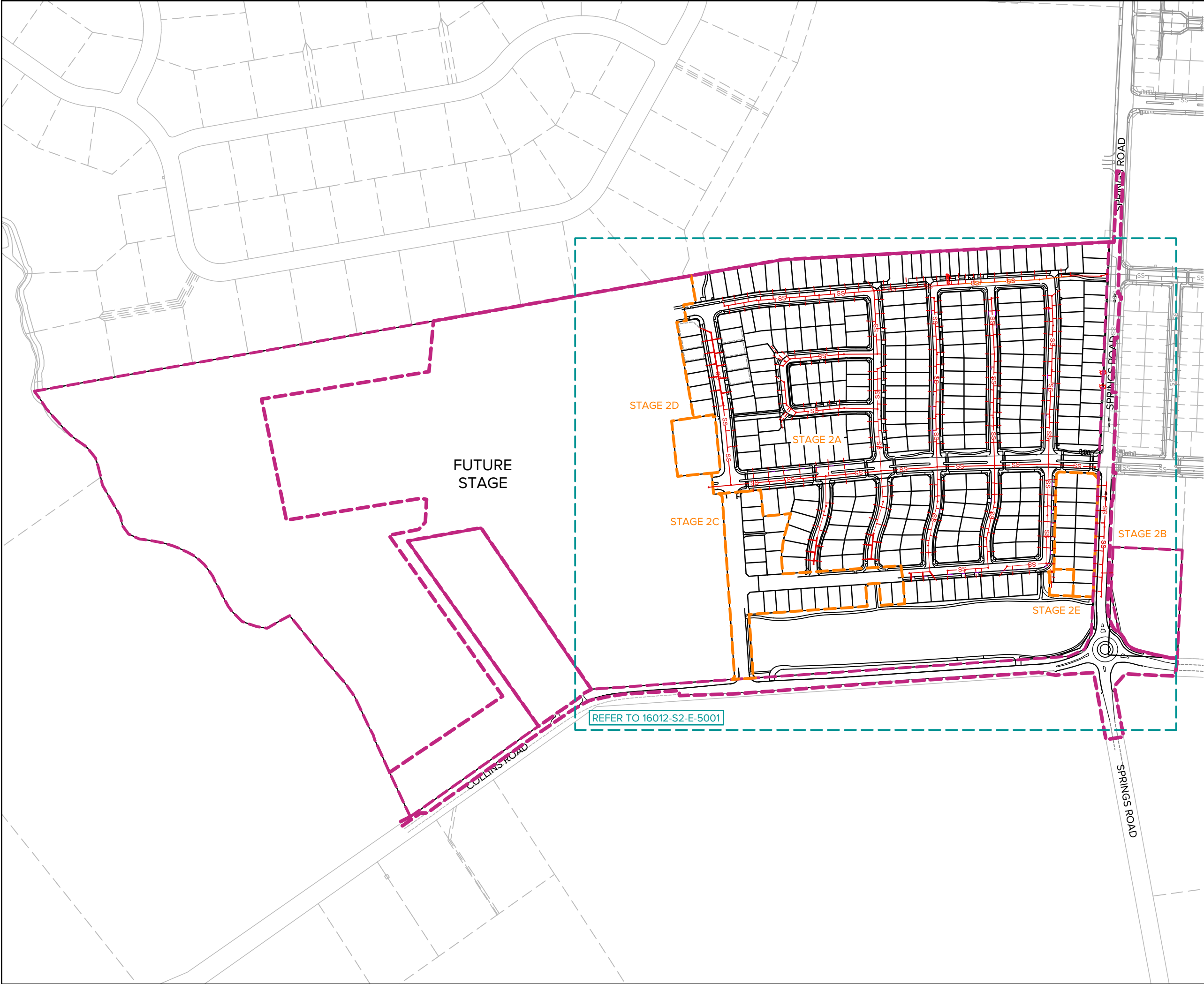




CLIENT:



EARLSBROOK

LINCOLN



- NOTES
1.

AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
2.

AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
3.

ALL BURIED SERVICES MUST BE POSITIVELY IDENTIFIED USING CABLE LOCATORS, GROUND PENETRATING RADAR EQUIPMENT OR POT-HOLING BY HYDRO-EXCAVATION BEFORE ANY HAND OR MECHANICAL EXCAVATIONS ARE UNDERTAKEN. THESE PLANS SHOULD NOT BE RELIED ON FOR LOCATION OF SERVICES OR SERVICE TYPE.
4.

PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENCE 4.0.
5.

HEIGHTS ARE IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
6.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
7.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
8.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
9.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

SS

SS

WASTEWATER MAIN

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WASTEWATER COLLECTOR

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WASTEWATER LATERAL

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EX. WASTEWATER MAIN

SS

SS

EX. WASTEWATER LATERAL



WASTEWATER MANHOLE



VENTED WASTEWATER MANHOLE



ASBUILT PENDING



ABANDONED LINE



HYPOTHETICAL LATERAL



CONCRETE CAPPING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AS-BUILT WASTEWATER
OVERVIEW PLAN
SHEET 1 of 2

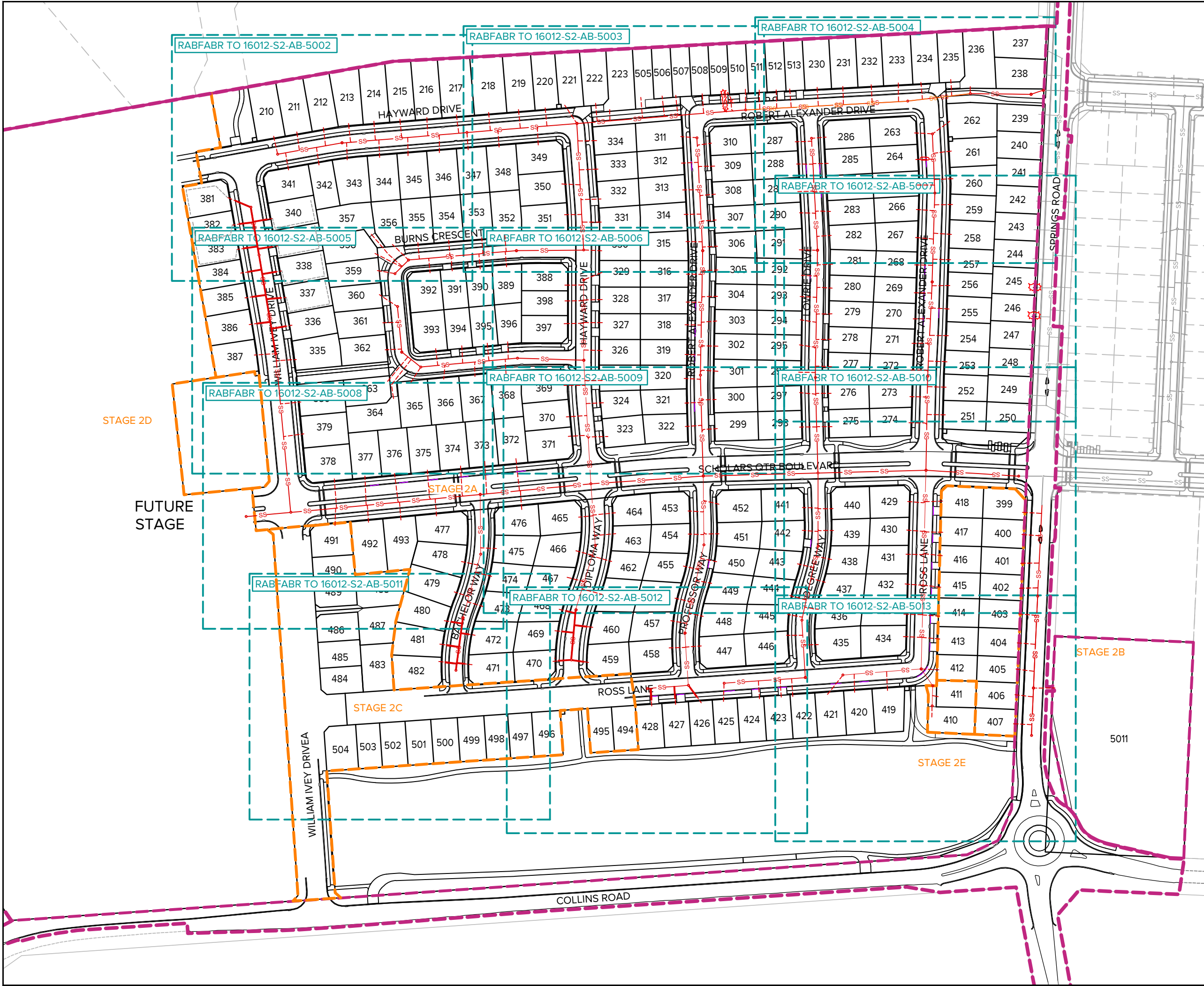
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	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:2000 @A1	1:4000 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5000		

0 40 100 200 SCALE (m) 1:2000 @A1 1:4000 @A3

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-5000.DWG

Synergy Version:

Plot Date: 3:52:50 pm;1 August 2026; MICHAEL SHEARER



- NOTES
1.

AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
2.

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4.

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5.

HEIGHTS ARE IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
6.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
7.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
8.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
9.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

- LEGEND
- WASTEWATER MAIN
- WASTEWATER COLLECTOR
- WASTEWATER LATERAL
- EX. WASTEWATER MAIN
- EX. WASTEWATER LATERAL
- WASTEWATER MANHOLE
- VENTED WASTEWATER MANHOLE
- ASBUILT PENDING
- ABANDONED LINE
- HYPOTHETICAL LATERAL
- CONCRETE CAPPING

2	WHOLE SITE AS-BUILT EX. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AS-BUILT WASTEWATER
OVERVIEW PLAN
SHEET 2 of 2

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:1000 @A1	1:2000 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5001		



CLIENT:



EARLSBROOK
LINCOLN



- NOTES
1.

AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
2.

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5.

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6.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
7.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
8.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
9.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

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WASTEWATER MAIN

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WASTEWATER COLLECTOR

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WASTEWATER LATERAL

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EX. WASTEWATER MAIN

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EX. WASTEWATER LATERAL



WASTEWATER MANHOLE



VENTED WASTEWATER MANHOLE



ASBUILT PENDING



ABANDONED LINE



HYPOTHETICAL LATERAL



CONCRETE CAPPING

2	WHOLE SITE AS-BUILT Ex.2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AS-BUILT WASTEWATER
LAYOUT PLAN
SHEET 1 of 12

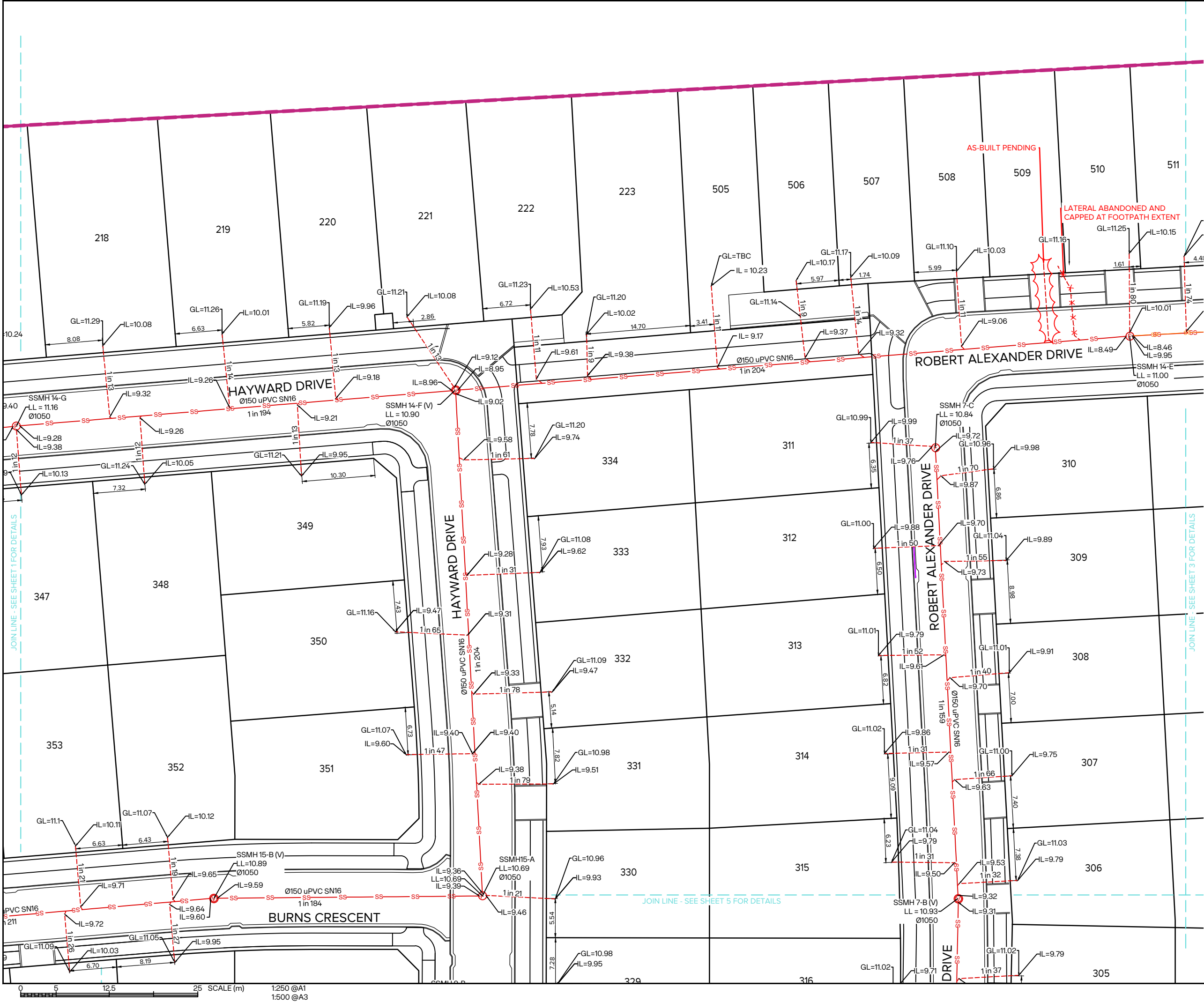
	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5002		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-5000.DWG

0 5 12.5 25 SCALE (m)
1:250 @A1
1:500 @A3

Synergy Version:

Plot Date: 3:52:57 pm, 1 August 2026, MICHAEL SHEARER



CLIENT:



EARLSBROOK
LINCOLN



- NOTES
1.

AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
2.

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5.

HEIGHTS ARE IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
6.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
7.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
8.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
9.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

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WASTEWATER MAIN

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WASTEWATER COLLECTOR

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WASTEWATER LATERAL

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EX. WASTEWATER MAIN

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EX. WASTEWATER LATERAL



WASTEWATER MANHOLE



VENTED WASTEWATER MANHOLE



ASBUILT PENDING



ABANDONED LINE



HYPOTHETICAL LATERAL



CONCRETE CAPPING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

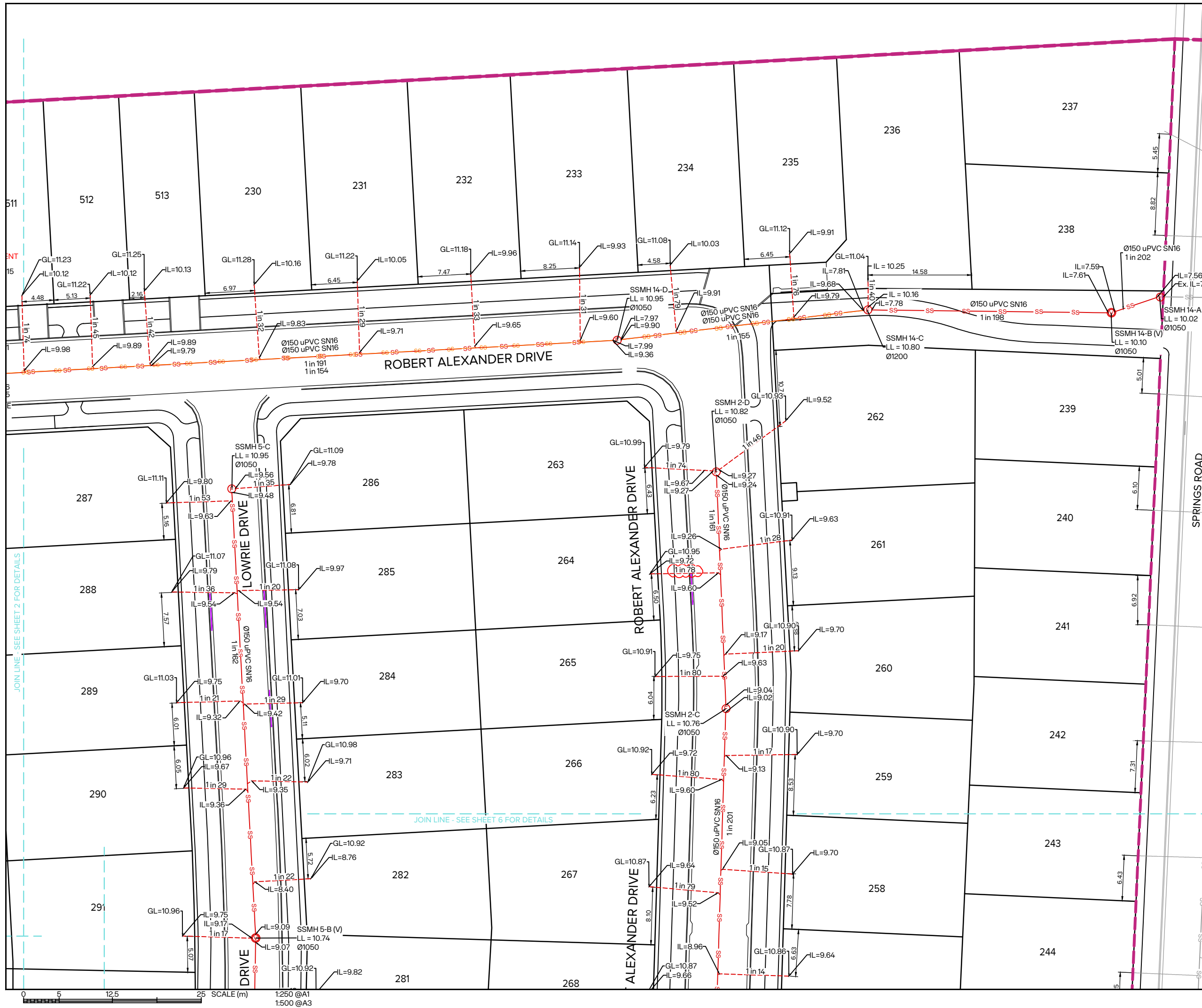
PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AS-BUILT WASTEWATER
LAYOUT PLAN
SHEET 2 of 12

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5003		





NOTES

- AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
- AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
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- HEIGHTS ARE IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

- SS SS WASTEWATER MAIN
- SS SS WASTEWATER COLLECTOR
- SS SS WASTEWATER LATERAL
- SS SS EX. WASTEWATER MAIN
- SS SS EX. WASTEWATER LATERAL
- WASTEWATER MANHOLE
- VENTED WASTEWATER MANHOLE
- ASBUILT PENDING
- ABANDONED LINE
- HYPOTHETICAL LATERAL
- CONCRETE CAPPING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

**EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2**

DESCRIPTION:

**AS-BUILT WASTEWATER
LAYOUT PLAN
SHEET 3 of 12**

SURVEYED	RD (TOTAL SURVEY)	02.02.26
DESIGNED	DR	01.01.26
DRAWN	ARA	30.04.26
CHECKED	MHS	03/07/2026
APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5004		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-5000.DWG

Plot Date: 3:53:05 pm; 1 August 2026; MICHAEL SHEARER Synergy Version:



CLIENT:




- NOTES
1.

AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
2.

AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
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5.

HEIGHTS ARE IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
6.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
7.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
8.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
9.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

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WASTEWATER MAIN

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WASTEWATER COLLECTOR

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WASTEWATER LATERAL

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EX. WASTEWATER MAIN

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EX. WASTEWATER LATERAL



WASTEWATER MANHOLE



VENTED WASTEWATER MANHOLE



ASBUILT PENDING



ABANDONED LINE



HYPOTHETICAL LATERAL



CONCRETE CAPPING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AS-BUILT WASTEWATER
LAYOUT PLAN
SHEET 4 of 12

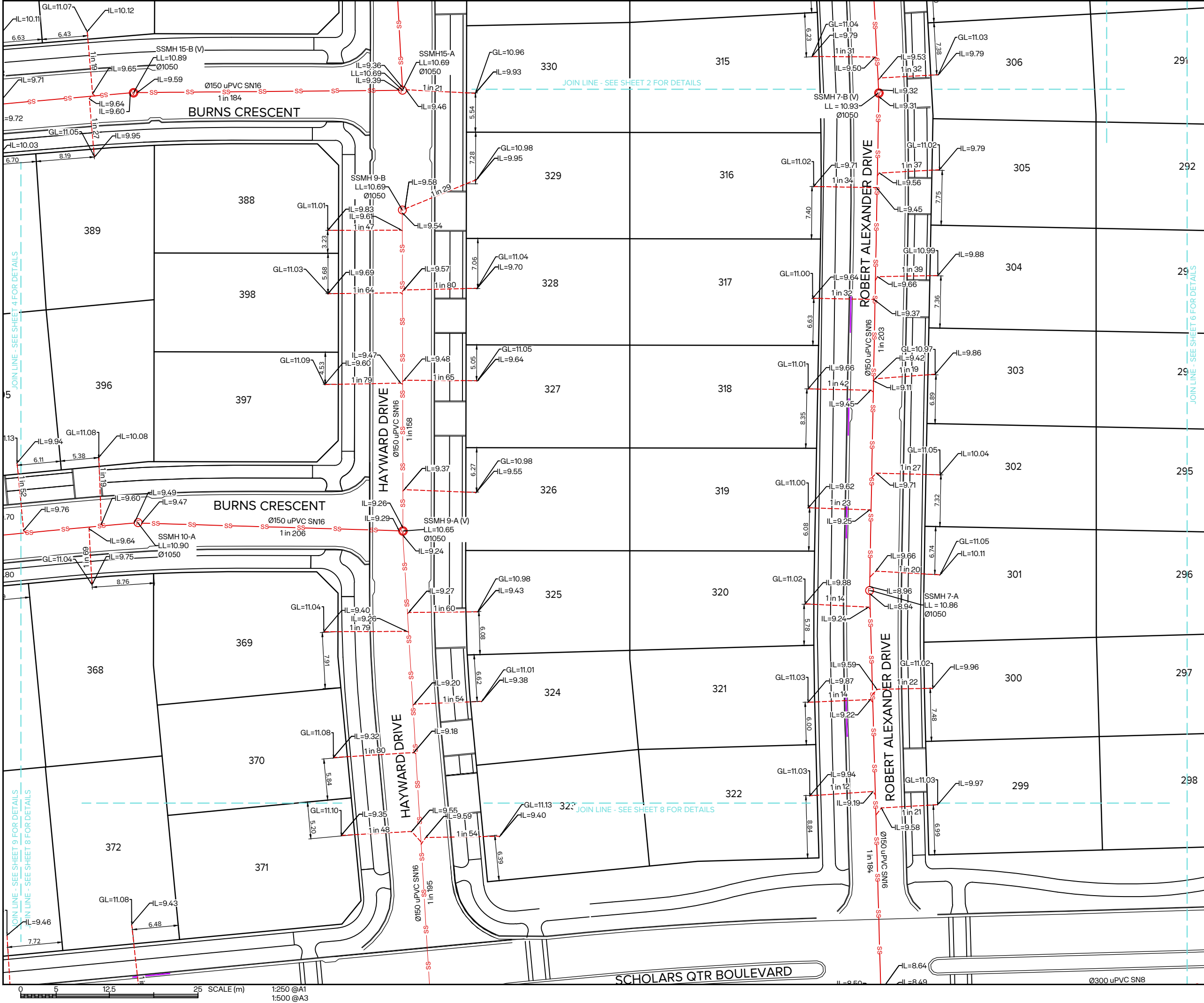
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	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5005		

0 5 12.5 25 SCALE (m) 1:250 @A1 1:500 @A3

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-5000.DWG

Synergy Version:

Plot Date: 3:53:06 pm;1 August 2026; MICHAEL SHEARER



NOTES

- AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
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- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

SS

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WASTEWATER MAIN

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WASTEWATER COLLECTOR

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WASTEWATER LATERAL

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EX. WASTEWATER MAIN

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EX. WASTEWATER LATERAL

WASTEWATER MANHOLE

VENTED WASTEWATER MANHOLE

ASBUILT PENDING

ABANDONED LINE

HYPOTHETICAL LATERAL

CONCRETE CAPPING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

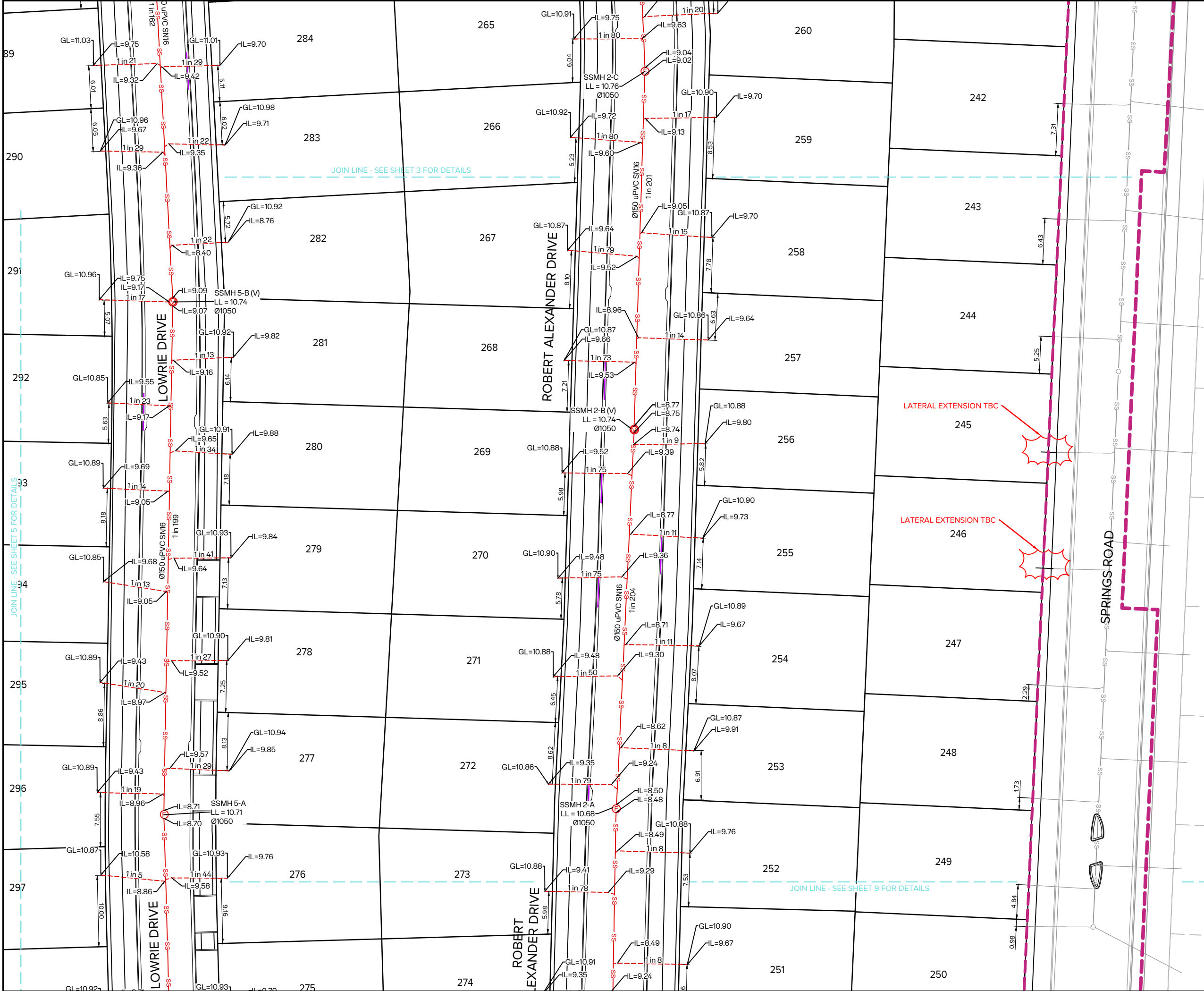
AS-BUILT WASTEWATER
LAYOUT PLAN
SHEET 5 of 12

SURVEYED	RD (TOTAL SURVEY)	02.02.26
DESIGNED	DR	01.01.26
DRAWN	ARA	30.04.26
CHECKED	MHS	03/07/2026
APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5006		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-5000.DWG

Plot Date: 3:53:12 pm 1 August 2026, MICHAEL SHEARER Synergy Version:





NOTES

- AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
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- ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

- SS SS WASTEWATER MAIN
- SS SS WASTEWATER COLLECTOR
- SS SS WASTEWATER LATERAL
- SS SS EX. WASTEWATER MAIN
- SS SS EX. WASTEWATER LATERAL
- WASTEWATER MANHOLE
- VENTED WASTEWATER MANHOLE
- ASBUILT PENDING
- ABANDONED LINE
- HYPOTHETICAL LATERAL
- CONCRETE CAPPING

2	WHOLE SITE AS-BUILT EX. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE
PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2			
DESCRIPTION: AS-BUILT WASTEWATER LAYOUT PLAN SHEET 6 of 12			
	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5007		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-5000.DWG

Plot Date: 3:53:16 pm 1 August 2026, MICHAEL SHEARER

Synergy Version:





NOTES

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- ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

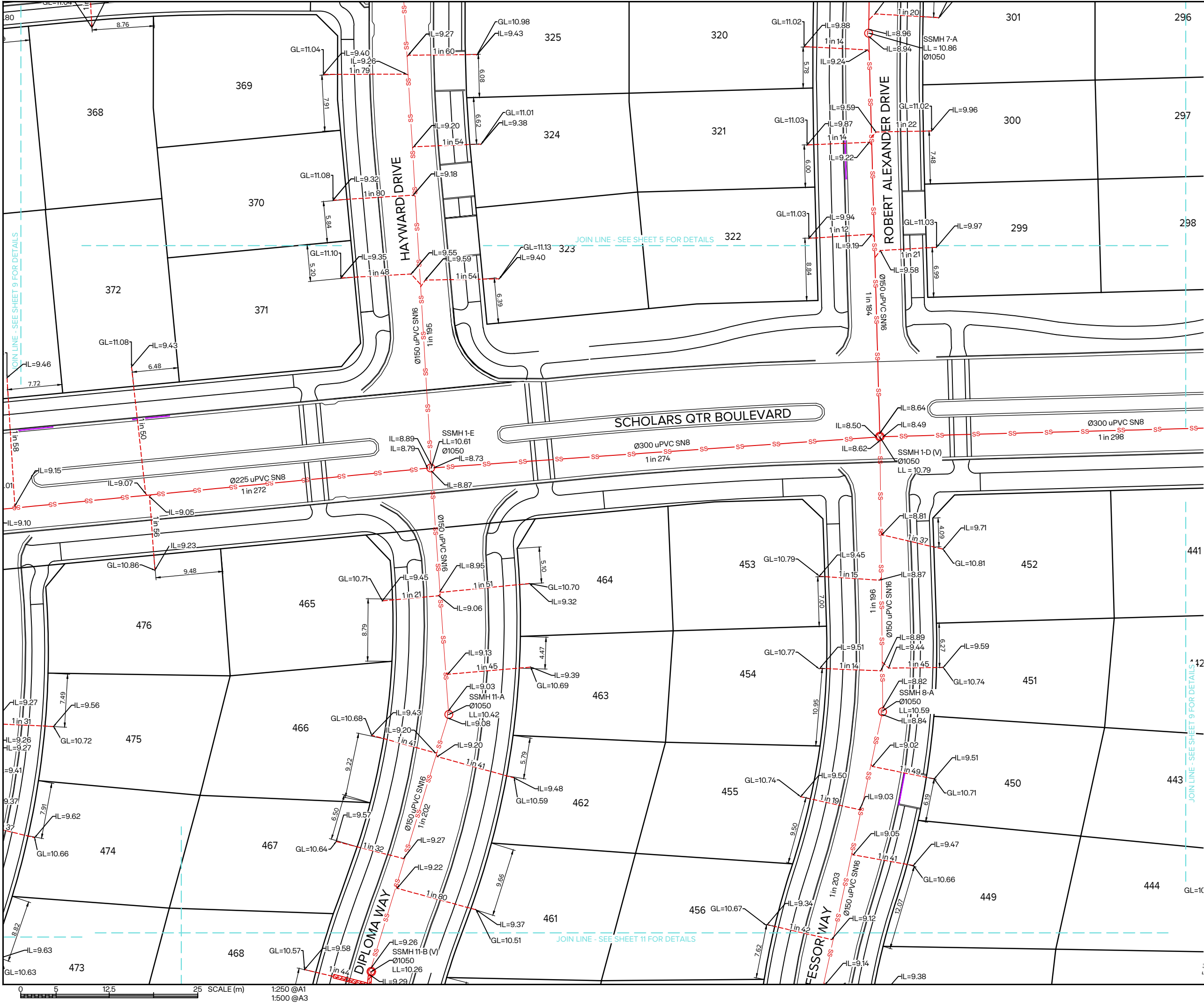
SS	SS	WASTEWATER MAIN
SS	SS	WASTEWATER COLLECTOR
SS	SS	WASTEWATER LATERAL
SS	SS	EX. WASTEWATER MAIN
SS	SS	EX. WASTEWATER LATERAL
SSMH 1-F (V)		WASTEWATER MANHOLE
SSMH 14-H		VENTED WASTEWATER MANHOLE
SSMH 12-A		ASBUILT PENDING
SSMH 12-B (V)		ABANDONED LINE
SSMH 12-C		HYPOTHETICAL LATERAL
SSMH 12-D		CONCRETE CAPPING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE
PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2			
DESCRIPTION: AS-BUILT WASTEWATER LAYOUT PLAN SHEET 7 of 12			
	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5008		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-5000.DWG

Plot Date: 3:53:20 pm;1 August 2026; MICHAEL SHEARER

Synergy Version:



NOTES

- AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
- AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
- ALL BURIED SERVICES MUST BE POSITIVELY IDENTIFIED USING CABLE LOCATORS, GROUND PENETRATING RADAR EQUIPMENT OR POT-HOLING BY HYDRO-EXCAVATION BEFORE ANY HAND OR MECHANICAL EXCAVATIONS ARE UNDERTAKEN. THESE PLANS SHOULD NOT BE RELIED ON FOR LOCATION OF SERVICES OR SERVICE TYPE.
- PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENCE 4.0.
- HEIGHTS ARE IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

SS	SS	WASTEWATER MAIN
SS	SS	WASTEWATER COLLECTOR
SS	SS	WASTEWATER LATERAL
SS	SS	EX. WASTEWATER MAIN
SS	SS	EX. WASTEWATER LATERAL
		WASTEWATER MANHOLE
		VENTED WASTEWATER MANHOLE
		ASBUILT PENDING
		ABANDONED LINE
		HYPOTHETICAL LATERAL
		CONCRETE CAPPING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

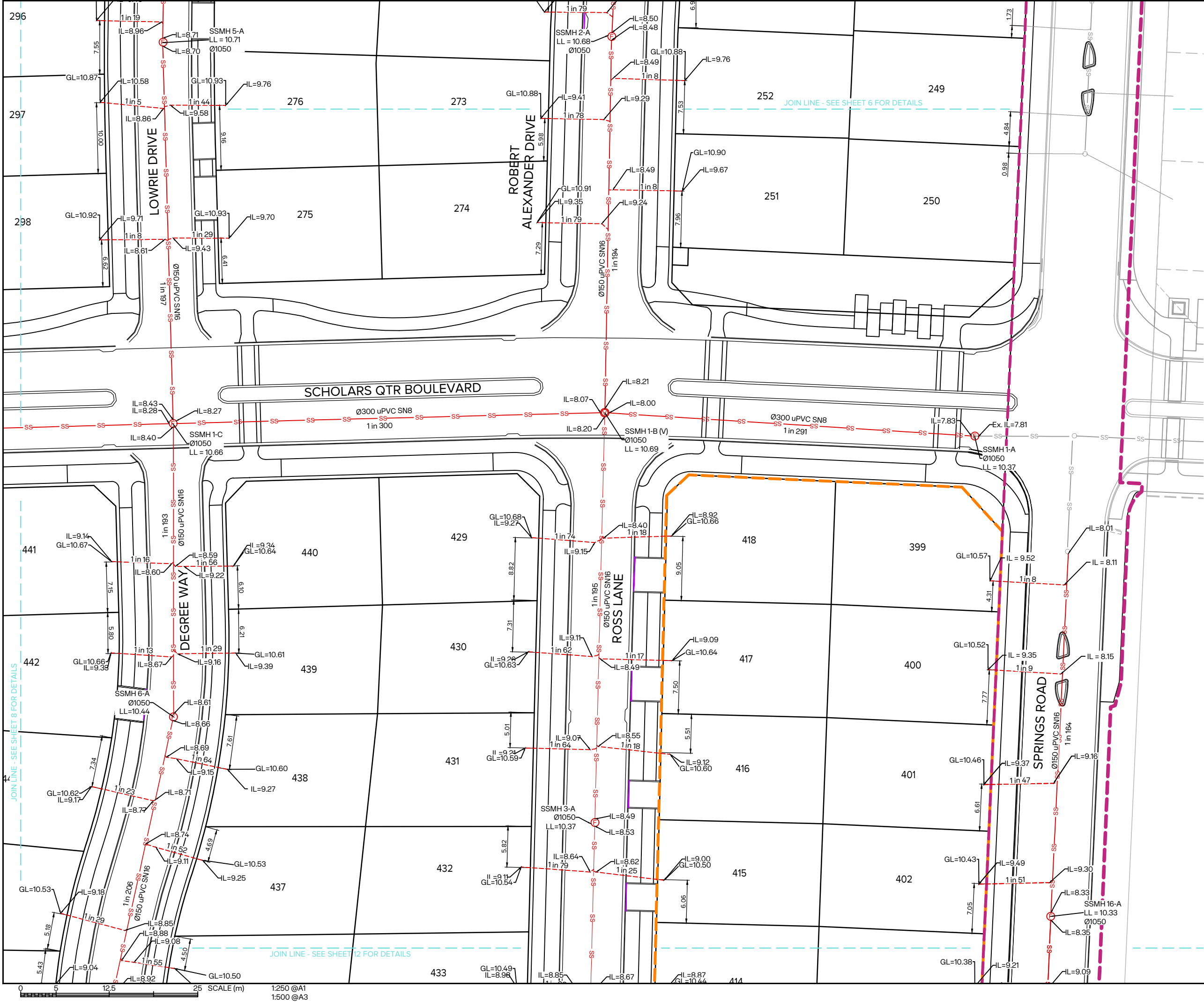
AS-BUILT WASTEWATER
LAYOUT PLAN
SHEET 8 of 12

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5009		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-5000.DWG

Plot Date: 3:53:23 pm; 1 August 2026; MICHAEL SHEARER

Synergy Version:





NOTES

- AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
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- HEIGHTS ARE IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

	SS	WASTEWATER MAIN
	SS	WASTEWATER COLLECTOR
	SS	WASTEWATER LATERAL
	SS	EX. WASTEWATER MAIN
	SS	EX. WASTEWATER LATERAL
		WASTEWATER MANHOLE
		VENTED WASTEWATER MANHOLE
		ASBUILT PENDING
		ABANDONED LINE
		HYPOTHETICAL LATERAL
		CONCRETE CAPPING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

**EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2**

DESCRIPTION:

**AS-BUILT WASTEWATER
LAYOUT PLAN
SHEET 9 of 12**



SURVEYED	RD (TOTAL SURVEY)	02.02.26
DESIGNED	DR	01.01.26
DRAWN	ARA	30.04.26
CHECKED	MHS	03/07/2026
APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-5010		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-5000.DWG

Plot Date: 3:53:27 pm, 1 August 2026, MICHAEL SHEARER Synergy Version:



CLIENT:



EARLSBROOK
LINCOLN



- NOTES
1.

AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
2.

AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
3.

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4.

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5.

HEIGHTS ARE IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
6.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
7.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS SHOWN OTHERWISE
8.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
9.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

SS

SS

SS

WASTEWATER MAIN

SS

SS

SS

WASTEWATER COLLECTOR

SS

SS

SS

WASTEWATER LATERAL

SS

SS

SS

EX. WASTEWATER MAIN

SS

SS

SS

EX. WASTEWATER LATERAL

⊕

WASTEWATER MANHOLE

⊕

VENTED WASTEWATER MANHOLE

⊕

ASBUILT PENDING

ABANDONED LINE

HYPOTHETICAL LATERAL

▨

CONCRETE CAPPING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE
PROJECT:			
EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2			
DESCRIPTION:			
AS-BUILT WASTEWATER LAYOUT PLAN SHEET 11 of 12			
	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-E-5012		





NOTES

1. AS-BUILT WASTEWATER INVERT LEVELS AND POSITION SURVEYED USING TOTAL STATION.
2. AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
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4. PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENCE 4.0.
5. HEIGHTS ARE IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
6. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
7. ALL LOT LATERALS ARE DN100 UPVC S16 UNLESS SHOWN OTHERWISE
8. HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
9. VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

- | | |
|---|---------------------------|
|  | WASTEWATER MAIN |
|  | WASTEWATER COLLECTOR |
|  | WASTEWATER LATERAL |
|  | EX. WASTEWATER MAIN |
|  | EX. WASTEWATER LATERAL |
|  | WASTEWATER MANHOLE |
|  | VENTED WASTEWATER MANHOLE |
|  | ASBUILT PENDING |
|  | ABANDONED LINE |
|  | HYPOTHETICAL LATERAL |
|  | CONCRETE CAPPING |

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	MORE INFORMATION ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AS-BUILT WASTEWATER
LAYOUT PLAN
SHEET 12 of 12

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
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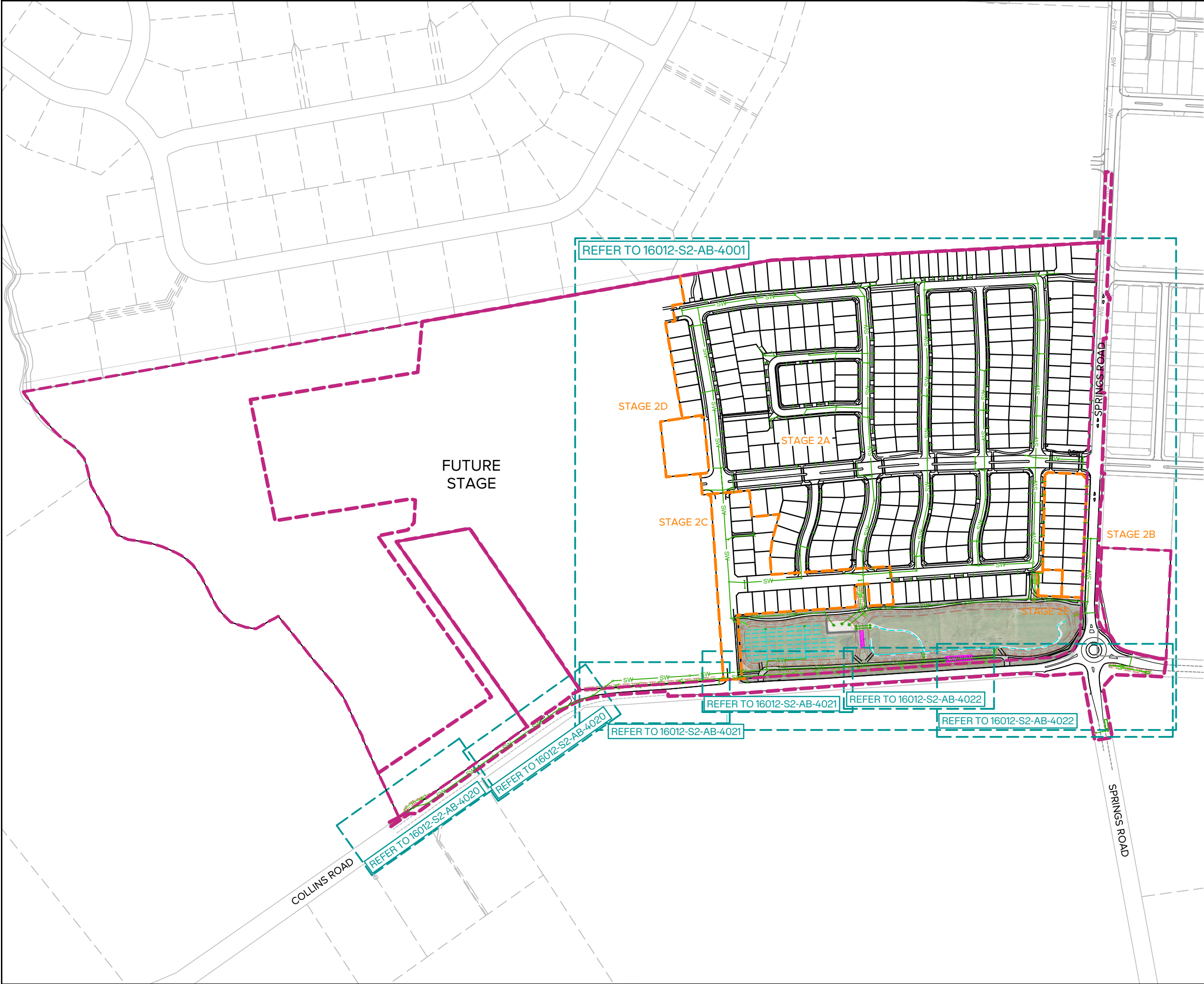
STATUS	AS-BUILT	2
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PROJECT	16012	2
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Synergy Version:

Plot Date: 3:53:38 pm.1 August 2026, MICHAEL SHEARER



CLIENT:



EARLSBROOK
LINCOLN



NOTES

1.

AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.

2.

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4.

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5.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.

6.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE

7.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]

8.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

— SW — SW

STORMWATER MAIN

— — — — —

STORMWATER LATERAL



MANHOLE



SCRUFFY DOME MANHOLE



SINGLE/DOUBLE SUMP

— SW — SW

EX. STORMWATER PIPE

— — — — —

EX. STORMWATER LATERAL



ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AB-BUILT STORMWATER
OVERVIEW PLAN
SHEET 1 of 2



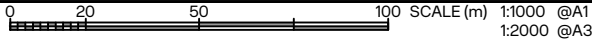
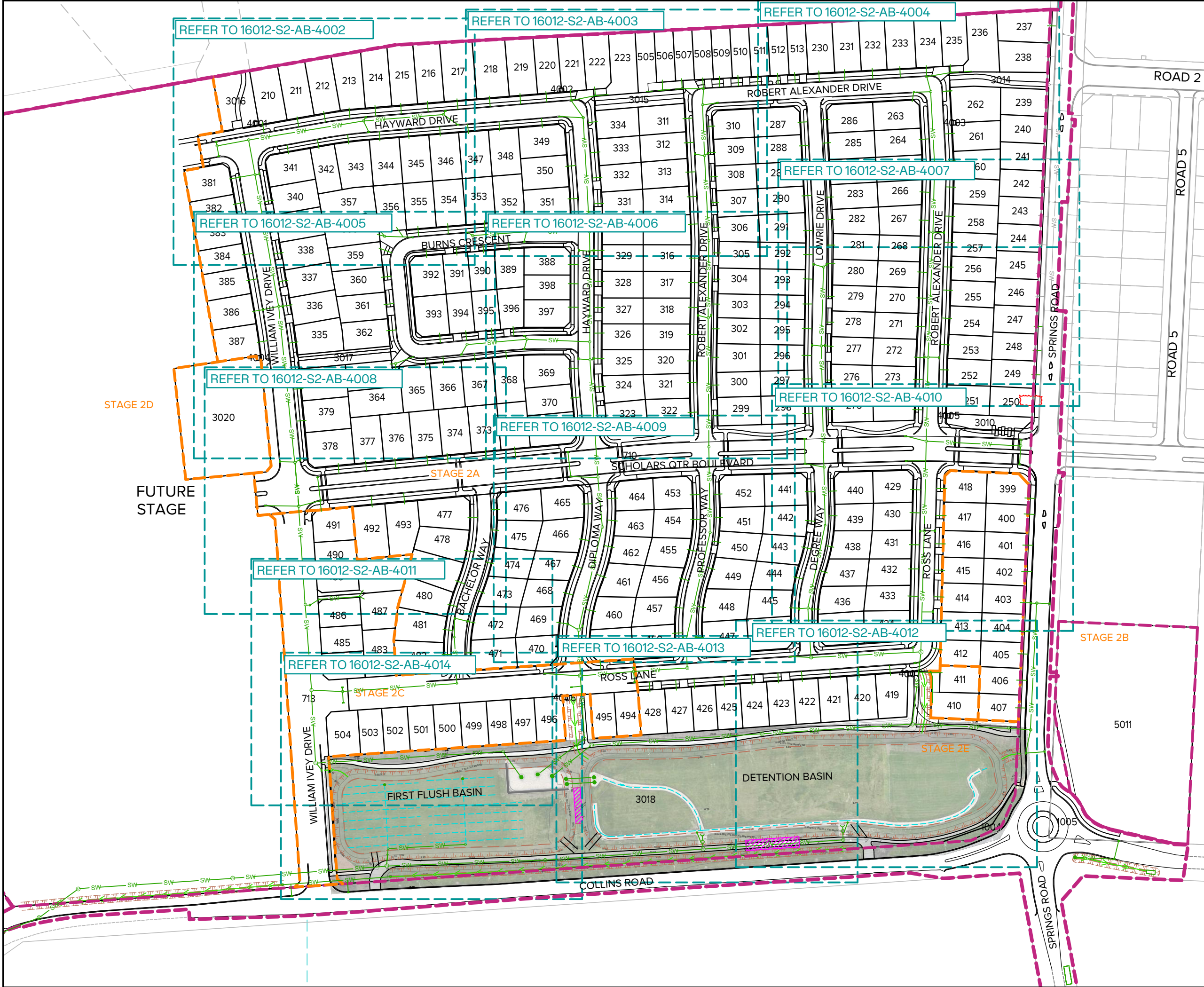
SURVEYED	RD (TOTAL SURVEY)	02.02.26
DESIGNED	DR	01.01.26
DRAWN	ARA	30.04.26
CHECKED	MHS	03/07/2026
APPROVED	DR	

SCALE	1:2000 @A1	1:4000 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4000		

0 40 100 200 SCALE (m) 1:2000 @A1 1:4000 @A3

Plot Date: 7:34:15 am, 4 August 2026, MICHAEL SHEARER

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG



CLIENT:



EARLSBROOK
LINCOLN



- NOTES
1.

AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
2.

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4.

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5.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
6.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
7.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
8.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

— SW — SW

STORMWATER MAIN

— — — — —

STORMWATER LATERAL

⊙

MANHOLE

⊕

SCRUFFY DOME MANHOLE

■

SINGLE/DOUBLE SUMP

— SW — SW

EX. STORMWATER PIPE

— — — — —

EX. STORMWATER LATERAL

⬮

ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AB-BUILT STORMWATER
OVERVIEW PLAN
SHEET 2 of 2

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:1000 @A1	1:2000 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4001		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG

Synergy Version:

Plot Date: 7:34:22 am, 4 August 2026, MICHAEL SHEARER





NOTES

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- ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

- SW SW STORMWATER MAIN
- SW SW STORMWATER LATERAL
- MANHOLE
- SCRUFFY DOME MANHOLE
- SINGLE/DOUBLE SUMP
- EX. STORMWATER PIPE
- EX. STORMWATER LATERAL
- ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2

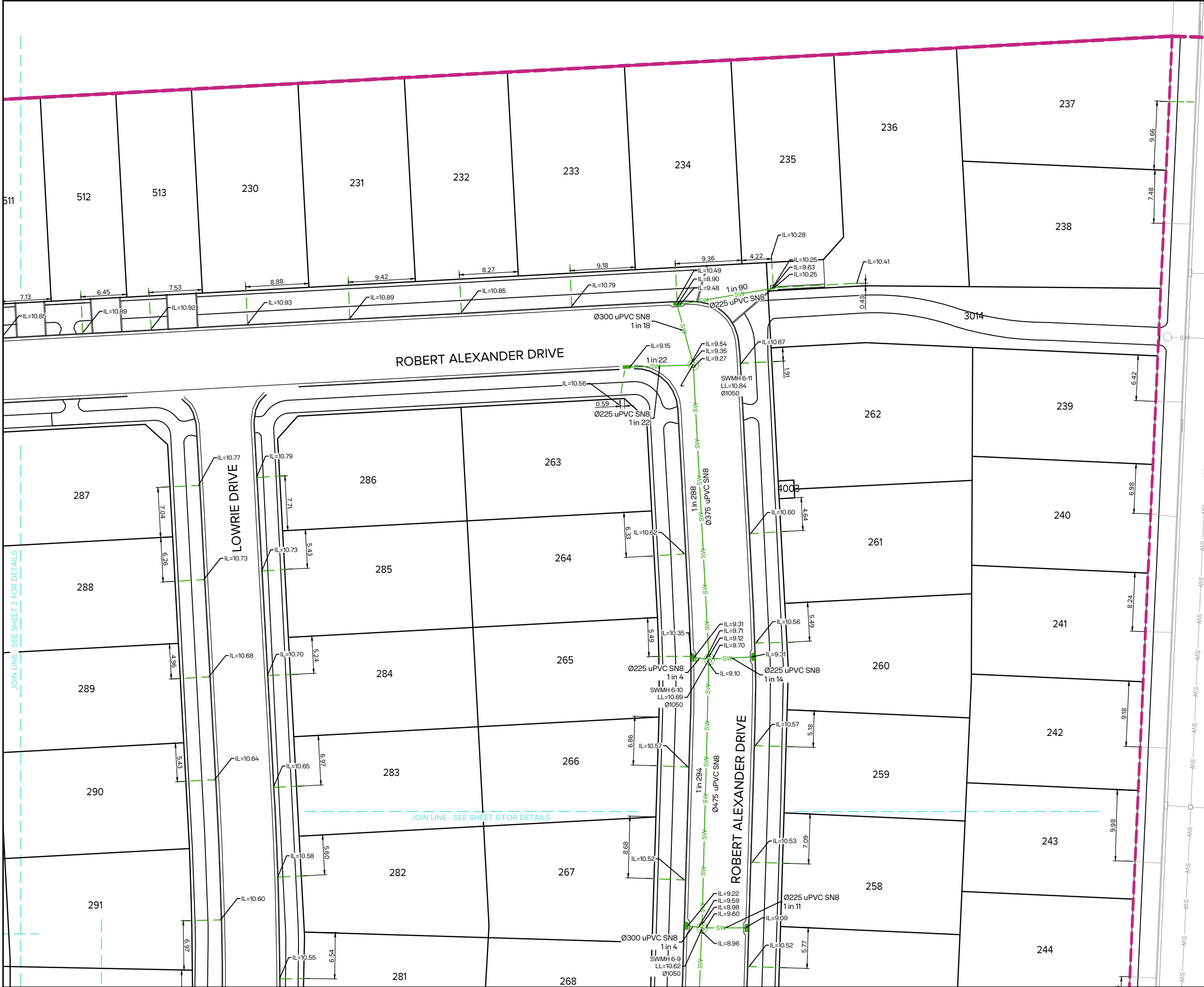
DESCRIPTION: AB-BUILT STORMWATER LAYOUT PLAN SHEET 1 of 13

SURVEYED	RD (TOTAL SURVEY)	02.02.26
DESIGNED	DR	01.01.26
DRAWN	ARA	30.04.26
CHECKED	MHS	03/07/2026
APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4002		

Plot Date: 7:34:29 am, 4 August 2026, MICHAEL SHEARER

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG



CLIENT:




- NOTES
1.

AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
2.

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5.

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6.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
7.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
8.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

 SW

STORMWATER MAIN



STORMWATER LATERAL

 S

MANHOLE



SCRUFFY DOME MANHOLE



SINGLE/DOUBLE SUMP

 SW

EX. STORMWATER PIPE



EX. STORMWATER LATERAL



ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AB-BUILT STORMWATER
LAYOUT PLAN
SHEET 3 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4004		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG

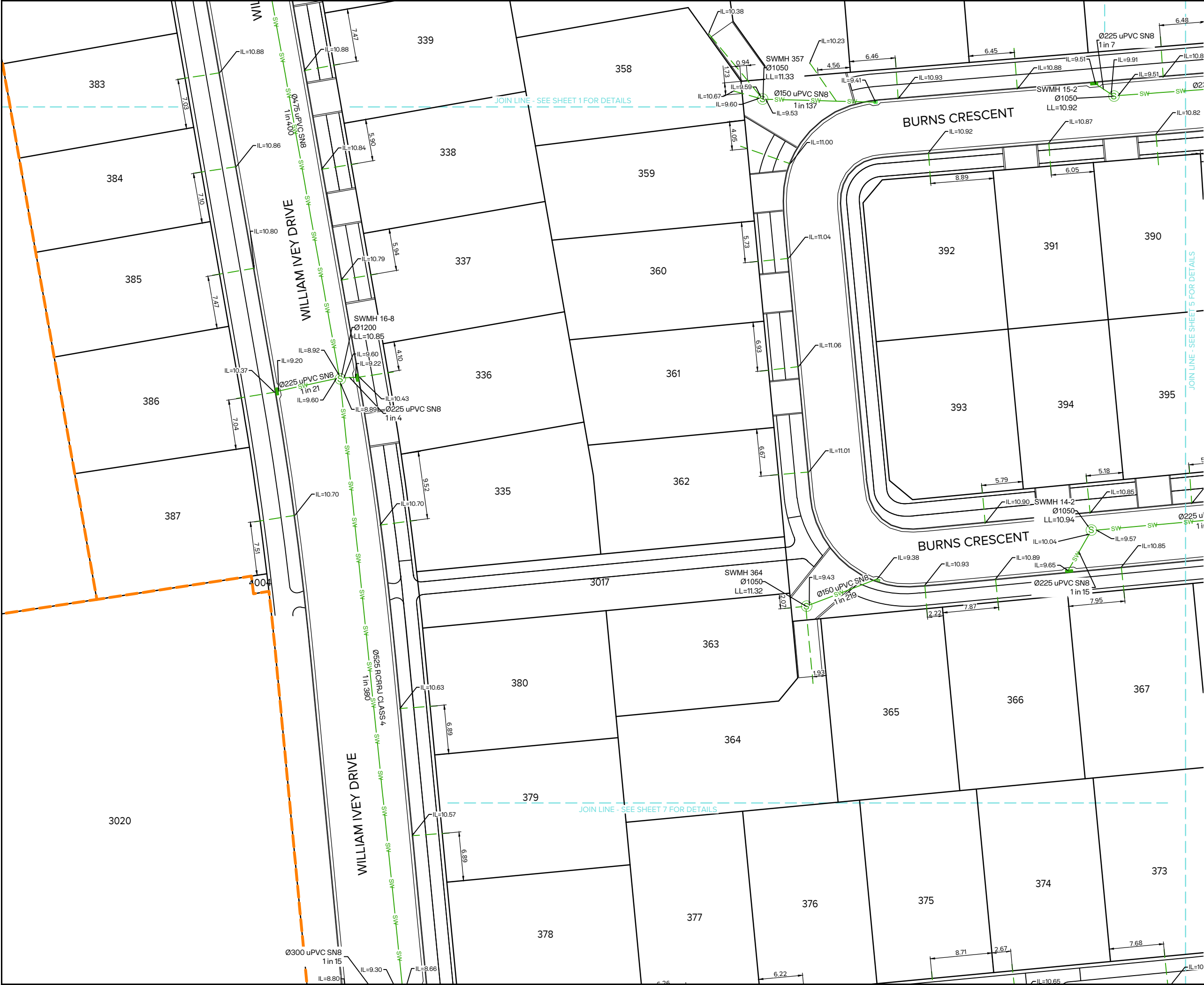
JOIN LINE - SEE SHEET 2 FOR DETAILS

JOIN LINE - SEE SHEET 6 FOR DETAILS

0 5 12.5 25 SCALE (m) 1:250 @A1 1:500 @A3

Synergy Version:

Plot Date: 7:34:42 am, 4 August 2026, MICHAEL SHEARER



CLIENT:




- NOTES
- AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
 - AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING AND TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
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 - PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENSE 4.0
 - ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
 - HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
 - VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

- SW SW STORMWATER MAIN
- SW SW STORMWATER LATERAL
- S MANHOLE
- SCRUFFY DOME MANHOLE
- SINGLE/DOUBLE SUMP
- SW SW EX. STORMWATER PIPE
- SW SW EX. STORMWATER LATERAL
- ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

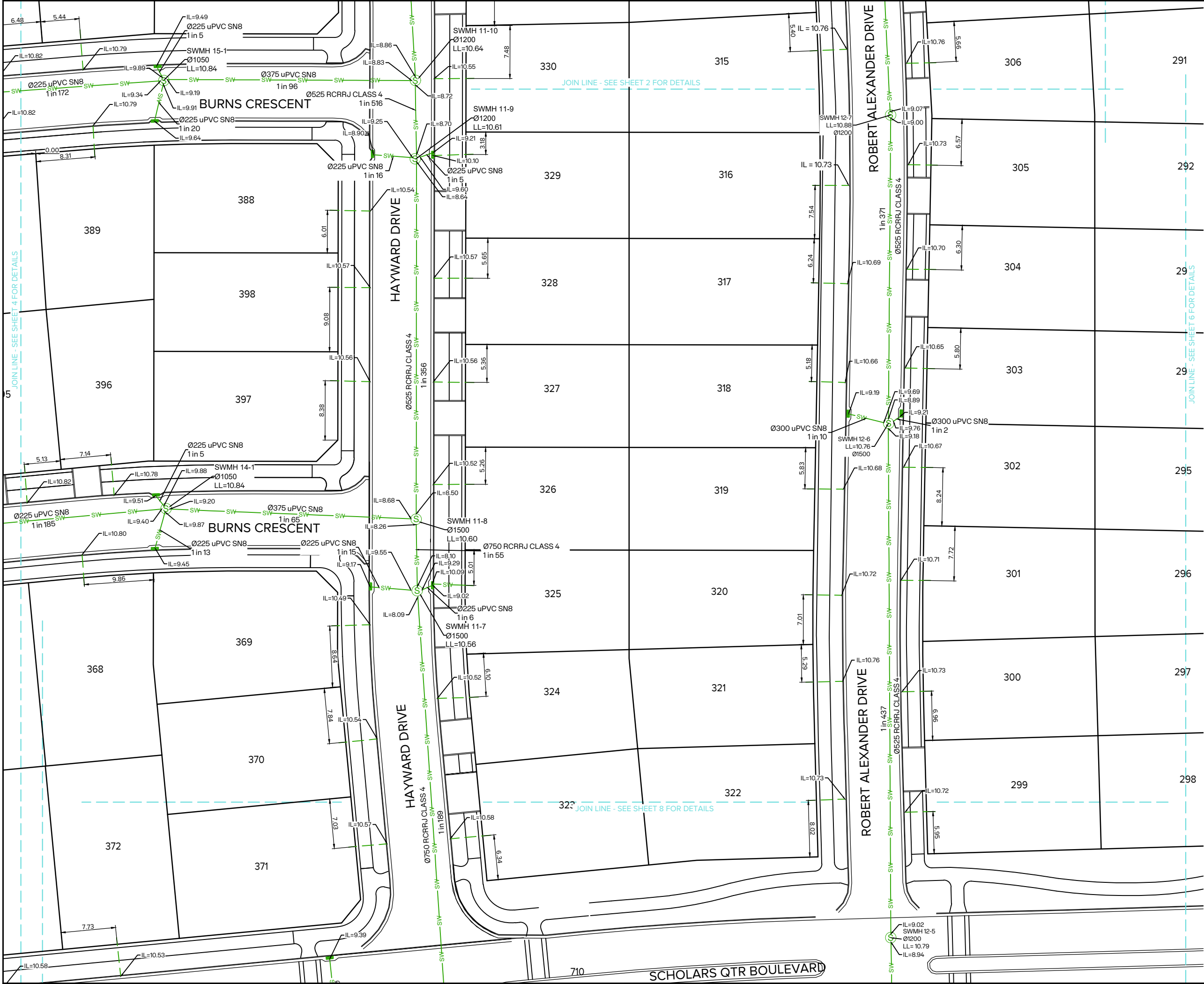
AB-BUILT STORMWATER
LAYOUT PLAN
SHEET 4 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4005		

0 5 12.5 25 SCALE (m) 1:250 @A1 1:500 @A3

File: O:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG

Plot Date: 7:34:50 am, 4 August 2026, MICHAEL SHEARER Synergy Version:





NOTES

- AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
- AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING AND TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
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- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

- SW SW STORMWATER MAIN
- STORMWATER LATERAL
- ⊙ MANHOLE
- ⊙ SCRUFFY DOME MANHOLE
- SINGLE/DOUBLE SUMP
- SW EX. STORMWATER PIPE
- EX. STORMWATER LATERAL
- ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

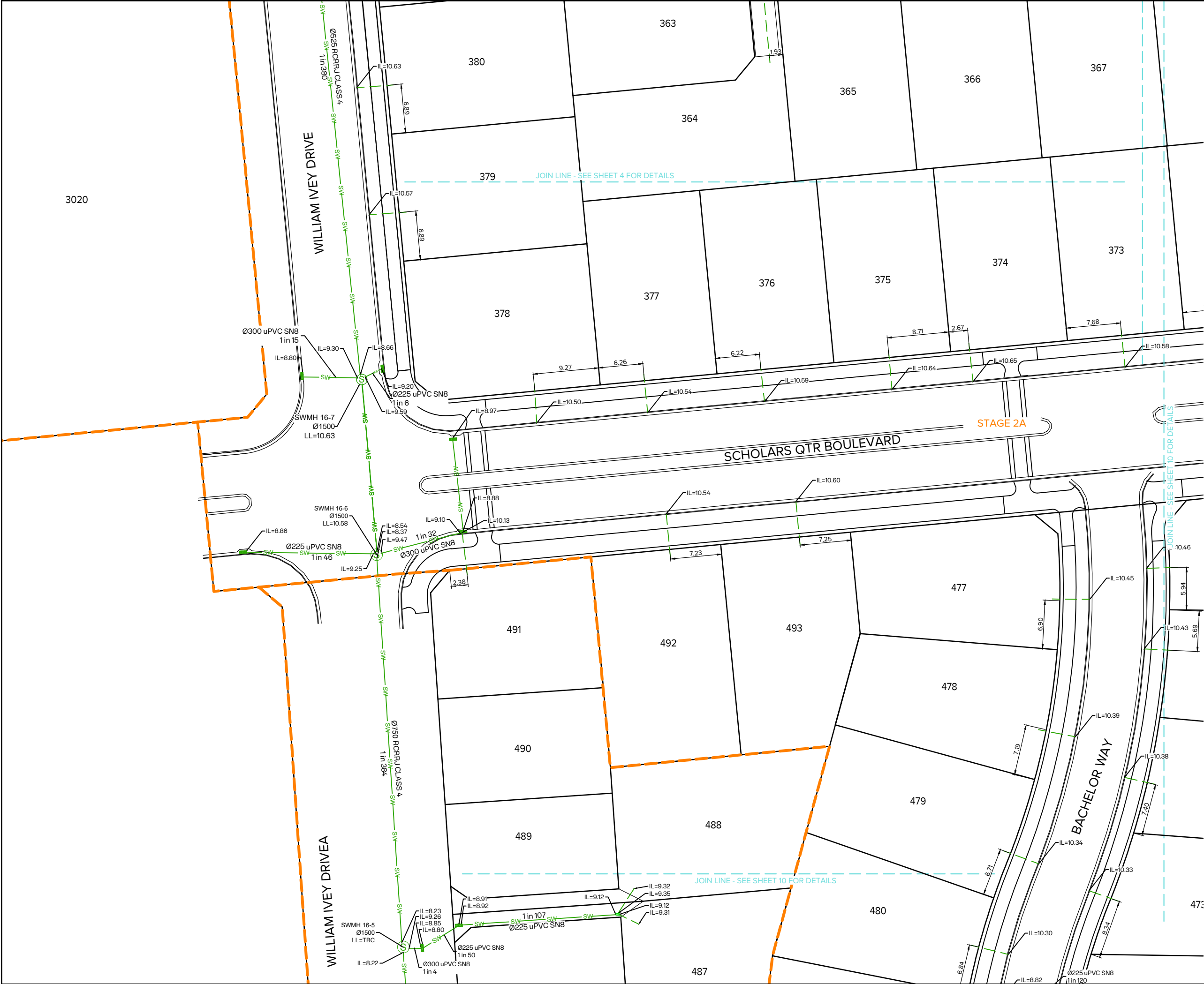
AB-BUILT STORMWATER
LAYOUT PLAN
SHEET 5 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4006		

Plot Date: 7:34:59 am 4 August 2026, MICHAEL SHEARER

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG



CLIENT:



EARLSBROOK
LINCOLN



- NOTES
1.

AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
2.

AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING AND TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
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4.

PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENSE 4.0
5.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
6.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
7.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
8.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

SW

STORMWATER MAIN

STORMWATER LATERAL

MANHOLE

SCRUFFY DOME MANHOLE

SINGLE/DOUBLE SUMP

EX. STORMWATER PIPE

EX. STORMWATER LATERAL

ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AB-BUILT STORMWATER
LAYOUT PLAN
SHEET 7 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4008		



File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG

Synergy Version:

Plot Date: 7:35:14 am, 4 August 2026, MICHAEL SHEARER



NOTES

1. AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.

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4. PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENSE 4.0

5. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.

6. ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE

7. HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]

8. VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

SW

SW

STORMWATER MAIN

STORMWATER LATERAL

MANHOLE

SCRUFFY DOME MANHOLE

SINGLE/DOUBLE SUMP

SW

SW

EX. STORMWATER PIPE

EX. STORMWATER LATERAL

ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

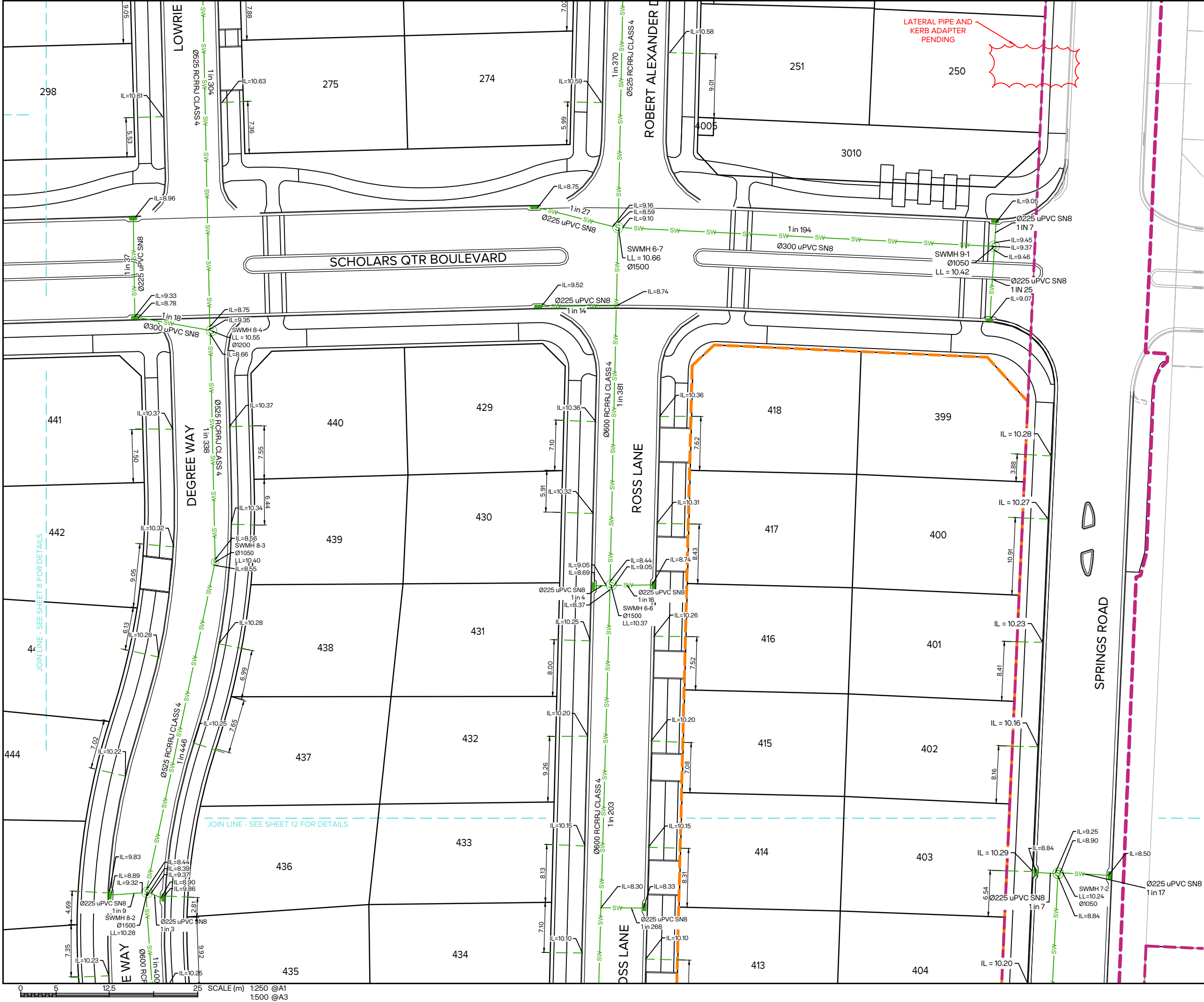
AB-BUILT STORMWATER
LAYOUT PLAN
SHEET 8 of 13

SURVEYED	RD (TOTAL SURVEY)	02.02.26
DESIGNED	DR	01.01.26
DRAWN	ARA	30.04.26
CHECKED	MHS	03/07/2026
APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4009		

Plot Date: 7:35:21 am, 4 August 2026, MICHAEL SHEARER

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG



NOTES

1.

AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.

2.

AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING AND TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.

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4.

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5.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.

6.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE

7.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]

8.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

SW

SW

STORMWATER MAIN

STORMWATER LATERAL

MANHOLE

SCRUFFY DOME MANHOLE

SINGLE/DOUBLE SUMP

SW

SW

EX. STORMWATER PIPE

EX. STORMWATER LATERAL

ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE
PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2			
DESCRIPTION: AB-BUILT STORMWATER LAYOUT PLAN SHEET 9 of 13			
	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4010		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG

Plot Date: 7:35:30 am, 4 August 2026, MICHAEL SHEARER

Synergy Version:



CLIENT:

NOTES

- AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
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- ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

- SW SW STORMWATER MAIN
- SW SW STORMWATER LATERAL
- MANHOLE
- SCRUFFY DOME MANHOLE
- SINGLE/DOUBLE SUMP
- SW SW EX. STORMWATER PIPE
- SW SW EX. STORMWATER LATERAL
- ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

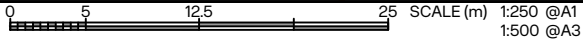
EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

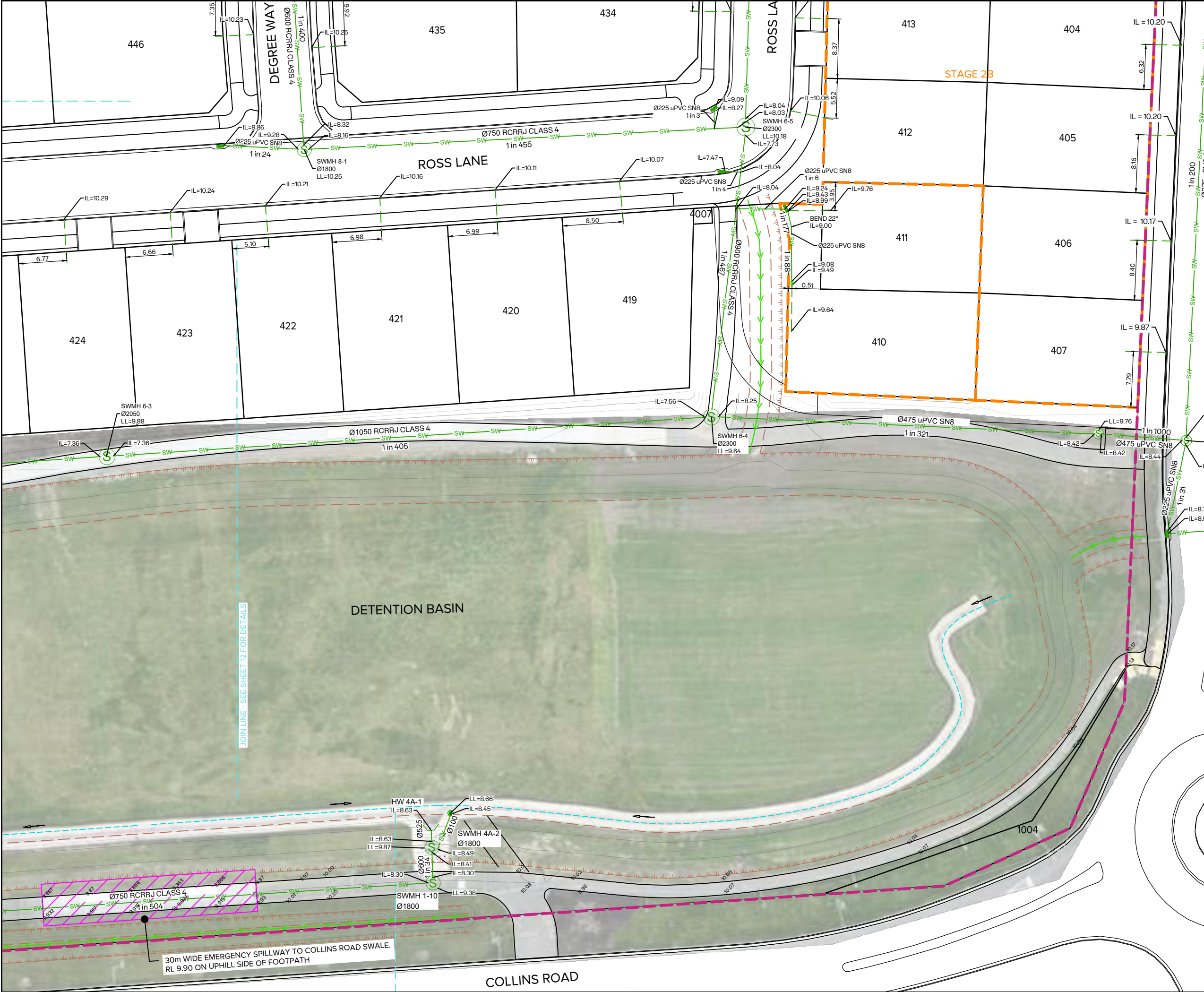
DESCRIPTION:

AB-BUILT STORMWATER
LAYOUT PLAN
SHEET 10 of 13

SURVEYED	RD (TOTAL SURVEY)	02.02.26
DESIGNED	DR	01.01.26
DRAWN	ARA	30.04.26
CHECKED	MHS	03/07/2026
APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4011		





CLIENT:

- NOTES
- AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
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 - HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
 - VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

SW

SW

STORMWATER MAIN

STORMWATER LATERAL

S

S

MANHOLE

+

+

SCRUFFY DOME MANHOLE

■

■

SINGLE/DOUBLE SUMP

EX. STORMWATER PIPE

EX. STORMWATER LATERAL

▭

▭

ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK

RESIDENTIAL SUBDIVISION

STAGE 2

DESCRIPTION:

AB-BUILT STORMWATER

LAYOUT PLAN

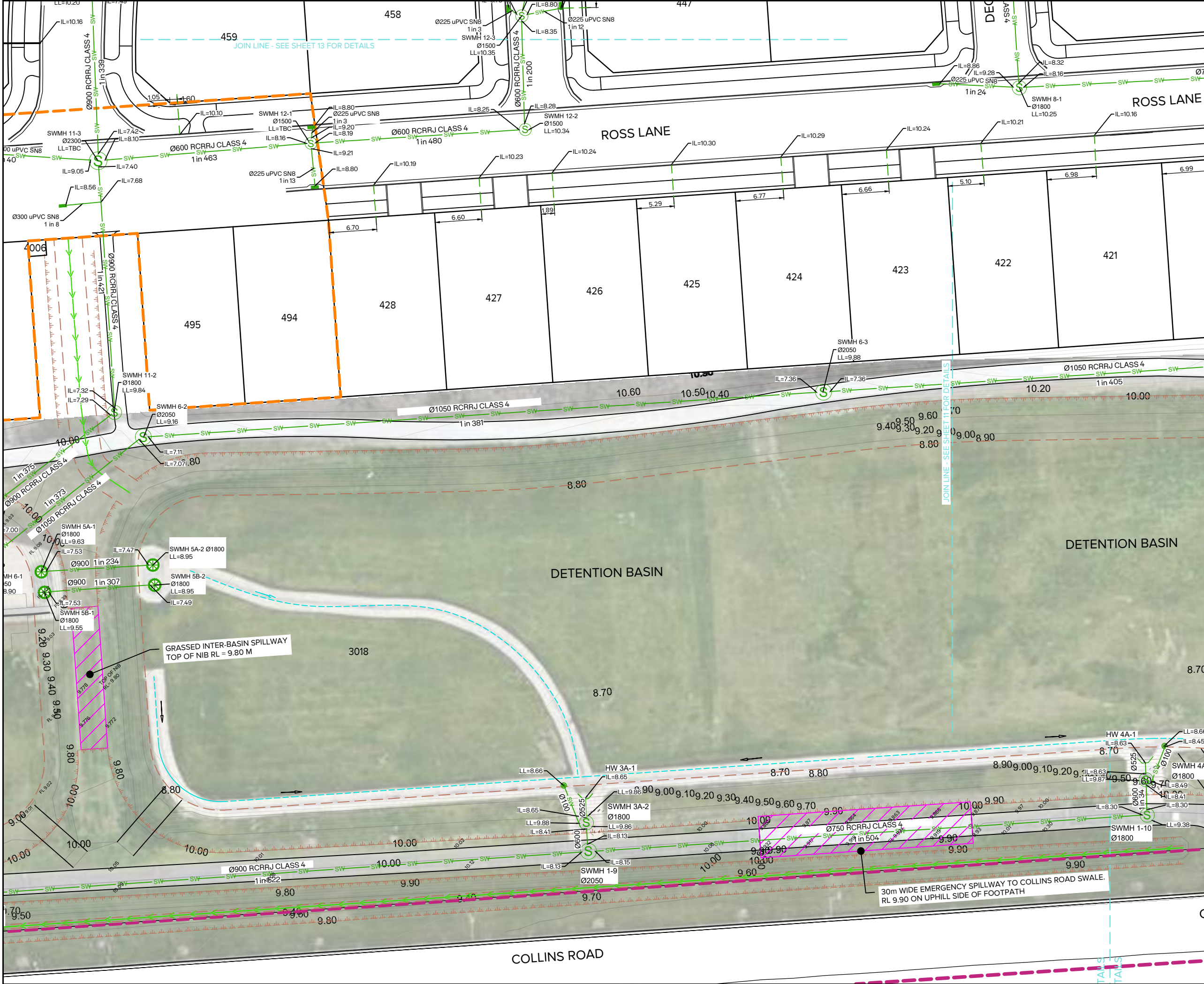
SHEET 11 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4012		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG

Synergy Version:

Plot Date: 7:35:48 am, 4 August 2026, MICHAEL SHEARER



CLIENT:


EARLSBROOK
LINCOLN



- NOTES
1.

AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
2.

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5.

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6.

ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
7.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
8.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

— SW — SW —

STORMWATER MAIN

- - - - -

STORMWATER LATERAL

⊙

MANHOLE

⊙

SCRUFFY DOME MANHOLE

■

SINGLE/DOUBLE SUMP

— SW — SW —

EX. STORMWATER PIPE

- - - - -

EX. STORMWATER LATERAL

⬮

ASBUILT PENDING

2	WHOLE SITE AS-BUILT EX. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

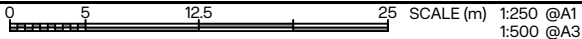
DESCRIPTION:

AB-BUILT STORMWATER
LAYOUT PLAN
SHEET 12 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4013		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG

Plot Date: 7:35:58 am, 4 August 2026, MICHAEL SHEARER Synergy Version:



2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

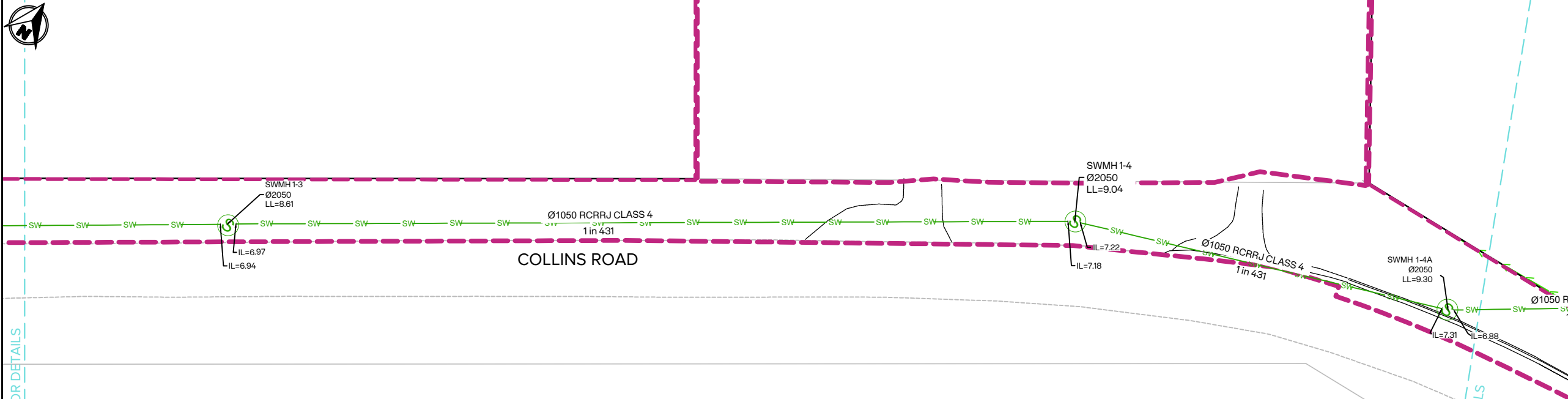
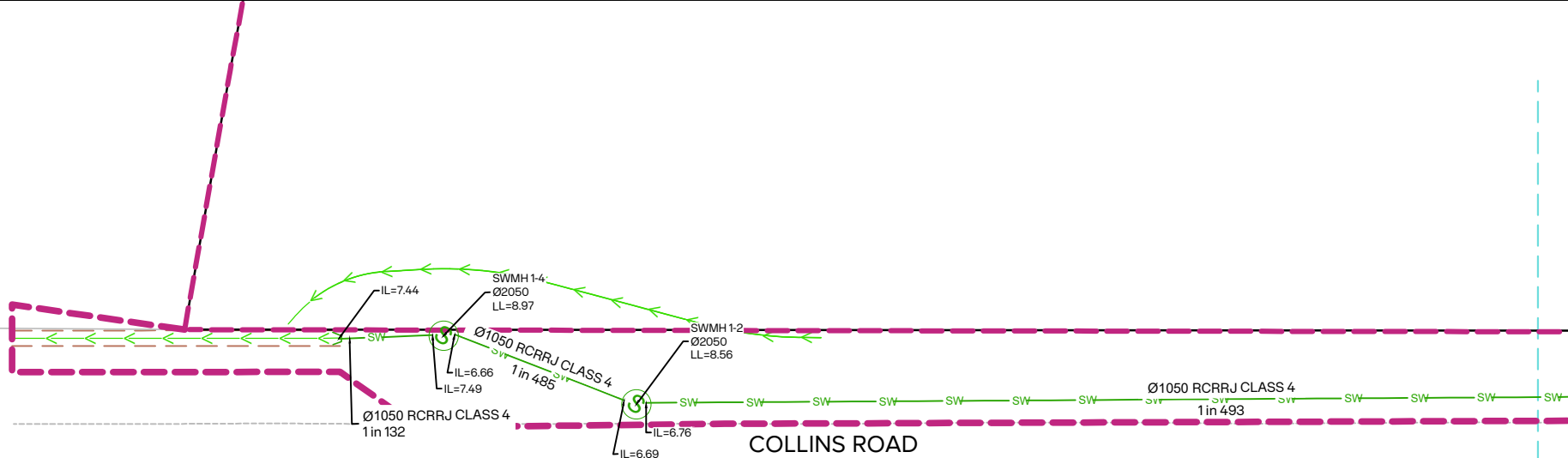
DESCRIPTION:

AB-BUILT STORMWATER
LAYOUT PLAN
SHEET 13 of 13

File: O:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG



JOINLINE - SEE SHEET 1A FOR DETAILS



JOINLINE - SEE SHEET 2A FOR DETAILS

CLIENT:




- NOTES
- AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
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 - ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
 - HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
 - VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

	STORMWATER MAIN
	STORMWATER LATERAL
	MANHOLE
	SCRUFFY DOME MANHOLE
	SINGLE/DOUBLE SUMP
	EX. STORMWATER PIPE
	EX. STORMWATER LATERAL
	ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

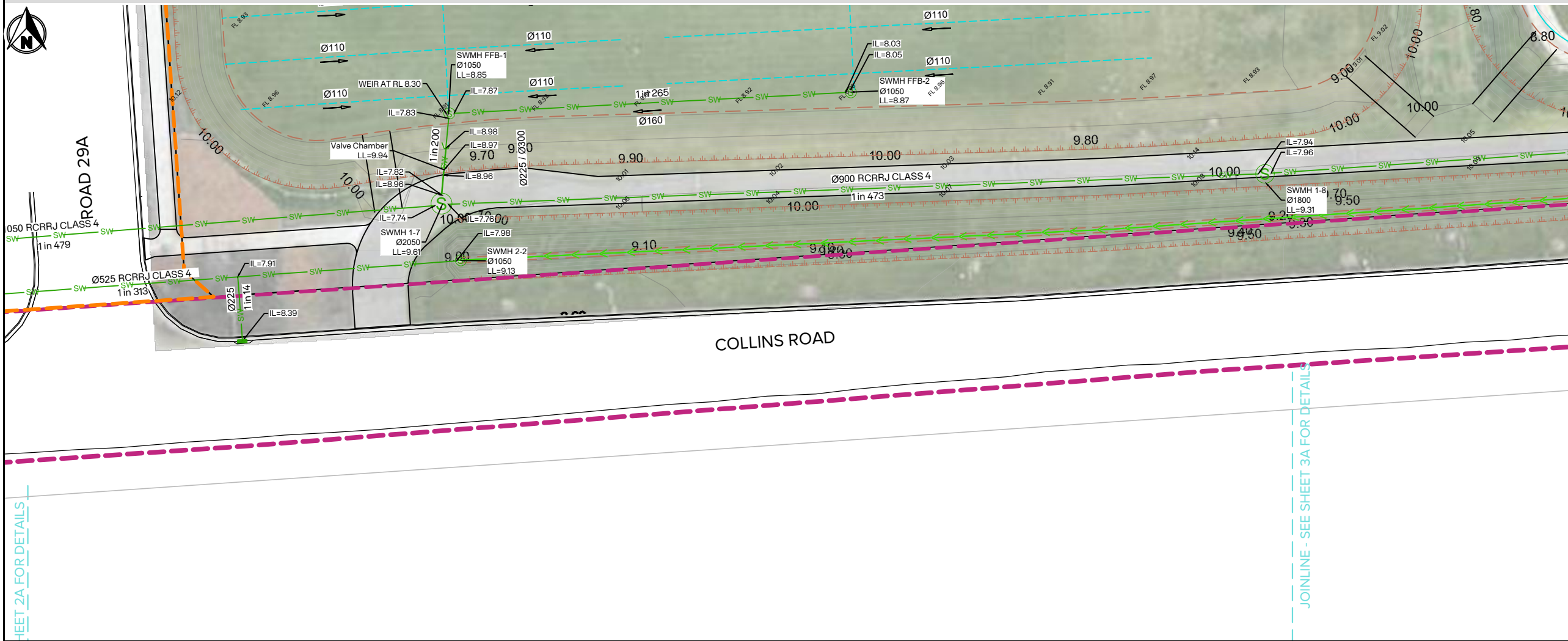
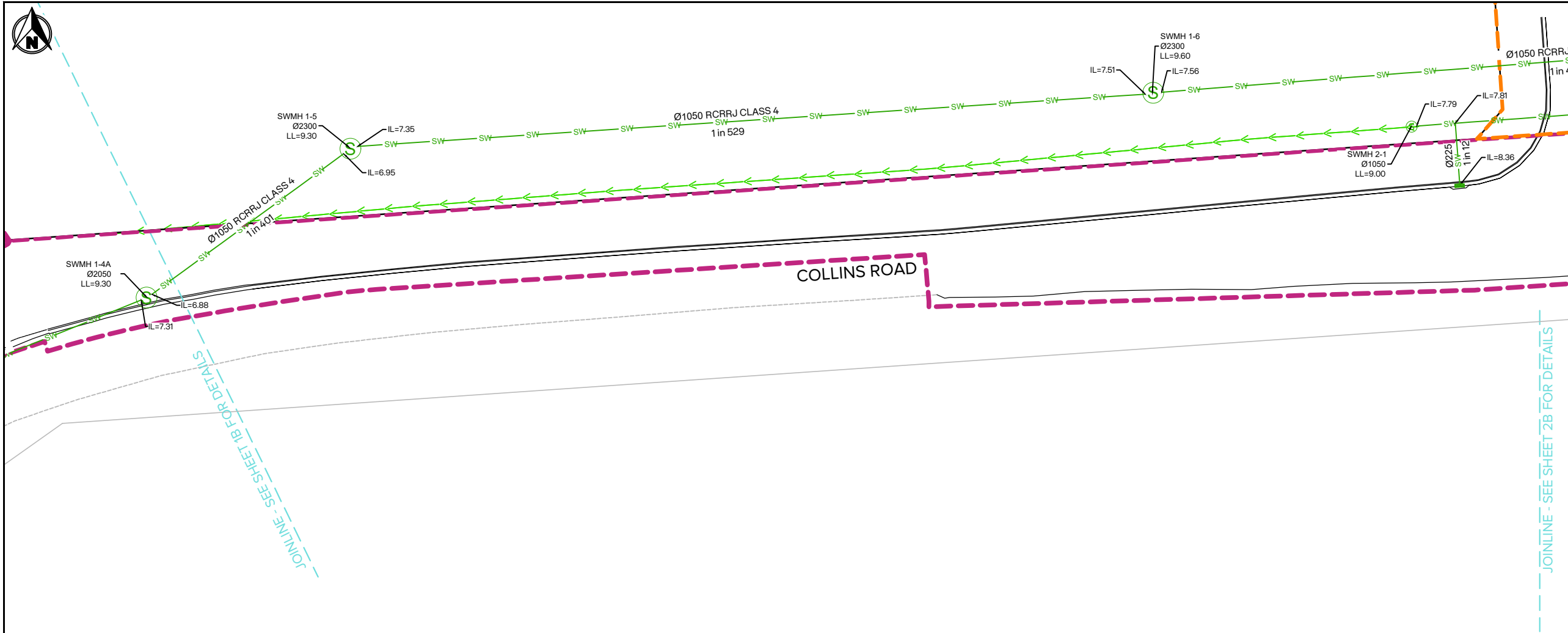
PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AB-BUILT STORMWATER
COLLINS ROAD LAYOUT PLAN
SHEET 1 of 3

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4020		





EARLSBROOK
LINCOLN



NOTES

- AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
- AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING AND TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD. NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
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- PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENSE 4.0
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- ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

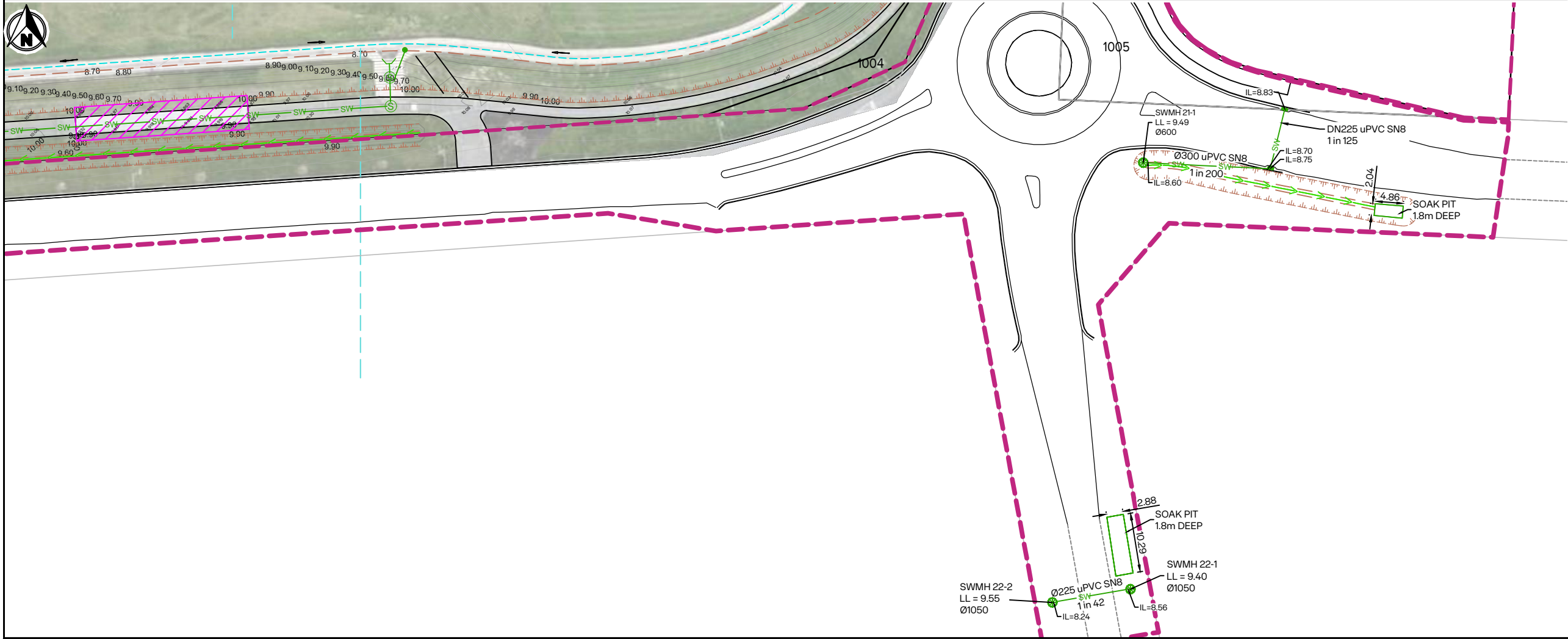
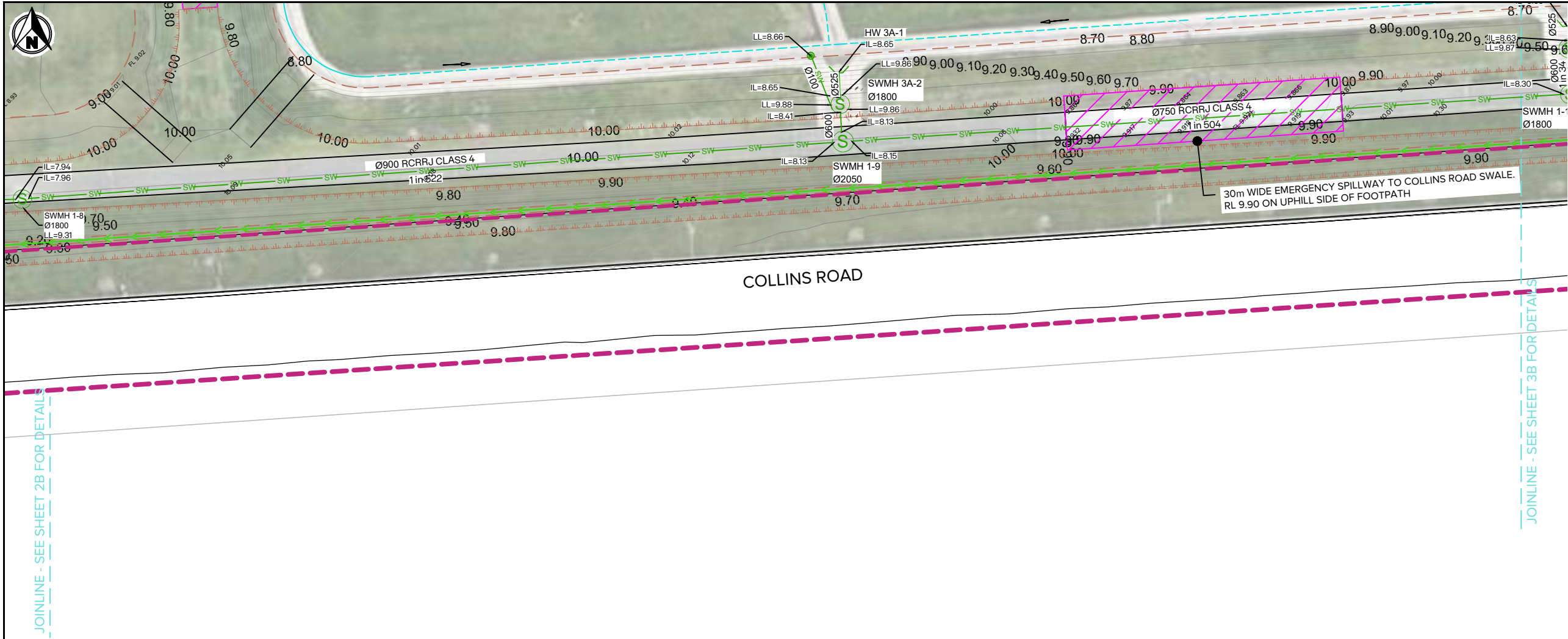
LEGEND

- SW SW STORMWATER MAIN
- STORMWATER LATERAL
- S MANHOLE
- SD SCRUFFY DOME MANHOLE
- SINGLE/DOUBLE SUMP
- SW — EX. STORMWATER PIPE
- EX. STORMWATER LATERAL
- ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE
PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2			
DESCRIPTION: AB-BUILT STORMWATER COLLINS ROAD LAYOUT PLAN SHEET 2 of 3			
	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4021		

Plot Date: 7:36:28 am, 4 August 2026, MICHAEL SHEARER

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-4000.DWG



CLIENT:

EARLSBROOK
LINCOLN

INO

- NOTES
- AS-BUILT STORMWATER INVERT LEVELS AND POSITIONS SURVEYED USING TOTAL STATION BY MAUGERS CONTRACTING LTD.
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 - ALL LOT LATERALS ARE DN100 UPVC SN16 UNLESS STATED OTHERWISE
 - HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
 - VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

- SW — SW — STORMWATER MAIN
- - - - - STORMWATER LATERAL
- ⊙ MANHOLE
- ⊙ SCRUFFY DOME MANHOLE
- SINGLE/DOUBLE SUMP
- SW — SW — EX. STORMWATER PIPE
- - - - - EX. STORMWATER LATERAL
- ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	AS-BUILT Q2 ADDED	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE
PROJECT:			
EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2			
DESCRIPTION:			
AB-BUILT STORMWATER COLLINS ROAD LAYOUT PLAN SHEET 3 of 3			
	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:400 @A1	1:800 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-4022		

0 8 20 40 SCALE (m) 1:400 @A1 1:800 @A3

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Plot Date: 7:36:35 am, 4 August 2026, MICHAEL SHEARER Synergy Version:



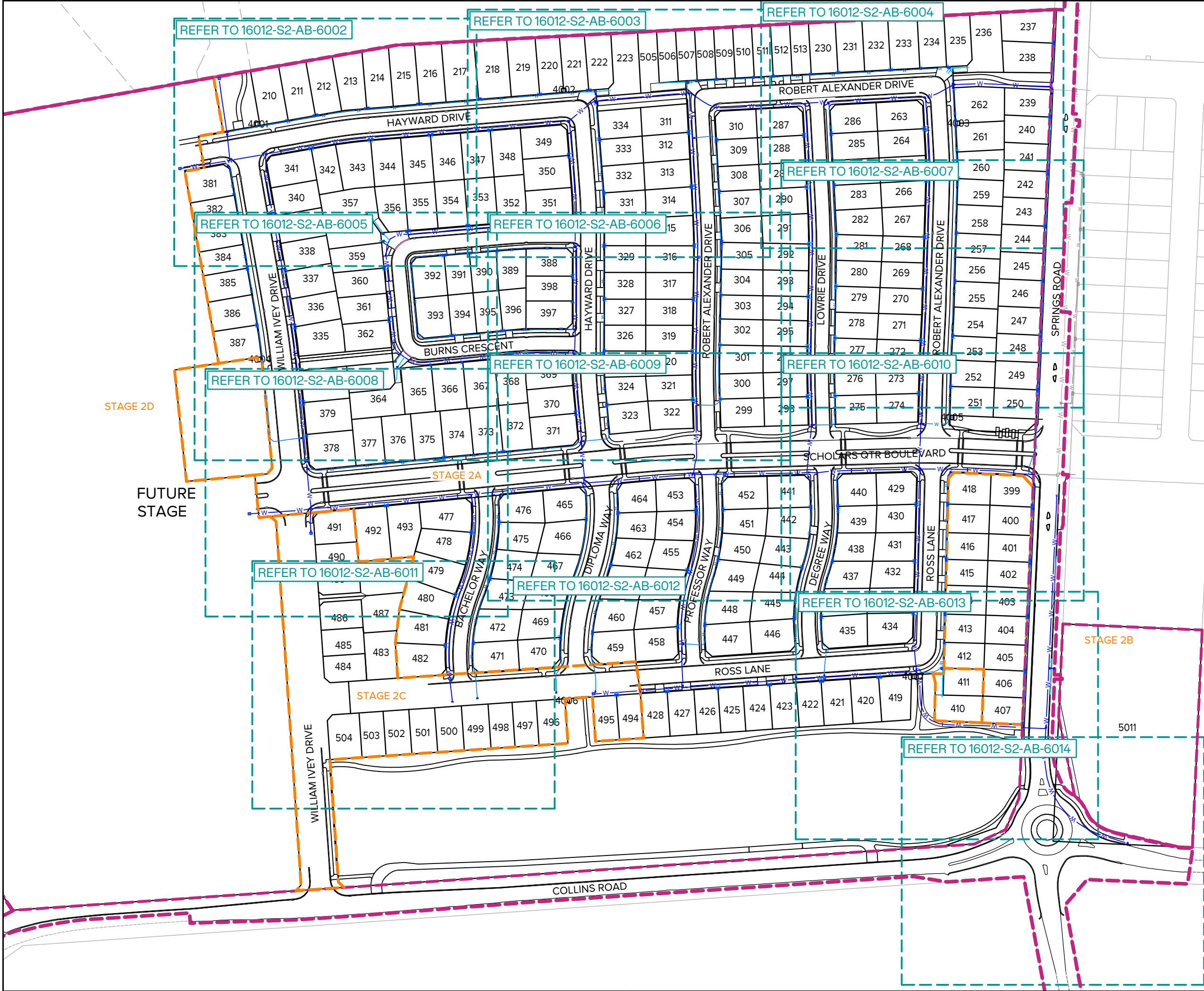
Inno

LEGEND

	WATER MAIN
	WATER SUBMAIN
	WATER LATERAL
	FIRE HYDRANT
	GATE VALVE
	SLUICE VALVE
	EX. WATER MAIN
	EX. WATER SUBMAIN
	EX. FIRE HYDRANT
	EX. WATER METER
	SLUICE VALVE
	ASBUILT PENDING

SCALE	1:2000 @A1	1:4000 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6000		

Plot Date: 3:24:52 pm,1 August 2026, MICHAEL SHEARER



- NOTES
1.

AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD.
2.

ALL BURIED SERVICES MUST BE POSITIVELY IDENTIFIED USING CABLE LOCATORS, GROUND PENETRATING RADAR EQUIPMENT OR POT-HOLING BY HYDRO-EXCAVATION BEFORE ANY HAND OR MECHANICAL EXCAVATIONS ARE UNDERTAKEN. THESE PLANS SHOULD NOT BE RELIED ON FOR LOCATION OF SERVICES OR SERVICE TYPE.
3.

NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
4.

DN REFERS TO NOMINAL INTERNAL PIPE DIAMETER (e.g., DN150mm). OD REFERS TO OUTSIDE DIAMETER FOR HDPE PIPE.
5.

PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENCE 4.0.
6.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
7.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
8.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

	WATER MAIN
	WATER SUBMAIN
	WATER LATERAL
	FIRE HYDRANT
	GATE VALVE
	SLUICE VALVE
	EX. WATER MAIN
	EX. WATER SUBMAIN
	EX. FIRE HYDRANT
	EX. WATER METER
	SLUICE VALVE
	ASBUILT PENDING

NO	REVISION DETAILS	BY	DATE
2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		

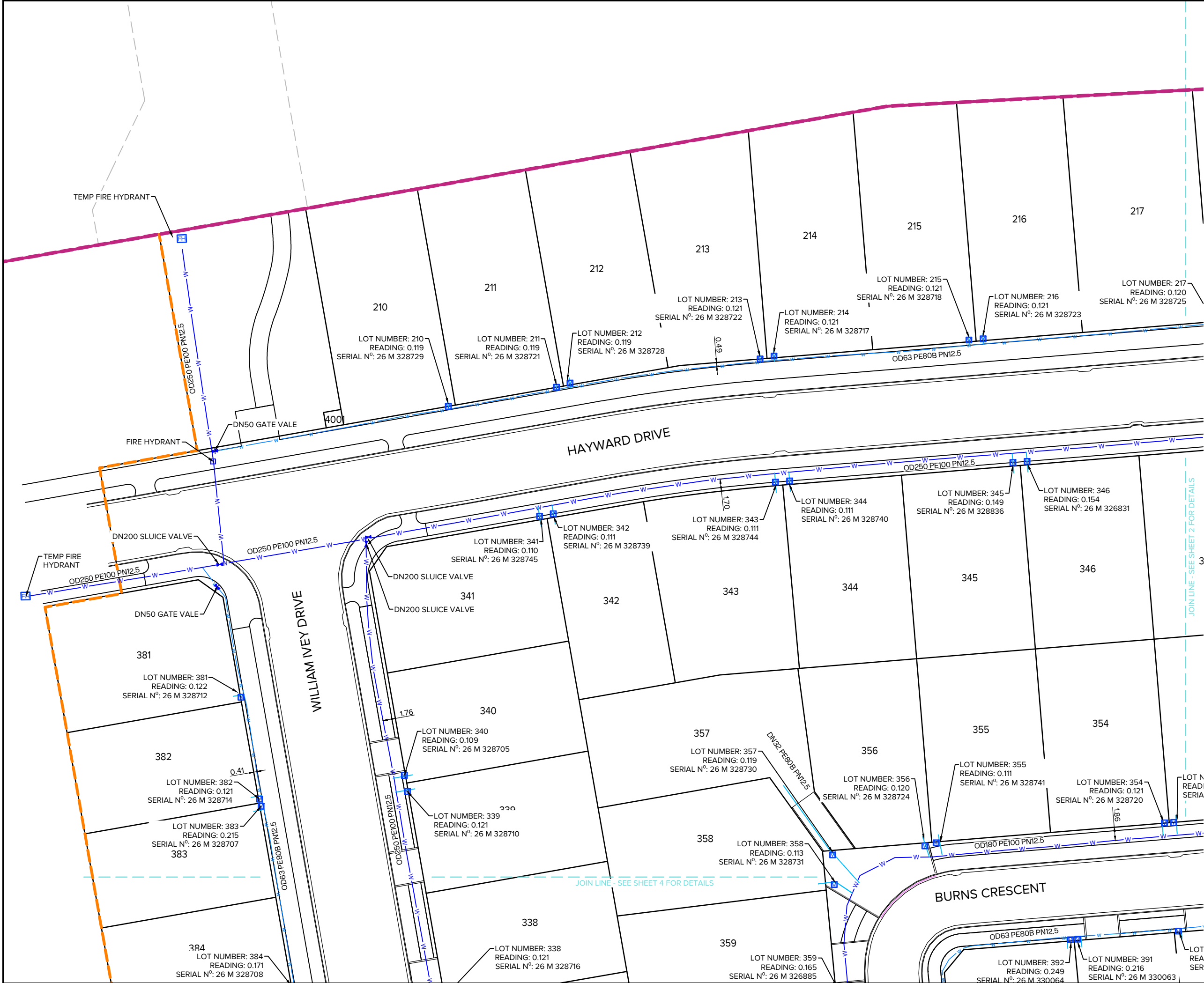
PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AS-BUILT WATER SUPPLY
OVERVIEW PLAN
SHEET 2 of 2

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:1000 @A1	1:2000 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6001		





NOTES

- AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD.
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- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

	WATER MAIN
	WATER SUBMAIN
	WATER LATERAL
	FIRE HYDRANT
	GATE VALVE
	SLUICE VALVE
	EX. WATER MAIN
	EX. WATER SUBMAIN
	EX. FIRE HYDRANT
	EX. WATER METER
	SLUICE VALVE
	ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		

REVISION DETAILS	BY	DATE

PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2

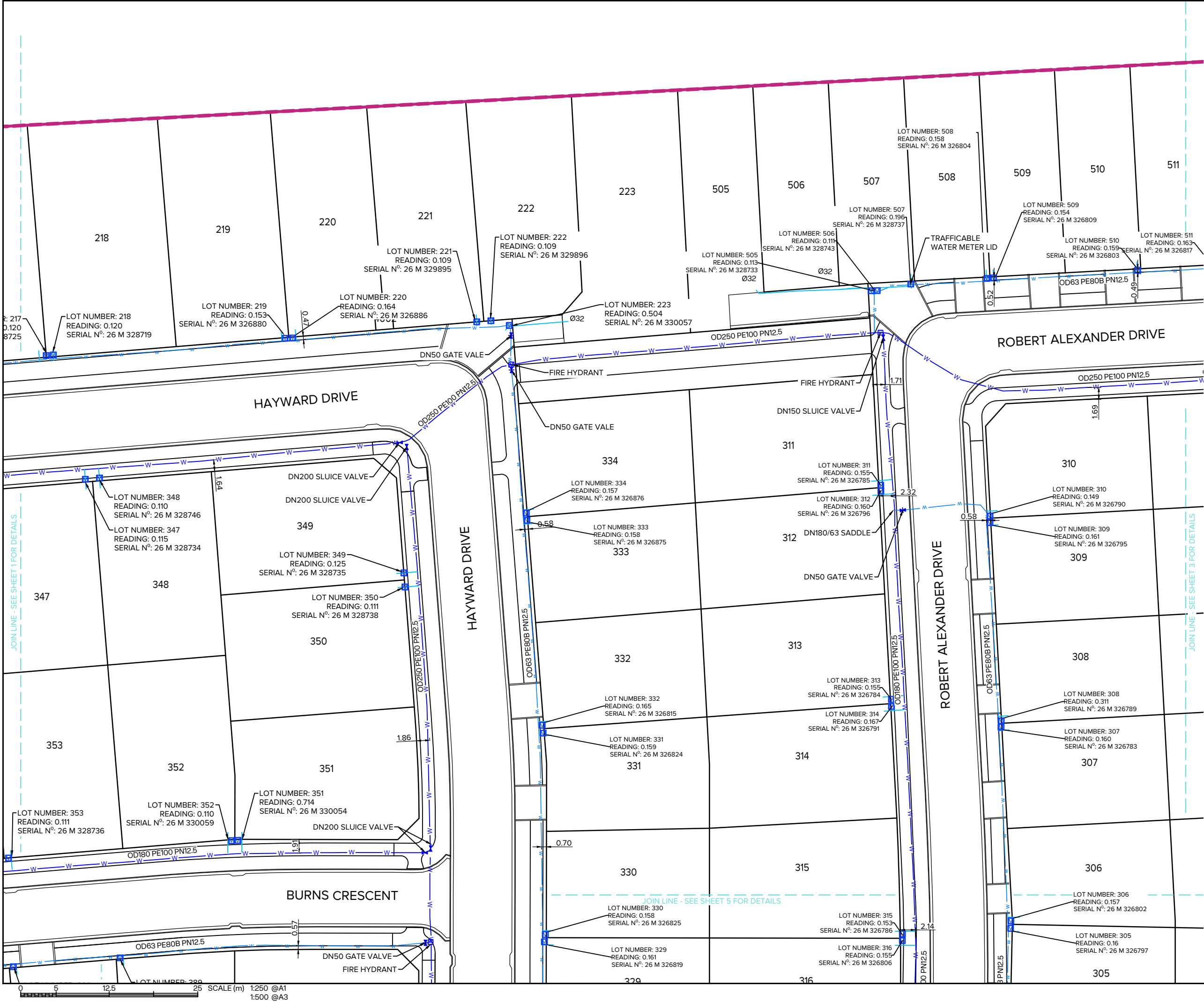
DESCRIPTION: AS-BUILT WATER SUPPLY LAYOUT PLAN SHEET 1 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6002		

Plot Date: 3:25:03 pm; 1 August 2026; MICHAEL SHEARER

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-6000.DWG



CLIENT:




- NOTES
1.

AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD.
2.

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5.

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6.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
7.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
8.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

WATER MAIN

WATER SUBMAIN

WATER LATERAL

FIRE HYDRANT

GATE VALVE

SLUICE VALVE

EX. WATER MAIN

EX. WATER SUBMAIN

EX. FIRE HYDRANT

EX. WATER METER

SLUICE VALVE

ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

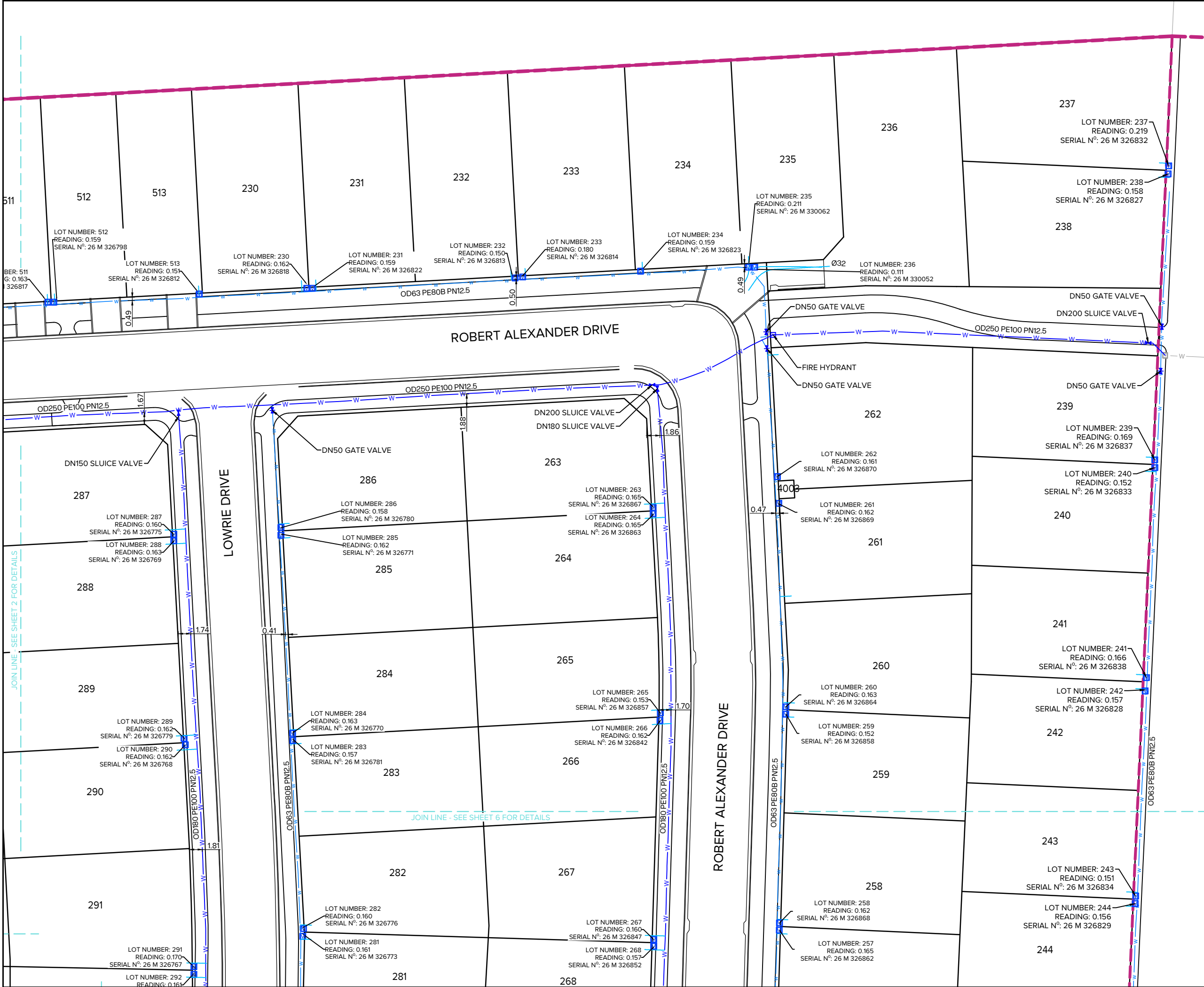
AS-BUILT WATER SUPPLY
LAYOUT PLAN
SHEET 2 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6003		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-6000.DWG

Synergy Version:

Plot Date: 3:25:08 pm; 1 August 2026; MICHAEL SHEARER



CLIENT:




- NOTES
1.

AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD.
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5.

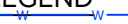
PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENCE 4.0.
6.

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7.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
8.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND



WATER MAIN



WATER SUBMAIN



WATER LATERAL



FIRE HYDRANT



GATE VALVE



SLUICE VALVE



EX. WATER MAIN



EX. WATER SUBMAIN



EX. FIRE HYDRANT



EX. WATER METER



SLUICE VALVE



ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AS-BUILT WATER SUPPLY
LAYOUT PLAN
SHEET 3 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6004		

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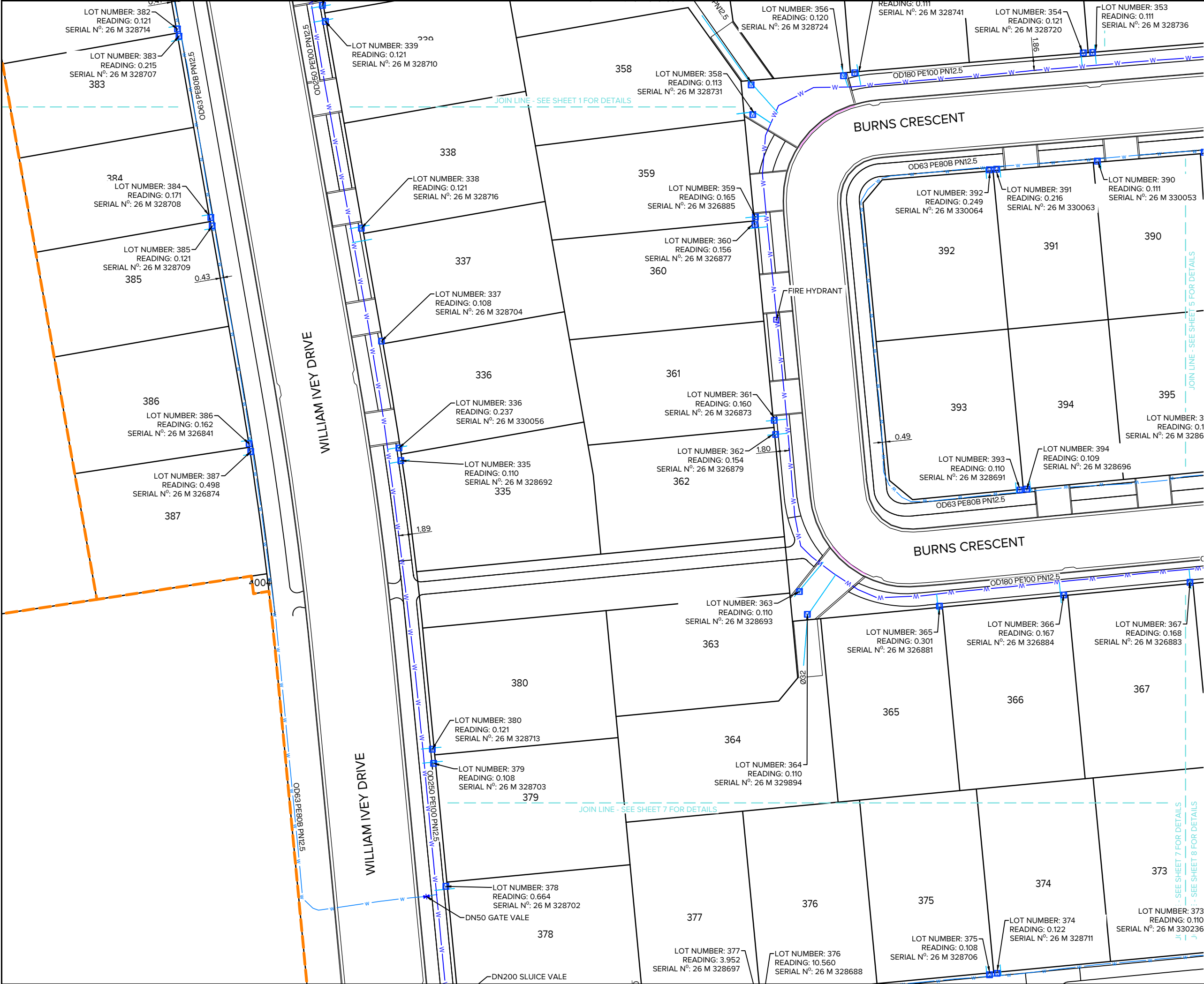
JOIN LINE - SEE SHEET 2 FOR DETAILS

JOIN LINE - SEE SHEET 6 FOR DETAILS



Synergy Version:

Plot Date: 3:25:14 pm 1 August 2026, MICHAEL SHEARER





NOTES

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- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

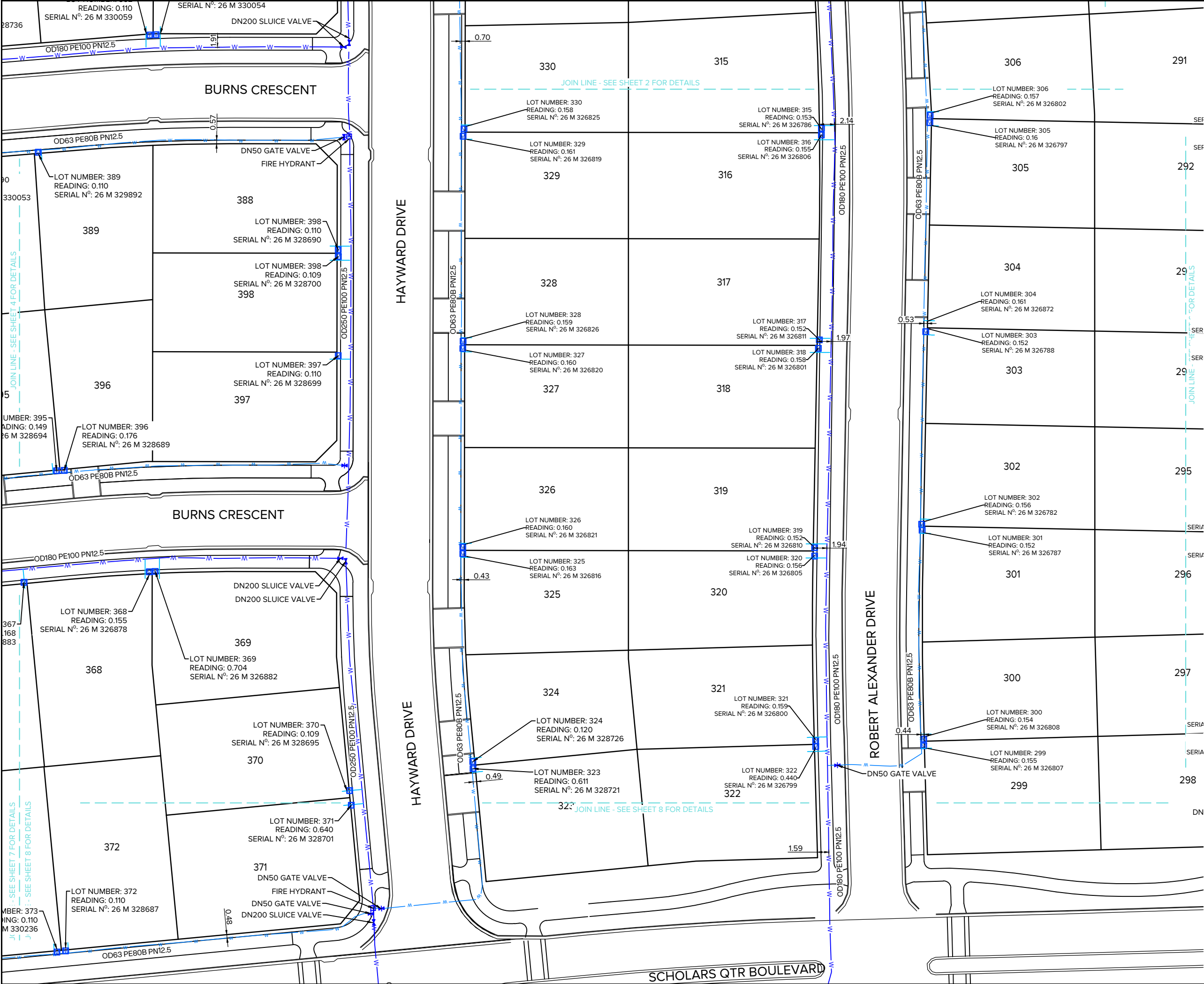
	WATER MAIN
	WATER SUBMAIN
	WATER LATERAL
	FIRE HYDRANT
	GATE VALVE
	SLUICE VALVE
	EX. WATER MAIN
	EX. WATER SUBMAIN
	EX. FIRE HYDRANT
	EX. WATER METER
	SLUICE VALVE
	ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		

REVISION DETAILS	BY	DATE	
PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2			
DESCRIPTION: AS-BUILT WATER SUPPLY LAYOUT PLAN SHEET 4 of 13			
	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6005		

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Plot Date: 3:25:19 pm 1 August 2026, MICHAEL SHEARER Synergy Version:

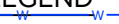




NOTES

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- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

	WATER MAIN
	WATER SUBMAIN
	WATER LATERAL
	FIRE HYDRANT
	GATE VALVE
	SLUIICE VALVE
	EX. WATER MAIN
	EX. WATER SUBMAIN
	EX. FIRE HYDRANT
	EX. WATER METER
	SLUIICE VALVE
	ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex.2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

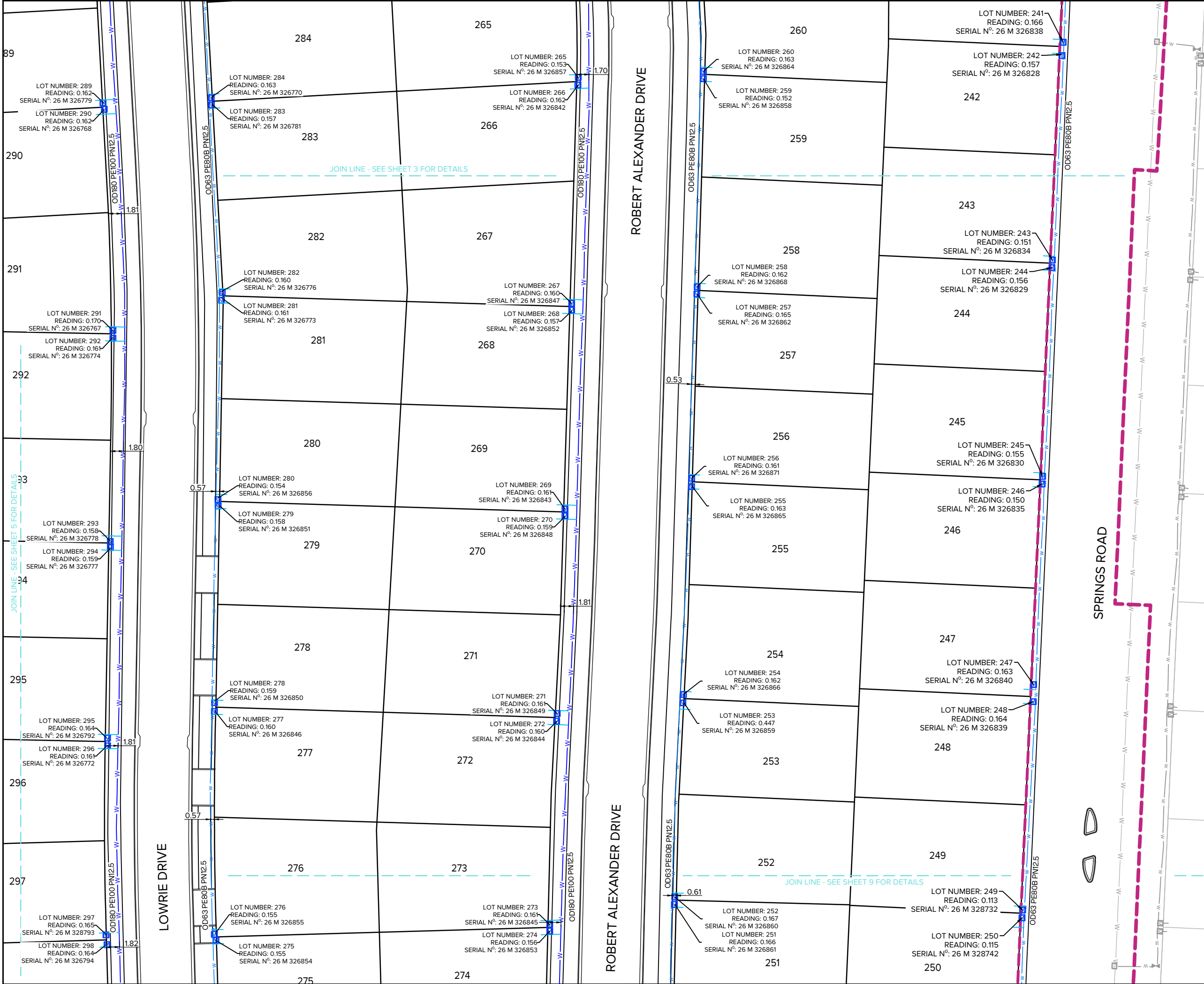
PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2

DESCRIPTION: AS-BUILT WATER SUPPLY LAYOUT PLAN SHEET 5 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6006		

Plot Date: 3:25:24 pm; 1 August 2026; MICHAEL SHEARER

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-6000.DWG



NOTES

- AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD.
- ALL BURIED SERVICES MUST BE POSITIVELY IDENTIFIED USING CABLE LOCATORS, GROUND PENETRATING RADAR EQUIPMENT OR POT-HOLING BY HYDRO-EXCAVATION BEFORE ANY HAND OR MECHANICAL EXCAVATIONS ARE UNDERTAKEN. THESE PLANS SHOULD NOT BE RELIED ON FOR LOCATION OF SERVICES OR SERVICE TYPE.
- NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.
- DN REFERS TO NOMINAL INTERNAL PIPE DIAMETER (e.g., DN150mm). OD REFERS TO OUTSIDE DIAMETER FOR HDPE PIPE.
- PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENCE 4.0.
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

	WATER MAIN
	WATER SUBMAIN
	WATER LATERAL
	FIRE HYDRANT
	GATE VALVE
	SLUICE VALVE
	EX. WATER MAIN
	EX. WATER SUBMAIN
	EX. FIRE HYDRANT
	EX. WATER METER
	SLUICE VALVE
	ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

AS-BUILT WATER SUPPLY
LAYOUT PLAN
SHEET 6 of 13

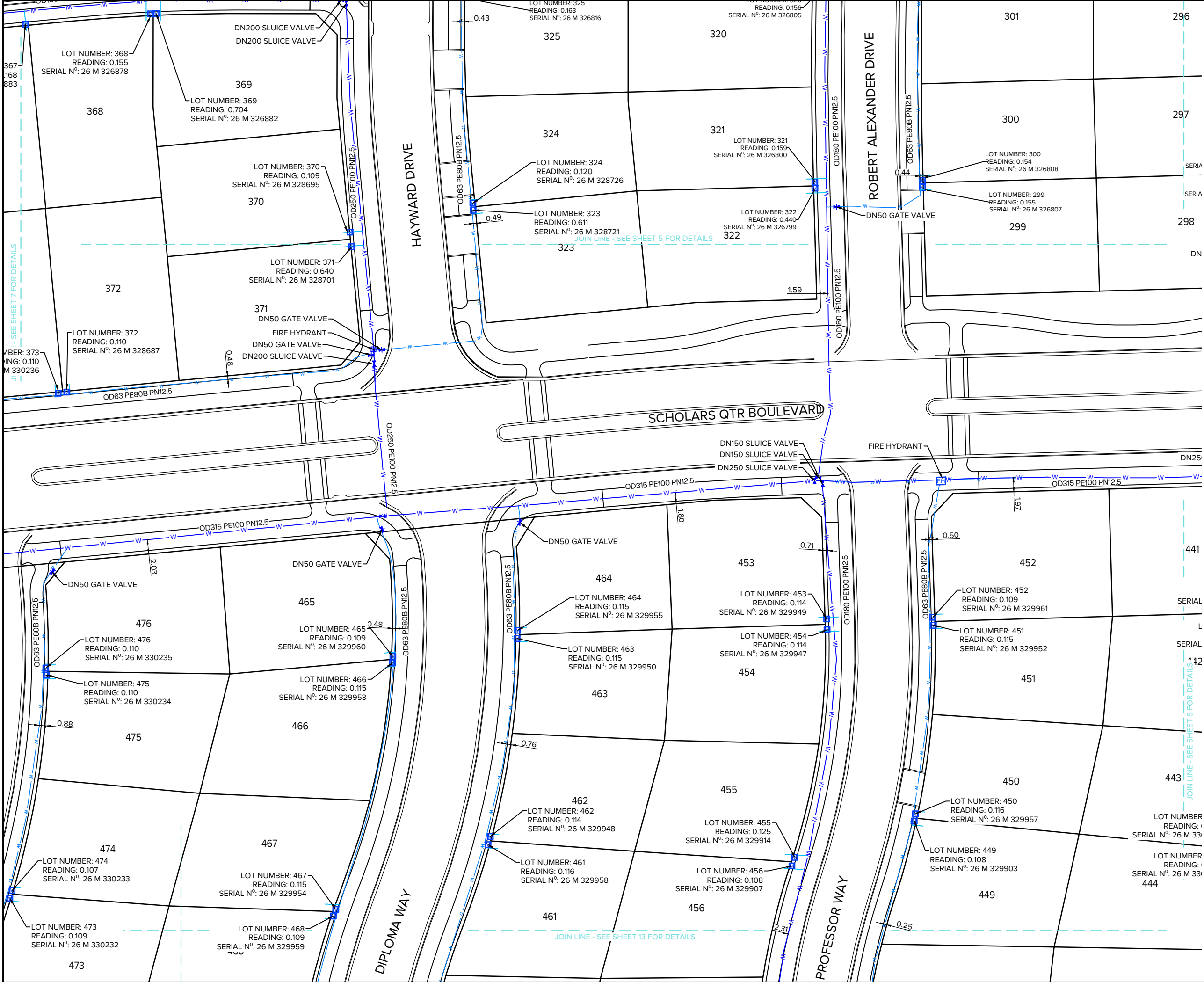
SURVEYED	RD (TOTAL SURVEY)	02.02.26
DESIGNED	DR	01.01.26
DRAWN	ARA	30.04.26
CHECKED	MHS	03/07/2026
APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6007		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-6000.DWG

Plot Date: 3:25:30 pm;1 August 2026; MICHAEL SHEARER

Synergy Version:



NOTES

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- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

	WATER MAIN
	WATER SUBMAIN
	WATER LATERAL
	FIRE HYDRANT
	GATE VALVE
	SLUICE VALVE
	EX. WATER MAIN
	EX. WATER SUBMAIN
	EX. FIRE HYDRANT
	EX. WATER METER
	SLUICE VALVE
	ASBUILT PENDING

2	WHOLE SITE AS-BUILT EX. 2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2

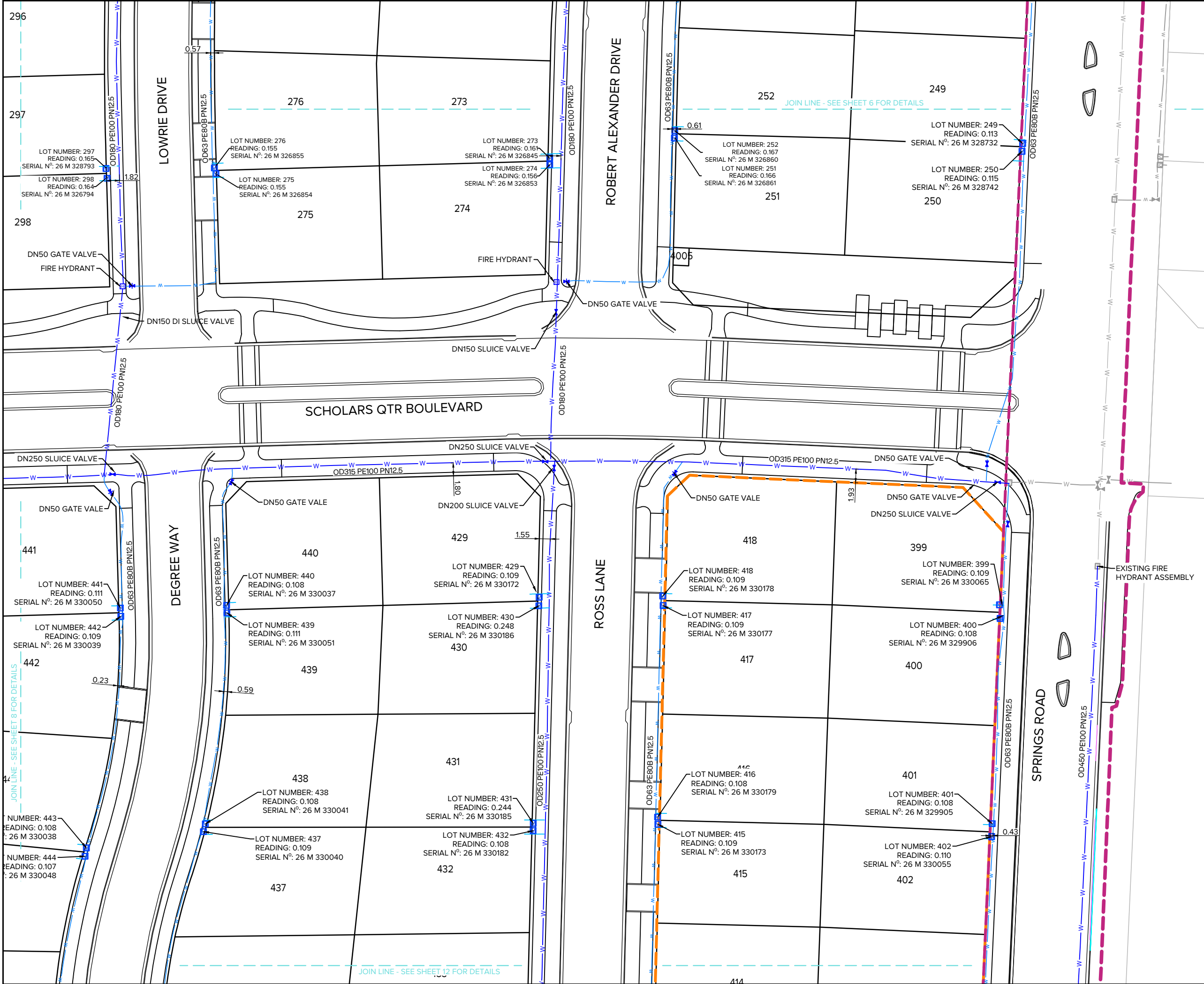
DESCRIPTION: AS-BUILT WATER SUPPLY LAYOUT PLAN SHEET 8 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6009		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-6000.DWG

Synergy Version:

Plot Date: 3:25:41 pm 1 August 2026, MICHAEL SHEARER



NOTES

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- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

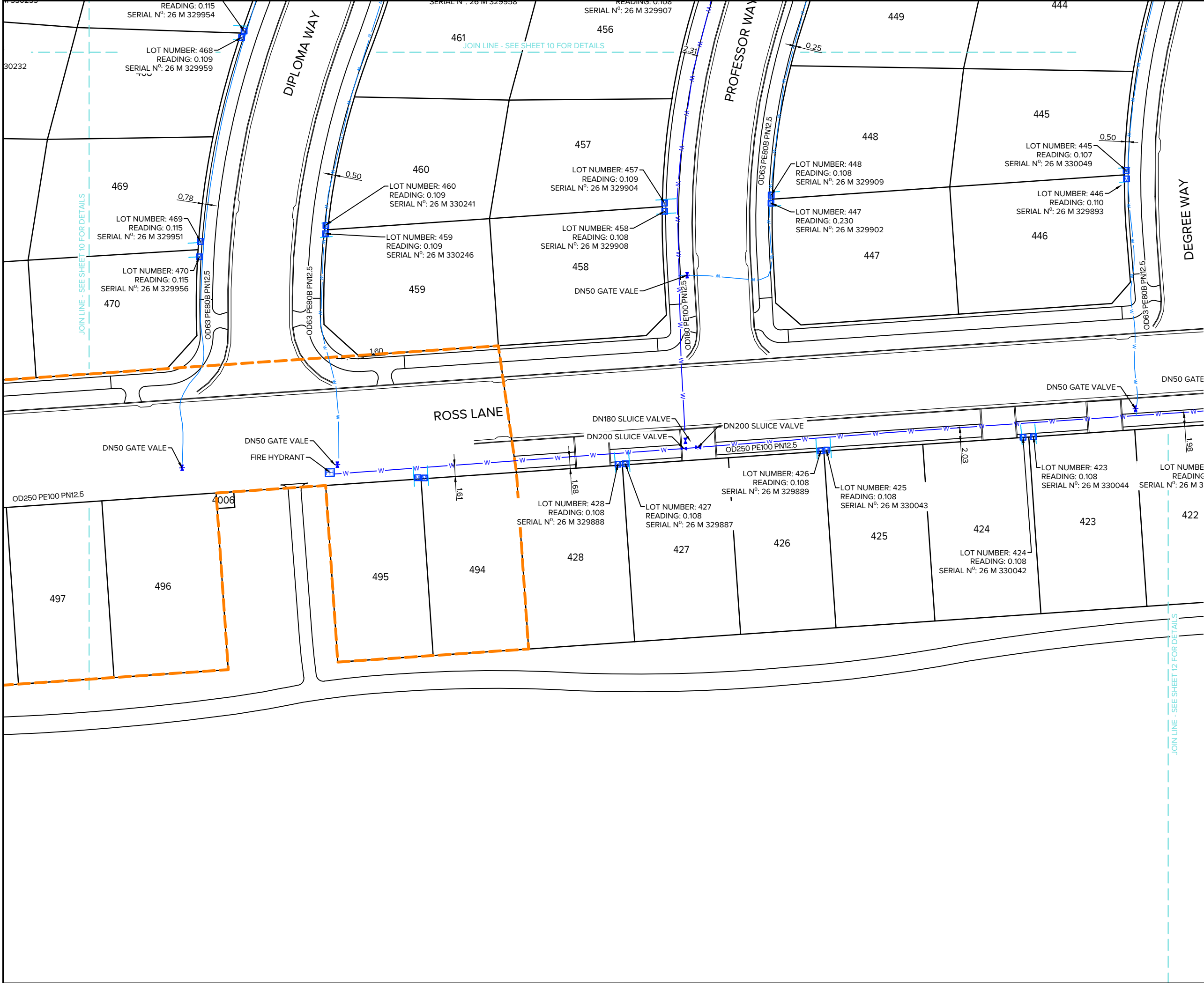
LEGEND

	WATER MAIN
	WATER SUBMAIN
	WATER LATERAL
	FIRE HYDRANT
	GATE VALVE
	SLUICE VALVE
	EX. WATER MAIN
	EX. WATER SUBMAIN
	EX. FIRE HYDRANT
	EX. WATER METER
	SLUICE VALVE
	ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex. 2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE
PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2			
DESCRIPTION: AS-BUILT WATER SUPPLY LAYOUT PLAN SHEET 9 of 13			
	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6010		

Plot Date: 3:25:47 pm, 1 August 2026, MICHAEL SHEARER

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-6000.DWG



NOTES

1.

AS-BUILT SERVICES DATA HAS BEEN CAPTURED BY GPS SURVEY PRIOR TO BACKFILLING & TRACING OF SERVICES FROM UAV IMAGERY CAPTURED DURING CONSTRUCTION BY MAUGERS CONTRACTING LTD.

2.

ALL BURIED SERVICES MUST BE POSITIVELY IDENTIFIED USING CABLE LOCATORS, GROUND PENETRATING RADAR EQUIPMENT OR POT-HOLING BY HYDRO-EXCAVATION BEFORE ANY HAND OR MECHANICAL EXCAVATIONS ARE UNDERTAKEN. THESE PLANS SHOULD NOT BE RELIED ON FOR LOCATION OF SERVICES OR SERVICE TYPE.

3.

NOT ALL BURIED SERVICES ARE SHOWN OR IDENTIFIED.

4.

DN REFERS TO NOMINAL INTERNAL PIPE DIAMETER (e.g., DN150mm). OD REFERS TO OUTSIDE DIAMETER FOR HDPE PIPE.

5.

PROPOSED LOT BOUNDARIES ARE SUBJECT TO FINAL SURVEY. EXISTING LOT BOUNDARIES ARE SOURCED FROM LINZ DATA SERVICE AND USED IN ACCORDANCE WITH THE INTERNATIONAL CREATIVE COMMONS LICENCE 4.0.

6.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.

7.

HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]

8.

VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

WATER MAIN

WATER SUBMAIN

WATER LATERAL

FIRE HYDRANT

GATE VALVE

SLUICE VALVE

EX. WATER MAIN

EX. WATER SUBMAIN

EX. FIRE HYDRANT

EX. WATER METER

SLUICE VALVE

ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex.2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT:

EARLSBROOK
RESIDENTIAL SUBDIVISION
STAGE 2

DESCRIPTION:

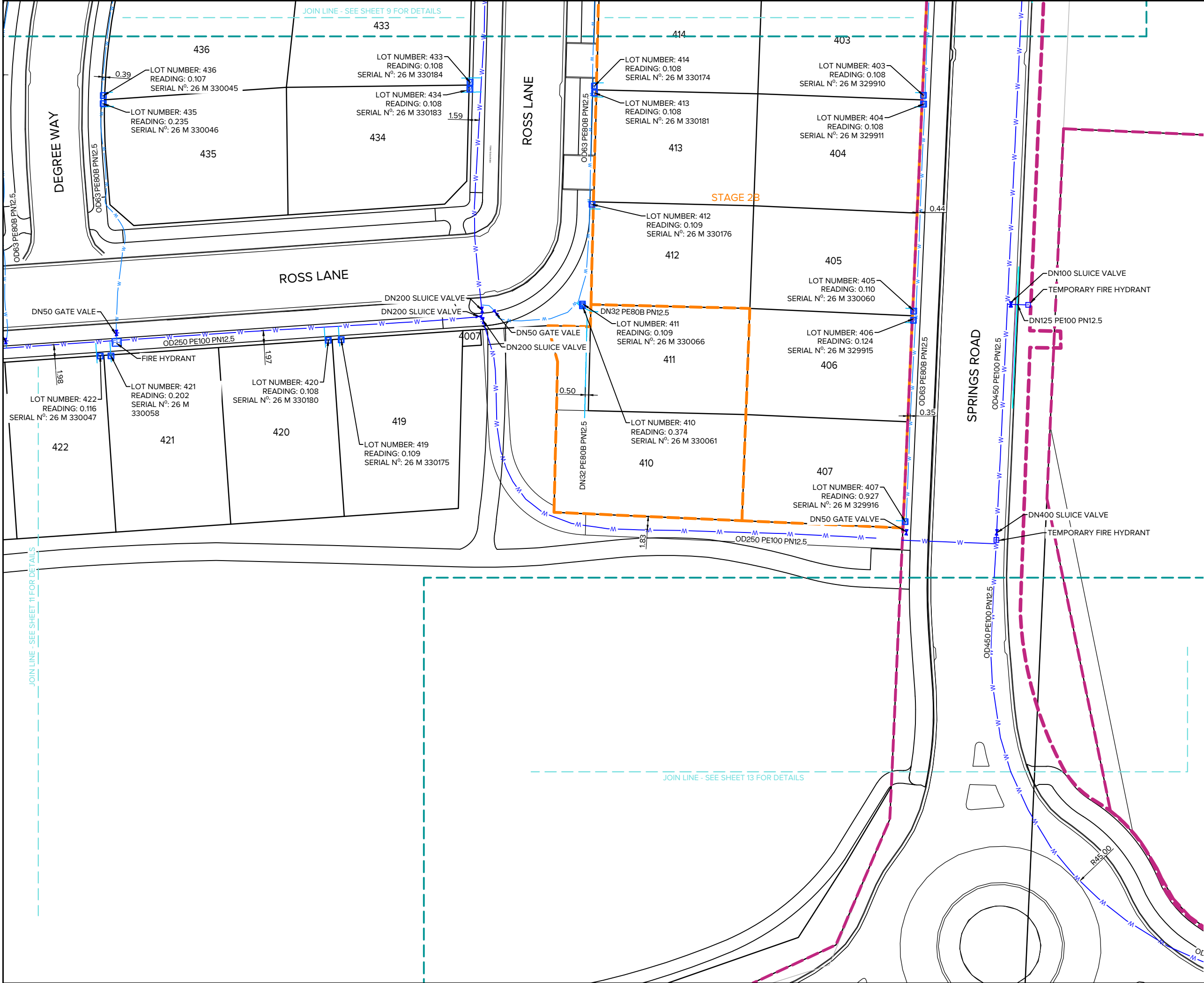
AS-BUILT WATER SUPPLY
LAYOUT PLAN
SHEET 11 of 13

SURVEYED	RD (TOTAL SURVEY)	02.02.26
DESIGNED	DR	01.01.26
DRAWN	ARA	30.04.26
CHECKED	MHS	03/07/2026
APPROVED	DR	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6012		

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-6000.DWG

Plot Date: 3:26:00 pm;1 August 2026; MICHAEL SHEARER Synergy Version:



NOTES

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- HORIZONTAL DATUM: NZGD2000 MOUNT PLEASANT, ORIGIN OF COORDINATES: SS 79 SO 5873-IT 0.3D [CNE3]
- VERTICAL DATUM: NEW ZEALAND VERTICAL DATUM 2016, ORIGIN OF HEIGHT: SS 79 SO 5873-IT 0.3D [CNE3]

LEGEND

	WATER MAIN
	WATER SUBMAIN
	WATER LATERAL
	FIRE HYDRANT
	GATE VALVE
	SLUICE VALVE
	EX. WATER MAIN
	EX. WATER SUBMAIN
	EX. FIRE HYDRANT
	EX. WATER METER
	SLUICE VALVE
	ASBUILT PENDING

2	WHOLE SITE AS-BUILT Ex.2C ADDED	MHS	31/07/2026
1	ADDED AB Q2 INFORMATION	MHS	03/07/2026
0	AS-BUILT Q1		
REVISION DETAILS		BY	DATE

PROJECT: EARLSBROOK RESIDENTIAL SUBDIVISION STAGE 2

DESCRIPTION: AS-BUILT WATER SUPPLY LAYOUT PLAN SHEET 12 of 13

	SURVEYED	RD (TOTAL SURVEY)	02.02.26
	DESIGNED	DR	01.01.26
	DRAWN	ARA	30.04.26
	CHECKED	MHS	03/07/2026
	APPROVED	DR	
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS-BUILT		2
PROJECT	16012		
DWG NO	16012-S2-AB-6013		

Plot Date: 3:26:06 pm;1 August 2026; MICHAEL SHEARER

File: C:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-6000.DWG



File: O:\1. PROJECTS\16012\CAD\ASBUILT\16012-S2-AB-6000.DWG

Plot Date: 3:26:11 pm,1 August 2026, MICHAEL SHEARER