

Engineering Approval Completion Certificate

Issued By: Auckland Council – Regulatory Engineering

Project: Engineering Application - Major - Watermain Upgrade and kerb realignment with intersection adjustment
Consent Number: ENG60352314
Approval Granted: 13/07/2020

Project Address:
1 State Avenue Onehunga Auckland 1061

Applicant:
Housing New Zealand Limited
PO Box 74598
Greenlane
Auckland 1546

Note: A final Engineering Approval Completion Certificate (EACC) issued in respect to all the engineering works covered by the above Approval.

The Statement of Certification has been signed and dated by:
Nigel Tse, 21.06.2024

The As-built plan has been signed and dated by:
Ryan Bruce Healey, 15.12.2023

Auckland Council Regulatory Engineering is satisfied upon reasonable grounds that: these works, certified by Nigel Tse, have met the requirements of the Engineering Approval.

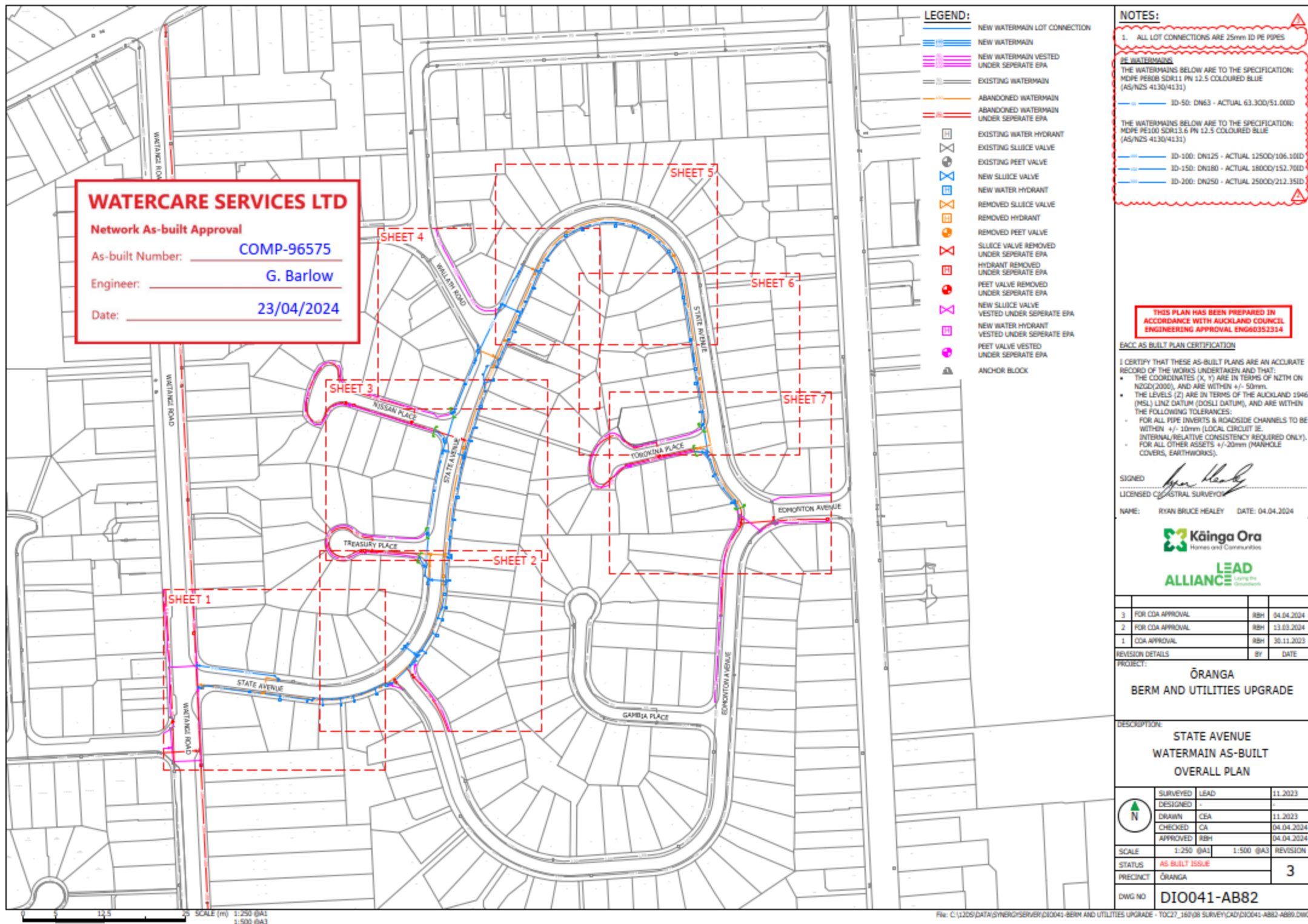
This Engineering Approval Completion Certificate is granted subject to the following conditions:

- That 24-hour access to public infrastructure on private land be provided to Auckland Council, Watercare and its representatives in accordance with the Local Government Act 2004.
- That a post-construction audit may be carried out of these works.
- That subsequent to this audit, if the works associated with this consent are found to be deficient in any way, remedial works and / or revised documentation may be required.

Signed for and on behalf of Council on this day: 23/06/2024



Ahad Khan
Team Leader
Regulatory Engineering
Auckland Council



WATERCARE SERVICES LTD

Network As-built Approval

As-built Number: COMP-96575

Engineer: G. Barlow

Date: 23/04/2024

LEGEND:

- NEW WATERMAIN LOT CONNECTION
- NEW WATERMAIN
- NEW WATERMAIN VESTED UNDER SEPARATE EPA
- EXISTING WATERMAIN
- ABANDONED WATERMAIN
- ABANDONED WATERMAIN UNDER SEPARATE EPA
- EXISTING WATER HYDRANT
- EXISTING SLUICE VALVE
- EXISTING PEET VALVE
- NEW SLUICE VALVE
- NEW WATER HYDRANT
- REMOVED SLUICE VALVE
- REMOVED HYDRANT
- REMOVED PEET VALVE
- SLUICE VALVE REMOVED UNDER SEPARATE EPA
- HYDRANT REMOVED UNDER SEPARATE EPA
- PEET VALVE REMOVED UNDER SEPARATE EPA
- NEW SLUICE VALVE VESTED UNDER SEPARATE EPA
- NEW WATER HYDRANT VESTED UNDER SEPARATE EPA
- PEET VALVE VESTED UNDER SEPARATE EPA
- ANCHOR BLOCK

NOTES:

- ALL LOT CONNECTIONS ARE 25mm ID PE PIPES

PE WATERMAINS

THE WATERMAINS BELOW ARE TO THE SPECIFICATION:
MDPE PE800 SDR11 PN 12.5 COLOURED BLUE
(AS/NZS 4130/4131)

100 ID-50: DN63 - ACTUAL 63.300/51.000

THE WATERMAINS BELOW ARE TO THE SPECIFICATION:
MDPE PE100 SDR13.6 PN 12.5 COLOURED BLUE
(AS/NZS 4130/4131)

100 ID-100: DN125 - ACTUAL 125.000/106.100

100 ID-150: DN180 - ACTUAL 180.000/152.700

100 ID-200: DN250 - ACTUAL 250.000/212.350

THIS PLAN HAS BEEN PREPARED IN
ACCORDANCE WITH AUCKLAND COUNCIL
ENGINEERING APPROVAL ENG00352314

EACC AS-BUILT PLAN 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 AUCKLAND 1946 (MSL) LINZ DATUM (DOSLI DATUM), AND ARE WITHIN THE FOLLOWING TOLERANCES:
 - FOR ALL PIPE INVERTS & ROADSIDE CHANNELS TO BE WITHIN +/- 10mm (LOCAL CIRCUIT 3E).
 - INTERNAL/RELATIVE CONSISTENCY REQUIRED ONLY).
 - FOR ALL OTHER ASSETS +/- 20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED: *Ryan Bruce Healey*
LICENSED CATEGORICAL SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 04.04.2024

Kāinga Ora
Homes and Communities

LEAD
ALLIANCE
Laying the Groundwork

NO	REVISION DETAILS	BY	DATE
3	FOR CDA APPROVAL	RBH	04.04.2024
2	FOR CDA APPROVAL	RBH	13.03.2024
1	CDA APPROVAL	RBH	30.11.2023

PROJECT: ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION: STATE AVENUE
WATERMAIN AS-BUILT
OVERALL PLAN

STATUS	AS BUILT ISSUE	3
PRECINCT	ORANGA	
DWG NO	DIO041-AB82	

SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS BUILT ISSUE		
PRECINCT	ORANGA		

DWG NO	DIO041-AB82
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WATERCARE SERVICES LTD

Network As-built Approval

As-built Number: **COMP-96575**

Engineer: **G. Barlow**

Date: **23/04/2024**

NOTE:
1. REFER TO DIO041-AB82 FOR NOTES AND LEGEND

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS-BUILT PLAN CERTIFICATION

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

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- THE LEVELS (Z) ARE IN TERMS OF THE AUCKLAND 1946 (MSL) LINZ DATUM (DOSLI DATUM), AND ARE WITHIN THE FOLLOWING TOLERANCES:
- FOR ALL PIPE INVERTS & ROADSIDE CHANNELS TO BE WITHIN +/- 10mm (LOCAL CIRCUIT IE INTERNAL/RELATIVE CONSISTENCY REQUIRED ONLY).
- FOR ALL OTHER ASSETS +/- 20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED: *[Signature]*
LICENSED CIVIL SURVEYOR

NAME: **RYAN BRUCE HEALEY** DATE: **04.04.2024**

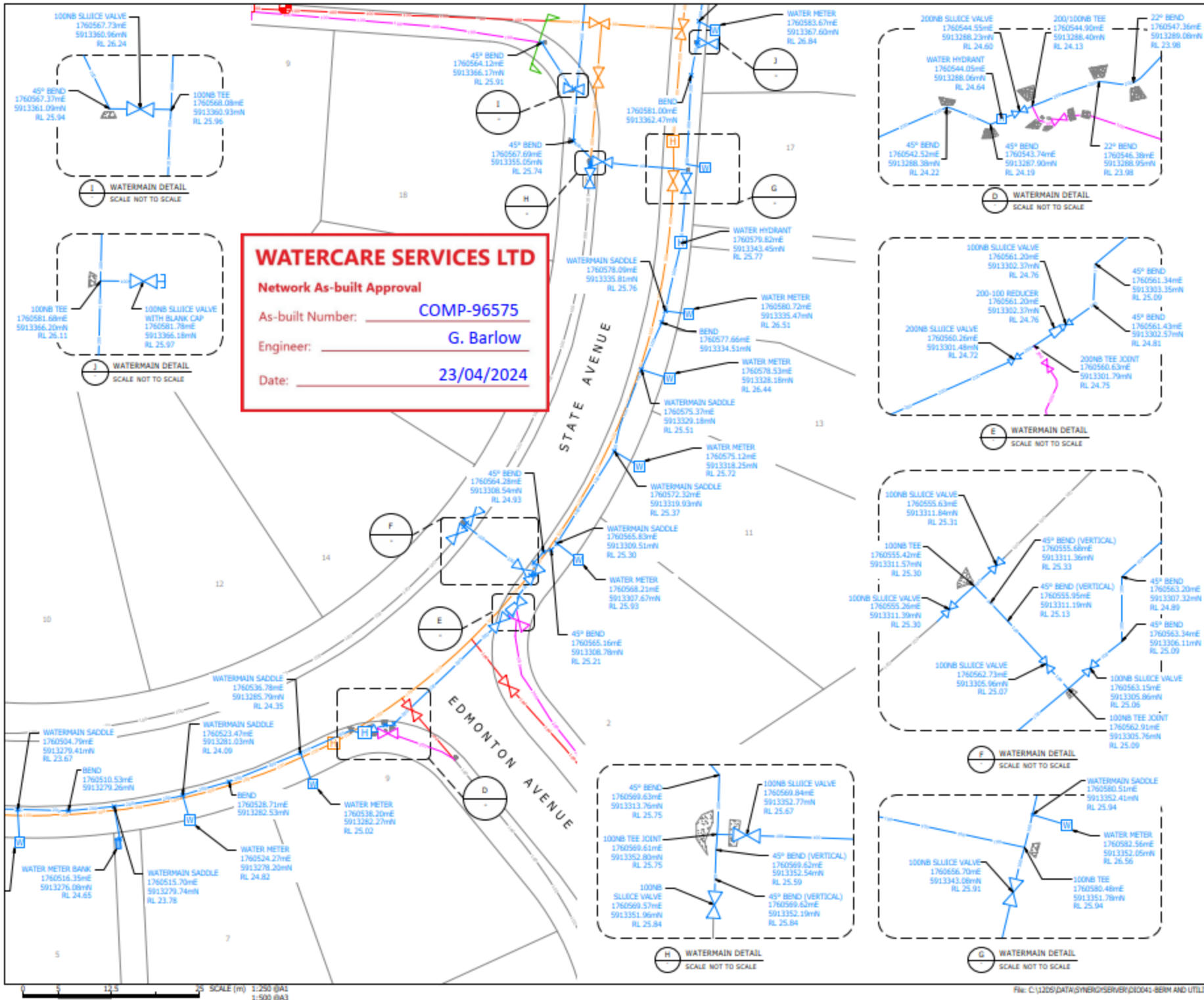


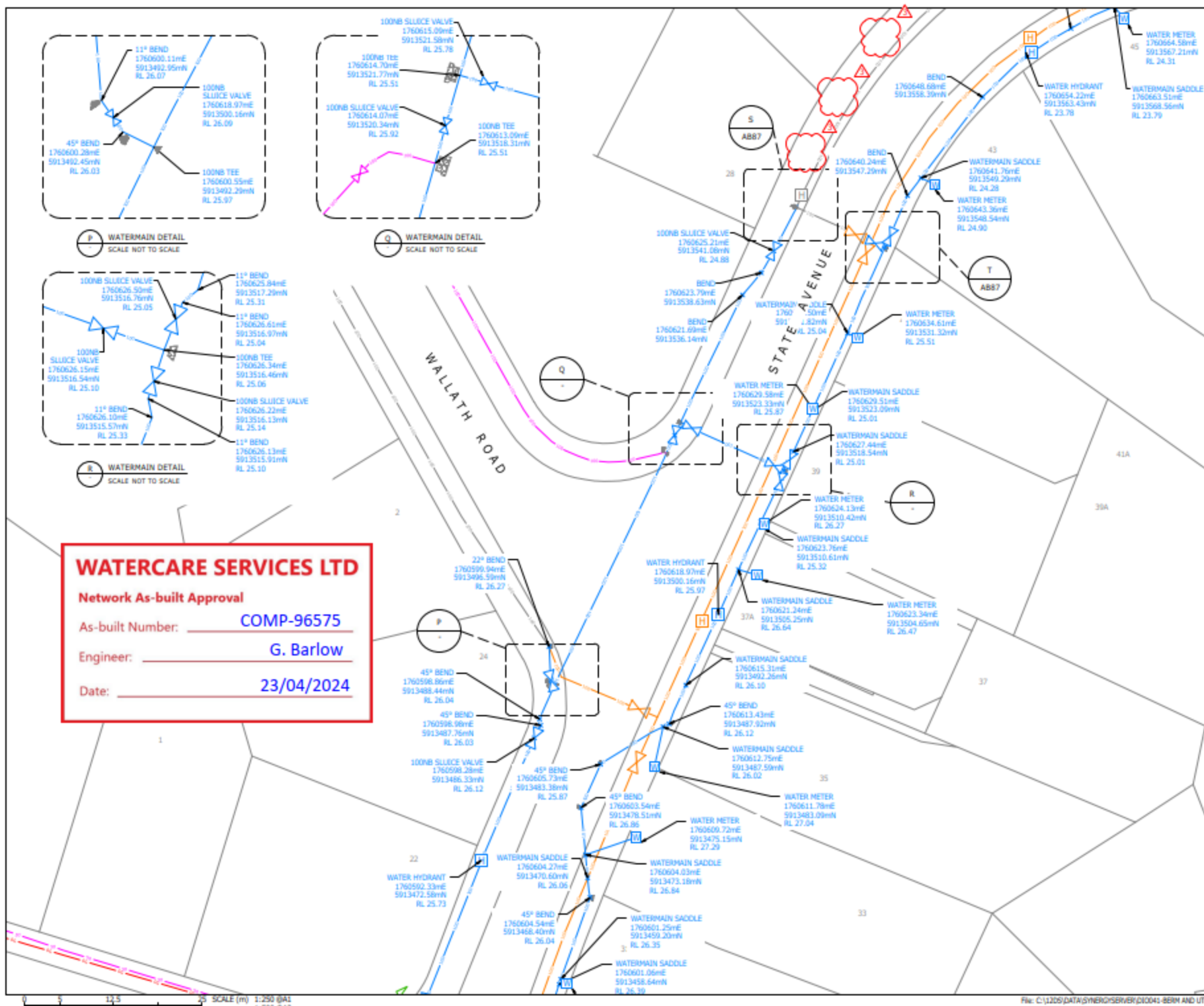
NO	FOR COA APPROVAL	RBH	DATE
3	FOR COA APPROVAL	RBH	04.04.2024
2	FOR COA APPROVAL	RBH	13.03.2024
1	COA APPROVAL	RBH	30.11.2023

REVISION DETAILS
PROJECT: **ŌRANGA BERM AND UTILITIES UPGRADE**

DESCRIPTION:
STATE AVENUE WATERMAIN AS-BUILT PLAN SHEET 2

STATUS	LEAD	DATE
SURVEYED	CEA	11.2023
DESIGNED	CEA	11.2023
CHECKED	CA	04.04.2024
APPROVED	RBH	04.04.2024
SCALE	1:250 @A1	1:500 @A3
STATUS	AS BUILT ISSUE	3
PRECINCT	ŌRANGA	
DWG NO	DIO041-AB84	





WATERCARE SERVICES LTD

Network As-built Approval

As-built Number: **COMP-96575**

Engineer: **G. Barlow**

Date: **23/04/2024**

NOTE:

1. REFER TO DIO041-AB82 FOR NOTES AND LEGEND

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG06052314

EACC AS BUILT PLAN 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 NGSD(2000), AND ARE WITHIN +/- 50mm.
- THE LEVELS (Z) ARE IN TERMS OF THE AUCKLAND 1946 (MSL) LINZ DATUM (DOSLI DATUM), 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 (MANHOLE COVERS, EARTHWORKS).

SIGNED

LICENSED CIVIL ENGINEER

NAME: RYAN BRUCE HEALEY DATE: 04.04.2024

Kāinga Ora
Homes and Communities

LEAD
ALLIANCE
Leading the Green Transition

3	FOR COA APPROVAL	RBH	04.04.2024
2	FOR COA APPROVAL	RBH	13.03.2024
1	COA APPROVAL	RBH	30.11.2023
REVISION DETAILS		BY	DATE

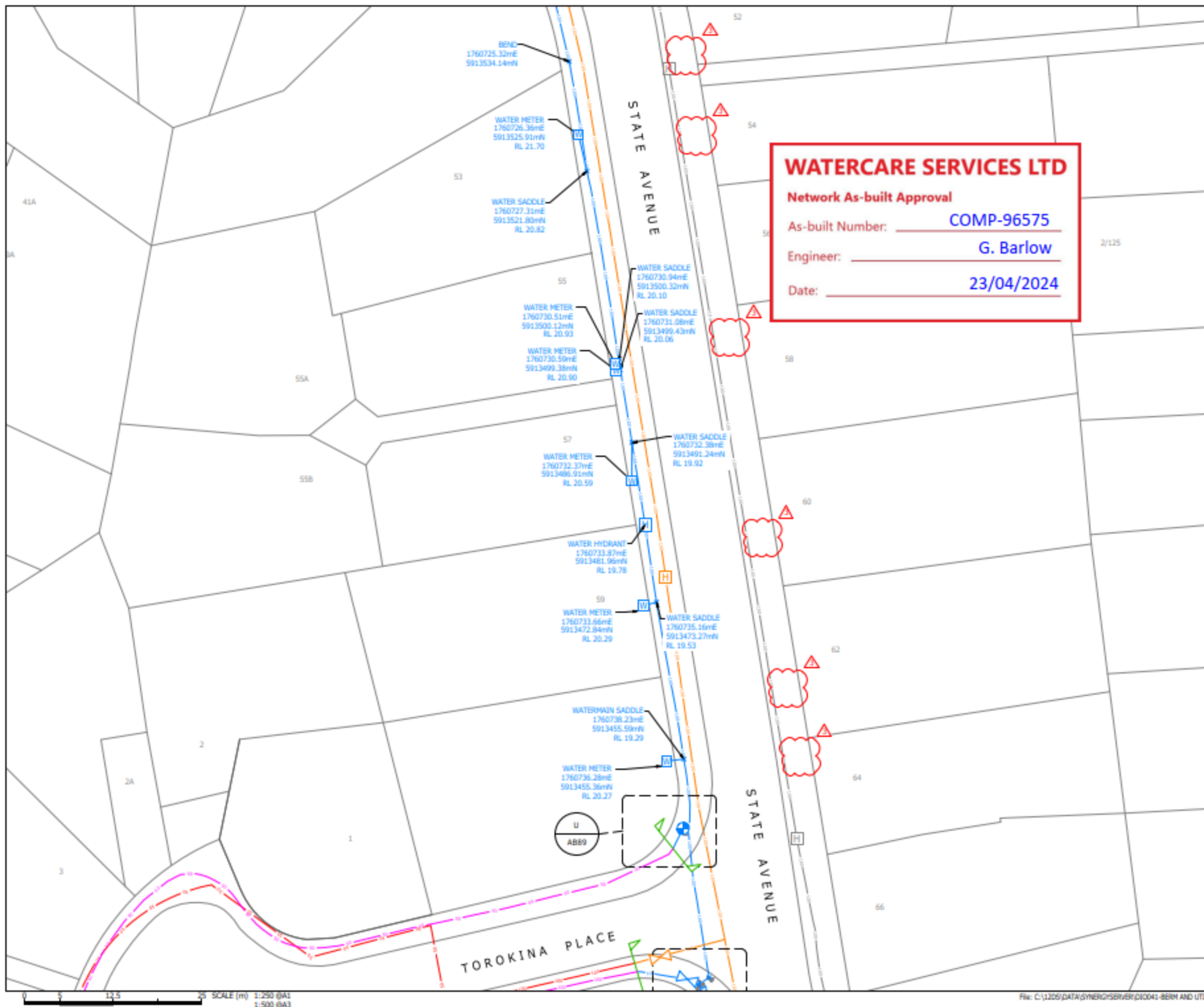
PROJECT:

ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:

STATE AVENUE
WATERMAIN AS-BUILT PLAN
SHEET 4

N	SURVEYED	LEAD	11.2023
	DESIGNED	CEA	11.2023
	CHECKED	CA	04.04.2024
	APPROVED	RBH	04.04.2024
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS BUILT ISSUE		3
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB86		



NOTE:
1. REFER TO DIO041-AB82 FOR NOTES AND LEGEND

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS BUILT PLAN CERTIFICATION

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

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- THE LEVELS (Z) ARE IN TERMS OF THE AUCKLAND 1946 (MSL) LINZ DATUM (DOSLI DATUM), AND ARE WITHIN THE FOLLOWING TOLERANCES:
- FOR ALL PIPE INVERTS & ROADSIDE CHANNELS TO BE WITHIN +/- 10mm (LOCAL CIRCUIT BE.
- INTERNAL/RELATIVE CONSISTENCY (REQUIRED ONLY).
- FOR ALL OTHER ASSETS +/- 20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED: *Ryan Bruce Healey*
 LICENSED COUNTRIAL SURVEYOR
 NAME: RYAN BRUCE HEALEY DATE: 04.04.2024

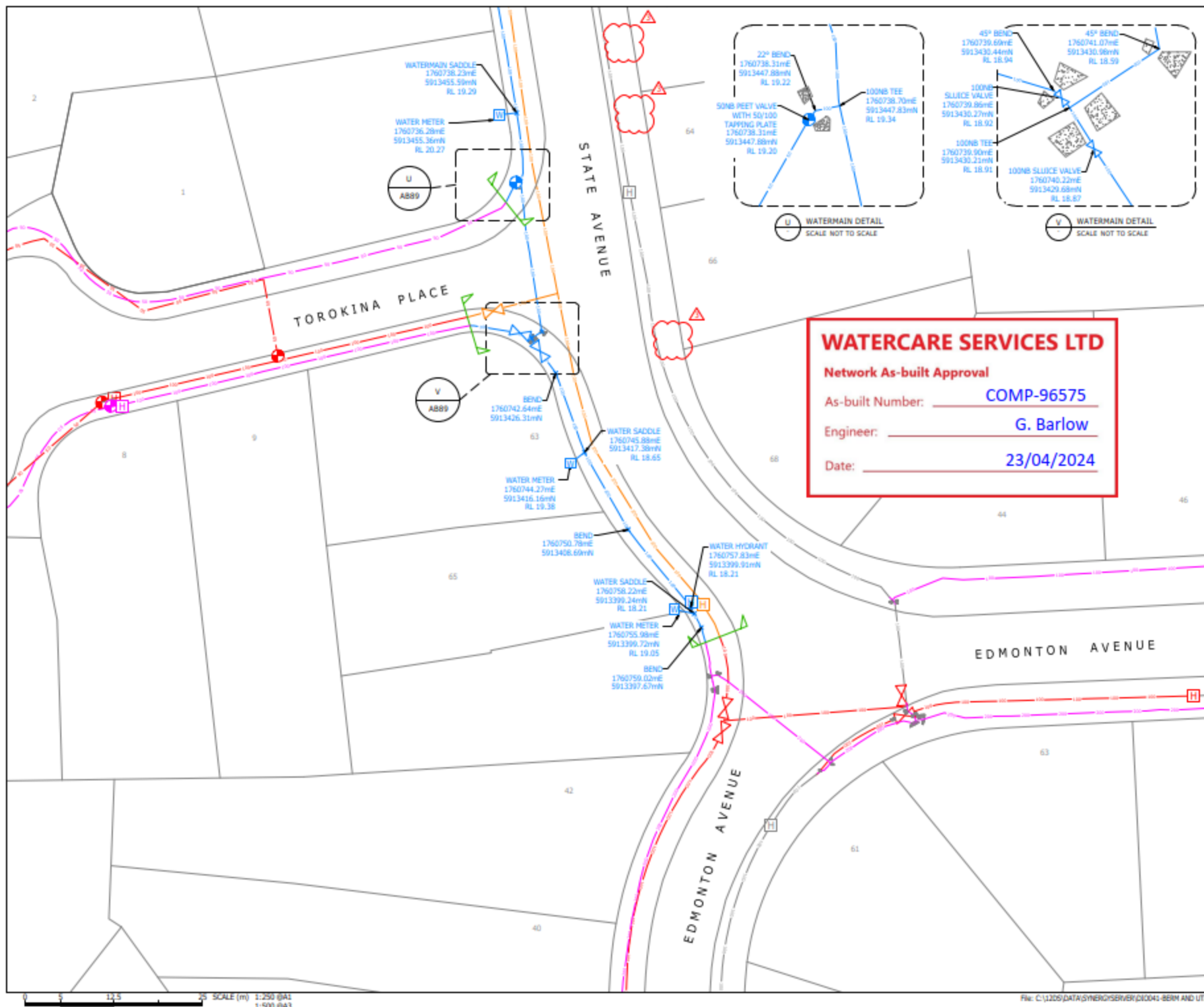


REVISION	DETAILS	BY	DATE
3	FOR COA APPROVAL	RBH	04.04.2024
2	FOR COA APPROVAL	RBH	13.03.2024
1	COA APPROVAL	RBH	30.11.2023

PROJECT:
ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:
STATE AVENUE
WATERMAIN AS-BUILT PLAN
SHEET 6

	SURVEYED	LEAD	11.2023
	DESIGNED	-	-
	DRAWN	CEA	11.2023
	CHECKED	CA	04.04.2024
	APPROVED	RBH	04.04.2024
SCALE	1:250 @A1	1:500 @A3	REVISION
STATUS	AS BUILT ISSUE		3
PRECINCT	ORANGA		
DWG NO	DIO041-AB88		



NOTE:
1. REFER TO DIO041-AB82 FOR NOTES AND LEGEND

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG6032314

EACC AS BUILT PLAN CERTIFICATION

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

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- FOR ALL OTHER ASSETS +/- 20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED: *[Signature]*
LICENSED CANTABRIAN SURVEYOR
NAME: **RYAN BRUCE HEALEY** DATE: 04.04.2024

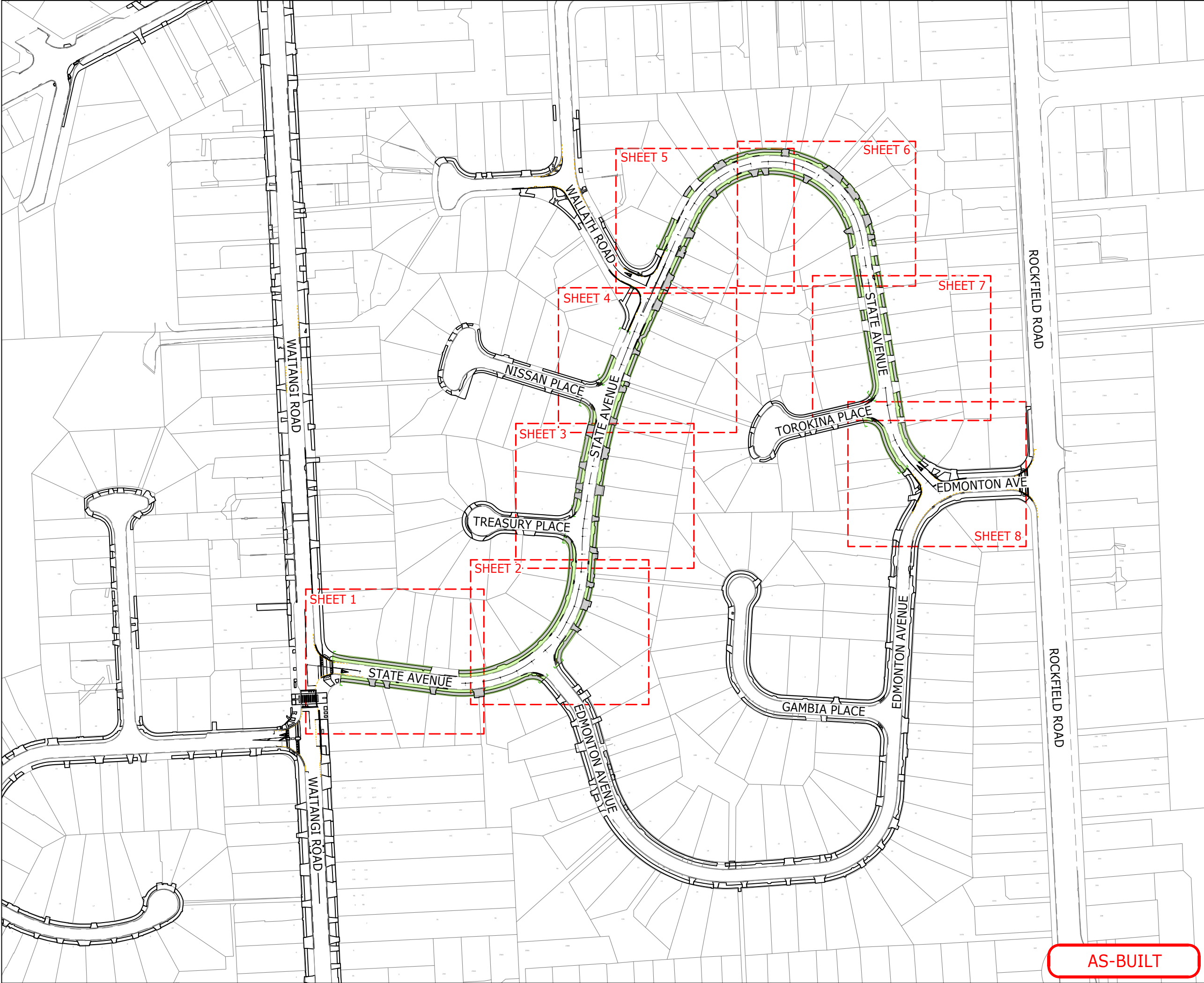


NO	REVISION DETAILS	BY	DATE
3	FOR COA APPROVAL	RBH	04.04.2024
2	FOR COA APPROVAL	RBH	13.03.2024
1	COA APPROVAL	RBH	30.11.2023

PROJECT: **ŌRANGA BERM AND UTILITIES UPGRADE**

DESCRIPTION: **STATE AVENUE WATERMAIN AS-BUILT PLAN SHEET 7**

STATUS	SCALE	PRECINCT	DWG NO
SURVEYED	1:250 @A1	ŌRANGA	DIO041-AB89
DESIGNED	1:500 @A3		
DRAWN			
CHECKED			
APPROVED			
REVISION			
3			



LEGEND:

CONCRETE FOOTPATH/VEHICLE CROSSING

BERM

TACTILE PAVER

EXTENT OF WORKS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS BUILT PLAN CERTIFICATION

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



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SIGNED:

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LICENSED CADASTRAL SURVEYOR

NAME: ZANE DAVID THOMPSON DATE: 10/01/2024




1	FOR AS-BUILT	ZT	10.01.2024
REVISION DETAILS		BY	DATE

PROJECT:

ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:

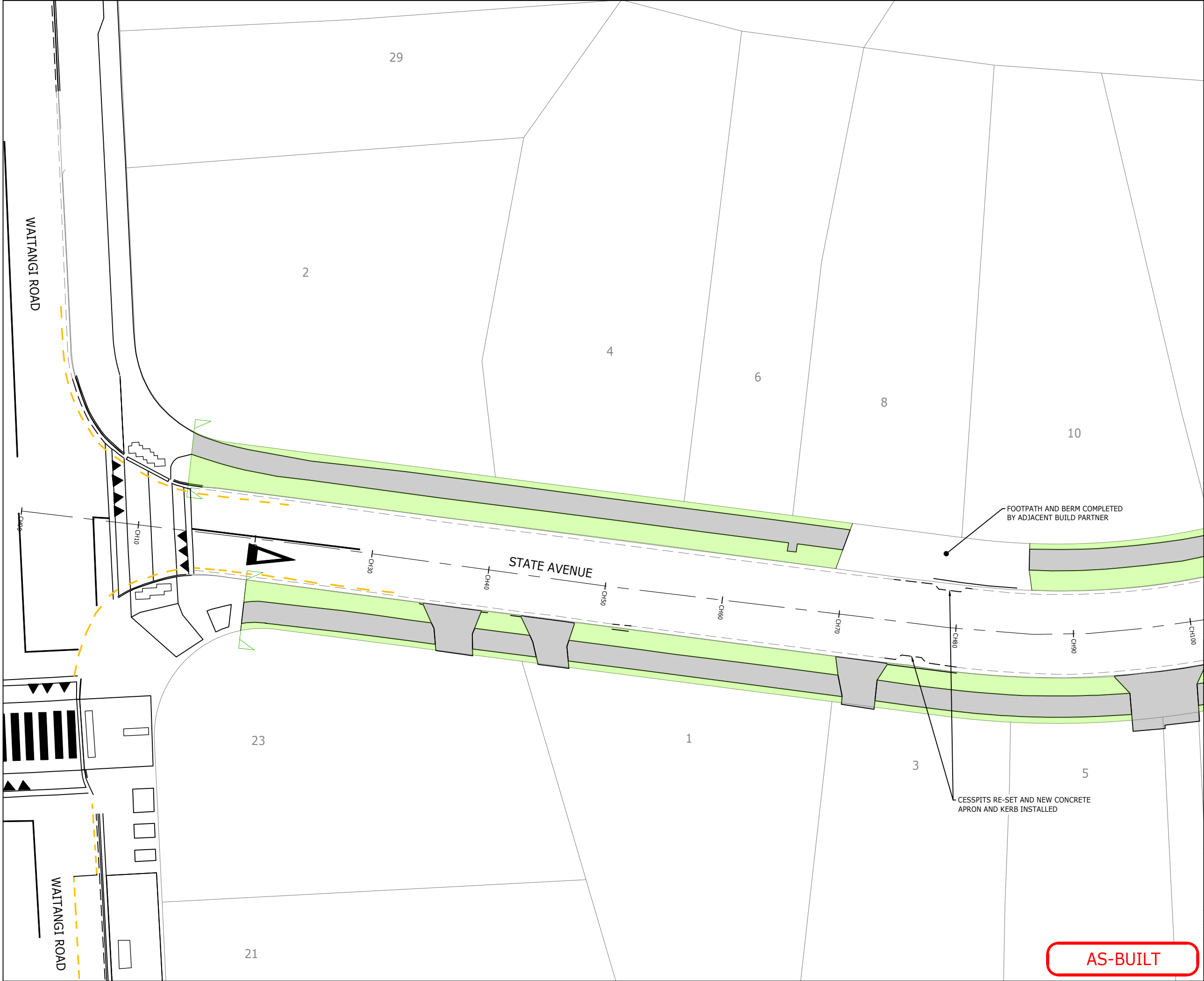
STATE AVENUE
ROADING AS-BUILT PLAN
OVERALL LAYOUT

	SURVEYED	BM/JB	14.11.2023
	DESIGNED	-	-
	DRAWN	ZT	08.01.2024
	CHECKED	CA	08.01.2024
	APPROVED	ZT	08.01.2024
SCALE	1:1000 @A1	1:2000 @A3	REVISION
STATUS	EACC APPROVAL		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB111		

AS-BUILT

Plot Date: 9:44:38 am, 10 January 2024, ZANET

File: C:\12DSYNERGY\DATA\SYNERGYSERVER\DIO041-BERM AND UTILITIES UPGRADE - TOC27_160\08 SURVEY\CAD\DIO041-AB111-AB119.DWG



LEGEND:

CONCRETE FOOTPATH/VEHICLE CROSSING

BERM

TACTILE PAVER

EXTENT OF WORKS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS BUILT PLAN CERTIFICATION

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SIGNED:

LICENSED CADASTRAL SURVEYOR

NAME: ZANE DAVID THOMPSON DATE: 10/01/2024

Kāinga Ora
Homes and Communities

LEAD ALLIANCE
Laying the Groundwork

1	FOR AS-BUILT	ZT	10.01.2024
REVISION DETAILS		BY	DATE

PROJECT:

ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:

STATE AVENUE
ROADING AS-BUILT PLAN
SHEET 1 OF 8

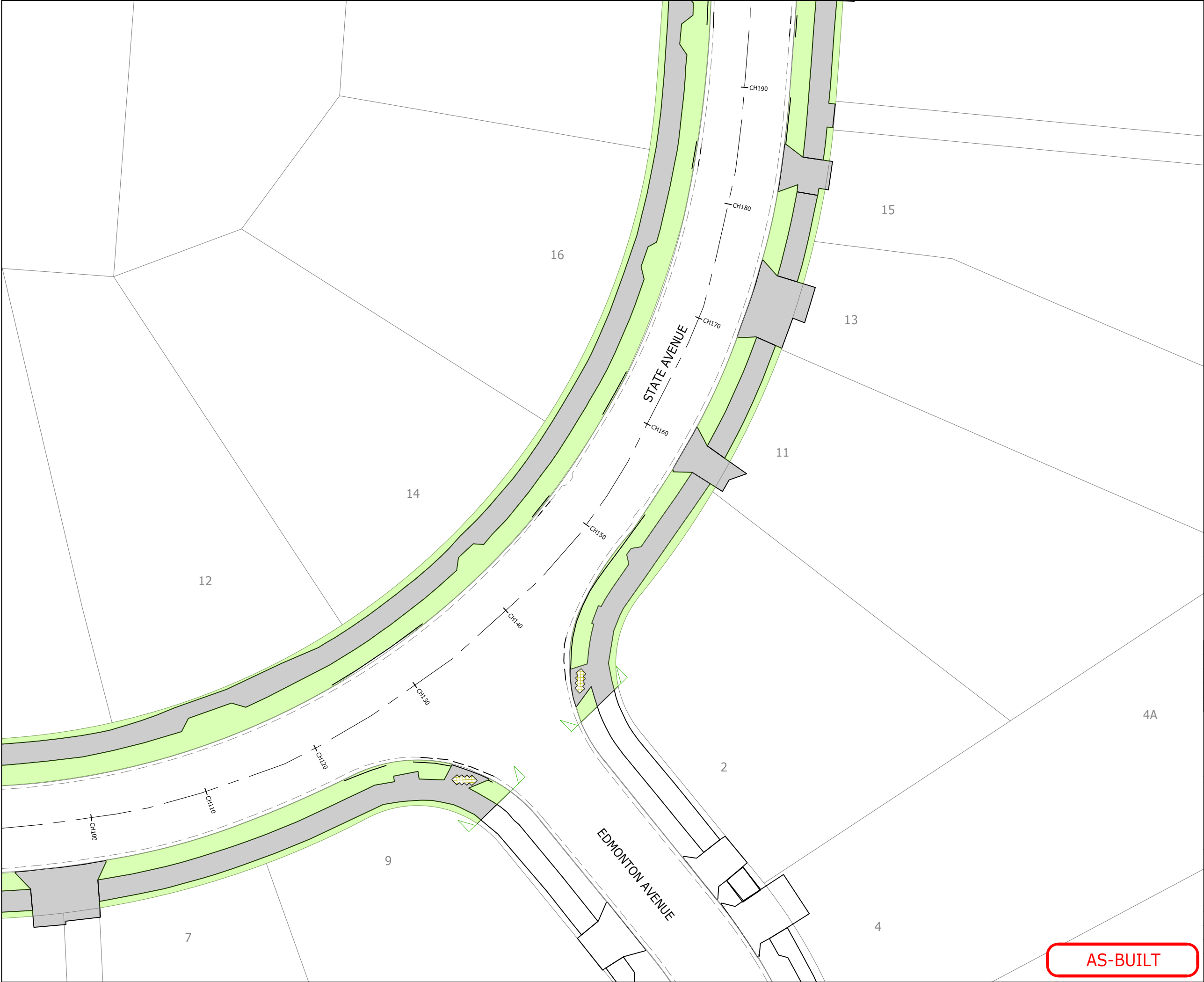
SURVEYED	BM/JB	14.11.2023
DESIGNED	-	-
DRAWN	ZT	08.01.2024
CHECKED	CA	08.01.2024
APPROVED	ZT	08.01.2024

SCALE	1:150 @A1	1:300 @A3	REVISION
STATUS	EACC APPROVAL		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB112		

AS-BUILT

Plot Date: 9:44:38 am, 10 January 2024, ZANET

Synergy Version:



LEGEND:

CONCRETE FOOTPATH/VEHICLE CROSSING

BERM

TACTILE PAVER

EXTENT OF WORKS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS BUILT PLAN CERTIFICATION

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 - FOR ALL OTHER ASSETS +/-20mm (MANHOLE COVERS, EARTHWORKS).


SIGNED:

.....

LICENSED CADASTRAL SURVEYOR

NAME: ZANE DAVID THOMPSON DATE: 10/01/2024

**Kāinga Ora**
Homes and Communities

**LEAD ALLIANCE**
Laying the Groundwork


1	FOR AS-BUILT	ZT	10.01.2024
REVISION DETAILS		BY	DATE

PROJECT:

ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:

STATE AVENUE
ROADING AS-BUILT PLAN
SHEET 2 OF 8

	SURVEYED	BM/JB	14.11.2023
	DESIGNED	-	-
	DRAWN	ZT	08.01.2024
	CHECKED	CA	08.01.2024
	APPROVED	ZT	08.01.2024
SCALE	1:150 @A1	1:300 @A3	REVISION
STATUS	EACC APPROVAL		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB113		

AS-BUILT

Plot Date: 9:44:39 am, 10 January 2024, ZANET

File: C:\12DSYNERGY\DATA\SYNERGYSERVER\DIO041-BERM AND UTILITIES UPGRADE - TOC27_160\08 SURVEY\CAD\DIO041-AB111-AB119.DWG



LEGEND:

CONCRETE FOOTPATH/VEHICLE CROSSING

BERM

TACTILE PAVER

EXTENT OF WORKS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS BUILT PLAN CERTIFICATION

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 - FOR ALL OTHER ASSETS +/-20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED:

LICENSED CADASTRAL SURVEYOR

NAME: ZANE DAVID THOMPSON DATE: 10/01/2024

Kāinga Ora
Homes and Communities

LEAD ALLIANCE
Laying the Groundwork

1	FOR AS-BUILT	ZT	10.01.2024
REVISION DETAILS		BY	DATE

PROJECT:

ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:

STATE AVENUE
ROADING AS-BUILT PLAN
SHEET 3 OF 8

N

SURVEYED	BM/JB	14.11.2023
DESIGNED	-	-
DRAWN	ZT	08.01.2024
CHECKED	CA	08.01.2024
APPROVED	ZT	08.01.2024

SCALE	1:150 @A1	1:300 @A3	REVISION	
STATUS	EACC APPROVAL		1	
PRECINCT	ŌRANGA			
DWG NO	DIO041-AB114			

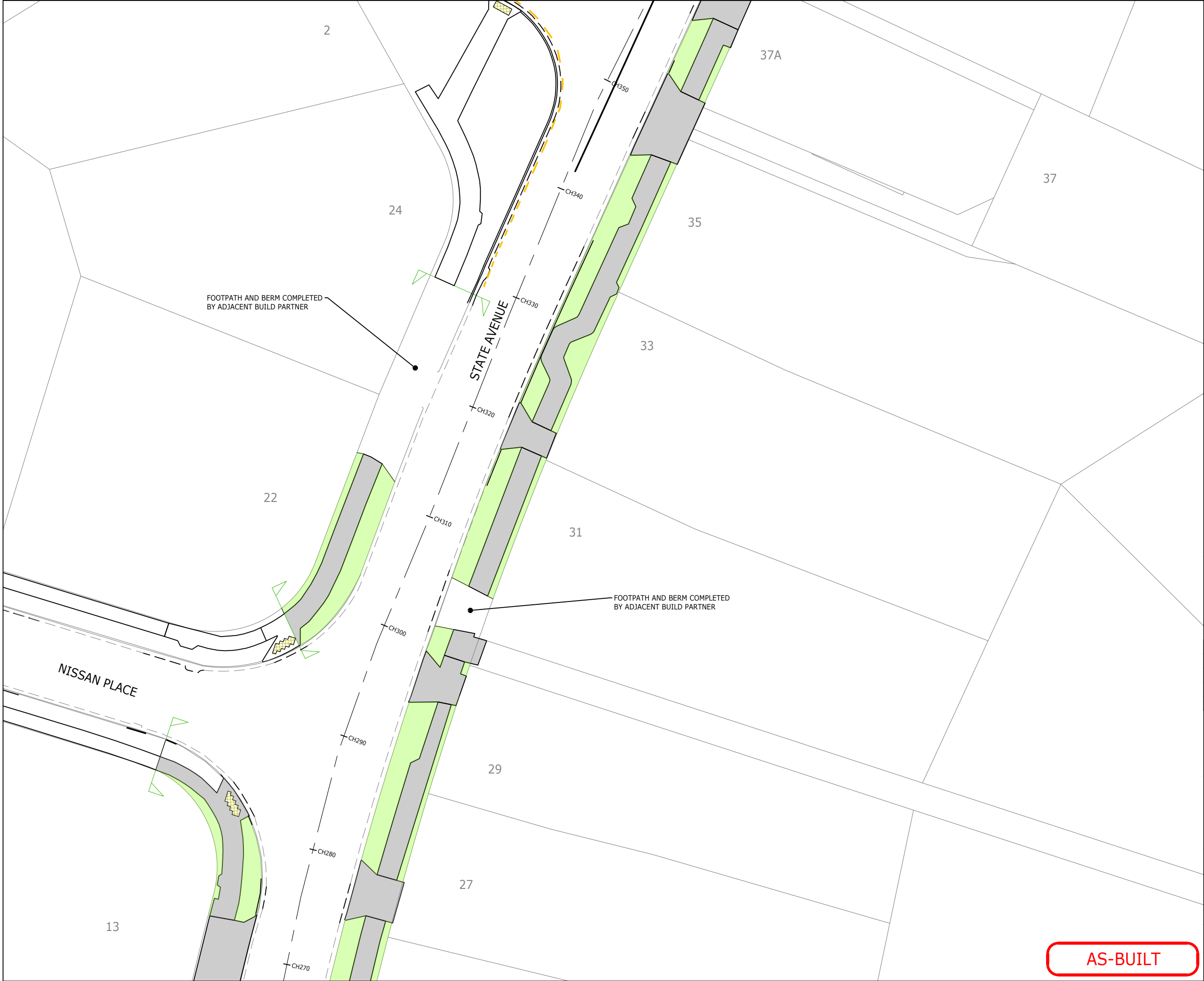
AS-BUILT

0 3 7.5 15

SCALE (m) 1:150 @A1 1:300 @A3

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Plot Date: 9:44:39 am, 10 January 2024, ZANET Synergy Version:



LEGEND:

CONCRETE FOOTPATH/VEHICLE CROSSING

BERM

TACTILE PAVER

EXTENT OF WORKS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS BUILT PLAN CERTIFICATION

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 - FOR ALL OTHER ASSETS +/-20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED:

.....

LICENSED CADASTRAL SURVEYOR

NAME: ZANE DAVID THOMPSON DATE: 10/01/2024

Kāinga Ora
Homes and Communities

LEAD ALLIANCE
Laying the Groundwork

1	FOR AS-BUILT	ZT	10.01.2024
REVISION DETAILS		BY	DATE

PROJECT:

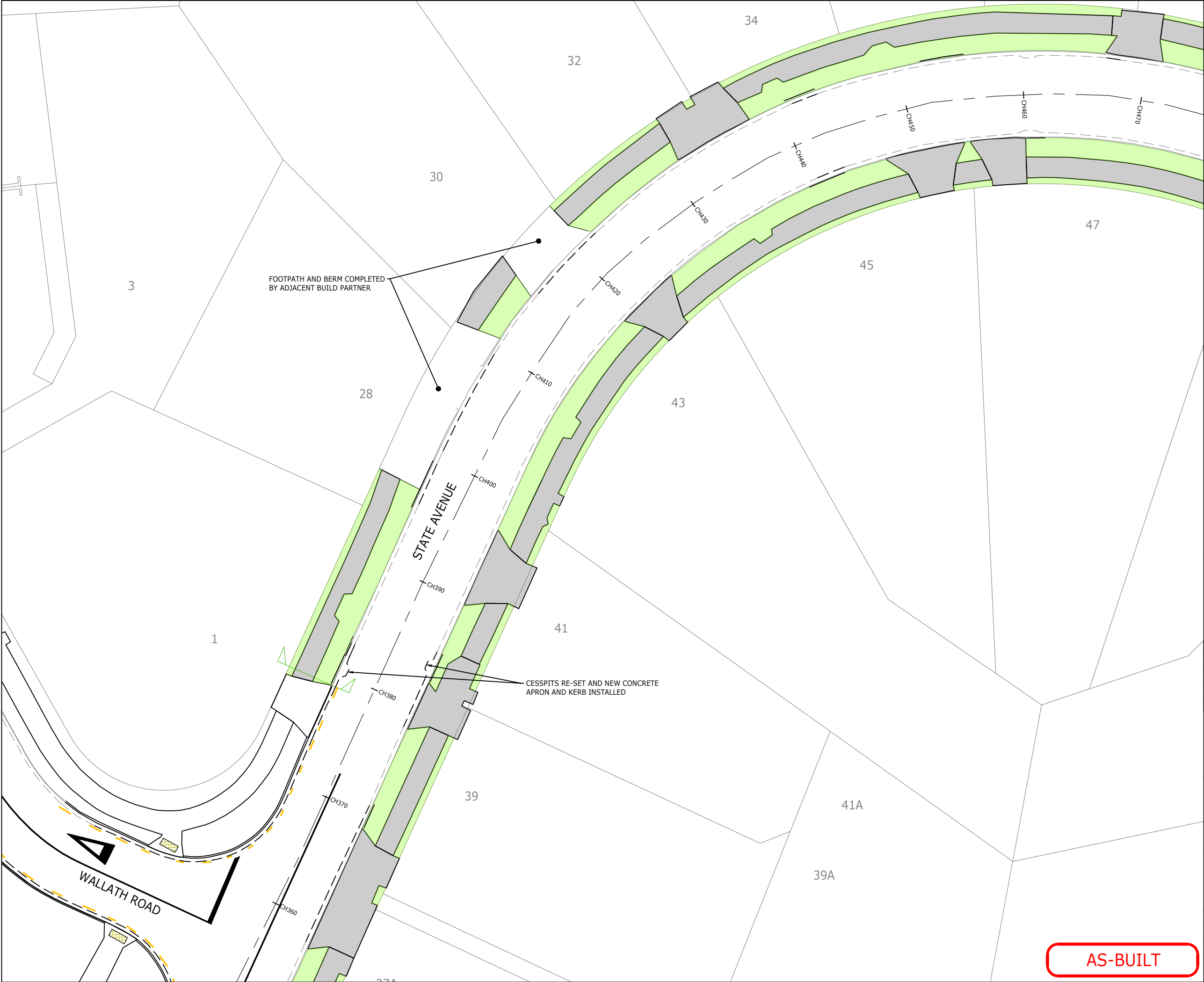
ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:

STATE AVENUE
ROADING AS-BUILT PLAN
SHEET 4 OF 8

	SURVEYED	BM/JB	14.11.2023
	DESIGNED	-	-
	DRAWN	ZT	08.01.2024
	CHECKED	CA	08.01.2024
	APPROVED	ZT	08.01.2024
SCALE	1:150 @A1	1:300 @A3	REVISION
STATUS	EACC APPROVAL		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB115		

AS-BUILT



LEGEND:

CONCRETE FOOTPATH/VEHICLE CROSSING

BERM

TACTILE PAVER

EXTENT OF WORKS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS BUILT PLAN CERTIFICATION

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- THE LEVELS (Z) ARE IN TERMS OF THE AUCKLAND 1946 (MSL) LINZ DATUM (DOSLI DATUM), AND ARE WITHIN THE FOLLOWING TOLERANCES:
 - FOR ALL PIPE INVERTS & ROADSIDE CHANNELS TO BE WITHIN +/- 10mm (LOCAL CIRCUIT IE. INTERNAL/RELATIVE CONSISTENCY REQUIRED ONLY).
 - FOR ALL OTHER ASSETS +/-20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED:

.....

LICENSED CADASTRAL SURVEYOR

NAME: ZANE DAVID THOMPSON DATE: 10/01/2024

Kāinga Ora
Homes and Communities

LEAD ALLIANCE
Laying the Groundwork

1	FOR AS-BUILT	ZT	10.01.2024
REVISION DETAILS		BY	DATE

PROJECT:

ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:

STATE AVENUE
ROADING AS-BUILT PLAN
SHEET 5 OF 8

	SURVEYED	BM/JB	14.11.2023
	DESIGNED	-	-
	DRAWN	ZT	08.01.2024
	CHECKED	CA	08.01.2024
	APPROVED	ZT	08.01.2024

SCALE	1:150 @A1	1:300 @A3	REVISION
STATUS	EACC APPROVAL		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB116		

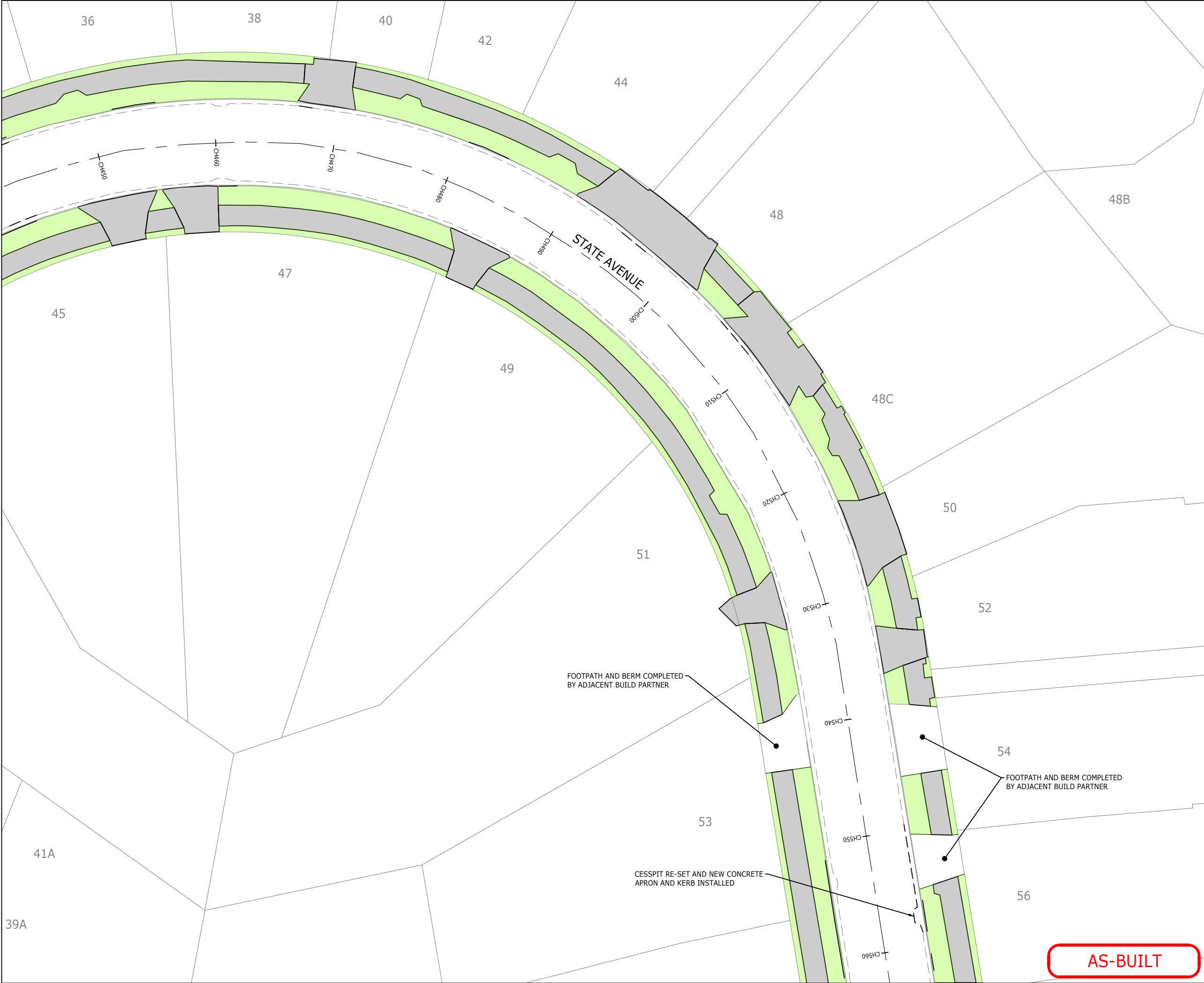
AS-BUILT

0 3 7.5 15 SCALE (m) 1:150 @A1 1:300 @A3

File: C:\12DSYNERGY\DATA\SYNERGYSERVER\DIO041-BERM AND UTILITIES UPGRADE - TOC27_160\08 SURVEY\CAD\DIO041-AB111-AB119.DWG

Plot Date: 9:44:39 am,10 January 2024, ZANET

Synergy Version:



LEGEND:

CONCRETE FOOTPATH/VEHICLE CROSSING

BERM

TACTILE PAVER

EXTENT OF WORKS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS BUILT PLAN 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 AUCKLAND 1946 (MSL) LINZ DATUM (DOSLI DATUM), AND ARE WITHIN THE FOLLOWING TOLERANCES:
 - FOR ALL PIPE INVERTS & ROADSIDE CHANNELS TO BE WITHIN +/- 10mm (LOCAL CIRCUIT IE. INTERNAL/RELATIVE CONSISTENCY REQUIRED ONLY).
 - FOR ALL OTHER ASSETS +/-20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED:

LICENSED CADASTRAL SURVEYOR

NAME: ZANE DAVID THOMPSON DATE: 10/01/2024




1	FOR AS-BUILT	ZT	10.01.2024
REVISION DETAILS		BY	DATE

PROJECT:

ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:

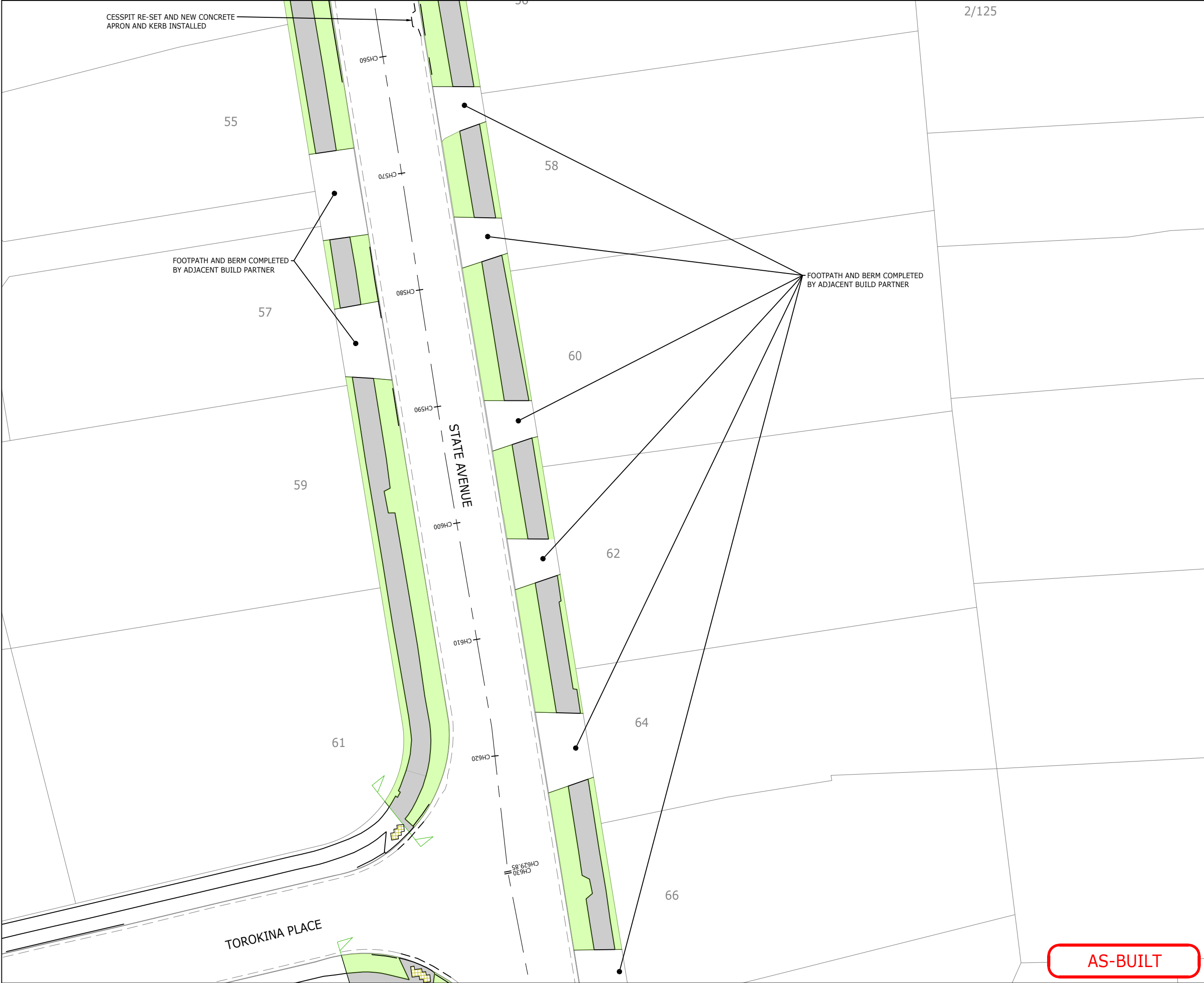
STATE AVENUE
ROADING AS-BUILT PLAN
SHEET 6 OF 8

	SURVEYED	BM/JB	14.11.2023
	DESIGNED	-	-
	DRAWN	ZT	08.01.2024
	CHECKED	CA	08.01.2024
	APPROVED	ZT	08.01.2024
SCALE	1:150 @A1	1:300 @A3	REVISION
STATUS	EACC APPROVAL		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB117		

AS-BUILT

Plot Date: 9:44:39 am, 10 January 2024, ZANET

File: C:\12DSYNERGY\DATA\SYNERGYSERVER\DIO041-BERM AND UTILITIES UPGRADE - TOC27_160\08 SURVEY\CAD\DIO041-AB111-AB119.DWG



LEGEND:

CONCRETE FOOTPATH/VEHICLE CROSSING

BERM

TACTILE PAVER

EXTENT OF WORKS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS BUILT PLAN 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.
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 - FOR ALL OTHER ASSETS +/-20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED:

.....

LICENSED CADASTRAL SURVEYOR

NAME: ZANE DAVID THOMPSON DATE: 10/01/2024

Kāinga Ora
Homes and Communities

LEAD
ALLIANCE
Laying the Groundwork

1	FOR AS-BUILT	ZT	10.01.2024
REVISION DETAILS		BY	DATE

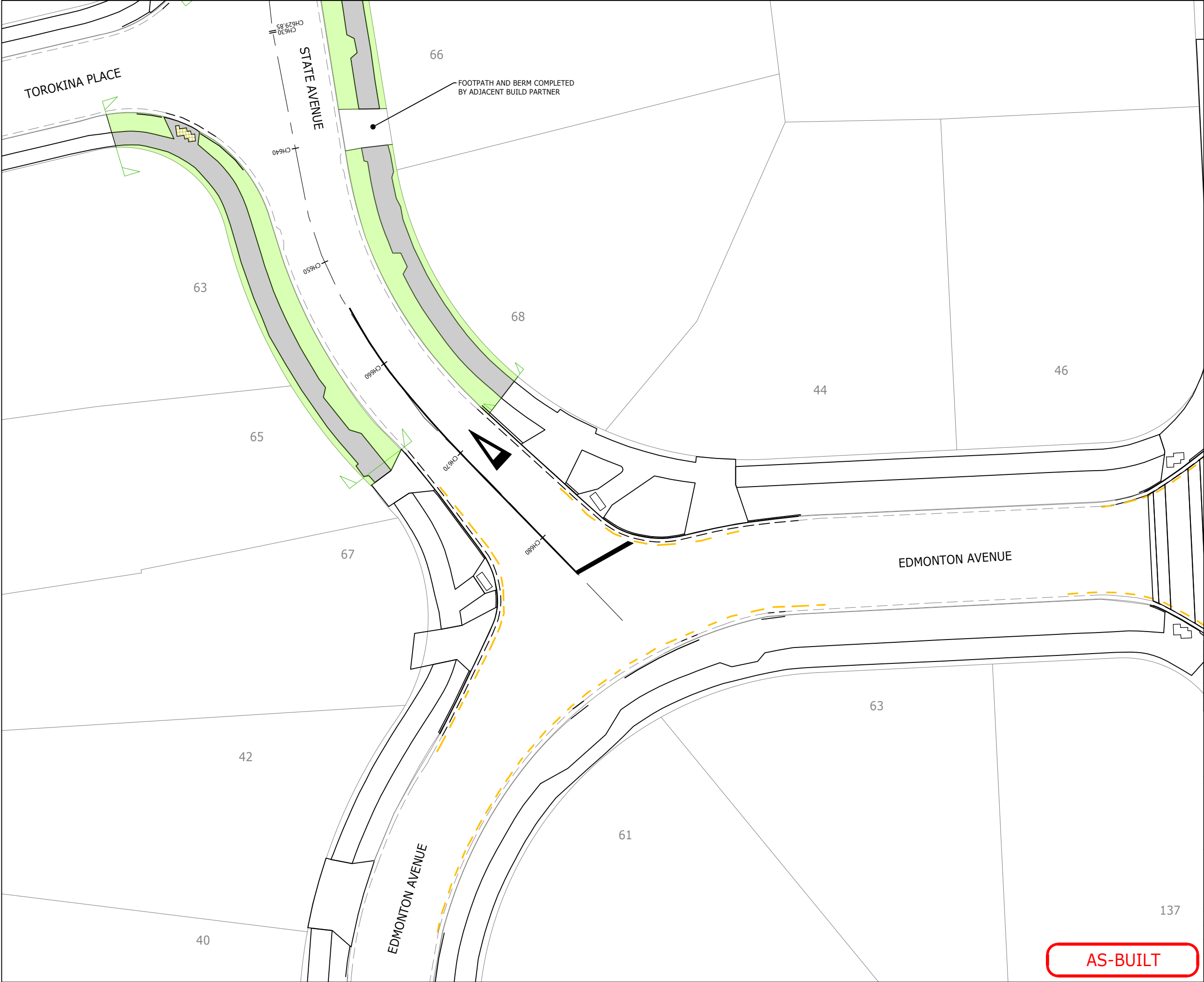
PROJECT:

ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:

STATE AVENUE
ROADING AS-BUILT PLAN
SHEET 7 OF 8

	SURVEYED	BM/JB	14.11.2023
	DESIGNED	-	-
	DRAWN	ZT	08.01.2024
	CHECKED	CA	08.01.2024
	APPROVED	ZT	08.01.2024
SCALE	1:150 @A1	1:300 @A3	REVISION
STATUS	EACC APPROVAL		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB118		



LEGEND:

- CONCRETE FOOTPATH/VEHICLE CROSSING
- BERM
- TACTILE PAVER
- EXTENT OF WORKS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314

EACC AS BUILT PLAN 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 AUCKLAND 1946 (MSL) LINZ DATUM (DOSLI DATUM), AND ARE WITHIN THE FOLLOWING TOLERANCES:
 - FOR ALL PIPE INVERTS & ROADSIDE CHANNELS TO BE WITHIN +/- 10mm (LOCAL CIRCUIT IE. INTERNAL/RELATIVE CONSISTENCY REQUIRED ONLY).
 - FOR ALL OTHER ASSETS +/-20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED:


LICENSED CADASTRAL SURVEYOR
NAME: ZANE DAVID THOMPSON DATE: 10/01/2024

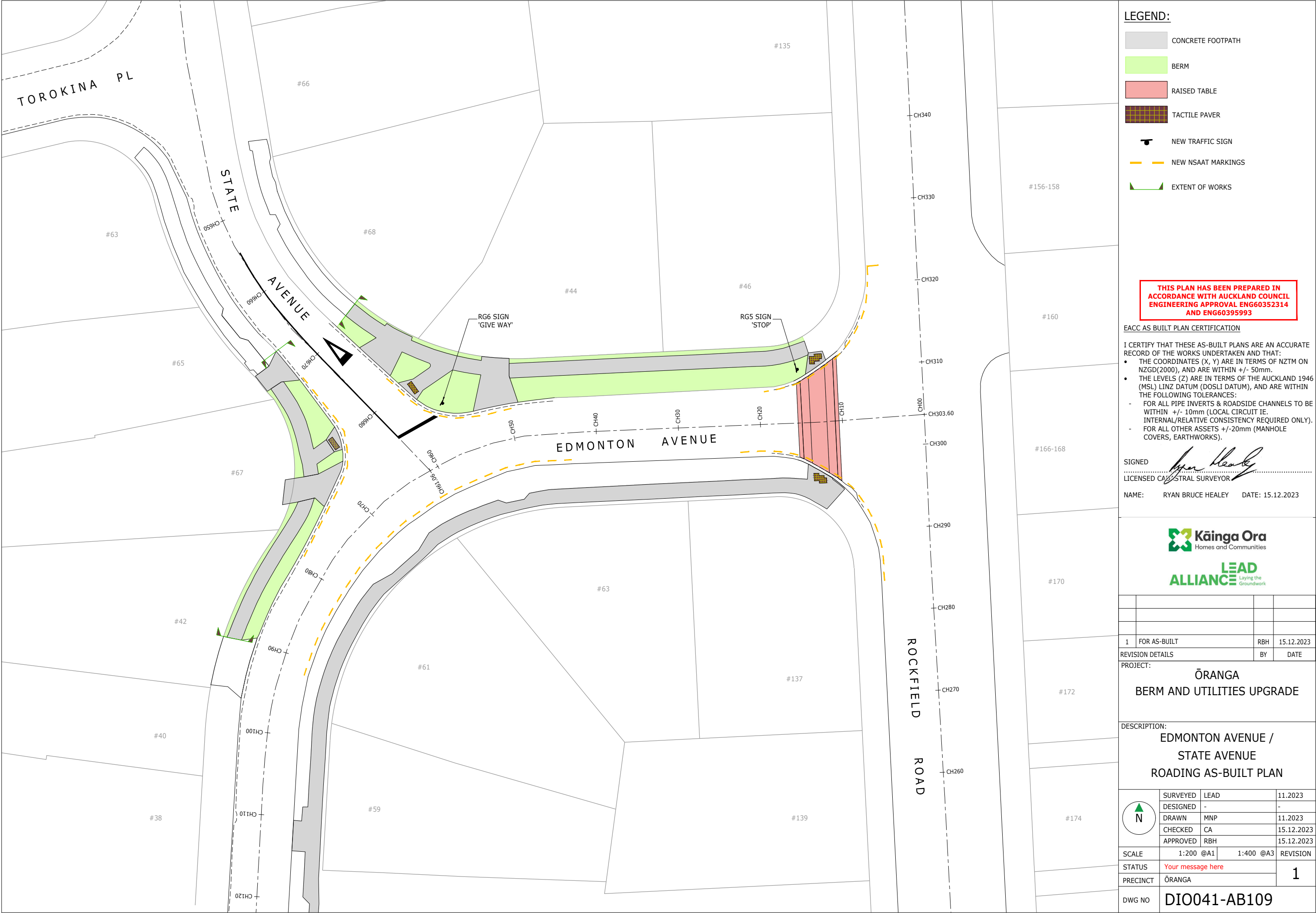


1	FOR AS-BUILT	ZT	10.01.2024
REVISION DETAILS		BY	DATE

PROJECT:
**ŌRANGA
BERM AND UTILITIES UPGRADE**

DESCRIPTION:
**STATE AVENUE
ROADING AS-BUILT PLAN
SHEET 8 OF 8**

	SURVEYED	BM/JB	14.11.2023
	DESIGNED	-	-
	DRAWN	ZT	08.01.2024
	CHECKED	CA	08.01.2024
	APPROVED	ZT	08.01.2024
SCALE	1:150 @A1	1:300 @A3	REVISION
STATUS	EACC APPROVAL		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB119		



LEGEND:


- CONCRETE FOOTPATH
- BERM
- RAISED TABLE
- TACTILE PAVER
- NEW TRAFFIC SIGN
- NEW NSAAT MARKINGS
- EXTENT OF WORKS

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60352314 AND ENG60395993

EACC AS BUILT PLAN 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.
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 - FOR ALL PIPE INVERTS & ROADSIDE CHANNELS TO BE WITHIN +/- 10mm (LOCAL CIRCUIT IE. INTERNAL/RELATIVE CONSISTENCY REQUIRED ONLY).
 - FOR ALL OTHER ASSETS +/-20mm (MANHOLE COVERS, EARTHWORKS).

SIGNED 
LICENSED CATHOLIC SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 15.12.2023



1	FOR AS-BUILT	RBH	15.12.2023
REVISION DETAILS		BY	DATE
PROJECT:			
ÖRANGA			
BERM AND UTILITIES UPGRADE			
DESCRIPTION:			
EDMONTON AVENUE /			
STATE AVENUE			
ROADING AS-BUILT PLAN			
	SURVEYED	LEAD	11.2023
	DESIGNED	-	-
	DRAWN	MNP	11.2023
	CHECKED	CA	15.12.2023
	APPROVED	RBH	15.12.2023
SCALE	1:200 @A1	1:400 @A3	REVISION
STATUS	Your message here		1
PRECINCT	ÖRANGA		
DWG NO	DIO041-AB109		

0 4 10 20 SCALE (m) 1:200 @A1 1:400 @A3