

**COMPREHENSIVE DISCHARGE REGISTER****CWR NO.116****TITLE: Cockle Bay Catchment.****WATER RIGHT/RESOURCE CONSENT No.-****COMPREHENSIVE DISCHARGE CONSENT No.-****EXPIRY DATE: -****CATCHMENT SIZE: 120 ha.****POINT OF DISCHARGE: Cockle Bay, NZMS 260 R11 842762****PEAK DISCHARGE: 27 m<sup>3</sup>/s (1% AEP).****PRIMARY DESIGN STANDARD: 20% AEP.****SECONDARY DESIGN STANDARD: 1% AEP.****FLOOR LEVEL RESTRICTION:****0.5m** above 1% AEP;except where 1% AEP flowpath is intercepted by roadways - **1m** above roadway level;where the property lies on the overland flow path - **1.5m** above average ground level across 10m wide section of flowpath valley;

or refer to the Land Information Register;

or refer to the Proposed District Plan (Section 9.9.1.2 (c) ), **whichever is the more rigorous.****OTHER CONDITIONS: -****COMPREHENSIVE DISCHARGE CONSENT LEVY: N/A\*****S.W. QUALITY LEVY: N/A\***

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\*Refer to Financial Contributions Register for updated figures.

**PROPOSED WORK:** Refer to attached Management Plan Key Features.

**COST:\*** \$207,000 (approx.)(excluding both design costs and GST), as at June 1993.

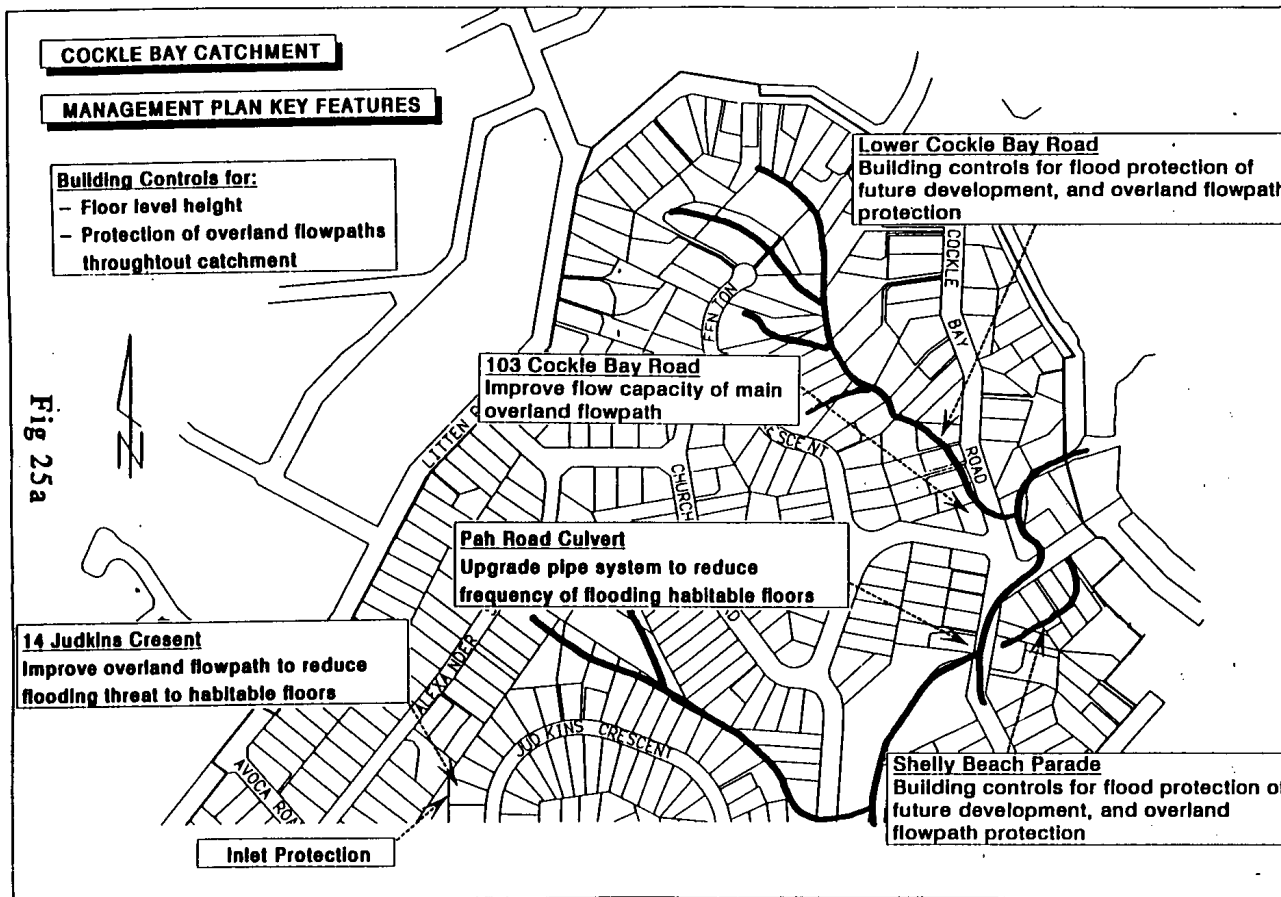
**COMMENTS:**

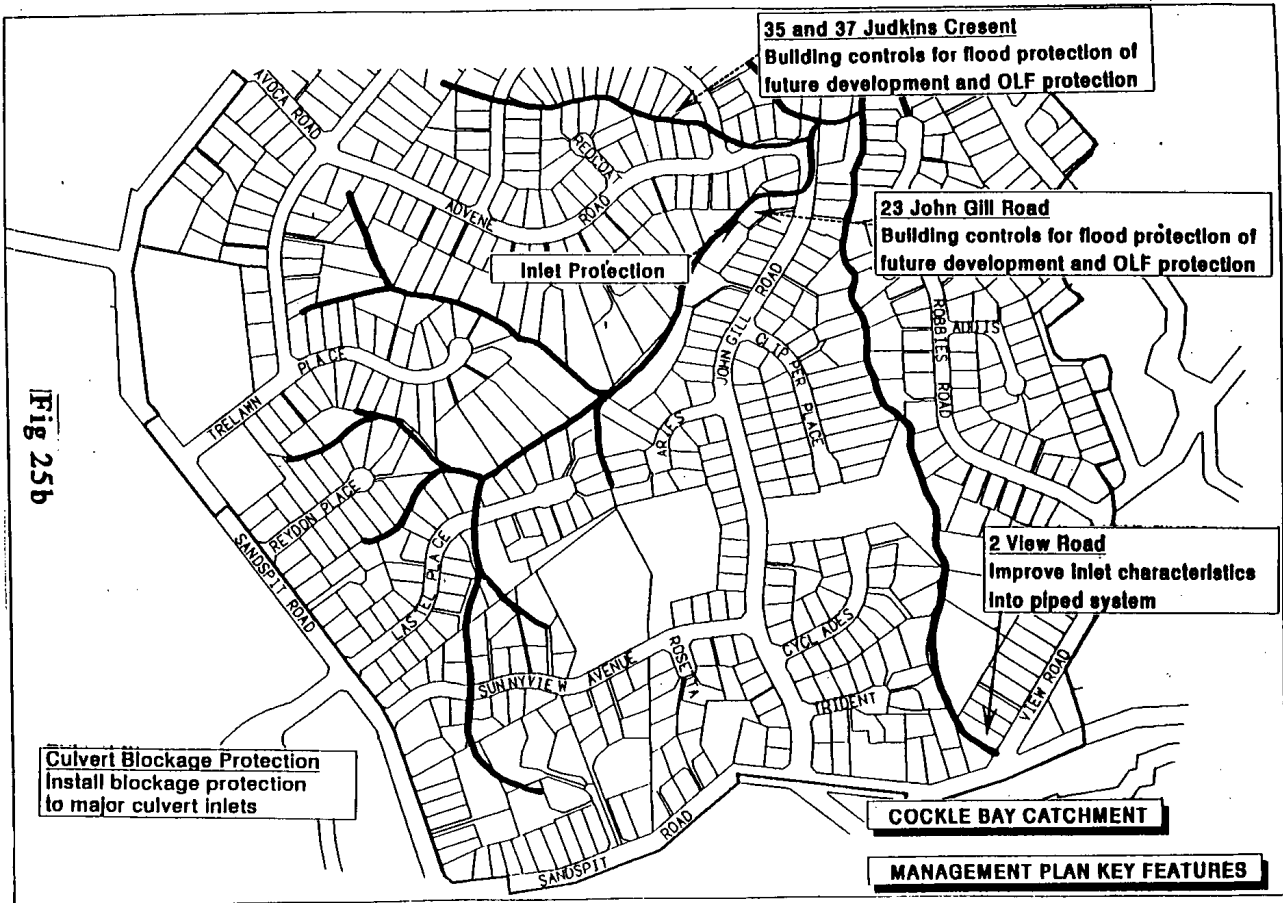
- 42% max. impervious surface cover, at present there is 39% impervious surface cover.
- Appendix D in the Management Study details existing Water Rights.
- For allowance for sea level rise refer to Section 9.9.1.2 of the Proposed District Plan (minimum site level = 0.5m above 2.9m DOSLI datum).
- Restrict floor levels around the intersection of Shelly Beach Parade, Pah Road and Cockle Bay Road to 4.0m RL (above DOSLI datum). See page 93 of Management Plan for greater detail.

*Diagrams Included:* Management Plan Key Features  
Flood Hazard Maps

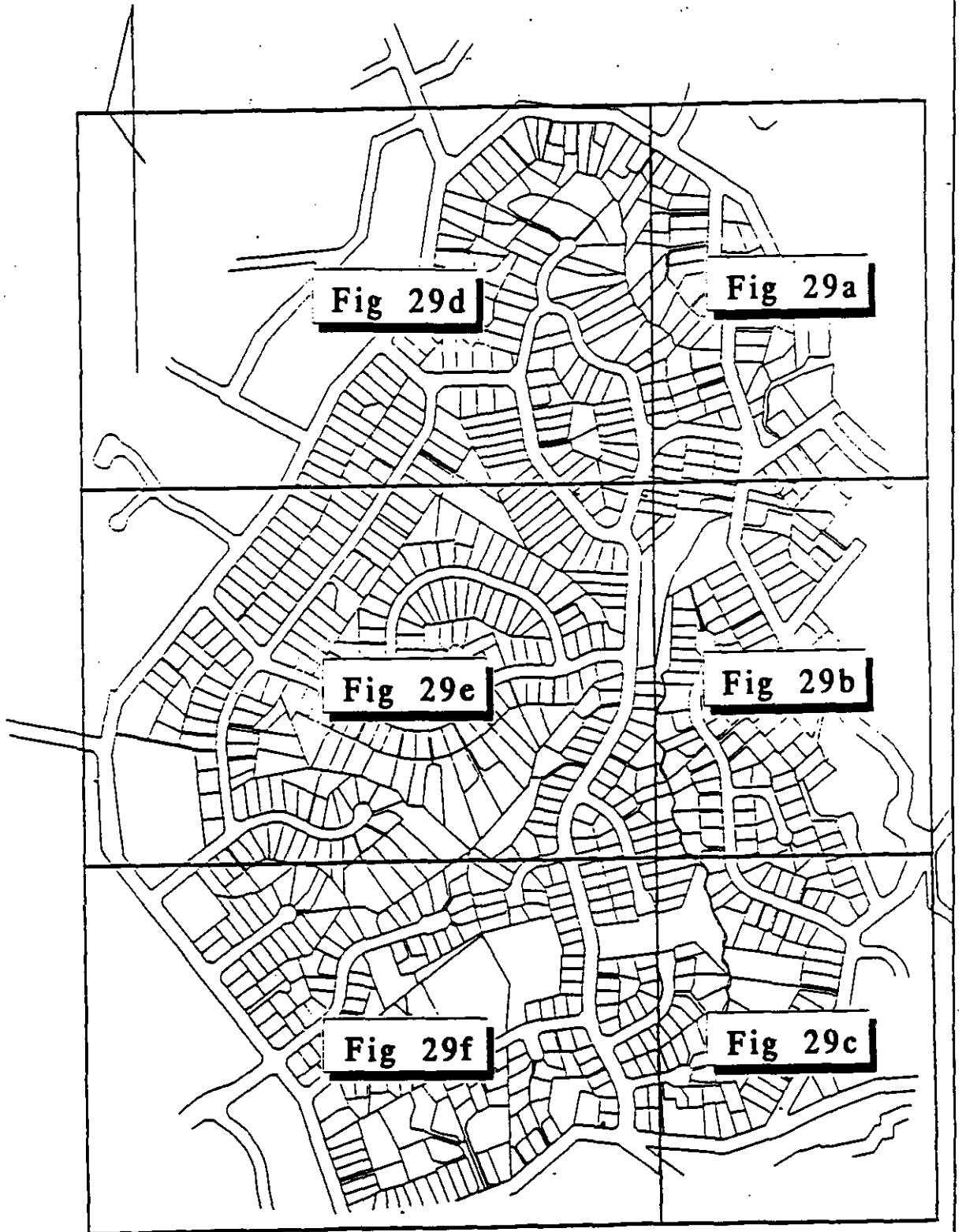
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\*Refer to Financial Contributions Register for updated figures.









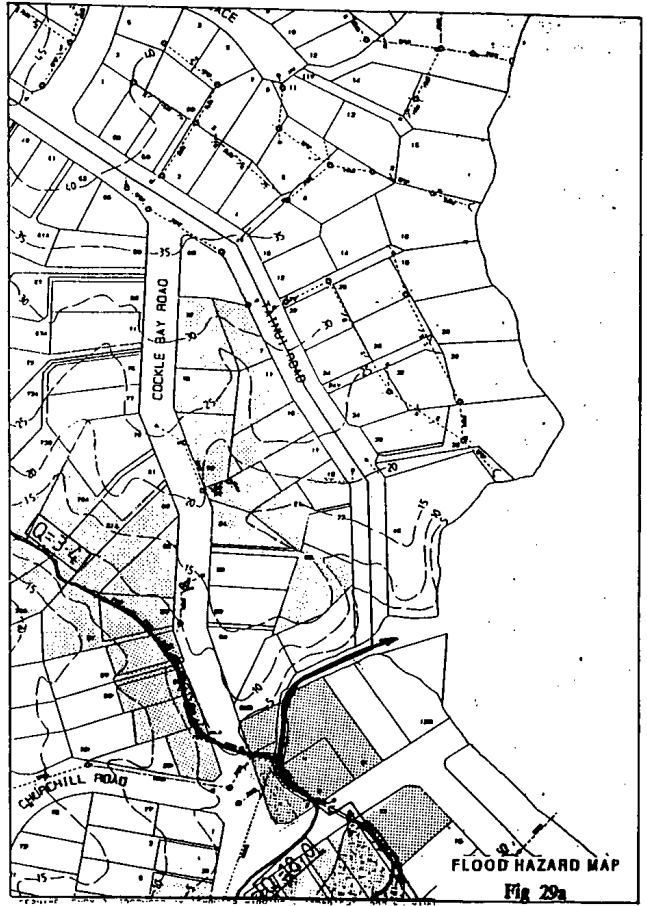
# LAYOUT OF DRAWINGS

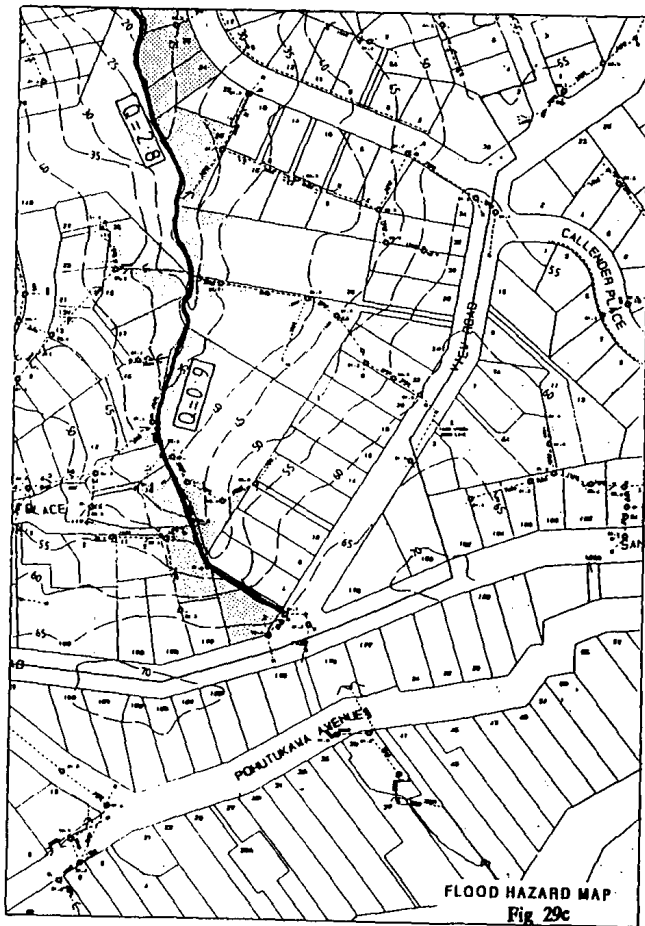
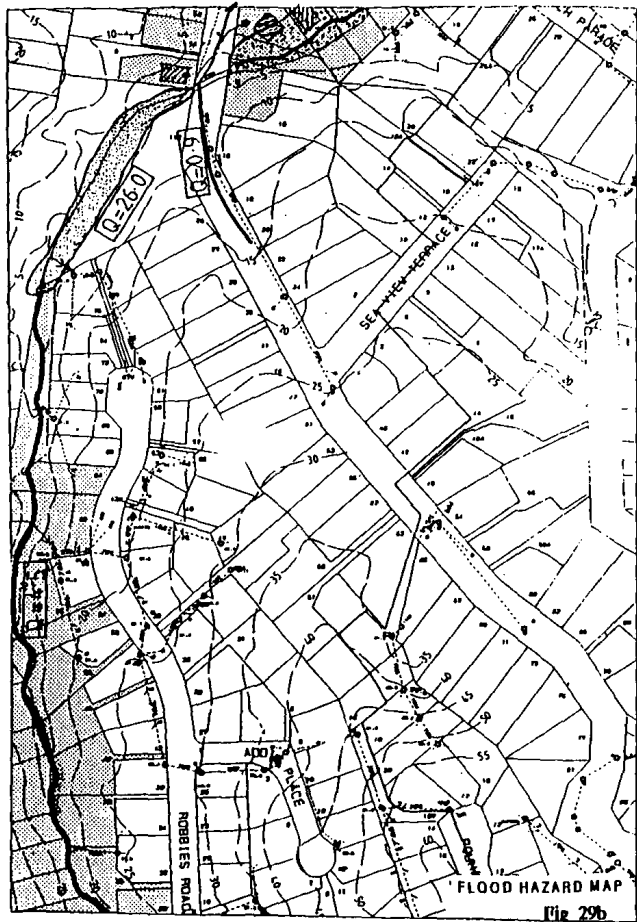


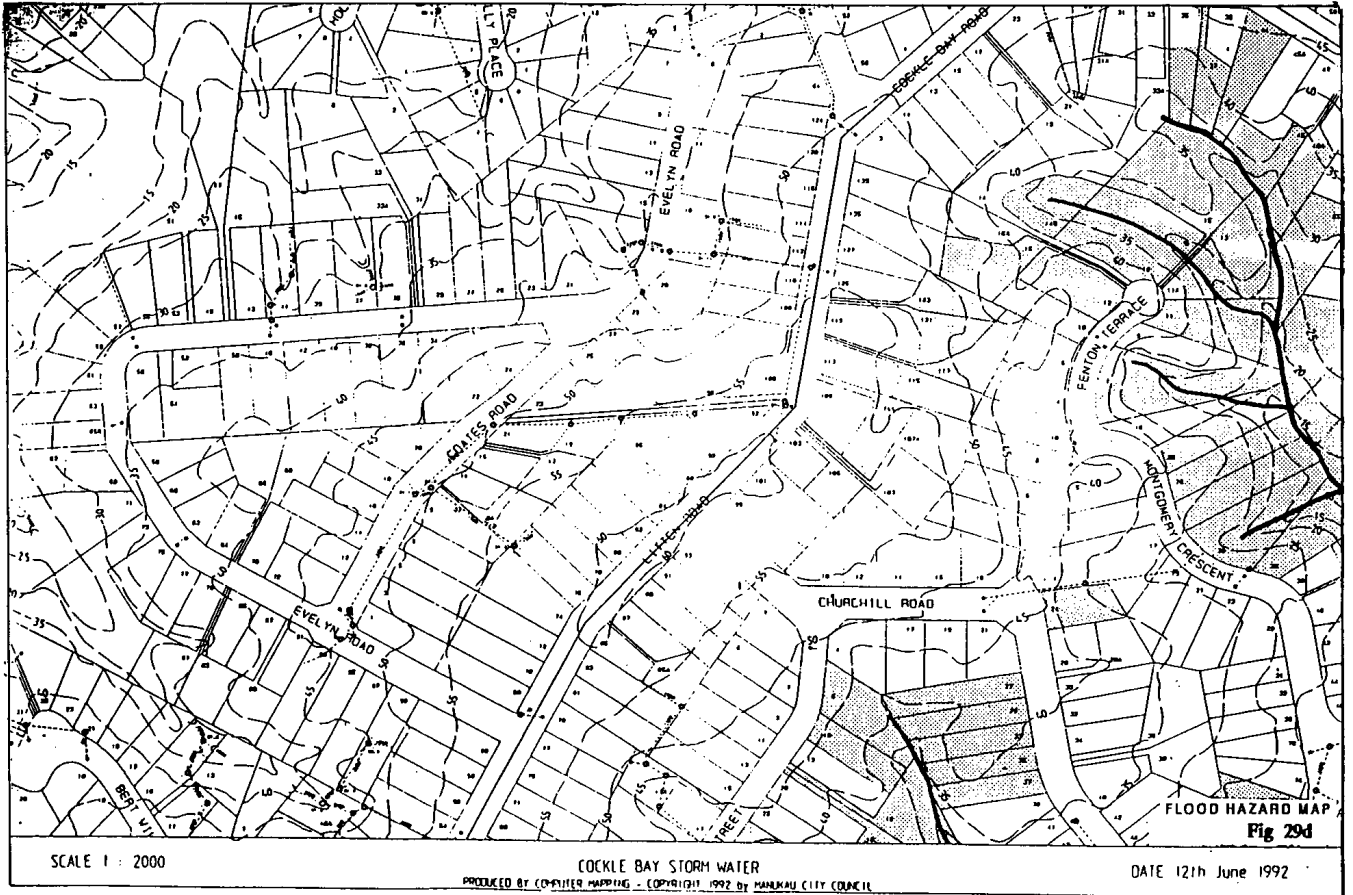
**FLOOD HAZARD MAPS**

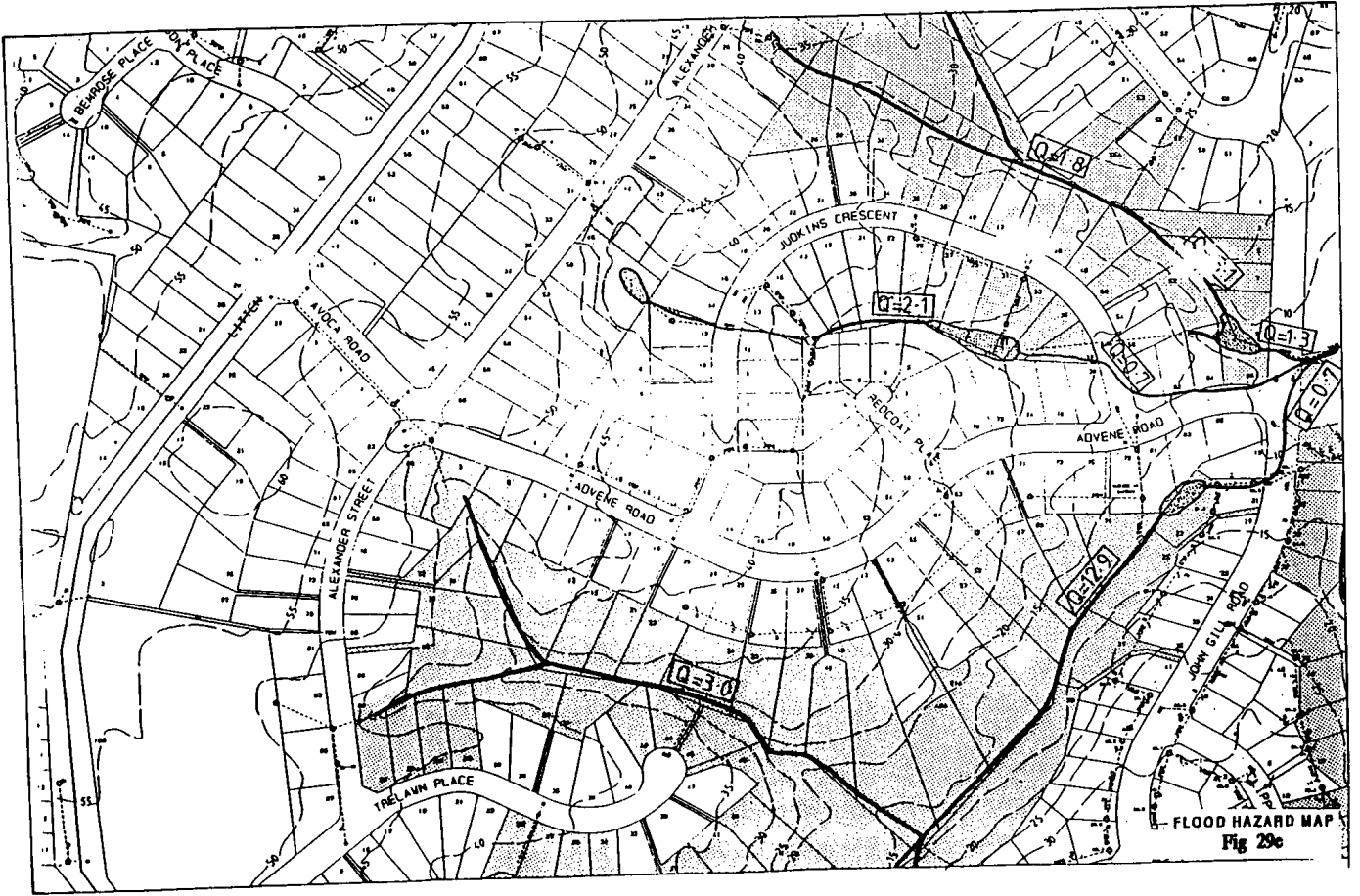
**LEGEND**

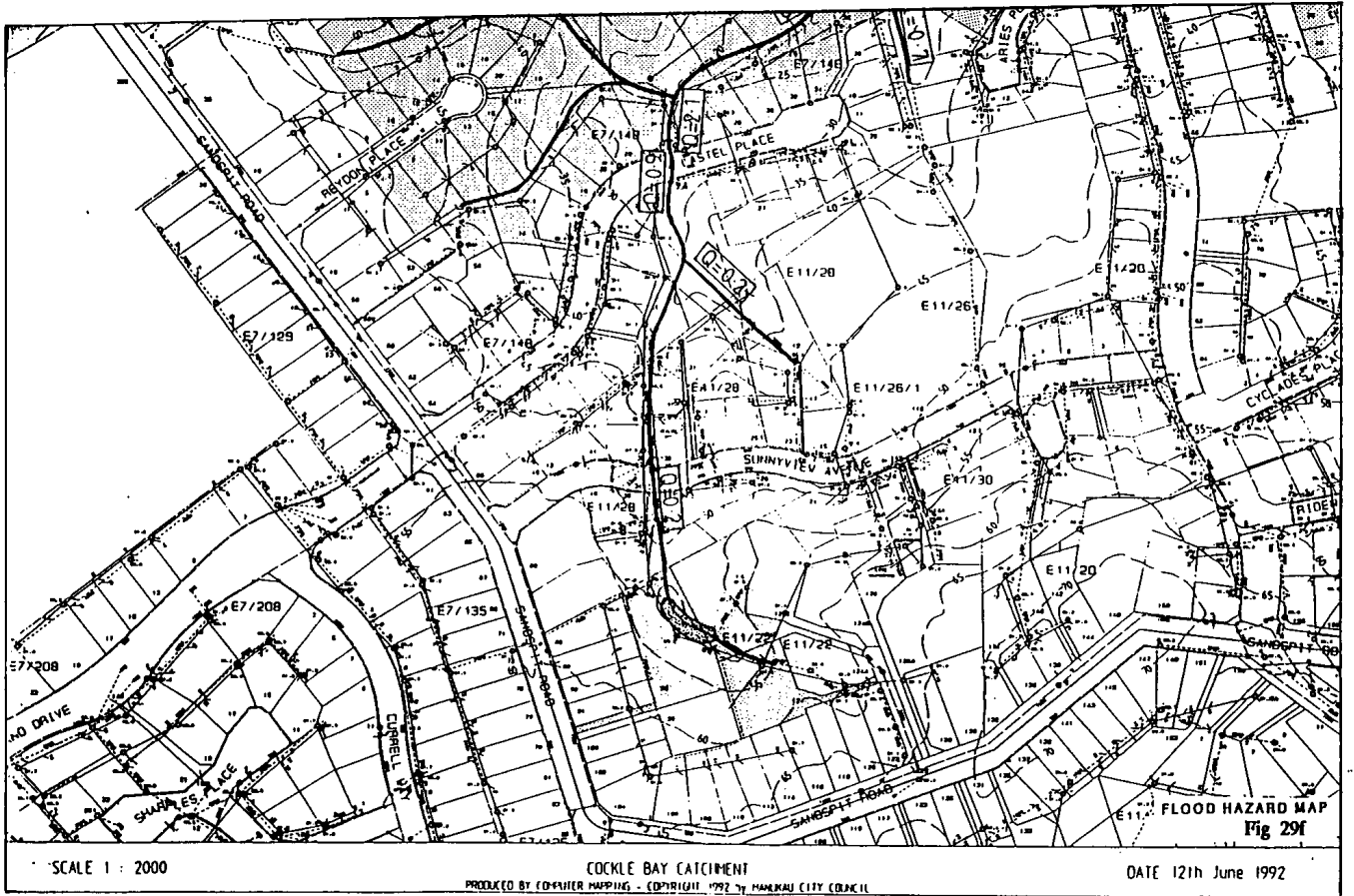
-  Property on major overland flowpath
-  Major overland flowpath
-  Ponding area
-  Habitable floor at threat in 1% A.E.P.
- Q = 3** 1% A.E.P. overland flow (cu.m/s)











SCALE 1 : 2000

COCKLE BAY CATCHMENT  
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DATE 12th June 1992