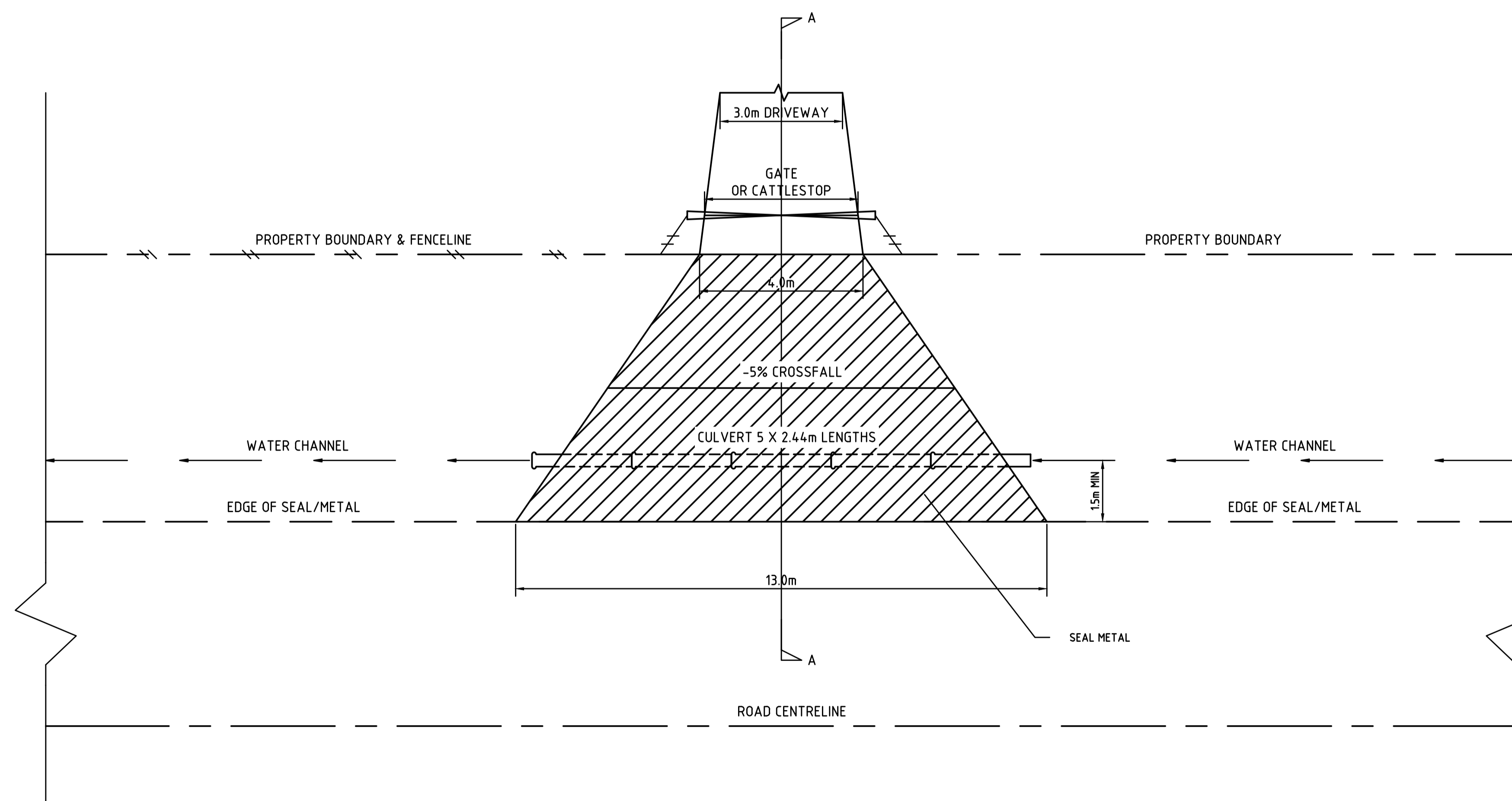


CROSS SECTION - SECTION A-A
SCALE 1:30



PLAN
SCALE 1:80

NOTES

DO NOT SCALE
use dimensions shown

1.0 GENERAL

All works shall be constructed in accordance with the standards and terms shown in these specific conditions.

1.1 The constructor shall be responsible for road works signage while undertaking work on the road carriageway. All signage shall be in accordance with The NZTA Code of Practice for Temporary Traffic Management 4th Edition.

1.2 The constructor shall be responsible for the cost of repairs to any Underground Utility Service damaged during construction. Any damage shall be rectified to the satisfaction of the utility owner.

1.3 A Commercial Vehicle Entrance is deemed to be adequate to accommodate a 10m long vehicle with a maximum radius of 12m & if the lot is a minimum of 4ha and a maximum of 20ha.

2.0 LOCATION

2.1 Entrances shall be located in accordance with TI3.3.2 (c) Location of the Ruapehu District Plan.

3.0 CULVERT

3.1 If an entrance crosses a drain administered by a local authority or major watercourse, the constructor shall obtain certified waterway approval from the relevant local authority prior to commencing construction.

3.2 If the entrance crosses a waterchannel or small drain (less than 2m wide by 1m deep), a 300mm diameter class X Reinforced Concrete Rubber Ring Joint (R.C.R.R.J.) pipe or same size as approved upstream culverts shall be installed.

3.3 Any unsuitable bedding material including vegetation, topsoil and peat shall be removed and replaced with 100mm pit sand or G.A.P. 40 or its equivalent as required.

3.4 All culverts shall be laid straight at a constant grade between 1.5m and 7.5m from the edge of seal or metal. Socket end shall always be uphill.

4.0 SUBBASE

4.1 Pit sand, brown rock or its equivalent shall be placed, trimmed and compacted to provide 100mm if required to mitigate or remedy site conditions. The subbase shall be placed from the edge of seal or metal to the gate or cattlestop.

5.0 BASECOURSE

5.1 Clean good quality G.A.P. 40 basecourse metal shall be placed, trimmed and compacted to provide 150mm depth of basecourse from the edge of seal/metal to the gate or cattlestop.

5.2 The basecourse material shall be trimmed to provide a crown at centre to the entrance to ensure adequate surface drainage. The crossfall shall be 5% from the crown.

6.0 SURFACING

6.1 If the entrance is off a metal road, no additional surfacing over the basecourse material required.

6.2 Each entrance off a sealed road shall be surfaced with two coats of bitumen / chip seal. The surfacing shall be constructed with 180/200 grade bitumen and G3 and G5 chip or its equivalent. The sealed area shall be up to 7m from the road's edge of seal to the property boundary, if the road has strategic or arterial hierarchy status. Elsewhere on sealed roads only 2m length of seal is required.

FINAL

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
A		Amended Cross Section - Section A-A	JH	CH	SF	



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Drawn Justin Hayvice

Designer RDC

Drafting Check

Design Check

Approved (Project Director)

Date

28/04/2017

Scale AS SHOWN

This Drawing must not be used for Construction unless signed as Approved

Client	RUAPEHU DISTRICT COUNCIL
Project	Vehicle Entrances
Title	Standard Commercial Vehicle Entrance Rural and Rural PA Zones
Original Size	A1
Drawing No:	51-33209-15-G04
Rev:	B