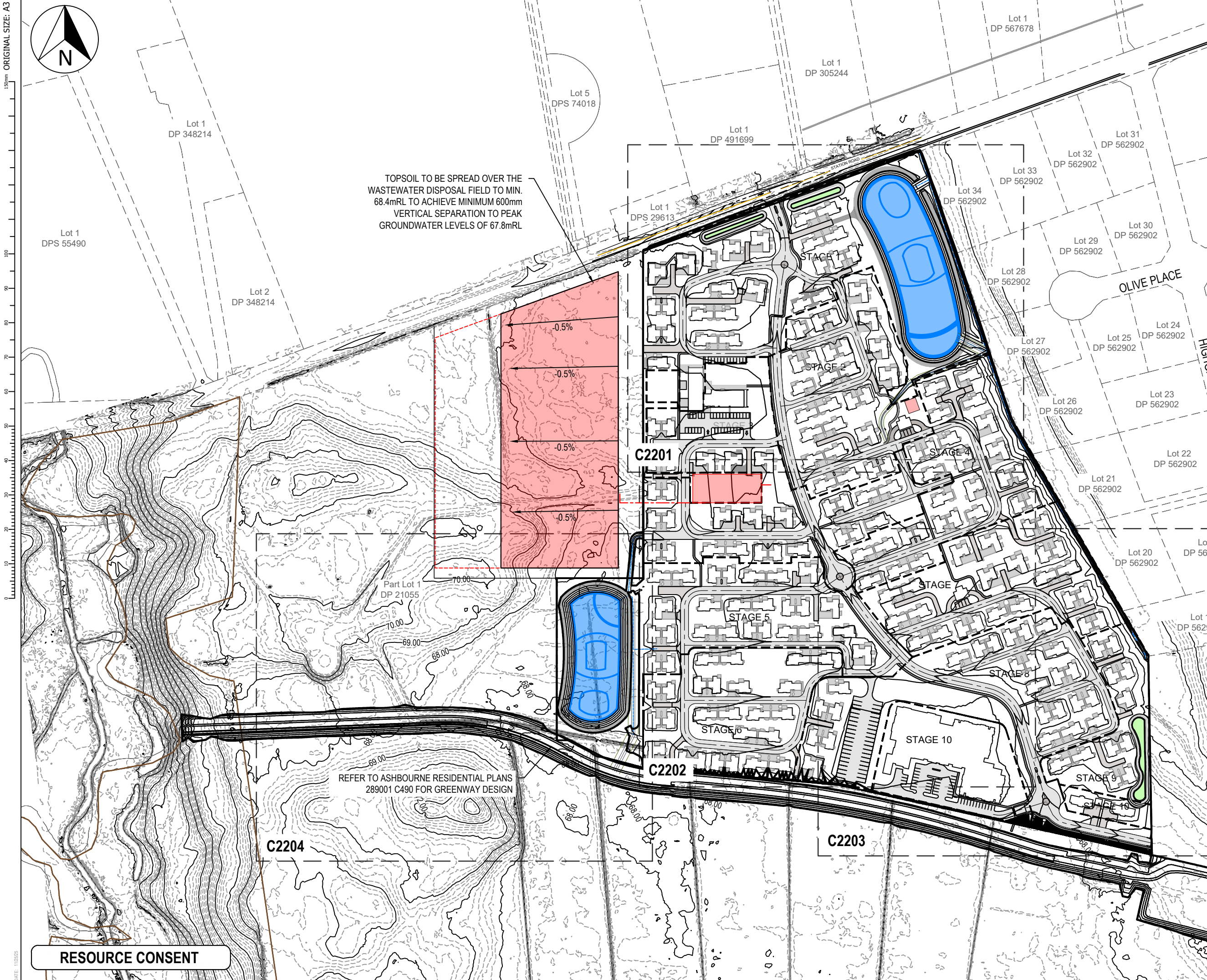


ORIGINAL SIZE: A3



- Notes
1. All works to be in accordance with MPDC and RITS standards.
  2. Co-ordinates in terms of NZ Geodetic Datum Mt Eden 2000.
  3. Reduced Levels are in terms of NZVD 2016.
  4. Contour interval Major 1m Minor 0.2m
  5. It is the contractors responsibility to locate all services that may be affected by their operations.
  6. The contractor shall comply with all relevant Health and Safety requirements.
  7. The contractor shall obtain all necessary approval from utility operators before commencing work under or near their services.
  8. Sediment control shall be installed and operational before earthworks start onsite in accordance with council standards.
  9. Contractor shall provide asbuilt of working sediment control devices and confirmation of pond/decent volumes to engineer.
  10. Sediment control to comply with Waikato Regional Council Erosion and Sediment Control guidelines for soil disturbing activities TR2009/02.

LEGEND

|     |                  |
|-----|------------------|
| --- | EX BDY           |
| --- | PROP BDY         |
| --- | STAGING BDY      |
| --- | EX MAJOR CONTOUR |
| --- | EX MINOR CONTOUR |
| --- | PR MAJOR CONTOUR |
| --- | PR MINOR CONTOUR |

|         |                  |    |         |
|---------|------------------|----|---------|
| D       | RESOURCE CONSENT | YZ | 11/25   |
| C       | RESOURCE CONSENT | YZ | 11/25   |
| B       | FOR CONSENT      | KQ | 04/25   |
| A       | FOR REVIEW       | DP | 01/25   |
| Rev     | Description      | By | Date    |
|         |                  | By | Date    |
| Survey  | MAVEN            |    | 10/2024 |
| Design  | KQ               |    | 04/2025 |
| Drawn   | DP               |    | 04/2025 |
| Checked | SB               |    | 04/2025 |



Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED OVERVIEW  
CONTOUR  
PLAN**

|             |                 |     |   |
|-------------|-----------------|-----|---|
| Project no. | 289001          |     |   |
| Scale       | 1:2500@A3       |     |   |
| Cad file    | C2200 - PGL.DWG |     |   |
| Drawing no. | C2200           | Rev | D |

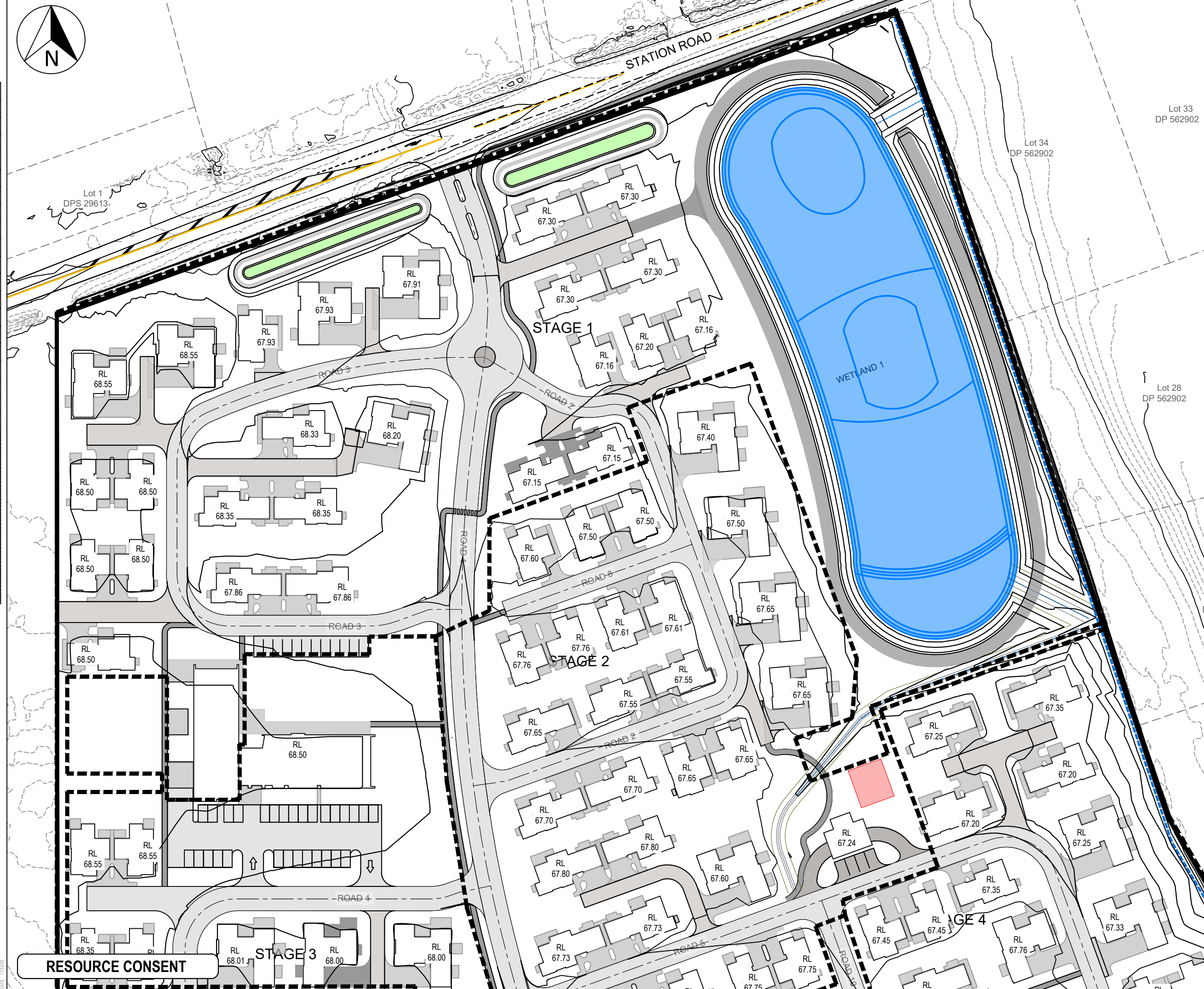
RESOURCE CONSENT

DATE: 11/25/25

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DATE: 11/04/25 ORIGINAL SIZE: A3



Notes

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LEGEND

|             |                  |
|-------------|------------------|
| EX BDY      | EX MAJOR CONTOUR |
| PROP BDY    | EX MINOR CONTOUR |
| STAGING BDY | PR MAJOR CONTOUR |
|             | PR MINOR CONTOUR |

|         |                  |    |         |
|---------|------------------|----|---------|
| D       | RESOURCE CONSENT | YZ | 11/25   |
| C       | RESOURCE CONSENT | YZ | 11/25   |
| B       | FOR CONSENT      | KQ | 04/25   |
| A       | FOR REVIEW       | DP | 01/25   |
| Rev     | Description      | By | Date    |
|         |                  | By | Date    |
| Survey  | MAVEN            |    | 10/2024 |
| Design  | KQ               |    | 04/2025 |
| Drawn   | DP               |    | 04/2025 |
| Checked | SB               |    | 04/2025 |

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Project

**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title

**PROPOSED  
CONTOUR  
PLAN (1 OF 4)**

|             |                 |     |          |
|-------------|-----------------|-----|----------|
| Project no. | 289001          |     |          |
| Scale       | 1:1000@A3       |     |          |
| Cad file    | C2200 - PGL.DWG |     |          |
| Drawing no. | C2201           | Rev | <b>D</b> |

RESOURCE CONSENT

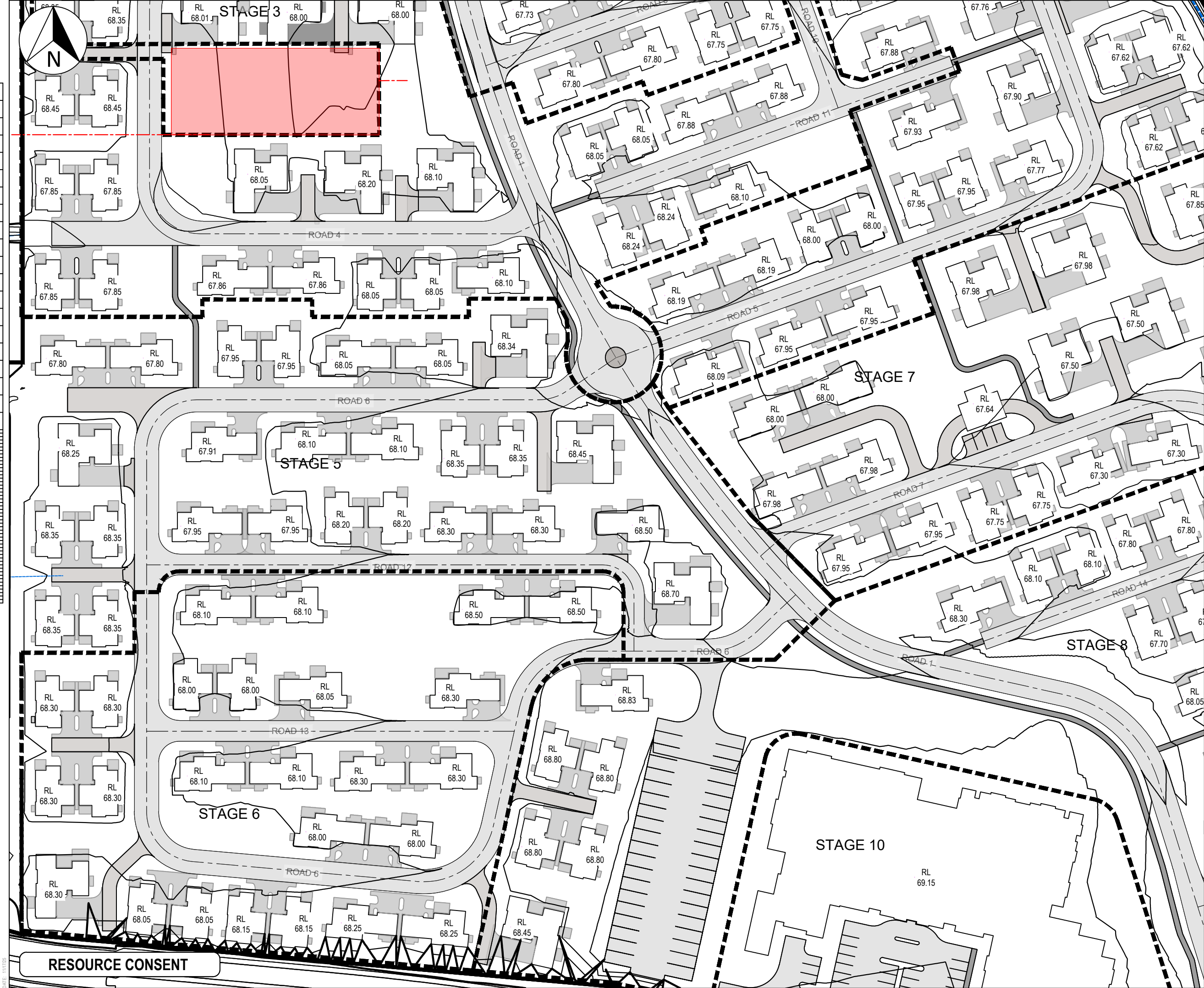
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1:500mm ORIGINAL SIZE: A3

0 10 20 30 40 50 60 70 80 90 100

DATE: 11/17/25



- Notes
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  2. Co-ordinates in terms of NZ Geodetic Datum Mt Eden 2000.
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| LEGEND |                  |
|--------|------------------|
|        | EX BDY           |
|        | PROP BDY         |
|        | STAGING BDY      |
|        | EX MAJOR CONTOUR |
|        | EX MINOR CONTOUR |
|        | PR MAJOR CONTOUR |
|        | PR MINOR CONTOUR |

|     |                  |       |         |
|-----|------------------|-------|---------|
| C   | RESOURCE CONSENT | YZ    | 11/25   |
| B   | FOR CONSENT      | KQ    | 04/25   |
| A   | FOR REVIEW       | DP    | 01/25   |
| Rev | Description      | By    | Date    |
|     | Survey           | MAVEN | 10/2024 |
|     | Design           | KQ    | 04/2025 |
|     | Drawn            | DP    | 04/2025 |
|     | Checked          | SB    | 04/2025 |



Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
CONTOUR  
PLAN (2 OF 4)**

|             |                 |     |   |
|-------------|-----------------|-----|---|
| Project no. | 289001          |     |   |
| Scale       | 1:1000@A3       |     |   |
| Cad file    | C2200 - PGL.DWG |     |   |
| Drawing no. | C2202           | Rev | C |

RESOURCE CONSENT

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ORIGINAL SIZE: A3  
DATE: 11/17/25  
FILE PATH: F:\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\C2200 - PGL.DWG



Notes

- All works to be in accordance with MPDC and RITS standards.
- Co-ordinates in terms of NZ Geodetic Datum Mt Eden 2000.
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LEGEND

- EX BDY
- PROP BDY
- STAGING BDY
- EX MAJOR CONTOUR
- EX MINOR CONTOUR
- PR MAJOR CONTOUR
- PR MINOR CONTOUR

|         |                  |         |       |
|---------|------------------|---------|-------|
| C       | RESOURCE CONSENT | YZ      | 11/25 |
| B       | FOR CONSENT      | KQ      | 04/25 |
| A       | FOR REVIEW       | DP      | 01/25 |
| Rev     | Description      | By      | Date  |
|         | By               | Date    |       |
| Survey  | MAVEN            | 10/2024 |       |
| Design  | KQ               | 04/2025 |       |
| Drawn   | DP               | 04/2025 |       |
| Checked | SB               | 04/2025 |       |

**M**  
M A V E N

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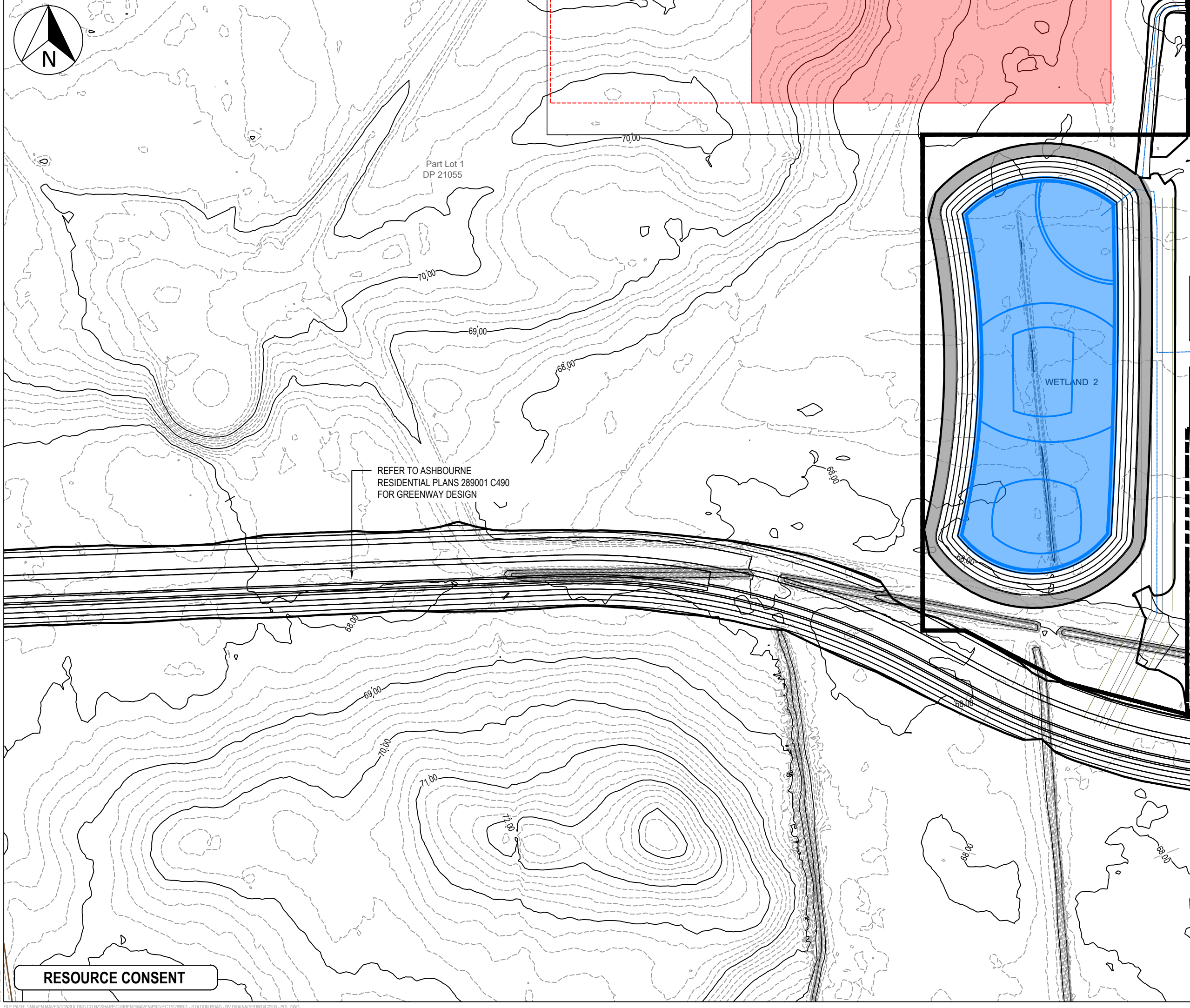
Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
CONTOUR  
PLAN(3 OF 4)**

|             |                 |     |          |
|-------------|-----------------|-----|----------|
| Project no. | 289001          |     |          |
| Scale       | 1:1000@A3       |     |          |
| Cad file    | C2200 - PGL.DWG |     |          |
| Drawing no. | C2203           | Rev | <b>C</b> |



DATE: 11/04/25  
ORIGINAL SIZE: A3  
FILE PATH: \\MAVEN\MAVENCONSULTING.CO.NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\C2200 - PGL.DWG



- Notes
1. All works to be in accordance with MPDC and RITS standards.
  2. Co-ordinates in terms of NZ Geodetic Datum Mt Eden 2000.
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| LEGEND |                  |
|--------|------------------|
|        | EX BDY           |
|        | PROP BDY         |
|        | STAGING BDY      |
|        | EX MAJOR CONTOUR |
|        | EX MINOR CONTOUR |
|        | PR MAJOR CONTOUR |
|        | PR MINOR CONTOUR |

| D   | RESOURCE CONSENT | YZ    | 11/25   |
|-----|------------------|-------|---------|
| C   | RESOURCE CONSENT | YZ    | 11/25   |
| B   | FOR CONSENT      | KQ    | 04/25   |
| A   | FOR REVIEW       | DP    | 01/25   |
| Rev | Description      | By    | Date    |
|     | Survey           | MAVEN | 10/2024 |
|     | Design           | KQ    | 04/2025 |
|     | Drawn            | DP    | 04/2025 |
|     | Checked          | SB    | 04/2025 |



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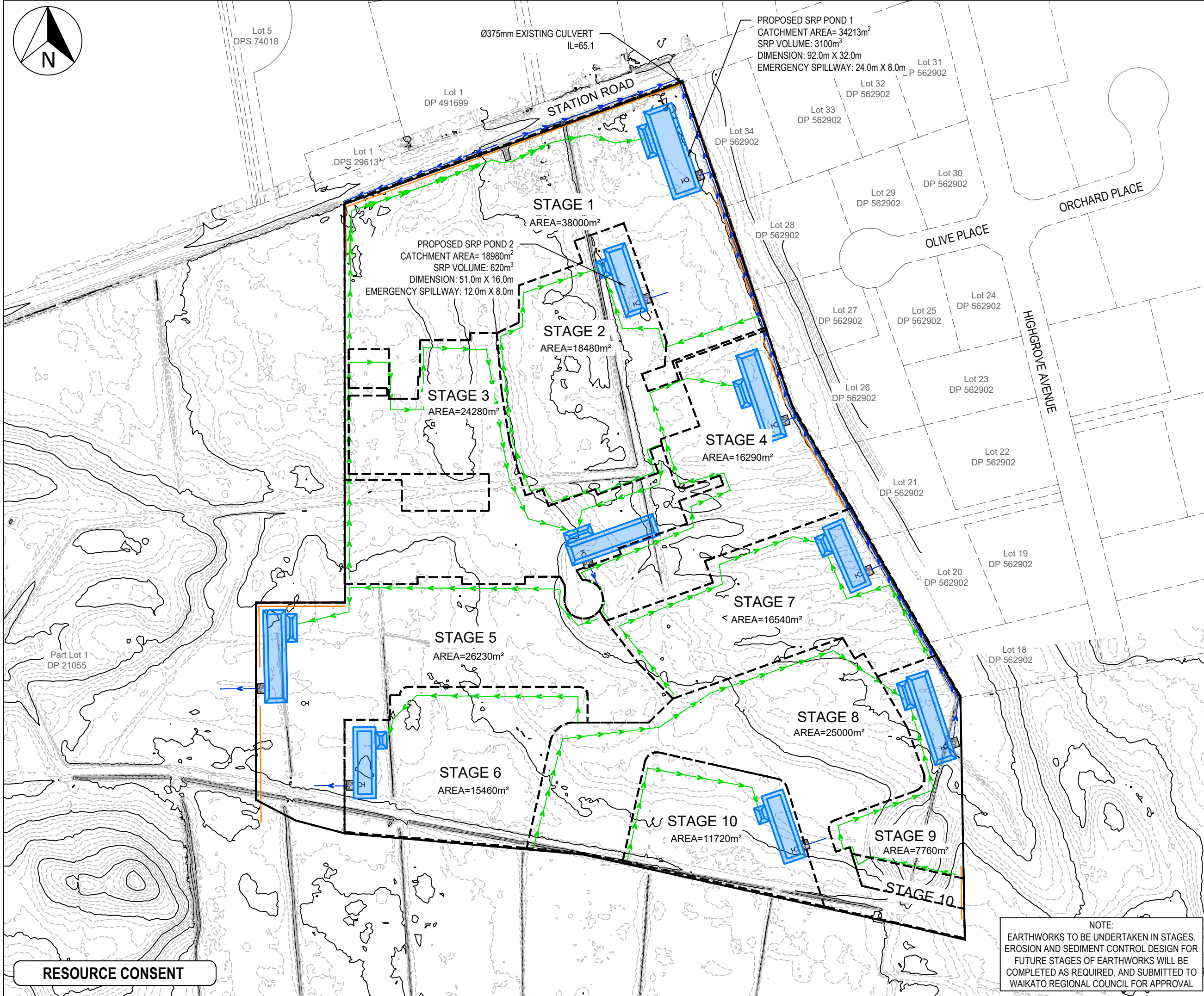
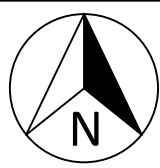
Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
CONTOUR  
PLAN (4 OF 4)**

|             |                 |     |          |
|-------------|-----------------|-----|----------|
| Project no. | 289001          |     |          |
| Scale       | 1:1000@A3       |     |          |
| Cad file    | C2200 - PGL.DWG |     |          |
| Drawing no. | C2204           | Rev | <b>D</b> |

**RESOURCE CONSENT**





- Notes
1. All works to be constructed in accordance with Waikato Regional Infrastructure Technical Specifications (RITS).
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  8. Use stabilised entrance in association with silt fences.

Legend

|     |                  |
|-----|------------------|
| --- | EX BDY           |
| --- | EX MAJOR CONTOUR |
| --- | EX MINOR CONTOUR |
| --- | PROP BDY         |
| --- | STAGING BDY      |
| --- | PROP CLEAN WATER |
| --- | PROP DIRTY WATER |
| --- | PROP SEDIMENT    |
| --- | RETENTION POND   |
| --- | PROP DECANT      |
| --- | PROP SILT FENCE  |

|         |                  |    |         |
|---------|------------------|----|---------|
| C       | RESOURCE CONSENT | YZ | 11/25   |
| B       | FOR CONSENT      | KQ | 04/25   |
| A       | FOR REVIEW       | DP | 01/25   |
| Rev     | Description      | By | Date    |
|         |                  | By | Date    |
| Survey  | MAVEN            |    | 10/2024 |
| Design  | KQ               |    | 04/2025 |
| Drawn   | KQ               |    | 04/2025 |
| Checked | SB               |    | 04/2025 |



Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
EROSION & SEDIMENT  
CONTROL PLAN**

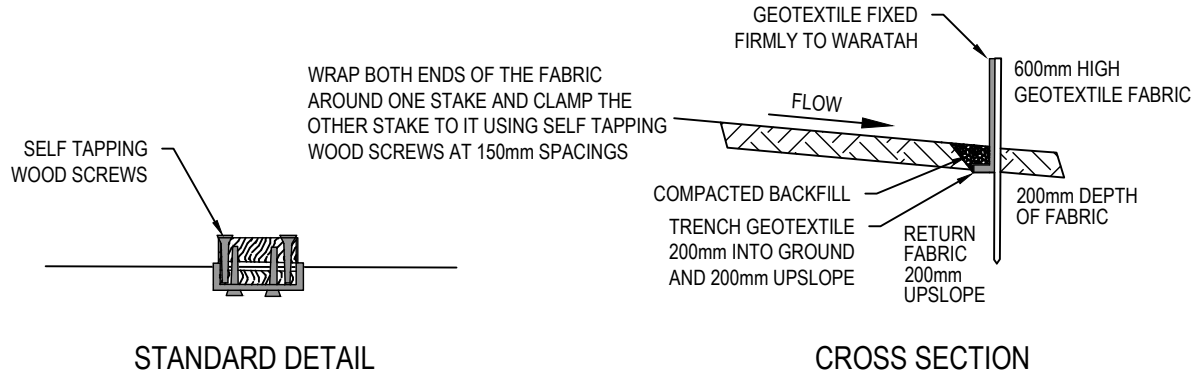
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|-------------|-----------------|
| Project no. | J00606          |
| Scale       | 1:2500@A3       |
| Cad file    | C2300 - ESC.DWG |
| Drawing no. | C2300           |
| Rev         | C               |

NOTE:  
EARTHWORKS TO BE UNDERTAKEN IN STAGES.  
EROSION AND SEDIMENT CONTROL DESIGN FOR  
FUTURE STAGES OF EARTHWORKS WILL BE  
COMPLETED AS REQUIRED, AND SUBMITTED TO  
WAIKATO REGIONAL COUNCIL FOR APPROVAL

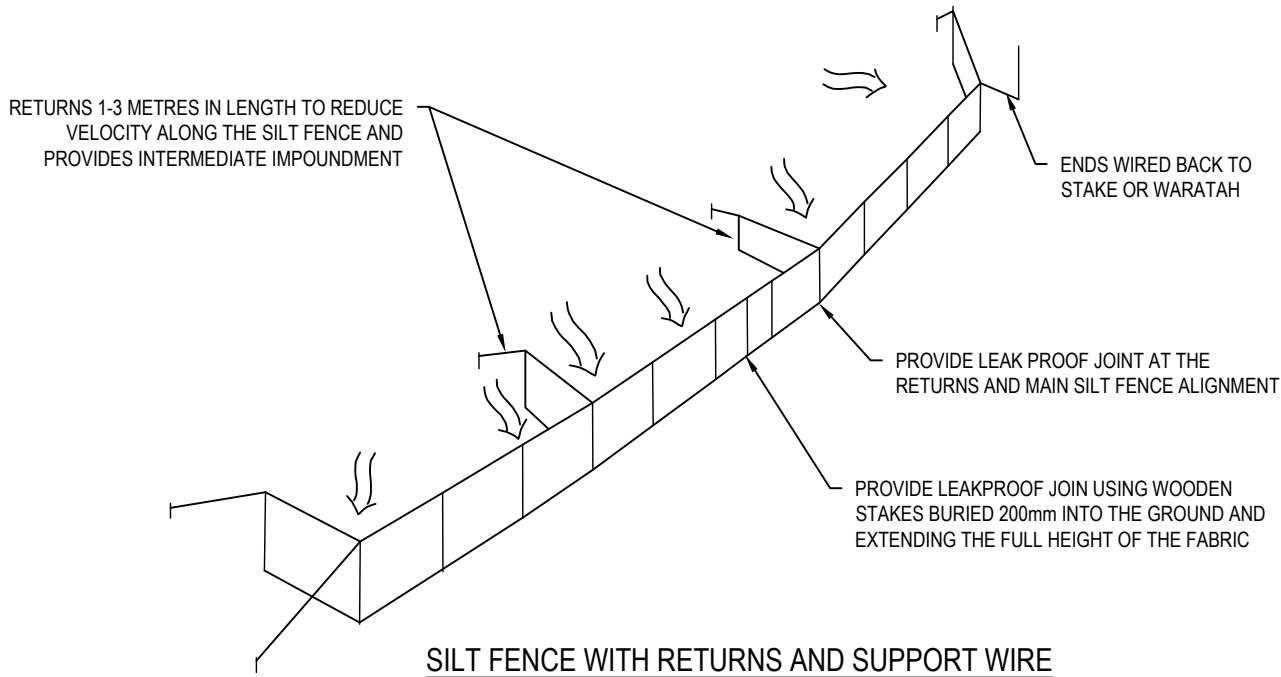
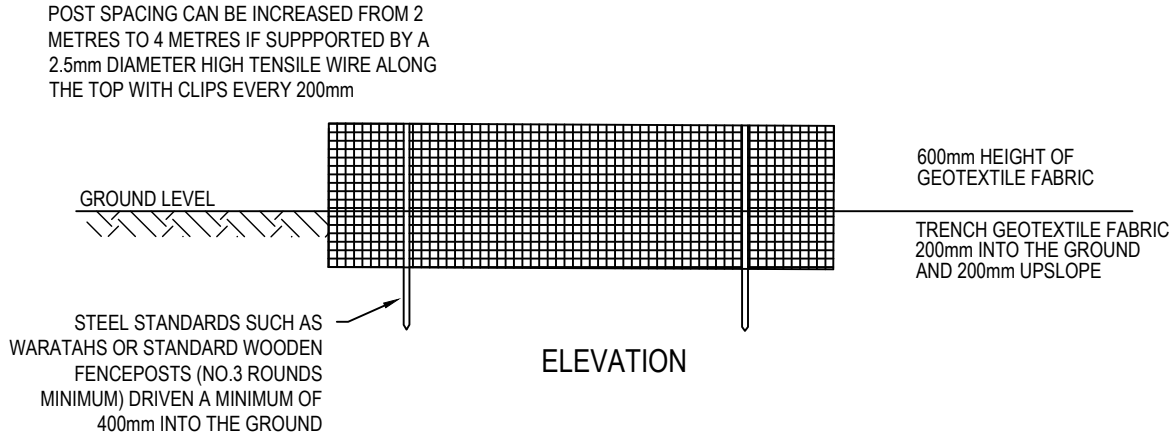
RESOURCE CONSENT



DATE: 05.09.2025  
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ORIGINAL SIZE: A3  
150mm  
100  
80  
60  
40  
30  
20  
10  
0



FABRIC JOIN



FOR CONSENT

- Notes
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|         |             |         |       |
|---------|-------------|---------|-------|
|         |             |         |       |
| B       | FOR CONSENT | MS      | 04/25 |
| A       | FOR REVIEW  | MS      | 10/24 |
| Rev     | Description | By      | Date  |
|         | By          | Date    |       |
| Survey  | MAVEN       | 10/2024 |       |
| Design  | DP          | 10/2024 |       |
| Drawn   | MS          | 10/2024 |       |
| Checked | SB          | 10/2024 |       |



Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED ESC  
STANDARD DETAILS  
PLAN SHEET 1 OF 4**

|             |                    |     |          |
|-------------|--------------------|-----|----------|
| Project no. | J00606             |     |          |
| Scale       | NTS                |     |          |
| Cad file    | C2350 - ESC SD.DWG |     |          |
| Drawing no. | C2350              | Rev | <b>B</b> |

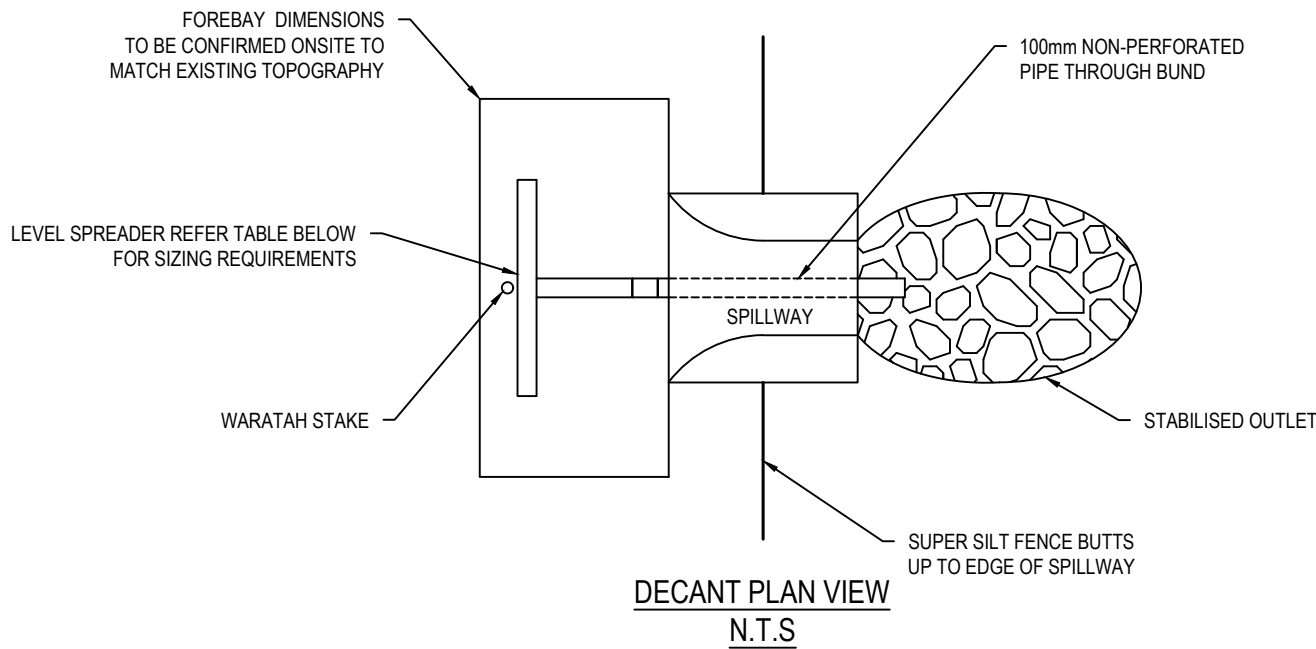
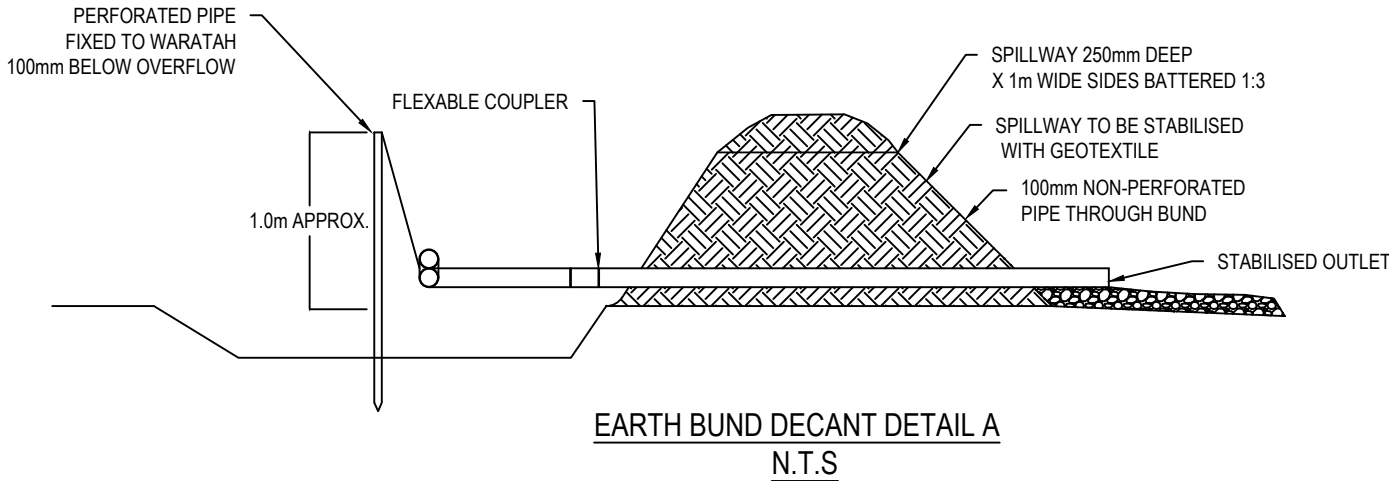






DATE: 05.06.2025  
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150mm  
100  
80  
60  
40  
30  
20  
10  
0



| LEVEL SPREADER DESIGN CRITERIA (20 YEAR STORM EVENT) |                    |              |                  |                |
|--|--------------------|--------------|------------------|----------------|
| DESIGN FLOW<br>(m <sup>3</sup> /sec)                 | INLET WIDTH<br>(m) | DEPTH<br>(m) | END WIDTH<br>(m) | LENGTH<br>(mm) |
| 0-0.3  | 3                  | 150          | 1                | 3              |
| 0.3-0.6  | 5                  | 180          | 1                | 7              |
| 0.6-0.9  | 7                  | 220          | 1                | 10             |

FOR CONSENT

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|         |             |         |       |
|---------|-------------|---------|-------|
|         |             |         |       |
| B       | FOR CONSENT | MS      | 04/25 |
| A       | FOR REVIEW  | MS      | 10/24 |
| Rev     | Description | By      | Date  |
|         | By          | Date    |       |
| Survey  | MAVEN       | 10/2024 |       |
| Design  | DP          | 04/2025 |       |
| Drawn   | MS          | 04/2025 |       |
| Checked | SB          | 04/2025 |       |



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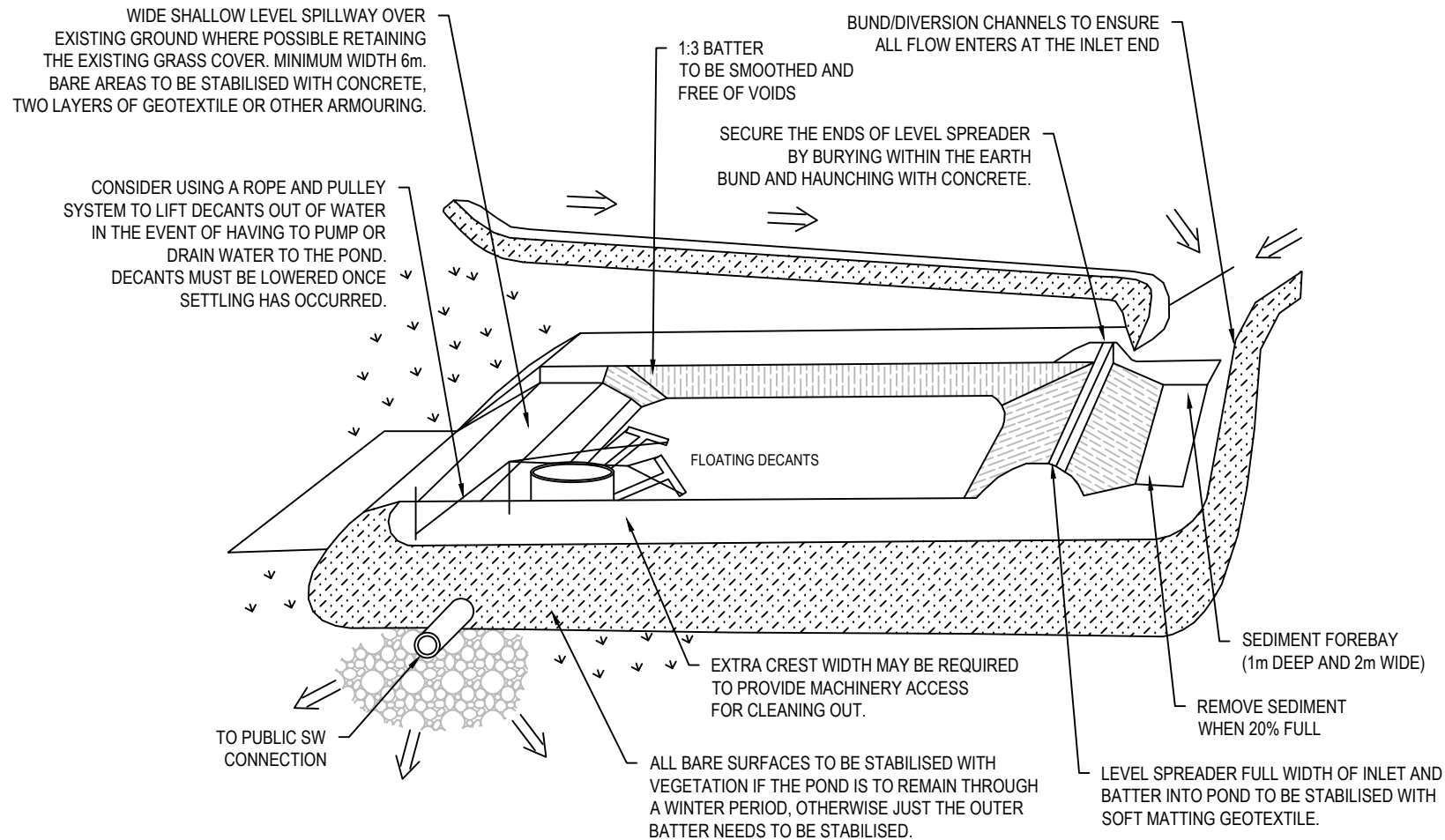
Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED ESC  
STANDARD DETAILS  
PLAN SHEET 3 OF 4**

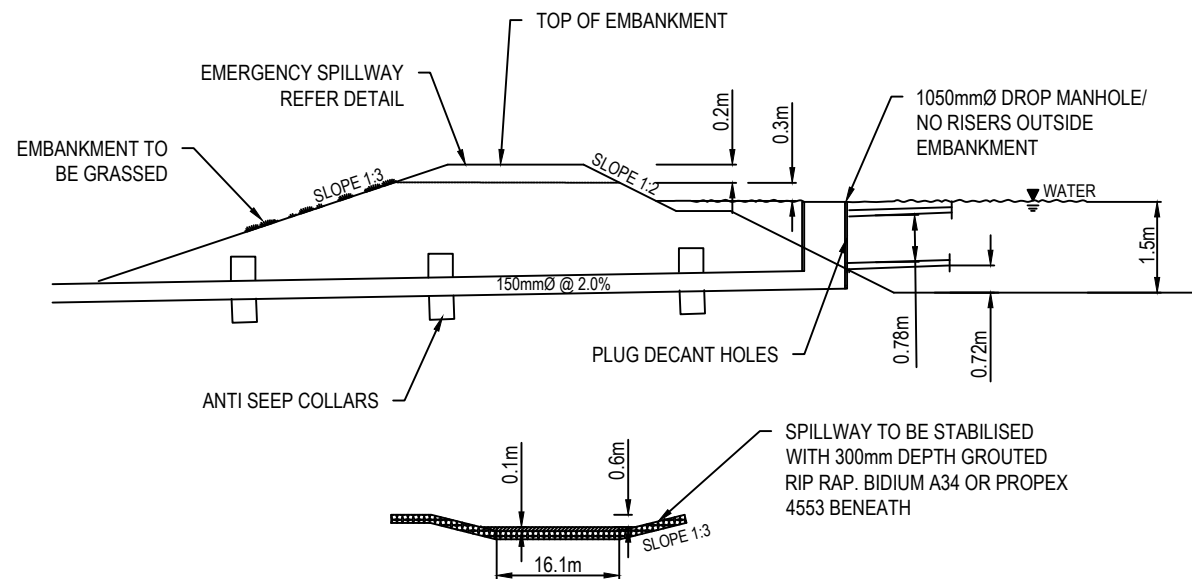
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| Project no. | J00606             |     |          |
| Scale       | NTS                |     |          |
| Cad file    | C2350 - ESC SD.DWG |     |          |
| Drawing no. | C2352              | Rev | <b>B</b> |



ORIGINAL SIZE: A3  
150mm  
100  
80  
60  
40  
20  
0



CROSS SECTION A-A OF SEDIMENT TREATMENT POND



EMERGENCY SPILLWAY

FOR CONSENT

Notes

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|         |             |         |       |
|---------|-------------|---------|-------|
|         |             |         |       |
| B       | FOR CONSENT | MS      | 04/25 |
| A       | FOR REVIEW  | MS      | 10/24 |
| Rev     | Description | By      | Date  |
|         | By          | Date    |       |
| Survey  | MAVEN       | 10/2024 |       |
| Design  | DP          | 04/2025 |       |
| Drawn   | MS          | 04/2025 |       |
| Checked | SB          | 04/2025 |       |



Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

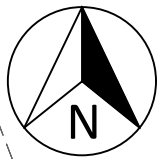
Title  
**PROPOSED ESC  
STANDARD DETAILS  
PLAN SHEET 4 OF 4**

|             |                    |     |          |
|-------------|--------------------|-----|----------|
| Project no. | J00606             |     |          |
| Scale       | NTS                |     |          |
| Cad file    | C2350 - ESC SD.DWG |     |          |
| Drawing no. | C2353              | Rev | <b>B</b> |

DATE: 16.10.2025



DATE: 11/05/25  
FILE PATH: \\MAVEN\MAVENCONSULTING.CO.NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RY DRAINAGE\DWG\C2200 - PGL.DWG



ORIGINAL SIZE: A3  
150mm  
100  
80  
60  
40  
20  
0



TOPSOIL TO BE SPREAD OVER THE  
WASTEWATER DISPOSAL FIELD TO MIN.  
68.4mRL TO ACHIEVE MINIMUM 600mm  
VERTICAL SEPARATION TO PEAK  
GROUNDWATER LEVELS OF 67.8mRL

REFER TO ASHBOURNE RESIDENTIAL PLANS  
289001 C490 FOR GREENWAY DESIGN

### BULK EARTH WORKS

CUT VOLUME 33335 m<sup>3</sup>  
FILL VOLUME 77294 m<sup>3</sup>  
NET FILL 43958 m<sup>3</sup>

TOPSOIL STRIPPED (200mm) = 39726 m<sup>3</sup>  
EARTHWORKS AREA = 225800 m<sup>2</sup>

NOTE: NO ALLOWANCE FOR SERVICES TRENCHES,  
VOLUMES AREA UNFACTORED AND IN SITU

| Cut/Fill Table |                   |                   |             |
|----------------|-------------------|-------------------|-------------|
| Number #       | Minimum Elevation | Maximum Elevation | Color       |
| 1              | -3.000            | -2.500            | Red         |
| 2              | -2.500            | -2.000            | Red         |
| 3              | -2.000            | -1.500            | Red         |
| 4              | -1.500            | -1.000            | Red         |
| 5              | -1.000            | -0.500            | Red         |
| 6              | -0.500            | 0.000             | Red         |
| 7              | 0.000             | 0.500             | Light Green |
| 8              | 0.500             | 1.000             | Light Green |
| 9              | 1.000             | 1.500             | Light Green |
| 10             | 1.500             | 2.000             | Light Green |
| 11             | 2.000             | 2.500             | Dark Green  |

- NOTES
1. Levels in terms of NZVD 2016.
  2. Contour interval 0.5m.
  3. All dust, sediment, erosion control and temporary stormwater discharge shall be undertaken in accordance with Waikato Regional Council's "Erosion and Sediment Control Guidelines for Land Disturbing Activities".
  4. Contractor to locate the existing services prior to construction.
  5. All excavation works are to be in accordance with work safe - "Excavation Safety Guidelines".
  6. The contractor shall obtain all necessary approvals from utility operators before commencing work in close proximity to their services.
  7. Permanent cut or fill batter to be formed maximum gradient of 1v:3h.

- LEGEND
- EX BDY
  - PROP BDY
  - EARTHWORKS STAGING BDY
  - EX TREE

|         |                  |    |         |
|---------|------------------|----|---------|
| D       | RESOURCE CONSENT | YZ | 11/25   |
| C       | RESOURCE CONSENT | YZ | 11/25   |
| B       | FOR CONSENT      | KQ | 04/25   |
| A       | FOR REVIEW       | DP | 12/24   |
| Rev     | Description      | By | Date    |
|         |                  | By | Date    |
| Survey  | MAVEN            |    | 10/2024 |
| Design  | KQ               |    | 04/2025 |
| Drawn   | DP               |    | 04/2025 |
| Checked | SB               |    | 04/2025 |



Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
CUT / FILL  
PLAN**

|             |                 |
|-------------|-----------------|
| Project no. | 289001          |
| Scale       | 1:3000@A3       |
| Cad file    | C2200 - PGL.DWG |
| Drawing no. | C2400           |
| Rev         | D               |

RESOURCE CONSENT



DATE: 11/25/25  
FILE PATH: \\MAVEN\MAVENCONSULTING.CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\C2200 - PGL.DWG



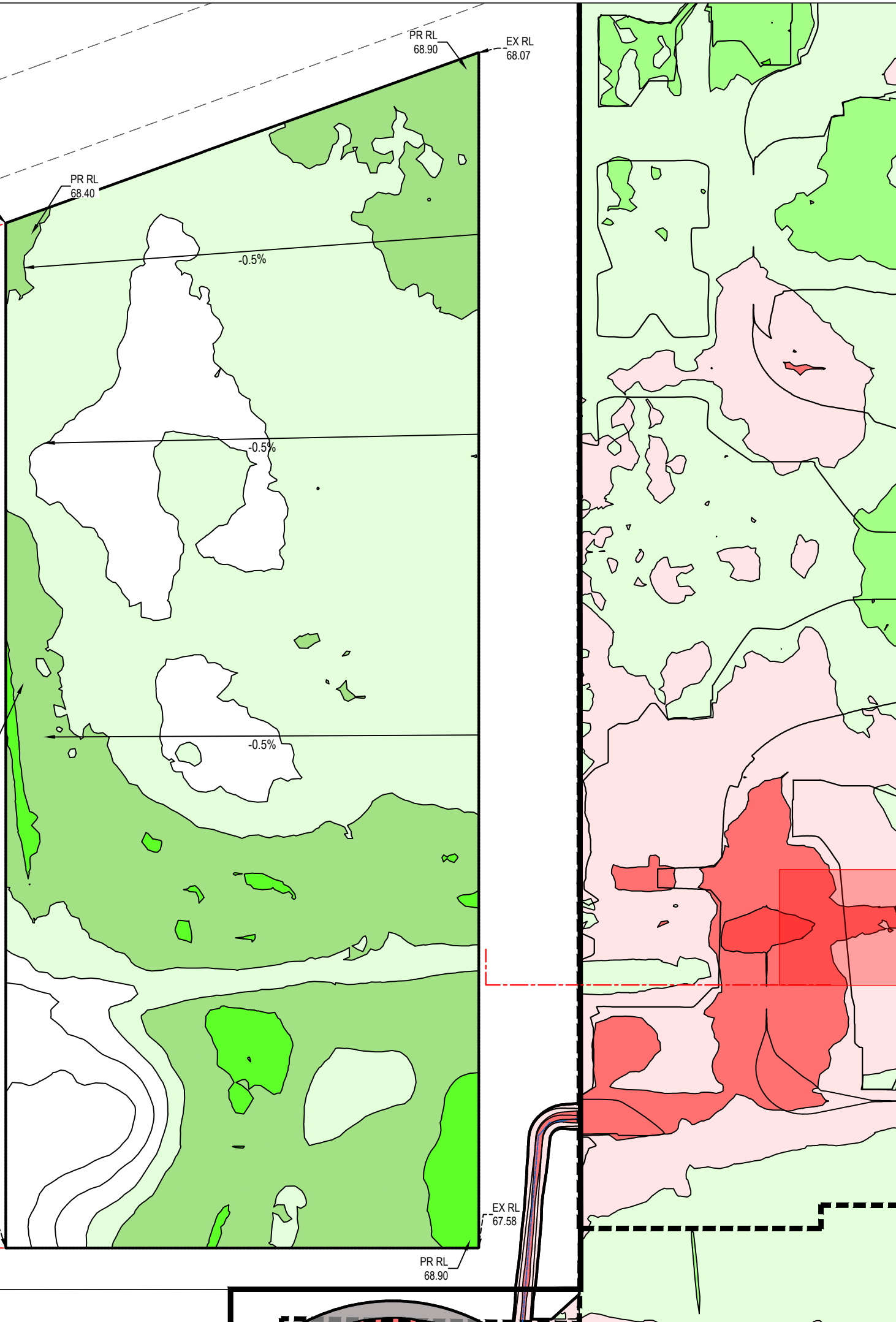
**BULK EARTH WORKS**  
NET TOPSOIL VOLUME REQUIRED FOR WASTEWATER DISPOSAL FILL= 9600 m<sup>3</sup>  
  
CUT TOPSOIL TO COME FROM RESIDENTIAL OR RV SURPLUS

| Cut/Fill Summary     |            |             |              |                |                      |
|----------------------|------------|-------------|--------------|----------------|----------------------|
| Name                 | Cut Factor | Fill Factor | 2d Area      | Fill           | Net                  |
| ww disposal cut fill | 1.000      | 1.000       | 24462.31sq.m | 9600.33 Cu. M. | 8120.19 Cu. M.<Fill> |
| Totals               |            |             | 24462.31sq.m | 9600.33 Cu. M. | 8120.19 Cu. M.<Fill> |

| Cut/Fill Table |                   |                   |             |
|----------------|-------------------|-------------------|-------------|
| Number #       | Minimum Elevation | Maximum Elevation | Color       |
| 1              | -3.000            | -2.500            | Red         |
| 2              | -2.500            | -2.000            | Red         |
| 3              | -2.000            | -1.500            | Red         |
| 4              | -1.500            | -1.000            | Red         |
| 5              | -1.000            | -0.500            | Red         |
| 6              | -0.500            | 0.000             | Light Red   |
| 7              | 0.000             | 0.500             | Light Green |
| 8              | 0.500             | 1.000             | Light Green |
| 9              | 1.000             | 1.500             | Light Green |
| 10             | 1.500             | 2.000             | Light Green |
| 11             | 2.000             | 2.500             | Light Green |

TOPSOIL TO BE SPREAD OVER THE  
WASTEWATER DISPOSAL FIELD TO MIN.  
68.4mRL TO ACHIEVE MINIMUM 600mm  
VERTICAL SEPARATION TO PEAK  
GROUNDWATER LEVELS OF 67.8mRL

RESOURCE CONSENT



- NOTES
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  2. Contour interval 0.5m.
  3. All dust, sediment, erosion control and temporary stormwater discharge shall be undertaken in accordance with Waikato Regional Council's "Erosion and Sediment Control Guidelines for Land Disturbing Activities".
  4. Contractor to locate the existing services prior to construction.
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  7. Permanent cut or fill batter to be formed maximum gradient of 1v:3h.

LEGEND

- EX BDY
- PROP BDY
- EARTHWORKS
- STAGING BDY
- EX TREE

|         |                  |    |         |
|---------|------------------|----|---------|
|         |                  |    |         |
|         |                  |    |         |
|         |                  |    |         |
| A       | RESOURCE CONSENT | YZ | 11/25   |
| Rev     | Description      | By | Date    |
|         |                  | By | Date    |
| Survey  | MAVEN            |    | 10/2024 |
| Design  | YZ               |    | 11/2025 |
| Drawn   | YZ               |    | 11/2025 |
| Checked | MS               |    | 11/2025 |



Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
CUT / FILL  
PLAN**

|             |                 |
|-------------|-----------------|
| Project no. | 289001          |
| Scale       | 1:1000@A3       |
| Cad file    | C2200 - PGL.DWG |
| Drawing no. | C2400-1         |
| Rev         | A               |