NEW RESERVOIR 500m³ EL 523 TWL (INDICATIVE LOCATION ONLY)

PROPOSED HIGH ZONE

WATER RETICULATION IN FUTURE DEVELOPMENT AREAS TO BE PROVIDED BY DEVELOPERS

BOOSTER PUMP STATION (INDICATIVE LOCATION ONLY)

NEW 200ø GRAVITY MAIN

TO BE CONSTRUCTED BY KINLOCH GOLF COURSE DEVELOPMENT

NEW RESERVOIR 500m³ (TWL 500m) LIKELY TO BE LOCATED ON DOC LAND.

PROPOSED MEDIUM ZONE 2

WATER RETICULATION IN FUTURE DEVELOPMENT AREAS TO BE PROVIDED BY DEVELOPERS

PROPOSED EXPANDED KINLOCH LOW ZONE

NEW 200ø GRAVITY MAIN FROM RESERVOIR

WATER RETICULATION IN FUTURE DEVELOPMENT AREAS TO BE PROVIDED BY DEVELOPERS

PROPOSED MEDIUM ZONE 1

PROPOSED ZONE BOUNDARY

EXISTING KINLOCH LOW ZONE

PROPOSED ZONE BOUNDARY

LISLAND DEVELOPMENT

ZONE BOUNDARY VALVE

150ø

150ø

PROPOSED HIGH ZONE REQUIRES BOOSTER PUMPING

FUTURE CONNECTION

NEW 200ø MAIN TO WHANGAMATA ROAD SUPPLIED BY BOTH RESERVOIR AND PUMP STATION

LOCH EAGLES DEVELOPMENT

NEW 200ø PVC TO PUMP STATION

EXISTING 150ø MAINS TO BE REPLACED BY 200ø, 100ø SECTIONS TO BE LEFT IN PLACE BETWEEN RESERVOIR AND TOHE CUL DE SAC

NEW 1000m³ STORAGE RESERVOIR (TWL 500m)

EXISTING INTAKE AND PUMP STATION. (NEW DUPLICATE INTAKE STRUCTURE, ADD PUMP, UPGRADE ELECTRICAL SUPPLY

NEW PUMP STATION)

NEW 200ø BOOSTER MAIN (TO RESERVOIR)

EXISTING 150ø RISING AND FALLING MAINS. TO BE UPGRADED.

EXISTING RESERVOIR (400m³)

NEW 200ø WATERMAIN CONNECTING TO EXISTING 200ø MAIN IN BOOJUM DELL

NOTE:

ONLY TRUNK WATER RETICULATION SHOWN FOR CLARITY

KEY

- STRUCTURE PLAN BOUNDARY
- ZONE BOUNDARY
- RESIDENTIAL DEVELOPMENTS
- PROPOSED LOW ZONE WATERMAIN
- PROPOSED MEDIUM/ HIGH ZONE WATERMAIN
- EXISTING WATER MAIN

REF	AMENDMENT	BY	DATE
A	EXPANDED LOW ZONE	JAH	13/09/04

DESIGNED: MJG	DATE: AUG/2004	SIGNATURE:
DRAWN: BB	DATE: AUG/2004	SIGNATURE:
CHECKED:	DATE:	SIGNATURE:
APPROVED:	DATE:	SIGNATURE:

PLOT DATE: 09.08.04
CAD REF: 16237-WS302.DWG
CAD XREF:
SURVEY BY:
SURVEY DATE:
SDR REF:

ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND — ISO 9001 QUALITY ASSURED

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PROJECT: TAUPO DISTRICT COUNCIL KINLOCH STRUCTURE PLAN

TITLE: KINLOCH WATER SUPPLY INFRASTRUCTURE CONCEPT PLAN - STAGE 2

PLOT STATUS:

PROJECT No: 04.16237.1

SCALES: 1:10000 - A1, 1:20000 - A3

A1

DRAWING No: 16237-WS302

REV A