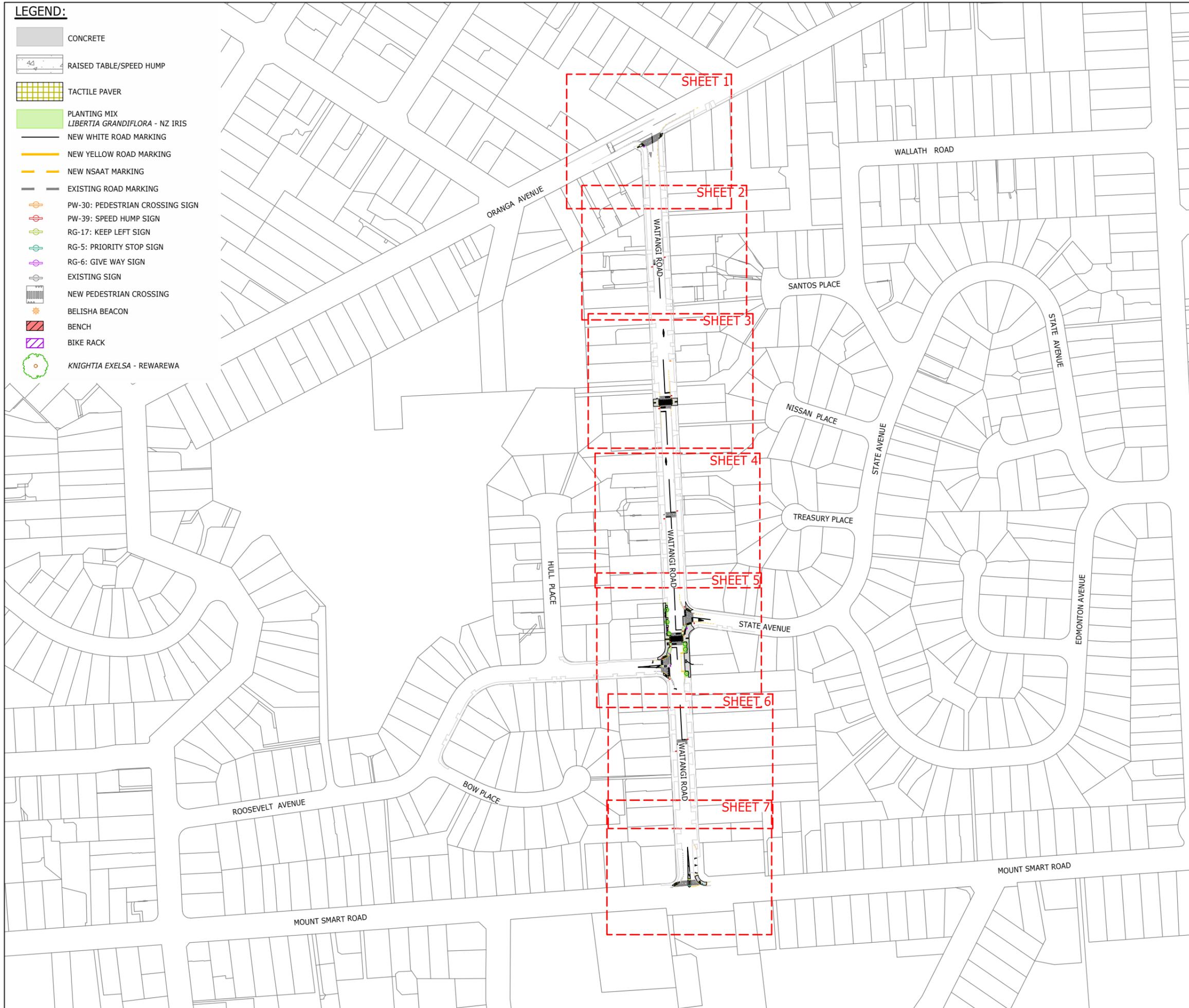


**LEGEND:**

-  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 CAUSTRAL SURVEYOR  
 NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



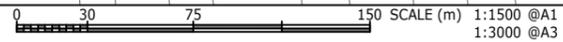
1	FOR AS-BUILT	RBH	15.02.2024
REVISION DETAILS		BY	DATE

PROJECT: **ŌRANGA BERM AND UTILITIES UPGRADE**

DESCRIPTION: **WAITANGI ROAD TRAFFIC CALMING OVERALL PLAN**

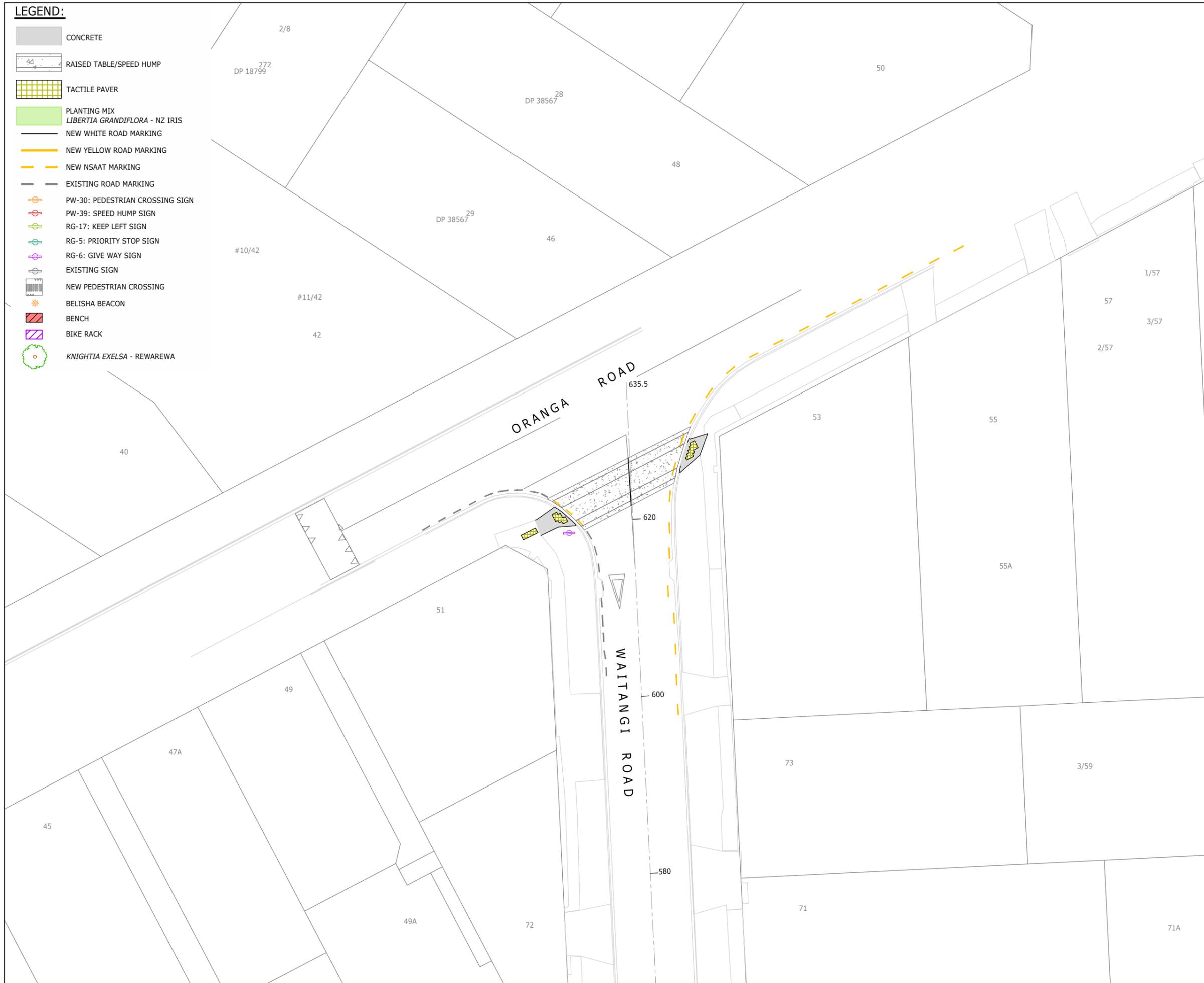
	SURVEYED	LEAD	01.2024
	DESIGNED	-	-
	DRAWN	CEA	02.2024
	CHECKED	CA	15.02.2024
	APPROVED	RBH	15.02.2024

SCALE	1:1500 @A1	1:3000 @A3	REVISION
STATUS	<b>AS BUILT ISSUE</b>		1
PRECINCT	ŌRANGA		
DWG NO	<b>DIO041-AB180</b>		



**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 CAUSTRAL 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	<b>AS BUILT ISSUE</b>		<b>1</b>
PRECINCT	ŌRANGA		
DWG NO	<b>DIO041-AB181</b>		

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

**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 CAUSTRAL SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



NO	REVISION DETAILS	BY	DATE
1	FOR AS-BUILT	RBH	15.02.2024

PROJECT: **ŌRANGA BERM AND UTILITIES UPGRADE**

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

STATUS	DESIGNED	LEAD	DATE
			01.2024
			-
			02.2024
			15.02.2024
			15.02.2024

SCALE	1:200 @A1	1:400 @A3	REVISION
STATUS	<b>AS BUILT ISSUE</b>		<b>1</b>
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**

**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 CAUSTRAL SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



NO	REVISION DETAILS	BY	DATE
1	FOR AS-BUILT	RBH	15.02.2024

PROJECT: **ŌRANGA BERM AND UTILITIES UPGRADE**

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

STATUS	DESIGNED	LEAD	DATE
	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	<b>AS BUILT ISSUE</b>		<b>1</b>
PRECINCT	ŌRANGA		
DWG NO	<b>DIO041-AB183</b>		



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

Plot Date: 2:48:13 pm, 16 February 2024, COLE A1NUU Synergy Version:

**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

**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   
 LICENSED CAUSTRAL SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



NO	REVISION DETAILS	BY	DATE
1	FOR AS-BUILT	RBH	15.02.2024

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 ŌRANGA

DWG NO **DIO041-AB184**

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**

**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 CAUSTRAL SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



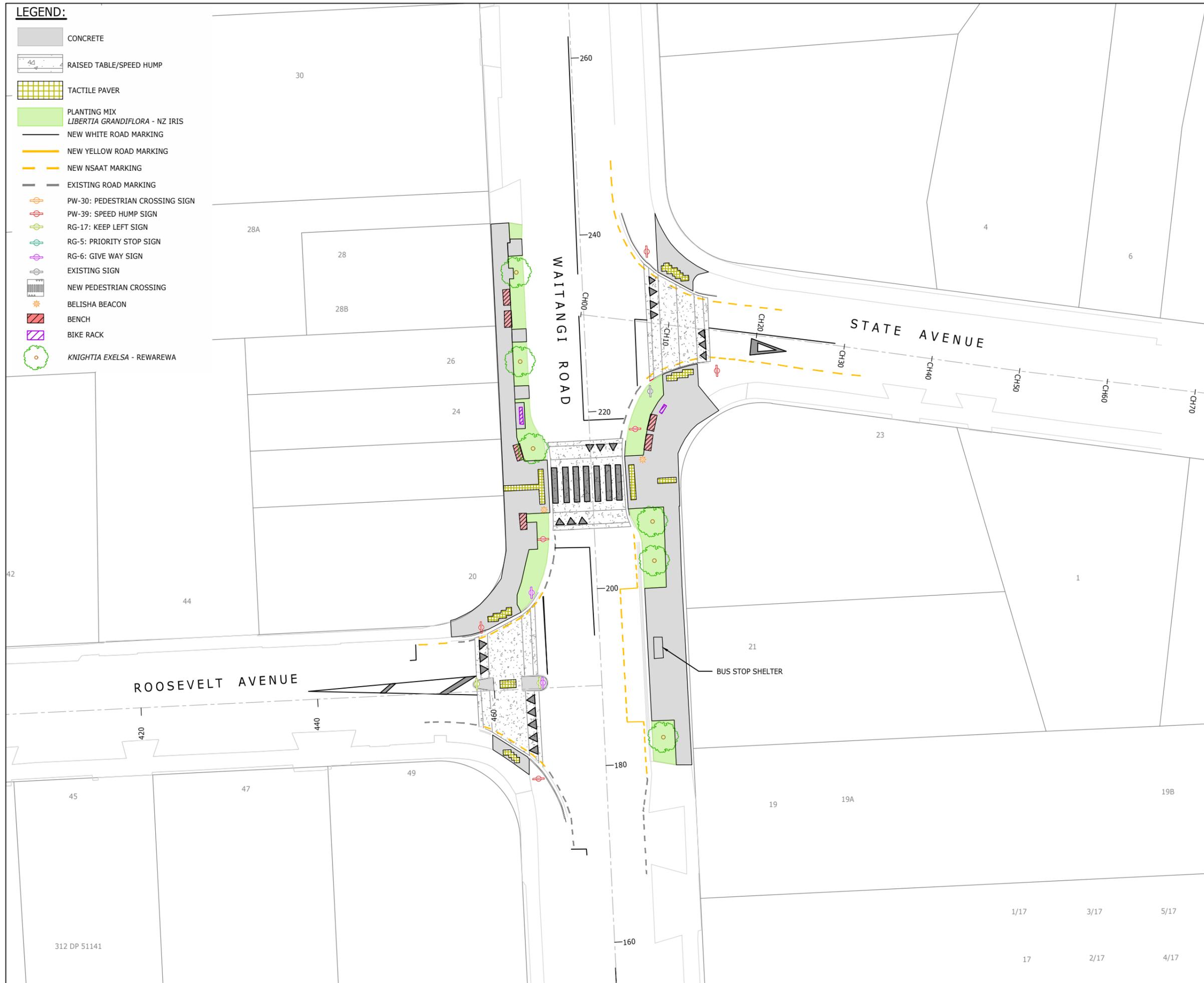
1	FOR AS-BUILT	RBH	15.02.2024
REVISION DETAILS		BY	DATE

PROJECT: **ŌRANGA BERM AND UTILITIES UPGRADE**

DESCRIPTION: **WAITANGI ROAD TRAFFIC CALMING AS-BUILT PLAN SHEET 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	<b>AS BUILT ISSUE</b>		<b>1</b>
PRECINCT	ŌRANGA		
DWG NO	<b>DIO041-AB185</b>		

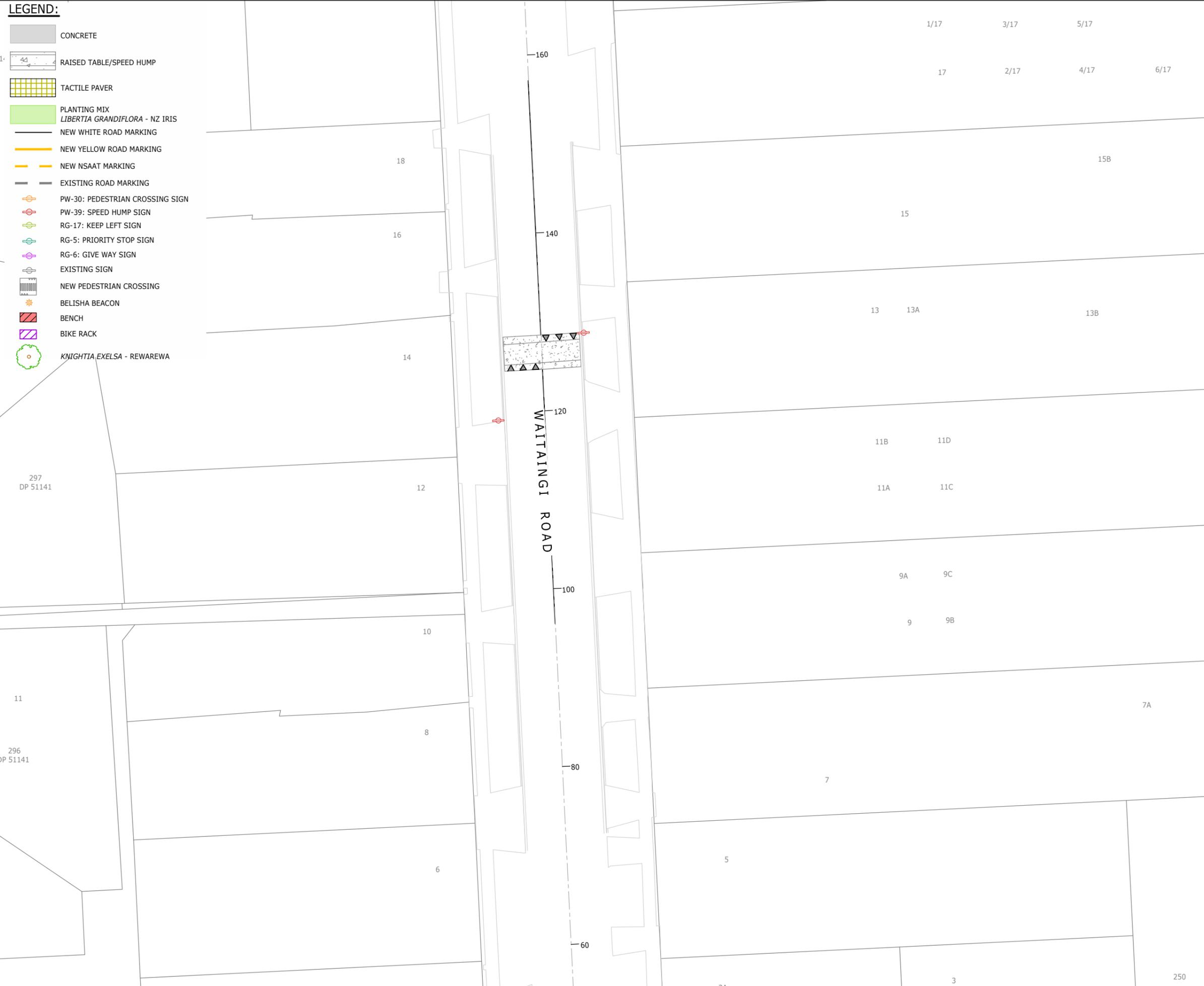


0 4 10 20 SCALE (m) 1:200 @A1 1:400 @A3

Plot Date: 2:48:14 pm, 16 February 2024, COLE ATNUU Synergy Version:

**LEGEND:**

-  CONCRETE
-  RAISED TABLE/SPEED HUMPH
-  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 HUMPH 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:**

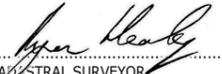
1. REFER TO DIO041-AB180 FOR LEGEND.

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

**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   
 LICENSED CASTRAL SURVEYOR

NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



NO	REVISION	BY	DATE
1	FOR AS-BUILT	RBH	15.02.2024

**PROJECT:**  
 ŌRANGA  
 BERM AND UTILITIES UPGRADE

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

	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:**

1. REFER TO DIO041-AB180 FOR LEGEND.

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 CAUSTRAL SURVEYOR  
 NAME: RYAN BRUCE HEALEY DATE: 15.02.2024



NO	REVISION DETAILS	BY	DATE
1	FOR AS-BUILT	RBH	15.02.2024

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		



SCALE (m) 1:200 @A1  
1:400 @A3

Plot Date: 2:48:15 pm, 16 February 2024, COLE ATNUU Synergy Version: