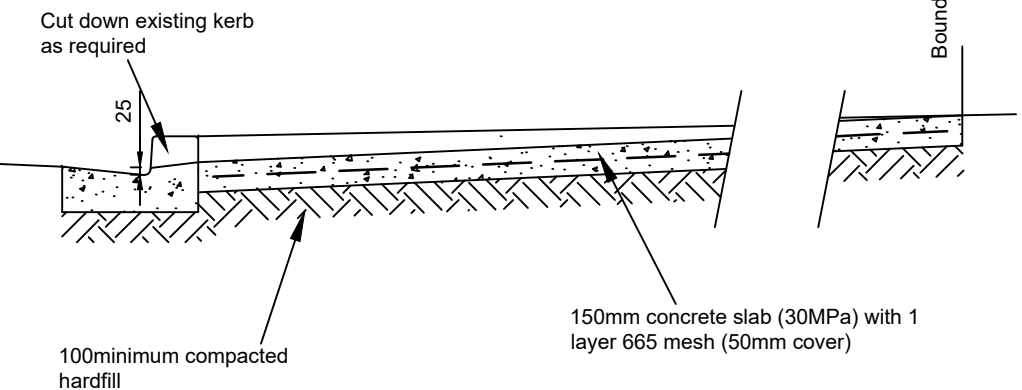
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of 1

Sheets



Type 2 crossings will only be accepted in situation where the maximum breakover angle exceeds those in NZS 4404



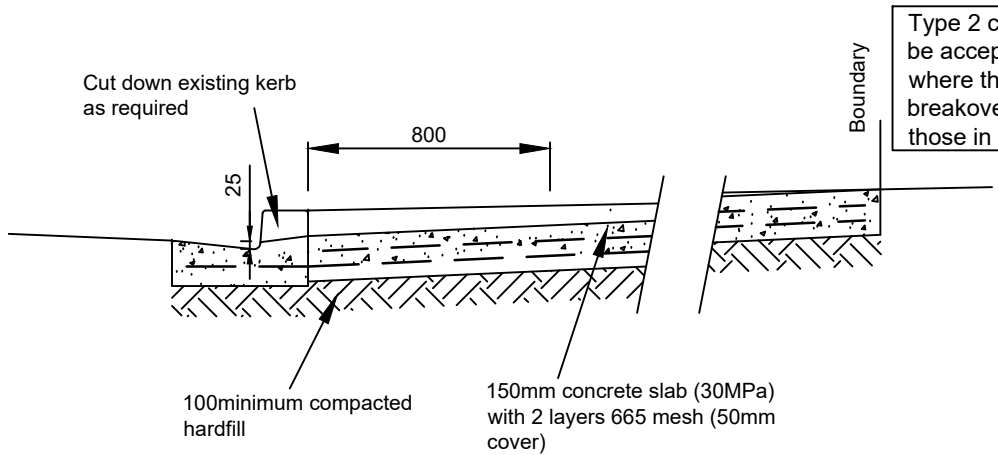
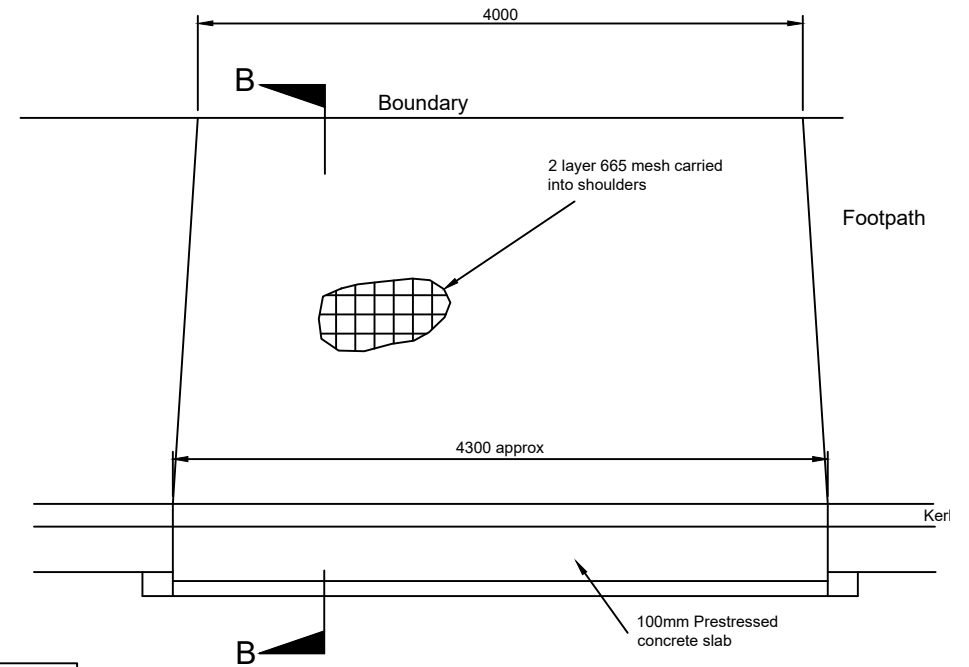
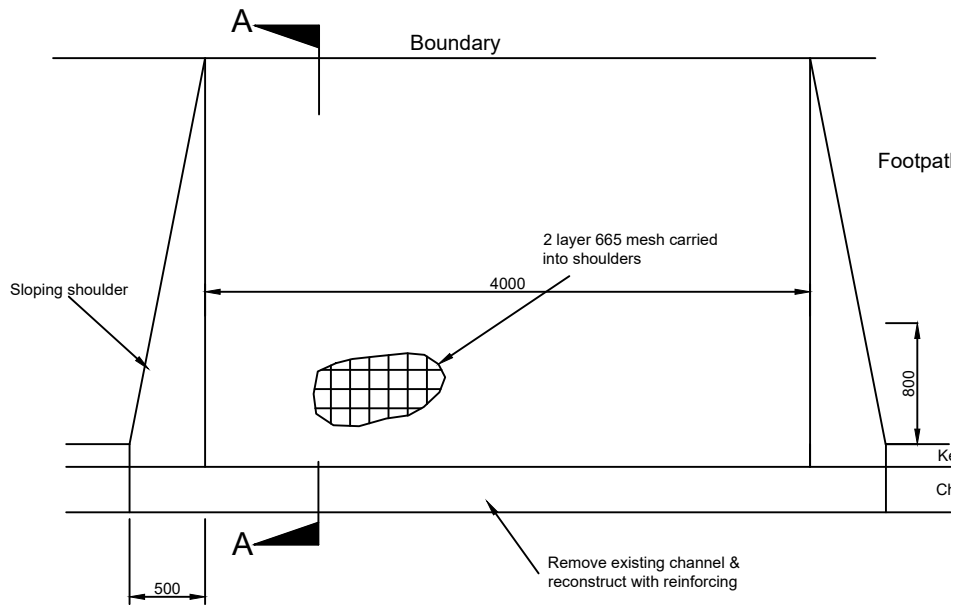
SECTION A-A
TYPE 1 - PLAN STANDARD ROAD CAMBER AND LOW PROFILE KERB

SECTION B-B
TYPE 2 - PLAN EXCESSIVE ROAD CAMBER OR HIGH PROFILE KERB

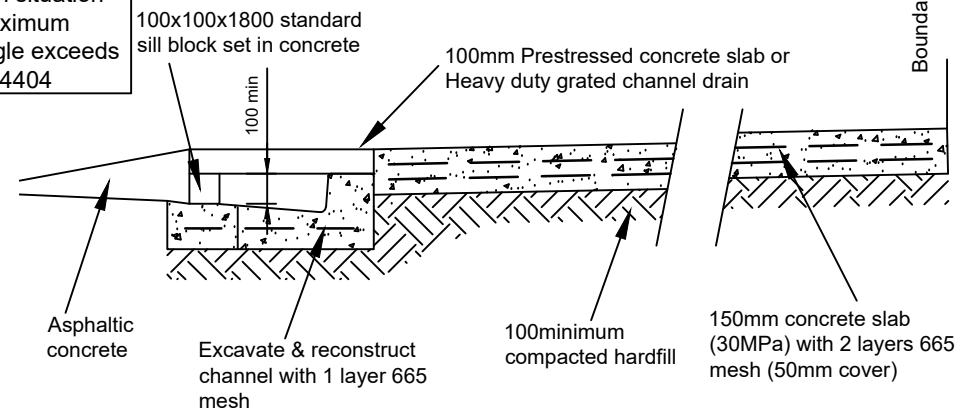


LIGHT DUTY (COMMERCIAL) VEHICLE CROSSING

Dwg No	805B
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Sheet No	1 of 1 Sheets



Type 2 crossings will only be accepted in situation where the maximum breakover angle exceeds those in NZS 4404



SECTION A-A
TYPE 1 - PLAN STANDARD ROAD CAMBER AND LOW PROFILE KERB

SECTION B-B
TYPE 2 - PLAN EXCESSIVE ROAD CAMBER OR HIGH PROFILE KERB



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HEAVY DUTY (INDUSTRIAL) VEHICLE CROSSING

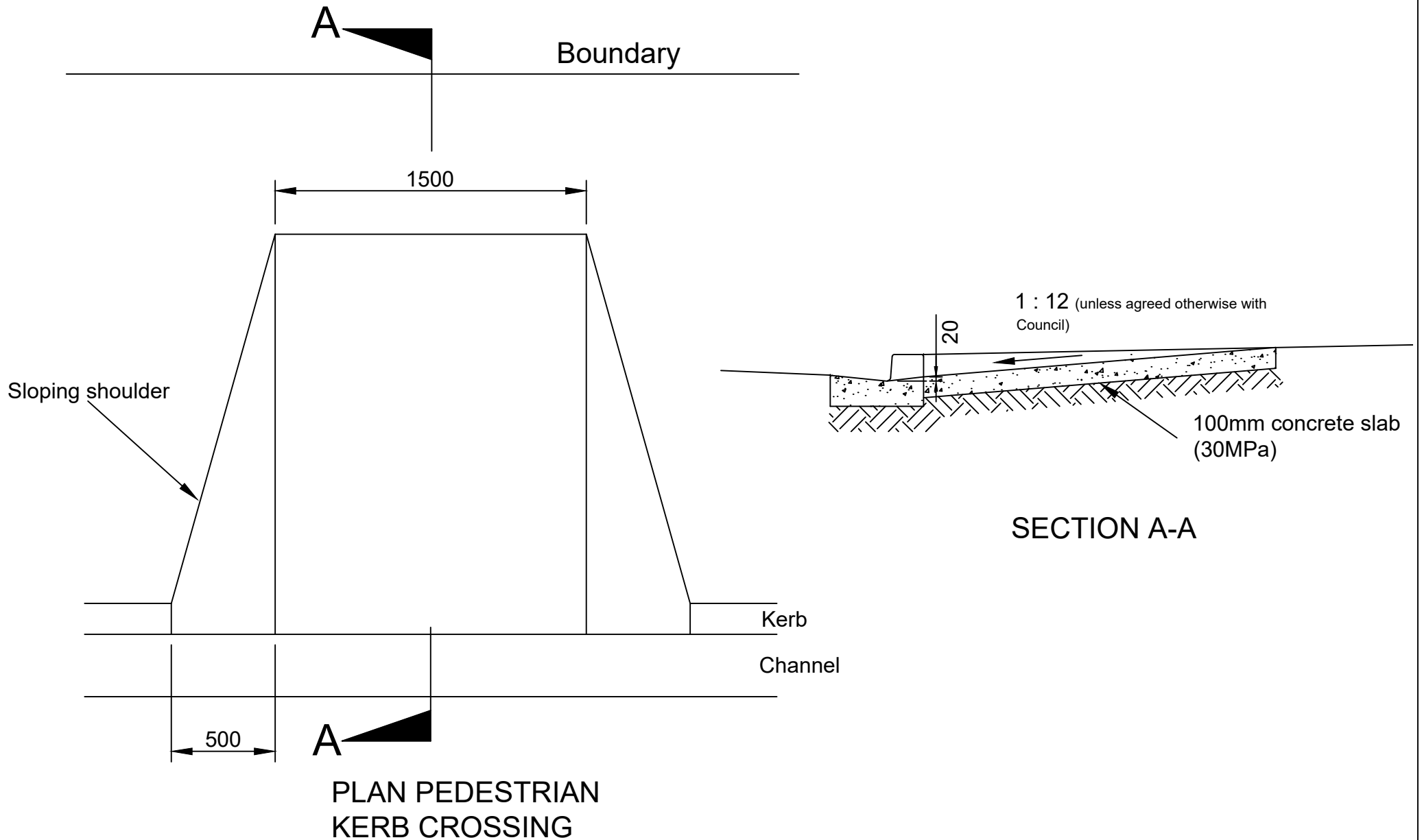
Dwg No

805C

Scale:

1 :

Sheet No 1 of 1 Sheets



STANDARD PEDESTRIAN KERB CROSSING

Dwg No	805D
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