



- 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 asbuiltof 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

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	



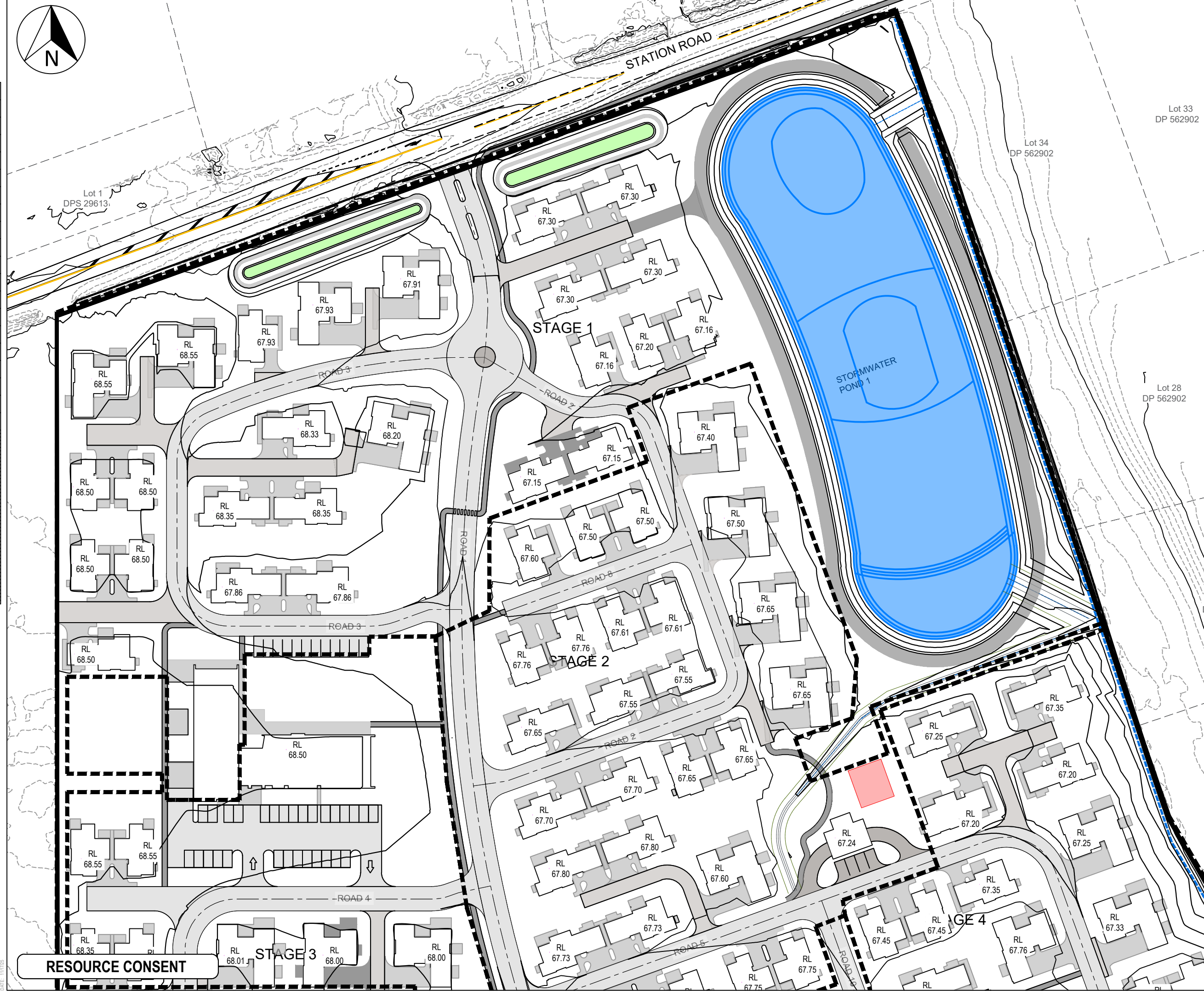
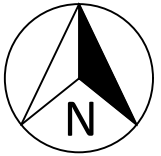
Project
**ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD**

Title

**PROPOSED OVERVIEW
CONTOUR
PLAN**

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

DATE: 11/17/25
FILE PATH: F:\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\C2200 - PGL.DWG
ORIGINAL SIZE: A3
150mm
100
80
60
40
20
0



Notes

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- Co-ordinates in terms of NZ Geodetic Datum Mt Eden 2000.
- Reduced Levels are in terms of NZVD 2016.
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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

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Project

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

Title

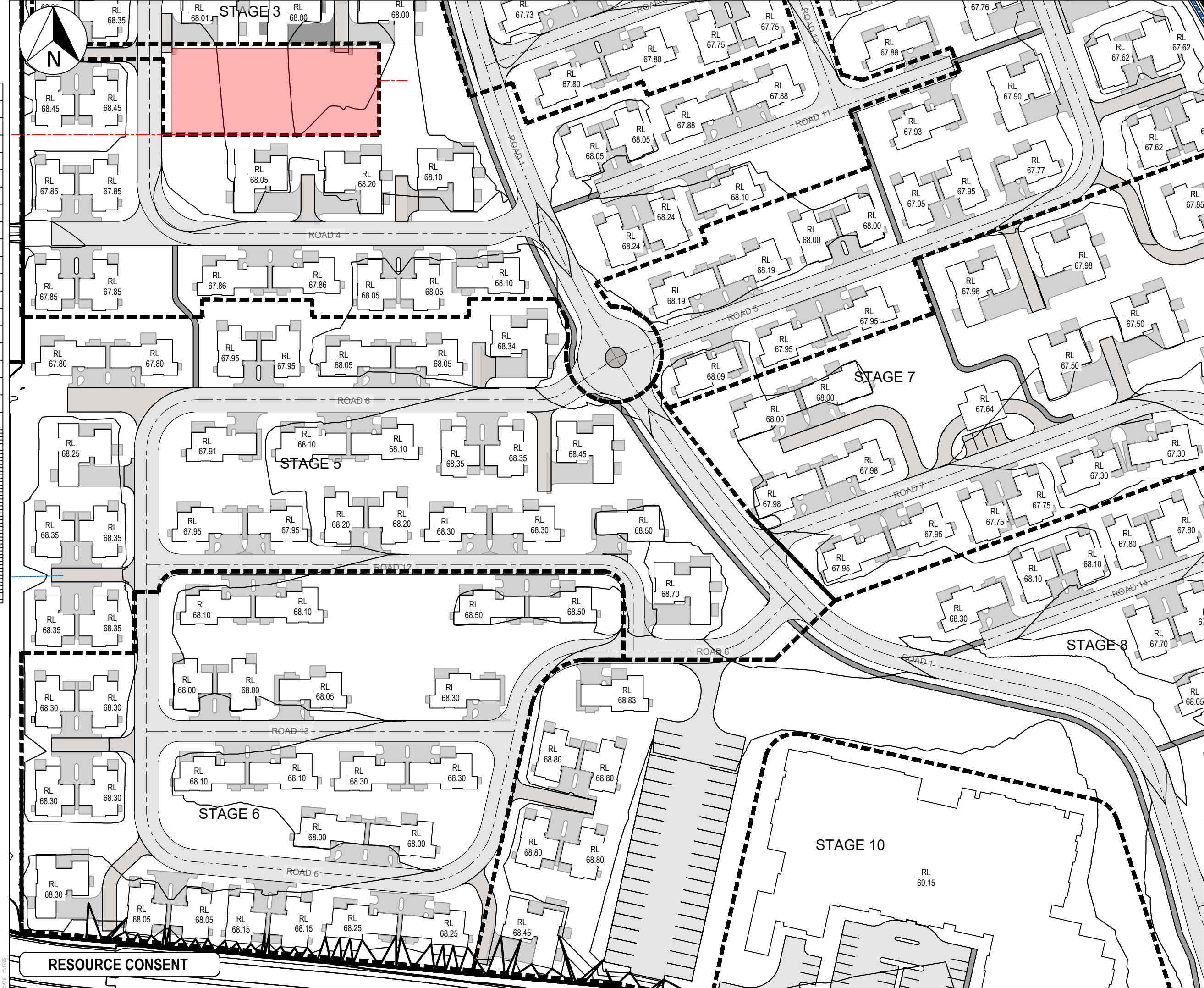
**PROPOSED
CONTOUR
PLAN (1 OF 4)**

Project no.	289001		
Scale	1:1000@A3		
Cad file	C2200 - PGL.DWG		
Drawing no.	C2201	Rev	C

1:500mm ORIGINAL SIZE: A3

0 10 20 30 40 50 60 70 80 90 100

DATE: 11/17/25



- Notes
1. All works to be in accordance with MPDC and RITS standards.
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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

FILE PATH: F:\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\C2200 - PGL.DWG

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.
- Reduced Levels are in terms of NZVD 2016.
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- The contractor shall obtain all necessary approval from utility operators before commencing work under or near their services.
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- 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

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**

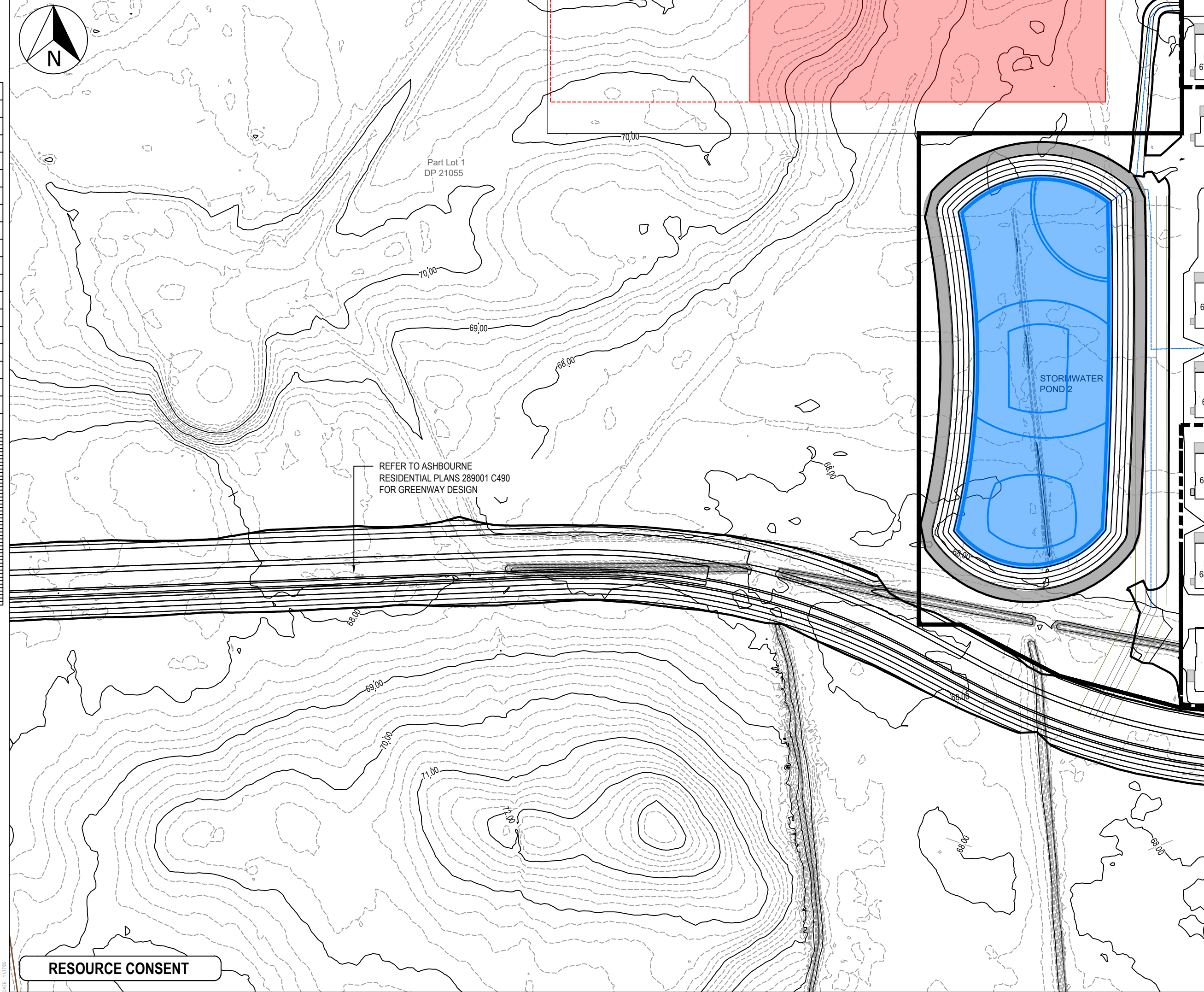
Title
**PROPOSED
CONTOUR
PLAN(3 OF 4)**

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

ORIGINAL SIZE: A3



150m
100
80
60
40
30
20
10
0



- 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

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**

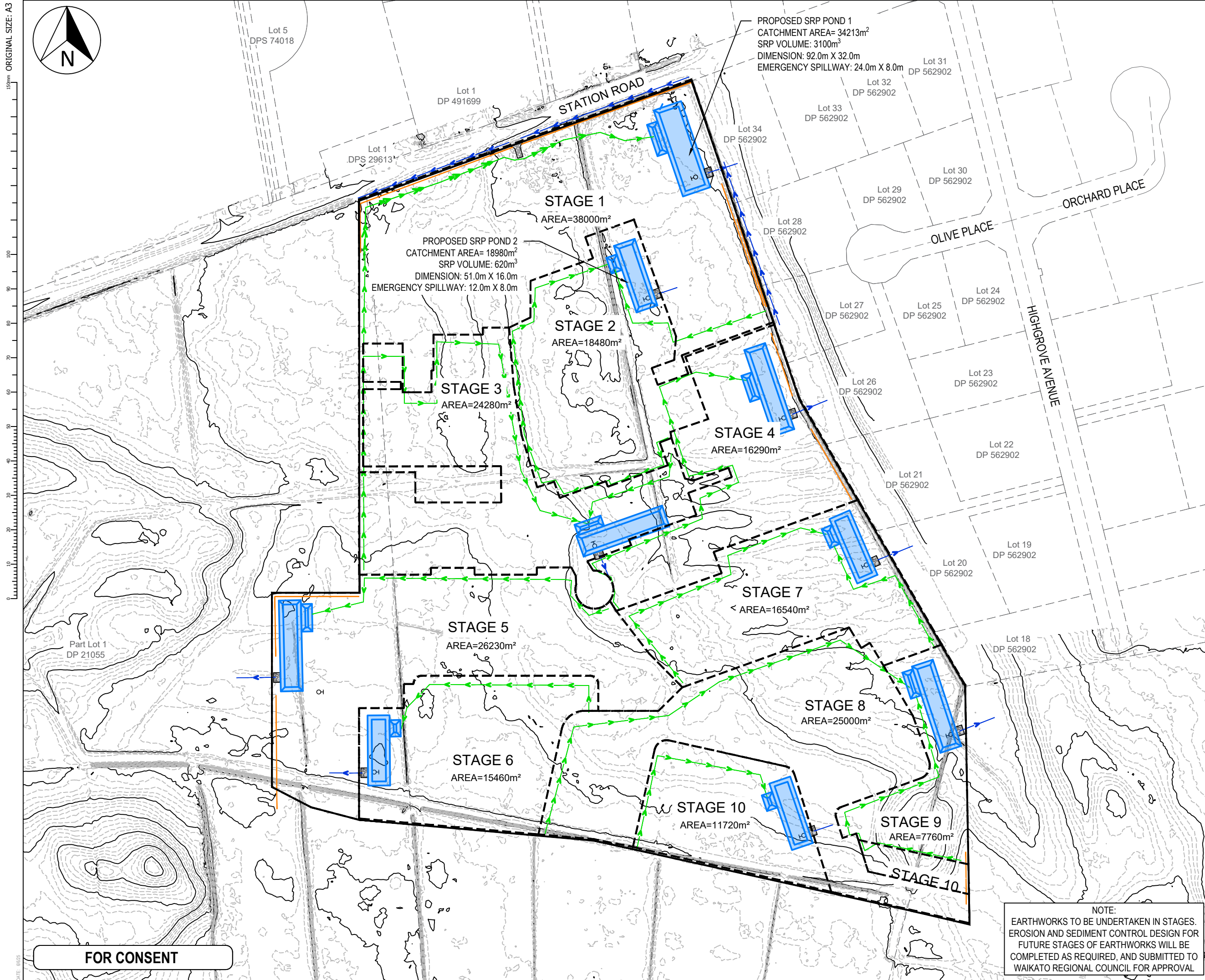
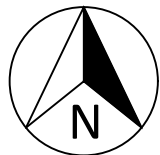
Title
**PROPOSED
CONTOUR
PLAN (4 OF 4)**

Project no.	289001		
Scale	1:1000@A3		
Cad file	C2200 - PGL.DWG		
Drawing no.	C2204	Rev	C

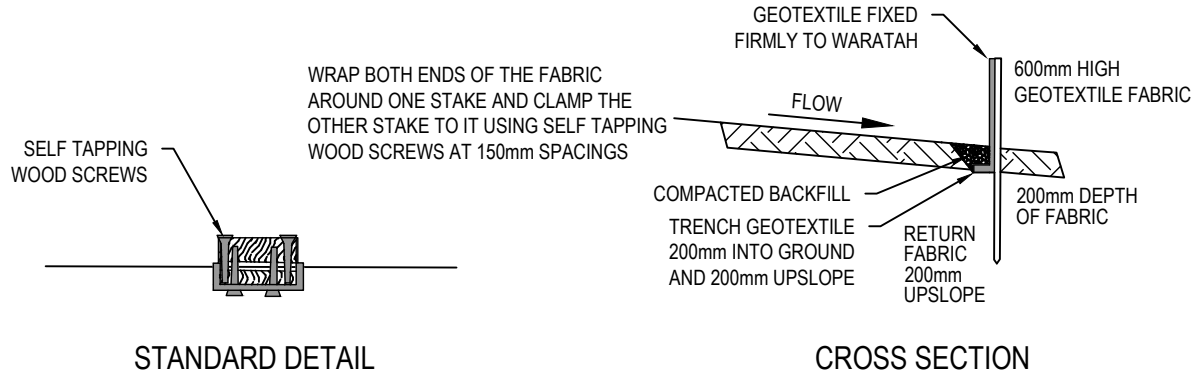
RESOURCE CONSENT

DATE: 11/17/25

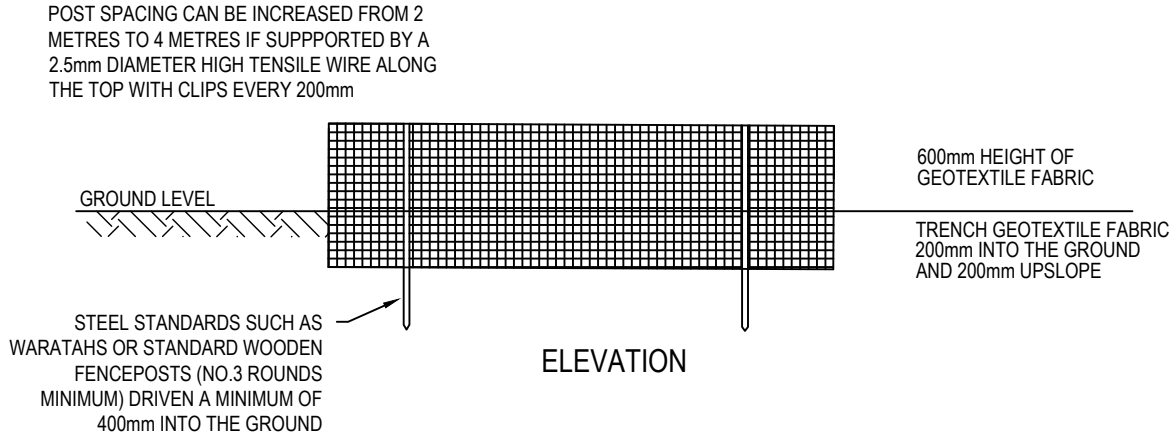
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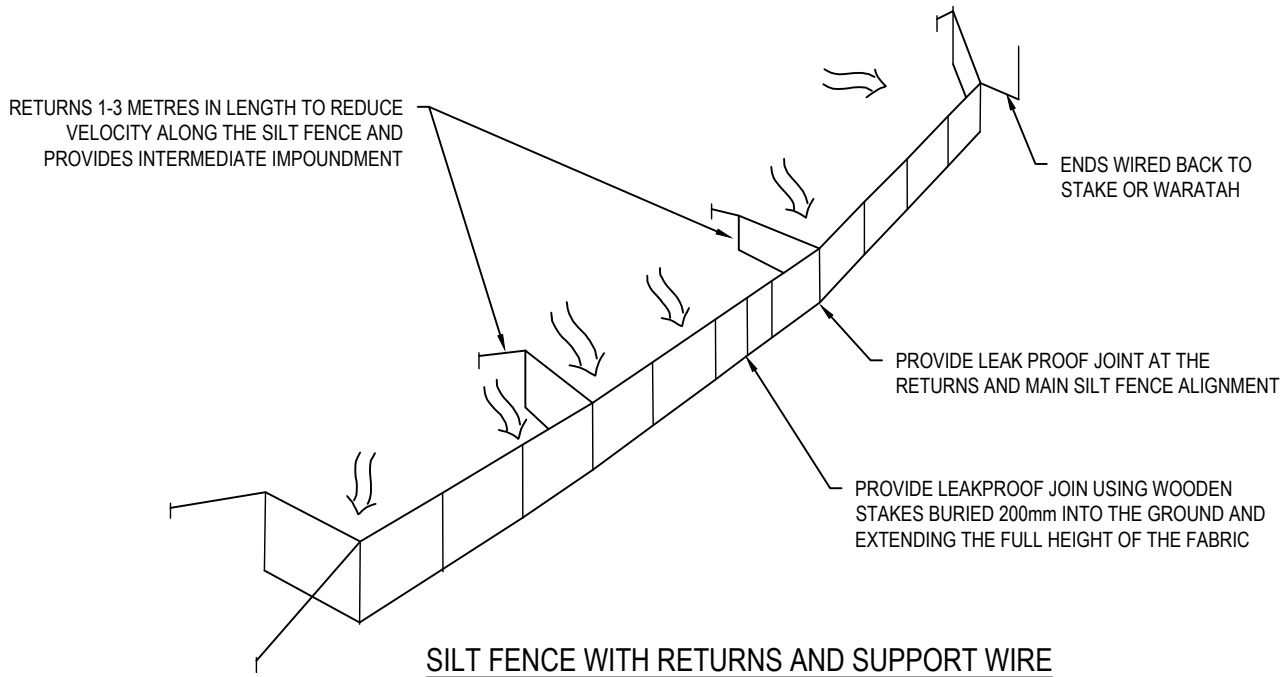
DATE: 05.10.2025
FILE: F:\MAVEN MATAMATA\1. Projects\J00606 UDL - Hemmings Station Rd\6. Drawing\2. CAD\3. Design\C2350 - ESC SD.dwg
ORIGINAL SIZE: A3
150mm
100
80
60
40
30
20
10
0



FABRIC JOIN



ELEVATION



SILT FENCE WITH RETURNS AND SUPPORT WIRE

FOR CONSENT

- Notes
1. All works to be constructed in accordance with Waikato Regional Infrastructure Technical Specifications (RITS).
 2. Levels in terms of the NZVD16.
 3. All dust, sediment, erosion control and temporary stormwater discharge shall be undertaken in accordance with Environment Waikato Regional Council's "Erosion And Sediment Control Guidelines for Land Disturbing Activities".
 4. All erosion and sediment control measures should be in place before land-disturbing activities start and only removed when the site is stabilised.
 5. Always talk to your environment WRC representative to obtain accurate and up-to-date advice.
 6. It is contractor's responsibility to ensure that soil is kept on site and to ensure that the road is clean.
 7. The contractor shall comply with all relevant health and safety requirements.
 8. Use stabilised entrance in association with silt fences.

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	



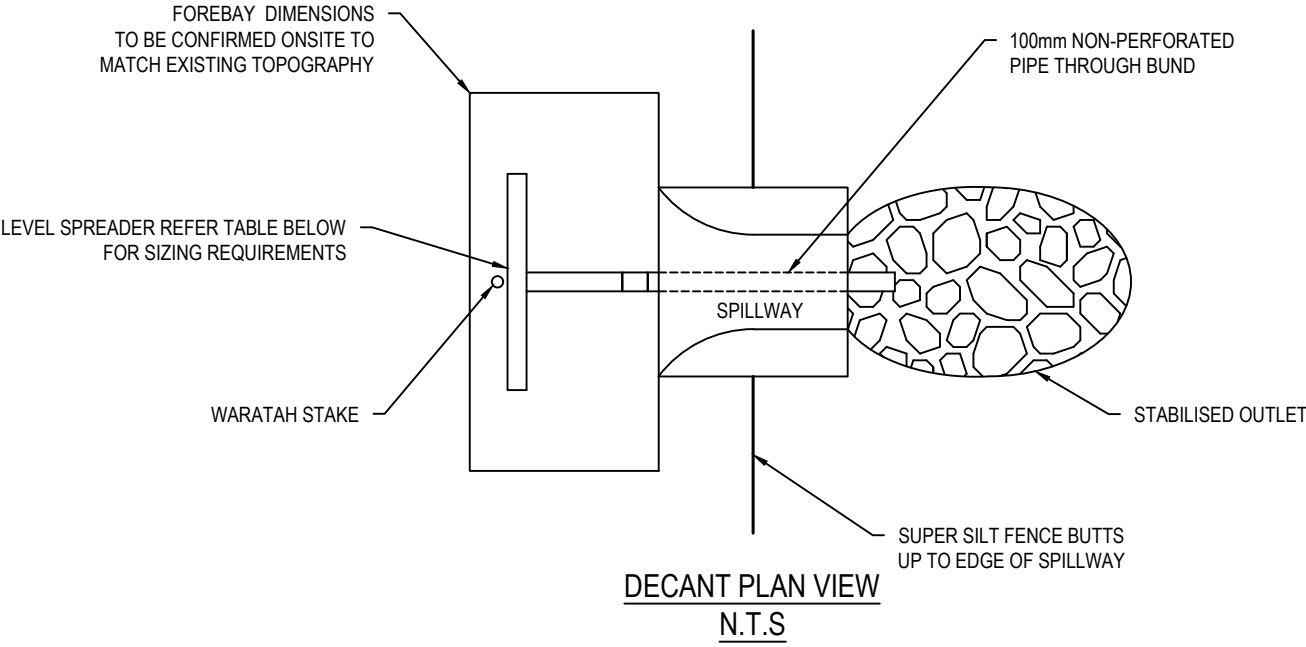
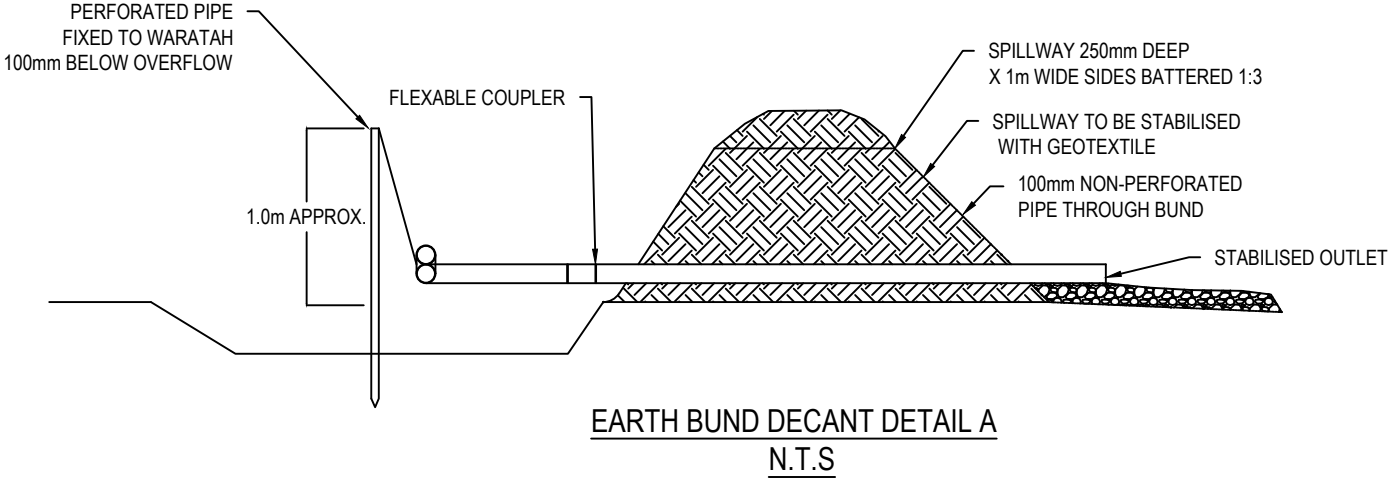
Project
**ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD**

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

150mm
100
80
60
40
30
20
10
0

DATE: 05.06.2025



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

- 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	



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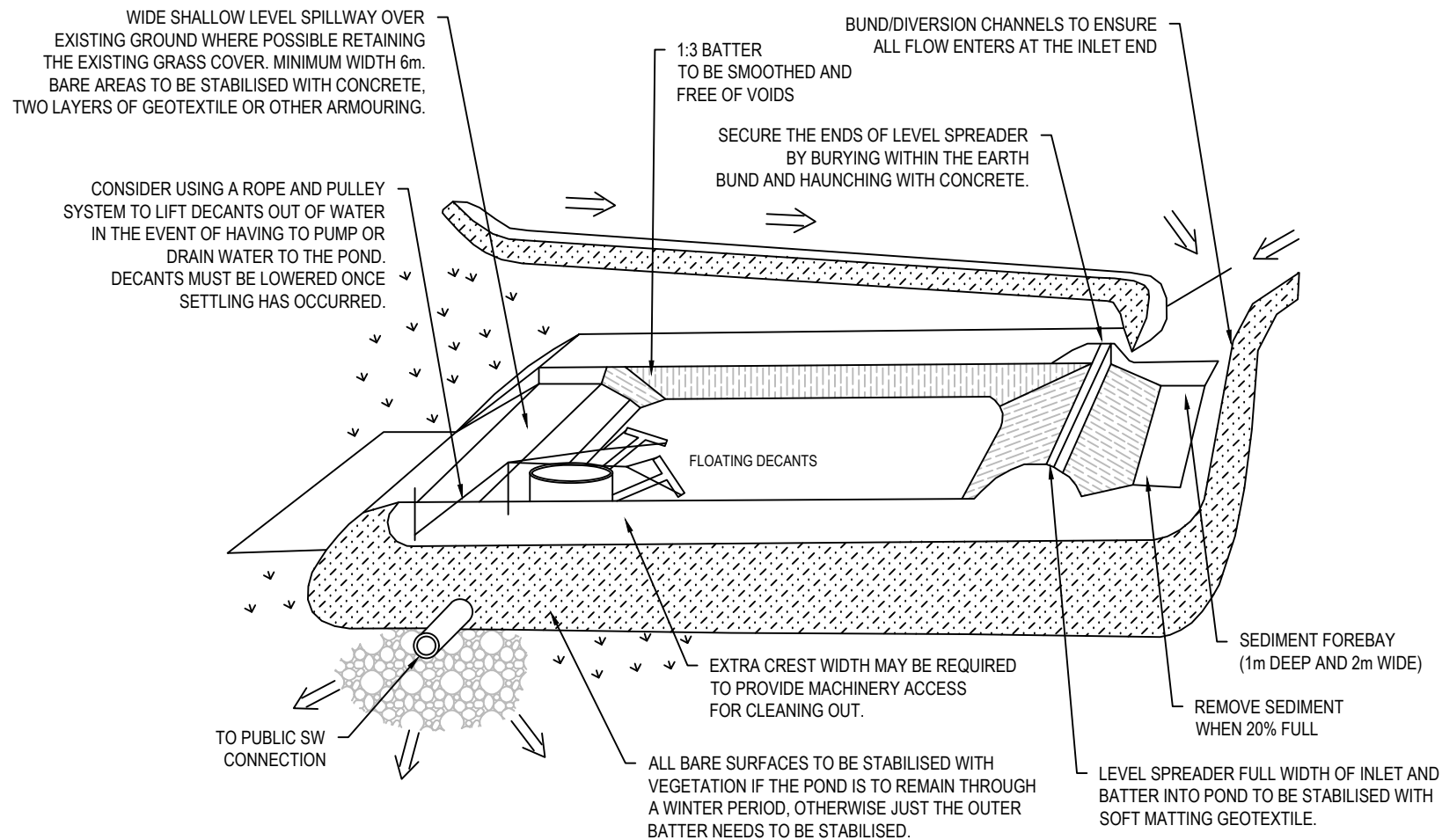
Project
**ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD**

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

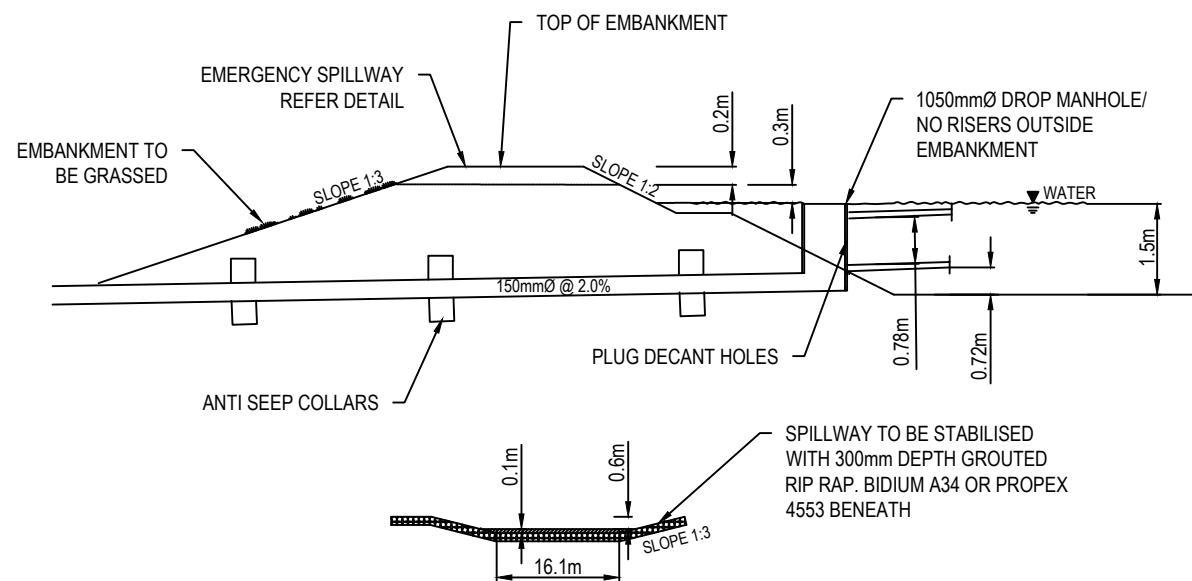
Project no.	J00606		
Scale	NTS		
Cad file	C2350 - ESC SD.DWG		
Drawing no.	C2352	Rev	B

FOR CONSENT

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**

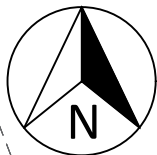
Title
**PROPOSED ESC
STANDARD DETAILS
PLAN SHEET 4 OF 4**

Project no.	J00606		
Scale	NTS		
Cad file	C2350 - ESC SD.DWG		
Drawing no.	C2353	Rev	B

DATE: 16.10.2025

FILE: F:\MAVEN MATAMATA\1. Projects\J00606 UDL - Hemmings Station Rd\8. Drawing\2. CAD\3. Design\C2350 - ESC SD.dwg

ORIGINAL SIZE: A3



150mm
100
80
60
40
20
0



BULK EARTH WORKS

CUT VOLUME 33335 m³
FILL VOLUME 77294 m³
NET FILL 43958 m³

TOPSOIL STRIPPED (200mm) = 39726 m³
EARTHWORKS AREA = 225800 m²

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

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	C

RESOURCE CONSENT

DATE: 11/10/25

FILE PATH: F:\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\C2200 - PGL.DWG