

COMPREHENSIVE DISCHARGE REGISTER

CWR NO.106 & 109

TITLE: Rowandale and Becker Catchments.

WATER RIGHT/RESOURCE CONSENT No.-

COMPREHENSIVE DISCHARGE CONSENT No.-

EXPIRY DATE: -

CATCHMENT SIZE: Rowandale - 166 ha. Becker - 35 ha.

POINT OF DISCHARGE:

Refer to Comprehensive Flood Management Plan (pg. 9, fig 1)(5 outfalls).

PEAK DISCHARGE:

Refer to Comprehensive Flood Management Plan (pg. 21).

PRIMARY DESIGN STANDARD: 20% AEP.

SECONDARY DESIGN STANDARD: 1% AEP.

FLOOR LEVEL RESTRICTION:

0.5m above 1% AEP, where flowpath is intercepted by roadways 0.5m above the flood level across the roadway, 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*

*Refer to Financial Contributions Register for updated figures.

PROPOSED WORK: Refer to accompanying Flood Management Plan (Fig 3).

COST:*

Description	Cost (\$)
John Walker Drive Reserve	25,000
Culvert blockage protection (x3)	15,000

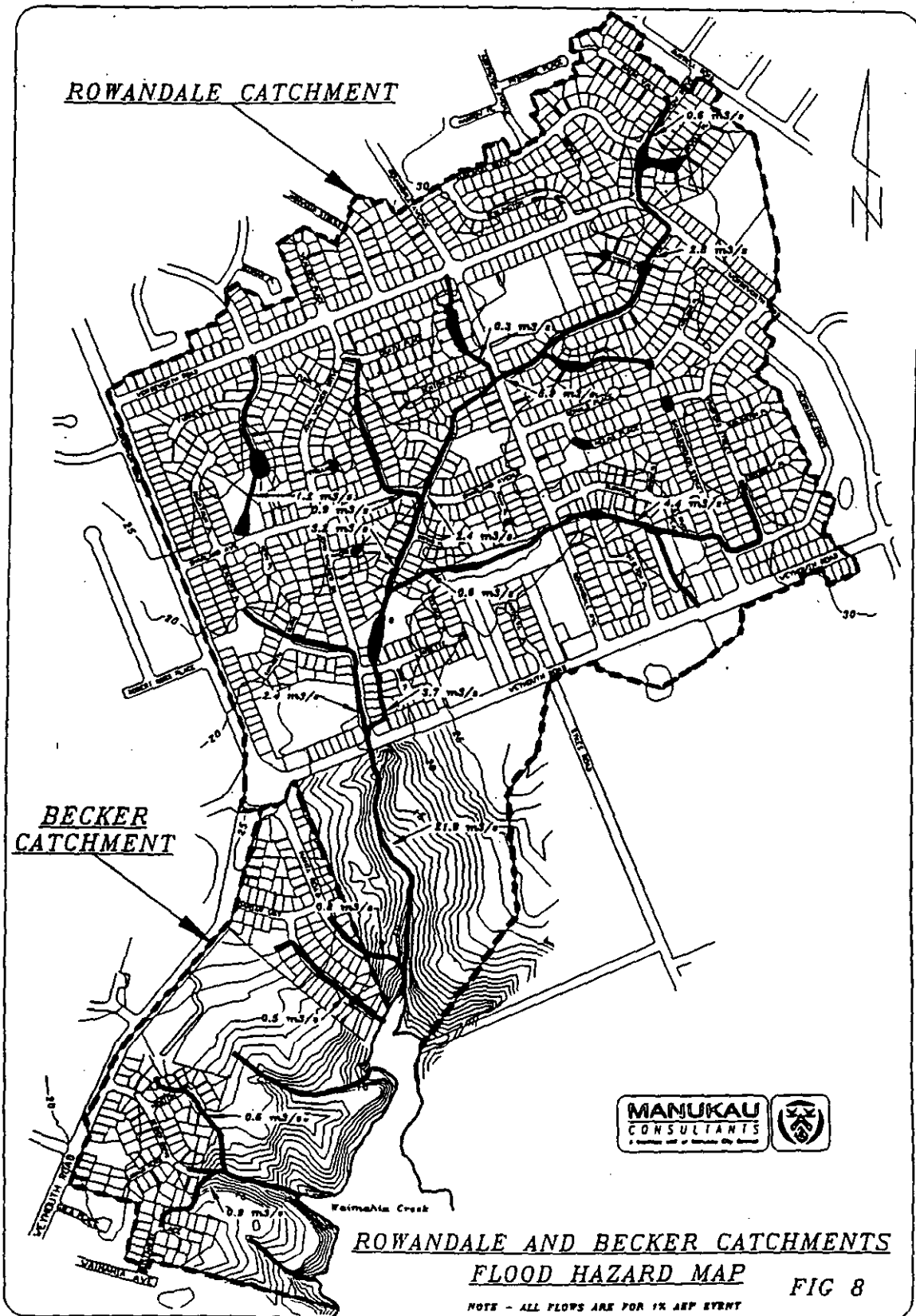
\$40,000 (approx.)(excluding both design costs and GST), as at June 1993.

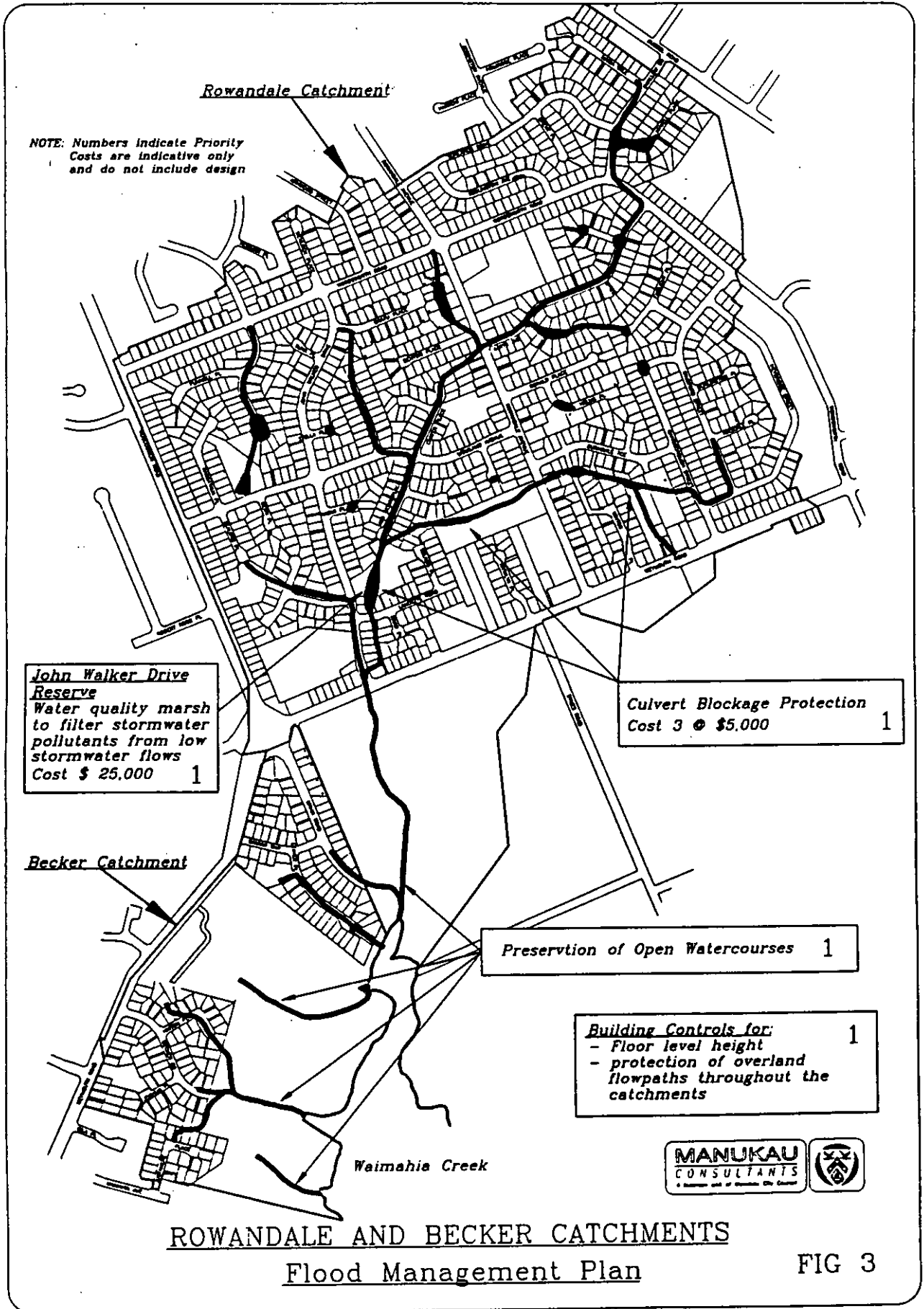
COMMENTS:

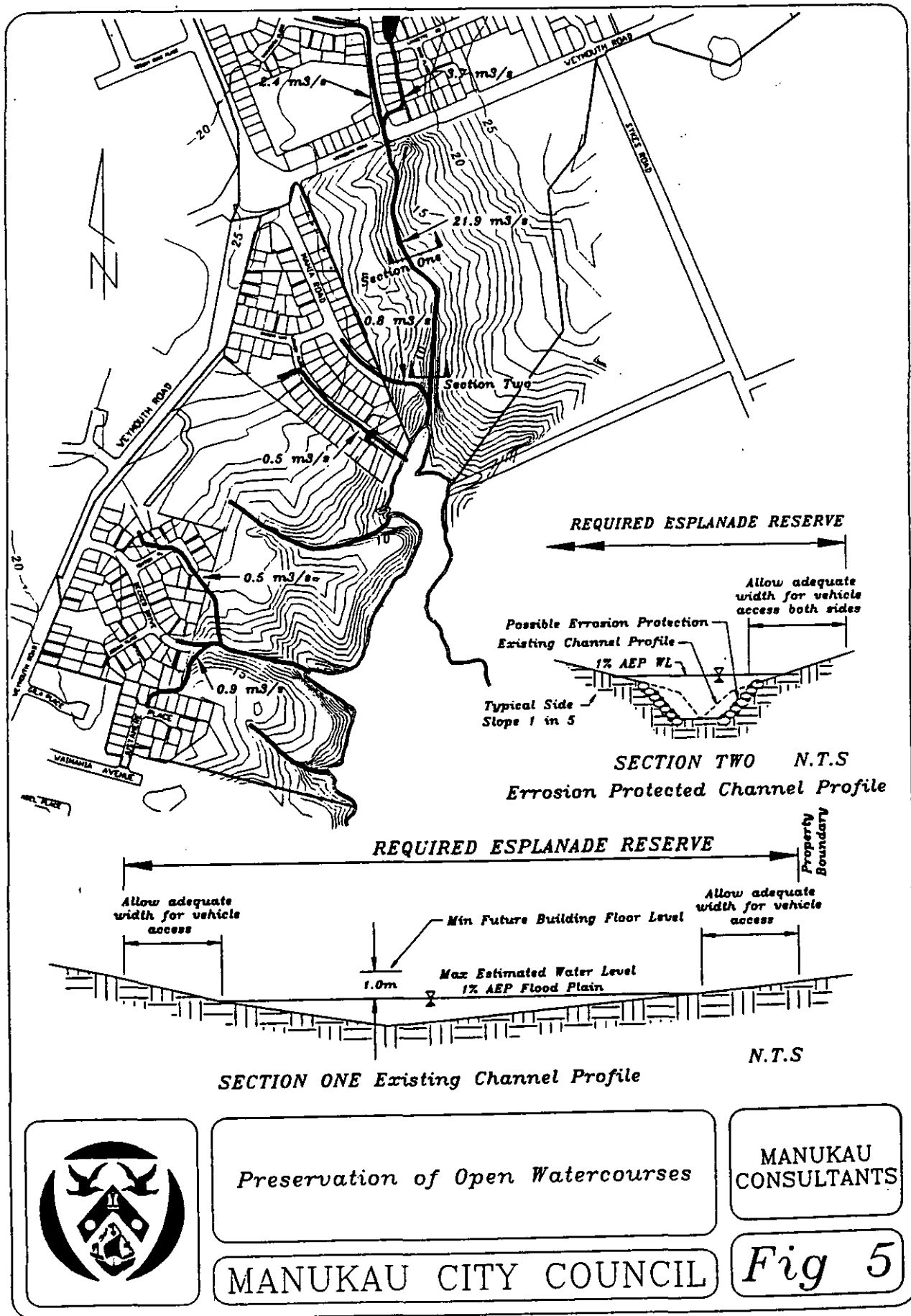
41% max. impervious surface cover, at present there is 26% impervious surface cover.

Diagrams Included: Flood Hazard Map (Fig. 8)
 Flood Management Plan (Fig. 3)
 Preservation of Open Watercourses Design Detail (Fig. 5)

*Refer to Financial Contributions Register for updated figures.







Preservation of Open Watercourses

MANUKAU CITY COUNCIL

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Fig 5