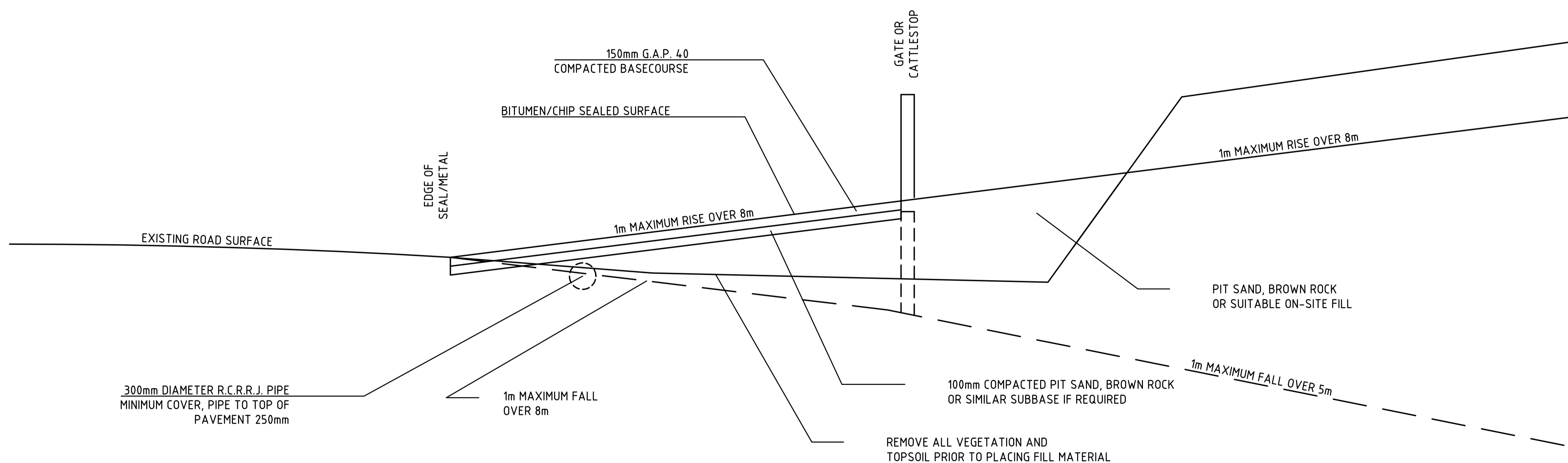


PLAN
SCALE 1:100



CROSS SECTION - SECTION A-A
SCALE 1:30

NOTES

DO NOT SCALE
use dimensions shown

1.0 GENERAL

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

1.2 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.

1.3 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.

1.4 A Heavy Commercial Vehicle Entrance is to be adequate to accommodate a 19m long truck and trailer unit turning into a property at a radius of 12.5m and the lot is greater than 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 to mitigate or remedy site specific conditions.

3.4 All culverts shall be laid straight at a constant grade between 1.5m and 10m from the edge of seal or metal. Socket end shall always be uphill.

4.0 SUBBASE

4.1 Pit sand, brown rock or similar material shall be placed, trimmed and compacted to provide 100mm depth of subbase as required. The subbase shall be placed from the edge of seal/metal to the gate or cattlestop.

5.0 BASECOURSE

5.1 Clean good quality G.A.P. 40 or T.N.Z. M/4:2006 AP 40 basecourse metal or its equivalent 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 drainage. The crossfall shall be 5% from the crown.

6.0 SEALING

6.1 The surface of the entrance, shall be two coat chip seal, constructed with 180/200 grade bitumen and G3 and G5 chip or its equivalent. The seal shall extend more than 5m from the edge of the existing seal or to the property boundary if that is more than 5m from the existing seal.

FINAL

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



RUAPEHU DISTRICT COUNCIL



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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 Heavy Commercial Vehicle Entrance in Rural and Rural PA Zones

Original Size

A1 Drawing No: 51-33209-15-G05

Rev: B