

**COMPREHENSIVE DISCHARGE REGISTER**

**CWR NO.103**

**TITLE: Mahia Rd, Manurewa.**

**WATER RIGHT/RESOURCE CONSENT No.928706**

**COMPREHENSIVE DISCHARGE CONSENT No.14/10/Br/8706**

**EXPIRY DATE: 31 Dec. 2027**

**CATCHMENT SIZE: 407 ha.**

**POINT OF DISCHARGE: Waimahia Ck, NZMS 260 R11 785606**

**PEAK DISCHARGE: 55 m<sup>3</sup>/s (1% AEP).**

**PRIMARY DESIGN STANDARD: 20% AEP.**

**SECONDARY DESIGN STANDARD: 1% AEP.**

**FLOOR LEVEL RESTRICTION:**

For the flood level restrictions for those sites at risk from flooding as identified on the accompanying Flood Hazard Map **either** refer to the Comprehensive Flood Management Plan (pg. 22,23,30-35) and the Land Information Register **or** 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 accompanying Flood Hazard and Management Plan (Fig 2a-2c).

**COST:\*** \$1,183,600 (approx.)(excluding both design costs and GST), as at Dec. 1992.

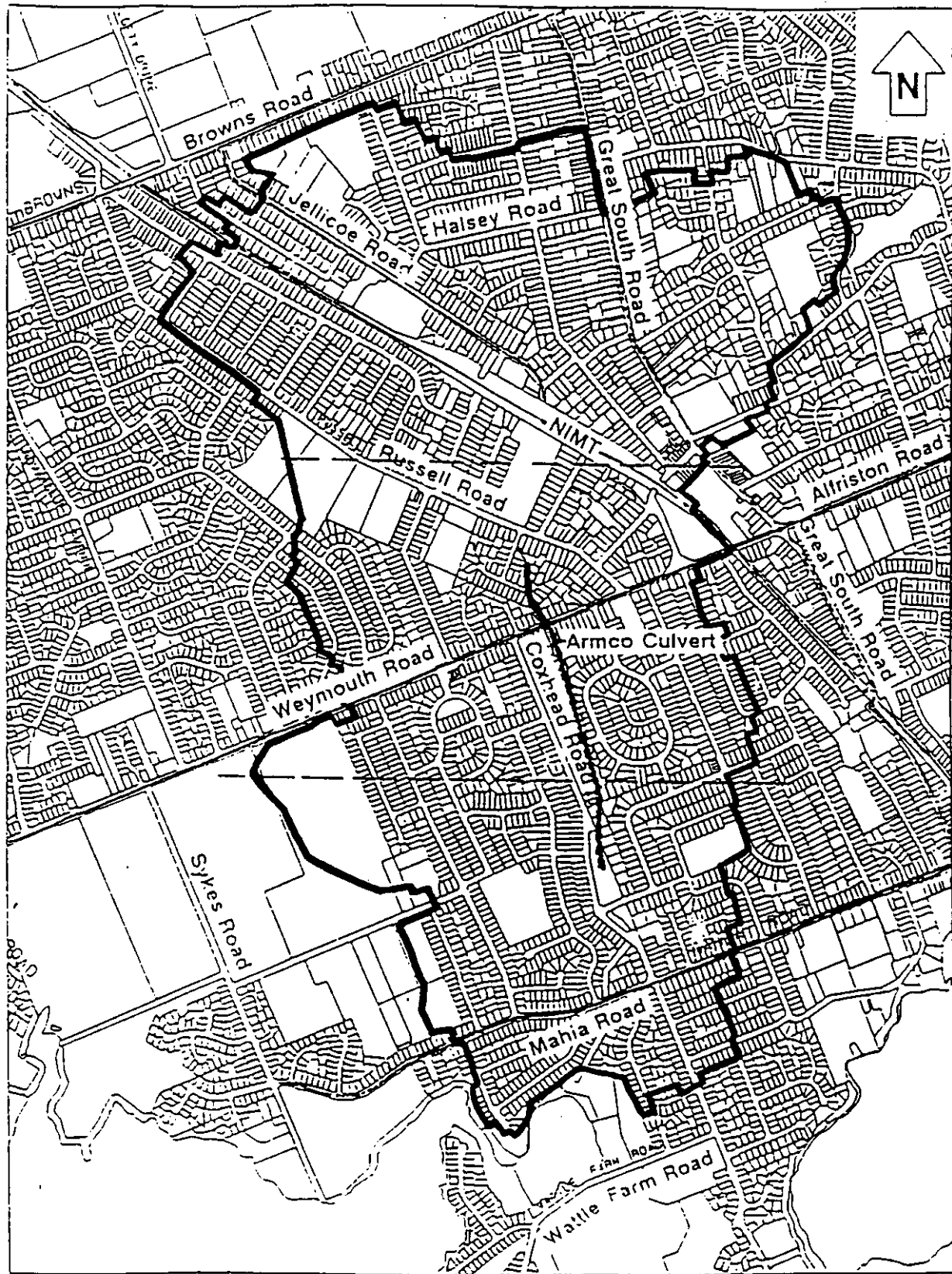
**COMMENTS:**

40% max. impervious surface cover, at present there is 35% impervious surface cover.

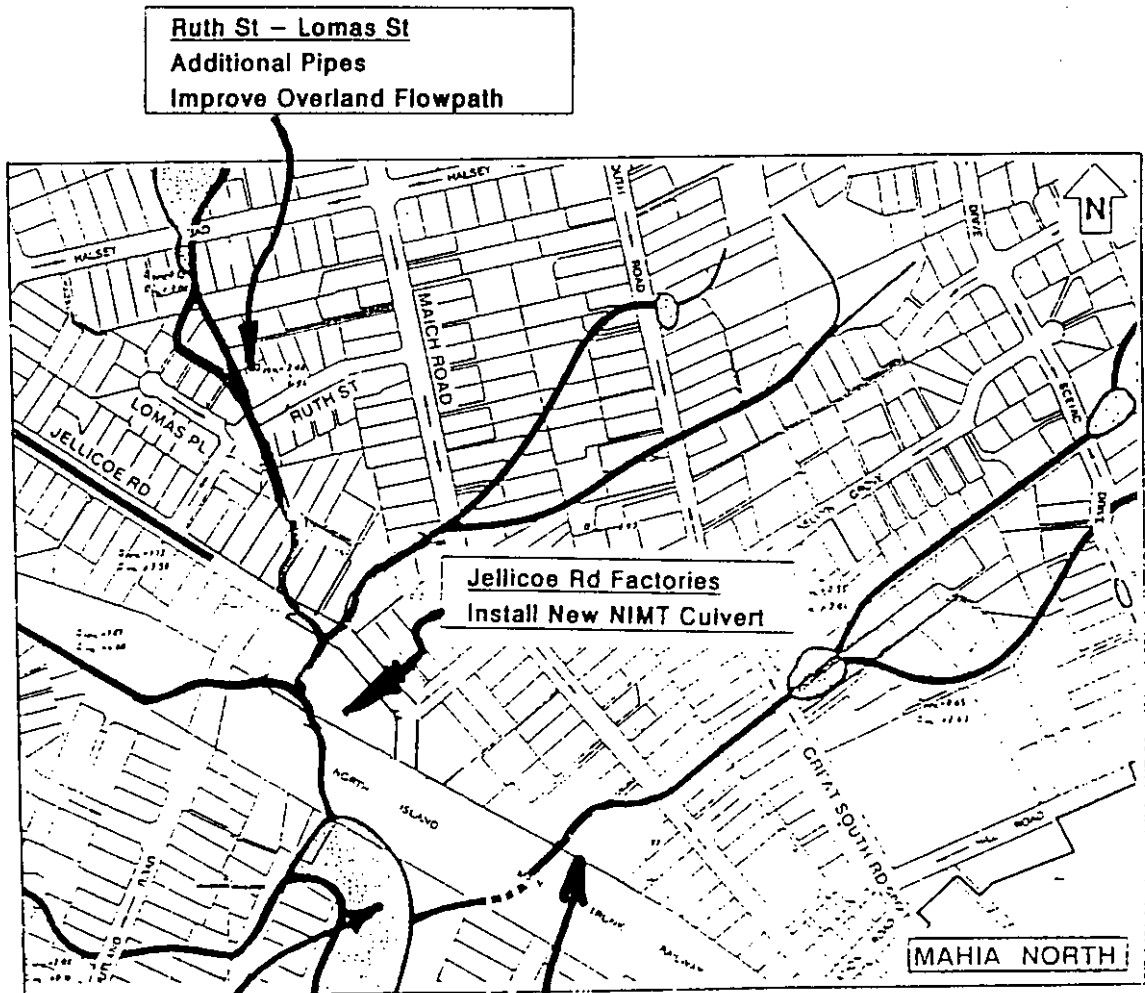
*Diagrams Included:* Location of Catchment  
Flood Hazard Map including overland flow paths (Fig 18-22)  
Flood Hazard and Management Plan (Fig 2a-2c)

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\*Refer to Financial Contributions Register for updated figures.



MAHIA CATCHMENT



**Ruth St – Lomas St**  
Additional Pipes  
Improve Overland Flowpath

**Jellicoe Rd Factories**  
Install New NIMT Culvert

**MAHIA NORTH**

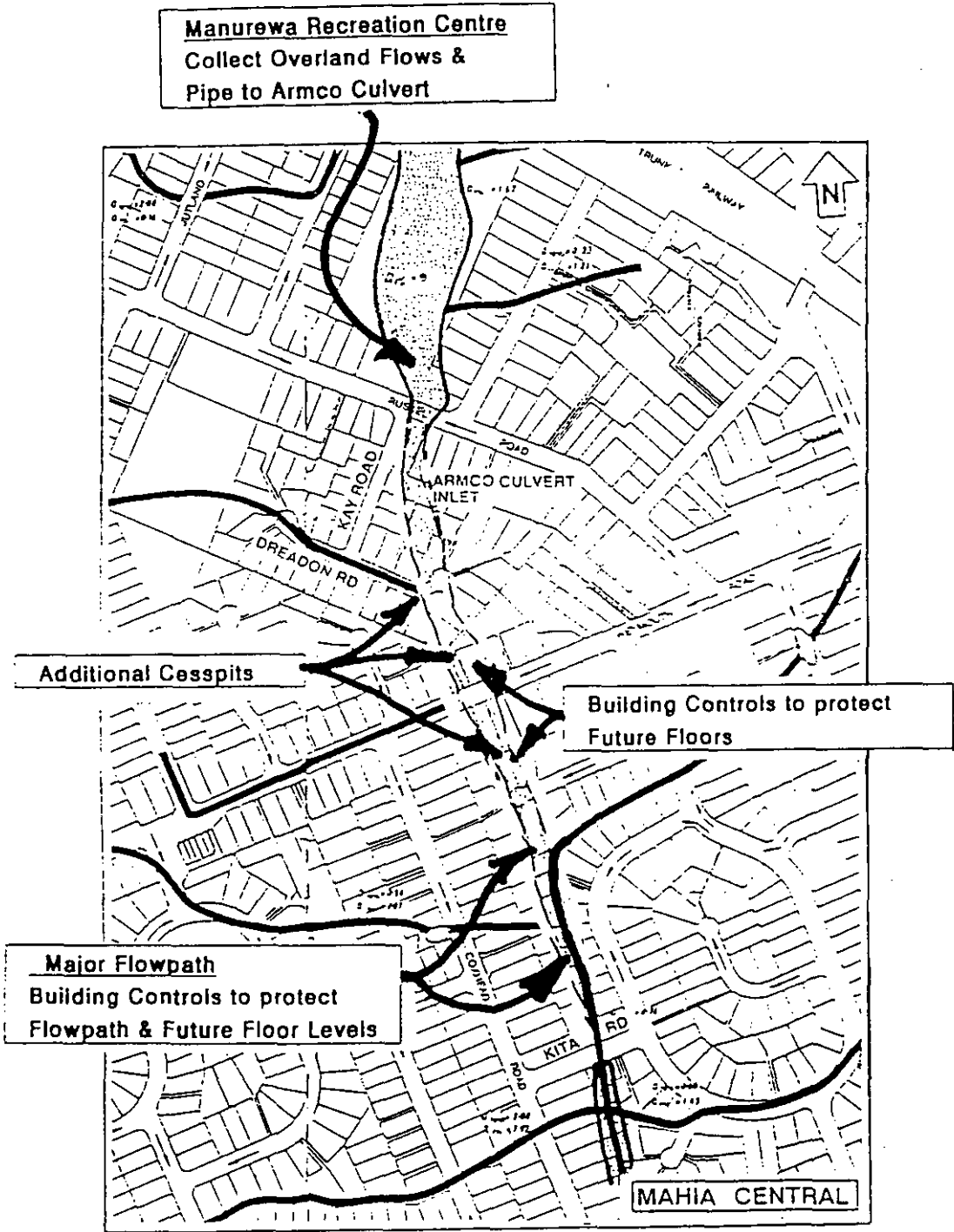
**Manurewa Recreation Centre**  
Improve Overland Flowpath

**Maich Rd Factories**  
Install New NIMT Culvert

**Legend**  
Overland Flowpath  
Ponding

**MAHIA CATCHMENT MANUREWA**

**MANAGEMENT PLAN  
KEY FEATURES**



**Manurewa Recreation Centre**  
Collect Overland Flows &  
Pipe to Armco Culvert

**Additional Cesspits**

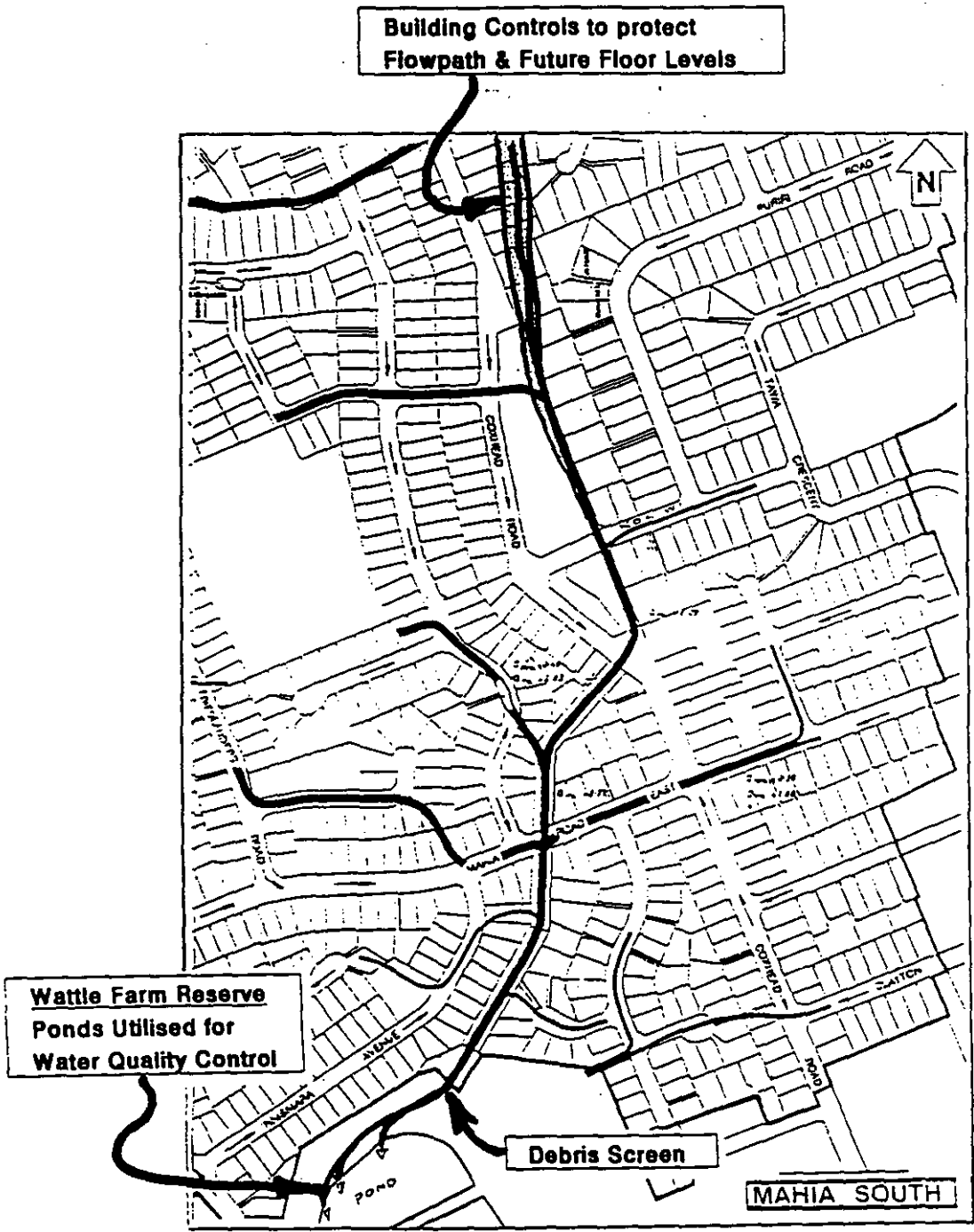
**Building Controls to protect**  
Future Floors

**Major Flowpath**  
Building Controls to protect  
Flowpath & Future Floor Levels

**MAHIA CENTRAL**

**MAHIA CATCHMENT MANUREWA**

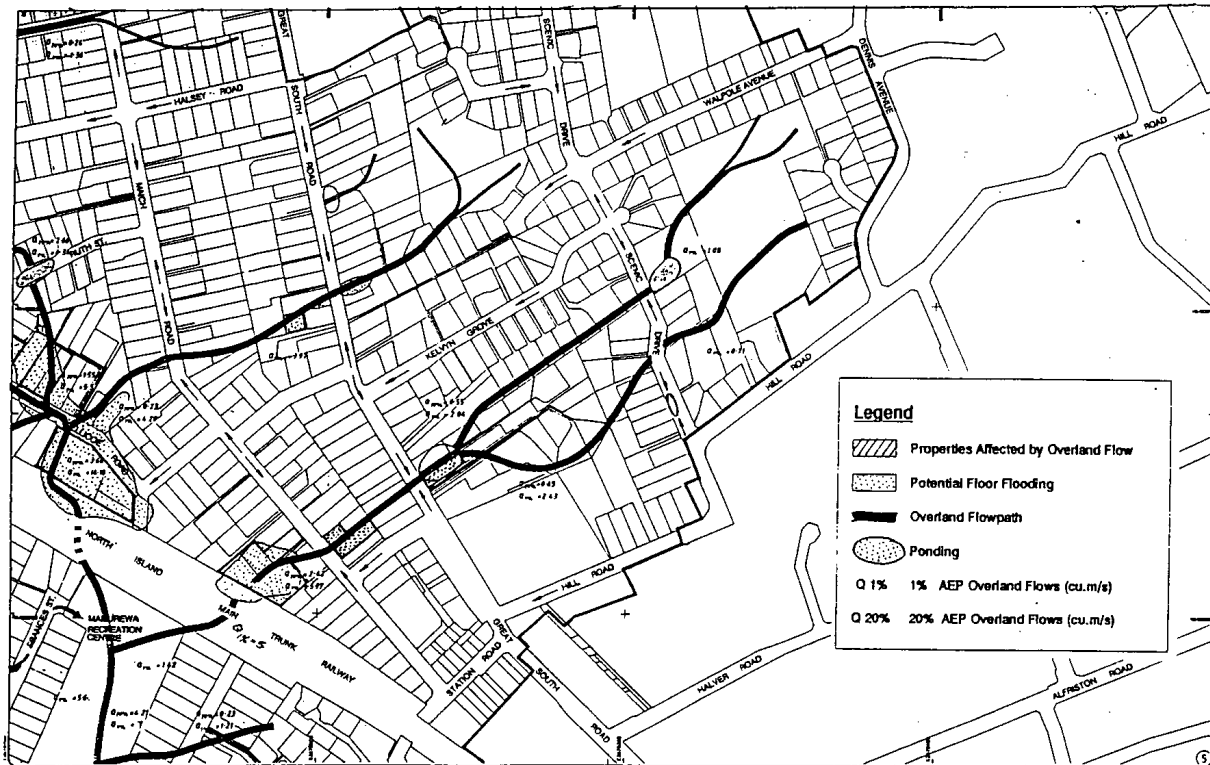
**MANAGEMENT PLAN**  
KEY FEATURES



**MAHIA CATCHMENT MANUREWA**

**MANAGEMENT PLAN  
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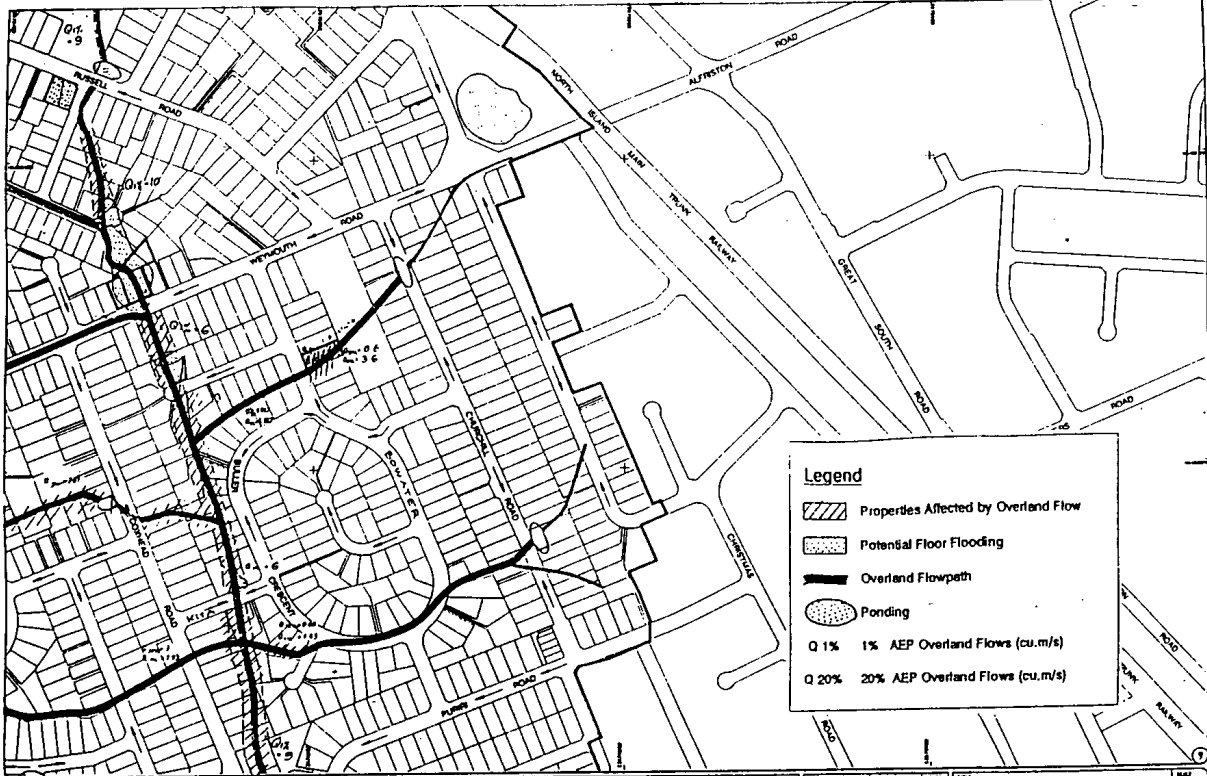




<b>Babbage</b> <small>Engineering &amp; Planning          111/113 The Esplanade          Auckland 1</small>	<small>DATE: 11/11/2011</small> <small>SCALE: 1:1000</small> <small>PROJECT: MAHIA CATCHMENT</small> <small>CLIENT: MANUKAU CITY COUNCIL</small>	<small>DATE: 11/11/2011</small> <small>SCALE: 1:1000</small> <small>PROJECT: MAHIA CATCHMENT</small> <small>CLIENT: MANUKAU CITY COUNCIL</small>	<b>Manukau City Council</b> <b>Catchment Management Plan</b>	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REVISION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	BY	REVISION					<b>FLOOD HAZARD MAP</b> <b>MAHIA CATCHMENT</b> <small>Fig 19</small>	<small>SCALE: A1</small> <small>FIGURE NO: 19</small>
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