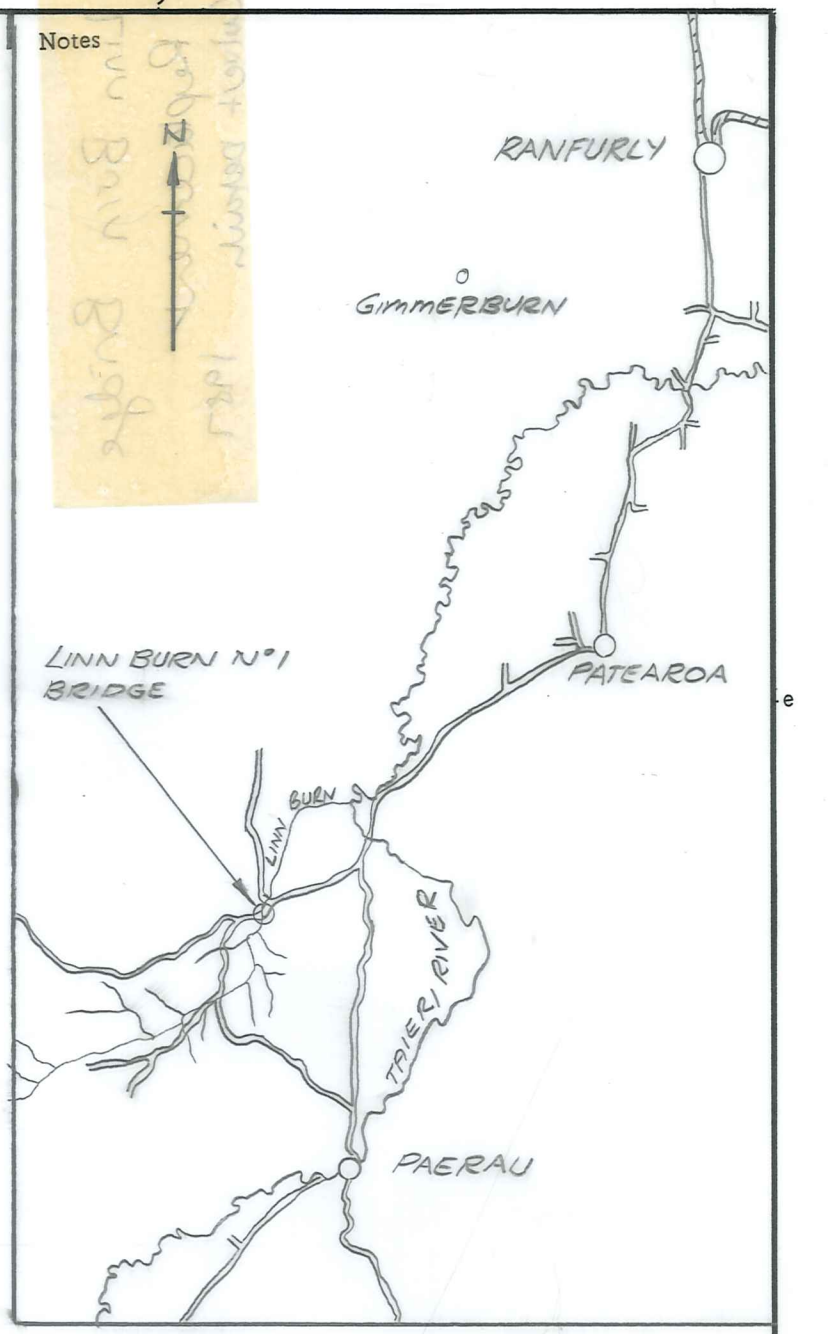


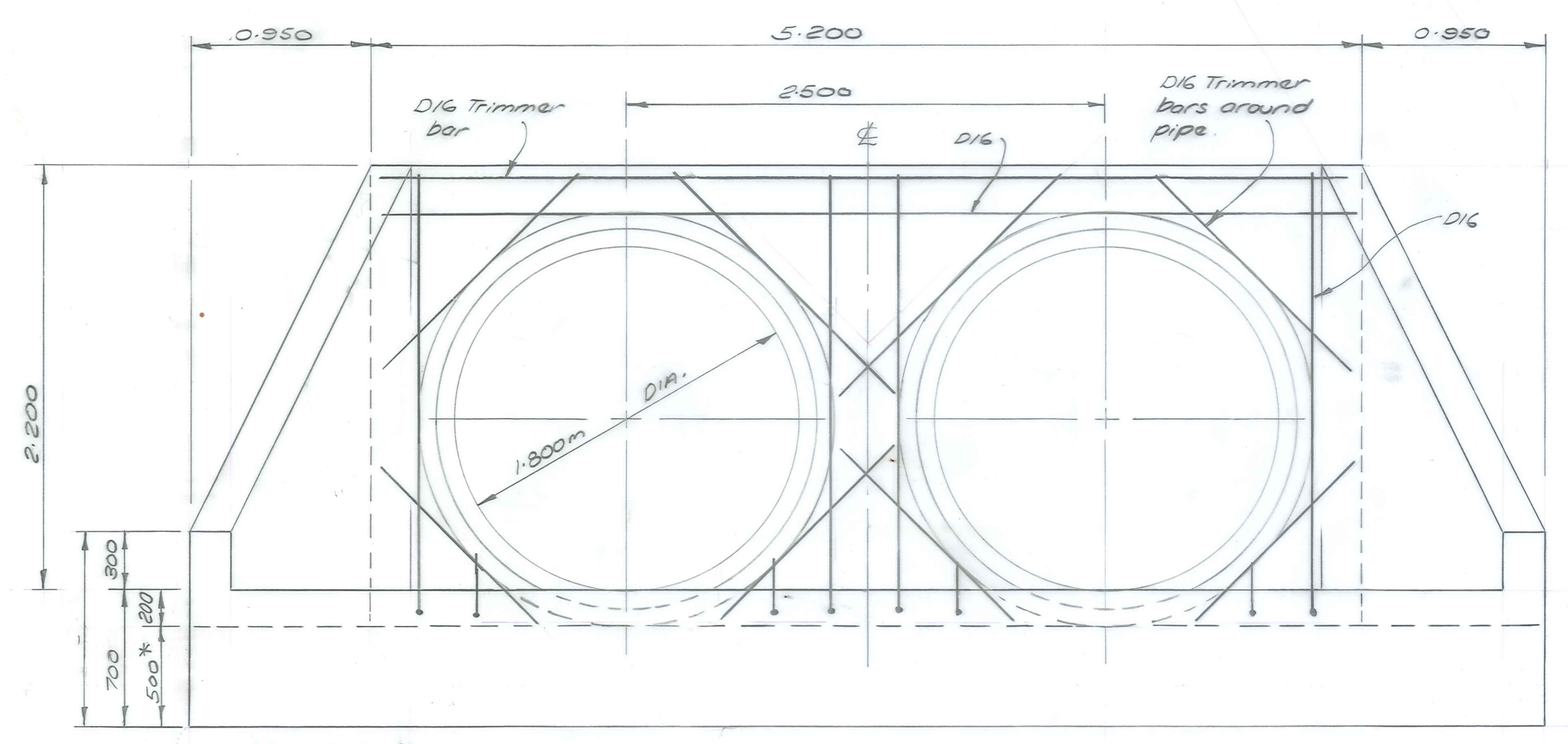
**SITE PLAN**  
Scale 1:200



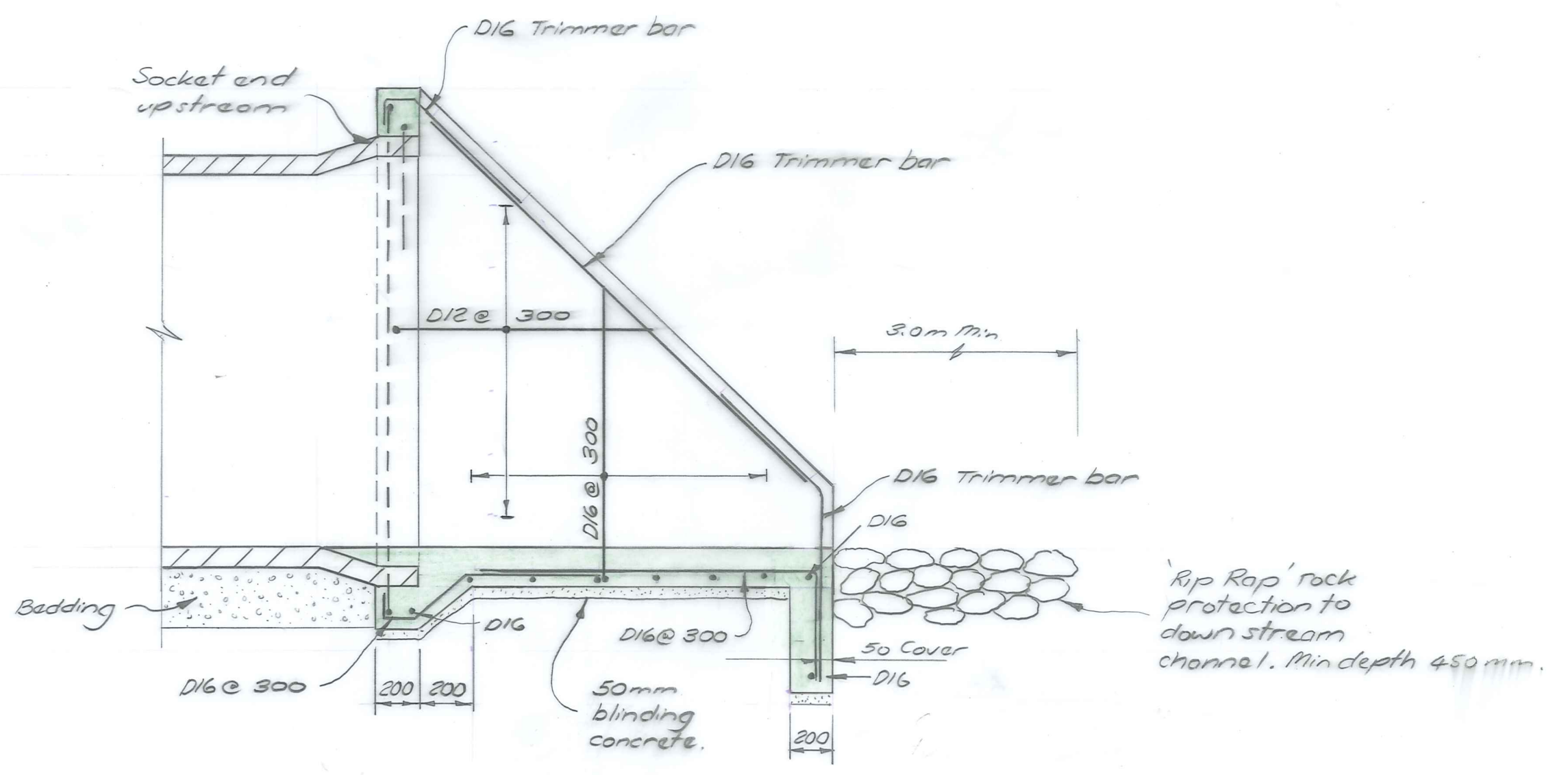
**LONGITUDINAL SECTION - EXISTING ROAD**  
Scale Horiz. 1:1000  
Vert. 1:100



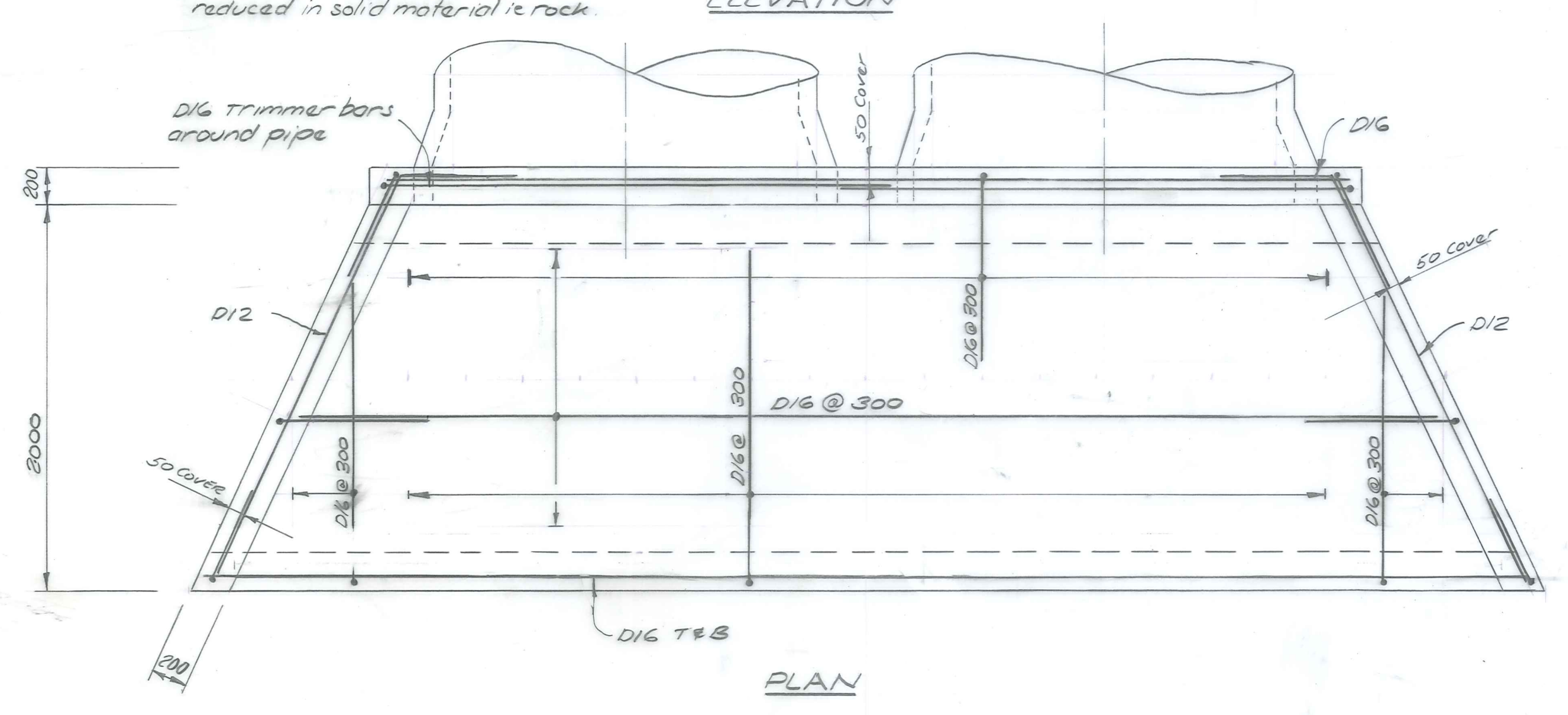
**LOCALITY PLAN**  
(NTS)



**ELEVATION**



**SECTION ON PIPE**



**PLAN**

**CULVERT INLET/OUTLET STRUCTURE DETAILS**  
Scale 1:25

- NOTES:**
1. Concrete strength 20MPa.
  2. Reinforcing steel grade 275.
  3. Minimum cover to be 50mm.
  4. Free draining material 300 mm minimum thickness behind wingwalls and headwalls.
  5. Rip Rap rock material to be min. size 150mm.

No.	Revisions	Date	Appd

Designed <i>J.M. &amp; M.S.</i>	Date 10/1/87	Print Date
Drawn <i>M.J. COOPER</i>	"	"
Checked <i>[Signature]</i>	24/1/87	"
Approved <i>[Signature]</i>	2-12-87	"
File 6/8/31	L.B. 496	F.B.

**DUFFILL WATTS & KING LTD**  
Consulting Civil & Structural Engineers  
Dunedin Invercargill Alexandra Queenstown

Client  
**MANIOTOTO COUNTY COUNCIL**

Project  
**LINN BURN No 1 BRIDGE REPLACEMENT CULVERT DETAILS**

Sheet Title  
**CONSTRUCTION DETAILS**

Job No. <b>12030</b>	Sheet No. <b>1</b>	Revision
	of 1 shts	