

COMPREHENSIVE DISCHARGE REGISTER

CWR NO.P23

TITLE: Eastern Beach South.

WATER RIGHT/RESOURCE CONSENT No.771675

COMPREHENSIVE DISCHARGE CONSENT No.14/10/B/1675

EXPIRY DATE: April 2013

CATCHMENT SIZE: 78 ha.

POINT OF DISCHARGE: Eastern Beach, N42-433573

PEAK DISCHARGE: 8.3 m³/s (2% AEP).

PRIMARY DESIGN STANDARD: 20% AEP.

SECONDARY DESIGN STANDARD: 2% AEP.

FLOOR LEVEL RESTRICTION:

1m above 2% AEP. Can be reduced for non-habitable floors at the discretion of MCC, or refer to the Proposed District Plan (Section 9.9.1.2 (c)), **whichever is the more rigorous.**

OTHER CONDITIONS:

- Fill shall not be placed in the flood plain or interference of the watercourse take place without ARC approval.
- Adequate silt control measures should be undertaken during earthmoving stages of future development.

COMPREHENSIVE DISCHARGE CONSENT LEVY: \$394 per ha.*

S.W. QUALITY LEVY: N/A*

*Refer to Financial Contributions Register for updated figures.

PROPOSED WORK:

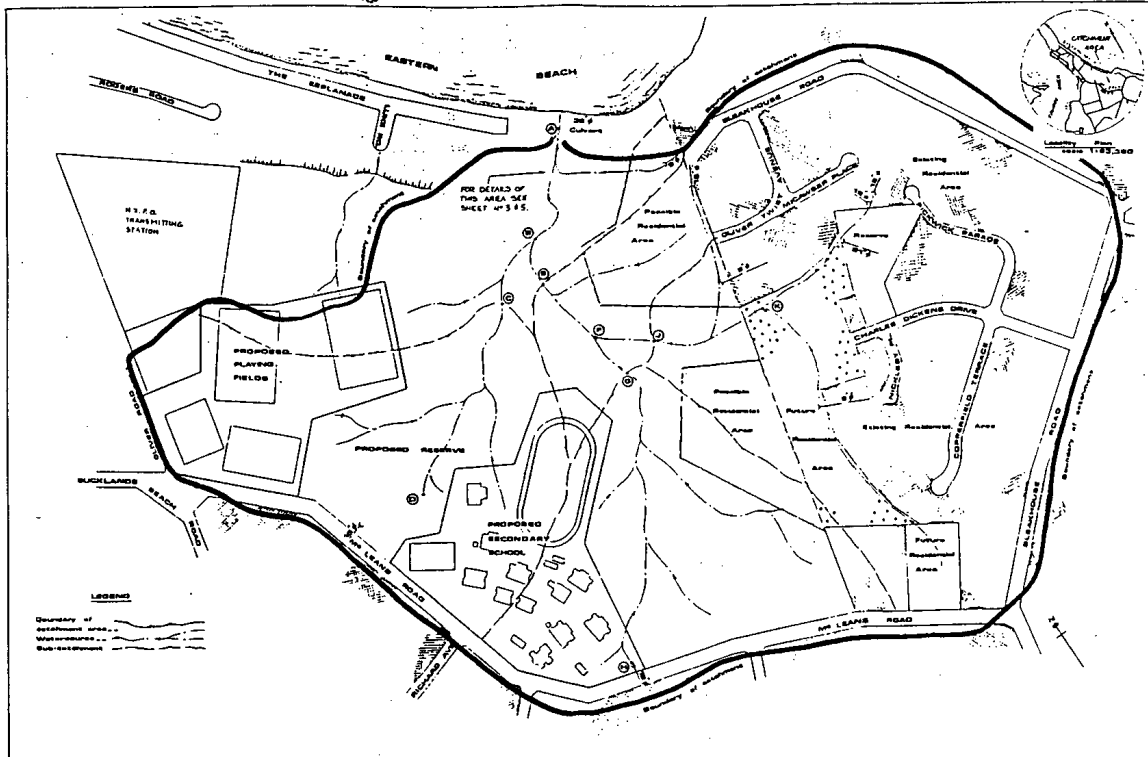
Short length of paved low flow channel as shown in the accompanying 'Plan of Catchment Outlet'.


COST:* -

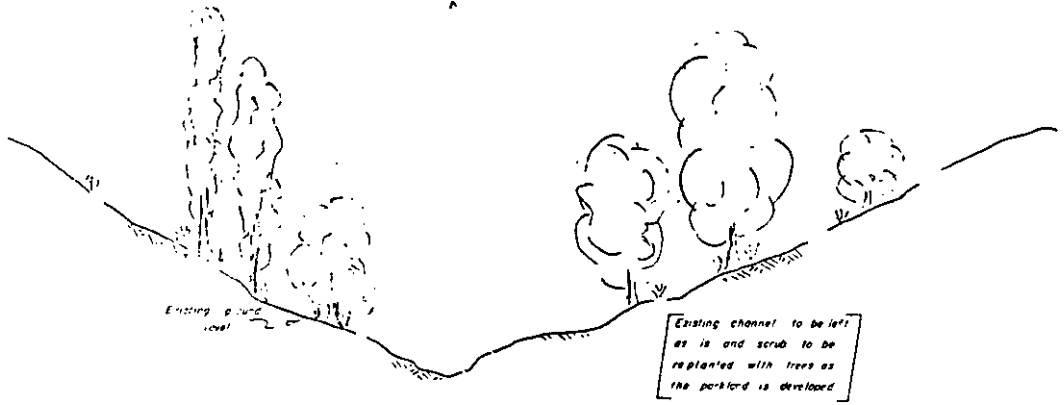
COMMENTS: -

Diagrams Included: Catchment Plan
Typical Sections

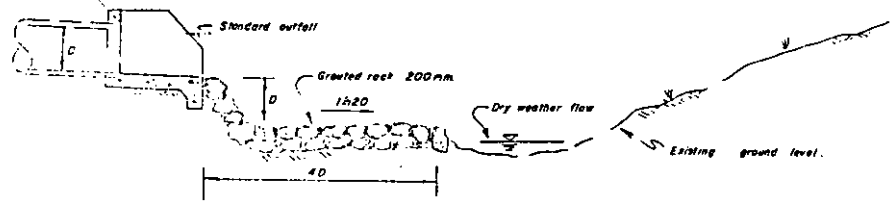
*Refer to Financial Contributions Register for updated figures.



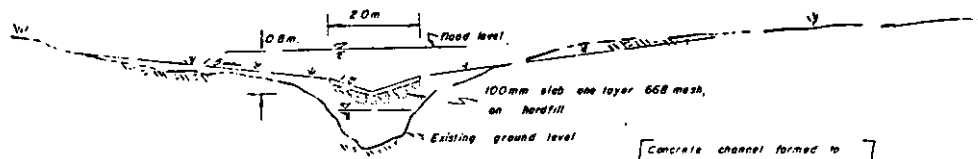
Field No. Level No. Project No. Job No.		Surveyed Drawn Checked		Date Approved Date		Description		Date		CITY OF MANUKAU EASTERN BEACH SOUTH DRAINAGE SCHEME - 920-23 CATCHMENT PLAN		 J. M. T. WEIR City Engineer		Sheet No. Page No. Scale 1:1250	
--	--	--	--	--	--	-------------------------------------	--	------------------------------	--	--	--	--	--	---	--



TYPICAL SECTION ABOVE 'B'



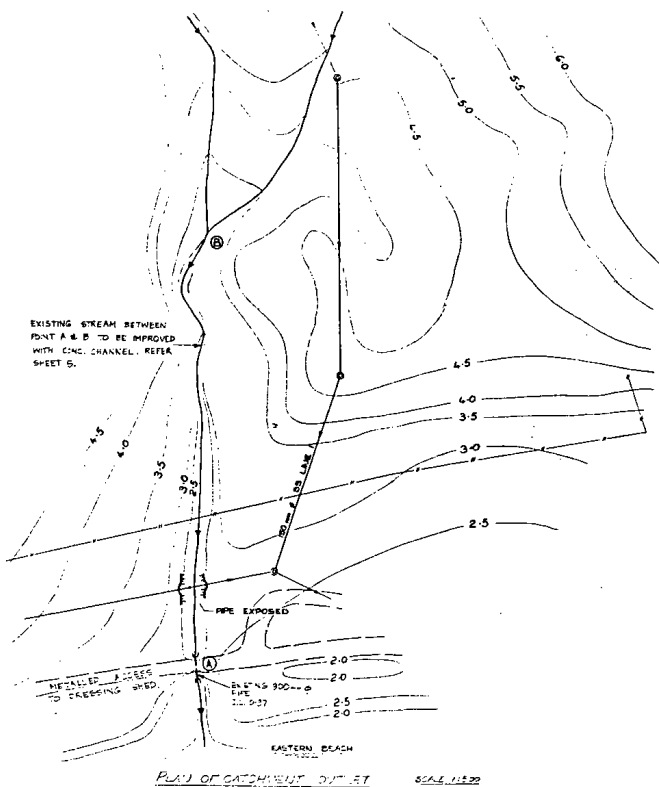
TYPICAL CUTFALL TO OPEN CHANNEL



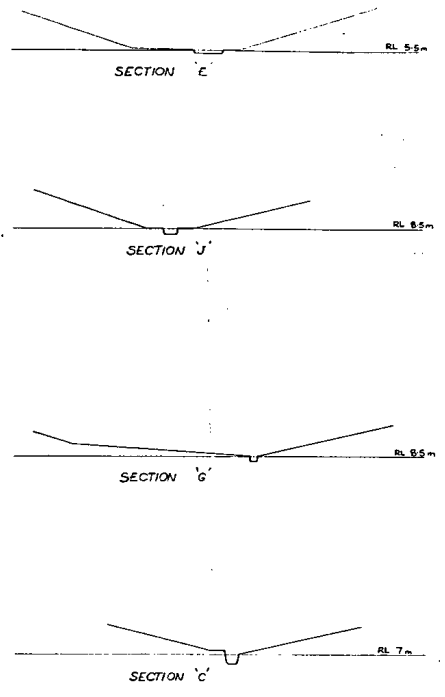
TYPICAL SECTION BEACH TO 'B'

CITY OF HANOVER

ENGINEER



PLAN OF CATCHMENT OUTLET SCALE 1:1250



CROSS SECTIONS THROUGH DRAINAGE SYSTEM
SCALE: (NATURAL) 1:200

CITY OF MANUKAU										
EASTERN BEACH - SOUTH										
Field Book	Surveyor	Date	Supervisor	Amendments	Date		J. M. T. WEIR	Block	Sheet	
Level Book	Designer	Approved					C. H. F. MCNEIL	Plan No.		
Project No.	Drawn	11-77	Date				City	Sheet 3 of 5		
Job No.	Checker						Engineer	Scale		