

WATERCARE SERVICES LTD

Network As-built Approval

As-built Number: COMP-259658

Engineer: G. Barlow

Date: 21/07/2025

CERTIFICATION

I CERTIFY THAT THESE AS-BUILT PLANS ARE AN ACCURATE RECORD OF THE WORKS UNDERTAKEN AND THAT:

- THE COORDINATES (X, Y) ARE IN TERMS OF NZTM ON NZGD (2000), AND ARE WITHIN + 50MM.
- THE LEVELS (Z) ARE IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016 (NZVD16), AND ARE WITHIN THE FOLLOWING TOLERANCES:
 - FOR ALL PIPE INVERTS & ROADSIDE CHANNELS TO BE WITHIN +/- 10MM (LOCAL CIRCUIT I.E. INTERNAL/RELATIVE CONSISTENCY REQUIRED ONLY)
 - FOR ALL OTHER ASSETS +/-20MM (E.G. MANHOLE COVERS, EARTHWORKS)

NAME: REECE MOODY

SIGNED: [Signature]

Licensed Cadastral Surveyor

REGISTRATION NUMBER: 1161724 DATE: 05/02/2025

CONTACT PHONE: 09 242 2717

EMAIL: reecem@maven.co.nz

- STAGE 1 (VESTED)
- STAGE 2
- STAGE 3
- STAGE 4 (FUTURE EPA)

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
2. COORDINATES IN TERMS OF NEW ZEALAND TRANSVERSE MERCATOR 2000 (NZTM 2000).
3. LEVELS IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
ORIGIN OF LEVELS = RM 5846 SO 58211
PUBLISHED RL=10.309, SOURCED FROM THE LINZ DIGITAL GEODETIC DATABASE.
4. ALL GRAVITY PIPES ARE DN150 uPVC SN16 WORKS CARRIED OUT BY DEMPSEY WOOD.
5. GAP20 USED FOR BEDDING, GAP65 USED FOR HARDFILL BACKFILL BENEATH HARDSTAND SURFACES.
6. LENGTH, GRADE AND INVERT LEVELS OF GRAVITY PIPE SHOWN ON THE PIPES.
7. WORKS COMPLETED IN AUGUST 2024.
8. CONSTRUCTED IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
9. ALL DRAINAGE IS PUBLIC UNLESS SHOWN OTHERWISE.
10. ALL CONNECTIONS ARE 100MM UPVC SN16 UNLESS NOTED OTHERWISE.
11. WASTEWATER AS-BUILTS CAD FILE NAME: "NZTM 20240913 FLOVAC SYSTEM ASBUILT REV2.DWG". RECEIVED ON 16/09/2024.
12. WASTEWATER ASBUILT DATA PROVIDED BY DEMPSEY WOOD.
13. EX WASTEWATER MAIN DATA OBTAINED FROM AUCKLAND GIS.
14. EPA NO. ENG60407601; WATERCARE COMP NO.259658.

Legend

- EX BDY
- AB BDY
- STAGE BDY
- EX GRAVITY LINE
- EX VACUUM LINE
- AB VACUUM LINE
- AB GRAVITY 150MM UPVC LINE
- AB VALVE PIT
- AB DIVISION VALVE
- AB REDUCER
- AB END CAP

Rev	Description	By	Date
E	ASBUILT	ML	07/2025
B	ASBUILT	ML	03/2025
A	ASBUILT	AL	01/2025
Rev	Description	By	Date
	Survey	DEMPSEY WOOD	12/2024
	Design	ML	12/2024
	Drawn	ML	12/2024
	Checked	JD	12/2024



Project
62, 78 AND 80 PAKAPURA - CLEVEDON ROAD, CLEVEDON, AUCKLAND FOR CLEVEDON PROPERTIES LTD

Title
STAGE 2 WASTEWATER ASBUILT OVERVIEW PLAN

Project no.	194006
Scale	1:3500 @ A3
Cad file	ENG60407601 - STG_2 - C920 WASTEWATER ASBUILT.DWG
Drawing no.	STG_2 C920
Rev	E

73R MONUMENT ROAD
LOT 2 DP 176480, LOT 2 DP 67978, PT
ALLT 3 PARO WAIROA, LOT 1 DP 67852,
LOT 2 DP 67852, LOT 1 DP 176480

REFER TO STG-2 C921

REFER TO STG-2 C922

REFER TO STG-2 C923

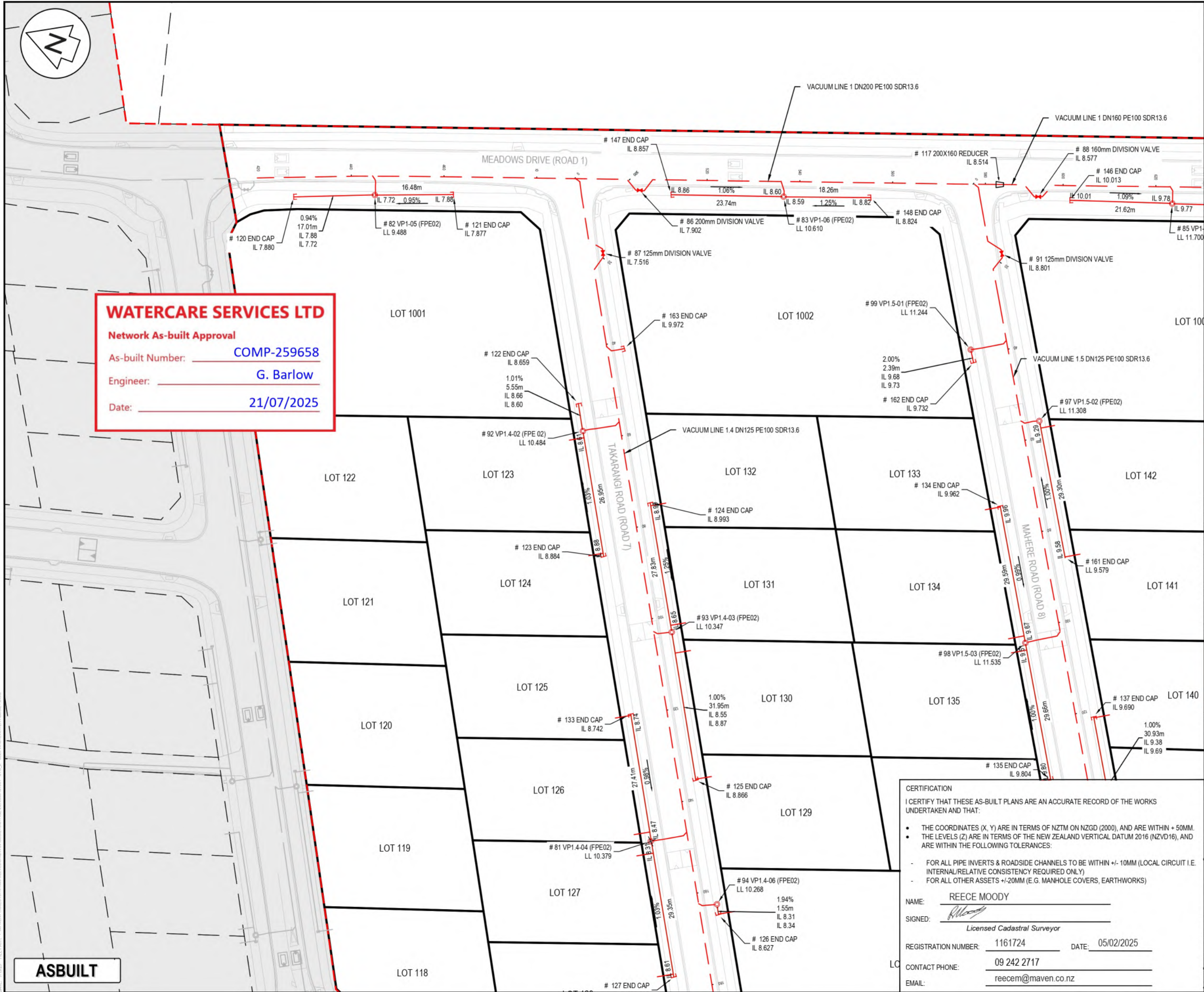
REFER TO STG-2 C924

144 PAKAPURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

PAPAKURA CLEVEDON ROAD

ASBUILT

DATE: 7/20/25 FILE PATH: F:\Maven\Projects\16000\CLEVEDON\ASBUILT\STAGE 2\STG_2_C920 WASTEWATER ASBUILT.DWG



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Legend

- EX BDY
- AB BDY
- STAGE BDY
- EX GRAVITY LINE
- EX VACUUM LINE
- AB VACUUM LINE
- AB GRAVITY 150MM UPVC LINE
- AB VALVE PIT
- AB DIVISION VALVE
- AB REDUCER
- AB END CAP

E	ASBUILT	ML	07/2025
B	ASBUILT	ML	03/2025
A	ASBUILT	AL	01/2025
Rev	Description	By	Date
	Survey	DEMPSEY WOOD	12/2024
	Design	ML	12/2024
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Auckland 1023

Project
62, 78 AND 80 PAPA KURA - CLEVEDON ROAD, CLEVEDON, AUCKLAND FOR CLEVEDON PROPERTIES LTD

Title
STAGE 2 WASTEWATER ASBUILT PLAN

Project no.	194006
Scale	1:750 @ A3
Cad file	ENG60407601 - STG_2 - C920 WASTEWATER ASBUILT.DWG
Drawing no.	STG_2 C921
Rev	E

CERTIFICATION

I CERTIFY THAT THESE AS-BUILT PLANS ARE AN ACCURATE RECORD OF THE WORKS UNDERTAKEN AND THAT:

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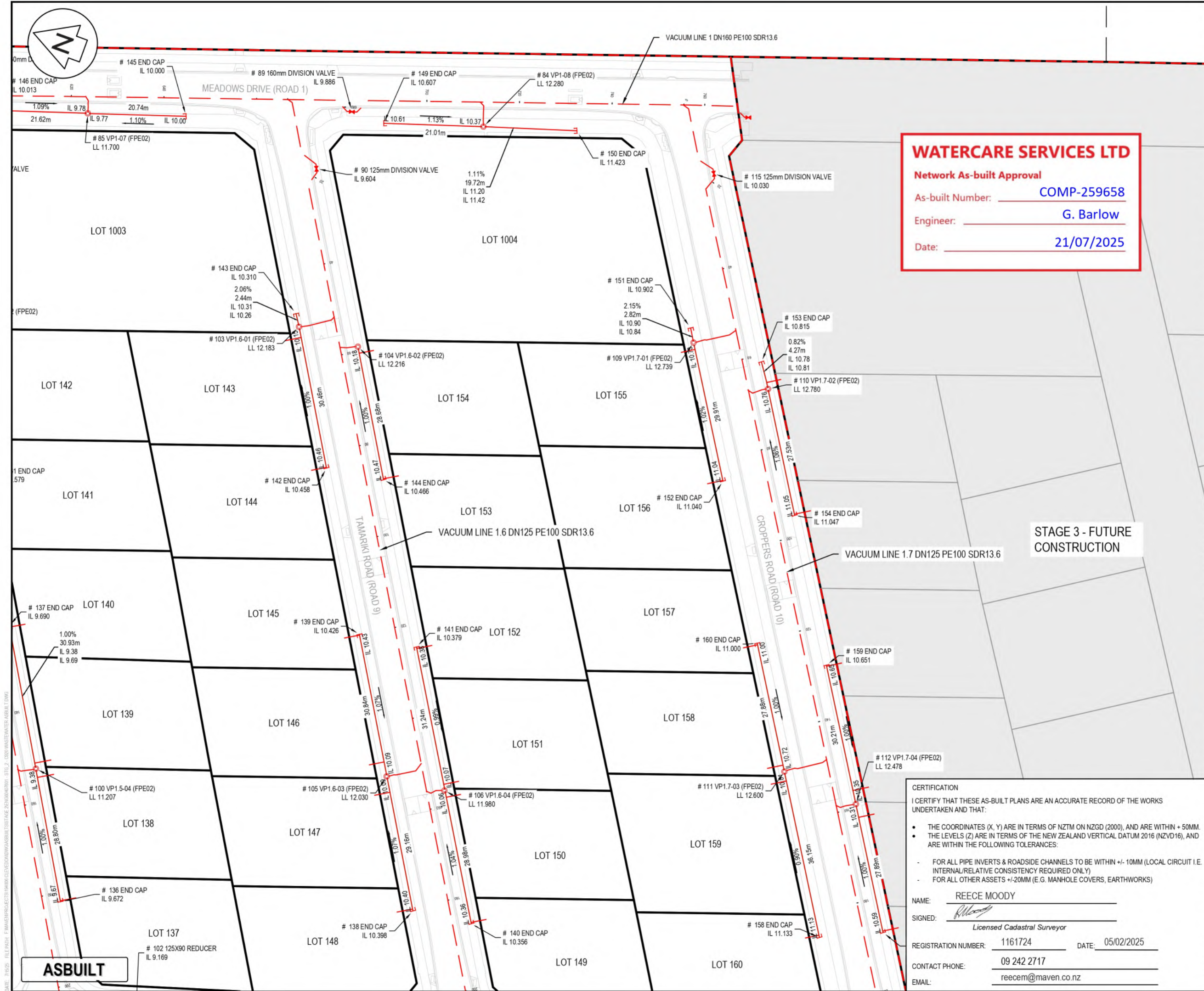
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NAME: **REECE MOODY**
SIGNED: *[Signature]*
Licensed Cadastral Surveyor

REGISTRATION NUMBER: **1161724** DATE: **05/02/2025**

CONTACT PHONE: **09 242 2717**

EMAIL: **reecem@maven.co.nz**



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Network As-built Approval
As-built Number: COMP-259658
Engineer: G. Barlow
Date: 21/07/2025

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**62, 78 AND 80 PAPA KURA -
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CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**STAGE 2 WASTEWATER
ASBUILT
PLAN**

Project no.	194006
Scale	1:750 @ A3
Cad file	ENG60407601 - STG_2 - C920 WASTEWATER ASBUILT.DWG
Drawing no.	STG_2 C922
Rev	E

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NAME: REECE MOODY

SIGNED: *Reece Moody*
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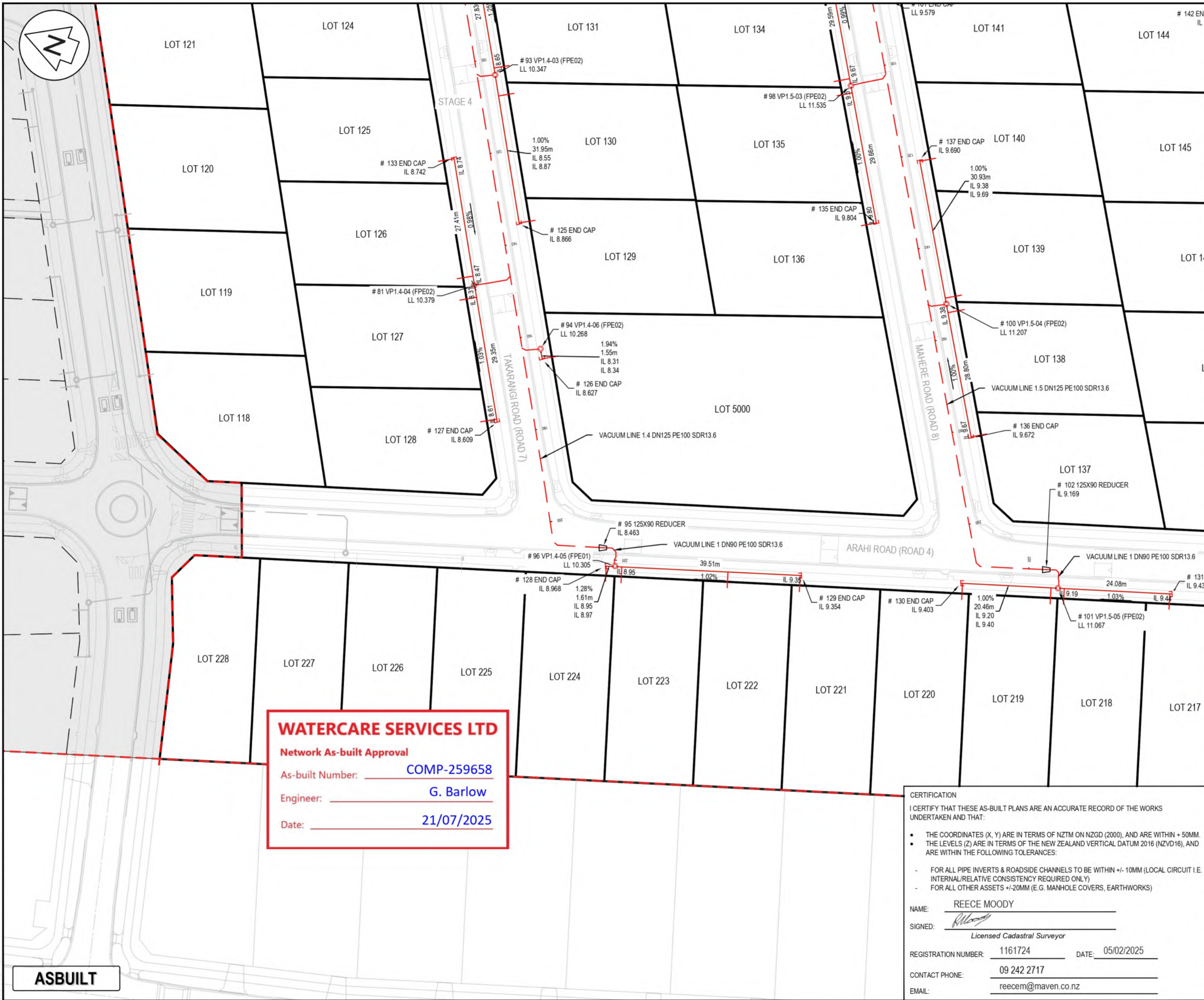
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DATE: 7/2025 FILE PATH: F:\Maven\Projects\62,78,80 PAPA KURA\STAGE 2\STG_2 - C920 WASTEWATER ASBUILT.DWG

DATE: 7/2025 FILE PATH: F:\Maven\Projects\14000\CLEVEDON\ASBUILT\STAGE 2\0201 WASTEWATER ASBUILT.DWG



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STAGE 2 WASTEWATER ASBUILT PLAN

Project no.	194006
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Cad file	ENG60407601 - STG_2 - C920 WASTEWATER ASBUILT.DWG
Drawing no.	STG_2 C923
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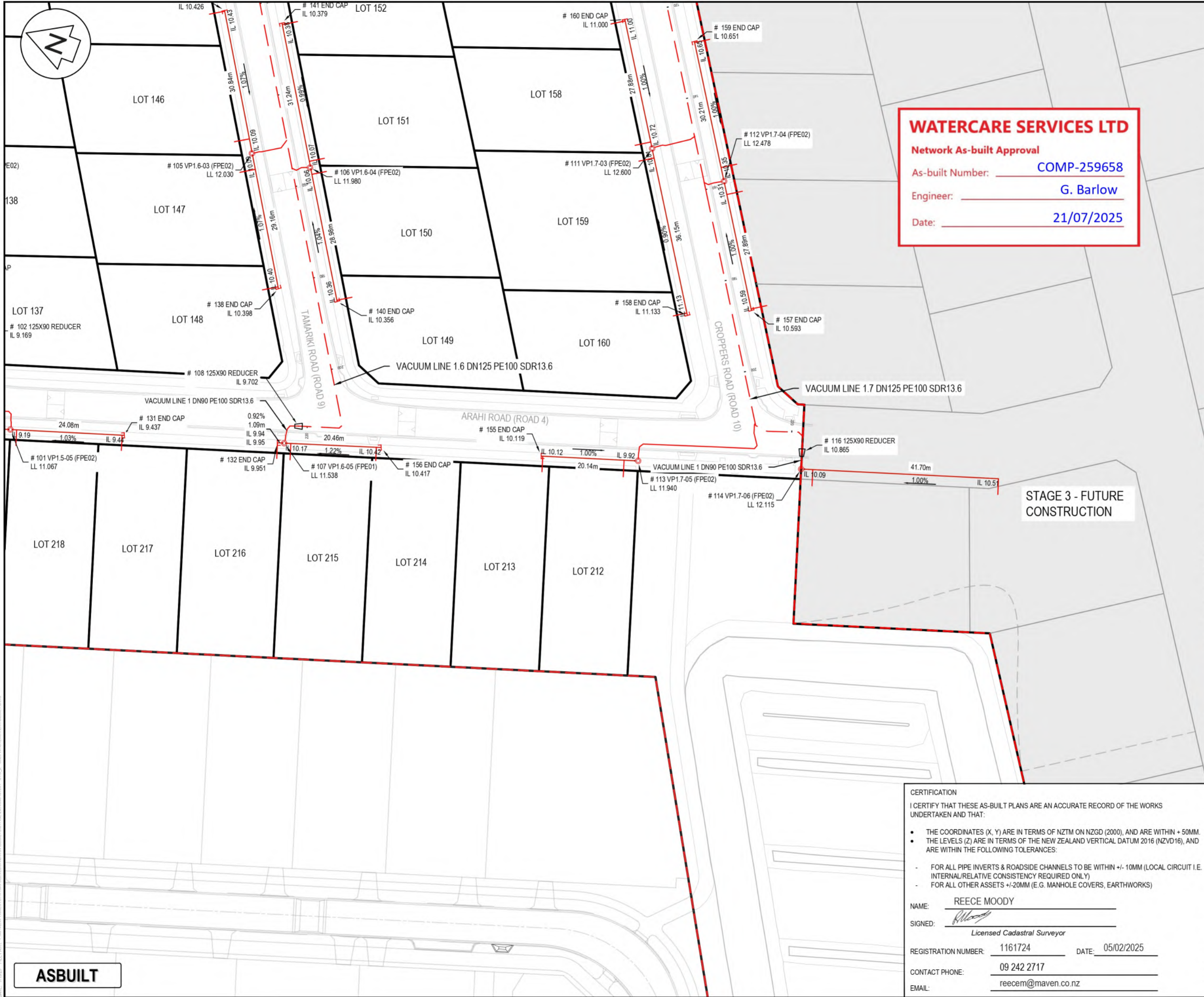
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ASBUILT

DATE: 7/20/25 FILE PATH: F:\Maven\Projects\16000\CLEVEDON\ASBUILT\STAGE 2\STG_2 - C920 WASTEWATER ASBUILT.DWG



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M
M A E N

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ASBUILT

DATE: 7/5/25 FILE PATH: F:\Maven\PROJECTS\14000\CLEVEDON\ASBUILT\STAGE 2\STAGE 2 - C920 WASTEWATER ASBUILT.DWG SITE 2 - C920 WASTEWATER ASBUILT.DWG

ASBUILT

TABLE OF CO-ORDINATES (NZTM)		
Name	Northing	Easting
# 81 VP1.4-04 (FPE02)	5902941.84mN	1781119.02mE
# 82 VP1.05 (FPE02)	5903045.49mN	1781229.68mE
# 83 VP1.06 (FPE02)	5902962.52mN	1781259.51mE
# 84 VP1.08 (FPE02)	5902802.04mN	1781313.39mE
# 85 VP1.07 (FPE02)	5902883.27mN	1781286.83mE
# 86 200mm DIVISION VALVE	5902992.17mN	1781250.20mE
# 87 125mm DIVISION VALVE	5902994.99mN	1781234.77mE
# 88 160mm DIVISION VALVE	5902910.95mN	1781278.33mE
# 89 160mm DIVISION VALVE	5902829.83mN	1781306.68mE
# 90 125mm DIVISION VALVE	5902832.80mN	1781292.51mE
# 91 125mm DIVISION VALVE	5902914.11mN	1781264.08mE
# 92 VP1.4-02 (FPE 02)	5902985.89mN	1781197.19mE
# 93 VP1.4-03 (FPE02)	5902953.02mN	1781163.00mE
# 94 VP1.4-06 (FPE02)	5902923.76mN	1781111.16mE
# 95 125X90 REDUCER	5902896.63mN	1781075.69mE
# 96 VP1.4-05 (FPE01)	5902892.82mN	1781072.87mE
# 97 VP1.5-02 (FPE02)	5902894.14mN	1781232.94mE
# 98 VP1.5-03 (FPE02)	5902880.60mN	1781186.93mE
# 99 VP1.5-01 (FPE02)	5902913.32mN	1781242.33mE
# 100 VP1.5-04 (FPE02)	5902845.32mN	1781150.02mE
# 101 VP1.5-05 (FPE02)	5902801.99mN	1781100.93mE
# 102 125X90 REDUCER	5902805.73mN	1781103.81mE
# 103 VP1.6-01 (FPE02)	5902824.65mN	1781259.14mE
# 104 VP1.6-02 (FPE02)	5902811.22mN	1781259.46mE
# 105 VP1.6-03 (FPE02)	5902773.62mN	1781174.37mE

TABLE OF CO-ORDINATES (NZTM)		
Name	Northing	Easting
# 106 VP1.6-04 (FPE02)	5902760.85mN	1781175.78mE
# 107 VP1.6-05 (FPE01)	5902745.80mN	1781118.29mE
# 108 125X90 REDUCER	5902744.19mN	1781122.79mE
# 109 VP1.7-01 (FPE02)	5902743.44mN	1781285.11mE
# 110 VP1.7-02 (FPE02)	5902724.90mN	1781281.21mE
# 111 VP1.7-03 (FPE02)	5902693.28mN	1781204.77mE
# 112 VP1.7-04 (FPE02)	5902676.36mN	1781203.47mE
# 113 VP1.7-05 (FPE02)	5902673.13mN	1781140.73mE
# 114 VP1.7-06 (FPE02)	5902639.68mN	1781151.07mE
# 115 125mm DIVISION VALVE	5902751.81mN	1781320.87mE
# 116 125X90 REDUCER	5902640.73mN	1781154.46mE
# 117 200X160 REDUCER	5902919.71mN	1781277.95mE
# 120 END CAP	5903061.80mN	1781223.30mE
# 121 END CAP	5903029.60mN	1781235.58mE
# 122 END CAP	5902988.85mN	1781202.45mE
# 123 END CAP	5902972.41mN	1781173.27mE
# 124 END CAP	5902966.97mN	1781187.63mE
# 125 END CAP	5902937.20mN	1781134.71mE
# 126 END CAP	5902922.67mN	1781109.17mE
# 127 END CAP	5902927.12mN	1781093.21mE
# 128 END CAP	5902894.77mN	1781072.15mE
# 129 END CAP	5902854.58mN	1781084.66mE
# 130 END CAP	5902821.94mN	1781094.79mE
# 131 END CAP	5902778.60mN	1781108.13mE
# 132 END CAP	5902747.21mN	1781117.87mE

TABLE OF CO-ORDINATES (NZTM)		
Name	Northing	Easting
# 133 END CAP	5902955.30mN	1781143.36mE
# 134 END CAP	5902895.81mN	1781212.81mE
# 135 END CAP	5902865.32mN	1781161.01mE
# 136 END CAP	5902830.51mN	1781124.83mE
# 137 END CAP	5902861.29mN	1781176.99mE
# 138 END CAP	5902758.34mN	1781149.03mE
# 139 END CAP	5902789.65mN	1781201.20mE
# 140 END CAP	5902745.55mN	1781150.75mE
# 141 END CAP	5902777.13mN	1781202.86mE
# 142 END CAP	5902808.64mN	1781232.51mE
# 143 END CAP	5902826.23mN	1781261.59mE
# 144 END CAP	5902796.19mN	1781234.35mE
# 145 END CAP	5902863.12mN	1781293.51mE
# 146 END CAP	5902904.28mN	1781279.95mE
# 147 END CAP	5902985.45mN	1781251.64mE
# 148 END CAP	5902944.81mN	1781265.80mE
# 149 END CAP	5902822.52mN	1781306.70mE
# 150 END CAP	5902782.77mN	1781319.47mE
# 151 END CAP	5902745.13mN	1781287.86mE
# 152 END CAP	5902727.22mN	1781259.17mE
# 153 END CAP	5902728.22mN	1781286.18mE
# 154 END CAP	5902710.15mN	1781257.51mE
# 155 END CAP	5902693.04mN	1781134.58mE
# 156 END CAP	5902725.93mN	1781124.54mE
# 157 END CAP	5902661.38mN	1781179.42mE

TABLE OF CO-ORDINATES (NZTM)		
Name	Northing	Easting
# 158 END CAP	5902673.91mN	1781173.69mE
# 159 END CAP	5902692.62mN	1781229.44mE
# 160 END CAP	5902708.29mN	1781228.81mE
# 161 END CAP	5902878.83mN	1781207.13mE
# 162 END CAP	5902911.78mN	1781239.89mE
# 163 END CAP	5902983.61mN	1781216.95mE

WATERCARE SERVICES LTD

Network As-built Approval

As-built Number: **COMP-259658**

Engineer: **G. Barlow**

Date: **21/07/2025**

CERTIFICATION

I CERTIFY THAT THESE AS-BUILT PLANS ARE AN ACCURATE RECORD OF THE WORKS UNDERTAKEN AND THAT:

- THE COORDINATES (X, Y) ARE IN TERMS OF NZTM ON NZGD (2000), AND ARE WITHIN + 50MM.
- THE LEVELS (Z) ARE IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016 (NZVD16), AND ARE WITHIN THE FOLLOWING TOLERANCES:
 - FOR ALL PIPE INVERTS & ROADSIDE CHANNELS TO BE WITHIN +/- 10MM (LOCAL CIRCUIT I.E. INTERNAL/RELATIVE CONSISTENCY REQUIRED ONLY)
 - FOR ALL OTHER ASSETS +/-20MM (E.G. MANHOLE COVERS, EARTHWORKS)

NAME: **REECE MOODY**

SIGNED: *Reece Moody*
Licensed Cadastral Surveyor

REGISTRATION NUMBER: **1161724** DATE: **05/02/2025**

CONTACT PHONE: **09 242 2717**

EMAIL: **reecem@maven.co.nz**

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
2. COORDINATES IN TERMS OF NEW ZEALAND TRANSVERSE MERCATOR 2000 (NZTM 2000).
3. LEVELS IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
ORIGIN OF LEVELS = RM 5846 SO 58211
PUBLISHED RL=10.309, SOURCED FROM THE LINZ DIGITAL GEODETIC DATABASE.
4. ALL GRAVITY PIPES ARE DN150 uPVC SN16 WORKS CARRIED OUT BY DEMPSEY WOOD.
5. GAP20 USED FOR BEDDING, GAP65 USED FOR HARDFILL BACKFILL BENEATH HARDSTAND SURFACES.
6. LENGTH, GRADE AND INVERT LEVELS OF GRAVITY PIPE SHOWN ON THE PIPES.
7. WORKS COMPLETED IN AUGUST 2024.
8. CONSTRUCTED IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
9. ALL DRAINAGE IS PUBLIC UNLESS SHOWN OTHERWISE.
10. ALL CONNECTIONS ARE 100MM UPVC SN16 UNLESS NOTED OTHERWISE.
11. WASTEWATER AS-BUILTS CAD FILE NAME: "NZTM 20240913 FLOVAC SYSTEM ASBUILT REV2.DWG".
RECEIVED ON 16/09/2024.
12. WASTEWATER ASBUILT DATA PROVIDED BY DEMPSEY WOOD.
13. EX WASTEWATER MAIN DATA OBTAINED FROM AUCKLAND GIS.
14. EPA NO. ENG60407601; WATERCARE COMP NO.259658.

E	ASBUILT	ML	07/2025
B	ASBUILT	ML	03/2025
A	ASBUILT	AL	01/2025
Rev	Description	By	Date
	By	Date	
Survey	DEMPSEY WOOD	12/2024	
Design	ML	12/2024	
Drawn	ML	12/2024	
Checked	JD	12/2024	



Project
62, 78 AND 80 PAPA KURA - CLEVEDON ROAD, CLEVEDON, AUCKLAND FOR CLEVEDON PROPERTIES LTD

Title
STAGE 2 WASTEWATER ASBUILT TABLE

Project no. **194006**

Scale **NA**

Cad file **ENG60407601 - STG_2 - C920 WASTEWATER ASBUILT.DWG**

Drawing no. **STG_2 C925**

Rev **E**