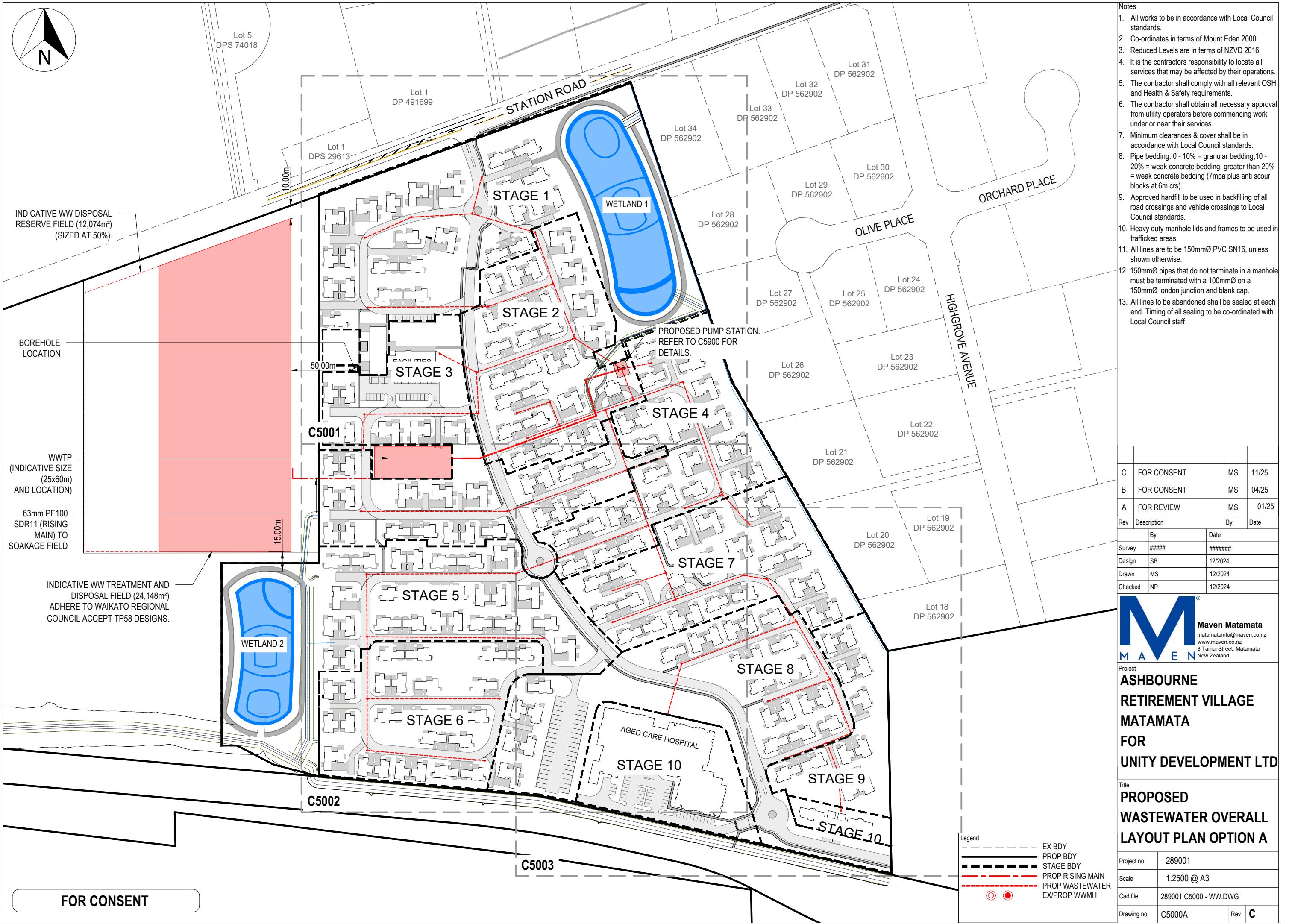
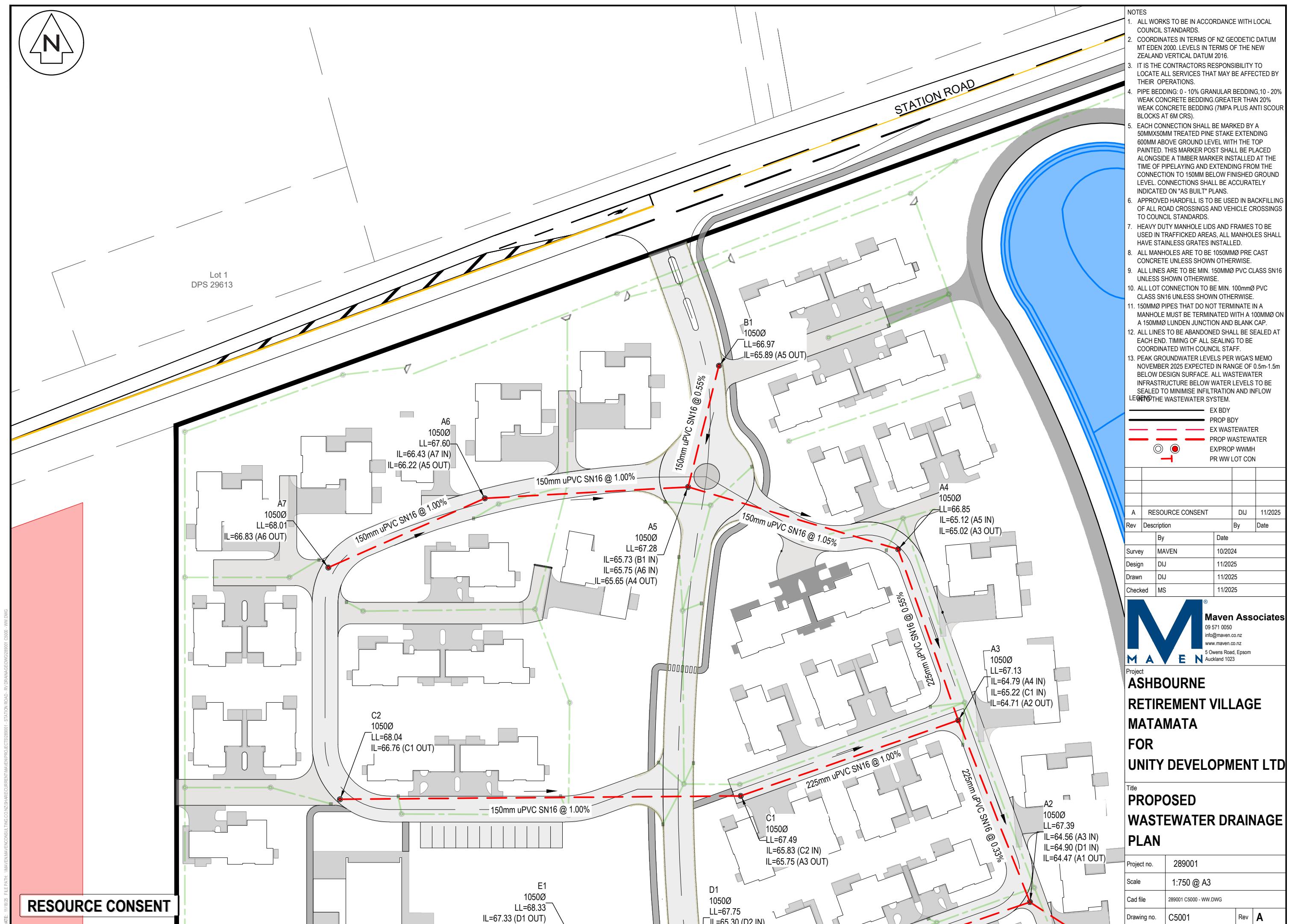


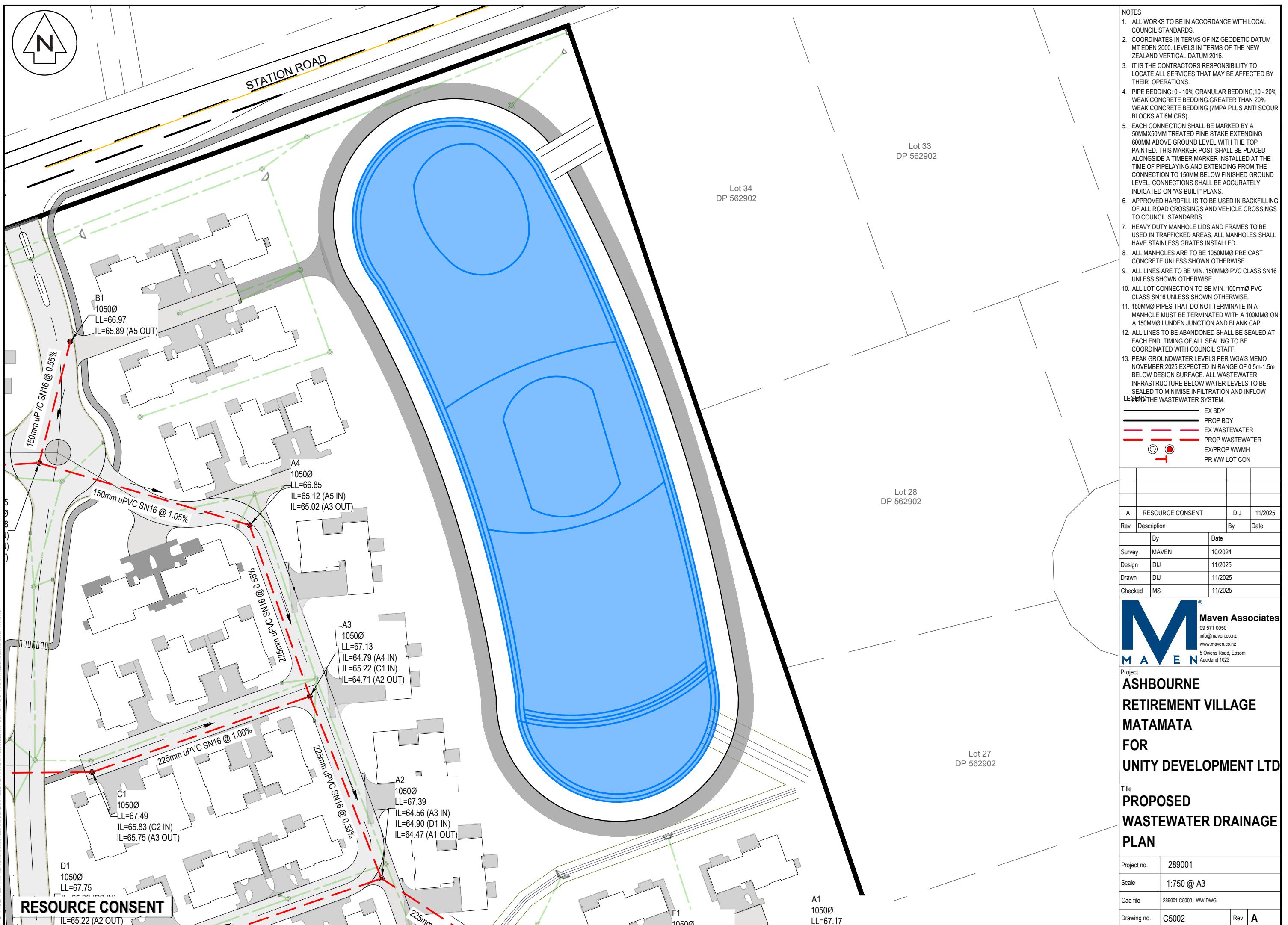
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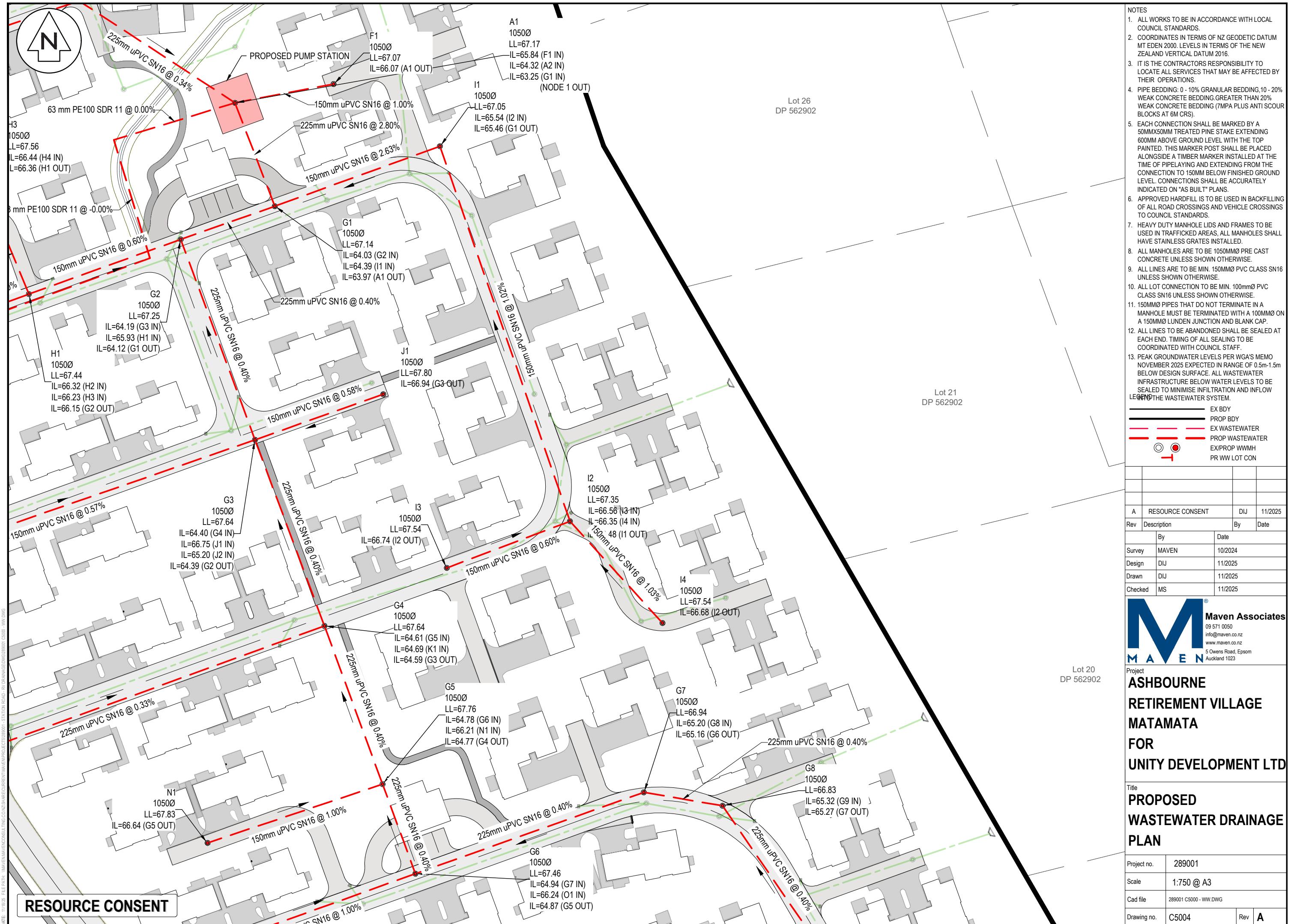




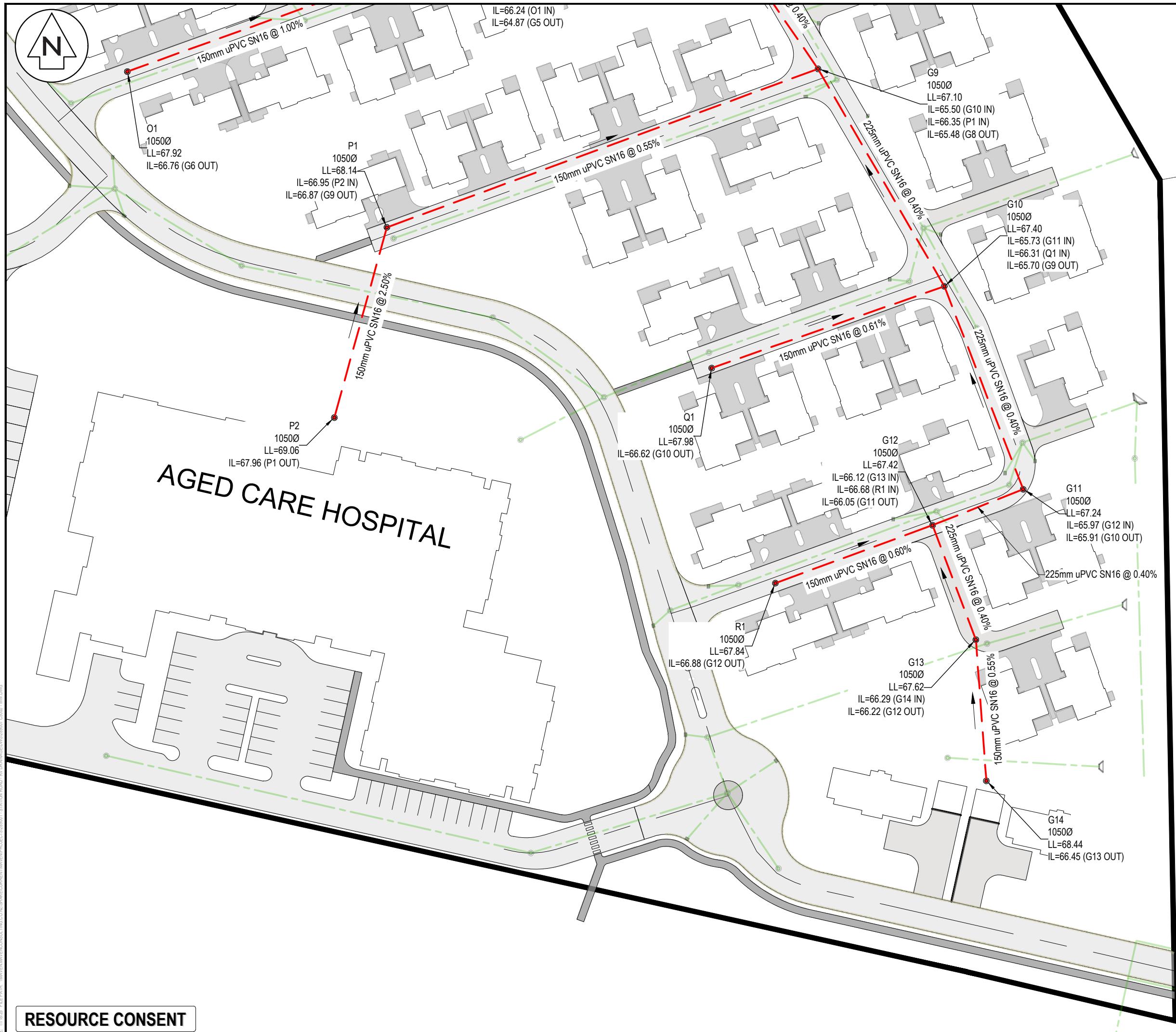
Lot 1
DPS 29613











NOTES

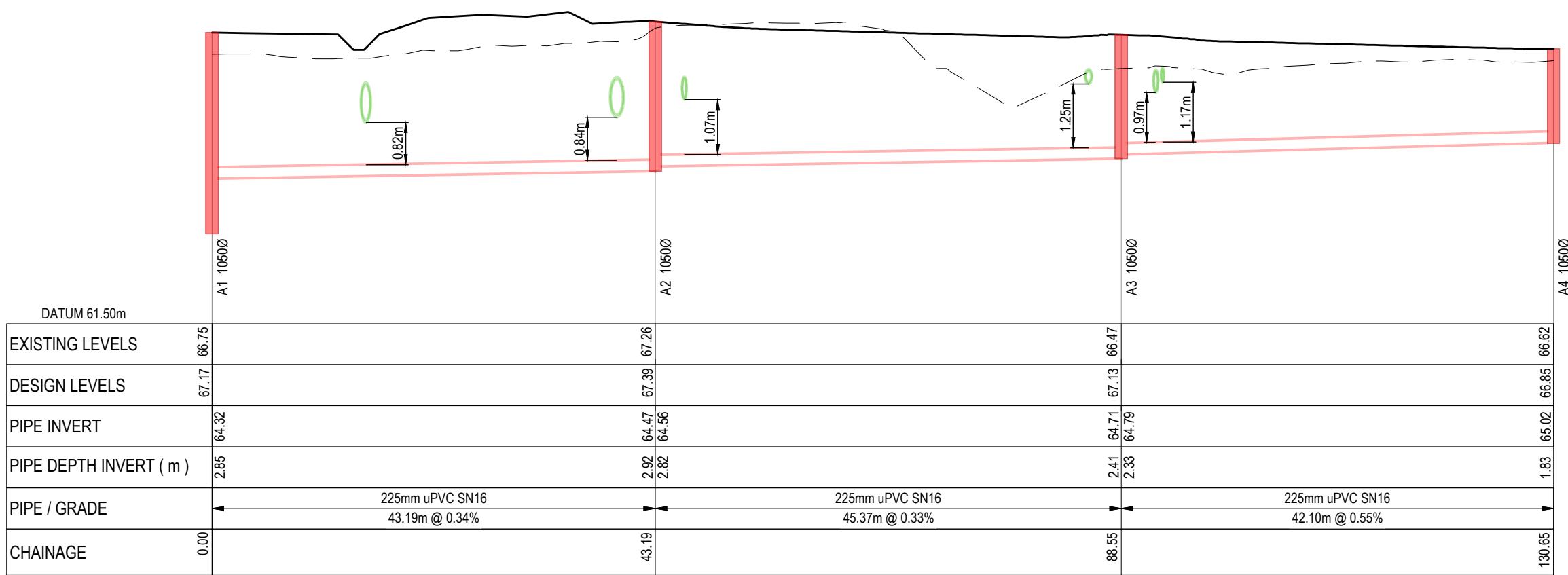
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A	RESOURCE CONSENT		DIJ	11/2025
Rev	Description		By	Date
	By		Date	
Survey	MAVEN		10/2024	
Design	DIJ		11/2025	
Drawn	DIJ		11/2025	
Cleared	MS		11/2025	

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
**PROPOSED
WASTEWATER DRAINAGE
PLAN**

Project no.	289001		
Scale	1:750 @ A3		
Cad file	289001 C5000 - WW.DWG		
Drawing no.	C5006	Rev	A



PR-WW A1 TO A4
SCALE: Hori 1:500 Vert 1:100

Cross Section Data									
Existing Levels		Design Levels		Pipe Invert		Pipe Depth Invert (m)		Pipe / Grade	
Chainage	Existing Level	Design Level	Existing Level	Design Level	Existing Level	Design Level	Existing Level	Design Level	Grade
130.65	66.62	66.85	66.62	66.85	65.12	65.65	65.75	65.12	1.73
181.51	50.86m @ 1.05%	50.86m @ 1.00%	47.27m @ 1.00%	47.27m @ 1.00%	67.13	67.28	67.35	67.13	1.54
228.78	39.72m @ 1.00%	39.72m @ 1.00%	39.72m @ 1.00%	39.72m @ 1.00%	67.57	67.60	67.63	67.57	1.38
268.50	150mm uPVC SN16	150mm uPVC SN16	150mm uPVC SN16	150mm uPVC SN16	66.43	66.43	66.43	66.43	1.17
	50.86m @ 1.05%	50.86m @ 1.00%	47.27m @ 1.00%	47.27m @ 1.00%	67.76	67.76	67.76	67.76	1.18
	150mm uPVC SN16	150mm uPVC SN16	150mm uPVC SN16	150mm uPVC SN16	66.01	66.01	66.01	66.01	1.18

PR-WW A4 TO A7
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

NOTES

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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	

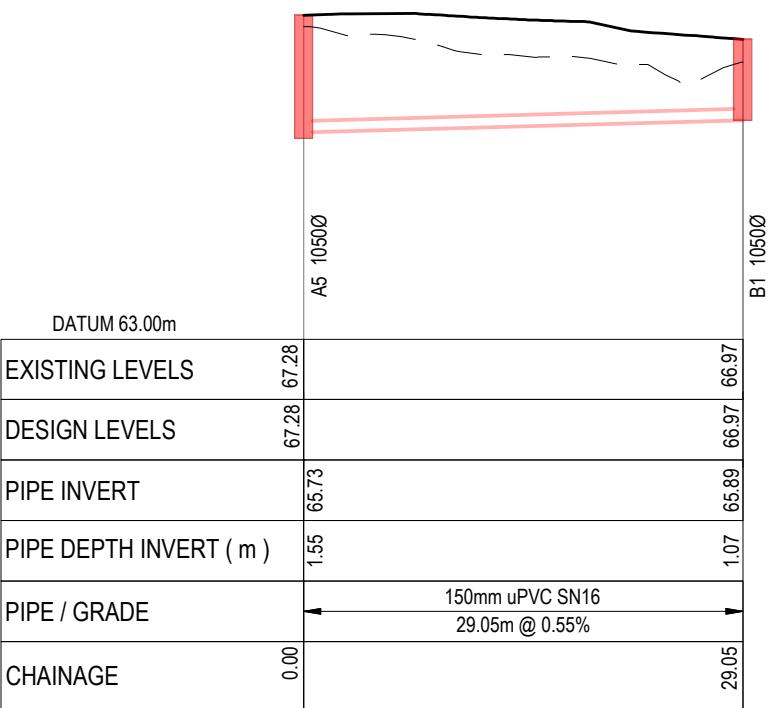


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www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
**PROPOSED
WASTEWATER
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C5000 - WW.DWG		
Drawing no.	C5200	Rev	A



PR-WW A5 TO B1
SCALE: Hori 1:500 Vert 1:100

NOTES

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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	

Project
**ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR**

Title
**PROPOSED
WASTEWATER
LONGSECTION PLAN**

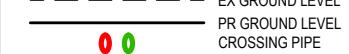
Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001_C5000 - WW.DWG		
Drawing no.	C5201	Rev	A

RESOURCE CONSENT

NOTES

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LEGEND



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

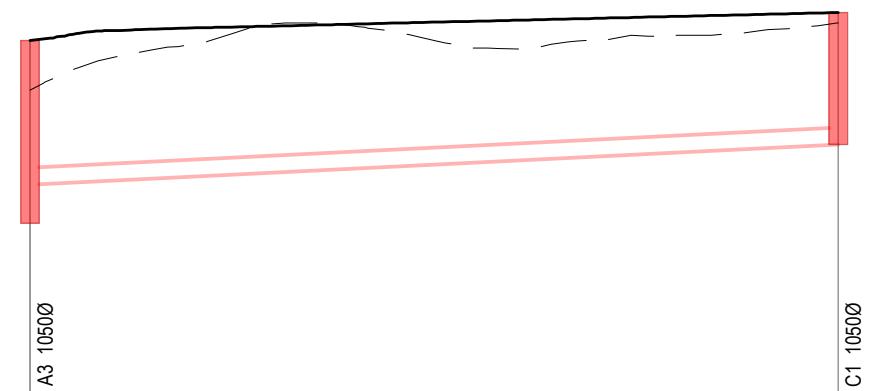
Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001
Scale	1:500 @ A3
Cad file	289001 C5000 - WW.DWG
Drawing no.	C5202

Rev A



PR-WW A3 TO C1
SCALE: Hori 1:500 Vert 1:100

NOTES

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

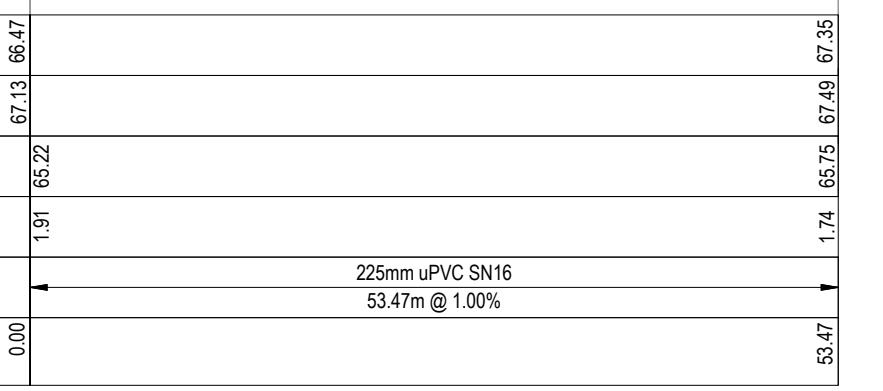
Maven Associates
09 571 0050
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5 Owens Road, Epsom
Auckland 1023

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

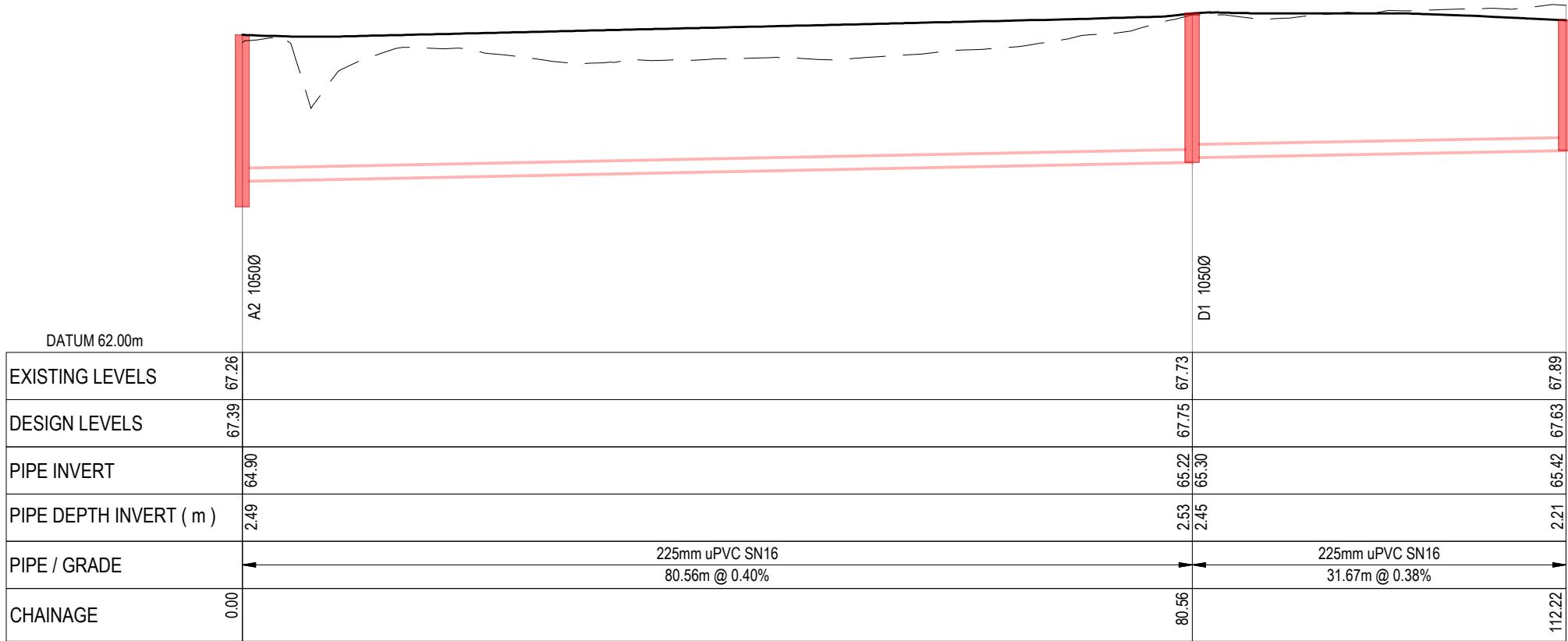
Title
PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001
Scale	1:500 @ A3
Cad file	289001 C5000 - WW.DWG
Drawing no.	C5202

Rev A



PR-WW C1 TO C2
SCALE: Hori 1:500 Vert 1:100



PR-WW A2 TO D2
SCALE: HORI 1:500 VERT 1:100

DATUM 63.00m			
EXISTING LEVELS		67.89	
DESIGN LEVELS	67.63		
PIPE INVERT		65.50	
PIPE DEPTH INVERT (m)	2.13		
PIPE / GRADE		225mm uPVC SN16 88.50m @ 0.38%	225mm uPVC SN16 26.63m @ 0.43%
CHAINAGE	112.22		200.72

PR-WW D2 TO D4
SCALE: Hori 1:500 Vert 1:100

RESOURCE CONSENT

NOTES

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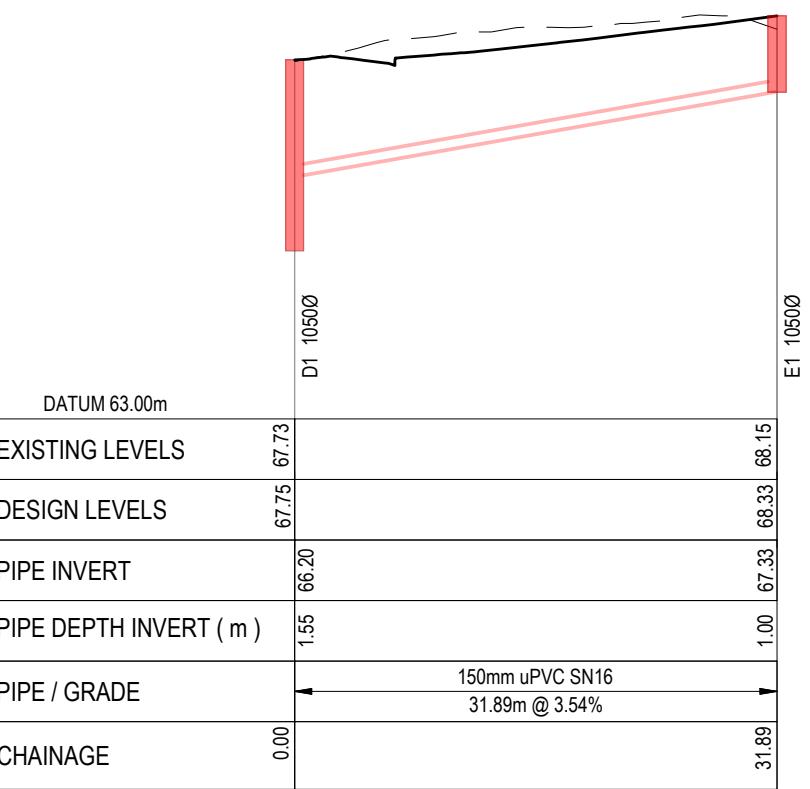
LEGEND
— — — — — EX GROUND LEVEL
— — — — — PR GROUND LEVEL
0 0 CROSSING PIPE

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

Title
**PROPOSED
WASTEWATER
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001_C5000 - WW.DWG		
Drawing no.	C5203	Rev	A



PR-WW D1 TO E1
SCALE: Hori 1:500 Vert 1:100

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
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	

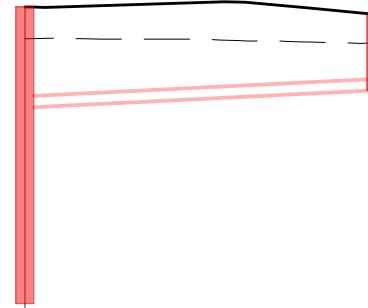
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Project
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RETIREMENT VILLAGE
MATAMATA
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Title
PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001
Scale	1:500 @ A3
Cad file	289001 C5000 - WW.DWG
Drawing no.	C5204
Rev	A

RESOURCE CONSENT



DATUM 61.00m						
EXISTING LEVELS						
DESIGN LEVELS						
PIPE INVERT						
PIPE DEPTH INVERT (m)						
PIPE / GRADE						
CHAINAGE						

PR-WW A1 TO F1
SCALE: Hori 1:500 Vert 1:100

NOTES

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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. ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
8. ALL MANHOLES ARE TO BE 1050MMØ PRE CAST CONCRETE UNLESS SHOWN OTHERWISE.
9. ALL LINES ARE TO BE MIN. 150MMØ PVC CLASS SN16 UNLESS SHOWN OTHERWISE.
10. ALL LOT CONNECTION TO BE MIN. 100MMØ PVC CLASS SN16 UNLESS SHOWN OTHERWISE.
11. 150MMØ PIPES THAT DO NOT TERMINATE IN A MANHOLE MUST BE TERMINATED WITH A 100MMØ ON A 150MMØ LUNDEN JUNCTION AND BLANK CAP.
12. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
13. PEAK GROUNDWATER LEVELS PER WGA'S MEMO NOVEMBER 2025 EXPECTED IN RANGE OF 0.5m-1.5m BELOW DESIGN SURFACE. ALL WASTEWATER INFRASTRUCTURE BELOW WATER LEVELS TO BE SEALED TO MINIMISE INFILTRATION AND INFLOW INTO THE WASTEWATER SYSTEM.

LEGEND

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

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

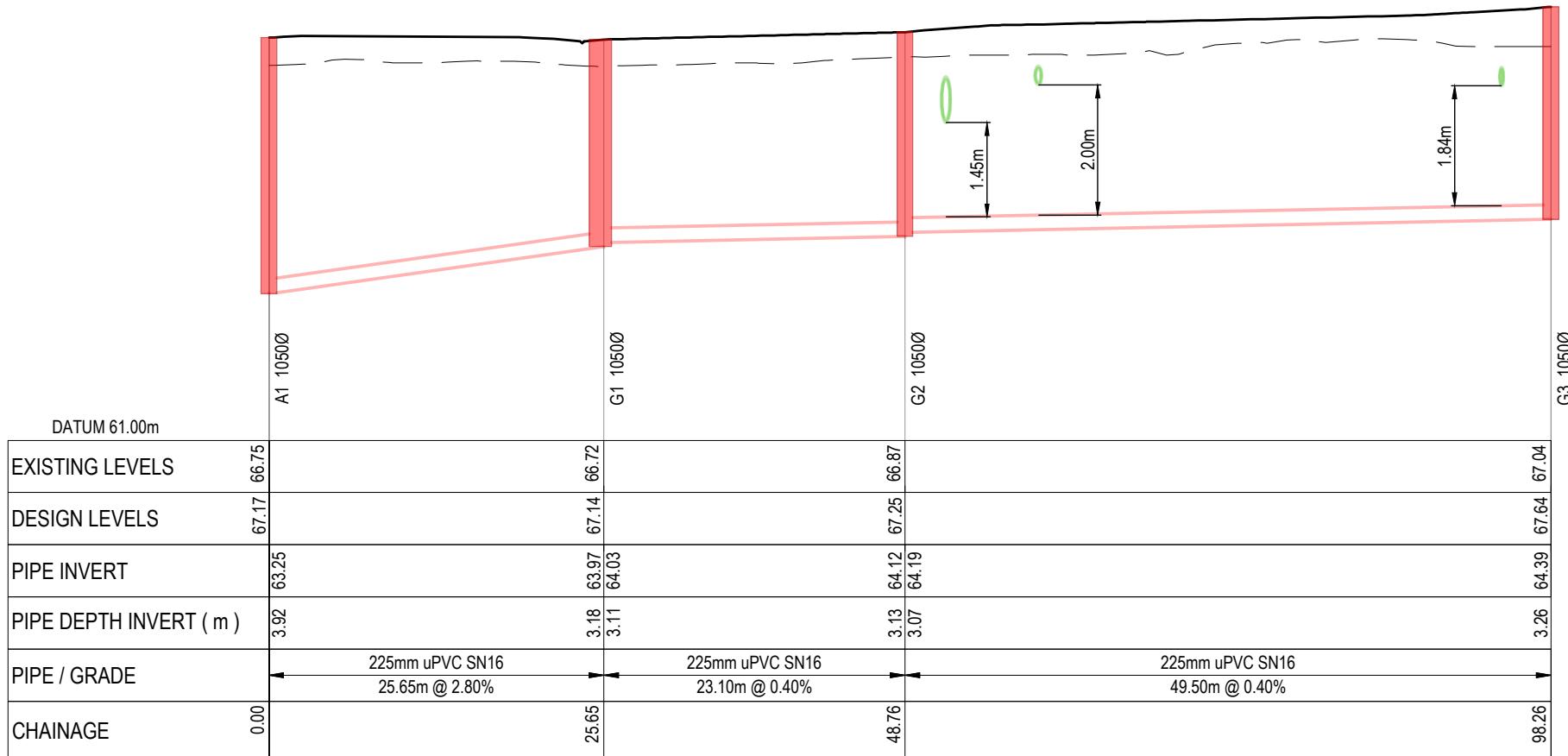
Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001
Scale	1:500 @ A3
Cad file	289001 C5000 - WW.DWG
Drawing no.	C5205
Rev	A

RESOURCE CONSENT



PR-WW A1 TO G3
SCALE: HORI 1:500 VERT 1:100

Slope Calculations for Pipe 1									
Slope Calculations for Pipe 1					Slope Calculations for Pipe 2				
Slope Calculations for Pipe 1		Slope Calculations for Pipe 2		Slope Calculations for Pipe 3		Slope Calculations for Pipe 4		Slope Calculations for Pipe 5	
Start Ch	End Ch	Length	Grade	Slope	Start Ch	End Ch	Length	Grade	Slope
98.26	144.27	46.01m	0.40%	225mm uPVC SN16	144.27	183.31	39.04m	0.40%	225mm uPVC SN16
144.27	183.31	39.04m	0.40%	225mm uPVC SN16	183.31	205.40	22.09m	0.40%	225mm uPVC SN16
183.31	205.40	22.09m	0.40%	225mm uPVC SN16	205.40	225mm uPVC SN16	22.09m	0.40%	225mm uPVC SN16

PR-WW G3 TO G6
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

NOTES

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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	

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR

Title
**PROPOSED
WASTEWATER
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001_C5000 - WW.DWG		
Drawing no.	C5206	Rev	A

NOTES

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LEGEND

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

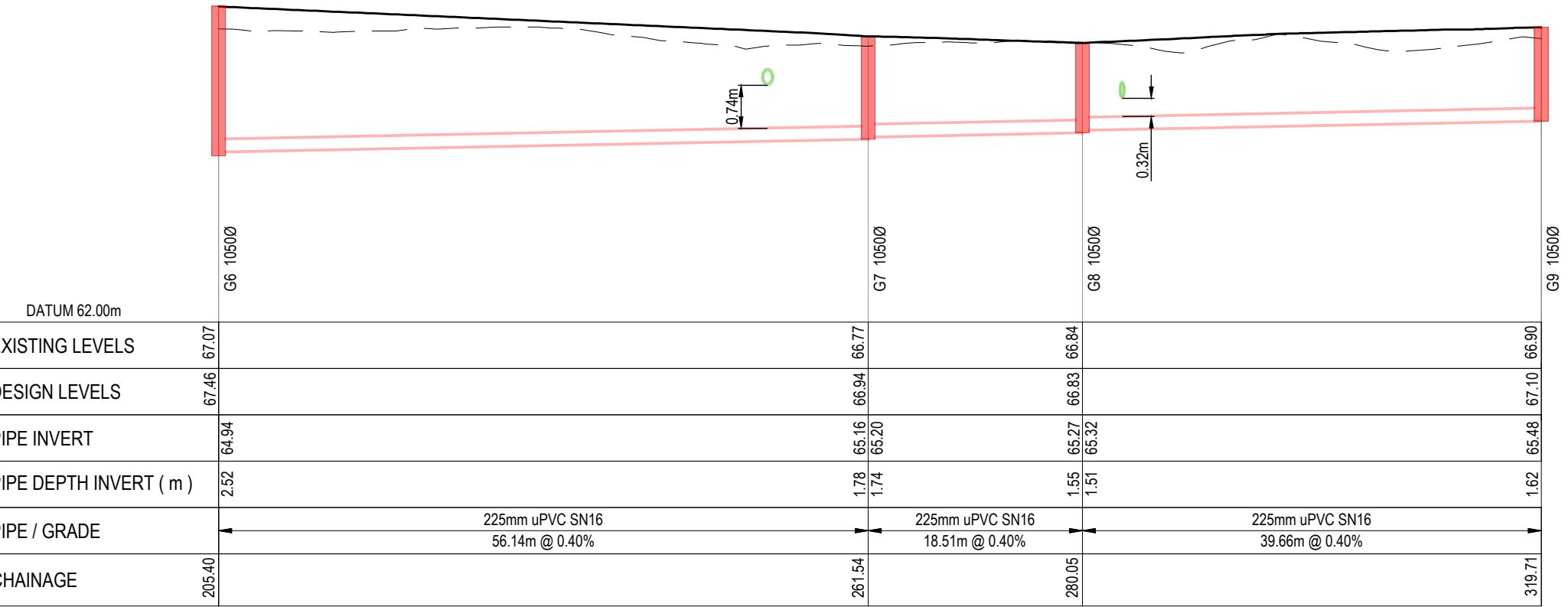
M Maven Associates®
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5 Owens Road, Epsom
Auckland 1023

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

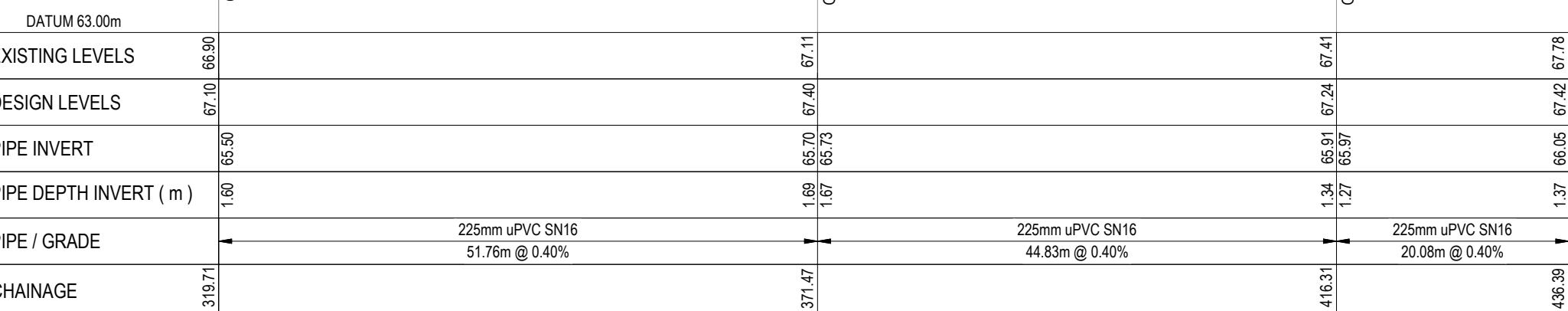
Title
PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001
Scale	1:500 @ A3
Cad file	289001 C5000 - WW.DWG
Drawing no.	C5207

Rev A

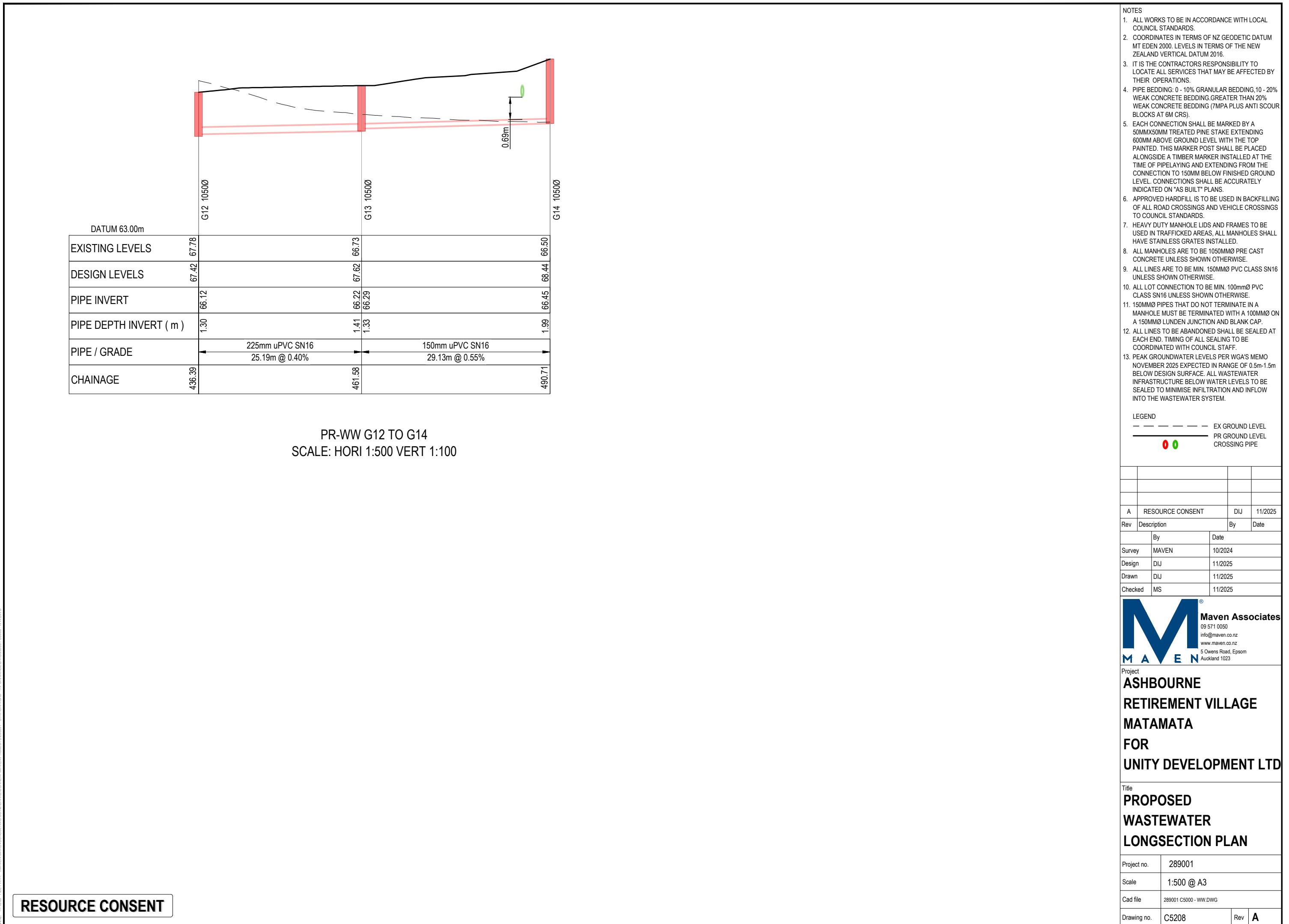


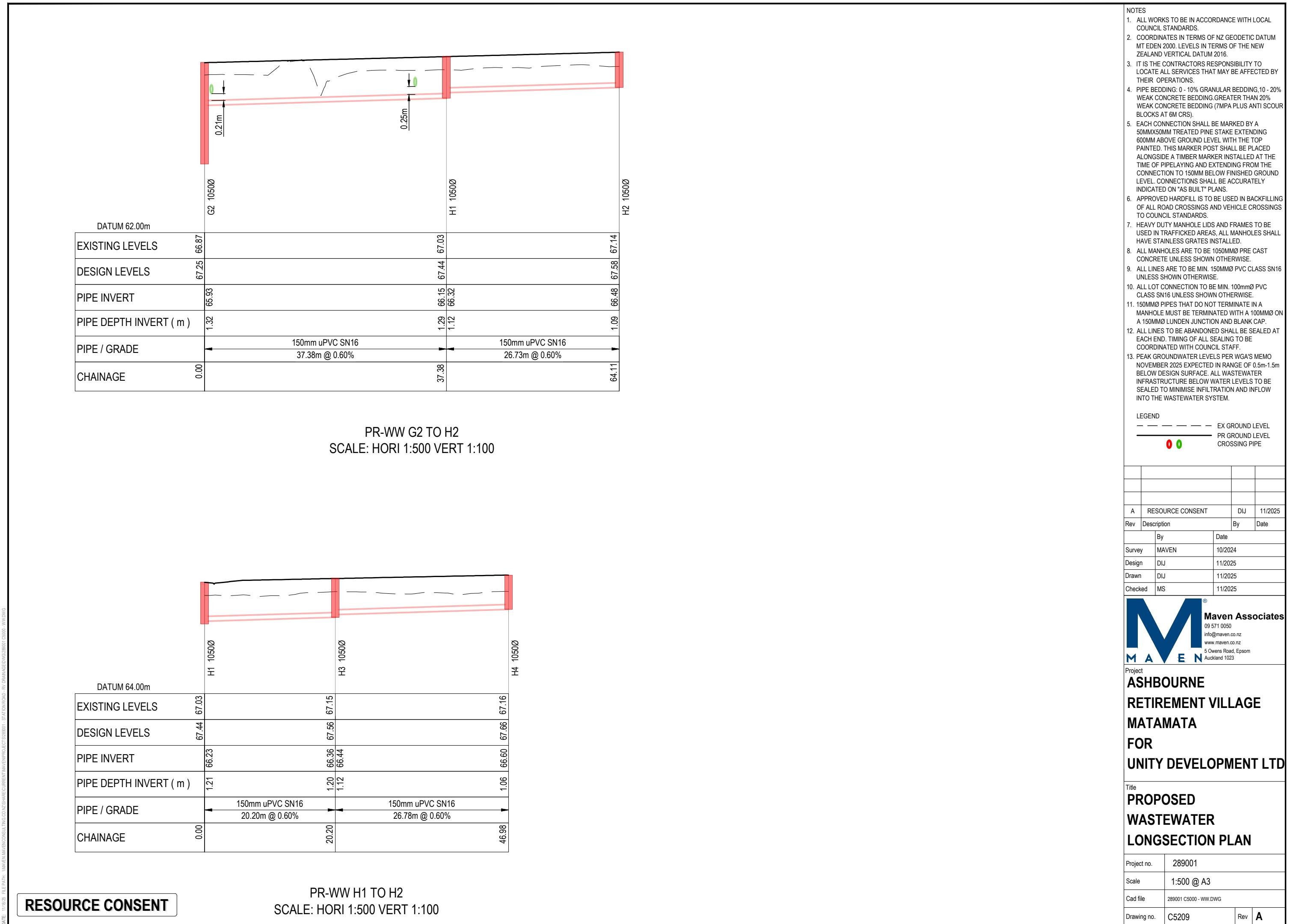
PR-WW G6 TO G9
SCALE: Hori 1:500 Vert 1:100

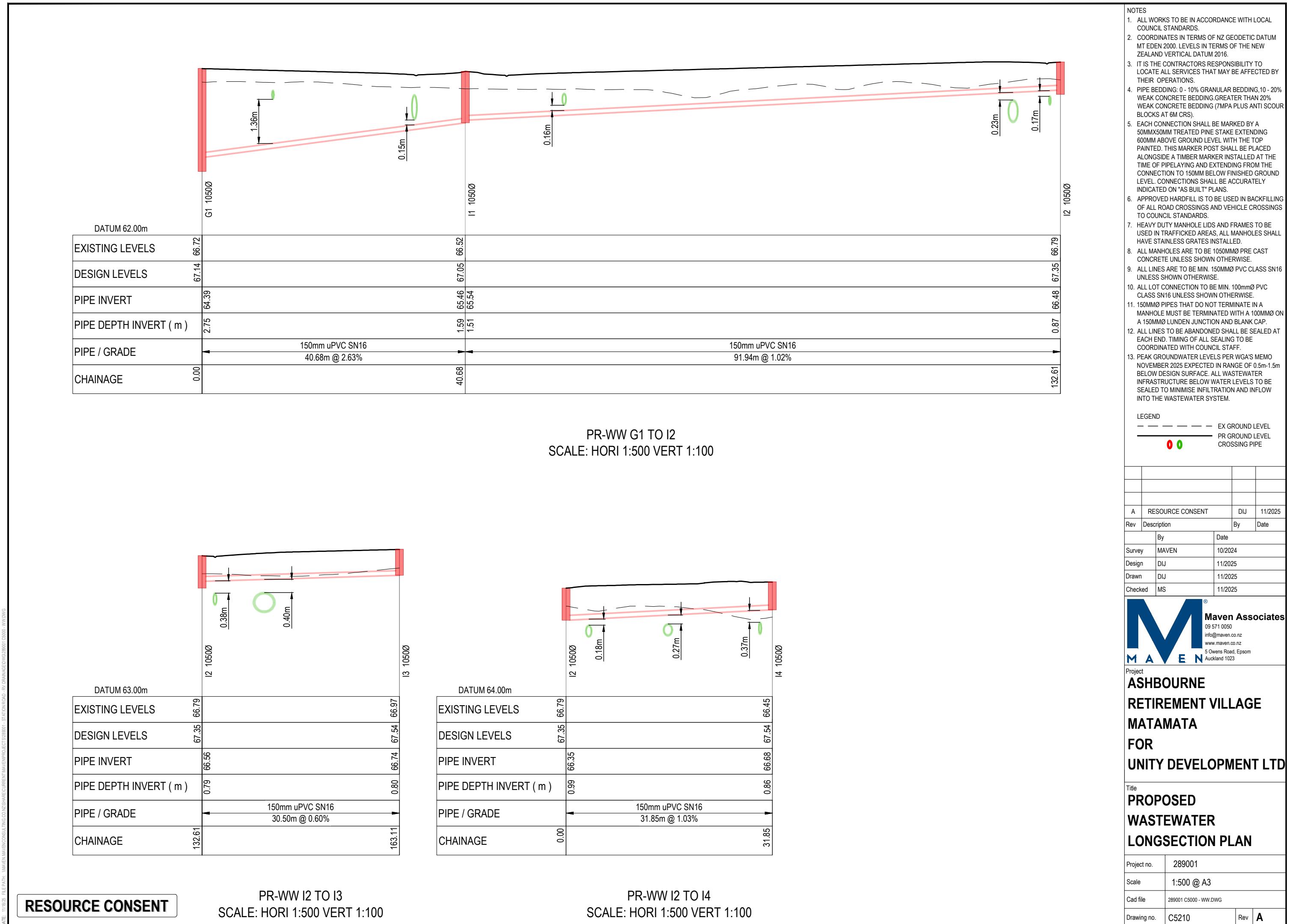


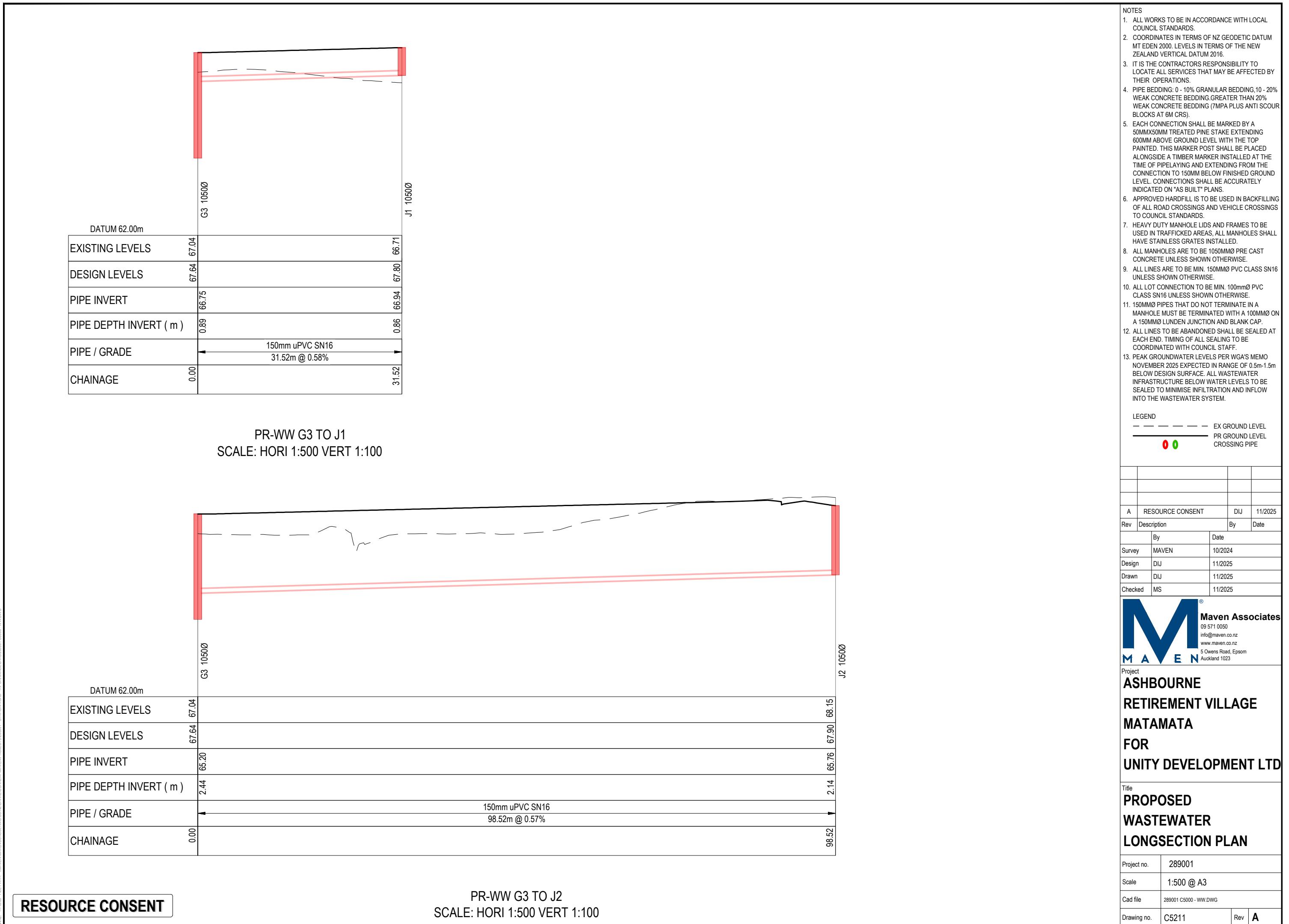
PR-WW G9 TO G12
SCALE: Hori 1:500 Vert 1:100

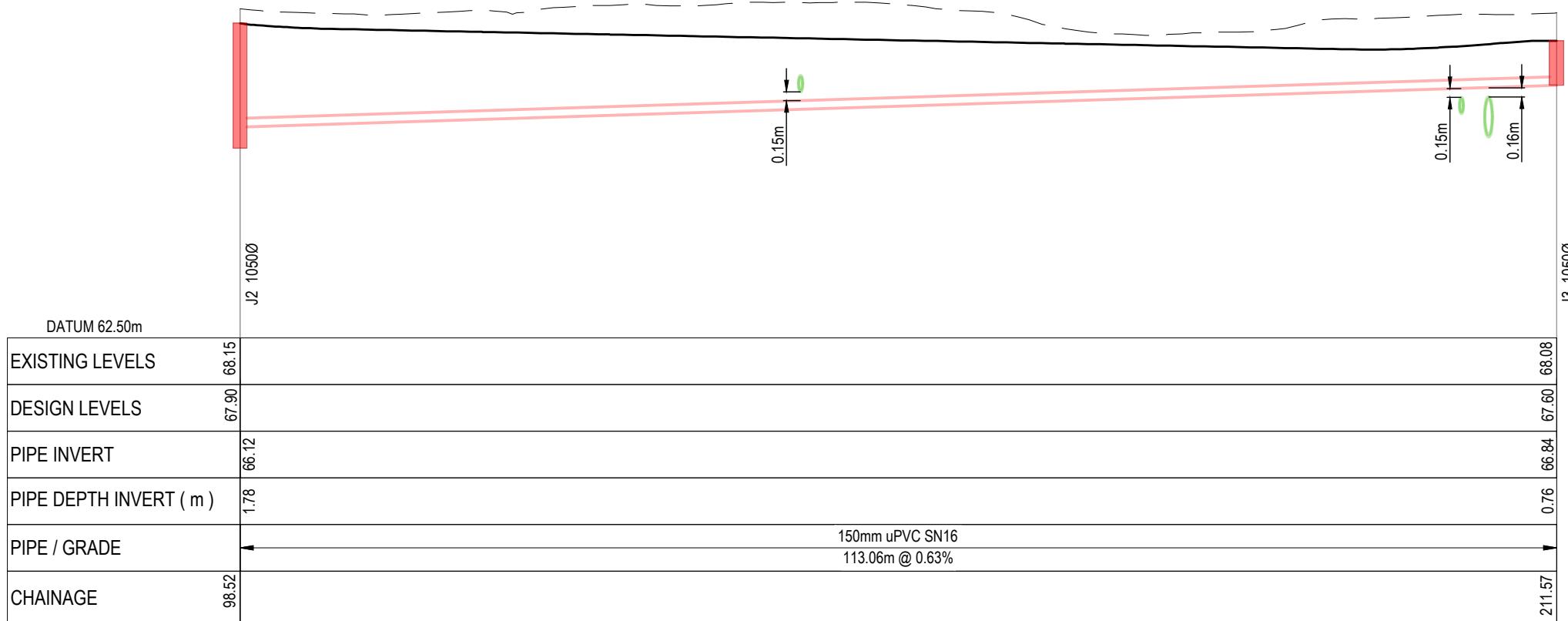
RESOURCE CONSENT











PR-WW J2 TO J3
SCALE: Hori 1:500 Vert 1:100

ALL WORKS TO BE IN ACCORDANCE WITH LOCAL 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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LEGEND



The legend consists of two horizontal lines. The top line is dashed and labeled 'EX GROUND LEVEL'. The bottom line is solid and labeled 'PR GROUND LEVEL'. Below these lines is a solid horizontal line with a red circle containing the number '0' and a green circle containing the number '1' centered on it. To the right of this line is the label 'CROSSING PIPE'.

EX GROUND LEVEL

PR GROUND LEVEL

0 1

CROSSING PIPE

A	RESOURCE CONSENT	DIJ	11/2025
ev	Description	By	Date
urvey	MAVEN	10/2024	
esign	DIJ	11/2025	
awn	DIJ	11/2025	
checked	MS	11/2025	

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR

PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001		
Scale	1:500 @ A3		
cad file	289001 C5000 - WW.DWG		
Drawing no.	C5212	Rev	A

RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH LOCAL COUNCIL STANDARDS.
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LEGEND

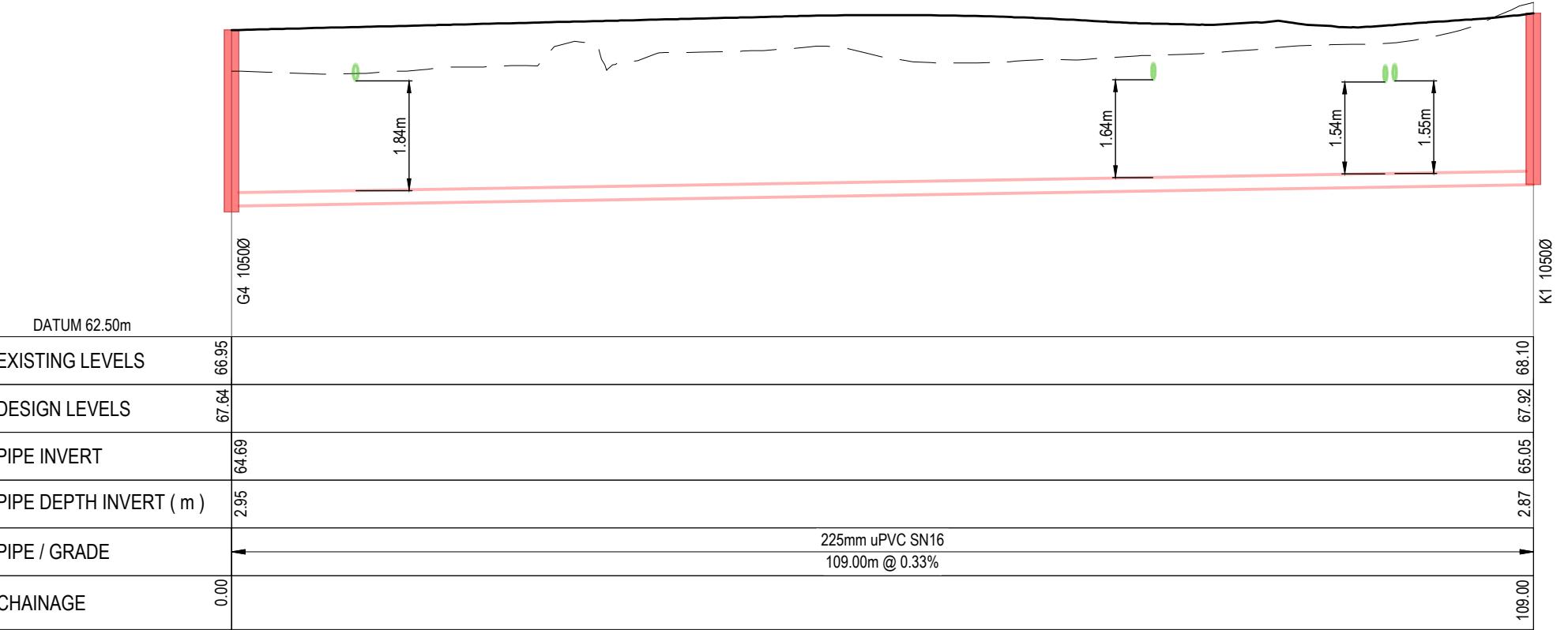
A	RESOURCE CONSENT	DIJ	11/2025
Rev	Description	By	Date
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	

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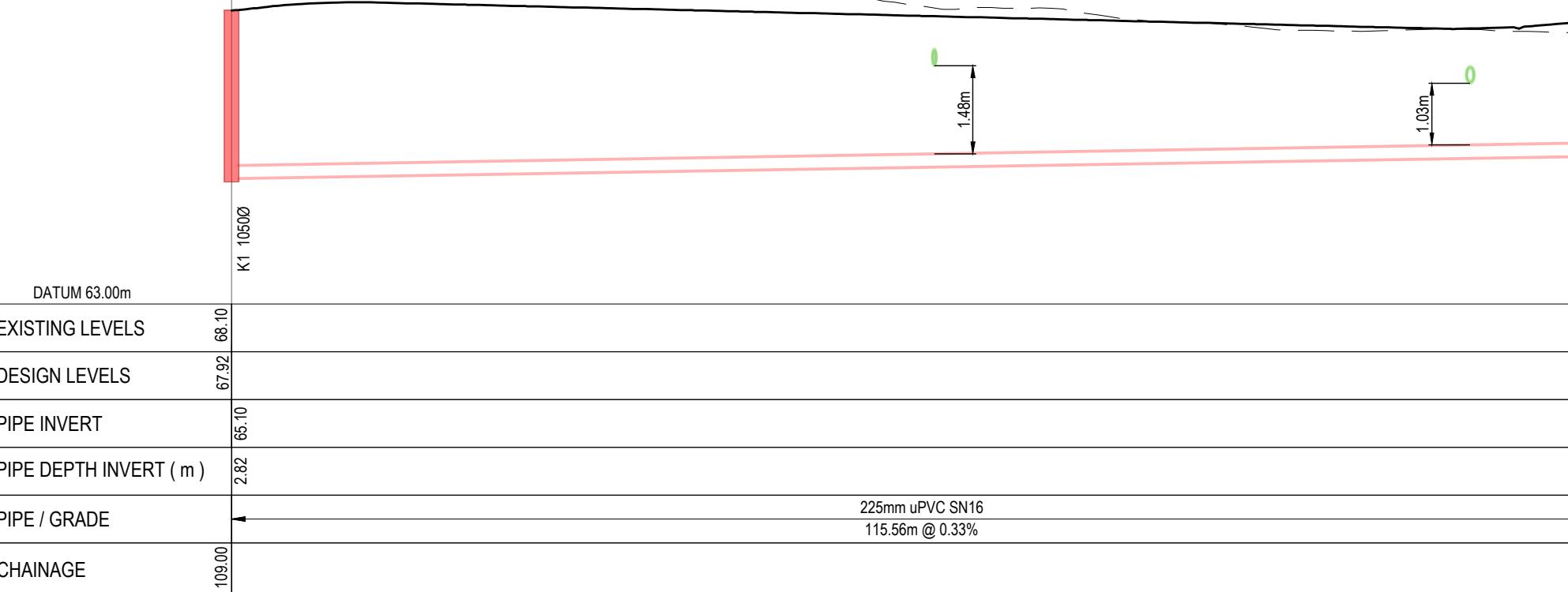
Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001
Scale	1:500 @ A3
Cad file	289001 C5000 - WW.DWG
Drawing no.	C5213

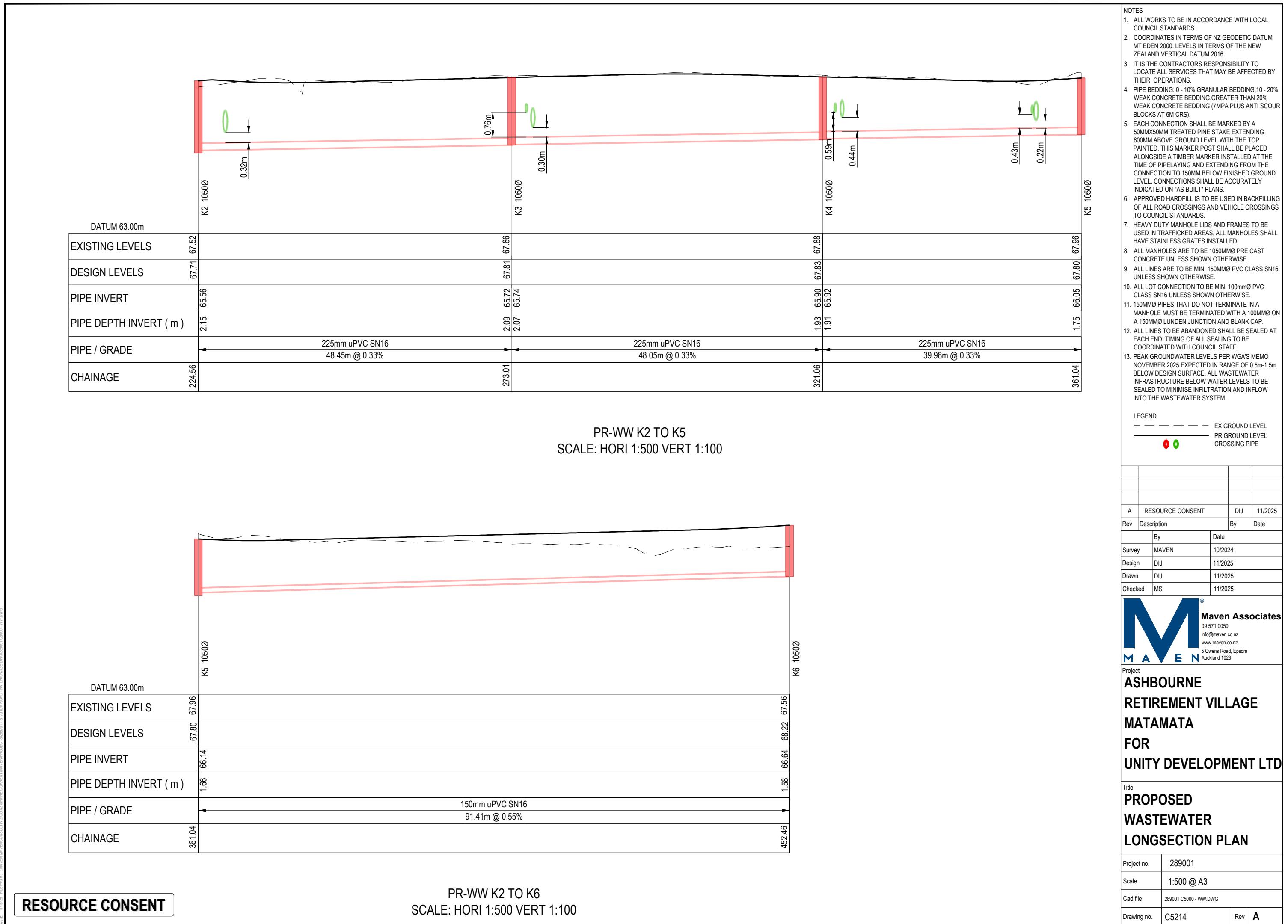


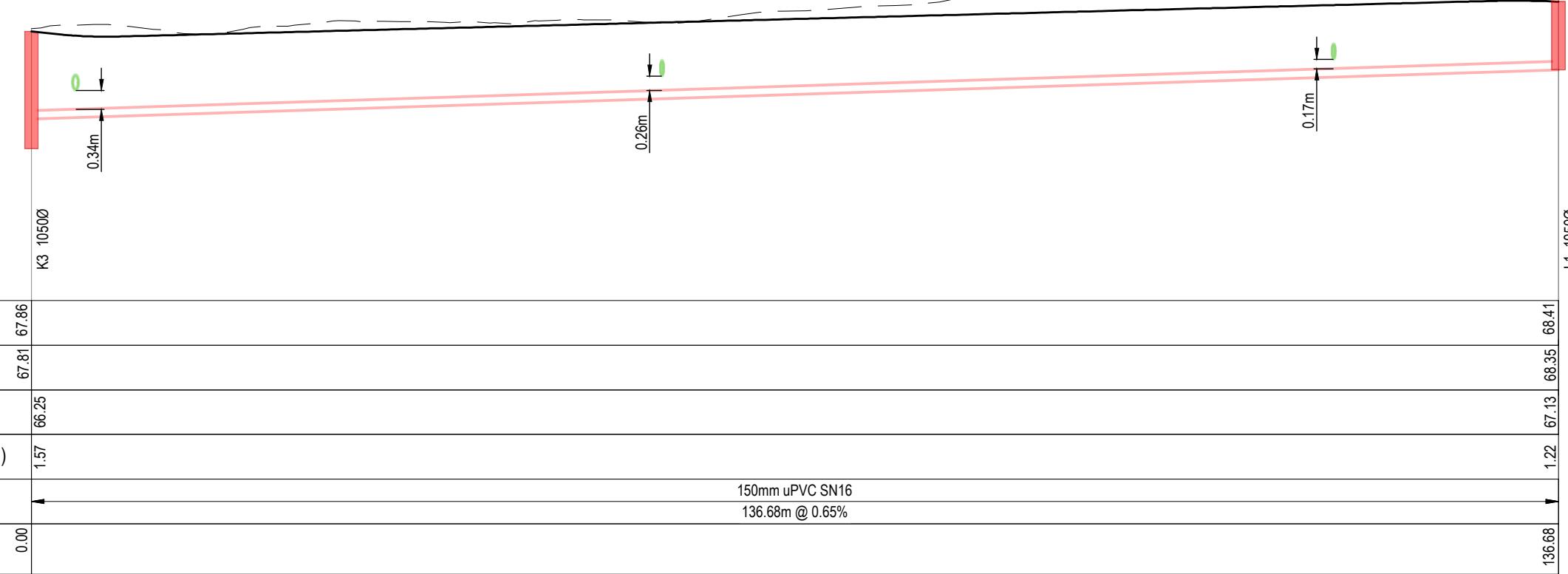
PR-WW G4 TO K1
SCALE: Hori 1:500 Vert 1:100



PR-WW K1 TO K2
SCALE: Hori 1:500 Vert 1:100

RESOURCE CONSENT





PR-WW K3 TO L1
SCALE: Hori 1:500 Vert 1:100

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
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
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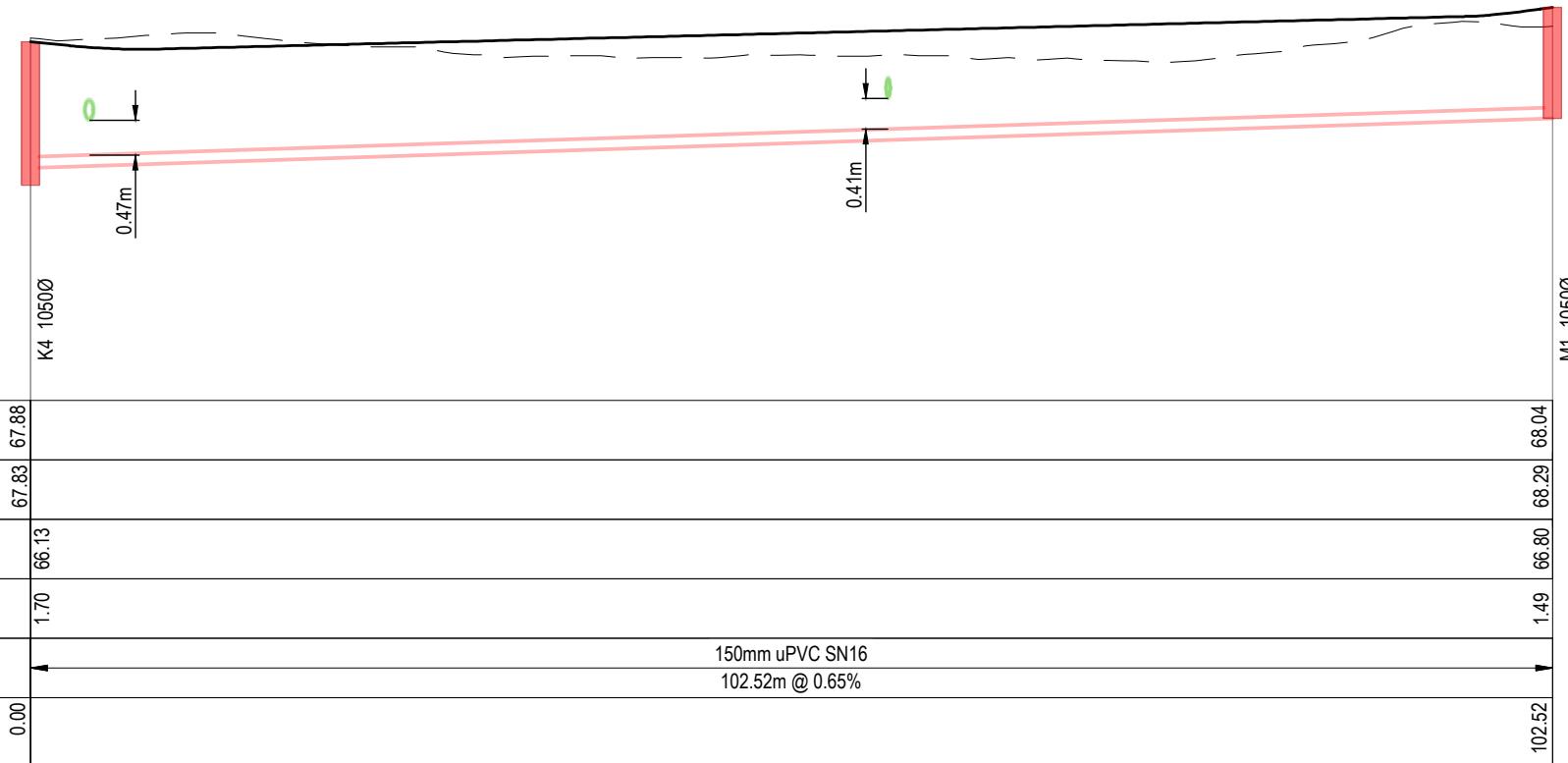
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Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001
Scale	1:500 @ A3
Cad file	289001 C5000 - WW.DWG
Drawing no.	C5215

RESOURCE CONSENT



PR-WW K4 TO M1
SCALE: Hori 1:500 Vert 1:100

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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
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	

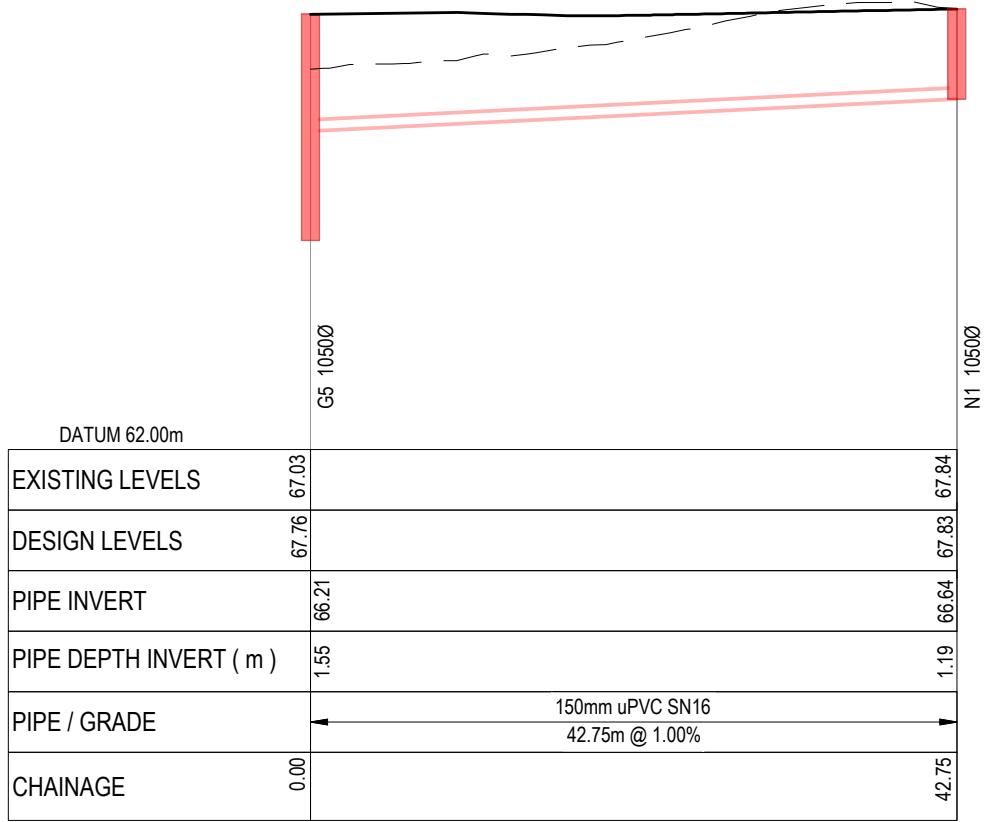
Maven Associates
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info@maven.co.nz
www.maven.co.nz
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Auckland 1023

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001
Scale	1:500 @ A3
Cad file	289001 C5000 - WW.DWG
Drawing no.	C5216

RESOURCE CONSENT



PR-WW G5 TO N1
SCALE: Hori 1:500 Vert 1:100

NOTES

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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, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
8. ALL MANHOLES ARE TO BE 1050MMØ PRE CAST CONCRETE UNLESS SHOWN OTHERWISE.
9. ALL LINES ARE TO BE MIN. 150MMØ PVC CLASS SN16 UNLESS SHOWN OTHERWISE.
10. ALL LOT CONNECTION TO BE MIN. 100mmØ PVC CLASS SN16 UNLESS SHOWN OTHERWISE.
11. 150MMØ PIPES THAT DO NOT TERMINATE IN A MANHOLE MUST BE TERMINATED WITH A 100MMØ ON A 150MMØ LUNDEN JUNCTION AND BLANK CAP.
12. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
13. PEAK GROUNDWATER LEVELS PER WGA'S MEMO NOVEMBER 2025 EXPECTED IN RANGE OF 0.5m-1.5m BELOW DESIGN SURFACE. ALL WASTEWATER INFRASTRUCTURE BELOW WATER LEVELS TO BE SEALED TO MINIMISE INFILTRATION AND INFLOW INTO THE WASTEWATER SYSTEM.

LEGEND

— — — — — EX GROUND LEVEL

— — — — — PR GROUND LEVEL

— — — — — CROSSING PIPE

0 0

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	

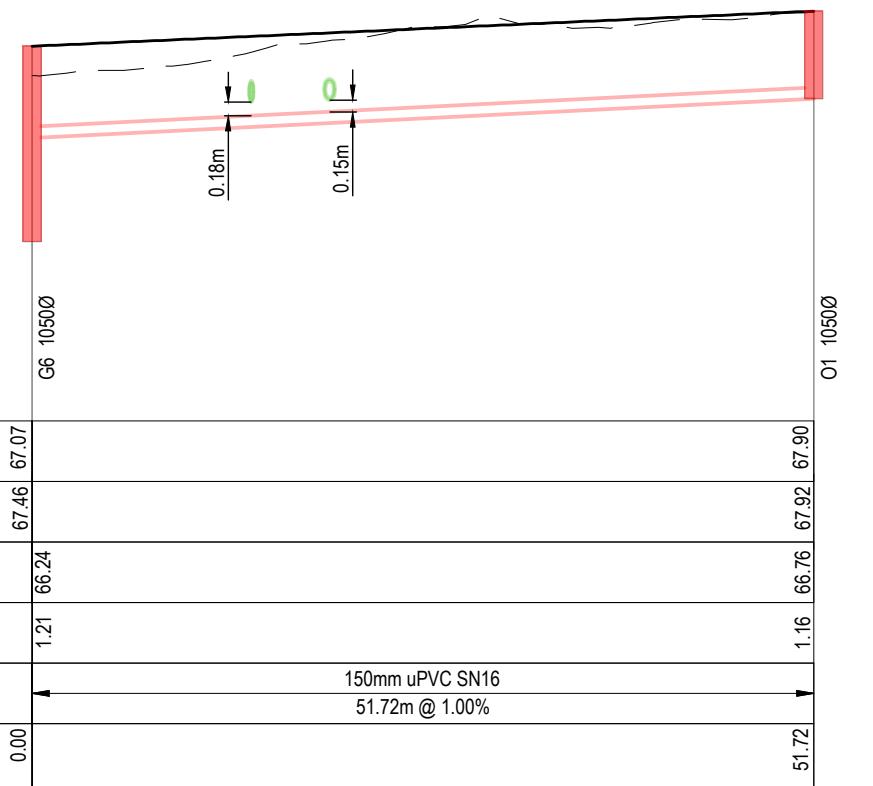


Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
**PROPOSED
WASTEWATER
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C5000 - WW.DWG		
Drawing no.	C5217	Rev	A

RESOURCE CONSENT



DATUM 62.50m

EXISTING LEVELS	67.46	67.07	G6 1050Ø	67.90	O1 1050Ø
DESIGN LEVELS					
PIPE INVERT	66.24				
PIPE DEPTH INVERT (m)	1.21			1.16	66.76
PIPE / GRADE		150mm uPVC SN16			67.92
CHAINAGE	0.00			51.72	

PR-WW G6 TO O1
SCALE: HORI 1:500 VERT 1:100

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
Survey	MAVEN	10/2024	
Design	DIJ	11/2025	
Drawn	DIJ	11/2025	
Checked	MS	11/2025	

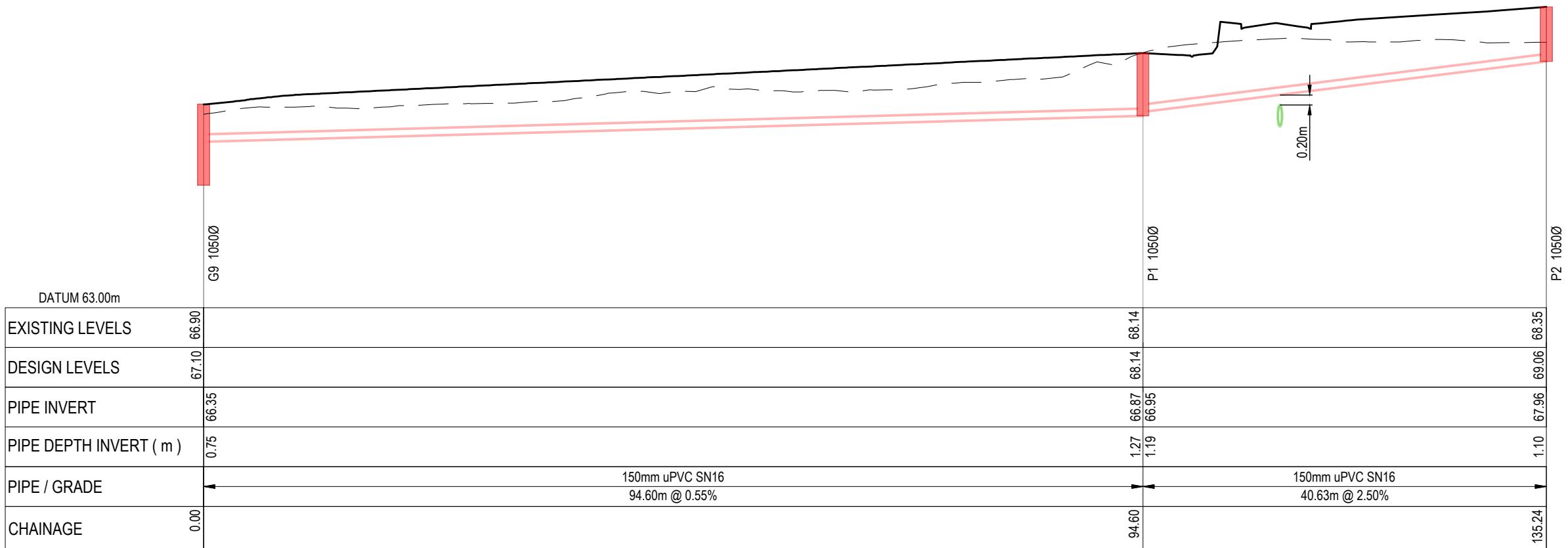
Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001
Scale	1:500 @ A3
Cad file	289001 C5000 - WW.DWG
Drawing no.	C5218
Rev	A

RESOURCE CONSENT



PR-WW G9 TO P2
SCALE: Hori 1:500 Vert 1:100

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

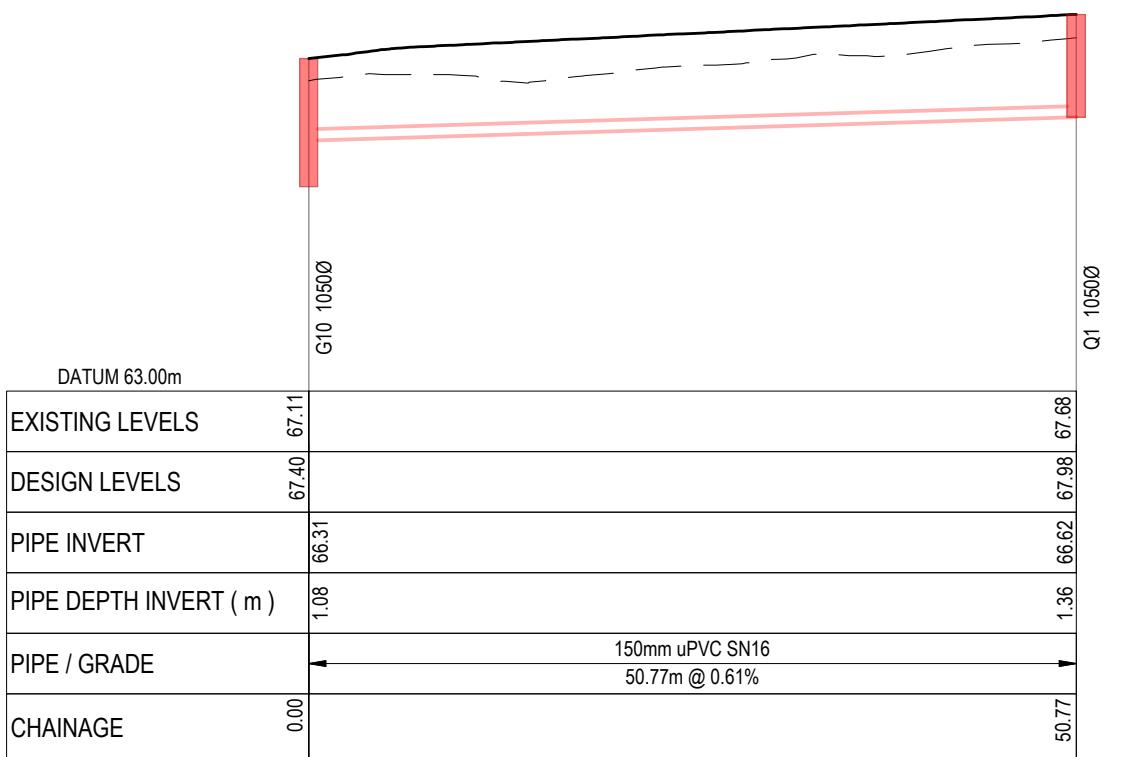
Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
**PROPOSED
WASTEWATER
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001 C5000 - WW.DWG		
Drawing no.	C5219	Rev	A

RESOURCE CONSENT



PR-WW G10 TO Q1
SCAI E: HORI 1:500 VERT 1:100

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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

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR

Title
**PROPOSED
WASTEWATER
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001_C5000 - WW.DWG		
Drawing no.	C5220	Rev	A

RESOURCE CONSENT

NOTES

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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

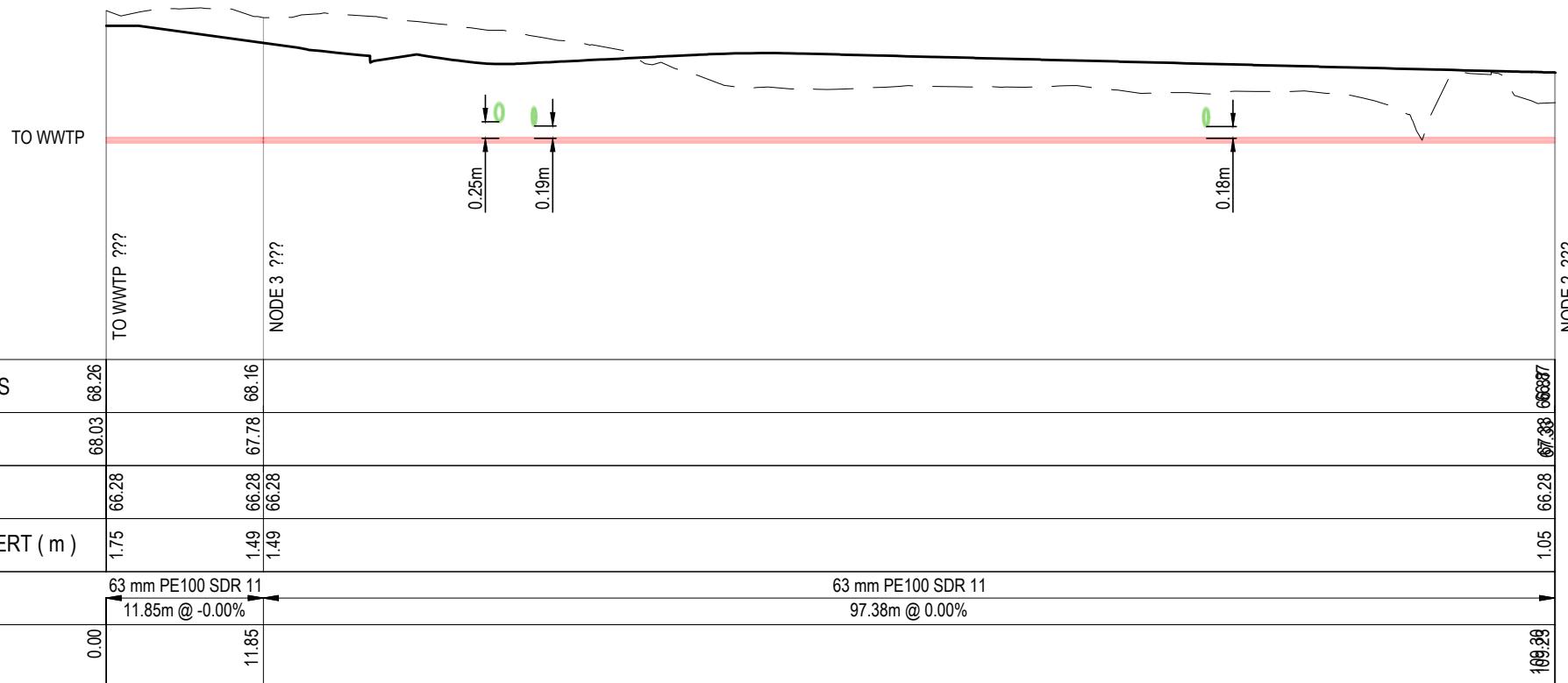
Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
PROPOSED
WASTEWATER
LONGSECTION PLAN

Project no.	289001
Scale	1:500 @ A3
Cad file	C5221 C5000 - WW.DWG
Drawing no.	C5221

RESOURCE CONSENT



PR-WW RISING MAIN WWTP TO NODE 2
SCALE: Hori 1:500 Vert 1:100

PR-WW RISING MAIN NODE 2 TO A1
SCALE: Hori 1:500 Vert 1:100

RESOURCE CONSENT

NOTES

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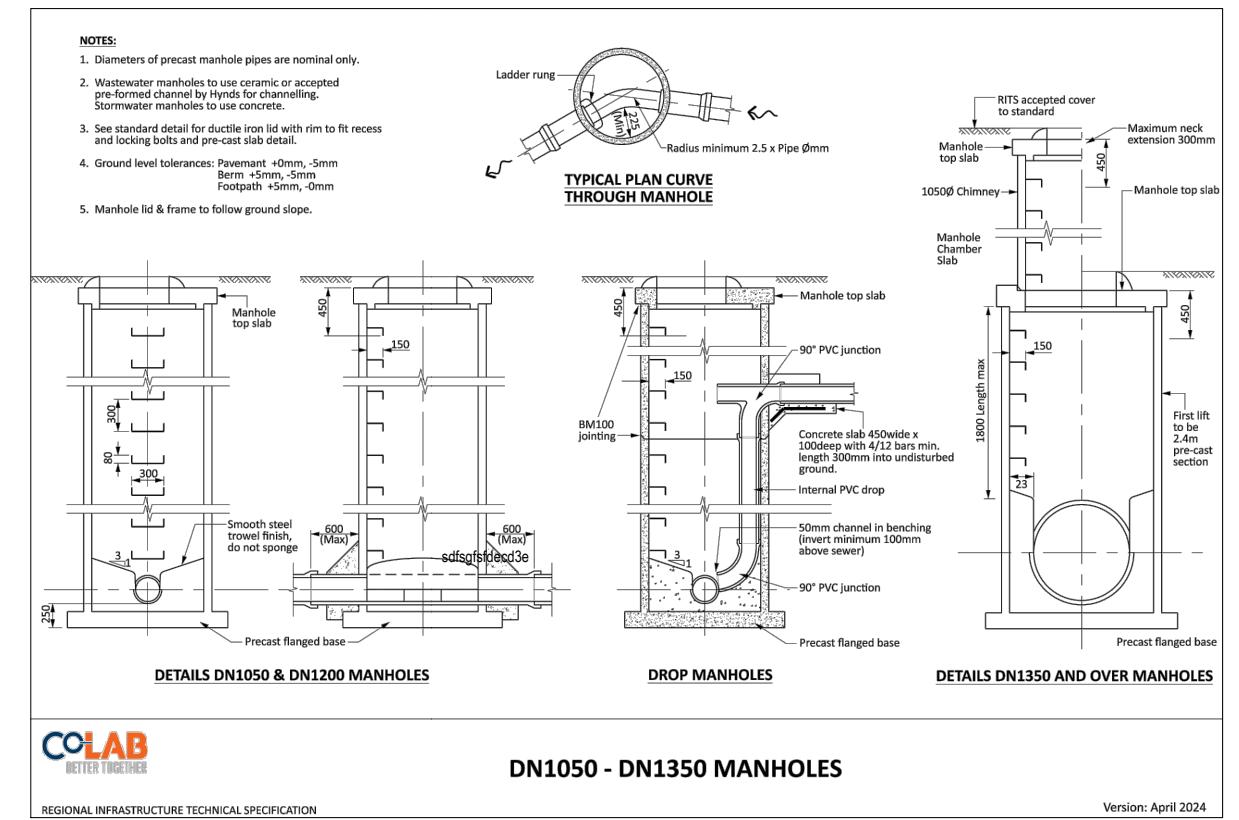
LEGEND
— — — — — EX GROUND LEVEL
— — — — — PR GROUND LEVEL
— — — — — CROSSING PIPE

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	

Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

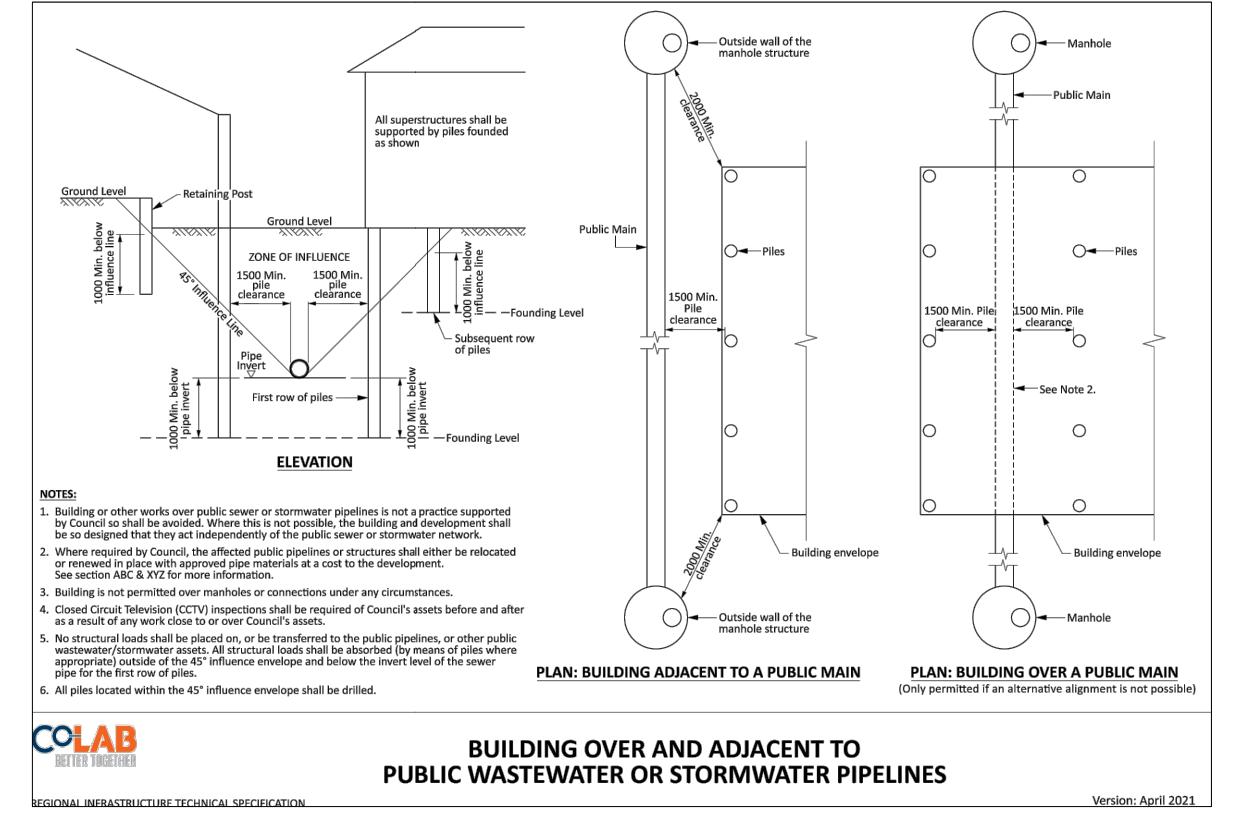
Title
**PROPOSED
WASTEWATER
LONGSECTION PLAN**

Project no.	289001		
Scale	1:500 @ A3		
Cad file	289001_C5000 - WW.DWG		
Drawing no.	C5222	Rev	A



Notes

- All works to be in accordance with local council 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 siphons 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 be clarified 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	MS	01/25
Rev	Description	By	Date
		By	Date
Survey	MAVEN	10/2024	
Design	MS	12/2024	
Drawn	MS	12/2024	
Checked	SB	12/2024	

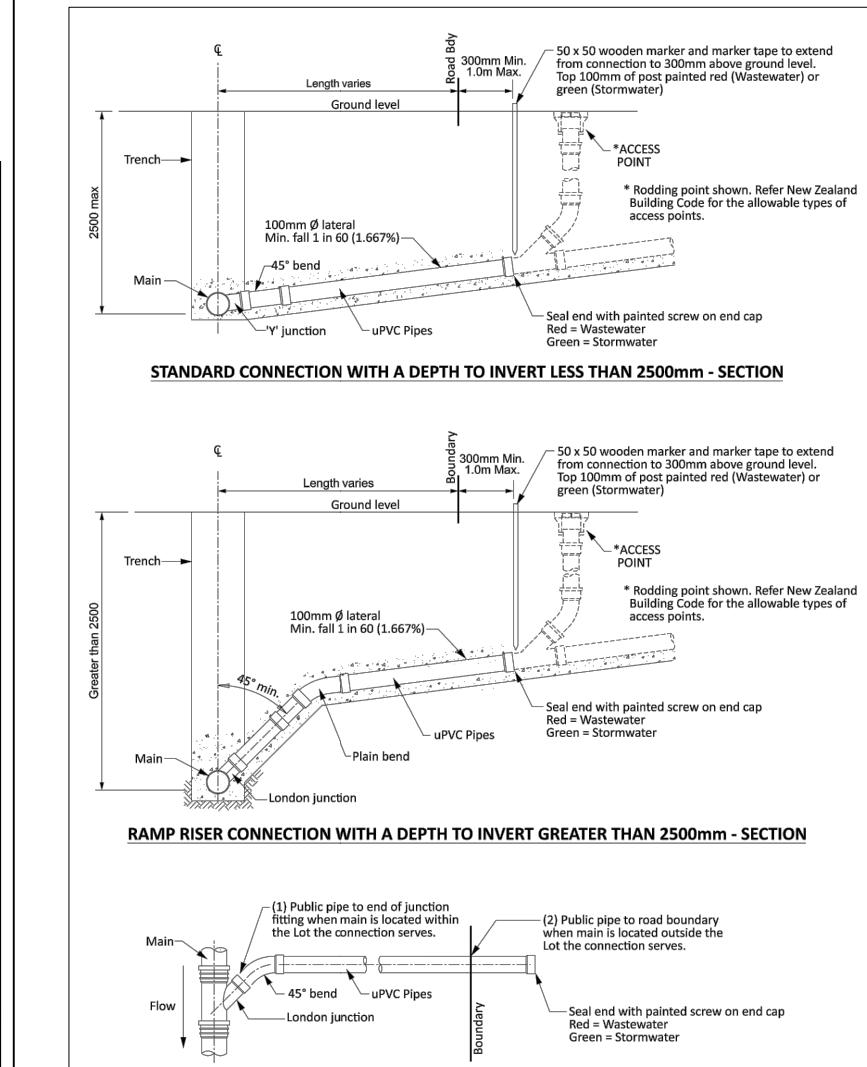


Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
PROPOSED WW
STANDARD DETAIL PLAN
SHEET 1 OF 5

Project no.	J00606
Scale	NTS
Cad file	C5800 -WW SD DETAILS.DWG
Drawing no.	C5800
Rev	B

FOR CONSENT

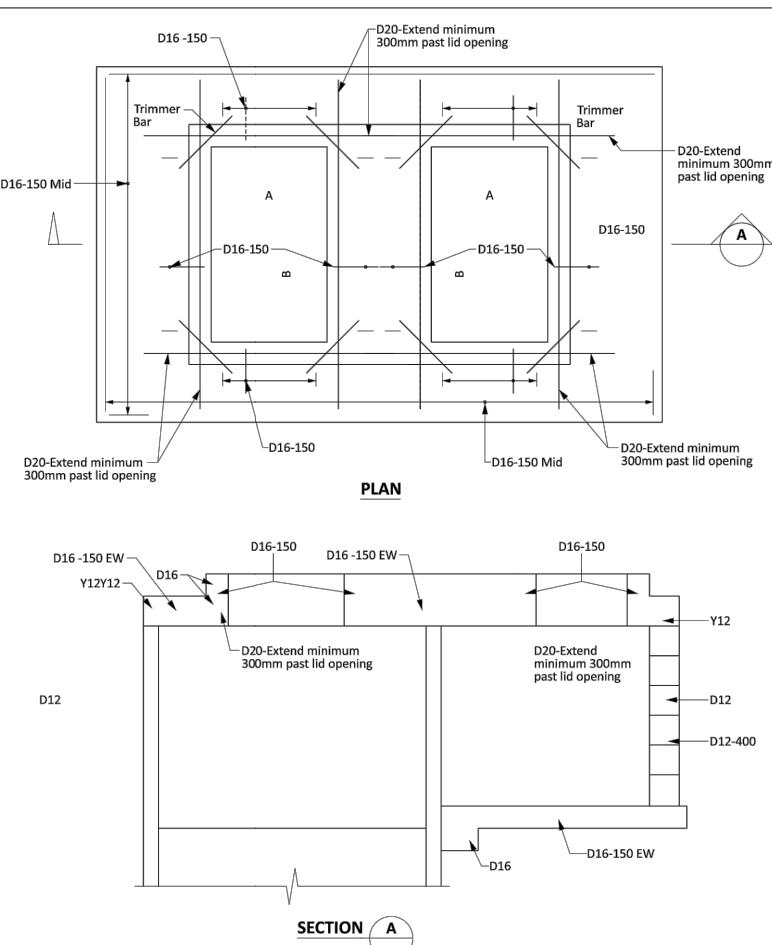


COLAB BETTER TOGETHER LATERAL CONNECTION

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION Version: April 2021

COLAB BETTER TOGETHER WASTEWATER PUMP STATION SITE PLAN LAYOUT

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION Version: April 2021

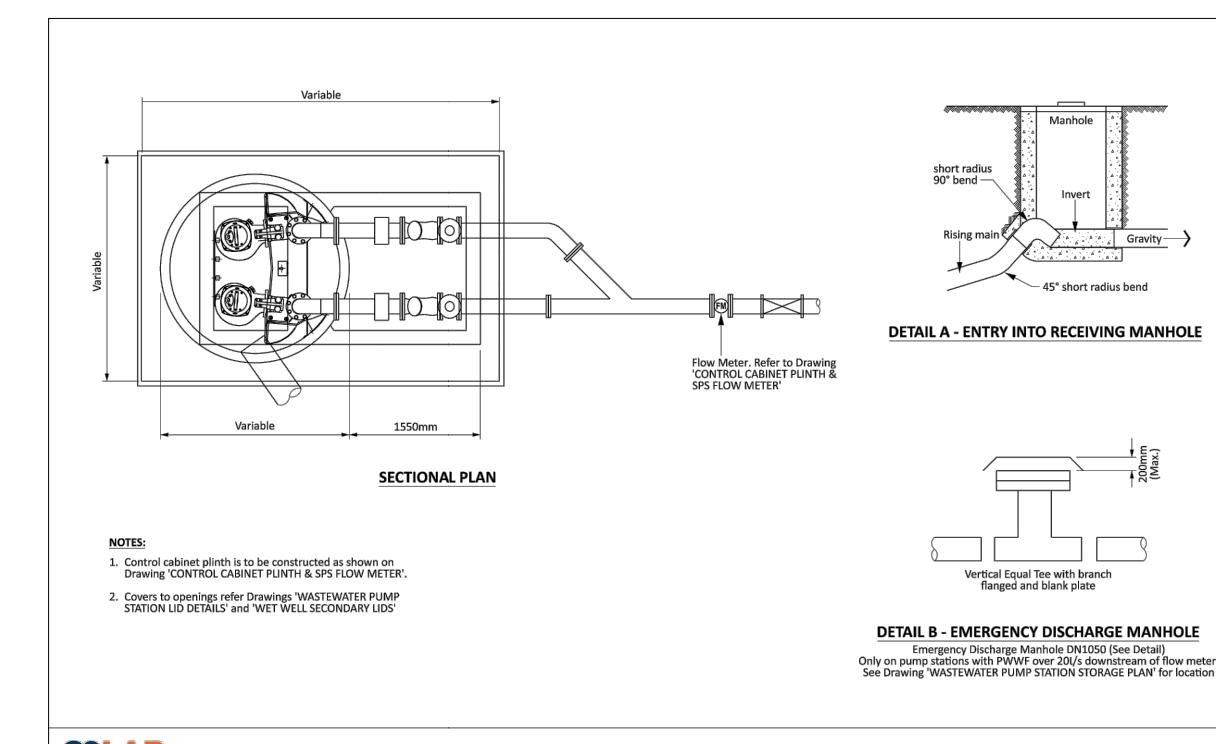
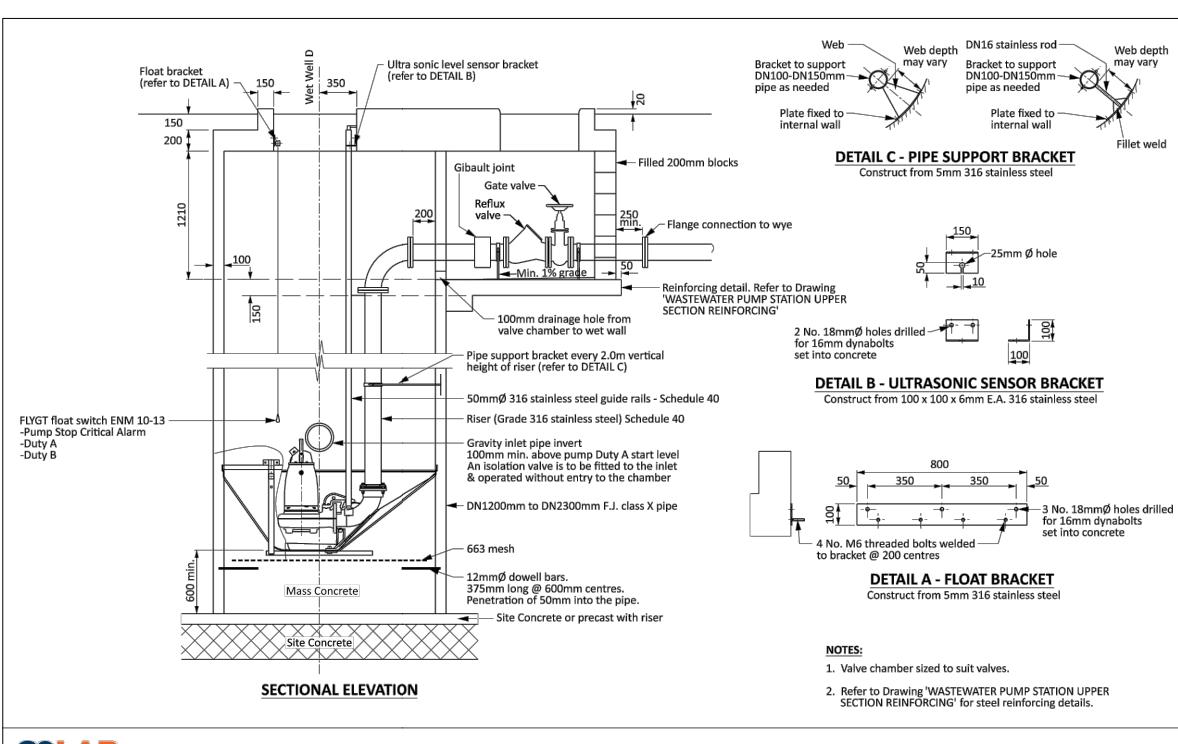


NOTES:
 1. The detail on this drawing is typical only.
 2. Pump Station offset is measured from the driveway centreline to the centreline of the furthest pump.
 3. Area around pump station shall be graded to prevent surface water flowing onto or over pump station cover slabs which are to be 25mm above ground level.

LID OPENING DIMENSIONS	
PUMP TYPE	DIMENSIONS (mm)
Flygt 3085 & 3102	900 1400
Flygt 3127 & 3153	980 1600
Flygt 3171	1100 1600

Notes

- All works to be in accordance with local council 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 siphons 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 be clarified 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.



COLAB BETTER TOGETHER STANDARD WASTEWATER PUMP STATION FOR FLYGT 3085, 3102 AND 3127 PUMPS

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

B	FOR CONSENT	MS	04/25
A	FOR REVIEW	MS	01/25

Rev	Description	By	Date

Survey	MAVEN	10/2024
Design	MS	12/2024
Drawn	MS	12/2024
Checked	SB	12/2024

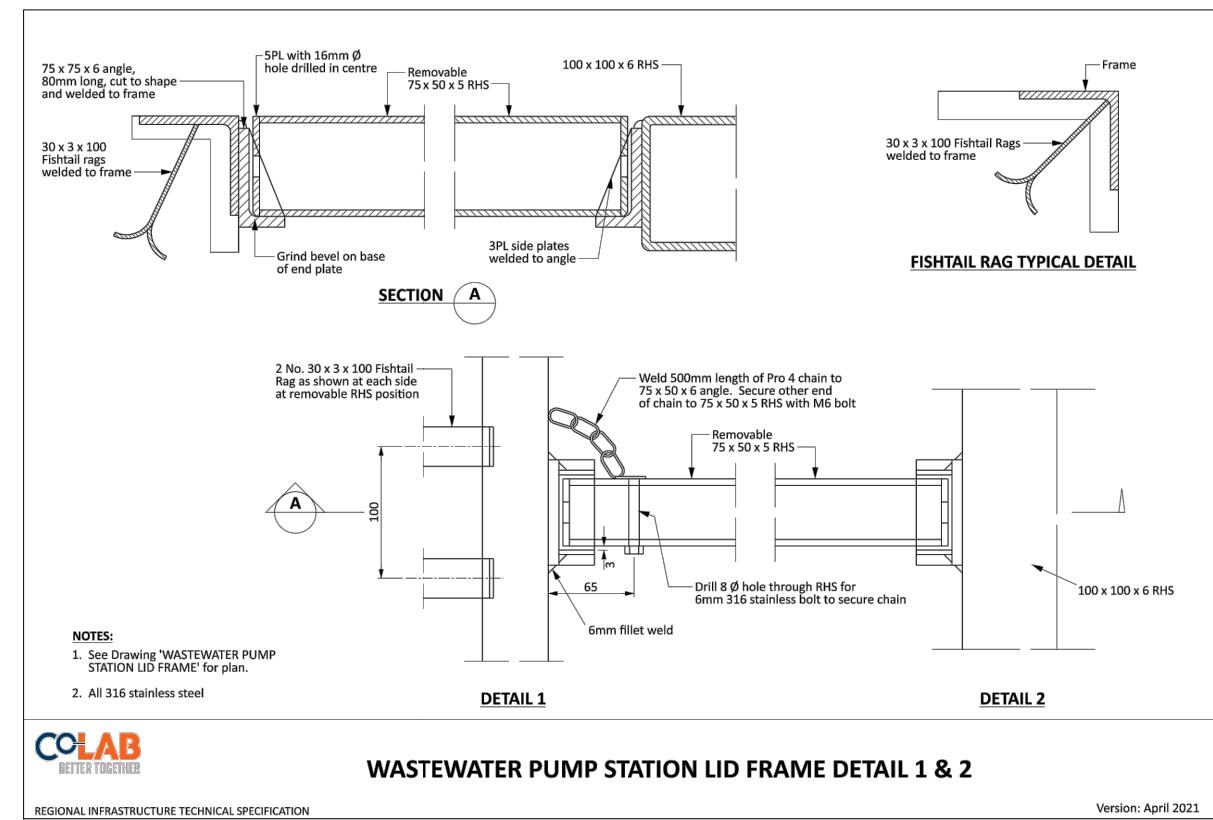
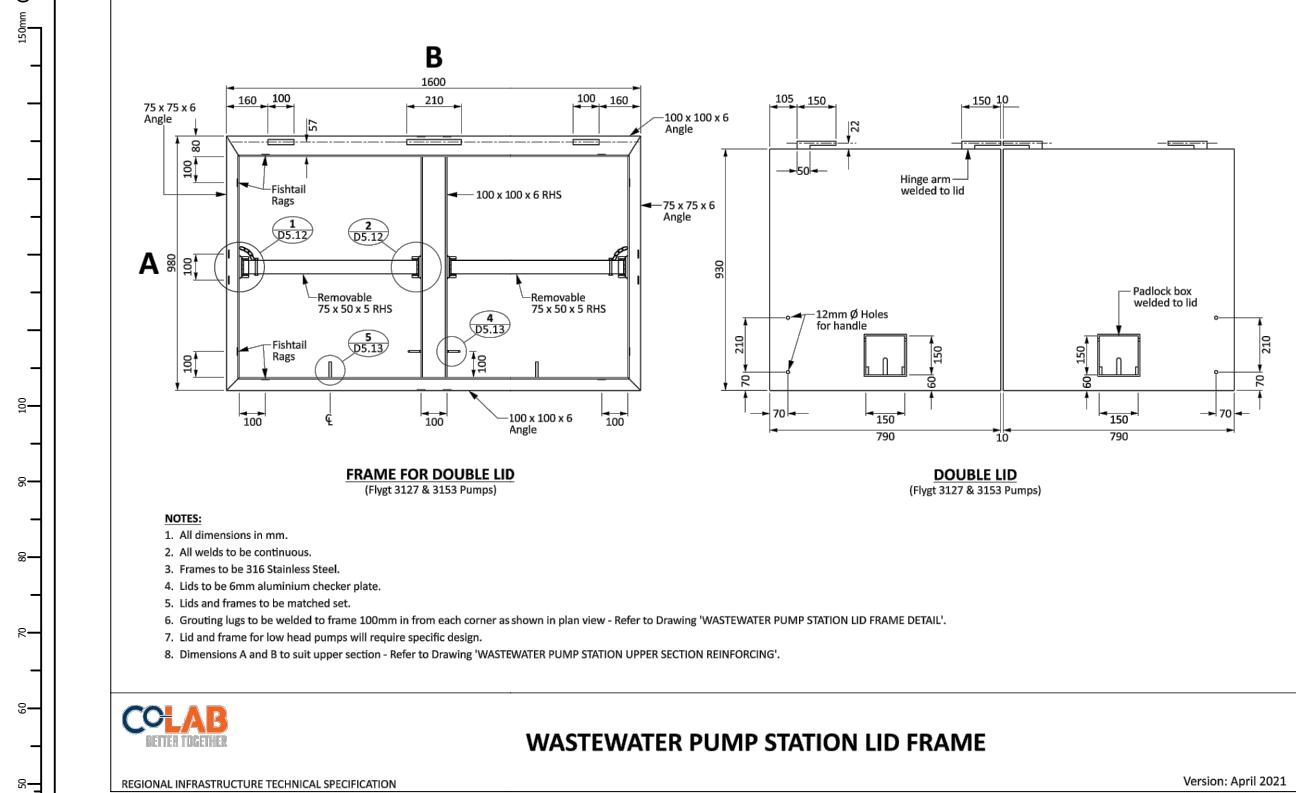
M Maven Matamata matamataino@maven.co.nz www.maven.co.nz 8 Tainui Street, Matamata New Zealand

Project
ASHBOURNE RETIREMENT VILLAGE MATAMATA FOR UNITY DEVELOPMENT LTD

PROPOSED WW STANDARD DETAIL PLAN SHEET 2 OF 5

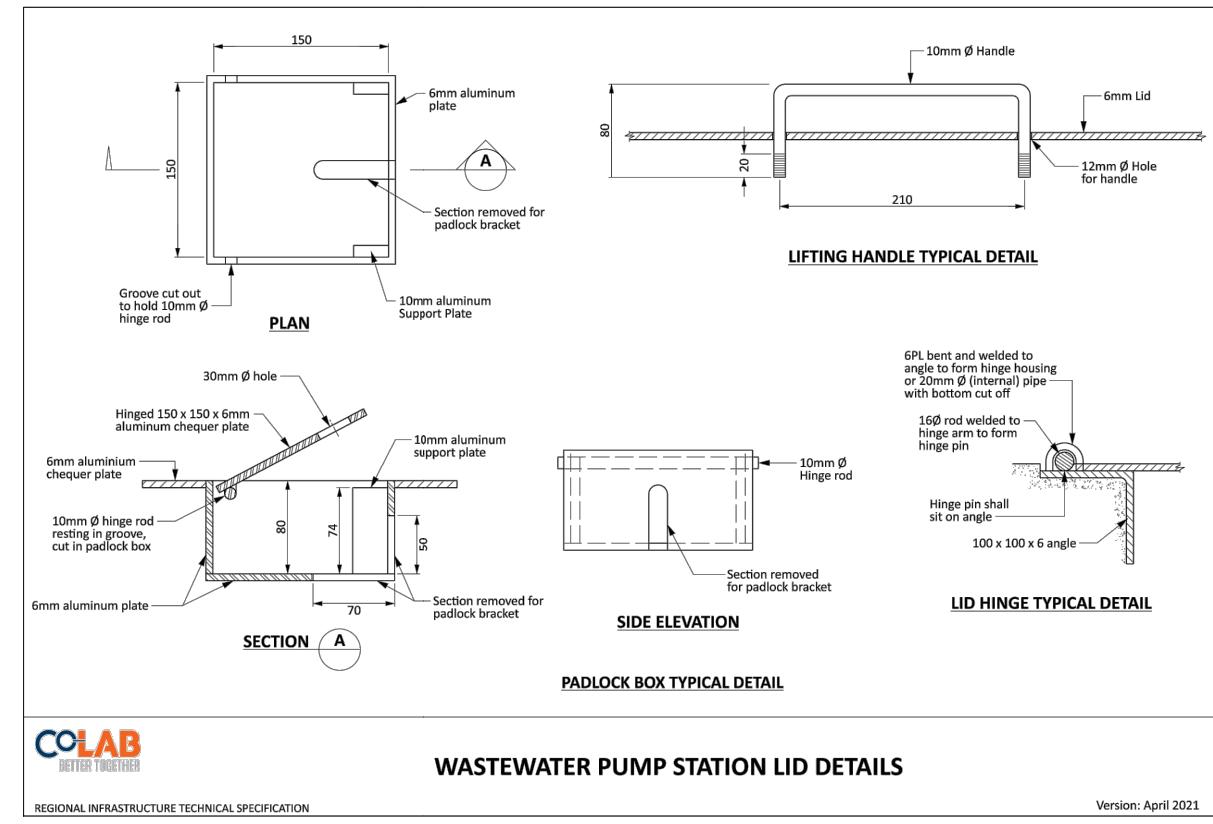
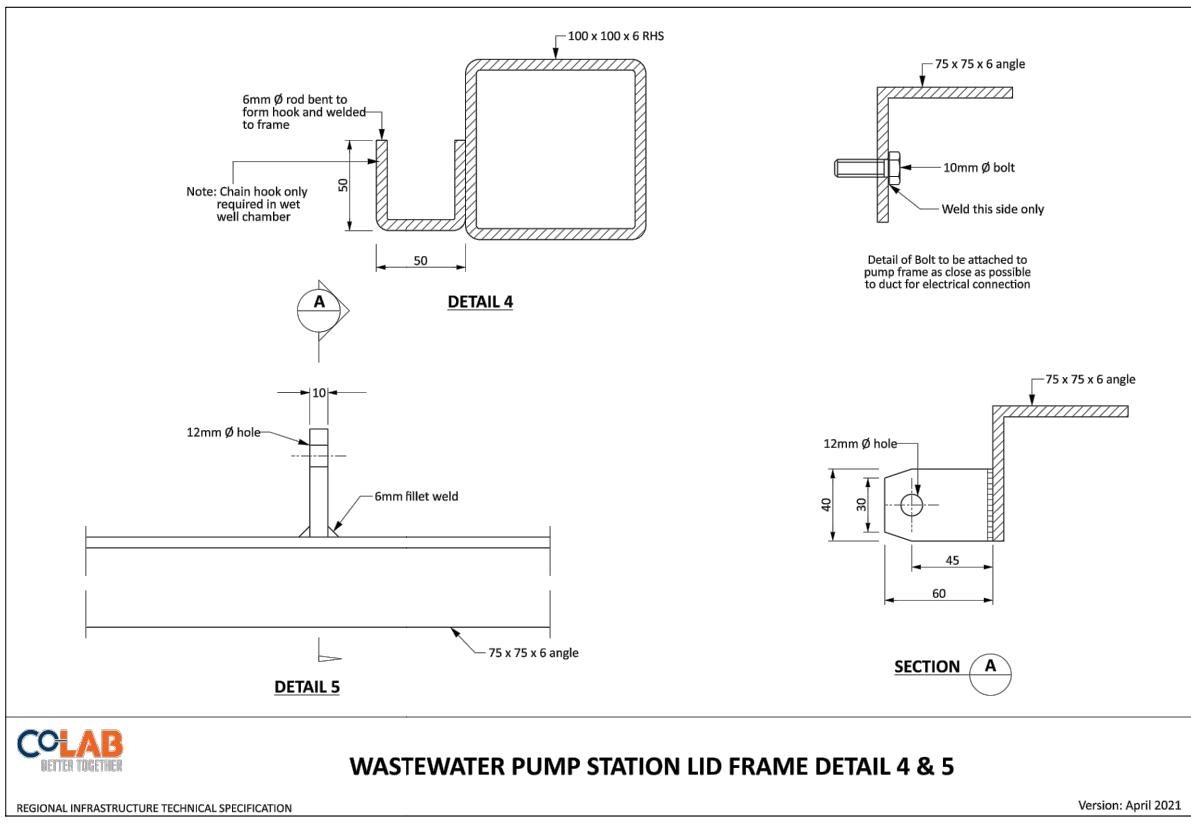
Project no.	J00606
Scale	NTS
Cad file	C5800 -WW SD DETAILS.DWG
Drawing no.	C5801

Rev B



NOTES

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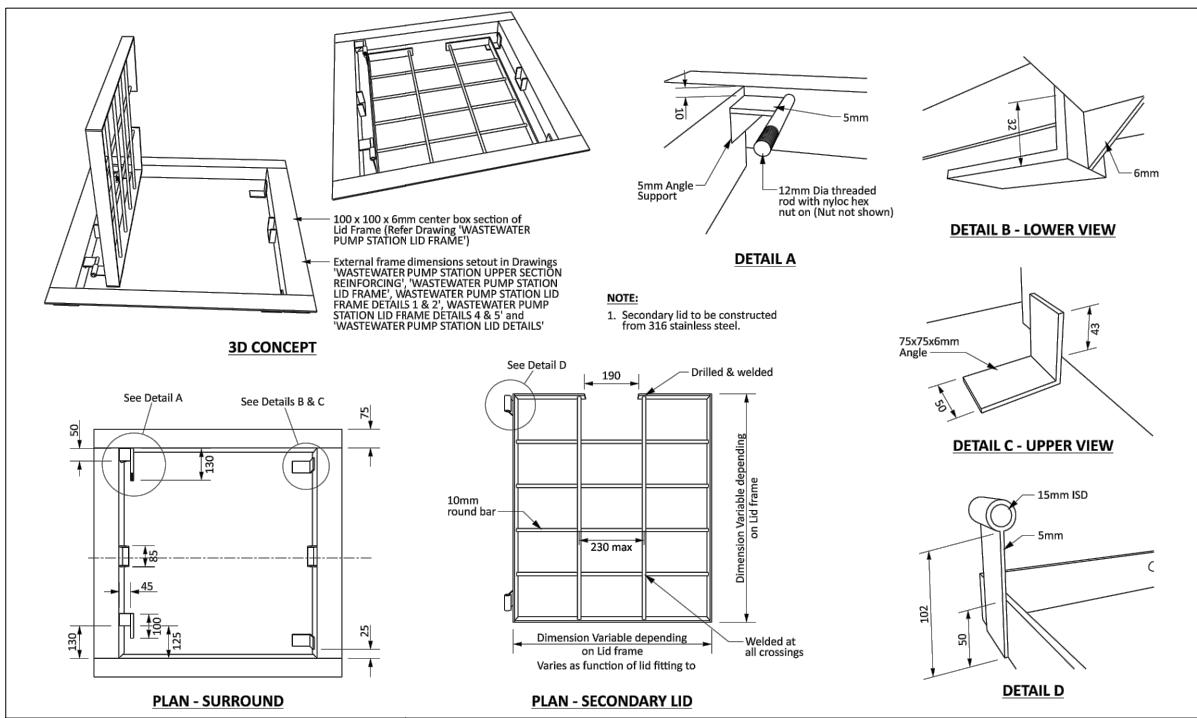
B	FOR CONSENT	MS	04/25
A	FOR REVIEW	MS	01/25
Rev	Description	By	Date
	By		Date
Survey	MAVEN	10/2024	
Design	MS	12/2024	
Drawn	MS	12/2024	
Checked	SB	12/2024	



Project
ASHBOURNE RETIREMENT VILLAGE MATAMATA FOR UNITY DEVELOPMENT LTD

Title
PROPOSED WW STANDARD DETAIL PLAN SHEET 3 OF 5

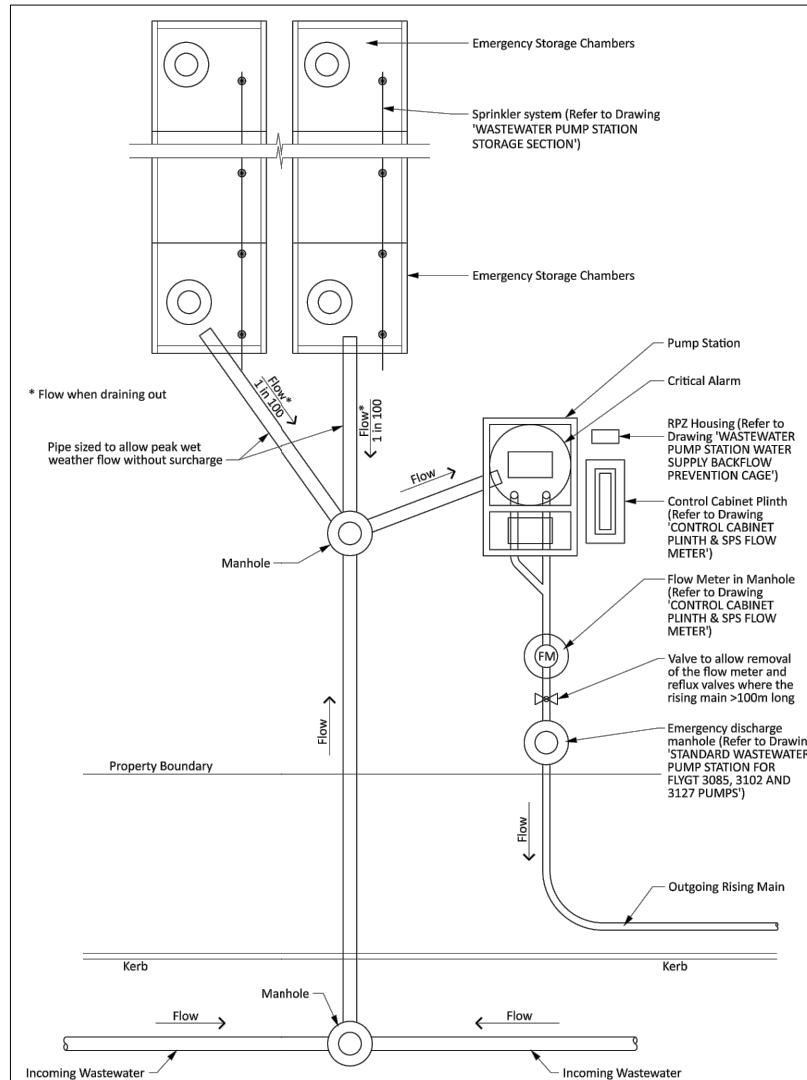
Project no.	J00606
Scale	NTS
Cad file	C5800-WW SD DETAILS.DWG
Drawing no.	C5802
Rev	B



WET WELL SECONDARY LIDS

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

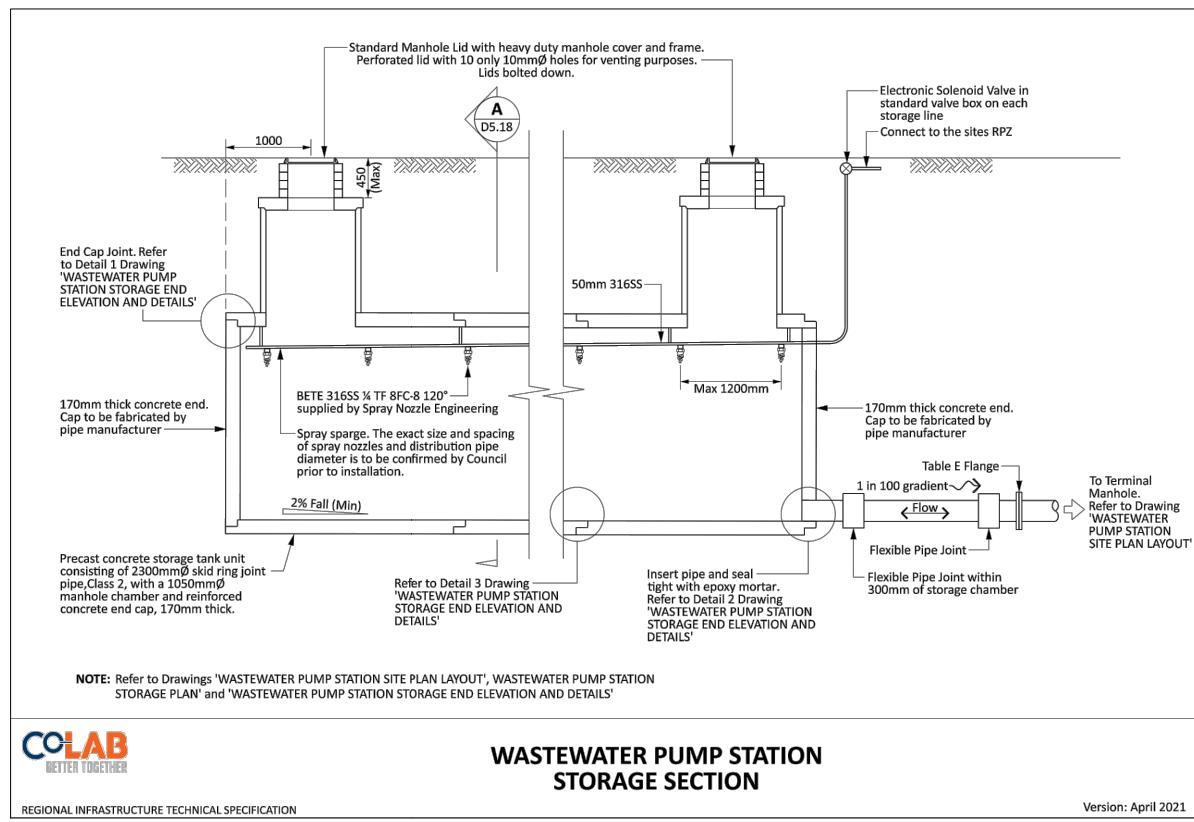


**WASTEWATER PUMP STATION
STORAGE PLAN**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

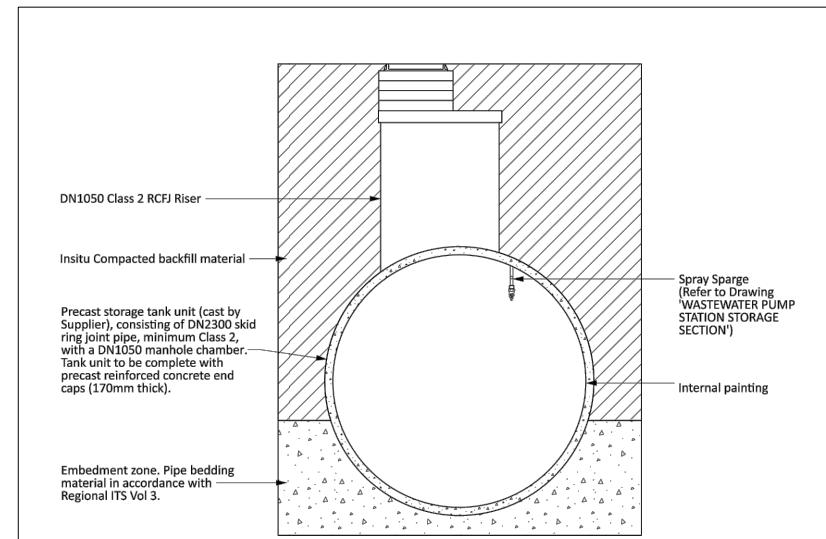
Version: April 2021

FOR CONSENT

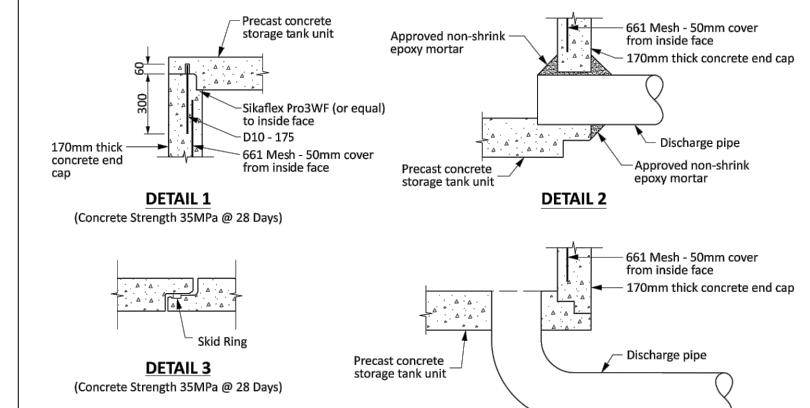


**WASTEWATER PUMP STATION
STORAGE SECTION**

Version: April 2021



SECTION A



NOTE: Refer to Drawings 'WASTEWATER PUMP STATION STORAGE PLAN' and 'WASTEWATER PUMP STATION STORAGE SECTION'

**WASTEWATER PUMP STATION
STORAGE ENDS
ELEVATION AND DETAILS**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

Notes

- All works to be in accordance with local council 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 siphons 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 be clarified 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	MS	01/25
Rev	Description	By	Date
Survey	MAVEN	10/2024	
Design	MS	12/2024	
Drawn	MS	12/2024	
Checked	SB	12/2024	

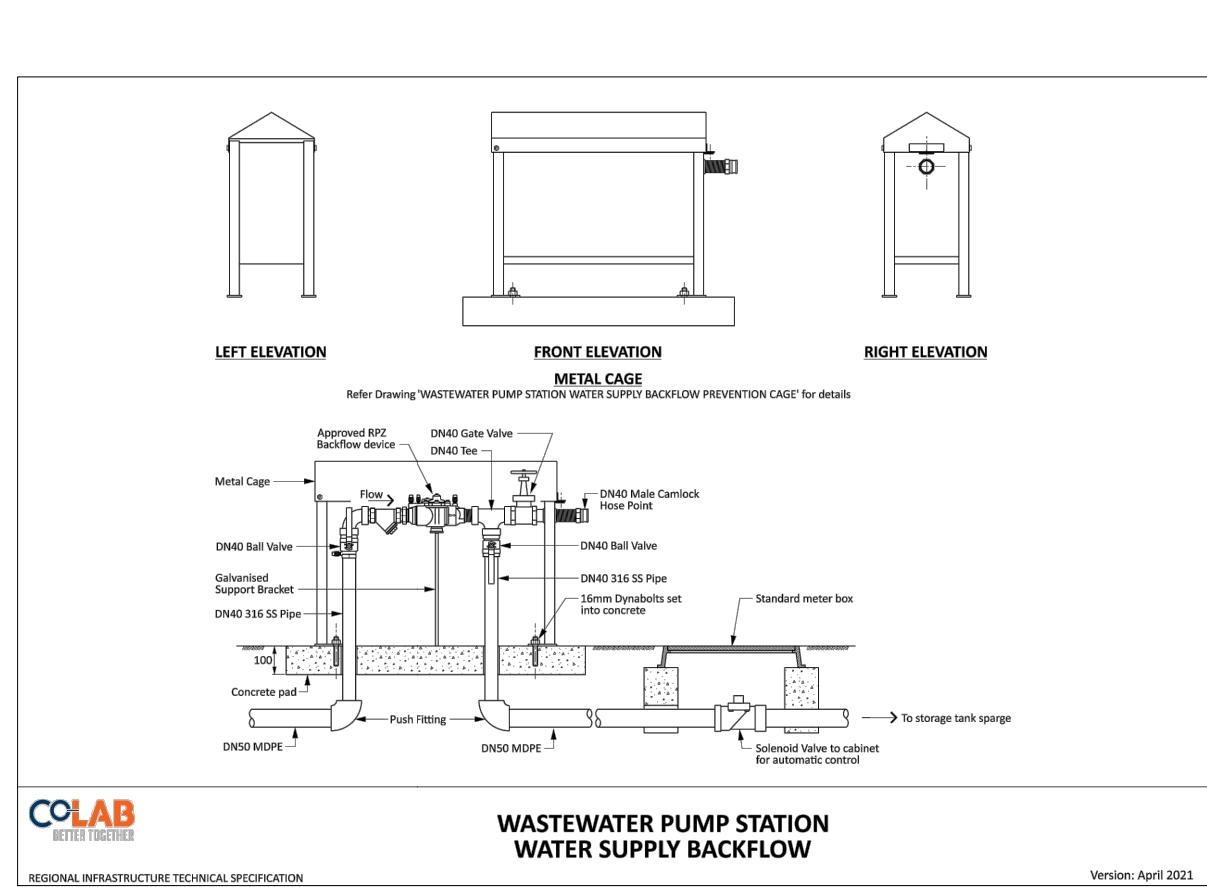
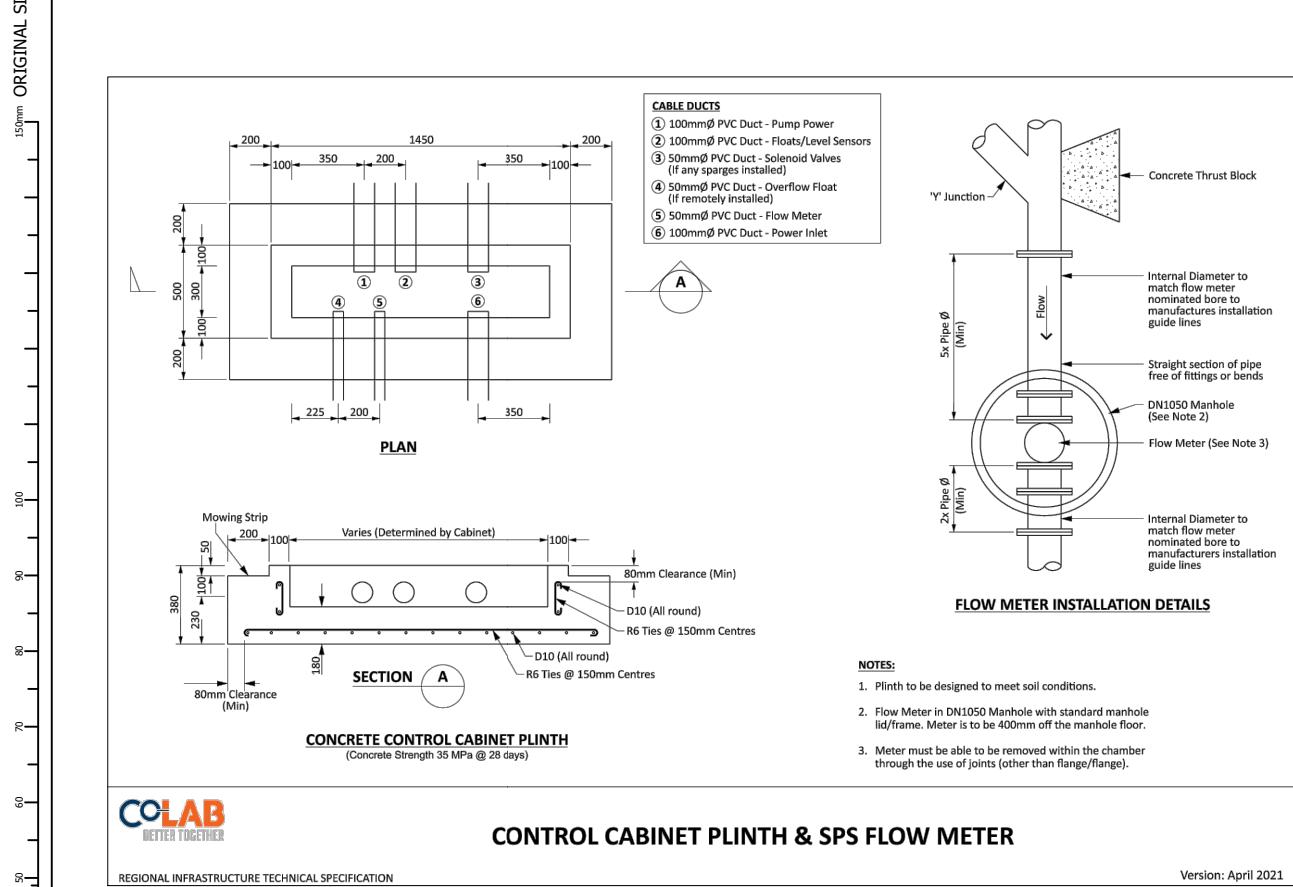


Project
**ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD**

Title
**PROPOSED WW
STANDARD DETAIL PLAN
SHEET 4 OF 5**

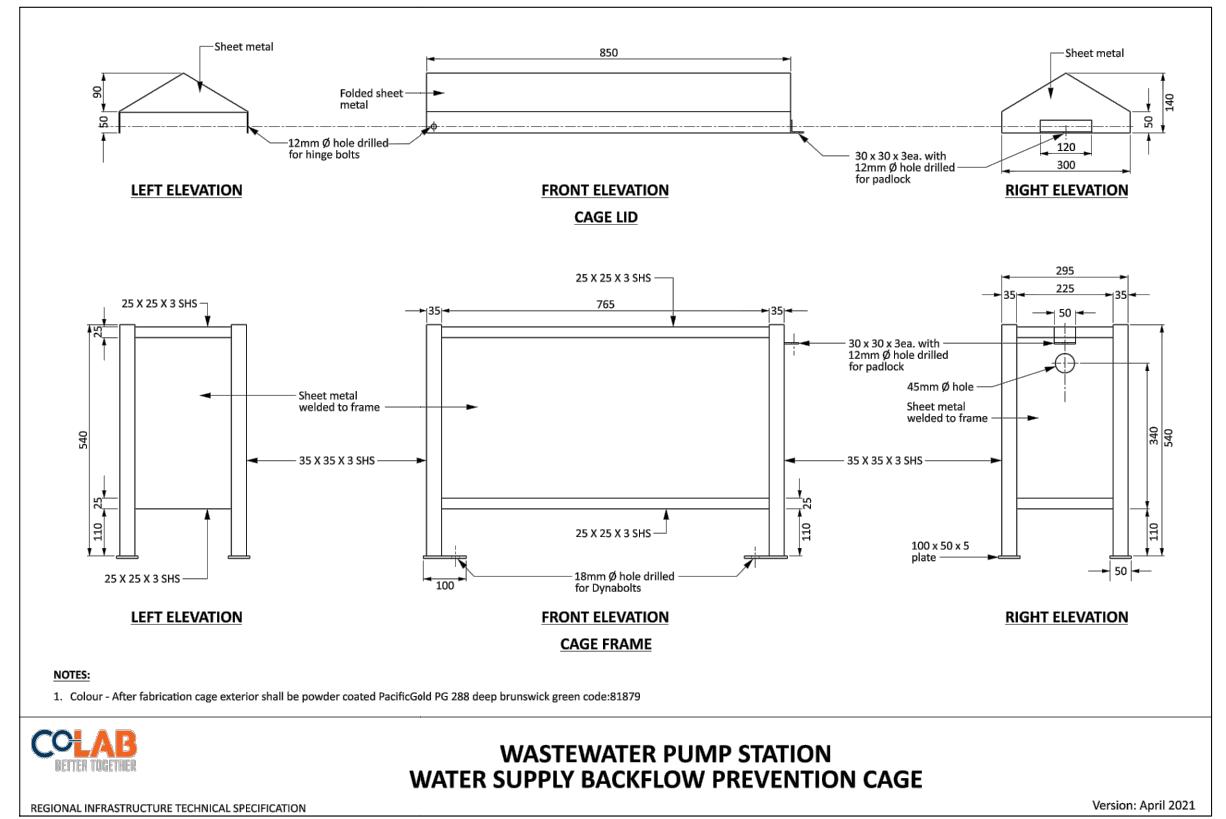
Project no.	J00606
Scale	NTS
Cad file	C5800-WW SD DETAILS.DWG
Drawing no.	C5803

Rev **B**



Notes

1. All works to be in accordance with local council standards.
2. All bends and connections to be no more than 45°
3. All connections to existing drains shall be carried out by a licensed Drainlayer/Plumber.
4. Drainage shall comply in full with E1/AS1 building code for storm water.
5. All cesspits shall have half siphons installed.
6. All sanitary waste drains shall be uPVC to AS/NZS 1260.
7. Sewer shall comply in full with AS/NZS 3500.2 - 2003 and/or G13 Building Code
8. Refer to Hydraulic engineers drawings for building plumbing beyond that shown including down pipe sizes.
9. All pipes shall be SN16 grade unless otherwise stated.
10. Drainlayer shall locate and confirm connection invert before starting building works.
11. Plans to be read in conjunction with Hydraulic Engineers and differences shall be clarified before contractor starts.
12. 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	MS	01/25

Rev	Description	By	Date
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	By	Date
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Survey	MAVEN	10/2024
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Design	MS	12/2024
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Drawn	MS	12/2024
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Checked	SB	12/2024
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	Maven Matamata matamatainfo@maven.co.nz www.maven.co.nz 8 Tainui Street, Matamata New Zealand
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Project
ASHBOURNE
RETIREMENT VILLAGE
MATAMATA
FOR
UNITY DEVELOPMENT LTD

Title
PROPOSED WW
STANDARD DETAIL PLAN
SHEET 5 OF 5

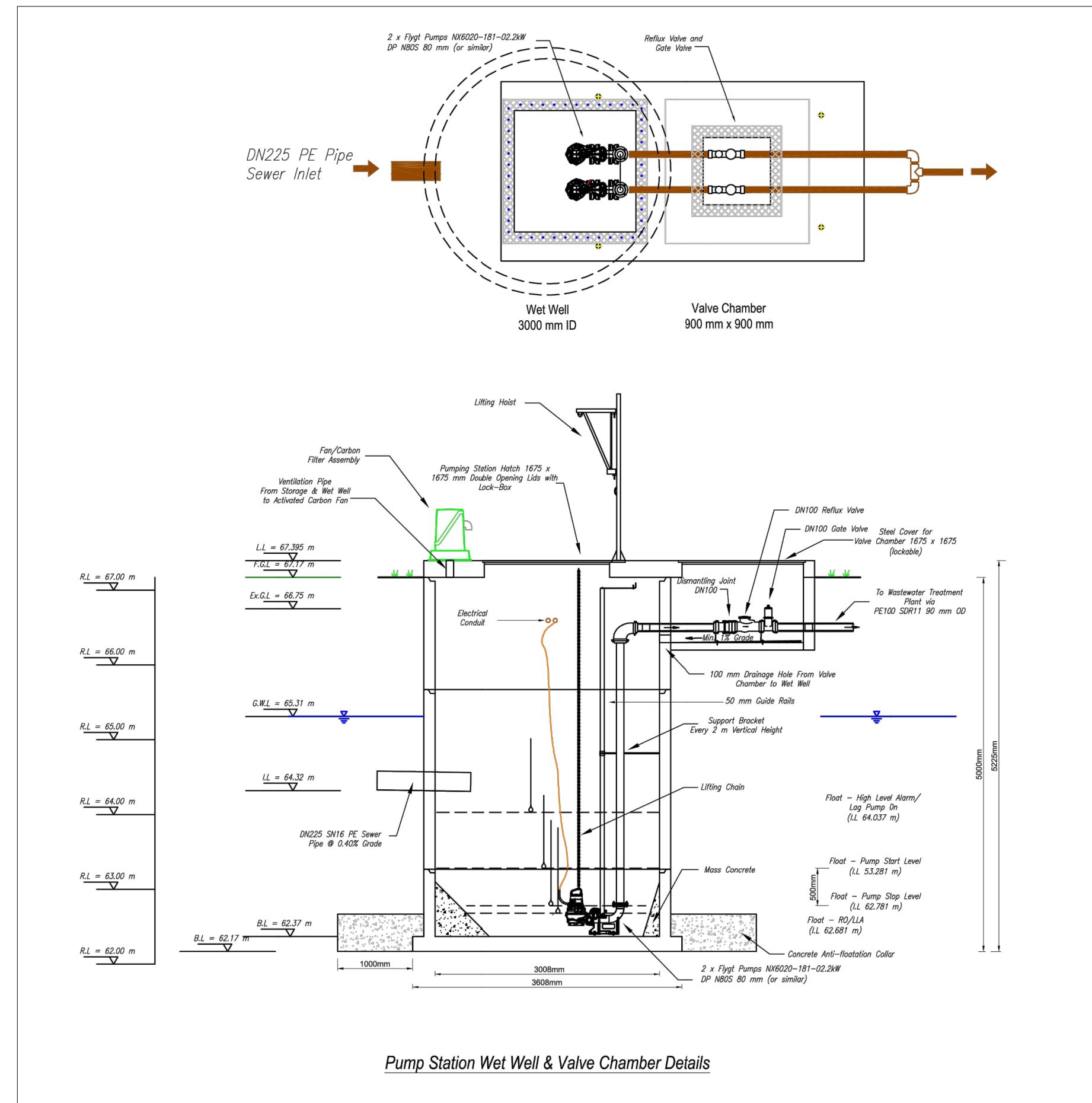
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Scale	NTS
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Cad file	C5800 -WW SD DETAILS.DWG
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Drawing no.	C5804	Rev	B
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FOR CONSENT



FOR CONSENT

Notes

1. All works to be in accordance with local council standards.
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A	FOR CONSENT	KQ	06/25
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2024
Design	KQ		06/2025
Drawn	KQ		06/2025
Checked	SB		06/2025



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

Title
**PROPOSED WW
PUMP STATION
STANDARD DETAIL PLAN**

Project no.	J00606	
Scale	NTS	
Cad file	C5900 -WW PS SD DETAILS.DWG	
Drawing no.	C5900	Rev A