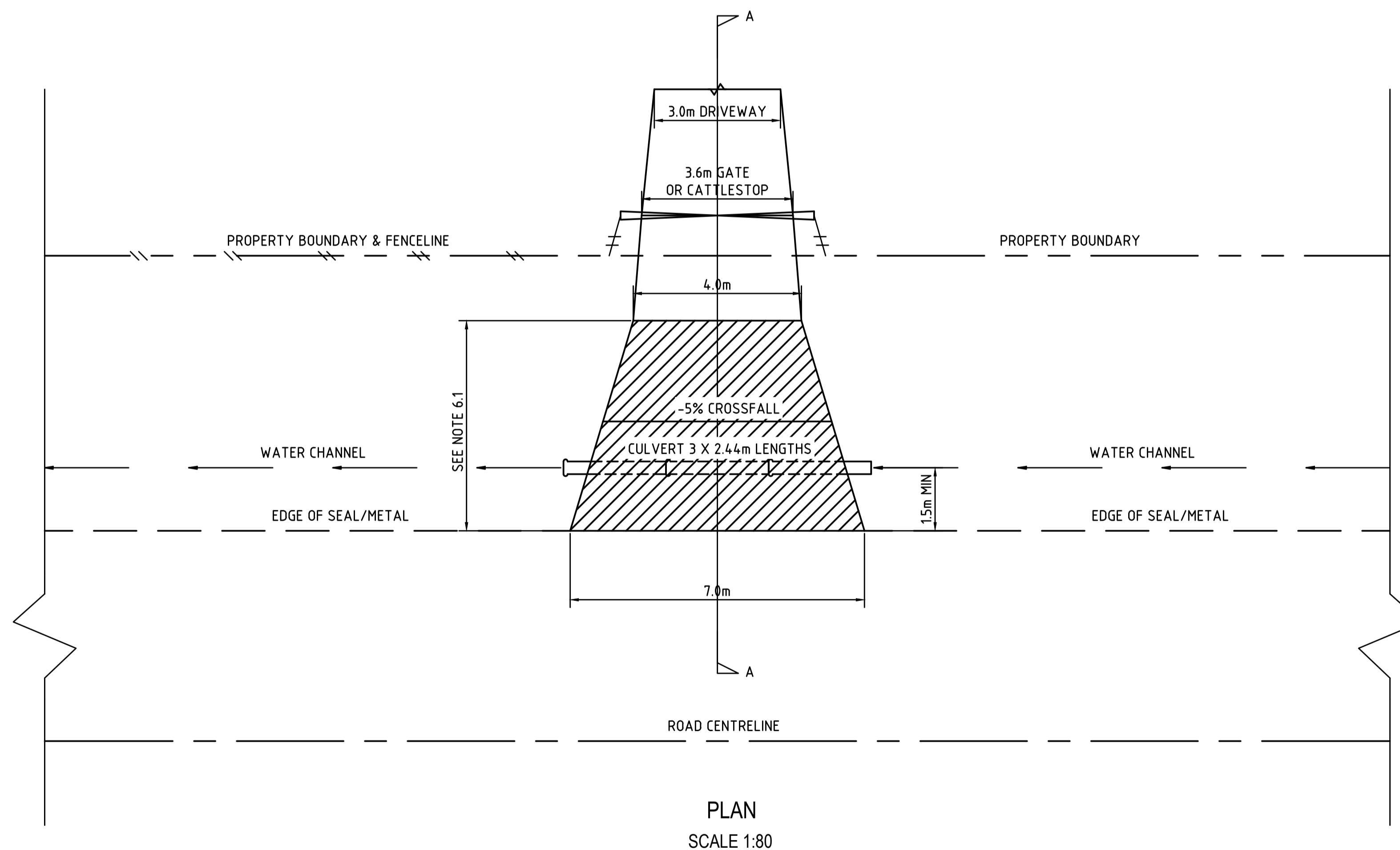


CROSS SECTION - SECTION A-A  
SCALE 1:30



PLAN  
SCALE 1:80

**NOTES**

DO NOT SCALE  
use dimensions shown

1.0 GENERAL

- 1.1 All works shall be constructed in accordance with the following standards and terms as applicable to site 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 Residential Vehicle Entrance is deemed to be adequate to accommodate a 5m long car turning into a property at a radius of 7.5m

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 or major watercourse, the constructor shall obtain certified waterway approval from Horizons. Telephone (06) 952 2800 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 pit sand or G.A.P. 40 as required.

3.4 All culverts shall be laid straight at a constant grade between 1.5m and 7m 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 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 100mm 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 SEALING

6.1 Where the vehicle entrance is to be formed adjacent to a sealed road, the surface of the entrance, shall be two coat chip seal, constructed with 180/200 grade bitumen and G3 and G5 chip. The seal shall extend not less than 5m from the edge of the existing seal or to the property boundary if that is more than 5m.

**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              | <i>[Signature]</i> | Design Check   | <i>[Signature]</i> |
| Approved (Project Director) | <i>[Signature]</i> | 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 Vehicle Entrance in Rural Residential & Residential Lots, Rural and Rural PA Zones |             |                 |
| Original Size | A1  | Drawing No: | 51-33209-15-G03 |
| Rev:          | B   |             |                 |