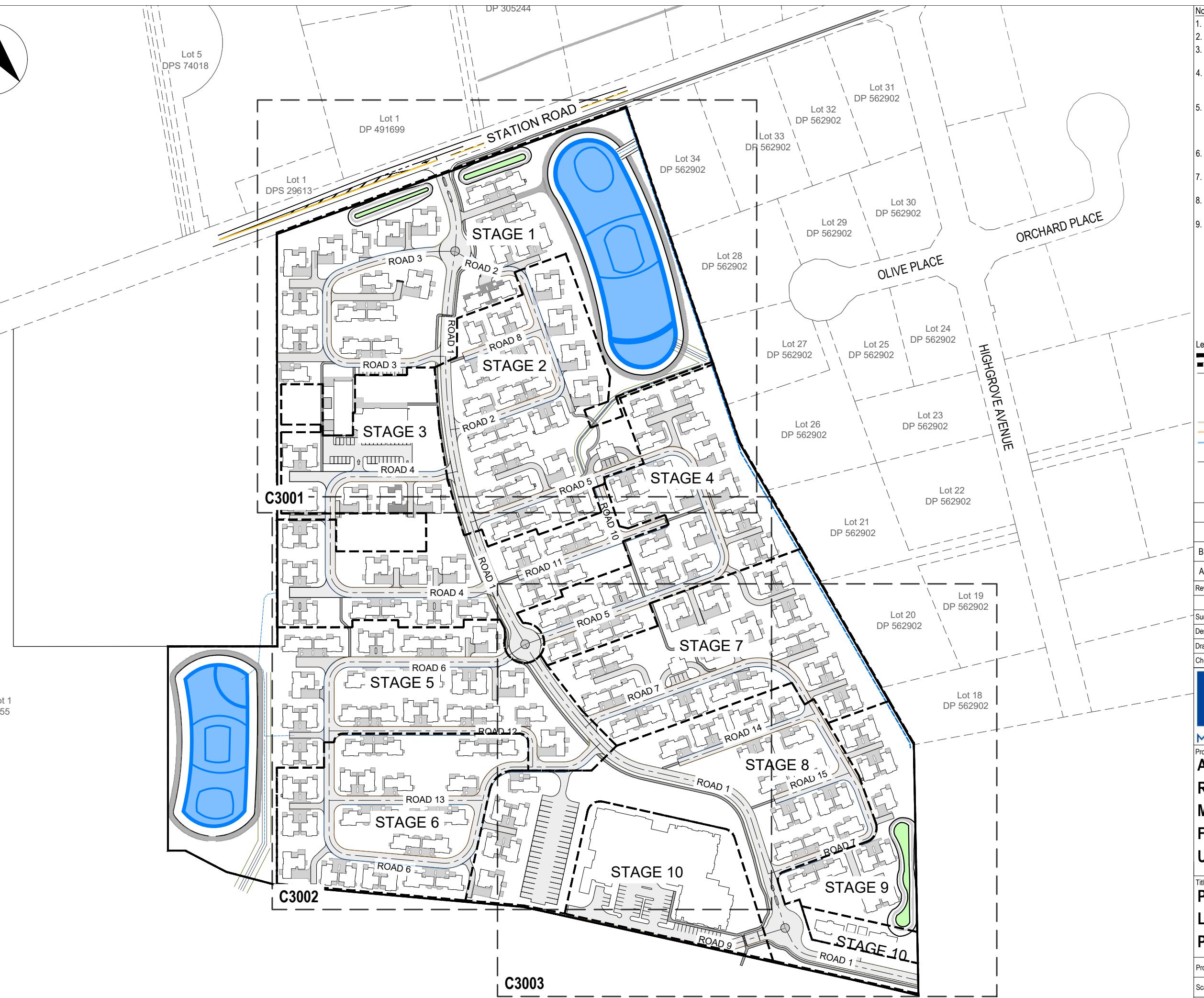


## FOR CONSENT



## Notes

Levels in terms of NZVD 2016.  
Co-ordinates in terms of the Mount Eden 2000.  
All works to be in accordance with RITS  
standards.  
Existing services shown are from B4UDIG and  
are indicative only. Contractor to locate the  
existing services prior to construction.  
Contractor to protect the existing infrastructure  
and any damage to existing infrastructure during  
construction is to be reinstated at the contractor's  
cost.  
Final pavement design subject to CBR/Beam  
tests on subgrade material.  
All concrete to be ordinary grade 20MPa at 28  
days.  
Refer to C3004-C3010 drawings for long section  
details  
Refer to C3300 drawings for cross section details.

## Legend

B	FOR CONSENT	KQ	04/23
A	FOR REVIEW	DP	01/23

A	REVIEW	By	Date
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	KQ	04/2025	
Drawn	KQ	04/2025	
Checked	MK	04/2025	



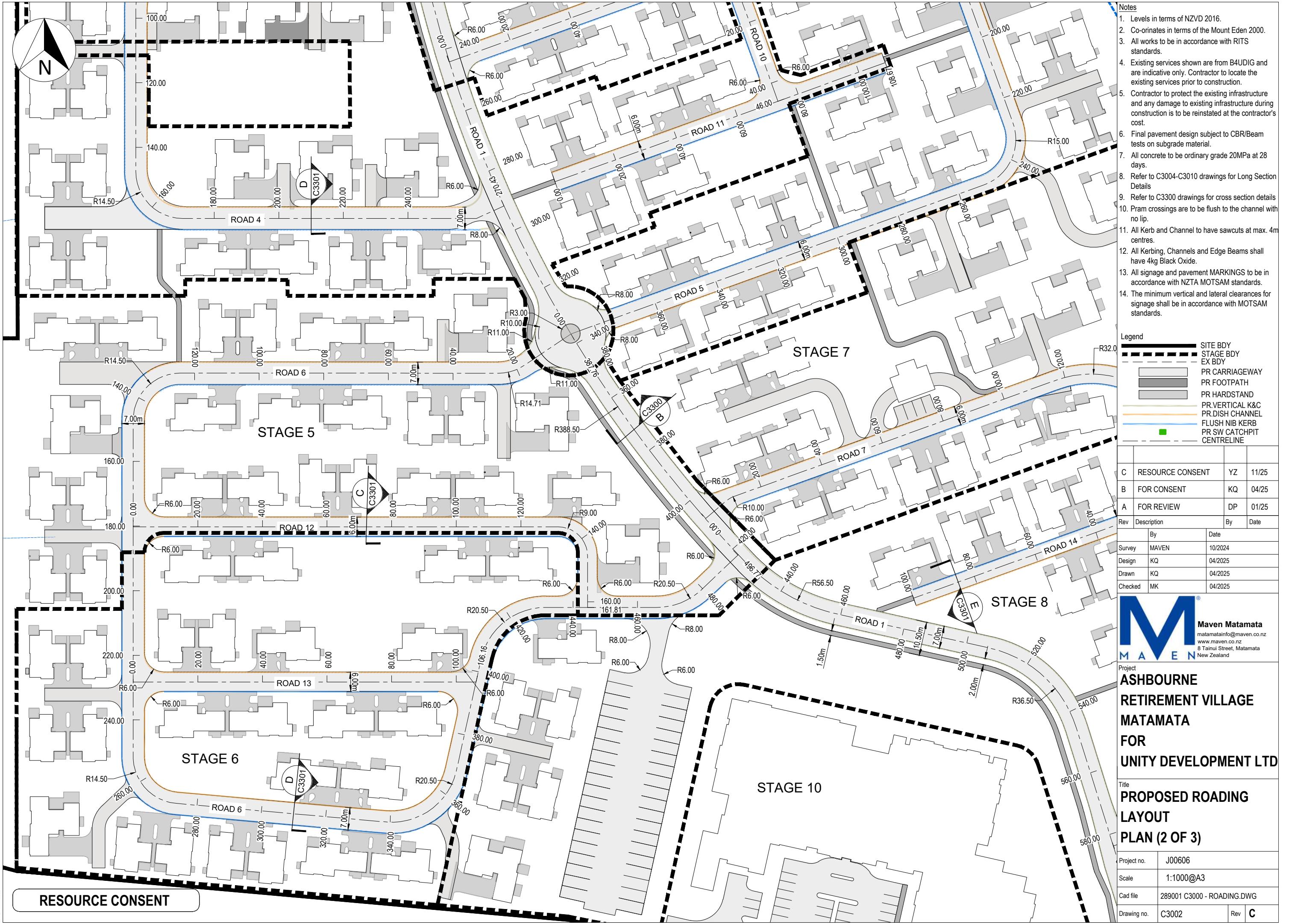
**Maven Matamata**  
matamatainfo@maven.co.nz  
[www.maven.co.nz](http://www.maven.co.nz)  
8 Tainui Street, Matamata  
Waikato 3200

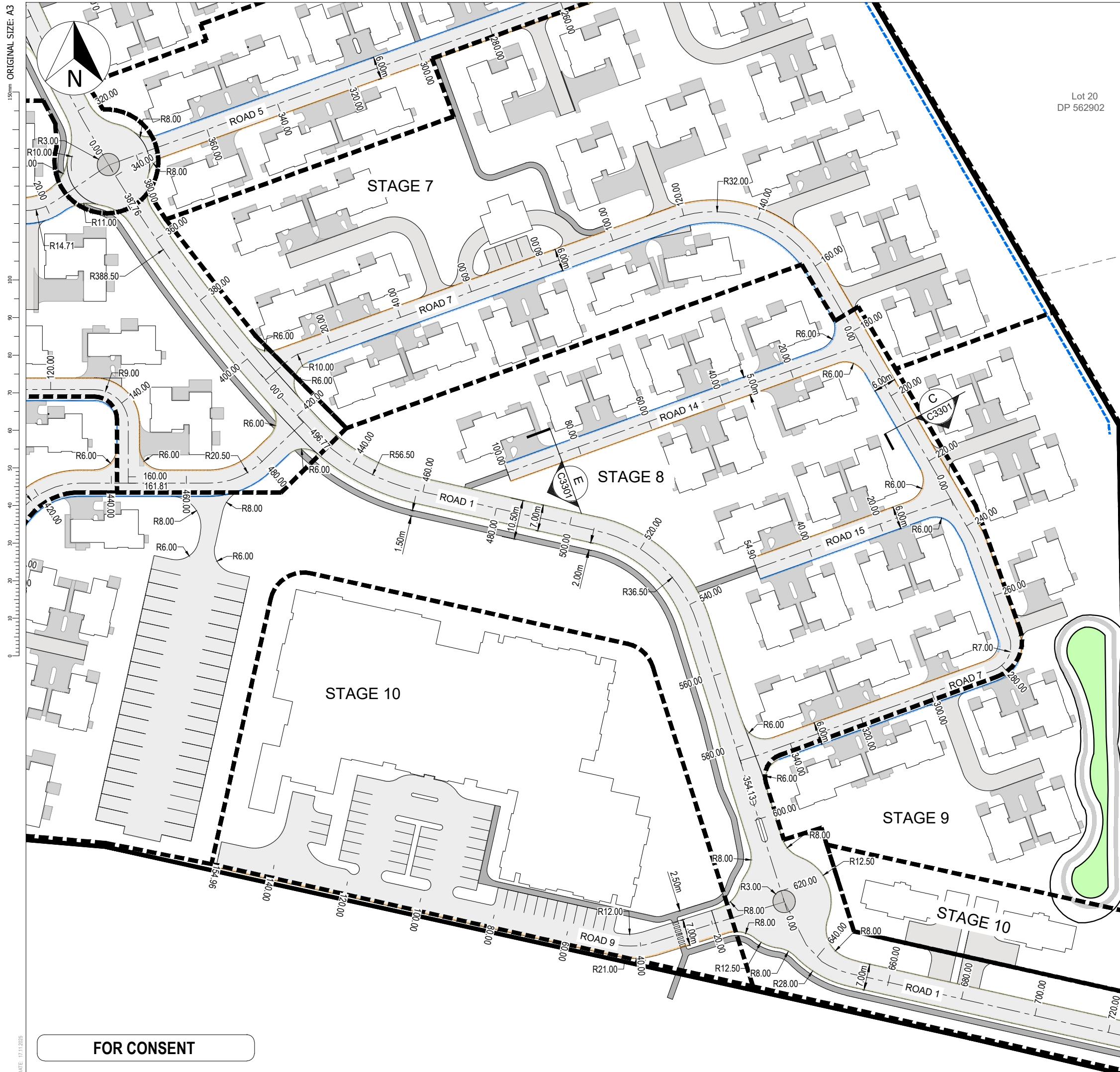
Project  
**ASHBOURNE**  
**RETIREMENT VILLAGE**  
**MATAMATA**  
**FOR**

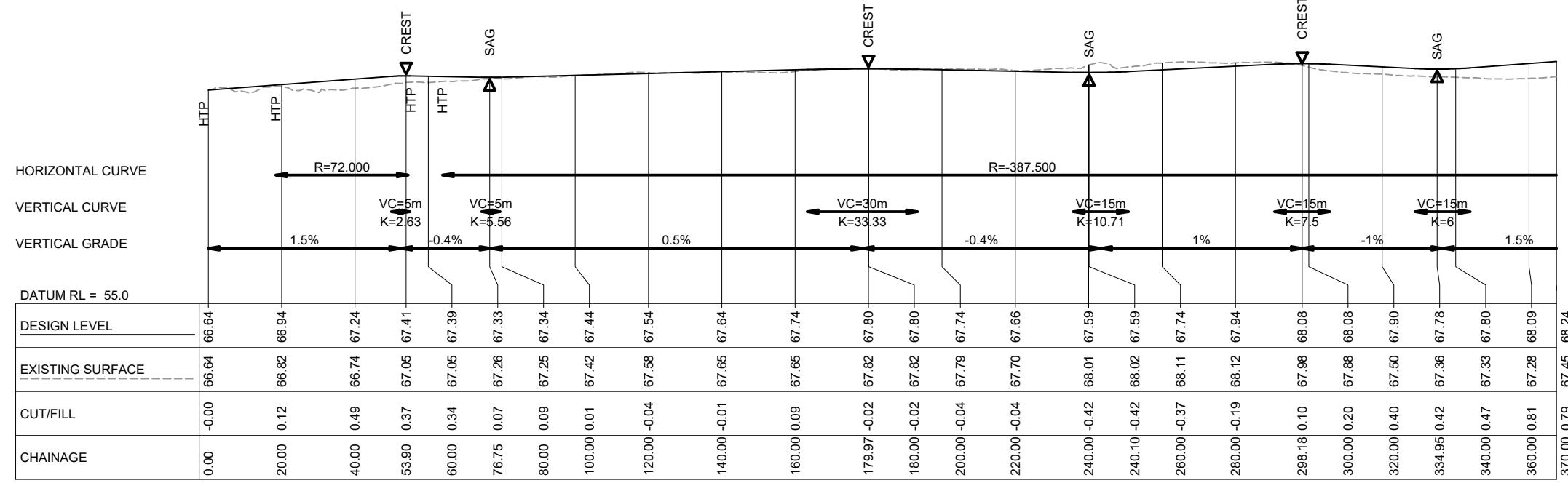
Title  
**PROPOSED ROADING  
LAYOUT OVERVIEW  
PLAN**

Project no.	J00606		
Scale	1:2500@A3		
Cad file	289001 C3000 - ROADING.DWG		
Drawing no.	C3000	Rev	<b>B</b>



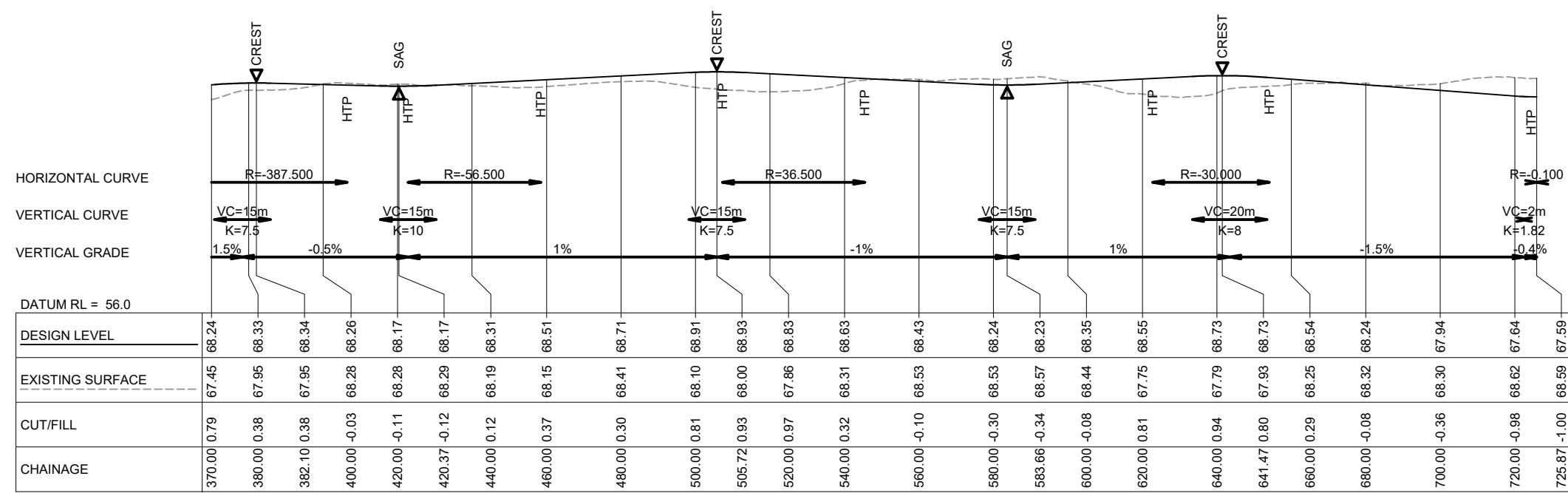






Notes

1. Levels in terms of NZVD 2016.
2. Co-ordinates in terms of the Mount Eden 2000.
3. All works to be in accordance with RITS standards.
4. Existing services shown are from B4UDIG and are indicative only. Contractor to locate the existing services prior to construction.
5. Contractor to protect the existing infrastructure and any damage to existing infrastructure during construction is to be reinstated at the contractor's cost.
6. Final pavement design subject to CBR/Beam tests on subgrade material.
7. All concrete to be ordinary grade 20MPa at 28 days.
8. Refer to C3300 drawings for cross section details.



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 KQ 04/2025

Checked MK 04/2025



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

Title **PROPOSED ROADING LONG-SECTION PLAN (1 OF 7)**

Project no. J00606

Scale AS SHOWN @A3

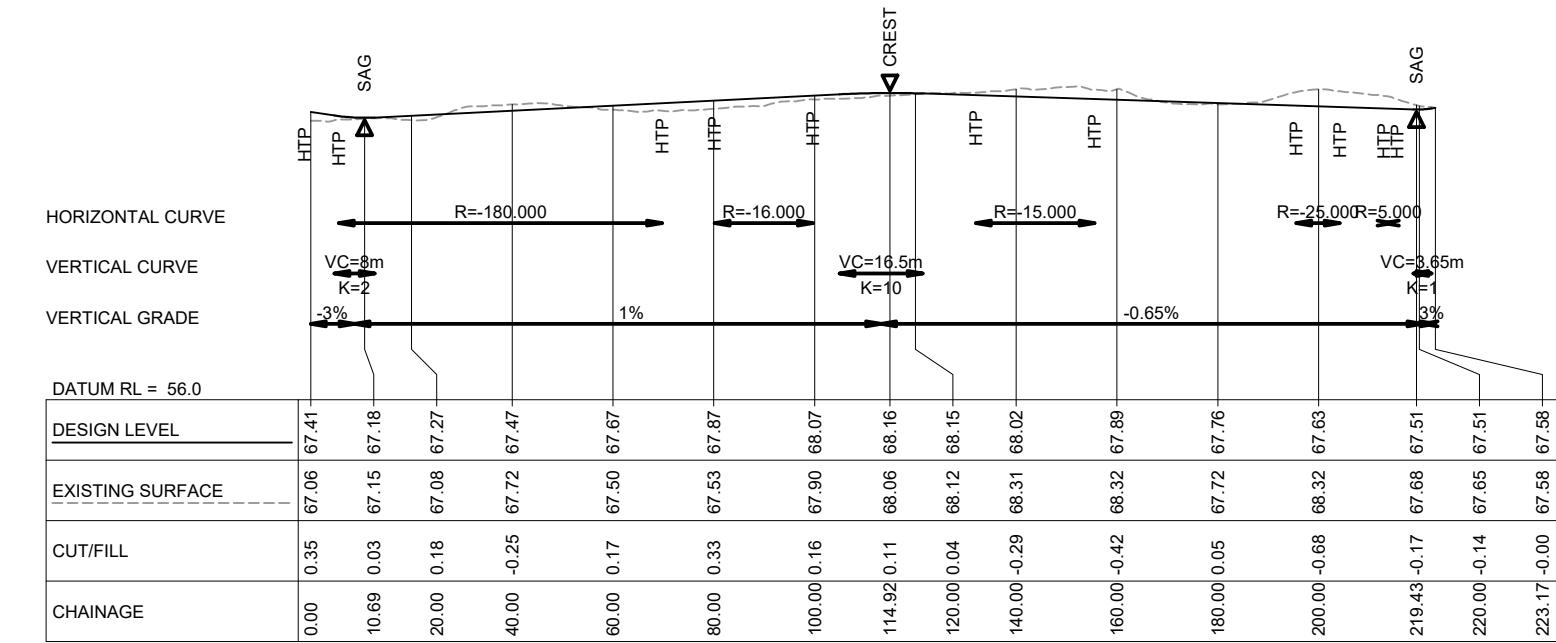
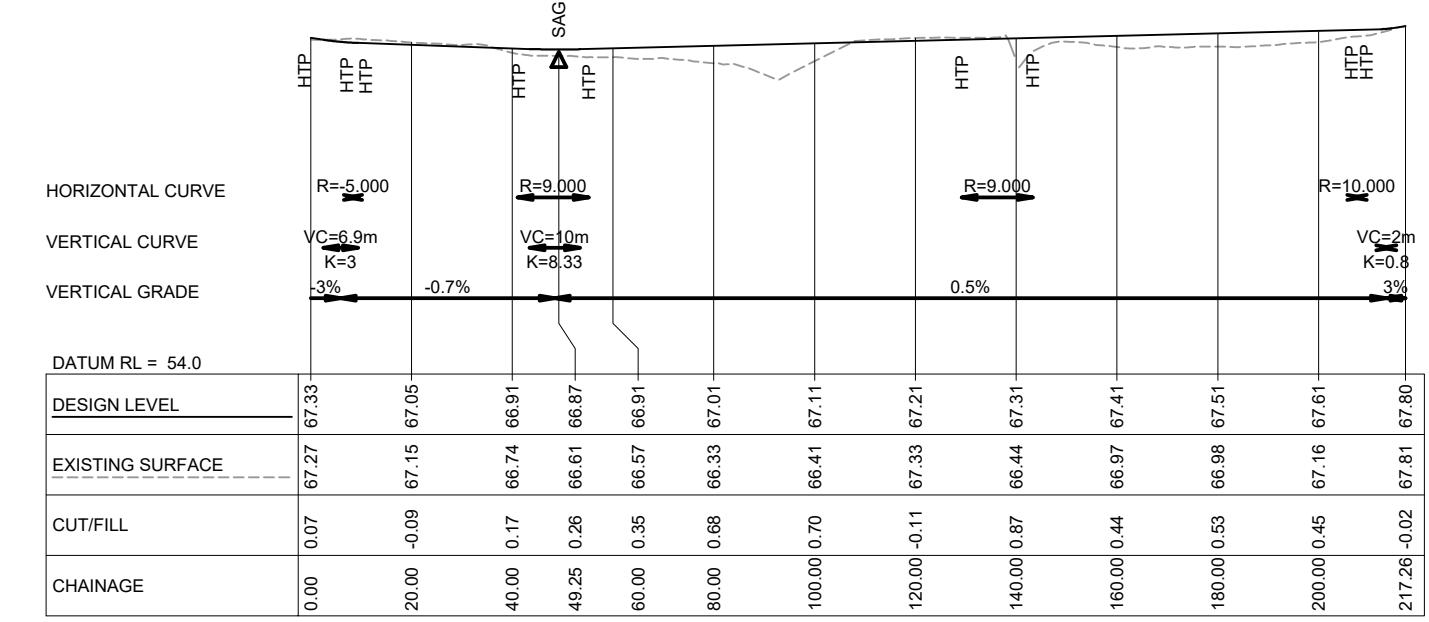
Cad file 289001 C3000 - ROADING.DWG

Drawing no. C3004 Rev B

LONGITUDINAL SECTION - ROAD 1

SCALE Hori 1:1000 Vert 1:200

FOR CONSENT



Notes

1. Levels in terms of NZVD 2016.
2. Co-ordinates in terms of the Mount Eden 2000.
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5. Contractor to protect the existing infrastructure and any damage to existing infrastructure during construction is to be reinstated at the contractor's cost.
6. Final pavement design subject to CBR/Beam tests on subgrade material.
7. All concrete to be ordinary grade 20MPa at 28 days.
8. Refer to C3300 drawings for cross section details.

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	MK	04/2025	

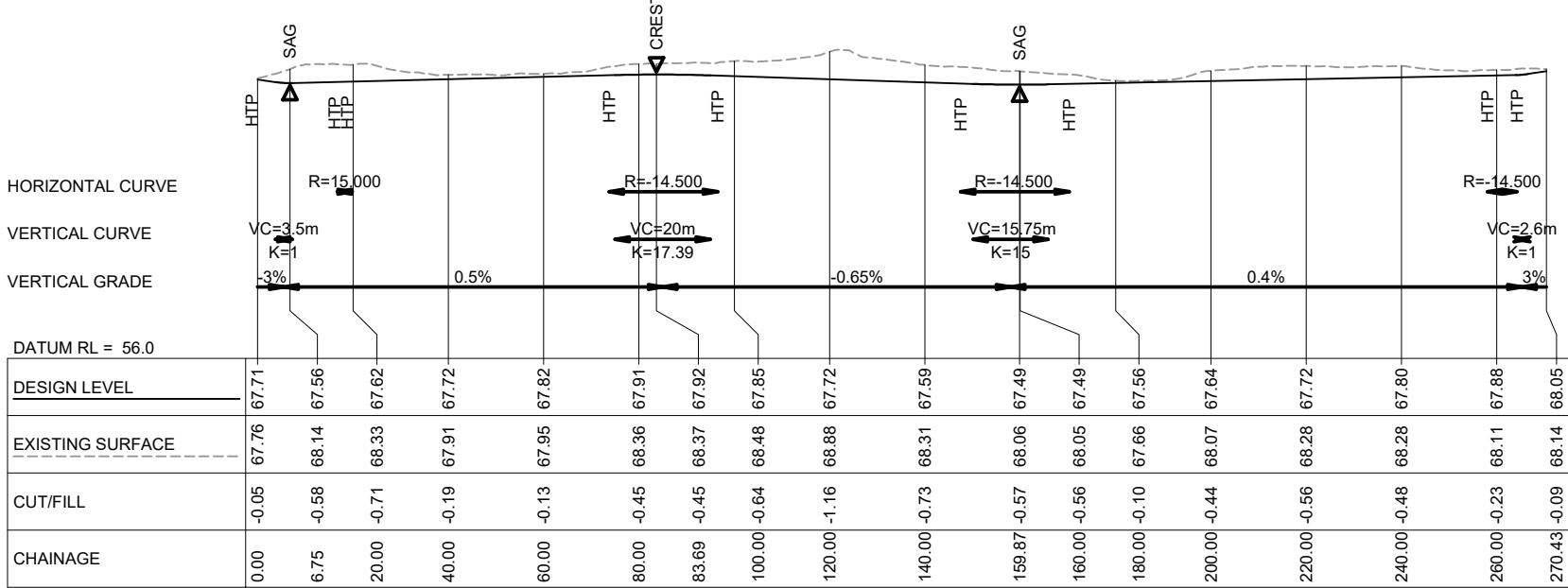


Project  
**ASHBOURNE**  
**RETIREMENT VILLAGE**  
**MATAMATA**  
**FOR**  
**UNITY DEVELOPMENT LTD**

Title  
**PROPOSED ROADING**  
**LONG-SECTION**  
**PLAN(2 OF 7)**

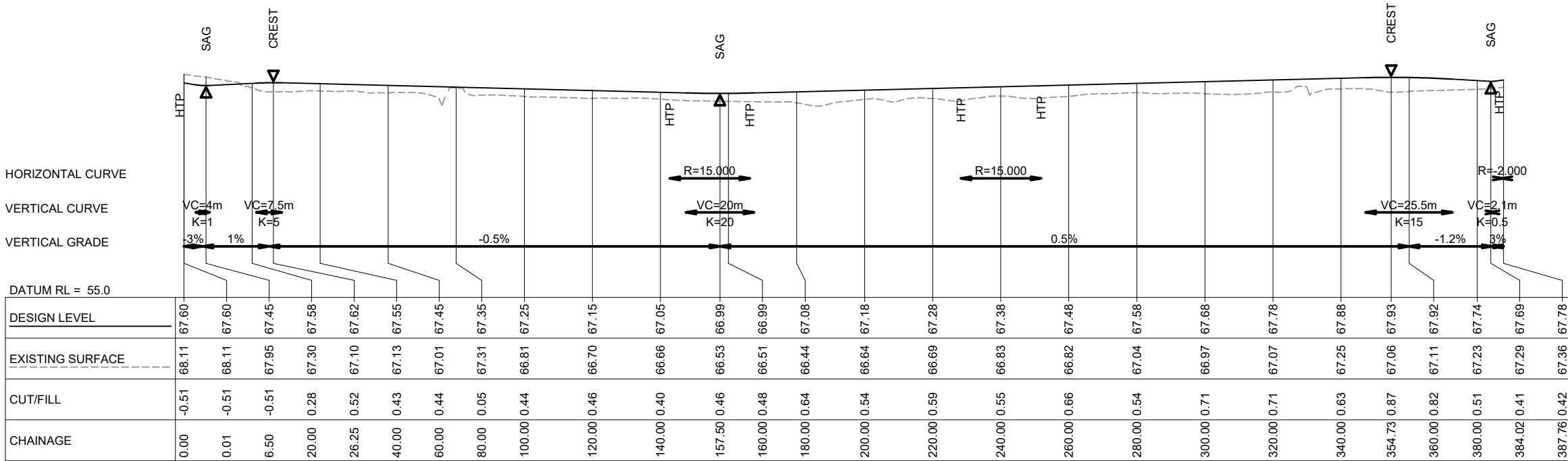
Project no.	J00606	
Scale	AS SHOWN@A3	
Cad file	289001 C3000 - ROADING.DWG	
Drawing no.	C3005	Rev B

FOR CONSENT



LONGITUDINAL SECTION - ROAD 4

SCALE Hori 1:1000 Vert 1:200



LONGITUDINAL SECTION - ROAD 5

SCALE Hori 1:1000 Vert 1:200

FOR CONSENT

Notes

1. Levels in terms of NZVD 2016.
2. Co-ordinates in terms of the Mount Eden 2000.
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5. Contractor to protect the existing infrastructure and any damage to existing infrastructure during construction is to be reinstated at the contractor's cost.
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7. All concrete to be ordinary grade 20MPa at 28 days.
8. Refer to C3300 drawings for cross section details.

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	MK		04/2025



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

Title  
**PROPOSED ROADING**  
**LONG-SECTION**  
**PLAN(3 OF 7)**

Project no.	J00606		
Scale	AS SHOWN@A3		
Cad file	289001 C3000 - ROADING.DWG		
Drawing no.	C3006	Rev	B



HORIZONTAL CURVE

VERTICAL CURVE

VERTICAL GRADE

DATUM RL = 56.0

DESIGN LEVEL	0.00	0.42	67.36	67.78
EXISTING SURFACE	5.25	0.24	67.41	67.65
CUT/FILL	20.00	-0.05	67.99	67.93
CHAINAGE	33.00	-0.19	68.30	68.11
	40.00	-0.29	68.37	68.08
	60.00	-0.4	68.38	67.98
	80.00	-0.14	68.03	67.88
	100.00	0.00	67.78	67.78
	120.00	0.07	67.61	67.68
	133.86	0.00	67.63	67.63
	140.00	-0.14	67.78	67.65
	160.00	0.07	67.67	67.74
	180.00	-0.02	67.87	67.84
	200.00	-0.00	67.95	67.94
	204.72	-0.04	67.99	67.95
	220.00	0.03	67.86	67.89
	240.00	0.04	67.75	67.79
	260.00	0.07	67.63	67.70
	263.00	-0.02	67.71	67.70
	280.00	0.10	67.66	67.76
	300.00	0.18	67.69	67.86
	320.00	0.38	67.59	67.96
	340.00	0.53	67.53	68.06
	360.00	0.56	67.60	68.16

## LONGITUDINAL SECTION - ROAD 6

SCALE Hori 1:1000 Vert 1:200

HORIZONTAL CURVE

VERTICAL CURVE

VERTICAL GRADE

DATUM RL = 56.0

DESIGN LEVEL	355.00	0.59	67.54	68.14
EXISTING SURFACE	360.00	0.56	67.60	68.16
CUT/FILL	380.00	0.33	67.94	68.26
CHAINAGE	400.00	0.28	68.08	68.36
	420.00	-0.01	68.47	68.46
	440.00	0.30	68.26	68.56
	456.25	0.42	68.22	68.64
	460.00	0.42	68.20	68.62
	480.00	-0.06	68.32	68.26
	484.38	-0.19	68.36	68.17
	491.66	-0.40	68.44	68.04
	496.77	-0.10	68.27	68.17

## LONGITUDINAL SECTION - ROAD 6

SCALE Hori 1:1000 Vert 1:200

FOR CONSENT

Notes

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2. Co-ordinates in terms of the Mount Eden 2000.
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6. Final pavement design subject to CBR/Beam tests on subgrade material.
7. All concrete to be ordinary grade 20MPa at 28 days.
8. Refer to C3300 drawings for cross section details.

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 KQ 04/2025

Checked MK 04/2025



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

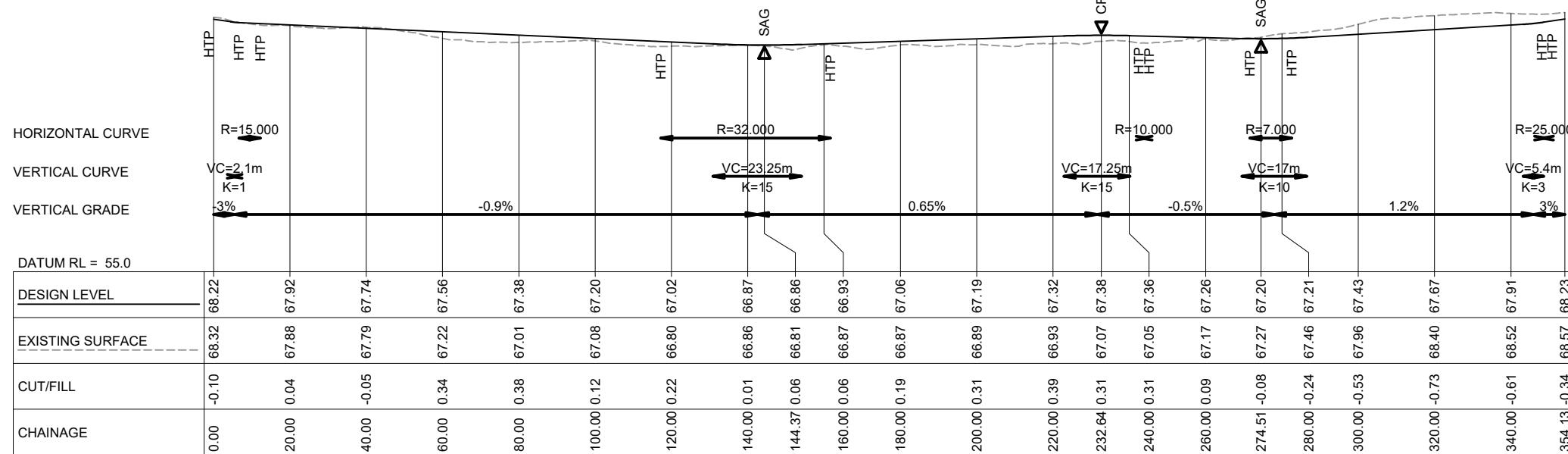
Title  
**PROPOSED ROADING LONG-SECTION PLAN(4 OF 7)**

Project no. J00606

Scale AS SHOWN@A3

Cad file 289001 C3000 - ROADING.DWG

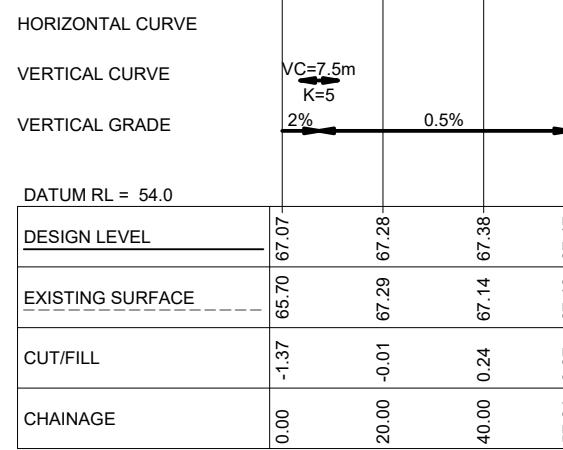
Drawing no. C3007 Rev B



Notes

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2. Co-ordinates in terms of the Mount Eden 2000.
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6. Final pavement design subject to CBR/Beam tests on subgrade material.
7. All concrete to be ordinary grade 20MPa at 28 days.
8. Refer to C3300 drawings for cross section details.

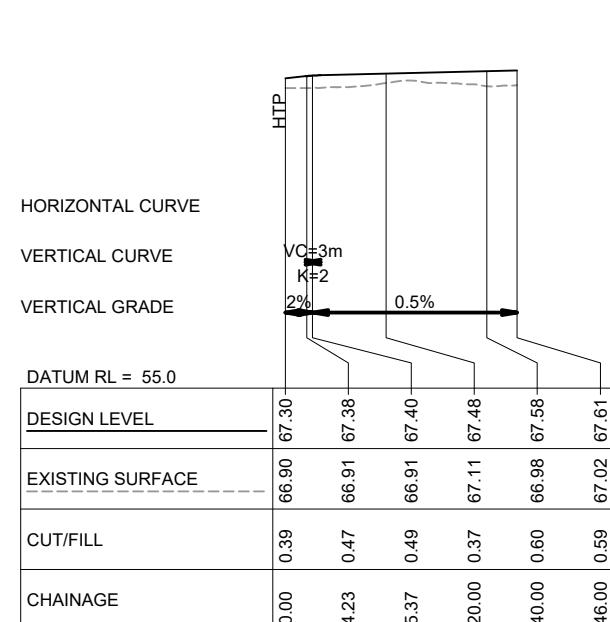
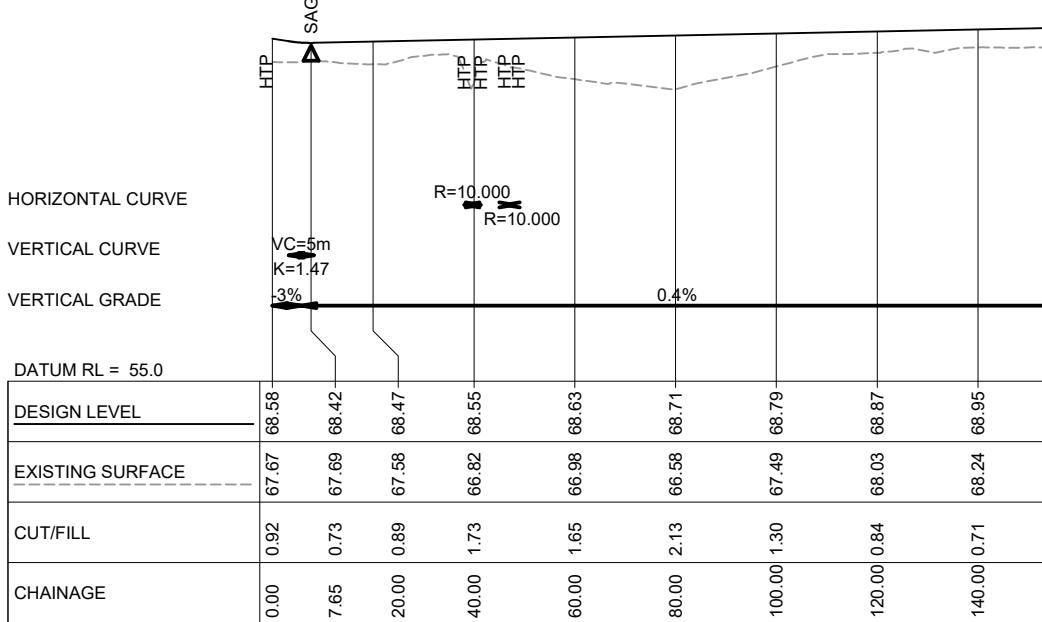
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A	FOR REVIEW	DP	01/25
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	KQ		04/2025
Drawn	KQ		04/2025
Checked	MK		04/2025
 <b>Maven Matamata</b> <small>matamatainfo@maven.co.nz www.maven.co.nz 8 Tainui Street, Matamata New Zealand</small>			
Project	<b>ASHBOURNE RETIREMENT VILLAGE MATAMATA FOR UNITY DEVELOPMENT LTD</b>		
Title	<b>PROPOSED ROADING LONG-SECTION PLAN(5 OF 7)</b>		
Project no.	J00606		
Scale	AS SHOWN@A3		
Cad file	289001 C3000 - ROADING.DWG		
Drawing no.	C3008	Rev	<b>B</b>



LONGITUDINAL SECTION - ROAD 8

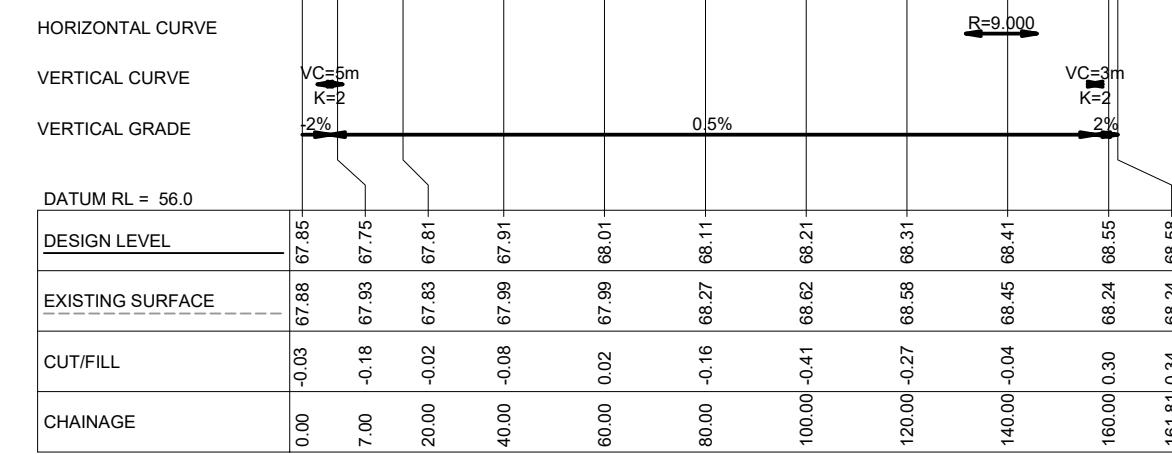
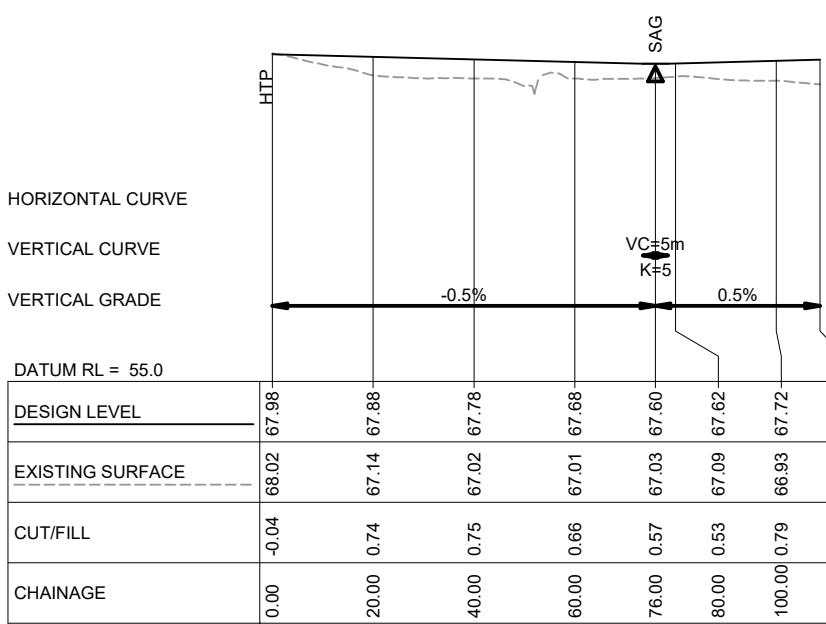
SCALE HORIZ 1:1000 VERT 1:200

**FOR CONSENT**



**Notes**

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2. Co-ordinates in terms of the Mount Eden 2000.
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B	FOR CONSENT	KQ	04/25
A	FOR REVIEW	DP	01/25
Rev	Description		

By	Date
Survey	MAVEN
Design	KQ
Drawn	KQ
Checked	MK

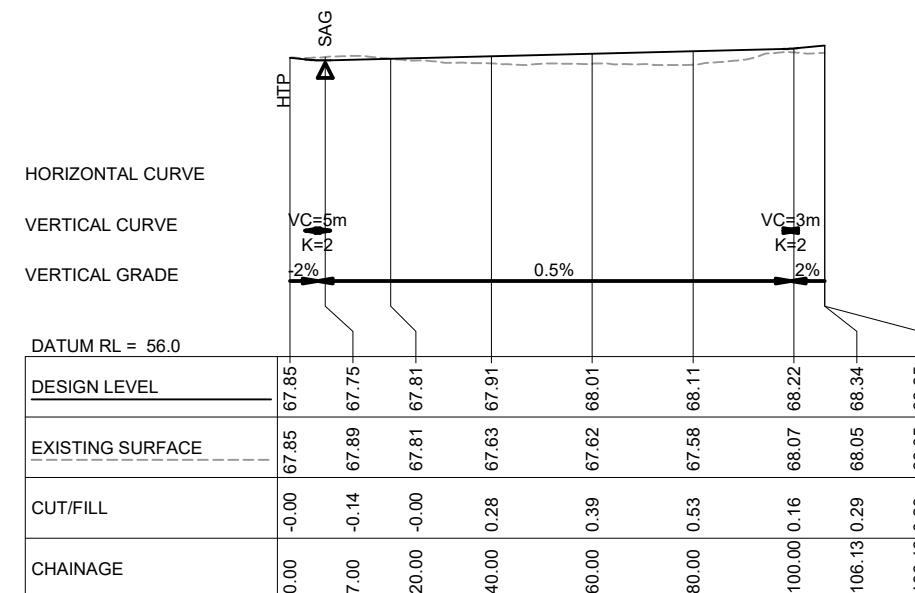


**Project**  
**ASHBOURNE**  
**RETIREMENT VILLAGE**  
**MATAMATA**  
**FOR**  
**UNITY DEVELOPMENT LTD**

**Title**  
**PROPOSED ROADING**  
**LONG-SECTION**  
**PLAN(6 OF 7)**

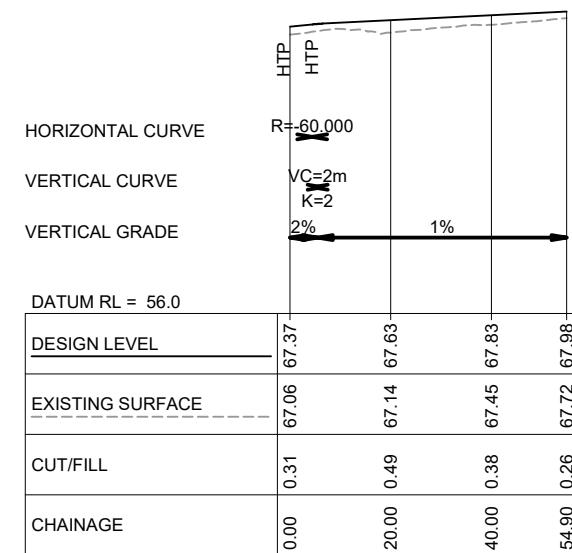
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Scale	AS SHOWN@A3		
Cad file	289001 C3000 - ROADING.DWG		
Drawing no.	C3009	Rev	B

**FOR CONSENT**



LONGITUDINAL SECTION - ROAD 13

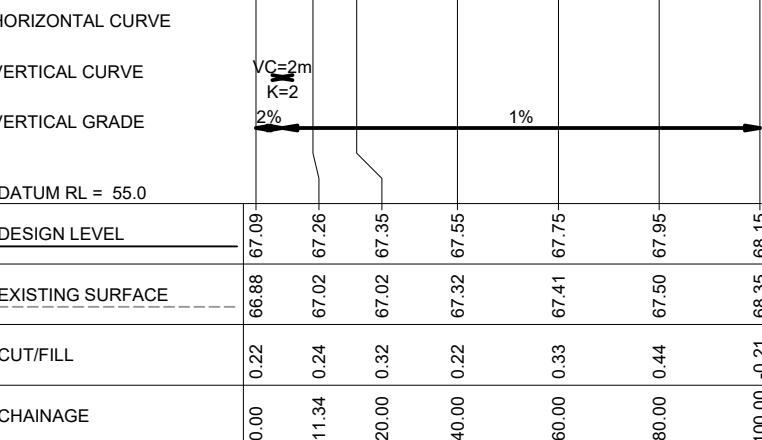
SCALE Hori 1:1000 Vert 1:200



LONGITUDINAL SECTION - ROAD 15

SCALE Hori 1:1000 Vert 1:200

FOR CONSENT



LONGITUDINAL SECTION - ROAD 14

SCALE Hori 1:1000 Vert 1:200

Notes

1. Levels in terms of NZVD 2016.
2. Co-ordinates in terms of the Mount Eden.
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7. All concrete to be ordinary grade 20MPa at 28 days.
8. Refer to C3300 drawings for cross section details.

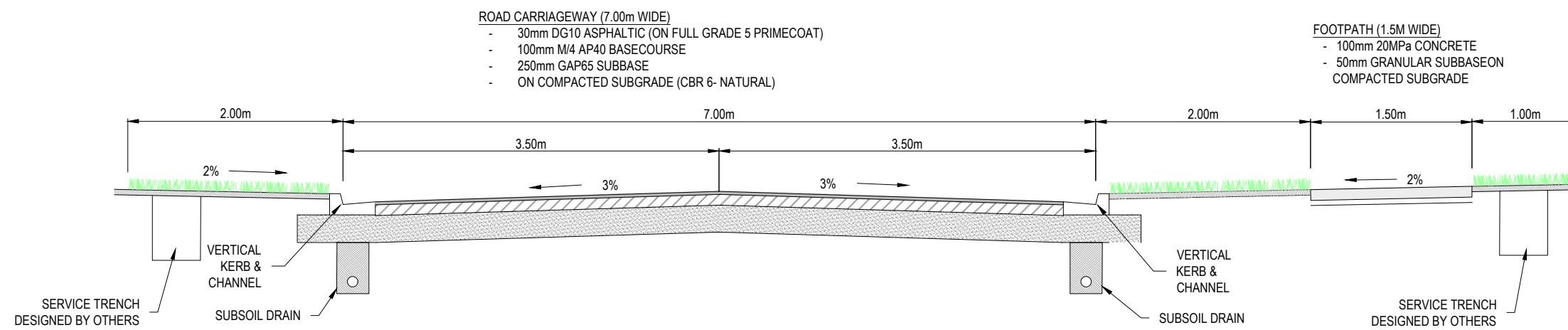
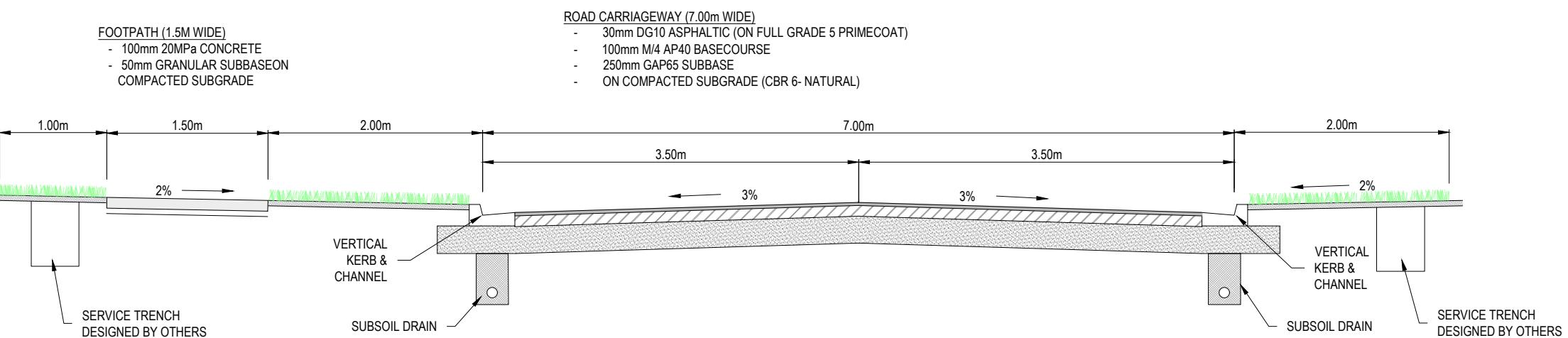
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A	FOR REVIEW	DP	01/25
Rev	Description	By	Date
	By		Date
Survey	MAVEN		10/2024
Design	KQ		04/2025
Drawn	KQ		04/2025
Checked	MK		04/2025



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

Title  
**PROPOSED ROADING**  
**LONG-SECTION**  
**PLAN(7 OF 7)**

Project no.	J00606		
Scale	AS SHOWN@A3		
Cad file	289001 C3000 - ROADING.DWG		
Drawing no.	C3010	Rev	B

**SECTION A - ROAD 1 CROSS SECTION****SECTION B - ROAD 1 CROSS SECTION****RESOURCE CONSENT**

**Notes**

1. Final pavement design subject to CBR/Beam tests on subgrade material.
2. All concrete to be ordinary grade 20MPa at 28 days.

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	KQ		04/2025
Checked	MK		04/2025



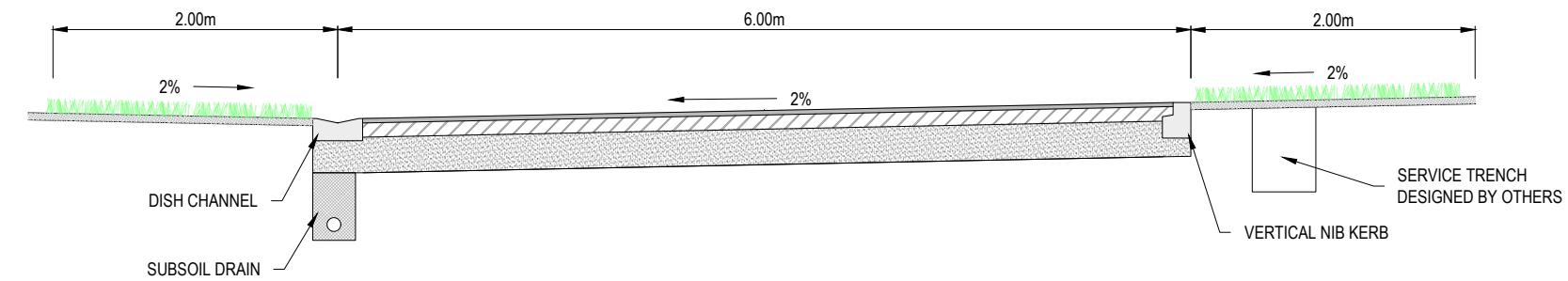
**Project**  
**ASHBOURNE**  
**RETIREMENT VILLAGE**  
**MATAMATA**  
**FOR**  
**UNITY DEVELOPMENT LTD**

**Title**  
**PROPOSED ROADING**  
**TYPICAL CROSS-SECTION**  
**(1 OF 2)**

Project no.	J00606	
Scale	1:25@A3	
Cad file	289001 C3000 - ROADING.DWG	
Drawing no.	C3000	Rev C

**ROAD CARRIAGEWAY (6.00m WIDE)**

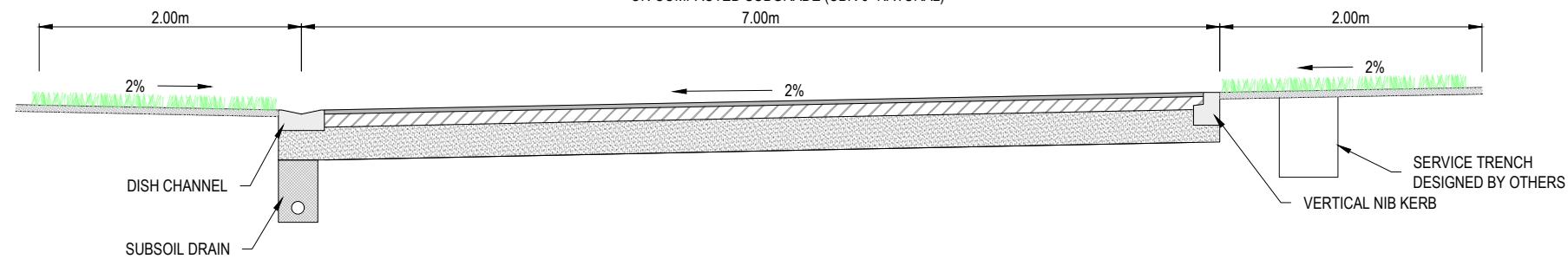
- 30mm DG10 ASPHALTIC (ON FULL GRADE 5 PRIMECOAT)
- 100mm M/4 AP40 BASECOURSE
- 250mm GAP65 SUBBASE
- ON COMPACTED SUBGRADE (CBR 6- NATURAL)



**SECTION C - ROAD 2 - ROAD 3 - ROAD 7 AND ROAD 12 CROSS SECTION**

**ROAD CARRIAGEWAY (6.00m WIDE)**

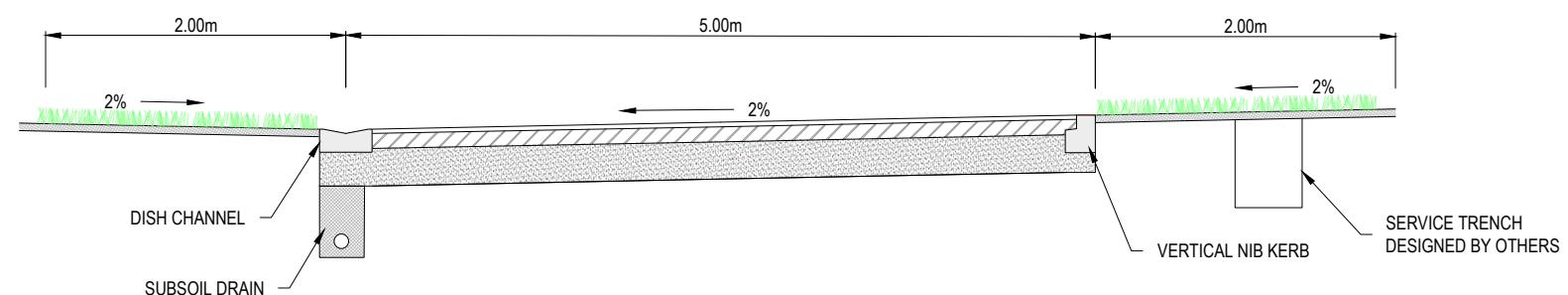
- 30mm DG10 ASPHALTIC (ON FULL GRADE 5 PRIMECOAT)
- 100mm M/4 AP40 BASECOURSE
- 250mm GAP65 SUBBASE
- ON COMPACTED SUBGRADE (CBR 6- NATURAL)



**SECTION D - ROAD 4 AND ROAD 6 CROSS SECTION**

**ROAD CARRIAGEWAY (5.00m WIDE)**

- 30mm DG10 ASPHALTIC (ON FULL GRADE 5 PRIMECOAT)
- 100mm M/4 AP40 BASECOURSE
- 250mm GAP65 SUBBASE
- ON COMPACTED SUBGRADE (CBR 6- NATURAL)



**SECTION E - ROAD 14 CROSS SECTION**

**Notes**

1. Final pavement design subject to CBR/Beam tests on subgrade material.
2. All concrete to be ordinary grade 20MPa at 28 days.

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	MK		04/2025



**Project**  
**ASHBOURNE**  
**RETIREMENT VILLAGE**  
**MATAMATA**  
**FOR**  
**UNITY DEVELOPMENT LTD**  
**Title**  
**PROPOSED ROADING**  
**TYPICAL CROSS-SECTION**  
**(2 OF 2)**

Project no.	J00606
Scale	1:50@A3
Cad file	289001 C3000 - ROADING.DWG
Drawing no.	C3301

**RESOURCE CONSENT**