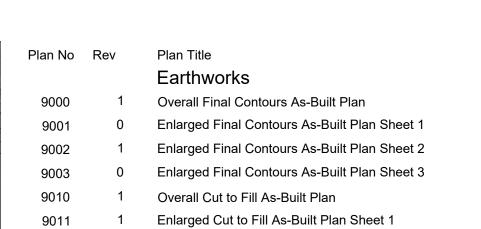
40352 - Cabra Developments Limited - 22 Vintry Drive, Huapai Stage 2



PLANNERS | SURVEYORS | ENGINEERS ARCHITECTS | ENVIRONMENTAL

For Completion



Enlarged Cut to Fill As-Built Plan Sheet 2

Enlarged Cut to Fill As-Built Plan Sheet 3

Roading

9012 9013

9100	0	Overall Roading As-Built Plan
9101	0	Enlarged Roading As-Built Plan

Wastewater

9200	2	Overall PWC Sewer As-Built Plan
9201	2	Enalrged PWC Sewer As-Built Plan

Stormwater

9300	0	Overall Stormwater As-Built Plan
9301	1	Enlarged Stormwater As-Built Plan Sheet 1
9302	0	Enlarged Stormwater As-Built Plan Sheet 2
9303	1	Enlarged Stormwater & Raingarden As-Built Details
		MALE DE CLEC

Water Reticulation

400	2	Overall Water Reticulation As-Built Plan
9401	2	Enlarged Water Reticulation As-Built Plan

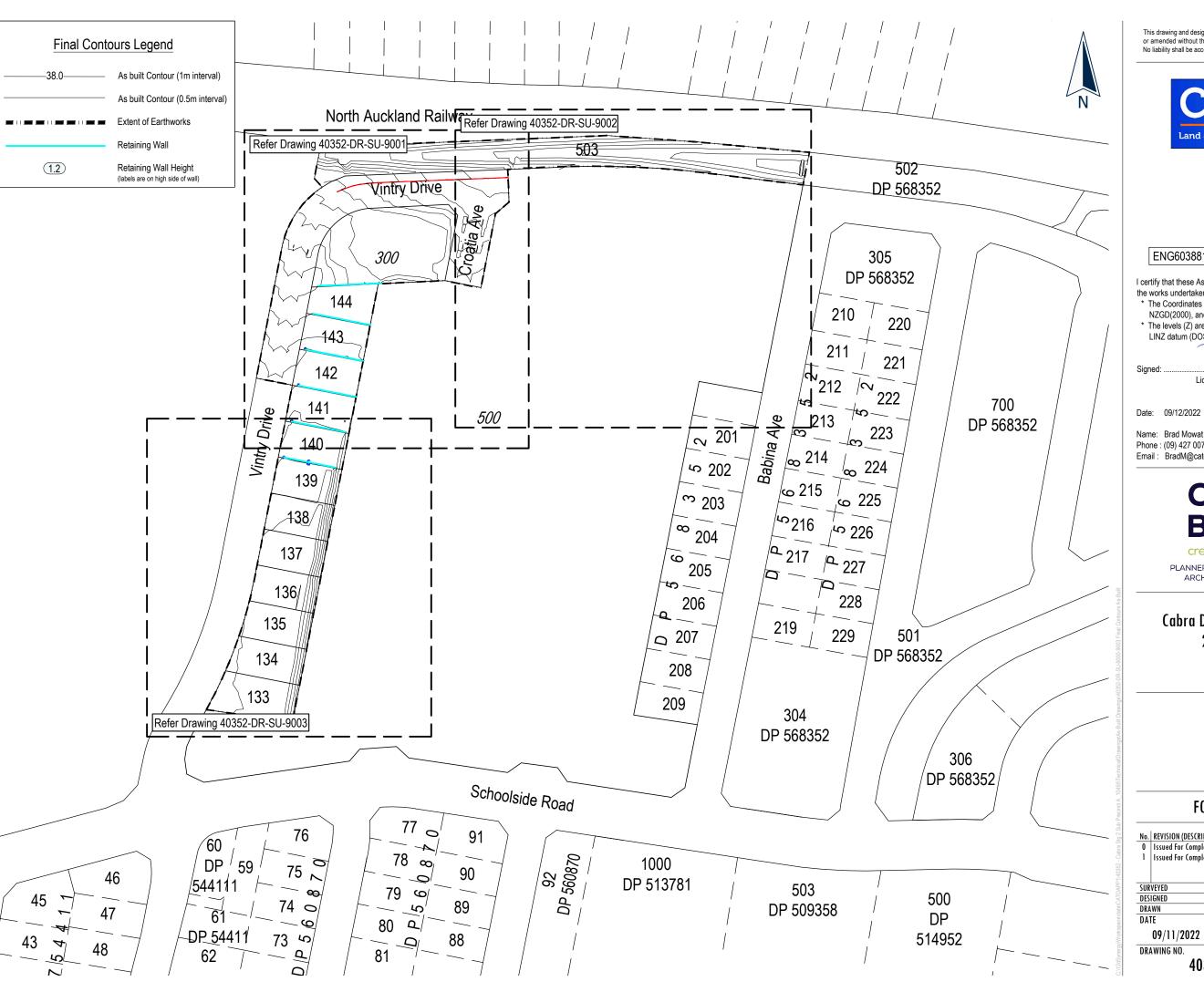
Zone of Influence

9800	0	Overall Zone of Influence As-Built Plan
9801	0	Enlarged Zone of Influence As-Built Plan Sheet 1
9802	0	Enlarged Zone of Influence As-Built Plan Sheet 2



LOCATION DIAGRAM
Scale 1:5000







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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 ± 10mm.

Signed: Licensed Cadastral Surveyor

Name: Brad Mowat Phone: (09) 427 0072 Email: BradM@catobolam.co.nz



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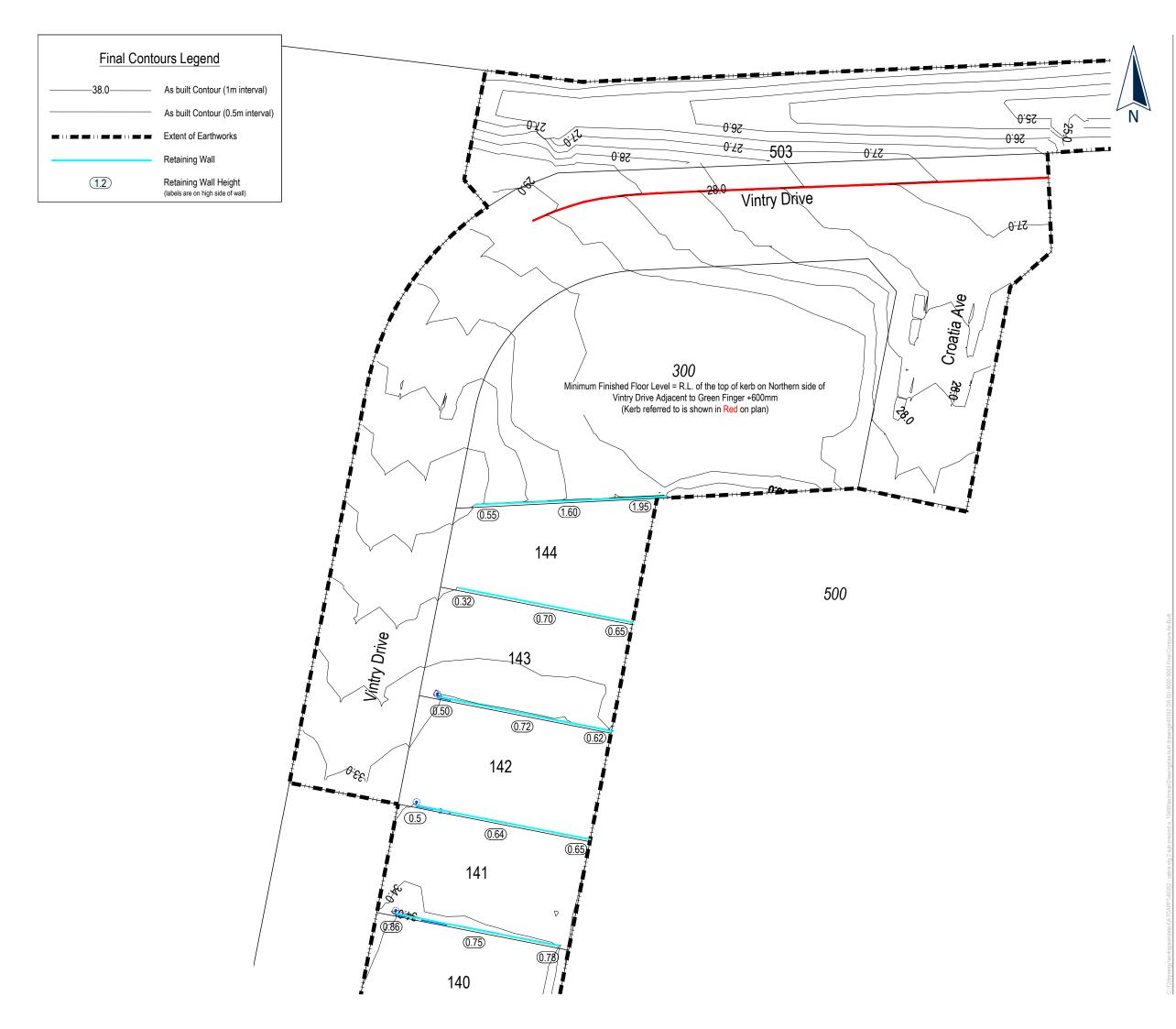
PLANNERS | SURVEYORS | ENGINEERS ARCHITECTS | ENVIRONMENTAL

Cabra Developments Limited 22 Vintry Drive Huapai

Overall **Final Contours** As-Built Plan

FOR COMPLETION

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No.	REVISION (DESCRIPT	(IONS)		NAME	DATE
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DES	IGNED		E	.Greene	06/07/2021
DRA	AWN			B.Nel	09/11/2022
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Name: Kerryn McPherson Phone: (09) 427 0072 Email: KerrynM@catobolam.co.nz

Date: 02/12/2022



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Cabra Developments Limited 22 Vintry Drive Huapai

Enlarged Final Contours As-Built Plan Sheet 1

FOR COMPLETION

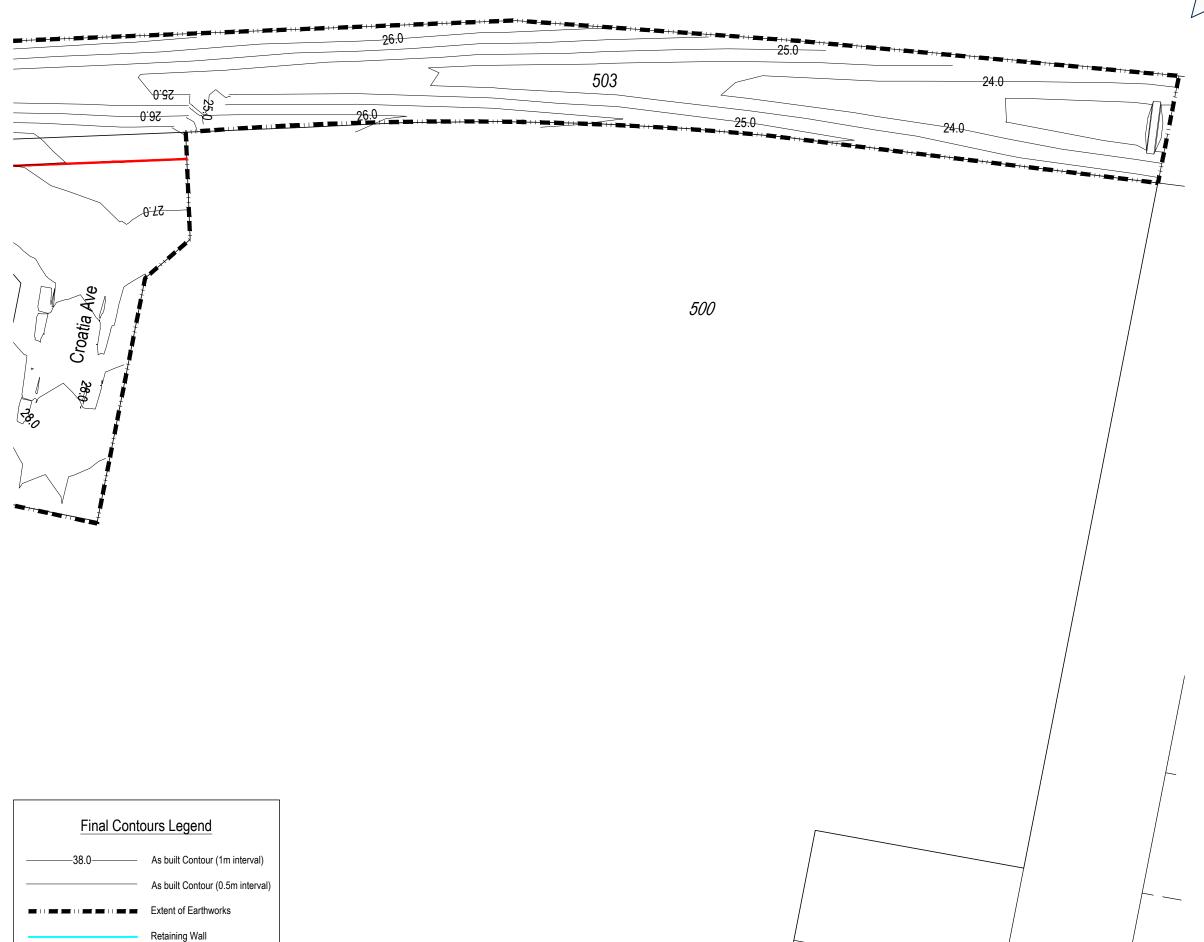
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DESIGNED			E.Greene		06/07/2021
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Retaining Wall Height (labels are on high side of wall)

(1.2)

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Signed:Licensed Cadastral Surveyor

Date: 09/12/2022

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Email: BradM@catobolam.co.nz



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Cabra Developments Limited 22 Vintry Drive Huapai

Enlarged Final Contours As-Built Plan Sheet 2

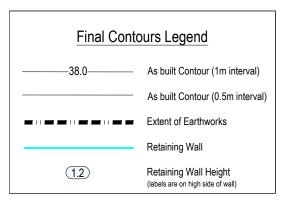
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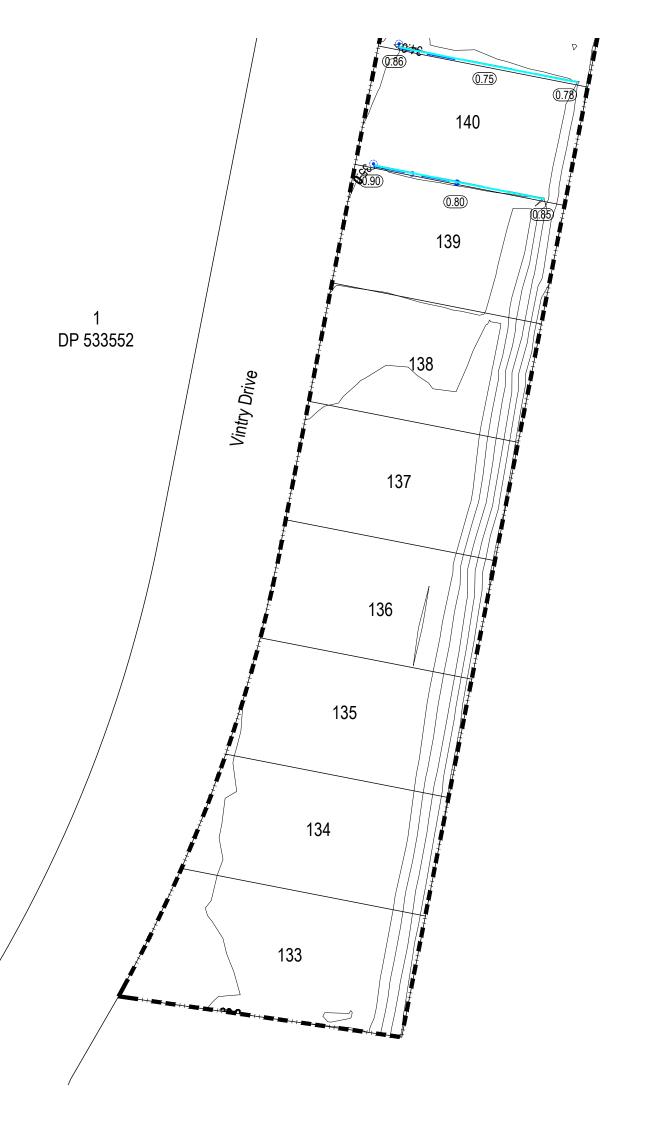
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DESIGNED		E.Greene		06/07/2021
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Signed: Registered Professional Surveyor

Date: 02/12/2022

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Cabra Developments Limited 22 Vintry Drive Huapai

Enlarged Final Contours As-Built Plan Sheet 3

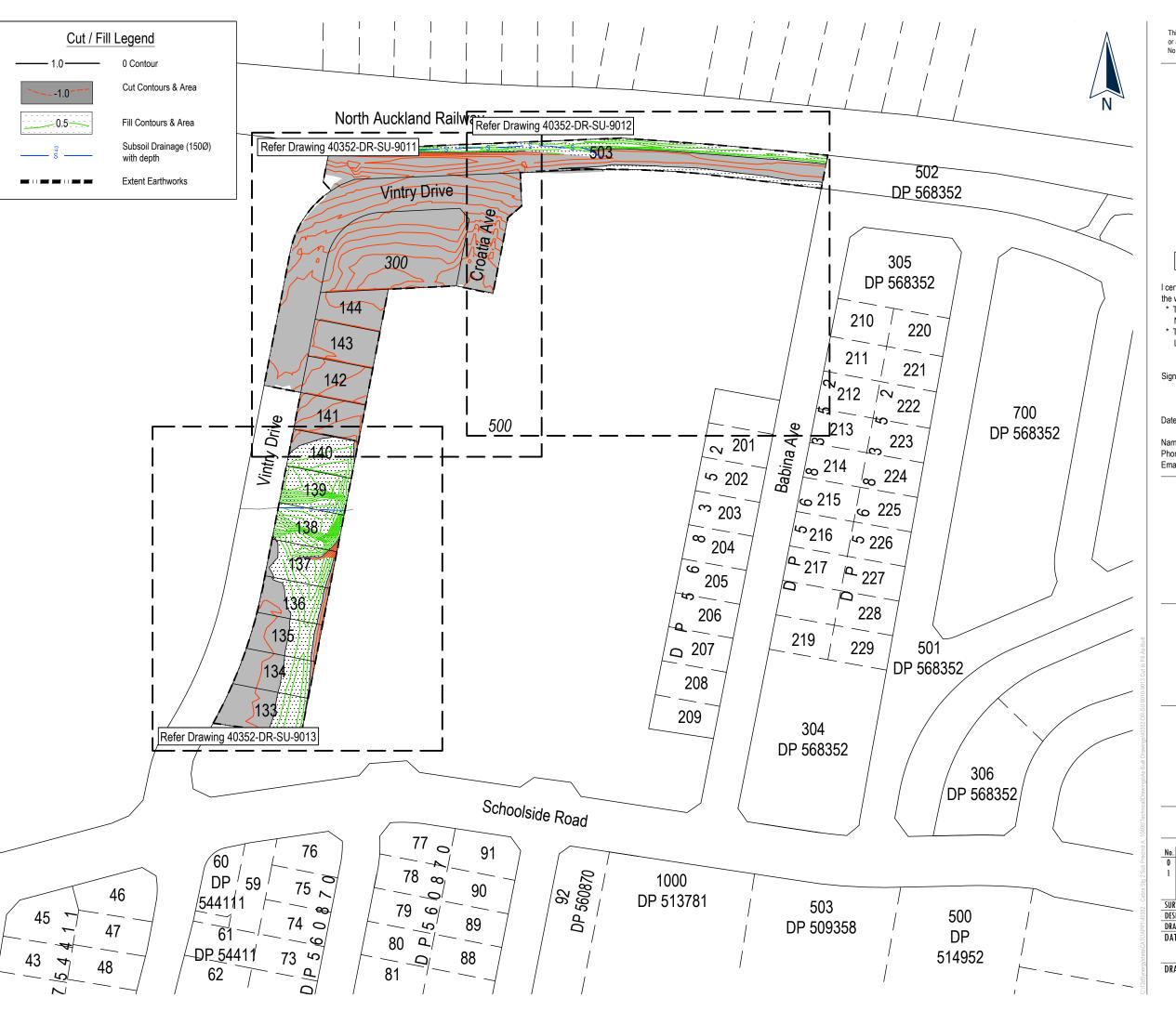
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SUR	VEYED			H.Baker	07/11/	2022
DES	IGNED		E	.Greene	06/07	2021
DRA	WN			B.Nel	09/11	2022
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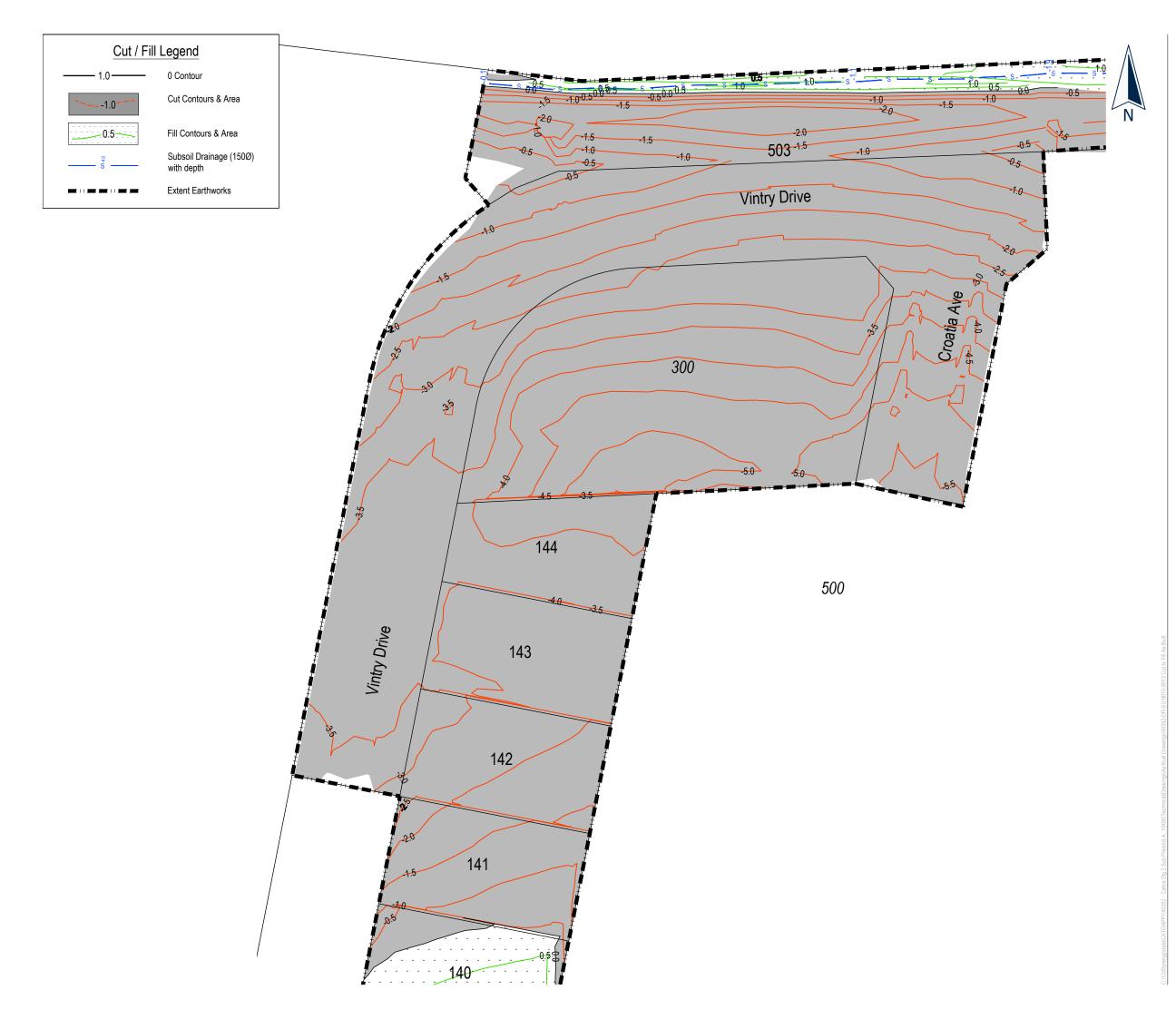
Cabra Developments Limited 22 Vintry Drive Huapai

Overall Cut to Fill As-Built Plan

FOR COMPLETION

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			B.Nel	08/11/2022
		E	.Greene	06/07/2021
			H.Baker	07/11/2022
Issued For Completion Updated subsoil depths and undercut			Niddeldorp Niddeldorp	02/12/2022 07/12/2022
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DRAWING NO.





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Signed:Registered Professional Surveyor

Date: 07/12/2022

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Email: KerrynM@catobolam.co.nz



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Cabra Developments Limited 22 Vintry Drive Huapai

Enlarged Cut to Fill As-Built Plan Sheet 1

FOR COMPLETION

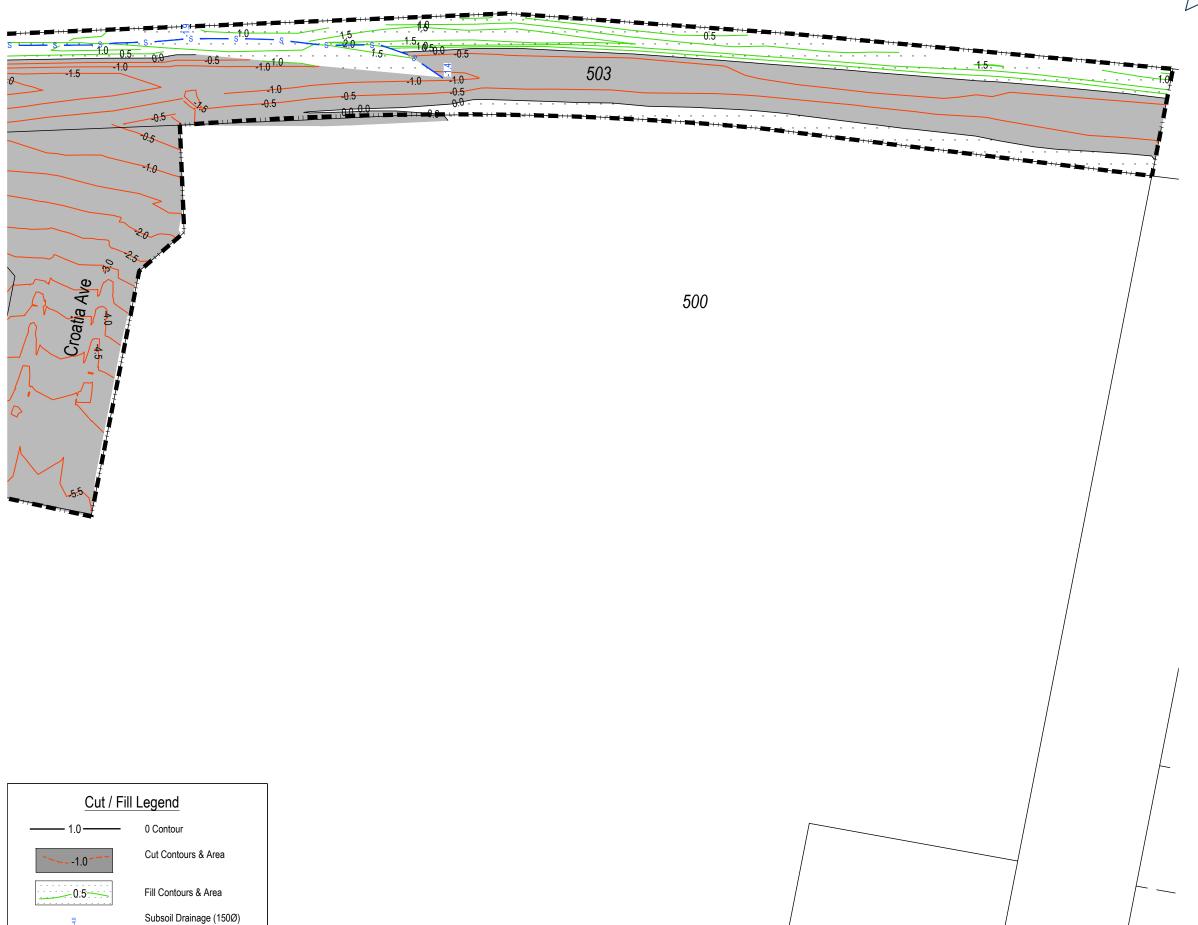
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DES	IGNED		E.Greene		06/07/2021
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Extent Earthworks

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Signed: Registered Professional Surveyor

Date: 07/12/2022

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Cabra Developments Limited 22 Vintry Drive Huapai

Enlarged Cut to Fill As-Built Plan Sheet 2

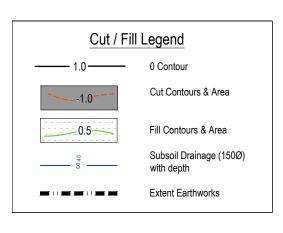
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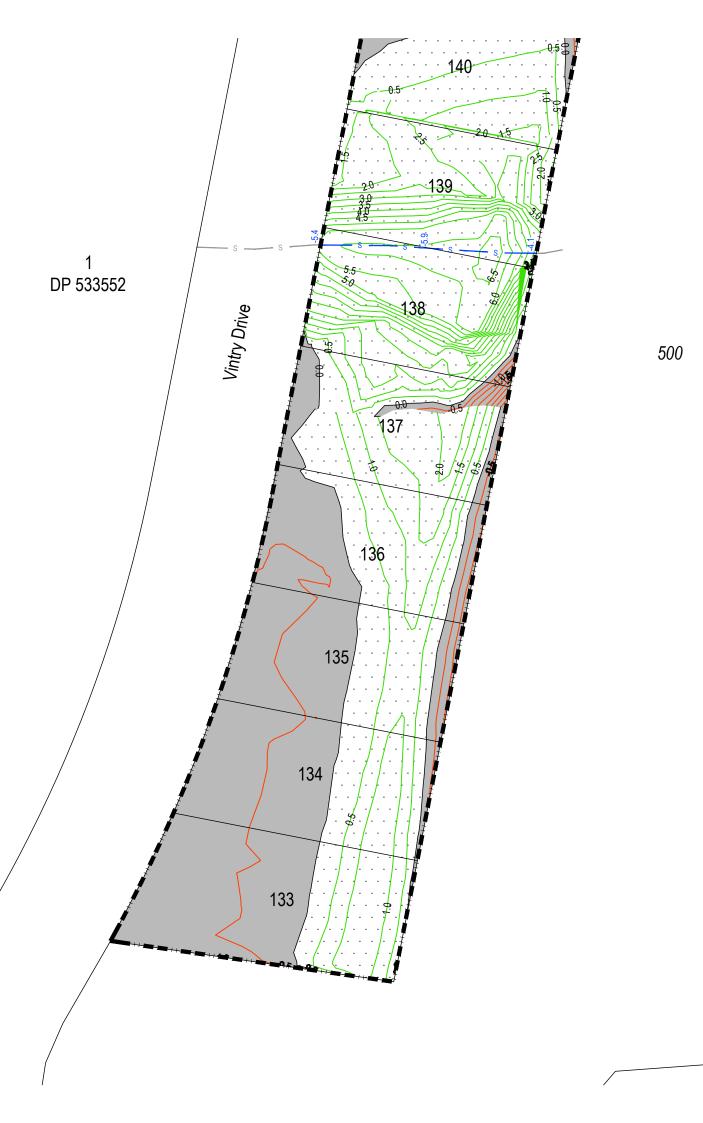
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SUR	SURVEYED		H.Baker		07/11/2022
DES	IGNED		E.Greene		06/07/2021
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Signed: Registered Professional Surveyor

Date: 07/12/2022

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Cabra Developments Limited 22 Vintry Drive Huapai

Enlarged Cut to Fill As-Built Plan Sheet 3

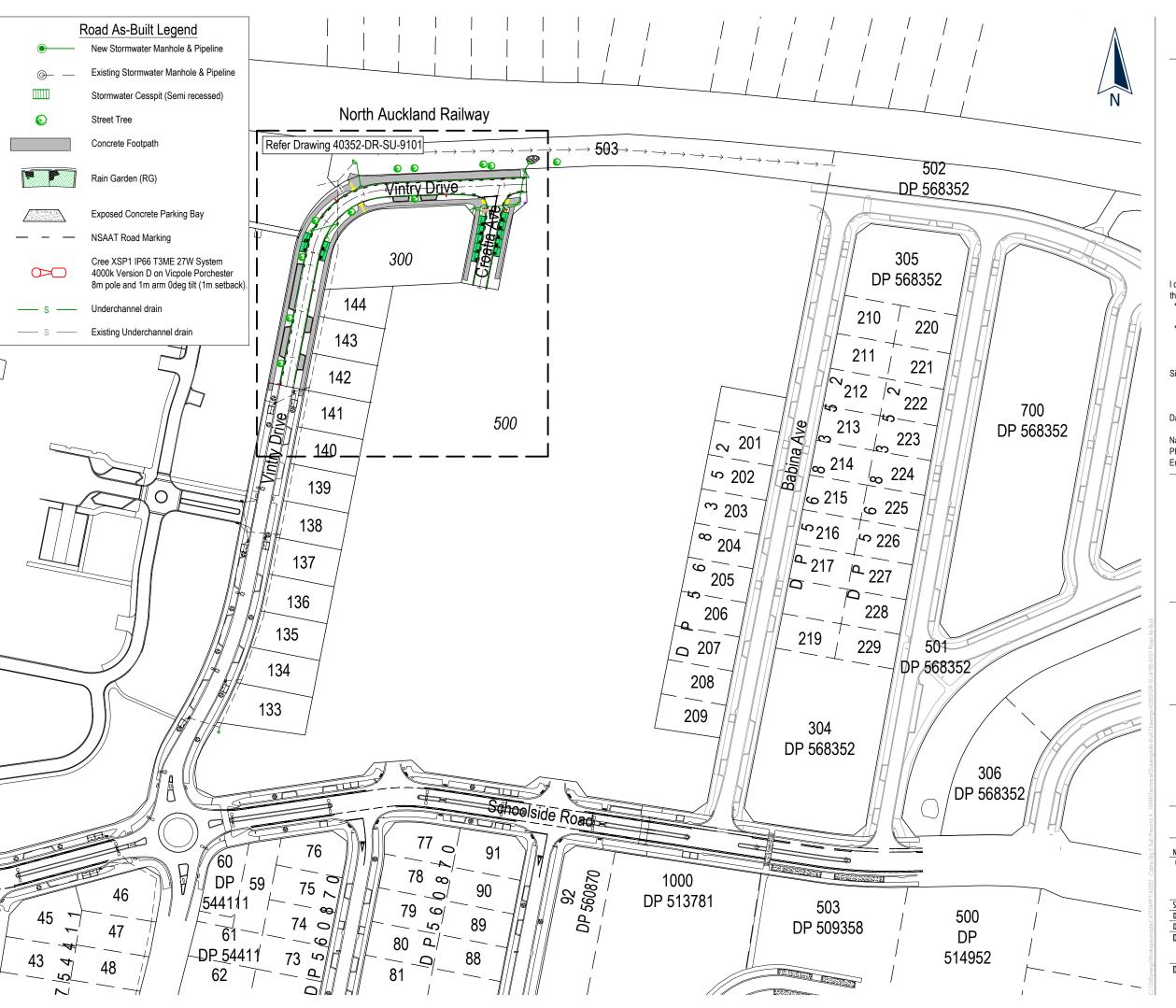
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Date: 02/12/2022

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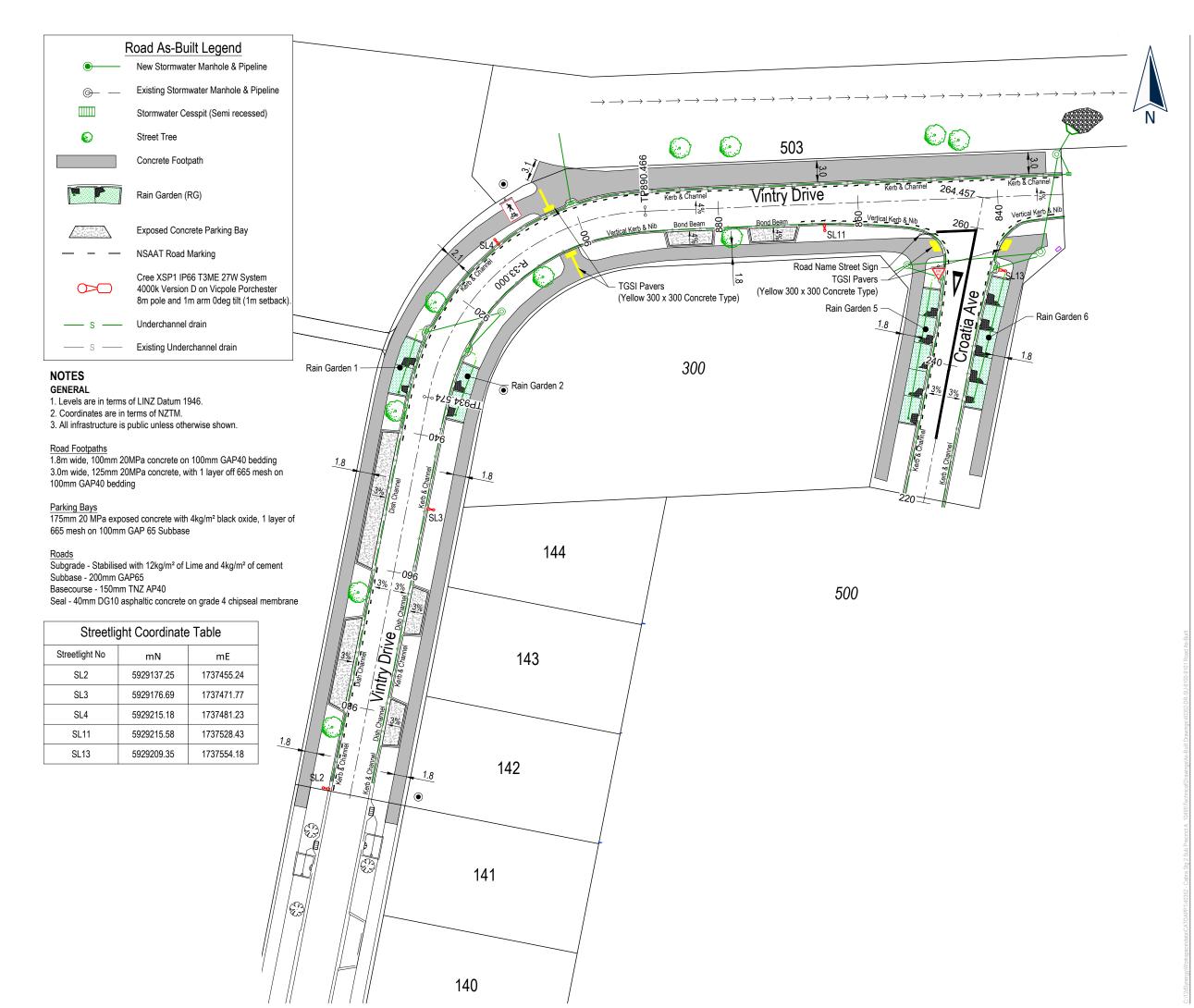
PLANNERS | SURVEYORS | ENGINEERS ARCHITECTS | ENVIRONMENTAL

Cabra Developments Limited 22 Vintry Drive Huapai

Overall Roading As-Built Plan

FOR COMPLETION

No.	REVISION (DESCRIPT	TIONS)		NAME	DATE
0	Issued For Completion		K.Middeldorp		02/12/2022
SUR	VEYED			H.Baker	07/11/2022
DES	IGNED				06/07/2021
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- * The levels (Z) are in terms of the Auckland 1946 (MSL) LINZ datum (DOSLI datum), and are within ± 10mm.



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Cabra Developments Limited 22 Vintry Drive Huapai

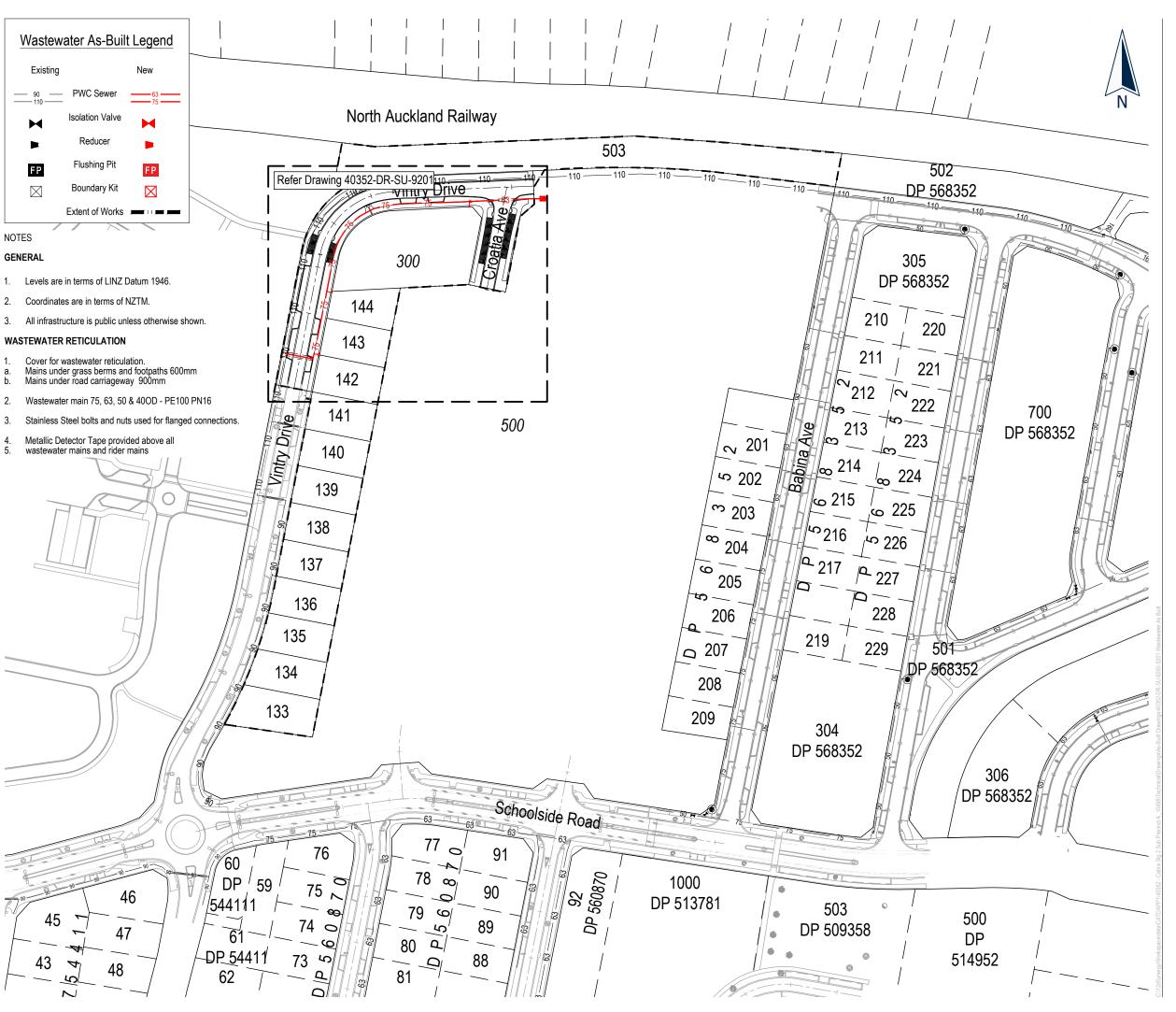
Enlarged Roading As-Built Plan

FOR COMPLETION

No.	REVISION (DESCRIPT	rions)		NAME	DATE
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- NZGD(2000), and are within ± 50mm.
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Date: 02/12/2022

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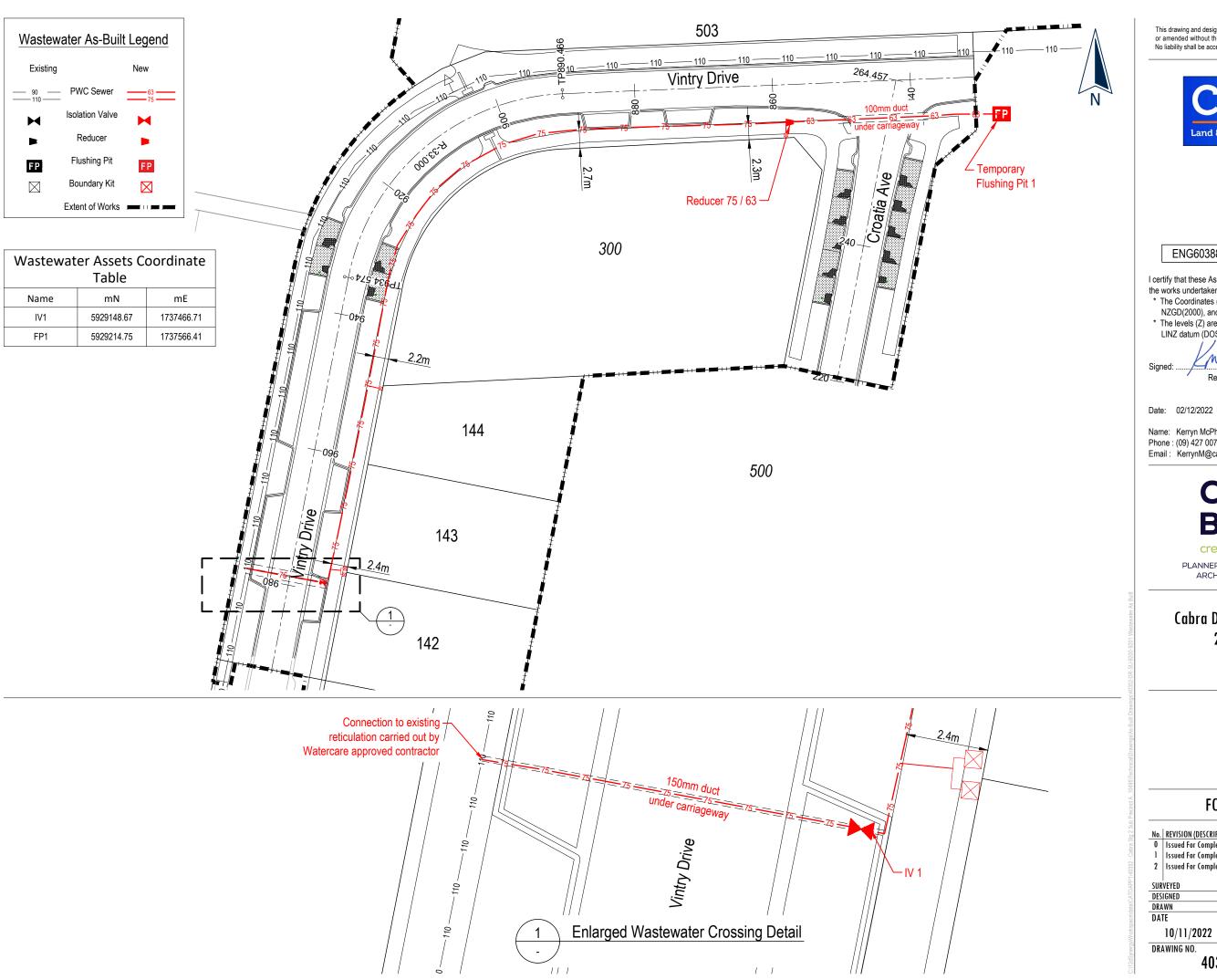
PLANNERS | SURVEYORS | ENGINEERS ARCHITECTS | ENVIRONMENTAL

Cabra Developments Limited 22 Vintry Drive Huapai

Overall PWC Sewer As-Built Plan

FOR COMPLETION

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1	Issued For Completion		K.Middeldorp		22/11/2022
0	Issued For Complet	ion	K.N	liddeldorp	27/07/2022
No.	REVISION (DESCRIPT	TIONS)		NAME	DATE





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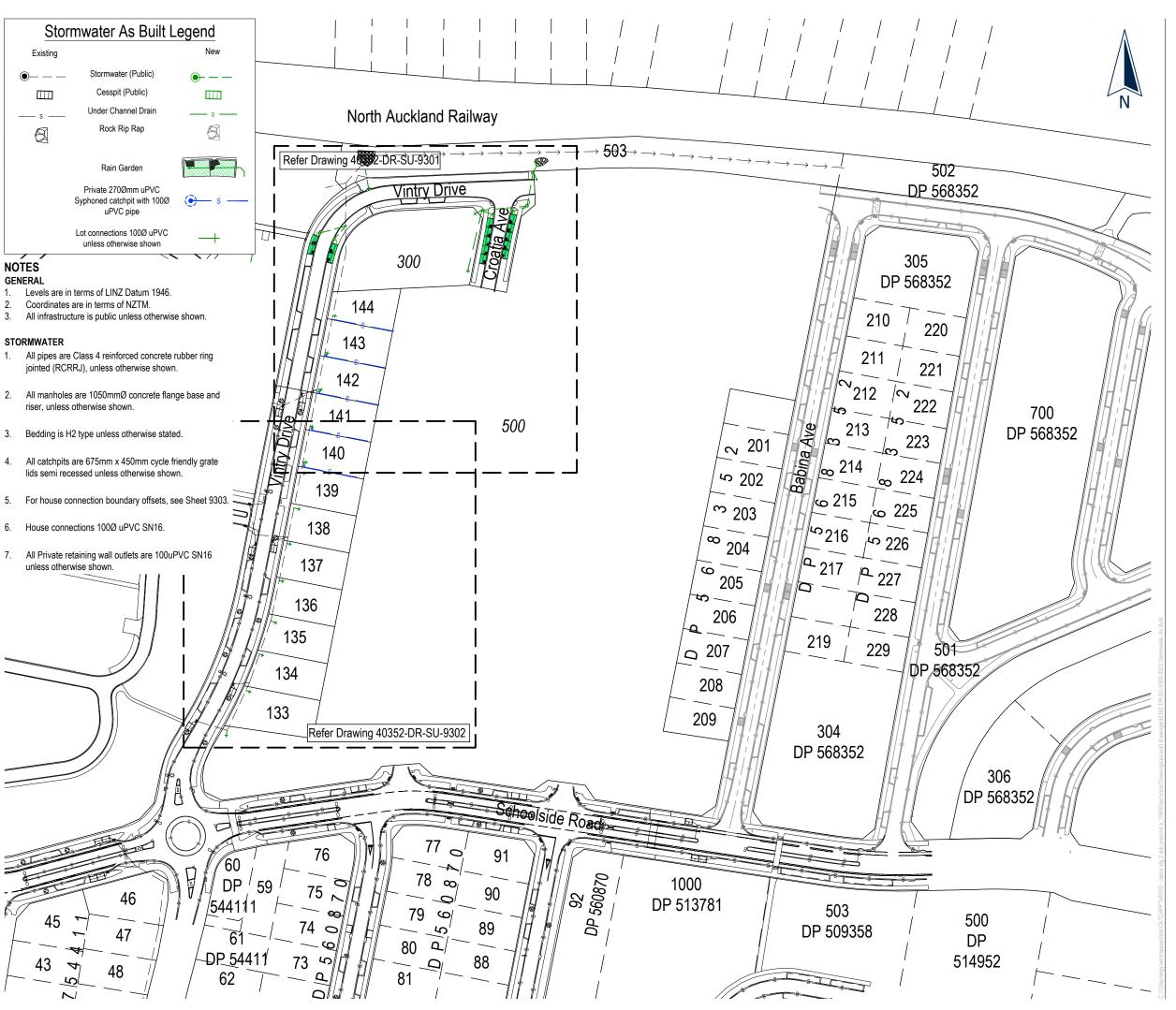
Cabra Developments Limited 22 Vintry Drive Huapai

Enlarged **PWC Sewer** As-Built Plan

FOR COMPLETION

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2	Issued For Completion K.			liddeldorp	02/12/2022
1	Issued For Complet		K.Middeldorp		22/11/2022
0	Issued For Complet	ion	K.Middeldorp		27/07/2022
No.	REVISION (DESCRIPT	TIONS)		NAME	DATE

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Signed: Registered Professional Surveyor

Date: 02/12/2022

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



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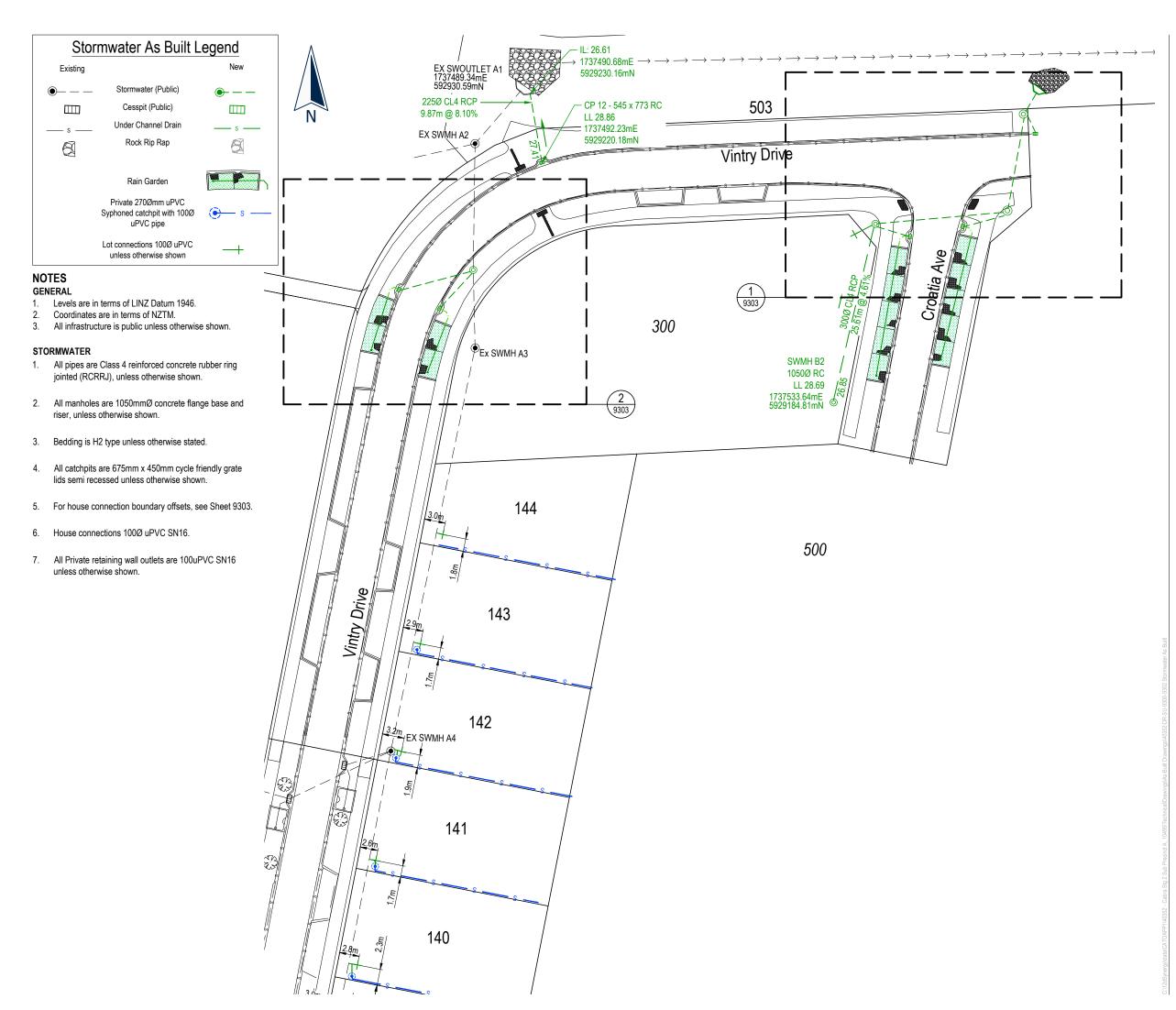
PLANNERS | SURVEYORS | ENGINEERS ARCHITECTS | ENVIRONMENTAL

Cabra Developments Limited 22 Vintry Drive Huapai

Overall Stormwater As-Built Plan

FOR COMPLETION

No.	REVISION (DESCRIPT	(IONS)		NAME	DATE
0	Issued For Complet	ion	K.Middeldorp		p 02/12/2022
	VEYED			H.Baker	07/11/2022
DES	IGNED		E	.Greene	06/07/2021
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Signed: Licensed Cadastral Surveyor

Date: 09/12/2022

Name: Brad Mowat

Phone: (09) 427 0072

Email: BradM@catobolam.co.nz



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Cabra Developments Limited 22 Vintry Drive Huapai

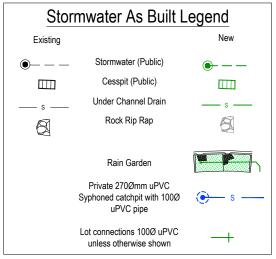
Enlarged Stormwater As-Built Plan Sheet 1

FOR COMPLETION

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_	VEYED			1.Baker	07/11/2022
1	Coordinates added to EX SWOUTLET A1		K.Middeldorp		09/12/2022
0	Issued For Complet	ion	K.N	liddeldorp	02/12/2022
No.	REVISION (DESCRIPT	TIONS)		NAME	DATE

40352-DR-SU-9301

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NOTES GENERAL

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

STORMWATER

- 1. All pipes are Class 4 reinforced concrete rubber ring jointed (RCRRJ), unless otherwise shown.
- All manholes are 1050mmØ concrete flange base and riser, unless otherwise shown.
- 3. Bedding is H2 type unless otherwise stated.
- 4. All catchpits are 675mm x 450mm cycle friendly grate lids semi recessed unless otherwise shown.
- 5. For house connection boundary offsets, see Sheet 9303.
- 6. House connections 100Ø uPVC SN16.
- All Private retaining wall outlets are 100uPVC SN16 unless otherwise shown.



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Signed: Registered Professional Surveyor

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

Date: 02/12/2022



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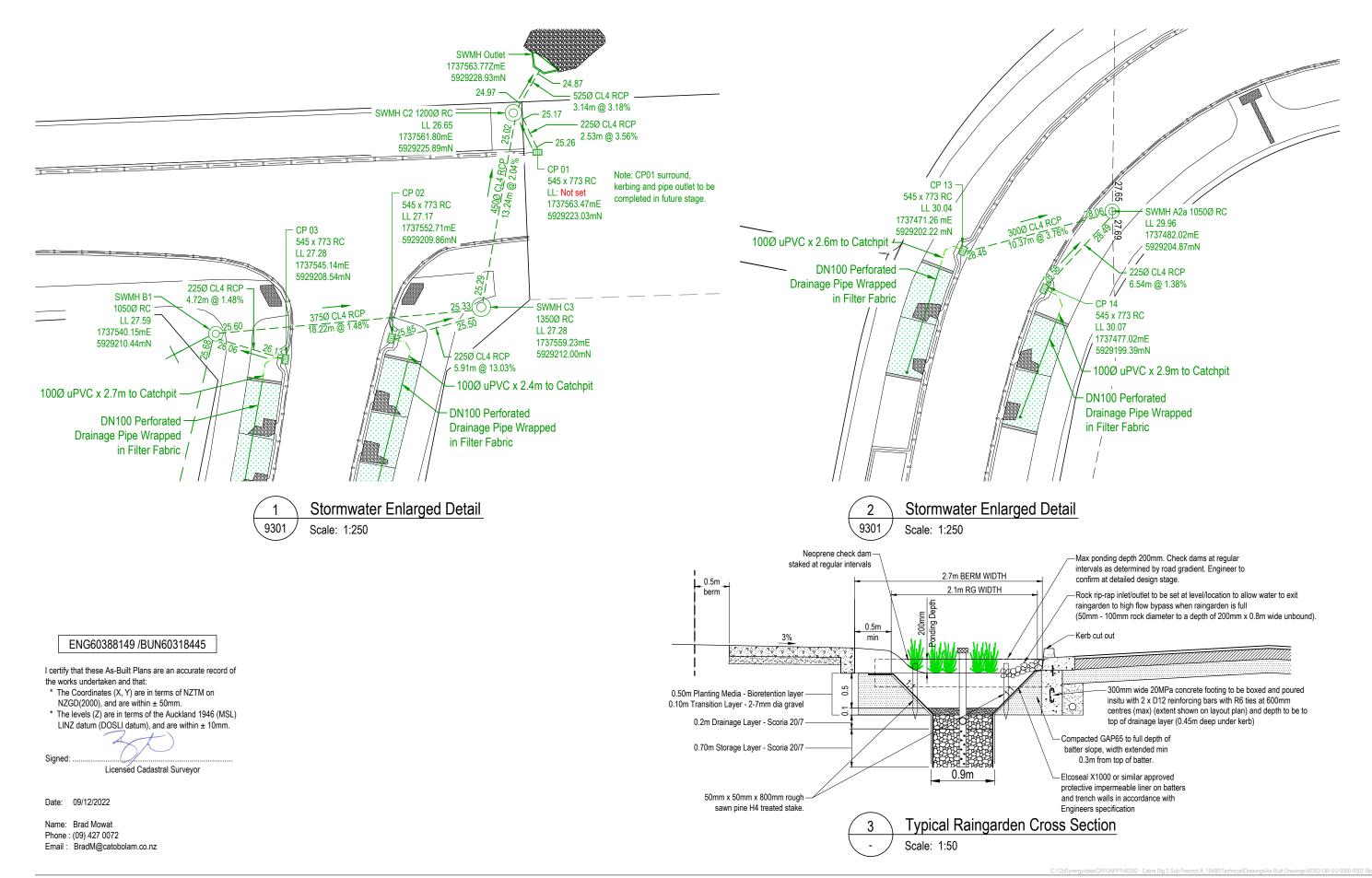
Cabra Developments Limited 22 Vintry Drive Huapai

Enlarged Stormwater As-Built Plan Sheet 2

FOR COMPLETION

No.	REVISION (DESCRIPT	rions)		NAME	DATE
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SUR	VEYED		ı	1.Baker	07/11/2022
DES	IGNED		E	.Greene	06/07/2021
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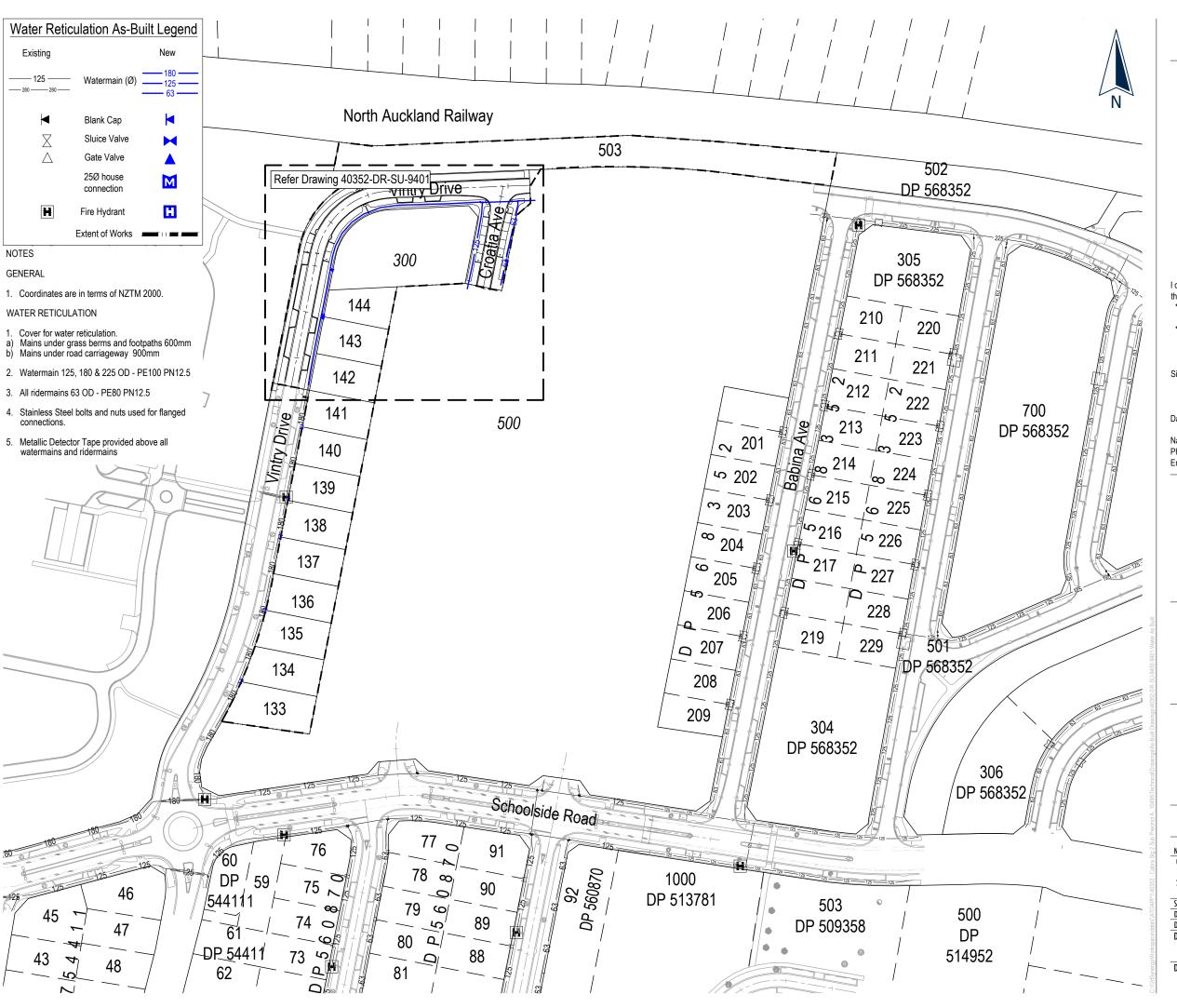
Cabra Developments Limited 22 Vintry Drive Huapai

Enlarged Stormwater & Raingarden **As-Built Details**

1	Amended SWMH C2 outlet pipe	B.Mowat	09/12/2022

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DRAWN			B.Nel	01/12/2022
DESIGNED		E	.Greene	06/07/202
SURVEYED		I	1.Baker	07/11/202
			NAME	DATE

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- * The levels (Z) are in terms of the Auckland 1946 (MSL) LINZ datum (DOSLI datum), and are within ± 10mm.



Date: 02/12/2022

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



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Overall Water Reticulation As-Built Plan

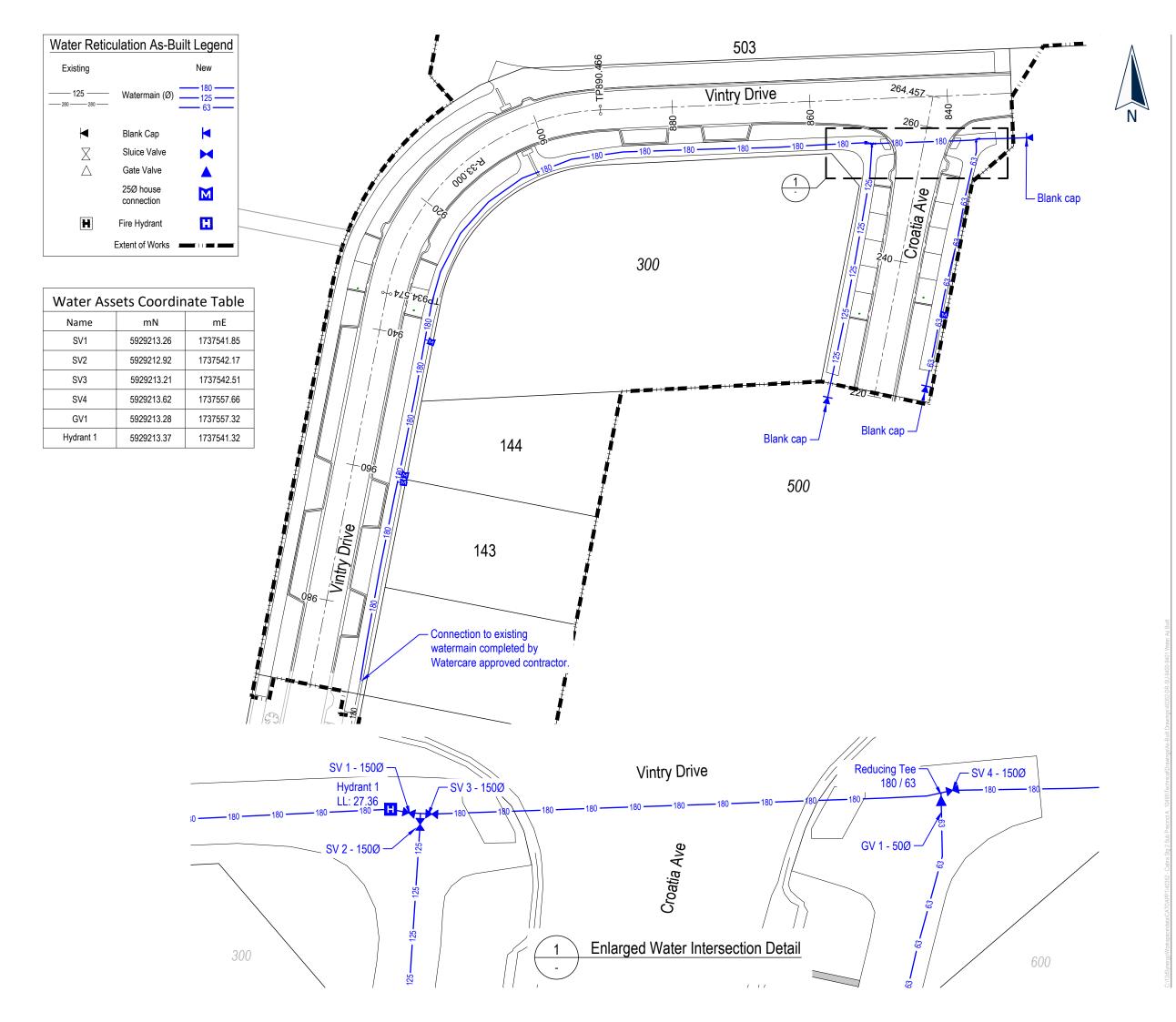
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0	Issued For Complet	ion	K.Middeldorp		27/07/2022
-1	Issued For Completion		K.Middeldorp		22/11/2022
2	Issued For Completion		K.Middeldorp		02/12/2022
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SUR	SURVEYED		H.Baker		07/11/2022
DES	DESIGNED		E.Greene		06/07/2021
DRA	WN		B.Nel		10/11/2022
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Enlarged Water Reticulation As-Built Plan

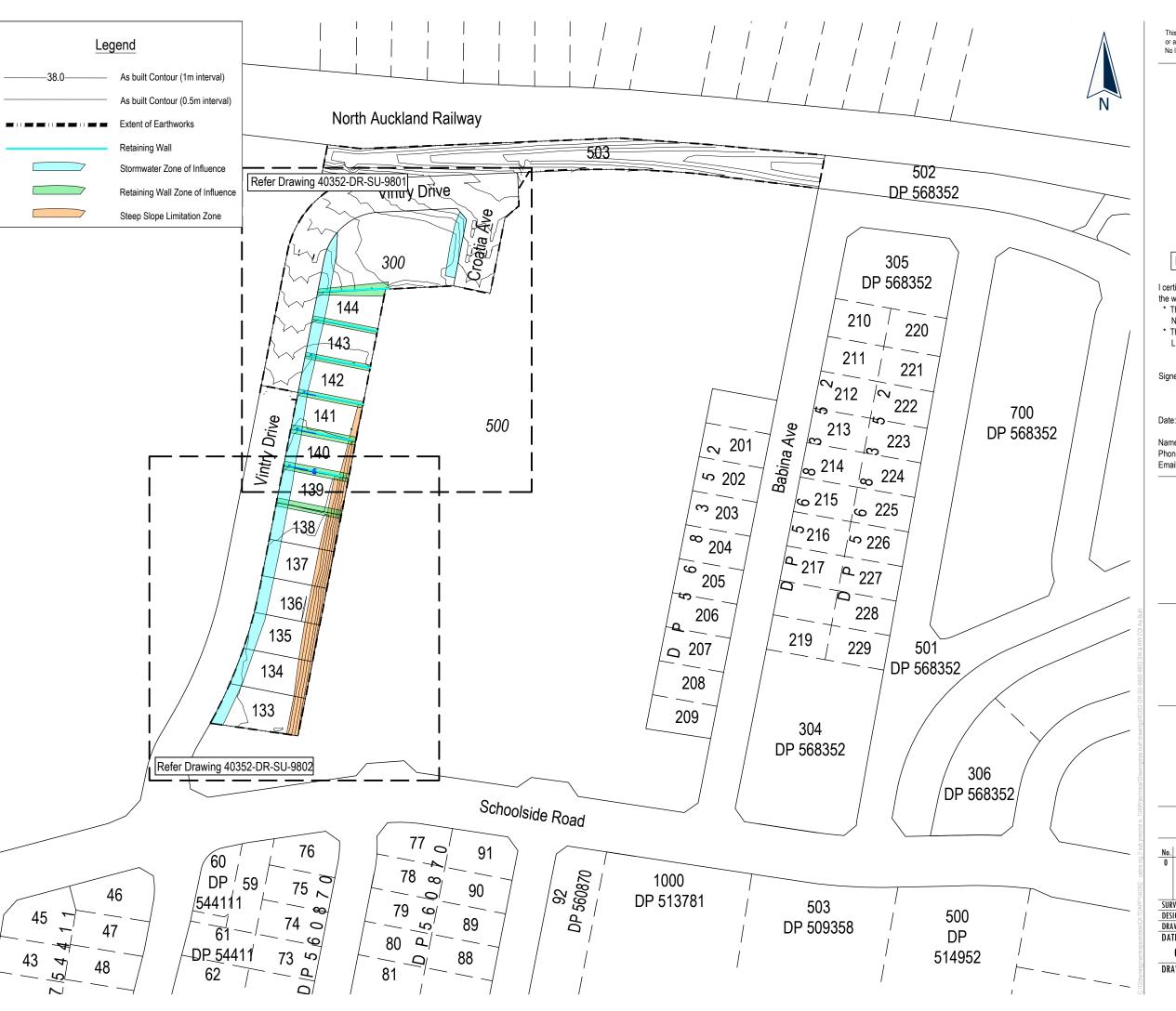
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No.	REVISION (DESCRIPT	TIONS)		NAME	DATE

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Signed: Registered Professional Surveyor

Date: 02/12/2022

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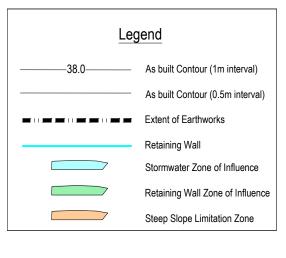
Overall Zone Of Influence As-Built Plan

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- * The levels (Z) are in terms of the Auckland 1946 (MSL) LINZ datum (DOSLI datum), and are within ± 10mm.

Signed:Registered Professional Surveyor

Date: 02/12/2022

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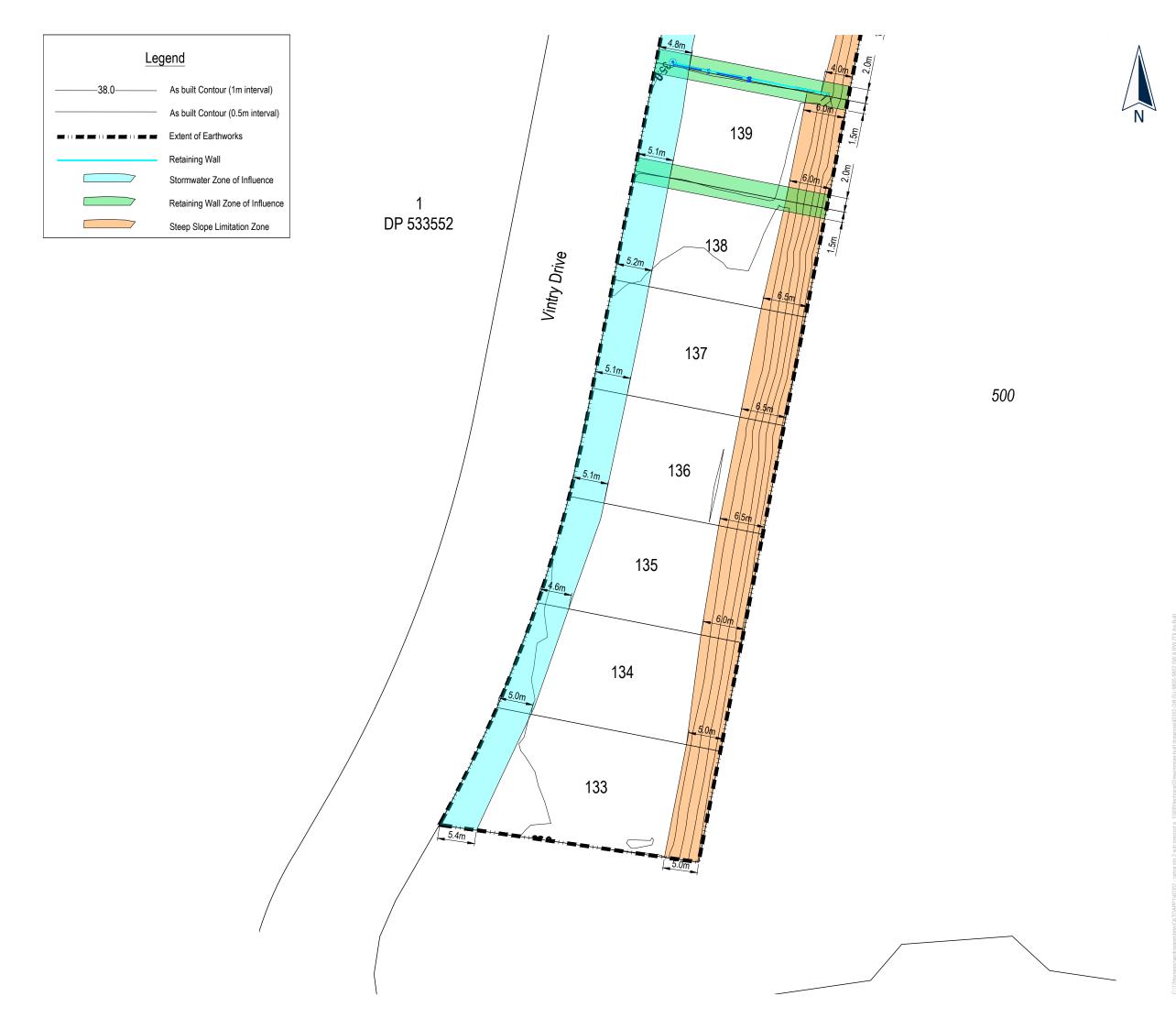
Enlarged Zone Of Influence As-Built Plan Sheet 1

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No.	REVISION (DESCRIPTIONS)			NAME	DATE
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- * The levels (Z) are in terms of the Auckland 1946 (MSL) LINZ datum (DOSLI datum), and are within ± 10mm.

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Enlarged Zone Of Influence As-Built Plan Sheet 2

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DRA	WN		B.Nel		09/11/2022	
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