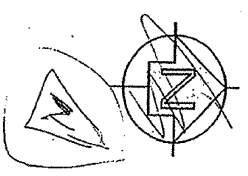


LEGEND:

NEW IRRIGATION WATER SUPPLY PIPE BY KGRIL

NEW WATERSUPPLY PIPE BY TDC

EXISTING PIPE



1. ALL WATER SUPPLY ENGINEERING WORKS WILL COMPLY WITH THE REQUIREMENTS OF THE RESOURCE MANAGEMENT ACT AND THE NEW ZEALAND BUILDING ACT.
2. FINAL PROVISIONS OF THE RESERVATIONS WILL BE COMPLETED WITHIN 12 MONTHS OF THE DATE OF THIS PLAN.
3. RESERVATION CAPACITIES ARE DETERMINED ON A POPULATION BASIS WHERE THE RESERVE VOLUME EQUALS THE TOTAL NUMBER OF HOUSEHOLDS MAINTAINED BY A SINGLE DWS USAGE.
4. THE NUMBER OF HOUSEHOLDS IN EACH AREA IS REPRESENTED BY THE NUMBER OF HOUSES SHOWN ON THE PLAN.
5. THE EXISTING RESERVE VOLUME EQUALS 200000 GAL (757m³).
6. A RIGHT OF WAY WILL BE PLACED OVER ALL ROADS IN FAVOUR OF THE RESERVE FOR THE PURPOSES OF ACCESS FOR MAINTENANCE.
7. ESTIMATED LEVEL OF EXISTING RESERVE EQUALS 45M. THIS RESERVE IS TO BE CONTINUED.
8. PROPOSED RESERVE A WILL BE PLACED BACK TO THE EXISTING TOWN SUPPLY WITH HEADLOSSES ESTIMATED AT 2.5M. THE PROPOSED RESERVE A CAN MAINTAIN WATER SUPPLY TO ALL HOUSES IN THE AREA AND MAINTAIN ALL OF THE MAINTENANCE AREA. THIS WATER SUPPLY AREA IS SHOWN ON THE PLAN AS AREA 2.
9. PROPOSED RESERVE B WILL HAVE A WATER LEVEL CLOSE TO 51.00M. ASSUMING A HEAD LOSS OF 2.5M BETWEEN THE RESERVE B AND RESERVE A, THIS WATER SUPPLY AREA IS SHOWN ON THE PLAN AS AREA 1.
10. COUNCIL HAS AGREED TO RELINQUISH 100% OF THE COST OF FAVOURITE FOR DEVELOPMENT OF LAND. THE FAVOURITE UPPER LIMIT RESERVE WORKING PRESSURE OF 10000Pa.
11. RESERVE C WILL SUPPLY WATER TO CONCRETE TANKS IN THE AREA SHOWN ON THE PLAN AS AREA 3. THIS WATER SUPPLY AREA IS SHOWN ON THE PLAN AS AREA 3.
- 12.
- 13.
14. ALL GRANT PIPES ARE 100MM UNLESS STATED OTHERWISE.
15. ALL IRONING LINES WILL BE DESIGNED TO MEET A VELOCITY OF 1.0m/s - 1.5m/s.

Drawn	Check	Date
		11 December 2001

Scale 1 : 5000 (A1 Original)

CHEAL CONSULTANTS
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Client
Kinloch Golf Resort Limited

Project
Kinloch Golf Resort

Drawing Title
WATER SUPPLY CONCEPT

Drawing Status
DRAFT

Drawing Number
2001-192-200

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