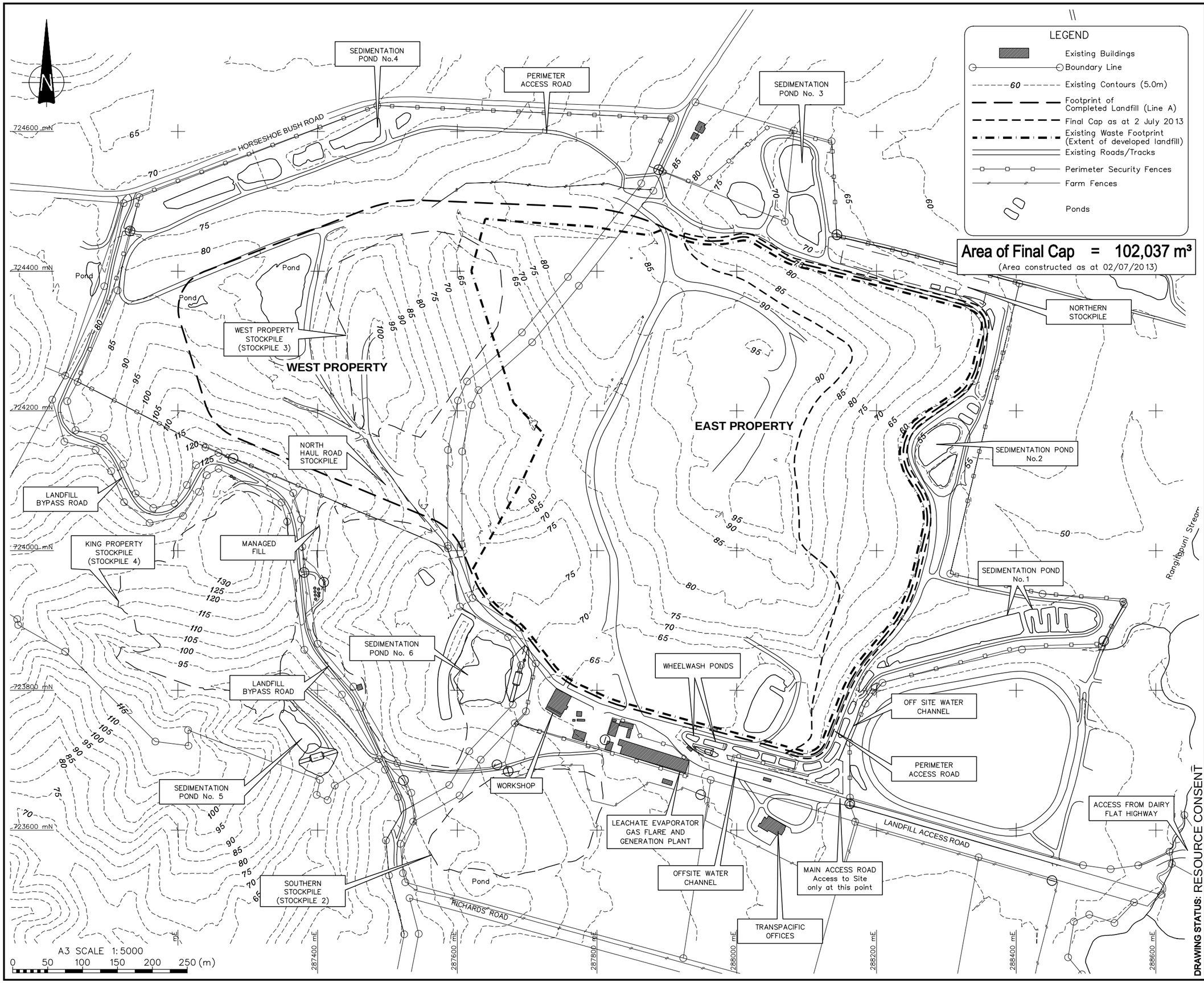
# Appendix B Figures




NOTES :

1. All dimensions are in metres unless noted otherwise.
2. Existing features, aerial photography and details are as at 29th August 2012. (Precision Aerial Surveys). Contours amended by waste ground surveys.
3. Coordinate Datum: NZ Geodetic 1949
   Mt Eden Circuit Coordinates
   Origin: Mt Eden 16
   700,000 mN
   300,000 mE
   Level Datum: LINZ (MSL)
   Auckland Vertical Datum 1946

| | | | |
|---|---|---|---|
| A | Resource Consent Issue | | |
| REVISION DESCRIPTION | | BY | DATE |
| DESIGNED : | | AWS | Jul. 13 |
| DRAWN : | | JWP | Jul. 13 |
| DESIGN CHECKED : | | [illegible] | 11/13 |
| DRAFTING CHECKED : | | RBS | 11/13 |

REFERENCE :

CADFILE : \\29331.200-02.dwg

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TRANSPACIFIC INDUSTRIES GROUP (NZ) LTD

# REDVALE LANDFILL

## CONSENT RENEWAL

## Overall Site Layout & Extent Of Works

DRAWING STATUS: RESOURCE CONSENT

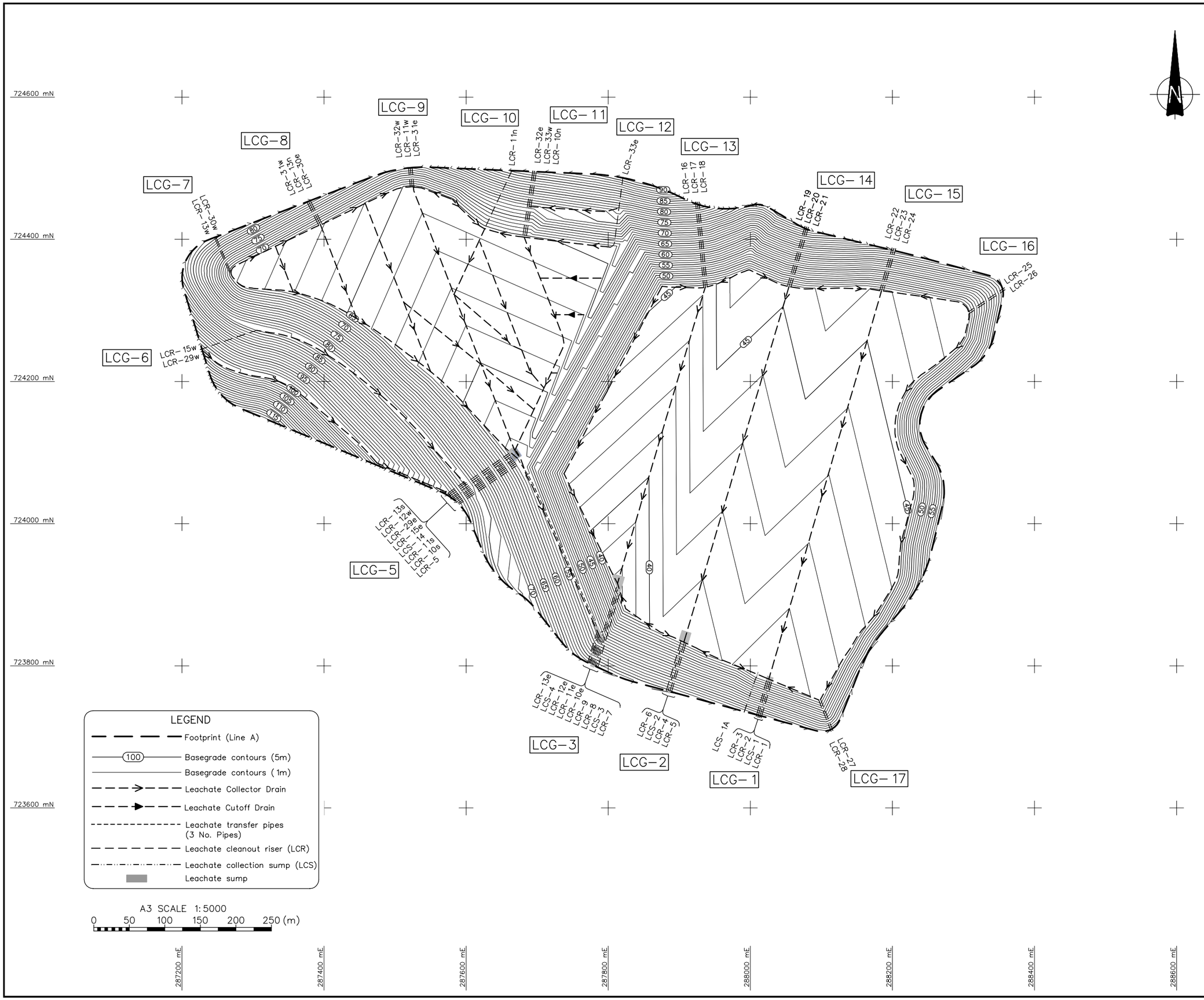
SCALES (AT A3 SIZE) 1:5000

DWG. No. 29331-02

REV. A

L:\29331\WorkingMaterial\CAD\DWG\29331.200-02.dwg, 02, 26/11/2013 3:52:53 p.m., RBS, 1:1

**FIGURE B1**




NOTES :

1. All dimensions are in metres unless noted otherwise.
2. Coordinate Datum: NZ Geodetic 1949
   Mt Eden Circuit Coordinates
   Origin: Mt Eden 16
   700,000 mN
   300,000 mE
   Level Datum: LINZ (MSL)
   Auckland Vertical Datum 1946
3. Basegrade contours are from Basegrade 2010
4. Leachate drains are approximate only and are subject to detailed design related to each phase of construction.

| | | | |
|---|---|---|---|
| A | Resource Consent Issue | | |
| REVISION DESCRIPTION | | BY | DATE |
| DESIGNED : | | AWS | Jul. 13 |
| DRAWN : | | JWP | Jul. 13 |
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| DRAFTING CHECKED : | | ABS | 11/13 |
| REFERENCE : | | | |

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TRANSPACIFIC INDUSTRIES GROUP (NZ) LTD

REDVALE LANDFILL

CONSENT RENEWAL

Leachate Collection Layout Plan

DRAWING STATUS: RESOURCE CONSENT

SCALES (AT A3 SIZE)
AS SHOWN

DWG. No. 29331–04

REV. A

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FIGURE B2

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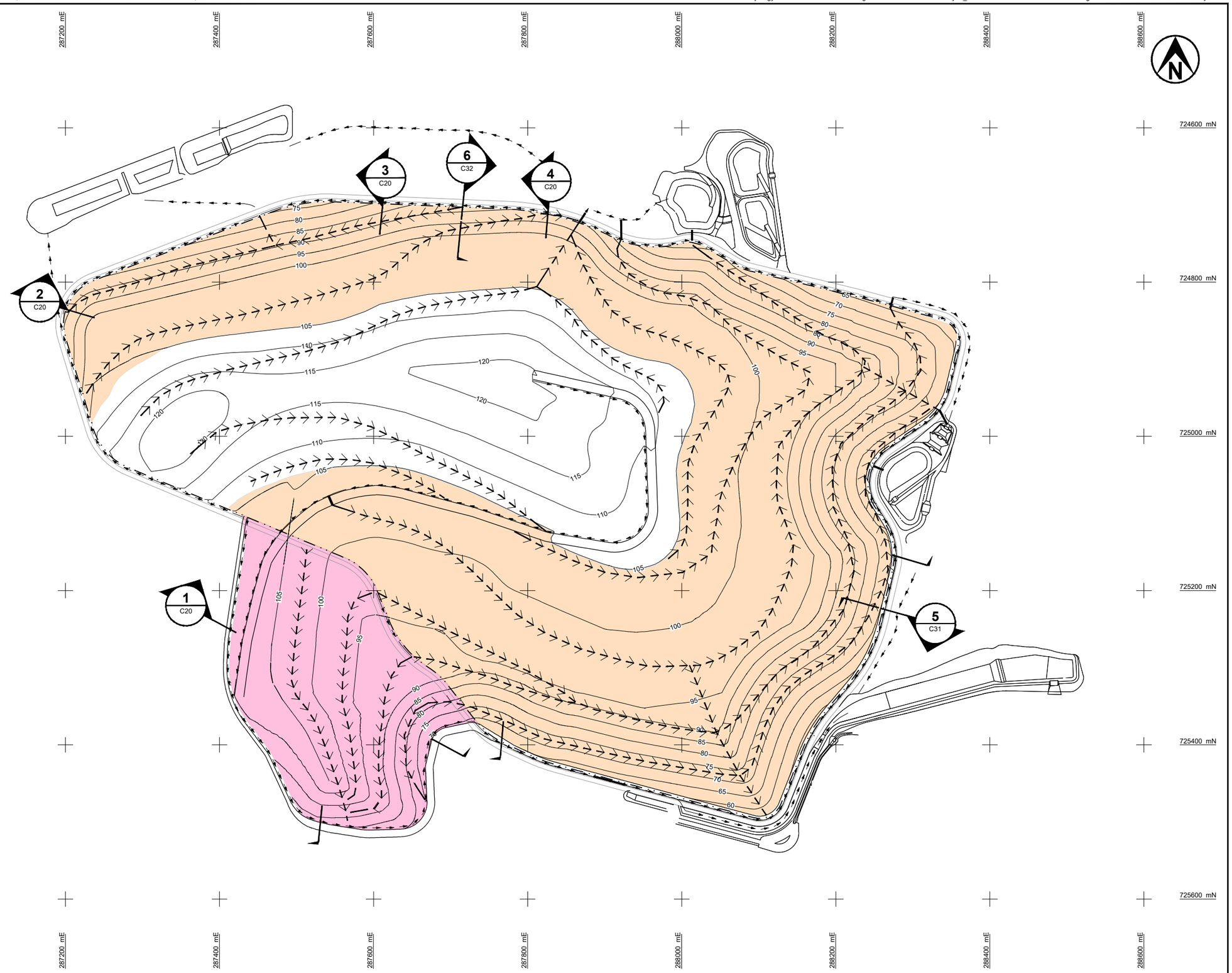
C:\12dSynergy\data\ALBTCAD\Auckland Regional Landfill – Transition Project_1847\CAD\DWG\1092369.3000-C14.dwg 2025-Jun-16 11:52:39 am Plotted By: KATU

## NOTES

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. COORDINATE SYSTEM: NZGD1949, MT EDEN CIRCUIT.
3. LEVEL DATUM: AUCKLAND 1946.
4. EXISTING SEDIMENTATION PONDS, STOCKPILES, ROADS, BUILDINGS AND LANDFILL PHASES ARE AS AT SEPTEMBER 2019 (PHASE 21/22B/22C DEVELOPMENT CONSTRUCTION DRAWINGS).
5. CONSENT FINAL CAP CONTOURS ARE FROM SURFACE TIN "CAP 2008".
6. CAP DRAIN LOCATIONS ARE APPROXIMATE ONLY AND ARE SUBJECT TO DETAILED DESIGN FOR SETTLEMENT.
7. GROSS AIRSPACE (ENGINEERING) IS THE AIRSPACE BETWEEN THE BASEGRADE AND THE UPPER SURFACE OF THE FINAL CAP.

## LEGEND

- 100 — FINAL CAP CONTOURS (5.0m)
- EXTENT OF WASTE OVERLAY WITHIN EXISTING LANDFILL
- EXTENT OF CLASS 2 LANDFILL CAP
- FOOTPRINT - LINE A (CONSENTED BASEGRADE EXTENT)
- CONSENT DESIGN PERIMETER ROAD
- PROPOSED ROAD
- CAP DRAINS
- STORMWATER DRAINS
- CULVERTS




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| 1 | RESOURCE CONSENT ISSUE | KATU | | | | |

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| DRAWN | KATU | Mar.25 | PROJECT PHASE: CONCEPT DESIGN |
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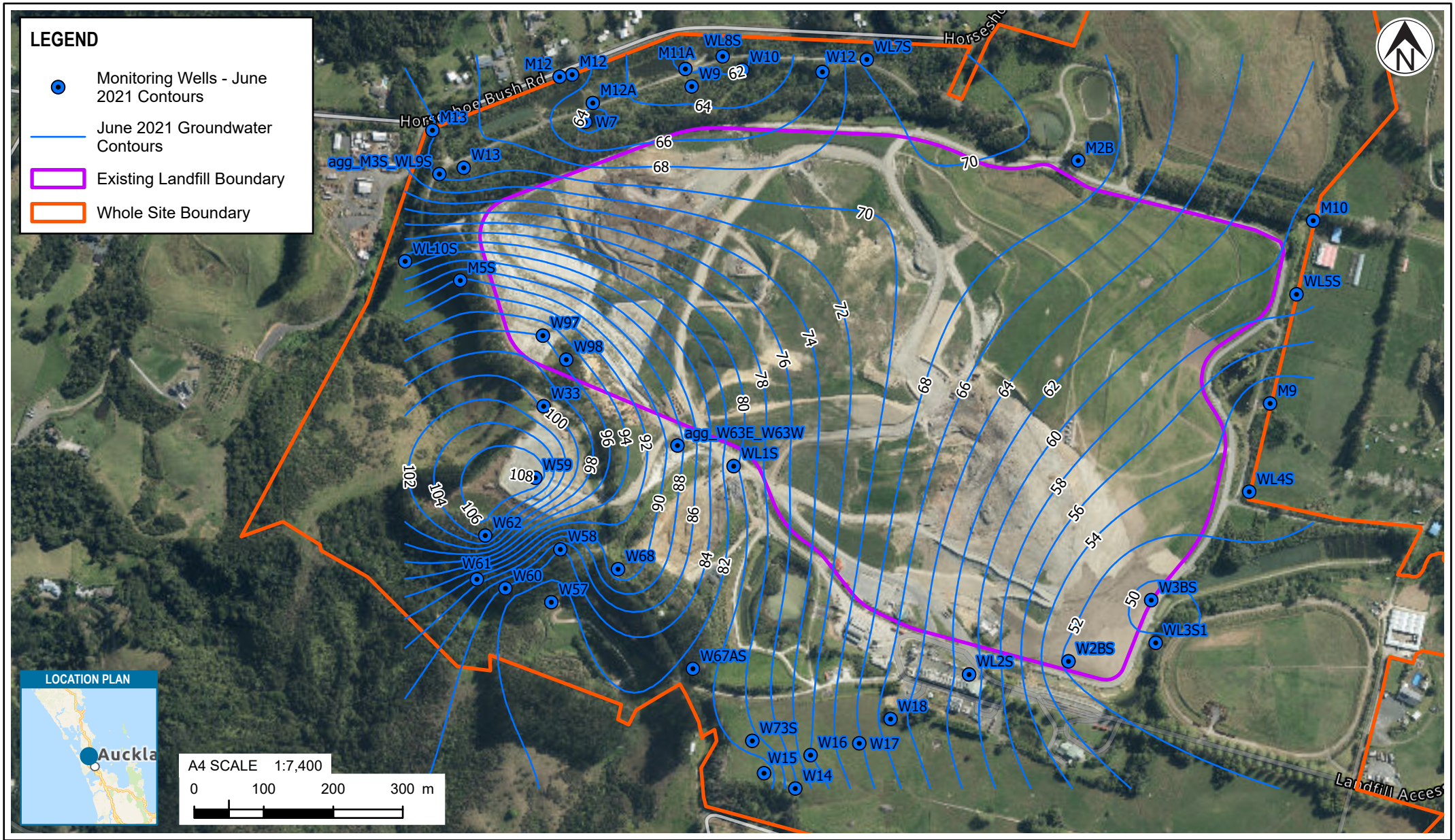
PROJECT **REDVALE LANDFILL EXPANSION**

TITLE PROPOSED FINAL CONTOURS AND DRAINAGE LAYOUT AND SECTION LOCATIONS

SCALE (A1) 1:2500 DWG No. 1092369.6000 - Figure B3 REV 1

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\\FS-K-PROJ-1\AKLProjects\1092369\1092369.6000\WorkingMaterial\12_GIS\GroundwaterMapping\GroundwaterMapping\GroundwaterMapping.aprx Layout: June2021contours_fig 2026-Jul-08 8:21 am Drawn by HARO




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*Exceptional thinking together*

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|---|---|---|
| First version (25/06/25) | 0 | HARO |

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|---|---|---|
| PROJECT No. | 1092369.6000 | |
| DESIGNED | HARO | JUL.26 |
| DRAWN | HARO | JUL.26 |
| CHECKED | LP | JUL.26 |
| APPROVED | | DATE |

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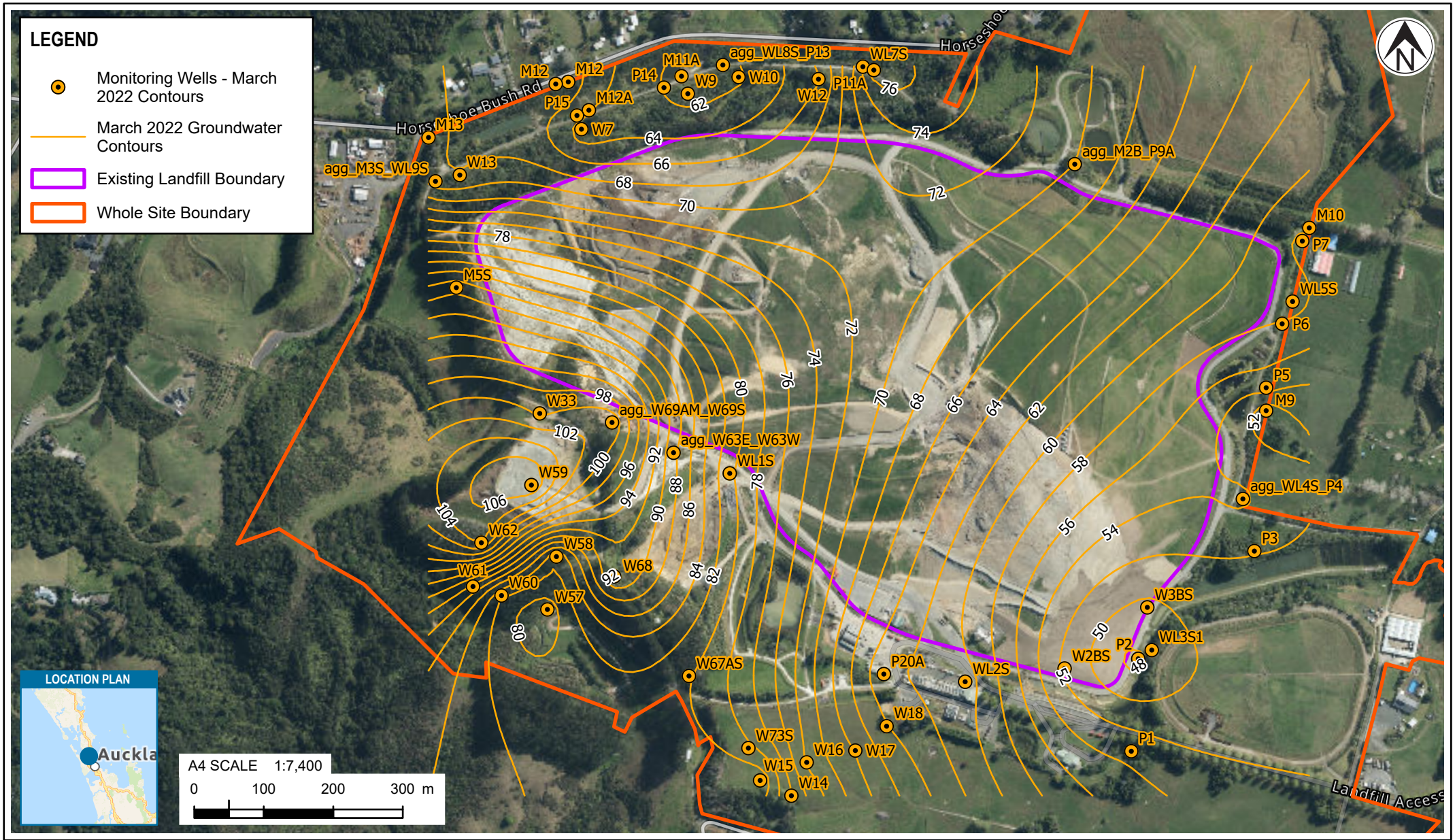
PROJECT **REDVALE LANDFILL EXPANSION**

TITLE JUNE 2021 GROUNDWATER CONTOURS
M RL

SCALE (A4) 1:7,400 FIG No. FIGURE B6. REV 0

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| CHECKED | LP | JUL.26 |
| APPROVED | DATE | |

CLIENT **WM NEW ZEALAND**

PROJECT **REDVALE LANDFILL EXPANSION**

TITLE MARCH 2022 GROUNDWATER CONTOURS
M RL

SCALE (A4) 1:7,400 FIG No. FIGURE B7. REV 0

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\\FS-K-PROJ-1\AKLProjects\1092369\1092369.6000\WorkingMaterial\12_GIS\GroundwaterMapping\GroundwaterMapping\GroundwaterMapping.aprx Layout: Nov2024contours_fig 2026-Jul-08 8:21 am Drawn by HARO




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| APPROVED | DATE | |

CLIENT **WM NEW ZEALAND**

PROJECT **REDVALE LANDFILL EXPANSION**

TITLE NOVEMBER 2024 GROUNDWATER CONTOURS M RL

SCALE (A4) 1:7,000 FIG No. FIGURE B8. REV 0

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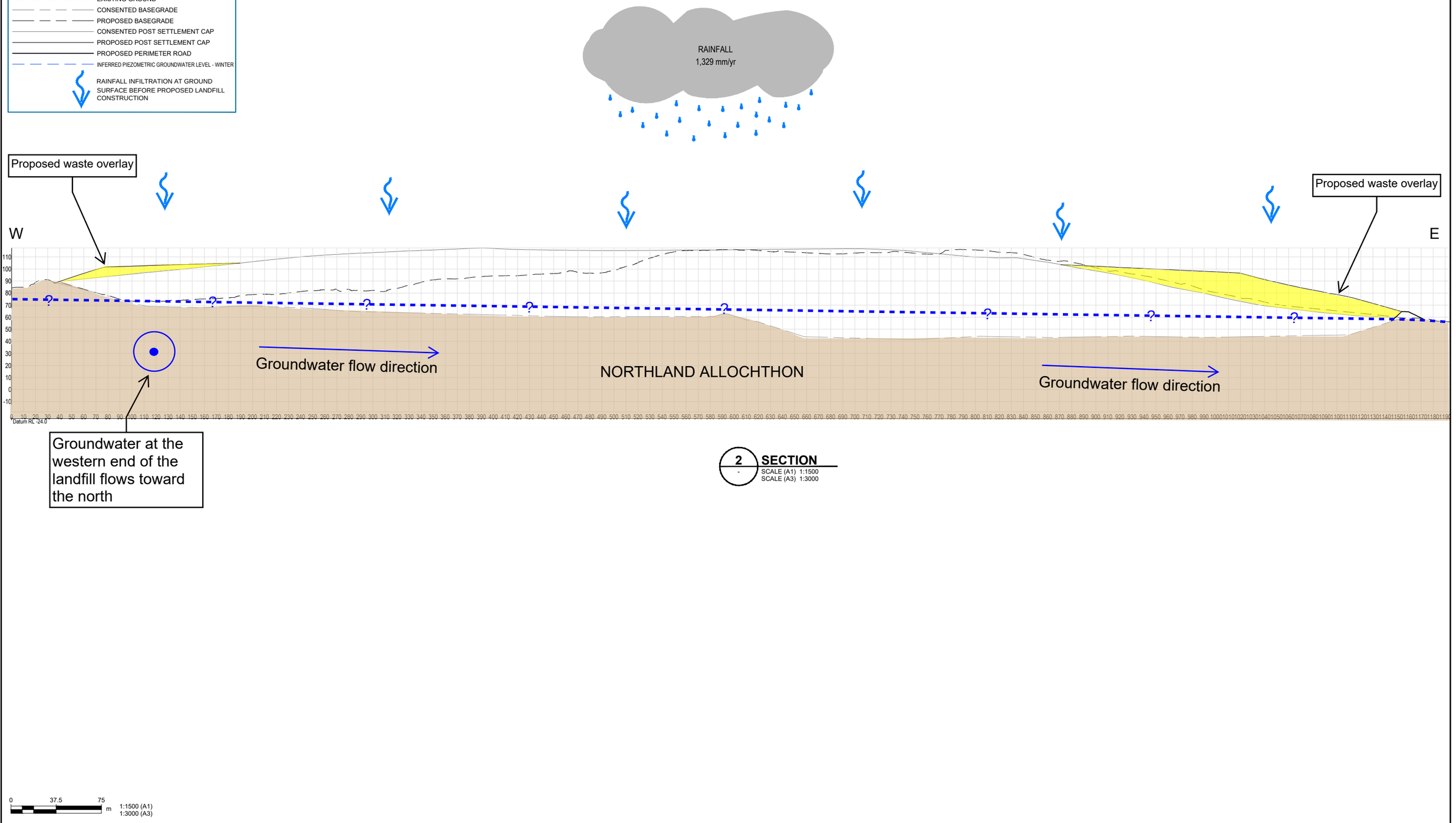
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## NOTES

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. COORDINATE SYSTEM: NZGD1949, MT EDEN CIRCUIT.
3. LEVEL DATUM: AUCKLAND 1946.

## LEGEND

- EXISTING GROUND
- CONSENTED BASEGRADE
- PROPOSED BASEGRADE
- CONSENTED POST SETTLEMENT CAP
- PROPOSED POST SETTLEMENT CAP
- PROPOSED PERIMETER ROAD
- INFERRED PIEZOMETRIC GROUNDWATER LEVEL - WINTER
- RAINFALL INFILTRATION AT GROUND SURFACE BEFORE PROPOSED LANDFILL CONSTRUCTION




2 - **SECTION**
SCALE (A1) 1:1500
SCALE (A3) 1:3000

0 37.5 75 m
1:1500 (A1)
1:3000 (A3)

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|---|---|---|---|---|---|---|
| 1 | RESOURCE CONSENT ISSUE | KATU | | | | |

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| DESIGNED | KJUN | Mar.25 |
| DRAWN | HARO | Mar.25 |
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| DRAWING CHECKED | LP | Jul.25 |

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PROJECT PHASE: CONCEPT DESIGN

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PROJECT **REDVALE LANDFILL EXPANSION**
TITLE CONCEPTUAL HYDROGEOLOGICAL MODEL: EXISTING LANDFILL
SCALE (A1) AS SHOWN DWG No. 1092369.6000 - Figure B4 REV 1

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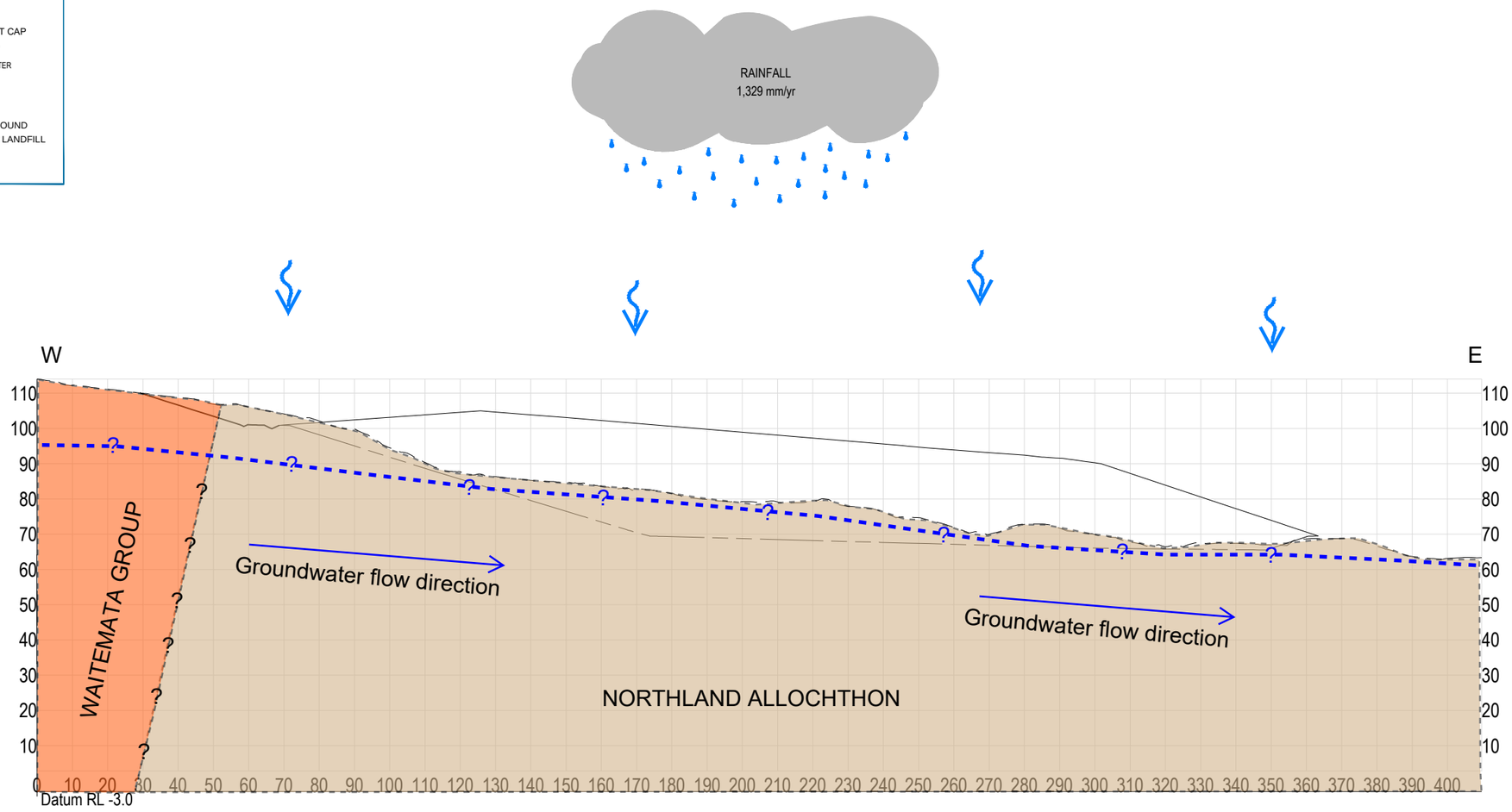
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## NOTES

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. COORDINATE SYSTEM: NZGD1949, MT EDEN CIRCUIT.
3. LEVEL DATUM: AUCKLAND 1946.

## LEGEND

- EXISTING GROUND
- PROPOSED BASEGRADE
- PROPOSED POST SETTLEMENT CAP
- PROPOSED PERIMETER ROAD
- INFERRED GROUNDWATER LEVEL - WINTER
- RAINFALL INFILTRATION AT GROUND SURFACE BEFORE PROPOSED LANDFILL CONSTRUCTION




1 - **SECTION**
SCALE (A1) 1:750
SCALE (A3) 1:1500

0 18.75 37.5 m
1:750 (A1)
1:1500 (A3)

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|---|---|---|---|---|---|---|
| 1 | RESOURCE CONSENT ISSUE | KATU | | | | |

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PROJECT **REDVALE LANDFILL EXPANSION**

TITLE CONCEPTUAL HYDROGEOLOGICAL MODEL: CLASS 2 LANDFILL EXTENSION

SCALE (A1) AS SHOWN DWG No. 1092369.6000 - Figure B5 REV 1