

LEGEND:

CONCRETE

RAISED TABLE/SPEED HUMP

TACTILE PAVER

PLANTING MIX
LIBERTIA GRANDIFLORA - NZ IRIS

NEW WHITE ROAD MARKING

NEW YELLOW ROAD MARKING

NEW NSAAT MARKING

EXISTING ROAD MARKING

PW-30: PEDESTRIAN CROSSING SIGN

PW-39: SPEED HUMP SIGN

RG-17: KEEP LEFT SIGN

RG-5: PRIORITY STOP SIGN

RG-6: GIVE WAY SIGN

EXISTING SIGN

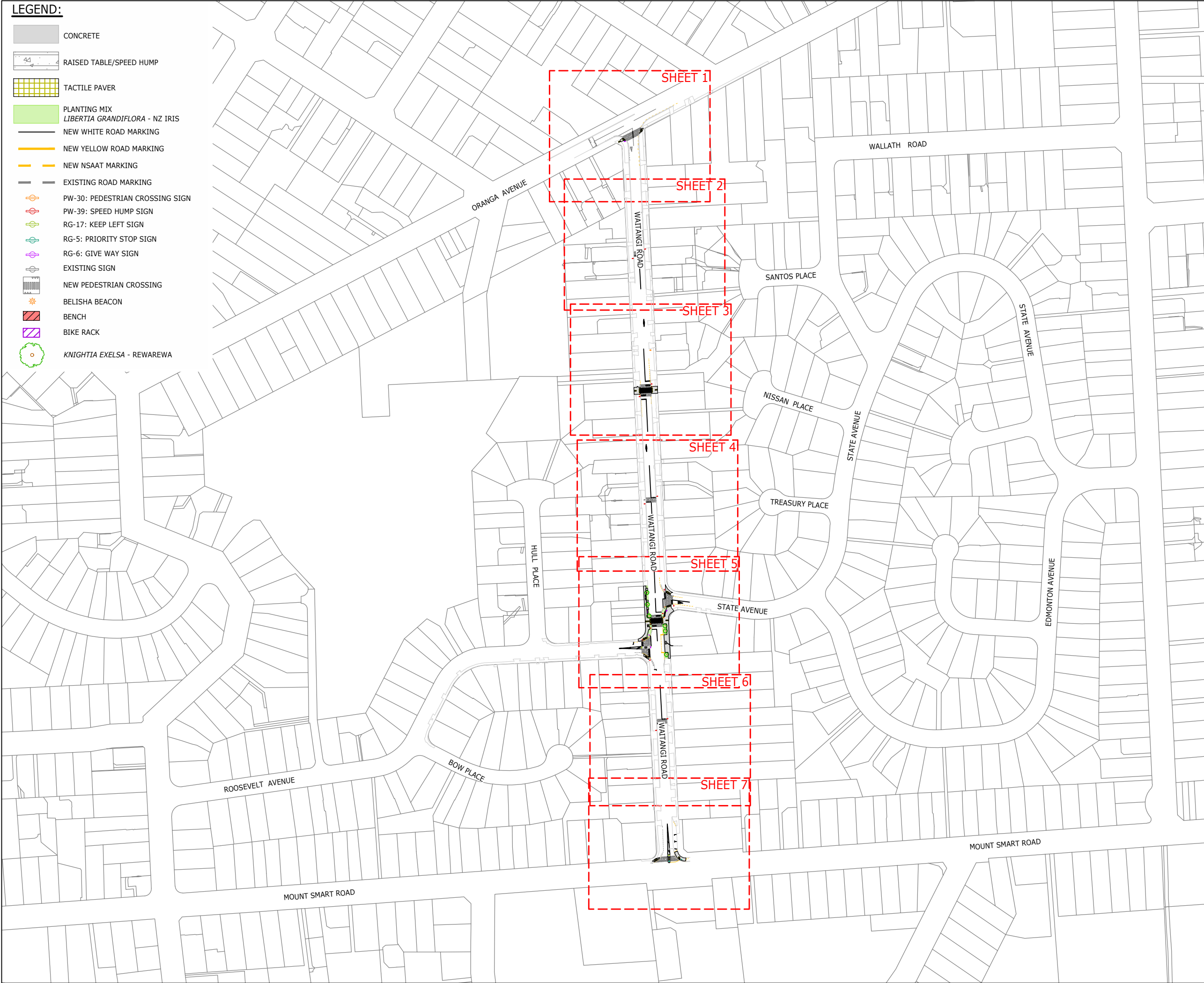
NEW PEDESTRIAN CROSSING

BELISHA BEACON

BENCH

BIKE RACK

KNIGHTIA EXELSA - REWAREWA



THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60373605

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 CA¹STRAL SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 15.02.2024

Kāinga Ora
Homes and Communities

LEAD
ALLIANCE
Laying the Groundwork

1	FOR AS-BUILT	RBH	15.02.2024
REVISION DETAILS		BY	DATE
PROJECT: ŌRANGA BERM AND UTILITIES UPGRADE			
DESCRIPTION: WAITANGI ROAD TRAFFIC CALMING OVERALL PLAN			
<div><div>N</div></div>	SURVEYED	LEAD	01.2024
	DESIGNED	-	-
	DRAWN	CEA	02.2024
	CHECKED	CA	15.02.2024
	APPROVED	RBH	15.02.2024
SCALE	1:1500 @A1	1:3000 @A3	REVISION
STATUS	AS BUILT ISSUE		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB180		

Plot Date: 2:48:12 pm,16 February 2024, COLE ATINUU

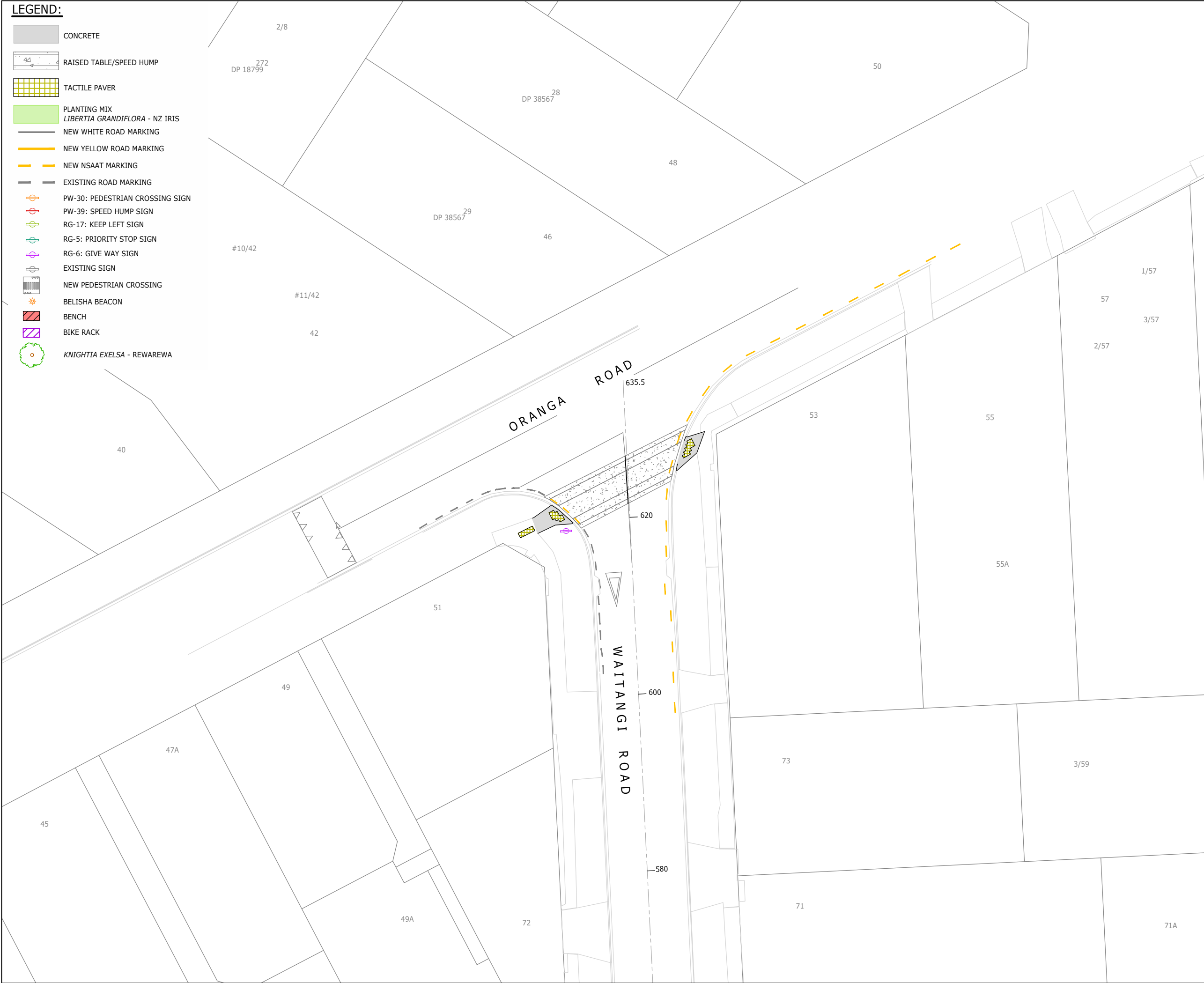
Synergy Version:

0 30 75 150 SCALE (m) 1:1500 @A1 1:3000 @A3

File: C:\12DS\DATA\SYNERGYSERVER\DI0041-BERM AND UTILITIES UPGRADE - TOC27_160\08 SURVEY\CAD\DI0041-AB180-AB187.DWG

LEGEND:

- CONCRETE
- RAISED TABLE/SPEED HUMP
- TACTILE PAVER
- PLANTING MIX
LIBERTIA GRANDIFLORA - NZ IRIS
- NEW WHITE ROAD MARKING
- NEW YELLOW ROAD MARKING
- NEW NSAAT MARKING
- EXISTING ROAD MARKING
- PW-30: PEDESTRIAN CROSSING SIGN
- PW-39: SPEED HUMP SIGN
- RG-17: KEEP LEFT SIGN
- RG-5: PRIORITY STOP SIGN
- RG-6: GIVE WAY SIGN
- EXISTING SIGN
- NEW PEDESTRIAN CROSSING
- BELISHA BEACON
- BENCH
- BIKE RACK
- KNIGHTIA EXELSA - REWAREWA



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ACCORDANCE WITH AUCKLAND COUNCIL
ENGINEERING APPROVAL ENG60373605

EACC AS BUILT PLAN CERTIFICATION

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

SIGNED 
LICENSED CA/STRAL SURVEYOR


NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



1	FOR AS-BUILT	RBH	15.02.2024
REVISION DETAILS		BY	DATE

PROJECT: **ŌRANGA
BERM AND UTILITIES UPGRADE**

DESCRIPTION: **WAITANGI ROAD
TRAFFIC CALMING AS-BUILT PLAN
SHEET 1**

	SURVEYED	LEAD	01.2024
	DESIGNED	-	-
	DRAWN	CEA	02.2024
	CHECKED	CA	15.02.2024
	APPROVED	RBH	15.02.2024
SCALE	1:200 @A1	1:400 @A3	REVISION
STATUS	AS BUILT ISSUE		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB181		

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

LEGEND:

- CONCRETE
- RAISED TABLE/SPEED HUMP
- TACTILE PAVER
- PLANTING MIX
LIBERTIA GRANDIFLORA - NZ IRIS
- NEW WHITE ROAD MARKING
- NEW YELLOW ROAD MARKING
- NEW NSAAT MARKING
- EXISTING ROAD MARKING
- PW-30: PEDESTRIAN CROSSING SIGN
- PW-39: SPEED HUMP SIGN
- RG-17: KEEP LEFT SIGN
- RG-5: PRIORITY STOP SIGN
- RG-6: GIVE WAY SIGN
- EXISTING SIGN
- NEW PEDESTRIAN CROSSING
- BELISHA BEACON
- BENCH
- BIKE RACK
- KNIGHTIA EXELSA - REWAREWA

NOTE:

1. REFER TO DIO041-AB180 FOR LEGEND.

THIS PLAN HAS BEEN PREPARED IN
ACCORDANCE WITH AUCKLAND COUNCIL
ENGINEERING APPROVAL ENG60373605

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

SIGNED
LICENSED CA


NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



1	FOR AS-BUILT	RBH	15.02.2024
REVISION DETAILS		BY	DATE

PROJECT:
ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:
WAITANGI ROAD
TRAFFIC CALMING AS-BUILT PLAN
SHEET 2

	SURVEYED	LEAD	01.2024
	DESIGNED	-	-
	DRAWN	CEA	02.2024
	CHECKED	CA	15.02.2024
	APPROVED	RBH	15.02.2024
SCALE	1:200 @A1	1:400 @A3	REVISION
STATUS	AS BUILT ISSUE		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB182		

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

LEGEND:

- CONCRETE
- RAISED TABLE/SPEED HUMP
- TACTILE PAVER
- PLANTING MIX
LIBERTIA GRANDIFLORA - NZ IRIS
- NEW WHITE ROAD MARKING
- NEW YELLOW ROAD MARKING
- NEW NSAAT MARKING
- EXISTING ROAD MARKING
- PW-30: PEDESTRIAN CROSSING SIGN
- PW-39: SPEED HUMP SIGN
- RG-17: KEEP LEFT SIGN
- RG-5: PRIORITY STOP SIGN
- RG-6: GIVE WAY SIGN
- EXISTING SIGN
- NEW PEDESTRIAN CROSSING
- BELISHA BEACON
- BENCH
- BIKE RACK
- KNIGHTIA EXELSA - REWAREWA

NOTE:

1. REFER TO DIO041-AB180 FOR LEGEND.

THIS PLAN HAS BEEN PREPARED IN
ACCORDANCE WITH AUCKLAND COUNCIL
ENGINEERING APPROVAL ENG60373605

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NZGD(2000), AND ARE WITHIN +/- 50mm.
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(MSL) LINZ DATUM (DOSLI DATUM), AND ARE WITHIN
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 - FOR ALL OTHER ASSETS +/-20mm (MANHOLE
COVERS, EARTHWORKS).

SIGNED
LICENSED CA¹STRAL SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



1	FOR AS-BUILT	RBH	15.02.2024
REVISION DETAILS		BY	DATE

PROJECT:
ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:
WAITANGI ROAD
TRAFFIC CALMING AS-BUILT PLAN
SHEET 3

	SURVEYED	LEAD	01.2024
	DESIGNED	-	-
	DRAWN	CEA	02.2024
	CHECKED	CA	15.02.2024
	APPROVED	RBH	15.02.2024
SCALE	1:200 @A1	1:400 @A3	REVISION
STATUS	AS BUILT ISSUE		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB183		



LEGEND:

- CONCRETE
- RAISED TABLE/SPEED HUMP
- TACTILE PAVER
- PLANTING MIX
LIBERTIA GRANDIFLORA - NZ IRIS
- NEW WHITE ROAD MARKING
- NEW YELLOW ROAD MARKING
- NEW NSAAT MARKING
- EXISTING ROAD MARKING
- PW-30: PEDESTRIAN CROSSING SIGN
- PW-39: SPEED HUMP SIGN
- RG-17: KEEP LEFT SIGN
- RG-5: PRIORITY STOP SIGN
- RG-6: GIVE WAY SIGN
- EXISTING SIGN
- NEW PEDESTRIAN CROSSING
- BELISHA BEACON
- BENCH
- BIKE RACK
- KNIGHTIA EXELSA - REWAREWA

NOTE:

1. REFER TO DIO041-AB180 FOR LEGEND.

THIS PLAN HAS BEEN PREPARED IN
ACCORDANCE WITH AUCKLAND COUNCIL
ENGINEERING APPROVAL ENG60373605

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

SIGNED
LICENSED CA
STRAL SURVEYOR


NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



1	FOR AS-BUILT	RBH	15.02.2024
REVISION DETAILS		BY	DATE

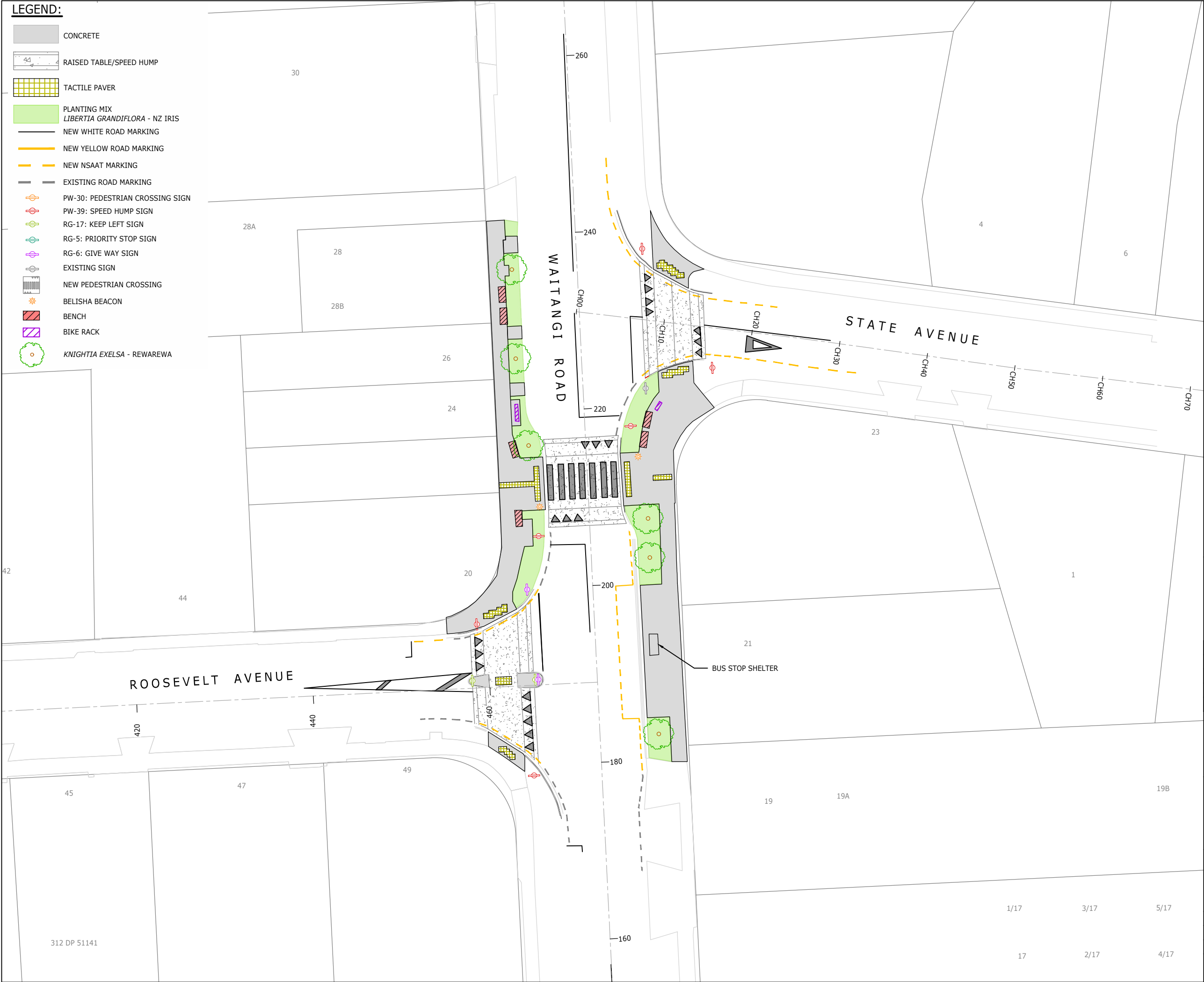
PROJECT:
ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:
WAITANGI ROAD
TRAFFIC CALMING AS-BUILT PLAN
SHEET 4

	SURVEYED	LEAD	01.2024
	DESIGNED	-	-
	DRAWN	CEA	02.2024
	CHECKED	CA	15.02.2024
	APPROVED	RBH	15.02.2024
SCALE	1:200 @A1	1:400 @A3	REVISION
STATUS	AS BUILT ISSUE		1
PRECINCT	ORANGA		
DWG NO	DIO041-AB184		



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



NOTE:

1. REFER TO DIO041-AB180 FOR LEGEND.

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH AUCKLAND COUNCIL ENGINEERING APPROVAL ENG60373605

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SIGNED _____
LICENSED CA/STRAL SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 15.02.2024

Kāinga Ora
Homes and Communities

LEAD ALLIANCE
Laying the Groundwork

1	FOR AS-BUILT	RBH	15.02.2024
REVISION DETAILS		BY	DATE

PROJECT: **ŌRANGA BERM AND UTILITIES UPGRADE**

DESCRIPTION: **WAITANGI ROAD TRAFFIC CALMING AS-BUILT PLAN SHEET 5**

	SURVEYED	LEAD	01.2024
	DESIGNED	-	-
	DRAWN	CEA	02.2024
	CHECKED	CA	15.02.2024
	APPROVED	RBH	15.02.2024

SCALE	1:200 @A1	1:400 @A3	REVISION
STATUS	AS BUILT ISSUE		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB185		

Plot Date: 2:48:14 pm, 16 February 2024, COLE AINUJU

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LEGEND:

- CONCRETE
1.

4d

RAISED TABLE/SPEED HUMP
- TACTILE PAVER
- PLANTING MIX
LIBERTIA GRANDIFLORA - NZ IRIS
- NEW WHITE ROAD MARKING
- NEW YELLOW ROAD MARKING
- NEW NSAAT MARKING
- EXISTING ROAD MARKING
- PW-30: PEDESTRIAN CROSSING SIGN
- PW-39: SPEED HUMP SIGN
- RG-17: KEEP LEFT SIGN
- RG-5: PRIORITY STOP SIGN
- RG-6: GIVE WAY SIGN
- EXISTING SIGN
- NEW PEDESTRIAN CROSSING
- BELISHA BEACON
- BENCH
- BIKE RACK
- KNIGHTIA EXELSA - REWAREWA

NOTE:

1. REFER TO DIO041-AB180 FOR LEGEND.

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ENGINEERING APPROVAL ENG60373605

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SIGNED
.....
LICENSED CA
STRAL SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 15.02.2024

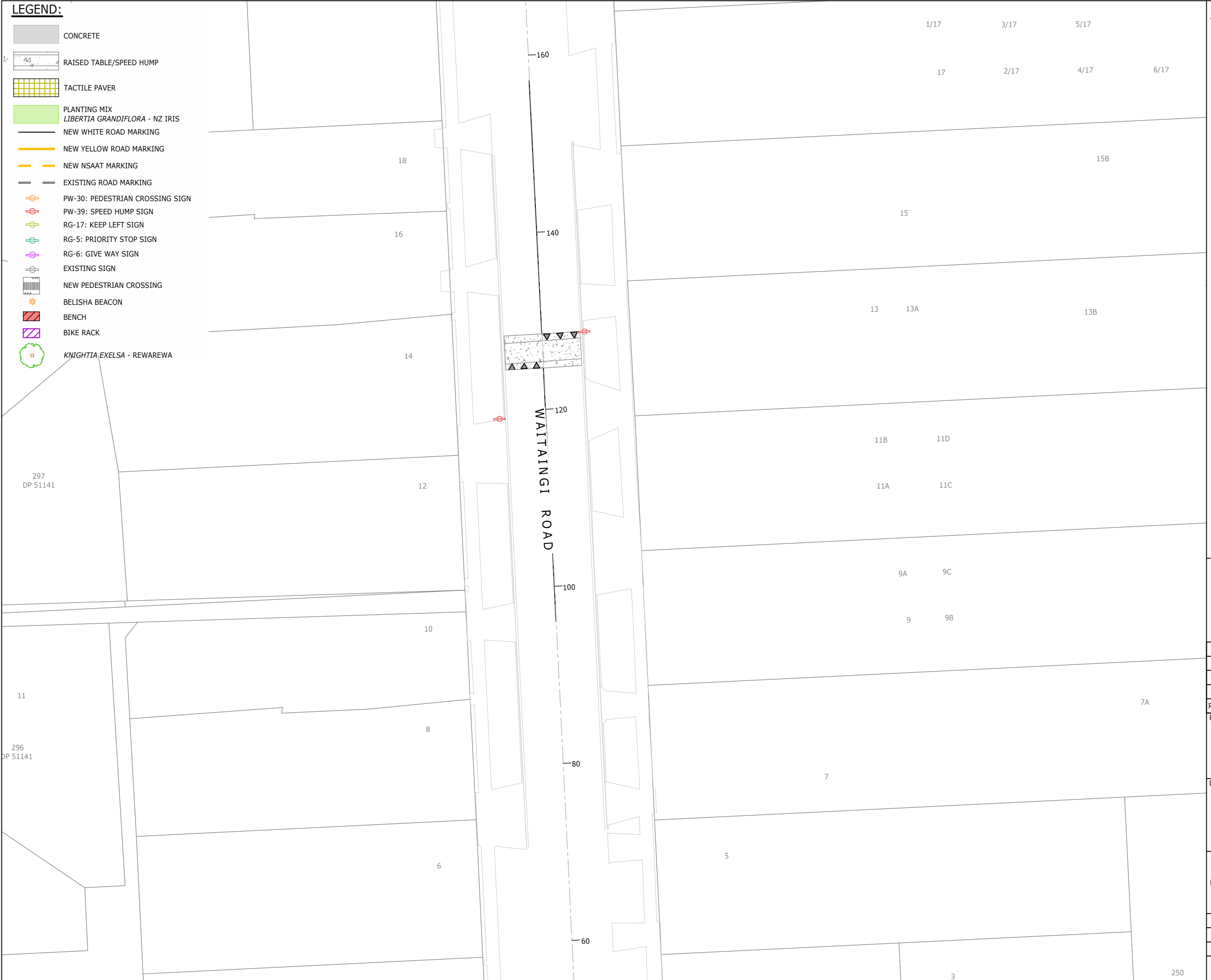


1	FOR AS-BUILT	RBH	15.02.2024
REVISION DETAILS		BY	DATE

PROJECT:
**ŌRANGA
BERM AND UTILITIES UPGRADE**

DESCRIPTION:
**WAITANGI ROAD
TRAFFIC CALMING AS-BUILT PLAN
SHEET 6**

<div><div></div><div>N</div></div>	SURVEYED	LEAD	01.2024
	DESIGNED	-	-
	DRAWN	CEA	02.2024
	CHECKED	CA	15.02.2024
	APPROVED	RBH	15.02.2024
SCALE	1:200 @A1	1:400 @A3	REVISION
STATUS	AS BUILT ISSUE		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB186		



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

LEGEND:

- CONCRETE
- RAISED TABLE/SPEED HUMP
- TACTILE PAVER
- PLANTING MIX
LIBERTIA GRANDIFLORA - NZ IRIS
- NEW WHITE ROAD MARKING
- NEW YELLOW ROAD MARKING
- NEW NSAAT MARKING
- EXISTING ROAD MARKING
- PW-30: PEDESTRIAN CROSSING SIGN
- PW-39: SPEED HUMP SIGN
- RG-17: KEEP LEFT SIGN
- RG-5: PRIORITY STOP SIGN
- RG-6: GIVE WAY SIGN
- EXISTING SIGN
- NEW PEDESTRIAN CROSSING
- BELISHA BEACON
- BENCH
- BIKE RACK
- KNIGHTIA EXELSA - REWAREWA

NOTE:

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

SIGNED
LICENSED CA¹STRAL SURVEYOR


NAME: RYAN BRUCE HEALEY DATE: 15.02.2024

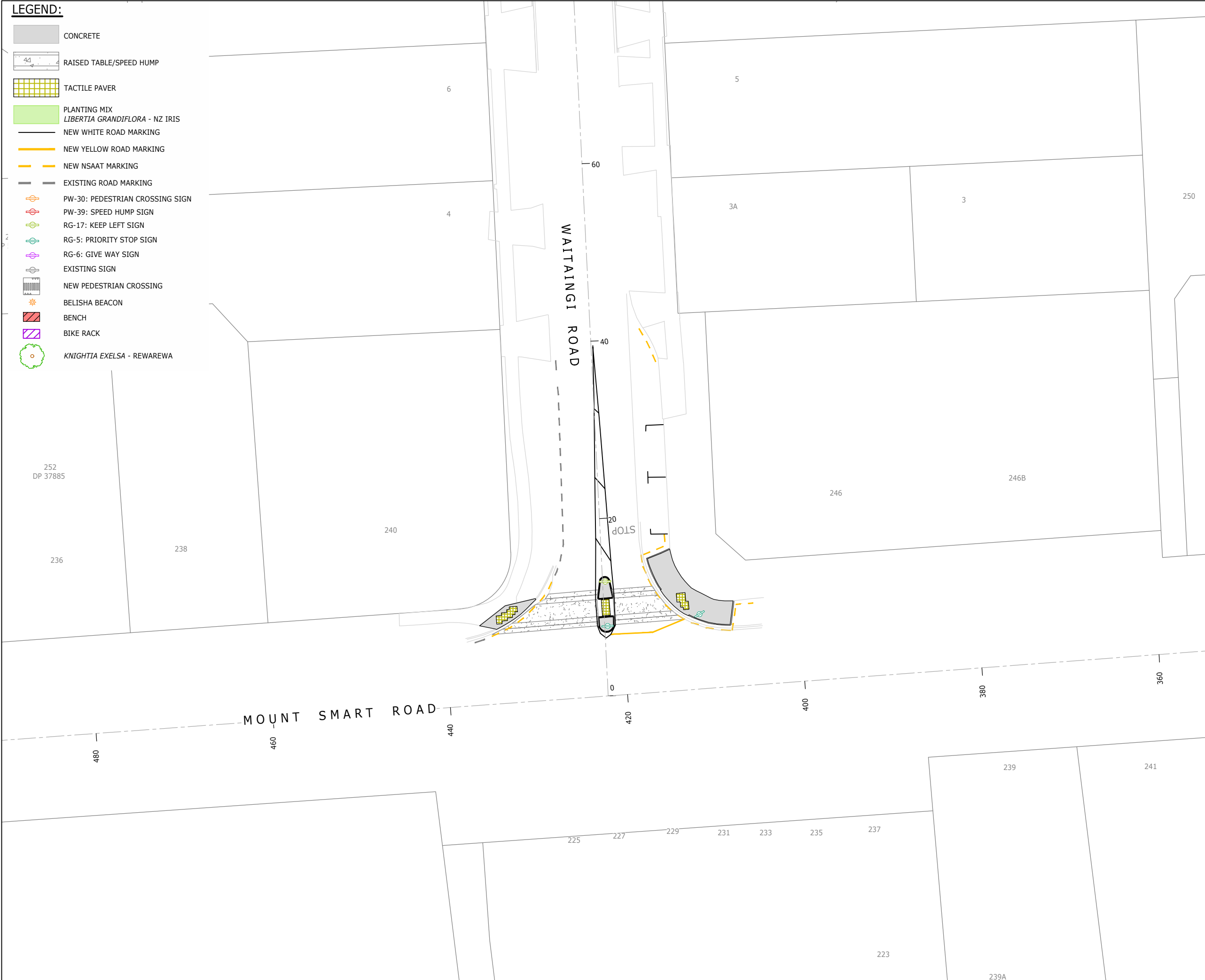


1	FOR AS-BUILT	RBH	15.02.2024
REVISION DETAILS		BY	DATE

PROJECT:
ŌRANGA
BERM AND UTILITIES UPGRADE

DESCRIPTION:
WAITANGI ROAD
TRAFFIC CALMING AS-BUILT PLAN
SHEET 7

	SURVEYED	LEAD	01.2024
	DESIGNED	-	-
	DRAWN	CEA	02.2024
	CHECKED	CA	15.02.2024
	APPROVED	RBH	15.02.2024
SCALE	1:200 @A1	1:400 @A3	REVISION
STATUS	AS BUILT ISSUE		1
PRECINCT	ŌRANGA		
DWG NO	DIO041-AB187		



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