

**COMPREHENSIVE DISCHARGE REGISTER**

**CWR NO.102**

**TITLE:** Nield Road Catchment.

**WATER RIGHT/RESOURCE CONSENT No.928587**

**COMPREHENSIVE DISCHARGE CONSENT No.14/10/Br/8587**

**EXPIRY DATE:** 31 Dec. 2027

**CATCHMENT SIZE:** 103 ha.

**POINT OF DISCHARGE:** Papakura Stream, NZMS 260 R11 798613

**PEAK DISCHARGE:** 11 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. 20,21) and the Land Information Register **or** to the Proposed District Plan (Section 9.9.1.2 (c) ), **whichever is the more rigorous.**

**OTHER CONDITIONS:**

Works to be carried out according to Nield Rd. Catchment Management Plan.

**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 accompanying diagram 'Management Plan Key Features' (Fig 2-2a).

**COST:\*** \$663,000 (approx.)(excluding both design costs and GST), as at Oct. 1992.

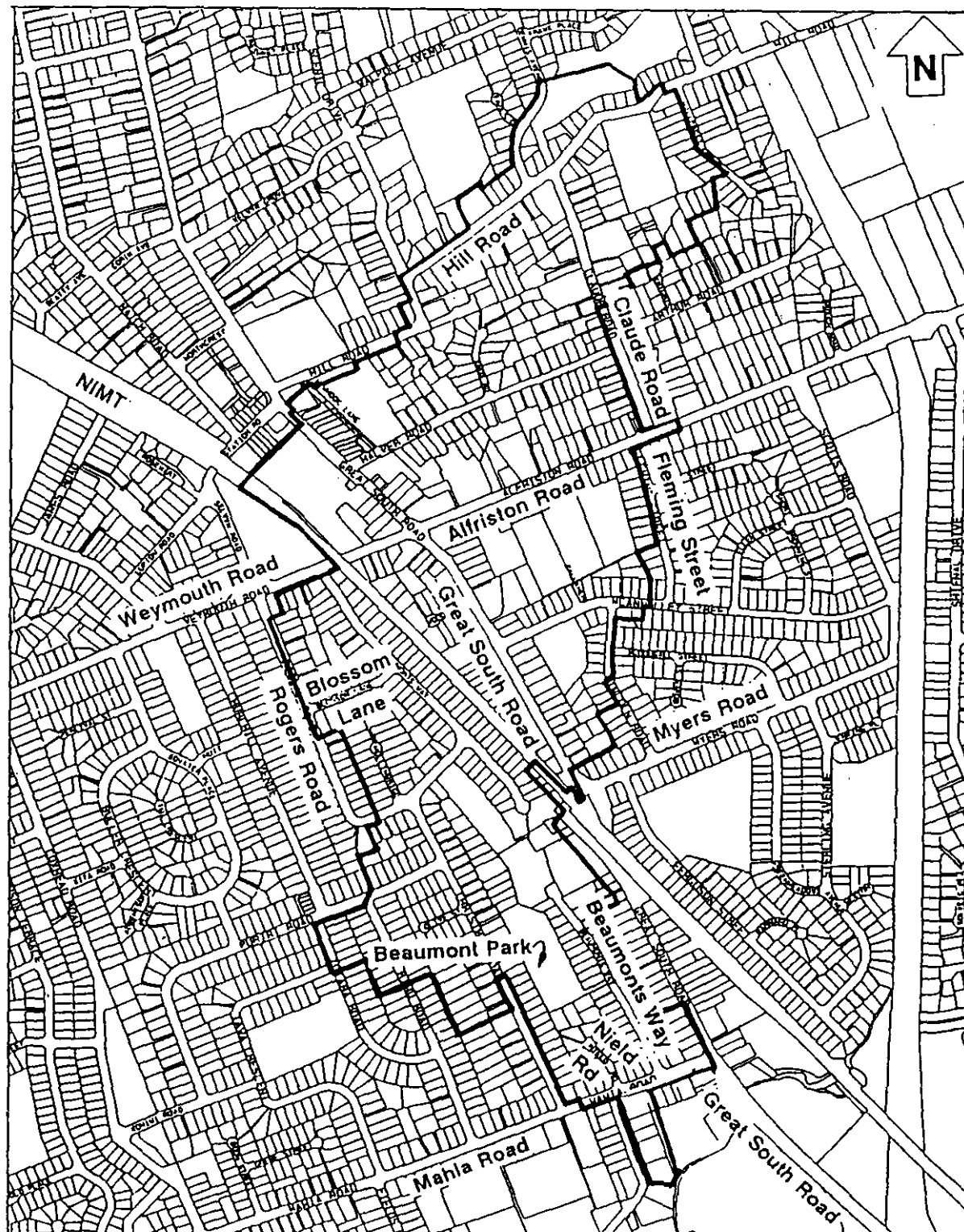
**COMMENTS:**

53% max. impervious area.

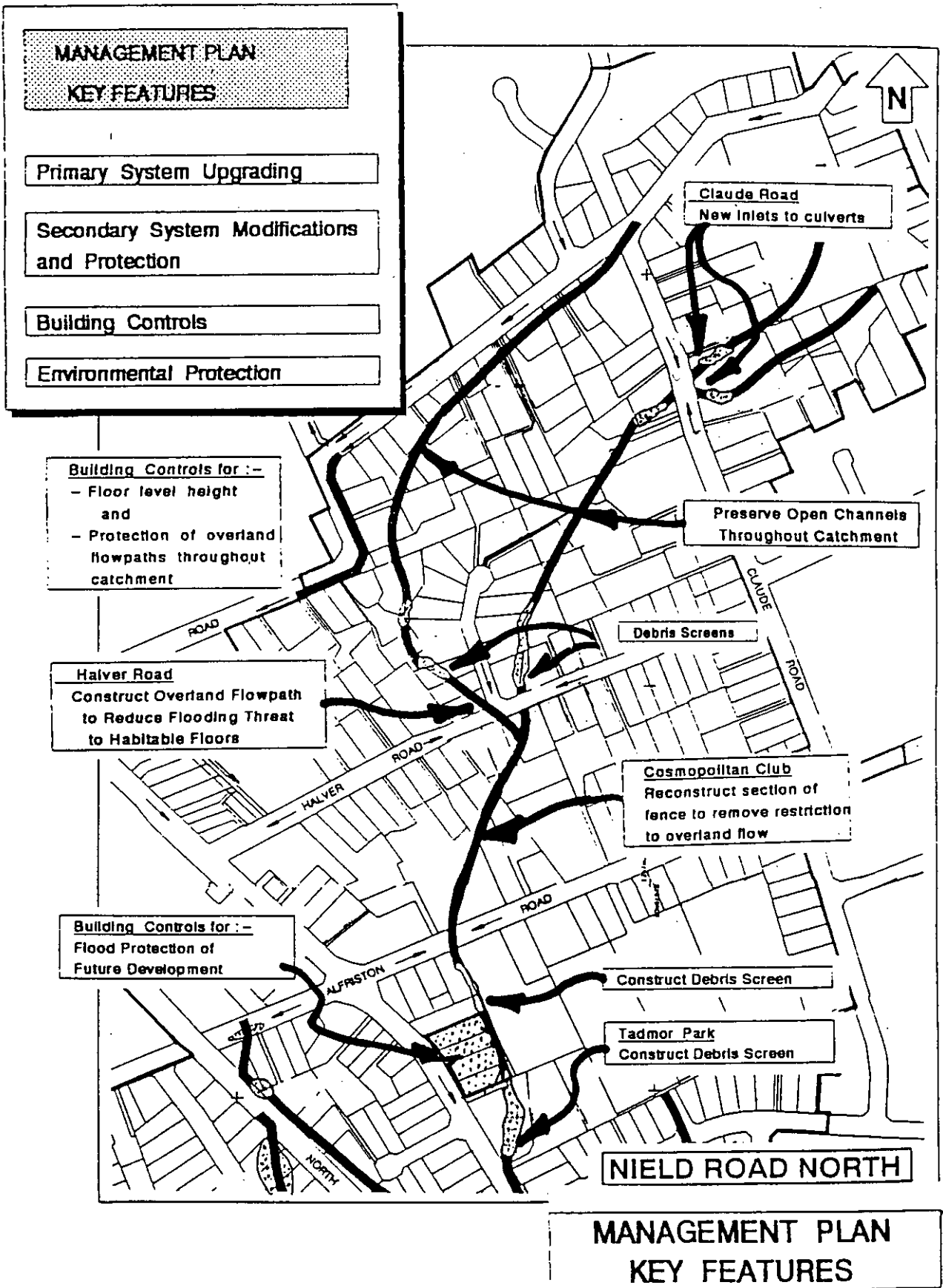
*Diagrams Included:* Nield Rd. Catchment Location and Layout  
Management Plan Key Features (Fig 2-2a)  
Flood Hazard Map (including overland flow paths)

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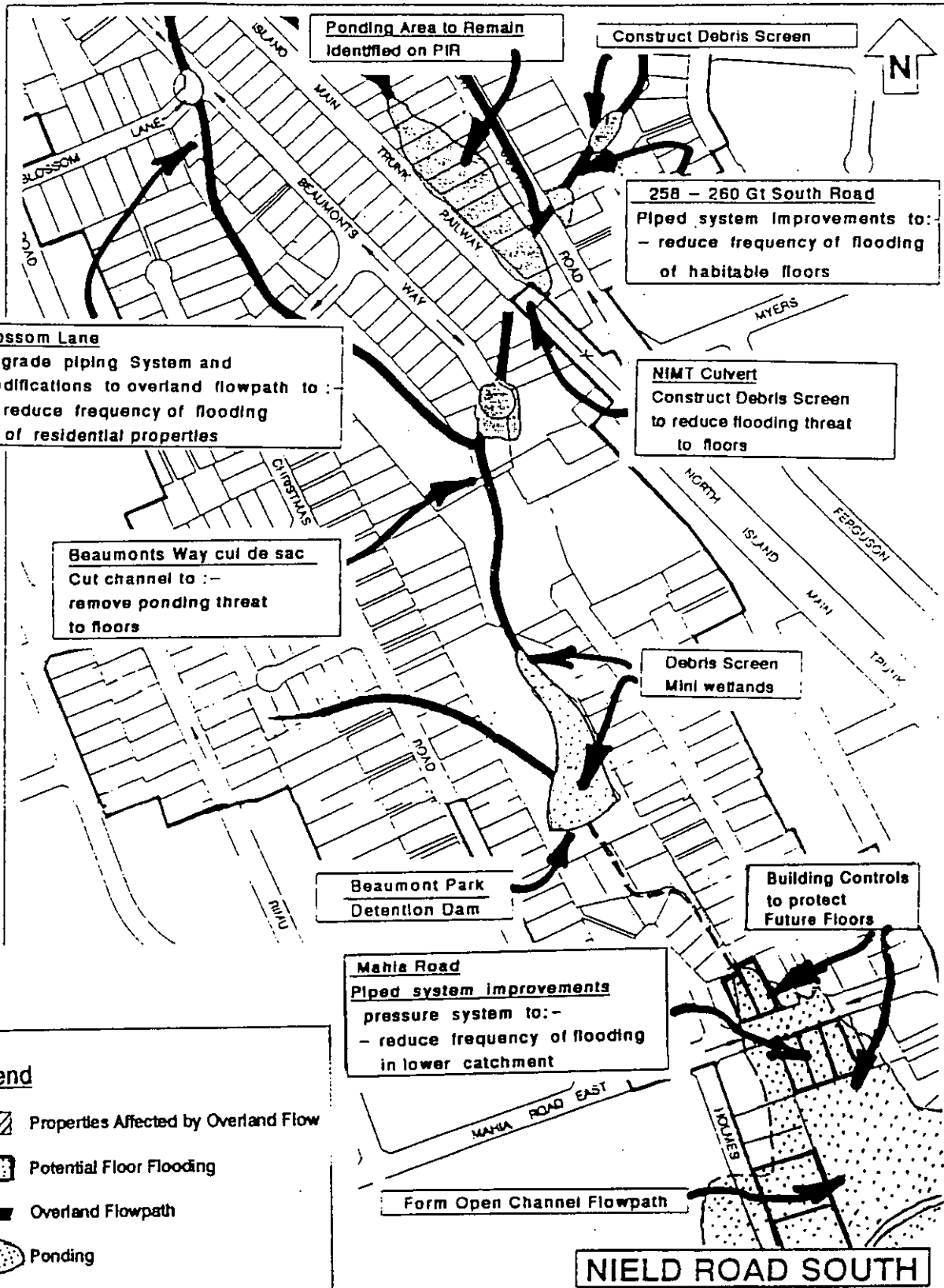
\*Refer to Financial Contributions Register for updated figures.



NIELD ROAD CATCHMENT



**NIELD ROAD CATCHMENT MANUREWA**



**Blossom Lane**  
 Upgrade piping System and Modifications to overland flowpath to :-  
 - reduce frequency of flooding of residential properties

**Beaumonts Way cul de sac**  
 Cut channel to :-  
 - remove ponding threat to floors

**Beaumont Park Detention Dam**

**Mahia Road**  
 Piped system improvements pressure system to :-  
 - reduce frequency of flooding in lower catchment

Construct Debris Screen

**258 - 260 Gt South Road**  
 Piped system Improvements to :-  
 - reduce frequency of flooding of habitable floors

**NIMT Culvert**  
 Construct Debris Screen to reduce flooding threat to floors

Debris Screen  
 Mini wetlands

Building Controls to protect Future Floors

Form Open Channel Flowpath

**NIELD ROAD SOUTH**

**Legend**

- Properties Affected by Overland Flow
- Potential Floor Flooding
- Overland Flowpath
- Ponding

Q 1% 1% AEP Overland Flows (cu.m/s)  
 Q 20% 20% AEP Overland Flows (cu.m/s)

**MANAGEMENT PLAN  
 KEY FEATURES**

**NIELD ROAD CATCHMENT MANUREWA**

