PROPOSED
NORTHERN SOLAR FARM

STATION ROAD

STATION ROAD

C500-1

C500-2

C500-3

C500-4

C500-5

C500-6

C500-7

C500-8

C500-9

C500-10

BALANCE LOT

PROPOSED
RETIREMENT VILLAGE

PROPOSED GREENWAY

PROPOSED
SOUTHERN SOLAR FARM

RESOURCE CONSENT

DATE: 11/7/25 FILEPATH: F:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL\C500\WASTEWATER.DWG

Notes

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Legend

- EX BOUNDARY
- PROP BOUNDARY
- EX WASTEWATER
- PR WASTEWATER
- WW RISING MAIN
- EX/PROP WWMH
- WW LOT CONNECTION

Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025

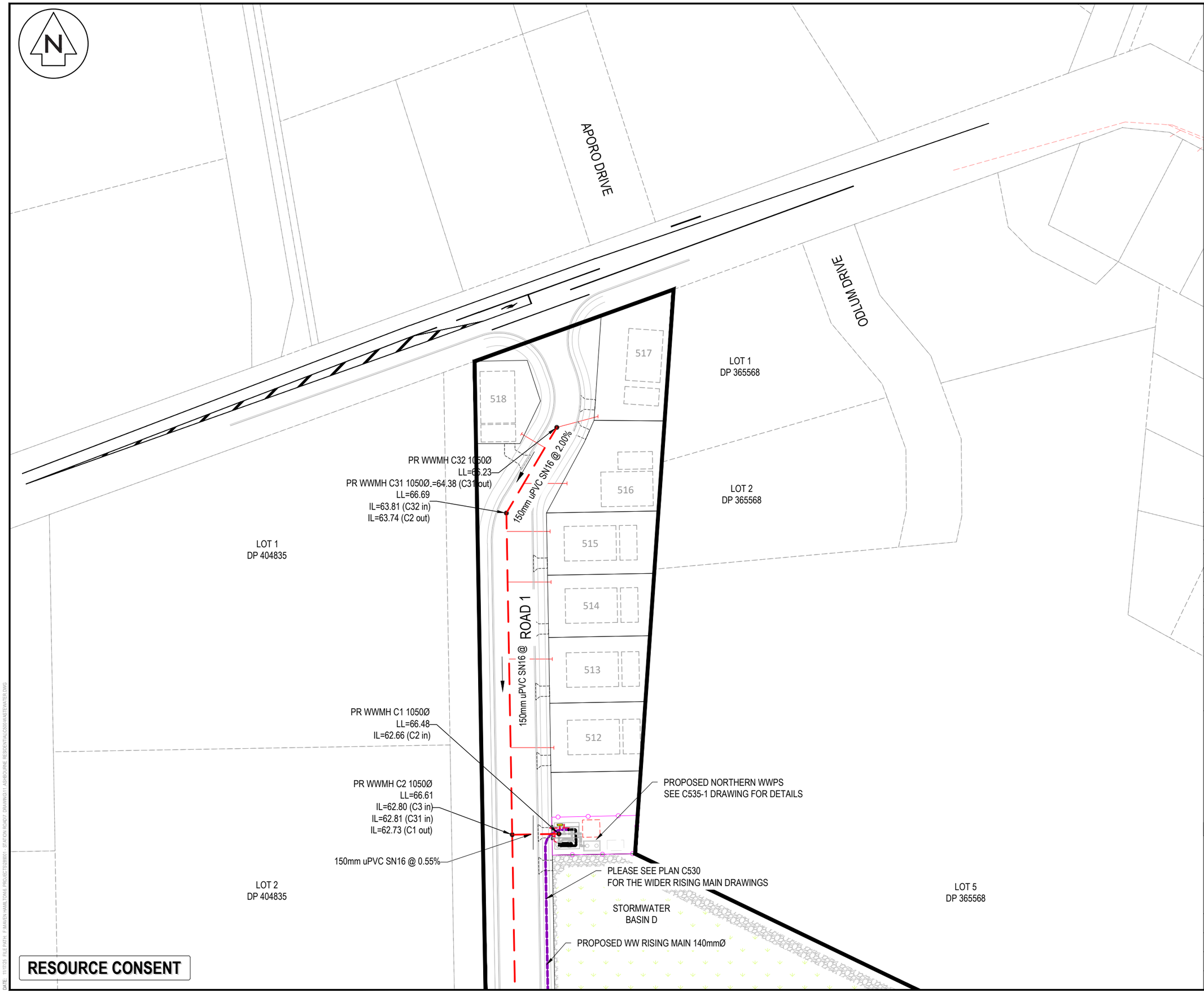
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER DRAINAGE OVERVIEW PLAN

Project no.	289001		
Scale	1:6000 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500	Rev	E



RESOURCE CONSENT

DATE: 11/17/25 FILE PATH: F:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL\C500\WASTEWATER.DWG

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E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	MKS	11/2024
Drawn	MKS	11/2024
Checked	DJM	06/2025

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

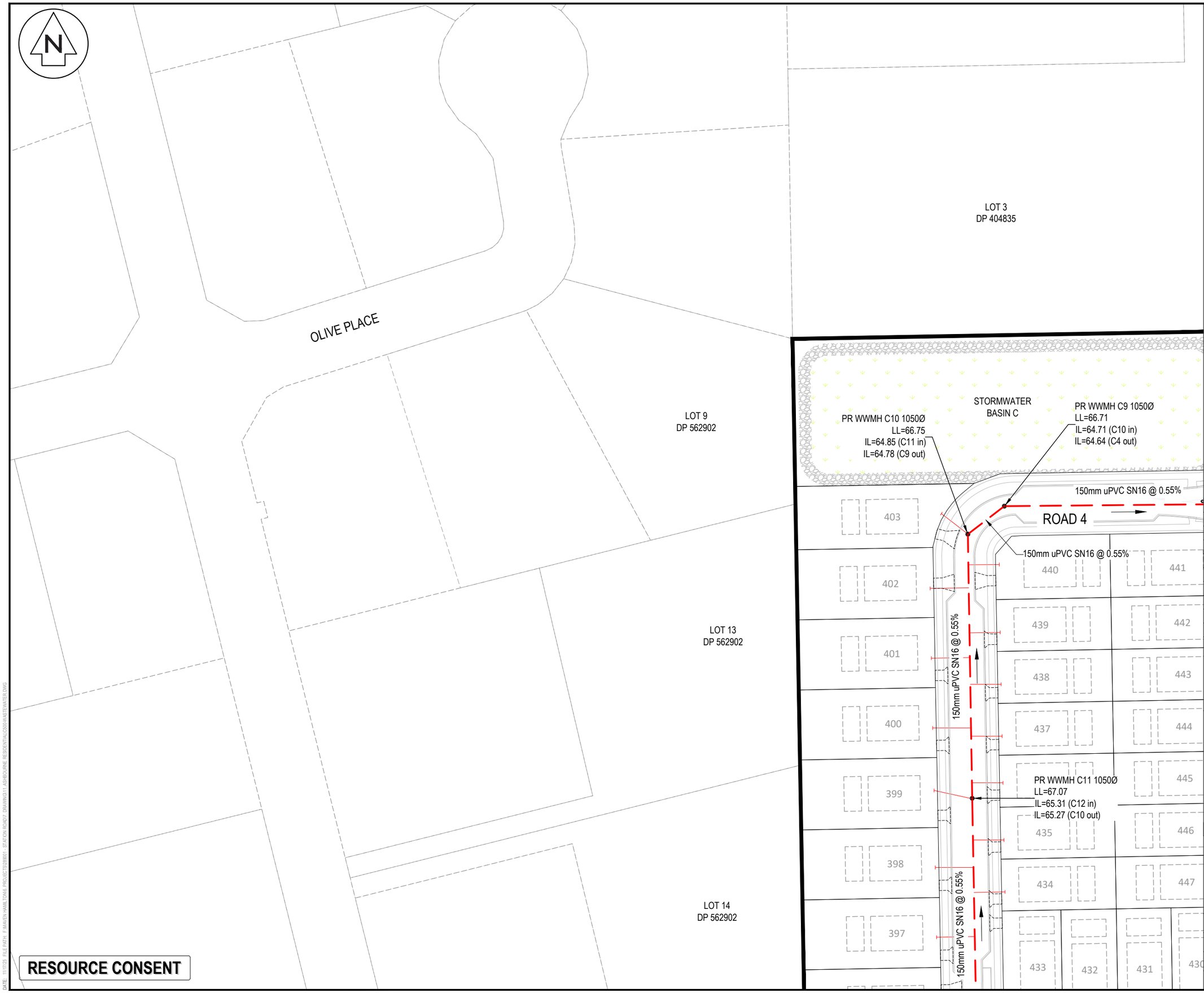
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WASTEWATER DRAINAGE PLAN

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-1	Rev	E



RESOURCE CONSENT

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- EX/PROP WWMH
- WW LOT CONNECTION

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C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WASTEWATER DRAINAGE PLAN

Project no.	289001
Scale	1:1000 @ A3
Cad file	C500-WASTEWATER.DWG
Drawing no.	C500-2 Rev E

PROPOSED WW RISING MAIN 140mmØ

STORMWATER BASIN D

PR WWMH C3 1050Ø
LL=67.22
IL=63.37 (C4 in)
IL=63.40 (C17 in)
IL=63.33 (C2 out)

PR WWMH C17 1050Ø
LL=66.59
IL=63.83 (C18 in)
IL=63.86 (C26 in)
IL=63.79 (C3 out)

PR WWMH C18 1050Ø
LL=66.42
IL=64.11 (C19 in)
IL=64.07 (C17 out)

PR WWMH C19 1050Ø
LL=66.59
IL=64.30 (C20 in)
IL=64.42 (C27 in)
IL=64.26 (C18 out)

PR WWMH C28 1050Ø
LL=66.77
IL=65.01 (C29 in)
IL=64.94 (C20 out)

PR WWMH C29 1050Ø
LL=66.91
IL=65.20 (C28 out)

PR WWMH C20 1050Ø
LL=66.86
IL=64.58 (C21 in)
IL=64.75 (C28 in)
IL=64.51 (C19 out)

PR WWMH C26 1050Ø
LL=67.25
IL=65.09 (C17 out)

PR WWMH C27 1050Ø
LL=66.91
IL=65.20 (C19 out)

PR WWMH C21 1050Ø
LL=66.96
IL=64.72 (C22 in)
IL=64.66 (C20 out)

PR WWMH C22 1050Ø
LL=67.30
IL=64.98 (C23 in)
IL=64.94 (C21 out)

PR WWMH C16 1050Ø
LL=67.49
IL=64.92 (C4 out)

PR WWMH C4 1050Ø
LL=67.74
IL=64.21 (C5 in)
IL=64.25 (C9 in)
IL=64.24 (C16 in)
IL=64.17 (C3 out)

PR WWMH C30 1050Ø
LL=67.85
IL=66.03 (C23 out)

PR WWMH C5 1050Ø
LL=68.21
IL=64.67 (C6 in)
IL=64.63 (C4 out)

PR WWMH C23 1050Ø
LL=67.74
IL=65.57 (C24 in)
IL=65.60 (C30 in)
IL=65.53 (C22 out)

PLEASE SEE PLAN C530
FOR THE WIDER RISING MAIN DRAWINGS

ROAD 1
ROAD 2
ROAD 3

150mm uPVC SN16 @ 0.55%
150mm uPVC SN16 @ 0.86%
150mm uPVC SN16 @ 3.00%
150mm uPVC SN16 @ 2.94%
150mm uPVC SN16 @ 1.04%
150mm uPVC SN16 @ 1.00%
150mm uPVC SN16 @ 0.59%
150mm uPVC SN16 @ 0.67%
150mm uPVC SN16 @ 0.83%

LOT 18 DP 386534
LOT 20 DP 386534
LOT 24 DP 386534
LOT 26 DP 386534
LOT 28 DP 386534

ELDONWOOD DRIVE

RESOURCE CONSENT

N

Notes

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Legend

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- EX WASTEWATER
- PR WASTEWATER
- WW RISING MAIN
- EX/PROP WWMH
- WW LOT CONNECTION

Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025

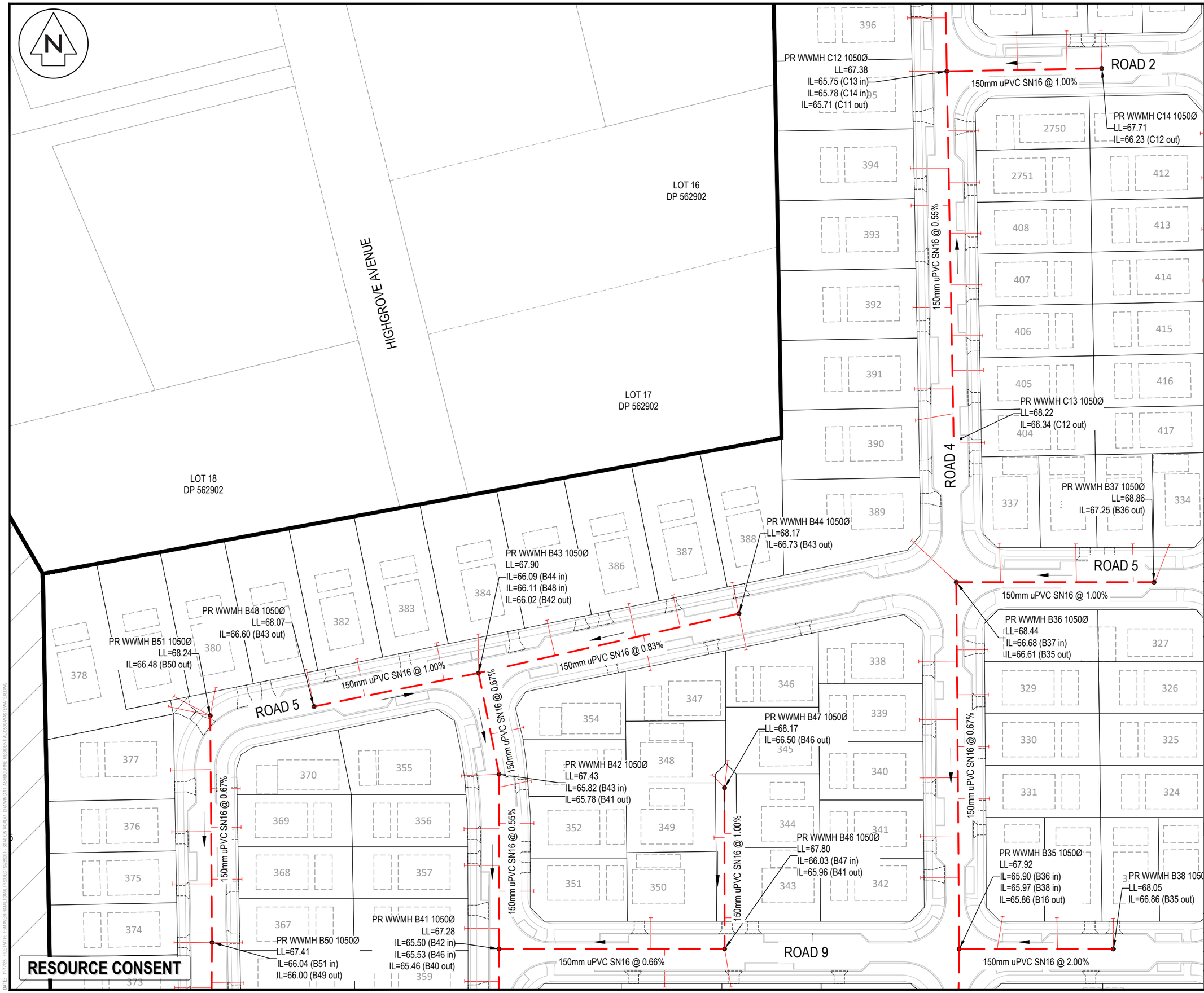
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER DRAINAGE PLAN

Project no.	289001
Scale	1:1000 @ A3
Cad file	C500-WASTEWATER.DWG
Drawing no.	C500-3 Rev E



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B	FAST TRACK APP	RJM	04/2025

	By	Date
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Drawn	MKS	04/2025
Checked	DJM	06/2025

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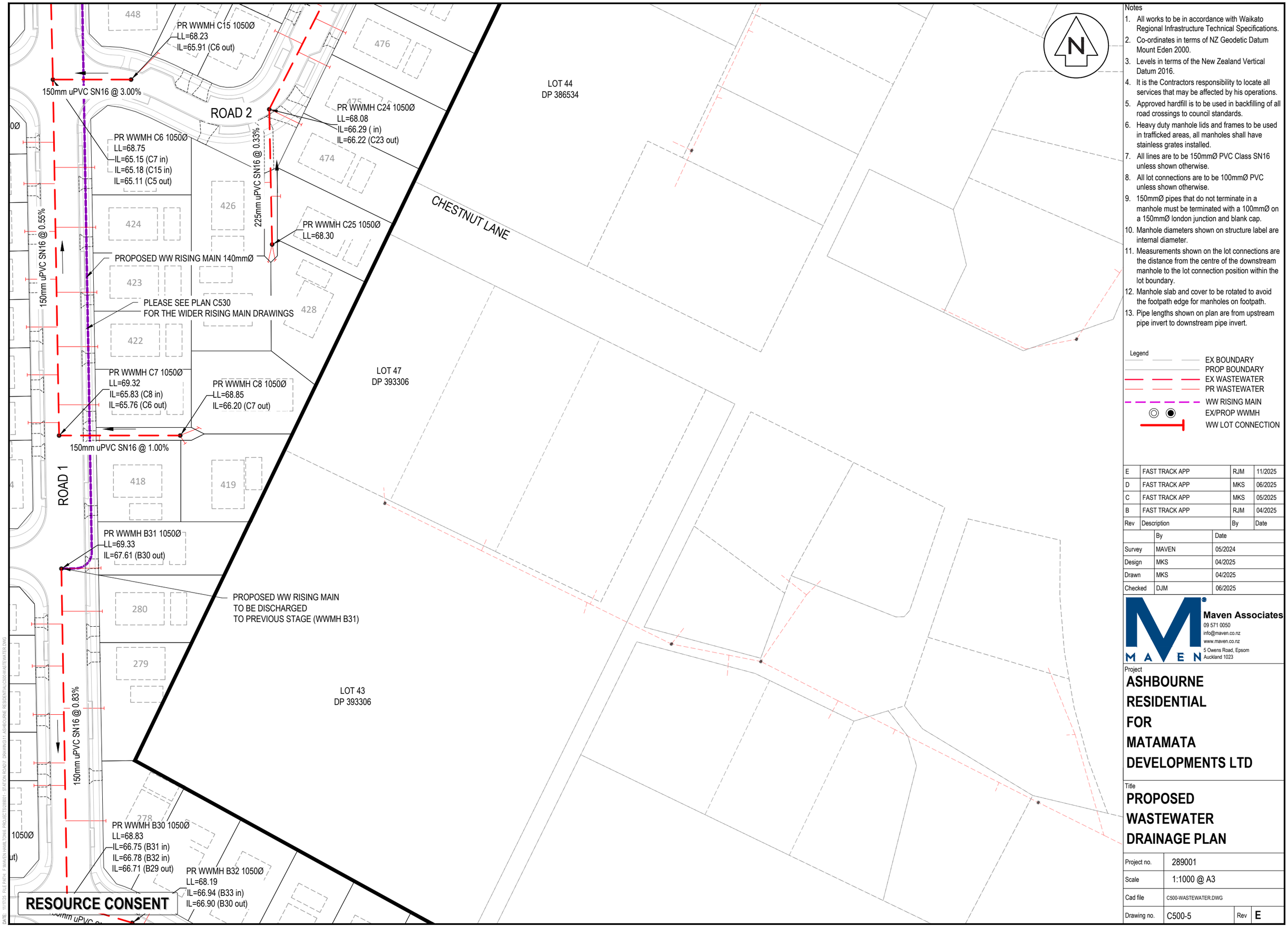
Project no.	289001
Scale	1:1000 @ A3
Cad file	C500-WASTEWATER.DWG
Drawing no.	C500-4
Rev	E



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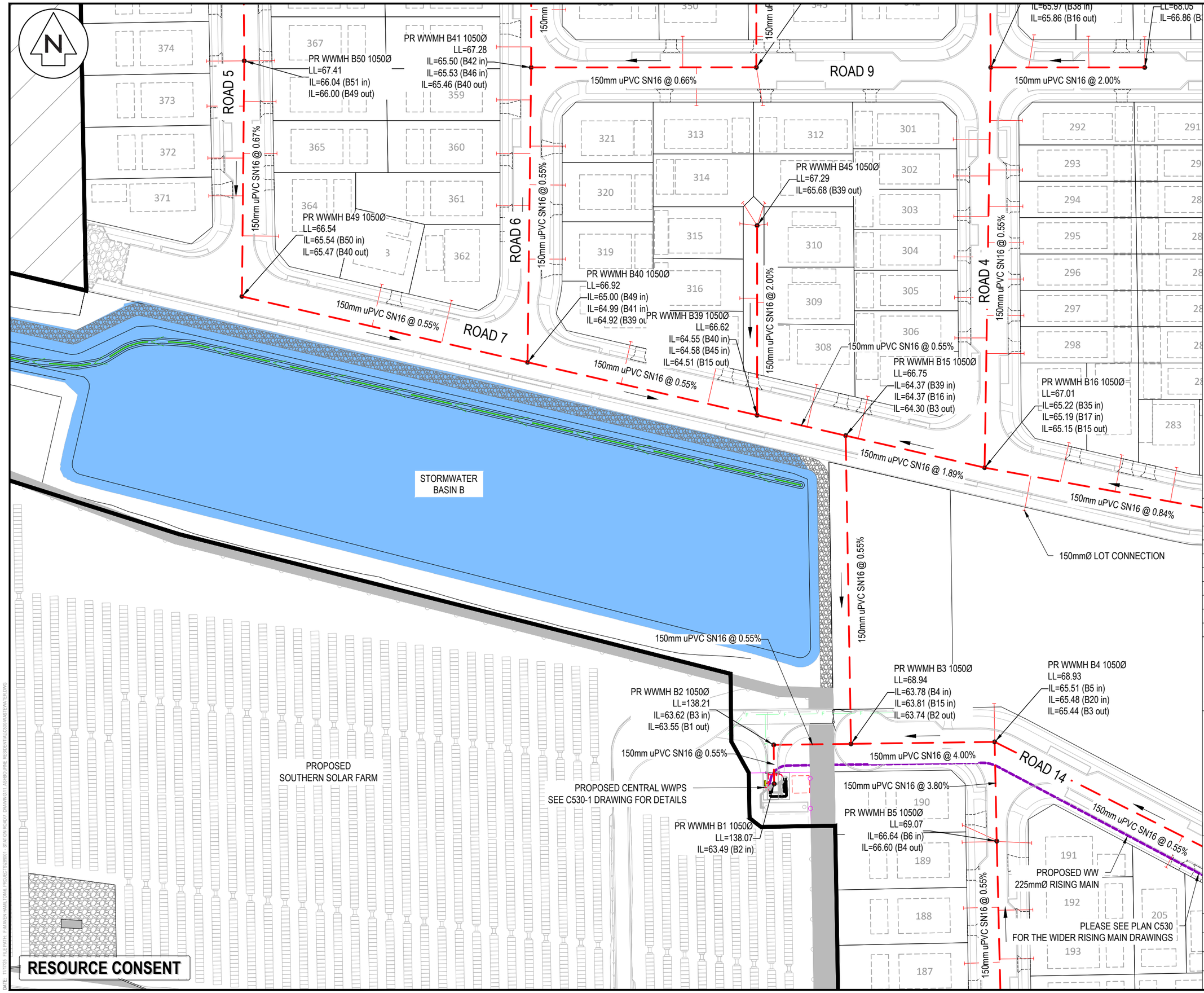
Scale	1:1000 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-5	Rev	E



RESOURCE CONSENT

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Drawn	MKS	04/2025
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PROPOSED WASTEWATER DRAINAGE PLAN

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-6	Rev	E

LOT 36
DP 393306

LOT 40
DP 393306

ROAD 1

ROAD 9

ROAD 10

ROAD 11

ROAD 12

ROAD 14

150mm uPVC SN16 @ 0.55%

150mm uPVC SN16 @ 0.83%

150mm uPVC SN16 @ 0.67%

150mm uPVC SN16 @ 1.98%

150mm uPVC SN16 @ 1.69%

150mm uPVC SN16 @ 1.00%

150mm uPVC SN16 @ 0.56%

50mm uPVC SN16 @ 0.55%

PR WWMH B33 1050Ø
LL=69.09
IL=67.56 (B34 in)
IL=67.52 (B32 out)

PR WWMH B28 1050Ø
LL=68.49
IL=67.56 (B19 out)

PR WWMH B34 1050Ø
LL=69.54
IL=68.32 (B33 out)

PR WWMH A2-12 1050Ø
LL=69.73
IL=67.21 (A2-3 out)

PR WWMH B29 1050Ø
LL=67.98
IL=66.06 (B30 in)
IL=65.99 (B17 out)

PR WWMH B27 1050Ø
LL=68.80
IL=67.78 (B25 out)

PR WWMH B17 1050Ø
LL=67.77
IL=65.95 (B18 in)
IL=65.91 (B29 in)
IL=65.88 (B16 out)

PR WWMH A2-14 1050Ø
LL=69.29
IL=67.09 (A2-13 out)

PR WWMH B19 1050Ø
LL=68.35
IL=66.41 (B24 in)
IL=66.67 (B25 in)
IL=66.90 (B28 in)
IL=66.34 (B18 out)

PR WWMH B18 1050Ø
LL=68.15
IL=66.16 (B19 in)
IL=66.12 (B17 out)

PR WWMH A2-11 1050Ø
LL=68.61
IL=65.96 (A2-4 out)

PR WWMH B24 1050Ø
LL=68.09
IL=66.80 (B19 out)

PR WWMH B26 1050Ø
LL=68.88
IL=67.73 (B25 out)

PR WWMH B25 1050Ø
LL=68.70
IL=67.10 (B26 in)
IL=67.13 (B27 in)
IL=67.06 (B19 out)

PR WWMH B20 1050Ø
LL=68.32
IL=66.09 (B21 in)
IL=66.06 (B22 in)
IL=66.02 (B4 out)

PR WWMH A2-13 1050Ø
LL=69.07
IL=66.51 (A2-14 in)
IL=66.44 (A2-6 out)

PR WWMH A2-6 1050Ø
LL=68.56
IL=66.18 (A2-13 in)
IL=66.21 (A2-7 in)
IL=66.14 (A2-5 out)

PR WWMH A2-4 1050Ø
LL=66.60
IL=65.38 (A2-5 in)
IL=65.40 (A2-11 in)
IL=65.34 (A2-3 out)

PR WWMH B22 1050Ø
LL=68.52
IL=66.59 (B23 in)
IL=66.55 (B20 out)

PLEASE SEE PLAN C530
FOR THE WIDER RISING MAIN DRAWINGS

PR WWMH A2-5 1050Ø
LL=67.44
IL=65.77 (A2-6 in)
IL=65.74 (A2-9 in)
IL=65.70 (A2-4 out)

PR WWMH B23 1050Ø
LL=68.91

PROPOSED WW
225mmØ RISING MAIN

RESOURCE CONSENT

DATE: 11/7/25 FILEPATH: P:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\7 DRAWING\11 ASHBOURNE RESIDENTIAL\C500\WASTEWATER.DWG

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Legend

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09 571 0050
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Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER DRAINAGE PLAN

Project no.	289001
Scale	1:1000 @ A3
Cad file	C500-WASTEWATER.DWG
Drawing no.	C500-7
Rev	E

N

ELDONWOOD DRIVE

LOT 40
DP 393306

R WWMH B34 1050Ø
=69.54
=68.32 (B33 out)

PR WWMH A2-12 1050Ø
LL=69.73
IL=67.21 (A2-3 out)

ROAD 9

PR WWMH A2-14 1050Ø
LL=69.29
IL=67.09 (A2-13 out)

150mm uPVC SN16 @ 1.98%

PR WWMH A2-11 1050Ø
LL=68.61
IL=65.96 (A2-4 out)

150mm uPVC SN16 @ 1.00%

PR WWMH A2-6 1050Ø
LL=68.56
IL=66.18 (A2-13 in)
IL=66.21 (A2-7 in)
IL=66.14 (A2-5 out)

150mm uPVC SN16 @ 0.55%

PR WWMH A2-4 1050Ø
LL=66.60
IL=65.38 (A2-5 in)
IL=65.40 (A2-11 in)
IL=65.34 (A2-3 out)

150mm uPVC SN16 @ 0.56%

150mm uPVC SN16 @ 0.55%

PR WWMH A2-2 1050Ø
LL=66.74
IL=64.71 (A2-3 in)
IL=64.64 (A2-1 out)

150mm uPVC SN16 @ 0.55%

PR WWMH A2-3 1050Ø
LL=66.95
IL=64.97 (A2-4 in)
IL=65.00 (A2-12 in)
IL=64.93 (A2-2 out)

STORMWATER
BASIN A

LOT 106
DP 393306

PR WWMH A2-1 1050Ø
LL=68.56
IL=64.28 (A2-2 in)
IL=64.24 (A2-0 out)

150mm uPVC SN16 @ 0.55%

PR WWMH A2-0 1050Ø
LL=67.62
IL=64.02 (A2-1 in)

LOT 14
DP 584421

LOT 15
DP 584421

LOT 16
DP 584421

LOT 17
DP 584421

LOT 18
DP 584421

LOT 19
DP 584421

PEAKEDALE DRIVE

RESOURCE CONSENT

DATE: 11/17/25 FILE PATH: F:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\7. DRAWING IT\ASHBOURNE RESIDENTIAL\C500-WASTEWATER.DWG

Notes

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Legend

- EX BOUNDARY
- PROP BOUNDARY
- EX WASTEWATER
- PR WASTEWATER
- WW RISING MAIN
- EX/PROP WWMH
- WW LOT CONNECTION

Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025

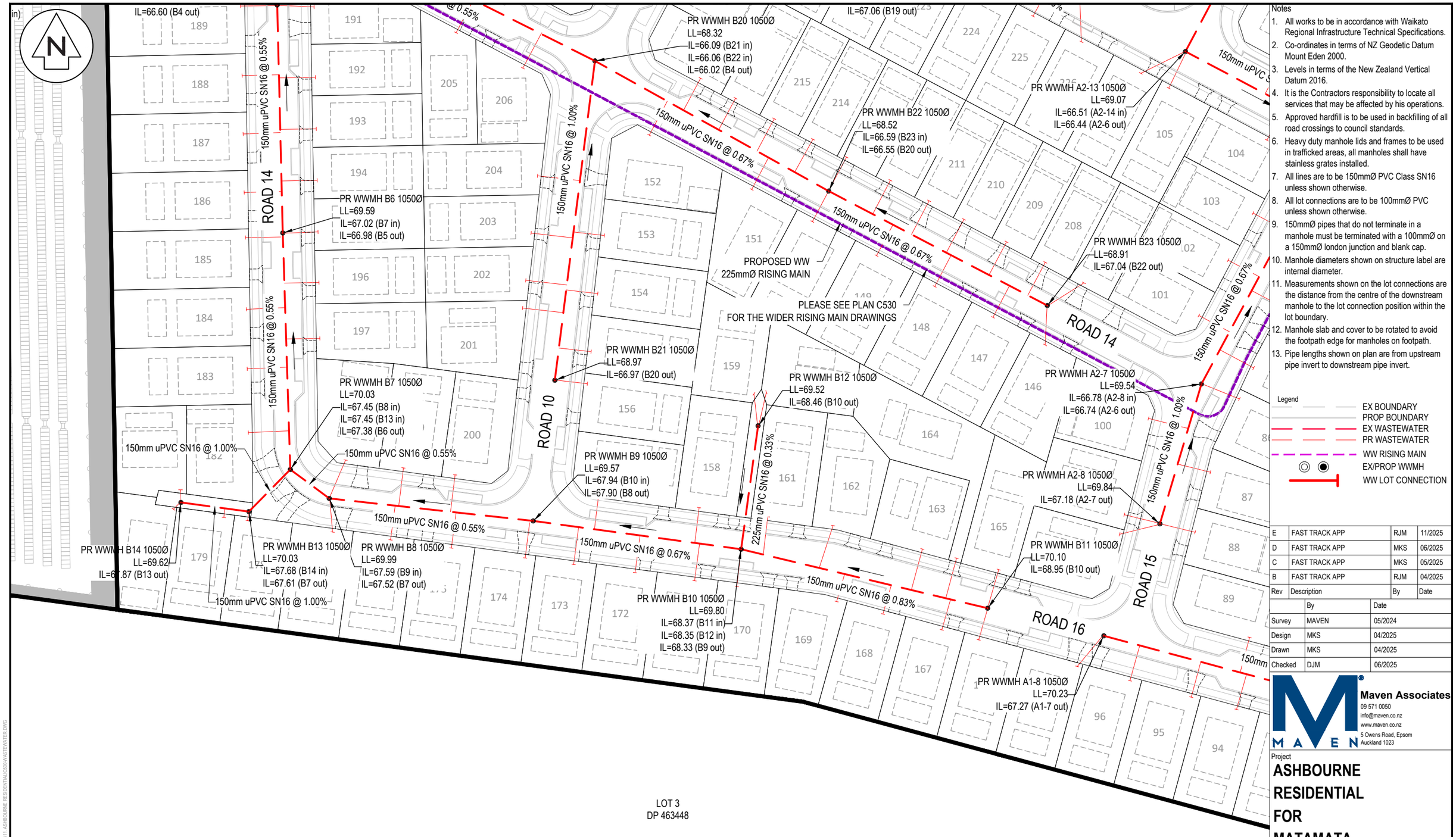
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER DRAINAGE PLAN

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-8	Rev	E



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Legend

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Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

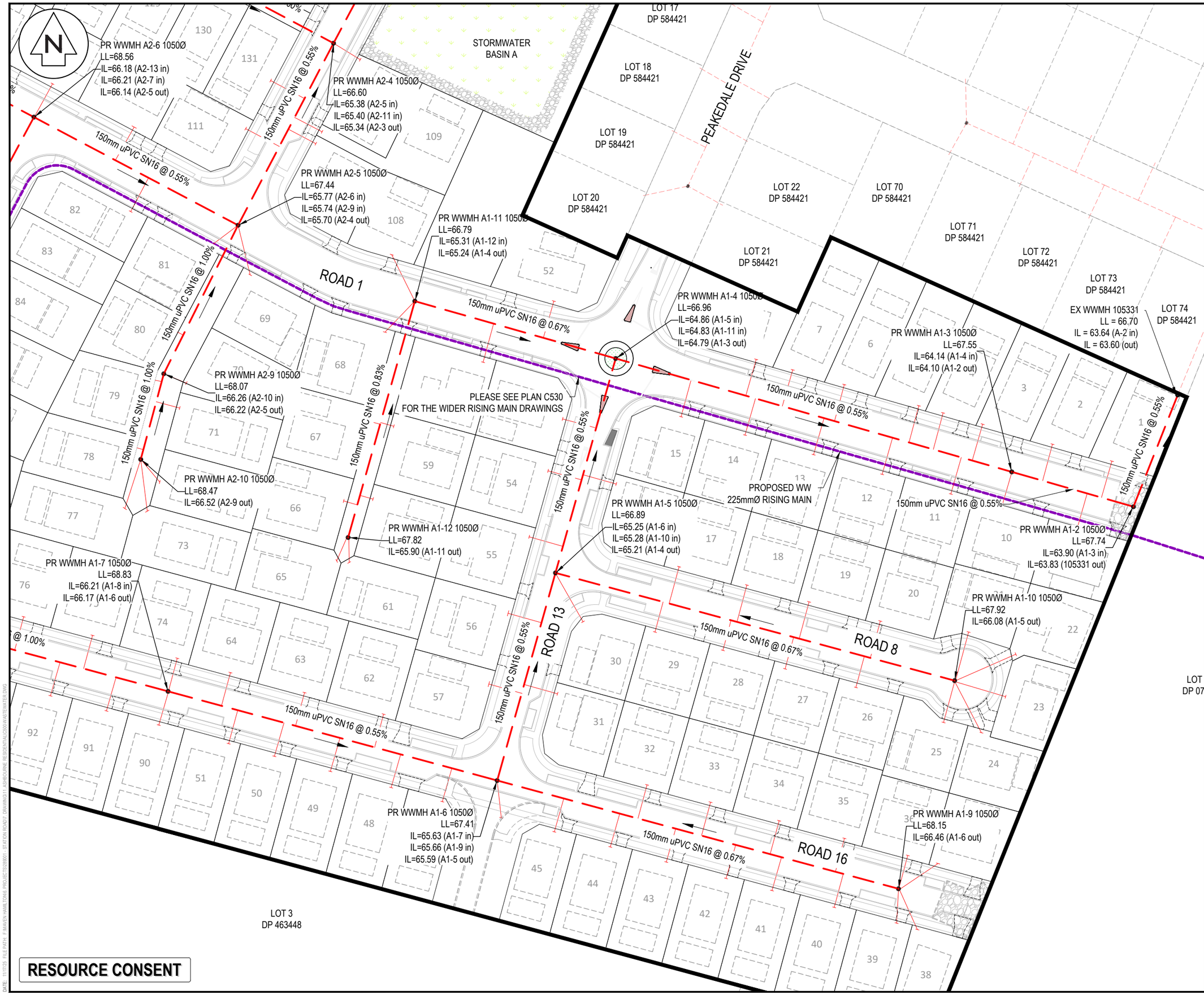
Title

PROPOSED WASTEWATER DRAINAGE PLAN

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-9	Rev	E

RESOURCE CONSENT

DATE: 11/17/25 FILE PATH: P:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\11 ASHBOURNE RESIDENTIAL\C500-WASTEWATER.DWG



RESOURCE CONSENT

Notes

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Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project
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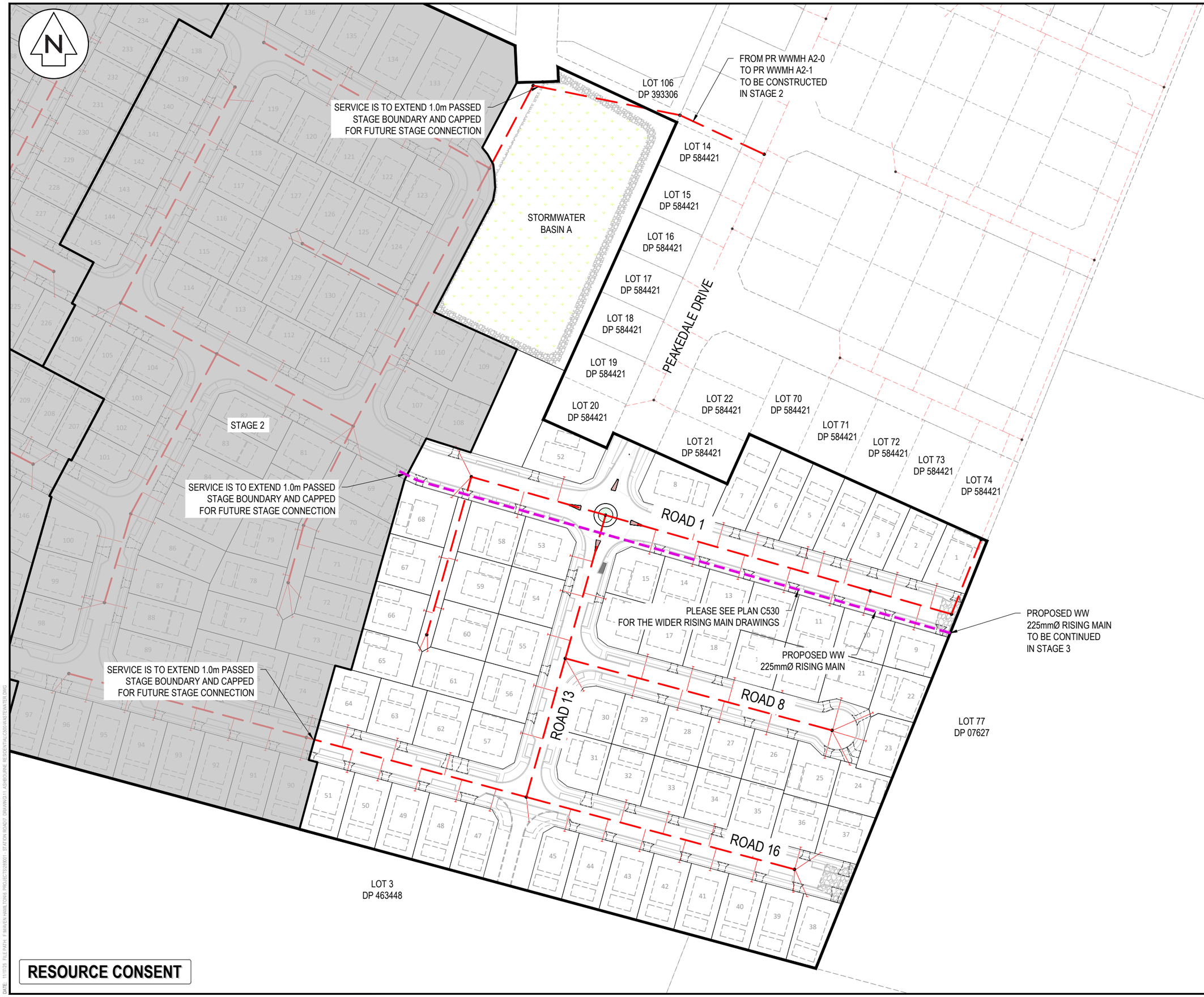
Title
PROPOSED WASTEWATER DRAINAGE PLAN

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-10	Rev	E



RESOURCE CONSENT

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Rev	Description	By	Date
C	FAST TRACK APP	RJM	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	MKS	05/2025

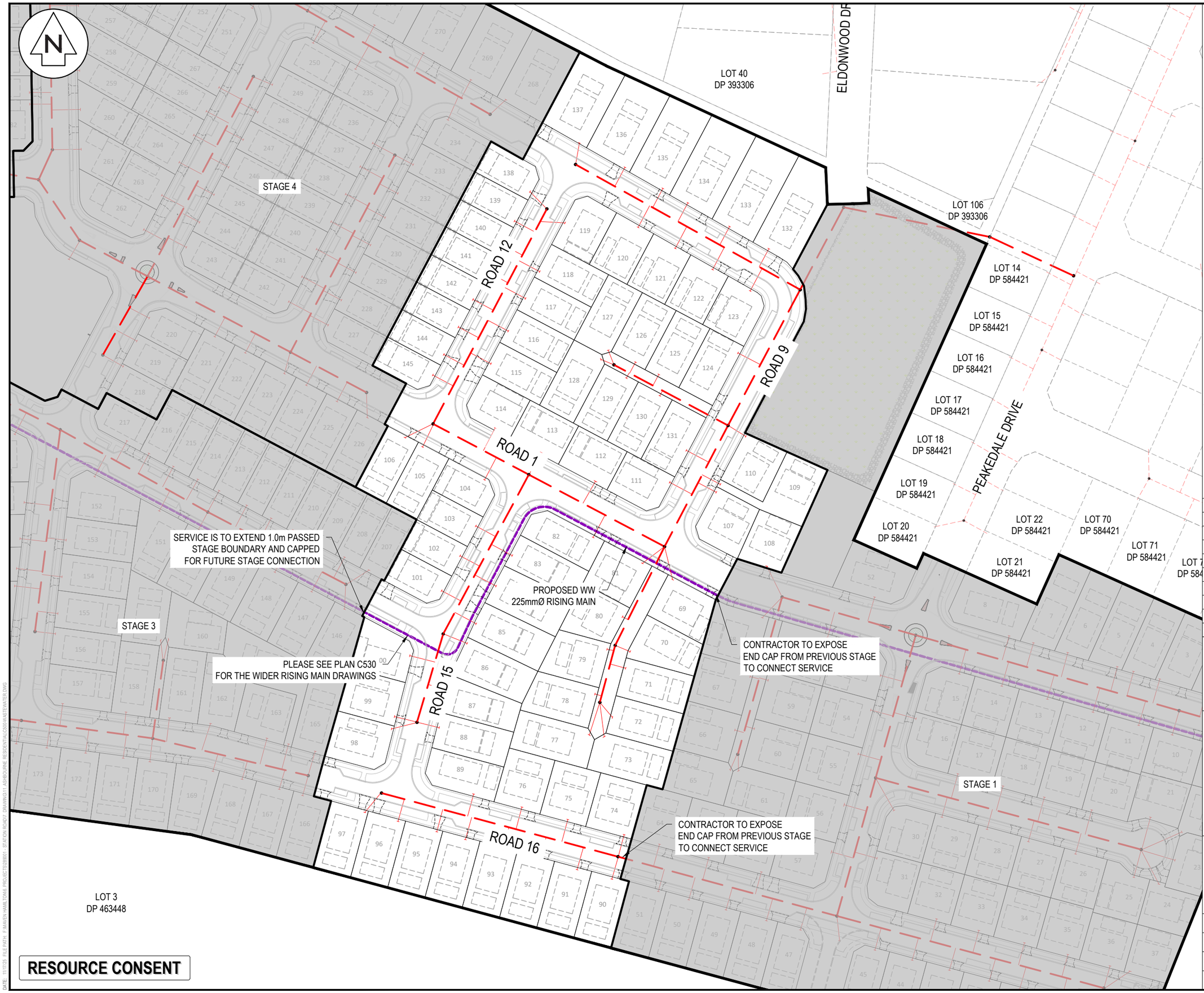
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER DRAINAGE PLAN STAGE 1

Project no.	289001
Scale	1:1500 @ A3
Cad file	C500-WASTEWATER.DWG
Drawing no.	C500-11
Rev	C



RESOURCE CONSENT

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Rev	Description	By	Date
C	FAST TRACK APP	RJM	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	MKS	05/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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09 571 0050
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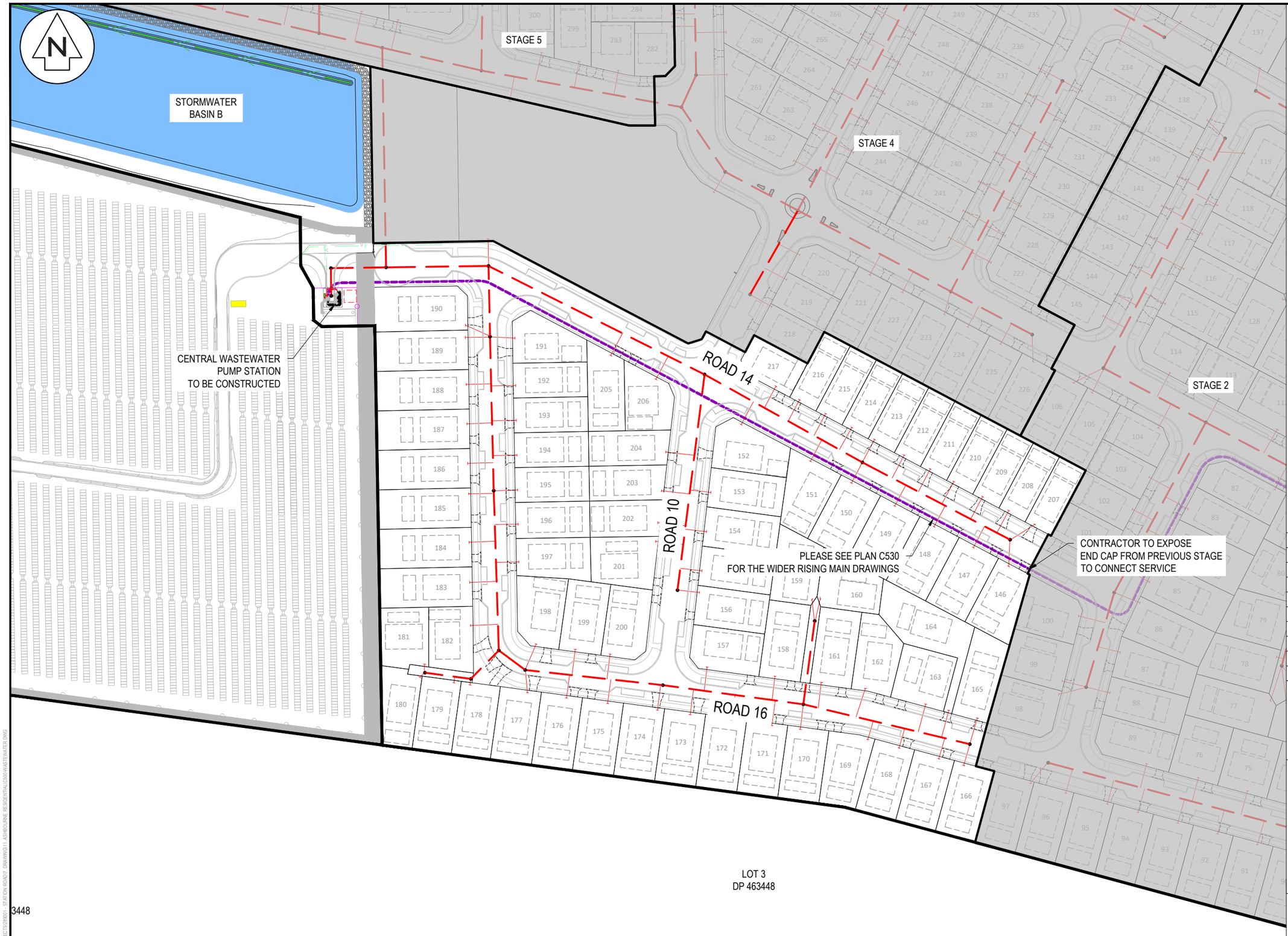
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WASTEWATER DRAINAGE PLAN STAGE 2

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-12	Rev	C



RESOURCE CONSENT

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Rev	Description	By	Date
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B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	MKS	05/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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Auckland 1023

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WASTEWATER DRAINAGE PLAN STAGE 3

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-13	Rev	C

STAGE 6

STAGE 5

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION

LOT 43
DP 393306

LOT 36
DP 393306

ROAD 1

ROAD 9

ROAD 11

ROAD 12

ROAD 10

COMMERCIAL HUB

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE

PROPOSED SOTHERN SOLAR FARM

STAGE 3

STAGE 2

RESOURCE CONSENT

DATE: 11/7/25 FILEPATH: F:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL\C500-WASTEWATER.DWG

Notes

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Rev	Description	By	Date
C	FAST TRACK APP	RJM	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	MKS	05/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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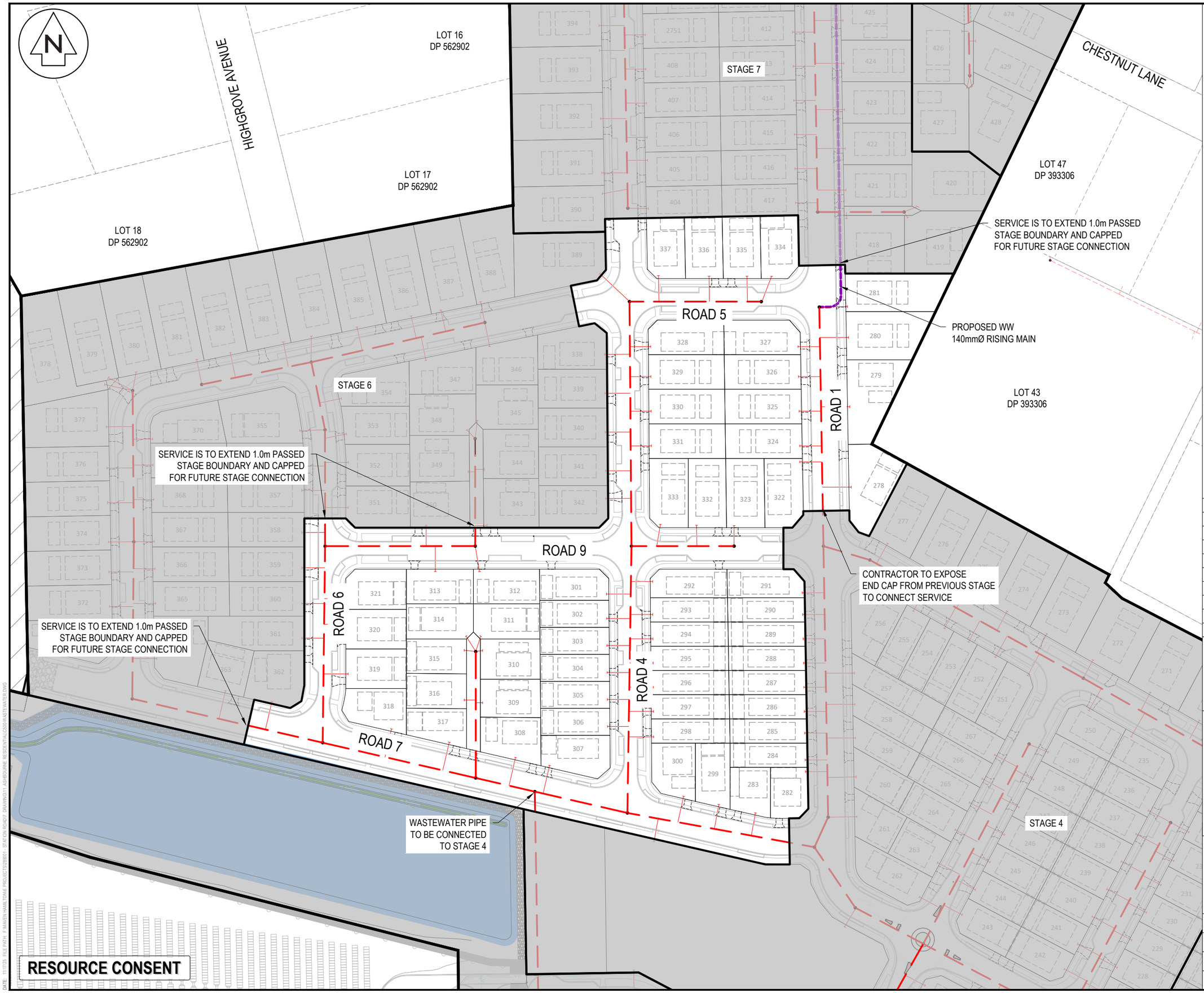
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER DRAINAGE PLAN STAGE 4

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-14	Rev	C



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Legend

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Rev	Description	By	Date
C	FAST TRACK APP	RJM	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	MKS	05/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WASTEWATER DRAINAGE PLAN STAGE 5

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-15	Rev	C

Notes

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Rev	Description	By	Date
C	FAST TRACK APP	RJM	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	MKS	05/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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09 571 0050
info@maven.co.nz
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5 Owens Road, Epsom
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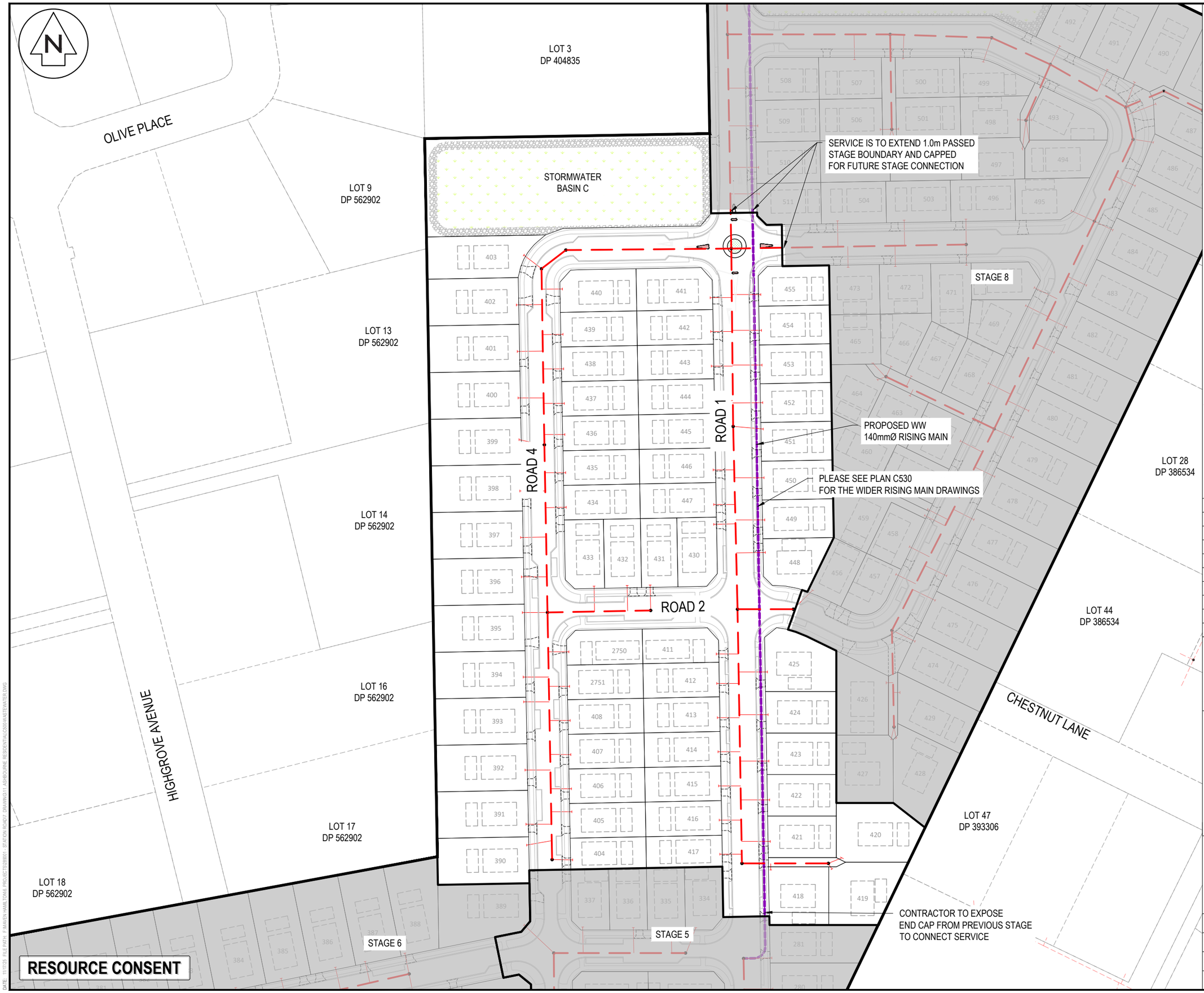
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WASTEWATER DRAINAGE PLAN STAGE 6

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-16	Rev	C



Notes

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Rev	Description	By	Date
C	FAST TRACK APP	RJM	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	MKS	05/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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09 571 0050
info@maven.co.nz
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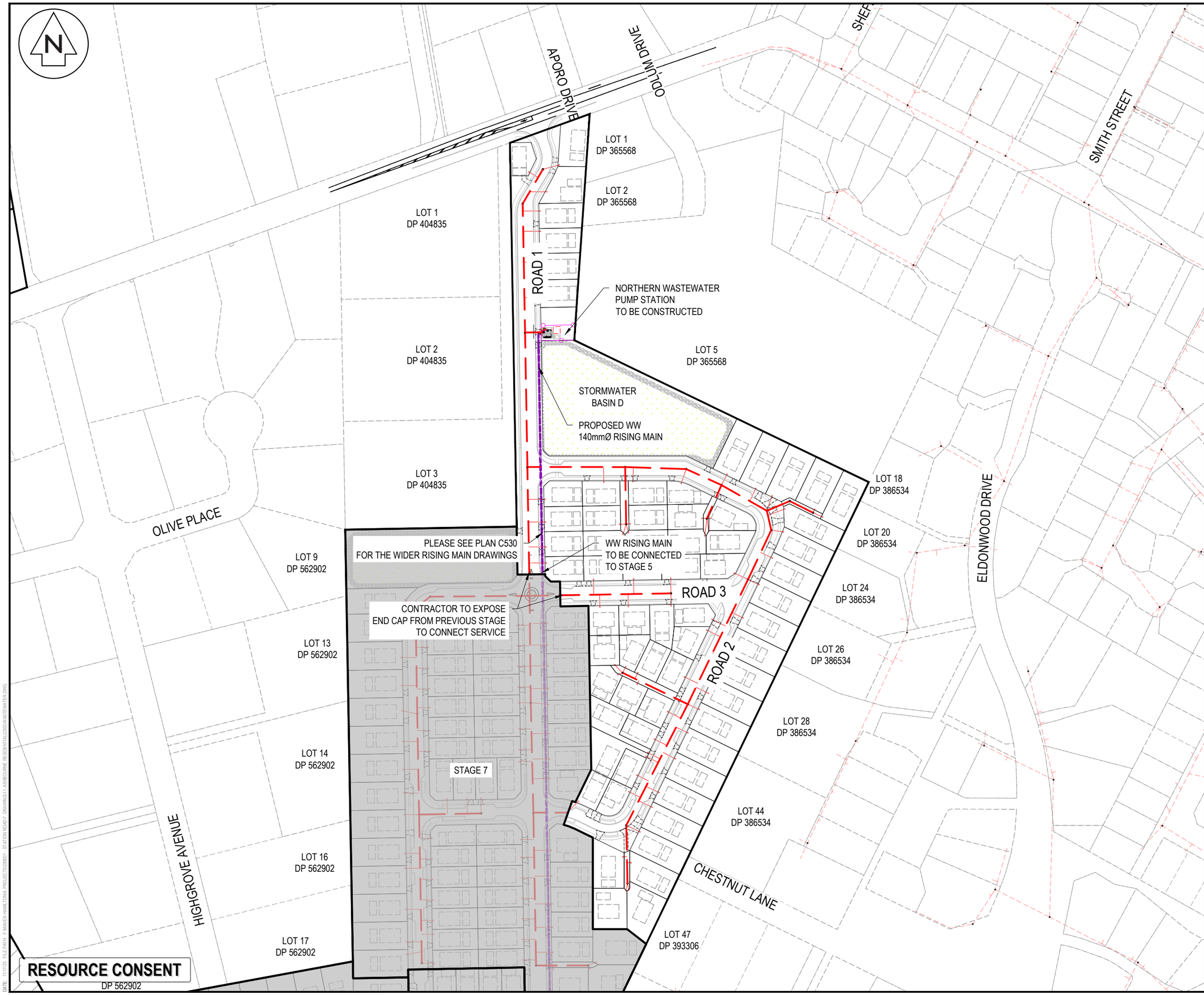
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER DRAINAGE PLAN STAGE 7

Project no.	289001
Scale	1:1500 @ A3
Cad file	C500-WASTEWATER.DWG
Drawing no.	C500-17 Rev C

DATE: 11/17/25 FILE PATH: F:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\11 ASHBOURNE RESIDENTIAL\C500-WASTEWATER.DWG



Notes

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12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend

- EX BOUNDARY
- PROP BOUNDARY
- EX WASTEWATER
- PR WASTEWATER
- WW RISING MAIN
- EX/PROP WWMH
- WW LOT CONNECTION

Rev	Description	By	Date
C	FAST TRACK APP	RJM	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	MKS	05/2025

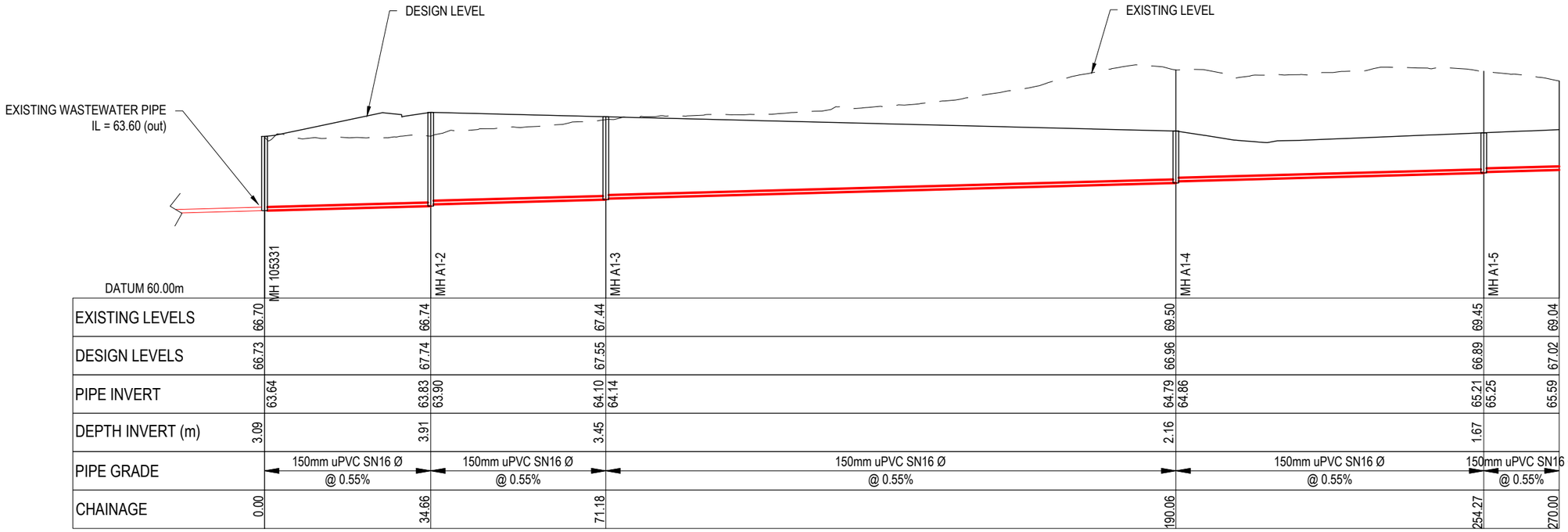
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

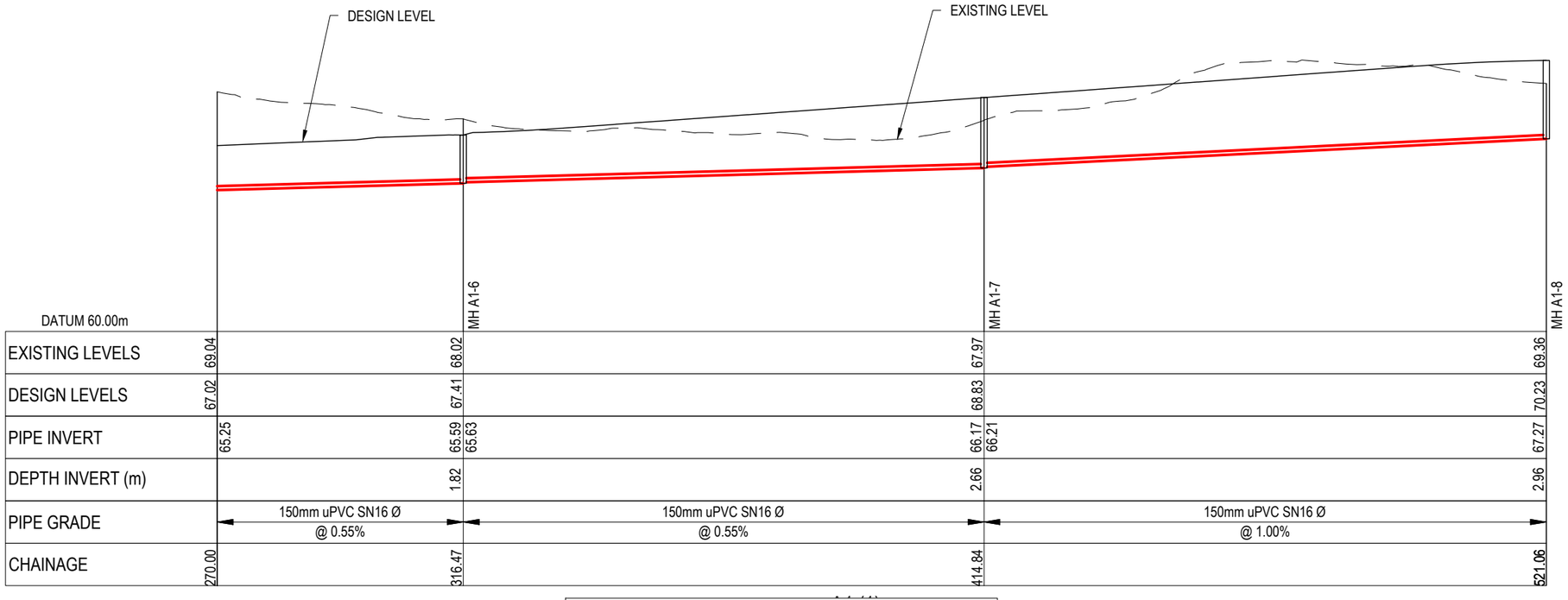
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER DRAINAGE PLAN STAGE 8

Project no.	289001		
Scale	1:2500 @ A3		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C500-18	Rev	C



LONGSECTION - CATCHMENT A1 - LINE 1
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



LONGSECTION - CATCHMENT A1 - LINE 1 CONT.
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes

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13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend

EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

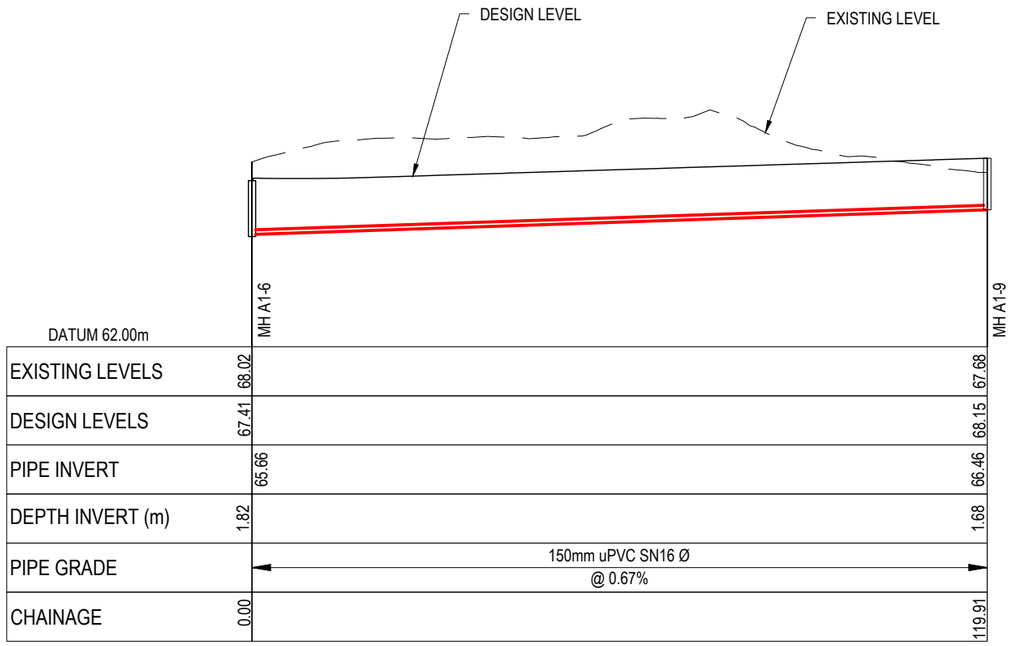
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

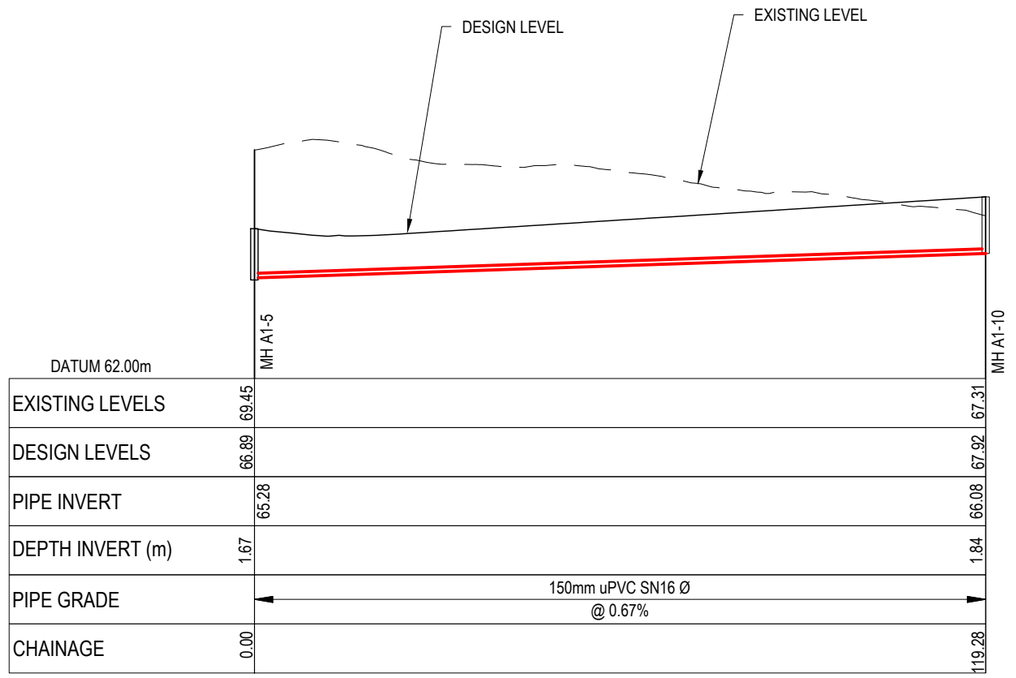
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-1	Rev	D



LONGSECTION - CATCHMENT A1 - LINE 2
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



LONGSECTION - CATCHMENT A1 - LINE 3
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes

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13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend

EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

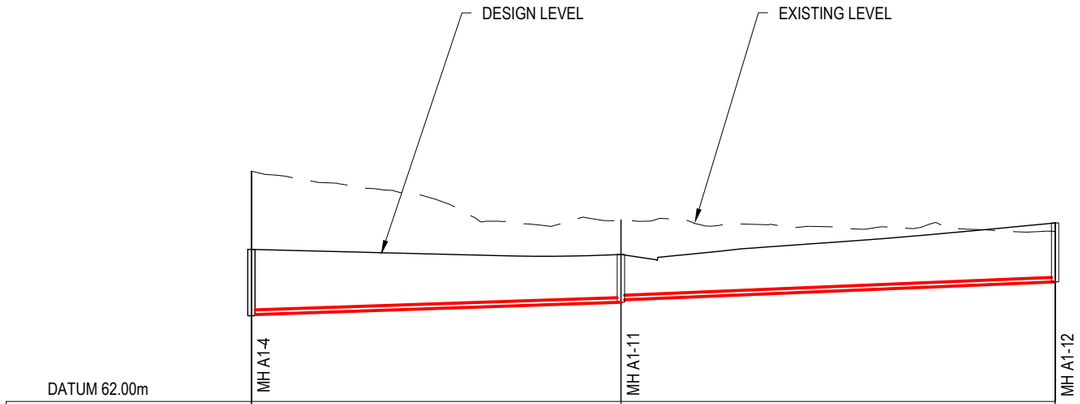
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001
Scale	AS SHOWN
Cad file	C500-WASTEWATER.DWG
Drawing no.	C520-2 Rev D



LONGSECTION - CATCHMENT A1 - LINE 4
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
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Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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Auckland 1023

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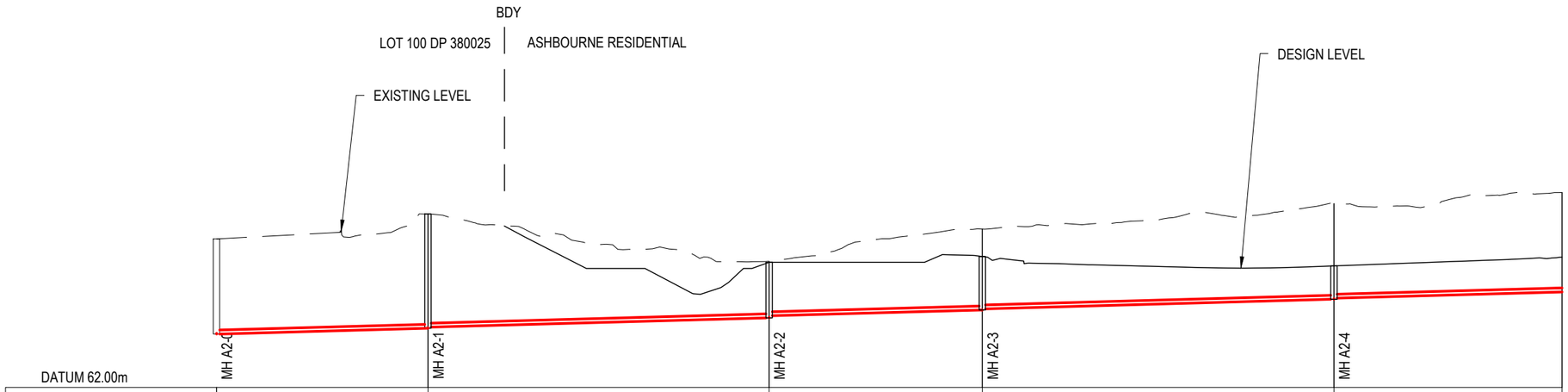
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

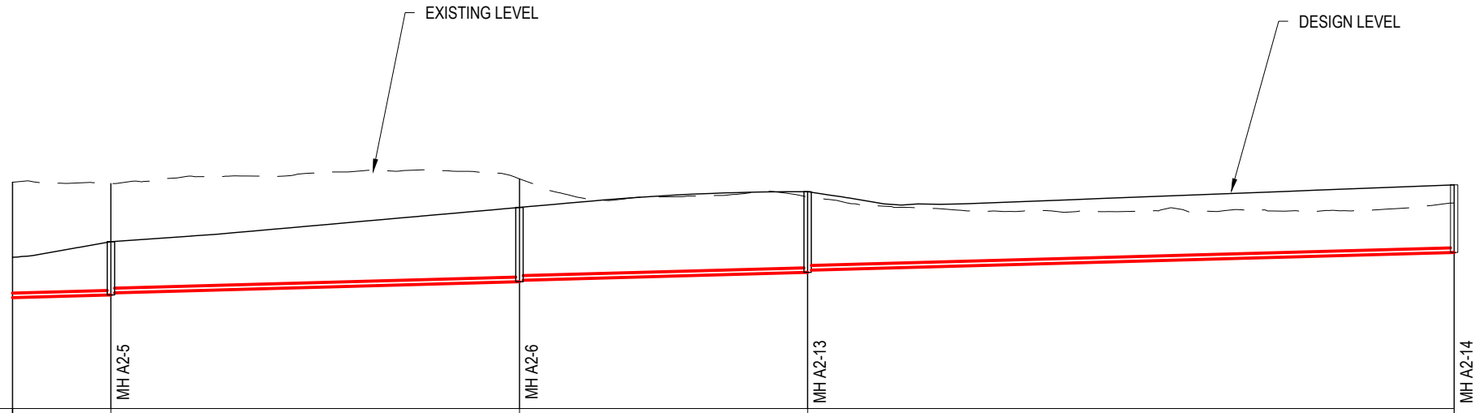
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-3	Rev	D



DATUM 62.00m						
EXISTING LEVELS	67.61	68.56	66.77	67.99	68.96	69.38
DESIGN LEVELS			66.74	66.95	66.60	66.93
PIPE INVERT	64.02	64.24 64.28	64.64 64.71	64.93 64.97	65.34 65.38	65.70
DEPTH INVERT (m)	3.60	4.32	2.11	2.02	1.26	
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.56%	150mm uPVC SN16 Ø @ 0.55%
CHAINAGE	0.00	40.06	104.72	145.13	211.76	255.00

LONGSECTION - CATCHMENT A2 - LINE 5
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 62.00m					
EXISTING LEVELS	69.38	69.33	69.49	68.89	68.70
DESIGN LEVELS	66.93	67.44	68.56	69.07	69.29
PIPE INVERT	65.38	65.70 65.77	66.14 66.18	66.44 66.51	67.09
DEPTH INVERT (m)		1.74	2.42	2.63	2.20
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%
CHAINAGE	255.00	271.05	337.68	384.68	490.12

LONGSECTION - CATCHMENT A2 - LINE 5 CONT.
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

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13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

Maven Associates
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info@maven.co.nz
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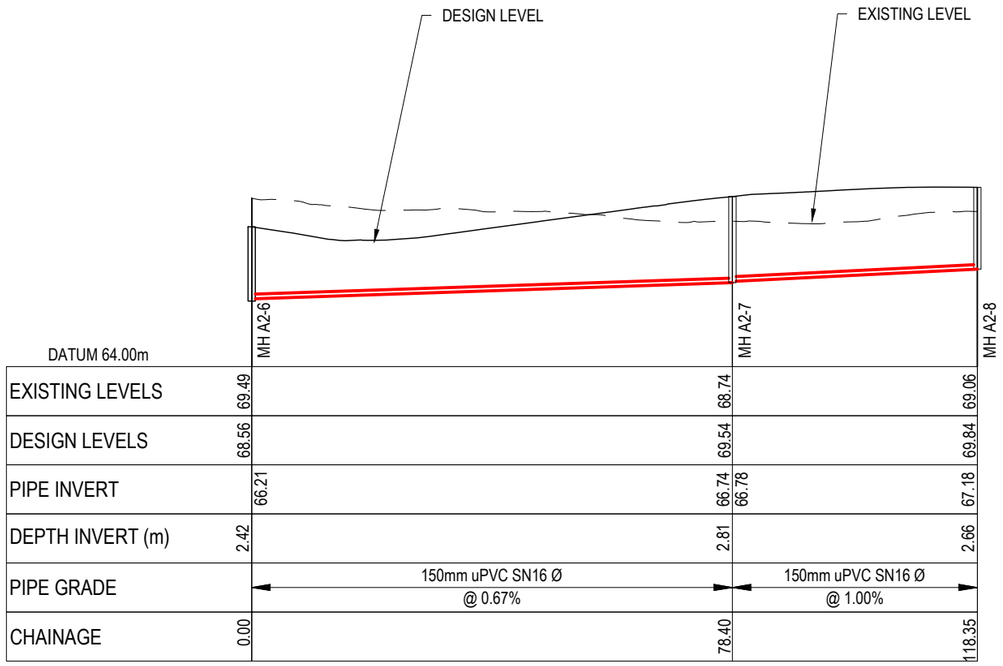
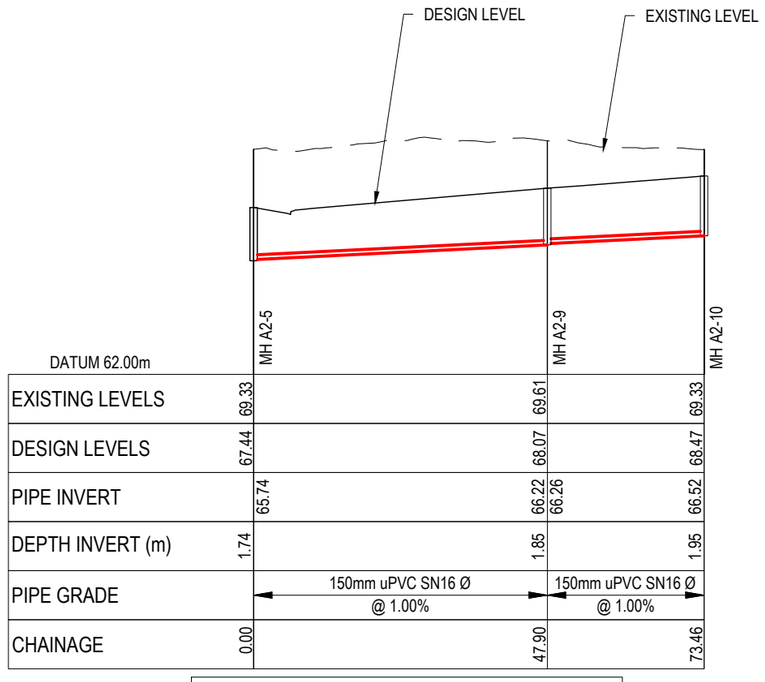
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001
Scale	AS SHOWN
Cad file	C500-WASTEWATER.DWG
Drawing no.	C520-4 Rev D



LONGSECTION - CATCHMENT A2 - LINE 6
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



LONGSECTION - CATCHMENT A2 - LINE 7
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

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Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

Maven Associates
09 571 0050
info@maven.co.nz
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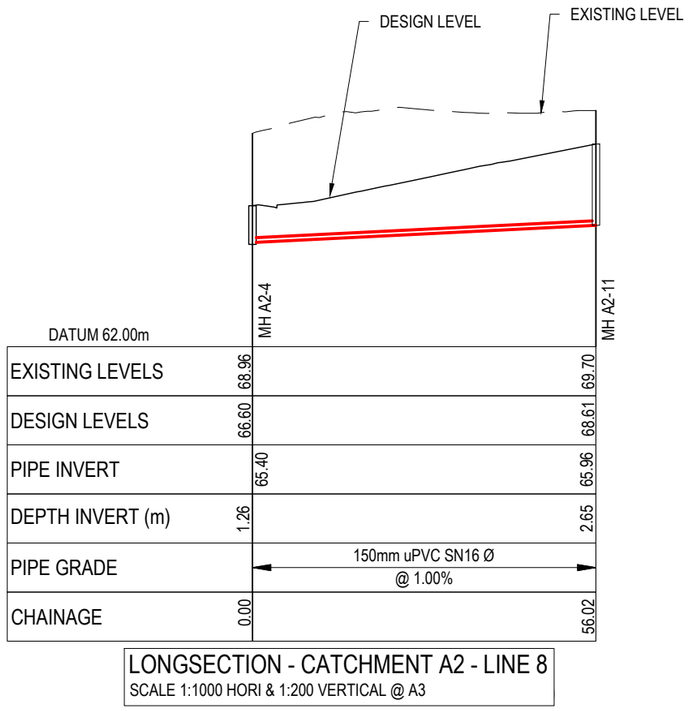
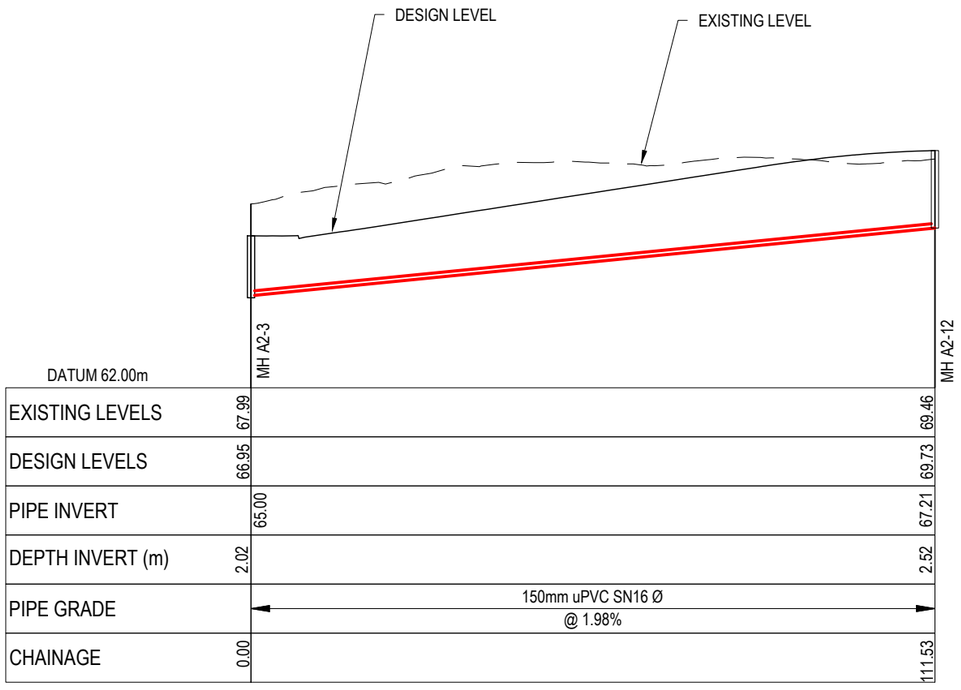
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-5	Rev	D



LONGSECTION - CATCHMENT A2 - LINE 8
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



LONGSECTION - CATCHMENT A2 - LINE 9
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes

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Legend

EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

Maven Associates
09 571 0050
info@maven.co.nz
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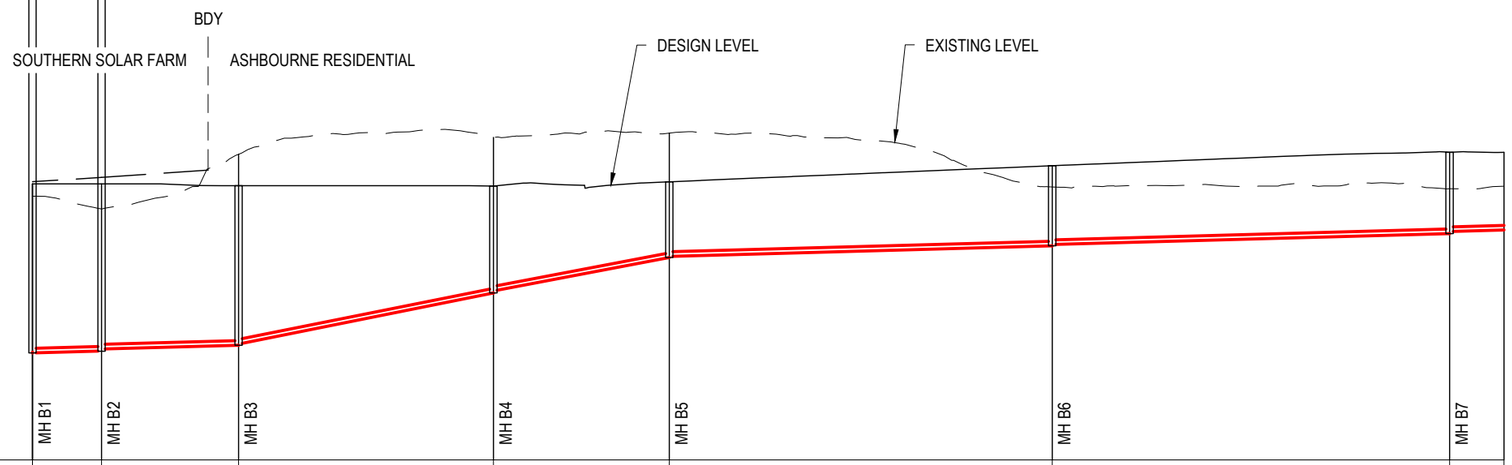
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

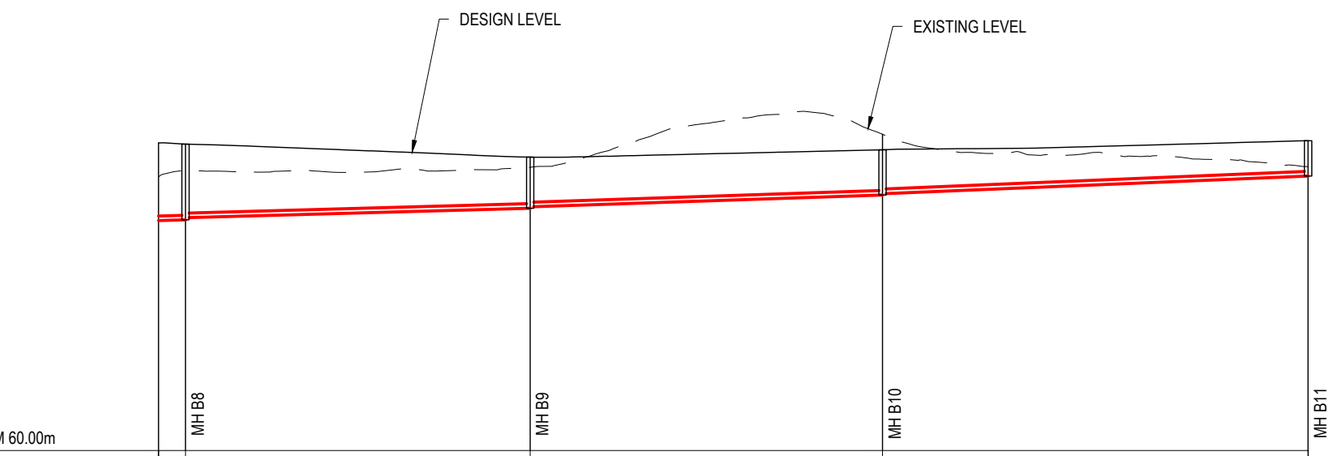
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001
Scale	AS SHOWN
Cad file	C500-WASTEWATER.DWG
Drawing no.	C520-6 Rev D



DATUM 60.00m													
EXISTING LEVELS	68.60	68.18		69.97		70.52	70.65		68.90		68.84		68.92
DESIGN LEVELS	69.00	69.00		68.94		68.93	69.07		69.59		70.03		70.03
PIPE INVERT		63.49	63.55	63.62	63.74	63.78	65.44	65.51	66.60	66.64	66.98	67.02	67.38	67.45	67.52
DEPTH INVERT (m)	74.58		74.67		5.20		3.48		2.47		2.61		2.65		
PIPE GRADE	150mm uPVC SN16 Ø @ 0.55%		150mm uPVC SN16 Ø @ 0.55%		150mm uPVC SN16 Ø @ 4.00%		150mm uPVC SN16 Ø @ 3.80%		150mm uPVC SN16 Ø @ 0.55%		150mm uPVC SN16 Ø @ 0.55%		150mm uPVC SN16 Ø @ 0.55%		
CHAINAGE	0.00	11.26		33.61		75.17	103.85		166.31		231.12		240.00		

LONGSECTION - CATCHMENT B - LINE 1
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 60.00m													
EXISTING LEVELS	68.92	69.11		69.24		70.31	69.25						
DESIGN LEVELS	70.03	69.99		69.57		69.80	70.10						
PIPE INVERT		67.45	67.52	67.59	67.90	67.94	68.33	68.37	68.95				
DEPTH INVERT (m)		2.47		1.67		1.47	1.15						
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%			150mm uPVC SN16 Ø @ 0.67%			150mm uPVC SN16 Ø @ 0.83%					
CHAINAGE	240.00	244.39		300.60		358.07	427.49						

150mm uPVC SN16 Ø @ 0.55%

LONGSECTION - CATCHMENT B - LINE 1 CONT.
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
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Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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info@maven.co.nz
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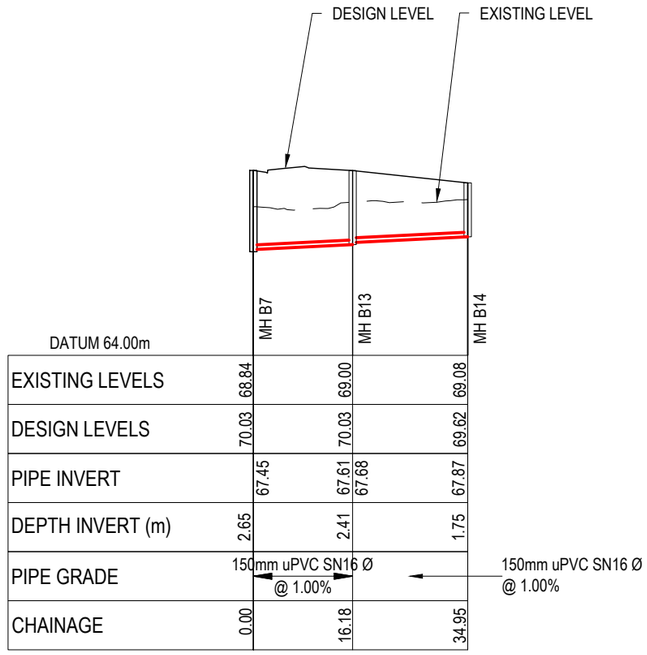
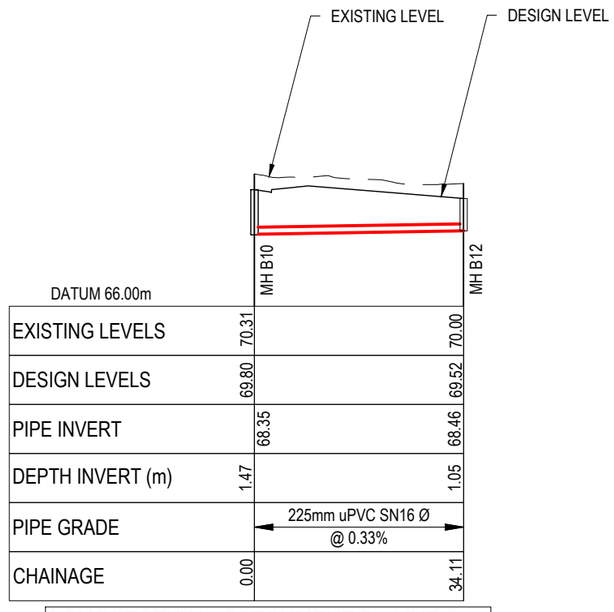
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001
Scale	AS SHOWN
Cad file	C500-WASTEWATER.DWG
Drawing no.	C520-7 Rev D



LONGSECTION - CATCHMENT B - LINE 2
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



LONGSECTION - CATCHMENT B - LINE 3
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes

1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
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7. All lines are to be 150mmØ PVC Class SN16 unless shown otherwise.
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10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend

EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

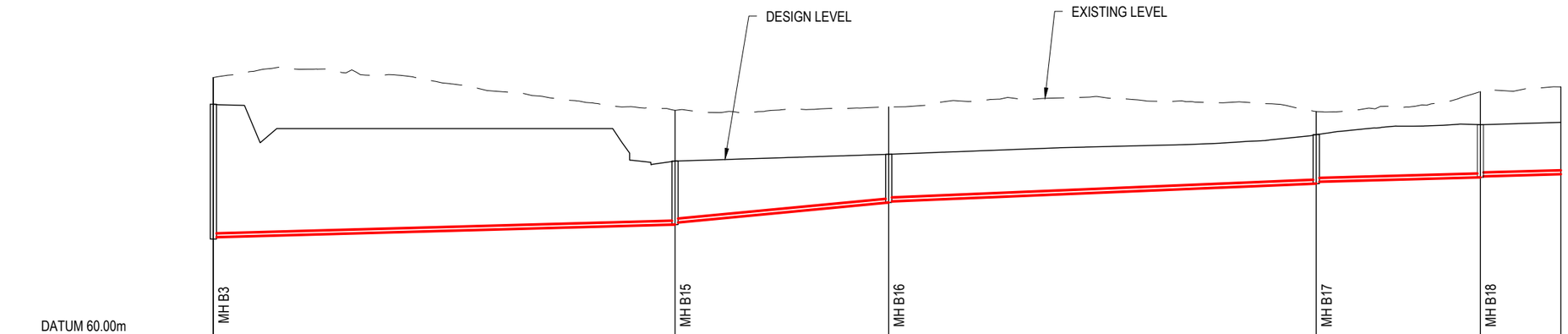
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

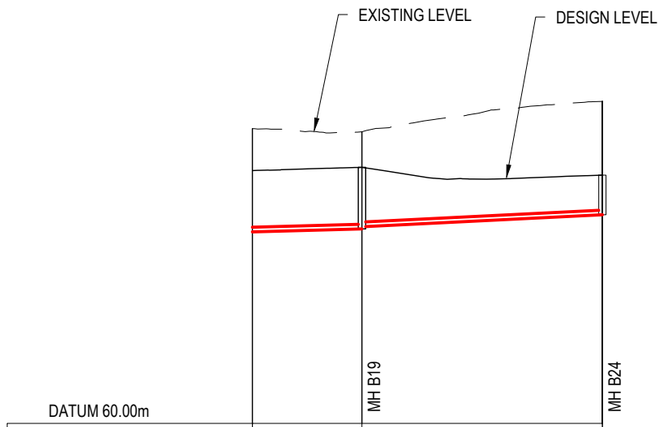
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-8	Rev	D



DATUM 60.00m		MH B3		MH B15		MH B16		MH B17		MH B18	
EXISTING LEVELS	69.97		68.70		68.84		68.66		69.42		69.61
DESIGN LEVELS	68.94		66.75		67.01		67.77		68.15		68.24
PIPE INVERT		63.81		64.30	64.37	65.15	65.19	65.88	65.95	66.12	66.16	66.34
DEPTH INVERT (m)	5.20		2.45		1.86		1.89		2.03		
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%		150mm uPVC SN16 Ø @ 1.89%		150mm uPVC SN16 Ø @ 0.84%		150mm uPVC SN16 Ø @ 0.55%		150mm uPVC SN16 Ø @ 0.55%	
CHAINAGE	0.00		89.08		130.31		212.80		244.48		260.00

LONGSECTION - CATCHMENT B - LINE 4
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 60.00m		MH B19		MH B24
EXISTING LEVELS	69.61	69.50		70.49
DESIGN LEVELS	68.24	68.35		68.09
PIPE INVERT	66.16	66.34	66.41	66.80
DEPTH INVERT (m)		2.01		1.29
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%		150mm uPVC SN16 Ø @ 1.00%
CHAINAGE	260.00	277.86		317.08

LONGSECTION - CATCHMENT B - LINE 4 CONT.
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
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8. All lot connections are to be 100mmØ PVC unless shown otherwise.
9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

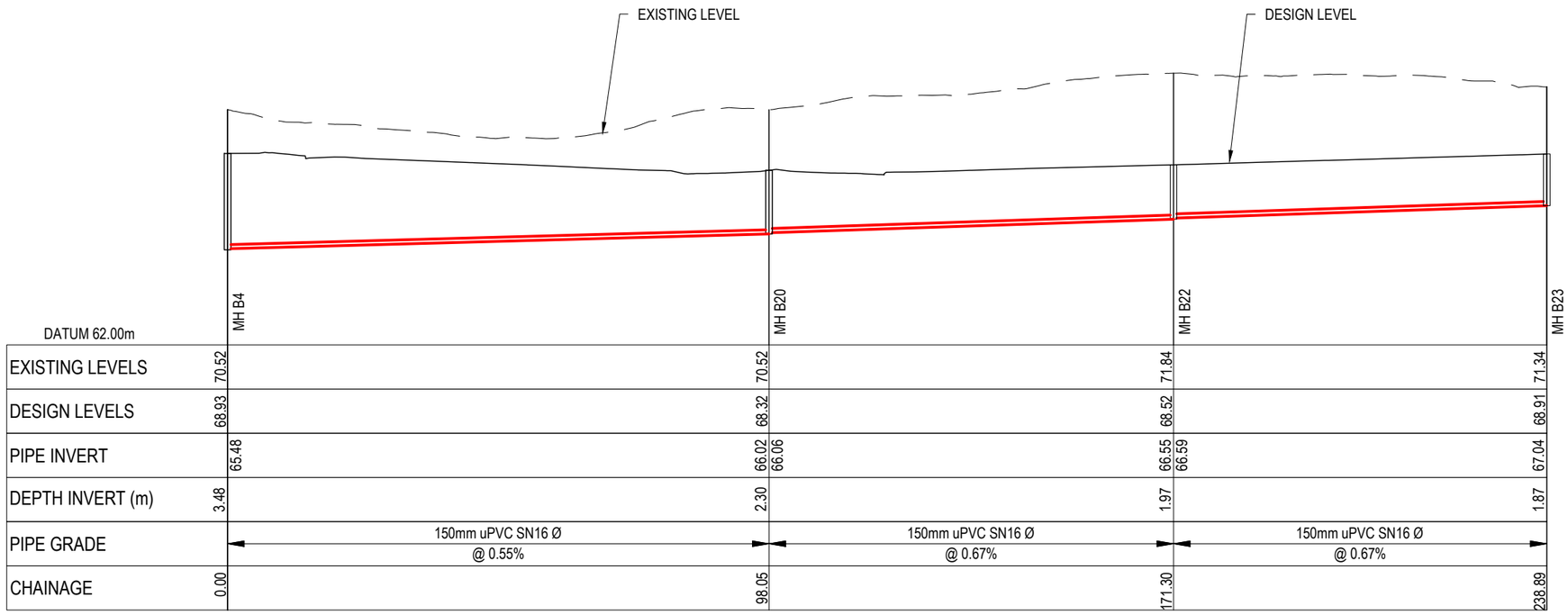
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

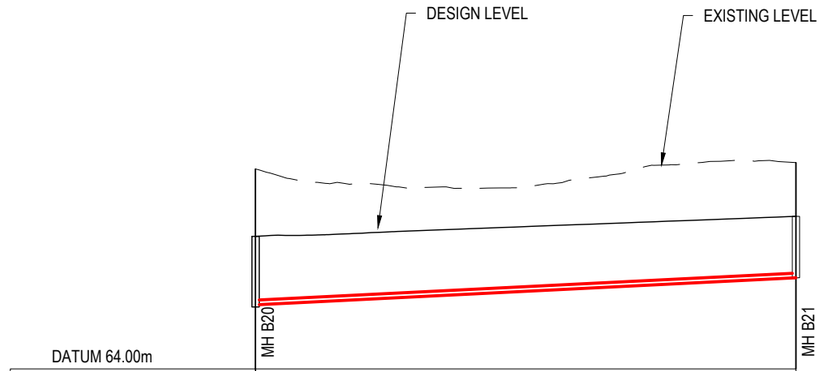
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-9	Rev	D



LONGSECTION - CATCHMENT B - LINE 5
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



LONGSECTION - CATCHMENT B - LINE 6
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
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12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
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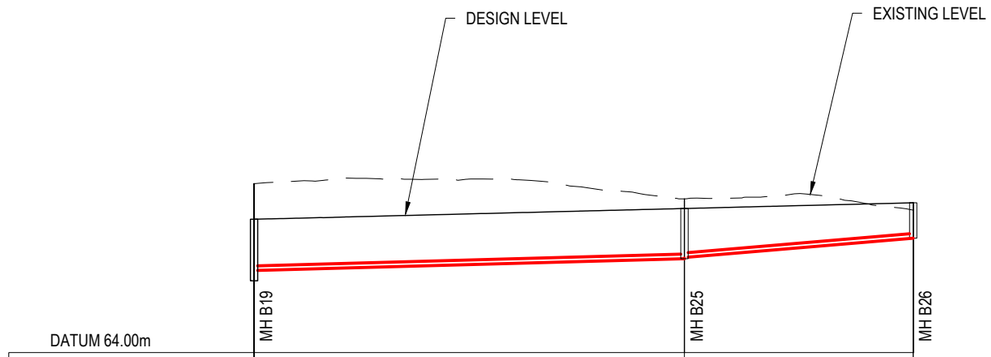
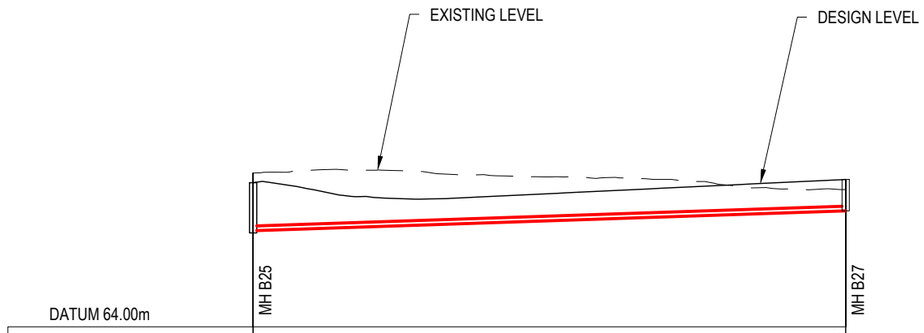
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-10	Rev	D



LONGSECTION - CATCHMENT B - LINE 7
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



LONGSECTION - CATCHMENT B - LINE 8
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
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13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
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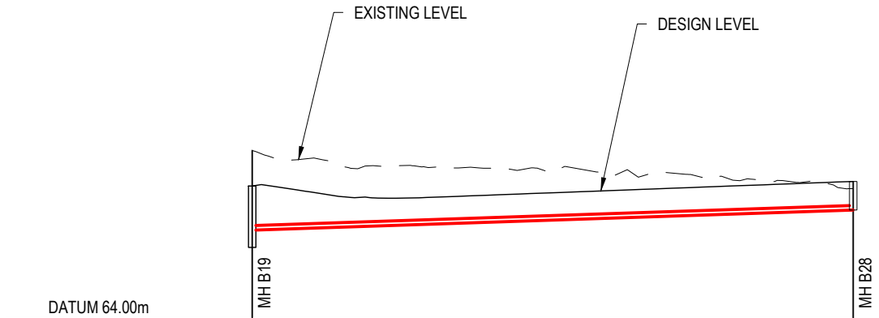
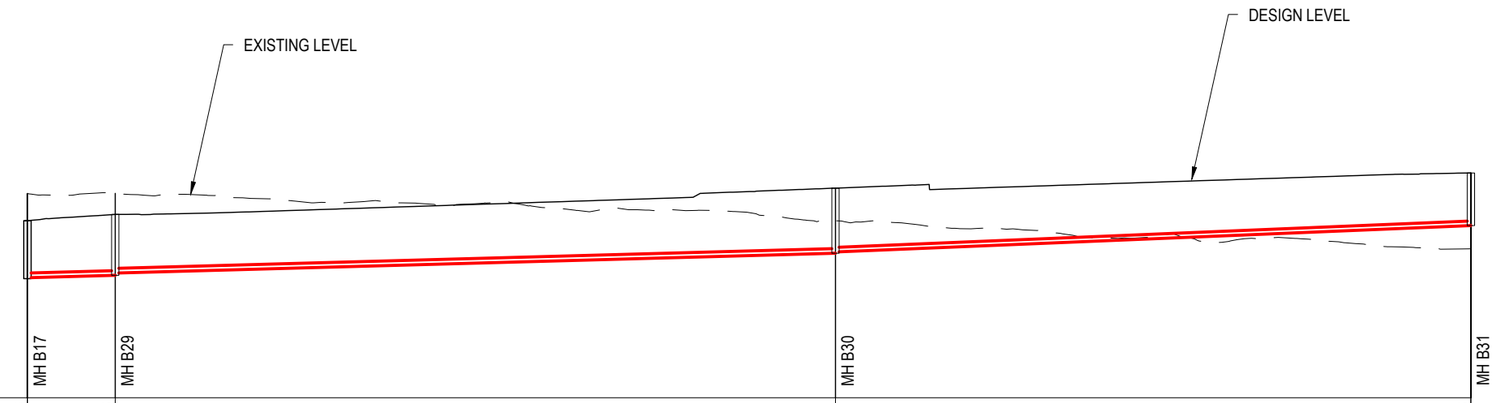
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-11	Rev	D



DATUM 64.00m			
EXISTING LEVELS	69.50		68.26
DESIGN LEVELS	68.35		68.49
PIPE INVERT	66.90		67.56
DEPTH INVERT (m)	2.01		0.93
PIPE GRADE		150mm uPVC SN16 Ø @ 0.67%	
CHAINAGE	0.00		98.02

LONGSECTION - CATCHMENT B - LINE 9
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 62.00m						
EXISTING LEVELS	68.66	68.66		67.77		66.86
DESIGN LEVELS	67.77	67.98		68.83		69.33
PIPE INVERT		65.91	65.99 66.06	66.71	66.75	67.61
DEPTH INVERT (m)	1.89	1.99		2.12		1.72
PIPE GRADE	150mm uPVC SN16 Ø @ 0.55%		150mm uPVC SN16 Ø @ 0.55%		150mm uPVC SN16 Ø @ 0.83%	
CHAINAGE	0.00	14.31		131.78		235.42

LONGSECTION - CATCHMENT B - LINE 10
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

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12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

Maven Associates
09 571 0050
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Project
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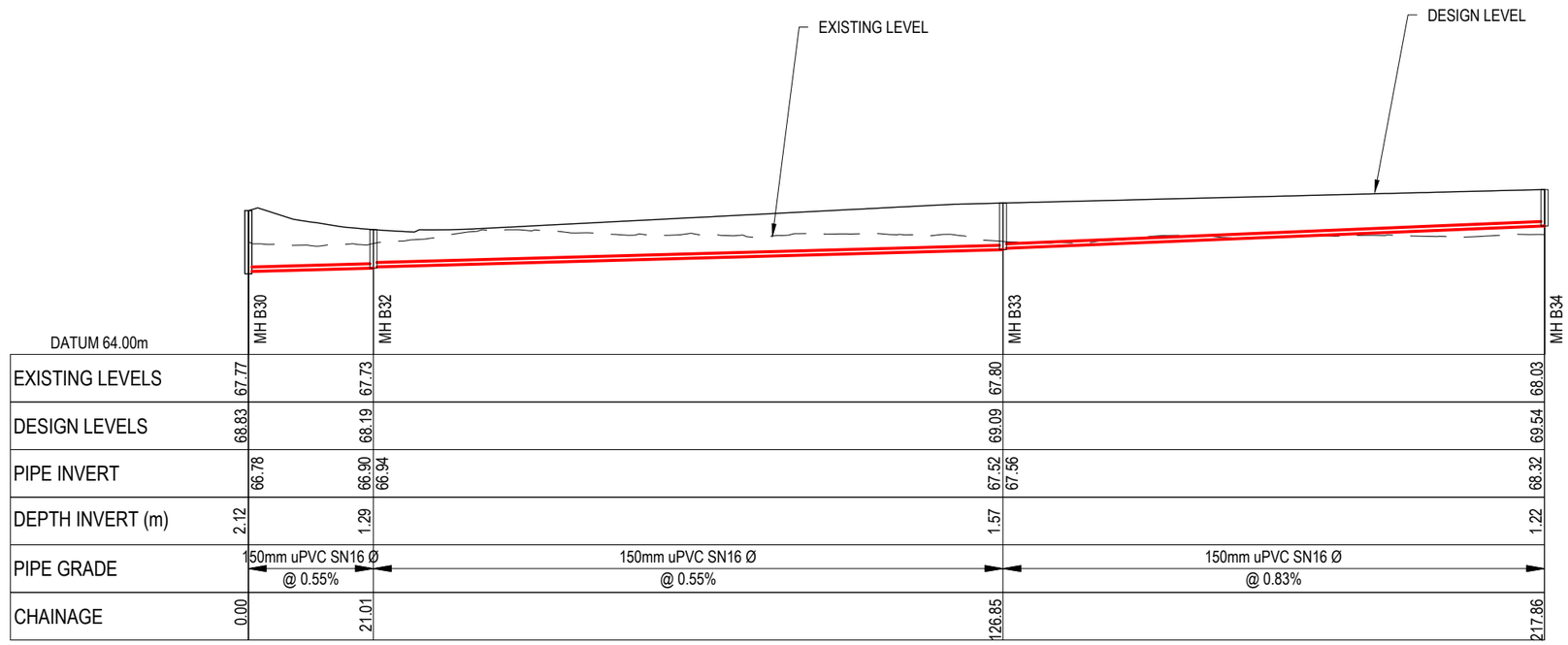
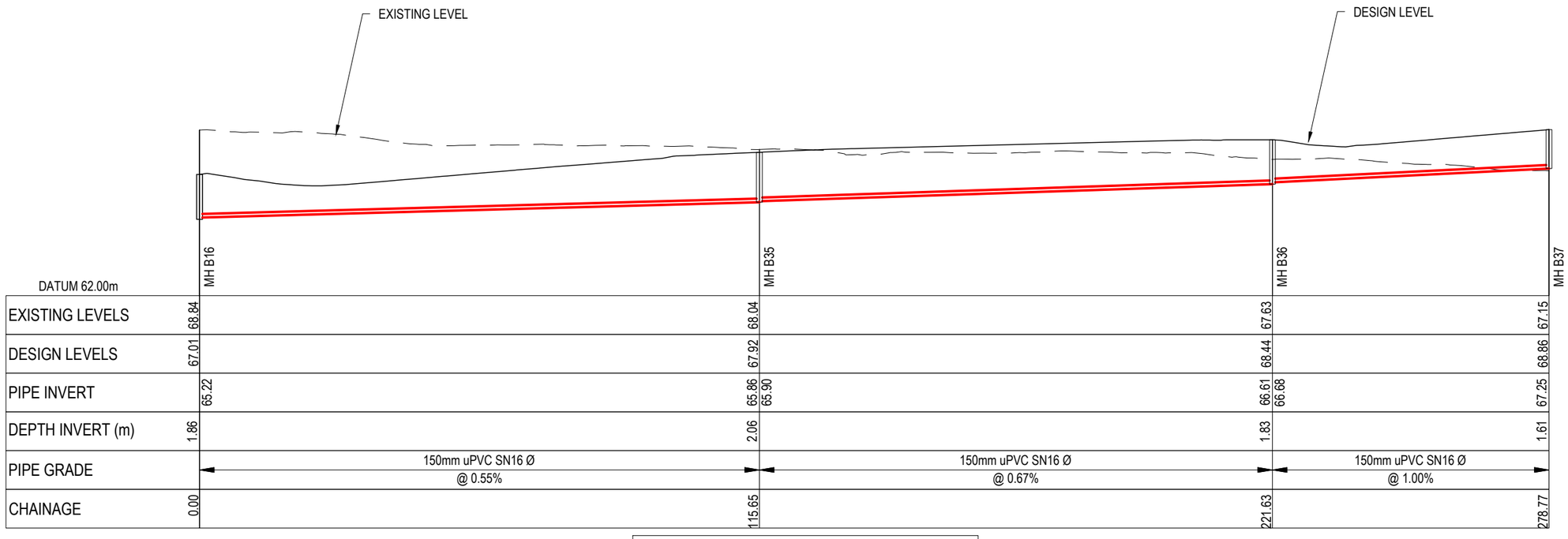
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001
Scale	AS SHOWN
Cad file	C500-WASTEWATER.DWG
Drawing no.	C520-12 Rev D



LONGSECTION - CATCHMENT B - LINE 11
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



LONGSECTION - CATCHMENT B - LINE 12
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
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13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

Maven Associates
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info@maven.co.nz
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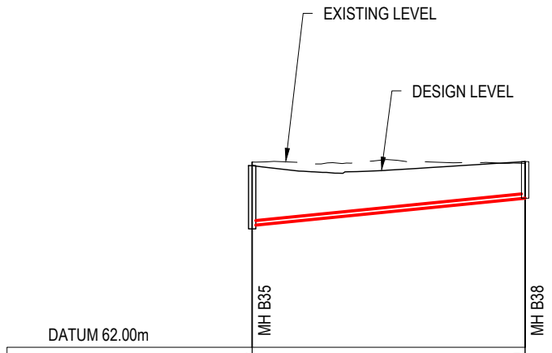
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

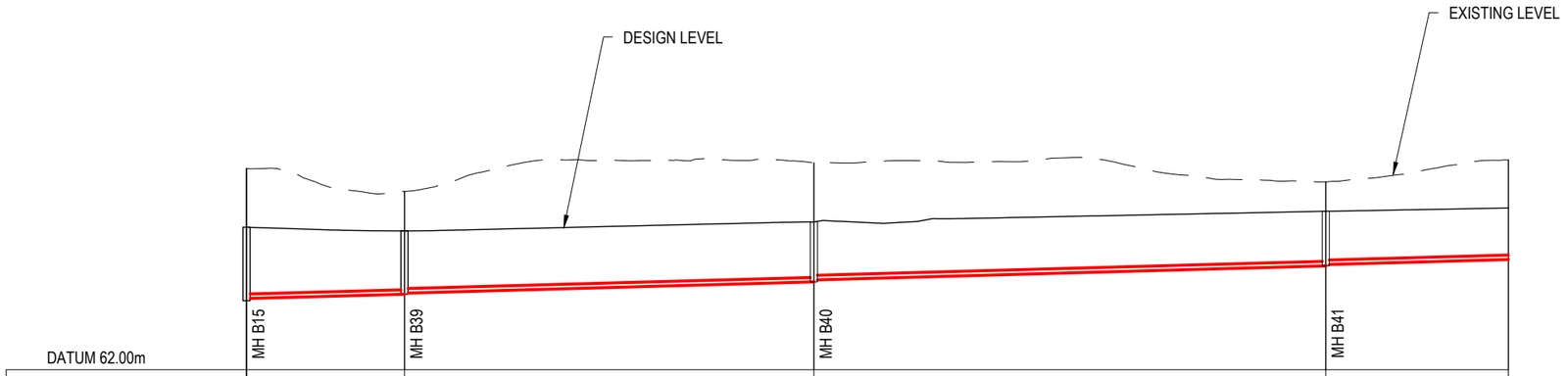
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001
Scale	AS SHOWN
Cad file	C500-WASTEWATER.DWG
Drawing no.	C520-13 Rev D



DATUM 62.00m		
EXISTING LEVELS	68.04	67.99
DESIGN LEVELS	67.92	68.05
PIPE INVERT	65.97	66.86
DEPTH INVERT (m)	2.06	1.19
PIPE GRADE		150mm uPVC SN16 Ø @ 2.00%
CHAINAGE	0.00	44.52

LONGSECTION - CATCHMENT B - LINE 13
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 62.00m					
EXISTING LEVELS	68.70	67.94	68.89	68.26	68.98
DESIGN LEVELS	66.75	66.62	66.92	67.28	67.39
PIPE INVERT	64.37	64.51 64.55	64.92 64.99	65.46 65.50	65.78
DEPTH INVERT (m)	2.45	2.11	2.00	1.82	
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%
CHAINAGE	0.00	26.29	94.42	179.61	210.00

LONGSECTION - CATCHMENT B - LINE 14
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
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12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
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Project
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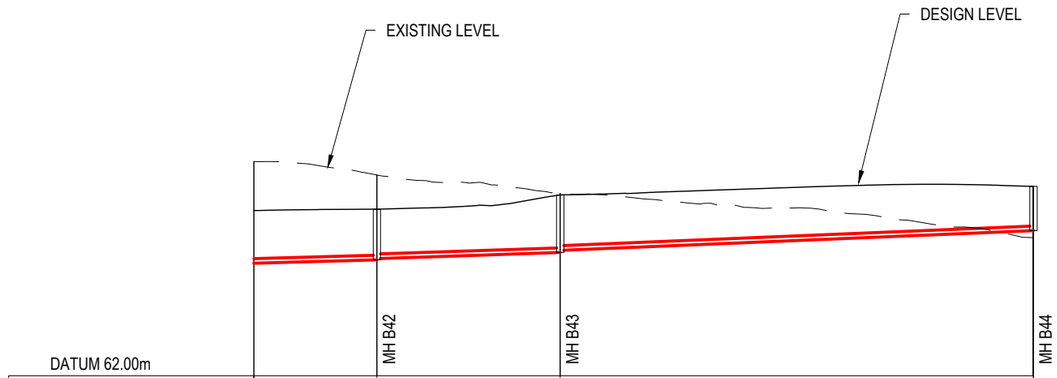
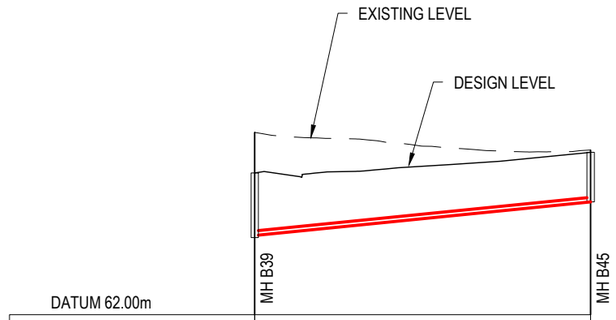
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-14	Rev	D



DATUM 62.00m				
EXISTING LEVELS	68.98	68.54	67.94	66.51
DESIGN LEVELS	67.39	67.43	67.90	68.17
PIPE INVERT	65.50	65.78 / 65.82	66.02 / 66.09	66.73
DEPTH INVERT (m)		1.65	1.88	1.44
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.67%	150mm uPVC SN16 Ø @ 0.83%
CHAINAGE	210.00	230.06	259.95	337.14

LONGSECTION - CATCHMENT B - LINE 14 CONT.
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 62.00m		
EXISTING LEVELS	67.94	67.36
DESIGN LEVELS	66.62	67.29
PIPE INVERT	64.58	65.68
DEPTH INVERT (m)	2.11	1.62
PIPE GRADE		150mm uPVC SN16 Ø @ 2.00%
CHAINAGE	0.00	54.79

LONGSECTION - CATCHMENT B - LINE 15
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
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10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

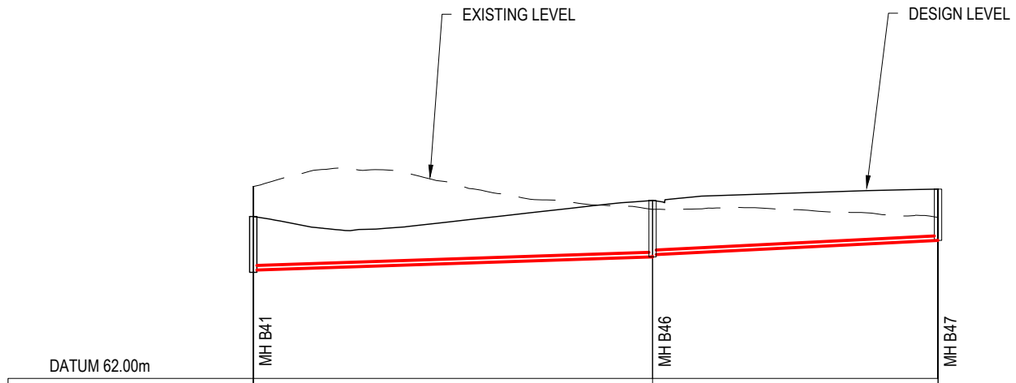
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

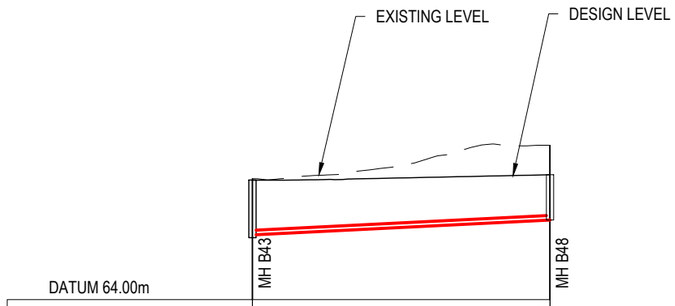
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-15	Rev	D



DATUM 62.00m			
EXISTING LEVELS	68.26	67.51	67.25
DESIGN LEVELS	67.28	67.80	68.17
PIPE INVERT	65.53	65.96 / 66.03	66.50
DEPTH INVERT (m)	1.82	1.84	1.68
PIPE GRADE		150mm uPVC SN16 Ø @ 0.66%	150mm uPVC SN16 Ø @ 1.00%
CHAINAGE	0.00	65.12	111.68

LONGSECTION - CATCHMENT B - LINE 16
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 64.00m			
EXISTING LEVELS	67.94		69.03
DESIGN LEVELS	67.90		68.07
PIPE INVERT		66.11	66.60
DEPTH INVERT (m)	1.88		1.48
PIPE GRADE		150mm uPVC SN16 Ø @ 1.00%	
CHAINAGE	0.00		48.53

LONGSECTION - CATCHMENT B - LINE 17
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. It is the Contractors responsibility to locate all services that may be affected by his operations.
5. Approved hardfill is to be used in backfilling of all road crossings to council standards.
6. Heavy duty manhole lids and frames to be used in trafficked areas, all manholes shall have stainless grates installed.
7. All lines are to be 150mmØ PVC Class SN16 unless shown otherwise.
8. All lot connections are to be 100mmØ PVC unless shown otherwise.
9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

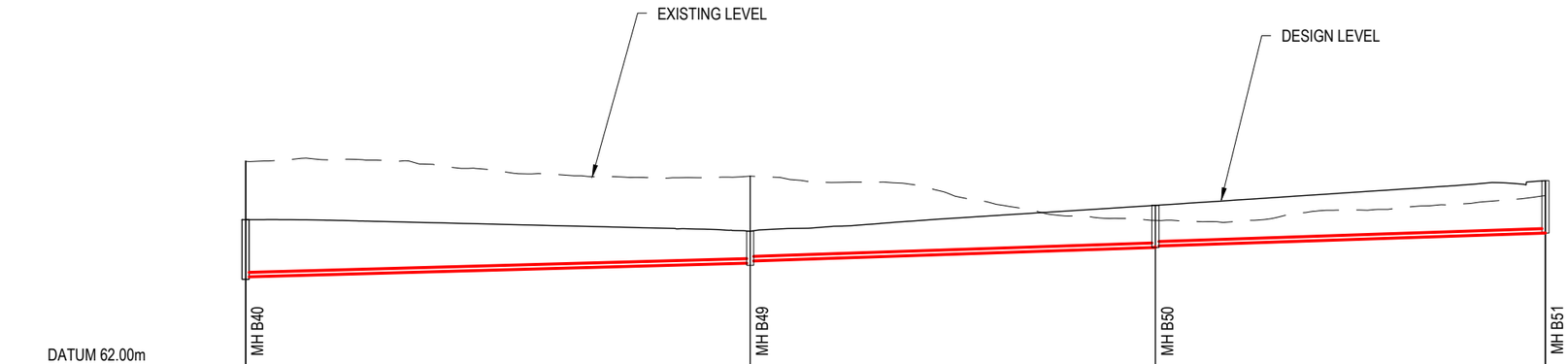
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001
Scale	AS SHOWN
Cad file	C500-WASTEWATER.DWG
Drawing no.	C520-16 Rev D



DATUM 62.00m					
EXISTING LEVELS	68.89	68.39	66.90	67.73	
DESIGN LEVELS	66.92	66.54	67.41	68.24	
PIPE INVERT	65.00	65.47 / 65.54	66.00 / 66.04	66.48	
DEPTH INVERT (m)	2.00	1.15	1.41	1.76	
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.67%	150mm uPVC SN16 Ø @ 0.67%	
CHAINAGE	0.00	84.77	152.84	218.36	

LONGSECTION - CATCHMENT B - LINE 18

SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes

1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. It is the Contractors responsibility to locate all services that may be affected by his operations.
5. Approved hardfill is to be used in backfilling of all road crossings to council standards.
6. Heavy duty manhole lids and frames to be used in trafficked areas, all manholes shall have stainless grates installed.
7. All lines are to be 150mmØ PVC Class SN16 unless shown otherwise.
8. All lot connections are to be 100mmØ PVC unless shown otherwise.
9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend

EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

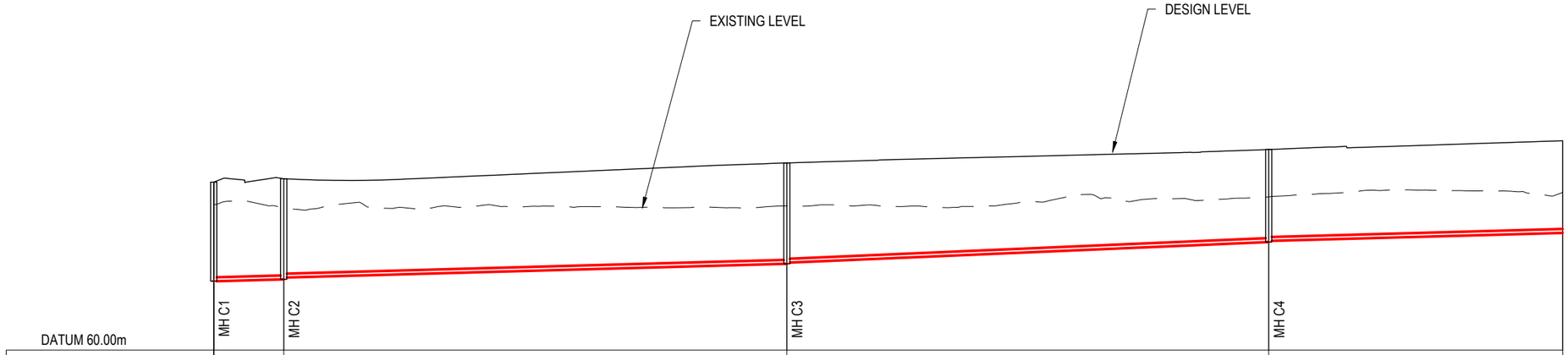
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

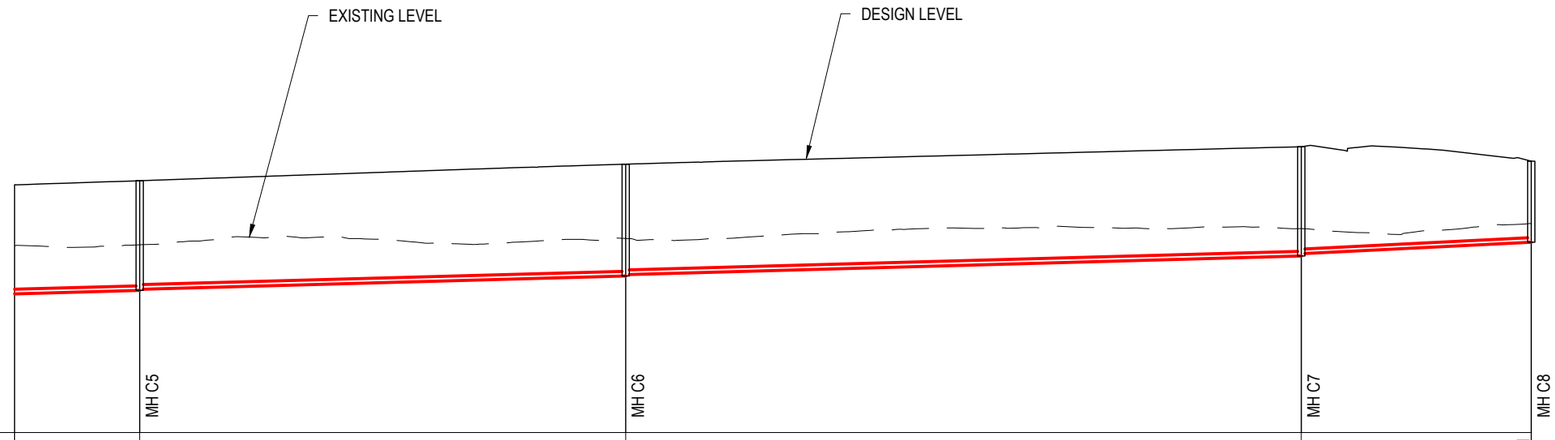
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-17	Rev	D



DATUM 60.00m	MH C1	MH C2	MH C3	MH C4	
EXISTING LEVELS	65.61	65.47	65.56	65.91	66.08
DESIGN LEVELS	66.48	66.61	67.22	67.74	68.08
PIPE INVERT	62.66	62.73 / 62.80	63.33 / 63.37	64.17 / 64.21	64.63
DEPTH INVERT (m)	3.82	3.88	3.89	3.57	
PIPE GRADE	150mm uPVC SN16 Ø @ 0.55%		150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.86%	150mm uPVC SN16 Ø @ 0.55%
CHAINAGE	0.00	13.50	110.47	203.35	260.00

LONGSECTION - CATCHMENT C - LINE 1
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 60.00m	MH C5	MH C6	MH C7	MH C8	
EXISTING LEVELS	66.08	66.12	66.33	66.65	66.81
DESIGN LEVELS	68.08	68.21	68.75	69.32	68.85
PIPE INVERT	64.21	64.63 / 64.67	65.11 / 65.15	65.76 / 65.83	66.20
DEPTH INVERT (m)		3.58	3.64	3.56	2.64
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 1.00%
CHAINAGE	260.00	280.41	359.67	469.86	507.36

LONGSECTION - CATCHMENT C - LINE 1 CONT.
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
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5. Approved hardfill is to be used in backfilling of all road crossings to council standards.
6. Heavy duty manhole lids and frames to be used in trafficked areas, all manholes shall have stainless grates installed.
7. All lines are to be 150mmØ PVC Class SN16 unless shown otherwise.
8. All lot connections are to be 100mmØ PVC unless shown otherwise.
9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

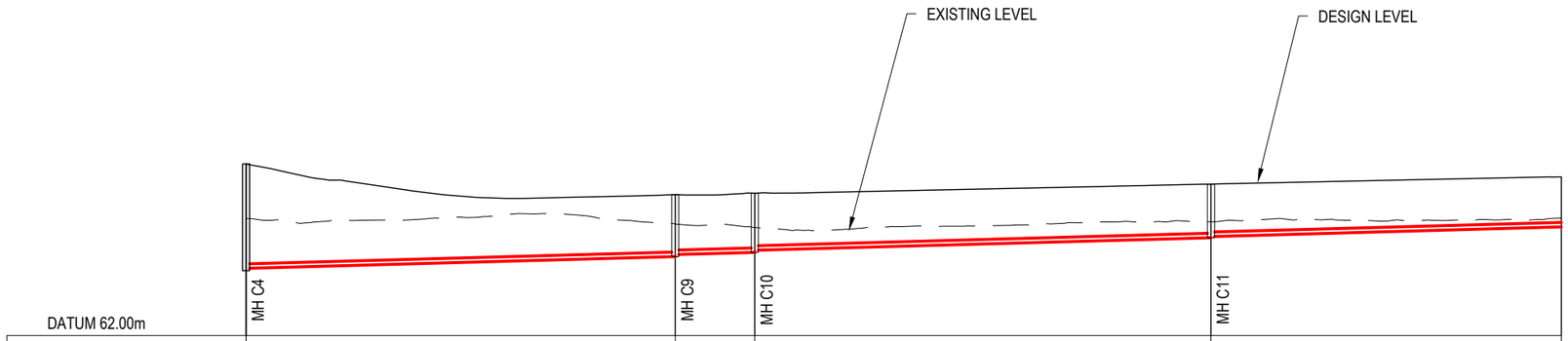
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

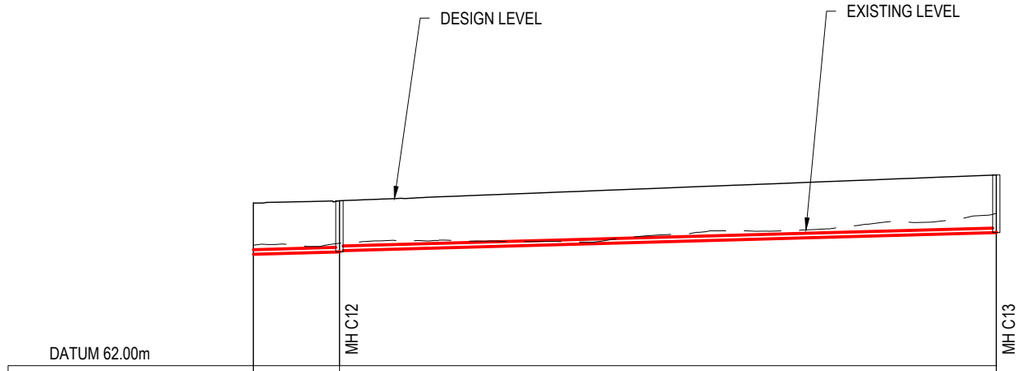
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001
Scale	AS SHOWN
Cad file	C500-WASTEWATER.DWG
Drawing no.	C520-18 Rev D



DATUM 62.00m						
EXISTING LEVELS	65.91	65.73	65.61	65.81	65.93	
DESIGN LEVELS	67.74	66.71	66.75	67.07	67.30	
PIPE INVERT	64.25	64.64 / 64.71	64.78 / 64.85	65.27 / 65.31	65.71	
DEPTH INVERT (m)	3.57	2.07	1.97	1.80		
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	
CHAINAGE	0.00	71.79	85.09	161.40	220.00	

LONGSECTION - CATCHMENT C - LINE 2
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 62.00m				
EXISTING LEVELS	65.93	65.99		66.97
DESIGN LEVELS	67.30	67.38		68.22
PIPE INVERT	65.31	65.71 / 65.75		66.34
DEPTH INVERT (m)		1.67		1.88
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.55%	
CHAINAGE	220.00	234.05		341.18

LONGSECTION - CATCHMENT C - LINE 2 CONT.
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. It is the Contractors responsibility to locate all services that may be affected by his operations.
5. Approved hardfill is to be used in backfilling of all road crossings to council standards.
6. Heavy duty manhole lids and frames to be used in trafficked areas, all manholes shall have stainless grates installed.
7. All lines are to be 150mmØ PVC Class SN16 unless shown otherwise.
8. All lot connections are to be 100mmØ PVC unless shown otherwise.
9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

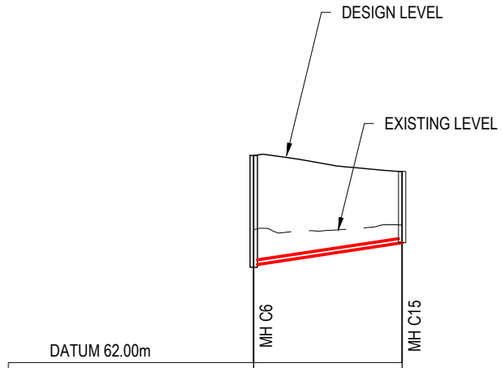
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

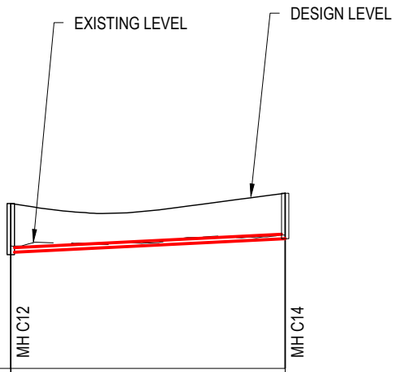
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-19	Rev	D



DATUM 62.00m		
EXISTING LEVELS	66.33	66.49
DESIGN LEVELS	68.75	68.23
PIPE INVERT	65.18	65.91
DEPTH INVERT (m)	3.64	2.32
PIPE GRADE		150mm uPVC SN16 Ø @ 3.00%
CHAINAGE	0.00	24.20

LONGSECTION - CATCHMENT C - LINE 3
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 62.00m		
EXISTING LEVELS	65.99	66.35
DESIGN LEVELS	67.38	67.71
PIPE INVERT	65.78	66.23
DEPTH INVERT (m)	1.67	1.48
PIPE GRADE		150mm uPVC SN16 Ø @ 1.00%
CHAINAGE	0.00	44.76

LONGSECTION - CATCHMENT C - LINE 4
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
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5. Approved hardfill is to be used in backfilling of all road crossings to council standards.
6. Heavy duty manhole lids and frames to be used in trafficked areas, all manholes shall have stainless grates installed.
7. All lines are to be 150mmØ PVC Class SN16 unless shown otherwise.
8. All lot connections are to be 100mmØ PVC unless shown otherwise.
9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

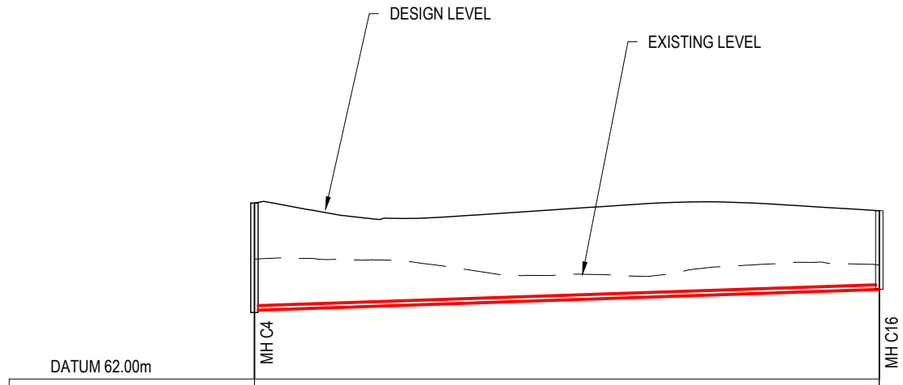
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

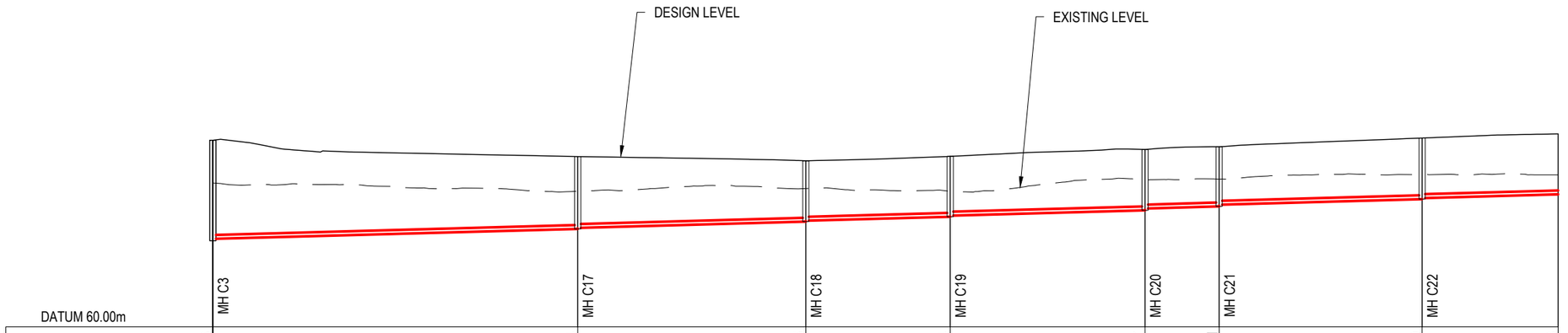
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-20	Rev	D



LONGSECTION - CATCHMENT C - LINE 5
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



LONGSECTION - CATCHMENT C - LINE 6
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
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5. Approved hardfill is to be used in backfilling of all road crossings to council standards.
6. Heavy duty manhole lids and frames to be used in trafficked areas, all manholes shall have stainless grates installed.
7. All lines are to be 150mmØ PVC Class SN16 unless shown otherwise.
8. All lot connections are to be 100mmØ PVC unless shown otherwise.
9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

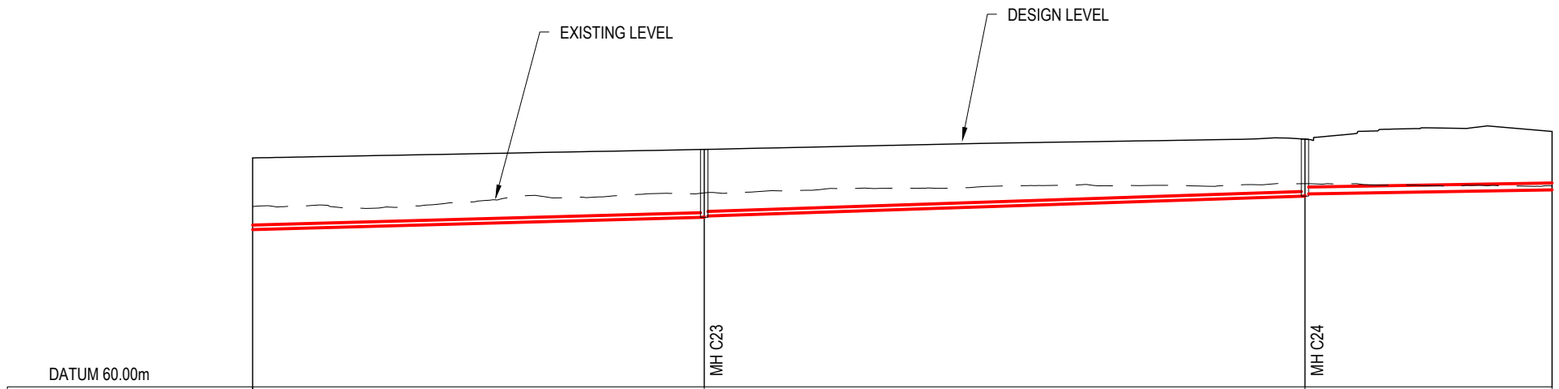
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

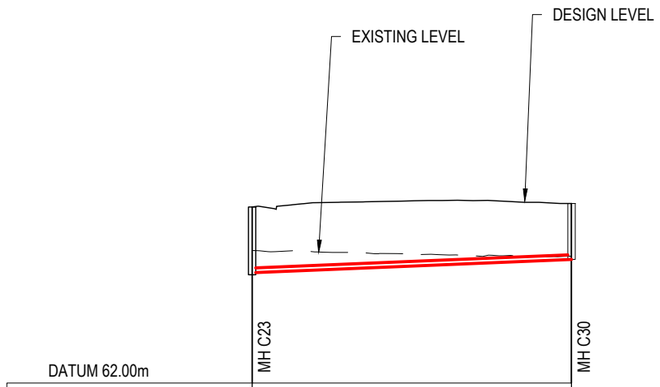
Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001
Scale	AS SHOWN
Cad file	C500-WASTEWATER.DWG
Drawing no.	C520-21
Rev	D



DATUM 60.00m				
EXISTING LEVELS	65.88	66.32	66.62	66.55
DESIGN LEVELS	67.46	67.74	68.08	68.32
PIPE INVERT	64.98	65.53 / 65.57	66.22 / 66.29	66.43
DEPTH INVERT (m)		2.21	1.86	
PIPE GRADE		150mm uPVC SN16 Ø @ 0.55%	150mm uPVC SN16 Ø @ 0.67%	225mm uPVC SN16 Ø @ 0.33%
CHAINAGE	260.00	333.64	431.62	471.93

LONGSECTION - CATCHMENT C - LINE 6 CONT.
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 62.00m			
EXISTING LEVELS	66.32		66.14
DESIGN LEVELS	67.74		67.85
PIPE INVERT	65.60		66.03
DEPTH INVERT (m)	2.21		1.82
PIPE GRADE		150mm uPVC SN16 Ø @ 0.83%	
CHAINAGE	0.00		52.10

LONGSECTION - CATCHMENT C - LINE 7
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
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3. Levels in terms of the New Zealand Vertical Datum 2016.
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8. All lot connections are to be 100mmØ PVC unless shown otherwise.
9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

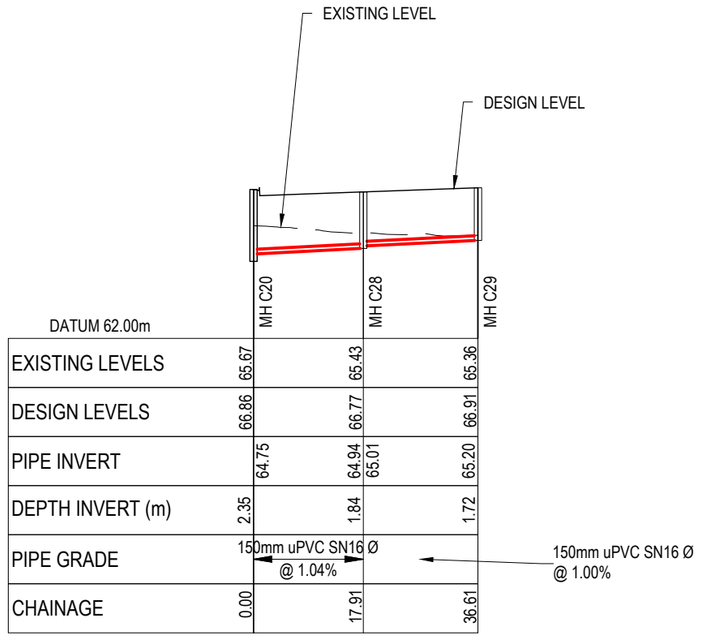
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

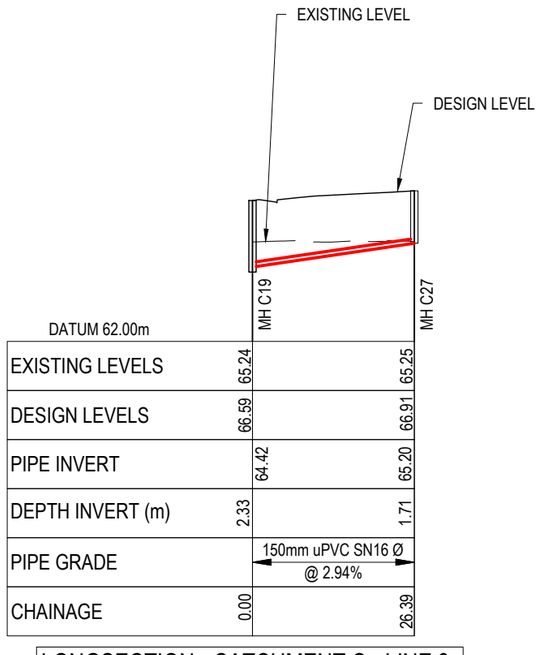
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-22	Rev	D



LONGSECTION - CATCHMENT C - LINE 8
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



LONGSECTION - CATCHMENT C - LINE 9
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
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9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

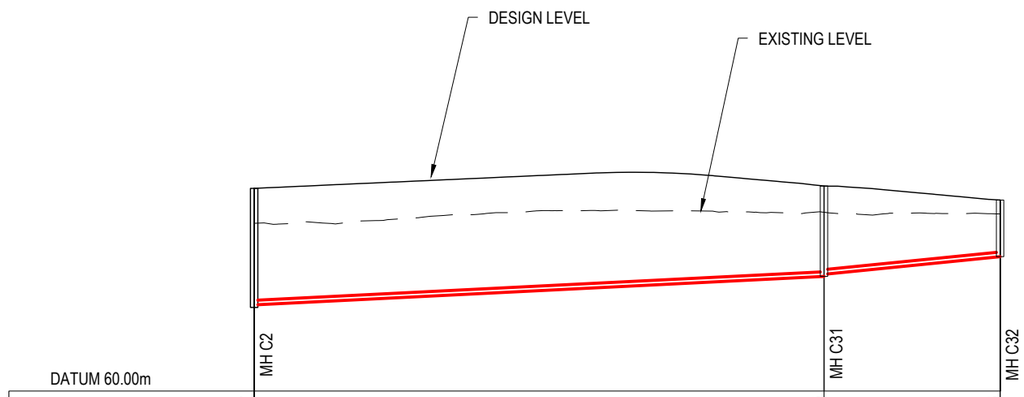
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-23	Rev	D

DATUM 60.00m			
EXISTING LEVELS	65.24		65.39
DESIGN LEVELS	66.59		67.25
PIPE INVERT		63.86	65.09
DEPTH INVERT (m)	2.80		2.16
PIPE GRADE		150mm uPVC SN16 Ø @ 3.00%	
CHAINAGE	0.00		41.13

LONGSECTION - CATCHMENT C - LINE 10
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3



DATUM 60.00m				
EXISTING LEVELS	65.47	65.83		65.78
DESIGN LEVELS	66.61	66.69		66.23
PIPE INVERT	62.81	63.74	63.81	64.38
DEPTH INVERT (m)	3.88	2.95		1.85
PIPE GRADE		150mm uPVC SN16 Ø @ 1.00%		150mm uPVC SN16 Ø @ 2.00%
CHAINAGE	0.00	92.94		121.66

LONGSECTION - CATCHMENT C - LINE 11
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
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12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
EX GROUND LEVEL
PROP GROUND LEVEL

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	RJM	04/2025
A	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	05/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER LONGSECTIONS

Project no.	289001		
Scale	AS SHOWN		
Cad file	C500-WASTEWATER.DWG		
Drawing no.	C520-24	Rev	D

STATION ROAD

STATION ROAD

NORTHERN WASTEWATER PUMP STATION REFER TO C535 DRAWING SERIES FOR DETAILS

EXISTING WASTEWATER MANHOLE 1050mmØ
ASSET ID: 300027

CENTRAL WASTEWATER PUMP STATION DISCHARGE MANHOLE REFER TO DRAWING C530-3 FOR DETAILS

CENTRAL WASTEWATER PUMP STATION REFER TO C530 DRAWING SERIES FOR DETAILS

LOT 1 DP 463448

RESOURCE CONSENT

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13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend

- EX BOUNDARY
- PROP BOUNDARY
- EX WASTEWATER
- PR WASTEWATER
- EX/PROP WWMH
- WW LOT CONNECTION

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	TCH	05/2025
B	FAST TRACK APP	TCH	05/2025
A	FAST TRACK APP	TCH	04/2025

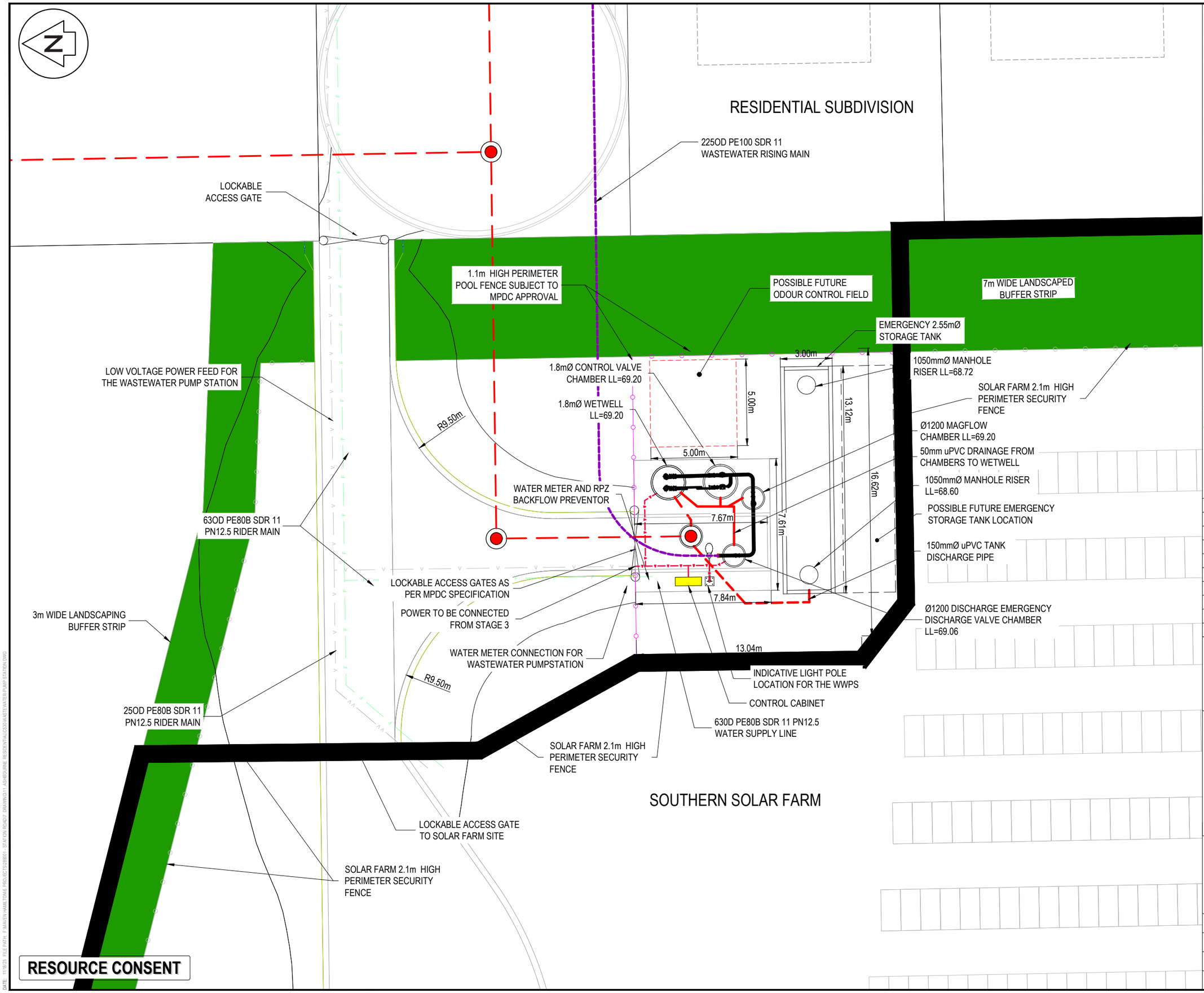
	By	Date
Survey	MAVEN	05/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	04/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WASTEWATER PUMP STATIONS OVERVIEW PLAN

Project no.	289001
Scale	1:7000 @ A3
Cad file	C530-WASTEWATER-PUMP STATION.DWG
Drawing no.	C530 Rev D



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13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend

- EX BOUNDARY
- PROP BOUNDARY
- EX WASTEWATER
- PR WASTEWATER
- PR STORMWATER
- EX/PROP WWMH
- EX/PROP SWMH
- WW LOT CONNECTION

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	TCH	05/2025
B	FAST TRACK APP	TCH	05/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	04/2025

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

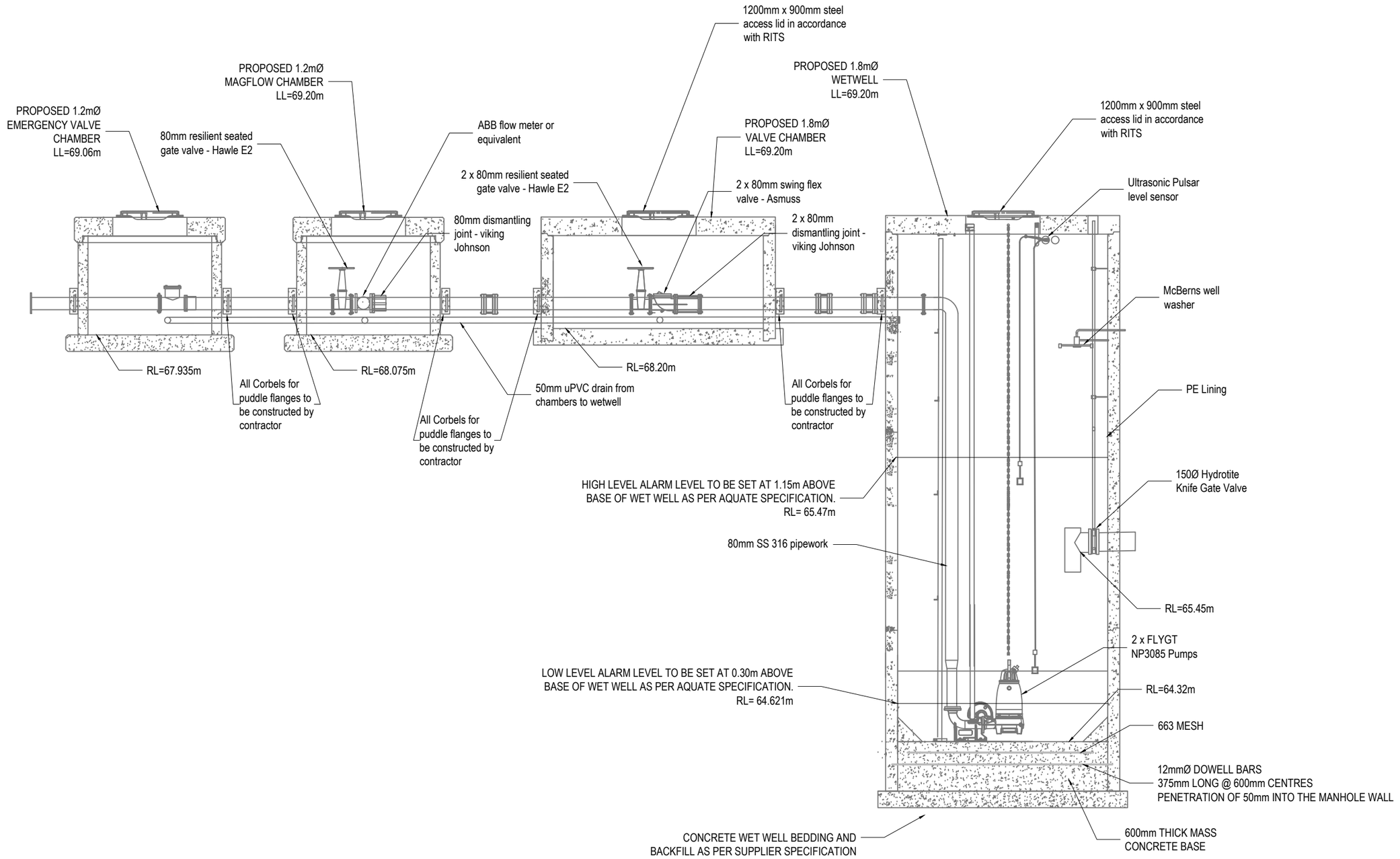
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED CENTRAL WASTEWATER PUMP STATION LAYOUT PLAN

Project no.	289001		
Scale	1:200 @ A3		
Cad file	C530-WASTEWATER-PUMP STATION.DWG		
Drawing no.	C530-1	Rev	C



WASTEWATER PUMP STATION TYPICAL CROSS SECTION

SCALE: NTS

RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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. CONTRACTOR TO CHECK ALL DIMENSIONS PRIOR TO CONSTRUCTION/ FABRICATION.
5. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
6. ALL MANHOLES ARE TO BE 1050MMØ PRE CAST CONCRETE UNLESS SHOWN OTHERWISE.
7. REFER TO AQUATE SPECIFICATION FOR RELEVANT WASTEWATER PUMP STATION SPECS AND INSTALLATION PROCESS.
8. ALL PIPELINES SHALL HAVE A FLEXIBLE JOINT ADJACENT TO THE MANHOLE ON ALL INCOMING AND OUTGOING PIPES NOT MORE THAN 600mm AWAY FROM THE MANHOLE WALL.

Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	TCH	05/2025
B	FAST TRACK APP	TCH	05/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	04/2025

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

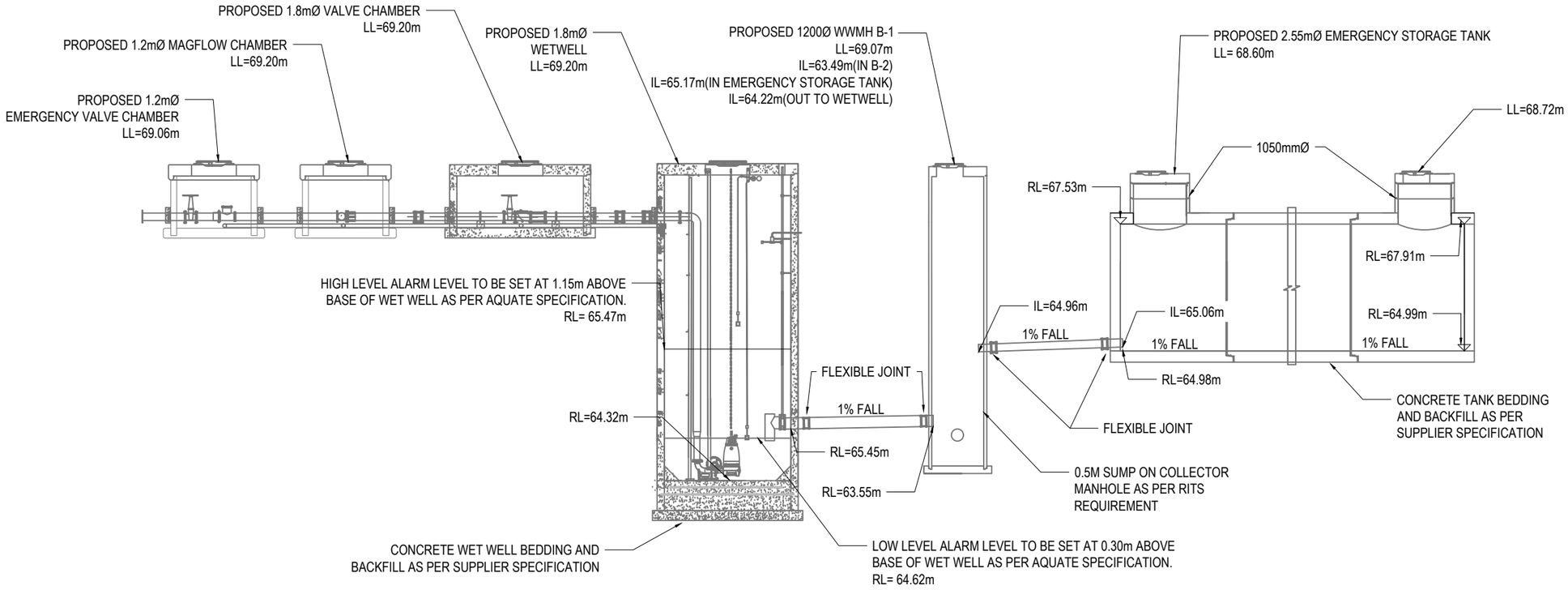
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

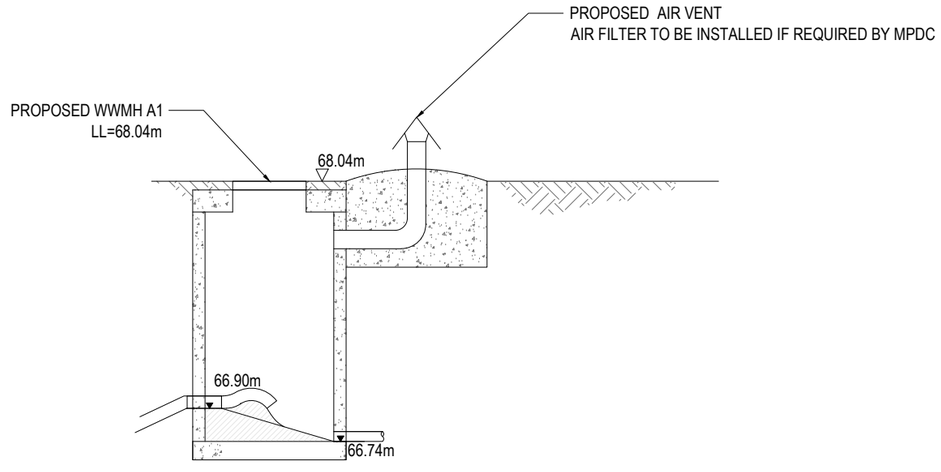
PROPOSED CENTRAL WASTEWATER PUMP TYPICAL CROSS SECTION

Project no.	289001		
Scale	NTS @ A3		
Cad file	C530-WASTEWATER-PUMP STATION.DWG		
Drawing no.	C530-2	Rev	C



WASTEWATER PUMP STATION TYPICAL CROSS SECTION

SCALE: NTS



WASTEWATER PUMP STATION DISCHARGE MANHOLE TYPICAL CROSS SECTION

SCALE: NTS

RESOURCE CONSENT

NOTES

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Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	TCH	05/2025
B	FAST TRACK APP	TCH	05/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
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Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

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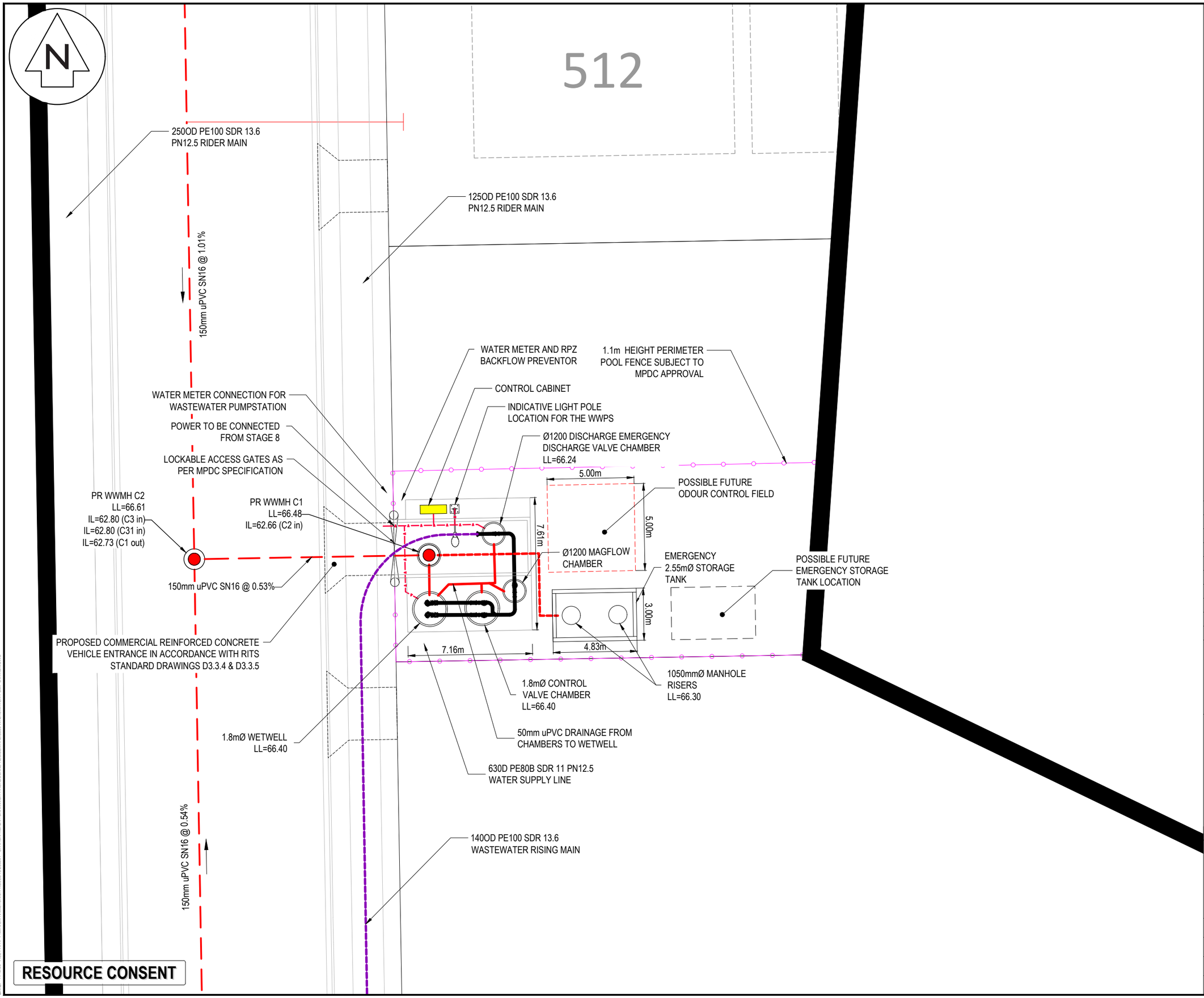
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED CENTRAL WASTEWATER PUMP TYPICAL SECTIONS

Project no.	289001		
Scale	NTS @ A3		
Cad file	C530-WASTEWATER-PUMP STATION.DWG		
Drawing no.	C530-3	Rev	C



Notes

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13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend

- EX BOUNDARY
- PROP BOUNDARY
- EX WASTEWATER
- PR WASTEWATER
- PR STORMWATER
- EX/PROP WWMH
- EX/PROP SWMH
- WW LOT CONNECTION

D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	TCH	05/2025
B	FAST TRACK APP	TCH	05/2025
A	FAST TRACK APP	TCH	04/2025
Rev	Description	By	Date

	By	Date
Survey	MAVEN	05/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
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info@maven.co.nz
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Auckland 1023

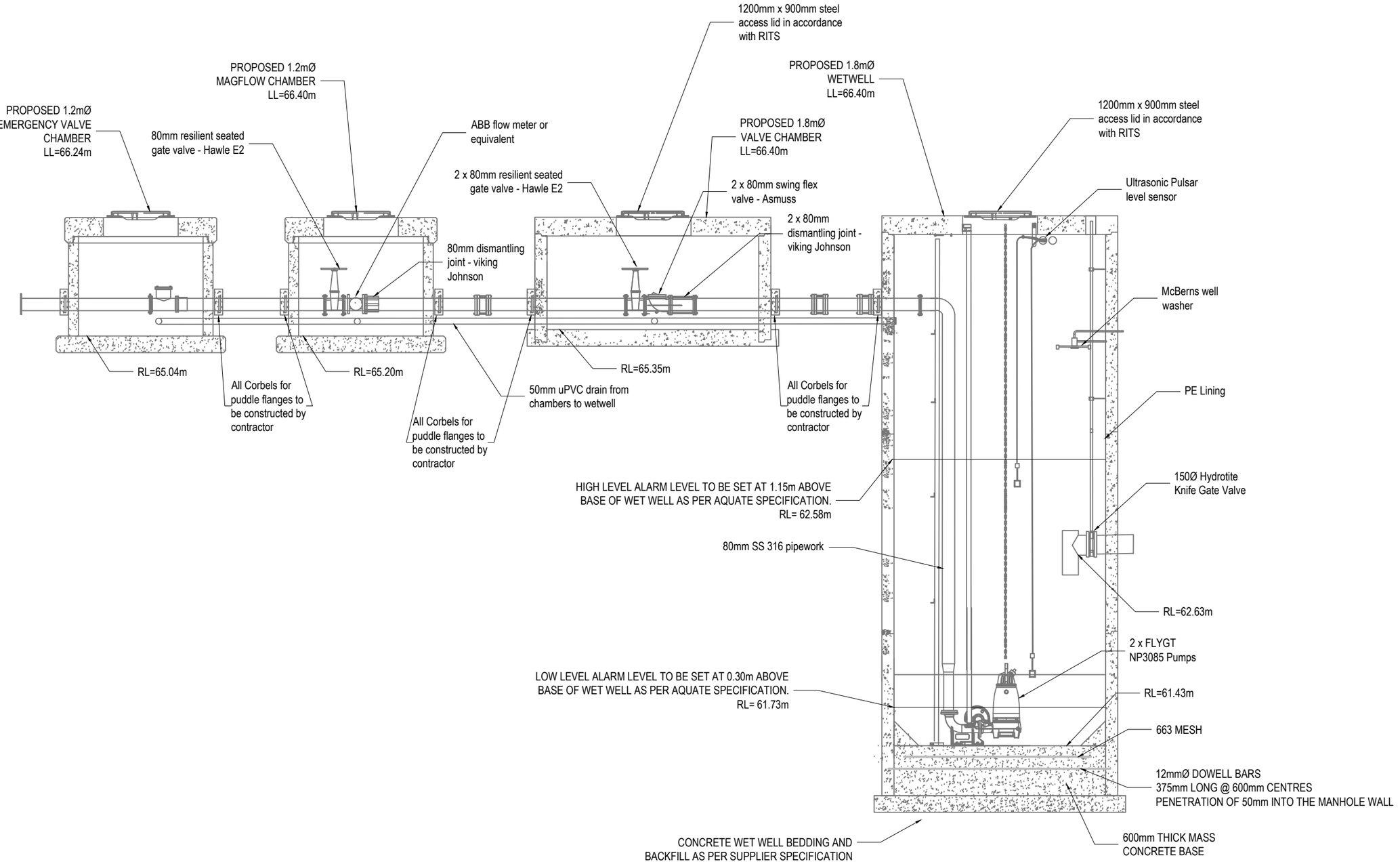
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED NORTHERN WASTEWATER PUMP STATION LAYOUT PLAN

Project no.	289001
Scale	1:200 @ A3
Cad file	C530-WASTEWATER-PUMP STATION.DWG
Drawing no.	C535-1 Rev C



WASTEWATER PUMP STATION TYPICAL CROSS SECTION

SCALE: NTS

RESOURCE CONSENT

NOTES

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Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	TCH	05/2025
B	FAST TRACK APP	TCH	05/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
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Maven Associates
09 571 0050
info@maven.co.nz
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5 Owens Road, Epsom
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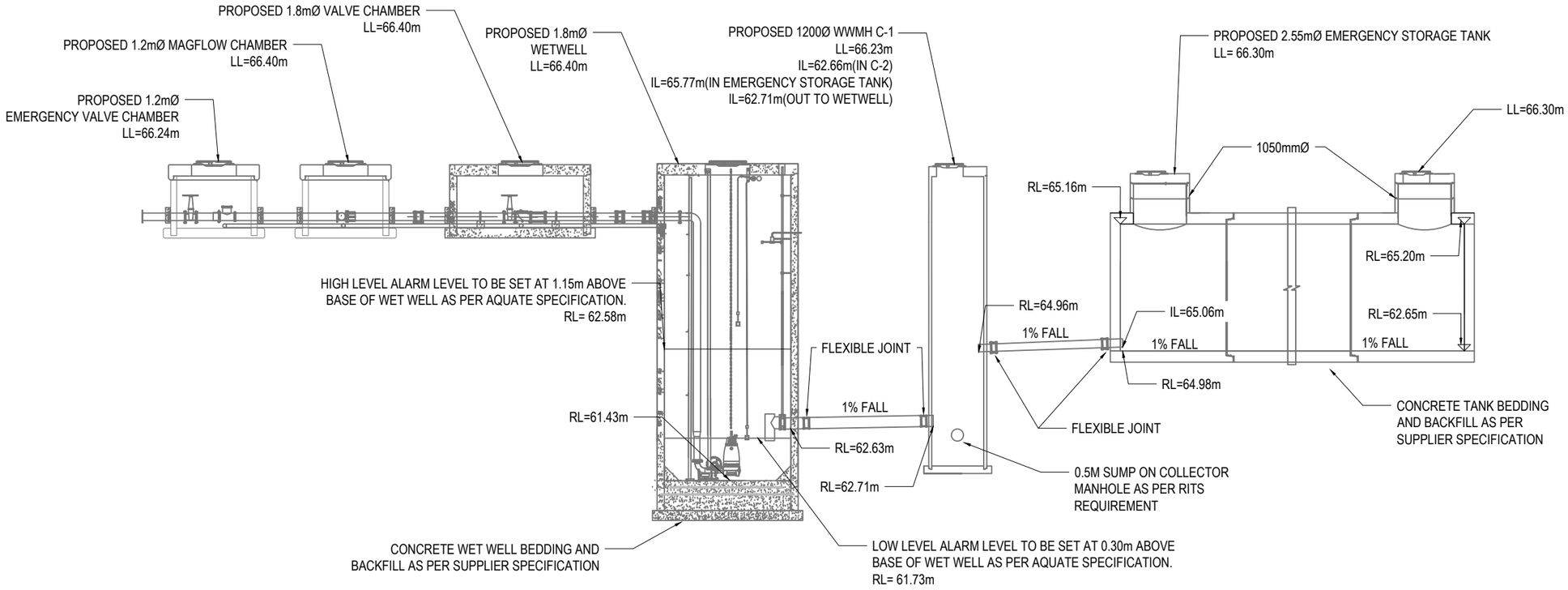
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

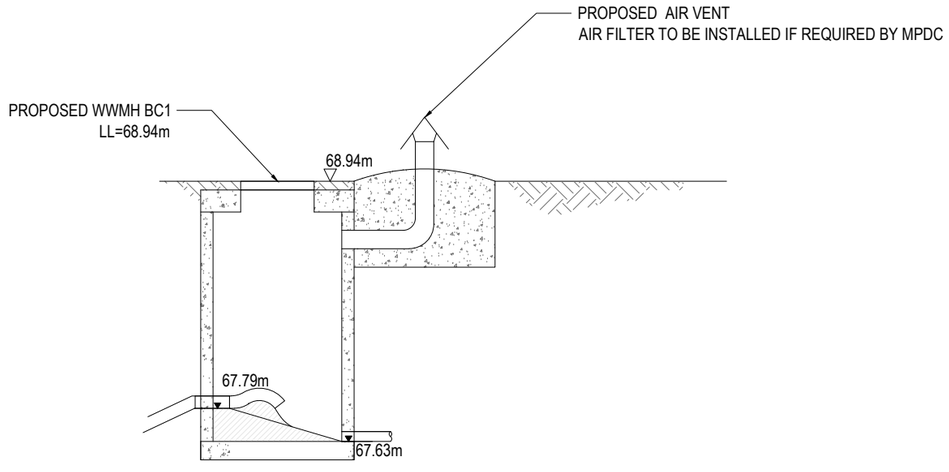
PROPOSED NORTHERN WASTEWATER PUMP TYPICAL CROSS SECTION

Project no.	289001		
Scale	NTS @ A3		
Cad file	C530-WASTEWATER-PUMP STATION.DWG		
Drawing no.	C535-2	Rev	C



WASTEWATER PUMP STATION TYPICAL CROSS SECTION

SCALE: NTS



WASTEWATER PUMP STATION DISCHARGE MANHOLE TYPICAL CROSS SECTION

SCALE: NTS

RESOURCE CONSENT

NOTES

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Rev	Description	By	Date
D	FAST TRACK APP	RJM	11/2025
C	FAST TRACK APP	TCH	05/2025
B	FAST TRACK APP	TCH	05/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	04/2025

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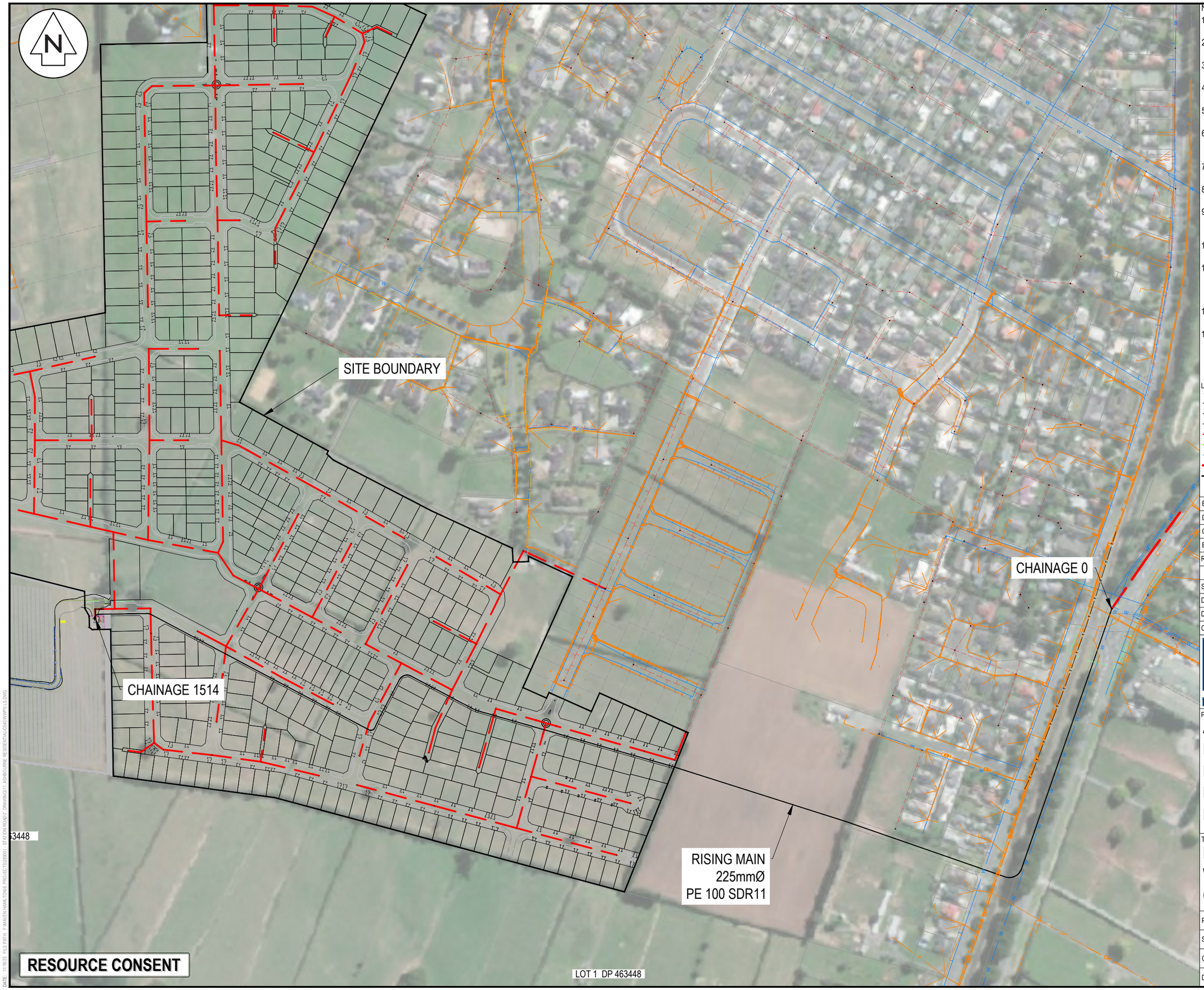
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED NORTHERN WASTEWATER PUMP TYPICAL CROSS SECTION

Project no.	289001		
Scale	NTS @ A3		
Cad file	C530-WASTEWATER-PUMP STATION.DWG		
Drawing no.	C535-3	Rev	C



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Legend

- EX BDY
- EX TELECOM
- EX POWER
- EX GAS
- EX WASTEWATER
- EX STORMWATER
- EX WATER SUPPLY
- PROP WW
- WW RISING MAIN
- EX/PROP WWMH

Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

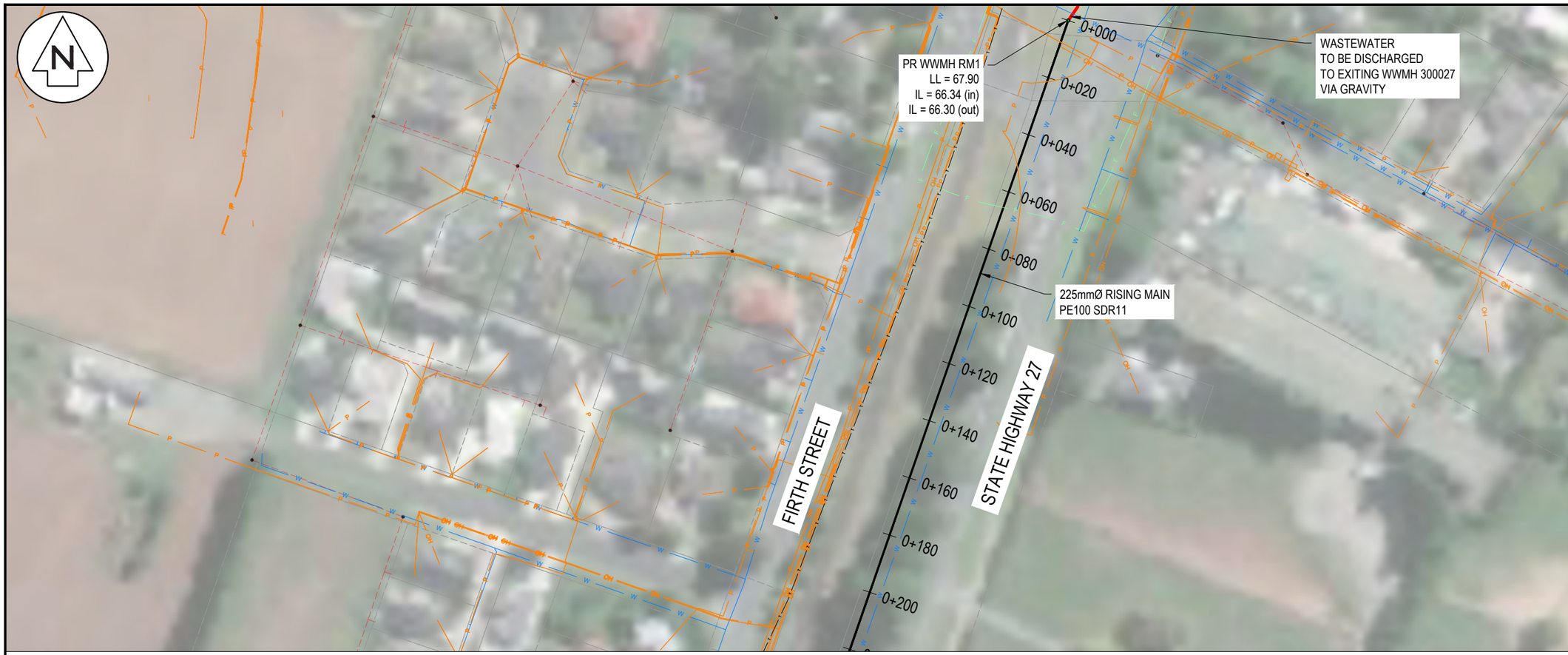
Project

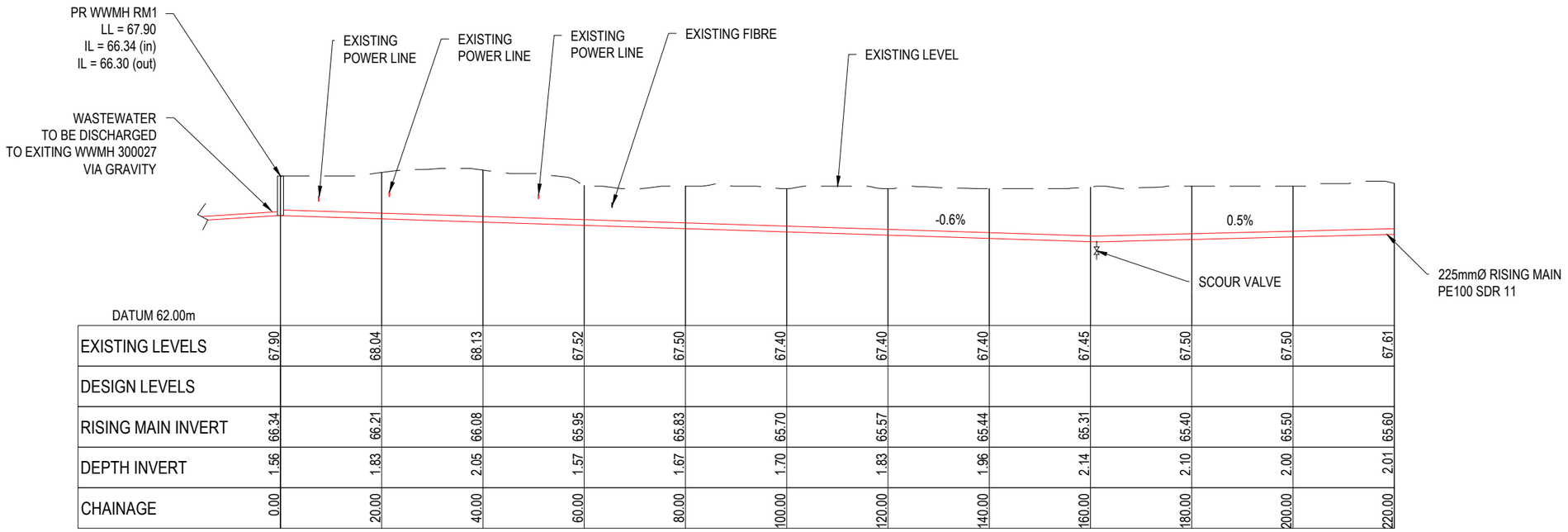
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WWPS RISING MAIN OVERVIEW PLAN

Project no.	289001		
Scale	1:4000 @ A3		
Cad file	C540-WWPS LS.DWG		
Drawing no.	C540	Rev	E





DATUM 62.00m											
EXISTING LEVELS	67.90	68.04	68.13	67.52	67.50	67.40	67.40	67.40	67.45	67.50	67.50	67.61
DESIGN LEVELS												
RISING MAIN INVERT	66.34	66.21	66.08	65.95	65.83	65.70	65.57	65.44	65.31	65.40	65.50	65.60
DEPTH INVERT	1.56	1.83	2.05	1.57	1.67	1.70	1.83	1.96	2.14	2.10	2.00	2.01
CHAINAGE	0.00	20.00	40.00	60.00	80.00	100.00	120.00	140.00	160.00	180.00	200.00	220.00

LONGSECTION - CATCHMENT B (RISING MAIN 1)
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. It is the Contractors responsibility to locate all services that may be affected by his operations.
5. Approved hardfill is to be used in backfilling of all road crossings to council standards.
6. Heavy duty manhole lids and frames to be used in trafficked areas, all manholes shall have stainless grates installed.
7. All lines are to be 150mmØ PVC Class SN16 unless shown otherwise.
8. All lot connections are to be 100mmØ PVC unless shown otherwise.
9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.
11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend
- EX BDY
- EX TELECOM
- EX POWER
- EX GAS
- EX WASTEWATER
- EX STORMWATER
- EX WATER SUPPLY
- PROP WW
- WW RISING MAIN
- EX/PROP WWMH

Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	MKS	04/2025

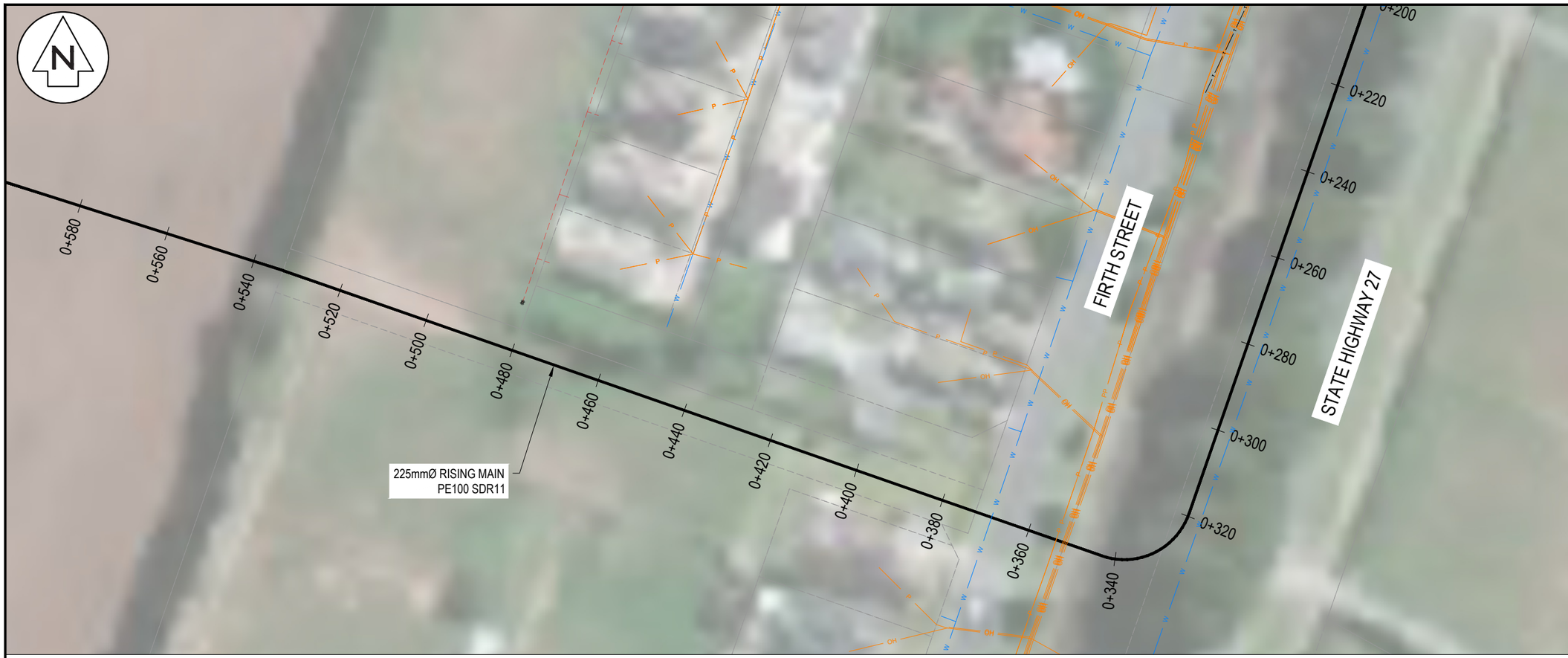
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WWPS RISING MAIN LONGSECTION

Project no.	289001
Scale	1:1500 @ A3
Cad file	C540-WWPS LS.DWG
Drawing no.	C540-1 Rev E



Notes

1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
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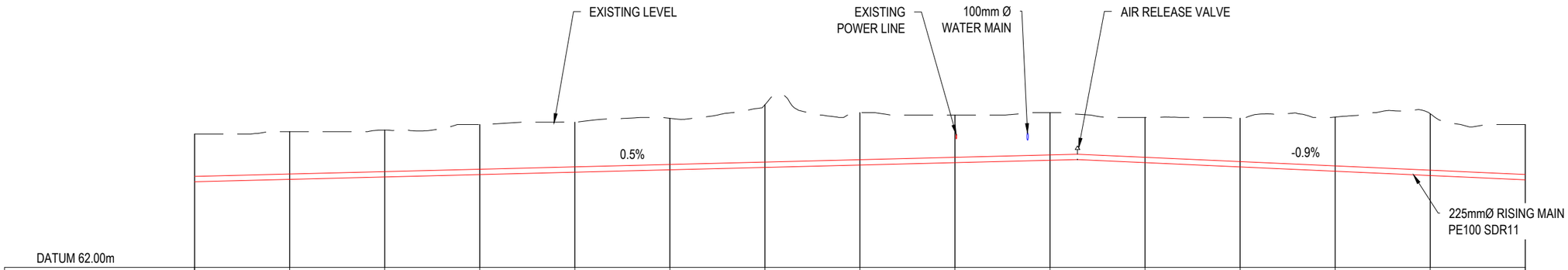
Legend

- EX BDY
- EX TELECOM
- EX POWER
- EX GAS
- EX WASTEWATER
- EX STORMWATER
- EX WATER SUPPLY
- PROP WW
- WW RISING MAIN
- EX/PROP WWMH



DATUM 62.00m

EXISTING LEVELS	67.61	67.70	67.77	68.00	68.10	68.26	68.83	68.50	68.40	68.50	68.30	68.27	68.32	68.46	68.00
DESIGN LEVELS															
RISING MAIN INVERT	65.60	65.70	65.80	65.90	66.00	66.10	66.20	66.30	66.40	66.50	66.40	66.22	66.04	65.86	65.68
DEPTH INVERT	2.01	2.00	1.97	2.10	2.10	2.17	2.63	2.20	2.00	2.00	1.90	2.05	2.28	2.60	2.32
CHAINAGE	220.00	240.00	260.00	280.00	300.00	320.00	340.00	360.00	380.00	400.00	420.00	440.00	460.00	480.00	500.00

LONGSECTION - CATCHMENT B (RISING MAIN 1 CONT.)
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WWPS RISING MAIN LONGSECTION

Project no.	289001
Scale	1:1000 @ A3
Cad file	C540-WWPS LS.DWG
Drawing no.	C540-2 Rev E

Notes

1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. It is the Contractors responsibility to locate all services that may be affected by his operations.
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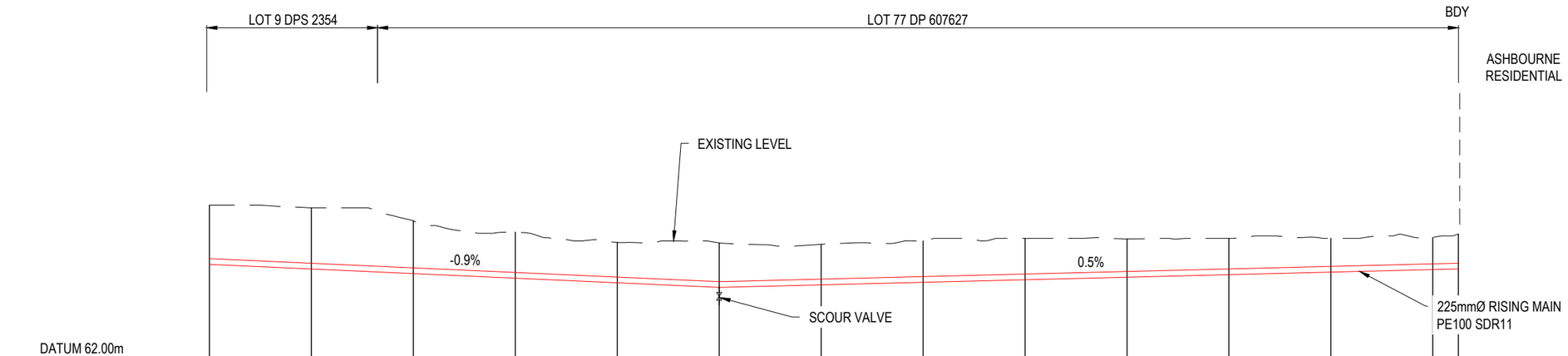
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Legend

- EX BDY
- EX TELECOM
- EX POWER
- EX GAS
- EX WASTEWATER
- EX STORMWATER
- EX WATER SUPPLY
- PROP WW
- WW RISING MAIN
- EX/PROP WWMH



DATUM 62.00m

EXISTING LEVELS	68.00	67.90	67.39	66.95	66.54	66.52	66.47	66.60	66.70	66.68	66.70	66.70	66.74	66.87
DESIGN LEVELS														
RISING MAIN INVERT	65.68	65.50	65.32	65.14	64.96	64.78	64.88	64.98	65.08	65.18	65.28	65.38	65.48	65.50
DEPTH INVERT	2.32	2.40	2.07	1.81	1.59	1.74	1.59	1.62	1.62	1.50	1.42	1.32	1.26	1.37
CHAINAGE	500.00	520.00	540.00	560.00	580.00	600.00	620.00	640.00	660.00	680.00	700.00	720.00	740.00	745.00

LONGSECTION - CATCHMENT B (RISING MAIN 1 CONT.)
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	MKS	04/2025

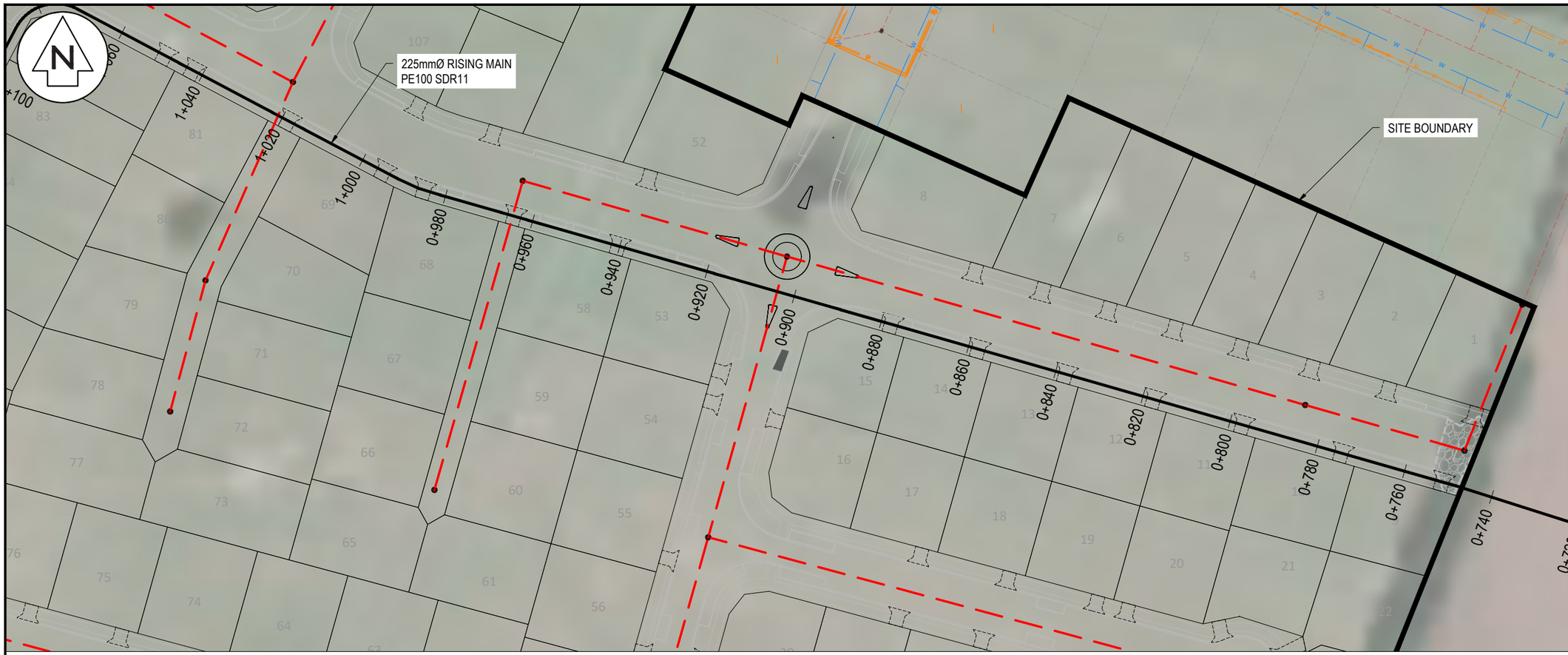
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WWPS RISING MAIN LONGSECTION

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C540-WWPS LS.DWG		
Drawing no.	C540-3	Rev	E



Notes

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2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
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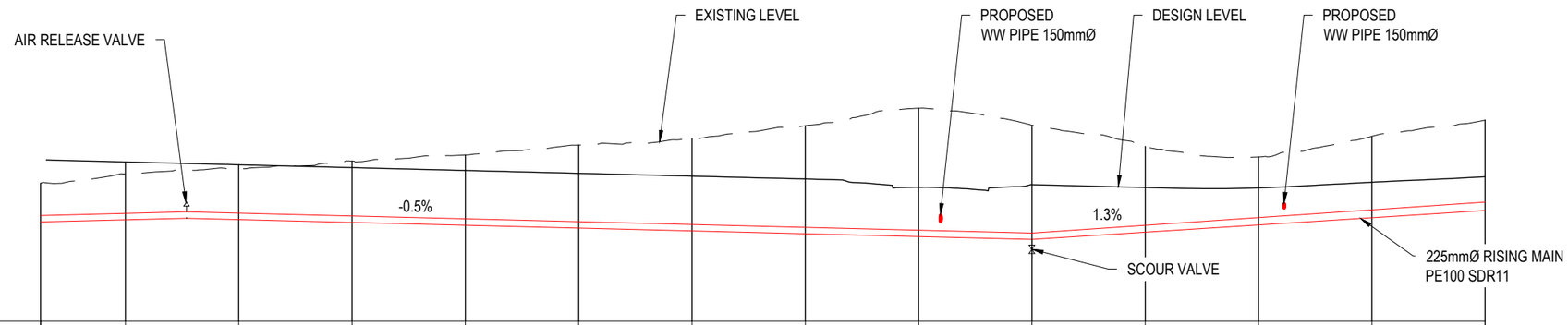
Legend

- EX BDY
- EX TELECOM
- EX POWER
- EX GAS
- EX WASTEWATER
- EX STORMWATER
- EX WATER SUPPLY
- PROP WW
- WW RISING MAIN
- EX/PROP WWMH



DATUM 62.00m

EXISTING LEVELS	66.87	67.19	67.36	67.65	67.87	68.22	68.45	68.90	69.52	68.92	68.17	67.80	68.53	69.10
DESIGN LEVELS		67.62	67.52	67.42	67.32	67.22	67.12	67.02	66.72	66.82	66.72	66.70	66.90	67.10
RISING MAIN INVERT	65.50	65.58	65.59	65.49	65.39	65.29	65.19	65.09	64.99	64.89	65.14	65.40	65.65	65.91
DEPTH INVERT		2.04	1.93	1.93	1.93	1.93	1.93	1.93	1.74	1.93	1.58	1.31	1.25	1.19
CHAINAGE	745.00	760.00	780.00	800.00	820.00	840.00	860.00	880.00	900.00	920.00	940.00	960.00	980.00	1000.00

LONGSECTION - CATCHMENT B (RISING MAIN 1 CONT.)
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	MKS	04/2025

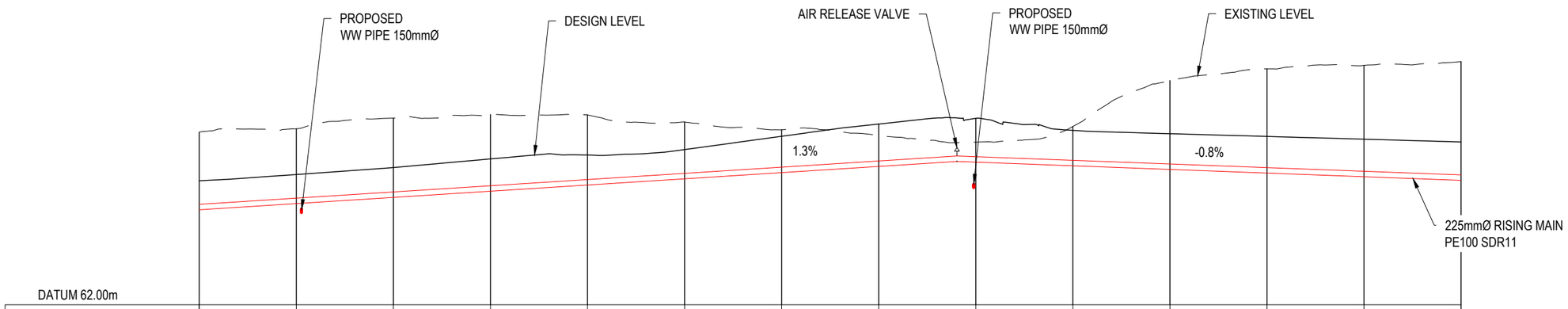
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WWPS RISING MAIN LONGSECTION

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C540-WWPS LS.DWG		
Drawing no.	C540-4	Rev	E



DATUM 62.00m

CHAINAGE	1000.00	1020.00	1040.00	1060.00	1080.00	1100.00	1120.00	1140.00	1160.00	1180.00	1200.00	1220.00	1240.00	1260.00
EXISTING LEVELS	69.10	69.24	69.67	69.82	69.81	69.52	69.20	68.97	68.69	69.33	71.23	71.70	71.85	72.00
DESIGN LEVELS	67.10	67.36	67.64	68.00	68.16	68.38	68.93	69.43	69.67	69.17	69.04	68.92	68.81	68.70
RISING MAIN INVERT	65.91	66.16	66.42	66.67	66.92	67.18	67.43	67.69	67.87	67.72	67.57	67.42	67.27	67.12
DEPTH INVERT	1.19	1.20	1.23	1.33	1.23	1.20	1.50	1.75	1.80	1.46	1.47	1.51	1.54	1.58

LONGSECTION - CATCHMENT B (RISING MAIN 1 CONT.)
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
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Legend
- EX BDY
- EX TELECOM
- EX POWER
- EX GAS
- EX WASTEWATER
- EX STORMWATER
- EX WATER SUPPLY
- PROP WW
- WW RISING MAIN
- EX/PROP WWMH

Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	MKS	04/2025

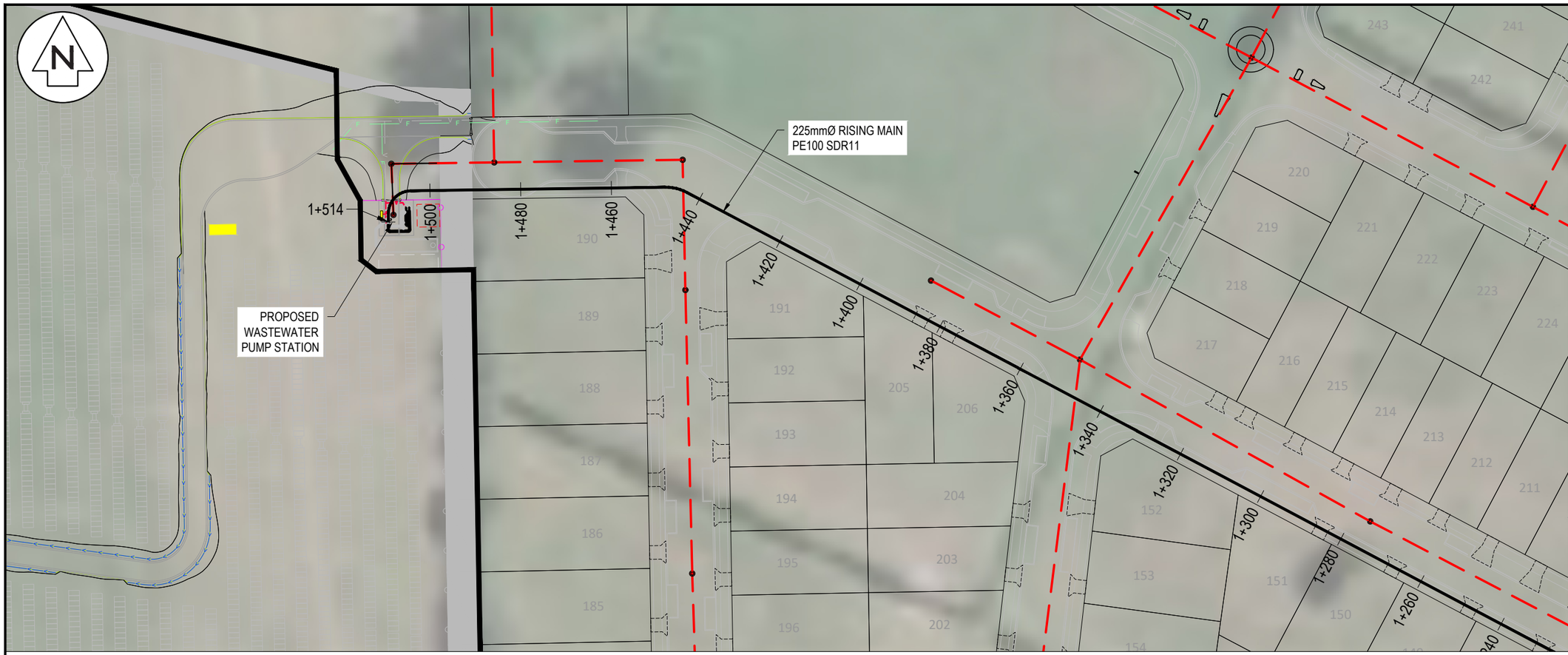
	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WWPS RISING MAIN LONGSECTION

Project no.	289001
Scale	1:1000 @ A3
Cad file	C540-WWPS LS.DWG
Drawing no.	C540-5
Rev	E



Notes

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Legend

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- EX WATER SUPPLY
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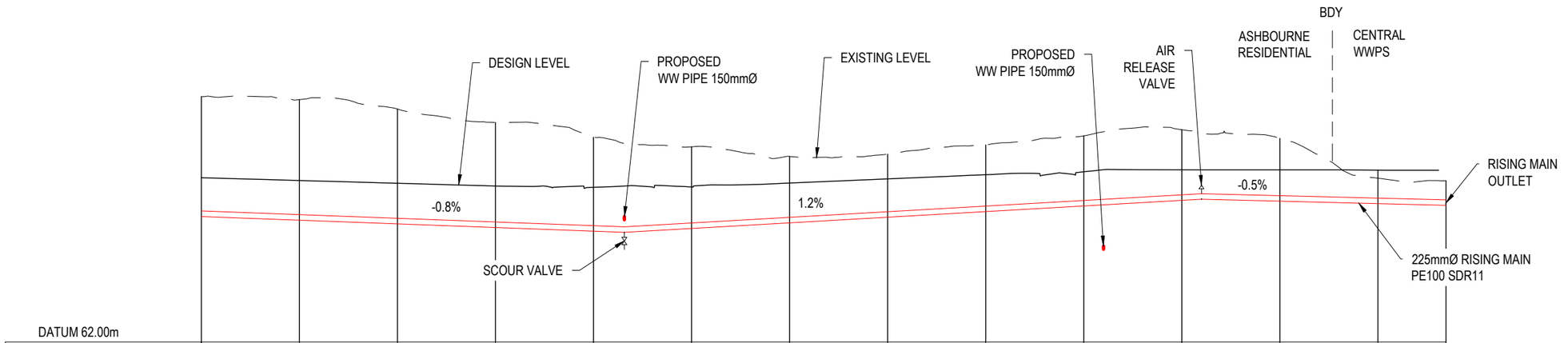

DATUM 62.00m

EXISTING LEVELS	72.00	71.88	71.50	70.95	70.35	69.96	69.56	69.66	70.04	70.40	70.65	70.30	68.68	68.57
DESIGN LEVELS	68.70	68.58	68.47	68.36	68.31	68.32	68.48	68.65	68.82	68.94	69.02	69.02	69.00	
RISING MAIN INVERT	67.12	66.97	66.82	66.67	66.52	66.63	66.86	67.08	67.31	67.54	67.77	67.74	67.64	67.57
DEPTH INVERT	1.58	1.62	1.66	1.69	1.79	1.70	1.62	1.56	1.51	1.39	1.25	1.28	1.36	
CHAINAGE	1260.00	1280.00	1300.00	1320.00	1340.00	1360.00	1380.00	1400.00	1420.00	1440.00	1460.00	1480.00	1500.00	1513.89

LONGSECTION - CATCHMENT B (RISING MAIN 1 CONT.)
SCALE 1:1000 HORI & 1:200 VERTICAL @ A3

RESOURCE CONSENT

Rev	Description	By	Date
E	FAST TRACK APP	RJM	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	MKS	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	MKS	04/2025
Drawn	MKS	04/2025
Checked	DJM	06/2025

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09 571 0050
info@maven.co.nz
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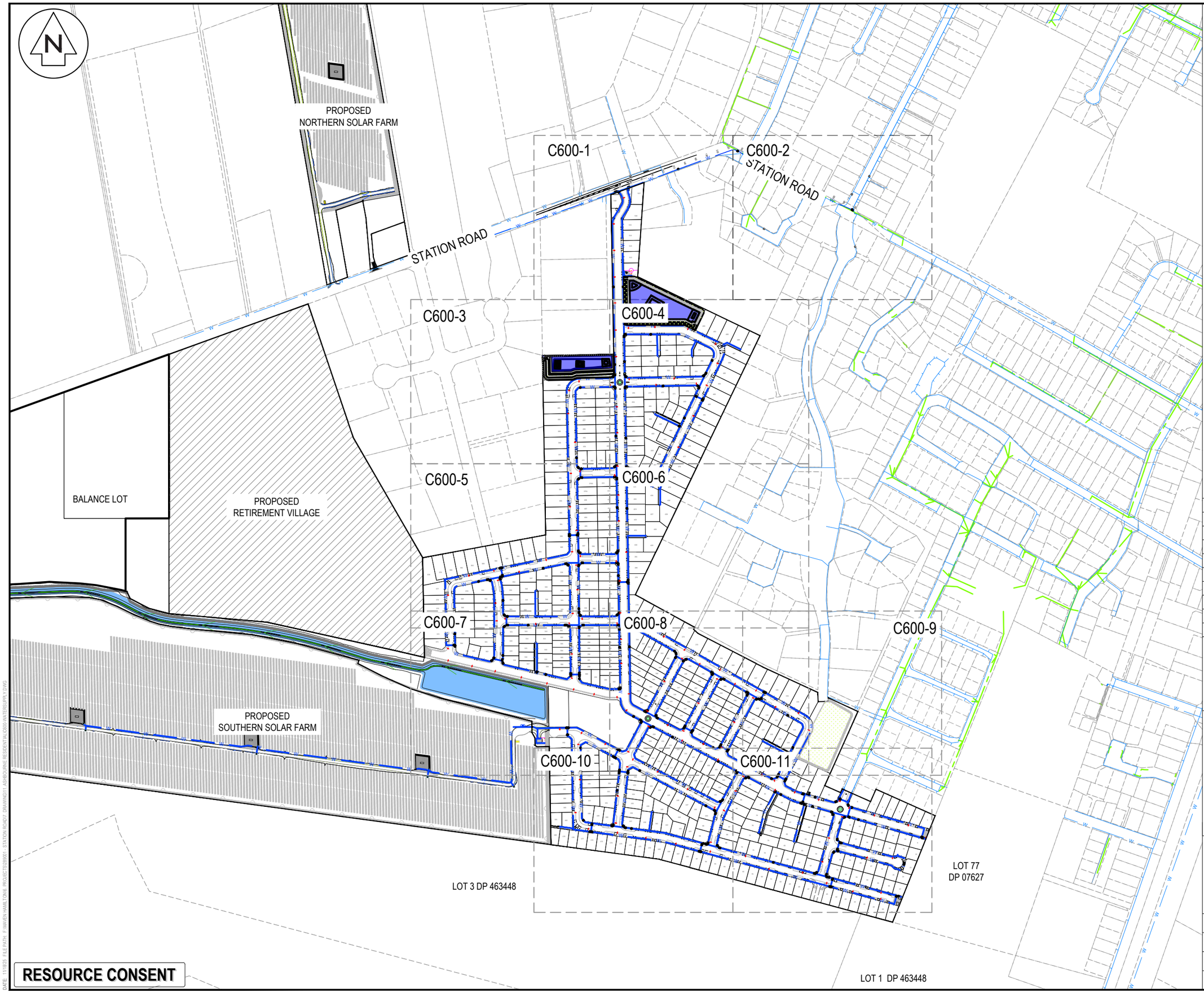
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WWPS RISING MAIN LONGSECTION

Project no.	289001
Scale	1:1000 @ A3
Cad file	C540-WWPS LS.DWG
Drawing no.	C540-6 Rev E



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
4. BENCHMARK: IT I DPS 29877 RL:65.51. SOURCED FROM THE LINZ GEODETIC DATABASE.
5. ALL WATER LINES TO BE BLANK CAPPED BEYOND STAGING BOUNDARY. CONTRACTOR TO MAKE SURE BLANK CAP IS OUTSIDE OF FOOTPATH EXTENTS AND ACCESSIBLE FOR FUTURE EXTENSIONS.
6. ALL TOBIES WITHIN RIGHT OF WAYS (ROW) TO BE PLACED IN HEAVY DUTY TRAFFICABLE MANIFOLD BOX.
7. EXISTING SERVICES SHOWN ARE FROM B4UDIG AND ARE INDICATIVE ONLY. CONTRACTOR TO CONFIRM THEIR LOCATION PRIOR TO CONSTRUCTION.
8. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.

Legend

- PR BOUNDARY
- EX BDY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
E	FAST TRACK APP	GNT	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

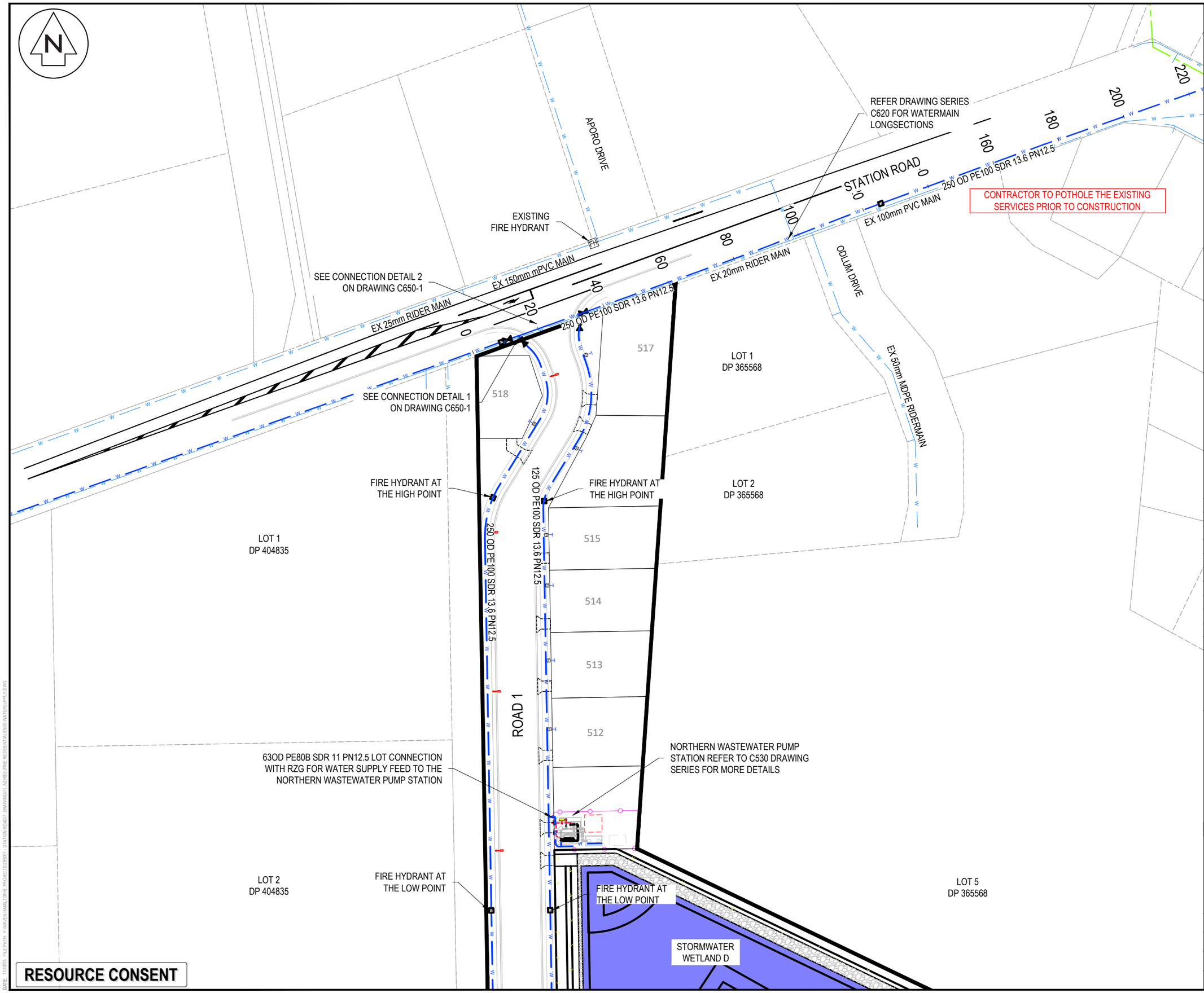
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY KEY PLAN

Project no.	289001		
Scale	1:6000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600	Rev	E

RESOURCE CONSENT

DATE: 11/9/25 FILE PATH: F:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG



RESOURCE CONSENT

DATE 11/10/25 FILE PATH: F:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
4. BENCHMARK: IT I DPS 29877 RL:65.51. SOURCED FROM THE LINZ GEODETIC DATABASE.
5. ALL WATER LINES TO BE BLANK CAPPED BEYOND STAGING BOUNDARY. CONTRACTOR TO MAKE SURE BLANK CAP IS OUTSIDE OF FOOTPATH EXTENTS AND ACCESSIBLE FOR FUTURE EXTENSIONS.
6. ALL TOBIES WITHIN RIGHT OF WAYS (ROW) TO BE PLACED IN HEAVY DUTY TRAFFICABLE MANIFOLD BOX.
7. EXISTING SERVICES SHOWN ARE FROM B4UDIG AND ARE INDICATIVE ONLY. CONTRACTOR TO CONFIRM THEIR LOCATION PRIOR TO CONSTRUCTION.
8. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.

Legend

- PR BOUNDARY
- EX BDY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
E	FAST TRACK APP	MKS	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton New Zealand

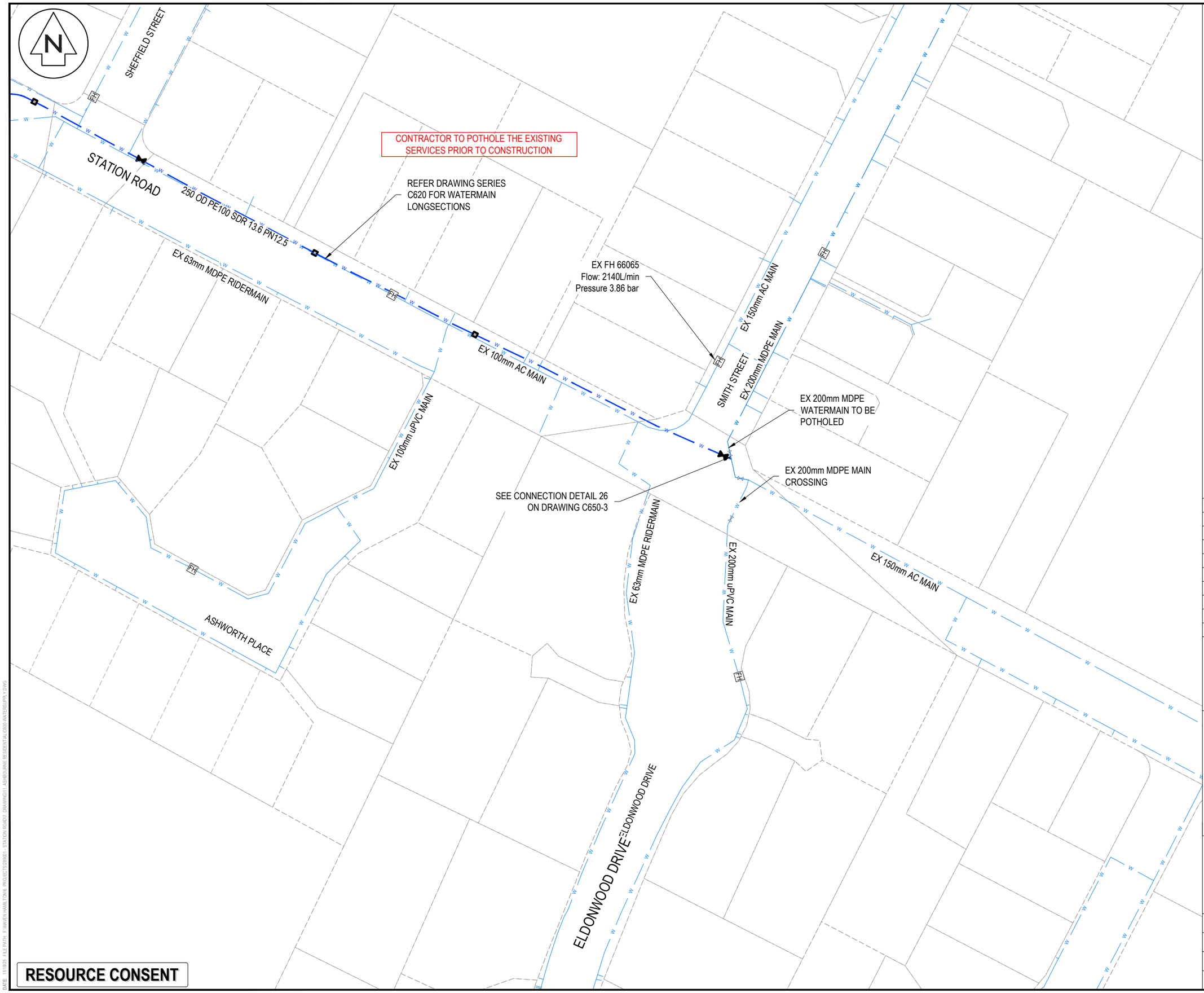
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WATER SUPPLY PLAN SHEET 1 OF 11

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-1	Rev	E



NOTES

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Legend

- PR BOUNDARY
- EX BDY
- W EX WATERMAIN
- FH EX/PR HYDRANT
- WM EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- W PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

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07 242 0601
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www.maven.co.nz
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New Zealand

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

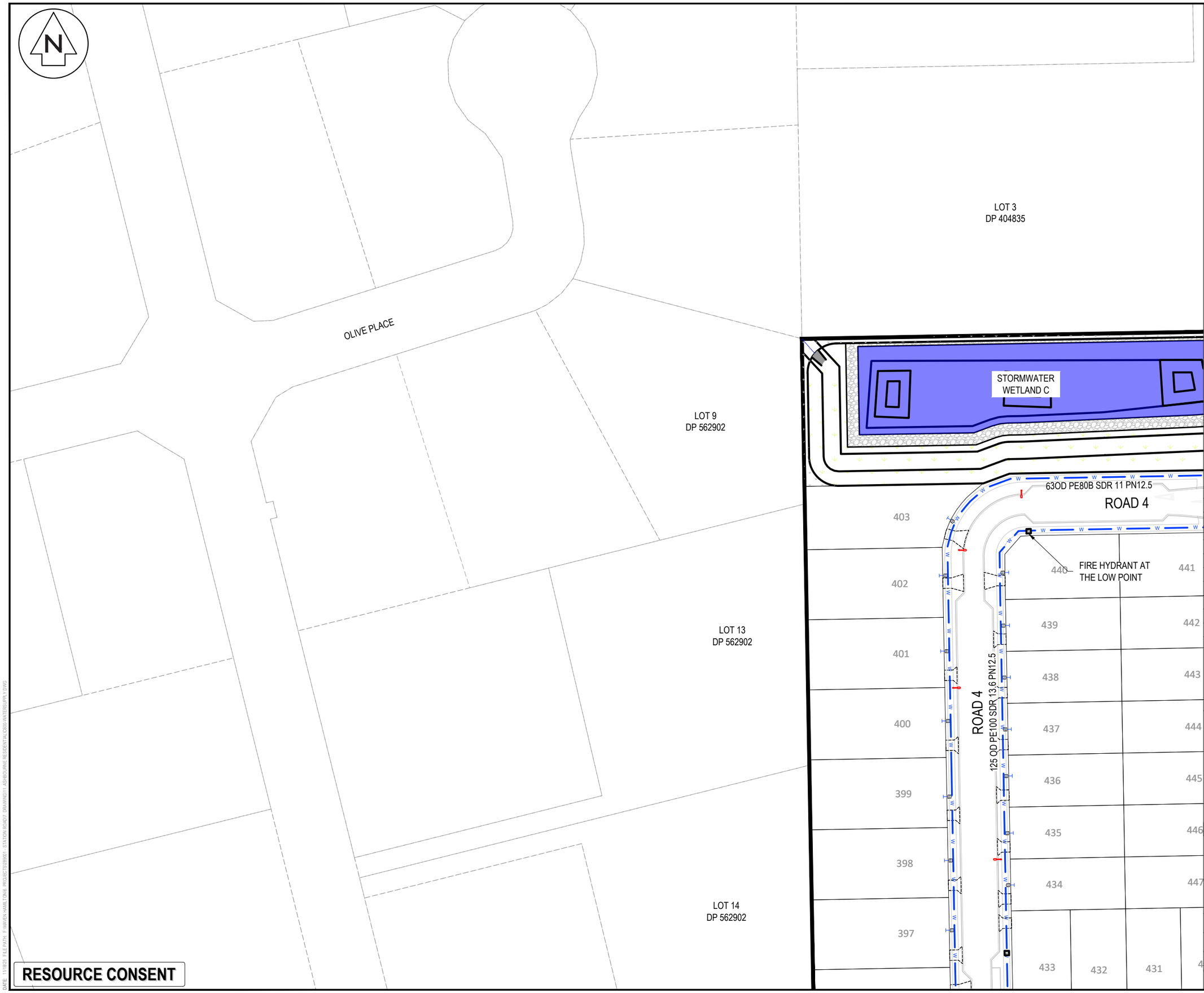
Title

PROPOSED WATER SUPPLY PLAN SHEET 2 OF 11

Project no.	289001
Scale	1:1000 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-2 Rev D

RESOURCE CONSENT

DATE: 11/16/25 FILE PATH: F:\MAVEN HAMILTON\ PROJECTS\289001 - STATION ROAD\7 DRAWINGS\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG



RESOURCE CONSENT

NOTES

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Legend

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- EX BDY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
E	FAST TRACK APP	MKS	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WATER SUPPLY PLAN SHEET 3 OF 11

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-3	Rev	E

STORMWATER WETLAND D

SEE CONNECTION DETAIL 3 ON DRAWING C650-1

125 OD PE100 SDR 13.6 PN12.5 ROAD CROSSING

63OD PE80B SDR 11 PN12.5

ROAD 2

125 OD PE100 SDR 13.6 PN12.5

250 OD PE100 SDR 13.6 PN12.5

SEE CONNECTION DETAIL 4 ON DRAWING C650-1

4 X 25 OD PE80B PN12.5 SDR 11 PRIVATE LOT CONNECTIONS

SEE CONNECTION DETAIL 7 ON DRAWING C650-1

3 X 25 OD PE80B PN12.5 SDR 11 PRIVATE LOT CONNECTIONS

250 OD PE100 SDR 13.6 PN12.5 ROAD CROSSING

SEE CONNECTION DETAIL 3 ON DRAWING C650-1

125 OD PE100 SDR 13.6 PN12.5 ROAD CROSSING

63OD PE80B SDR 11 PN12.5

ROAD 3

125 OD PE100 SDR 13.6 PN12.5

ROAD 1

SEE CONNECTION DETAIL 4 ON DRAWING C650-1

SEE CONNECTION DETAIL 8 ON DRAWING C650-1

SEE CONNECTION DETAIL 27 ON DRAWING C650-3

125 OD PE100 SDR 13.6 PN12.5 ROAD CROSSING

63OD PE80B SDR 11 PN12.5

ROAD 2

SEE CONNECTION DETAIL 9 ON DRAWING C650-1

SEE CONNECTION DETAIL 5 ON DRAWING C650-1

125 OD PE100 SDR 13.6 PN12.5 ROAD CROSSING

SEE CONNECTION DETAIL 6 ON DRAWING C650-1

SEE CONNECTION DETAIL 22 ON DRAWING C650-3

2 X 25 OD PE80B PN12.5 SDR 11 PRIVATE LOT CONNECTIONS

LOT 18 DP 386534

LOT 20 DP 386534

LOT 24 DP 386534

LOT 26 DP 386534

LOT 28 DP 386534

ELDONWOOD DRIVE

NOTES

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Legend

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- EX BDY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
E	FAST TRACK APP	MKS	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN SHEET 4 OF 11

Project no.	289001
Scale	1:1000 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-4 Rev E

RESOURCE CONSENT

N

LOT 16
DP 562902

LOT 17
DP 562902

LOT 18
DP 562902

LOT 2
DP 21055

HIGHGROVE AVENUE

ROAD 2

ROAD 4

ROAD 5

ROAD 6

ROAD 9

125 OD PE100 SDR 13.6 PN12.5
ROAD CROSSING

63OD PE80B SDR 11 PN12.5

125 OD PE100 SDR 13.6 PN12.5

SEE CONNECTION DETAIL 3
ON DRAWING C650-1

SEE CONNECTION DETAIL 4
ON DRAWING C650-1

SEE CONNECTION DETAIL 22
ON DRAWING C650-3

SEE CONNECTION DETAIL 27
ON DRAWING C650-3

SEE CONNECTION DETAIL 10
ON DRAWING C650-2

SEE CONNECTION DETAIL 11
ON DRAWING C650-2

SEE CONNECTION DETAIL 15
ON DRAWING C650-2

4 X 25 OD PE80B PN12.5 SDR 11
PRIVATE LOT CONNECTIONS

SEE CONNECTION DETAIL 13
ON DRAWING C650-2

396 395 394 393 392 391 390 389 388 387 385 384 383 382 381 380 379 378 377 376 375 374 369 368 367 366 356 357 358 359 354 353 352 351 348 349 350 345 346 347 344 343 342 341 340 339 338 411 2751 408 407 406 405 404 329 330 331 333

NOTES

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Legend

- PR BOUNDARY
- EX BDY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
E	FAST TRACK APP	GNT	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN SHEET 5 OF 11

Project no.	289001
Scale	1:1000 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-5 Rev E

RESOURCE CONSENT

DATE 11/09/25 FILEPATH: P:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG

SEE CONNECTION DETAIL 11
ON DRAWING C650-2

250 OD PE100 SDR
13.6 PN12.5
ROAD CROSSING

125 OD PE100 SDR 13.6 PN12.5
ROAD CROSSING

125 OD PE100 SDR
13.6 PN12.5

63OD PE80B SDR 11 PN12.5

ROAD 2

457 476 475 474 429 428 427 426 425 424 423 422 421 420 419 418

411 412 413 414 415 416 417

335 334

281 280 279 278 277 276 275

327 325 324 323 322

ROAD 1

250 OD PE100 SDR 13.6 PN12.5

125 OD PE100 SDR 13.6 PN12.5

SEE CONNECTION DETAIL 10
ON DRAWING C650-2

SEE CONNECTION DETAIL 7
ON DRAWING C650-1

SEE CONNECTION DETAIL 8
ON DRAWING C650-1

3 X 25 OD PE80B PN12.5 SDR 11
PRIVATE LOT CONNECTIONS

CHESTNUT LANE

EX 63mm RIDER MAIN

EX 125mm MDPE MAIN

LOT 44
DP 386534

LOT 47
DP 393306

LOT 43
DP 393306

SEE CONNECTION DETAIL 3
ON DRAWING C650-1

SEE CONNECTION DETAIL 16
ON DRAWING C650-2

SEE CONNECTION DETAIL 17
ON DRAWING C650-2

125 OD PE100 SDR 13.6 PN12.5
ROAD CROSSING

N

NOTES

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Legend

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- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN SHEET 6 OF 11

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-6	Rev	D

RESOURCE CONSENT

DATE 11:19:25 FILEPATH: P:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWINGS\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG

N

63OD PE80B SDR 11 PN12.5

90° FITTED BEND

ROAD 5

125 OD PE100 SDR 13.6 PN12.5

SEE CONNECTION DETAIL 18
ON DRAWING C650-2

63OD PE80B SDR 11 PN12.5

ROAD 6

125 OD PE100 SDR 13.6 PN12.5

FIRE HYDRANT
LOCATED AT
THE LOW POINT

63OD PE80B
SDR 11 PN12.5

ROAD 4

125 OD PE100 SDR 13.6 PN12.5

63OD PE80B SDR 11 PN12.5

ROAD 7

SEE CONNECTION DETAIL 3
ON DRAWING C650-1

SEE CONNECTION DETAIL 4
ON DRAWING C650-1

SEE CONNECTION DETAIL 3
ON DRAWING C650-1

SEE CONNECTION DETAIL 9
ON DRAWING C650-1

125 OD PE100 SDR 13.6 PN12.5
ROAD CROSSING

125 OD PE100 SDR 13.6 PN12.5

SEE CONNECTION DETAIL 4
ON DRAWING C650-1

ROAD 7

125 OD PE100 SDR 13.6 PN12.5
ROAD CROSSING

STORMWATER
BASIN B

63OD PE80B SDR 11 PN12.5

GREEN SPACE

COMMERCIAL HUB

SEE CONNECTION DETAIL 22
ON DRAWING C650-3

63OD PE80B SDR 11 PN12.5

25OD PE80B SDR 11 PN12.5

63OD PE80B SDR 11 PN12.5 LOT CONNECTION
WITH RZG FOR WATER SUPPLY FEED TO THE
CENTRAL WASTEWATER PUMP STATION

90° FITTED BEND

SOUTHERN
SOLAR FARM

CENTRAL WASTEWATER PUMP
STATION REFER TO C530 DRAWING
SERIES FOR MORE DETAILS

ROAD 14

125 OD PE PN12.5

63OD PE80B SDR 11 PN12.5

RESOURCE CONSENT

DATE: 11/9/25 FILE PATH: F:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\7. DRAWING\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG

NOTES

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Legend

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- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
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info@maven.co.nz
www.maven.co.nz
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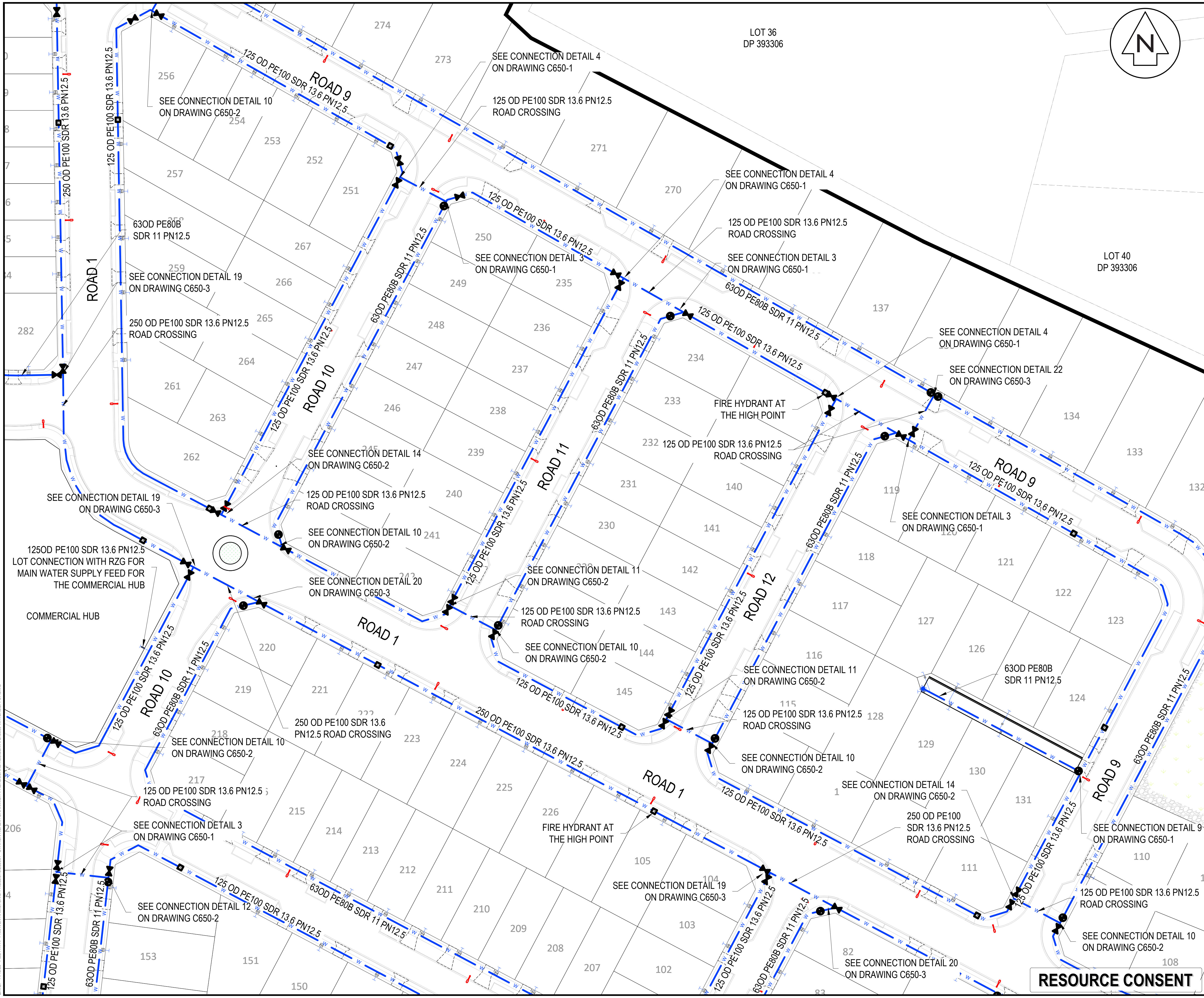
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WATER SUPPLY PLAN SHEET 7 OF 11

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-7	Rev	D



NOTES

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Legend

- PR BOUNDARY
- EX BDY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN SHEET 8 OF 11

Project no.	289001
Scale	1:1000 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-8
Rev	D

RESOURCE CONSENT

SEE CONNECTION DETAIL 22
ON DRAWING C650-3

EX 63mm RIDER MAIN

ELDONWOOD DRIVE

EX 200mm uPVC MAIN

LOT 40
DP 393306

268

FIRE HYDRANT AT
THE HIGH POINT

137

SEE CONNECTION DETAIL 4
ON DRAWING C650-1

136

125 OD PE100 SDR 13.6 PN12.5
ROAD CROSSING

SEE CONNECTION DETAIL 22
ON DRAWING C650-3

SEE CONNECTION DETAIL 27
ON DRAWING C650-3

63OD PE80B SDR 11 PN12.5

ROAD 9

63OD PE80B SDR 11 PN12.5

125 OD PE100 SDR 13.6 PN12.5

SEE CONNECTION DETAIL 3
ON DRAWING C650-1

133

132

119

118

121

122

117

127

123

116

63OD PE80B
SDR 11 PN12.5

125

124

128

129

130

131

113

112

111

110

109

STORMWATER
BASIN A

63OD PE80B SDR 11 PN12.5

125 OD PE100 SDR 13.6 PN12.5

ROAD 9

SEE CONNECTION DETAIL 9
ON DRAWING C650-1

125 OD PE100 SDR 13.6 PN12.5

LOT 106
DP 393306

LOT 14
DP 584421

LOT 15
DP 584421

LOT 16
DP 584421

LOT 17
DP 584421

LOT 18
DP 584421

LOT 19
DP 584421

TAPSELL DRIVE

PEAKEDALE DRIVE

BUXTON CRESCENT

BOWMAN ROAD

FH

RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
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3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
4. BENCHMARK: IT I DPS 29877 RL:65.51. SOURCED FROM THE LINZ GEODETIC DATABASE.
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- EX/PR PEET VALVE
- PR WATERMAIN
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- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
E	FAST TRACK APP	GNT	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	04/2025
B	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
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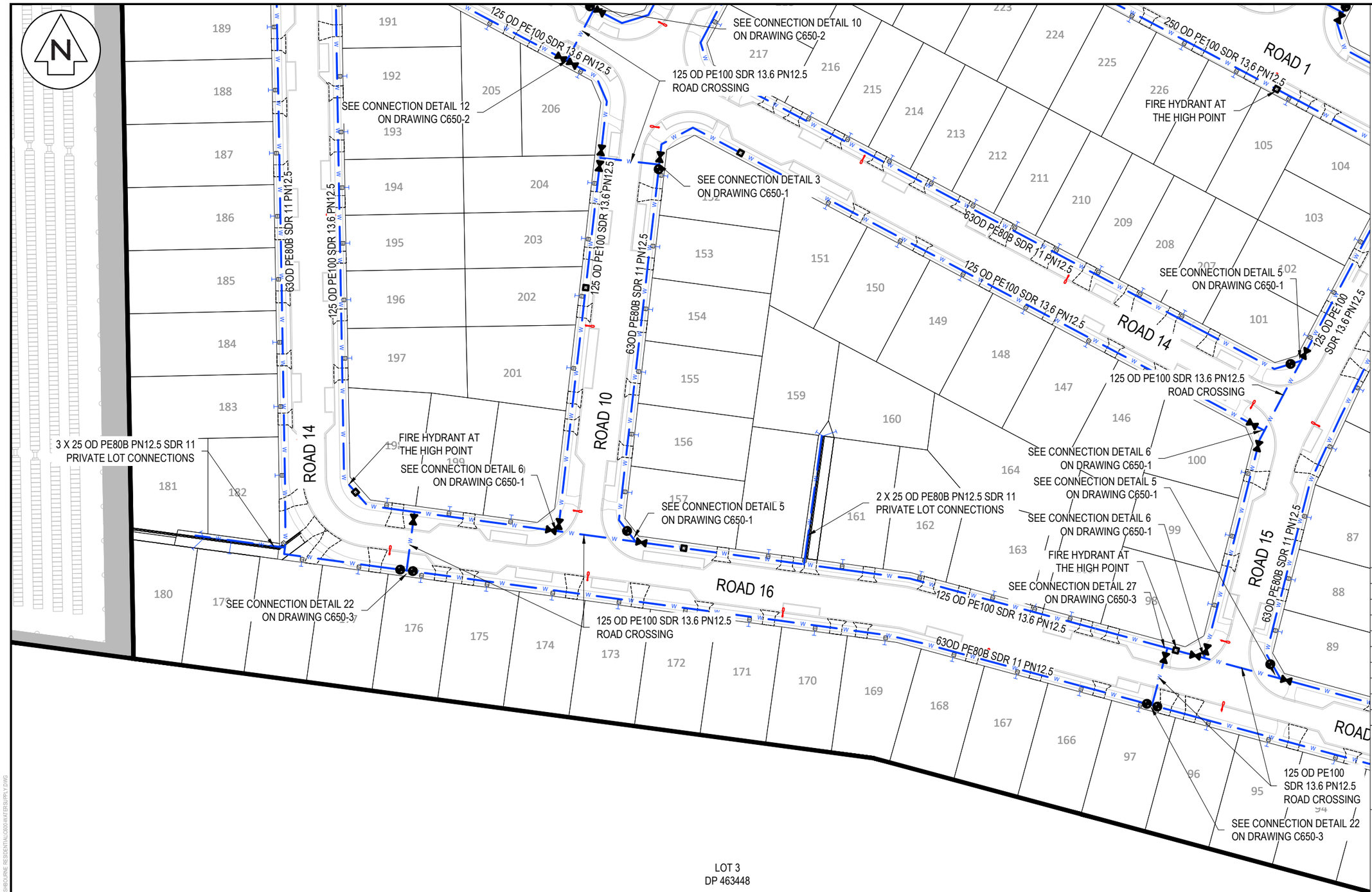
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN SHEET 9 OF 11

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-9	Rev	E



NOTES

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- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

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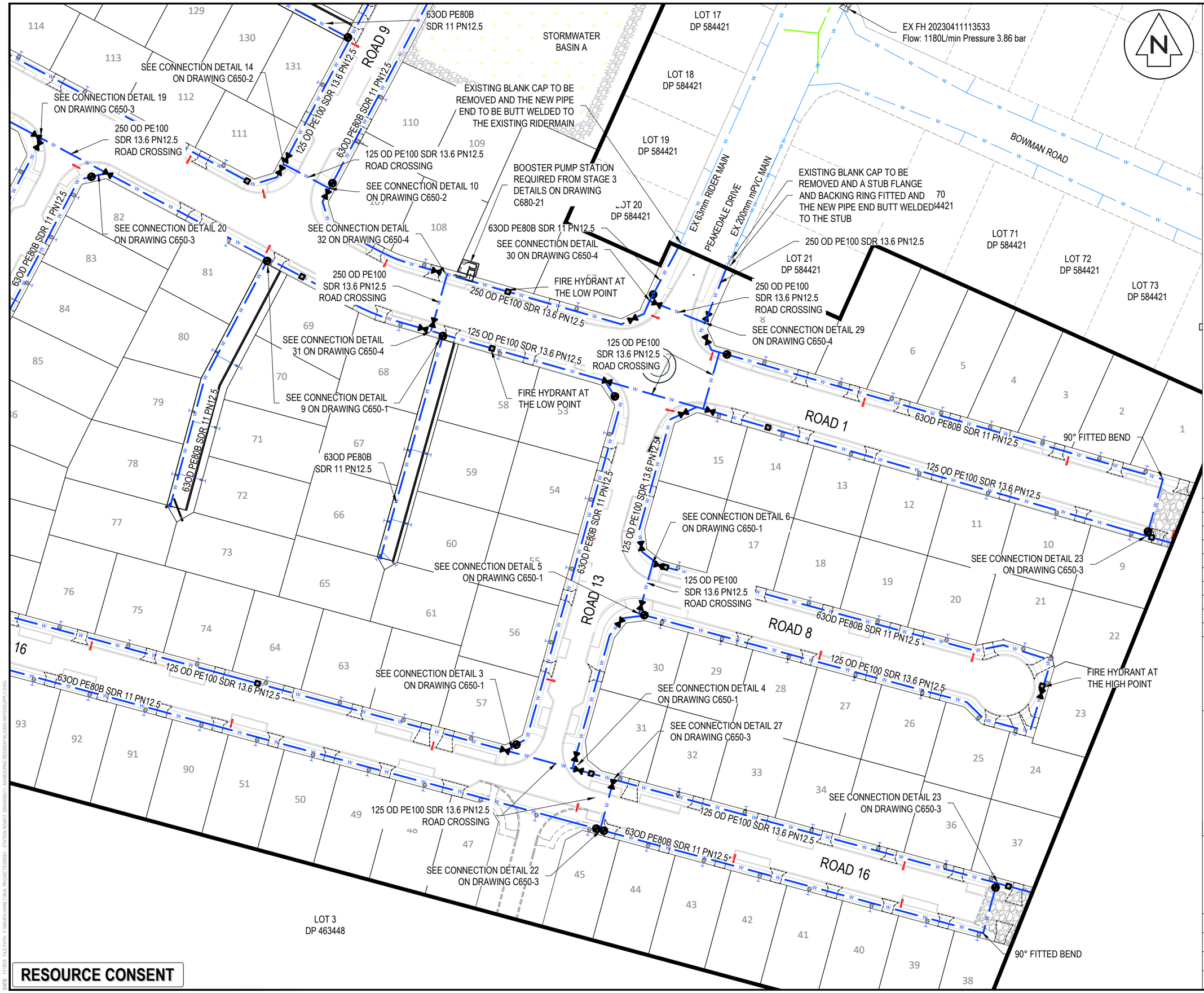
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN SHEET 10 OF 11

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-10	Rev	D

RESOURCE CONSENT

DATE: 11/9/25 FILE PATH: F:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\ DRAWING\11 ASHBOURNE RESIDENTIAL\C600\WATERSUPPLY.DWG



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- EX BDY
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- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton New Zealand

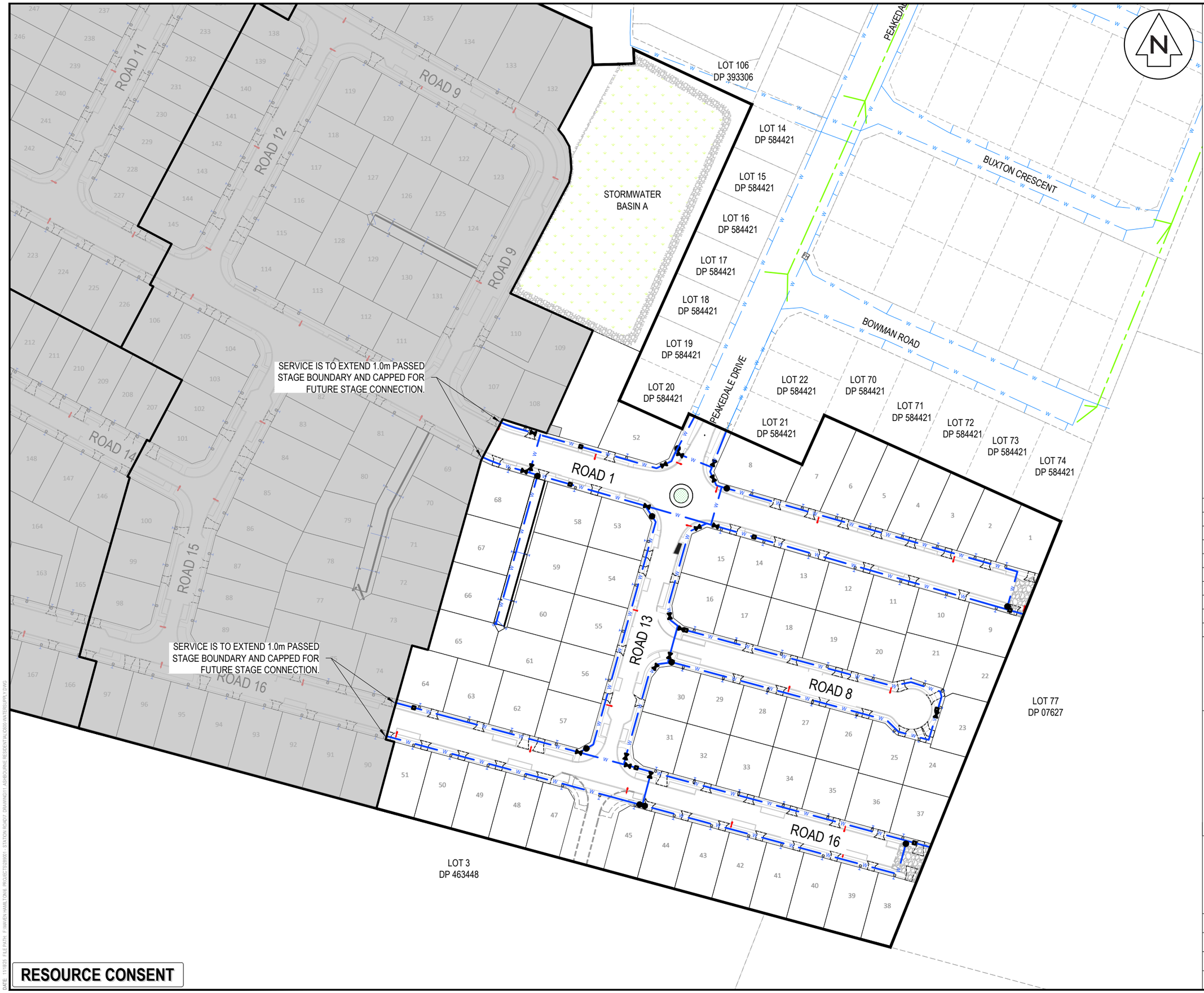
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN SHEET 11 OF 11

Project no.	289001
Scale	1:1000 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-11 Rev D

RESOURCE CONSENT

DATE 11/25 FILEPATH: F:\MAVEN HAMILTON\ PROJECTS\289001 - STATION ROAD\ DRAWING\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG



NOTES

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Legend

- PR BOUNDARY
- EX BDY
- PR SITE BOUNDARY
- PR STAGE BOUNDARY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
D	FAST TRACK APP	GNT	11/2025
C	FAST TRACK APP	MKS	06/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025

	By	Date
Survey	MAVEN	03/2024
Design	MES	05/2025
Drawn	NDL	05/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton New Zealand

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WATER SUPPLY PLAN STAGE 1

Project no.	289001
Scale	1:1500 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-12 Rev D

RESOURCE CONSENT

DATE 11/9/25 FILEPATH: P:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION.

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION.

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION.

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION.

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

LOT 40 DP 393306

LOT 106 DP 393306

LOT 3 DP 463448

ELDONWOOD DRIVE

PEAKEDALE DRIVE

BOWMAN ROAD

ROAD 1

ROAD 8

ROAD 9

ROAD 10

ROAD 11

ROAD 12

ROAD 13

ROAD 14

ROAD 15

ROAD 16

LOT 14 DP 584421

LOT 15 DP 584421

LOT 16 DP 584421

LOT 17 DP 584421

LOT 18 DP 584421

LOT 19 DP 584421

LOT 20 DP 584421

LOT 21 DP 584421

LOT 22 DP 584421

LOT 70 DP 584421

RESOURCE CONSENT

NOTES

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Legend

- PR BOUNDARY
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- PR SITE BOUNDARY
- PR STAGE BOUNDARY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
C	FAST TRACK APP	GNT	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025

	By	Date
Survey	MAVEN	03/2024
Design	MES	05/2025
Drawn	NDL	05/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton New Zealand

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED WATER SUPPLY PLAN STAGE 2

Project no.	289001
Scale	1:1500 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-13 Rev C

STORMWATER BASIN B

ROAD 7

ROAD 10

ROAD 11

ROAD 12

ROAD 1

ROAD 14

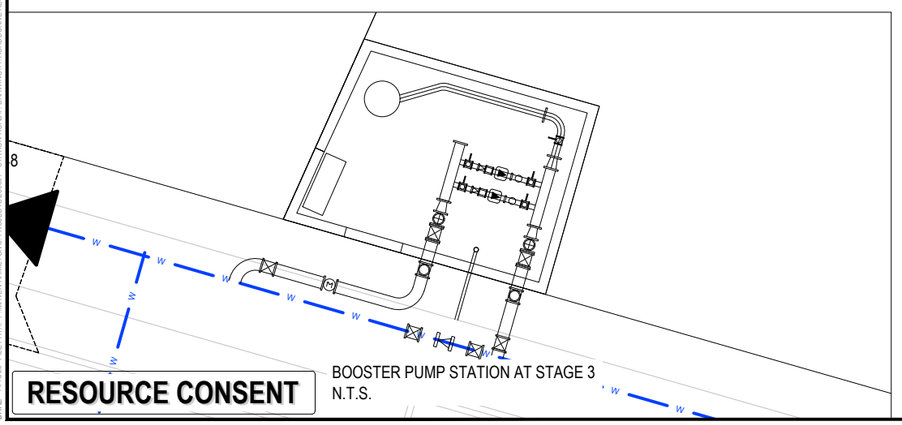
ROAD 16

ROAD 15

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION.

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

LOT 3
DP 463448



BOOSTER PUMP STATION AT STAGE 3
N.T.S.

RESOURCE CONSENT

NOTES

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Legend

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- EX BDY
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- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
C	FAST TRACK APP	MKS	06/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025

	By	Date
Survey	MAVEN	03/2024
Design	MES	05/2025
Drawn	NDL	05/2025
Checked	DJM	06/2025

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Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN STAGE 3

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-14	Rev	C

DATE: 11/9/25 FILE PATH: P:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\7. DRAWINGS\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION.

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION.

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION.

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

LOT 43
DP 393306

LOT 36
DP 393306

COMMERCIAL
HUB

ROAD 1
ROAD 4
ROAD 5
ROAD 6
ROAD 7
ROAD 9
ROAD 10
ROAD 11
ROAD 12
ROAD 14

N

NOTES

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- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025

	By	Date
Survey	MAVEN	03/2024
Design	MES	05/2025
Drawn	NDL	05/2025
Checked	DJM	06/2025

Maven Waikato
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Level 1 286 Victoria Street, Hamilton
New Zealand

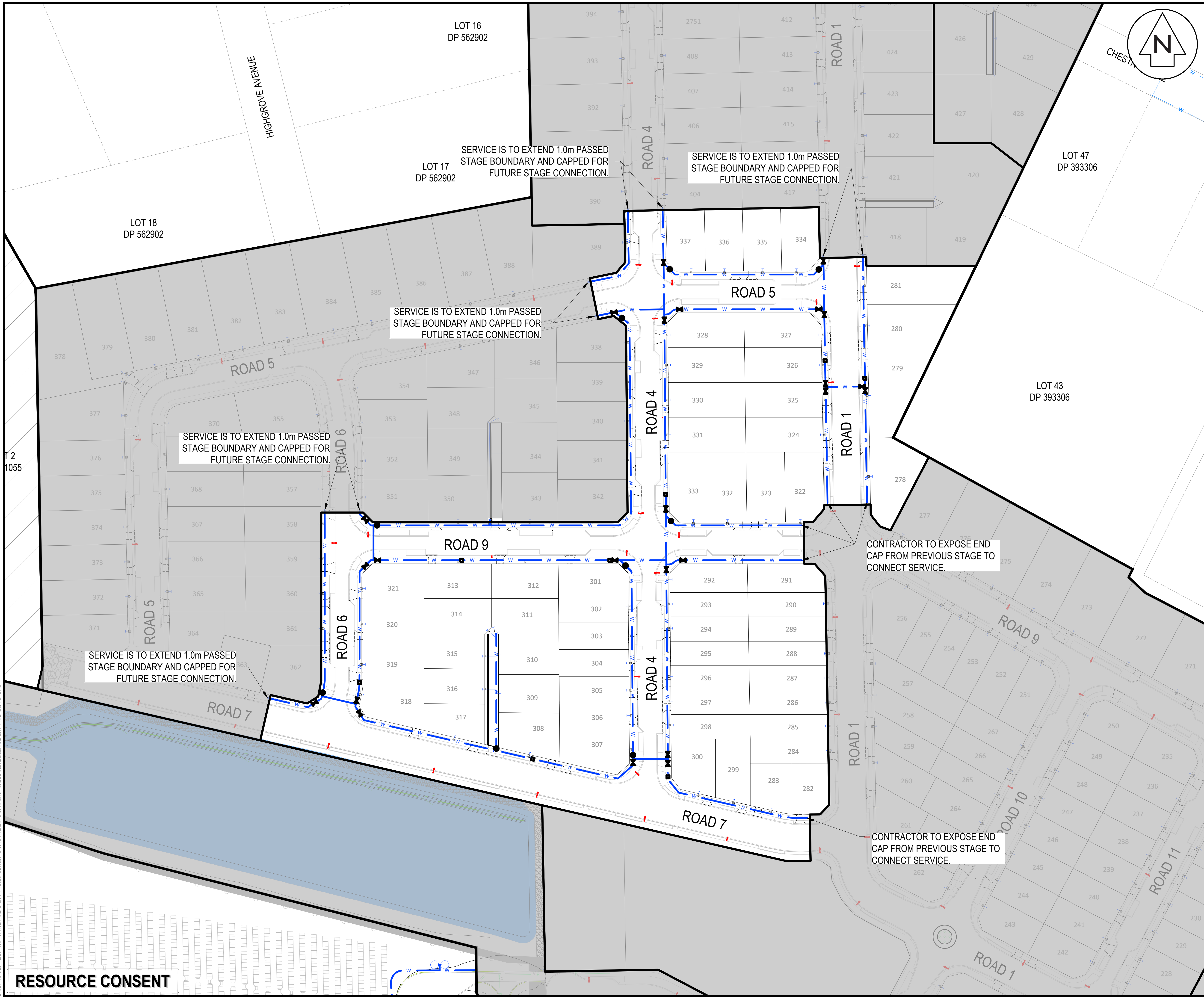
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN STAGE 4

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-15	Rev	B

RESOURCE CONSENT

DATE: 11:05:25 FILEPATH: P:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWINGS\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG



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- PR STAGE BOUNDARY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
C	FAST TRACK APP	GNT	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025

	By	Date
Survey	MAVEN	03/2024
Design	MES	05/2025
Drawn	NDL	05/2025
Checked	DJM	06/2025

MAVEN
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN STAGE 5

Project no.	289001
Scale	1:1500 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-16
Rev	C

LOT 16
DP 562902

HIGHGROVE AVENUE

LOT 17
DP 562902

LOT 18
DP 562902

LOT 2
DP 21055

ROAD 4

ROAD 5

ROAD 6

ROAD 7

ROAD 1

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

RESOURCE CONSENT

DATE: 11/09/25 FILEPATH: F:\MAVEN HAMILTON\ PROJECTS\289001 - STATION ROAD\ DRAWING\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
4. BENCHMARK: IT I DPS 29877 RL:65.51. SOURCED FROM THE LINZ GEODETIC DATABASE.
5. ALL WATER LINES TO BE BLANK CAPPED BEYOND STAGING BOUNDARY. CONTRACTOR TO MAKE SURE BLANK CAP IS OUTSIDE OF FOOTPATH EXTENTS AND ACCESSIBLE FOR FUTURE EXTENSIONS.
6. ALL TOBIES WITHIN RIGHT OF WAYS (ROW) TO BE PLACED IN HEAVY DUTY TRAFFICABLE MANIFOLD BOX.
7. EXISTING SERVICES SHOWN ARE FROM B4UDIG AND ARE INDICATIVE ONLY. CONTRACTOR TO CONFIRM THEIR LOCATION PRIOR TO CONSTRUCTION.
8. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.

Legend

- PR BOUNDARY
- EX BDY
- PR SITE BOUNDARY
- PR STAGE BOUNDARY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
C	FAST TRACK APP	GNT	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025

	By	Date
Survey	MAVEN	03/2024
Design	MES	05/2025
Drawn	NDL	05/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN STAGE 6

Project no.	289001
Scale	1:1500 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-17 Rev C

LOT 3
DP 404835

OLIVE PLACE

LOT 9
DP 562902

STORMWATER
WETLAND C

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION.

ROAD 2

ROAD 3

ROAD 4

ROAD 1

LOT 13
DP 562902

LOT 14
DP 562902

LOT 16
DP 562902

LOT 17
DP 562902

LOT 18
DP 562902

HIGHGROVE AVENUE

LOT 28
DP 386534

LOT 44
DP 386534

LOT 47
DP 393306

CHESTNUT LANE

SERVICE IS TO EXTEND 1.0m PASSED STAGE BOUNDARY AND CAPPED FOR FUTURE STAGE CONNECTION.

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

CONTRACTOR TO EXPOSE END CAP FROM PREVIOUS STAGE TO CONNECT SERVICE.

RESOURCE CONSENT

DATE 11/9/25 FILEPATH F:\MAVEN HAMILTON\ PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL C600-WATERSUPPLY.DWG

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
4. BENCHMARK: IT I DPS 29877 RL:65.51. SOURCED FROM THE LINZ GEODETIC DATABASE.
5. ALL WATER LINES TO BE BLANK CAPPED BEYOND STAGING BOUNDARY. CONTRACTOR TO MAKE SURE BLANK CAP IS OUTSIDE OF FOOTPATH EXTENTS AND ACCESSIBLE FOR FUTURE EXTENSIONS.
6. ALL TOBIES WITHIN RIGHT OF WAYS (ROW) TO BE PLACED IN HEAVY DUTY TRAFFICABLE MANIFOLD BOX.
7. EXISTING SERVICES SHOWN ARE FROM B4UDIG AND ARE INDICATIVE ONLY. CONTRACTOR TO CONFIRM THEIR LOCATION PRIOR TO CONSTRUCTION.
8. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.

Legend

- PR BOUNDARY
- EX BDY
- PR SITE BOUNDARY
- PR STAGE BOUNDARY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
C	FAST TRACK APP	GNT	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025

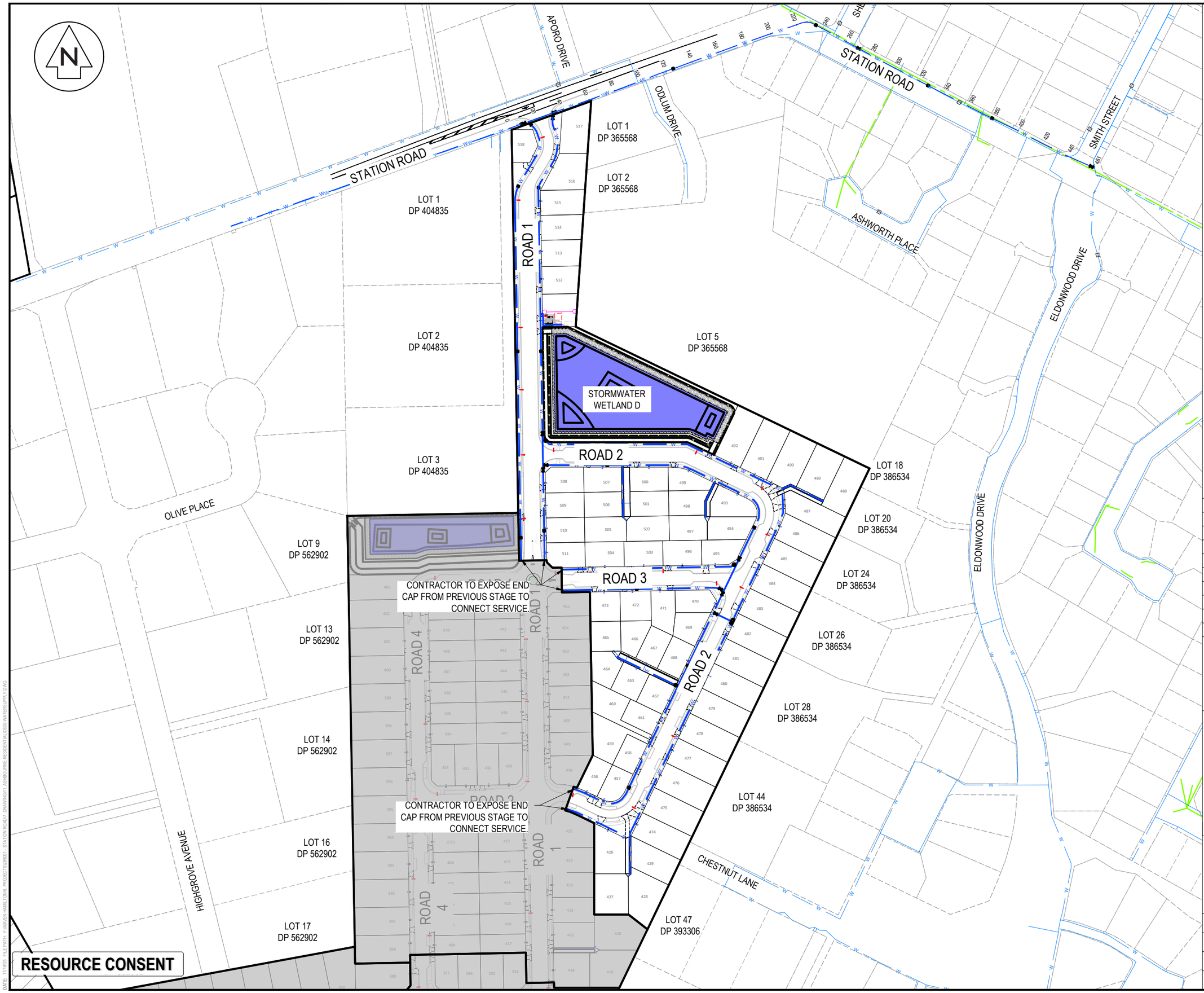
	By	Date
Survey	MAVEN	03/2024
Design	MES	05/2025
Drawn	NDL	05/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY PLAN STAGE 7

Project no.	289001
Scale	1:1500 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-18 Rev C



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
4. BENCHMARK: IT I DPS 29877 RL:65.51. SOURCED FROM THE LINZ GEODETIC DATABASE.
5. ALL WATER LINES TO BE BLANK CAPPED BEYOND STAGING BOUNDARY. CONTRACTOR TO MAKE SURE BLANK CAP IS OUTSIDE OF FOOTPATH EXTENTS AND ACCESSIBLE FOR FUTURE EXTENSIONS.
6. ALL TOBIES WITHIN RIGHT OF WAYS (ROW) TO BE PLACED IN HEAVY DUTY TRAFFICABLE MANIFOLD BOX.
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8. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.

Legend

- PR BOUNDARY
- EX BDY
- PR SITE BOUNDARY
- PR STAGE BOUNDARY
- EX WATERMAIN
- EX/PR HYDRANT
- EX/PR METER
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER
- EX/PR BLANKCAP

Rev	Description	By	Date
C	FAST TRACK APP	MKS	11/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025

	By	Date
Survey	MAVEN	03/2024
Design	MES	05/2025
Drawn	NDL	05/2025
Checked	DJM	06/2025

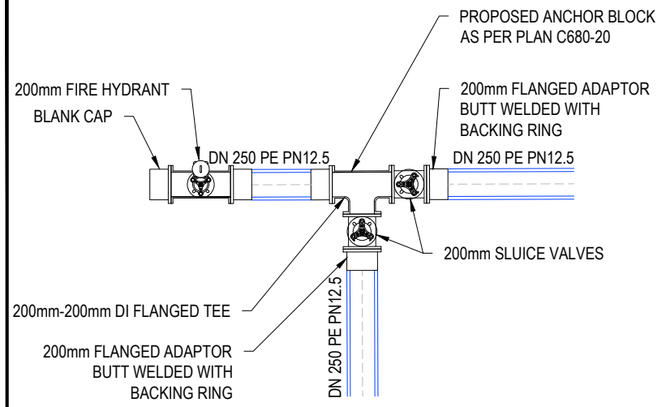
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

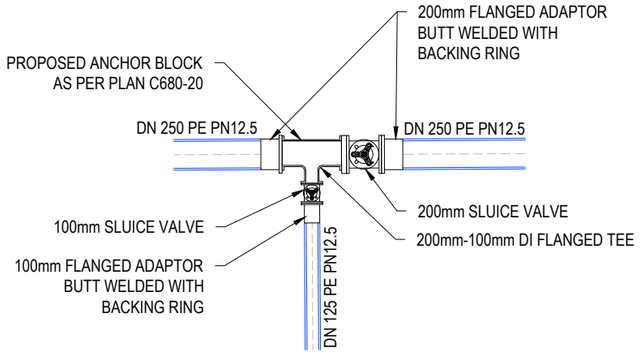
Title
PROPOSED WATER SUPPLY PLAN STAGE 8

Project no.	289001		
Scale	1:2500 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-19	Rev	C

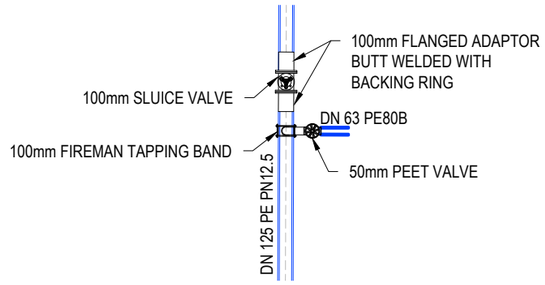
DATE 11/25 FILEPATH F:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG



CONNECTION DETAIL 1
SCALE 1:50 @ A3



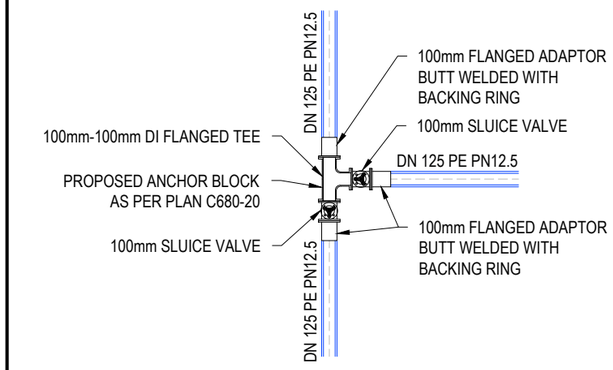
CONNECTION DETAIL 2
SCALE 1:50 @ A3



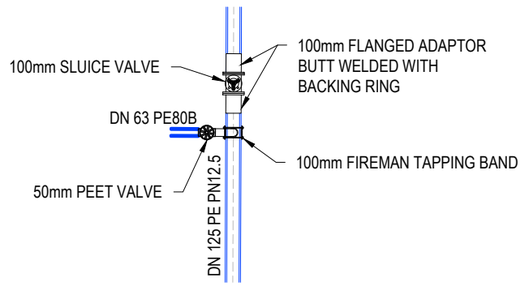
CONNECTION DETAIL 3
SCALE 1:50 @ A3

NOTES

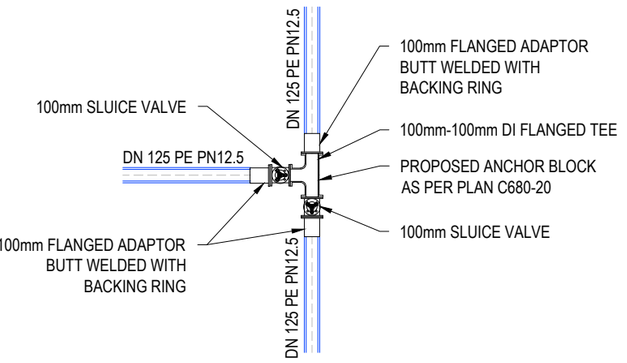
1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
5. STUB FLANGE, BACKING RING AND STUB TO BE WELDED TO PE PIPE.
6. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.
7. REFER TO C600 SERIES DRAWINGS FOR WATER SUPPLY LAYOUT DRAWINGS.



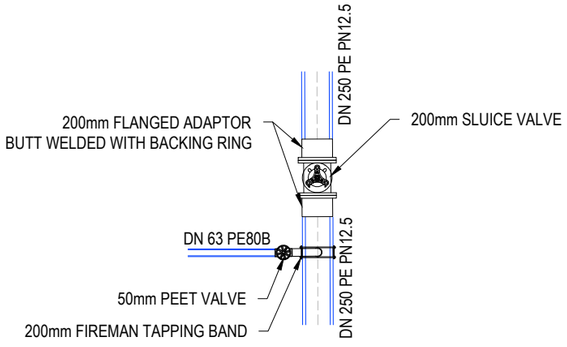
CONNECTION DETAIL 4
SCALE 1:50 @ A3



CONNECTION DETAIL 5
SCALE 1:50 @ A3

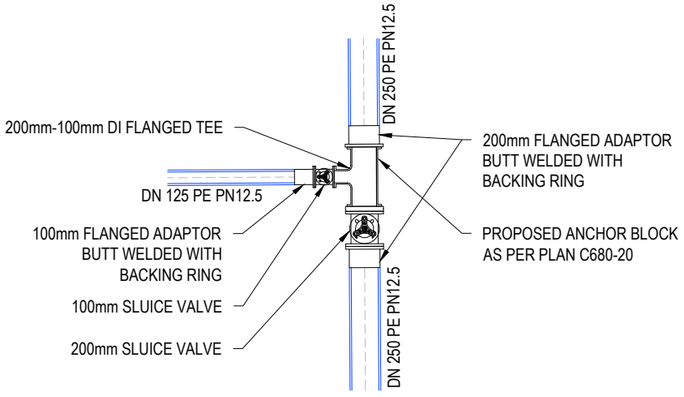


CONNECTION DETAIL 6
SCALE 1:50 @ A3

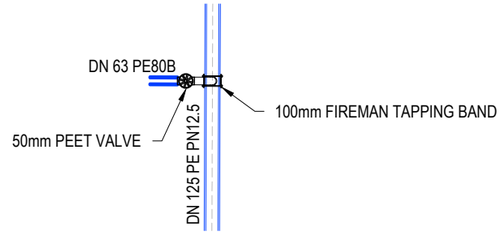


CONNECTION DETAIL 7
SCALE 1:50 @ A3

RESOURCE CONSENT



CONNECTION DETAIL 8
SCALE 1:50 @ A3



CONNECTION DETAIL 9
SCALE 1:50 @ A3

Rev	Description	By	Date
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

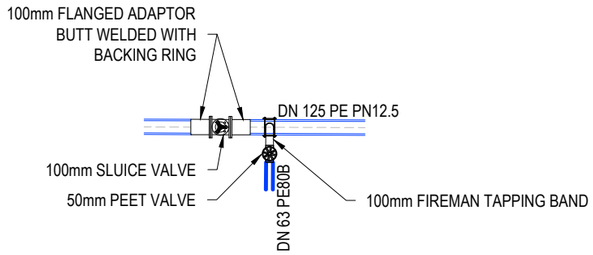
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

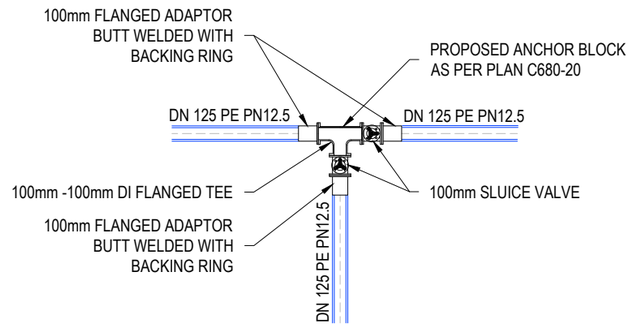
Title
PROPOSED WATER SUPPLY DETAILS SHEET 1 OF 4

Project no.	289001		
Scale	AS SHOWN		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C650-1	Rev	C

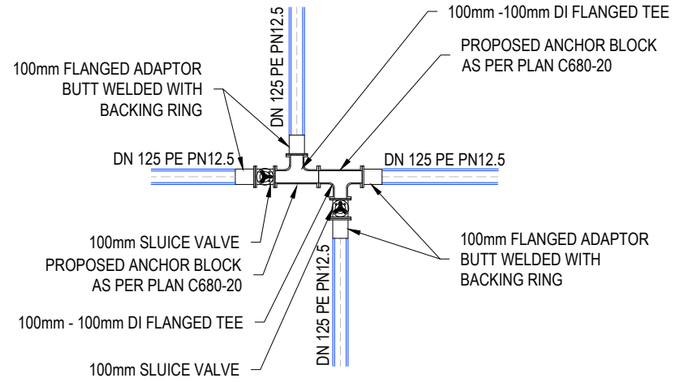
DATE 11/12/25 FILEPATH: P:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\11 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG



CONNECTION DETAIL 10
SCALE 1:50 @ A3



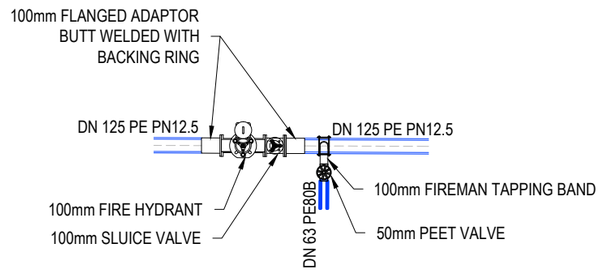
CONNECTION DETAIL 11
SCALE 1:50 @ A3



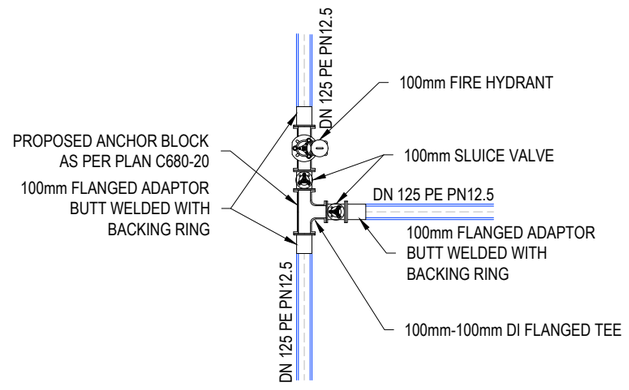
CONNECTION DETAIL 12
SCALE 1:50 @ A3

NOTES

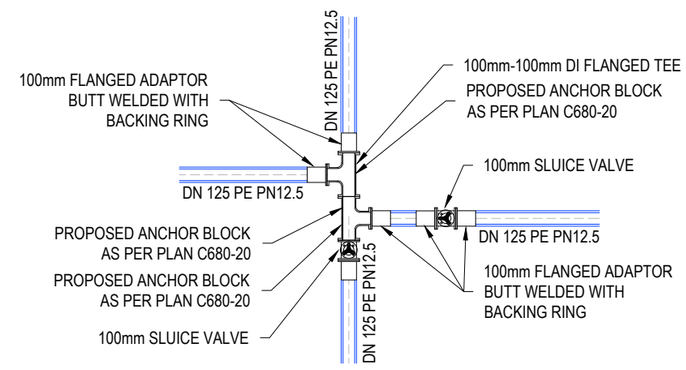
1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
5. STUB FLANGE, BACKING RING AND STUB TO BE WELDED TO PE PIPE.
6. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.
7. REFER TO C600 SERIES DRAWINGS FOR WATER SUPPLY LAYOUT DRAWINGS.



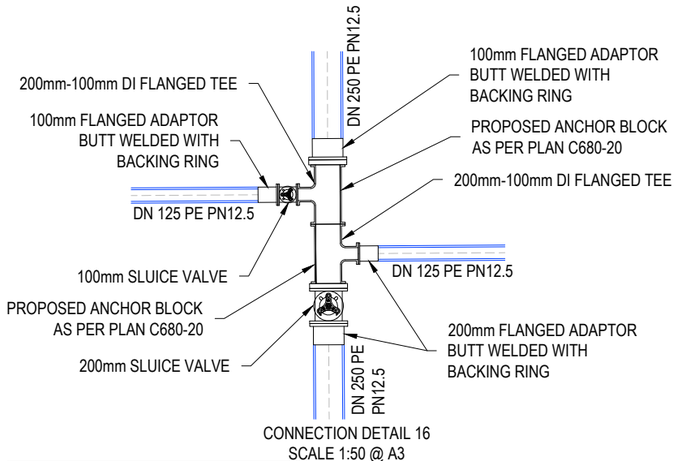
CONNECTION DETAIL 13
SCALE 1:50 @ A3



CONNECTION DETAIL 14
SCALE 1:50 @ A3

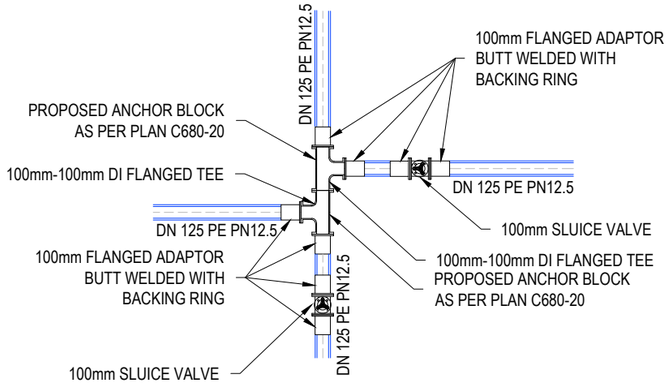


CONNECTION DETAIL 15
SCALE 1:50 @ A3

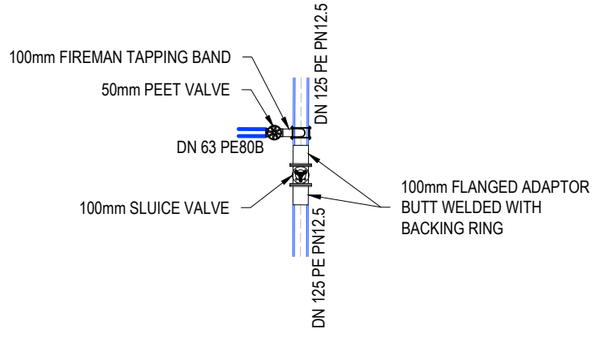


CONNECTION DETAIL 16
SCALE 1:50 @ A3

RESOURCE CONSENT



CONNECTION DETAIL 17
SCALE 1:50 @ A3



CONNECTION DETAIL 18
SCALE 1:50 @ A3

Rev	Description	By	Date
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
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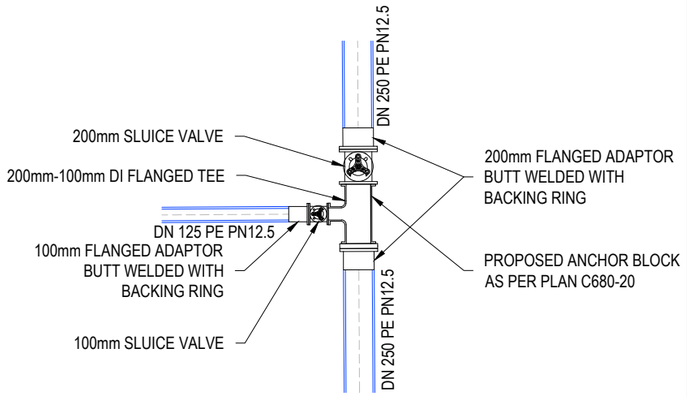
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

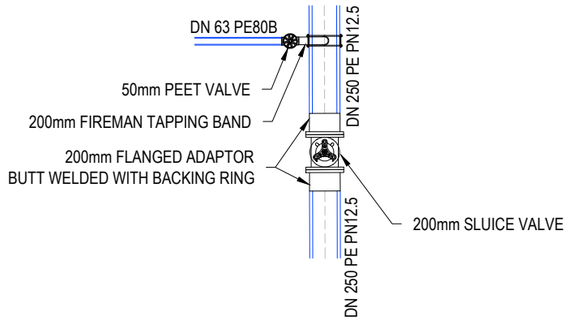
Title
PROPOSED WATER SUPPLY DETAILS SHEET 2 OF 4

Project no.	289001
Scale	AS SHOWN
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C650-2 Rev C

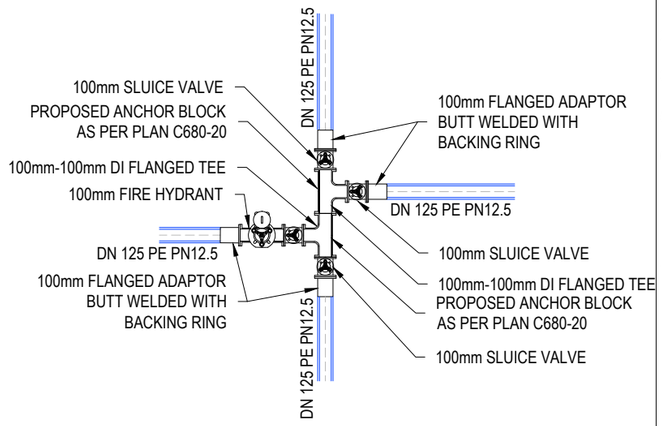
DATE 11/12/25 FILEPATH: F:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL\C600-WATERSUPPLY.DWG



CONNECTION DETAIL 19
SCALE 1:50 @ A3



CONNECTION DETAIL 20
SCALE 1:50 @ A3



CONNECTION DETAIL 21
SCALE 1:50 @ A3

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
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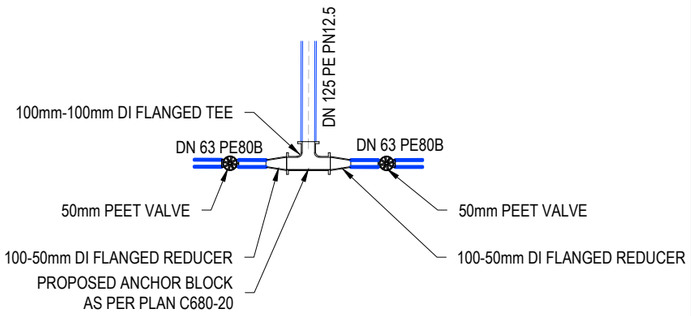
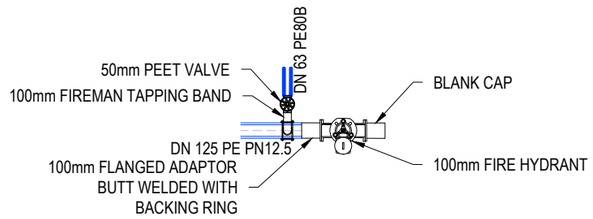
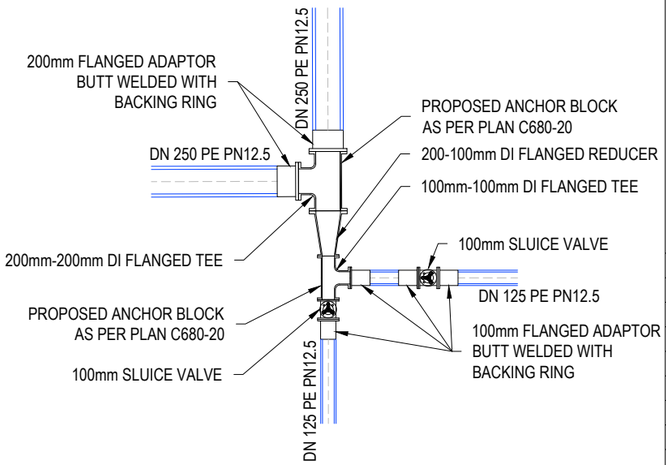
6. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.
7. REFER TO C600 SERIES DRAWINGS FOR WATER SUPPLY LAYOUT DRAWINGS.



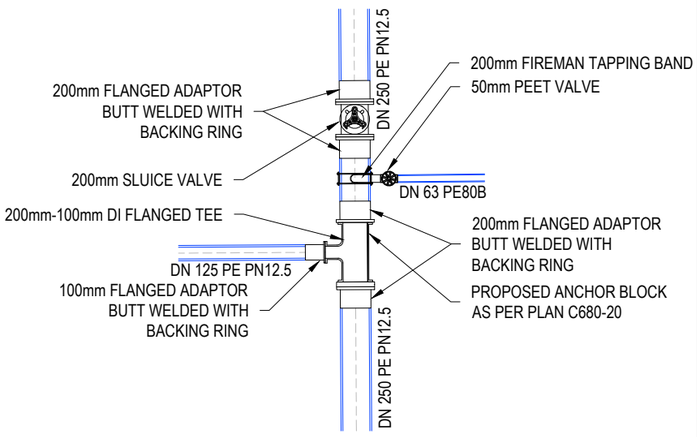
CONNECTION DETAIL 22
SCALE 1:50 @ A3



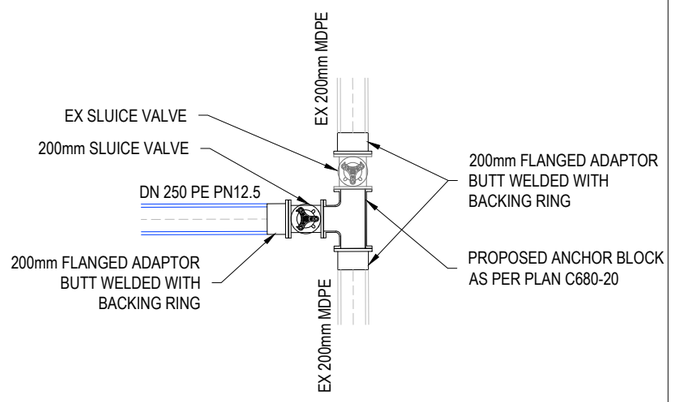
CONNECTION DETAIL 23
SCALE 1:50 @ A3



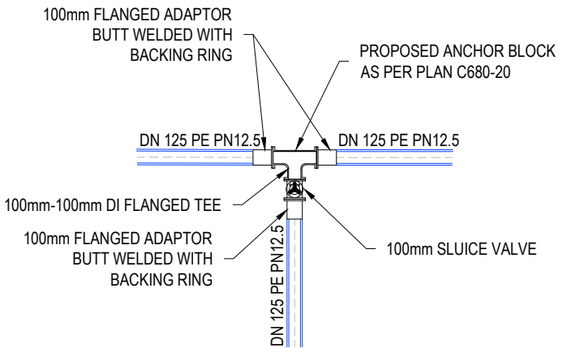
CONNECTION DETAIL 24
SCALE 1:50 @ A3



CONNECTION DETAIL 25
SCALE 1:50 @ A3



CONNECTION DETAIL 26
SCALE 1:50 @ A3



CONNECTION DETAIL 27
SCALE 1:50 @ A3

RESOURCE CONSENT

Rev	Description	By	Date
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

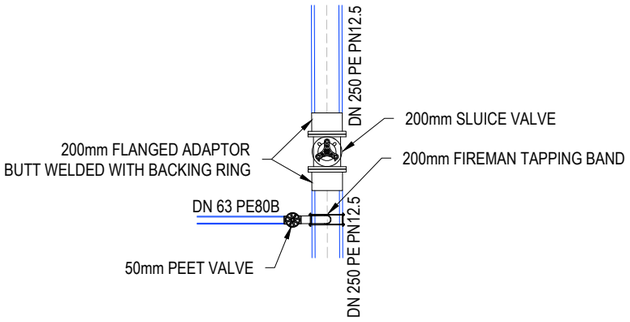
	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

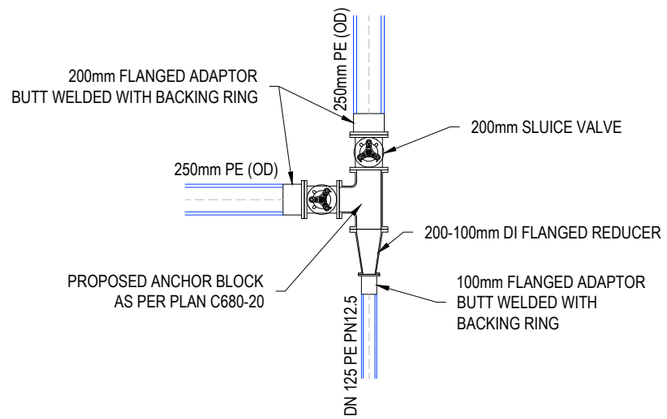
Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY DETAILS SHEET 3 OF 4

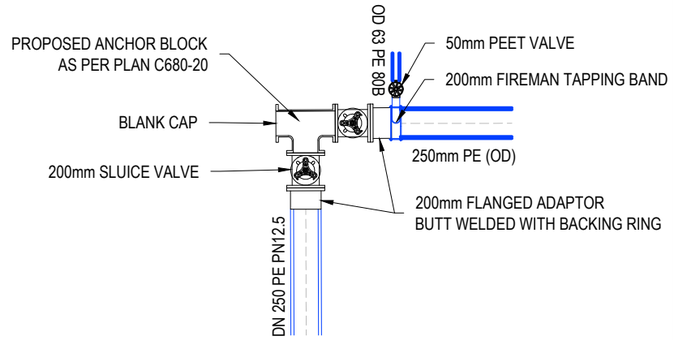
Project no.	289001		
Scale	AS SHOWN		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C650-3	Rev	C



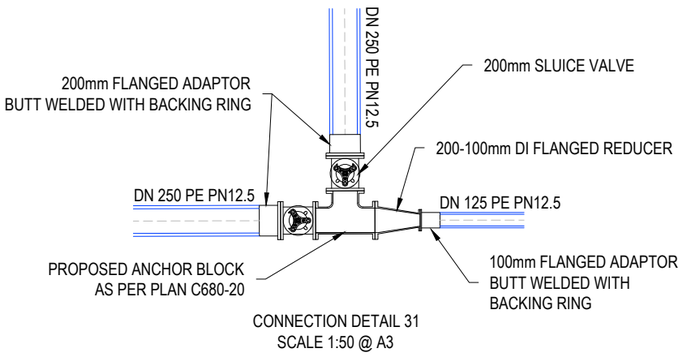
CONNECTION DETAIL 28
SCALE 1:50 @ A3



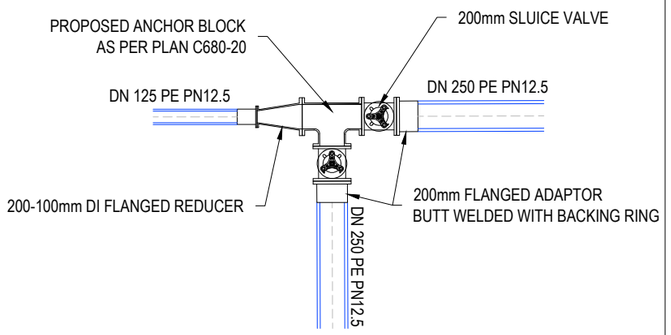
CONNECTION DETAIL 29
SCALE 1:50 @ A3



CONNECTION DETAIL 30
SCALE 1:50 @ A3



CONNECTION DETAIL 31
SCALE 1:50 @ A3



CONNECTION DETAIL 32
SCALE 1:50 @ A3

RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
5. STUB FLANGE, BACKING RING AND STUB TO BE WELDED TO PE PIPE.
6. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.
7. REFER TO C600 SERIES DRAWINGS FOR WATER SUPPLY LAYOUT DRAWINGS.

Rev	Description	By	Date
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY DETAILS SHEET 4 OF 4

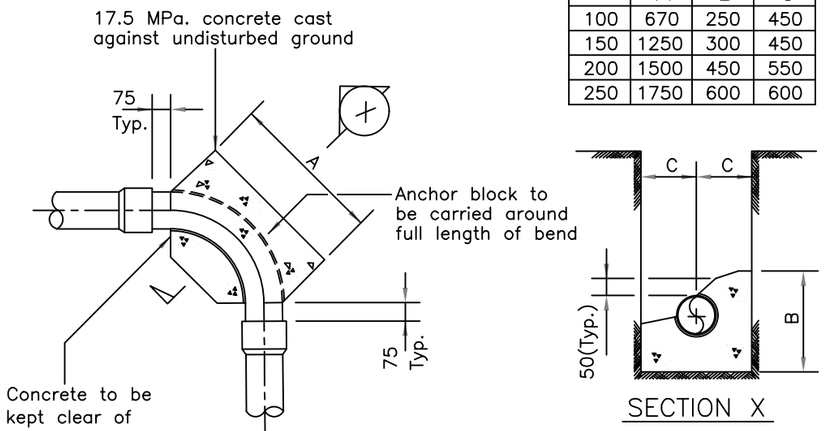
Project no.	289001		
Scale	AS SHOWN		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C650-4	Rev	D

ANCHOR BLOCK STANDARD DETAILS DERIVED FROM WATERCARE LIMITED - STANDARD DRAWING INDEX - REFERENCE NO WS15 & WS16

Notes :

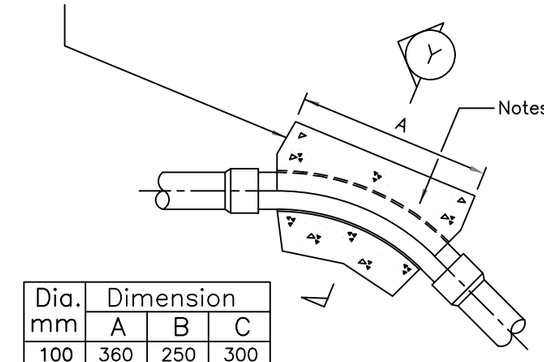
1. Thrust block dimensions for firm soil conditions.
2. The dimensions to be increased or decreased for variation in soil conditions.
3. Allowable bearing stress used – 100KPa.
4. Internal pipe test pressure up to 1400KPa.
5. As built locations to be obtained prior to backfill.
6. Protective membrane (Polythene) between concrete & pipe.
7. 75mm clearance between fittings/flanges and concrete casting.
8. All fittings to be Denso wrapped to the product specification. (Butyl system for Plastic pipes)

Dia. mm	Dimension		
	A	B	C
100	670	250	450
150	1250	300	450
200	1500	450	550
250	1750	600	600

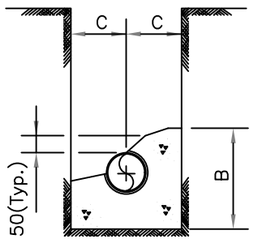


SECTION X

ANCHOR BLOCKS FOR 90° BENDS



Dia. mm	Dimension		
	A	B	C
100	360	250	300
150	680	300	400
200	800	450	500
250	1000	600	600

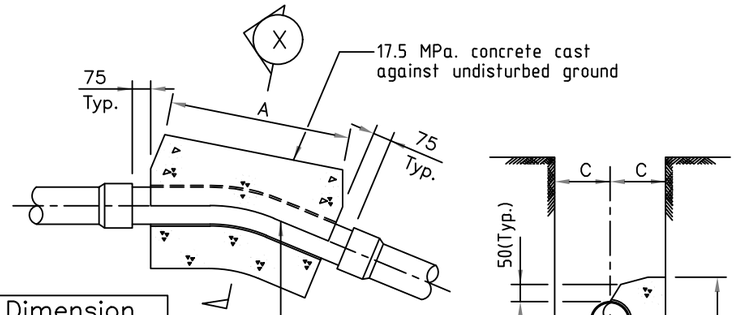


SECTION Y

ANCHOR BLOCKS FOR 45° BENDS

Notes :

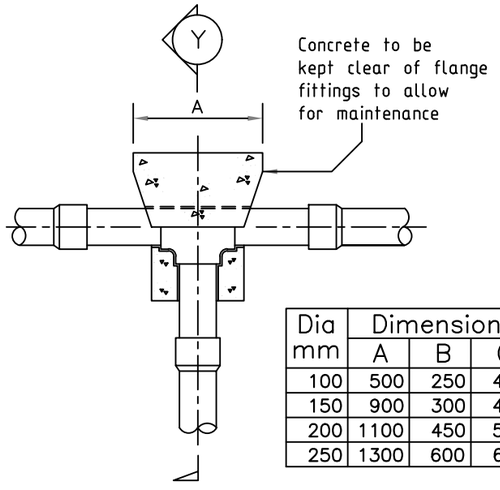
1. Thrust block dimensions for firm soil conditions.
2. The dimensions to be increased or decreased for variation in soil conditions.
3. Allowable bearing stress used - 100KPa.
4. Internal pipe test pressure up to 1400KPa.
5. As built locations to be obtained prior to backfill.
6. Protective membrane (Polythene) between concrete & pipe.
7. 75mm clearance between fittings/flanges and concrete casting.
8. All fittings to be Denso wrapped to the product specification. (Butyl system for Plastic pipes)



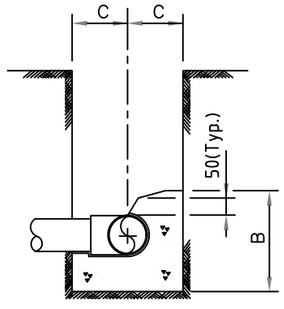
Dia mm	Dimension		
	A	B	C
100	300	250	300
150	400	300	400
200	500	450	500
250	600	600	600

SECTION X

ANCHOR BLOCKS FOR 22½° & 11¼° BENDS



Dia mm	Dimension		
	A	B	C
100	500	250	450
150	900	300	450
200	1100	450	550
250	1300	600	600



SECTION Y

ANCHOR BLOCKS TEE JUNCTION & END CAPS

RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
5. STUB FLANGE, BACKING RING AND STUB TO BE WELDED TO PE PIPE.
6. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.
7. REFER TO C600 SERIES DRAWINGS FOR WATER SUPPLY LAYOUT DRAWINGS.

Rev	Description	By	Date
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025

	By	Date
Survey	MAVEN	03/2024
Design	TCH	04/2025
Drawn	TCH	04/2025
Checked	DJM	06/2025

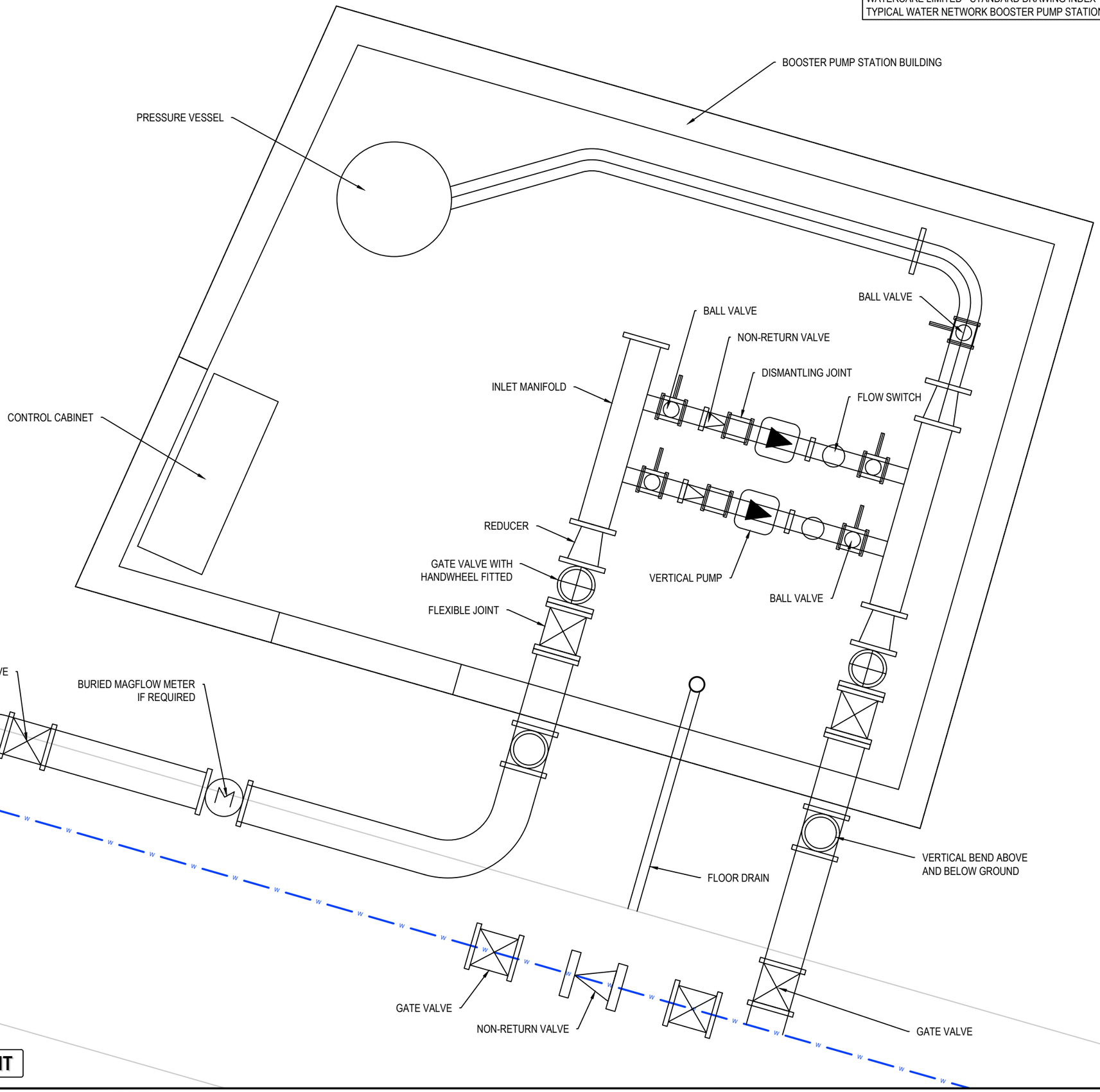
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY ANCHOR BLOCK DETAILS

Project no.	289001
Scale	AS SHOWN
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C680-20 Rev C

BOOSTER PUMP STATION STANDARD DETAILS DERIVED FROM WATERCARE LIMITED - STANDARD DRAWING INDEX - TYPICAL WATER NETWORK BOOSTER PUMP STATION SITE LAYOUT



RESOURCE CONSENT

NOTES

1. SITE BUILDING AESTHETICS SHALL BE MANAGED WITH PLANTING AND BE IN ACCORDANCE WITH THE PUMP STATION RESOURCE CONSENT CONDITIONS.
2. THE PUMP STATION SITE SHALL BE MADE LEVEL TO ITS FULL EXTENT.
3. SITE DRAINAGE SHALL ADEQUATELY DRAIN WATER FROM THE SITE AND THE PUMP STATION BUILDING.
4. BURIED MAGFLOW METER IF REQUIRED WITH CLEARANCE FROM BENDS AND VALVES OF 9 X DIAMETER OF PIPE UP STREAM & 5 X DIAMETER OF PIPE DOWN STREAM.
5. SITE MAY BE REQUIRED TO BE FULLY FENCED.
6. SITE PARKING REQUIRED WHERE OFF-SITE PARKING IS NOT AVAILABLE.
7. FOR BOOSTER PUMP STATIONS WITH PUMP MANIFOLD < 32mm DIAMETER THE PUMPSET MAYBE LOCATED IN A CHAMBER.

Rev	Description	By	Date
A	FAST TRACK APP	MKS	06/2025

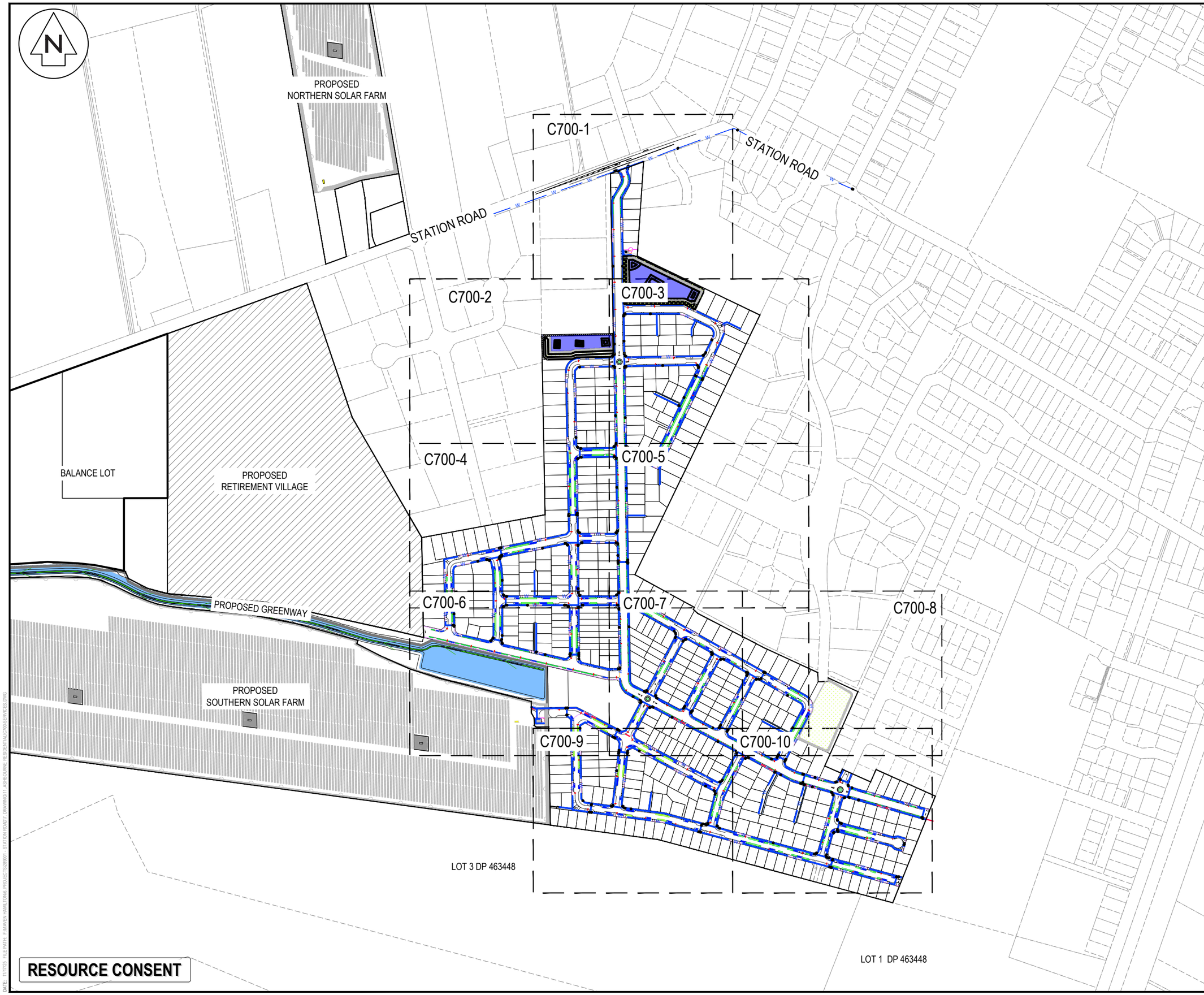
	By	Date
Survey	MAVEN	05/2024
Design	MKS	06/2025
Drawn	MKS	06/2025
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED WATER SUPPLY BOOSTER PS DETAILS

Project no.	289001		
Scale	1:25 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C680-21	Rev	A



Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.
6. Refer to drawing series C340 for Service Trench details.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	GNT	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED SERVICES OVERVIEW PLAN

Project no.	289001		
Scale	1:6000 @ A3		
Cad file	C700-SERVICES.DWG		
Drawing no.	C700	Rev	E

RESOURCE CONSENT

DATE: 11/11/25 FILEPATH: P:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\1 ASHBOURNE RESIDENTIAL\C700-SERVICES.DWG

N

APORO DRIVE

STATION ROAD

ODLUM DRIVE

WATER SUPPLY TO
BE EXTENDED DOWN
STATION ROAD BY OTHERS

LOT 1
DP 404835

517

518

516

515

514

513

512

LOT 1
DP 365568

LOT 2
DP 365568

ROAD 1

LV POWER TO BE EXTEND
DURING STAGE 7 FOR THE
CENTRAL WASTEWATER
PUMP STATION

NORTHERN WASTEWATER PUMP STATION

LOT 2
DP 404835

LOT 5
DP 365568

STORMWATER
WETLAND D

RESOURCE CONSENT

DATE: 11/17/25 FILE PATH: F:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\7. DRAWING\11 ASHBOURNE RESIDENTIAL\C700SERVICES.DWG

Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	MKS	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

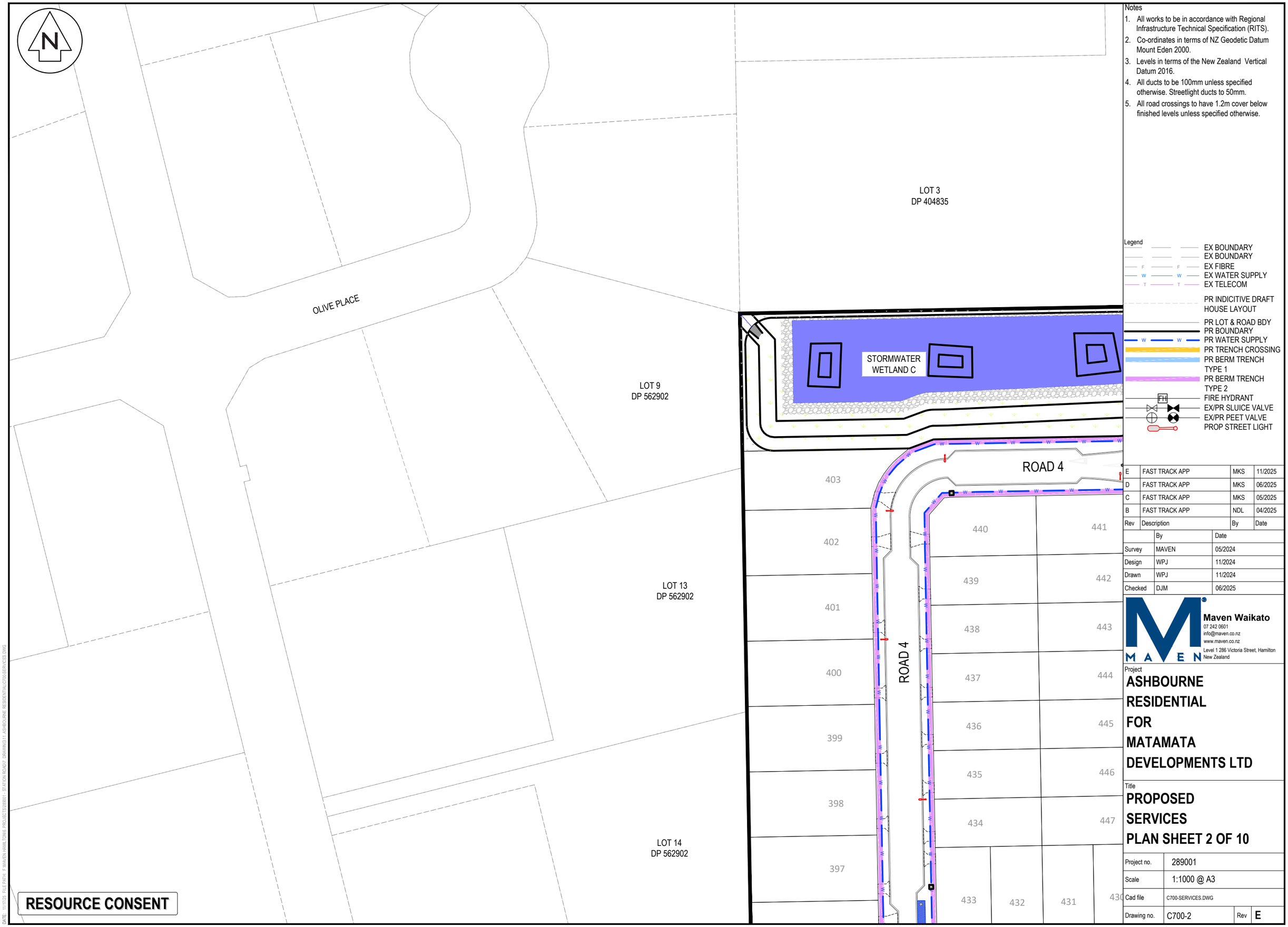
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED SERVICES PLAN SHEET 1 OF 10

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C700-SERVICES.DWG		
Drawing no.	C700-1	Rev	E



RESOURCE CONSENT

Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	MKS	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

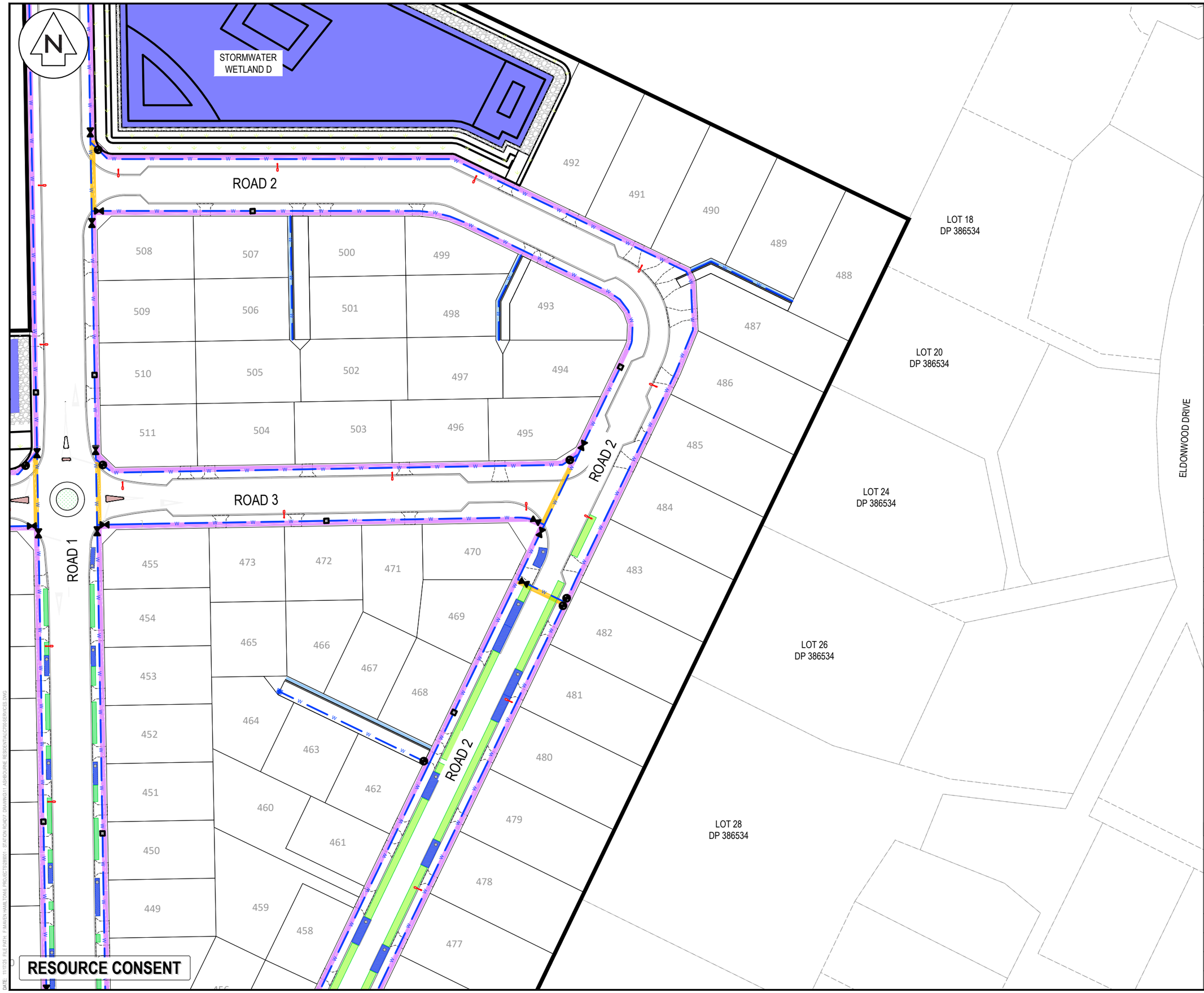
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED SERVICES PLAN SHEET 2 OF 10

Project no.	289001
Scale	1:1000 @ A3
Cad file	C700-SERVICES.DWG
Drawing no.	C700-2 Rev E



Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	MKS	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

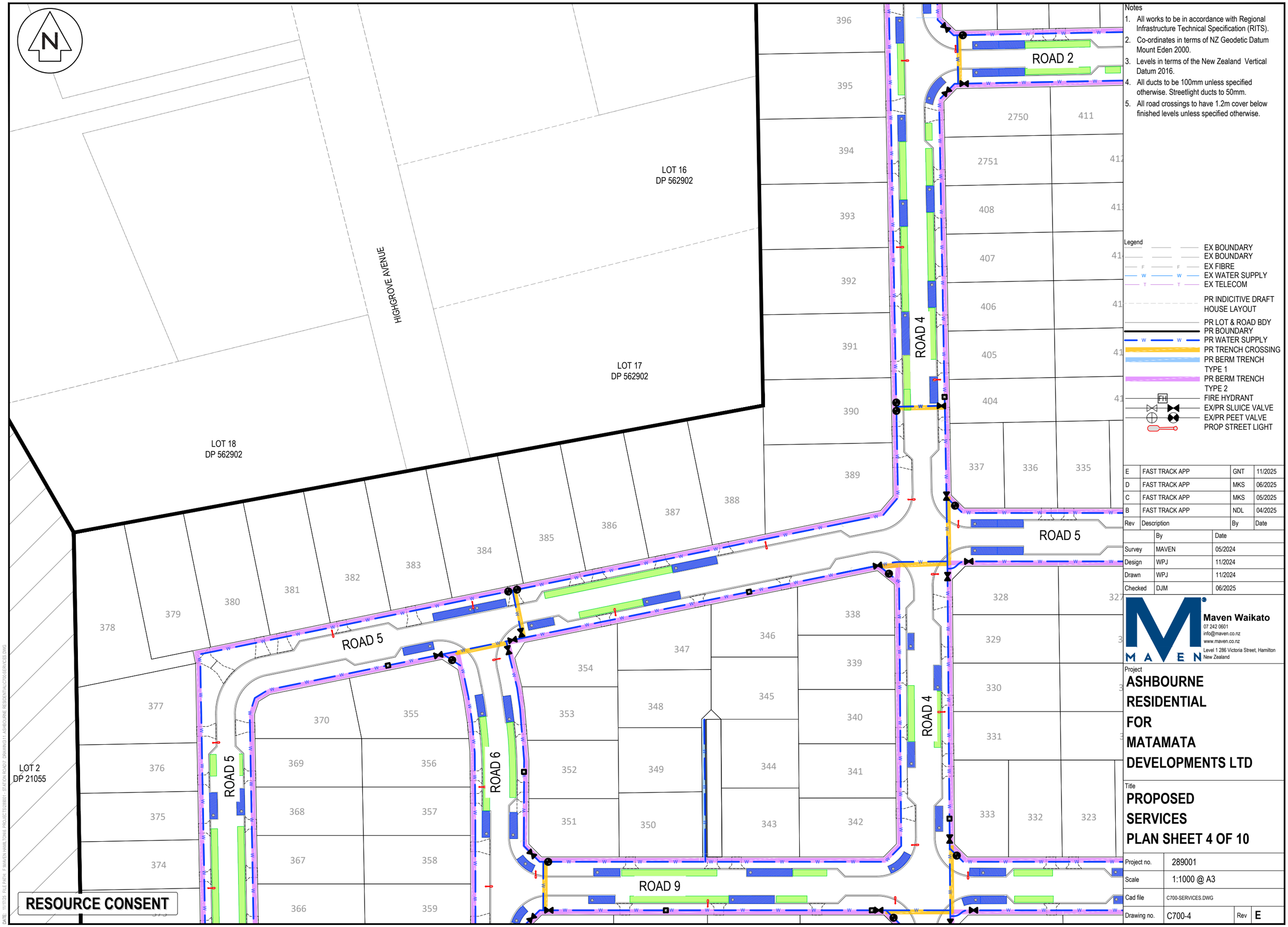
	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED SERVICES PLAN SHEET 3 OF 10

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C700-SERVICES.DWG		
Drawing no.	C700-3	Rev	E



RESOURCE CONSENT

DATE: 11/7/25 FILE PATH: F:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\7 DRAWING\11 ASHBOURNE RESIDENTIAL\C700-SERVICES.DWG

Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	GNT	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

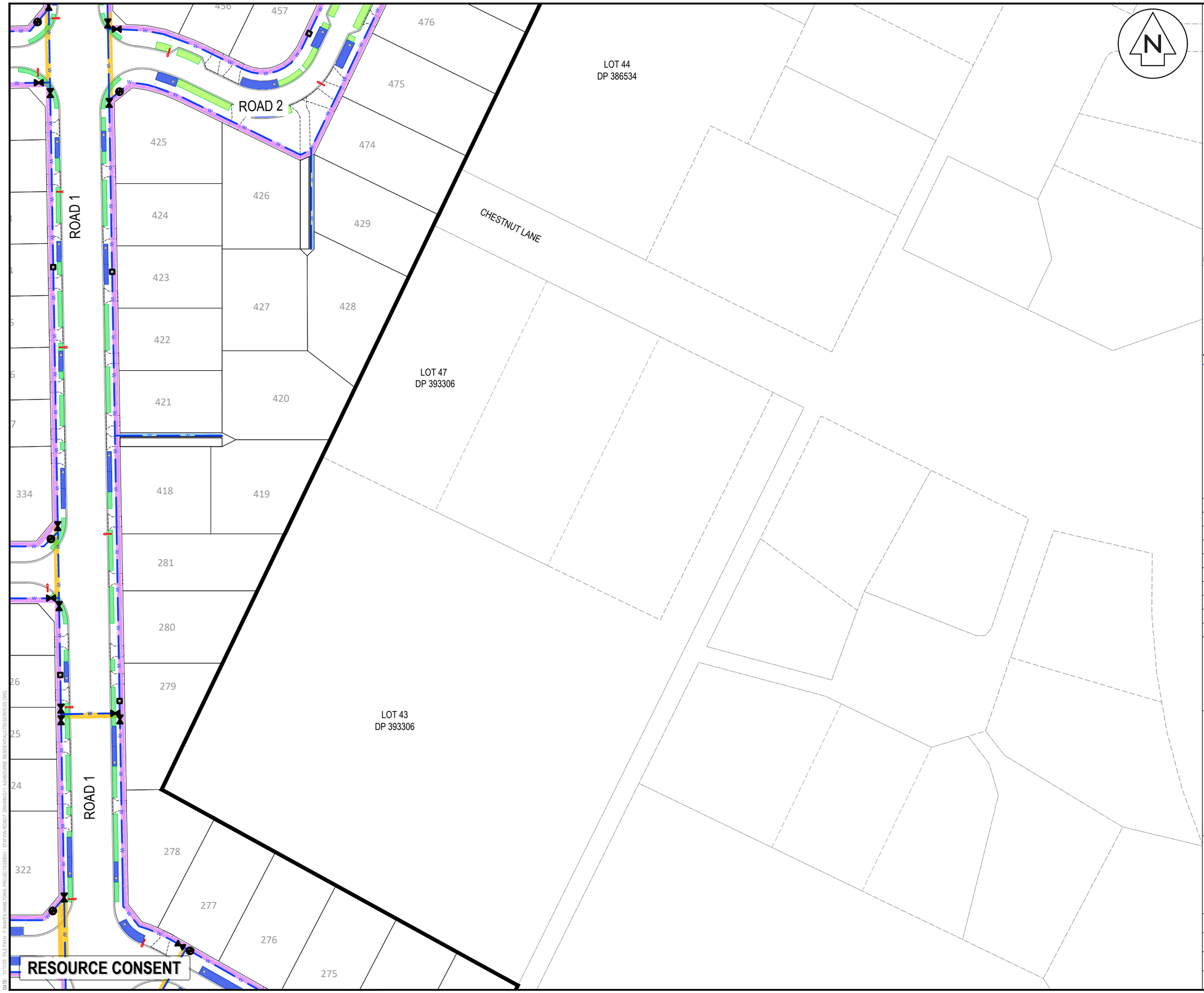
Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED SERVICES PLAN SHEET 4 OF 10

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C700-SERVICES.DWG		
Drawing no.	C700-4	Rev	E



Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	MKS	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED SERVICES PLAN SHEET 5 OF 10

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C700-SERVICES.DWG		
Drawing no.	C700-5	Rev	E

N

ROAD 5
ROAD 6
ROAD 7
ROAD 9
ROAD 4
ROAD 14

374 373 372 371 367 366 365 364 358 359 360 361 363 362 321 320 319 318 313 314 315 316 317 312 311 310 309 308 301 302 303 304 305 306 307 292 293 294 295 296 297 298 300 299 283 190 189 188 187 191 192 193 205

STORMWATER BASIN B

33KV HV CABLE FROM THE SOLAR FARM

630D PE80B SDR 11 PN12.5 WATER SUPPLY FEED FOR THE PROPOSAL CENTRAL WASTEWATER PUMP STATION

LV POWER TO BE EXTEND FROM STAGE 3 TO THE CENTRAL WASTEWATER PUMP STATION

CENTRAL WASTEWATER PUMP STATION

RESOURCE CONSENT

DATE: 11/7/25 FILE PATH: P:\MAVEN HAMILTON\PROJECTS\289001 - STATION ROAD\7. DRAWING\1 ASHBOURNE RESIDENTIAL\C700-SERVICES.DWG

Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	MKS	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton New Zealand

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED SERVICES PLAN SHEET 6 OF 10

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C700-SERVICES.DWG		
Drawing no.	C700-6	Rev	E

LOT 36
DP 393306

LOT 40
DP 393306

ROAD 1

ROAD 9

ROAD 10

ROAD 11

ROAD 12

ROAD 14

COMMERCIAL HUB

33KV HV DUCT FOR THE
SOUTHERN SOLAR FARM

RESOURCE CONSENT

Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	GNT	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED SERVICES PLAN SHEET 7 OF 10

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C700-SERVICES.DWG		
Drawing no.	C700-7	Rev	E

N

LOT 40
DP 393306

ELDONWOOD DRIVE

TAPSELL DRIVE

PEAKEDALE DRIVE

ROAD 9

ROAD 9

STORMWATER
BASIN A

LOT 106
DP 393306

LOT 14
DP 584421

LOT 15
DP 584421

LOT 16
DP 584421

LOT 17
DP 584421

LOT 18
DP 584421

LOT 19
DP 584421

BUXTON CRESCENT

BOWMAN ROAD

268
137
136
135
134
133
132
119
120
121
118
122
117
127
123
126
116
125
124
128
129
130
113
131
112
110
109

RESOURCE CONSENT

DATE: 11/7/25 FILEPATH: F:\MAVEN HAMILTON\PROJECTS\289001 - 70 ELDON ROAD\7 DRAWING\11 ASHBOURNE RESIDENTIAL\C700-SERVICES.DWG

Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	GNT	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED SERVICES PLAN SHEET 8 OF 10

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C700-SERVICES.DWG		
Drawing no.	C700-8	Rev	E

LOT 3
DP 463448

RESOURCE CONSENT

Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	MKS	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

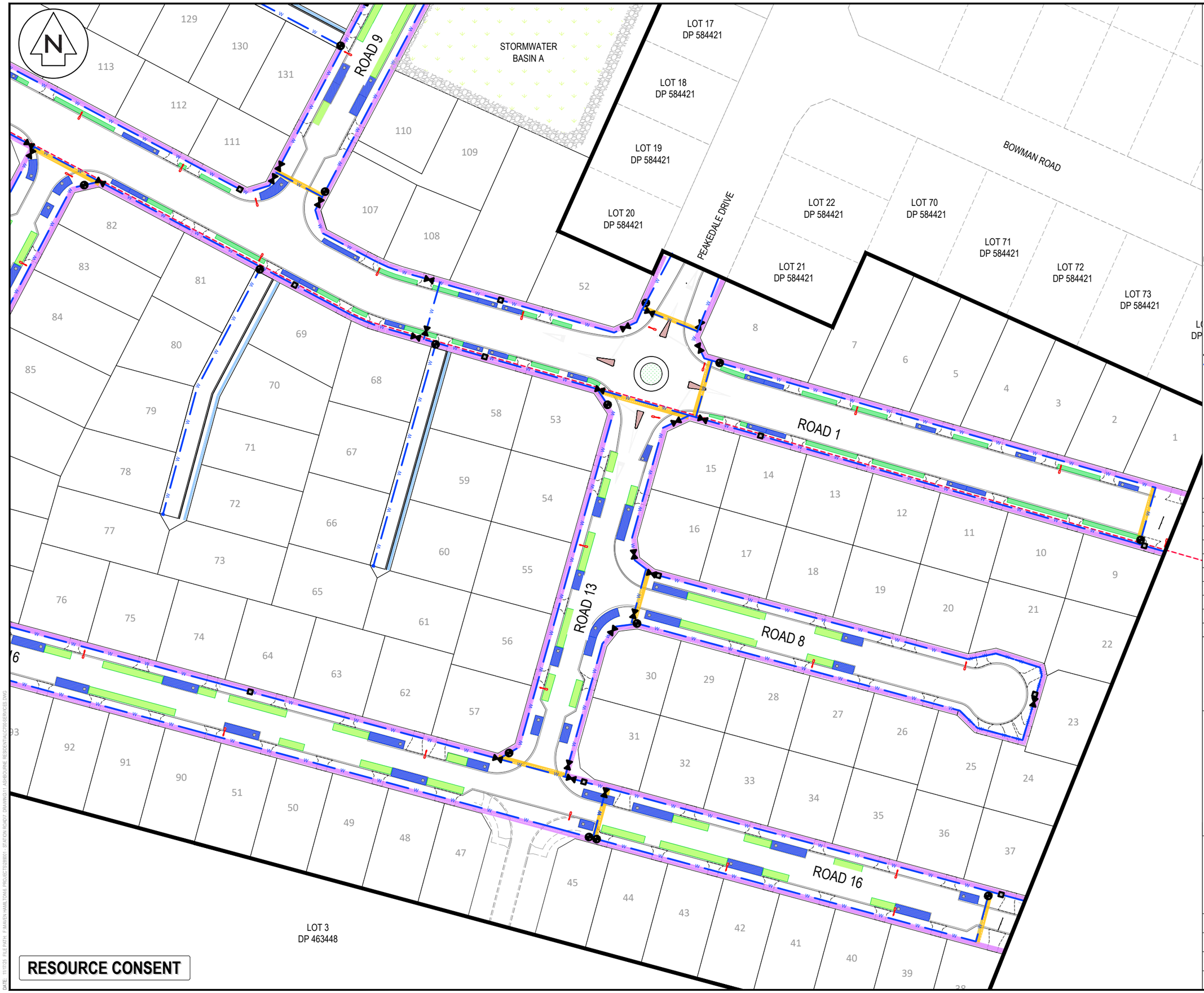
	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title
PROPOSED SERVICES PLAN SHEET 9 OF 10

Project no.	289001
Scale	1:1000 @ A3
Cad file	C700-SERVICES.DWG
Drawing no.	C700-9 Rev E



RESOURCE CONSENT

DATE: 11/7/25 FILEPATH: F:\MAVEN HAMILTON\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\11 ASHBOURNE RESIDENTIAL\C700-SERVICES.DWG

Notes

1. All works to be in accordance with Regional Infrastructure Technical Specification (RITS).
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. All ducts to be 100mm unless specified otherwise. Streetlight ducts to 50mm.
5. All road crossings to have 1.2m cover below finished levels unless specified otherwise.

Legend

- EX BOUNDARY
- EX BOUNDARY
- EX FIBRE
- EX WATER SUPPLY
- EX TELECOM
- PR INDICITIVE DRAFT HOUSE LAYOUT
- PR LOT & ROAD BDY
- PR BOUNDARY
- PR WATER SUPPLY
- PR TRENCH CROSSING
- PR BERM TRENCH TYPE 1
- PR BERM TRENCH TYPE 2
- FIRE HYDRANT
- EX/PR SLUICE VALVE
- EX/PR PEET VALVE
- PROP STREET LIGHT

Rev	Description	By	Date
E	FAST TRACK APP	MKS	11/2025
D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	NDL	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	WPJ	11/2024
Drawn	WPJ	11/2024
Checked	DJM	06/2025

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton New Zealand

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

PROPOSED SERVICES PLAN SHEET 10 OF 10

Project no.	289001
Scale	1:1000 @ A3
Cad file	C700-SERVICES.DWG
Drawing no.	C700-10 Rev E

PROPOSED SW BASIN B

WASTEWATER AND WATER SUPPLY CONNECTIONS FOR COMMERCIAL NODE

OUTLET STRUCTURE AND STORMWATER LINE TO COMMERCIAL NODE

GREEN SPACE

STORMWATER MANHOLE

LOT 1002

WASTEWATER AND WATER SUPPLY CONNECTIONS FOR COMMERCIAL NODE

WASTEWATER AND WATER SUPPLY CONNECTIONS FOR COMMERCIAL NODE

WATER SUPPLY CONNECTION FOR COMMERCIAL NODE

RESOURCE CONSENT

11. Measurements shown on the lot connections are the distance from the centre of the downstream manhole to the lot connection position within the lot boundary.
12. Manhole slab and cover to be rotated to avoid the footpath edge for manholes on footpath.
13. Pipe lengths shown on plan are from upstream pipe invert to downstream pipe invert.

Notes

1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
3. Levels in terms of the New Zealand Vertical Datum 2016.
4. It is the Contractors responsibility to locate all services that may be affected by his operations.
5. Approved hardfill is to be used in backfilling of all road crossings to council standards.
6. Heavy duty manhole lids and frames to be used in trafficked areas, all manholes shall have stainless grates installed.
7. All lines are to be 150mmØ PVC Class SN16 unless shown otherwise.
8. All lot connections are to be 100mmØ PVC unless shown otherwise.
9. 150mmØ pipes that do not terminate in a manhole must be terminated with a 100mmØ on a 150mmØ london junction and blank cap.
10. Manhole diameters shown on structure label are internal diameter.

Legend

- EX BOUNDARY
- PR LOT BOUNDARY
- PR SWMH 1050mmØ
- PR SCRUFFY DOME
- SOAKAGE TRENCH - 1.2m WIDE
- SOAKAGE TRENCH - 2m WIDE
- RAINGARDEN - 1.2m / 2.3m WIDE
- PR WASTEWATER
- WW RISING MAIN
- EX/PROP WWMH
- WW LOT CONNECTION
- PR WATERMAIN
- PR LOT CONNECTION
- PR FLUSHING VALVE
- PR STORMWATER
- PR WASTEWATER

Rev	Description	By	Date
B	FAST TRACK APP	MKS	11/2025
A	FAST TRACK APP	RJM	04/2025

	By	Date
Survey	MAVEN	05/2024
Design	RJM	04/2025
Drawn	RJM	04/2025
Checked	DJM	04/2025

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

Project

ASHBOURNE RESIDENTIAL FOR MATAMATA DEVELOPMENTS LTD

Title

LOT 1002 SERVICES PLAN OPTION 1A

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C710-SERVICES LOT 1002.DWG		
Drawing no.	C710-1	Rev	B