



Lot 5  
DPS 74018

PLAN C4001

PLAN C4002

Lot 1  
DP 491699

Lot 1  
DPS 29613

STATION ROAD

Lot 34  
DP 562902

Lot 33  
DP 562902

Lot 32  
DP 562902

Lot 31  
DP 562902

Lot 30  
DP 562902

Lot 29  
DP 562902

Lot 28  
DP 562902

OLIVE PLACE

Lot 24  
DP 562902

Lot 25  
DP 562902

Lot 27  
DP 562902

HIGHGROVE AVENUE

Lot 23  
DP 562902

Lot 26  
DP 562902

Lot 21  
DP 562902

Lot 22  
DP 562902

Lot 19  
DP 562902

Lot 20  
DP 562902

Lot 18  
DP 562902

Part Lot 1  
DP 21055

PLAN C4003

PLAN C4004

PLAN C4005

PLAN C4006

ROAD 3

ROAD 2

ROAD 1

ROAD 5

ROAD 4

ROAD 2

ROAD 1

ROAD 4

ROAD 6

ROAD 12

ROAD 13

ROAD 6

ROAD 7

ROAD 1

ROAD 15

ROAD 9

ROAD

ORCHARD PLACE

#### NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
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5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
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11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.
12. PIPE WITH LESS THAN 600mm COVER TO BE CONCRETE ENCASED FOR PROTECTION OR RE-GRADED TO ACHIEVE COVER.

#### LEGEND

	EX BDY
	PROP BDY
	EX STORMWATER
	PR STORMWATER
	EX/PR SWALE
	EX/PROP SWMH
	PROP SWCP SINGLE
	PROP SWCP DOUBLE
	PR LOT CONNECTION

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	DIJ		11/2025
Drawn	DIJ		11/2025
Checked	MS		11/2025

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Auckland 1023

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

Title  
**PROPOSED  
STORMWATER DRAINAGE  
OVERVIEW PLAN**

Project no.	289001		
Scale	1:2500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4000	Rev	<b>A</b>

RESOURCE CONSENT





10-YEAR AEP RUNOFF TO BE DIVERTED  
VIA ROAD KERB AND CHANNEL TO RAIN GARDEN

STATION ROAD

W  
15  
LL=6  
IL=65.20 (WL01 OUT O

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  - PR STORMWATER
  - EX/PR SWALE
  - EX/PROP SWMH
  - PROP SWCP SINGLE
  - PROP SWCP DOUBLE
  - PR LOT CONNECTION

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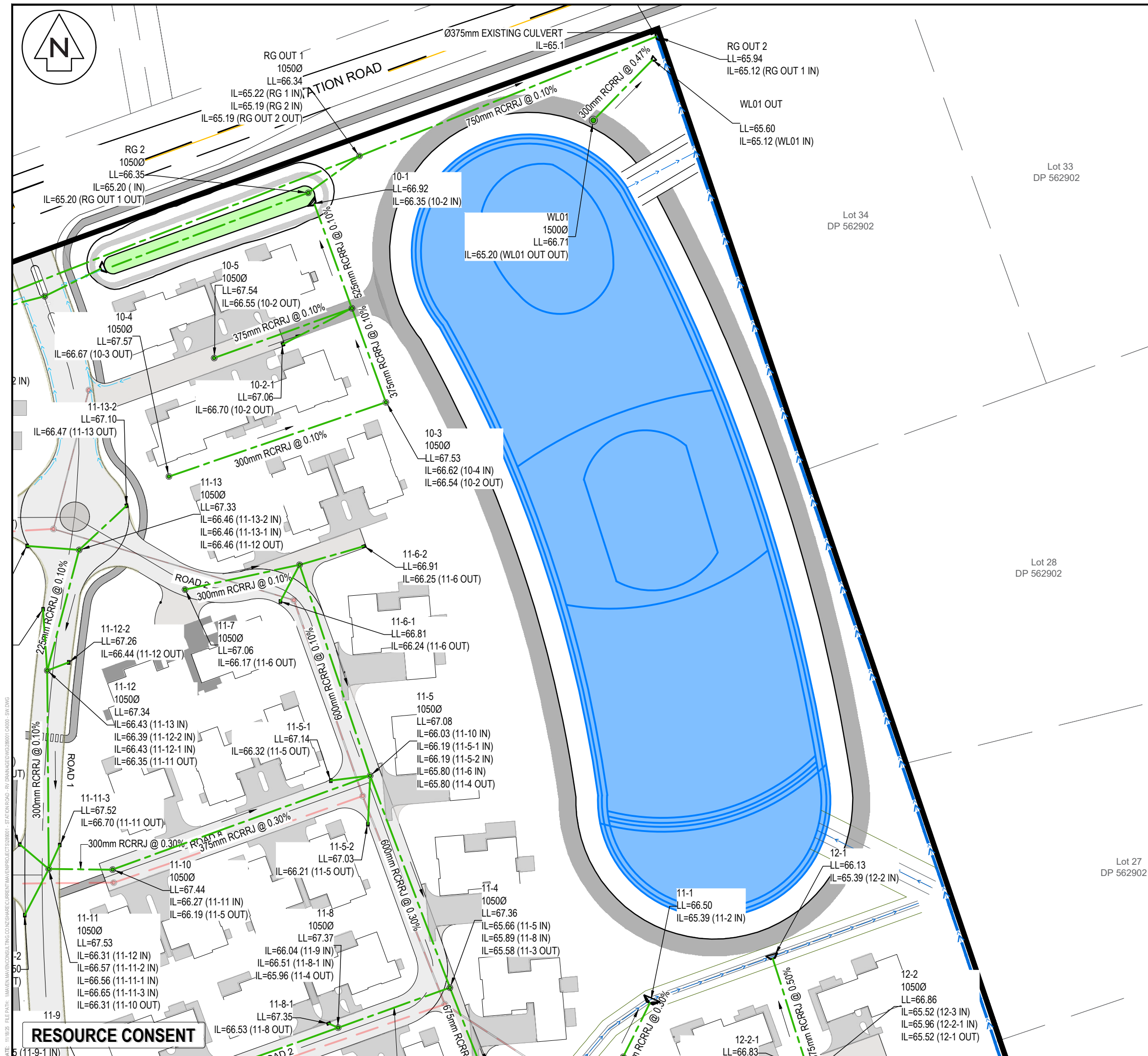
Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
STORMWATER DRAINAGE  
PLAN**

Project no.	289001
Scale	1:750 @ A3
Cad file	289001 C4000 - SW.DWG
Drawing no.	C4001
Rev	A

RESOURCE CONSENT

DATE: 11/10/25 FILE PATH: \\MAVEN\MAVENCONSULTING\NZ\SHARED\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV.DWG



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RETIREMENT VILLAGE  
MATAMATA  
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—	PR STORMWATER
—	EX/PR SWALE
○	EX/PROP SWMH
□	PROP SWCP SINGLE
□	PROP SWCP DOUBLE
→	PR LOT CONNECTION

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Project

**ASHBOURNE  
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Title

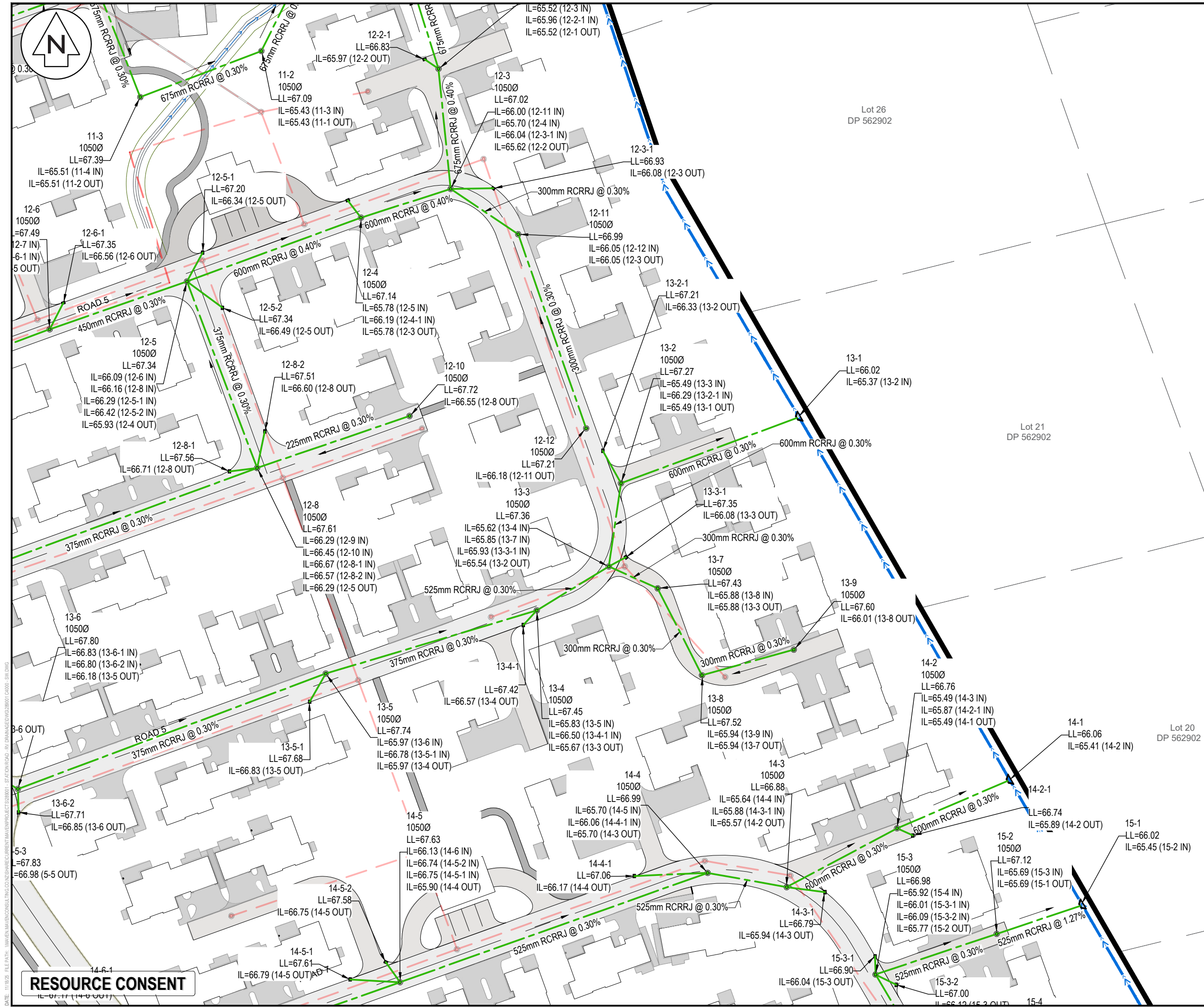
**PROPOSED  
STORMWATER DRAINAGE  
PLAN**

Project no.	289001
Scale	1:750 @ A3
Cad file	289001 C4000 - SW.DWG
Drawing no.	C4003
Rev	<b>A</b>

DATE: 11/10/25 FILE PATH: \\MVEN\MAVEN\CONSULTING\CO\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG

**RESOURCE CONSENT**





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Survey	MAVEN		10/2024
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Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
STORMWATER DRAINAGE  
PLAN**

Project no.	289001
Scale	1:750 @ A3
Cad file	289001 C4004 - SW.DWG
Drawing no.	C4004
Rev	A

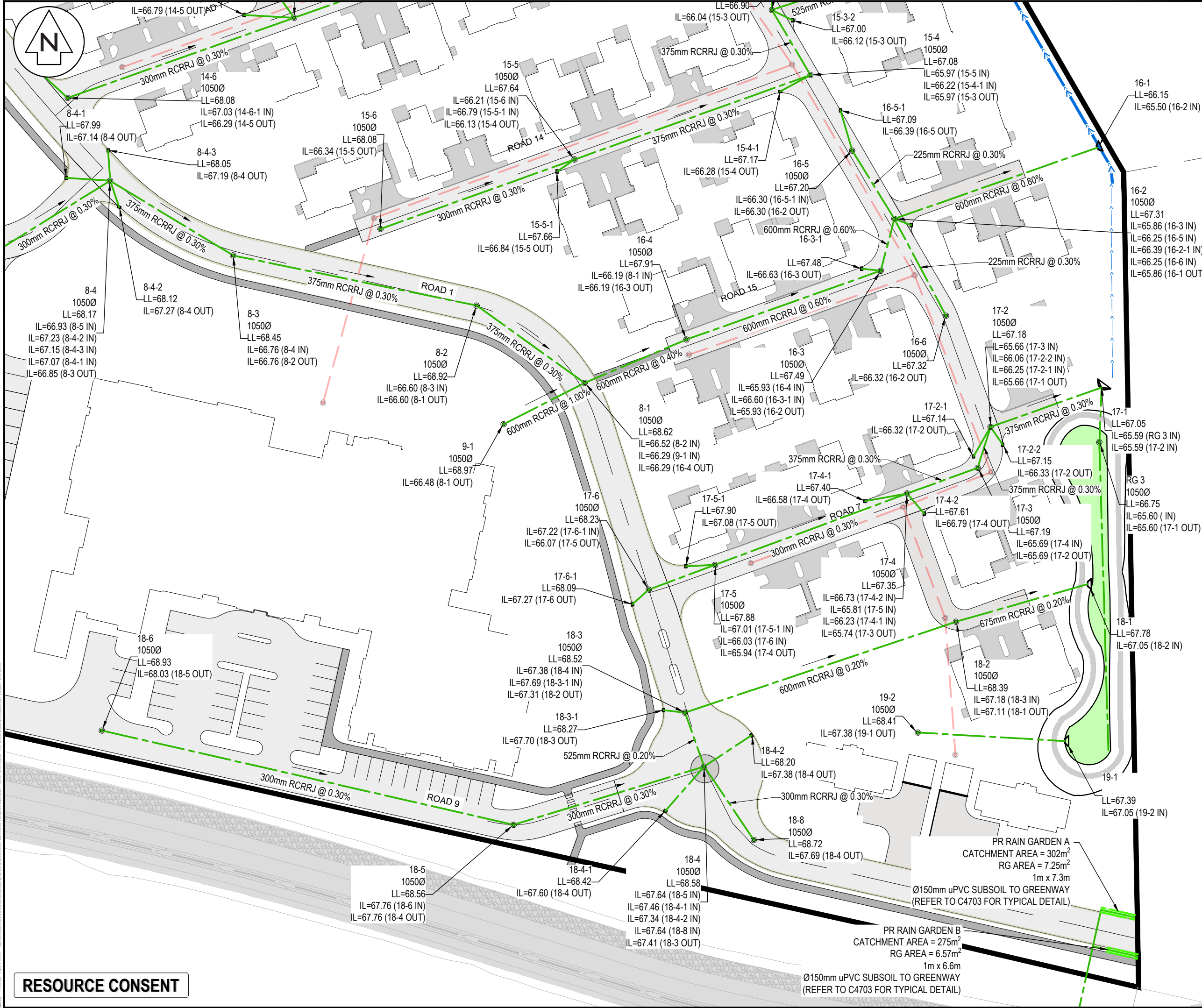
DATE: 11/10/25 FILEPATH: \\MVEN\MAVEN\CONSULTING\NZ\ASHBOURNE\PROJECTS\289001 - STATION ROAD - RV\DRAMA\DWG\289001\_C4004 - SW.DWG

**RESOURCE CONSENT**









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	EX/PROP SWMH
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	PROP SWCP DOUBLE
	PR LOT CONNECTION

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
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Survey	MAVEN		10/2024
Design	DIJ		11/2025
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Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
STORMWATER DRAINAGE  
PLAN**

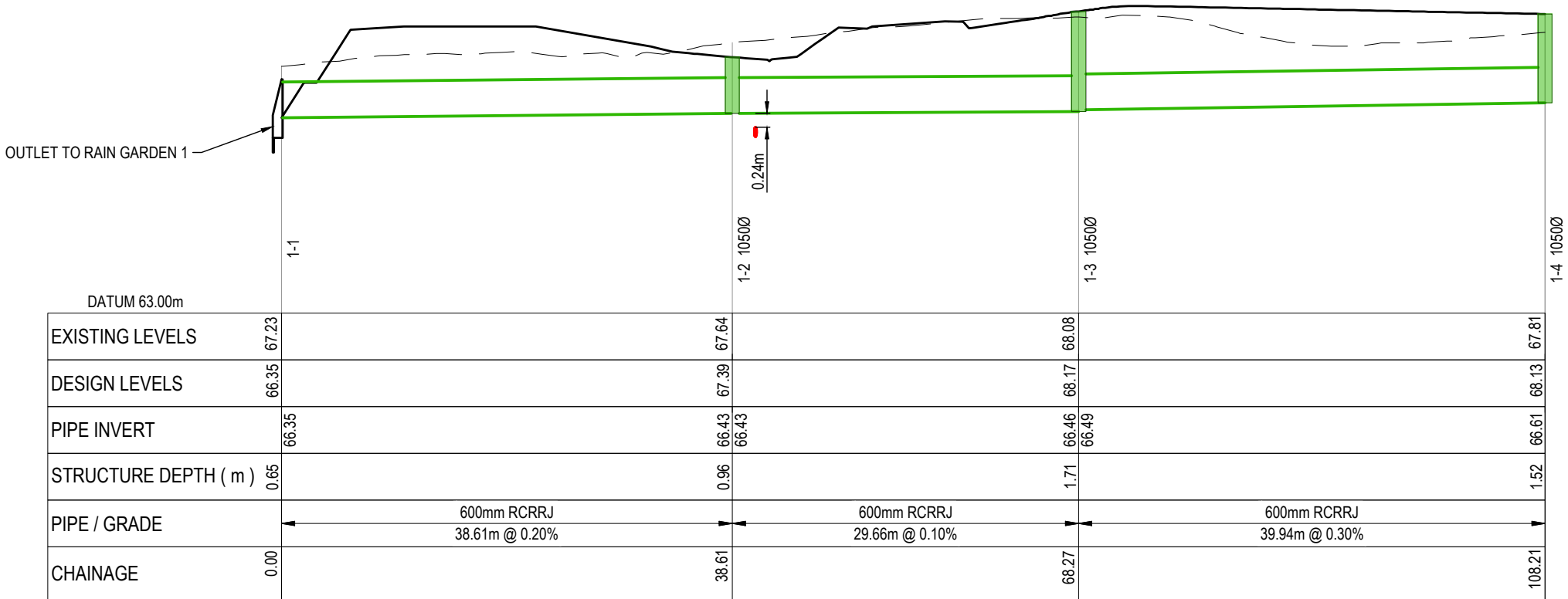
Project no.	289001
Scale	1:750 @ A3
Cad file	289001 C4000 - SW.DWG
Drawing no.	C4006
Rev	<b>A</b>

**RESOURCE CONSENT**

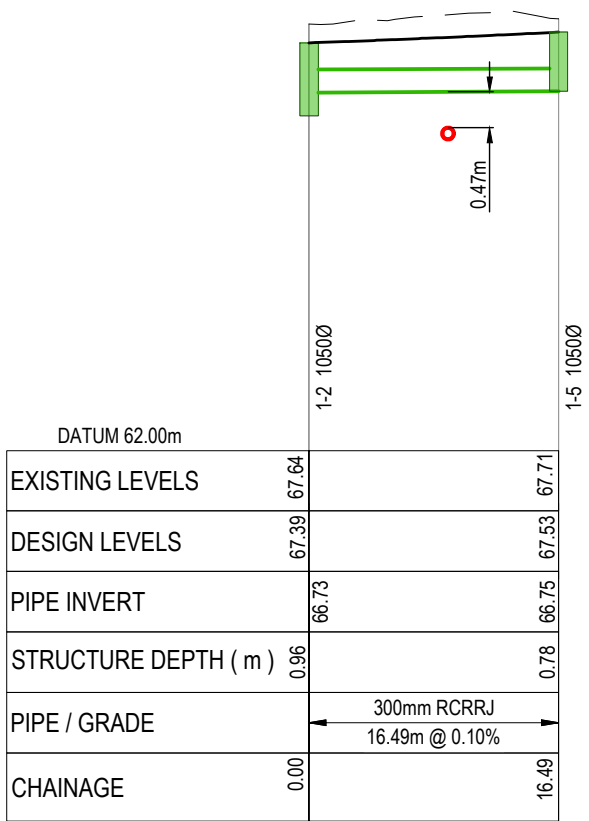
DATE: 11/18/25 FILE PATH: \\MVEN\MAVENCONSULTING\CD\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 - SW.DWG



DATE: 11/18/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4200 - SW.DWG



PR-SW 1-1 TO 1-4  
SCALE: HORI 1:500 VERT 1:100



PR-SW 1-2 TO 1-5  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

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LEGEND

— — — — — EX GROUND LEVEL  
— — — — — PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
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Project

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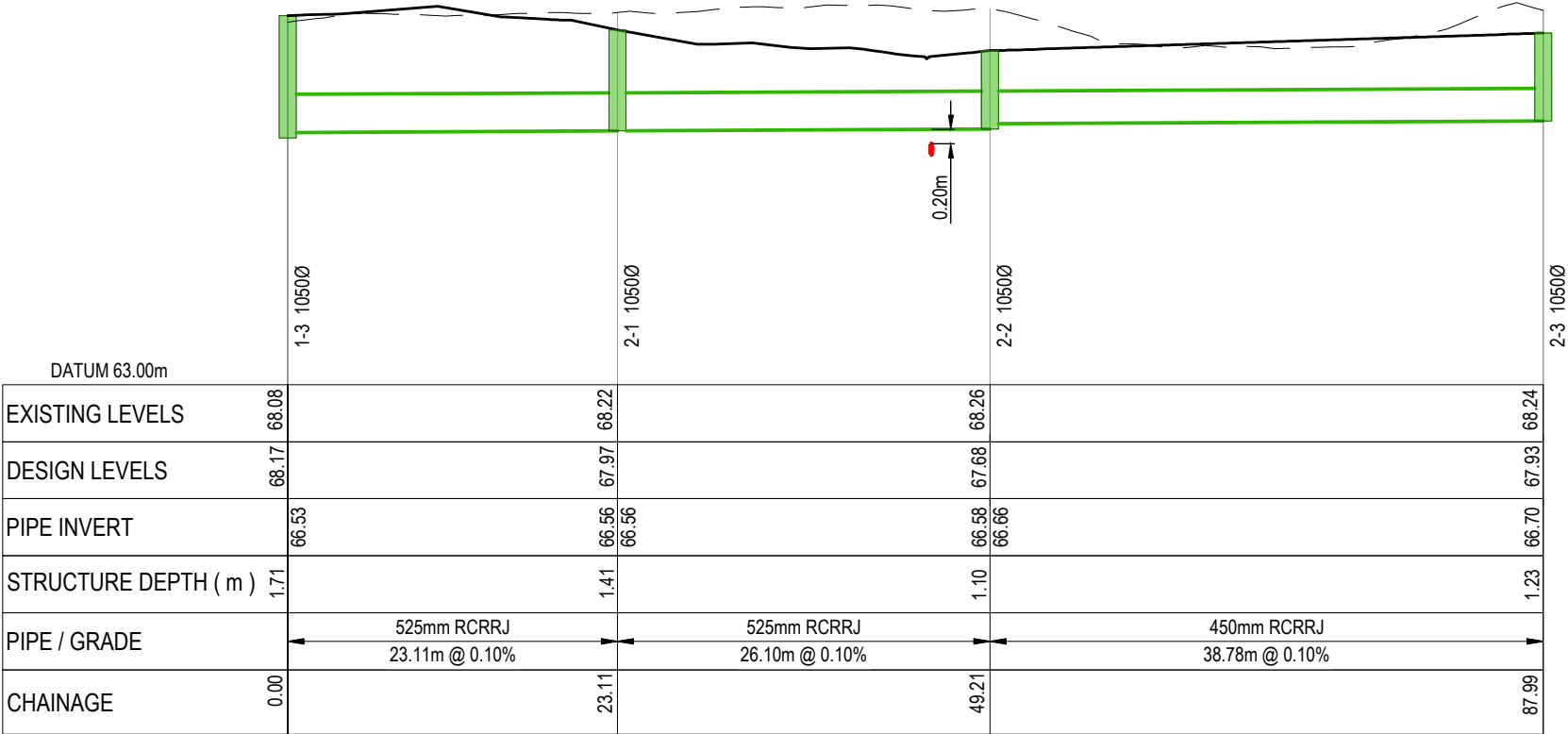
Title

**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4200	Rev	<b>A</b>



DATE: 11/18/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 2-1 TO 2-3  
SCALE: HORI 1:500 VERT 1:100

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— — — — — PR GROUND LEVEL  
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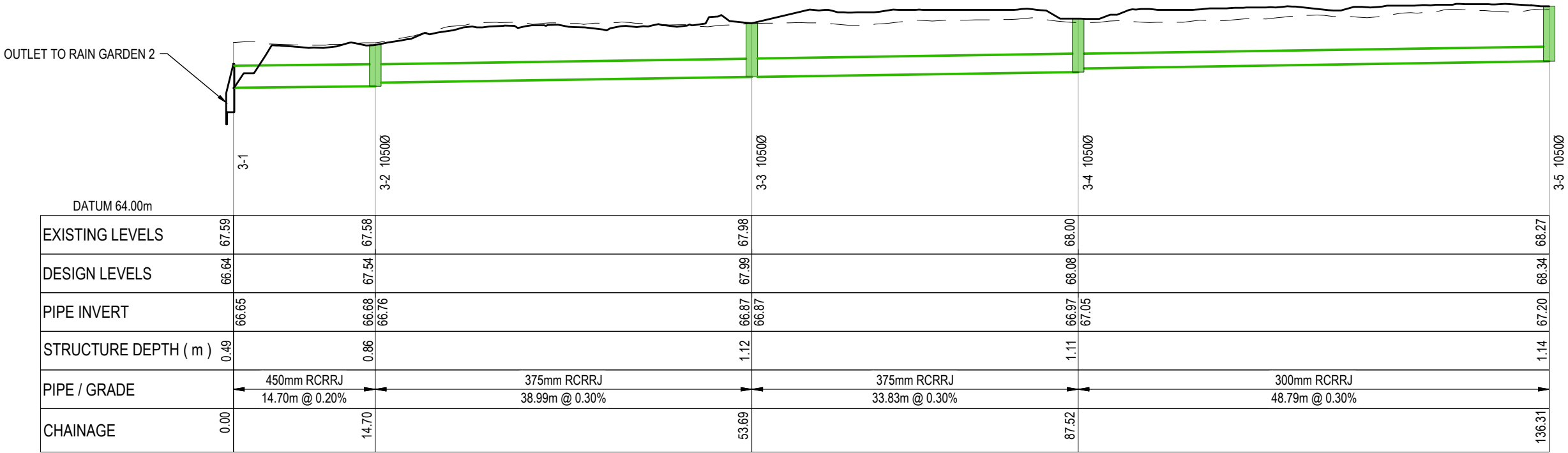
Title

**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

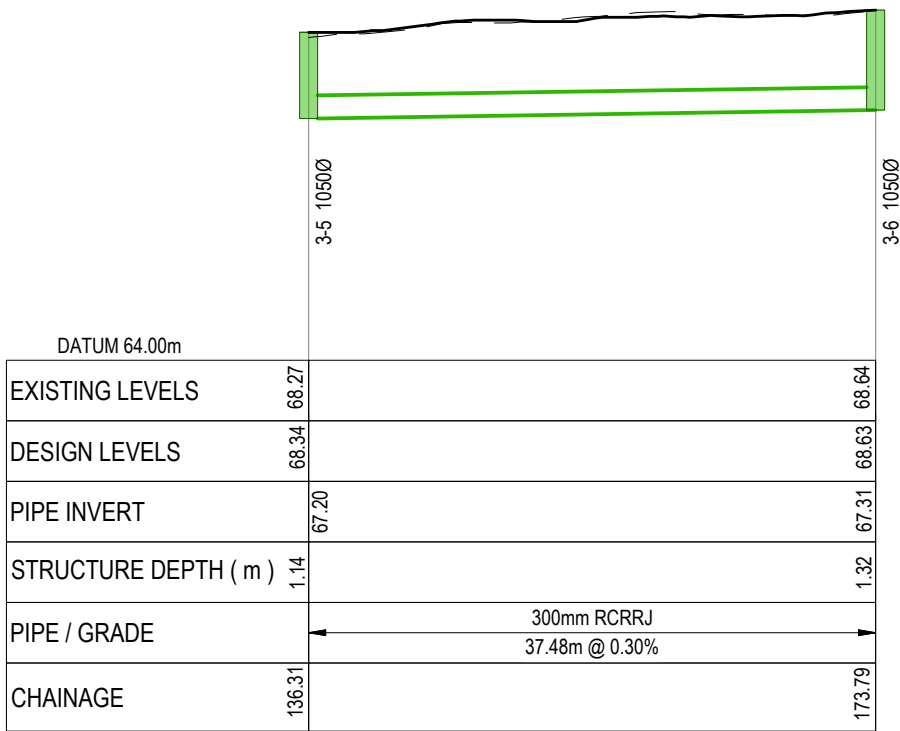
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Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4201	Rev	<b>A</b>

RESOURCE CONSENT

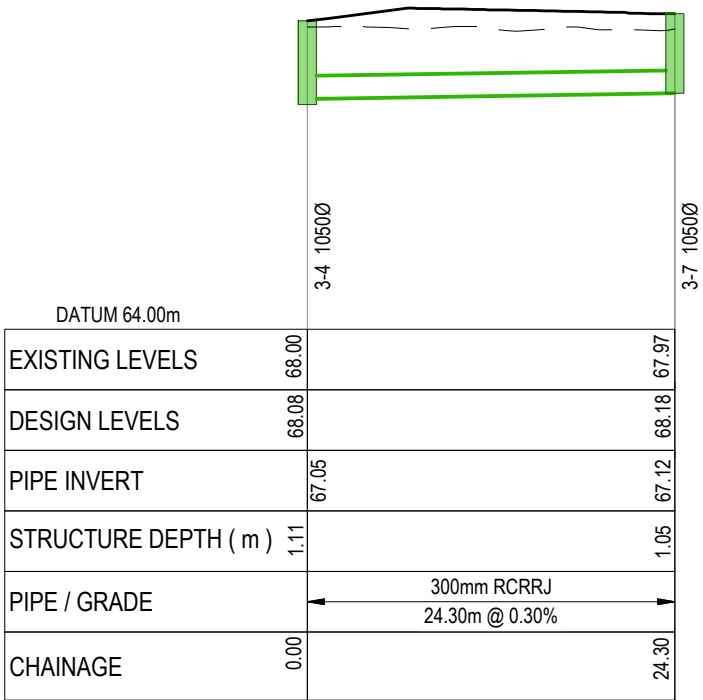
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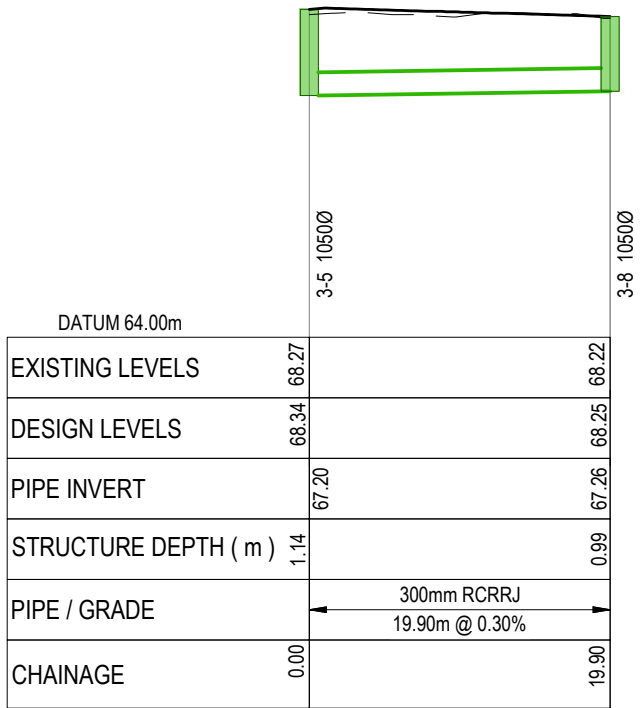
PR-SW 3-1 TO 3-5  
SCALE: HORI 1:500 VERT 1:100



PR-SW 3-5 TO 3-6  
SCALE: HORI 1:500 VERT 1:100



PR-SW 3-4 TO 3-7  
SCALE: HORI 1:500 VERT 1:100



PR-SW 3-5 TO 3-8  
SCALE: HORI 1:500 VERT 1:100

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
  4. PIPE BEDDING: 0 - 10% GRANULAR BEDDING, 10 - 20% WEAK CONCRETE BEDDING, GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS).
  5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
  6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
  7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
  8. ALL MANHOLES ARE TO BE 1050MMØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
  9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M.
  10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
  11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.
  12. PIPE WITH LESS THAN 600mm COVER TO BE CONCRETE ENCASED FOR PROTECTION OR RE-GRADED TO ACHIEVE COVER.

LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	DIJ		11/2025
Drawn	DIJ		11/2025
Checked	MS		11/2025



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

Title  
**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

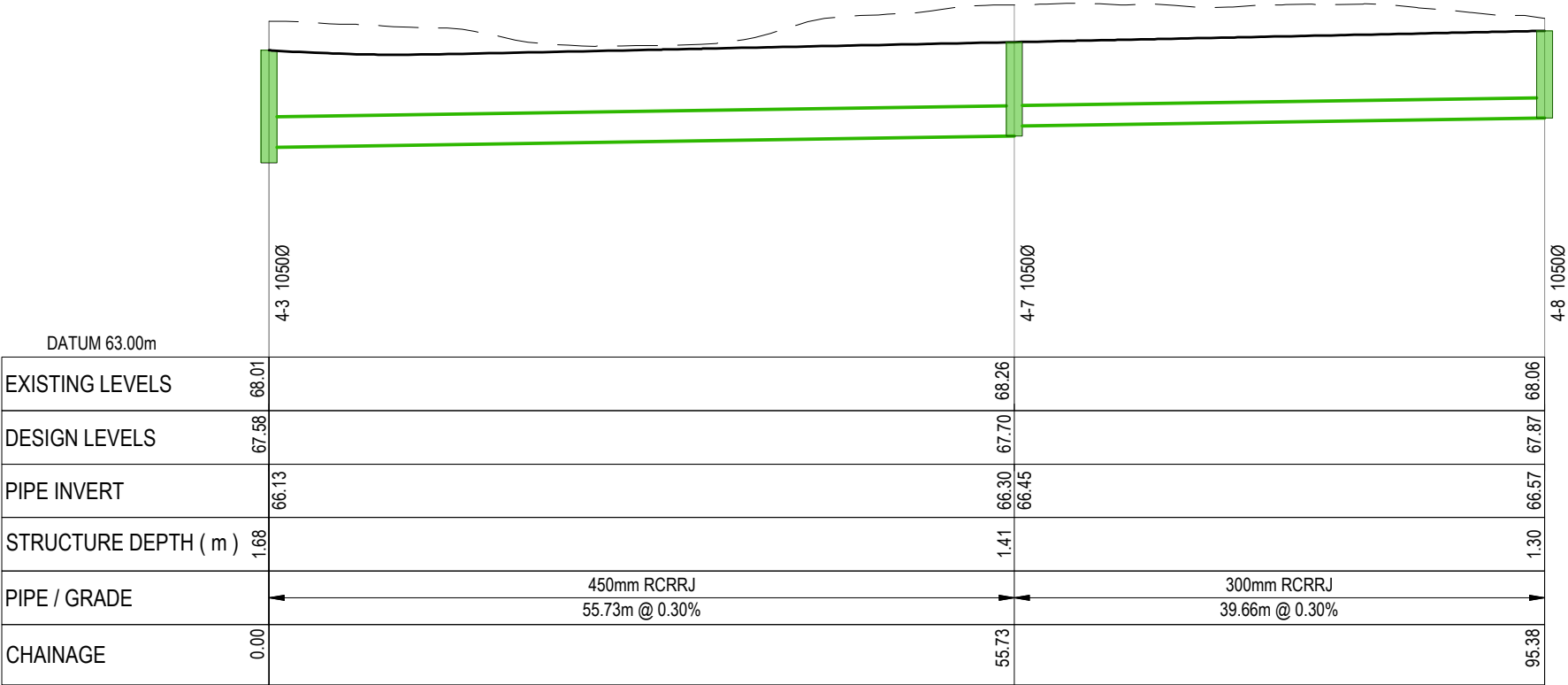
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Scale	1:500 @ A3
Cad file	289001 C4000 - SW.DWG
Drawing no.	C4202
Rev	A

RESOURCE CONSENT

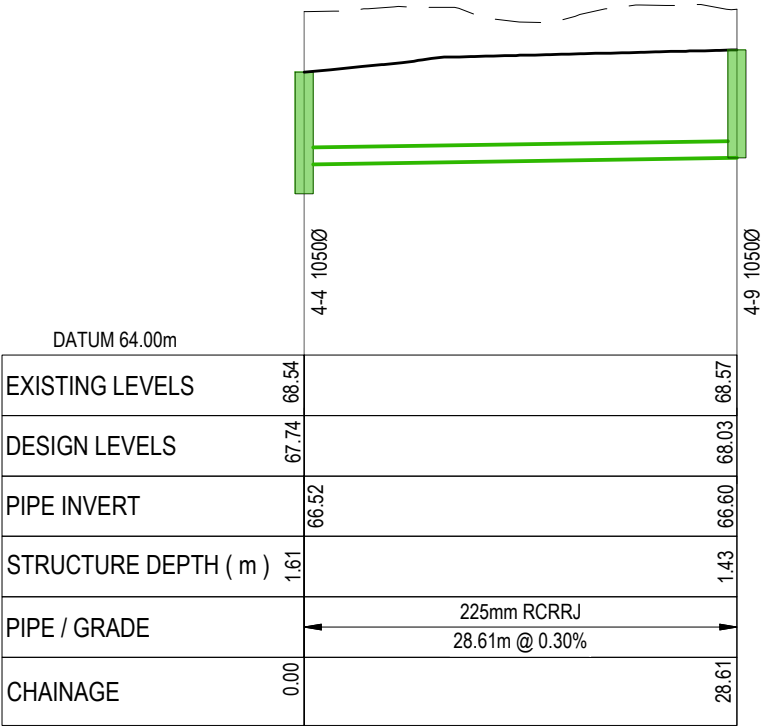




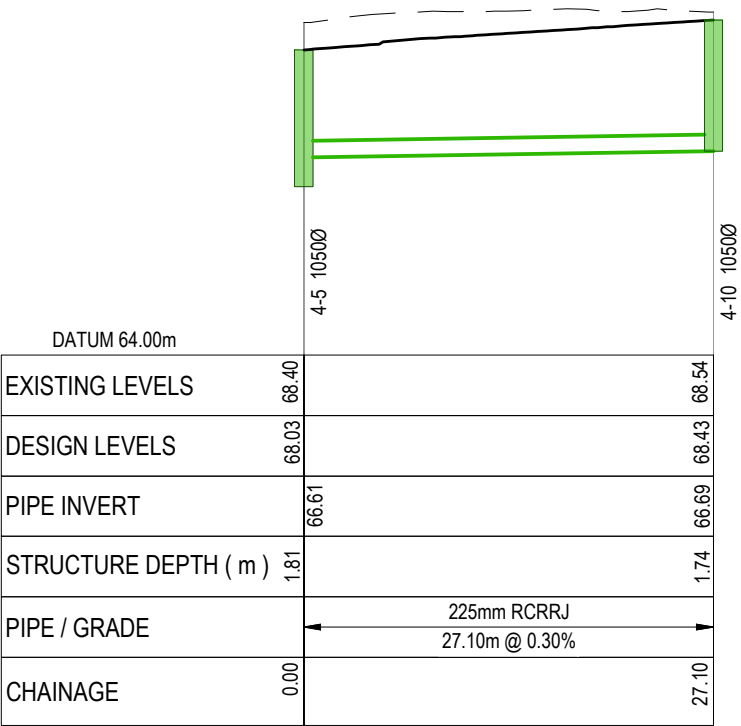
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PR-SW 4-3 TO 4-8  
SCALE: HORI 1:500 VERT 1:100



PR-SW 4-4 TO 4-9  
SCALE: HORI 1:500 VERT 1:100



PR-SW 4-5 TO 4-10  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
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LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	



Project

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

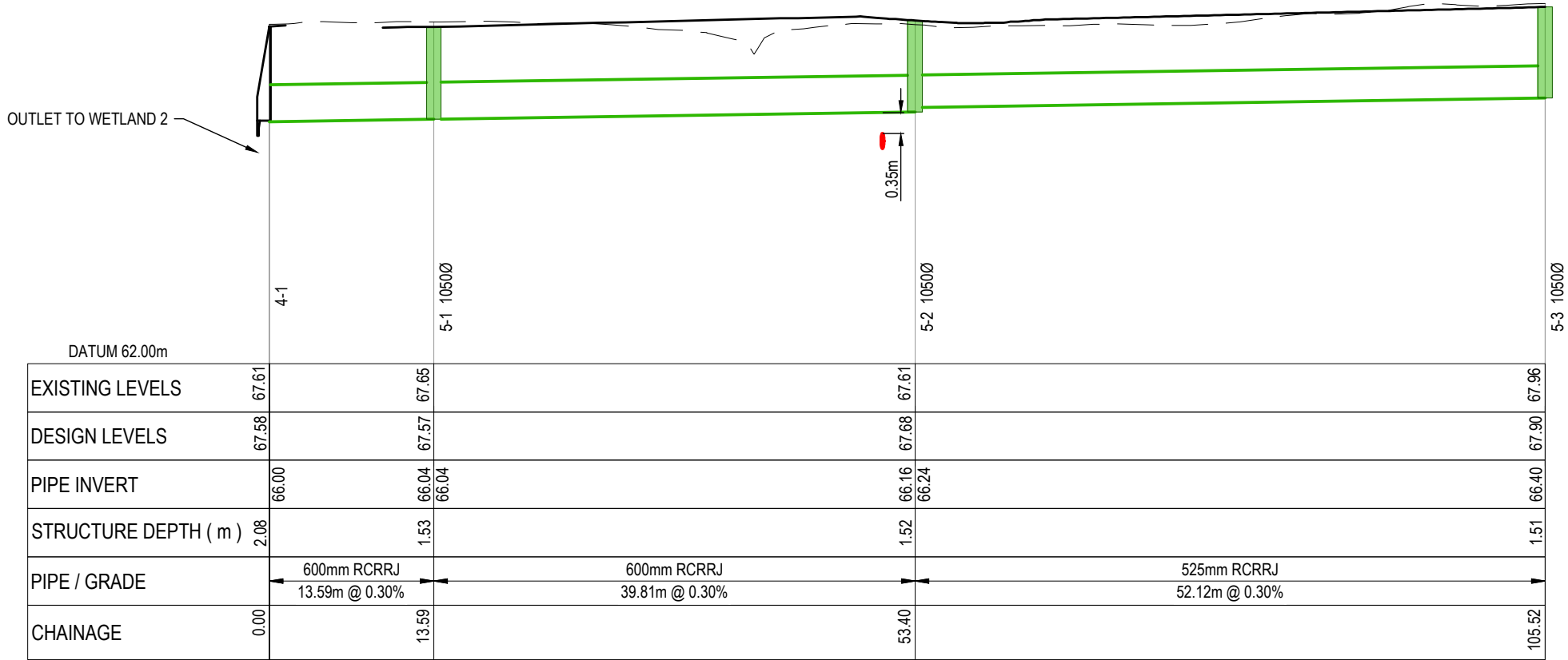
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**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

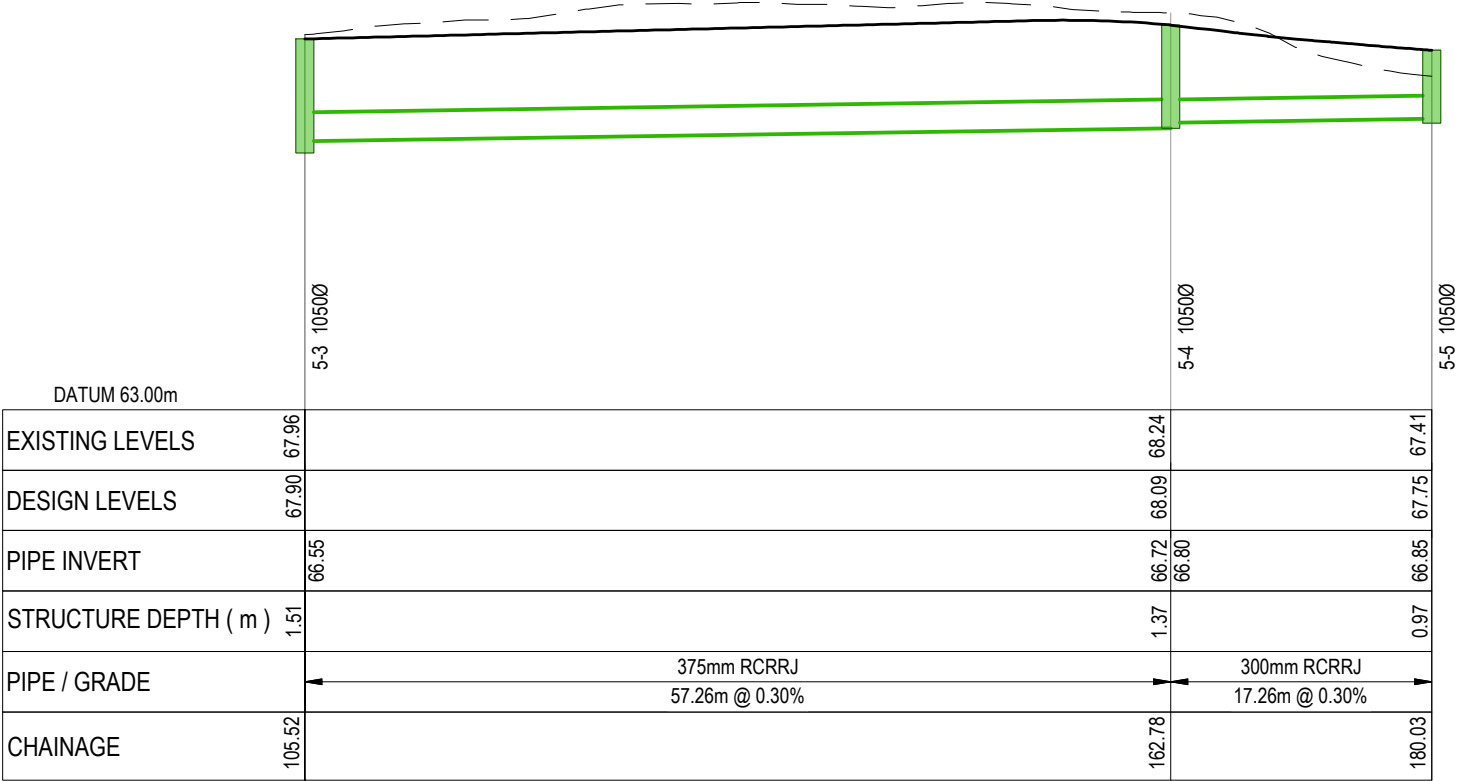
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Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4204	Rev	<b>A</b>



DATE: 11/18/25 FILE PATH: \\MAVEN\MAVENCONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 5-1 TO 5-3  
SCALE: HORI 1:500 VERT 1:100



PR-SW 5-3 TO 5-5  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
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LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	



**Maven Associates**  
09 571 0050  
info@maven.co.nz  
www.maven.co.nz  
5 Owens Road, Epsom  
Auckland 1023

Project

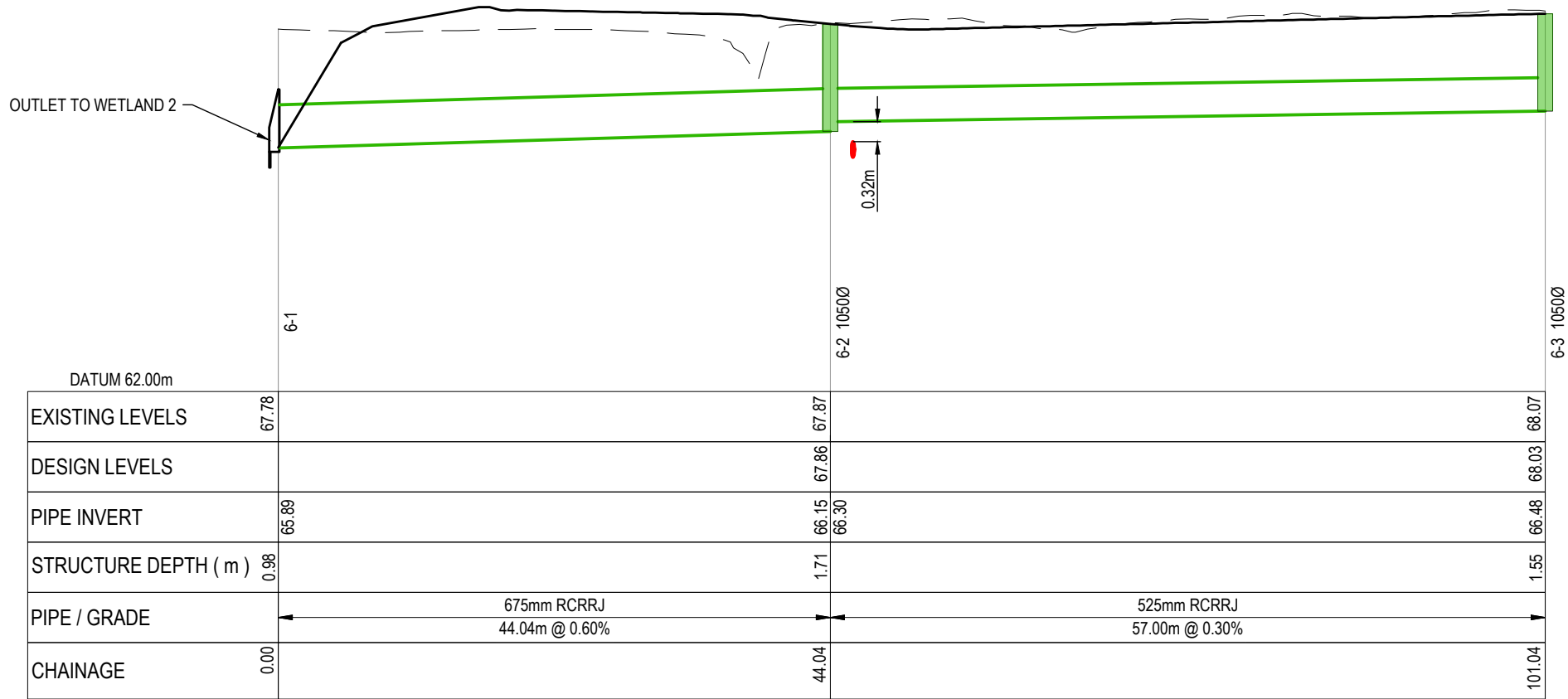
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title

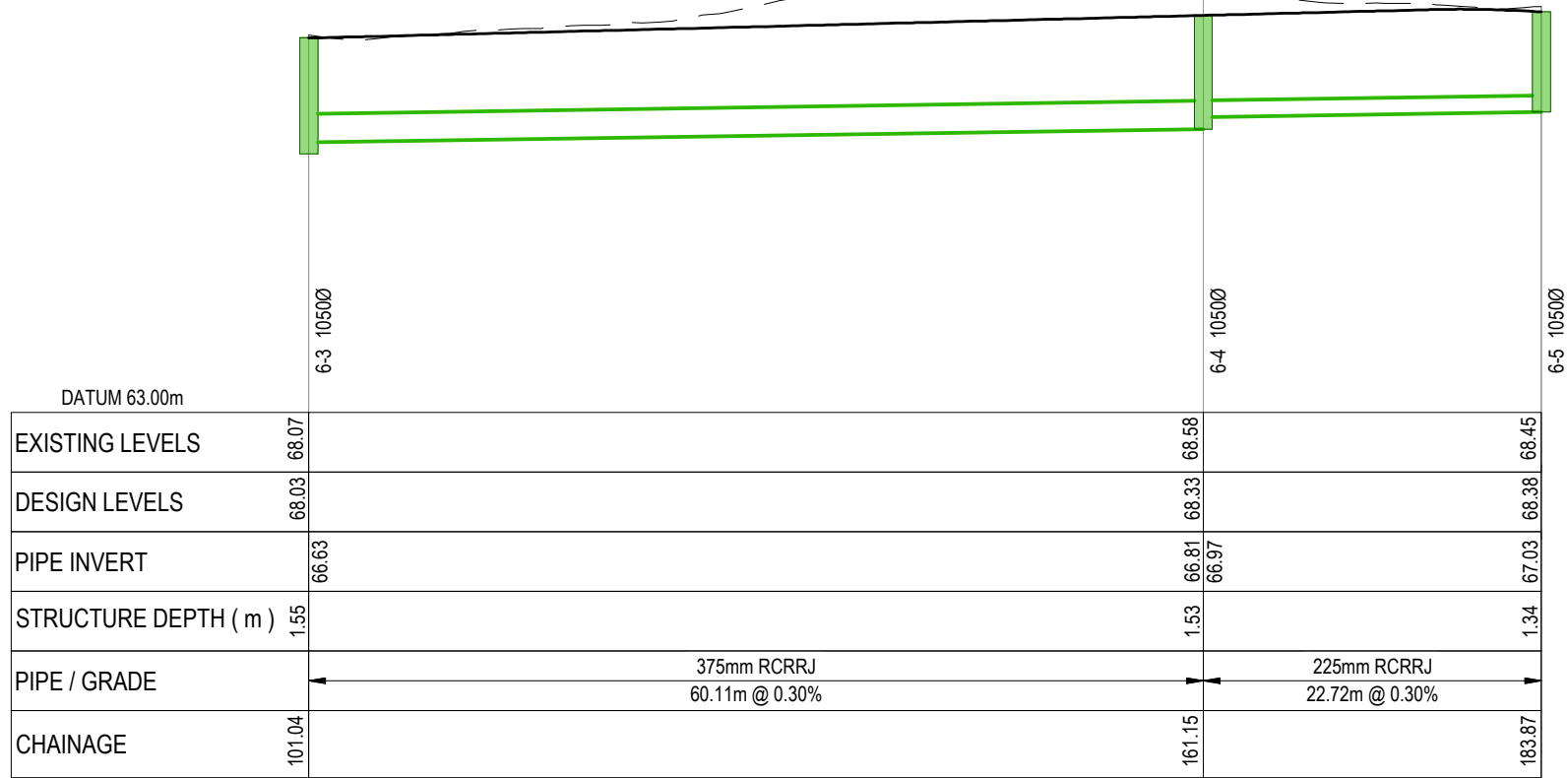
**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4205	Rev	<b>A</b>

DATE: 11/18/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 6-1 TO 6-3  
SCALE: HORI 1:500 VERT 1:100



PR-SW 6-3 TO 6-5  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
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LEGEND

— — — — — EX GROUND LEVEL  
— — — — — PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	DIJ		11/2025
Drawn	DIJ		11/2025
Checked	MS		11/2025



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

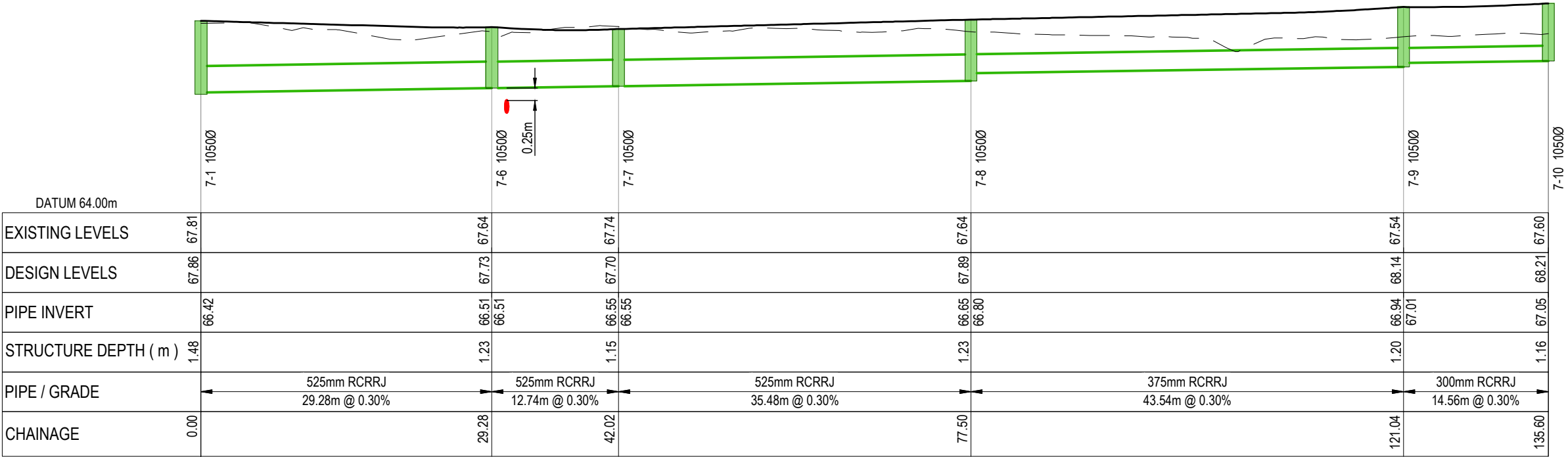
Title  
**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

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Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4206	Rev	<b>A</b>

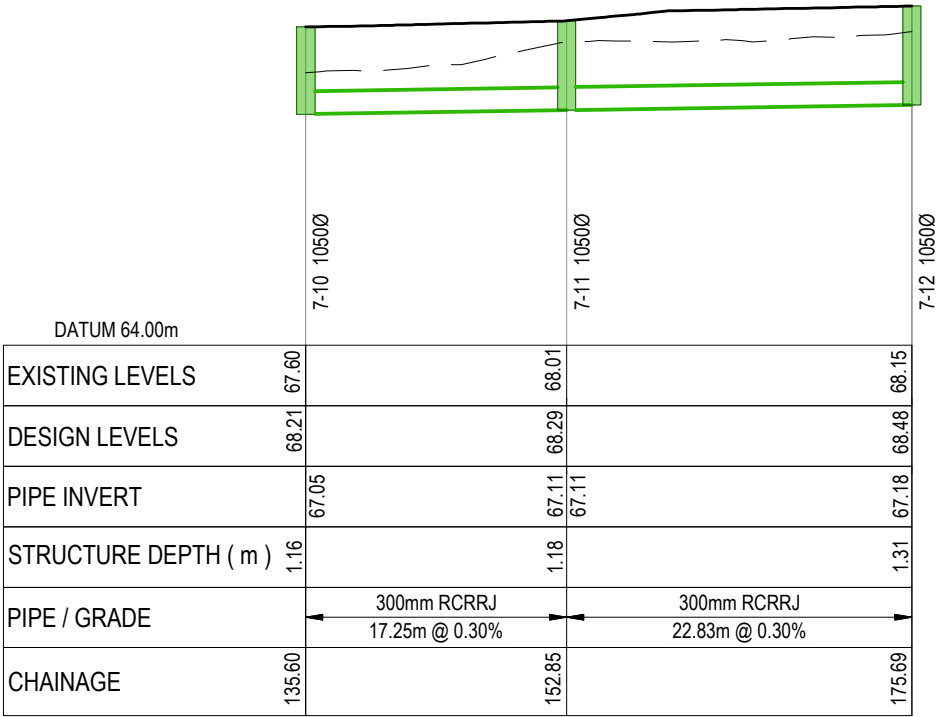




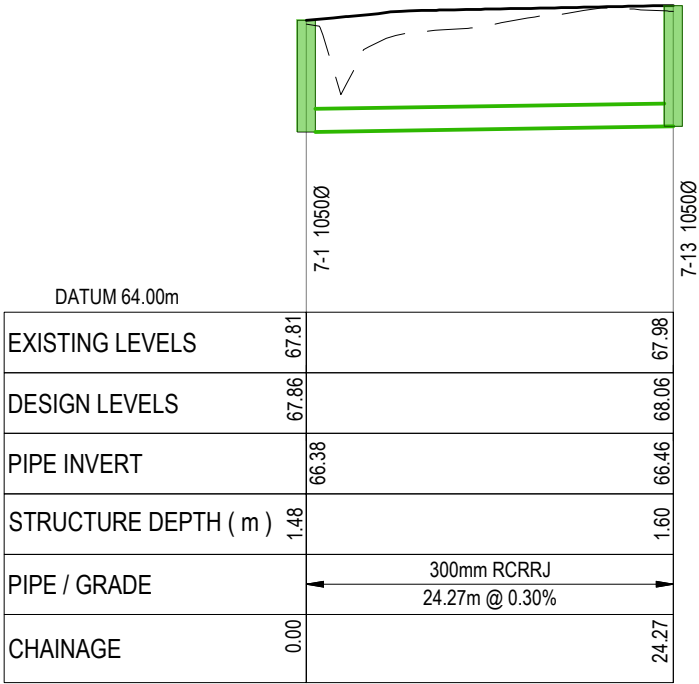
DATE: 11/18/25 FILE PATH: \\MAVEN\MAVENCONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 7-1 TO 7-10  
SCALE: HORI 1:500 VERT 1:100



PR-SW 7-10 TO 7-12  
SCALE: HORI 1:500 VERT 1:100



PR-SW 7-1 TO 7-13  
SCALE: HORI 1:500 VERT 1:100

- NOTES
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  12. PIPE WITH LESS THAN 600mm COVER TO BE CONCRETE ENCASED FOR PROTECTION OR RE-GRADED TO ACHIEVE COVER.

LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	DIJ		11/2025
Drawn	DIJ		11/2025
Checked	MS		11/2025



Project

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

Title

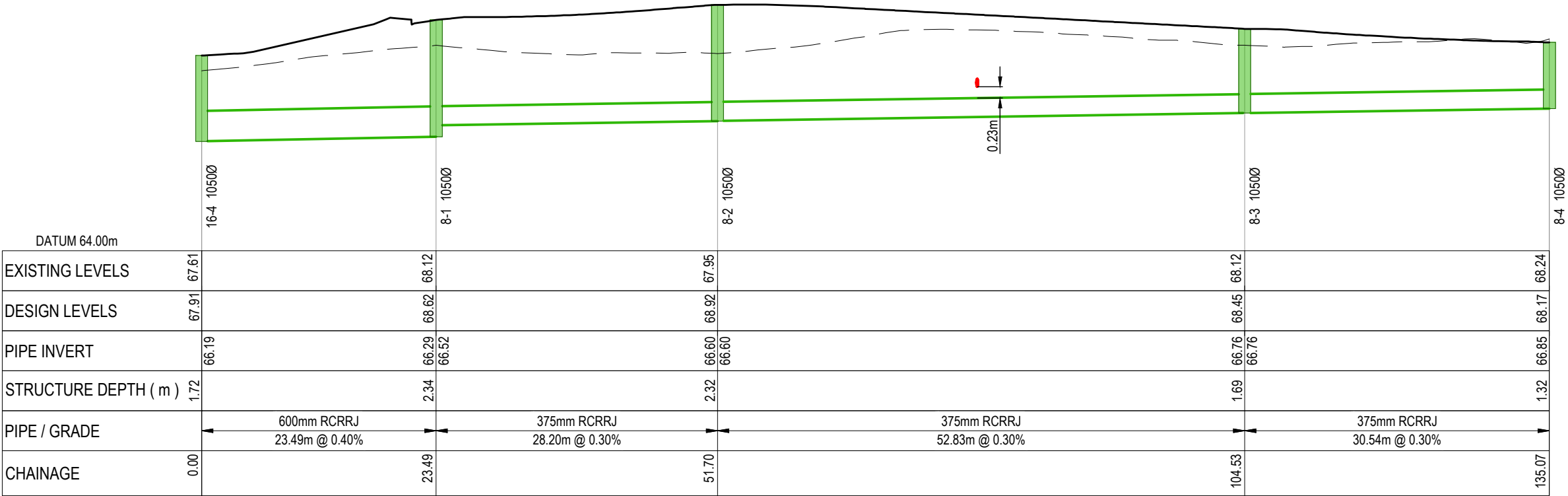
**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

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Drawing no.	C4208	Rev	<b>A</b>

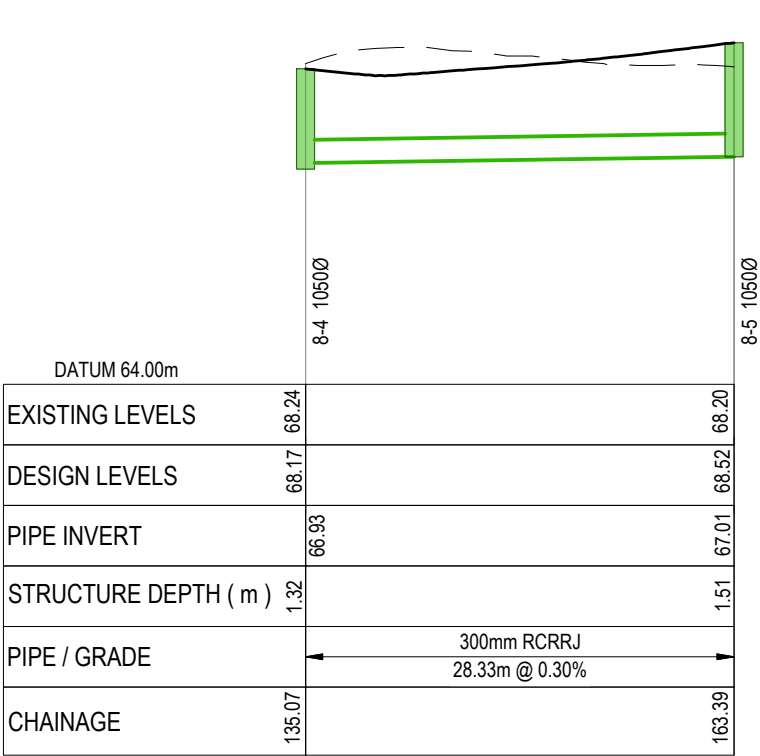
RESOURCE CONSENT



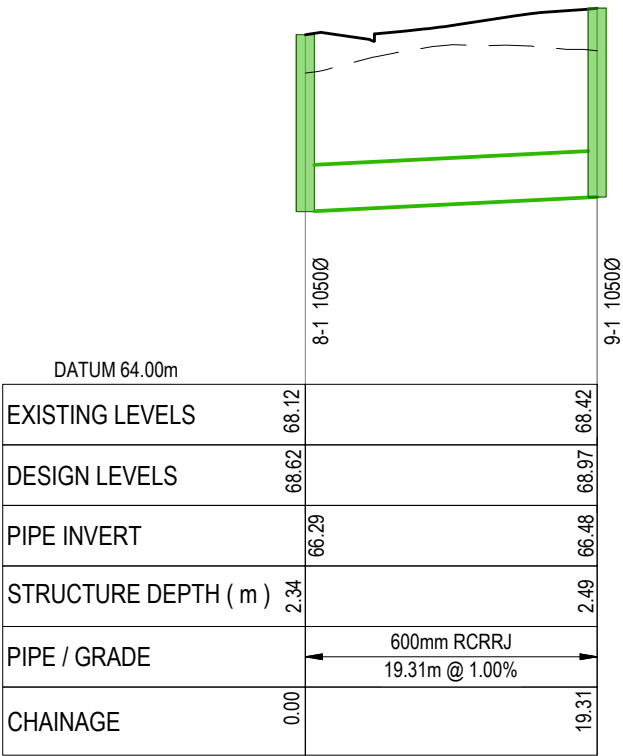
DATE: 11/18/25 FILE PATH: \\MAVEN\MAVENCONSULTING\CO\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 8-1 TO 8-4  
SCALE: HORI 1:500 VERT 1:100



PR-SW 8-4 TO 8-5  
SCALE: HORI 1:500 VERT 1:100



PR-SW 8-1 TO 9-1  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

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LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	DIJ		11/2025
Drawn	DIJ		11/2025
Checked	MS		11/2025

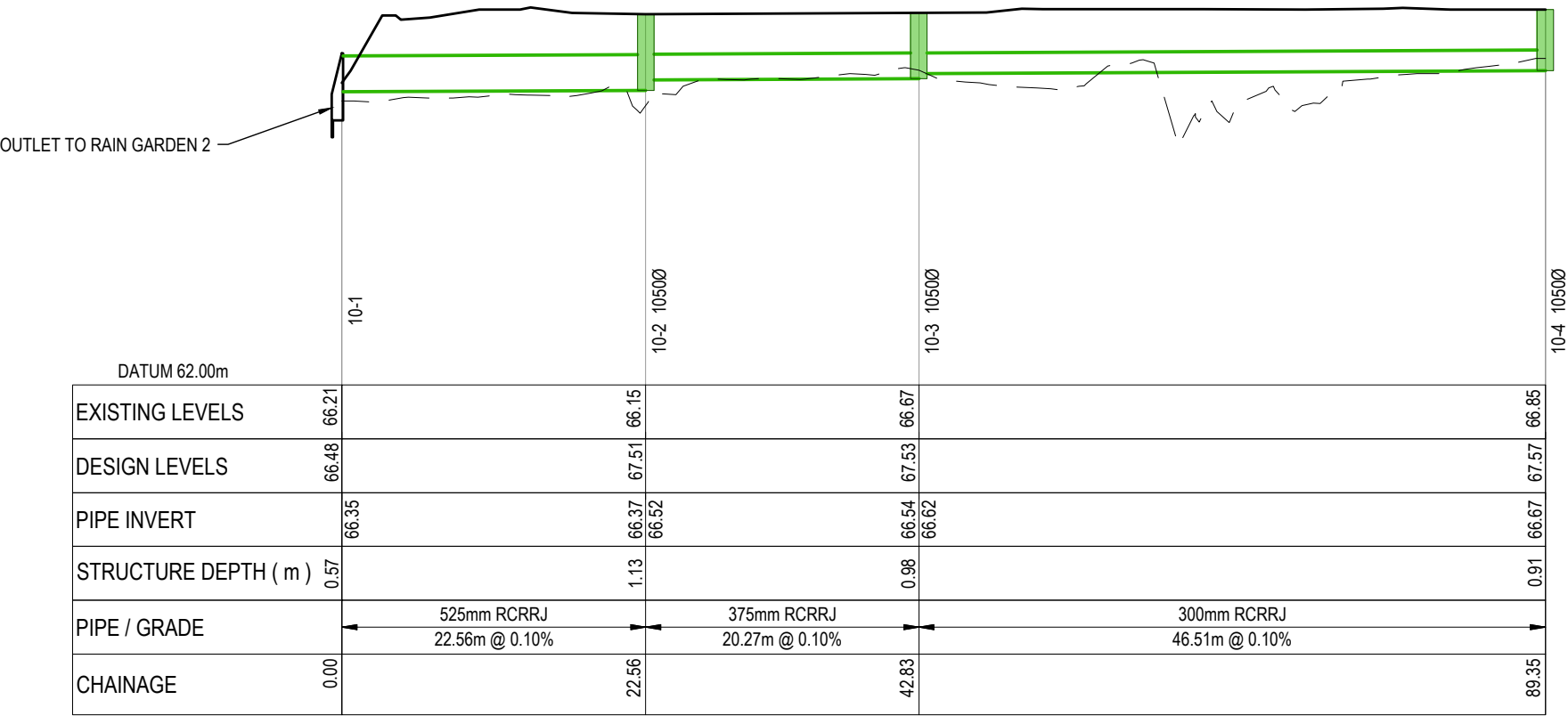


Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

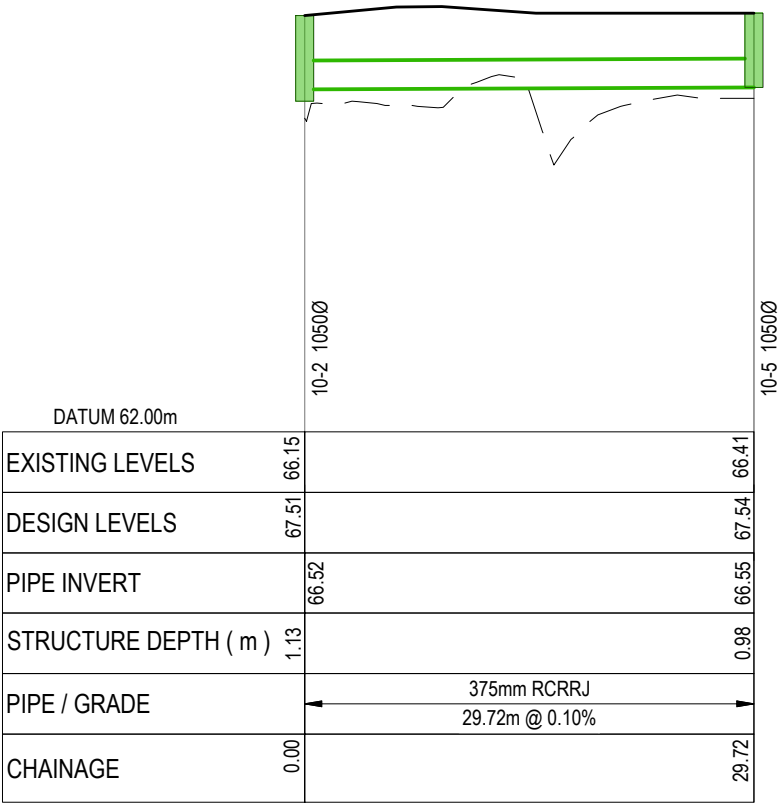
Title  
**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4209	Rev	<b>A</b>

DATE: 11/18/25 FILE PATH: \\MAVEN\MAVENCONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 10-1 TO 10-4  
SCALE: HORI 1:500 VERT 1:100



PR-SW 10-2 TO 10-5  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
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LEGEND

— — — — — EX GROUND LEVEL  
— — — — — PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	

M

MAVEN

Maven Associates

09 571 0050

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www.maven.co.nz

5 Owens Road, Epsom

Auckland 1023

Project

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

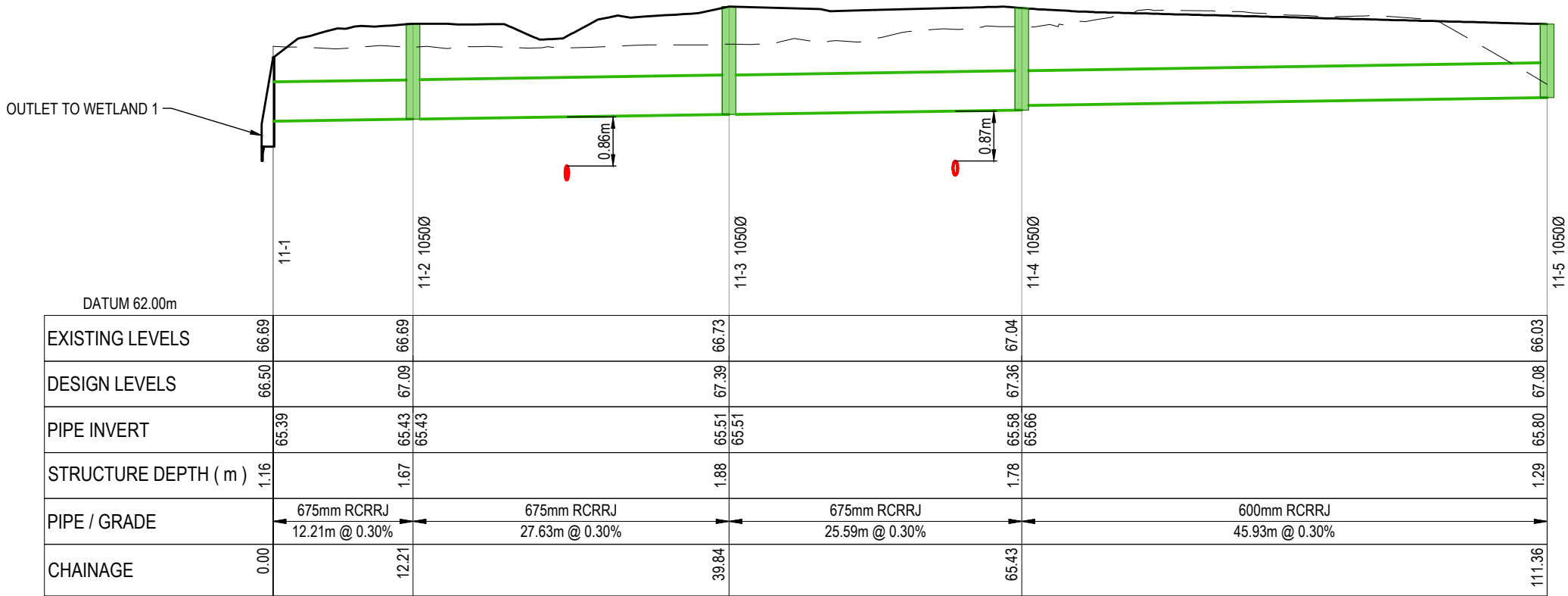
Title

**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

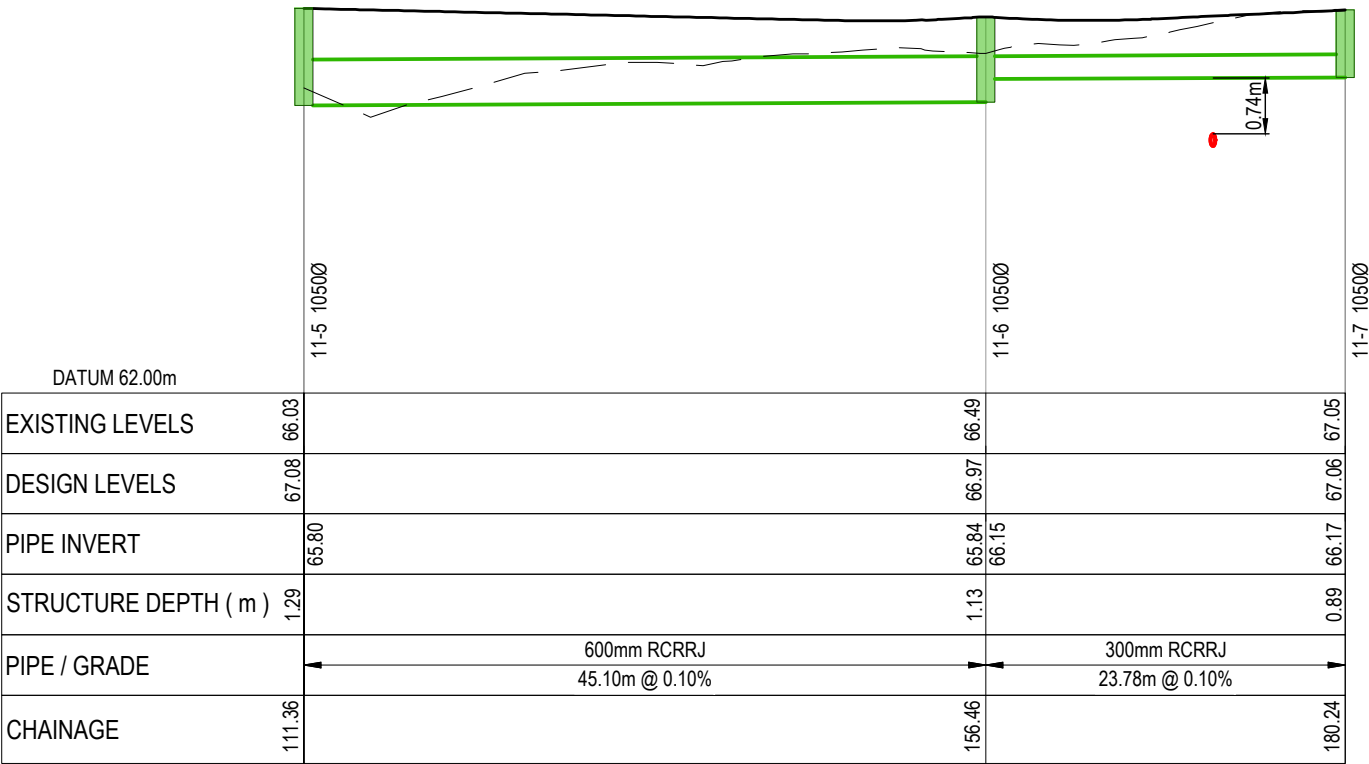
Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4210	Rev	<b>A</b>



DATE: 11/18/25 FILE PATH: \\MAVEN\MAVENCONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 11-1 TO 11-5  
SCALE: HORI 1:500 VERT 1:100



PR-SW 11-5 TO 11-7  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
  4. PIPE BEDDING: 0 - 10% GRANULAR BEDDING, 10 - 20% WEAK CONCRETE BEDDING, GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS).
  5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
  6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
  7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
  8. ALL MANHOLES ARE TO BE 1050MMØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
  9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M.
  10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
  11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.
  12. PIPE WITH LESS THAN 600mm COVER TO BE CONCRETE ENCASED FOR PROTECTION OR RE-GRADED TO ACHIEVE COVER.

LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	



Project

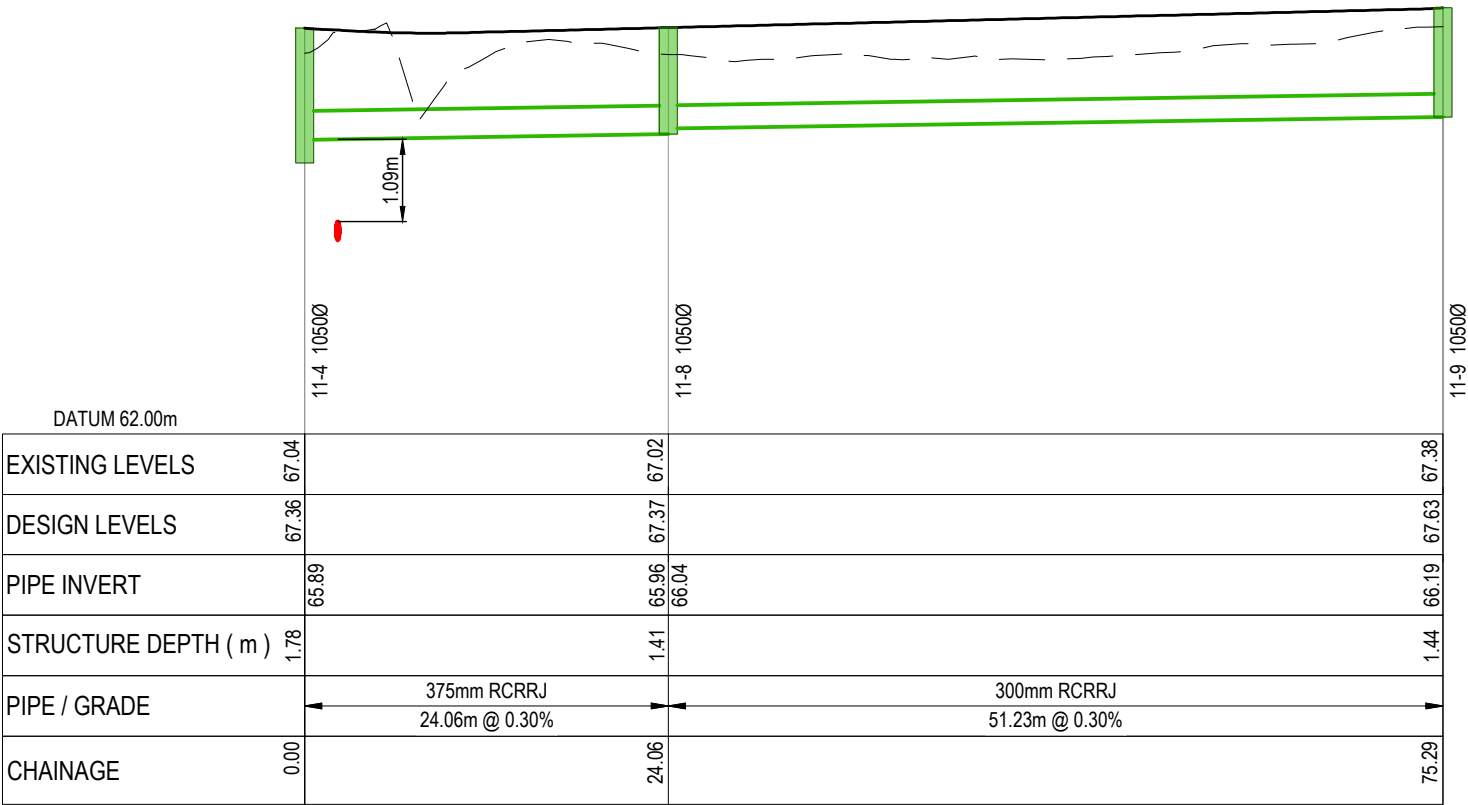
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title

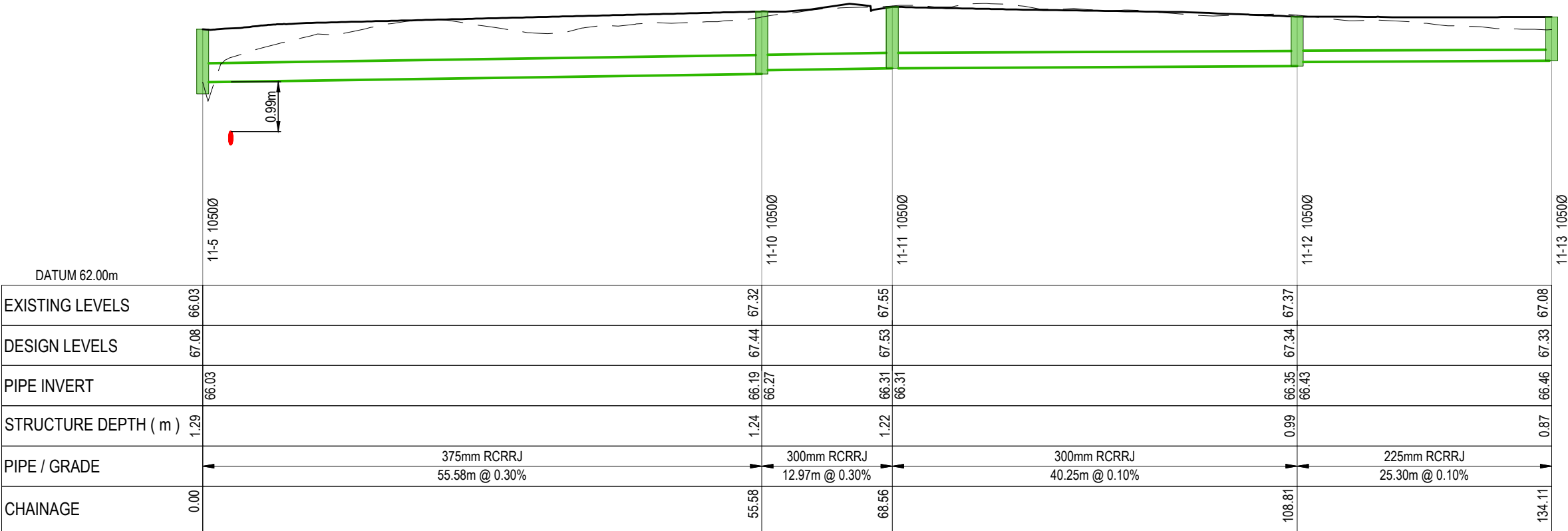
**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4211	Rev	<b>A</b>

DATE: 11/18/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 11-4 TO 11-9  
SCALE: HORI 1:500 VERT 1:100



PR-SW 11-5 TO 11-13  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
  4. PIPE BEDDING: 0 - 10% GRANULAR BEDDING, 10 - 20% WEAK CONCRETE BEDDING, GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS).
  5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
  6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
  7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
  8. ALL MANHOLES ARE TO BE 1050MMØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
  9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M.
  10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
  11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.
  12. PIPE WITH LESS THAN 600mm COVER TO BE CONCRETE ENCASED FOR PROTECTION OR RE-GRADED TO ACHIEVE COVER.

LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	DIJ		11/2025
Drawn	DIJ		11/2025
Checked	MS		11/2025

**M** **Maven Associates**  
09 571 0050  
info@maven.co.nz  
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5 Owens Road, Epsom  
Auckland 1023

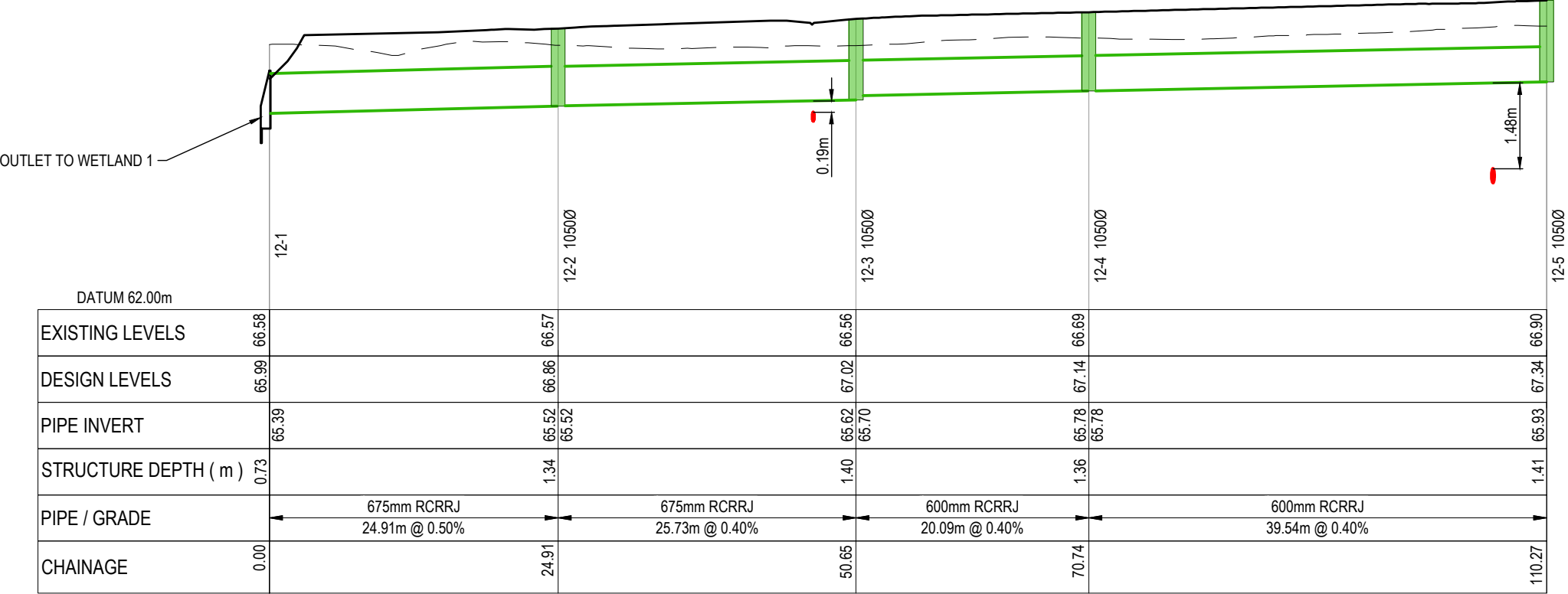
Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

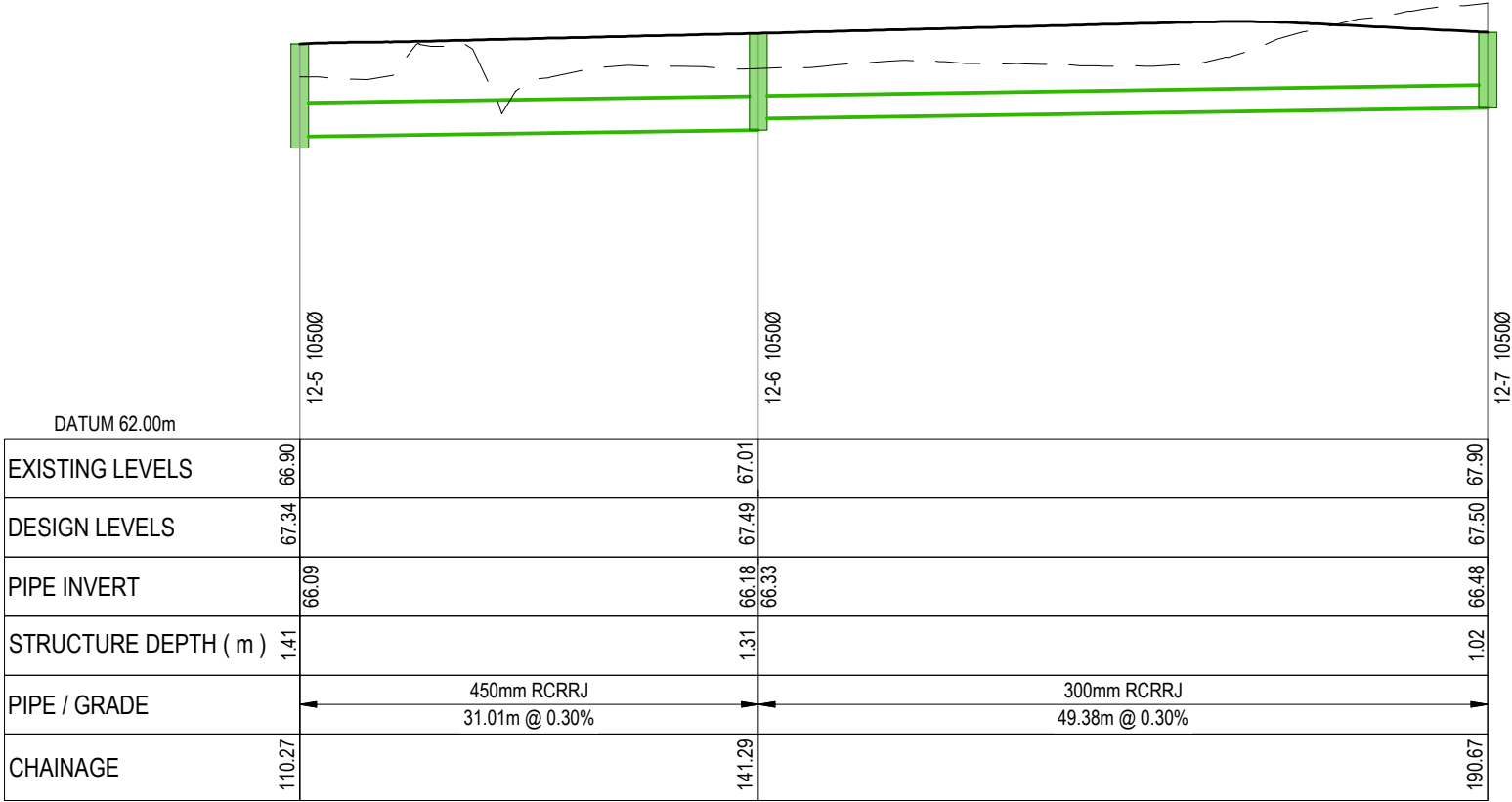
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Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4212	Rev	<b>A</b>



DATE: 11/18/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 12-1 TO 12-5  
SCALE: HORI 1:500 VERT 1:100



PR-SW 12-5 TO 12-7  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
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  6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
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  11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.
  12. PIPE WITH LESS THAN 600mm COVER TO BE CONCRETE ENCASED FOR PROTECTION OR RE-GRADED TO ACHIEVE COVER.

LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	



Project

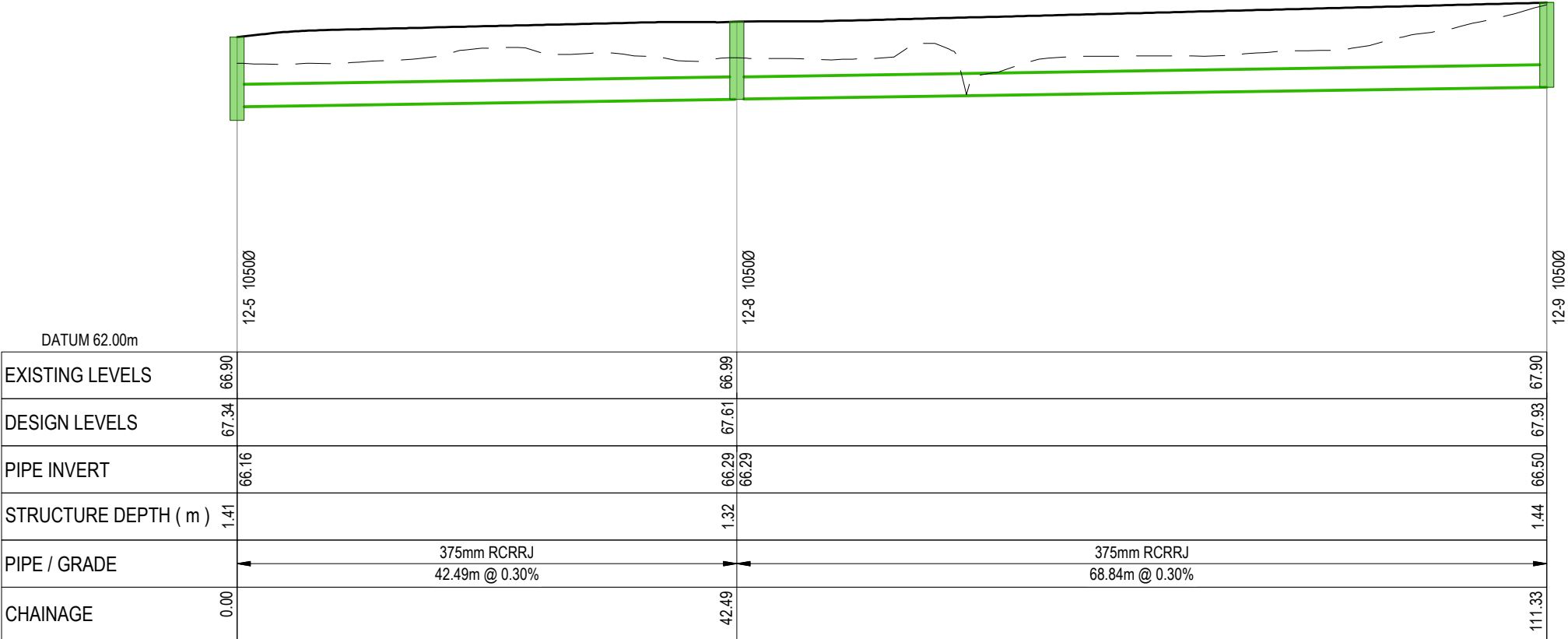
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title

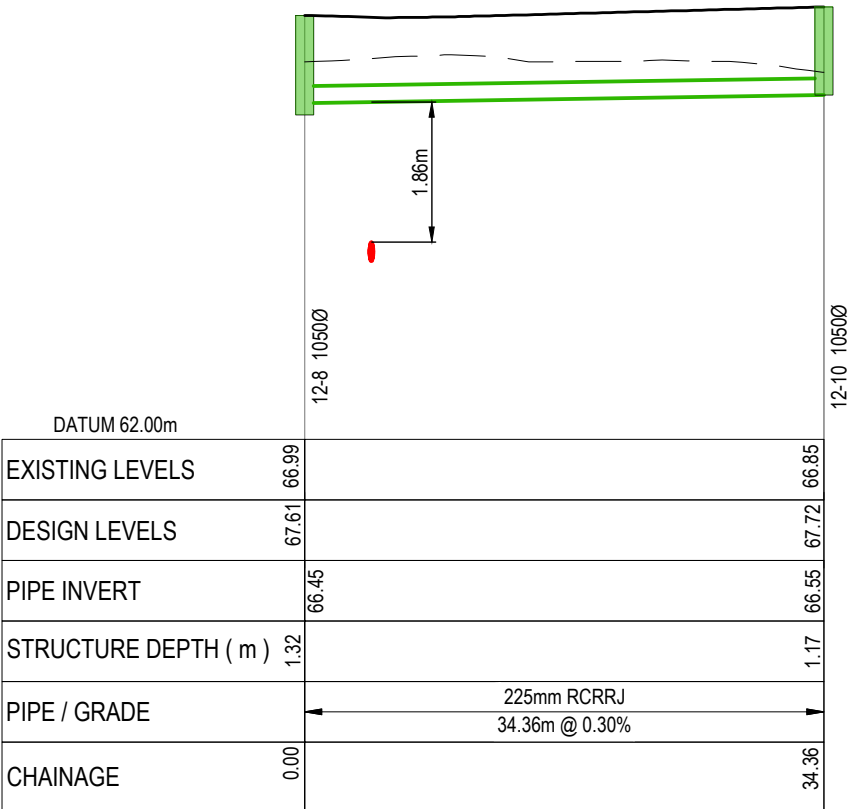
**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4213	Rev	<b>A</b>

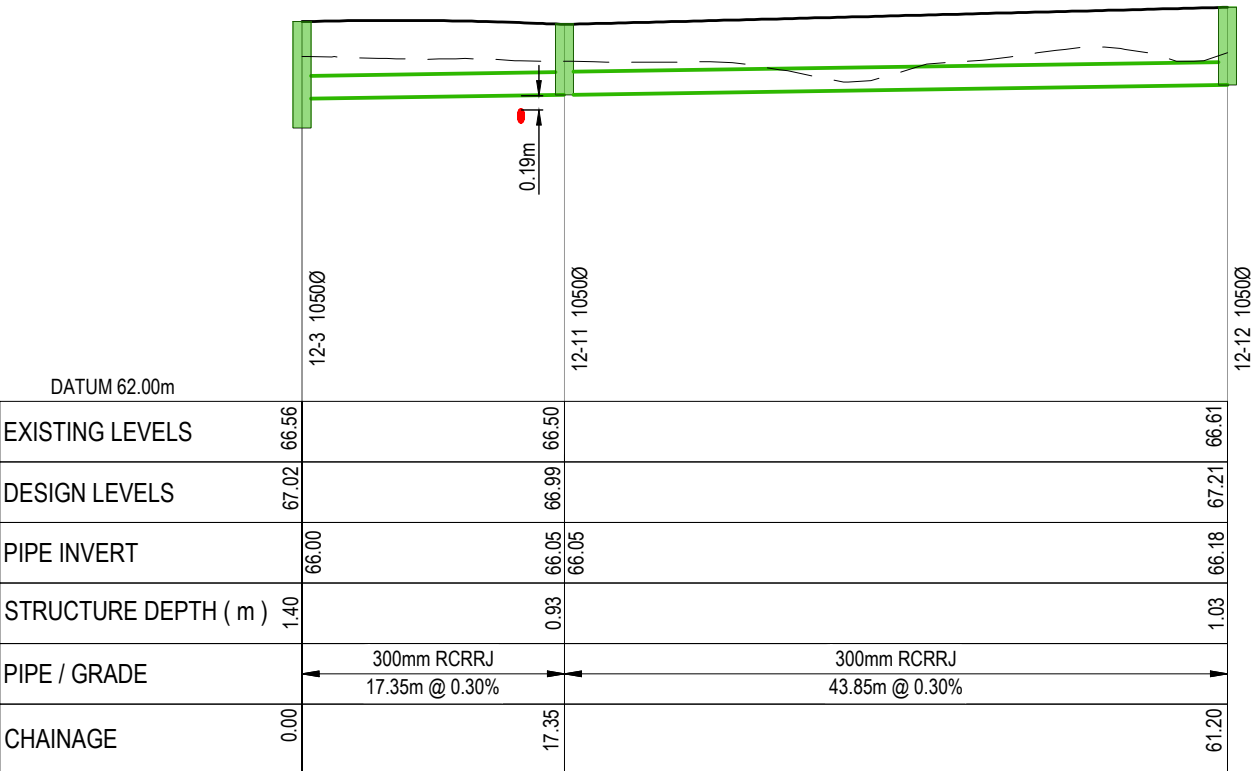
DATE: 11/18/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 12-5 TO 12-9  
SCALE: HORI 1:500 VERT 1:100



PR-SW 12-8 TO 12-10  
SCALE: HORI 1:500 VERT 1:100



PR-SW 12-3 TO 12-12  
SCALE: HORI 1:500 VERT 1:100

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
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  12. PIPE WITH LESS THAN 600mm COVER TO BE CONCRETE ENCASED FOR PROTECTION OR RE-GRADED TO ACHIEVE COVER.

LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	DIJ		11/2025
Drawn	DIJ		11/2025
Checked	MS		11/2025

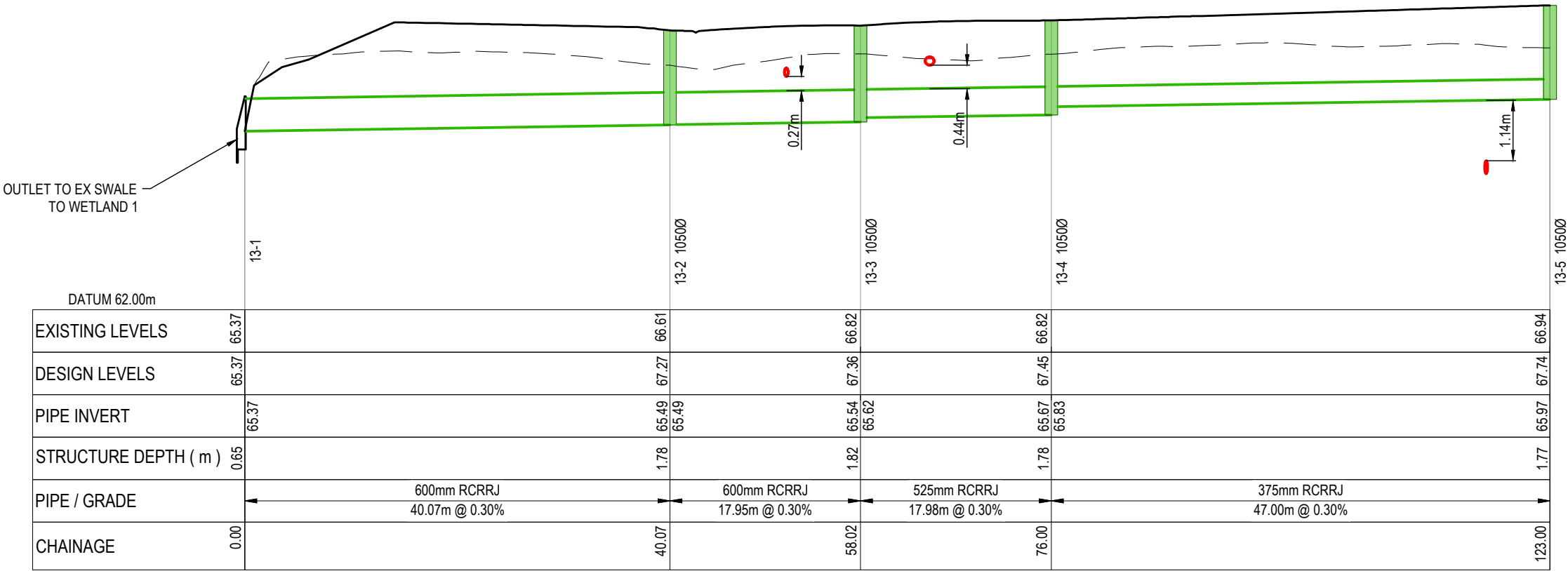


Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

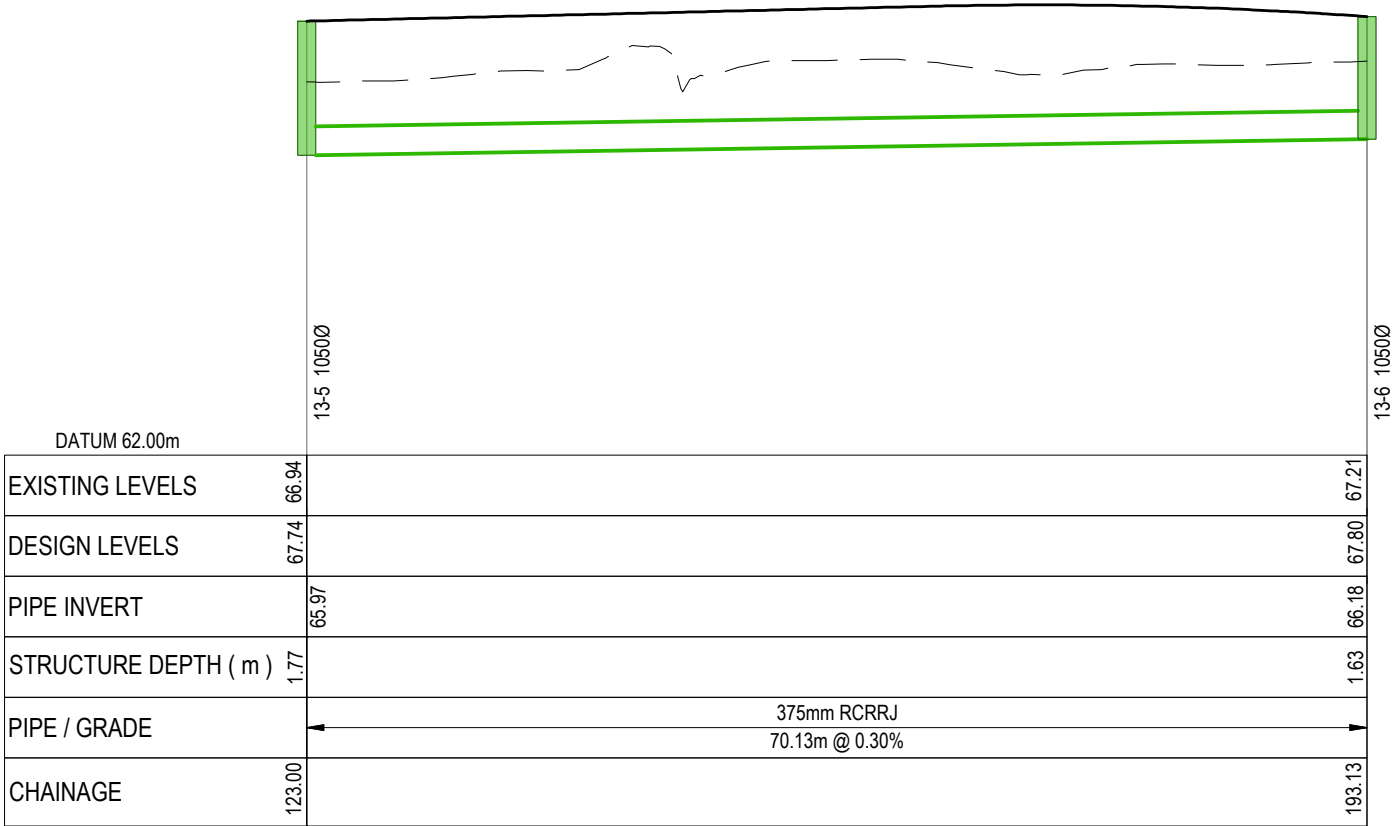
Title  
**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4214	Rev	A

RESOURCE CONSENT



PR-SW 13-1 TO 13-5  
SCALE: HORI 1:500 VERT 1:100



PR-SW 13-5 TO 13-6  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
  4. PIPE BEDDING: 0 - 10% GRANULAR BEDDING, 10 - 20% WEAK CONCRETE BEDDING, GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS).
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  6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
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  11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.
  12. PIPE WITH LESS THAN 600mm COVER TO BE CONCRETE ENCASED FOR PROTECTION OR RE-GRADED TO ACHIEVE COVER.

LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	



Project

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

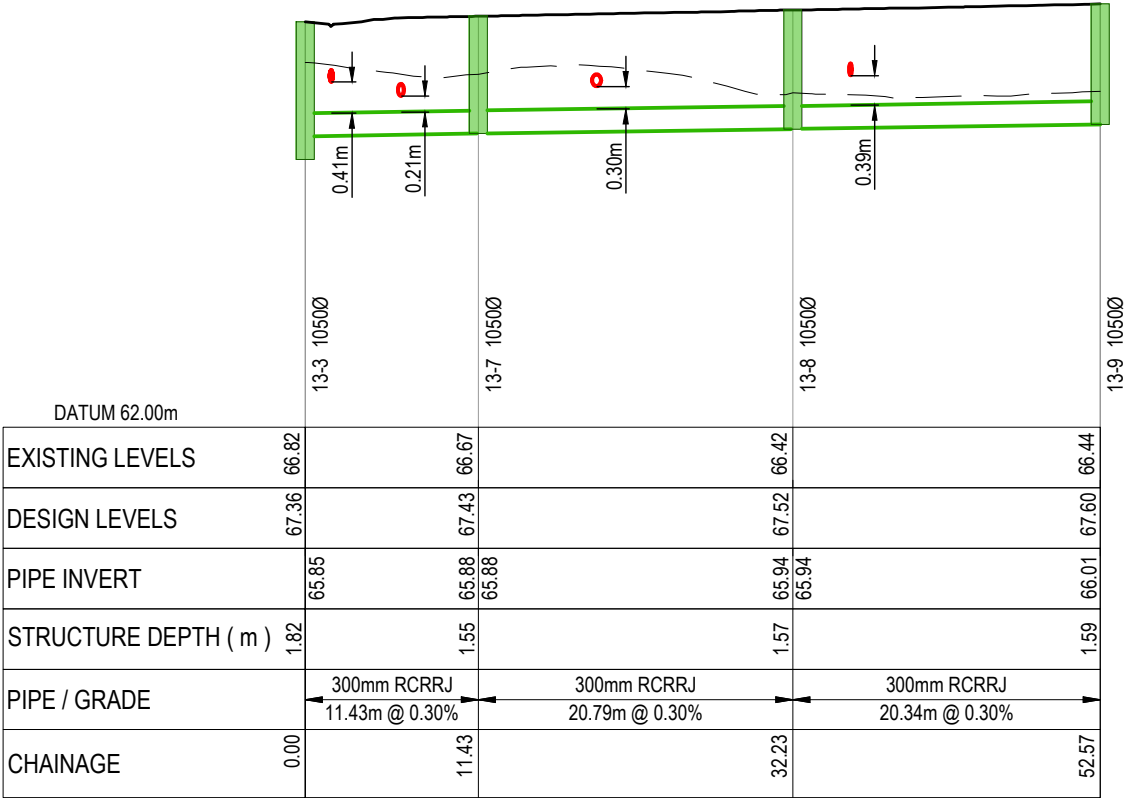
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**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4215	Rev	<b>A</b>



DATE: 11/18/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 13-3 TO 13-9  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
  4. PIPE BEDDING: 0 - 10% GRANULAR BEDDING,10 - 20% WEAK CONCRETE BEDDING.GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS).
  5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
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  12. PIPE WITH LESS THAN 600mm COVER TO BE CONCRETE ENCASED FOR PROTECTION OR RE-GRADED TO ACHIEVE COVER.

- LEGEND
- EX GROUND LEVEL
  - PR GROUND LEVEL
  - CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	

M

A

E

N

Maven Associates

09 571 0050

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www.maven.co.nz

5 Owens Road, Epsom

Auckland 1023

Project

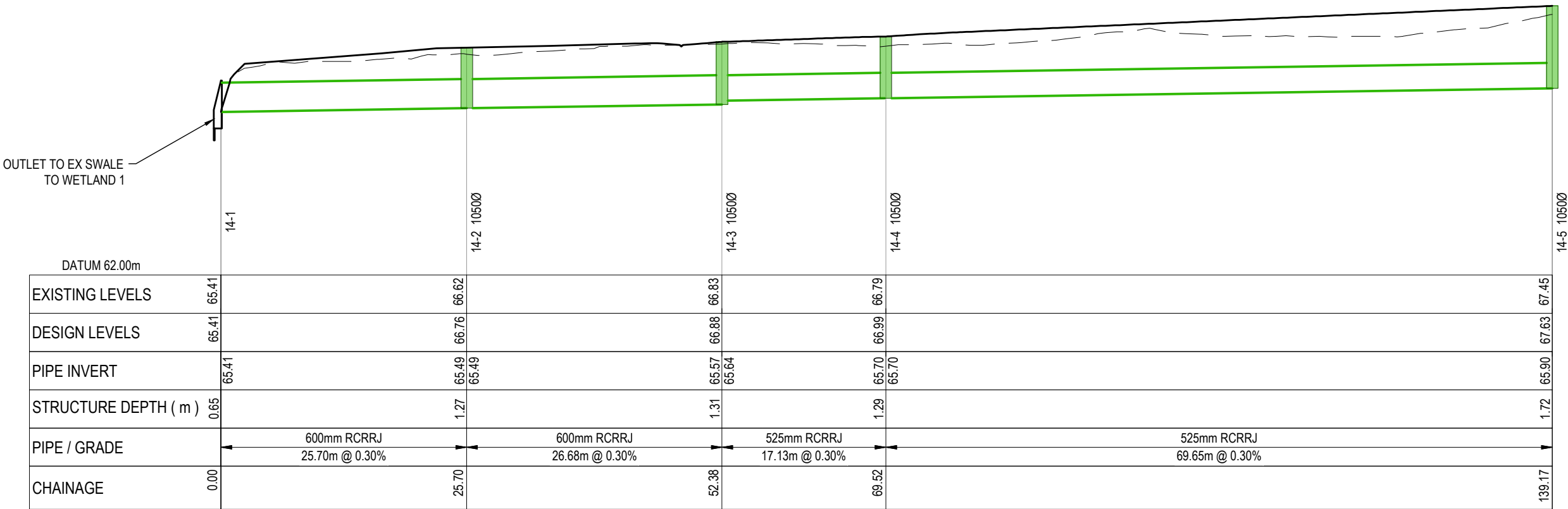
ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD

Title

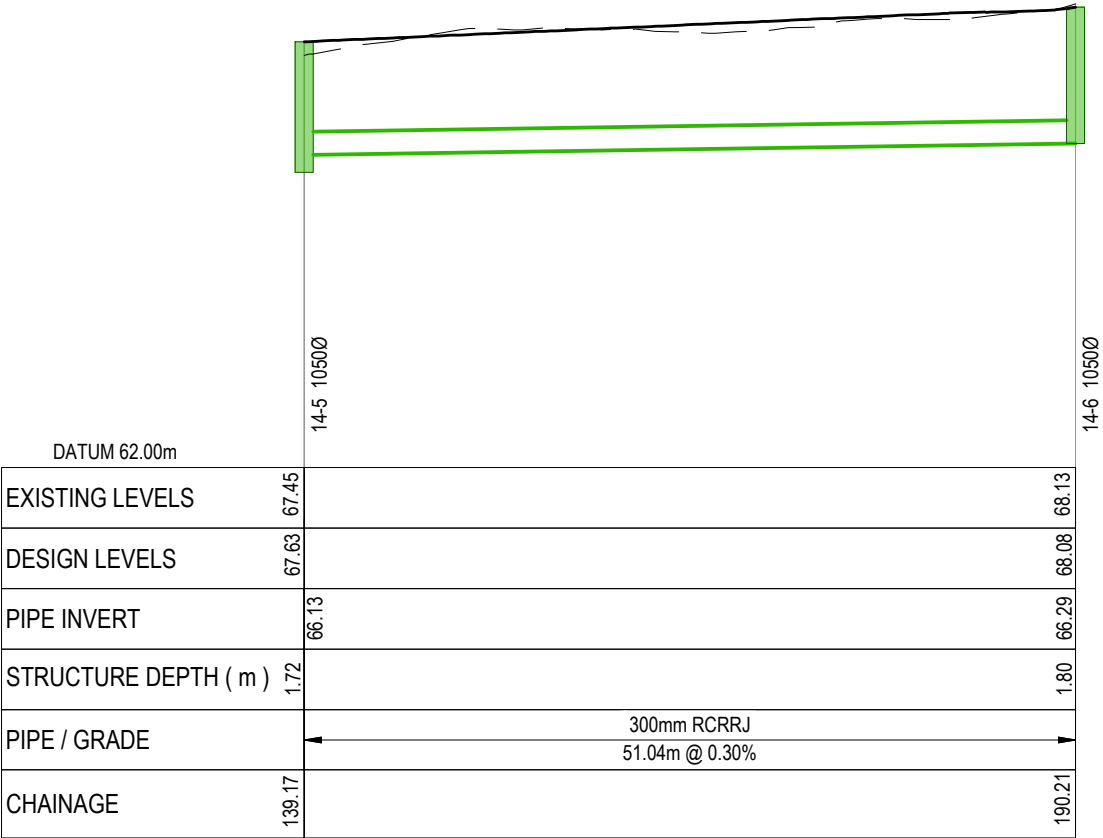
PROPOSED  
STORMWATER  
LONGSECTION PLAN

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4216	Rev	A

DATE: 11/18/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 14-1 TO 14-5  
SCALE: HORI 1:500 VERT 1:100



PR-SW 14-5 TO 14-6  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
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LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	

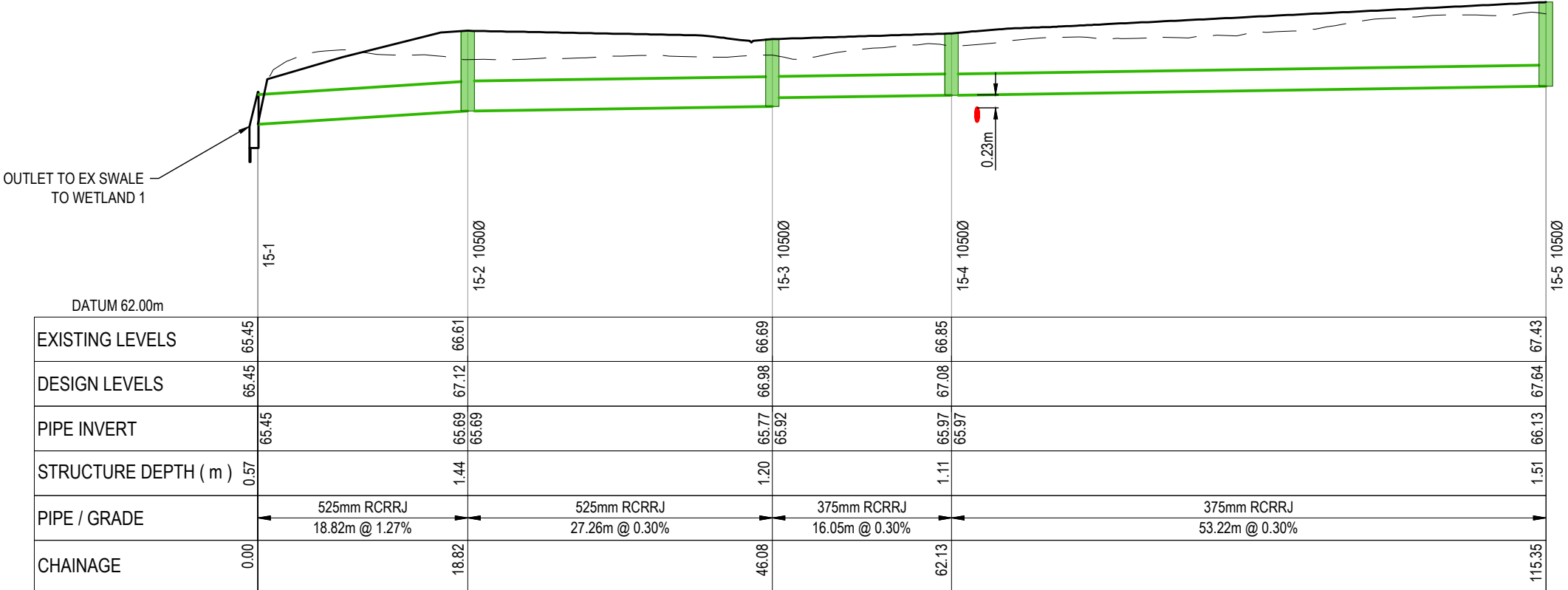
**M** **Maven Associates**  
09 571 0050  
info@maven.co.nz  
www.maven.co.nz  
5 Owens Road, Epsom  
Auckland 1023

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

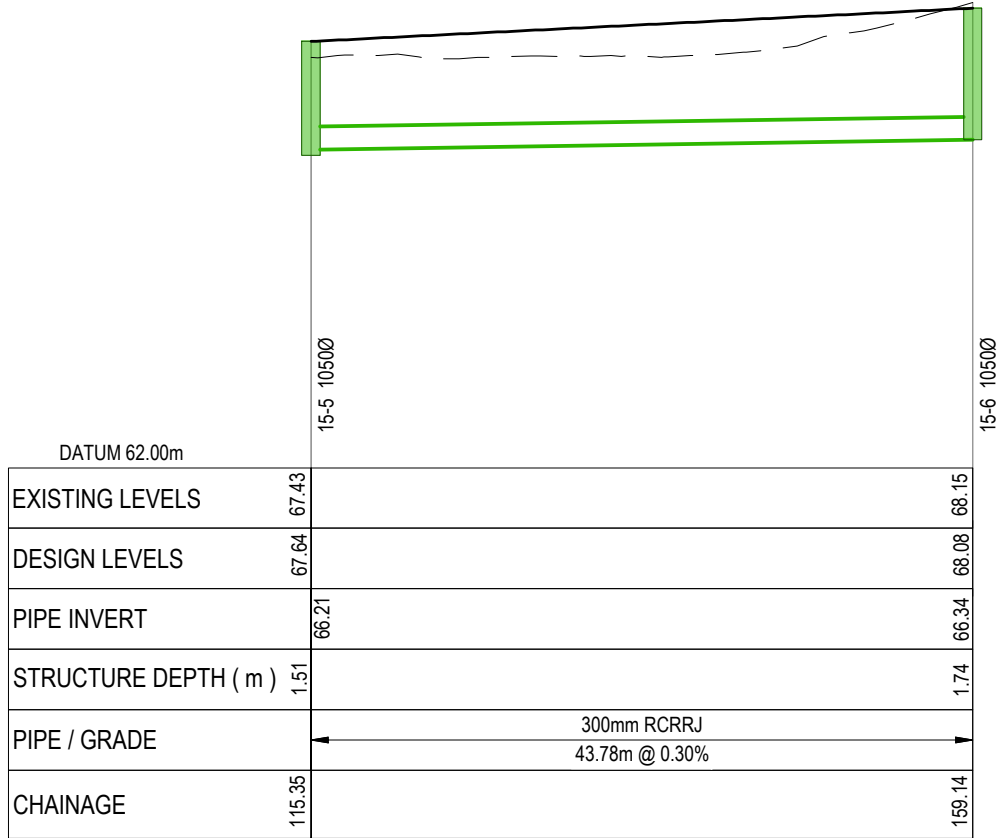
Title  
**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4217	Rev	<b>A</b>

DATE: 11/18/25 FILE PATH: \\MAVEN\MAVENCONSULTING\CO\NZ\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV\DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 15-1 TO 15-5  
SCALE: HORI 1:500 VERT 1:100



PR-SW 15-5 TO 15-6  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
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  6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
  7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
  8. ALL MANHOLES ARE TO BE 1050MMØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
  9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M.
  10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
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  12. PIPE WITH LESS THAN 600mm COVER TO BE CONCRETE ENCASED FOR PROTECTION OR RE-GRADED TO ACHIEVE COVER.

LEGEND

— — — — — EX GROUND LEVEL  
— — — — — PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	

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Auckland 1023

Project

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

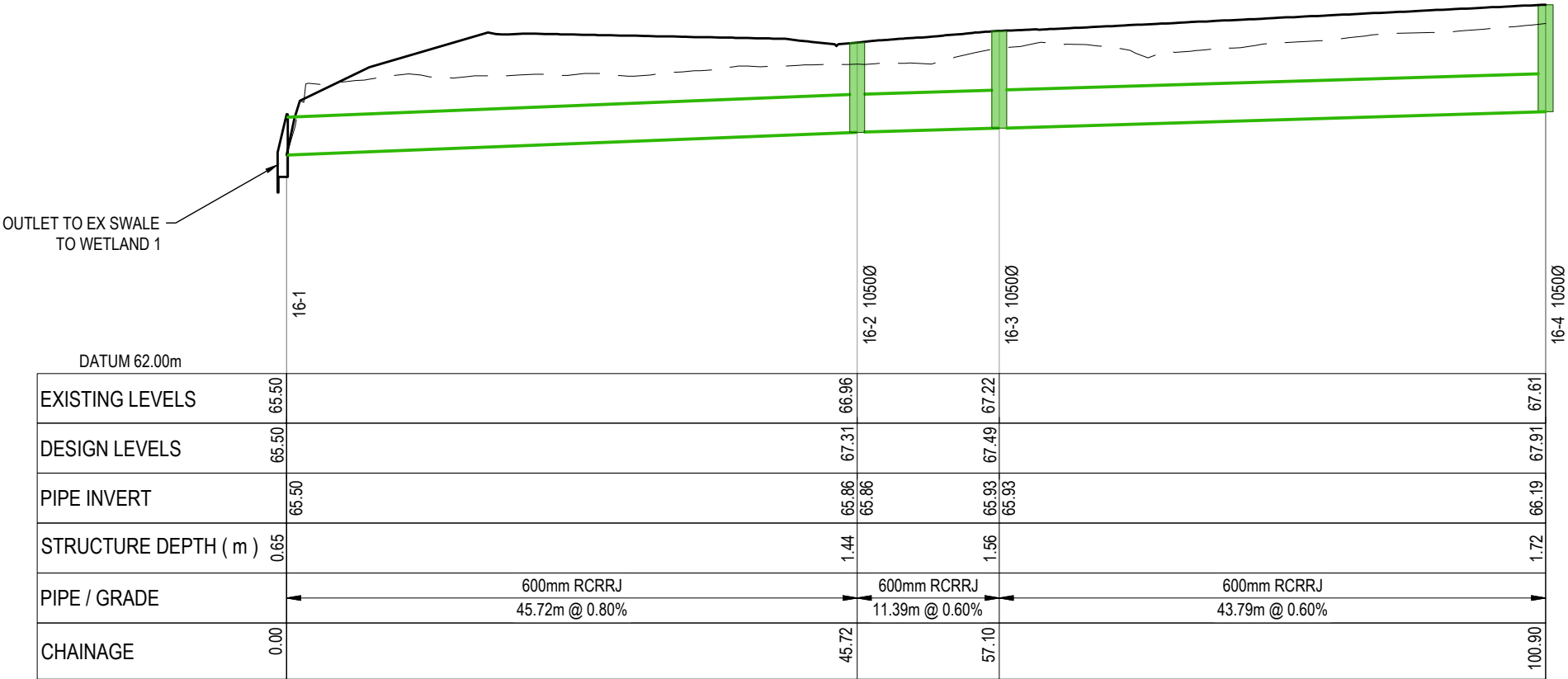
Title

**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4218	Rev	<b>A</b>



DATE: 11/18/25 FILE PATH: \\MAVEN\MAVENCONSULTING\CON\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 16-1 TO 16-4  
SCALE: HORI 1:500 VERT 1:100

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
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LEGEND

--- EX GROUND LEVEL  
--- PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	DIJ		11/2025
Drawn	DIJ		11/2025
Checked	MS		11/2025

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Project

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

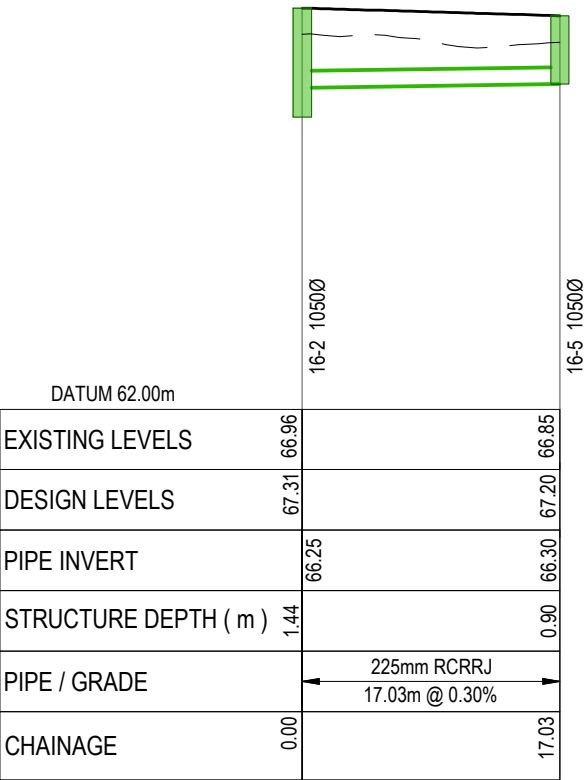
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**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

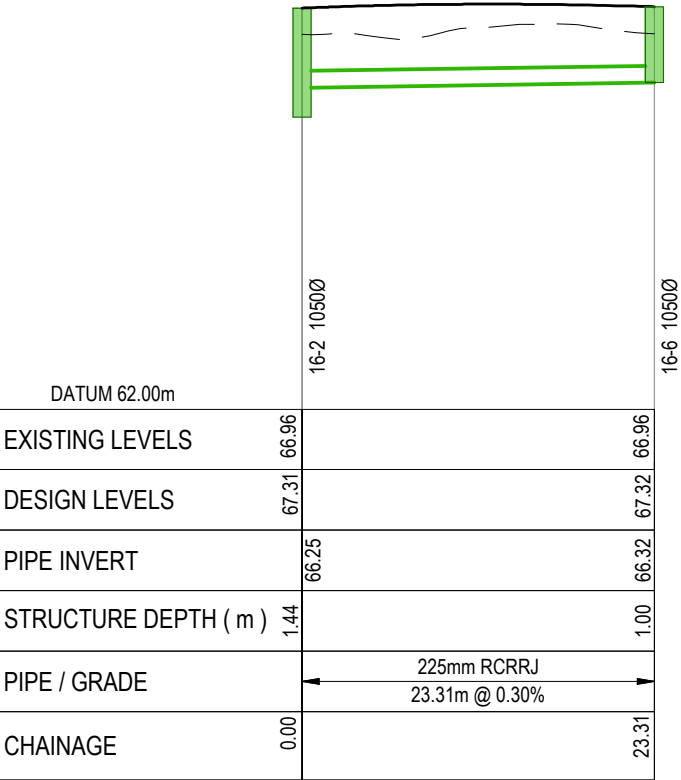
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Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4219	Rev	<b>A</b>

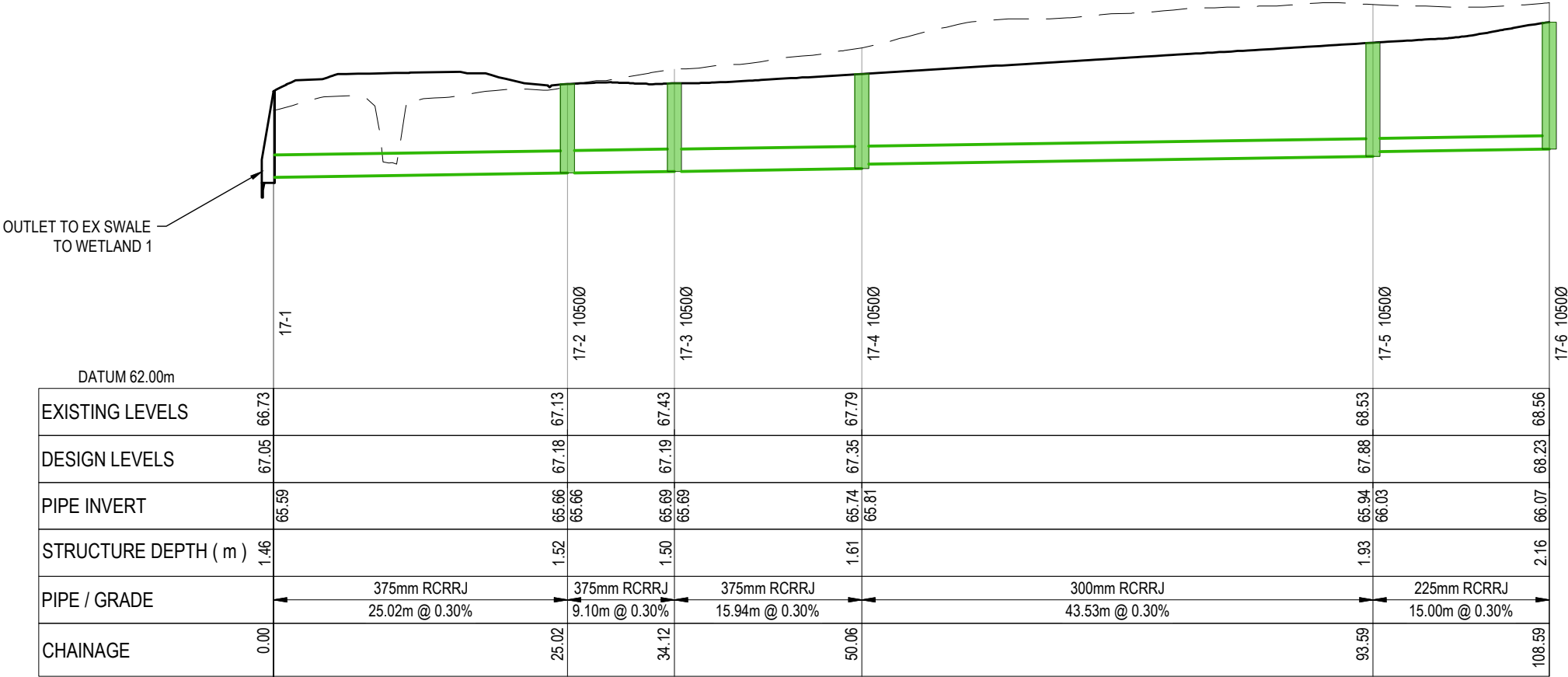
RESOURCE CONSENT

PR-SW 16-2 TO 16-5  
SCALE: HORI 1:500 VERT 1:100



PR-SW 16-2 TO 16-6  
SCALE: HORI 1:500 VERT 1:100





PR-SW 17-1 TO 17-6  
SCALE: HORI 1:500 VERT 1:100

- NOTES
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LEGEND

---

EX GROUND LEVEL

---

PR GROUND LEVEL

00

CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	

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Auckland 1023

Project

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

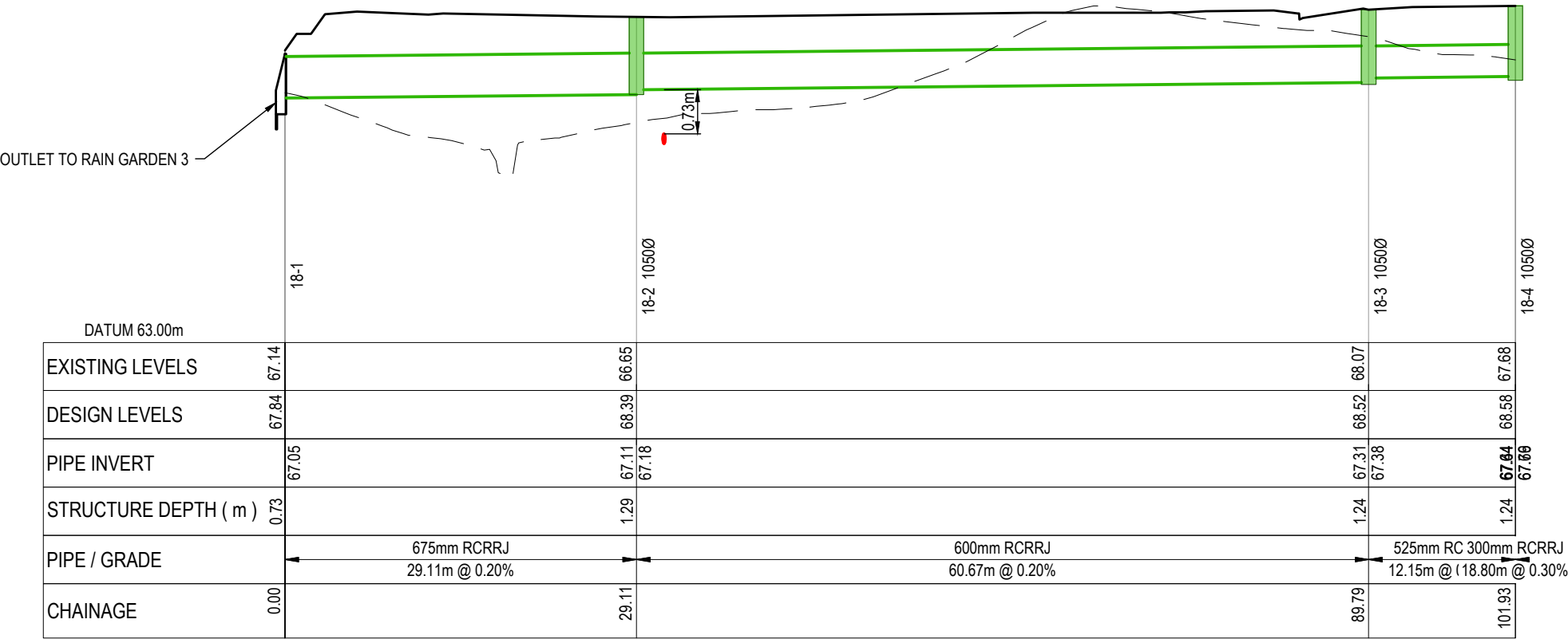
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**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

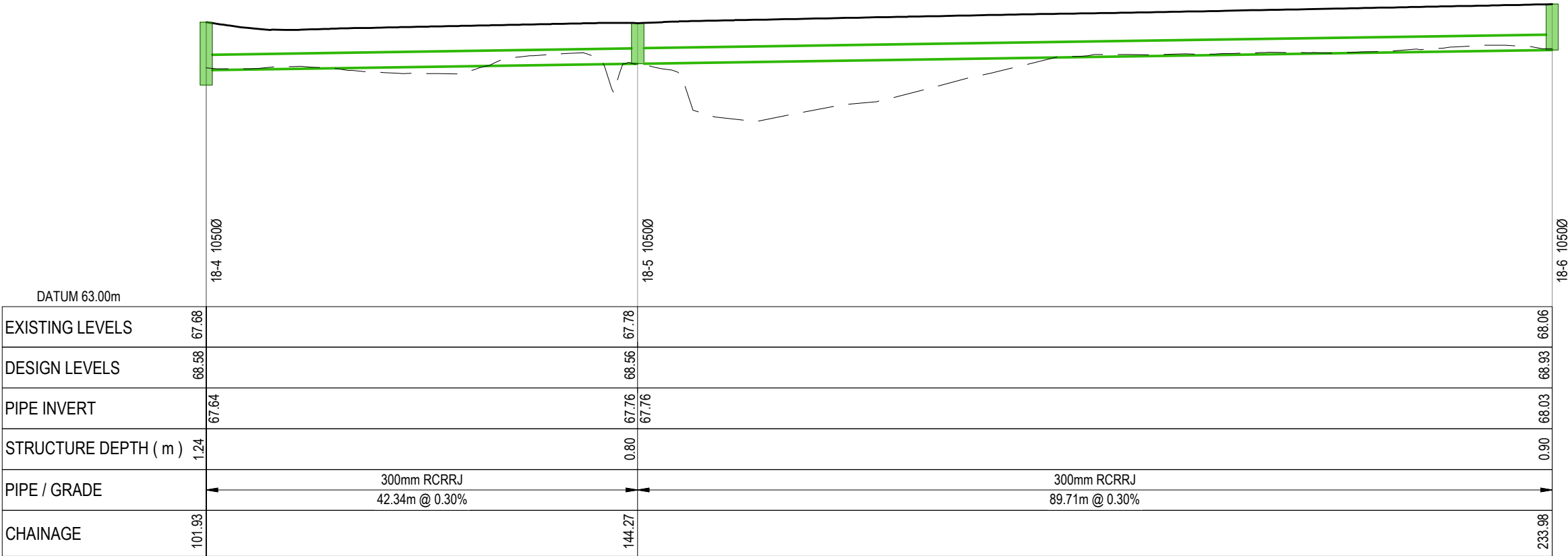
Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4220	Rev	<b>A</b>

RESOURCE CONSENT

DATE: 11/18/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO\SHARE\CURRENT\MAVEN\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\DWG\289001 C4000 - SW.DWG



PR-SW 18-1 TO 18-4  
SCALE: HORI 1:500 VERT 1:100



PR-SW 18-4 TO 18-6  
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
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LEGEND

--- EX GROUND LEVEL

--- PR GROUND LEVEL

0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	



Project

**ASHBOURNE**

**RETIREMENT VILLAGE**

**MATAMATA**

**FOR**

**UNITY DEVELOPMENT LTD**

Title

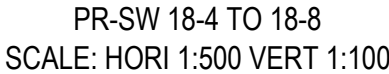
**PROPOSED**

**STORMWATER**

**LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4221	Rev	<b>A</b>





1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
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EX GROUND LEVEL  
PR GROUND LEVEL  
CROSSING PIPE

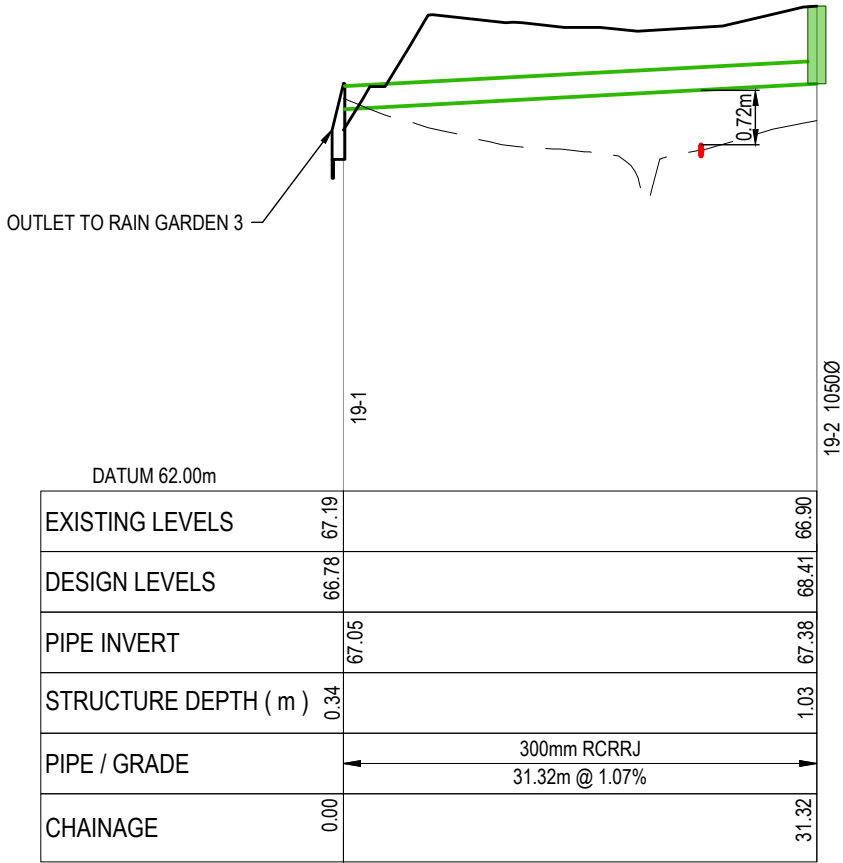
**M**<sup>®</sup>  
**M A E N**

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info@maven.co.nz  
www.maven.co.nz  
5 Owens Road, Epsom  
Auckland 1023

Title

**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4222	Rev	<b>A</b>



PR-SW 19-1 TO 19-2  
SCALE: HORI 1:500 VERT 1:100

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH RITS STANDARDS.
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LEGEND

— — — — — EX GROUND LEVEL  
— — — — — PR GROUND LEVEL  
0 0 CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	

M

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Project

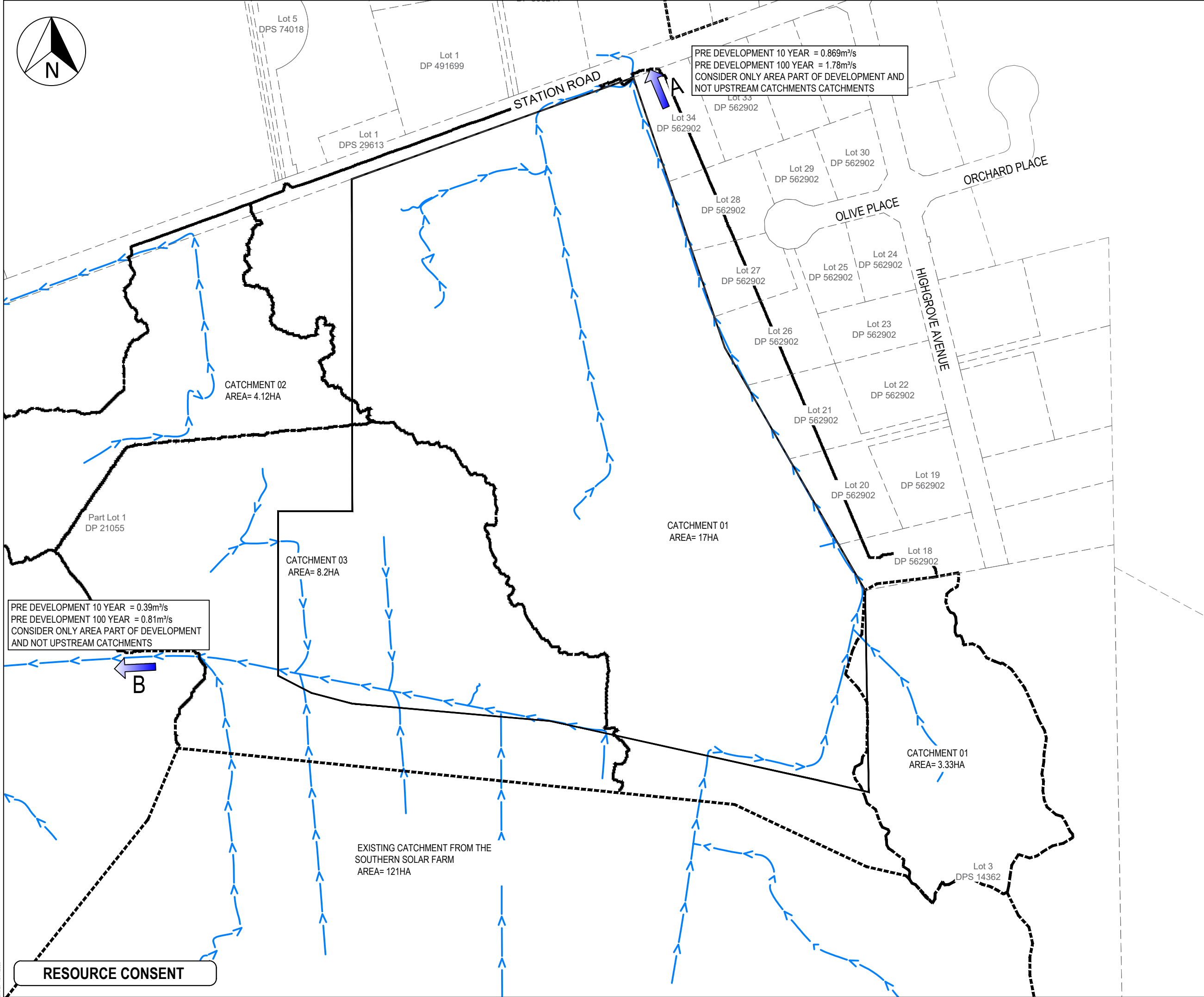
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title

**PROPOSED  
STORMWATER  
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4223	Rev	A

RESOURCE CONSENT



**NOTES**

- All works to be in accordance with Waikato Regional Infrastructure Technical Specifications (RITS)
- Refer to stormwater calculations within infrastructure reporting.

Legend

- EX BDY
- PROP BDY
- OVERLAND FLOW

C	RESOURCE CONSENT	LP	11/25
B	FOR CONSENT	MS	04/25
A	FOR REVIEW	DP	01 /25
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	DP	12/2024	
Drawn	DP	12/2024	
Checked	SB	12/2024	

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Project

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

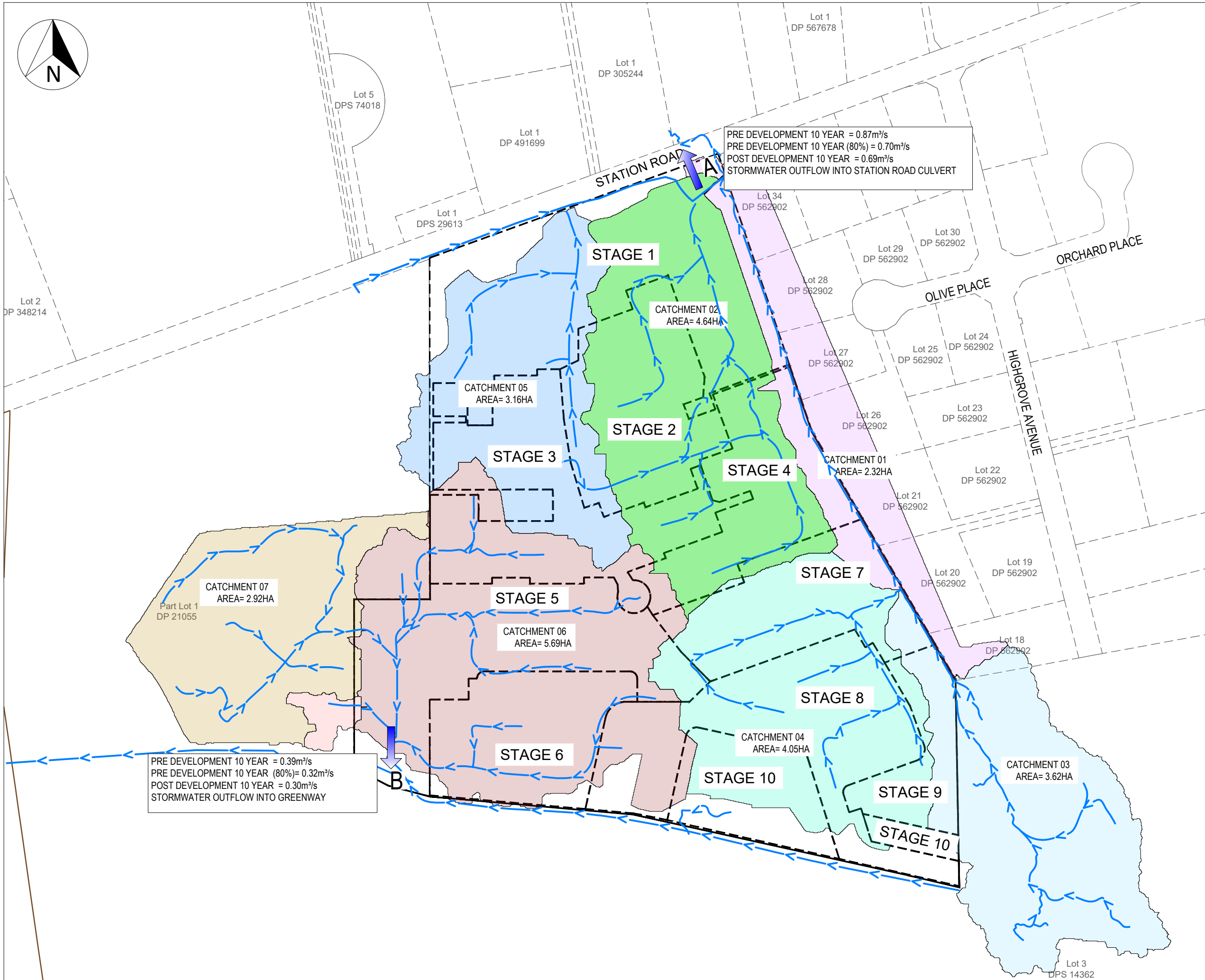
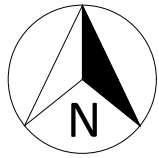
Title

**EXISTING STORMWATER  
CATCHMENT  
PLAN**

Project no.	289001		
Scale	1:3000@A3		
Cad file	C4050 - SW EX.CATCH.DWG		
Drawing no.	C4050	Rev	<b>C</b>



DATE: 15.11.2025  
FILE: I:\maven.mavencoconsulting.co.nz\share\Current\MAVEN\Projects\289001 - Station Road - RV Drainage\DWG\C4051 - SW PR.CATCH.dwg



PRE DEVELOPMENT 10 YEAR = 0.87m³/s  
PRE DEVELOPMENT 10 YEAR (80%) = 0.70m³/s  
POST DEVELOPMENT 10 YEAR = 0.69m³/s  
STORMWATER OUTFLOW INTO STATION ROAD CULVERT

PRE DEVELOPMENT 10 YEAR = 0.39m³/s  
PRE DEVELOPMENT 10 YEAR (80%) = 0.32m³/s  
POST DEVELOPMENT 10 YEAR = 0.30m³/s  
STORMWATER OUTFLOW INTO GREENWAY

- NOTES
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications (RITS)
  2. refer to stormwater calculations within infrastructure reporting.

Legend

---	EX BDY
---	PROP BDY
---	STAGING BDY
---	OVERLAND FLOW

C	RESOURCE CONSENT	LP	11/25
B	FOR CONSENT	MS	04/25
A	FOR REVIEW	DP	01/25
Rev	Description	By	Date
	Survey	MAVEN	10/2024
	Design	DP	12/2024
	Drawn	DP	12/2024
	Checked	SB	12/2024

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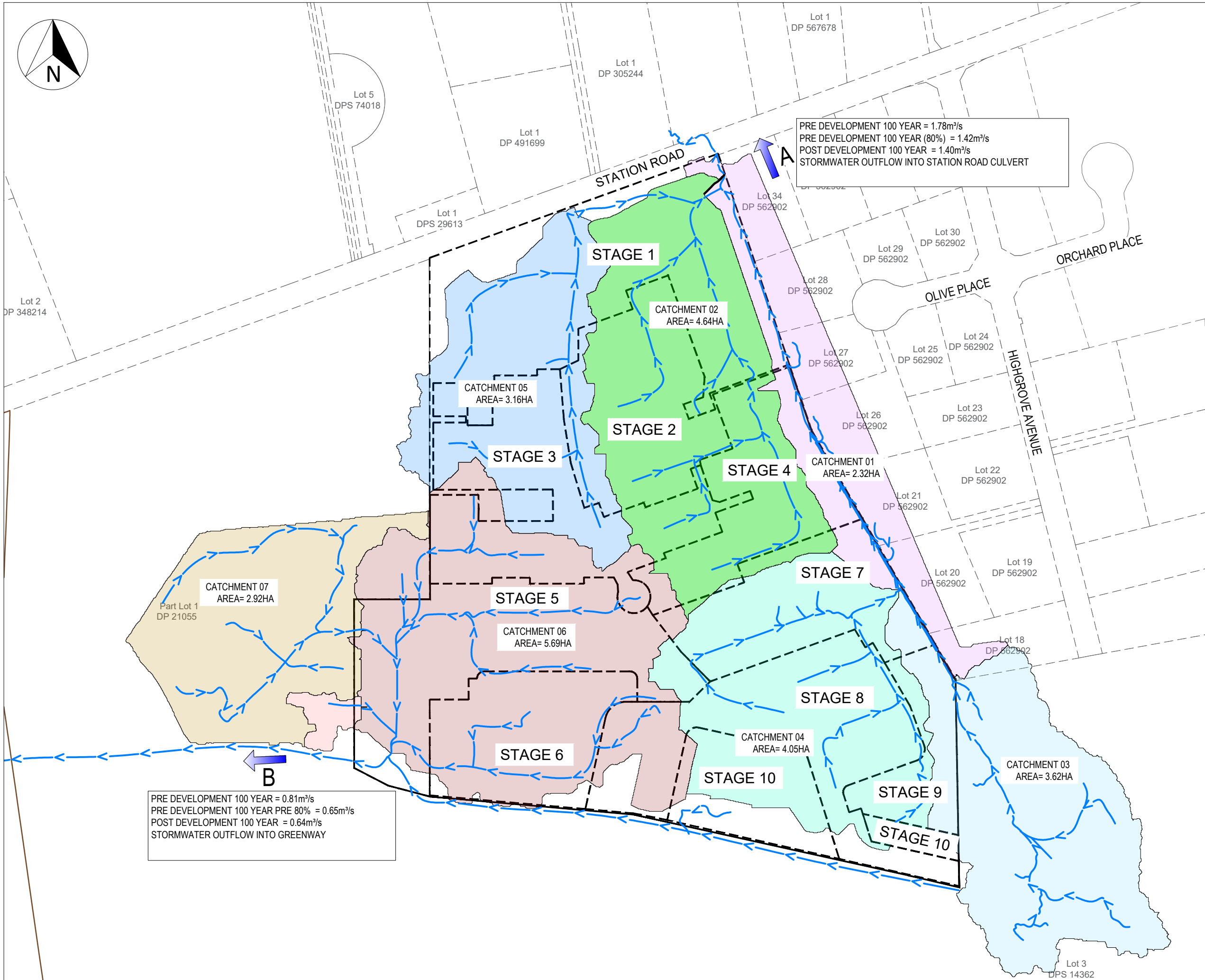
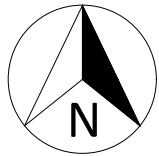
Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED 10 YEAR  
STORMWATER  
CATCHMENT PLAN**

Project no.	289001		
Scale	1:3000@A3		
Cad file	C4051 - SW PR.CATCH.DWG		
Drawing no.	C4051	Rev	C

RESOURCE CONSENT

DATE: 15.11.2025  
FILE: I:\maven.mavencoconsulting.co.nz\share\Current\MAVEN\Projects\289001 - Station Road - RV Drainage\DWG\C4051 - SW PR.CATCH.dwg



PRE DEVELOPMENT 100 YEAR = 1.78m³/s  
PRE DEVELOPMENT 100 YEAR (80%) = 1.42m³/s  
POST DEVELOPMENT 100 YEAR = 1.40m³/s  
STORMWATER OUTFLOW INTO STATION ROAD CULVERT

PRE DEVELOPMENT 100 YEAR = 0.81m³/s  
PRE DEVELOPMENT 100 YEAR PRE 80% = 0.65m³/s  
POST DEVELOPMENT 100 YEAR = 0.64m³/s  
STORMWATER OUTFLOW INTO GREENWAY

- NOTES
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications (RITS)
  2. refer to stormwater calculations within infrastructure reporting.

Legend

---	EX BDY
---	PROP BDY
---	STAGING BDY
---	OVERLAND FLOW

C	RESOURCE CONSENT	LP	11/25
B	FOR CONSENT	MS	04/25
A	FOR REVIEW	DP	01/25
Rev	Description	By	Date
	Survey	MAVEN	10/2024
	Design	DP	12/2024
	Drawn	DP	12/2024
	Checked	SB	12/2024

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New Zealand

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

Title  
**PROPOSED 100 YEAR  
STORMWATER  
CATCHMENT PLAN**

Project no.	289001		
Scale	1:3000@A3		
Cad file	C4051 - SW PR.CATCH.DWG		
Drawing no.	C4052	Rev	C

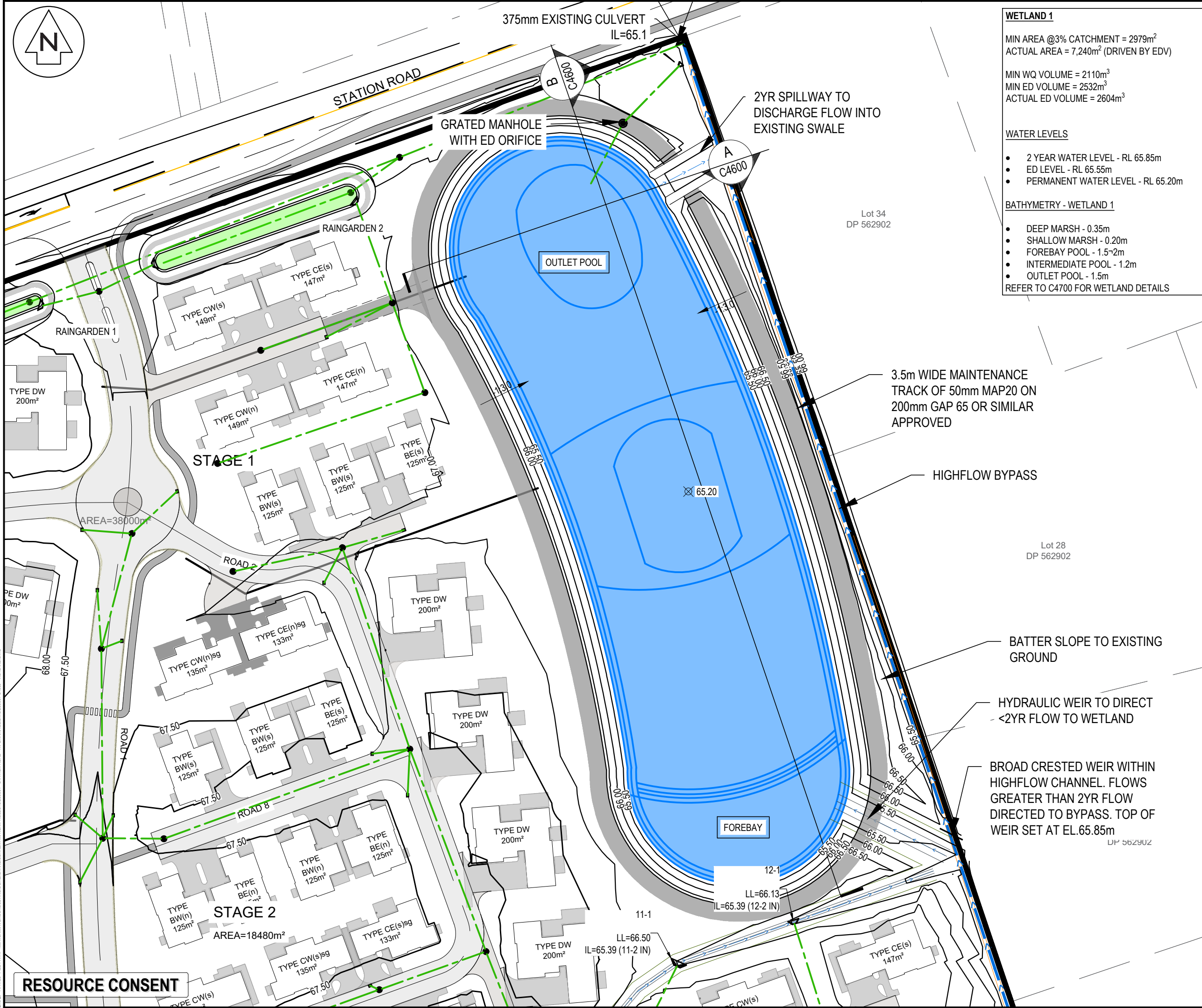
RESOURCE CONSENT





- |             |                            |     |          |
|-------------|----------------------------|-----|----------|
| Project no. | 289001                     |     |          |
| Scale       | 1:2500 @ A3                |     |          |
| Cad file    | 289001 C4300 - WETLAND.DWG |     |          |
| Drawing no. | C4300-1                    | Rev | <b>A</b> |





**WETLAND 1**

MIN AREA @3% CATCHMENT = 2979m<sup>2</sup>  
ACTUAL AREA = 7,240m<sup>2</sup> (DRIVEN BY EDV)

MIN WQ VOLUME = 2110m<sup>3</sup>  
MIN ED VOLUME = 2532m<sup>3</sup>  
ACTUAL ED VOLUME = 2604m<sup>3</sup>

**WATER LEVELS**

- 2 YEAR WATER LEVEL - RL 65.85m
- ED LEVEL - RL 65.55m
- PERMANENT WATER LEVEL - RL 65.20m

**BATHYMETRY - WETLAND 1**

- DEEP MARSH - 0.35m
- SHALLOW MARSH - 0.20m
- FOREBAY POOL - 1.5-2m
- INTERMEDIATE POOL - 1.2m
- OUTLET POOL - 1.5m

REFER TO C4700 FOR WETLAND DETAILS

- NOTES**
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
  4. PIPE BEDDING: 0 - 10% GRANULAR BEDDING, 10 - 20% WEAK CONCRETE BEDDING GREATER THAN 20% WEAK CONCRETE BEDDING (7MPa PLUS ANTI SCOUR BLOCKS AT 6M CRS).
  5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
  6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
  7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
  8. ALL MANHOLES ARE TO BE 1050MMØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
  9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M.
  10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
  11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

**LEGEND:**

- EXISTING BDY
- PROP BDY
- 0.5m CONTOURS
- RAINGARDEN
- WETLAND

A	RESOURCE CONSENT	LP	11/2025
Rev	Description	By	Date
Survey	MAVEN		11/2025
Design	LP		11/2025
Drawn	LP		11/2025
Checked	MS		11/2025

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Auckland 1023

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

Title  
**PROPOSED  
WETLAND  
PLAN**

Project no.	289001
Scale	1:750 @ A3
Cad file	289001 C4300 - WETLAND.DWG
Drawing no.	C4300-2
Rev	<b>A</b>

DATE: 11/1/25 FILE PATH: \\MAVEN\MAVENCONSULTING\CD\ASHBOURNE\PROJECTS\289001 - STATION ROAD - RV DRAINAGE\WETLAND.DWG

**RESOURCE CONSENT**



#### WETLAND 2

MIN AREA @3% CATCHMENT = 1670m<sup>2</sup>  
ACTUAL AREA = 4,414m<sup>2</sup> (DRIVEN BY EDV)

MIN WQ VOLUME = 1183m<sup>3</sup>  
MIN ED VOLUME = 1420m<sup>3</sup>  
ACTUAL ED VOLUME = 1598m<sup>3</sup>

#### WATER LEVELS

- 2 YEAR WATER LEVEL - RL 66.15m
- ED LEVEL - RL 65.85m
- PERMANENT WATER LEVEL - RL 65.50m

#### BATHYMETRY - WETLAND 2

- DEEP MARSH - 0.35m
- SHALLOW MARSH - 0.20m
- FOREBAY POOL - 1.5-2m
- INTERMEDIATE POOL - 1.2m
- OUTLET POOL - 1.5m

REFER TO C4701 FOR WETLAND DETAILS

3.5m WIDE MAINTENANCE TRACK OF 50mm  
MAP20 ON 200mm GAP 65 OR SIMILAR  
APPROVED

BATTER SLOPE TO  
EXISTING GROUND

HYDRAULIC WEIR TO DIRECT  
<2YR FLOW TO WETLAND

FOREBAY

GRATED MANHOLE  
WITH ED ORIFICE

OUTLET POOL

2YR SPILLWAY TO  
DISCHARGE FLOW INTO  
HIGHFLOW BYPASS

BROAD CRESTED WEIR WITHIN  
HIGHFLOW CHANNEL. FLOWS  
GREATER THAN 2YR FLOW  
DIRECTED TO BYPASS. TOP OF  
WEIR SET AT EL. 66.15m

HIGHFLOW BYPASS.

HYDRAULIC WEIR TO PROVIDE MITIGATION FOR 10  
AND 100YR. REFER TO C4701 FOR DETAILS

DISCHARGE TO  
GREENWAY @65.00m

REFER TO ASHBOURNE RESIDENTIAL  
PLANS 289001 C490 FOR GREENWAY  
DESIGN

RESOURCE CONSENT

#### NOTES

- ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
- COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
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- ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
- ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

#### LEGEND:

- EXISTING BDY
- PROP BDY
- 0.5m CONTOURS
- RAINGARDEN
- WETLAND

Rev	Description	By	Date
A	RESOURCE CONSENT	LP	11/2025
Rev	Description	By	Date
Survey	MAVEN		11/2025
Design	LP		11/2025
Drawn	LP		11/2025
Checked	MS		11/2025



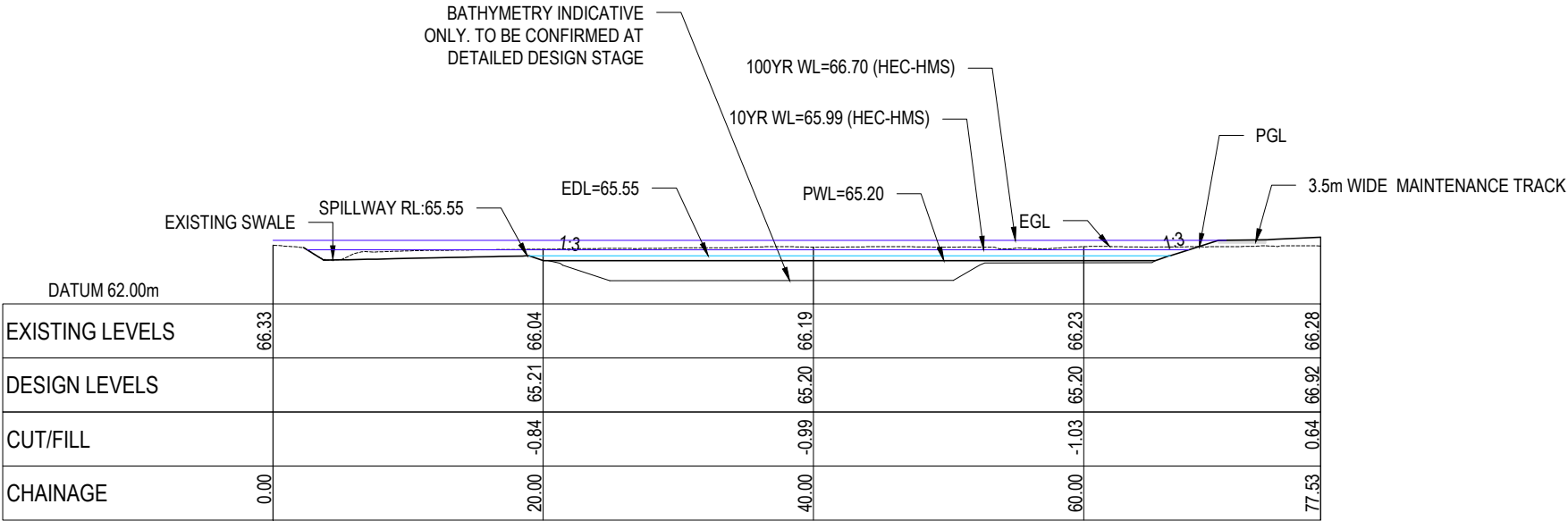
Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
WETLAND  
PLAN**

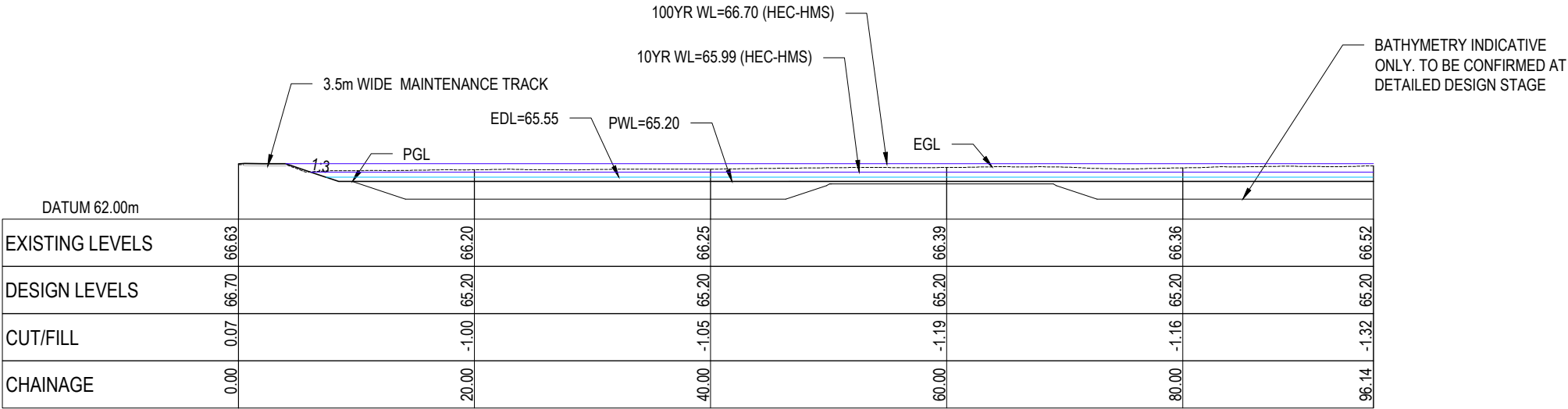
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Scale	1:750 @ A3
Cad file	289001 C4300 - WETLAND.DWG
Drawing no.	C4300-3
Rev	A



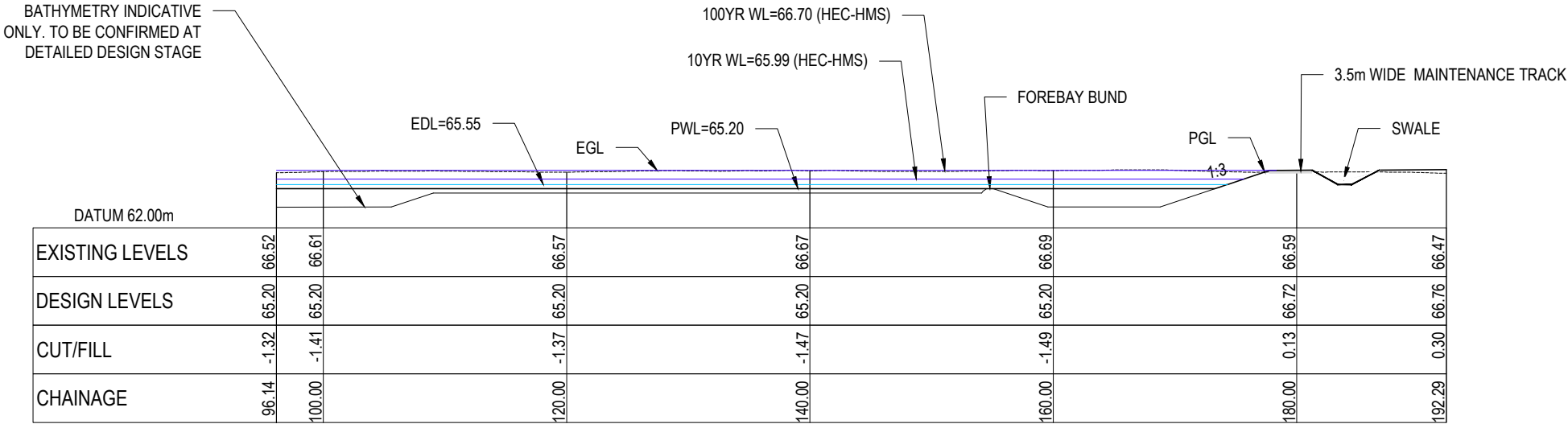
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20  
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DATE: 15.11.2025  
FILE: I:\maven.mavenconsulting.co.nz\share\Current\MAVEN\Projects\289001 - Station Road - RV Drainage\DWG\C4600 - WETLAND SECTIONS.dwg



WETLAND 1 A - A  
SCALE: HORI 1:100 VERT 1:100



WETLAND 1 B-B  
SCALE: HORI 1:100 VERT 1:100



WETLAND 1 B-B CON.  
SCALE: HORI 1:100 VERT 1:100

RESOURCE CONSENT

- Notes
1. All works to be in accordance with RITS standards.
  2. Co-ordinates in terms of Mount Eden 2000.
  3. Reduced Levels are in terms of NZVD 2016.
  4. It is the contractors responsibility to locate all services that may be affected by his operations.
  5. Pipe bedding: 0 - 10% granular bedding, 10 - 20% weak concrete bedding, greater than 20% weak concrete bedding (7mpa plus anti scour blocks at 6m crs).
  6. Approved hardfill is to be used in backfilling of all road crossings and vehicle crossings to council standards.
  7. Heavy duty manhole lids and frames to be used in trafficked areas.
  8. All cesspit leads shall have min cover 0.9m.
  9. All lines to be abandoned shall be sealed at each end, timing of all sealing to be coordinated with council staff.

C	RESOURCE CONSENT	LP	11/25
B	FOR CONSENT	MS	04/25
A	FOR REVIEW	DP	01/25
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	KQ	12/2024	
Drawn	DP	12/2024	
Checked	SB	12/2024	

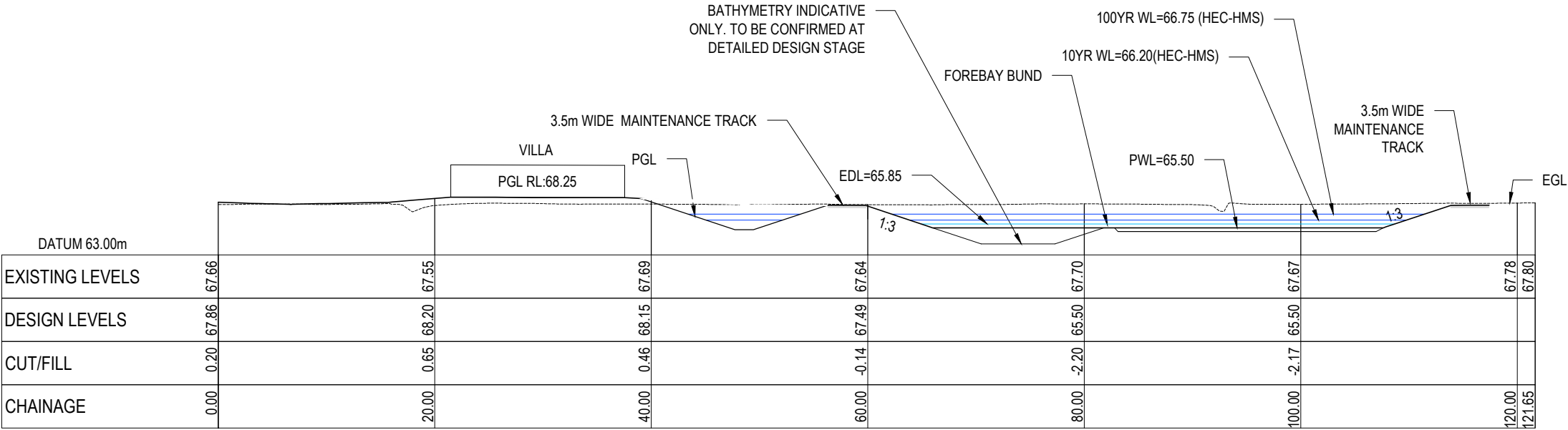


Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

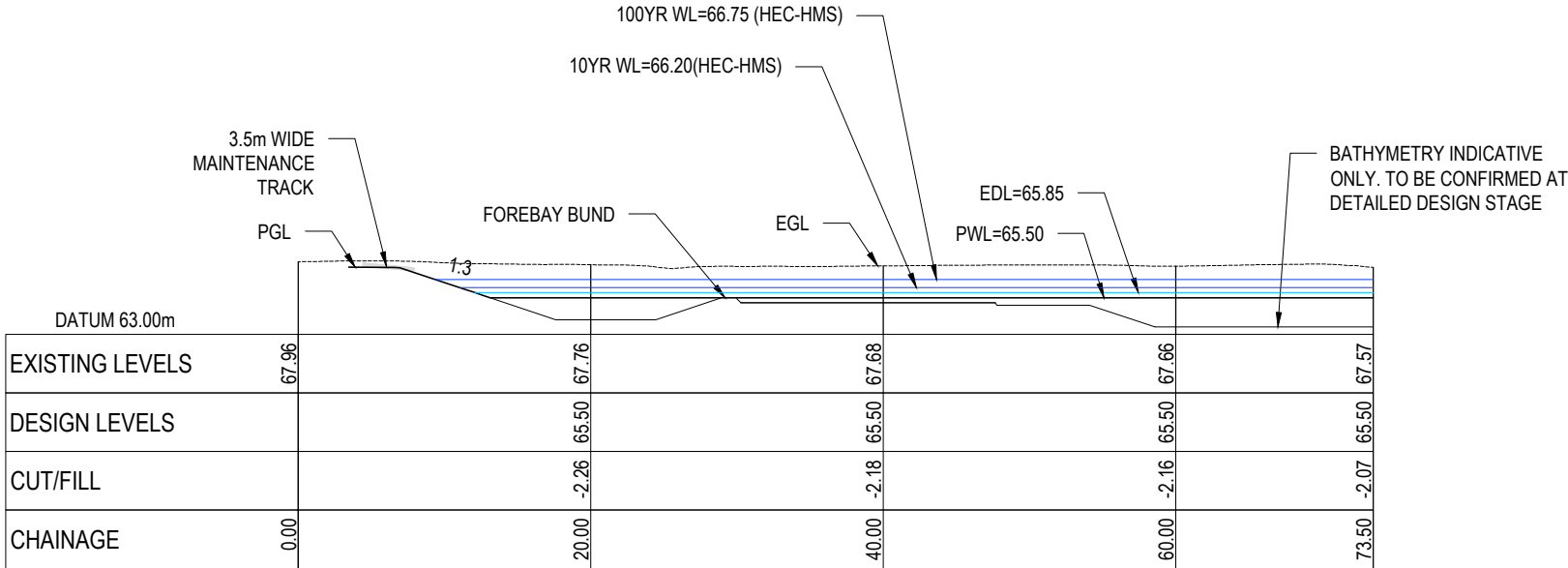
Title  
**PROPOSED  
WETLAND 1  
CROSS SECTION PLAN**

Project no.	289001		
Scale	AS SHOWN		
Cad file	C4600 - WETLAND SECTIONS.DWG		
Drawing no.	C4600	Rev	<b>C</b>

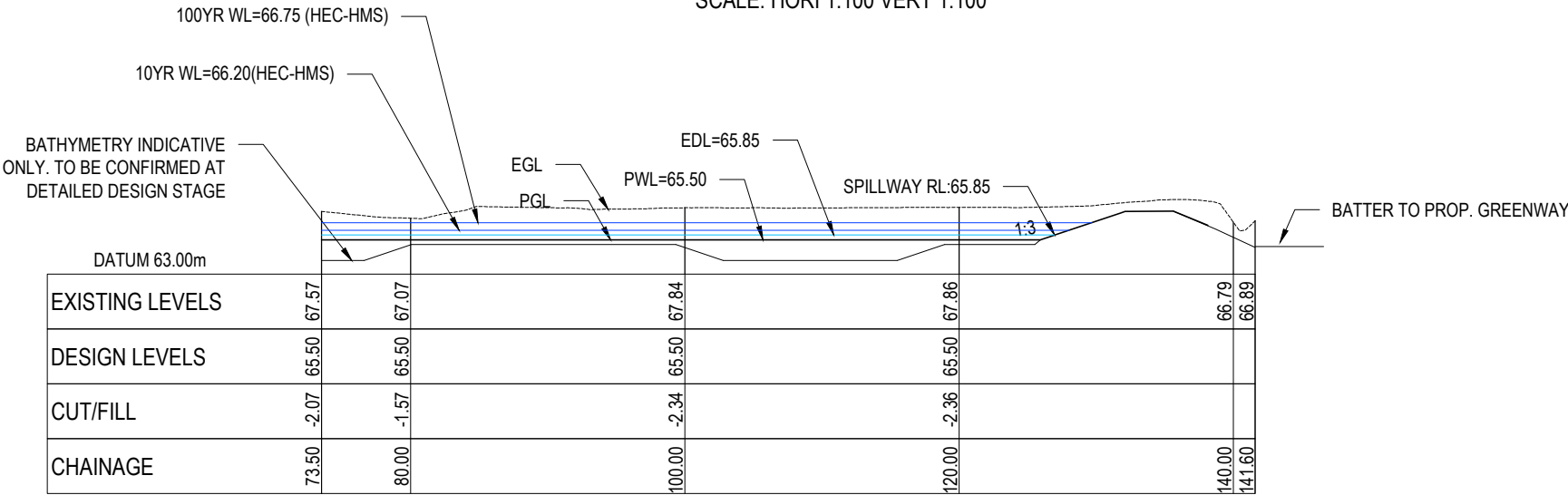
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FILE: I:\maven.mavenconsulting.co.nz\share\Current\MAVEN\Projects\289001 - Station Road - RV Drainage\DWG\C4600 - WETLAND SECTIONS.dwg



WETLAND 2 A-A  
SCALE: HORI 1:100 VERT 1:100



WETLAND 2 B-B  
SCALE: HORI 1:100 VERT 1:100



WETLAND 2 B-B CON.  
SCALE: HORI 1:100 VERT 1:100

- Notes
1. All works to be in accordance with RITS standards.
  2. Co-ordinates in terms of Mount Eden 2000.
  3. Reduced Levels are in terms of NZVD 2016.
  4. It is the contractors responsibility to locate all services that may be affected by his operations.
  5. Pipe bedding: 0 - 10% granular bedding, 10 - 20% weak concrete bedding, greater than 20% weak concrete bedding (7mpa plus anti scour blocks at 6m crs).
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  7. Heavy duty manhole lids and frames to be used in trafficked areas.
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C	RESOURCE CONSENT	LP	11/25
B	FOR CONSENT	MS	04/25
A	FOR REVIEW	DP	01/25
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	KQ	11/2024	
Drawn	DP	12/2024	
Checked	SB	12/2024	



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

Title  
**PROPOSED  
WETLAND 2  
CROSS SECTION PLAN**

Project no.	J00606
Scale	AS SHOWN
Cad file	C4600 - WETLAND SECTIONS.DWG
Drawing no.	C4601
Rev	C

RESOURCE CONSENT





REFER TO ASHBOURNE  
RESIDENTIAL PLANS 289001 C490  
FOR GREENWAY DESIGN

RESOURCE CONSENT

- Notes
1. All works to be in accordance with RITS standards.
  2. Co-ordinates in terms of Mount Eden 2000.
  3. Reduced Levels are in terms of NZVD 2016.
  4. It is the contractors responsibility to locate all services that may be affected by his operations.

C	RESOURCE CONSENT	LP	11/25
B	FOR CONSENT	MS	04/25
A	FOR REVIEW	DP	01/25
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	KQ		12/2024
Drawn	DP		12/2024
Checked	SB		12/2024

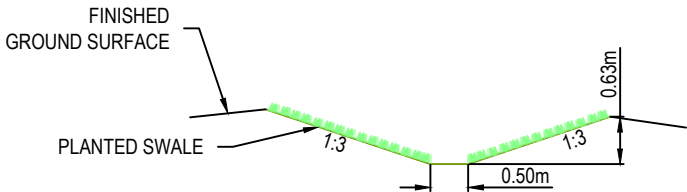
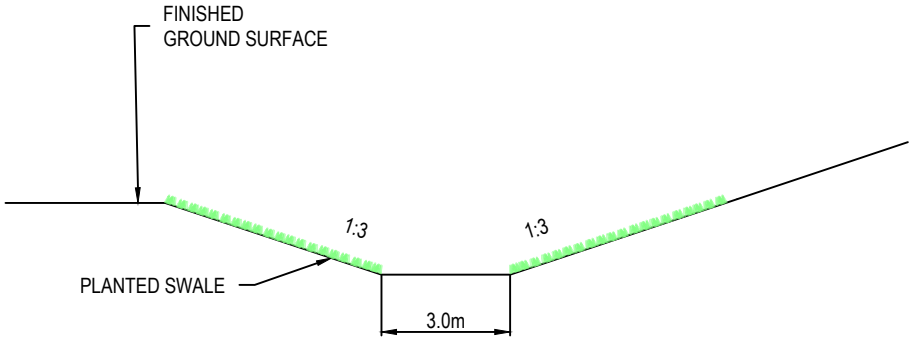
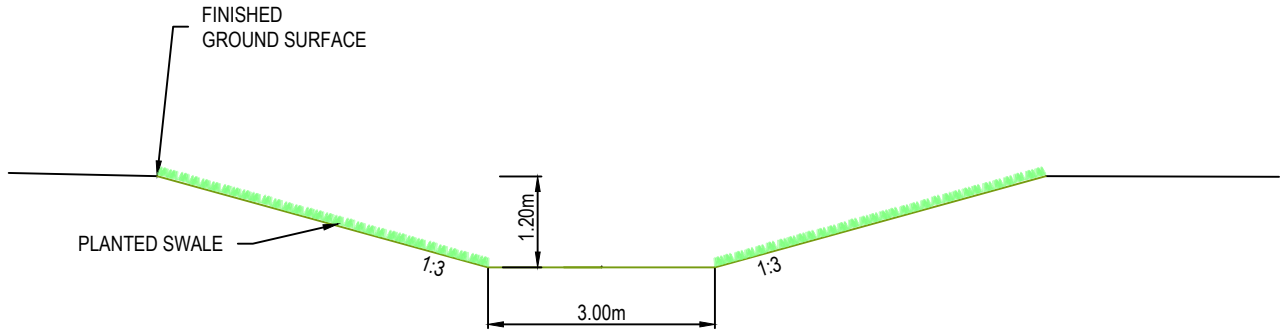
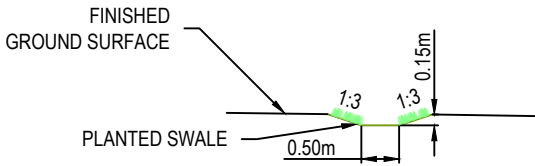
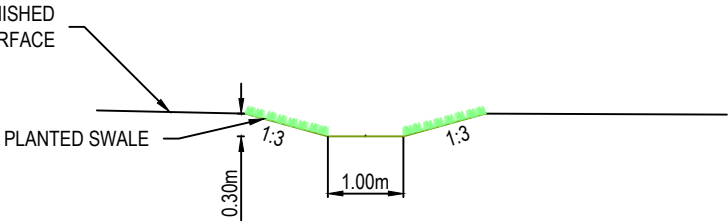
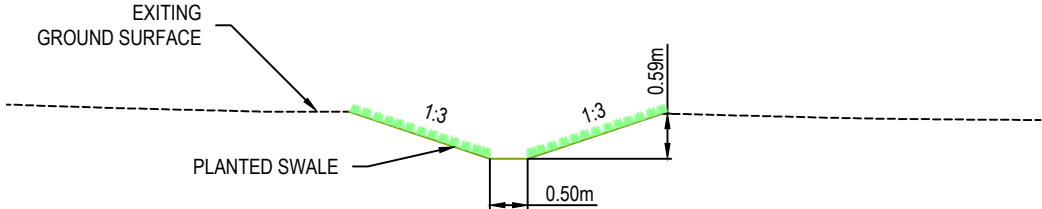


Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
STORMWATER SWALES  
LAYOUT PLAN**

Project no.	289001		
Scale	1:2500		
Cad file	C4650 - SW SWALES.DWG		
Drawing no.	C4650	Rev	C

ORIGINAL SIZE: A3  
150mm  
100  
80  
60  
40  
30  
20  
10  
0  
DATE: 11/11/2025  
FILE: F:\MAVEN\Projects\289001 - Station Road - RV Drainage\DWG\C4650 - SW SWALES.dwg



- Notes
1. All works to be in accordance with RITS standards.
  2. Co-ordinates in terms of Mount Eden 2000.
  3. Reduced Levels are in terms of NZVD 2016.
  4. It is the contractors responsibility to locate all services that may be affected by his operations.

C	RESOURCE CONSENT	LP	11/25
B	FOR CONSENT	MS	04/25
A	FOR REVIEW	DP	01/25
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	KQ	12/2024	
Drawn	DP	12/2024	
Checked	SB	12/2024	



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8 Tainui Street, Matamata  
New Zealand

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

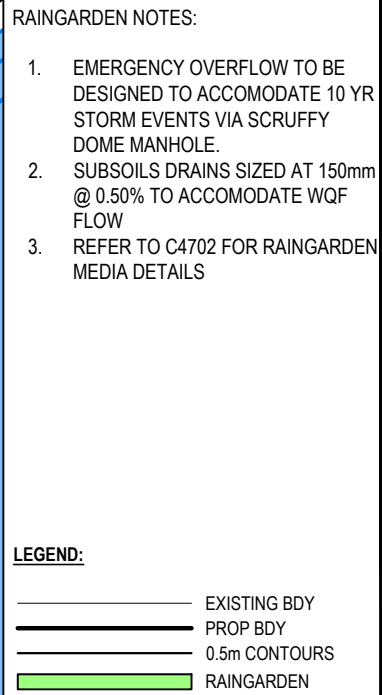
Title  
**PROPOSED  
STORMWATER SWALES  
CROSS SECTIONS**

Project no.	289001		
Scale	1:100		
Cad file	C4650 - SW SWALES.DWG		
Drawing no.	C4651	Rev	<b>C</b>

RESOURCE CONSENT







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 5 Owens Road, Epsom  
 Auckland 1023

Title

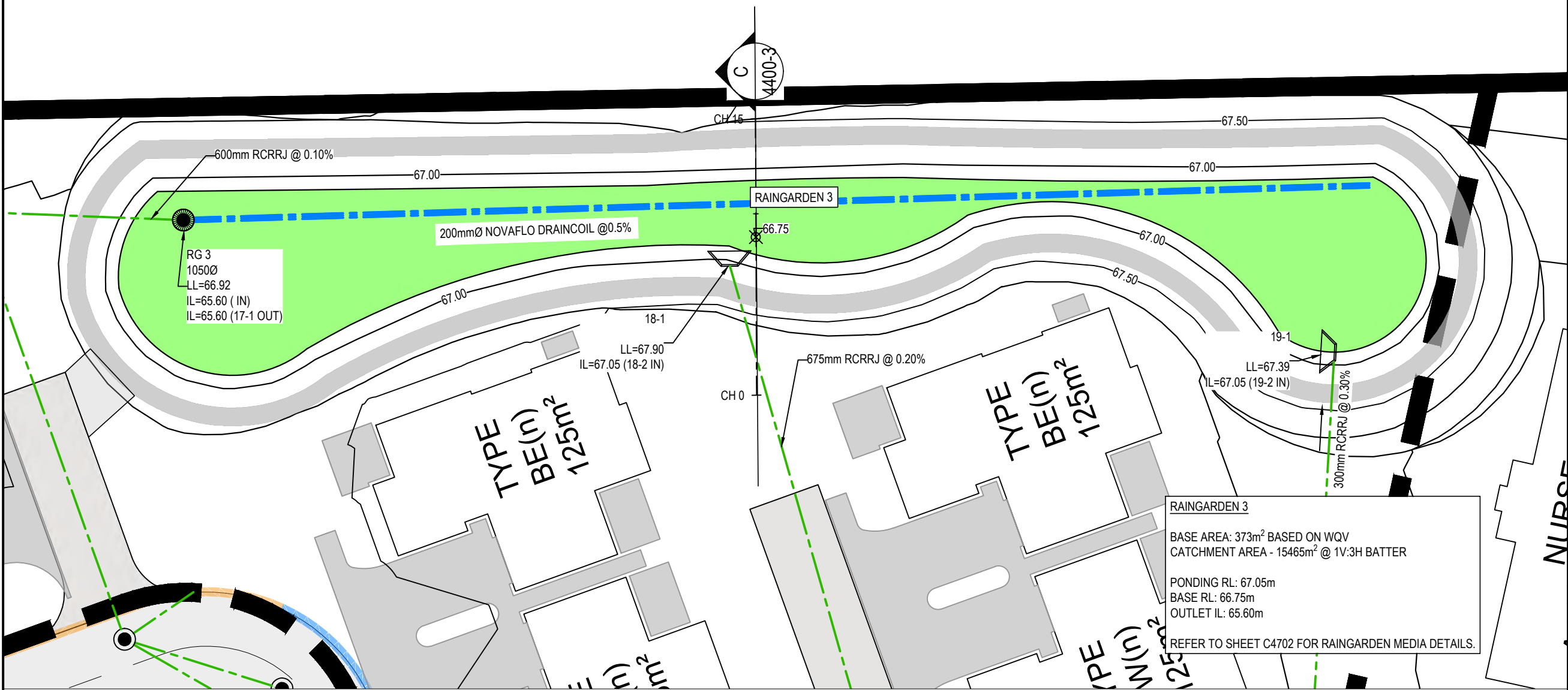
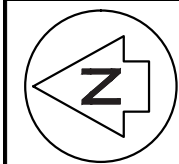
**PROPOSED  
RAINGARDENS  
PLAN**

Project no.	289001		
Scale	1:250 @ A3		
Cad file	289001 C4400 - RAINGARDENS.DWG		
Drawing no.	C4400-2	Rev	<b>A</b>

RAINGARDEN 2 - XS B  
SCALE: HORI 1:250 VERT 1:250

## RESOURCE CONSENT





- RAINGARDEN NOTES:
- EMERGENCY OVERFLOW TO BE DESIGNED TO ACCOMODATE 10 YR STORM EVENTS VIA SCRUFFY DOME MANHOLE.
  - SUBSOILS DRAINS SIZED AT 200mm @ 0.50% TO ACCOMODATE WQF FLOW
  - REFER TO C4702 FOR RAINGARDEN MEDIA DETAILS

LEGEND:

	EXISTING BDY
	PROP BDY
	0.5m CONTOURS
	RAINGARDEN

Rev	Description	By	Date
A	RESOURCE CONSENT	YZ	11/2025
Survey	MAVEN		11/2025
Design	YZ		11/2025
Drawn	YZ		11/2025
Checked	MS		11/2025



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Project

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

Title

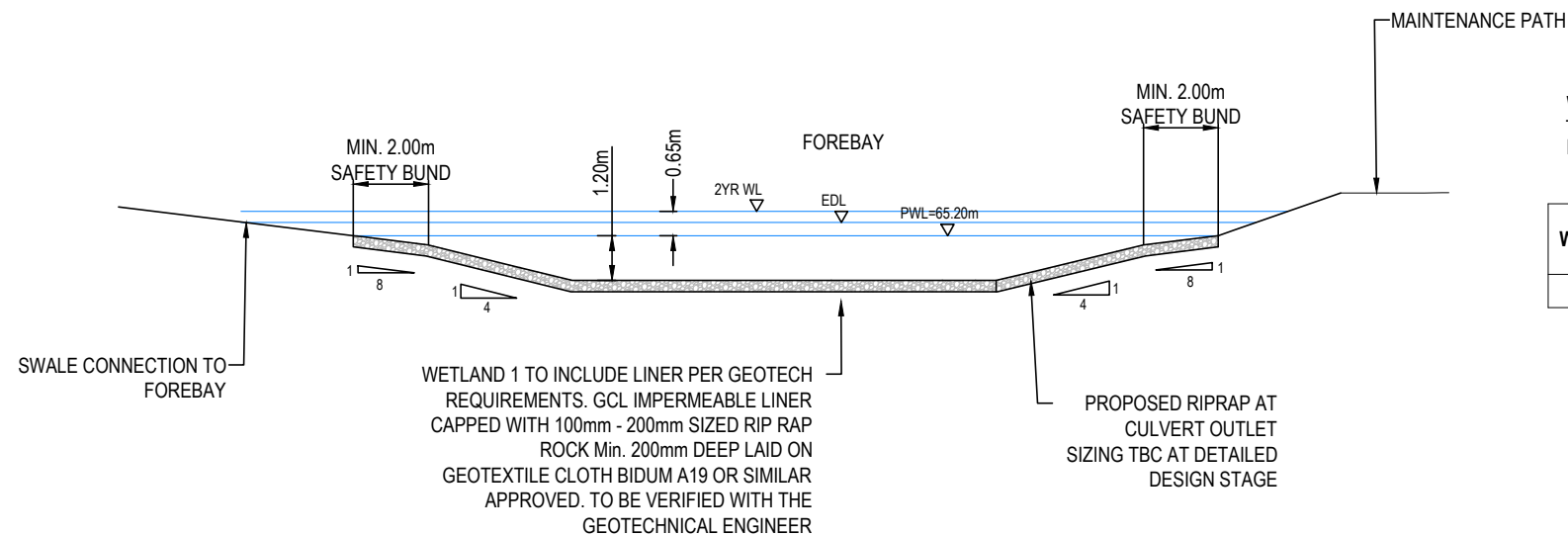
**PROPOSED  
RAINGARDENS  
PLAN**

Project no.	289001		
Scale	1:250 @ A3		
Cad file	289001 C4400 - RAINGARDENS.DWG		
Drawing no.	C4400-3	Rev	<b>A</b>

DATUM 64.00m				
RG RL: 66.75				
EXISTING LEVELS	67.70	67.67	67.61	67.55
DESIGN LEVELS	67.70	67.35	66.75	67.47
CUT/FILL	0.00	-0.32	-0.86	-0.02
CHAINAGE	0.00	5.00	10.00	15.00

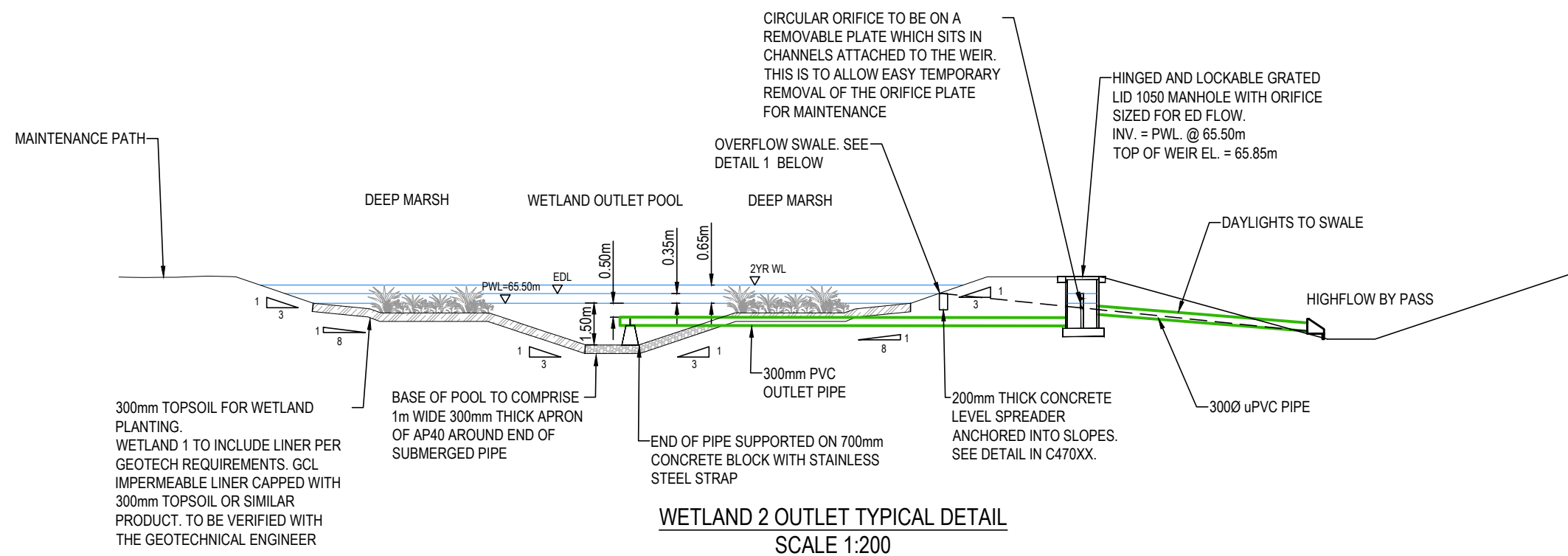
RAINGARDEN 3 - XS C  
SCALE: HORI 1:250 VERT 1:250





WETLAND OUTLET DETAILS SUMMARY TABLE  
LEVELS IN TERMS OF NZVD16 VERTICAL DATUM

Wetland	ED Orifice (mm)	Orifice Invert (m)	Wetland Weir to Overflow Swale - Min Width (m)	Top of Weir (m)
2	176	65.50	2.2	65.85



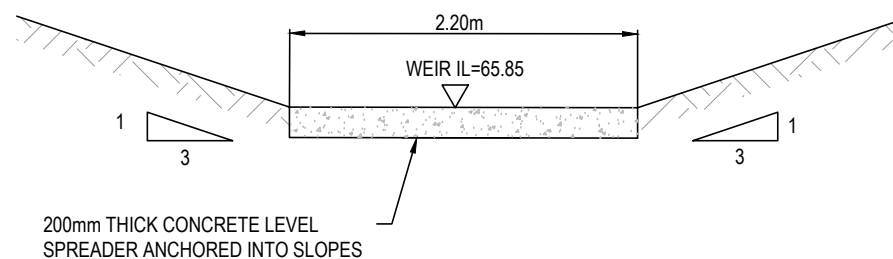
A	RESOURCE CONSENT	LP	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		11/2025
Design	LP		11/2025
Drawn	LP		11/2025
Checked	MS		11/2025



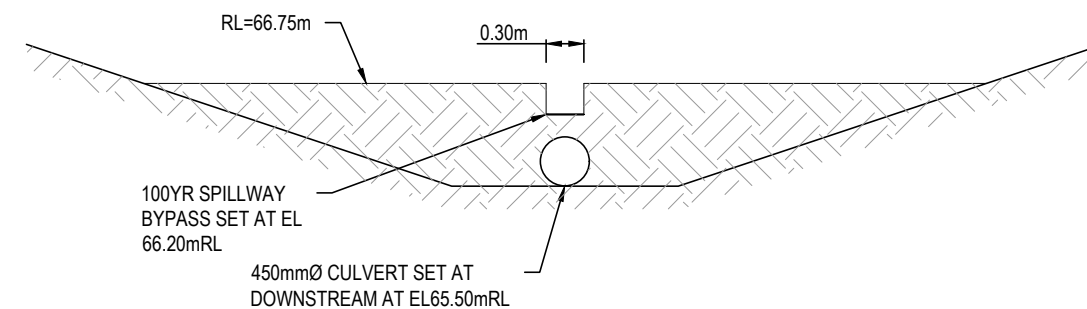
Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
WETLAND & RAINGARDEN  
DETAILS**

Project no.	289001		
Scale	AS SHOWN @ A3		
Cad file	289001 C4700 - SW DETAILS.DWG		
Drawing no.	C4701	Rev	<b>A</b>

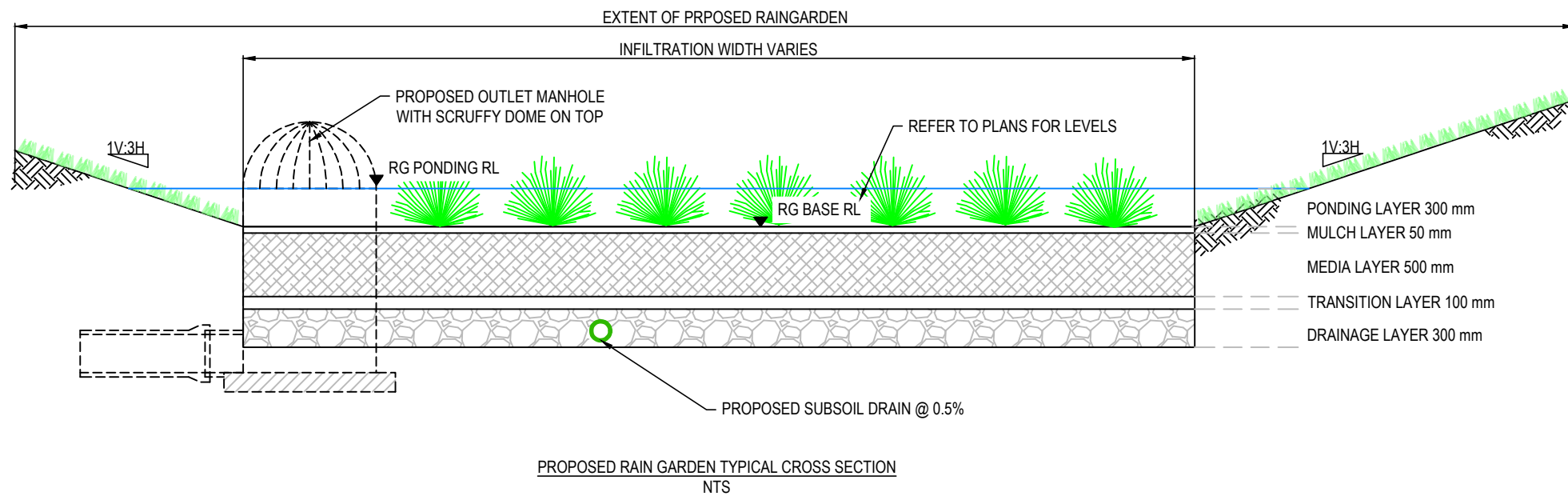


DETAIL 1: WETLAND 2 OVERFLOW SWALE TYPICAL DETAIL  
SCALE 1:200



DETAIL 2: WETLAND 2 HIGHFLOW BYPASS  
OUTLET DETAIL  
SCALE 1:100

RESOURCE CONSENT



PROPOSED RAIN GARDEN TYPICAL CROSS SECTION  
NTS

RESOURCE CONSENT

A	RESOURCE CONSENT	YZ	11/2025
Rev	Description	By	Date
Survey	MAVEN		11/2025
Design	YZ		11/2025
Drawn	YZ		11/2025
Checked	MS		11/2025

M

MAVEN

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5 Owens Road, Epsom

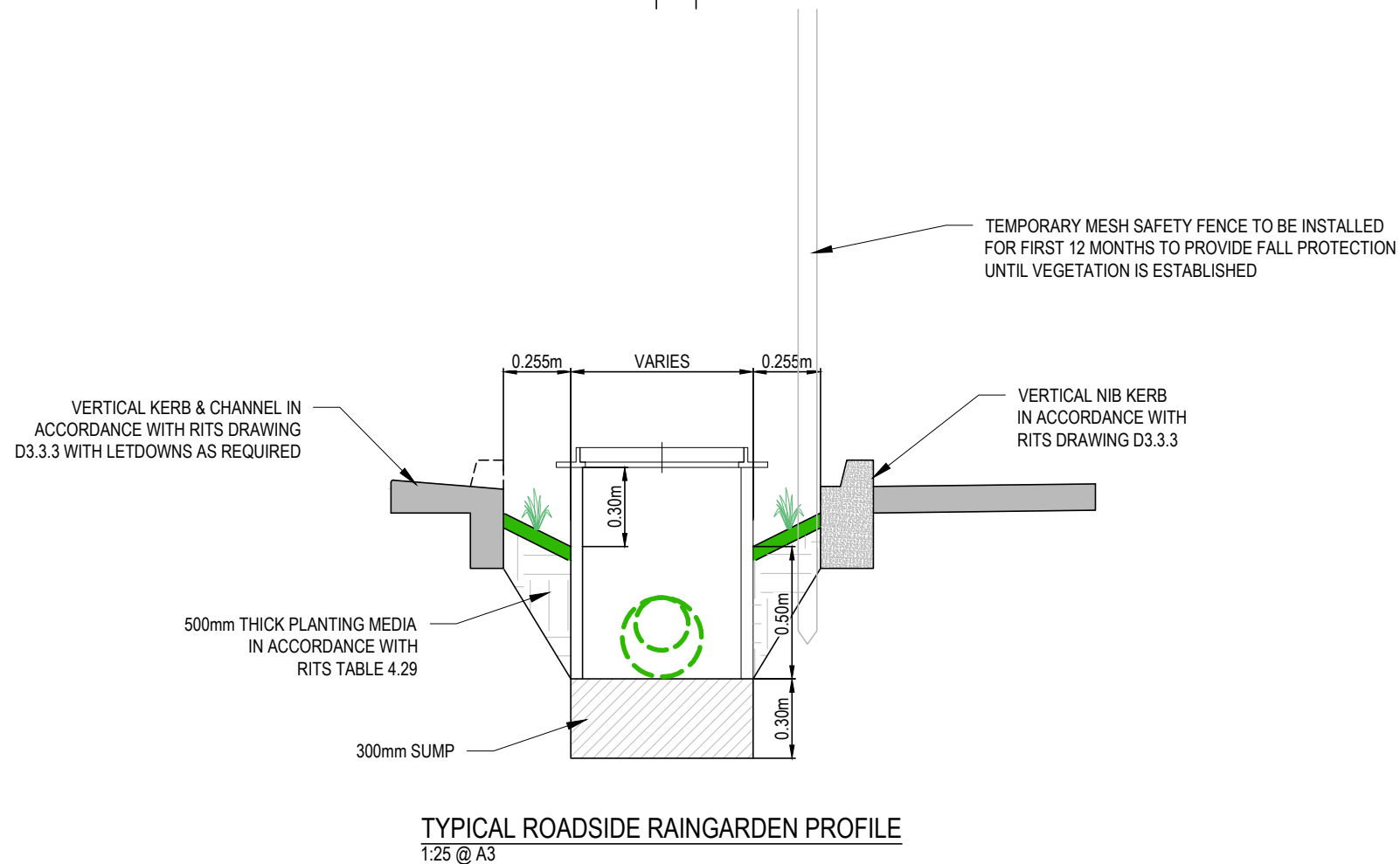
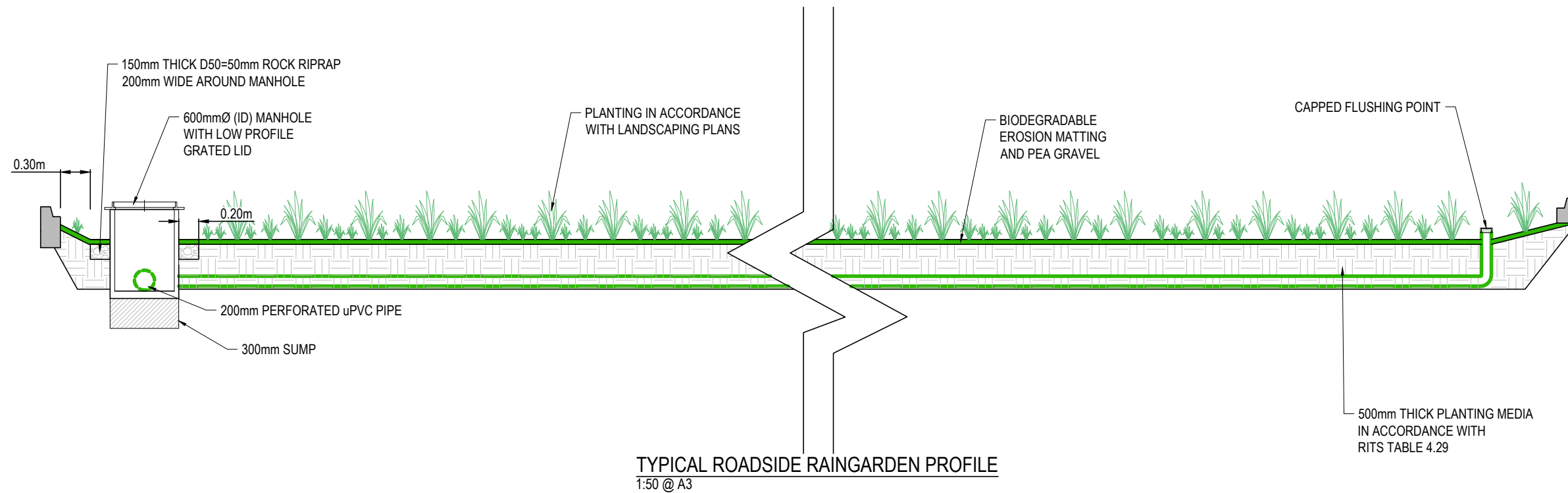
Auckland 1023

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

Title  
**PROPOSED  
WETLAND & RAINGARDEN  
DETAILS**

Project no.	289001		
Scale	NTS		
Cad file	289001 C4700.DWG		
Drawing no.	C4702	Rev	A





A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	DIJ		11/2025
Drawn	DIJ		11/2025
Checked	MS		11/2025

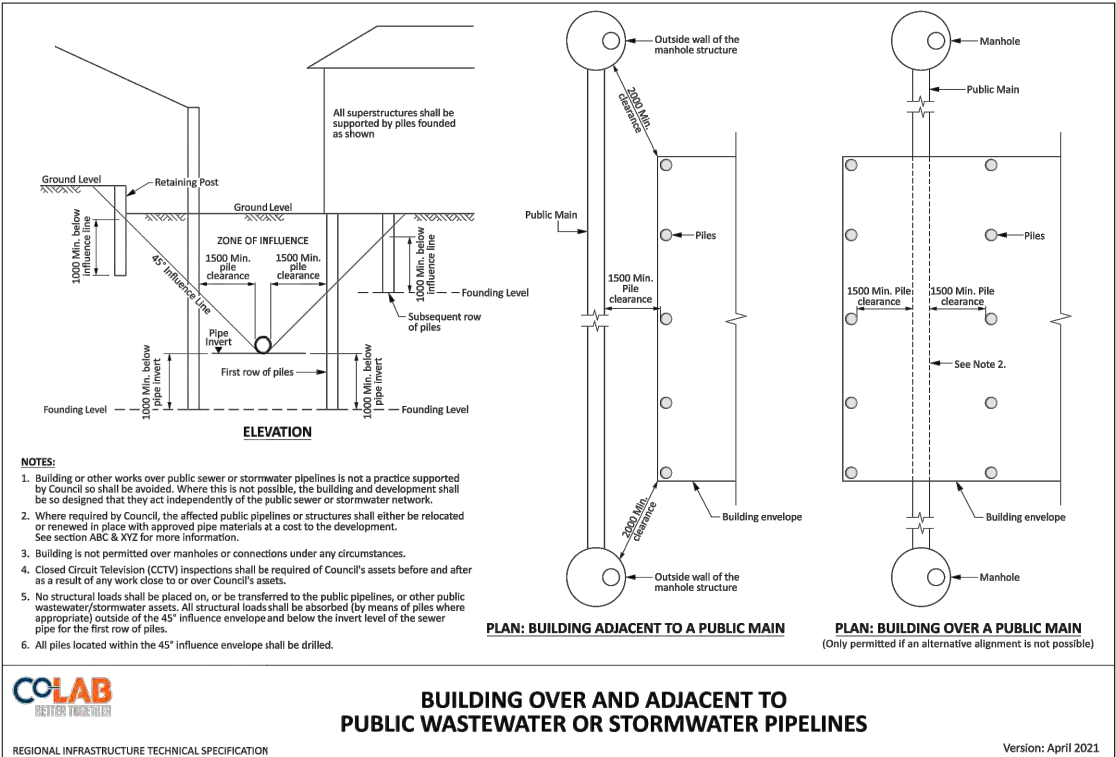
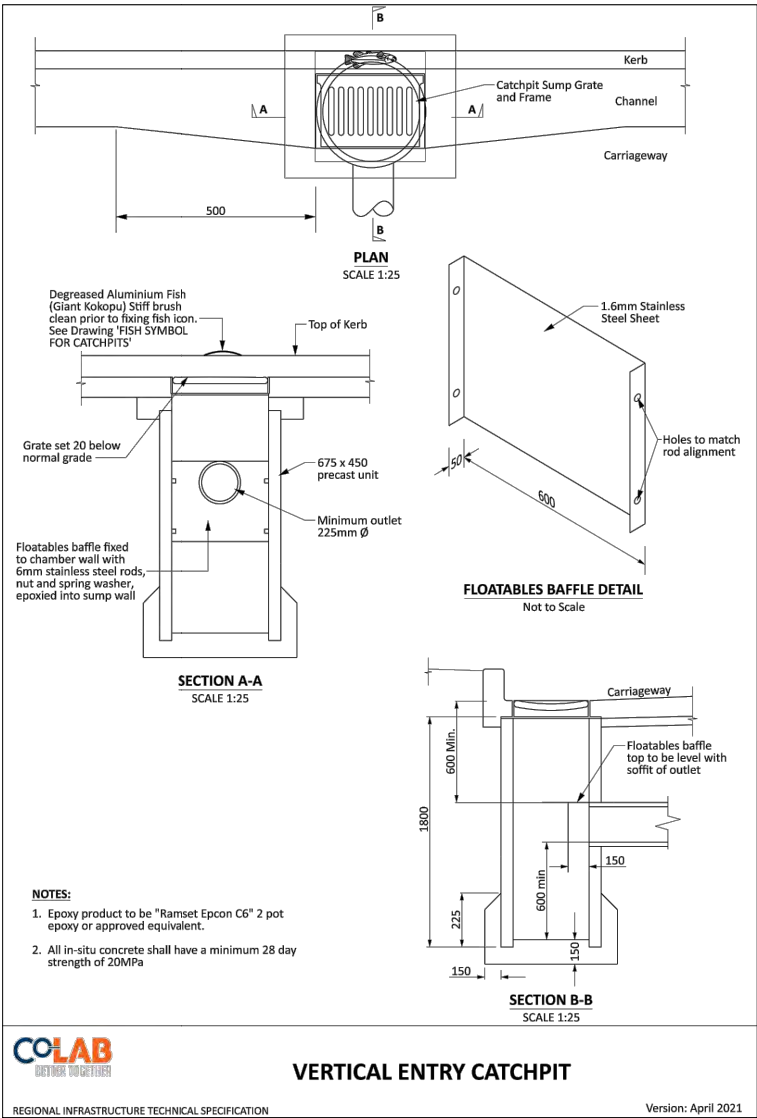
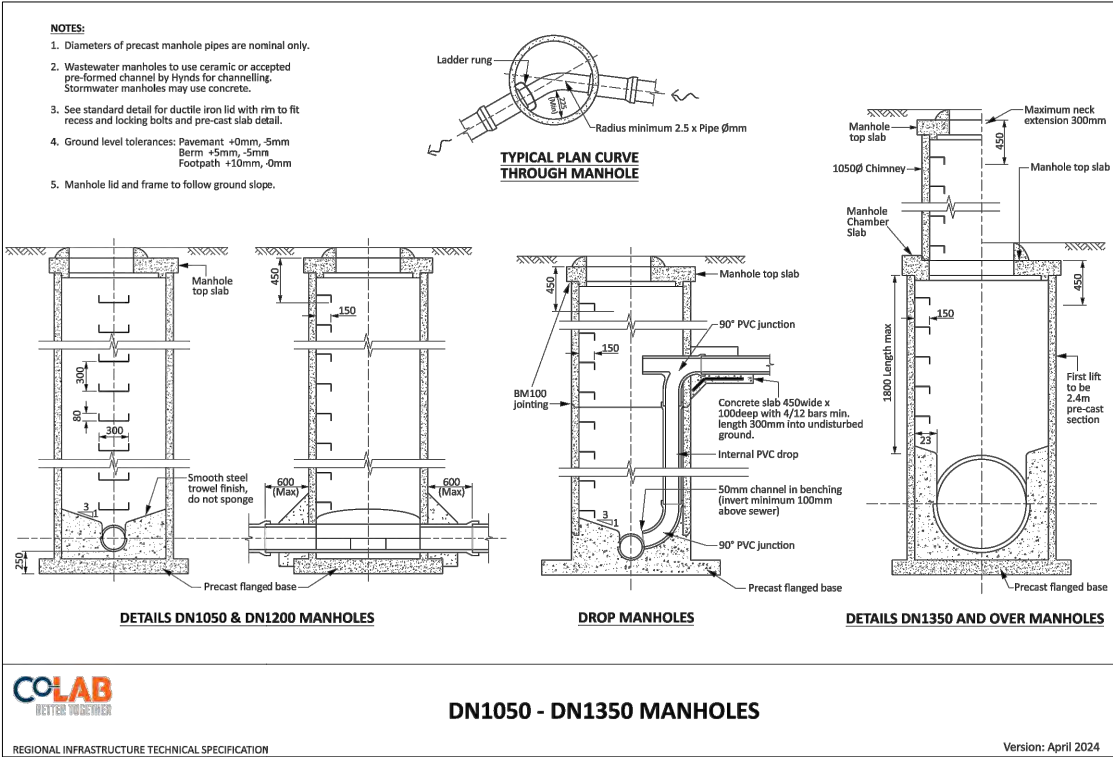


Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
ROADSIDE RAINGARDEN  
DETAIL**

Project no.	289001		
Scale	AS SHOWN		
Cad file	289001 C4000 - SW.DWG		
Drawing no.	C4703	Rev	A

RESOURCE CONSENT



- Notes
- All works to be in accordance WITH RITS standards.
  - All bends and connections to be no more than 45°
  - All connections to existing drains shall be carried out by a licensed Drainlayer/Plumber.
  - Drainage shall comply in full with E1/AS1 building code for storm water.
  - All cesspits shall have half syphons installed.
  - All sanitary waste drains shall be uPVC to AS/NZS 1260.
  - Sewer shall comply in full with AS/NZS 3500.2 - 2003 and/or G13 Building Code
  - Refer to Hydraulic engineers drawings for building plumbing beyond that shown including down pipe sizes.
  - All pipes shall be SN16 grade unless otherwise stated.
  - Drainlayer shall locate and confirm connection invert before starting building works.
  - Plans to be read in conjunction with Hydraulic Engineers and differences shall clarified be before contractor starts.
  - All chamber lids shall have a minimum 200mm maximum 300 throat to provide sufficient cover for landscape and pavement over the top.

B	FOR CONSENT	MS	04/25
A	FOR REVIEW	DP	01/25
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	DP		10/2024
Drawn	DP		11/2024
Checked	SB		11/2024

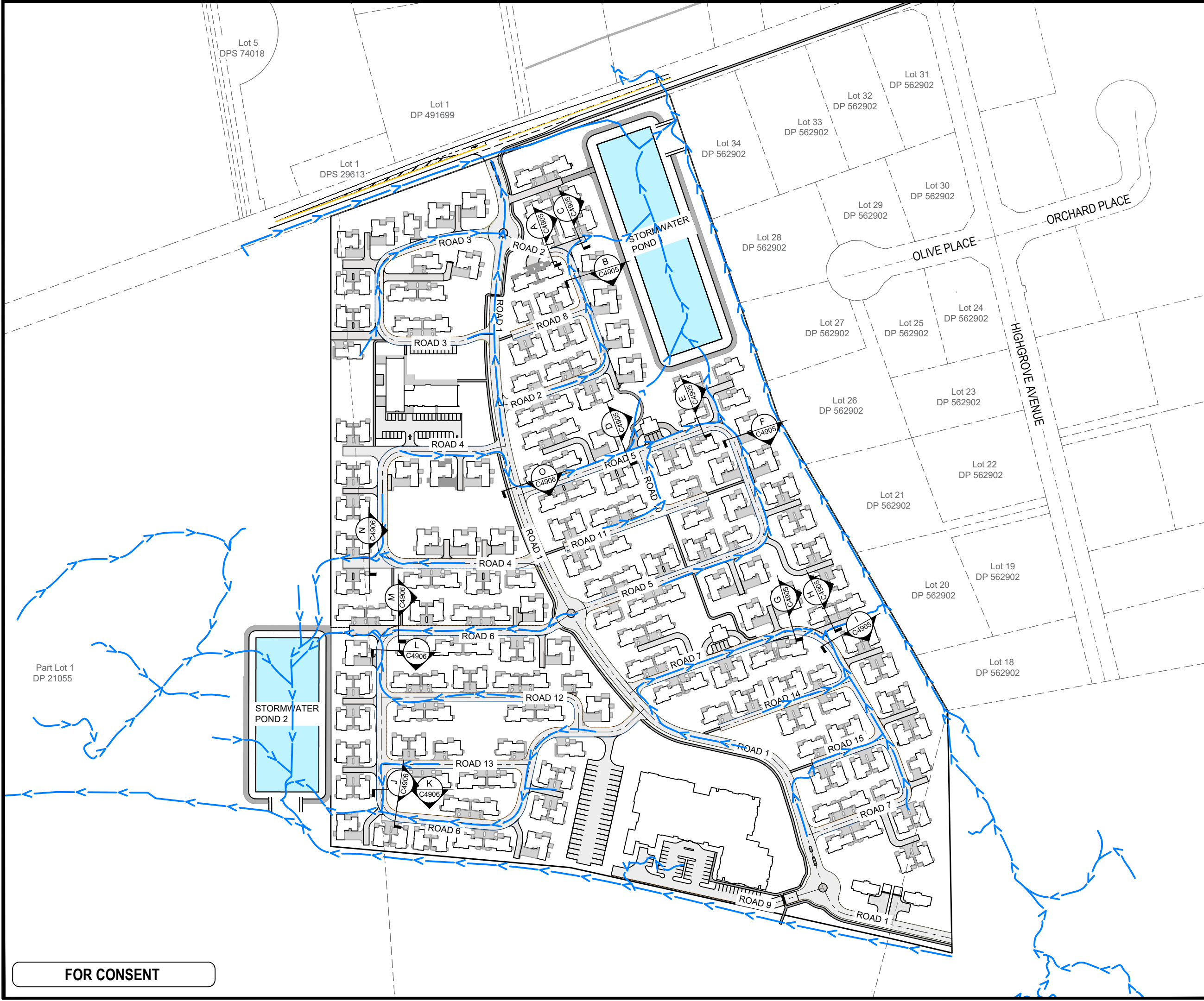


Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
STORMWATER STANDARD  
DETAIL**

Project no.	J00606
Scale	1:1000@A3
Cad file	C4800 - SW SD DETAILS.DWG
Drawing no.	C4800
Rev	B

FOR CONSENT



- Notes
1. All works to be in accordance with RITS standards.
2. Co-ordinates in terms of Mount Eden 2000.
3. Reduced Levels are in terms of NZVD 2016.
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6. Approved hardfill is to be used in backfilling of all road crossings and vehicle crossings to council standards.
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8. All cesspit leads shall have min cover 0.9m.
9. All lines to be abandoned shall be sealed at each end. timing of all sealing to be coordinated with council staff.
10. Refer to C4700 for Soakage Tank details.

Legend

--- EX BDY

██ PROP BDY

→ OVERLAND FLOW

A	FOR CONSENT	DP	04/25
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	KQ	12/2024	
Drawn	DP	04/2024	
Checked	SB	12/2024	



Project

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

Title

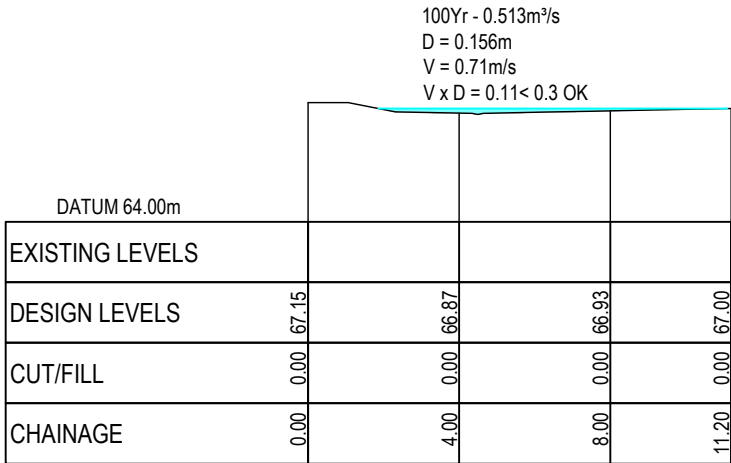
**PROPOSED  
OVERLAND FLOWPATH  
LAYOUT PLAN**

Project no.	J00606		
Scale	AS SHOWN		
Cad file	C4900 - SW OVERLAND FLOW PATH -		
Drawing no.	C4900	Rev	<b>A</b>

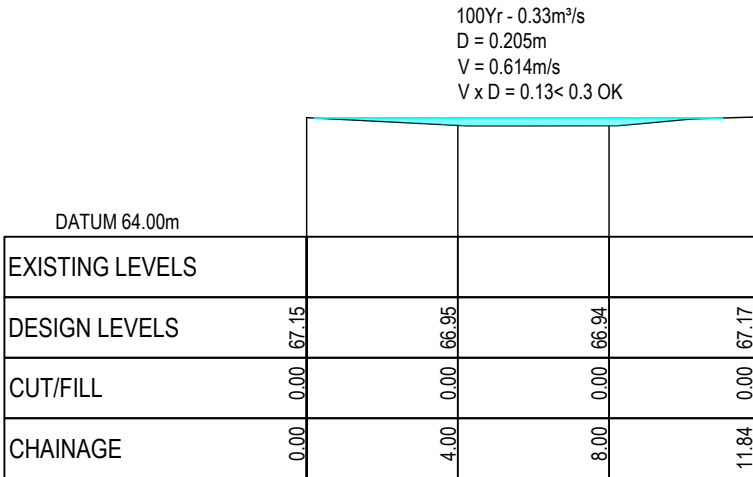
**FOR CONSENT**



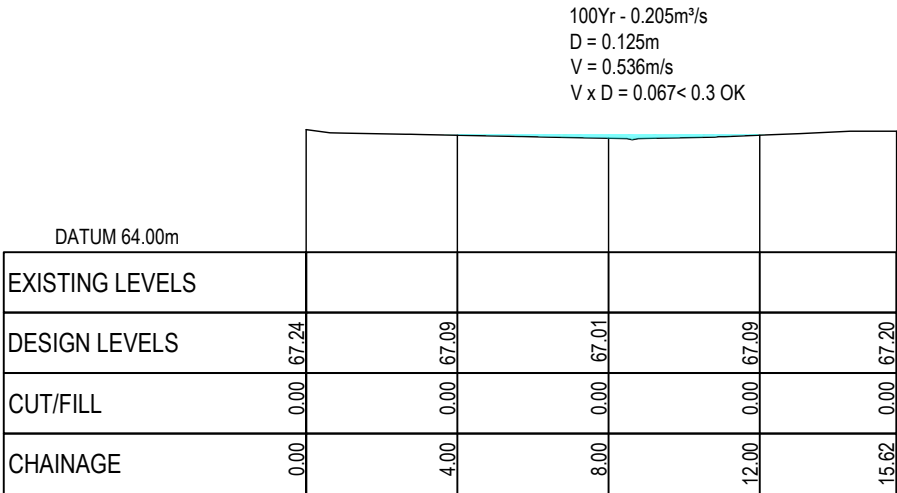
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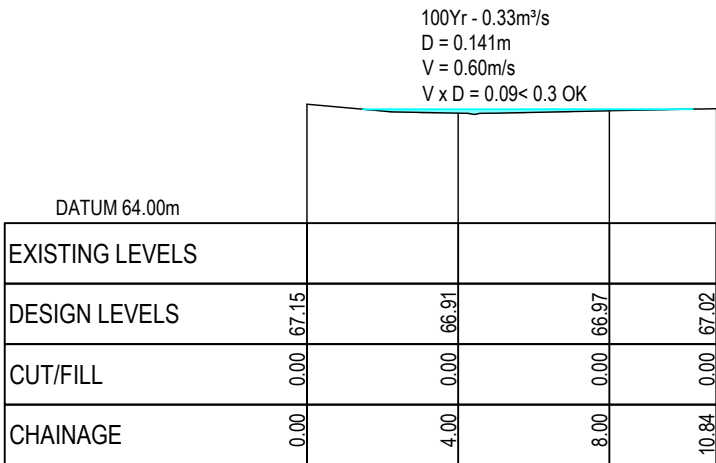
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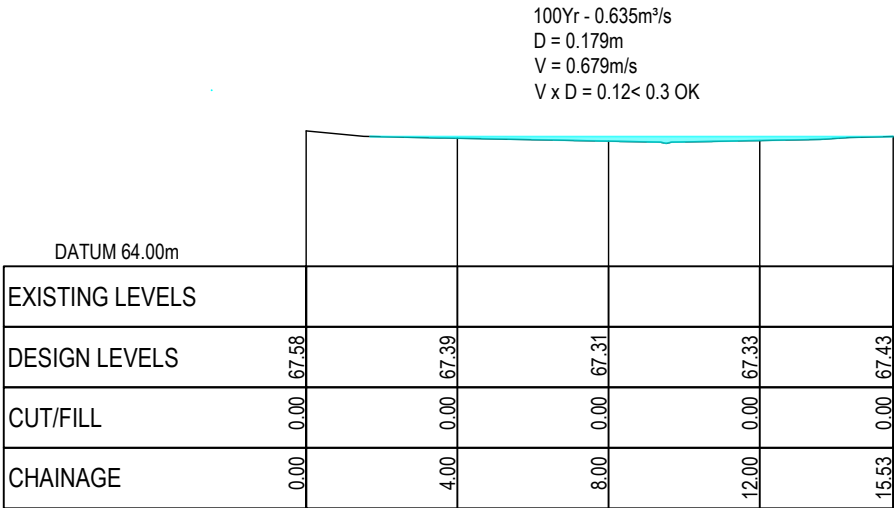
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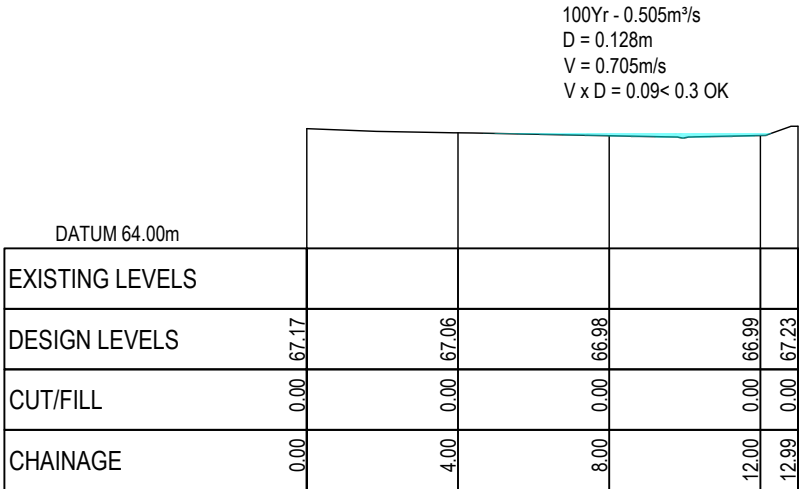
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PV - OLF -CROSS-SECTION-B  
SCALE: HORI 1:1000 VERT 1:1000



PV - OLF-CROSS-SECTION-D  
SCALE: HORI 1:1000 VERT 1:1000



PV - OLF-CROSS-SECTION-F  
SCALE: HORI 1:1000 VERT 1:1000

FOR CONSENT

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A	FOR CONSENT	DP	04/25
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	KQ	12/2024	
Drawn	DP	04/2025	
Checked	SB	12/2024	



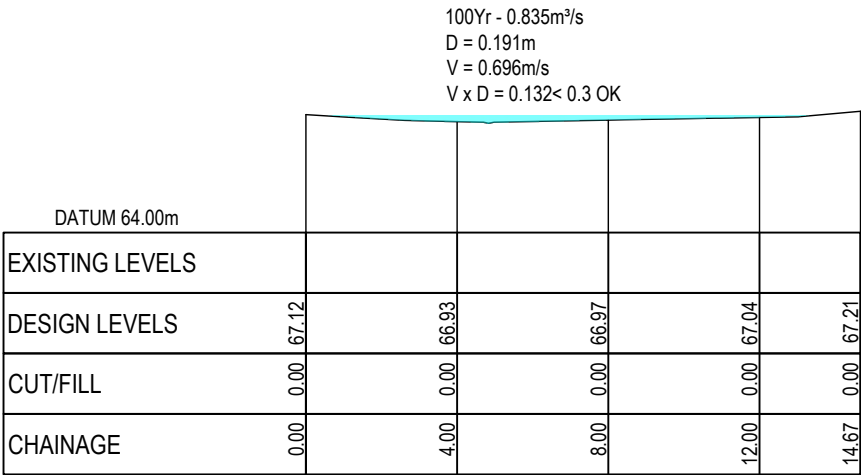
Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

Title  
**PROPOSED  
OVERLAND FLOW  
CROSS SECTION (1 OF 3)**

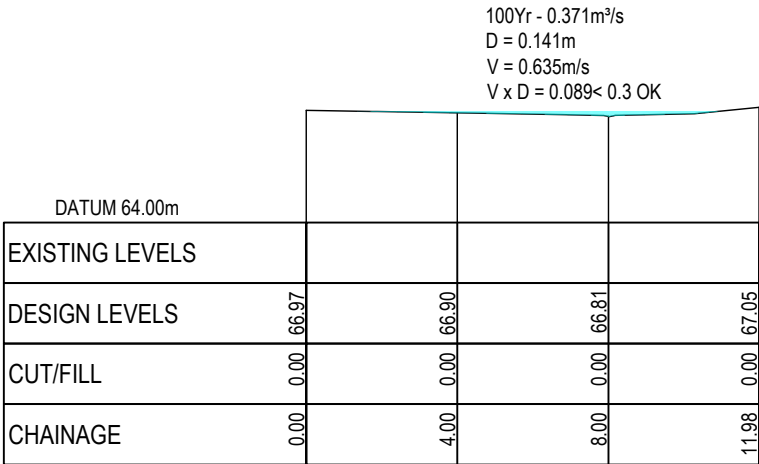
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Drawing no.	C4901	Rev	<b>A</b>



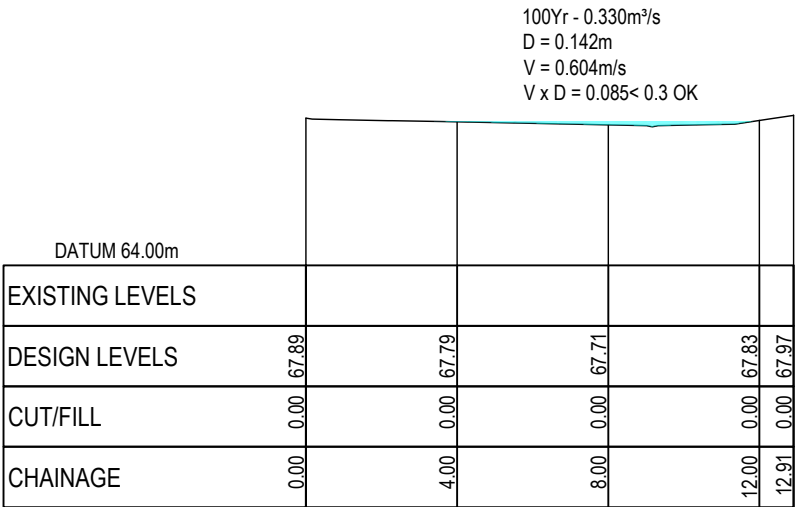
DATE: 05.09.2025  
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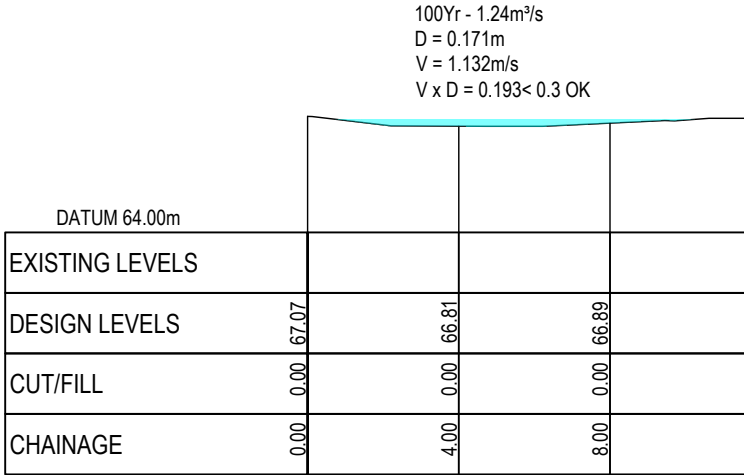
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SCALE: HORI 1:1000 VERT 1:1000



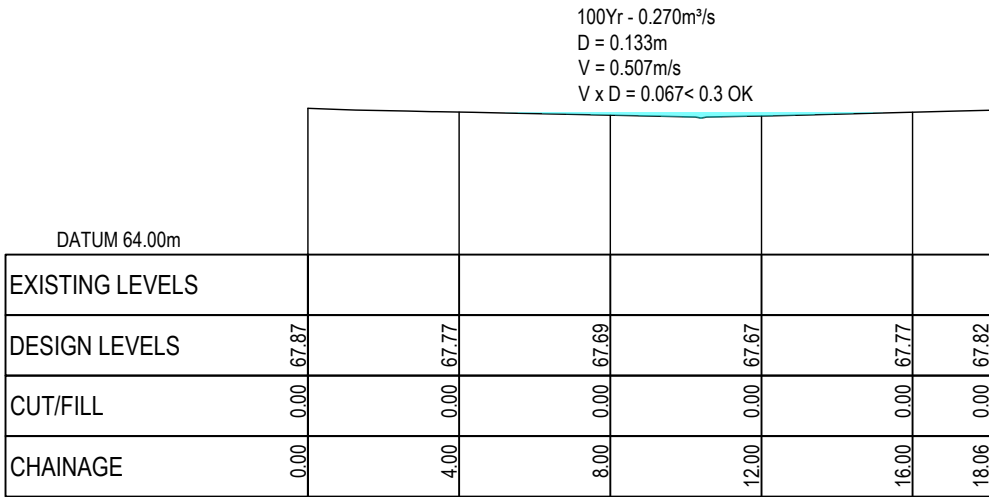
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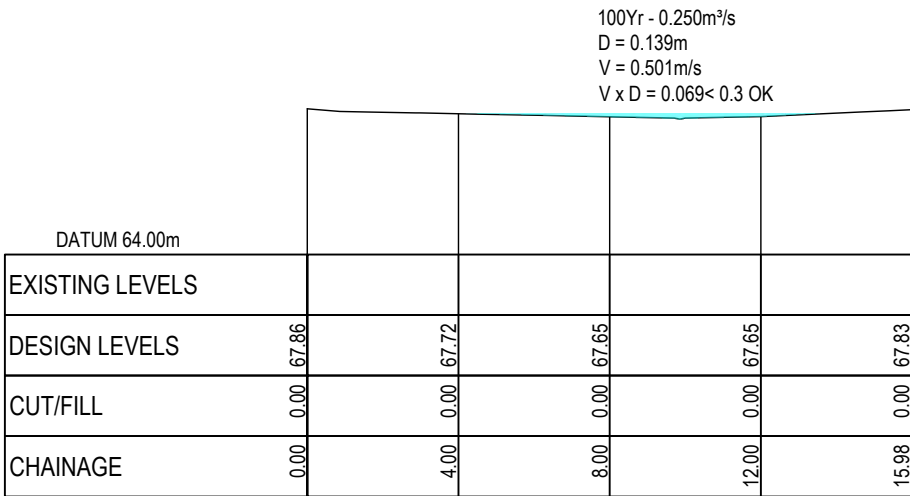
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SCALE: HORI 1:1000 VERT 1:1000



PV - OLF-CROSS-SECTION-H  
SCALE: HORI 1:1000 VERT 1:1000



PV - OLF-CROSS-SECTION-J  
SCALE: HORI 1:1000 VERT 1:1000



PV - OLF-CROSS-SECTION-L  
SCALE: HORI 1:1000 VERT 1:1000

FOR CONSENT

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A	FOR CONSENT	DP	04/25
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	KQ	11/2024	
Drawn	DP	04/2024	
Checked	SB	12/2024	

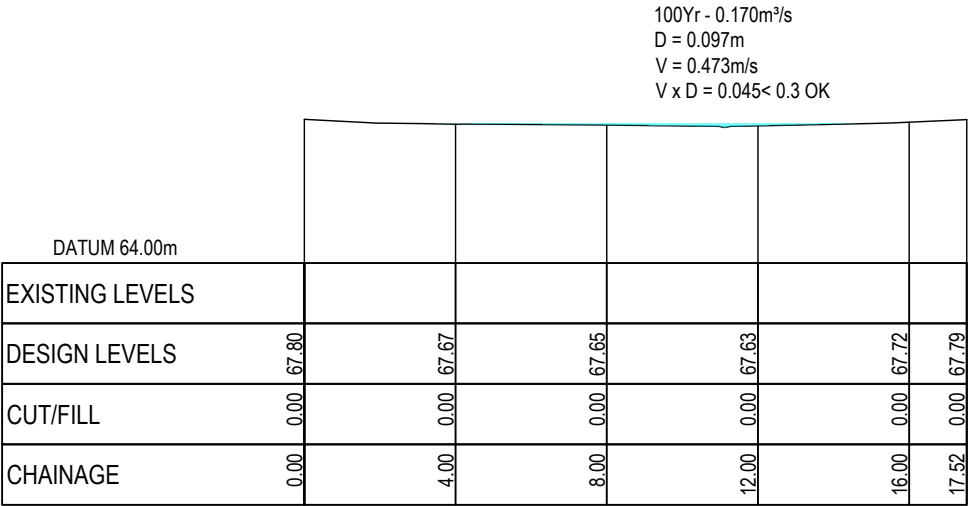


Project  
**ASHBOURNE  
RETIREMENT VILLAGE  
MATAMATA  
FOR  
UNITY DEVELOPMENT LTD**

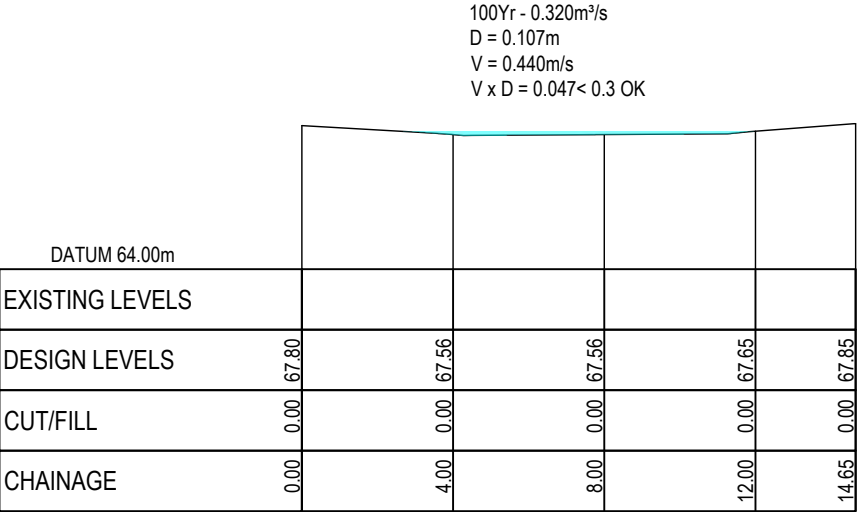
Title  
**PROPOSED  
OVERLAND FLOW  
CROSS SECTION (2 OF 3)**

Project no.	J00606		
Scale	AS SHOWN		
Cad file	C4900 - SW OVERLAND FLOW PATH -		
Drawing no.	C4902	Rev	<b>B</b>

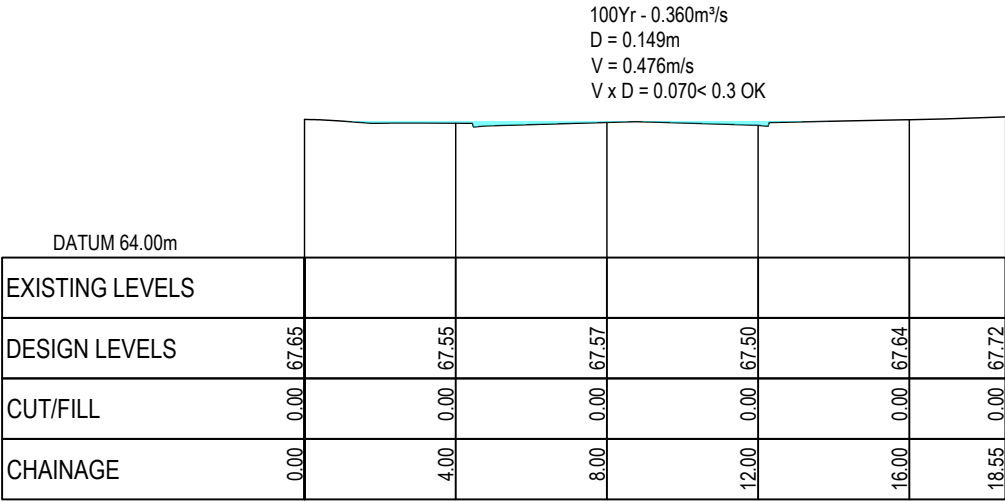
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FILE: F:\MAVEN MATAMATA\1. Projects\J00606 UIDL - Hemmings Station Rd\8. Drawing\2. CAD\3. Design\C4900 - SW overland flow path -.dwg



PV - OLF-CROSS SECTION-M  
SCALE: HORI 1:1000 VERT 1:1000



PV - OLF-CROSS SECTION-N  
SCALE: HORI 1:1000 VERT 1:1000



PV - OLF-CROSS SECTION-O  
SCALE: HORI 1:1000 VERT 1:1000

FOR CONSENT

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A	FOR COSENT	DP	01/25
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2024	
Design	KQ	11/2024	
Drawn	DP	04/2024	
Checked	SB	12/2024	



**Maven Matamata**  
matamatainfo@maven.co.nz  
www.maven.co.nz  
8 Tainui Street, Matamata  
New Zealand

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

Title  
**PROPOSED  
OVERLAND FLOW  
CROSS SECTION (3 OF 3)**

Project no.	J00606		
Scale	AS SHOWN		
Cad file	C4900 - SW OVERLAND FLOW PATH -		
Drawing no.	C4903	Rev	<b>A</b>