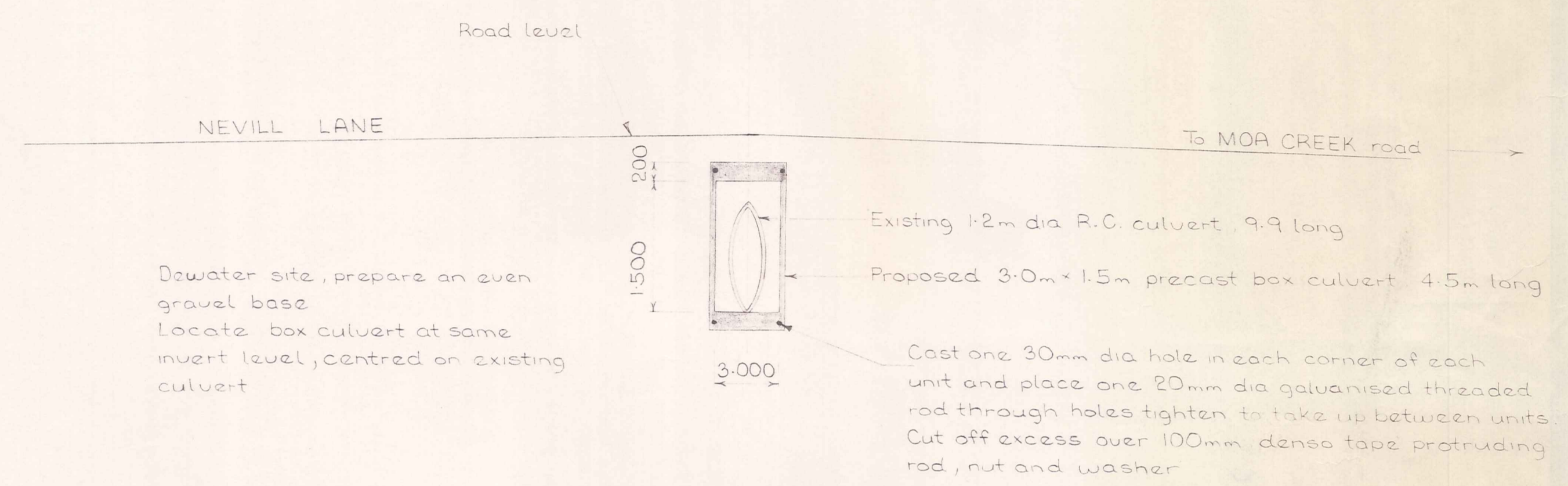


PLAN Scale 1:200

HYDRAULIC DESIGN DATA

References • TM61 oct 1975
 Rainfall duration • 3 hrs 50 min
 Return period • 2 year
 Catchment area • 105 km²
 Discharge Qp • 0.0139 CRSA %
 • 48 m³/sec
 Maximum channel capacity Q = $\frac{A \cdot R^{3/2} \cdot S^{1/2}}{N}$
 • $\frac{5.8 \cdot 1.11^{3/2} \cdot 0.00667^{1/2}}{0.020}$
 • 25.4 m³/sec
 Culvert capacity Q = $\frac{4.5 \cdot 0.75^{3/2} \cdot 0.00667^{1/2}}{0.012}$
 (A = 3.0 x 1.5m)
 • 25.2 m³/sec
 V • 5.6 m/sec



LONGITUDINAL SECTION ON ROAD

Scale Horiz 1:200
 Vert 1:50

AMENDMENTS				NAME	DATE	JOB NO.	Sheet No
NO	BY	DATE	Appvd			13051	1
				Surveyed			
				Drawn	K.G		
				Calculations	K.G		
				Traced	S/R	8/84	of 1 shts
				Checked		14/8/84	
				Approved			