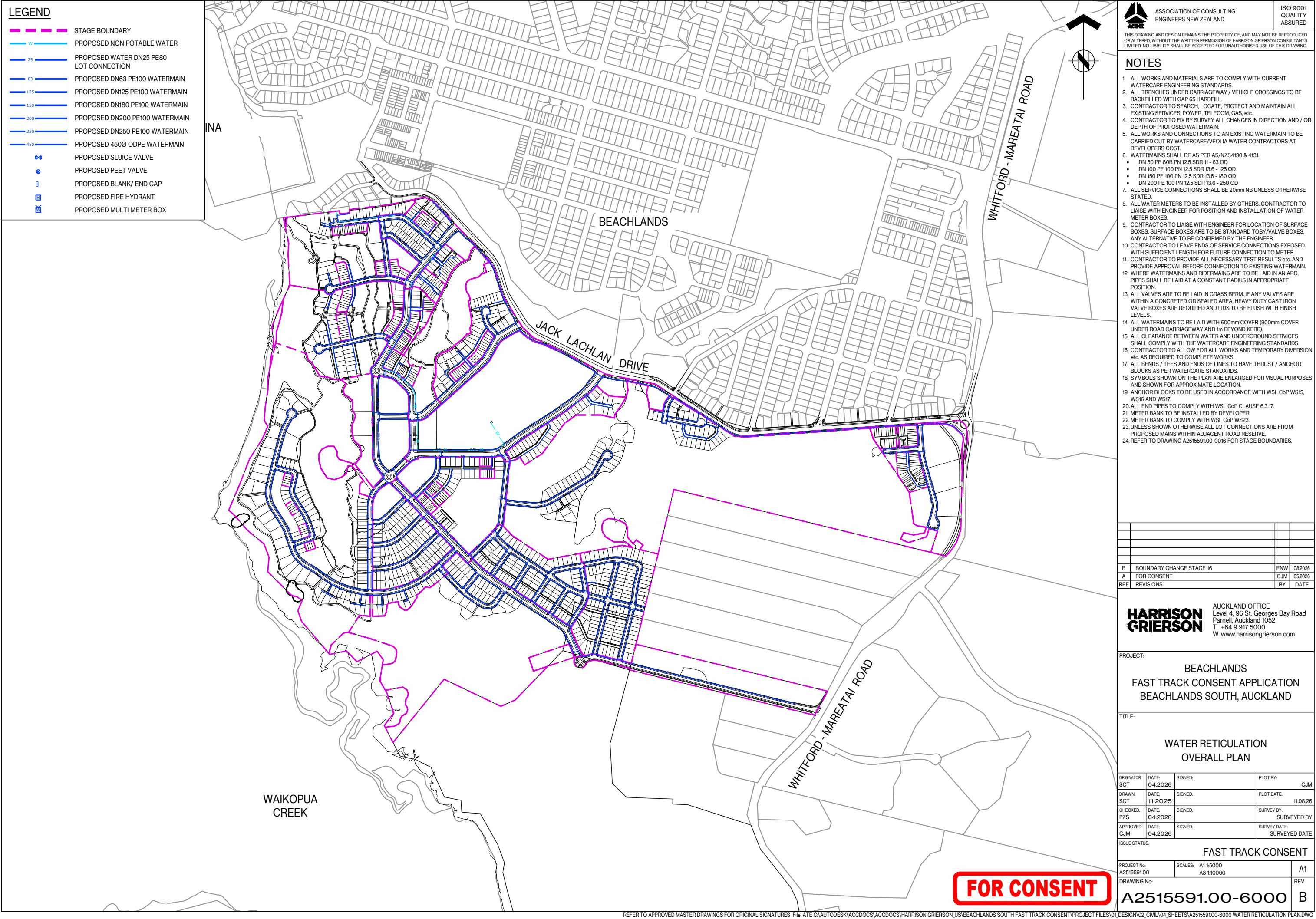
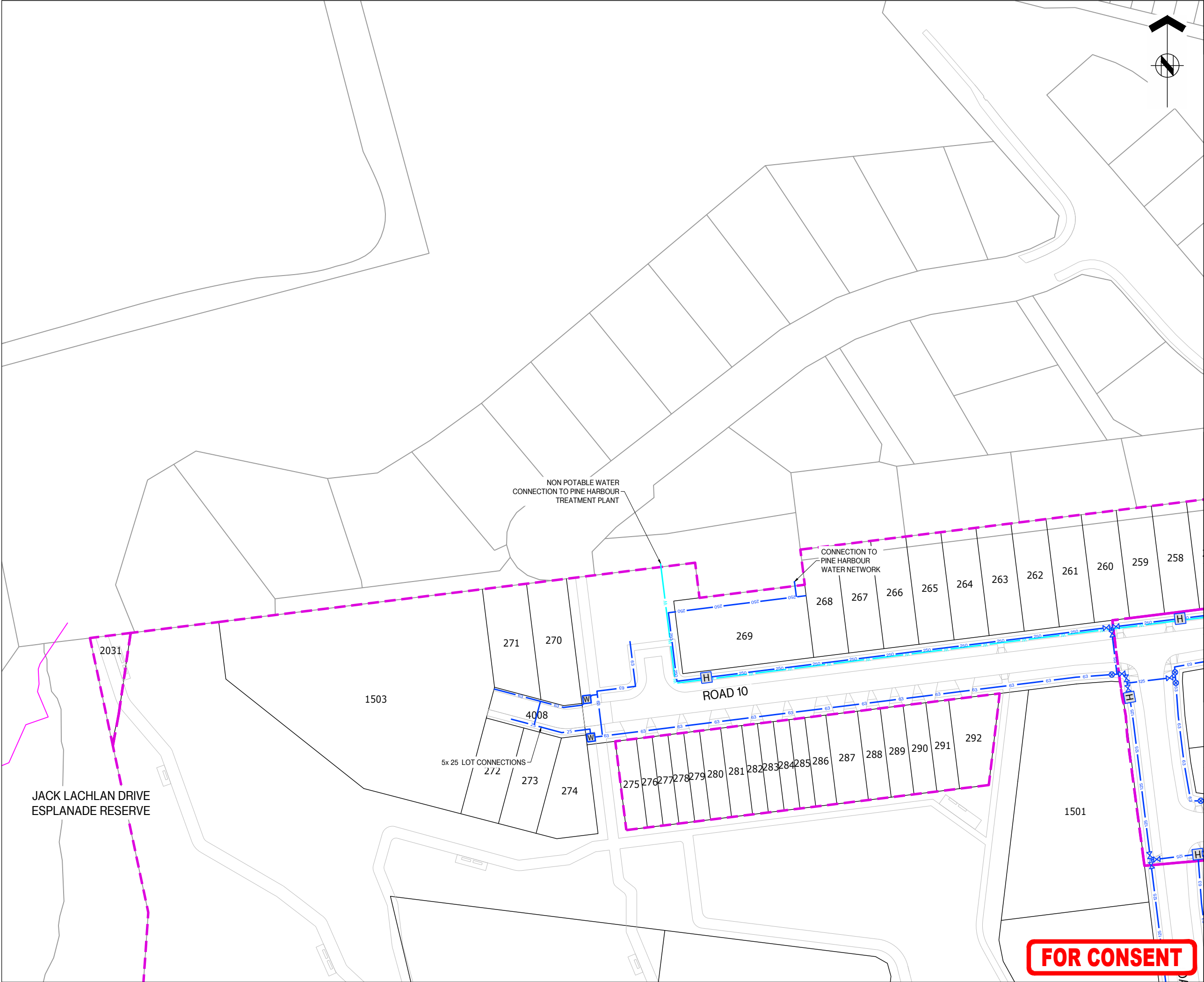
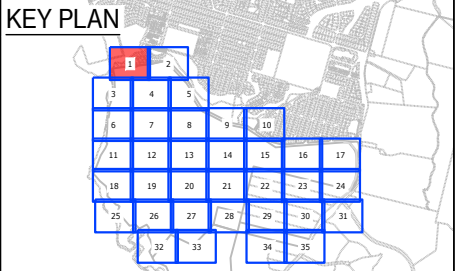






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PROJECT:
**BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND**

TITLE:
**WATER RETICULATION PLAN
SHEET 1 OF 35**

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY: CJM
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 11.08.26
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

ISSUE STATUS:
FAST TRACK CONSENT

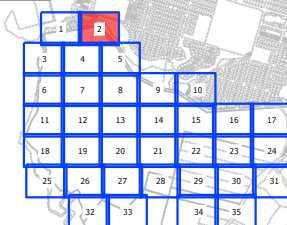
PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
DRAWING No: A2515591.00-6001	REV	A



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PROJECT:

BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 2 OF 35

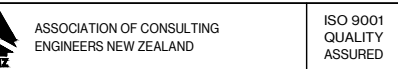
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APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

ISSUE STATUS: **FAST TRACK CONSENT**

PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
DRAWING No: A2515591.00-6002		REV A

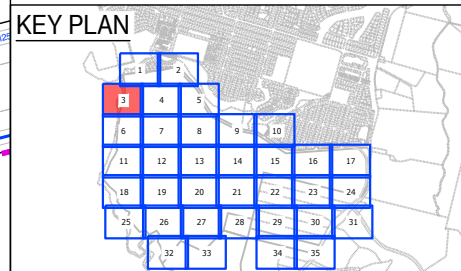
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PROJECT:

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FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

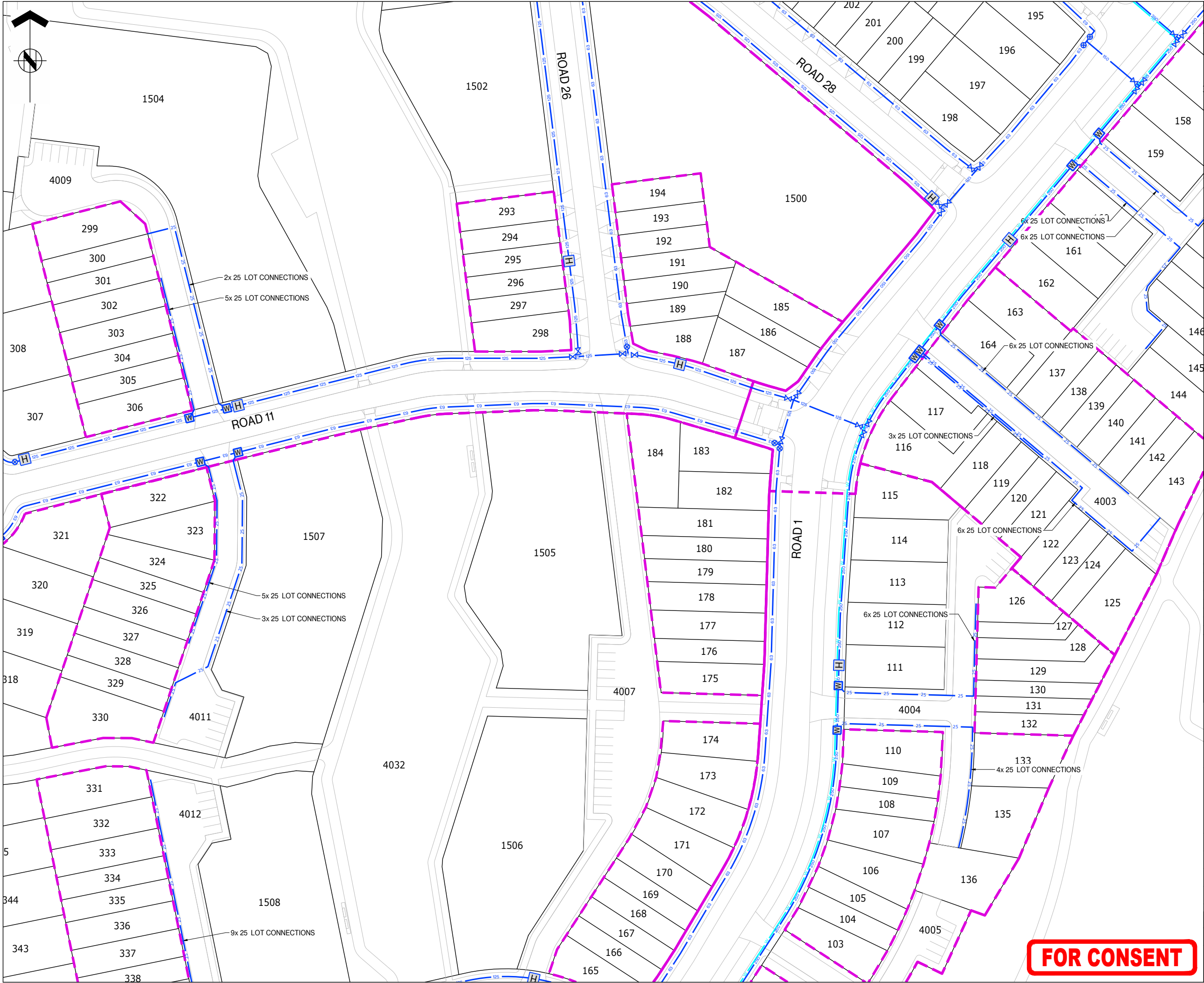
WATER RETICULATION PLAN
SHEET 3 OF 35

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY: CJM
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 11.08.26
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
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ISSUE STATUS: **FAST TRACK CONSENT**

PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
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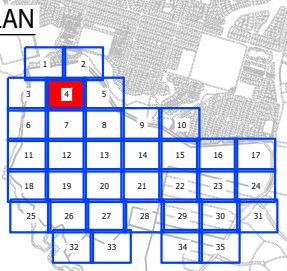
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PROJECT:
**BEACHLANDS
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BEACHLANDS SOUTH, AUCKLAND**

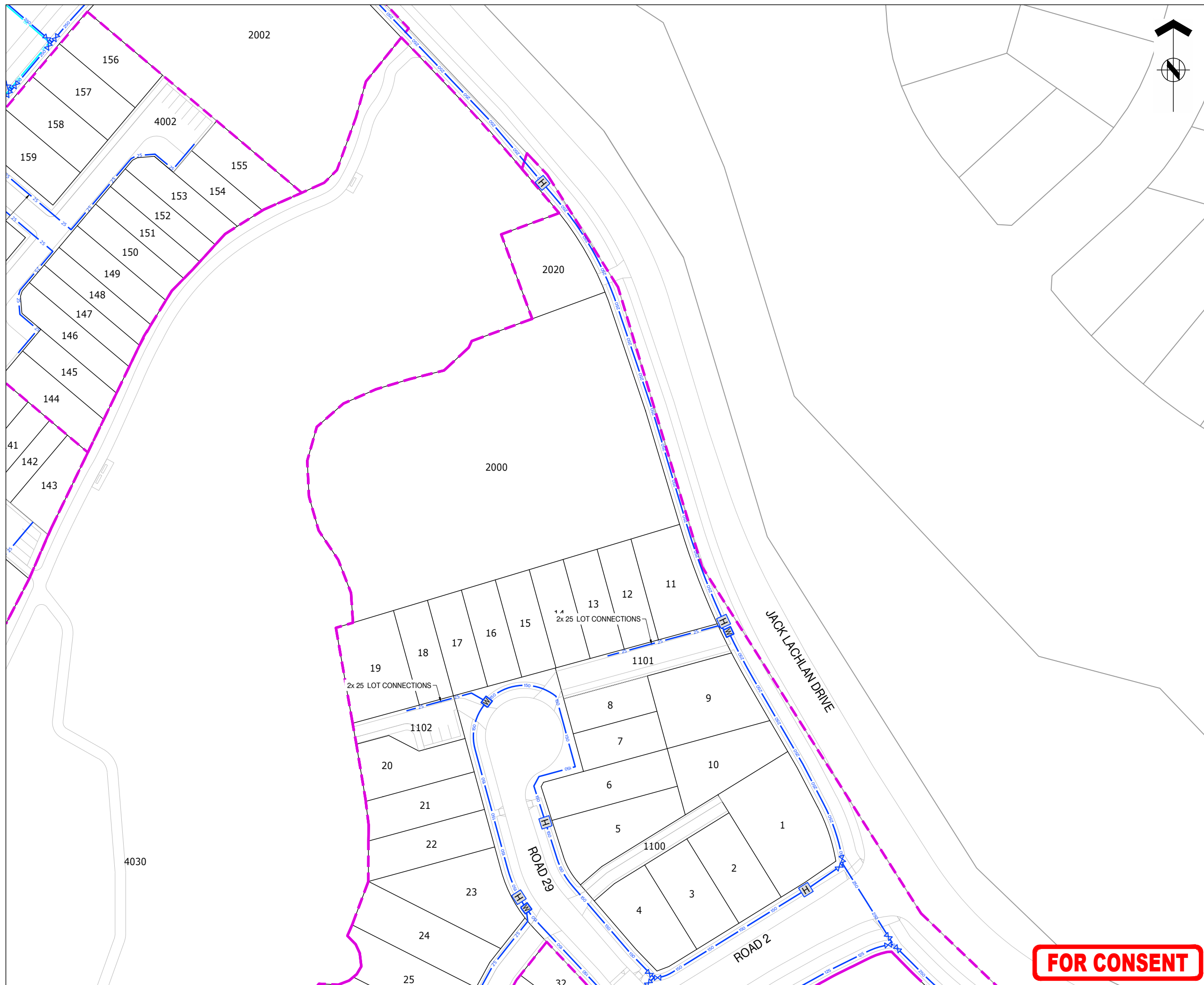
TITLE:
**WATER RETICULATION PLAN
SHEET 4 OF 35**

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY: CJM
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CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

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FAST TRACK CONSENT

PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
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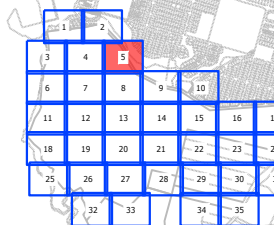
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PROJECT:

BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 5 OF 35

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY:
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 1108
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED
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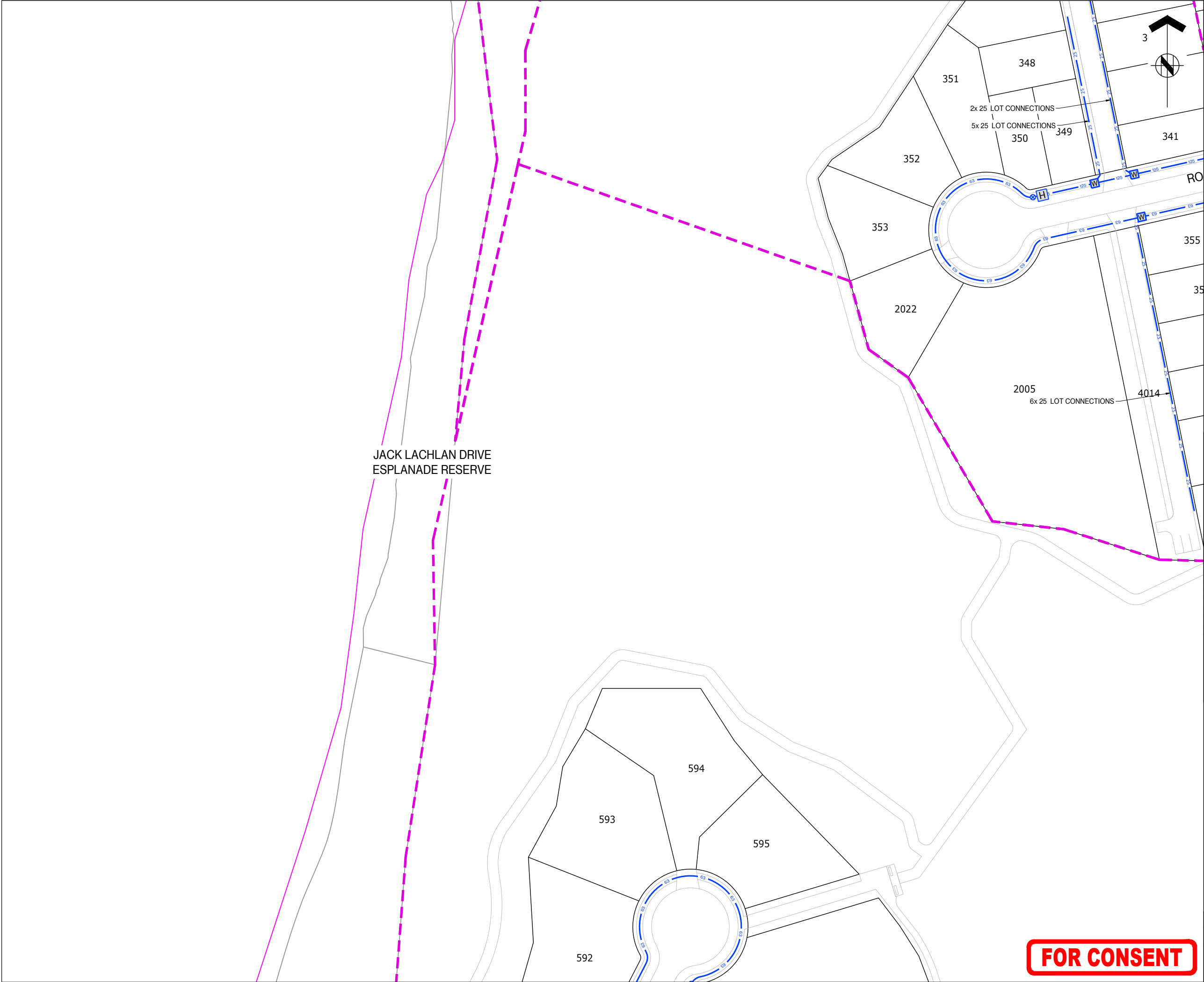
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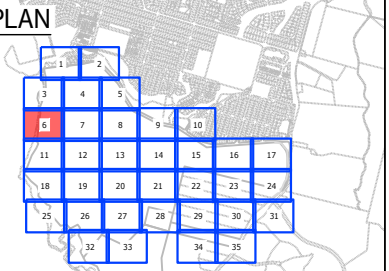
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PROJECT:

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FAST TRACK CONSENT APPLICATION

BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN

SHEET 6 OF 35

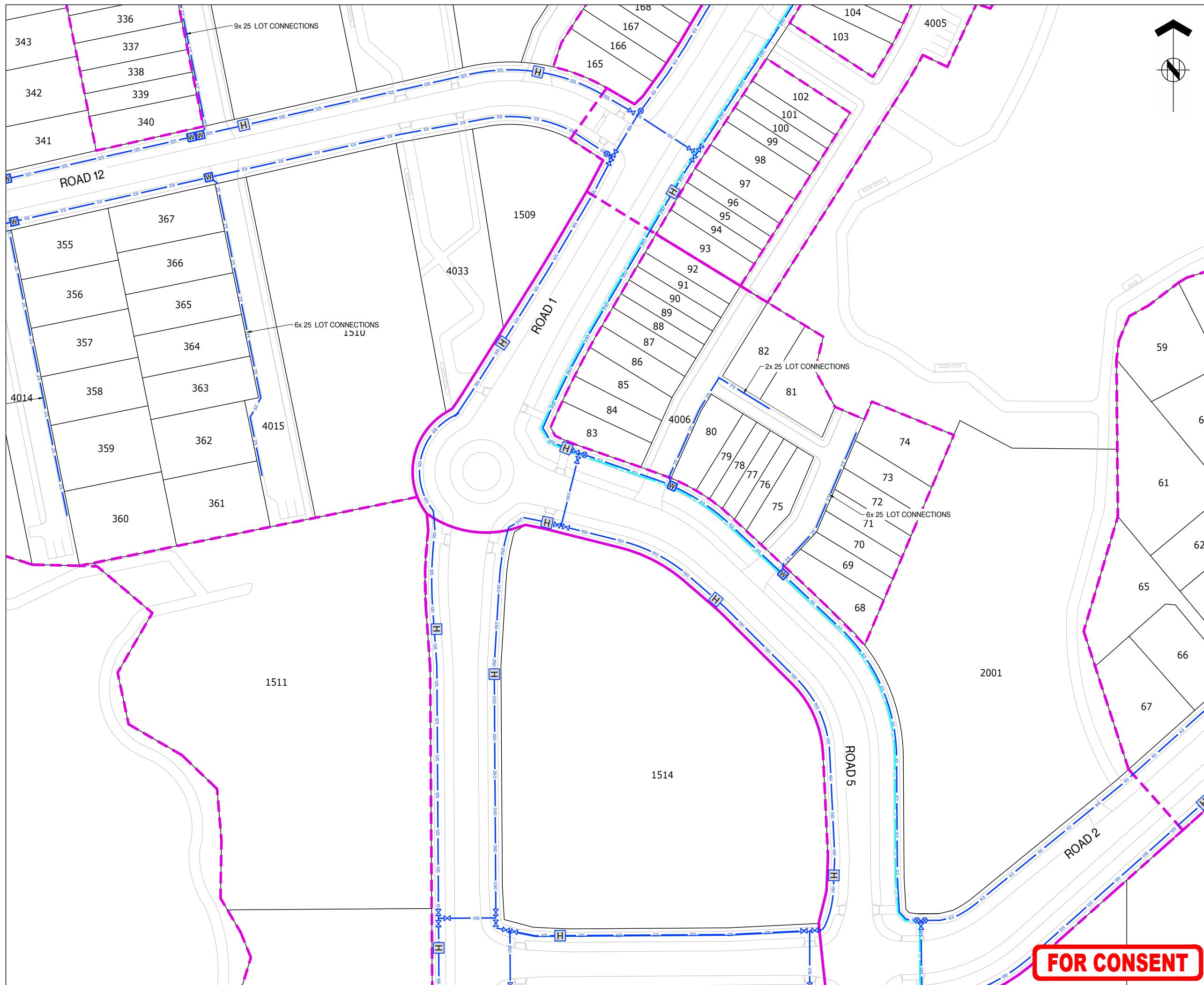
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CJM	04.2026		SURVEYED DATE

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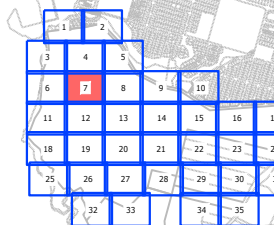
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BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 7 OF 35

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY:
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 1108
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DA

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PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
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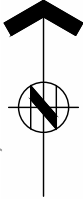
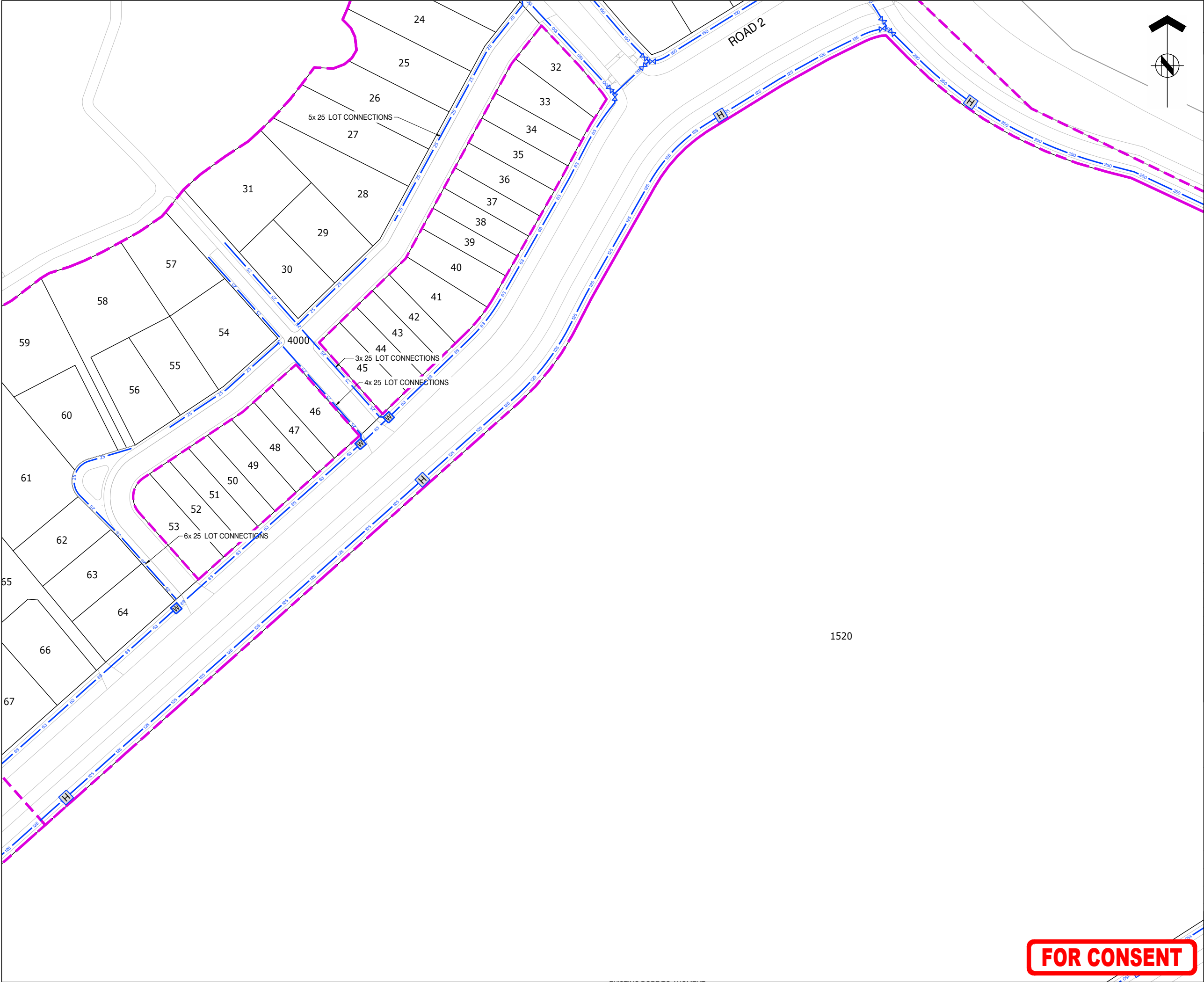
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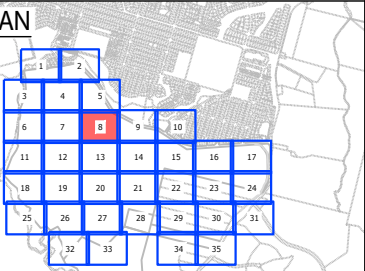
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PROJECT:

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FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 8 OF 35

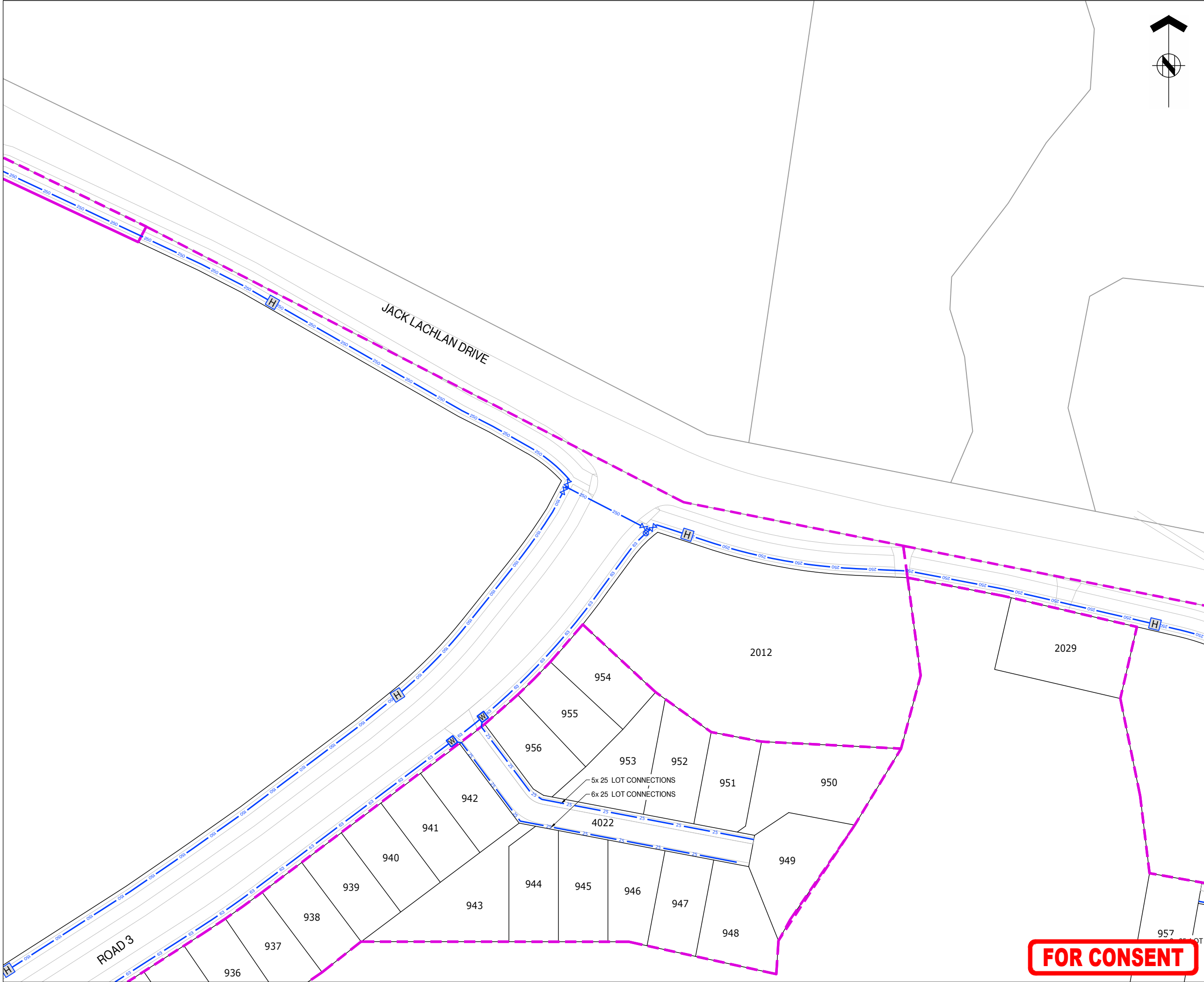
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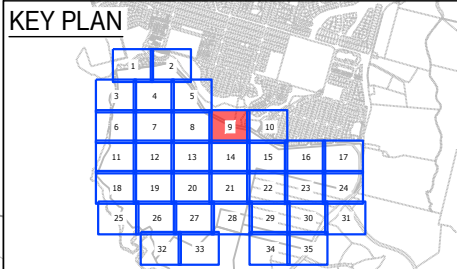
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PROJECT:

**BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND**

TITLE:

**WATER RETICULATION PLAN
SHEET 9 OF 35**

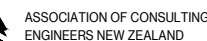
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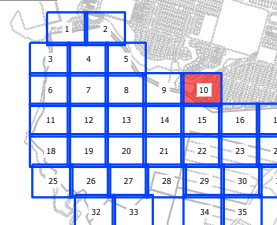
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BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 10 OF 35

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY:
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 11/08/2025
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED
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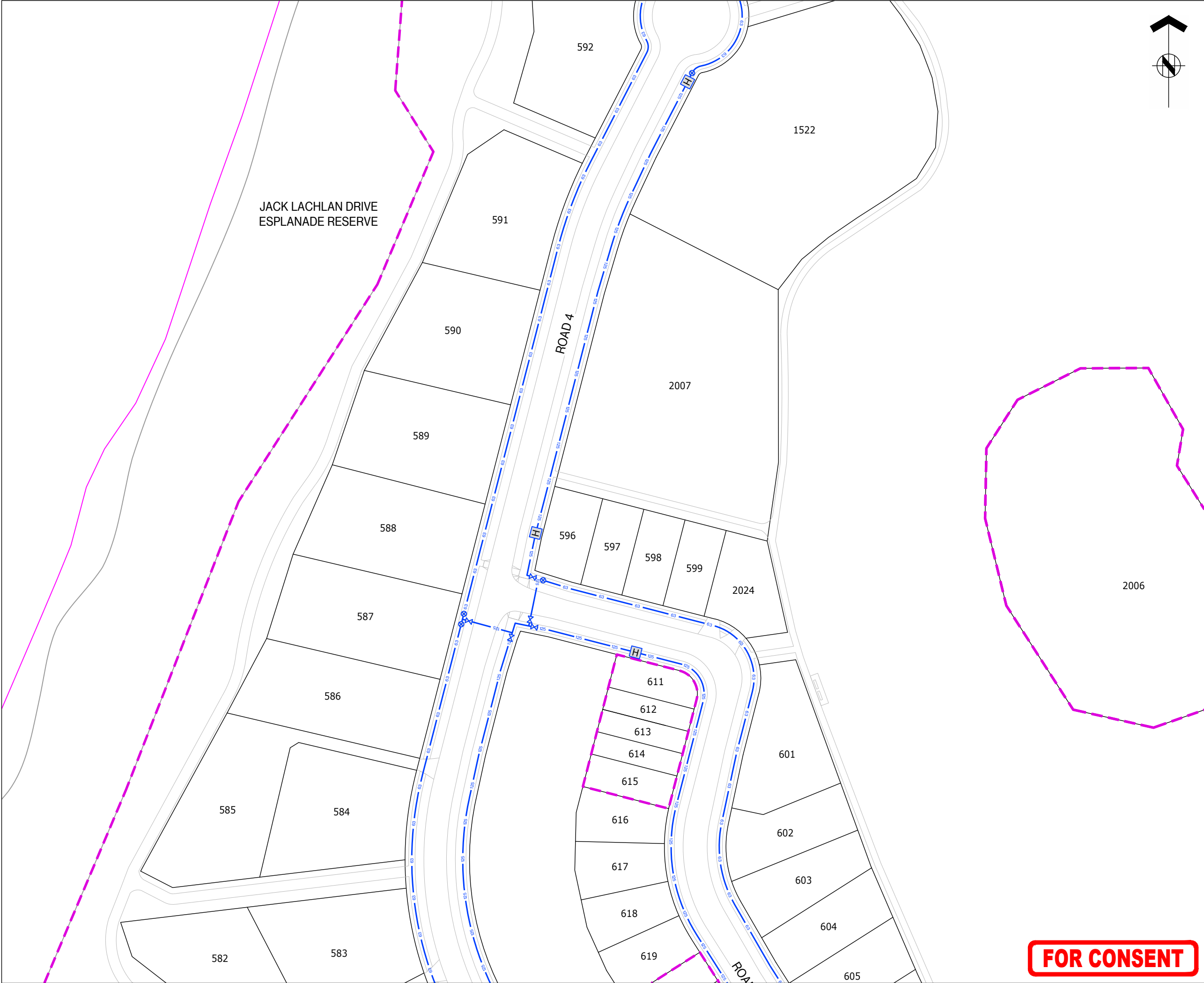
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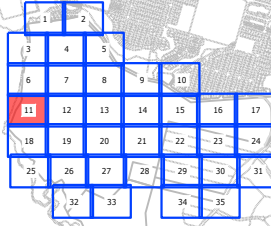
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BEACHLANDS SOUTH, AUCKLAND**

TITLE:

**WATER RETICULATION PLAN
SHEET 11 OF 35**

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SCT	04.2026		CJM
DRAWN:	DATE:	SIGNED:	PLOT DATE:
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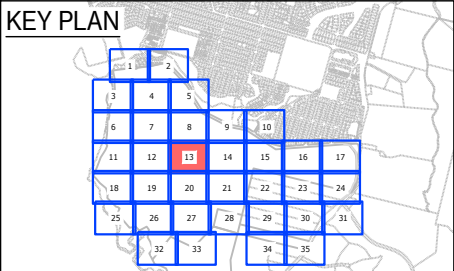
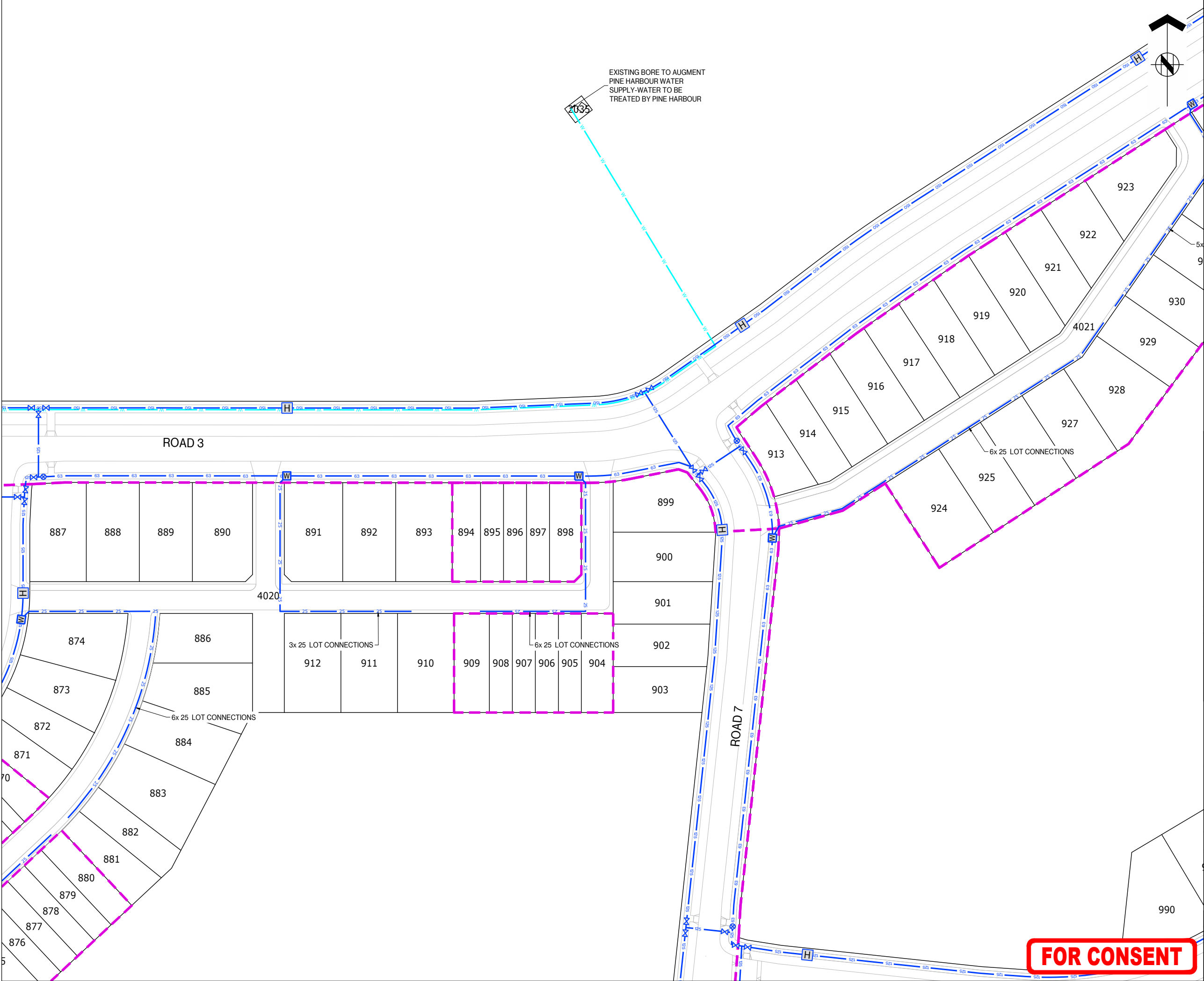
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PROJECT:

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FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 13 OF 35

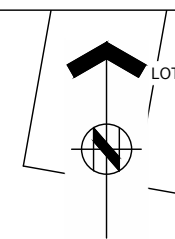
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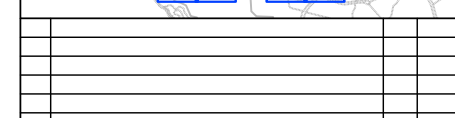
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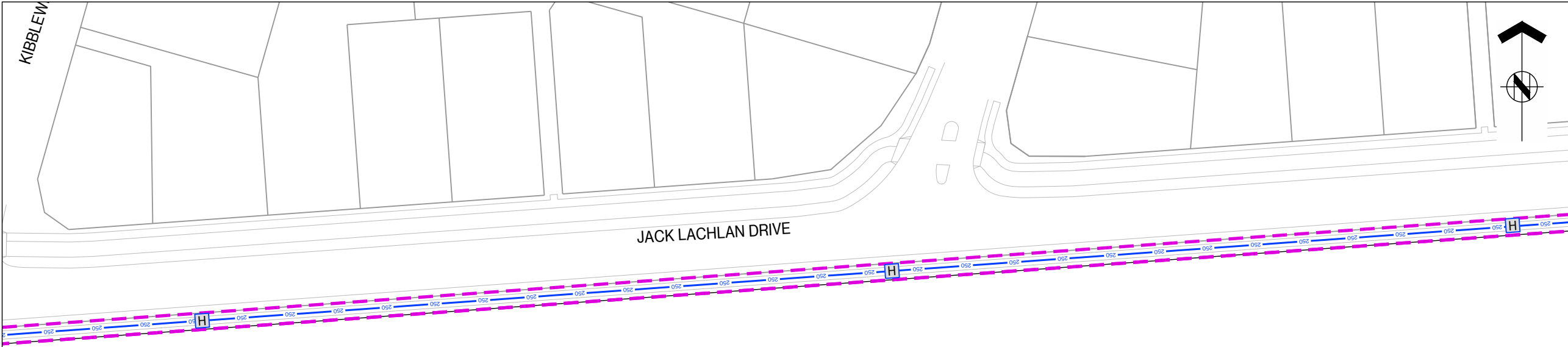
TITLE:

WATER RETICULATION PLAN
SHEET 14 OF 35

ISSUE STATUS: **FAST TRACK CONSENT**

DRAWING No:	REV
A2515591.00-6014	A

FOR CONSENT





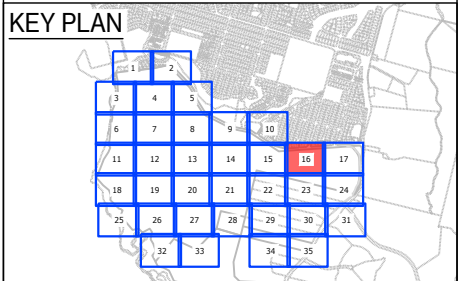
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PROJECT:

BEACHLANDS

FAST TRACK CONSENT APPLICATION

BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN

SHEET 16 OF 35

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY: CJM
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 11.08.26
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

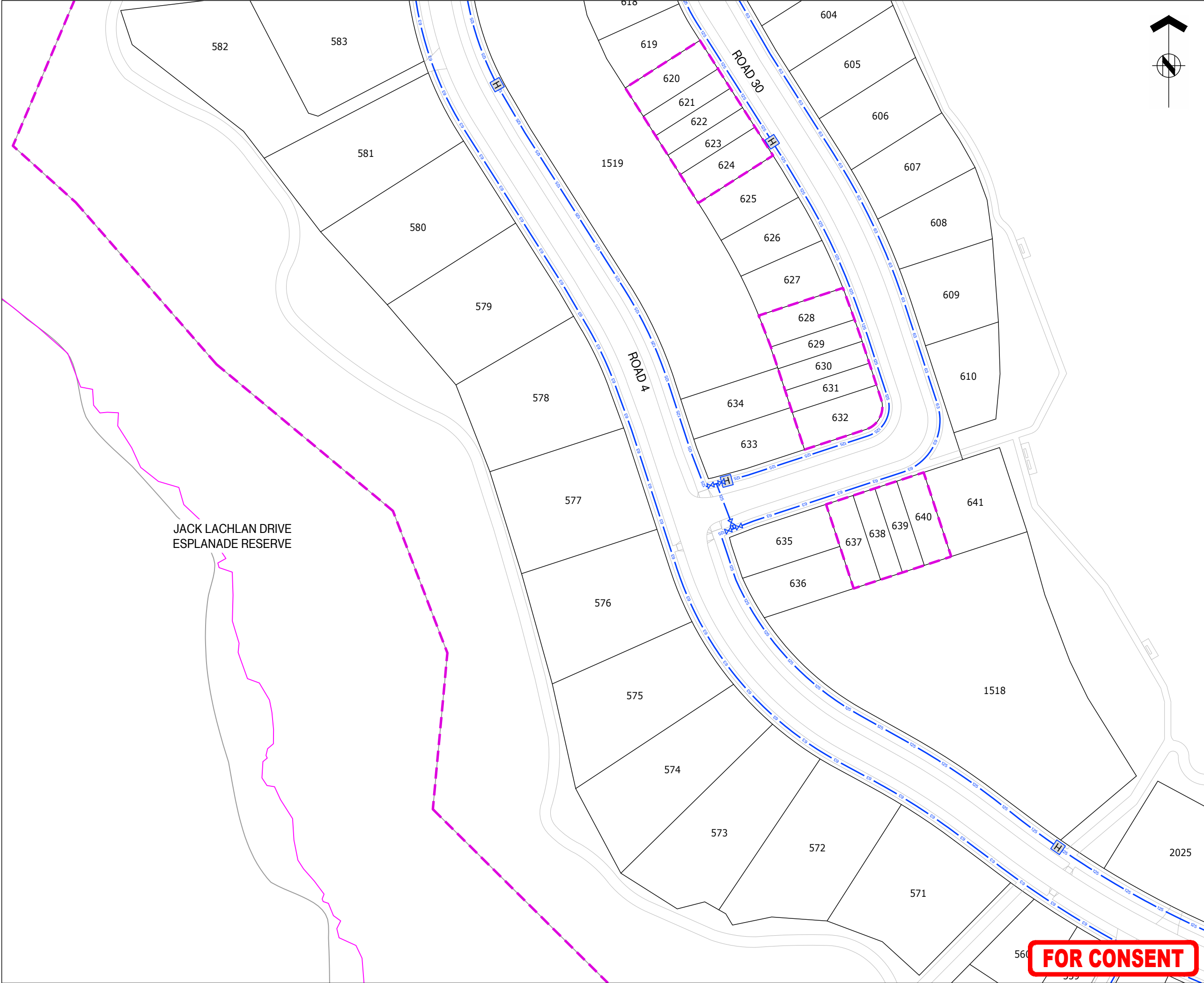
ISSUE STATUS:

FAST TRACK CONSENT

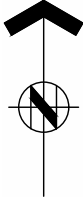
PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
DRAWING No:		REV
A2515591.00-6016		A

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JACK LACHLAN DRIVE
ESPLANADE RESERVE





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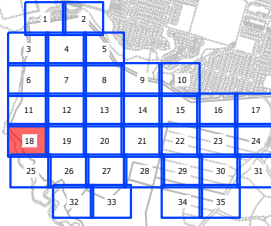
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KEY PLAN



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PROJECT:

BEACHLANDS

FAST TRACK CONSENT APPLICATION

BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN

SHEET 18 OF 35

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SCT	04.2026		CJM
DRAWN:	DATE:	SIGNED:	PLOT DATE:
SCT	11.2025		11.08.26
CHECKED:	DATE:	SIGNED:	SURVEY BY:
PZS	04.2026		SURVEYED BY
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
CJM	04.2026		SURVEYED DATE

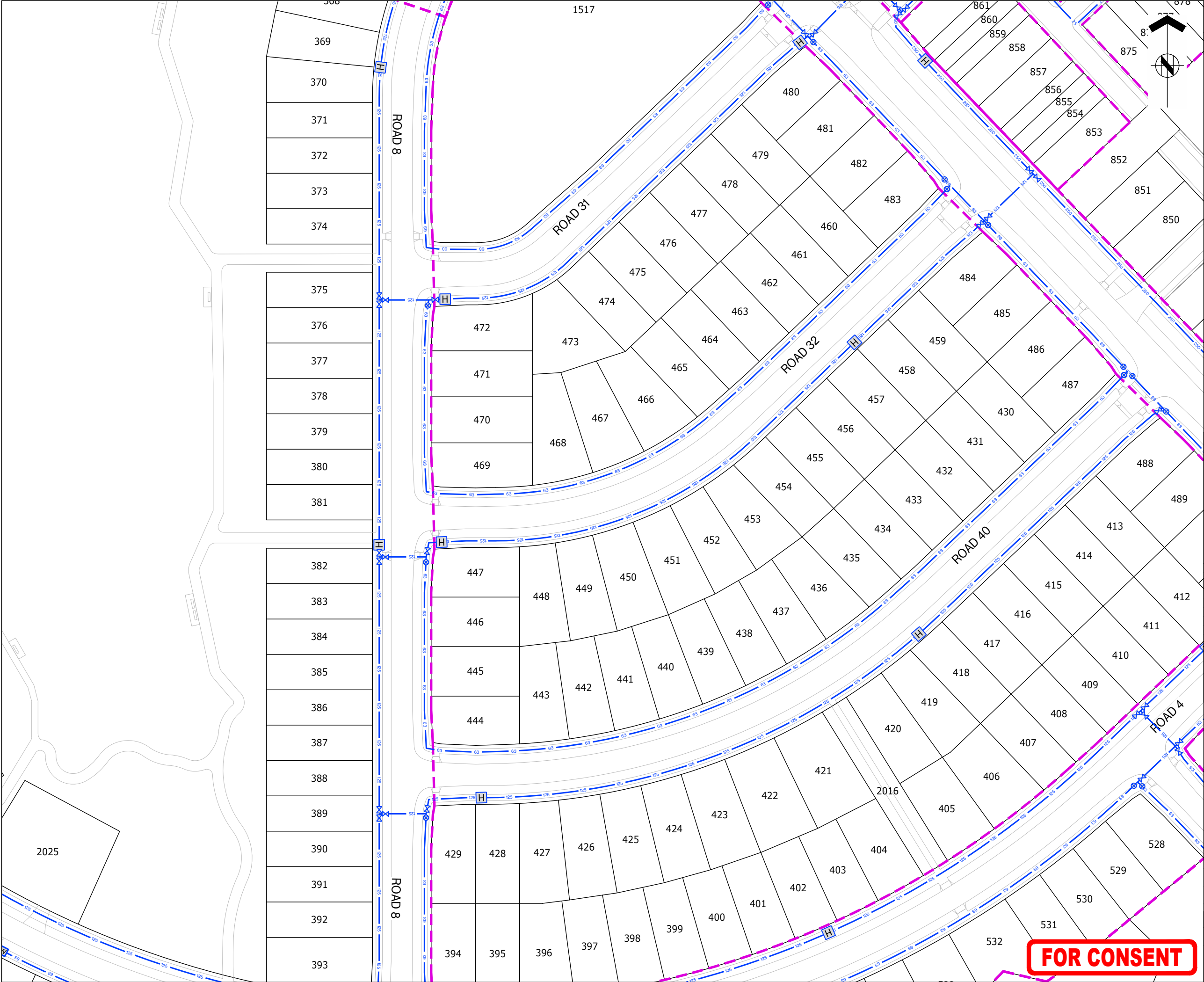
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FAST TRACK CONSENT

PROJECT No:	SCALES:	A1
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DRAWING No:	A3 1:1000	REV
A2515591.00-6018		A

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REFER TO APPROVED MASTER DRAWINGS FOR ORIGINAL SIGNATURES File: ATE C:\AUTODESK\ACCDOS\ACCDOS\HARRISON GRIERSON_US\BEACHLANDS SOUTH FAST TRACK CONSENT\PROJECT FILES\01 DESIGN\02 CIVIL\04 SHEETS\A2515591.00-6000 WATER RETICULATION PLAN.DWG





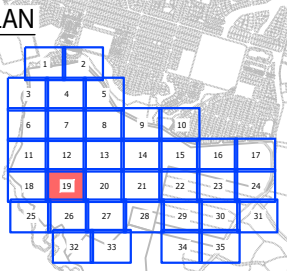
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PROJECT:

BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 19 OF 35

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY: CJM
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 11/08/26
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

ISSUE STATUS:

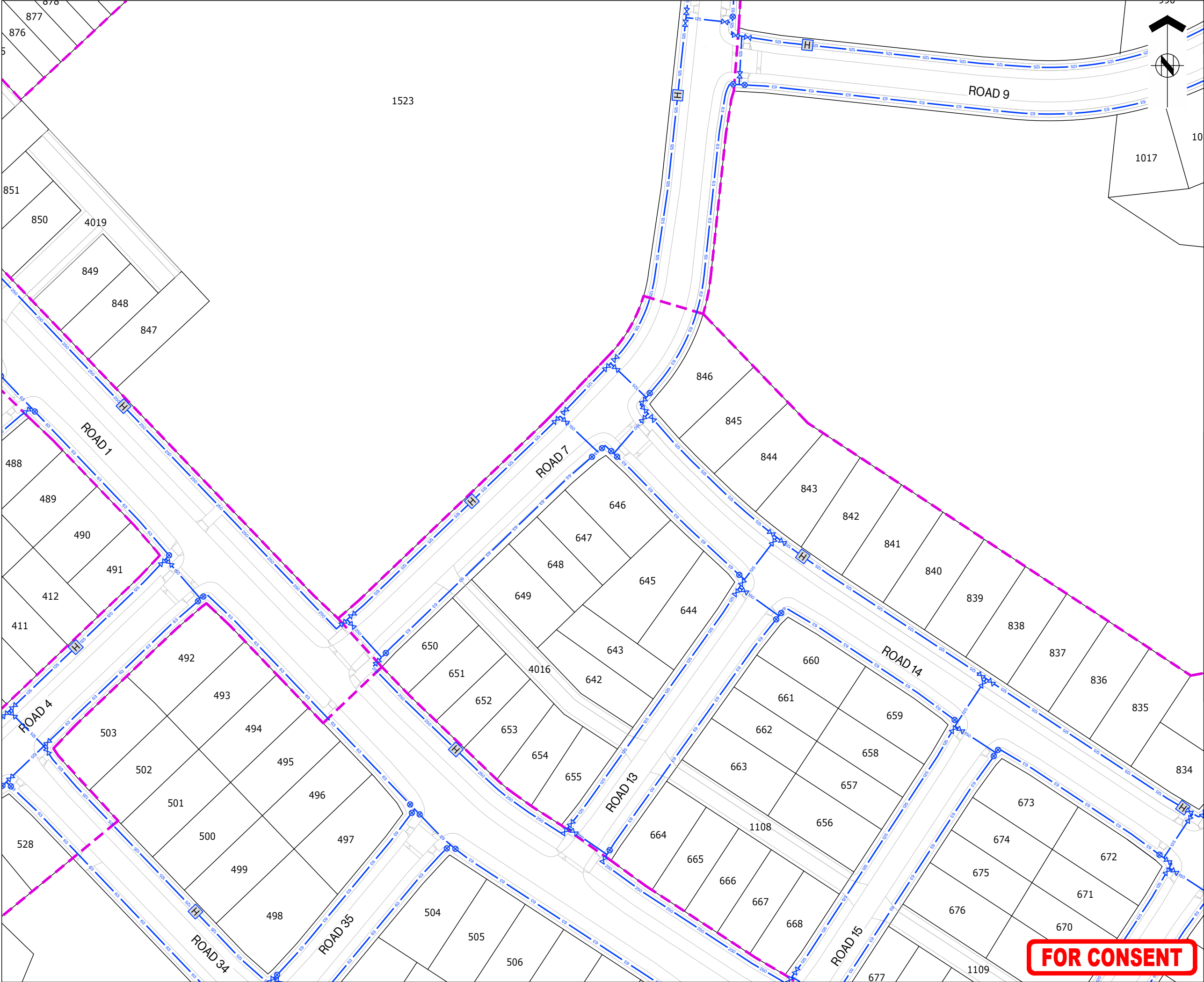
FAST TRACK CONSENT

PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
DRAWING No:		REV

A2515591.00-6019

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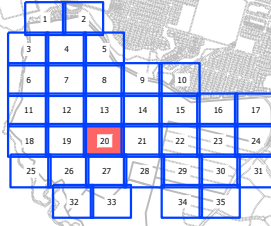
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PROJECT:
**BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND**

TITLE:
**WATER RETICULATION PLAN
SHEET 20 OF 35**

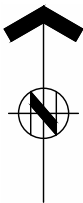
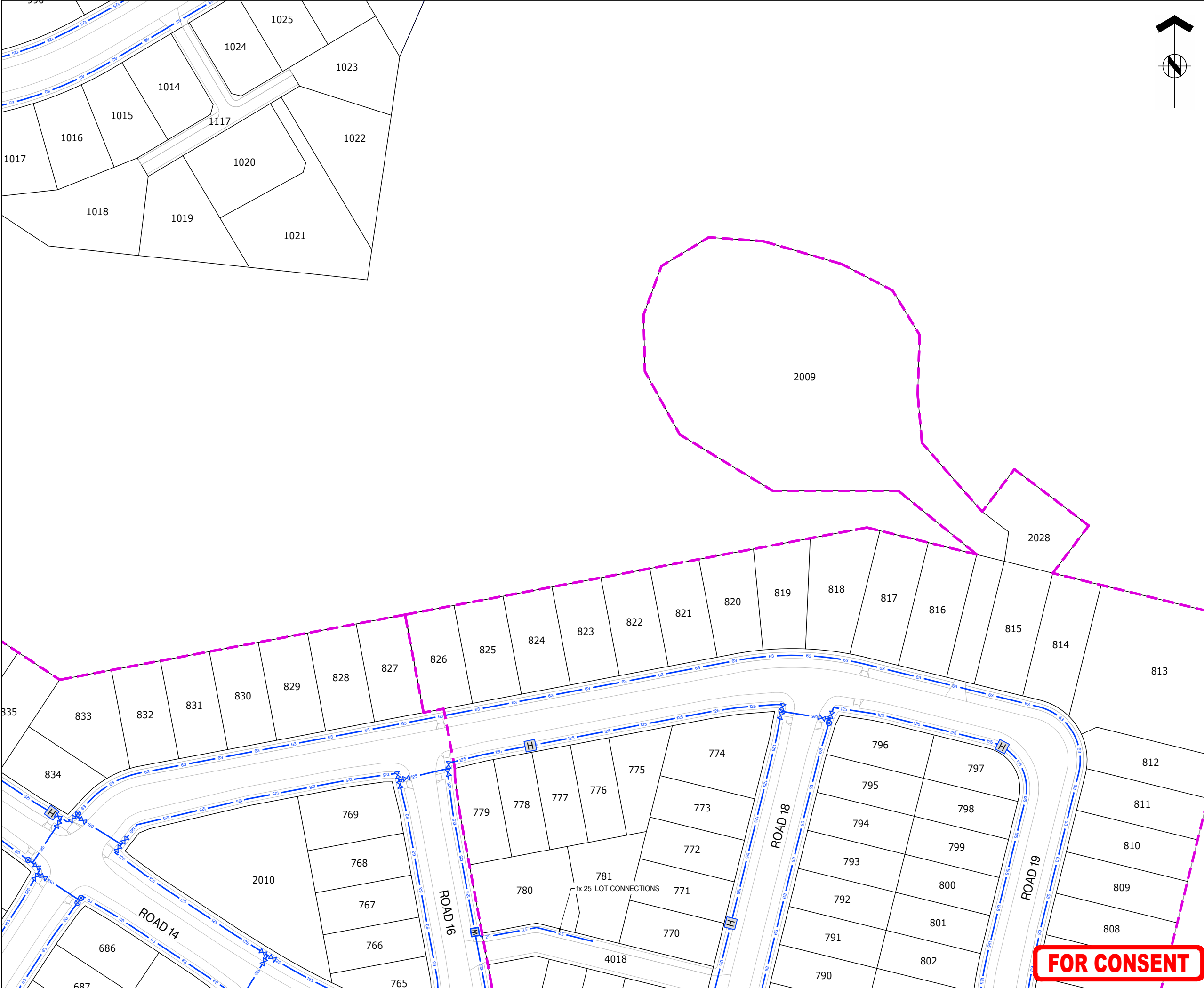
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CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY:
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE:

ISSUE STATUS:
FAST TRACK CONSENT

PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
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KEY PLAN



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A	FOR CONSENT	CJM	05.2026
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PROJECT:
**BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND**

TITLE:
**WATER RETICULATION PLAN
SHEET 21 OF 35**

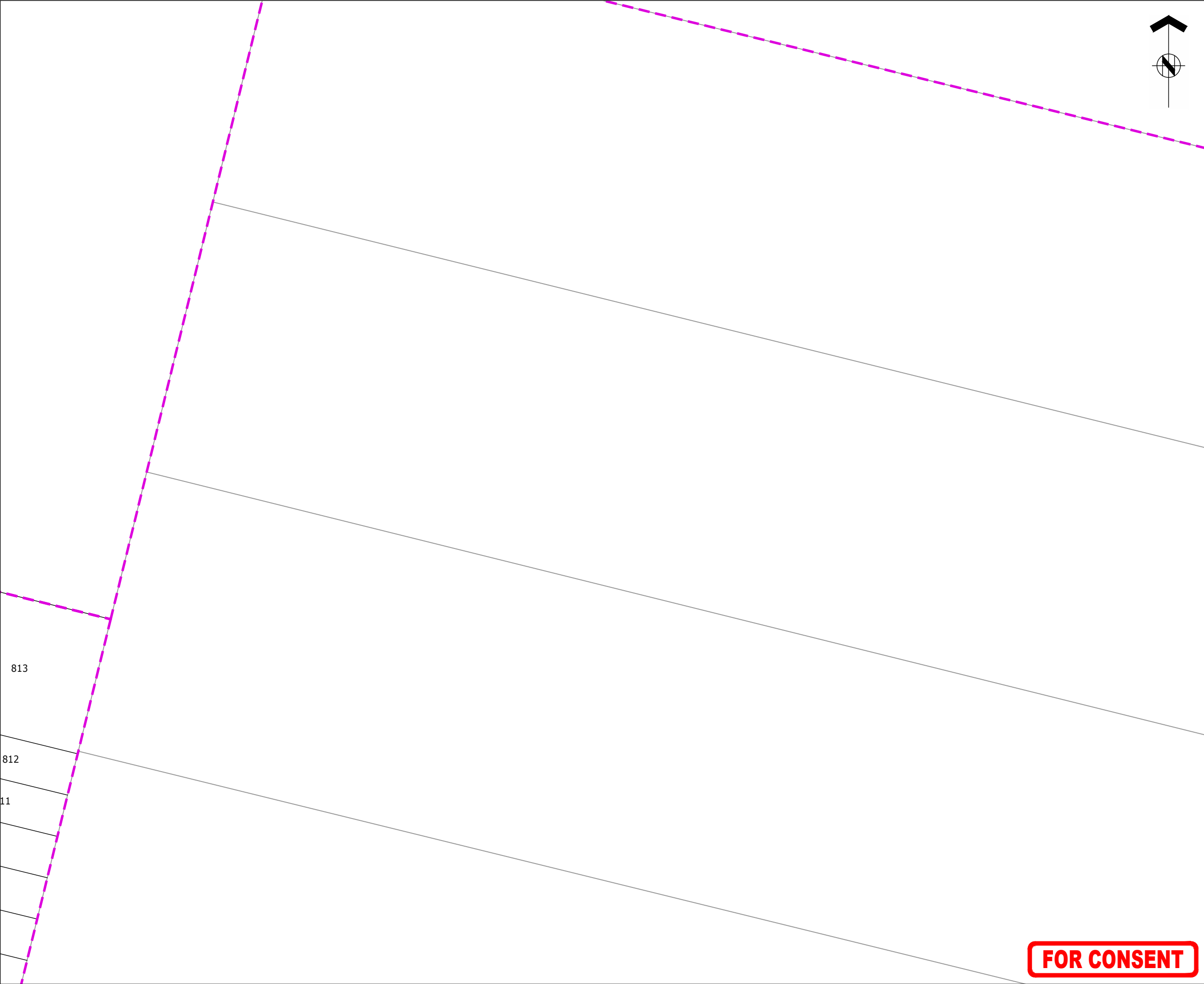
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CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

ISSUE STATUS:
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PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
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A	FOR CONSENT	CJM	05.2026
REF	REVISIONS	BY	DATE

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PROJECT:

BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 22 OF 35

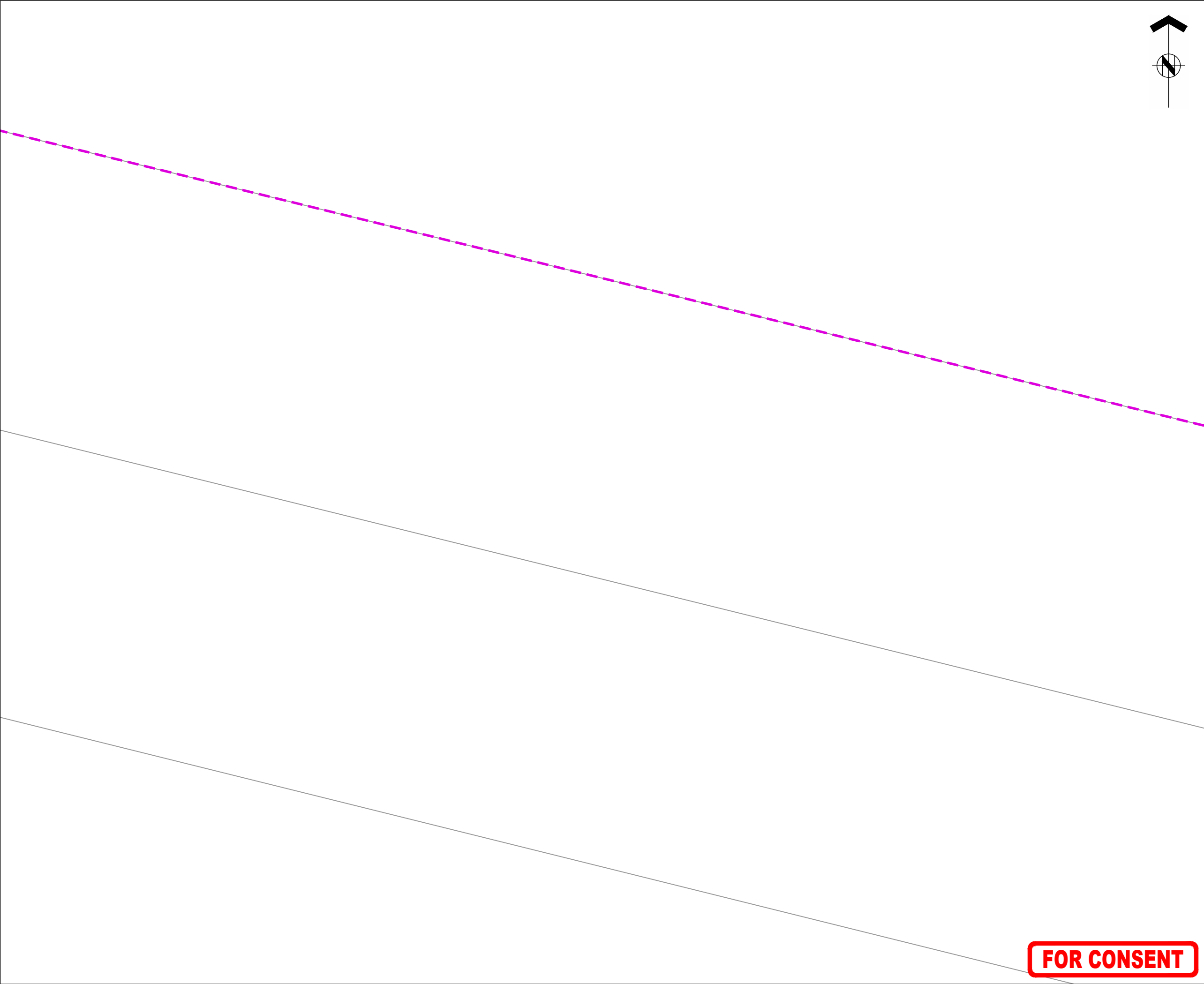
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APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

ISSUE STATUS:

FAST TRACK CONSENT

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DRAWING No: A2515591.00-6022	REV	B

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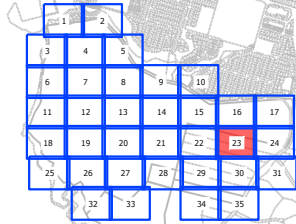
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PROJECT:

BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 23 OF 35

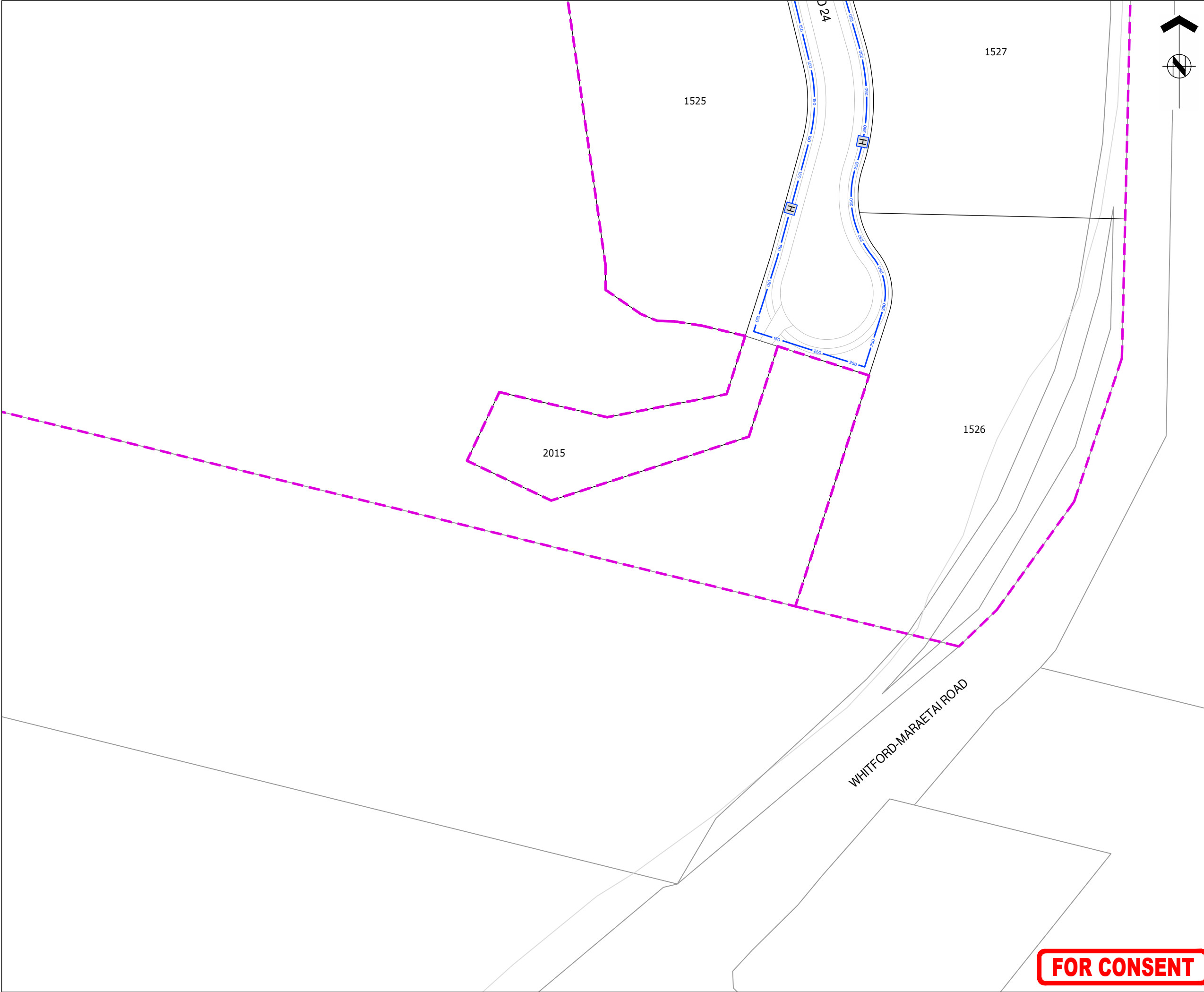
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CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

ISSUE STATUS:

FAST TRACK CONSENT

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DRAWING No: A2515591.00-6023		REV A

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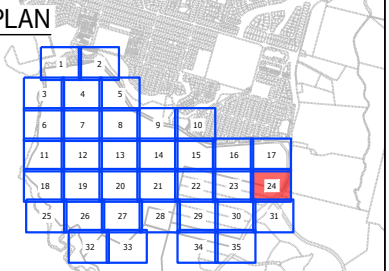
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PROJECT:

BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 24 OF 35

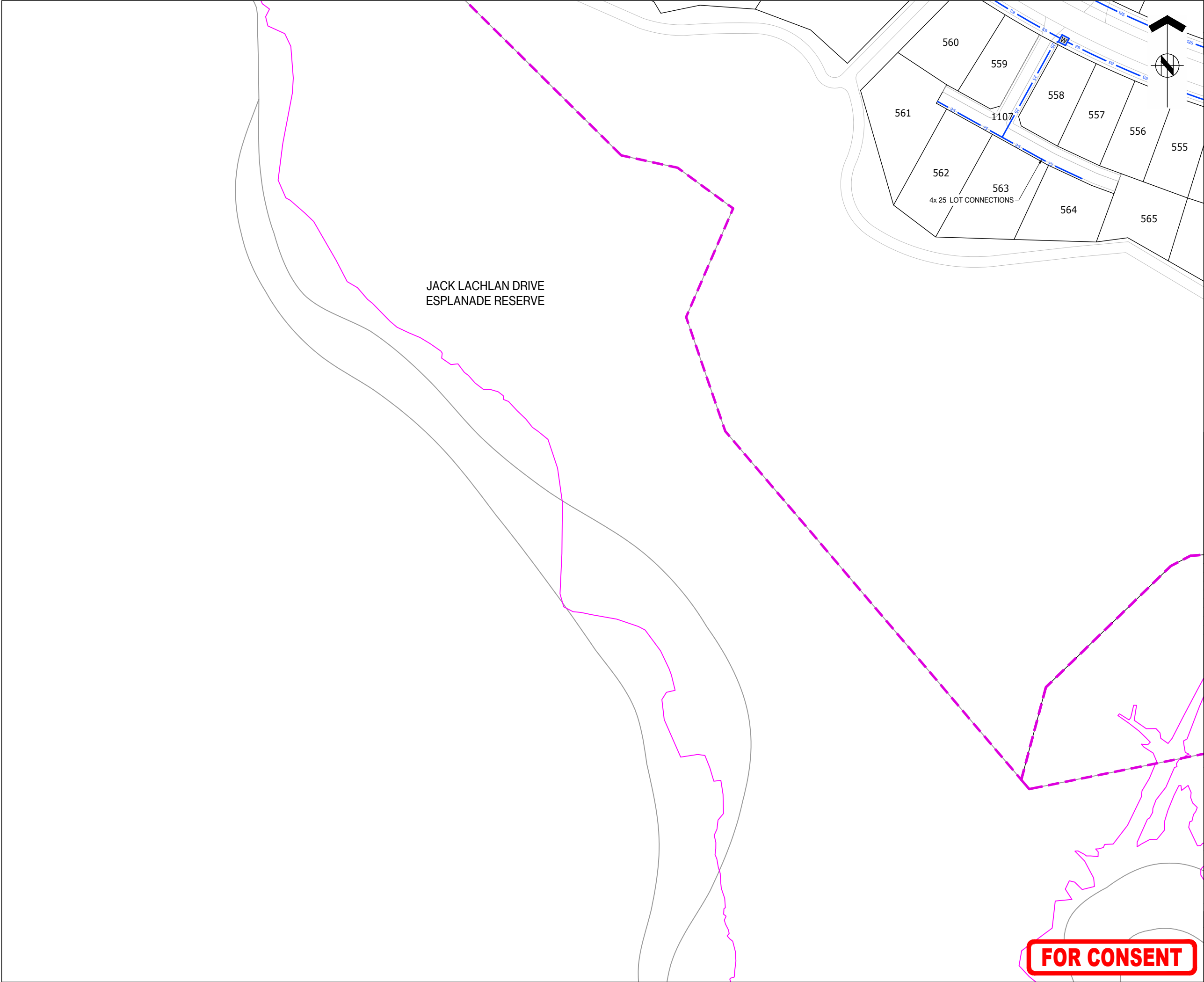
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APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

ISSUE STATUS:

FAST TRACK CONSENT

PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
DRAWING No:		REV
A2515591.00-6024		A

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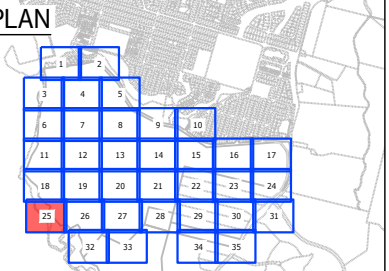
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PROJECT:

BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 25 OF 35

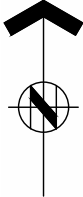
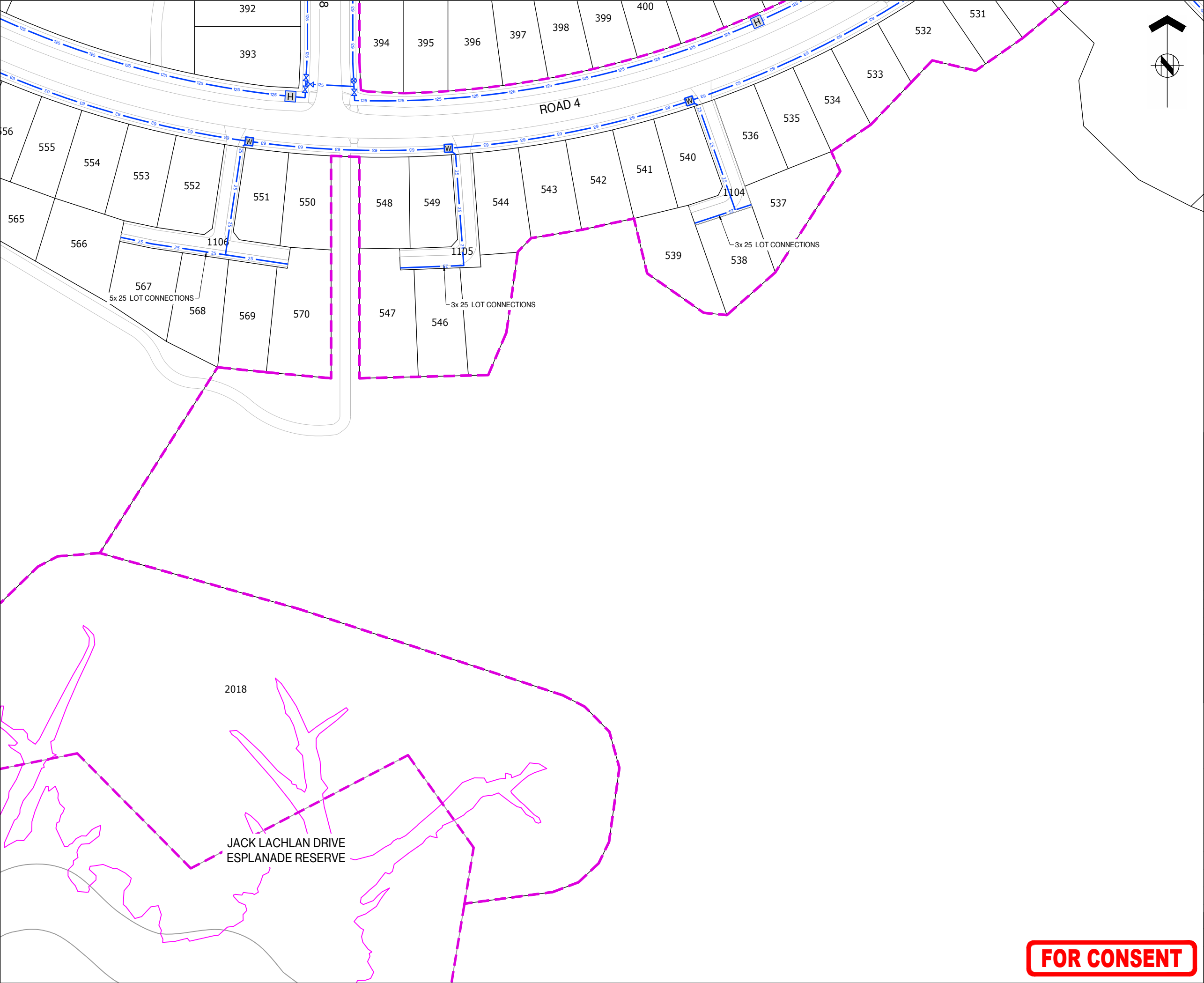
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CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

ISSUE STATUS:

FAST TRACK CONSENT

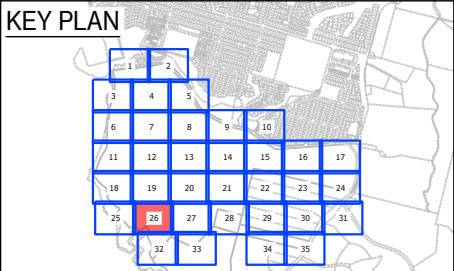
PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
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PROJECT:
**BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND**

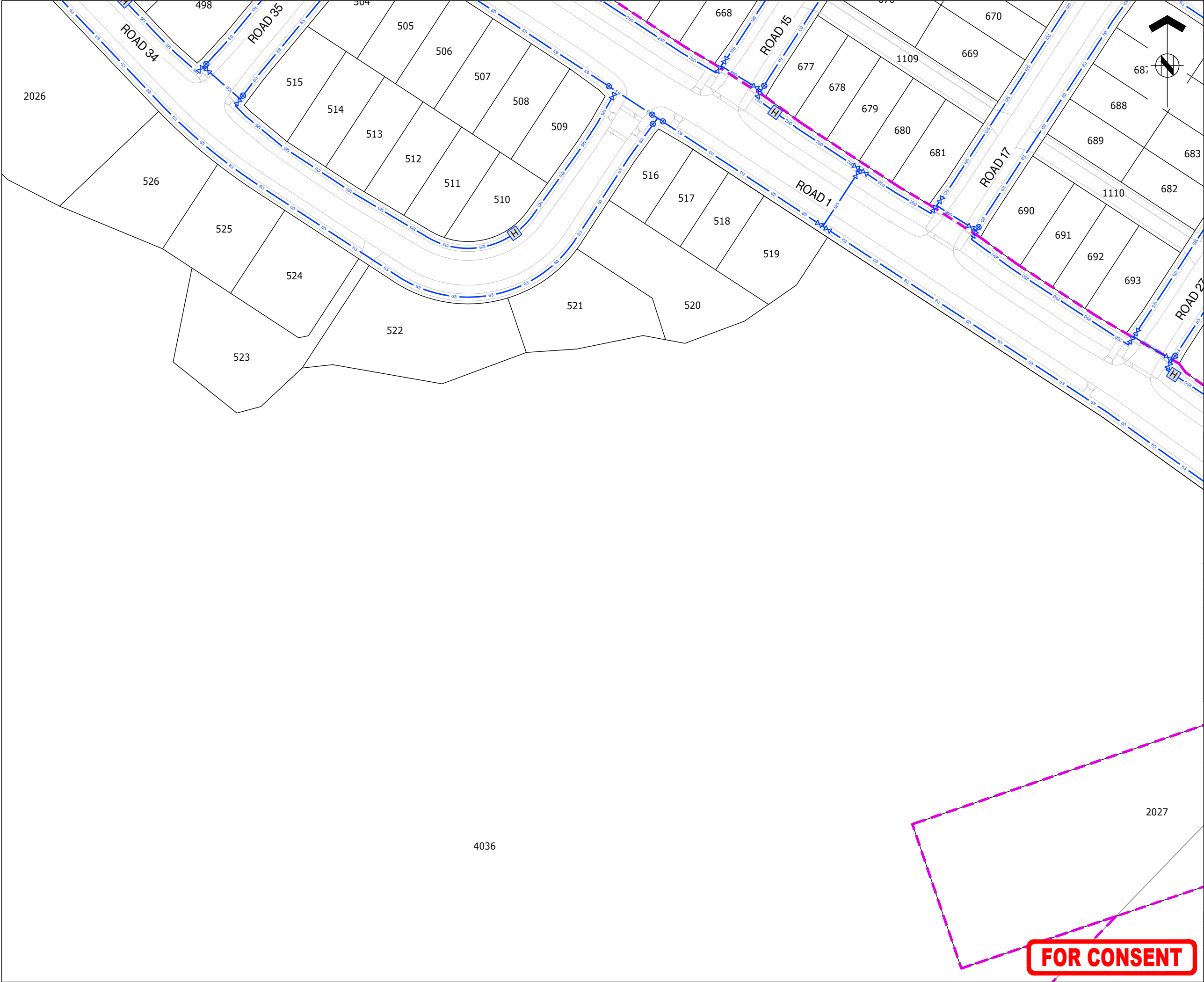
TITLE:
**WATER RETICULATION PLAN
SHEET 26 OF 35**

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY: CJM
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 11.08.26
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

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DRAWING No: A2515591.00-6026	REV	A

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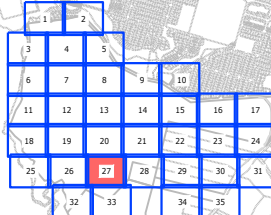
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PROJECT:

BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 27 OF 35

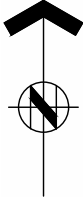
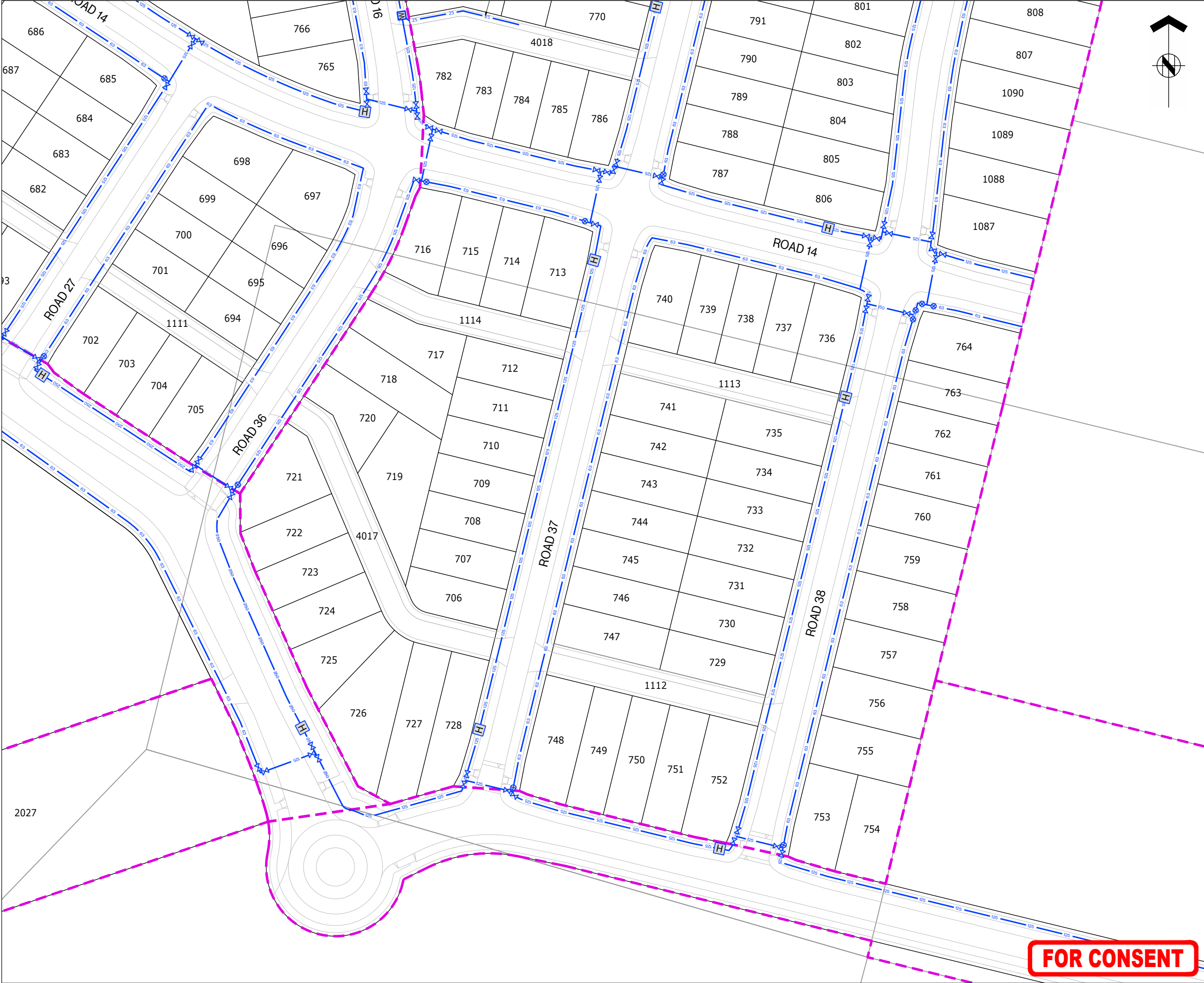
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PZS	04.2026		SURVEYED BY
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CJM	04.2026		SURVEYED DATE

ISSUE STATUS:

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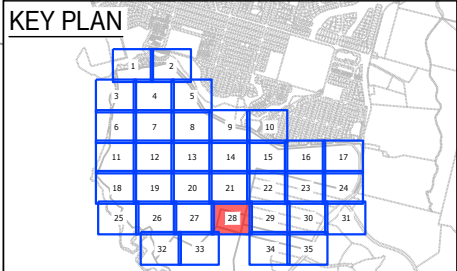
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A2515591.00	A1 1:500 A3 1:1000	REV
DRAWING No:		A

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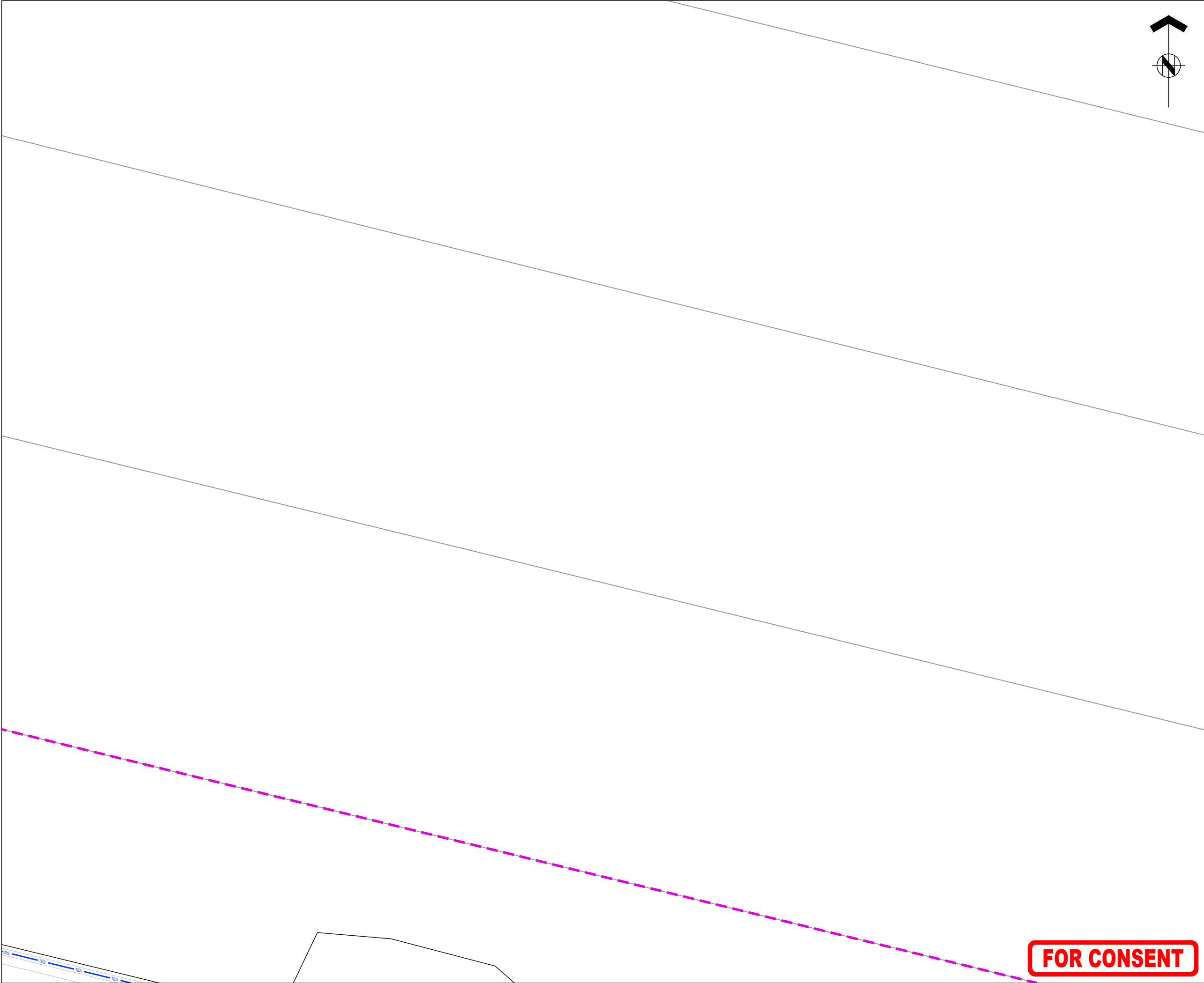
PROJECT:
**BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND**

TITLE:
**WATER RETICULATION PLAN
SHEET 28 OF 35**

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY: CJM
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 11.08.26
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
APPROVED: CJM	DATE: 04.2026	SIGNED:	SURVEY DATE: SURVEYED DATE

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PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
DRAWING No: A2515591.00-6028		REV B





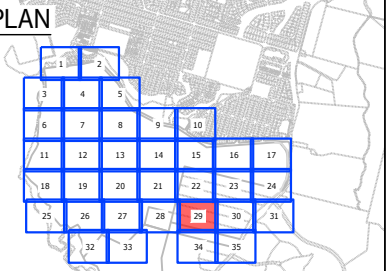
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KEY PLAN



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PROJECT:

BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 29 OF 35

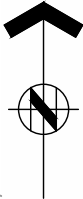
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CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
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ISSUE STATUS:

FAST TRACK CONSENT

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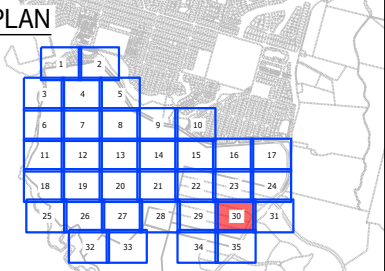
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PROJECT:

BEACHLANDS
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BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 30 OF 35

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY: CJM
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 11.08.26
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
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PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
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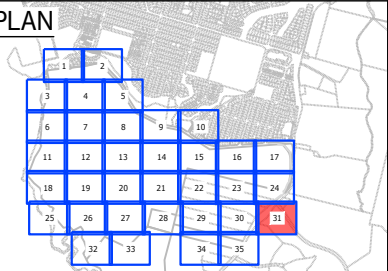
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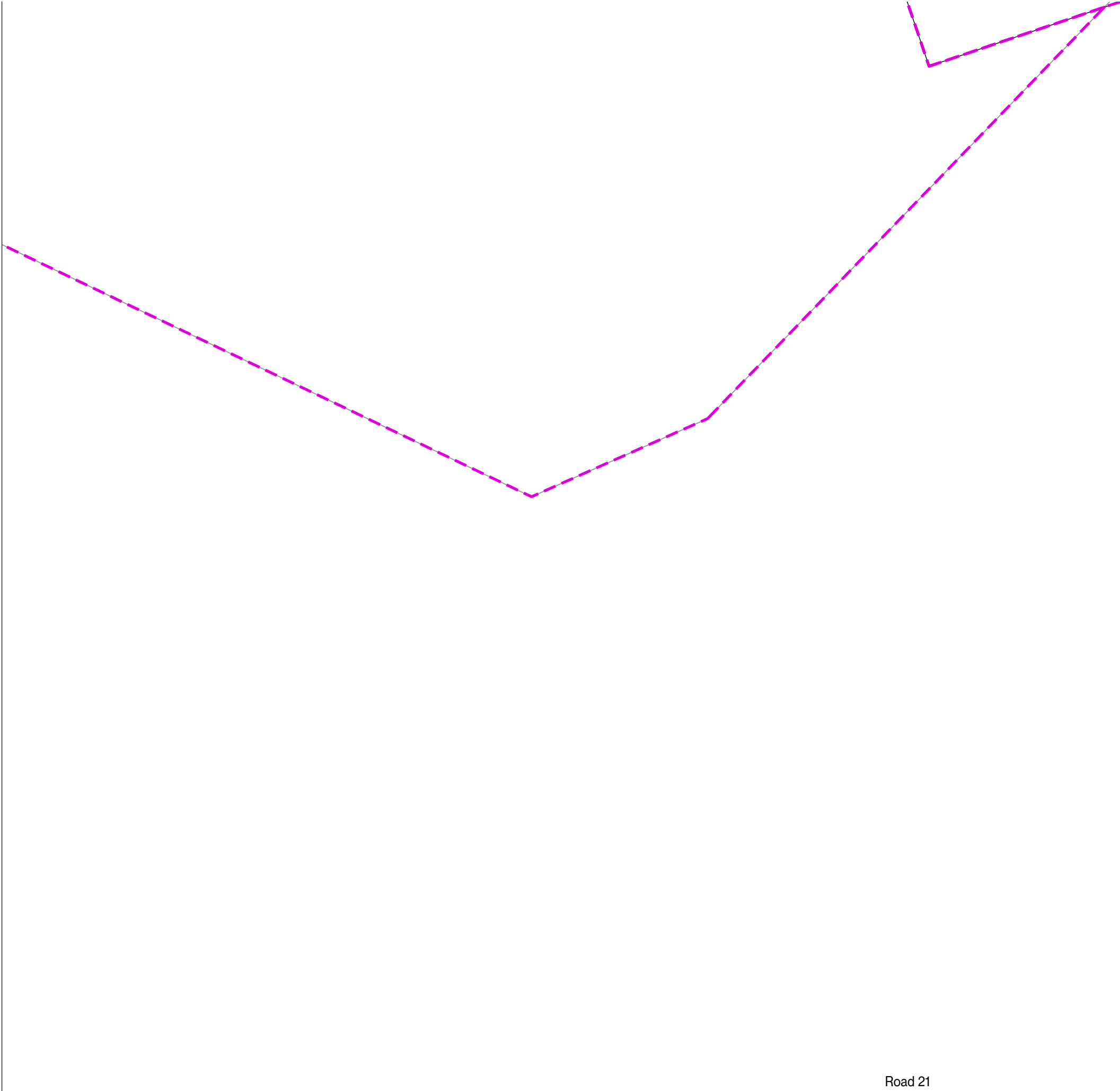
PROJECT:

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BEACHLANDS SOUTH, AUCKLANDTITLE:

WATER RETICULATION PLAN
SHEET 31 OF 35ISSUE STATUS:

FAST TRACK CONSENT

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Road 21

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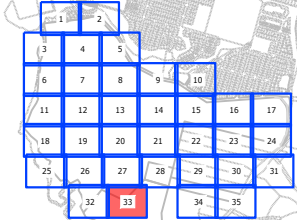
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BEACHLANDS SOUTH, AUCKLAND

TITLE:

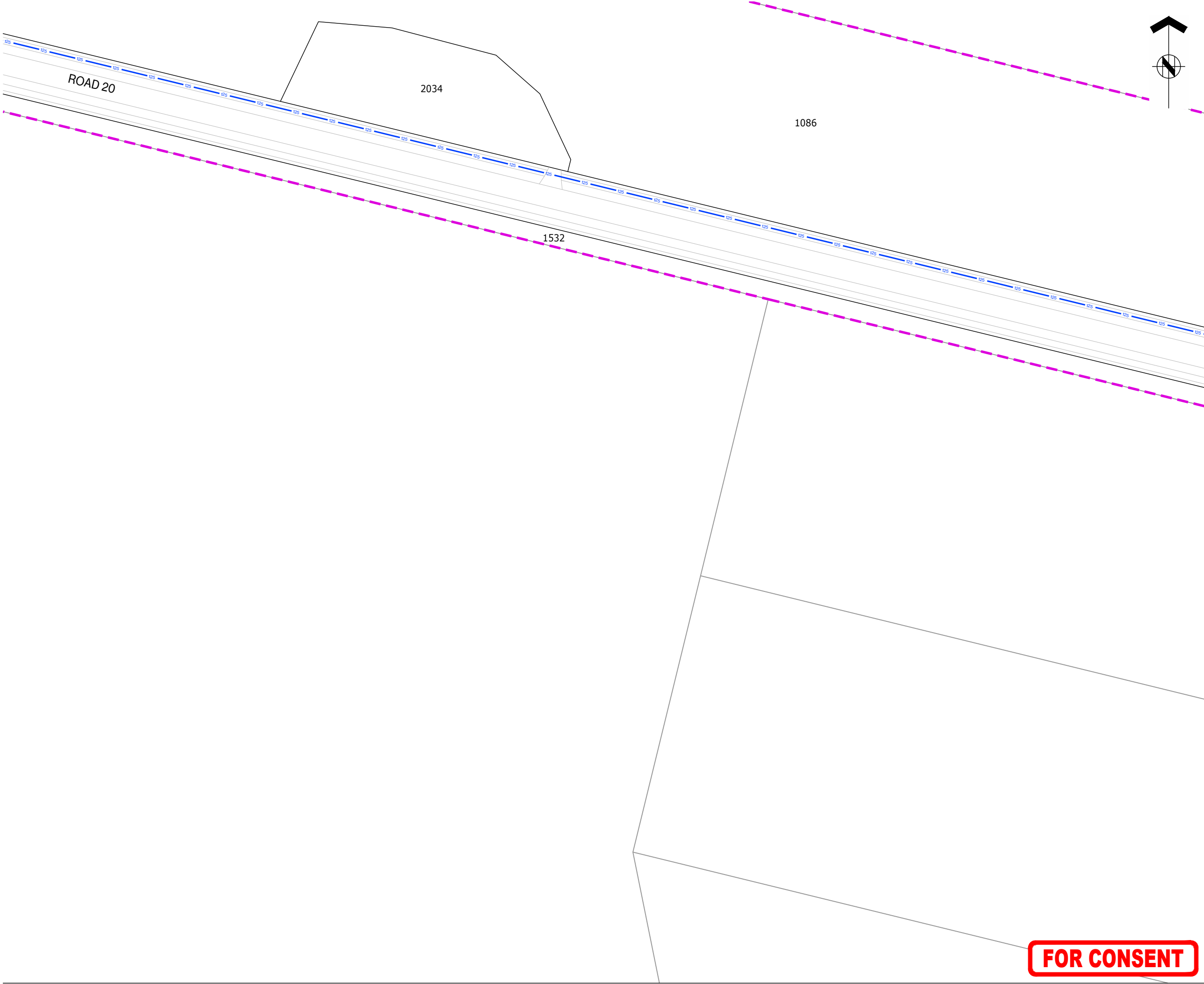
WATER RETICULATION PLAN
SHEET 33 OF 35

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SCT	04.2026		CJM
DRAWN:	DATE:	SIGNED:	PLOT DATE:
SCT	11.2025		11.08.26
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PZS	04.2026		SURVEYED BY
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CJM	04.2026		SURVEYED DATE

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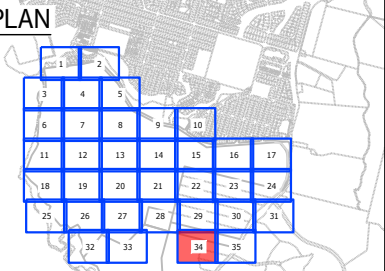
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KEY PLAN



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PROJECT:

BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:

WATER RETICULATION PLAN
SHEET 34 OF 35

ORIGINATOR: SCT	DATE: 04.2026	SIGNED:	PLOT BY: CJM
DRAWN: SCT	DATE: 11.2025	SIGNED:	PLOT DATE: 11.08.26
CHECKED: PZS	DATE: 04.2026	SIGNED:	SURVEY BY: SURVEYED BY
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FAST TRACK CONSENT

PROJECT No: A2515591.00	SCALES: A1 1:500 A3 1:1000	A1
DRAWING No: A2515591.00-6034		REV A

GENERAL CONSTRUCTION NOTES

STANDARDS RELATING TO WORKS

Works shall be carried out to the requirements of the Health & Safety at work in Employment Act 2015

Works shall be completed to Watercare Construction Standards.

MANUFACTURERS SPECIFICATIONS

Materials shall be installed to the Manufacturers requirements unless otherwise specified.

WELDING & FIXINGS

All steelwork shall be workshop fabricated.

Steelwork and fixings shall be hot-dip galvanised to AS/NZS 4680 unless otherwise stated.

A Nickel anti-seize free of copper, lead, sulphides, chlorides & carbons (graphite) shall be used on bolts.

REINFORCING STEEL

Reinforcing shall be centrally placed with the specified minimum cover.

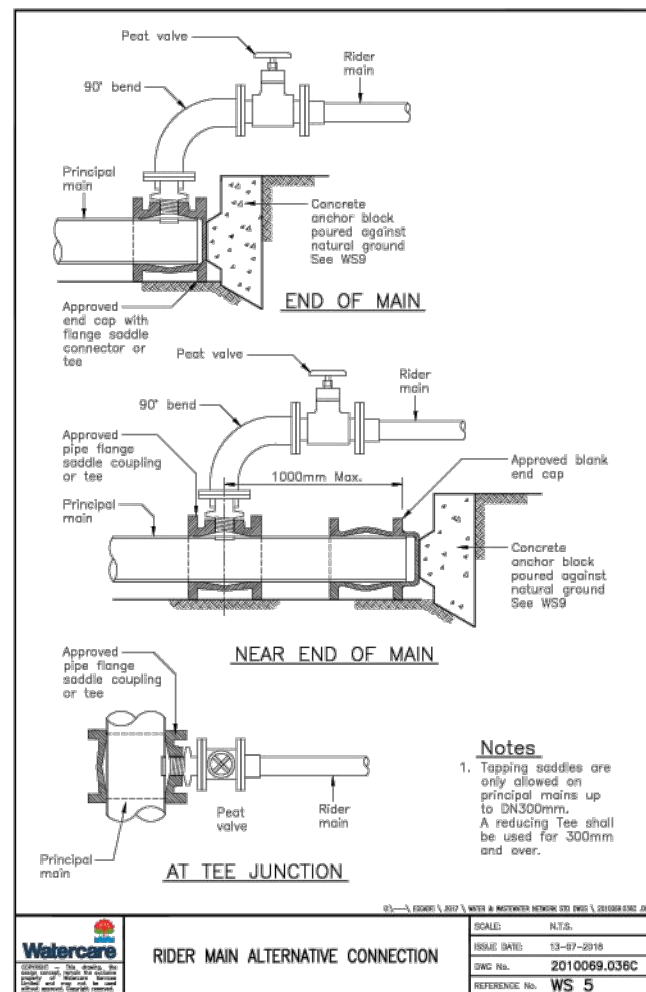
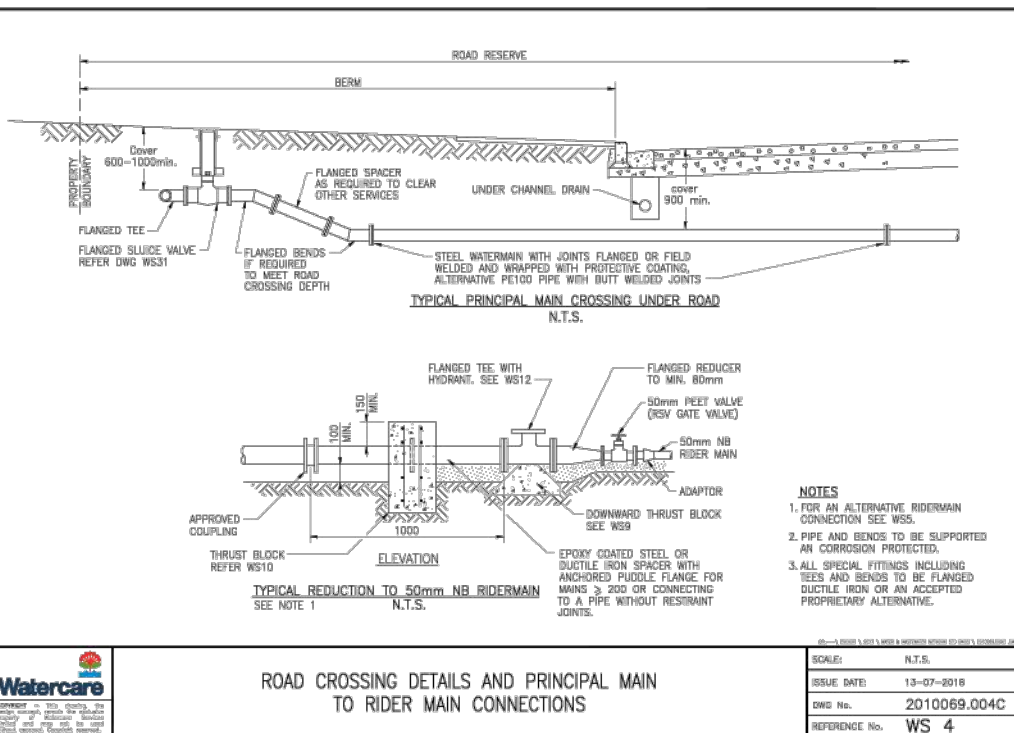
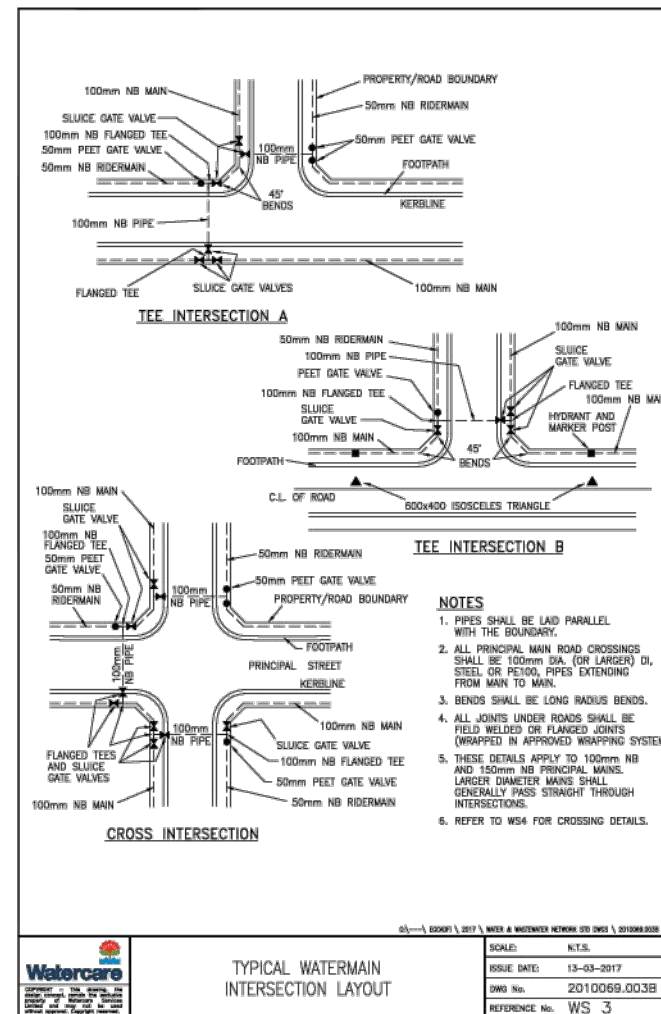
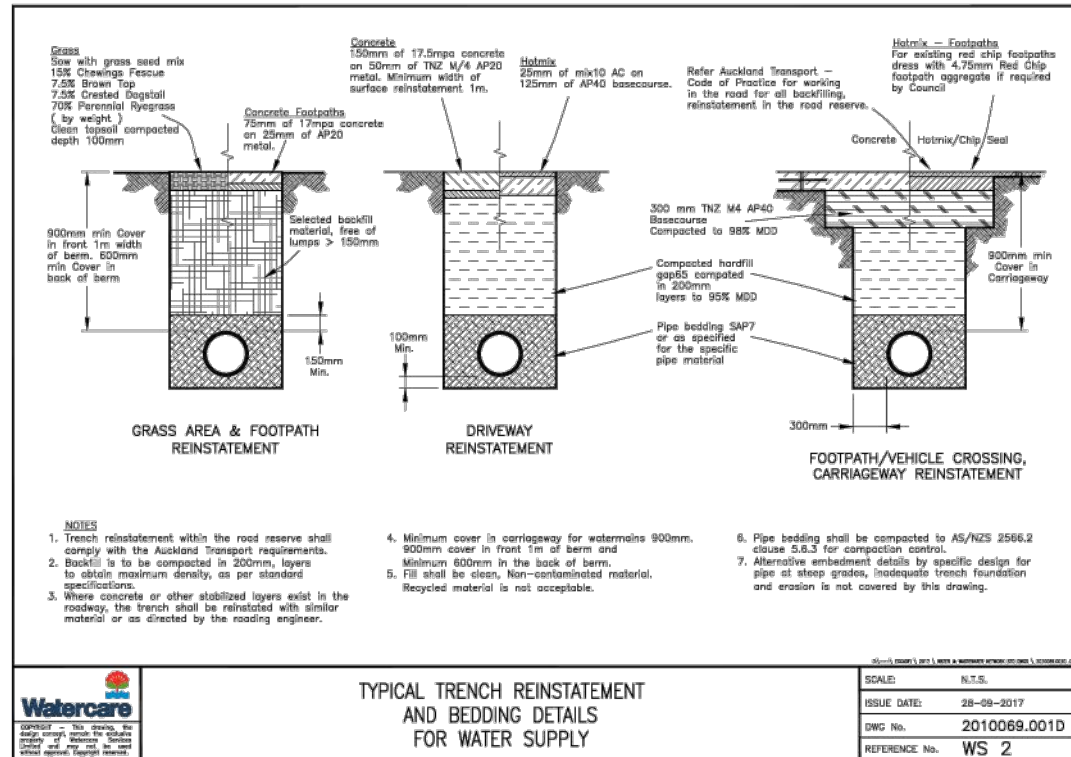
Bends shall be cold formed.

JOINT SEALS

Couplings & Flanges : Per WSL Material Standard.

Concrete joints around pipe penetrations through chambers shall be made with a suitable hydrophilic sealant to the manufacturer's requirements. Concrete repair shall be reinforced and box-cast to prevent cracking from sealant forces.

	GENERAL CONSTRUCTION NOTES	SCALE: N.T.S. ISSUE DATE: 13-07-2018 DWG No. 2010069.002D REFERENCE No. WS 1
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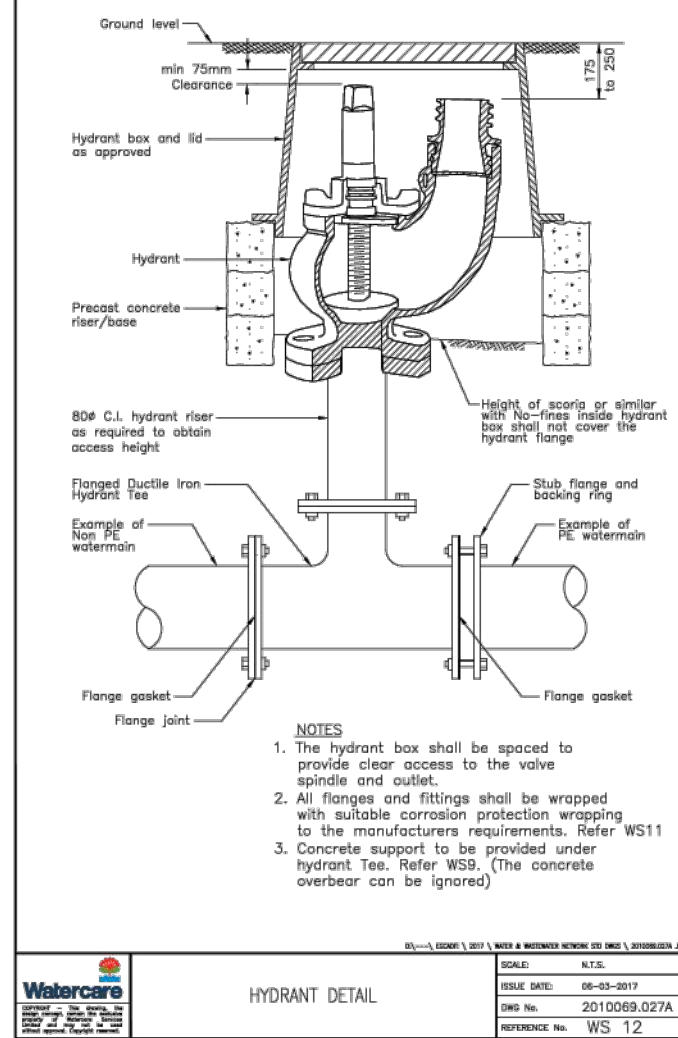
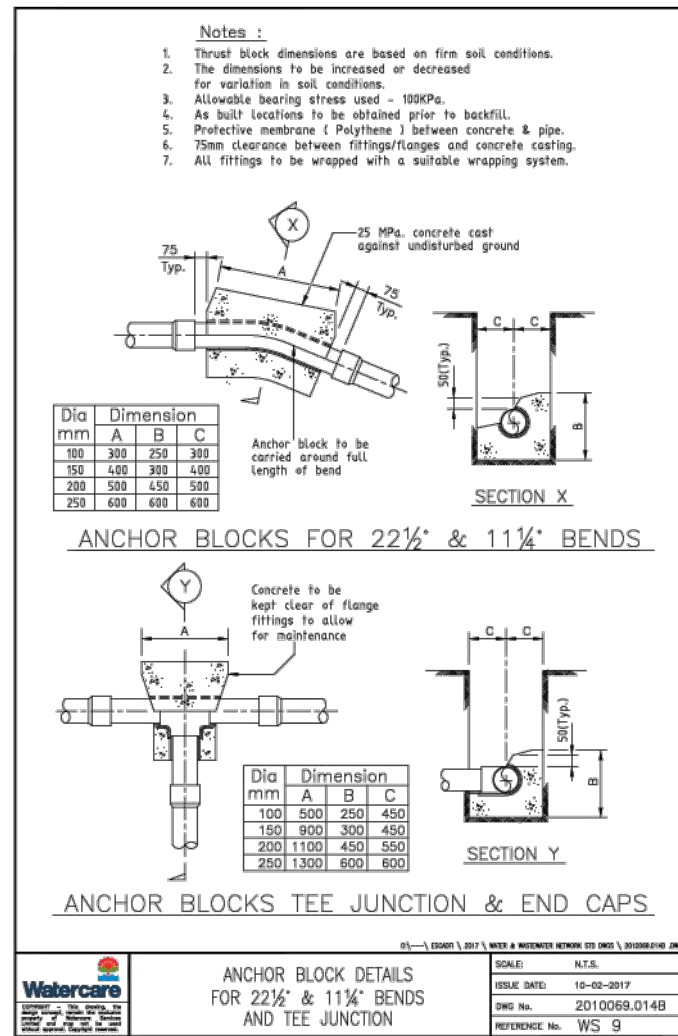
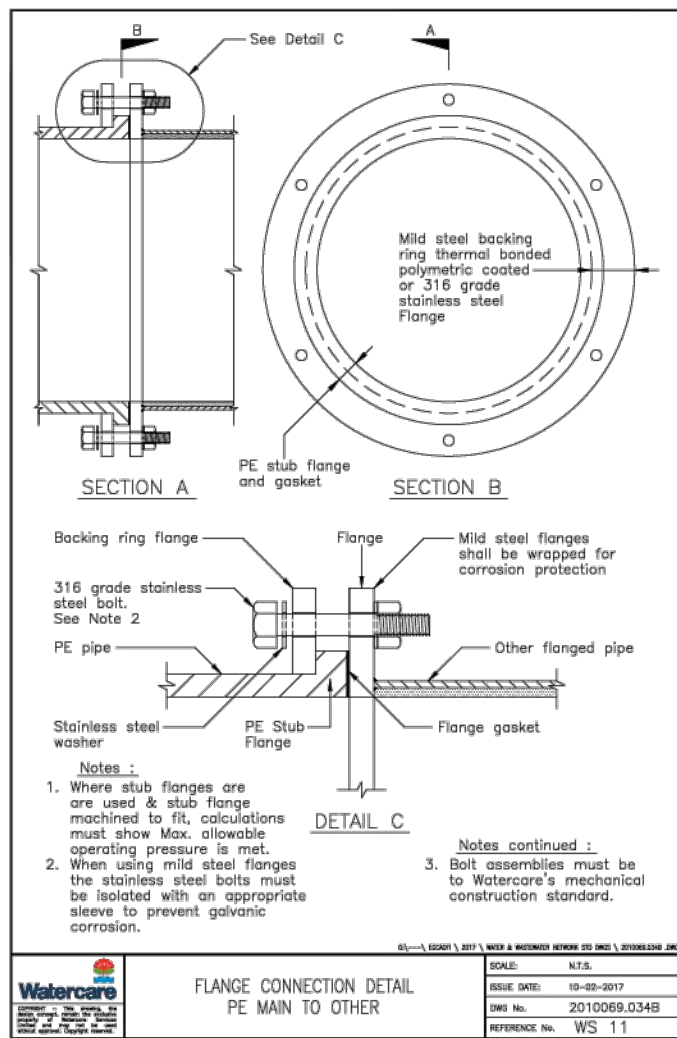
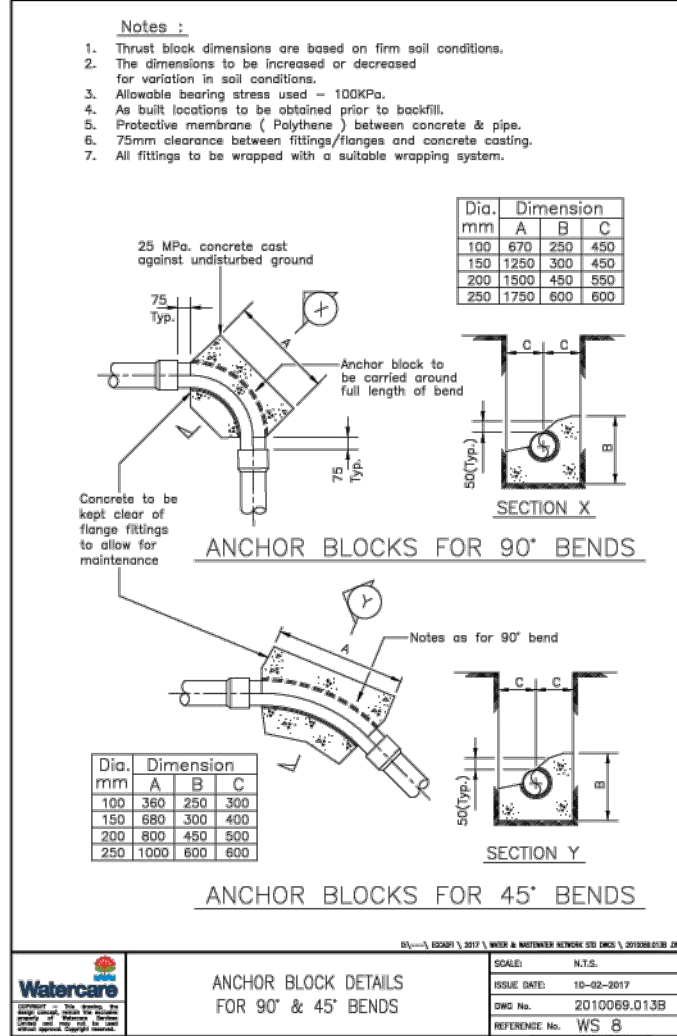
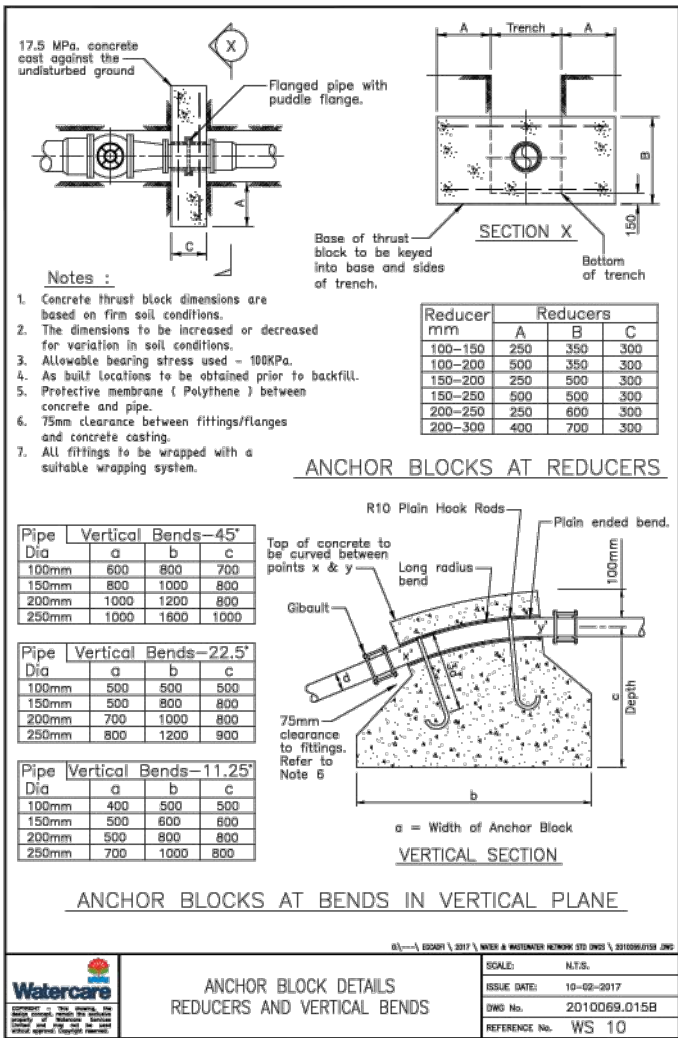
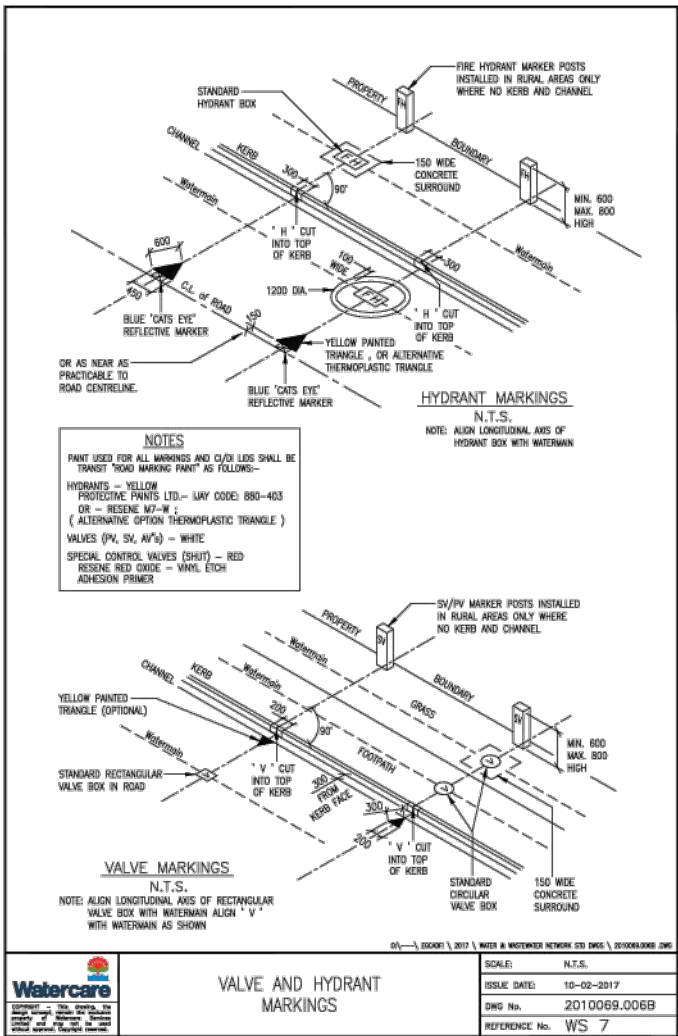
PROJECT:
**BEACHLANDS
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND**

TITLE:
**WATERMAIN STANDARD DETAILS
SHEET 1 OF 3**

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SCN	04.2026		SUT
DRAWN:	DATE:	SIGNED:	PLOT DATE:
SCN	11.2025		11/06/26
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ISSUE STATUS:
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PROJECT No:	SCALE:	NOT TO SCALE	A1
A2515591.00			
DRAWING No:			REV
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PROJECT:
FAST TRACK CONSENT APPLICATION
BEACHLANDS SOUTH, AUCKLAND

TITLE:
WATERMAIN STANDARD DETAILS
SHEET 2 OF 3

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SCT	04.2026		SUT

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PROJECT No: A2515591.00
SCALES: NOT TO SCALE

DRAWING No: A2515591.00-6901

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