

For Completion

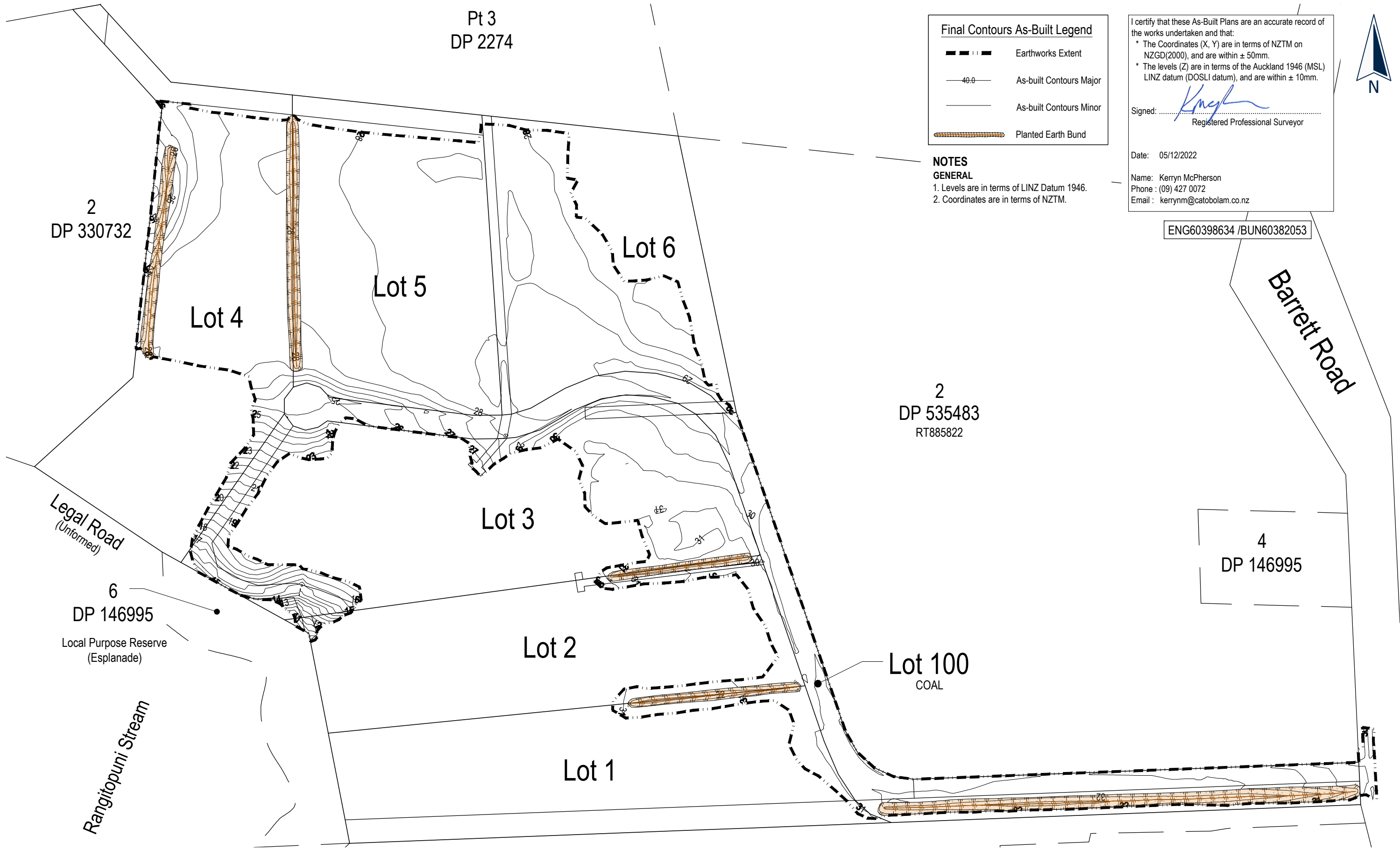


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LOCATION DIAGRAM

Scale 1:7500

Plan No	Rev	Plan Title
Earthworks		
9000	1	Final Contours As-Built Plan
9010	1	Cut to Fill As-Built Plan
Roading		
9100	1	Driveway As-Built Plan
Stormwater		
9300	1	Stormwater As-Built Plan
9301	0	Enlarged Stormwater As-Built Plan



Final Contours As-Built Legend

	Earthworks Extent
	As-built Contours Major
	As-built Contours Minor
	Planted Earth Bund

NOTES GENERAL
 1. Levels are in terms of LINZ Datum 1946.
 2. Coordinates are in terms of NZTM.

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 ± 10mm.

Signed:
 Registered Professional Surveyor

Date: 05/12/2022

Name: Kerry McPherson
 Phone: (09) 427 0072
 Email: kerrym@catobolam.co.nz

ENG60398634 /BUN60382053

2
DP 330732

2
DP 535483
RT885822

4
DP 146995

6
DP 146995
Local Purpose Reserve
(Esplanade)

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Cabra Developments Limited
 951 Coatesville Riverhead Highway
 Riverhead

Final Contours
 As-Built
 Plan

No.	REVISION (DESCRIPTIONS)	NAME	DATE
0	Issued For Completion	K.McPherson	25/11/2022
1	Extent of Earthworks Updated Issued For Completion	K.McPherson	05/12/2022

FOR COMPLETION

SURVEYED	NAME	DATE
DESIGNED	H.Baker	16/11/2022
DRAWN	B.Nel	17/11/2022
DATE	ORIGINAL SCALE	ORIGINAL SIZE
17/11/2022	1:1500	A3
DRAWING NO.	REVISION	
43252-DR-SU-9000	1	

Pt 3
DP 2274

Cut / Fill As-Built Legend

- 1.0 — 0 Contour
- 1.0 — Cut Contours & Area
- 0.5 — Fill Contours & Area
- Subsoil Drainage (150Ø) with depth
- Extent Earthworks

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Phone: (09) 427 0072
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2
DP 330732

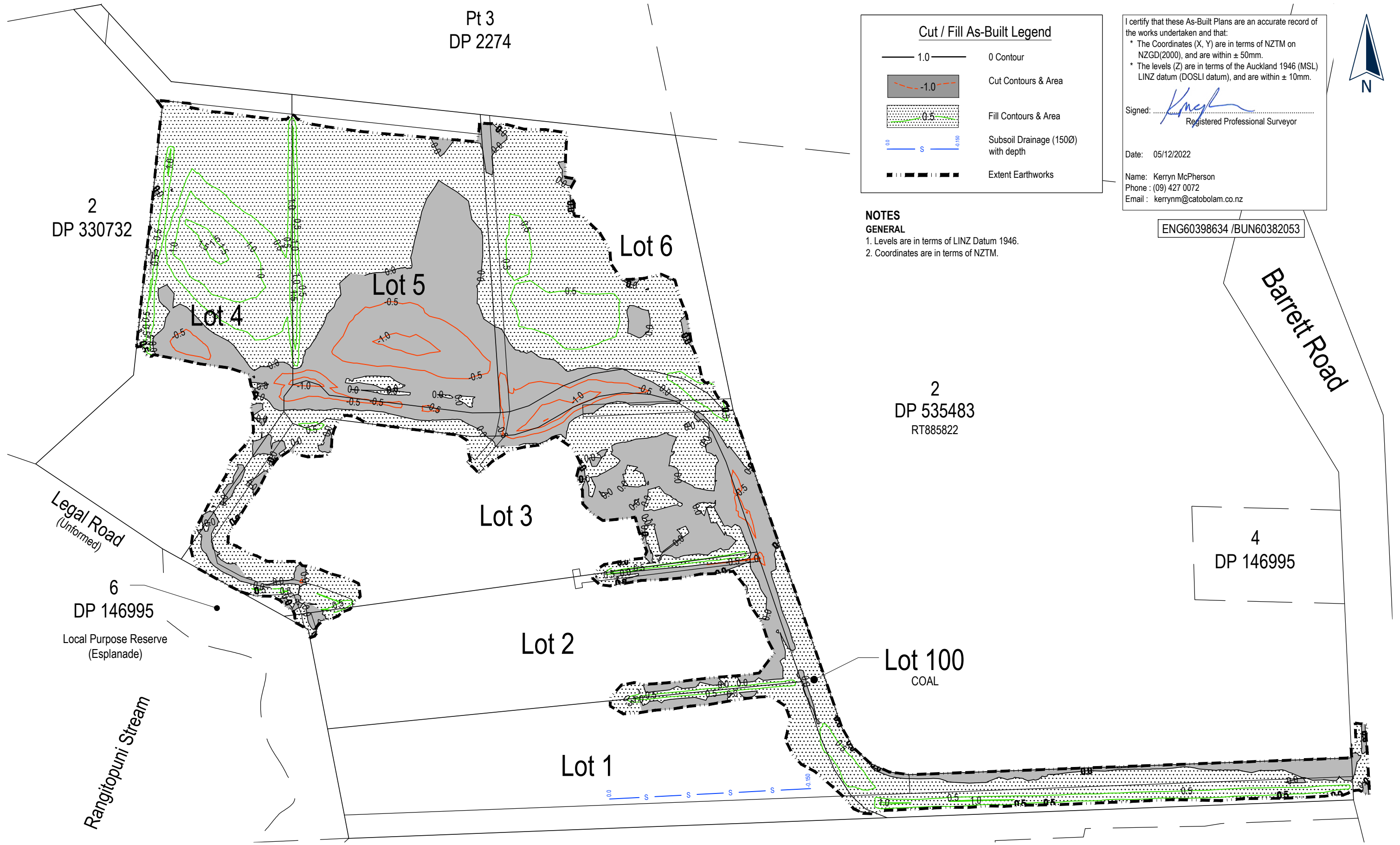
ENG60398634 /BUN60382053

NOTES
GENERAL

1. Levels are in terms of LINZ Datum 1946.
2. Coordinates are in terms of NZTM.

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DP 535483
RT885822

4
DP 146995



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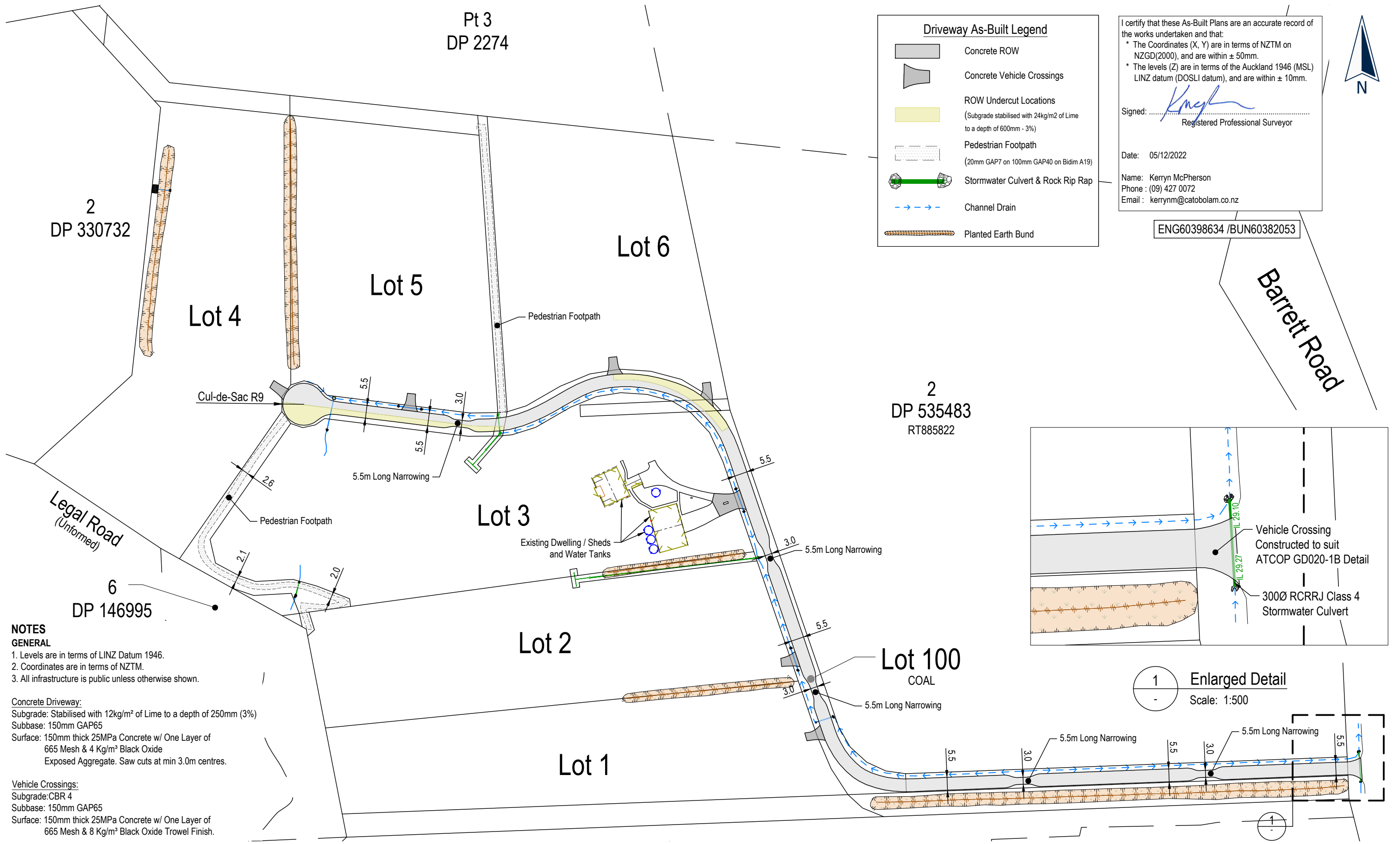
Cabra Developments Limited
951 Coatesville Riverhead Highway
Riverhead

Cut to Fill
As-Built
Plan

No.	REVISION (DESCRIPTIONS)	NAME	DATE
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FOR COMPLETION

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DESIGNED		
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DATE	17/11/2022	ORIGINAL SCALE
		1:1500
DRAWING NO.	43252-DR-SU-9010	ORIGINAL SIZE
		A3
		REVISION
		1



Driveway As-Built Legend

- Concrete ROW
- Concrete Vehicle Crossings
- ROW Undercut Locations (Subgrade stabilised with 24kg/m² of Lime to a depth of 600mm - 3%)
- Pedestrian Footpath (20mm GAP7 on 100mm GAP40 on Bidim A19)
- Stormwater Culvert & Rock Rip Rap
- Channel Drain
- Planted Earth Bund

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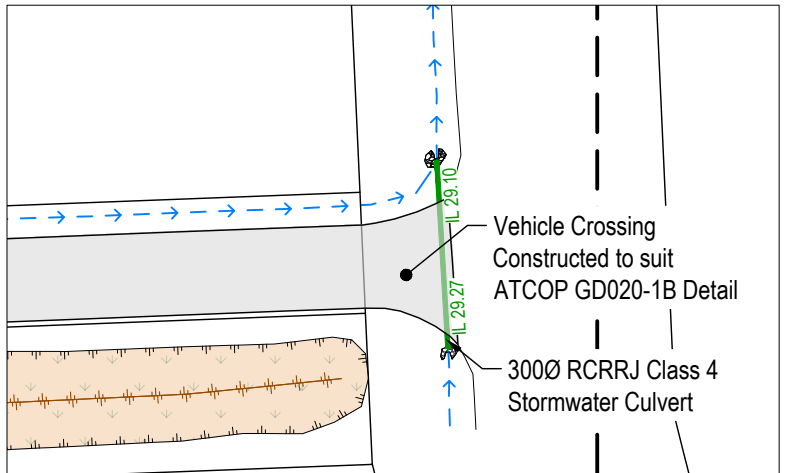
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Signed: *Kneiph*
Registered Professional Surveyor

Date: 05/12/2022

Name: Kerryn McPherson
Phone: (09) 427 0072
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ENG60398634 /BUN60382053



1 Enlarged Detail
Scale: 1:500

NOTES GENERAL

1. Levels are in terms of LINZ Datum 1946.
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3. All infrastructure is public unless otherwise shown.

Concrete Driveway:
Subgrade: Stabilised with 12kg/m² of Lime to a depth of 250mm (3%)
Subbase: 150mm GAP65
Surface: 150mm thick 25MPa Concrete w/ One Layer of 665 Mesh & 4 Kg/m³ Black Oxide
Exposed Aggregate. Saw cuts at min 3.0m centres.

Vehicle Crossings:
Subgrade: CBR 4
Subbase: 150mm GAP65
Surface: 150mm thick 25MPa Concrete w/ One Layer of 665 Mesh & 8 Kg/m³ Black Oxide Trowel Finish.

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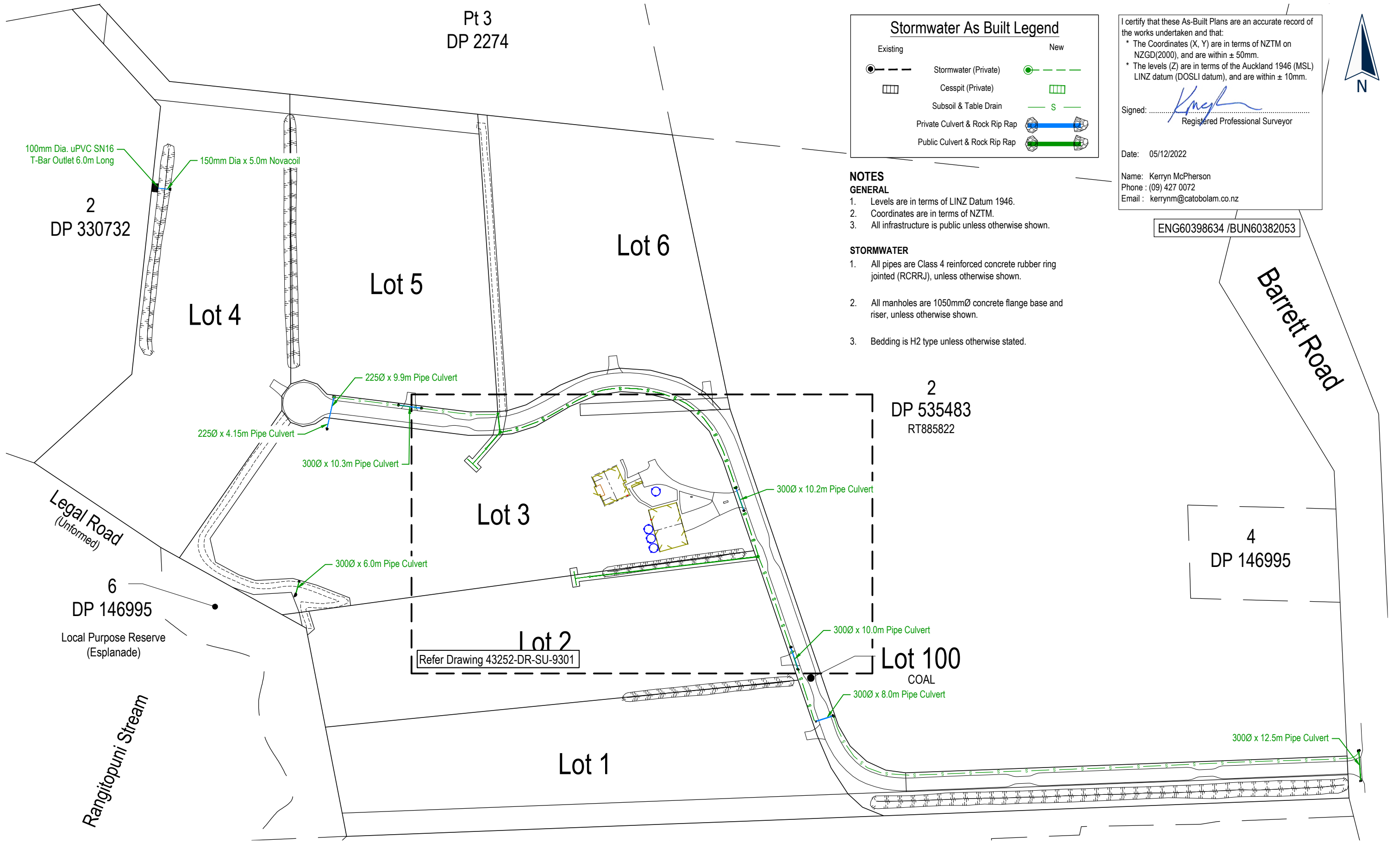
Cabra Developments Limited
951 Coatesville Riverhead Highway
Riverhead

Driveway
As-Built
Plan

No.	REVISION (DESCRIPTIONS)	NAME	DATE
0	Issued For Completion	K.McPherson	25/11/2022
1	T-Bar and Bund Culvert Added Issued For Completion	K.McPherson	05/12/2022

FOR COMPLETION

	NAME	DATE
SURVEYED	H.Baker	16/11/2022
DESIGNED		
DRAWN	B.Nel	17/11/2022
DATE	17/11/2022	ORIGINAL SCALE
		1:1500
DRAWING NO.	43252-DR-SU-9100	ORIGINAL SIZE
		A3
		REVISION
		1

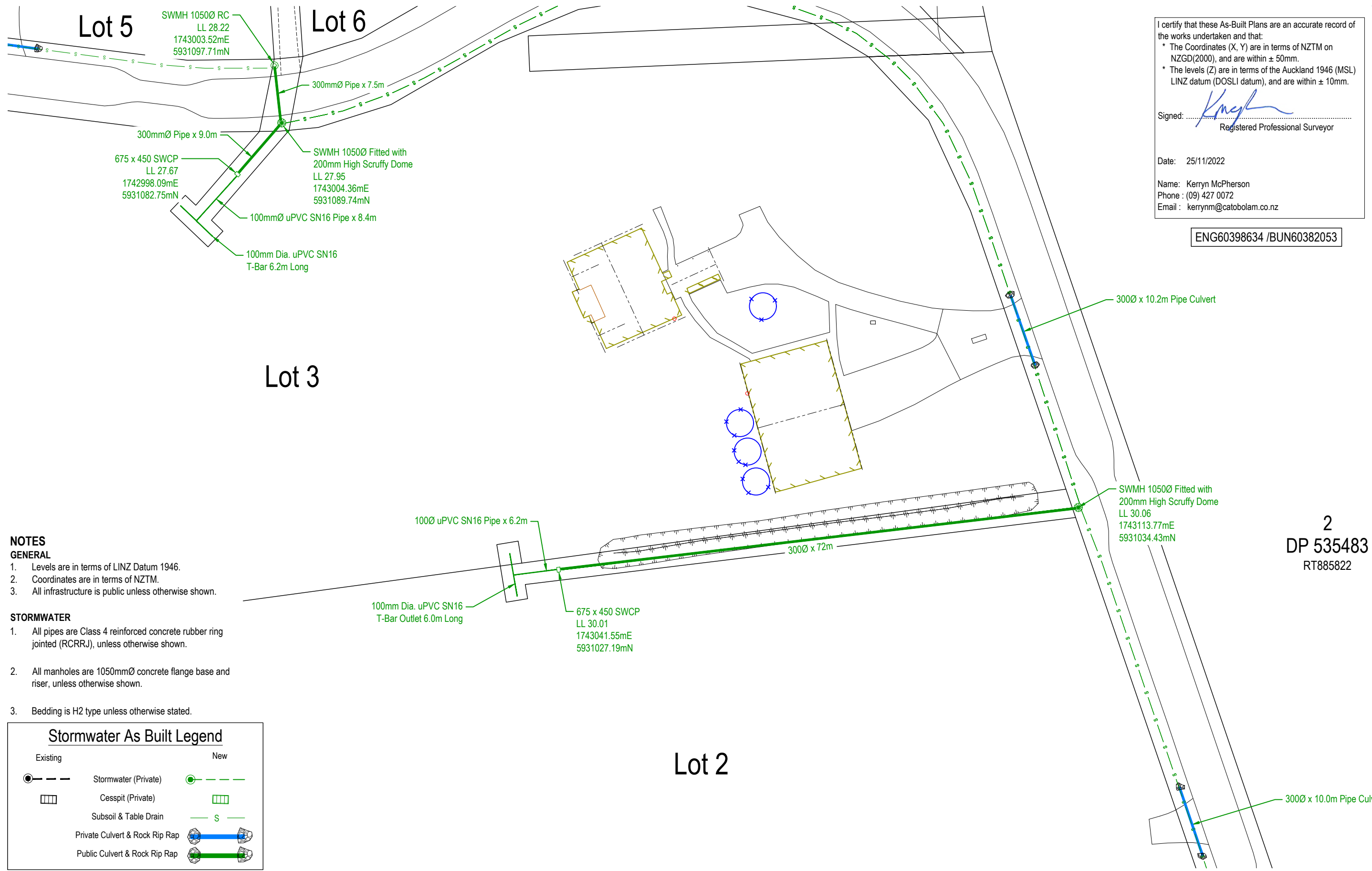


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No.	REVISION (DESCRIPTIONS)	NAME	DATE
0	Issued For Completion	K.McPherson	25/11/2022
1	T-Bar and Bund Culvert Added Issued For Completion	K.McPherson	05/12/2022

FOR COMPLETION

SURVEYED		NAME	DATE
DESIGNED		H.Baker	16/11/2022
DRAWN		B.Nel	17/11/2022
DATE	ORIGINAL SCALE	ORIGINAL SIZE	
17/11/2022	1:1500	A3	
DRAWING NO.			REVISION
43252-DR-SU-9300			1



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Signed: *Kerryn McPherson*
Registered Professional Surveyor

Date: 25/11/2022

Name: Kerryn McPherson
Phone: (09) 427 0072
Email: kerrynm@catobolam.co.nz

ENG60398634 /BUN60382053

2
DP 535483
RT885822

NOTES
GENERAL

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3. All infrastructure is public unless otherwise shown.

STORMWATER

1. All pipes are Class 4 reinforced concrete rubber ring jointed (RCRRJ), unless otherwise shown.
2. All manholes are 1050mmØ concrete flange base and riser, unless otherwise shown.
3. Bedding is H2 type unless otherwise stated.

Stormwater As Built Legend	
Existing	New

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Cabra Developments Limited
951 Coatesville Riverhead Highway
Riverhead

Enlarged Stormwater
As-Built
Plan

No.	REVISION (DESCRIPTIONS)	NAME	DATE
0	Issued For Completion	K.McPherson	25/11/2022

FOR COMPLETION

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DRAWN		B.Nel	17/11/2022
DATE	ORIGINAL SCALE	ORIGINAL SIZE	
17/11/2022	1:500	A3	
DRAWING NO.			REVISION
43252-DR-SU-9301			0