

44314 - Neil Construction Limited Kauri Road, Whenuapai

For Resource Consent



LOCATION DIAGRAM

Scale 1:20,000

Plan No	Rev	Plan Title
General Plans		
1200	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Overall Sheet
1201	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 1
1202	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 2
1203	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 3
1204	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 4
1205	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 5
1206	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 6

1207	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 7
1208	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 8
1209	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 9
1210	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 10
1211	A	Proposed Subdivision of Lots 4, 5 & 6 DP 64526 & Allots 481 & 525 Psh of Waipareira Sheet 11

Earthworks

2000	A	Proposed Contour Overall Plan
2001	A	Proposed Contours Layout Plan Sheet 1
2002	A	Proposed Contours Layout Plan Sheet 2
2003	A	Proposed Contours Layout Plan Sheet 3
2004	A	Proposed Contours Layout Plan Sheet 4
2100	A	Proposed Cut Fill Overall Plan
2101	A	Proposed Cut Fill Layout Plan Sheet 1
2102	A	Proposed Cut Fill Layout Plan Sheet 2
2103	A	Proposed Cut Fill Layout Plan Sheet 3
2104	A	Proposed Cut Fill Layout Plan Sheet 4

Roading

3000	A	Proposed Overall Road Layout Plan
3001	A	Proposed Enlarged Road Layout Plan Sheet 1
3002	A	Proposed Enlarged Road Layout Plan Sheet 2
3003	A	Proposed Enlarged Road Layout Plan Sheet 3
3100	A	Proposed Road Long Section Sheet 1
3101	A	Proposed Road Long Section Sheet 2
3102	A	Proposed Road Long Section Sheet 3
3103	A	Proposed Road Long Section Sheet 4
3104	A	Proposed Road Long Section Sheet 5
3105	A	Proposed Road Long Section Sheet 6
3106	A	Proposed Road Long Section Sheet 7
3107	A	Proposed Road Long Section Sheet 8

3108	A	Proposed Road Long Section Sheet 9
3109	A	Proposed Road Long Section Sheet 10
3150	A	Proposed COAL Long Section Sheet 1
3151	A	Proposed COAL Long Section Sheet 2
3152	A	Proposed COAL Long Section Sheet 3
3153	A	Proposed COAL Long Section Sheet 4
3154	A	Proposed COAL Long Section Sheet 5
3155	A	Proposed COAL Long Section Sheet 6
3156	A	Proposed COAL Long Section Sheet 7
3157	A	Proposed COAL Long Section Sheet 8
3158	A	Proposed COAL Long Section Sheet 9
3159	A	Proposed COAL Long Section Sheet 10
3160	A	Proposed COAL Long Section Sheet 11
3161	A	Proposed COAL Long Section Sheet 12
3162	A	Proposed COAL Long Section Sheet 13
3200	A	Typical Road Cross Sections
3201	A	Typical COAL Cross Sections Sheet 1
3202	A	Typical COAL Cross Sections Sheet 2
3800	A	Proposed Overall Refuse & Waste Management Plan
3801	A	Proposed Enlarged Refuse & Waste Management Plan Sheet 1
3802	A	Proposed Enlarged Refuse & Waste Management Plan Sheet 2
3803	A	Proposed Enlarged Refuse & Waste Management Plan Sheet 3

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Plan No	Rev	Plan Title
Wastewater		
4000	A	Proposed Overall Wastewater Layout Plan
4001	A	Proposed Enlarged Wastewater Layout Plan Sheet 1
4002	A	Proposed Enlarged Wastewater Layout Plan Sheet 2
4003	A	Proposed Enlarged Wastewater Layout Plan Sheet 3
4010	A	Proposed Wastewater Discharge Option 1
4011	A	Proposed Wastewater Discharge Option 2
4012	A	Proposed Wastewater Discharge Option 3
4013	A	Proposed Wastewater Discharge Option 4
Stormwater		
5000	A	Proposed Overall Stormwater Layout Plan
5001	A	Proposed Enlarged Stormwater Layout Plan Sheet 1
5002	A	Proposed Enlarged Stormwater Layout Plan Sheet 2
5003	A	Proposed Enlarged Stormwater Layout Plan Sheet 3
5010	A	Proposed Stormwater Outlet Plan
5150	A	Proposed Stormwater Outlet Long Section
5655	A	Proposed Rain Garden Details Sheet 1
5656	A	Proposed Rain Garden Details Sheet 2
Water Reticulation		
6000	A	Proposed Overall Water Reticulation Layout Plan
6001	A	Proposed Enlarged Water Reticulation Layout Plan Sheet 1
6002	A	Proposed Enlarged Water Reticulation Layout Plan Sheet 2
6003	A	Proposed Enlarged Water Reticulation Layout Plan Sheet 3

Local Authority: Auckland Council
 Comprised in: RT NA21D/875,
 RT NA21D/876, RT NA21D/877,
 RT NA1168/84 & RT NA1334/9
 Total RT Area: 14.5499 ha
 Total Calculated Area: 14.5754 ha
 Areas and measurements are subject to survey.

Legend	
	Building Line Restriction
	Future Boundary

Legend	
	Stage Boundary
	Stage 1
	Stage 2
	Stage 3

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 Auckland

Proposed Subdivision of
 Lots 4, 5 & 6 DP 64526 &
 Allots 481 & 525 Psh of Waipareira
 Overall Sheet

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022
SURVEYED			
DESIGNED		C.Solleder	25/03/2022
DRAWN		T.Morris	01/08/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
01/08/2022		1:2000	A3
DRAWING NO.			REVISION
44314-DR-PLN-1200			A





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Legend

Building Line Restriction

Future Boundary



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Proposed Subdivision of
Lots 4, 5 & 6 DP 64526 &
Allots 481 & 525 Psh of Waipareira
Sheet 1

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022
SURVEYED			
DESIGNED		C.Solleder	25/03/2022
DRAWN		T.Morris	01/08/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
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DRAWING NO.			REVISION
44314-DR-PLN-1201			A



No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022

FOR RESOURCE CONSENT

NAME	DATE
C.Solleder	25/03/2022
T.Morris	01/08/2022
DATE	01/08/2022
ORIGINAL SCALE	1:500
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-PLN-1202
REVISION	A



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Legend

- Building Line Restriction
- Future Boundary



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Proposed Subdivision of
Lots 4, 5 & 6 DP 64526 &
Allots 481 & 525 Psh of Waipareira
Sheet 3

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022
SURVEYED			
DESIGNED		C.Solleder	25/03/2022
DRAWN		T.Morris	01/08/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
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Legend

Building Line Restriction

Future Boundary



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Proposed Subdivision of
Lots 4, 5 & 6 DP 64526 &
Allots 481 & 525 Psh of Waipareira
Sheet 4

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022
SURVEYED			
DESIGNED		C.Solleder	25/03/2022
DRAWN		T.Morris	01/08/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
01/08/2022		1:500	A3
DRAWING NO.			REVISION
44314-DR-PLN-1204			A



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Proposed Subdivision of
Lots 4, 5 & 6 DP 64526 &
Allots 481 & 525 Psh of Waipareira
Sheet 5

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022
SURVEYED			
DESIGNED		C.Solleder	25/03/2022
DRAWN		T.Morris	01/08/2022
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Proposed Subdivision of
Lots 4, 5 & 6 DP 64526 &
Allots 481 & 525 Psh of Waipareira
Sheet 6

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022
SURVEYED			
DESIGNED		C.Solleder	25/03/2022
DRAWN		T.Morris	01/08/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
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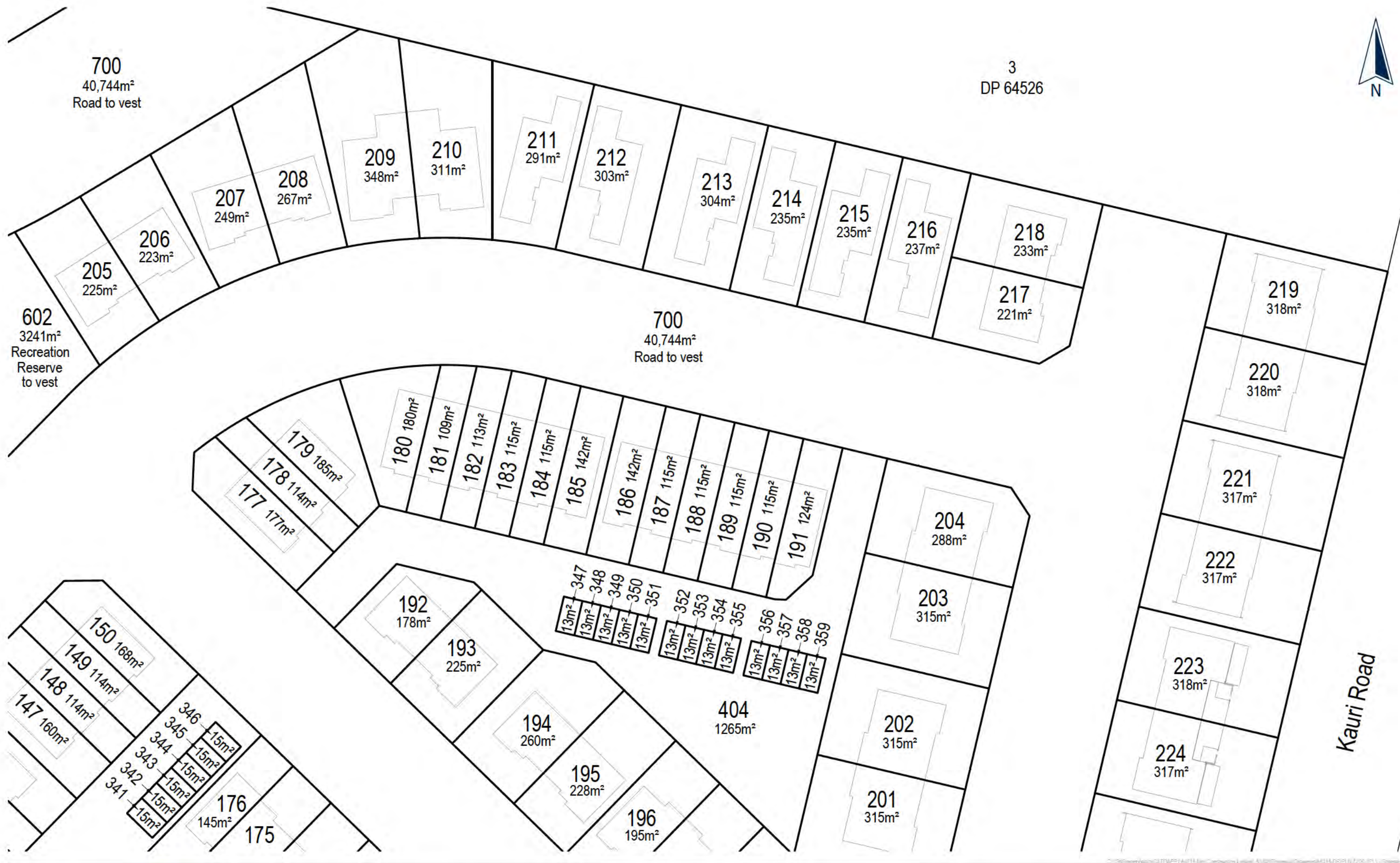
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Proposed Subdivision of
Lots 4, 5 & 6 DP 64526 &
Allots 481 & 525 Psh of Waipareira
Sheet 7

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022
SURVEYED			
DESIGNED		C.Solleder	25/03/2022
DRAWN		T.Morris	01/08/2022
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Proposed Subdivision of
Lots 4, 5 & 6 DP 64526 &
Allots 481 & 525 Psh of Waipareira
Sheet 9

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022
SURVEYED			
DESIGNED		C.Solleder	25/03/2022
DRAWN		T.Morris	01/08/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
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Legend	
—	Building Line Restriction
- - -	Future Boundary

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Proposed Subdivision of
Lots 4, 5 & 6 DP 64526 &
Allots 481 & 525 Psh of Waipareira
Sheet 10

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022
SURVEYED			
DESIGNED		C.Solleder	25/03/2022
DRAWN		T.Morris	01/08/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
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Legend	
—	Building Line Restriction
- - -	Future Boundary



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**Proposed Subdivision of
Lots 4, 5 & 6 DP 64526 &
Allots 481 & 525 Psh of Waipareira
Sheet 11**

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	M.Parker	24/11/2022
SURVEYED			
DESIGNED		C.Solleder	25/03/2022
DRAWN		T.Morris	01/08/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
01/08/2022		1:500	A3
DRAWING NO.			REVISION
44314-DR-PLN-1211			A

NOTES

GENERAL

1. The Contractor shall be responsible for locating all existing services prior to commencement of works. The Contractor shall make good at their own expense any damage to existing services.
2. Levels are in terms of Auckland Vertical Datum 1946.
3. Contours are 0.5m interval.

Proposed Earthworks Legend

- 35 --- Existing Contours
- 0 — Proposed Contours Major
- Proposed Contours Minor
- Extent of Earthworks



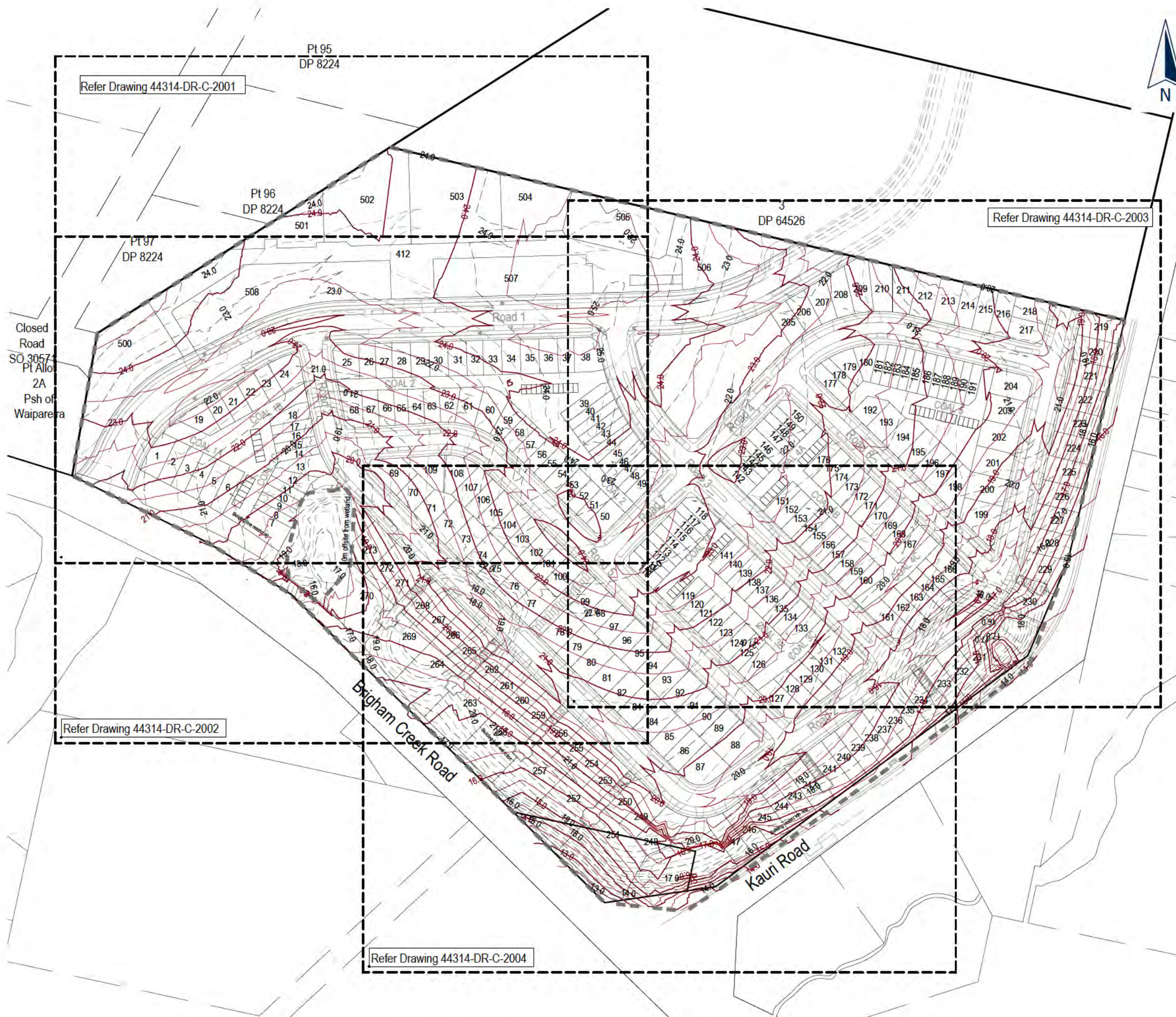
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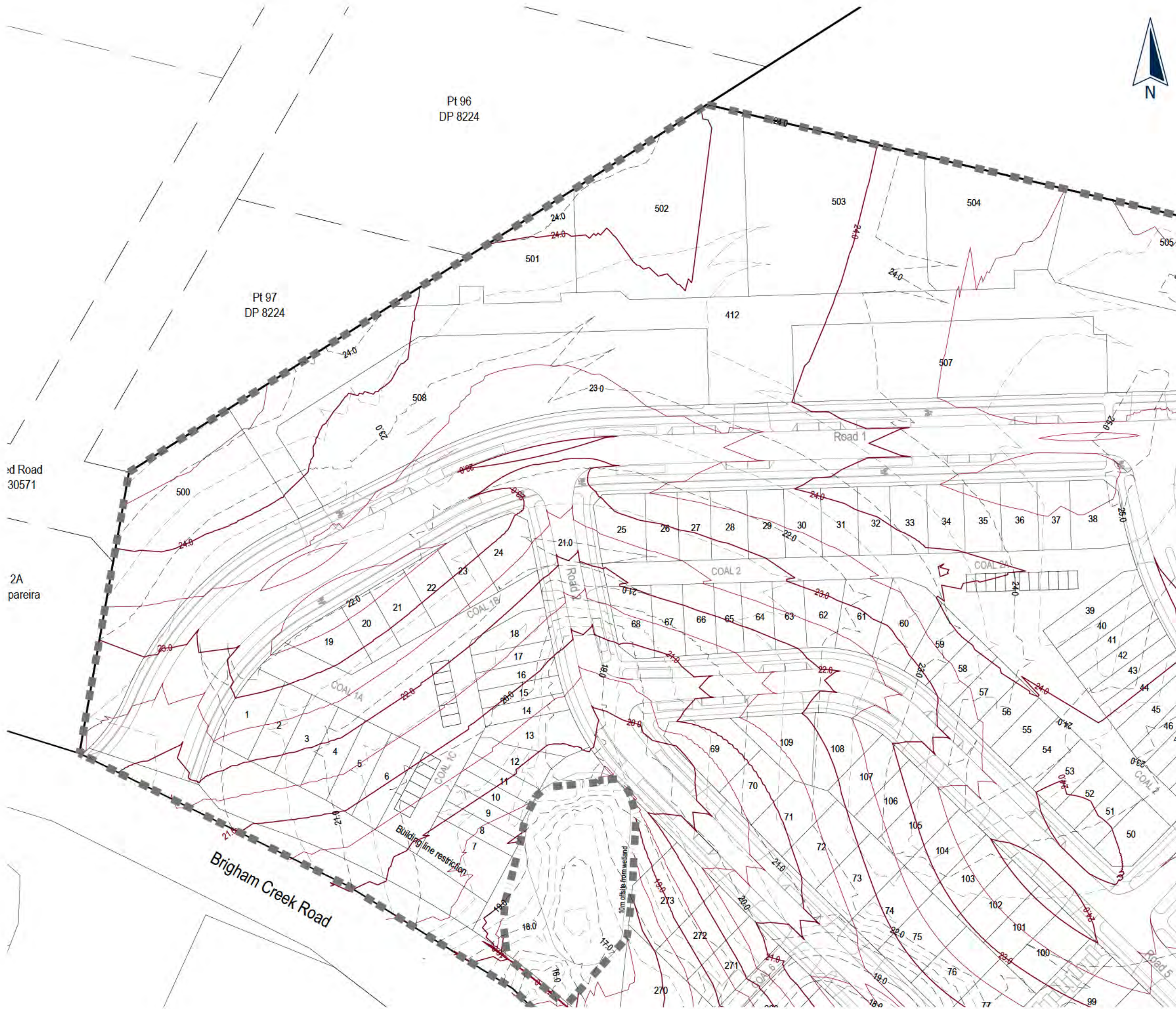
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Proposed Contours
Overall Plan

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	04/04/2022
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NOTES

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1. The Contractor shall be responsible for locating all existing services prior to commencement of works. The Contractor shall make good at their own expense any damage to existing services.
2. Levels are in terms of Auckland Vertical Datum 1946.
3. Contours are 0.5m interval.

Proposed Earthworks Legend

- 35 --- Existing Contours
- 0 — Proposed Contours Major
- - - - - Proposed Contours Minor
- Extent of Earthworks



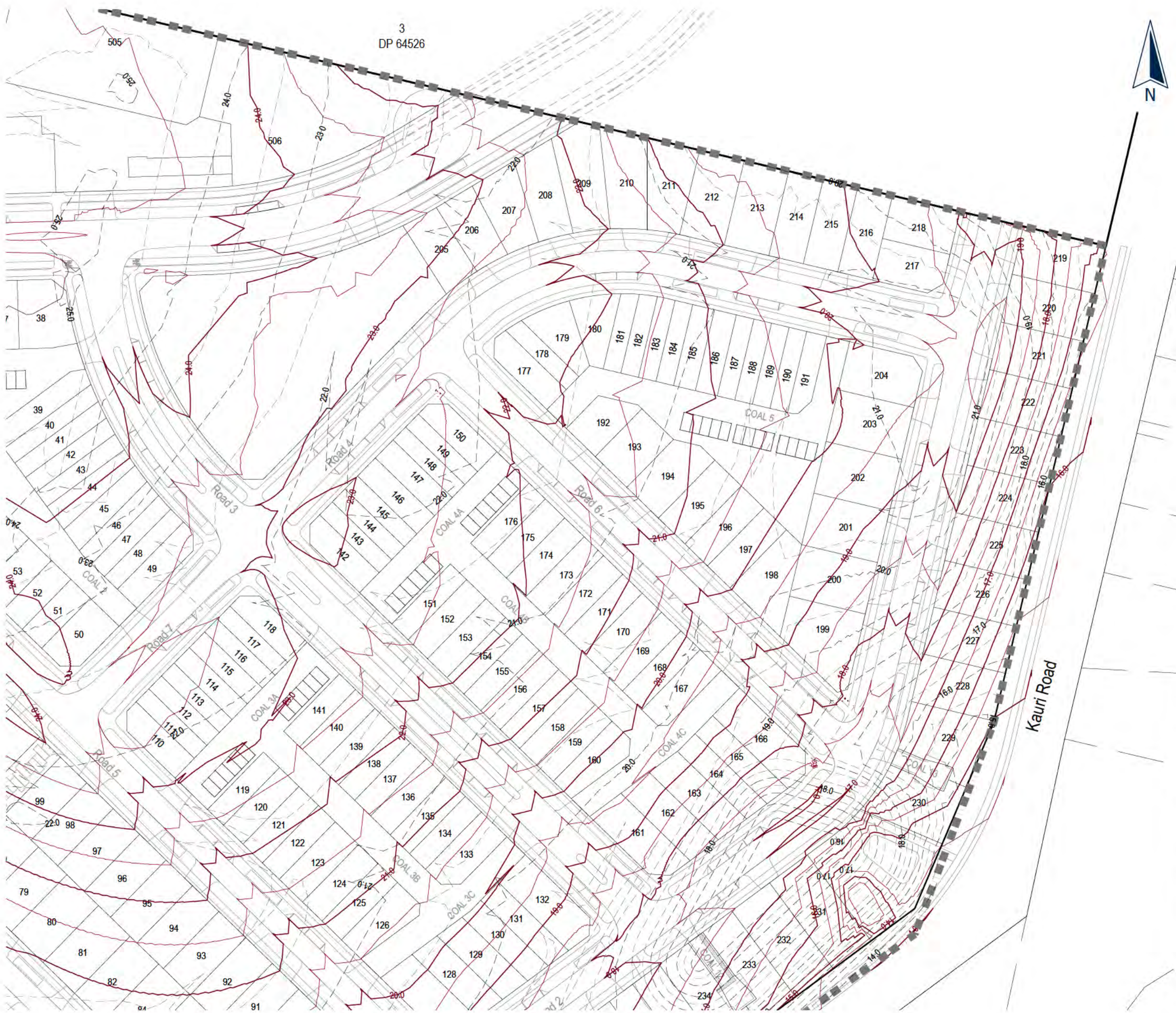
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Kauri Road, Whenuapai,
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Proposed Contours Plan Sheet 1

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	04/04/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
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3
DP 64526



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NOTES

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2. Levels are in terms of Auckland Vertical Datum 1946.
3. Contours are 0.5m interval.

Proposed Earthworks Legend

- 35 --- Existing Contours
- 0 — Proposed Contours Major
- Proposed Contours Minor
- Extent of Earthworks

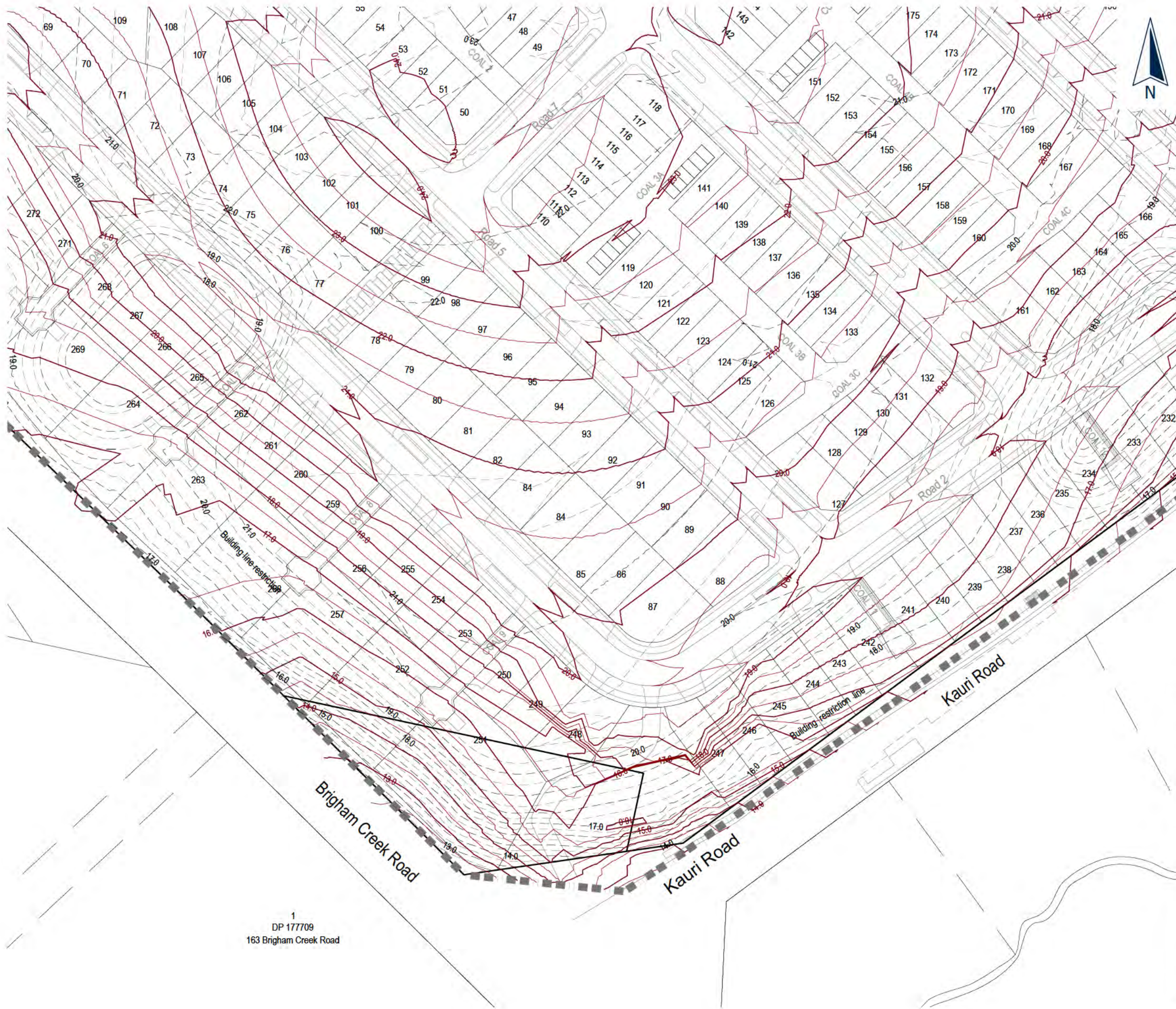
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Kauri Road, Whenuapai,
Auckland

Proposed Contours Plan Sheet 3

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	04/04/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
04/04/2022		1:1000	A3
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1. The Contractor shall be responsible for locating all existing services prior to commencement of works. The Contractor shall make good at their own expense any damage to existing services.
2. Levels are in terms of Auckland Vertical Datum 1946.
3. Contours are 0.5m interval.

Proposed Earthworks Legend

- 35 --- Existing Contours
- 0 — Proposed Contours Major
- Proposed Contours Minor
- Extent of Earthworks



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Kauri Road, Whenuapai,
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Proposed Contours Plan Sheet 4

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	04/04/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
04/04/2022		1:1000	A3
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Pt 96
DP 8224

Pt 97
DP 8224



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NOTES

GENERAL

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2. Levels are in terms of Auckland Vertical Datum 1946.
3. Contours are 0.5m interval.

Cut to Fill Legend

- 35 --- Existing Contours
- 0 Zero Contour
- 1 Cut Contours & Area
- 1 Fill Contours & Area
- Extent of Earthworks
- Retaining Wall

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Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Cut Fill Plan Sheet 1

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleyhans	24/11/2022
SURVEYED			
DESIGNED		M. Chen	25/03/2022
DRAWN		B. Nel	04/04/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
04/04/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-2101			A



	Existing Contours
	Zero Contour
	Cut Contours & Area
	Fill Contours & Area
	Extent of Earthworks
	Retaining Wall

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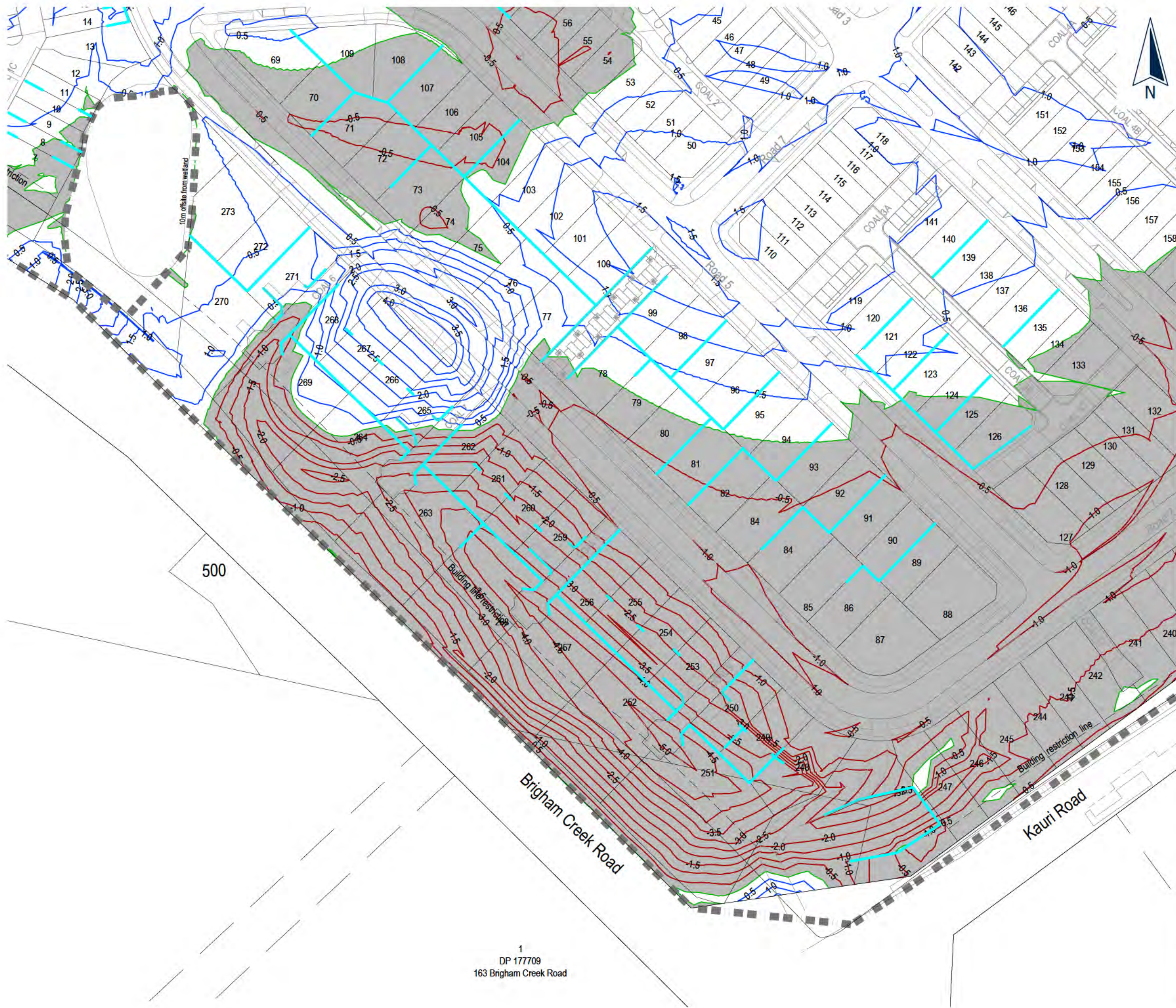
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Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Cut Fill Overall Plan

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued for Resource Consent	P.Kleynhans	24/11/2022
SURVEYED		-	-
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	04/04/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
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44314-DR-C-2100			A



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2. Levels are in terms of Auckland Vertical Datum 1946.
3. Contours are 0.5m interval.

Cut to Fill Legend

---	35---	Existing Contours
---	0---	Zero Contour
---	-1---	Cut Contours & Area
---	1---	Fill Contours & Area
---	---	Extent of Earthworks
---	---	Retaining Wall

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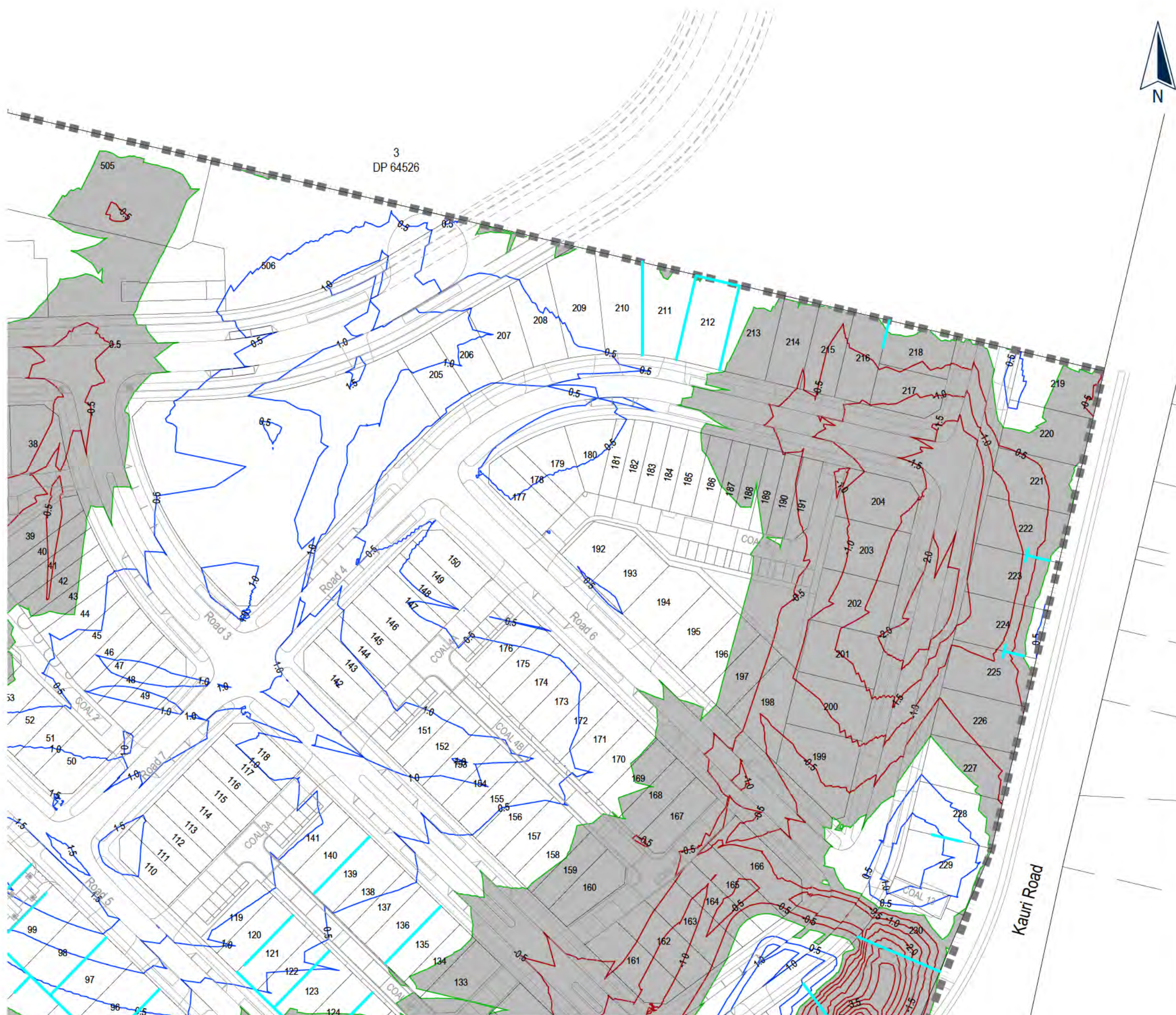
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Kauri Road, Whenuapai,
Auckland

Proposed Cut Fill Plan Sheet 2

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleyhans	24/11/2022
SURVEYED			
DESIGNED		M. Chen	25/03/2022
DRAWN		B. Nel	04/04/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
04/04/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-2102			A

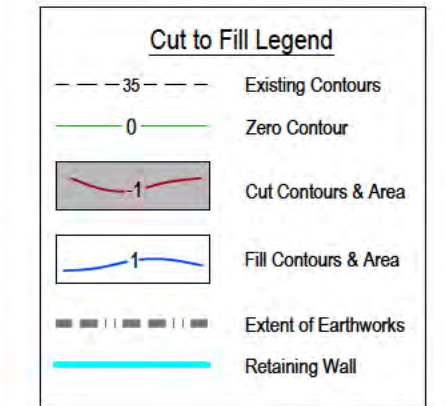


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2. Levels are in terms of Auckland Vertical Datum 1946.
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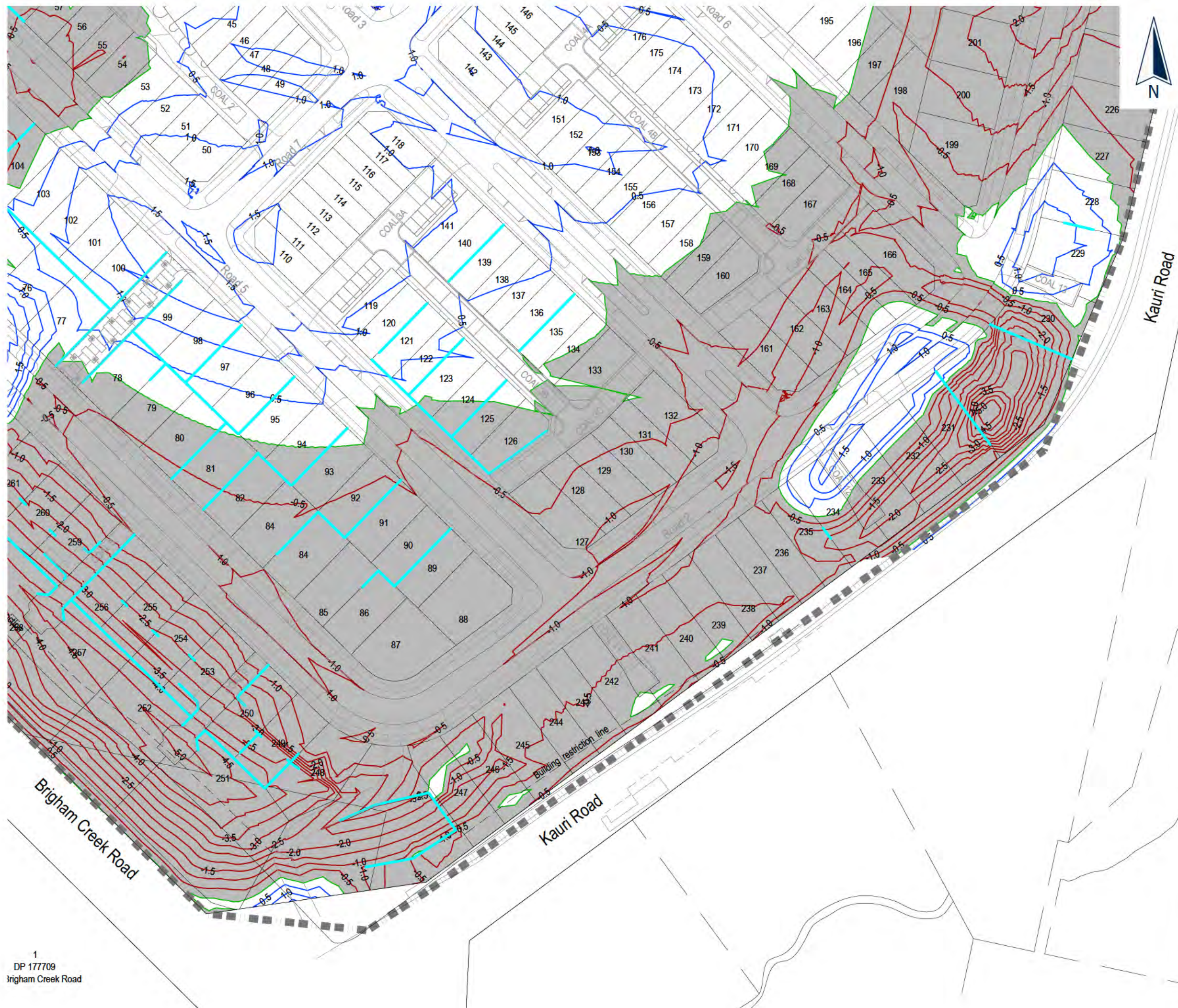
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Kauri Road, Whenuapai,
Auckland

Proposed Cut Fill Plan Sheet 3

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	04/04/2022
DATE		04/04/2022	
ORIGINAL SCALE		1:1000	
ORIGINAL SIZE		A3	
DRAWING NO.			REVISION
44314-DR-C-2103			A



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NOTES

GENERAL

1. The Contractor shall be responsible for locating all existing services prior to commencement of works. The Contractor shall make good at their own expense any damage to existing services.
2. Levels are in terms of Auckland Vertical Datum 1946.
3. Contours are 0.5m interval.

Cut to Fill Legend

- 35 --- Existing Contours
- 0 Zero Contour
- 1 Cut Contours & Area
- 1 Fill Contours & Area
- Extent of Earthworks
- Retaining Wall

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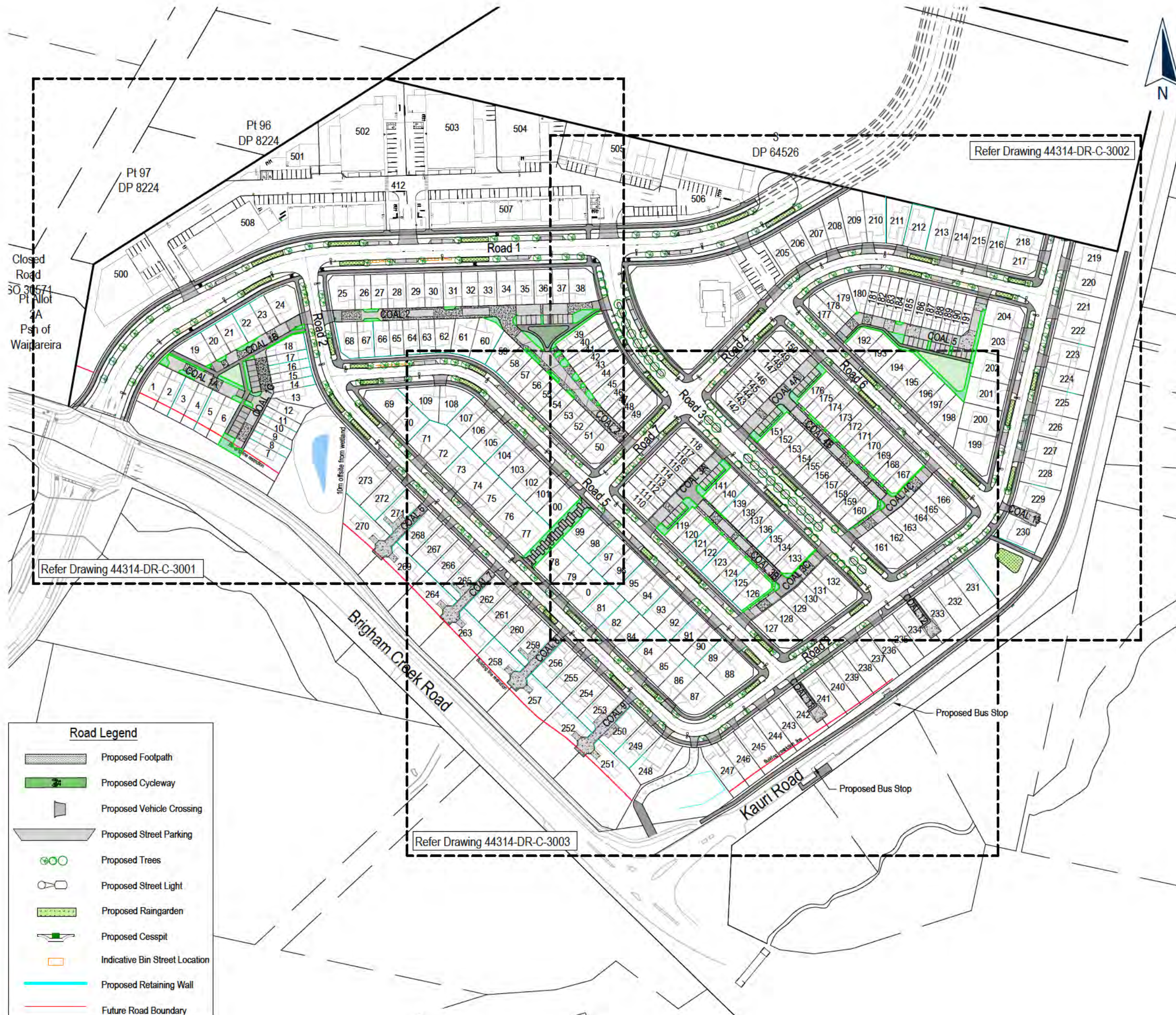
PLANNERS | SURVEYORS | ENGINEERS
ARCHITECTS | ENVIRONMENTAL

Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Cut Fill Plan Sheet 4

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	04/04/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
04/04/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-2104			A



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NOTES:

The Contractor shall be responsible for locating all existing services prior to commencement of works. The Contractor shall make good at their own expense any damage to existing services.

1. Levels are in terms of Auckland Vertical Datum 1946.
2. All works are to be installed in accordance with Auckland Council Design Manual - Code of Practice for Land Development and Subdivision
3. If discrepancies are found between the standards, confirmation shall be sought from the Engineer and supervising council field officer.



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Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Overall Road Layout Plan

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:2000	A3
DRAWING NO.			REVISION
44314-DR-C-3000			A



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NOTES
For all General Notes & Drawing Legend
See Drawing 44314-DR-C-3000

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Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Enlarged
Road Layout Plan
Sheet 1

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleyhans	24/11/2022
SURVEYED			
DESIGNED		M. Chen	25/03/2022
DRAWN		B. Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-3001			A



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NOTES

For all General Notes & Drawing Legend
See Drawing 44314-DR-C-3000



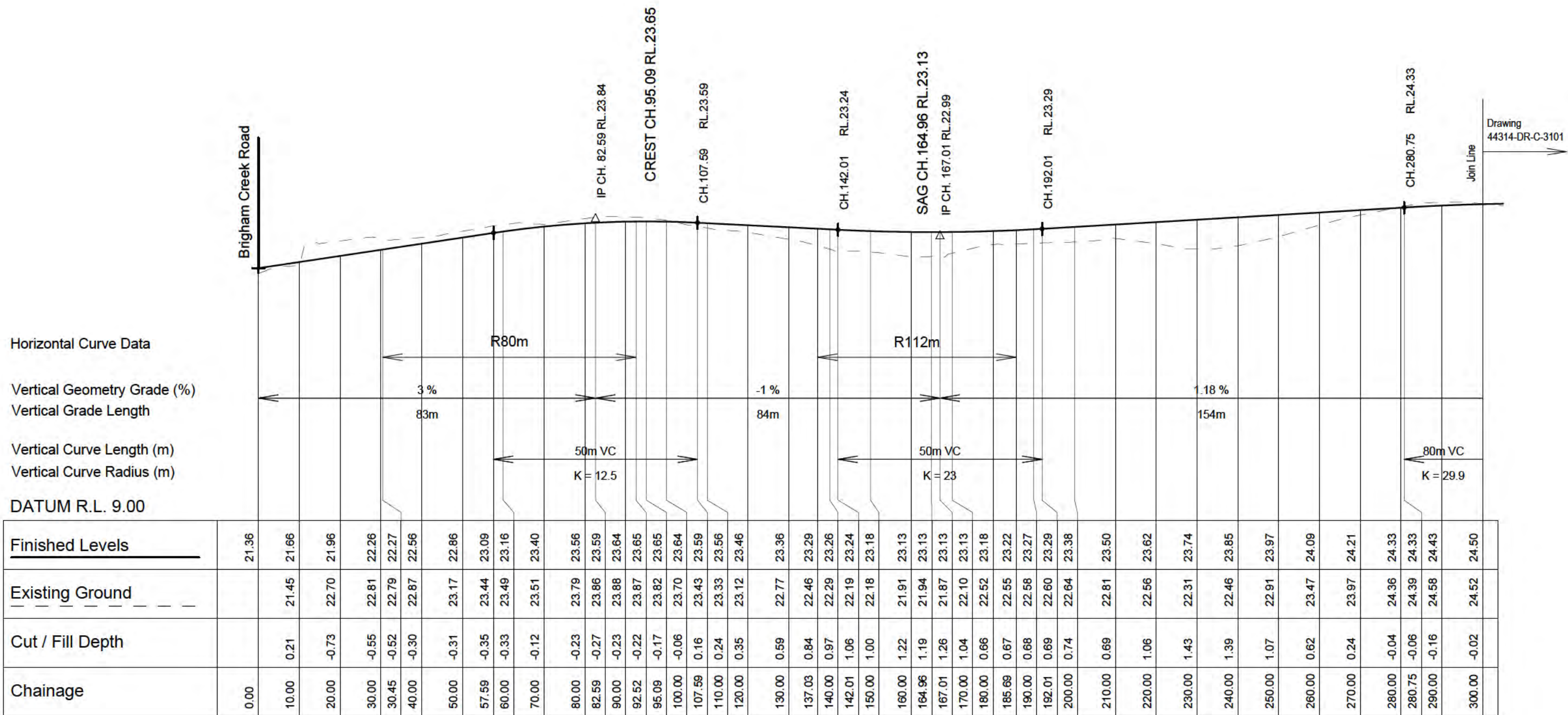
PLANNERS | SURVEYORS | ENGINEERS
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Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Enlarged Road Layout Plan Sheet 3

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleyhans	24/11/2022
SURVEYED			
DESIGNED		M. Chen	25/03/2022
DRAWN		B. Nel	29/03/2022
DATE		29/03/2022	
ORIGINAL SCALE		1:1000	
ORIGINAL SIZE			A3
DRAWING NO.			44314-DR-C-3003
REVISION			A



LONGITUDINAL SECTION RS RD 01

Horizontal Scale 1 : 1000

Vertical Scale 1 : 200

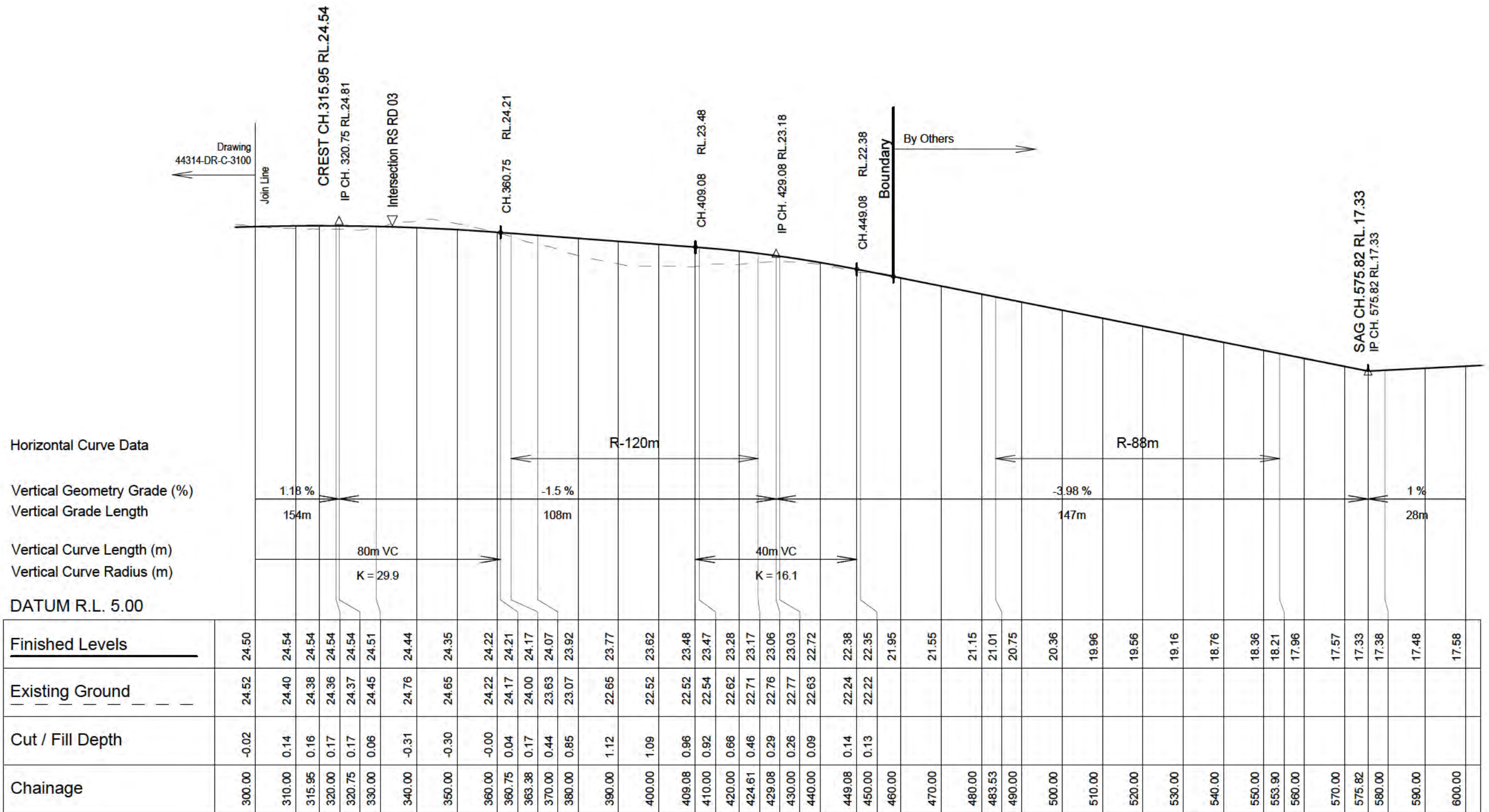
No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	05/10/2022	ORIGINAL SCALE
		1:1000(H):1:200(V)
DRAWING NO.	44314-DR-C-3100	ORIGINAL SIZE
		A3
		REVISION
		A

44314-DR-C-3100

A



LONGITUDINAL SECTION RS RD 01

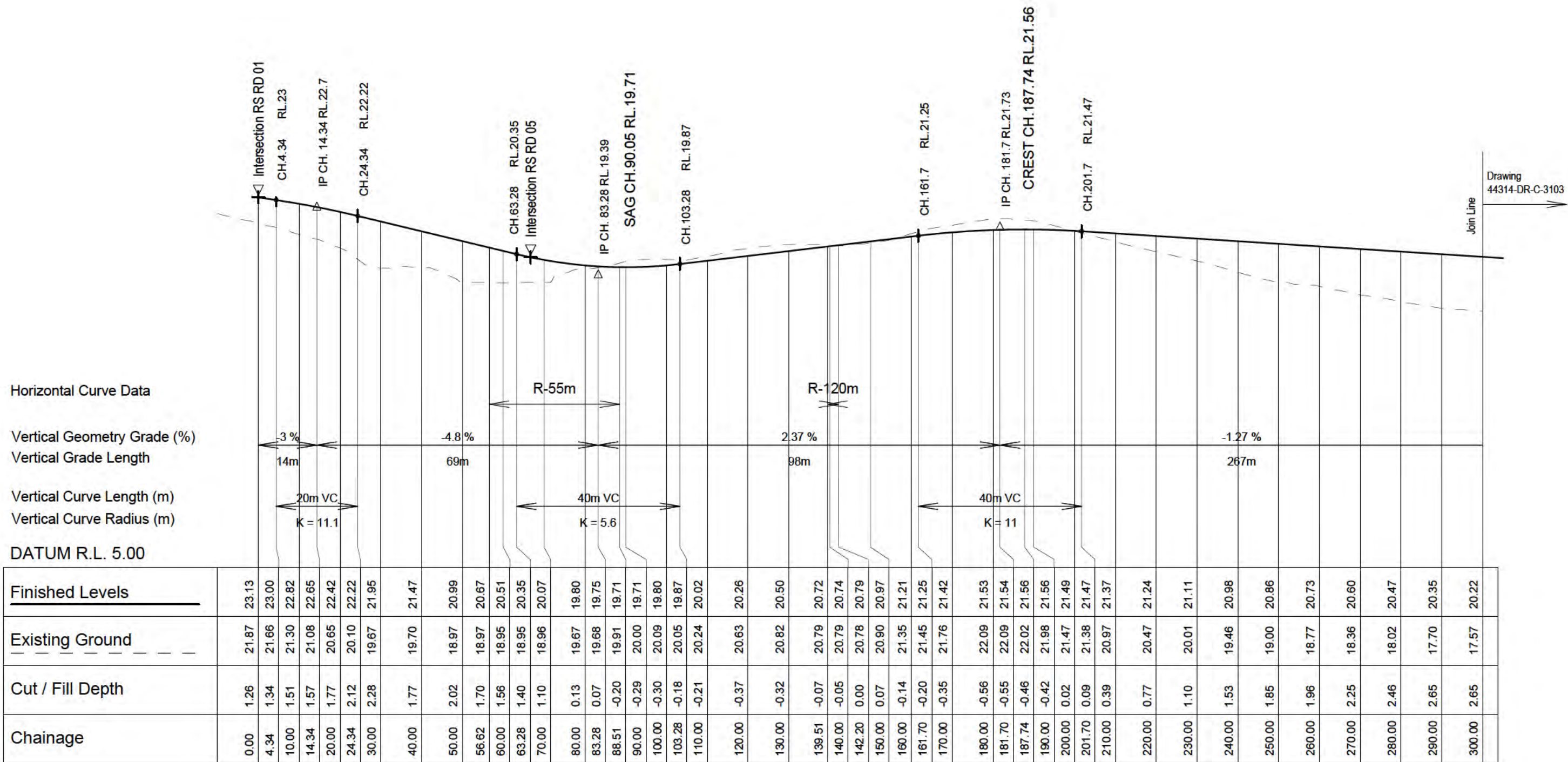
Horizontal Scale 1 : 1000

Vertical Scale 1 : 200

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

NAME	DATE
SURVEYED	
DESIGNED	M. Chen 02/10/2022
DRAWN	S. Baby 05/10/2022
DATE	05/10/2022
ORIGINAL SCALE	1:1000(H)1:200(V)
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-C-3101
REVISION	A



LONGITUDINAL SECTION RS RD 02

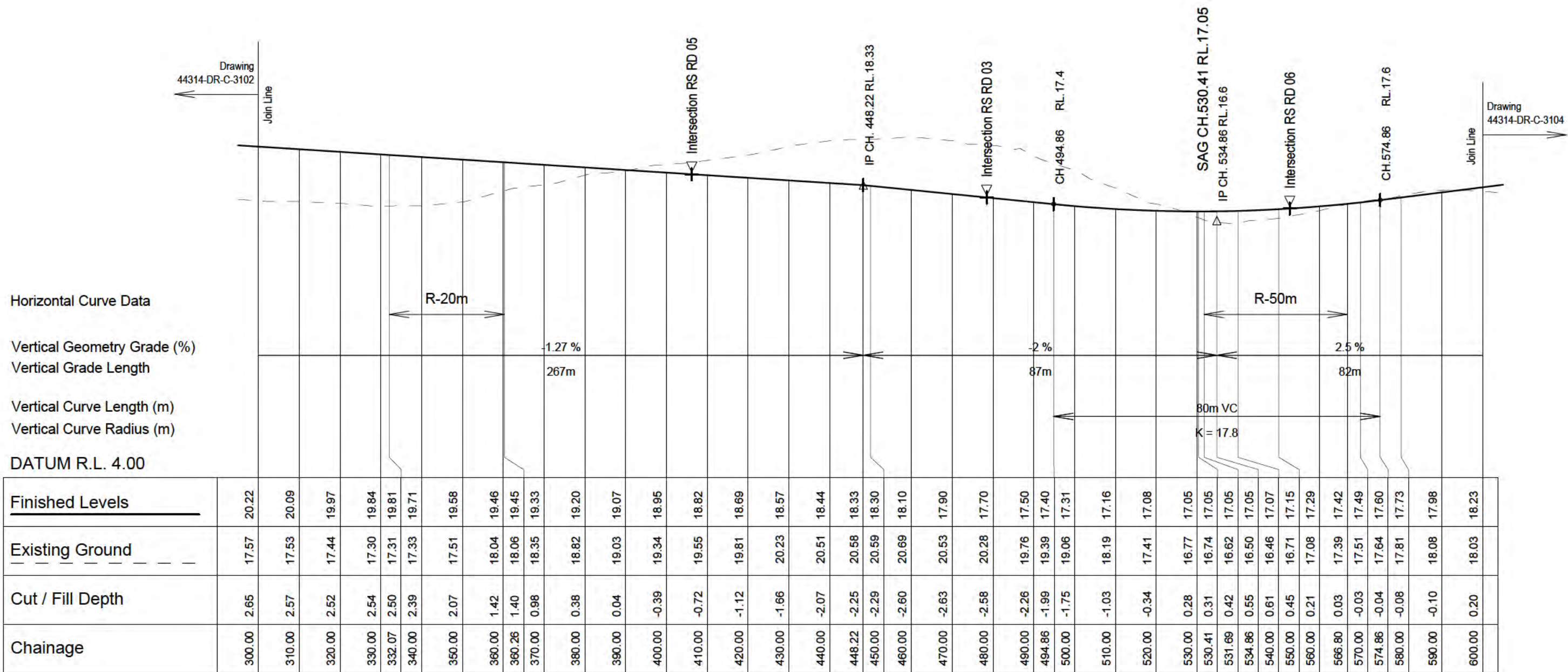
Horizontal Scale 1 : 1000

Vertical Scale 1 : 200

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

NAME	DATE
SURVEYED	
DESIGNED	M. Chen 02/10/2022
DRAWN	S. Baby 05/10/2022
DATE	05/10/2022
ORIGINAL SCALE	1:1000(H):1:200(V)
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-C-3102
REVISION	A



No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	05/10/2022	ORIGINAL SCALE
		1:1000(H):1:200(V)
DRAWING NO.	44314-DR-C-3103	ORIGINAL SIZE
		A3
		REVISION
		A

Horizontal Curve Data

Vertical Geometry Grade (%)

Vertical Grade Length

Vertical Curve Length (m)

Vertical Curve Radius (m)

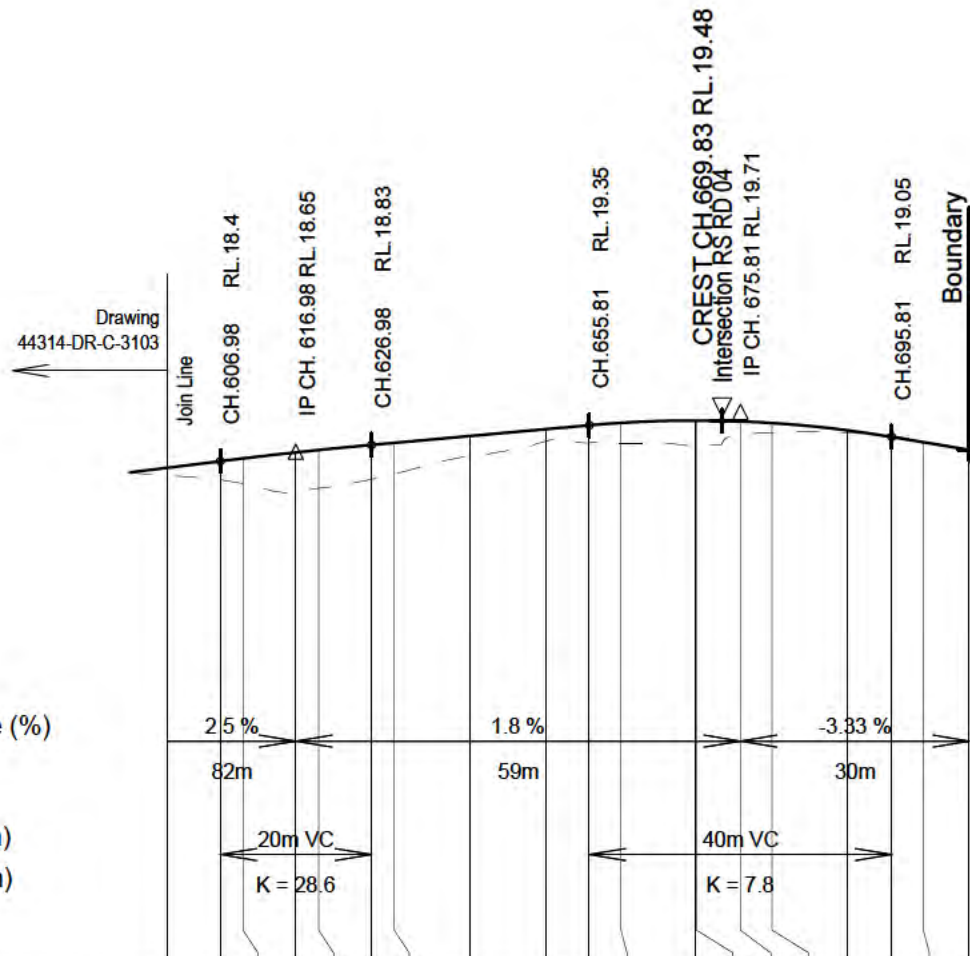
DATUM R.L. 5.00

Finished Levels	18.23	18.40	18.48	18.64	18.70	18.83	18.89	19.07	19.25	19.35	19.42	19.48	19.48	19.46	19.41	19.22	19.05	18.91	18.70
Existing Ground	18.03	17.91	17.81	17.60	17.69	17.93	18.06	18.53	18.93	18.89	18.88	18.79	18.79	19.14	19.16	19.15	19.09	18.93	18.71
Cut / Fill Depth	0.20	0.49	0.67	1.03	1.01	0.91	0.83	0.53	0.32	0.46	0.54	0.69	0.69	0.32	0.25	0.07	-0.04	-0.02	-0.00
Chainage	600.00	606.98	610.00	616.98	620.00	626.98	630.00	640.00	650.00	655.81	660.00	669.83	670.00	675.81	680.00	690.00	695.81	700.00	706.08

LONGITUDINAL SECTION RS RD 02

Horizontal Scale 1 : 1000

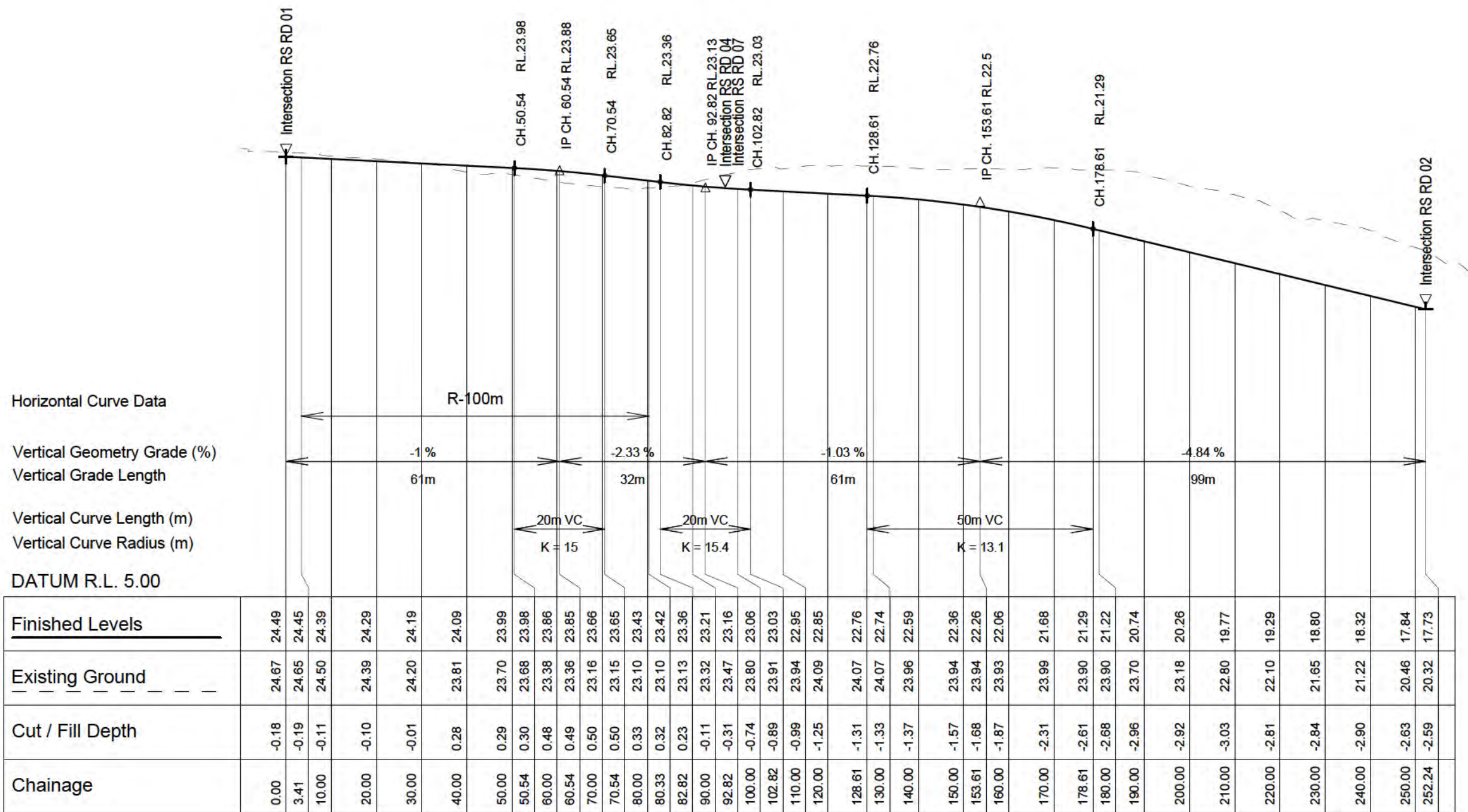
Vertical Scale 1 : 200



No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	05/10/2022	ORIGINAL SCALE
		1:1000(H) 1:200(V)
DRAWING NO.	44314-DR-C-3104	ORIGINAL SIZE
		A3
		REVISION
		A



LONGITUDINAL SECTION RS RD 03

Horizontal Scale 1 : 1000

Vertical Scale 1 : 200



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Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Road
Long Section
Sheet 6

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	05/10/2022	ORIGINAL SCALE
		1:1000(H) 1:200(V)
DRAWING NO.	44314-DR-C-3105	ORIGINAL SIZE
		A3
		REVISION
		A

Horizontal Curve Data

Vertical Geometry Grade (%)

Vertical Grade Length

Vertical Curve Length (m)

Vertical Curve Radius (m)

DATUM R.L. 6.00

Finished Levels	23.09	23.00	22.91	22.82	22.73	22.64	22.55	22.46	22.38	22.37	22.28	22.19	22.11	22.10	21.97	21.77	21.76	21.48	21.22	21.13	21.12	20.96	20.73	20.41	20.30	20.15	19.96	19.91	19.83	19.71	19.58	19.47
Existing Ground	23.68	23.32	23.20	23.18	23.20	23.26	23.40	23.50	23.49	23.48	23.28	23.19	22.97	22.95	22.66	22.45	22.44	21.99	21.62	21.49	21.47	21.23	20.82	20.20	20.09	20.00	19.94	19.86	19.74	19.63	19.42	18.88
Cut / Fill Depth	-0.59	-0.32	-0.28	-0.36	-0.47	-0.62	-0.84	-1.04	-1.11	-1.11	-0.99	-1.00	-0.86	-0.85	-0.68	-0.67	-0.67	-0.51	-0.40	-0.36	-0.35	-0.27	-0.10	0.20	0.20	0.15	0.03	0.05	0.09	0.08	0.17	0.59
Chainage	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	79.44	80.00	90.00	100.00	109.72	110.00	120.00	129.72	130.00	140.00	147.22	149.72	150.00	153.86	160.00	170.00	173.86	180.00	190.00	193.86	200.00	210.00	220.00	228.67

LONGITUDINAL SECTION RS RD 04

Horizontal Scale 1 : 1000

Vertical Scale 1 : 200

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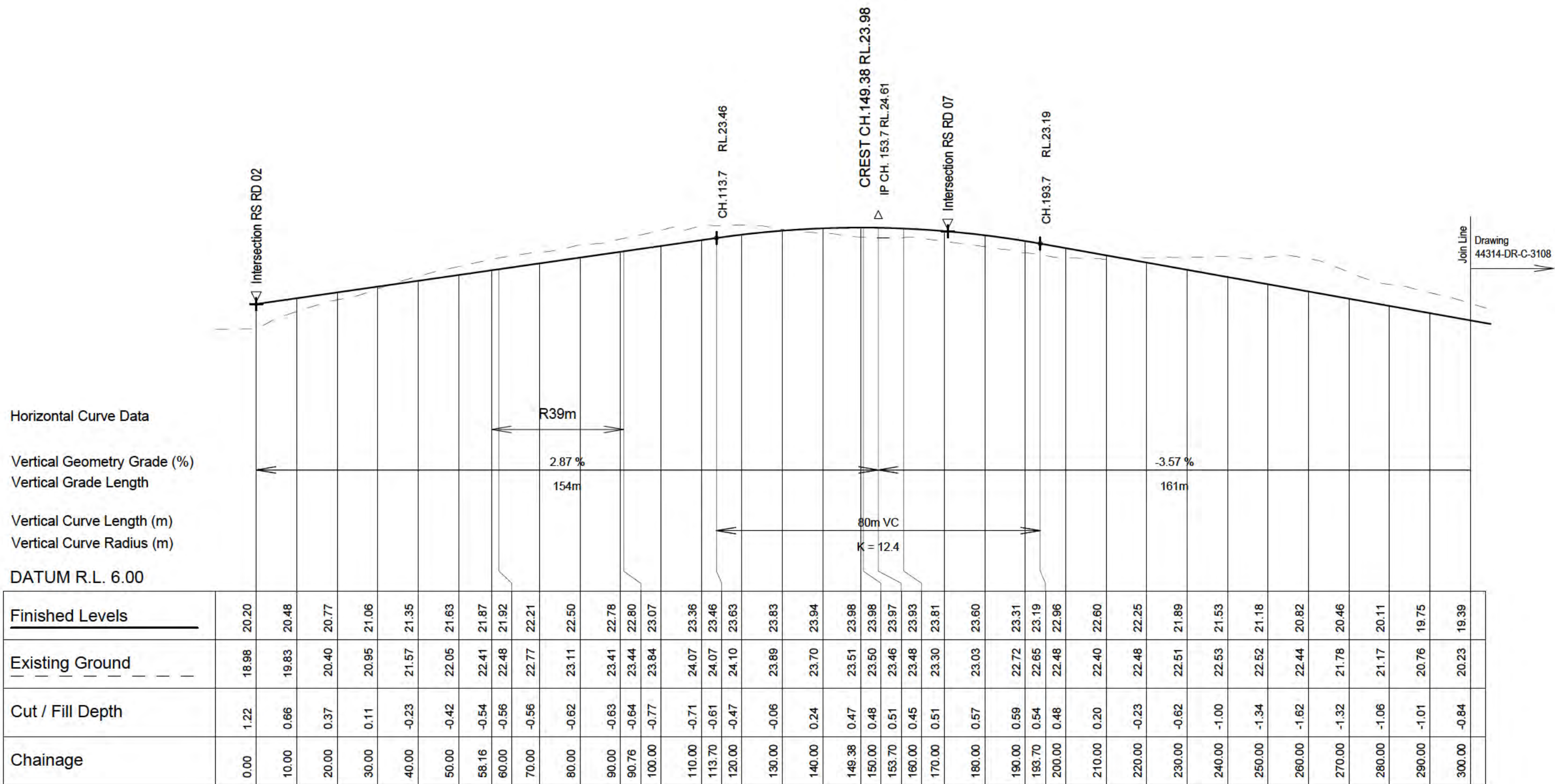
Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Road
Long Section
Sheet 7

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	05/10/2022	ORIGINAL SCALE
	1:1000(H)1:200(V)	ORIGINAL SIZE
		A3
DRAWING NO.	44314-DR-C-3106	REVISION
		A



LONGITUDINAL SECTION RS RD 05

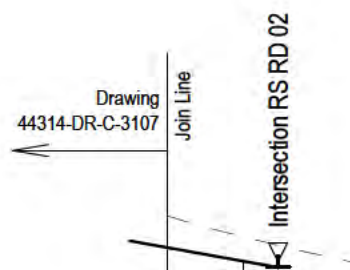
Horizontal Scale 1 : 1000

Vertical Scale 1 : 200

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	05/10/2022	ORIGINAL SCALE
		1:1000(H)1:200(V)
DRAWING NO.	44314-DR-C-3107	ORIGINAL SIZE
		A3
		REVISION
		A



Horizontal Curve Data

Vertical Geometry Grade (%)

Vertical Grade Length

Vertical Curve Length (m)

Vertical Curve Radius (m)

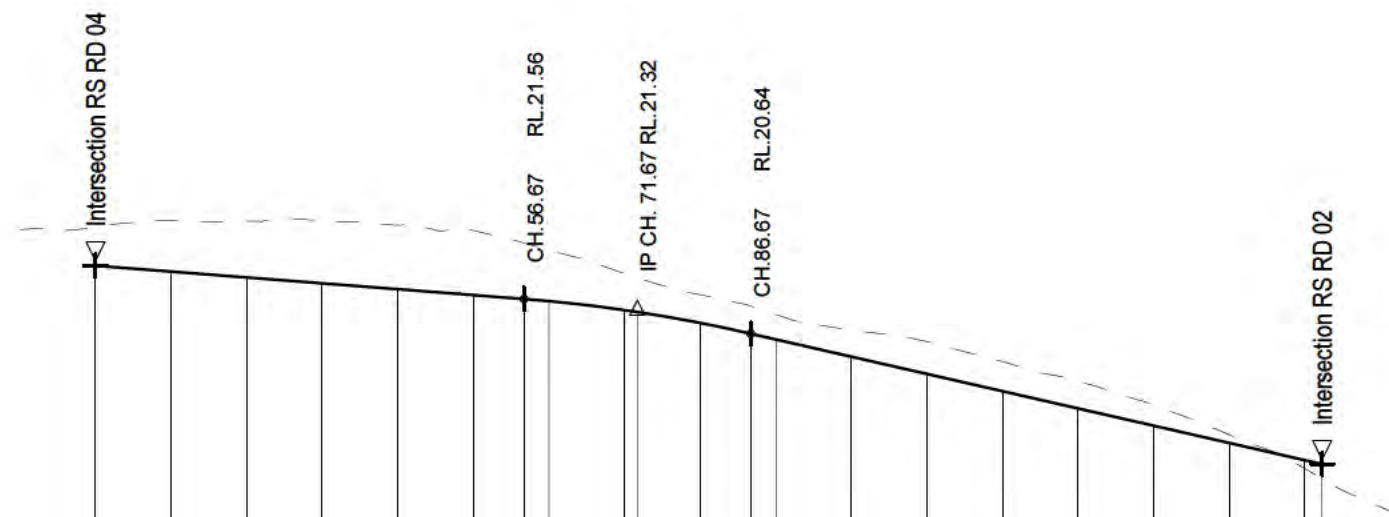
DATUM R.L. 6.00

Finished Levels	19.39	19.03	18.87
Existing Ground	20.23	19.68	19.45
Cut / Fill Depth	-0.84	-0.65	-0.58
Chainage	300.00	310.00	314.64

LONGITUDINAL SECTION RS RD 05

Horizontal Scale 1 : 1000

Vertical Scale 1 : 200



Horizontal Curve Data

Vertical Geometry Grade (%)

Vertical Grade Length

Vertical Curve Length (m)

Vertical Curve Radius (m)

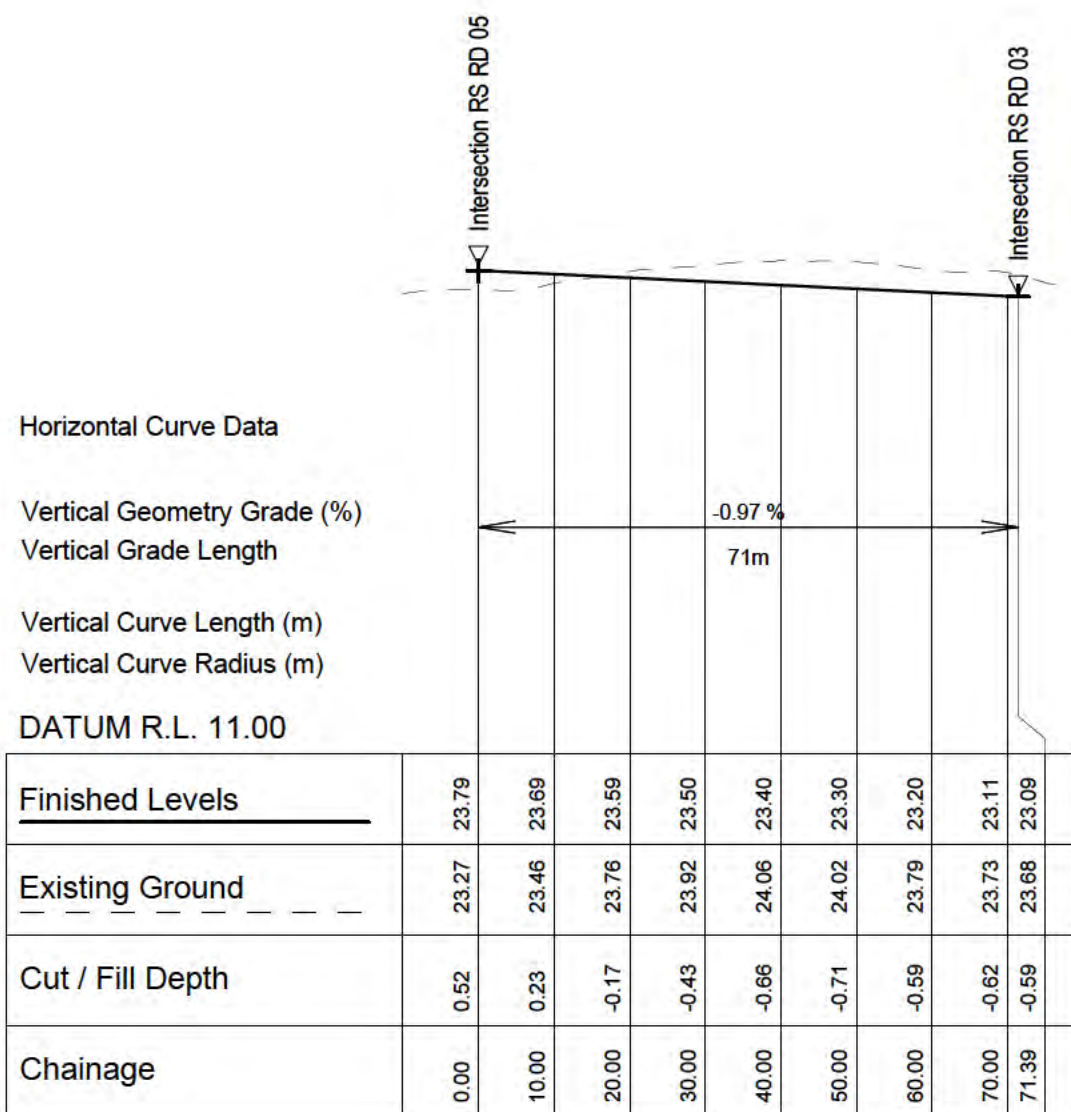
DATUM R.L. 3.00

Finished Levels	22.43	22.28	22.12	21.97	21.81	21.66	21.56	21.50	21.26	21.21	20.92	20.64	20.49	20.03	19.57	19.12	18.66	18.20	17.75	17.29	17.19
Existing Ground	23.46	23.64	23.62	23.63	23.51	23.37	23.04	22.84	22.22	22.10	21.67	21.37	21.15	20.73	20.43	19.90	19.38	18.75	17.97	17.06	16.80
Cut / Fill Depth	-1.03	-1.36	-1.49	-1.66	-1.69	-1.71	-1.48	-1.34	-0.96	-0.89	-0.75	-0.73	-0.66	-0.70	-0.86	-0.78	-0.72	-0.55	-0.22	0.22	0.38
Chainage	0.00	10.00	20.00	30.00	40.00	50.00	56.67	60.00	70.00	71.67	80.00	86.67	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	162.27

LONGITUDINAL SECTION RS RD 06

Horizontal Scale 1 : 1000

Vertical Scale 1 : 200

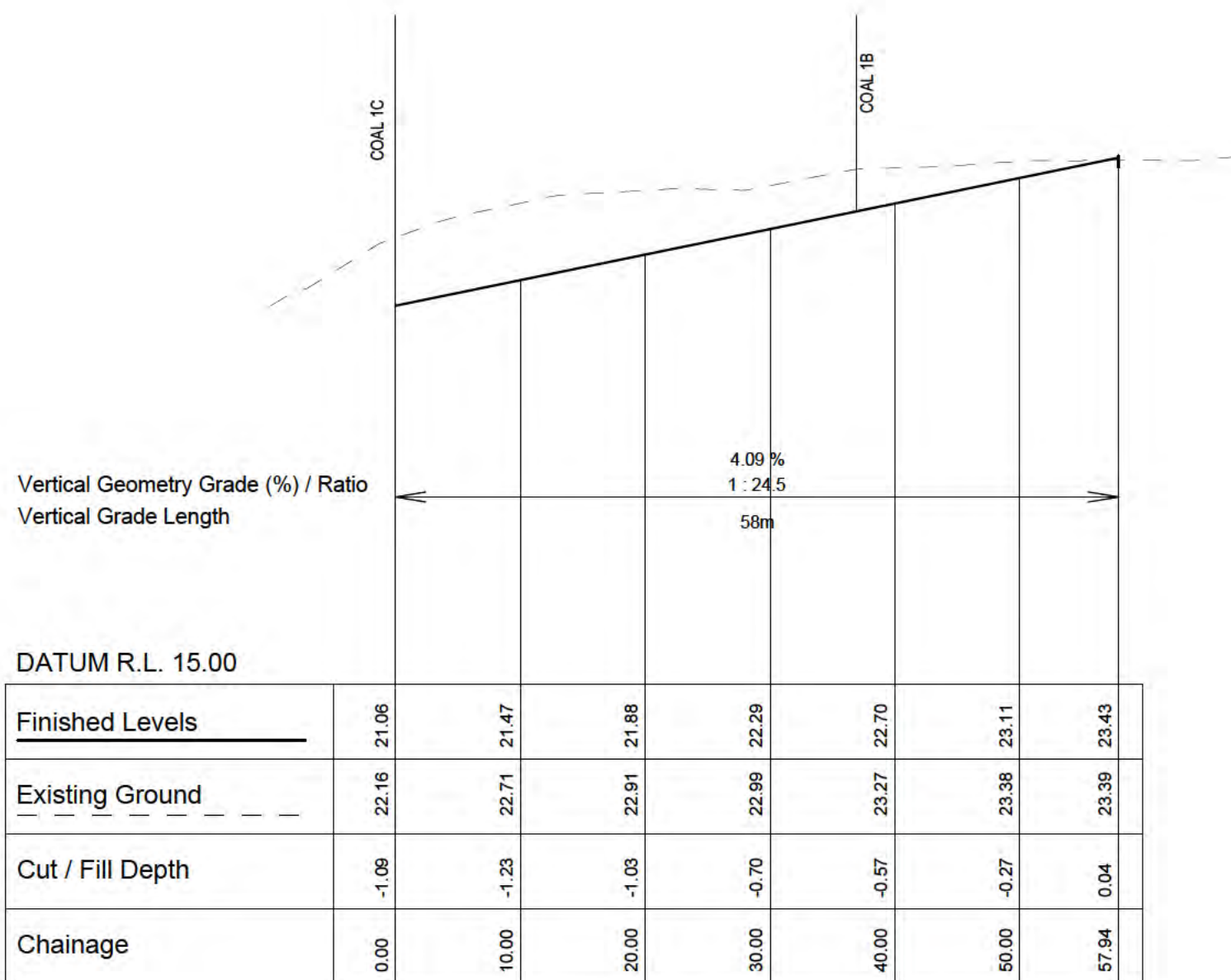


LONGITUDINAL SECTION RS RD 07
Horizontal Scale 1 : 1000
Vertical Scale 1 : 200

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	ORIGINAL SCALE	ORIGINAL SIZE
05/10/2022	1:1000(H)1:200(V)	A3
DRAWING NO.	44314-DR-C-3109	REVISION
		A

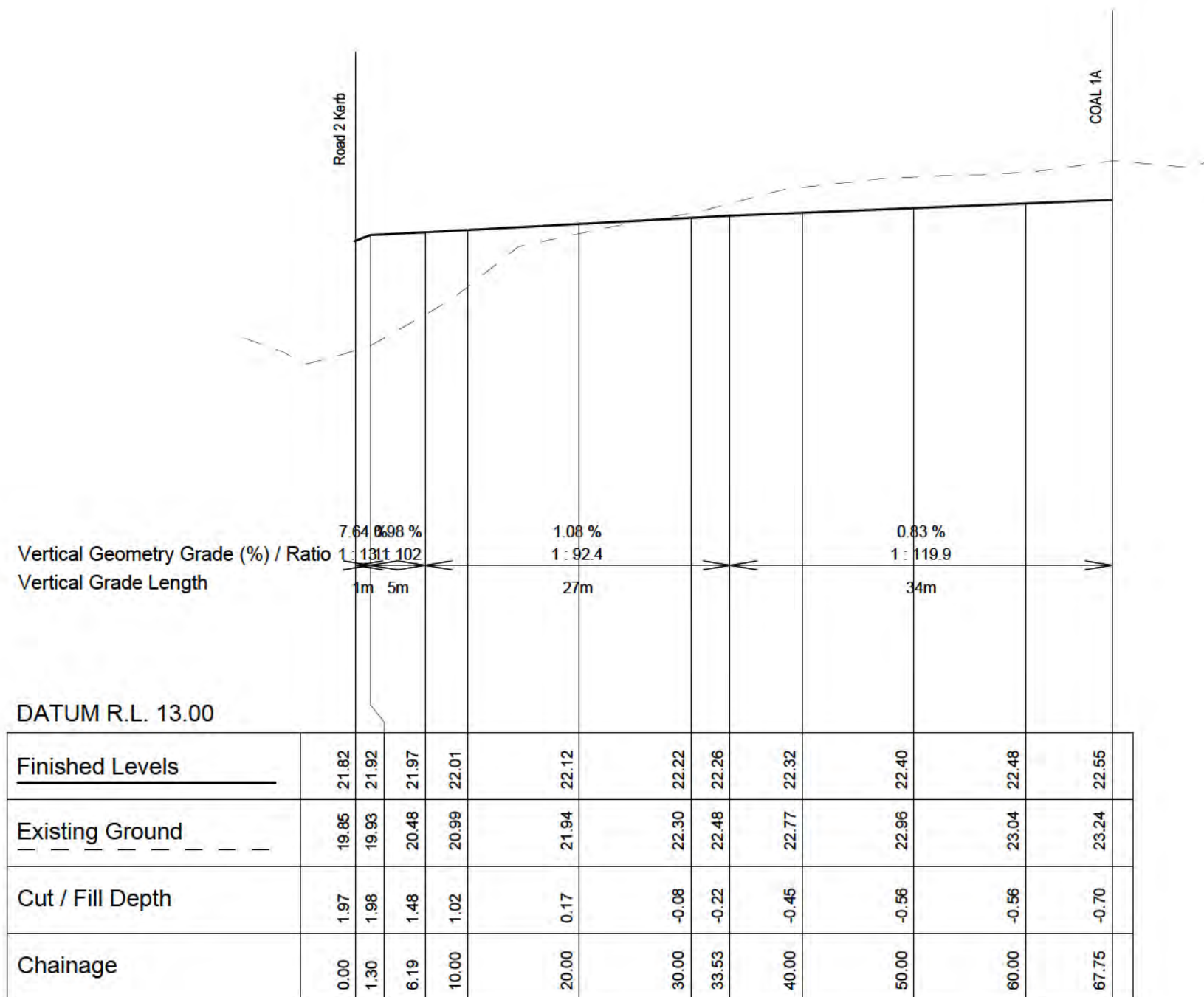


DRIVEWAY 1 - RS COAL 1A
Horizontal Scale 1 : 500
Vertical Scale 1 : 100

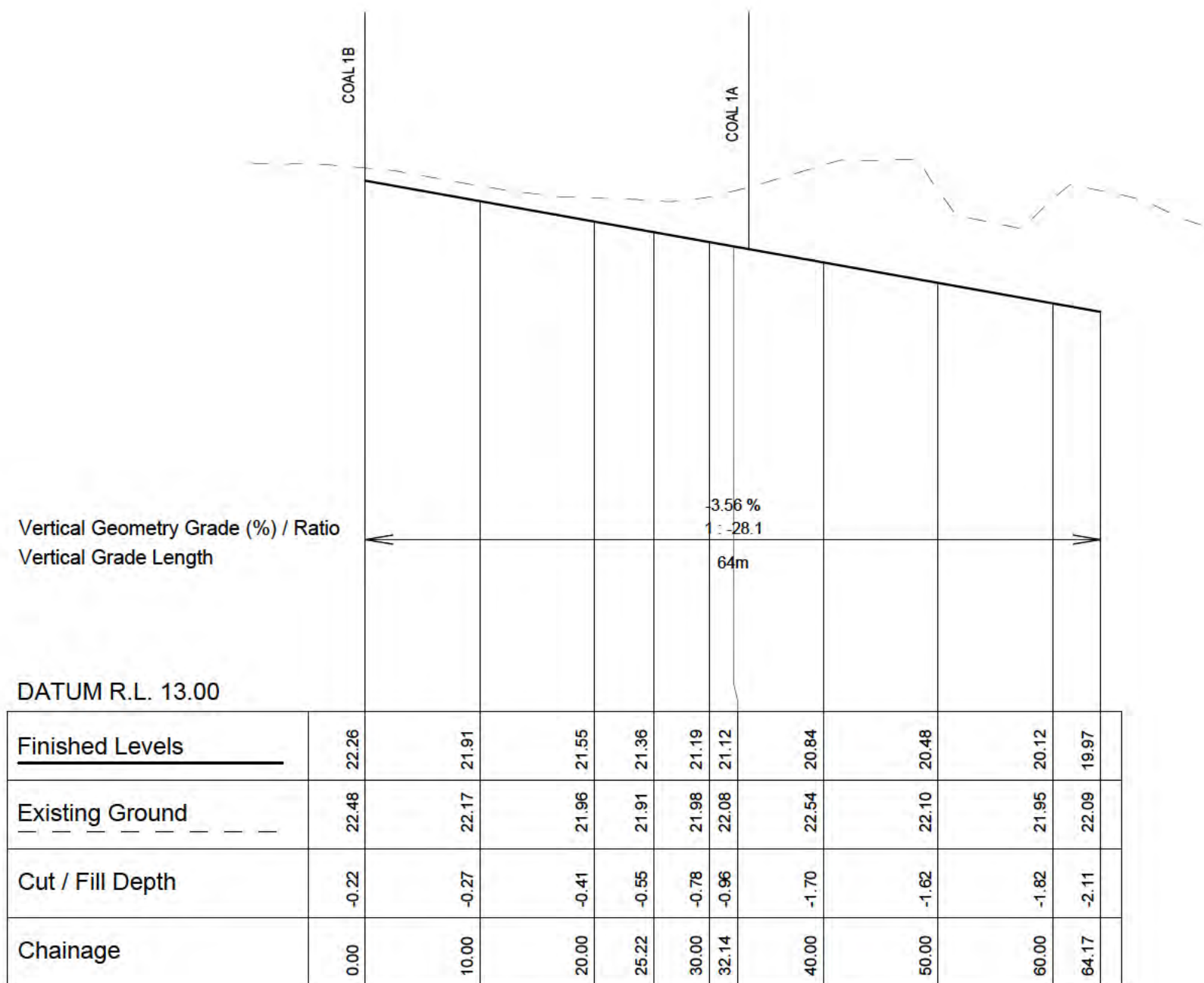
No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

NAME	DATE
SURVEYED	-
DESIGNED	M. Chen 02/10/2022
DRAWN	S. Baby 05/10/2022
DATE	05/10/2022
ORIGINAL SCALE	1 500(H) 1 100(V)
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-C-3150
REVISION	A



DRIVEWAY 1 - RS COAL1B
Horizontal Scale 1 : 500
Vertical Scale 1 : 100



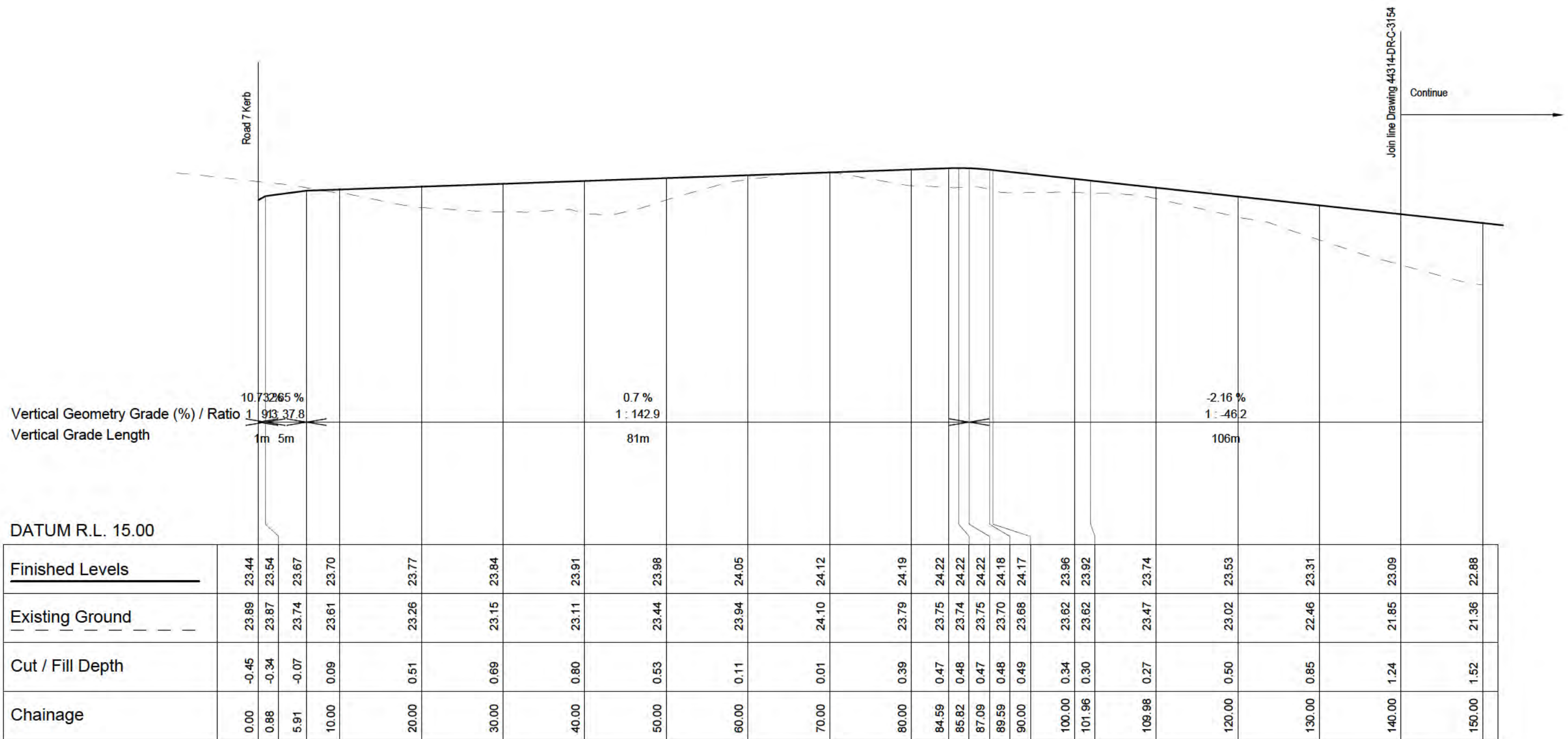
DRIVEWAY 1 - RS COAL 1C

Horizontal Scale 1 : 500
Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	ORIGINAL SCALE	ORIGINAL SIZE
05/10/2022	1 500(H) 1 100(V)	A3
DRAWING NO.	44314-DR-C-3152	REVISION
		A



DRIVEWAY 1 - RS COAL 2

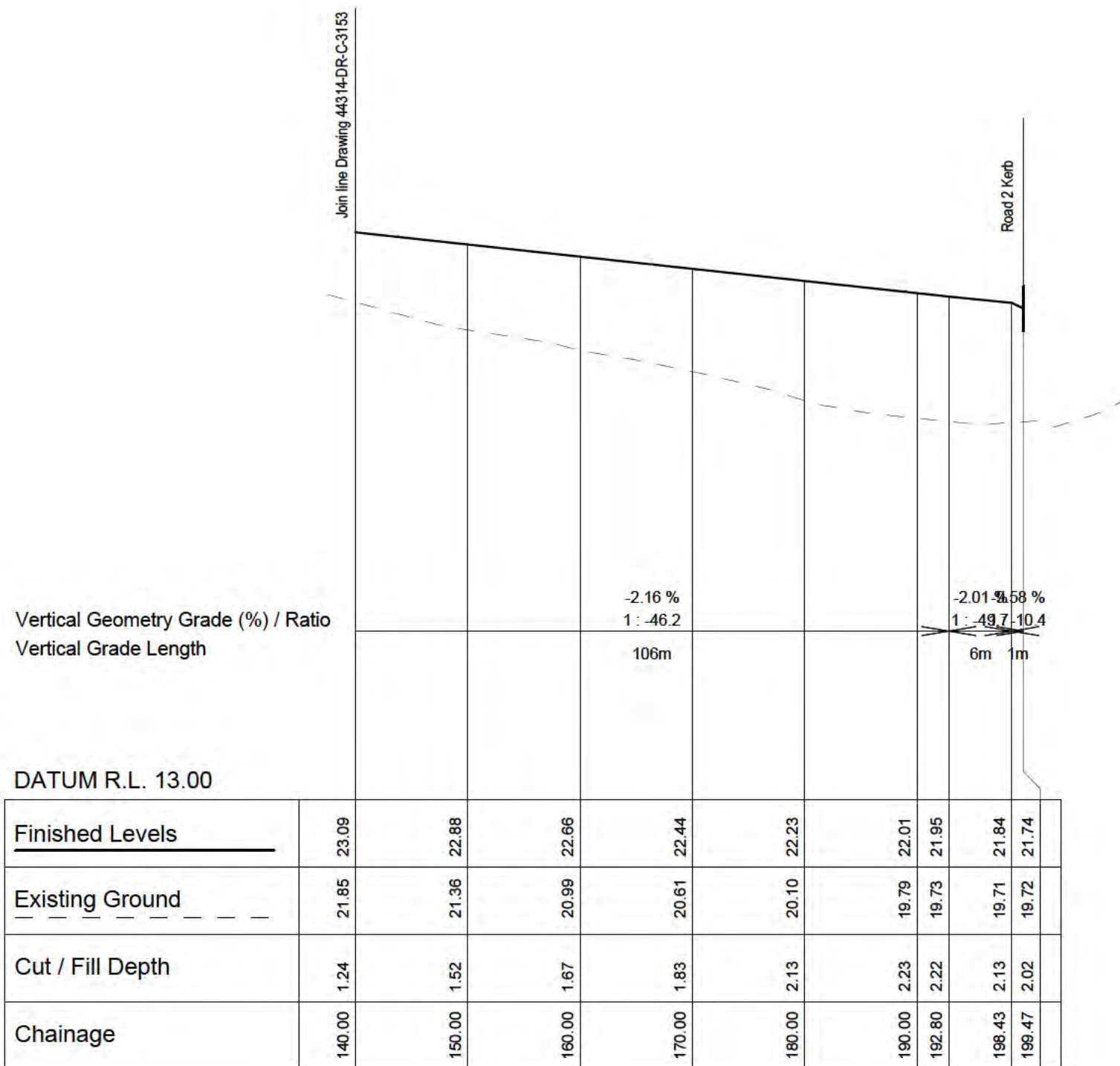
Horizontal Scale 1 : 500

Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	05/10/2022	ORIGINAL SCALE
		1 500(H) 1 100(V)
DRAWING NO.	44314-DR-C-3153	ORIGINAL SIZE
		A3
		REVISION
		A

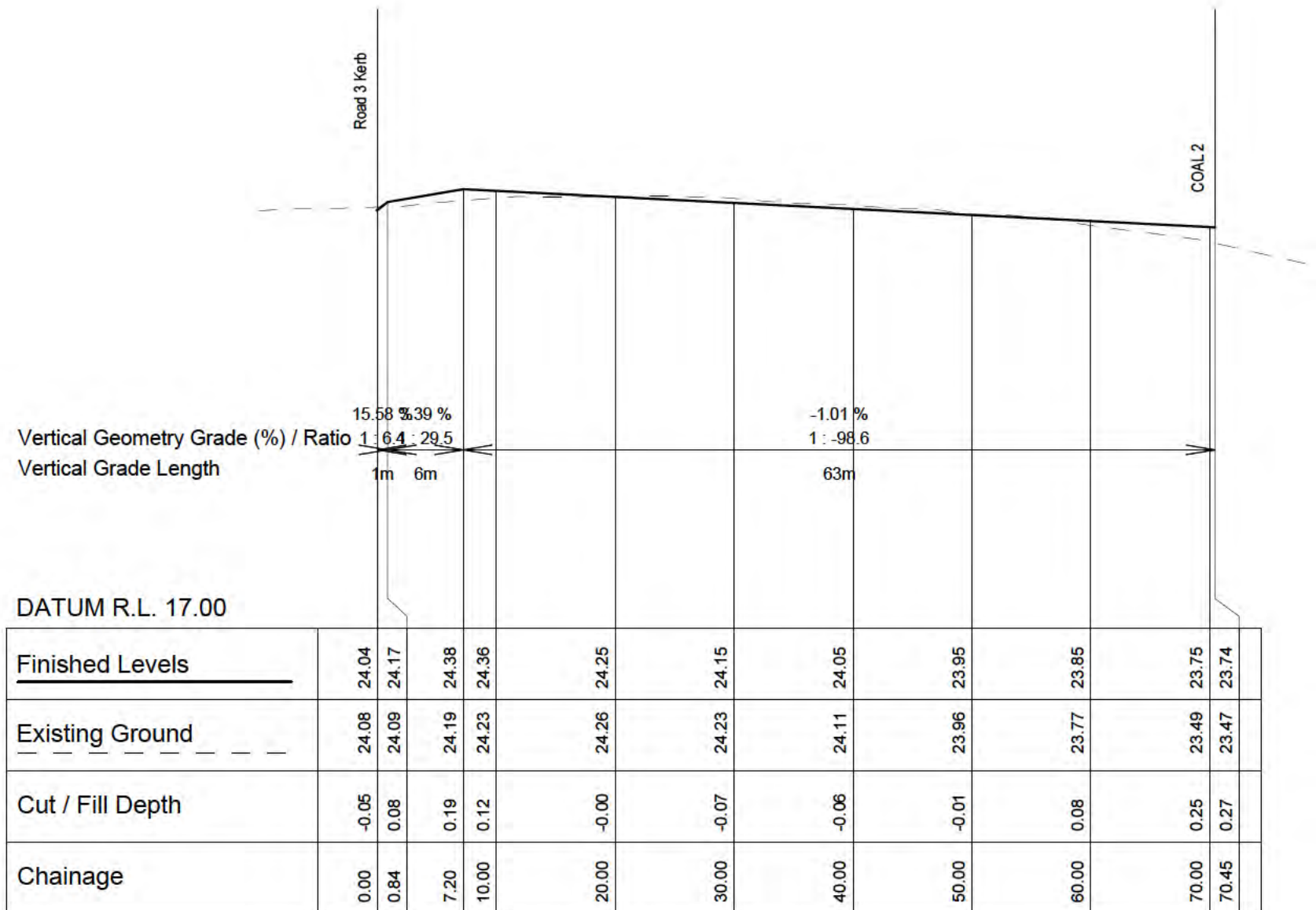


DRIVEWAY 1 - RS COAL 2
Horizontal Scale 1 : 500
Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

NAME	DATE
SURVEYED	-
DESIGNED	M. Chen 02/10/2022
DRAWN	S. Baby 05/10/2022
DATE	05/10/2022
ORIGINAL SCALE	1 500(H) 1 100(V)
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-C-3154
REVISION	A

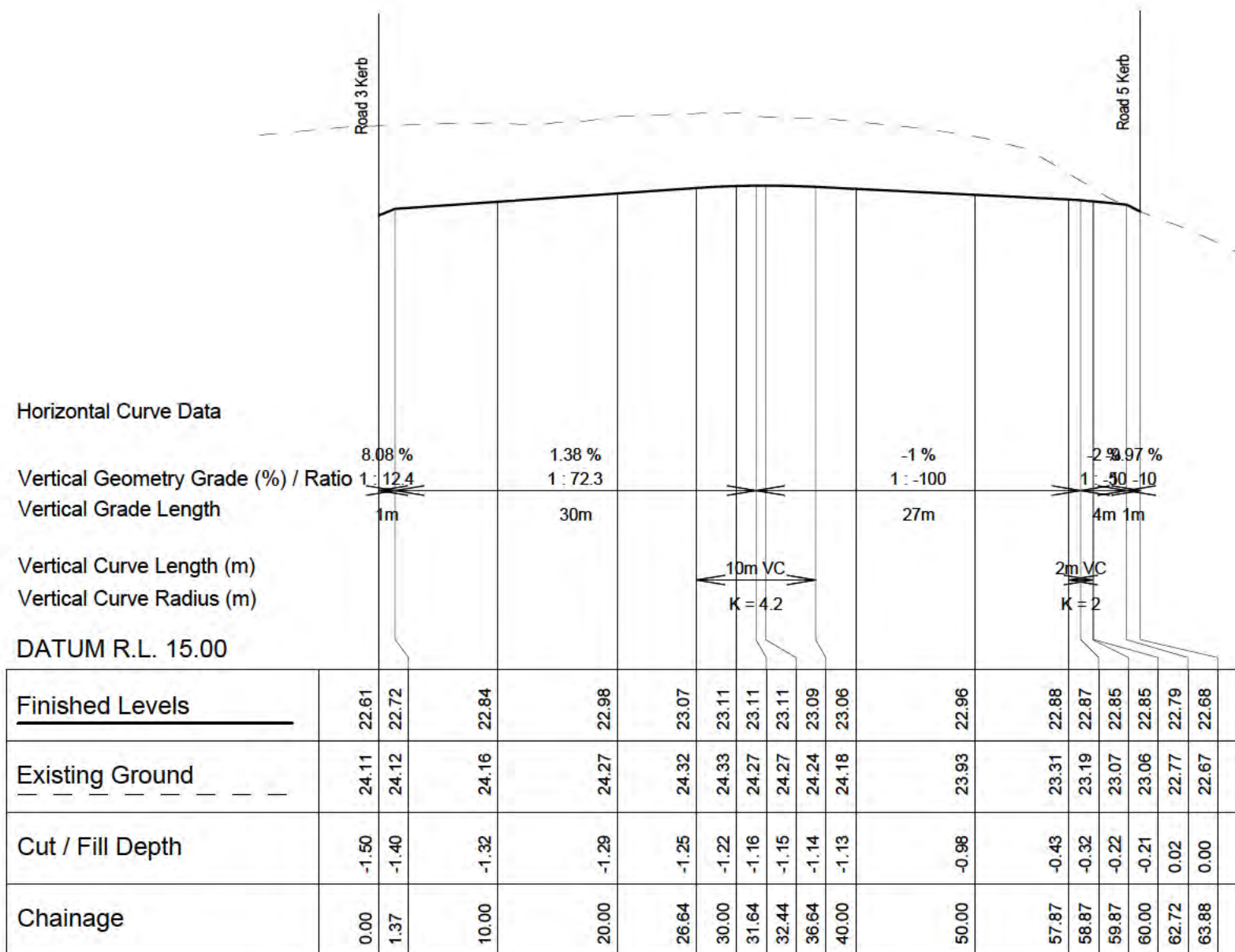


DRIVEWAY 1 - RS COAL 2A
Horizontal Scale 1 : 500
Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

NAME	DATE
SURVEYED	-
DESIGNED	M. Chen 02/10/2022
DRAWN	S. Baby 05/10/2022
DATE	05/10/2022
ORIGINAL SCALE	1 500(H) 1 100(V)
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-C-3155
REVISION	A

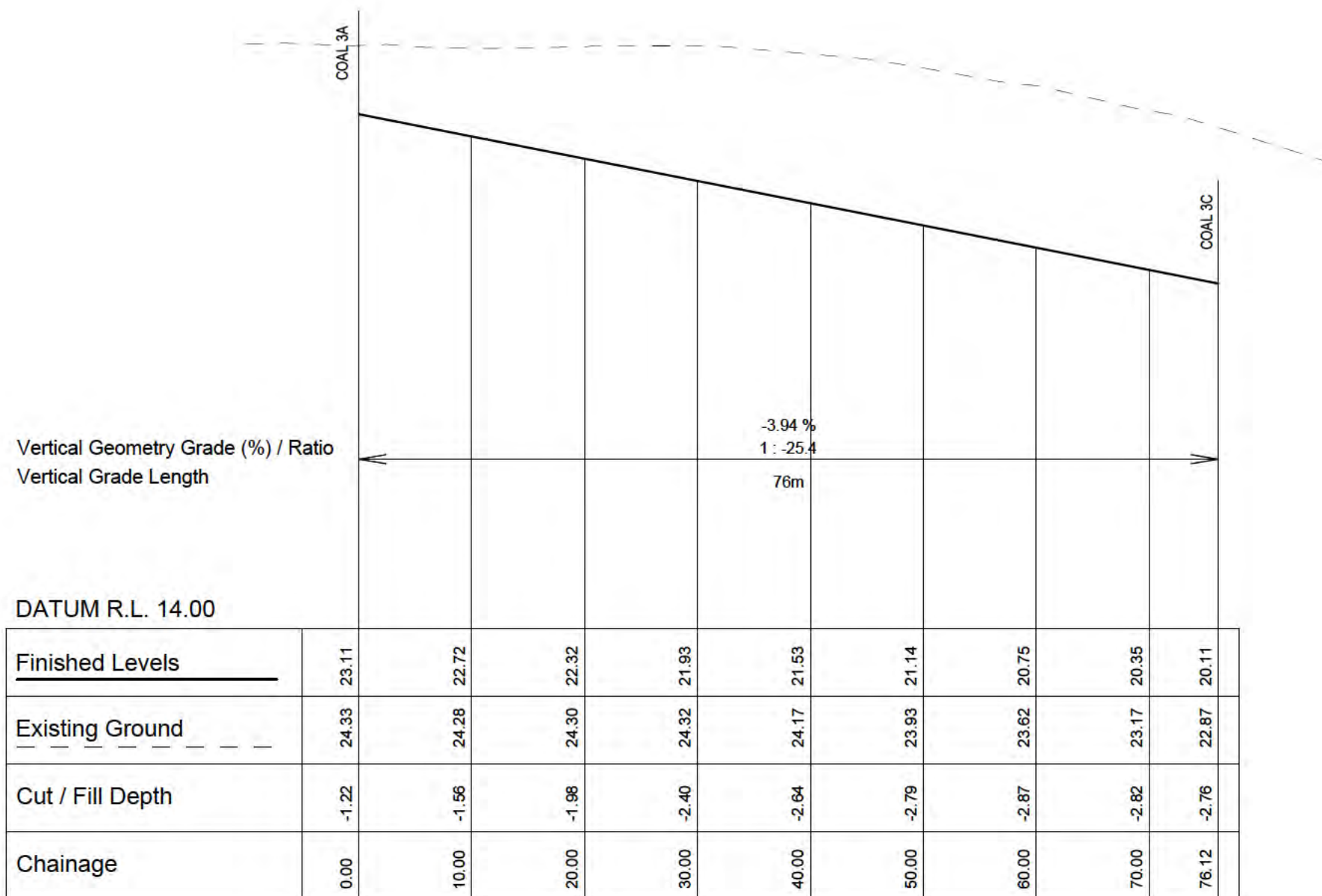


DRIVEWAY 1 - RS COAL3A
Horizontal Scale 1 : 500
Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	ORIGINAL SCALE	ORIGINAL SIZE
05/10/2022	1 500(H) 1 100(V)	A3
DRAWING NO.	44314-DR-C-3156	REVISION
		A

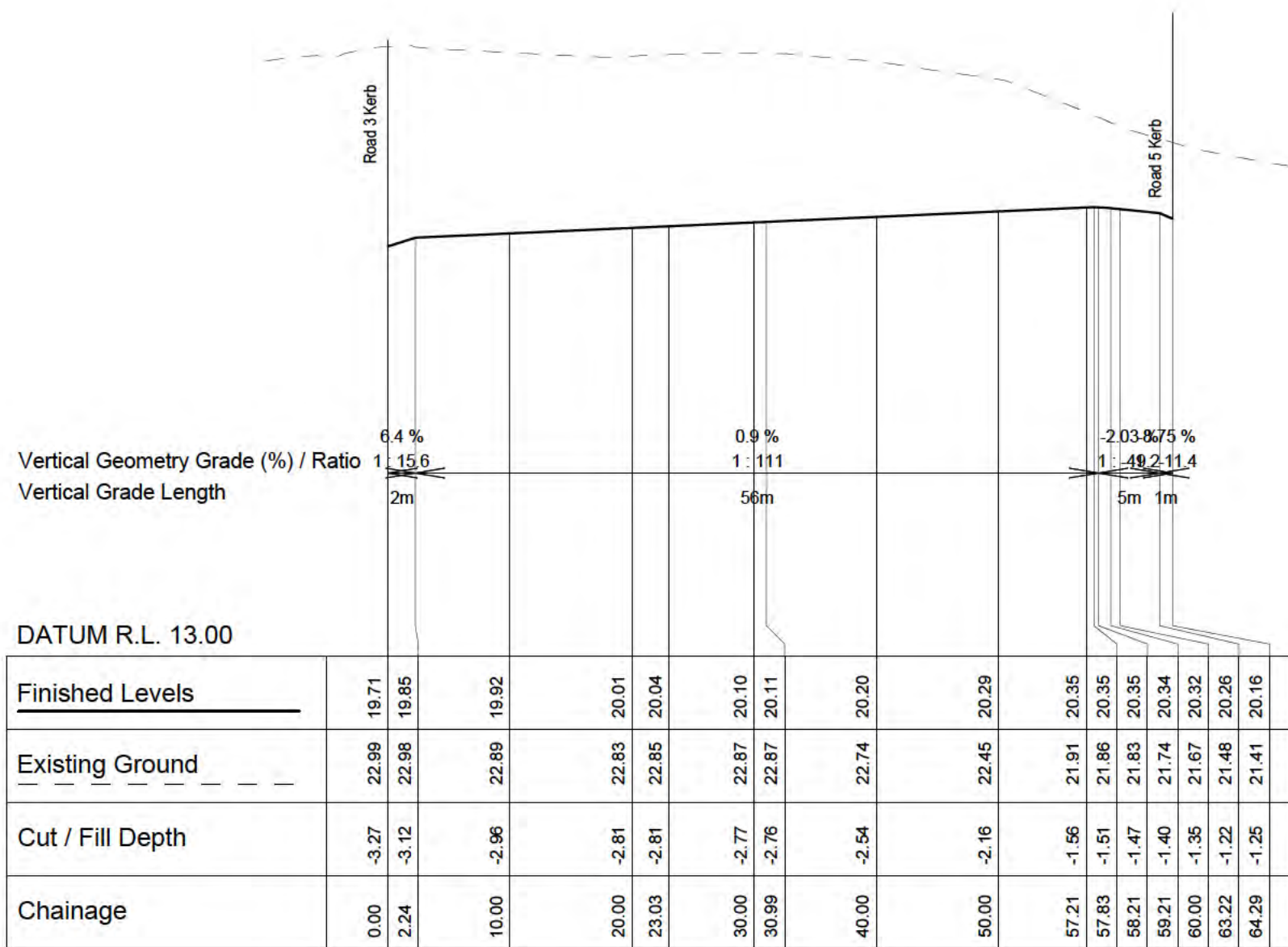


DRIVEWAY 1 - RS COAL3B
Horizontal Scale 1 : 500
Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

NAME	DATE
SURVEYED	-
DESIGNED	M. Chen 02/10/2022
DRAWN	S. Baby 05/10/2022
DATE	05/10/2022
ORIGINAL SCALE	1 500(H) 1 100(V)
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-C-3157
REVISION	A

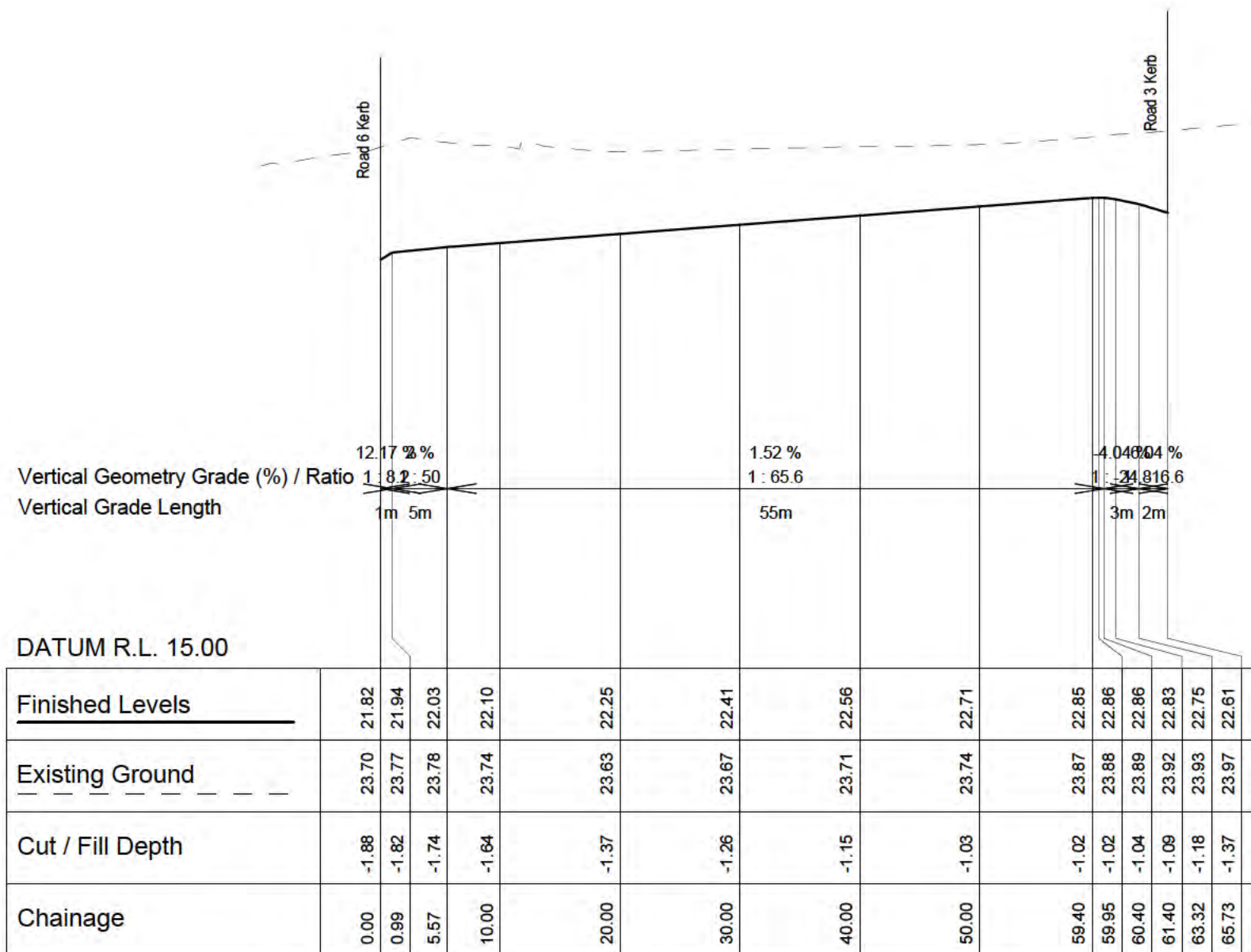


DRIVEWAY 1 - RS COAL3C
Horizontal Scale 1 : 500
Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	05/10/2022	ORIGINAL SCALE
		1 500(H) 1 100(V)
DRAWING NO.	44314-DR-C-3158	ORIGINAL SIZE
		A3
		REVISION
		A

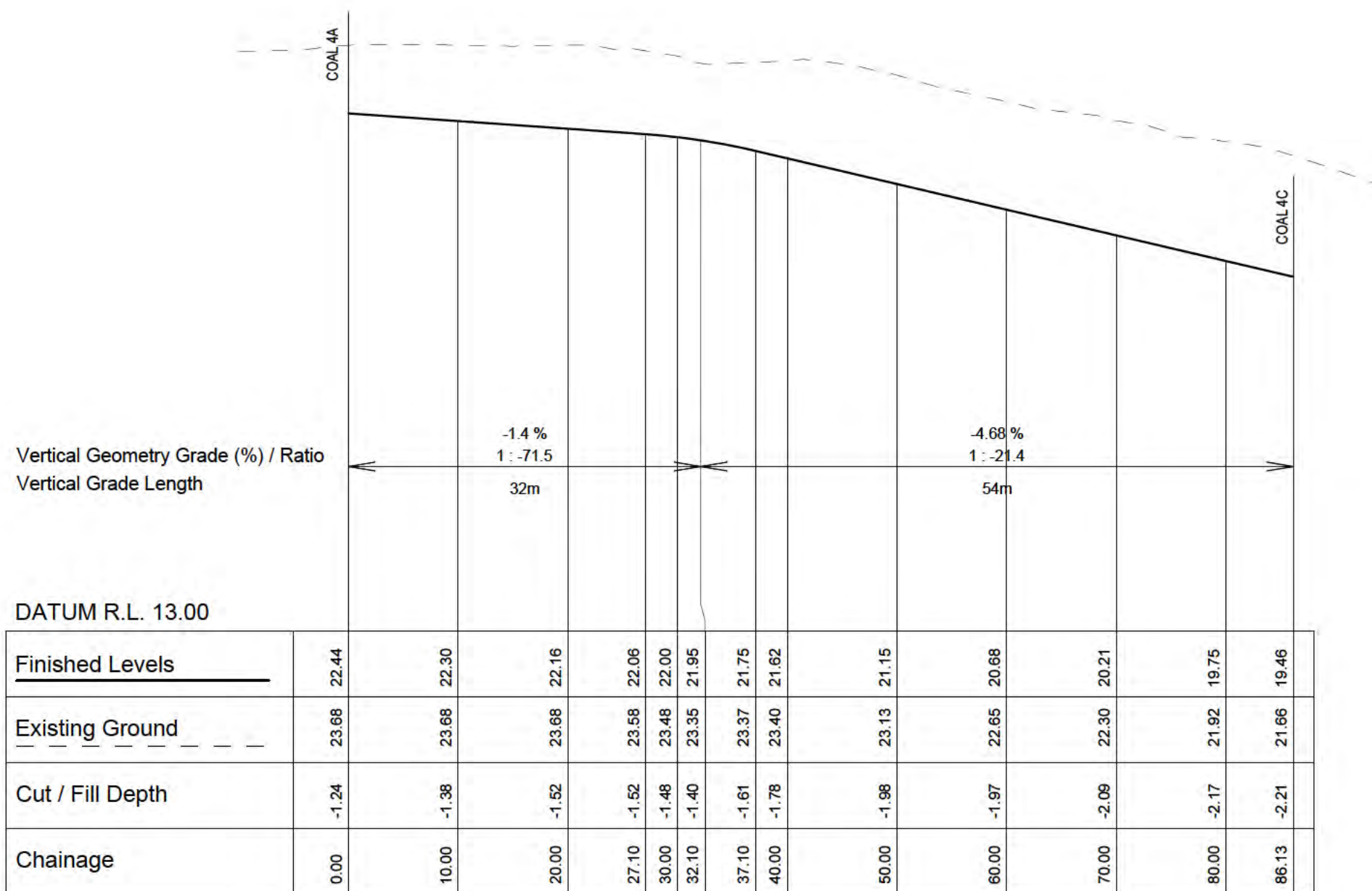


DRIVEWAY 1 - RS COAL4A
Horizontal Scale 1 : 500
Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	05/10/2022	ORIGINAL SCALE
		1 500(H) 1 100(V)
DRAWING NO.	44314-DR-C-3159	ORIGINAL SIZE
		A3
		REVISION
		A

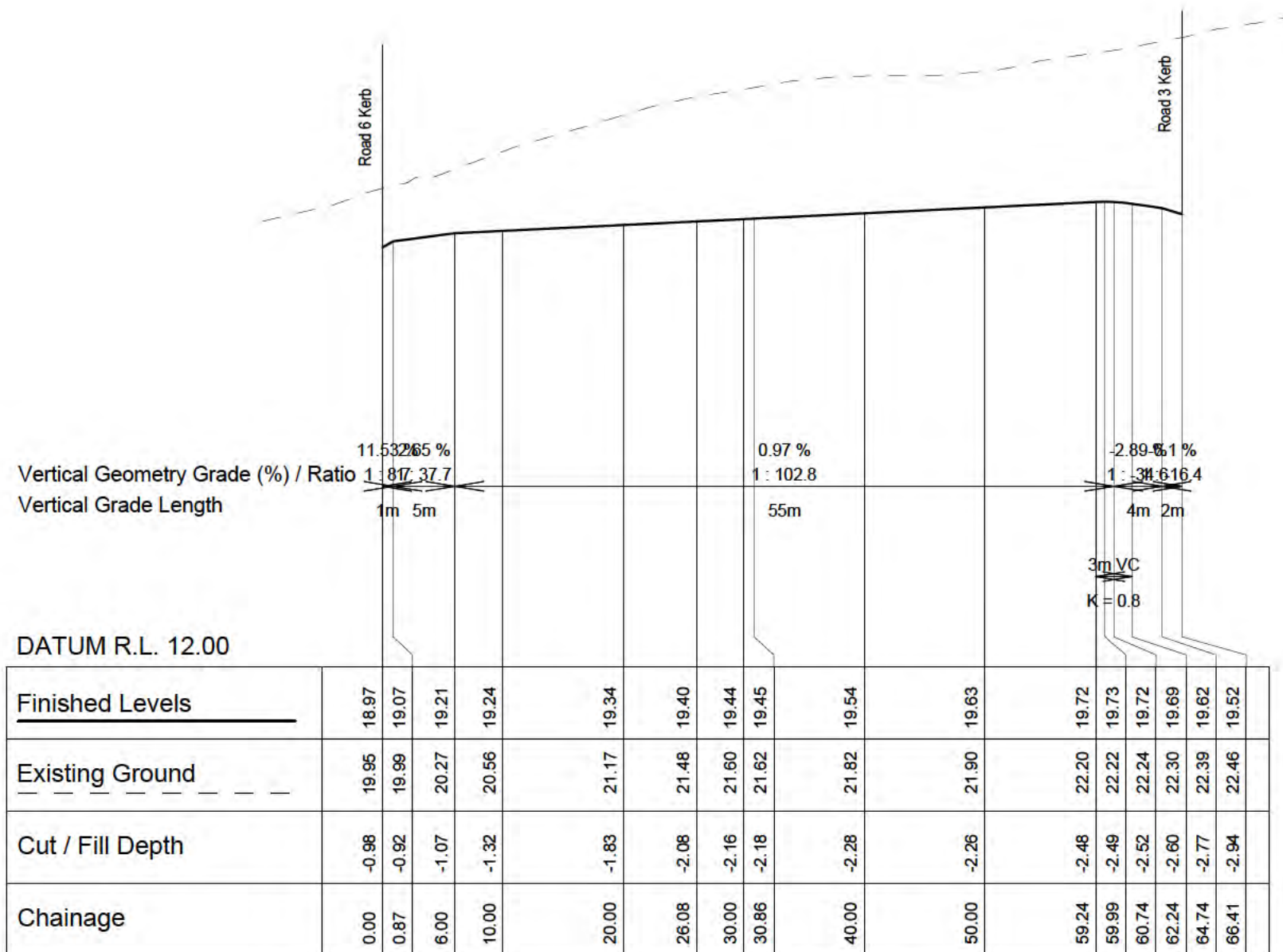


DRIVEWAY 1 - RS COAL4B
Horizontal Scale 1 : 500
Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

SURVEYED	NAME	DATE
DESIGNED	M. Chen	02/10/2022
DRAWN	S. Baby	05/10/2022
DATE	ORIGINAL SCALE	ORIGINAL SIZE
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DRAWING NO.	44314-DR-C-3160	REVISION
		A

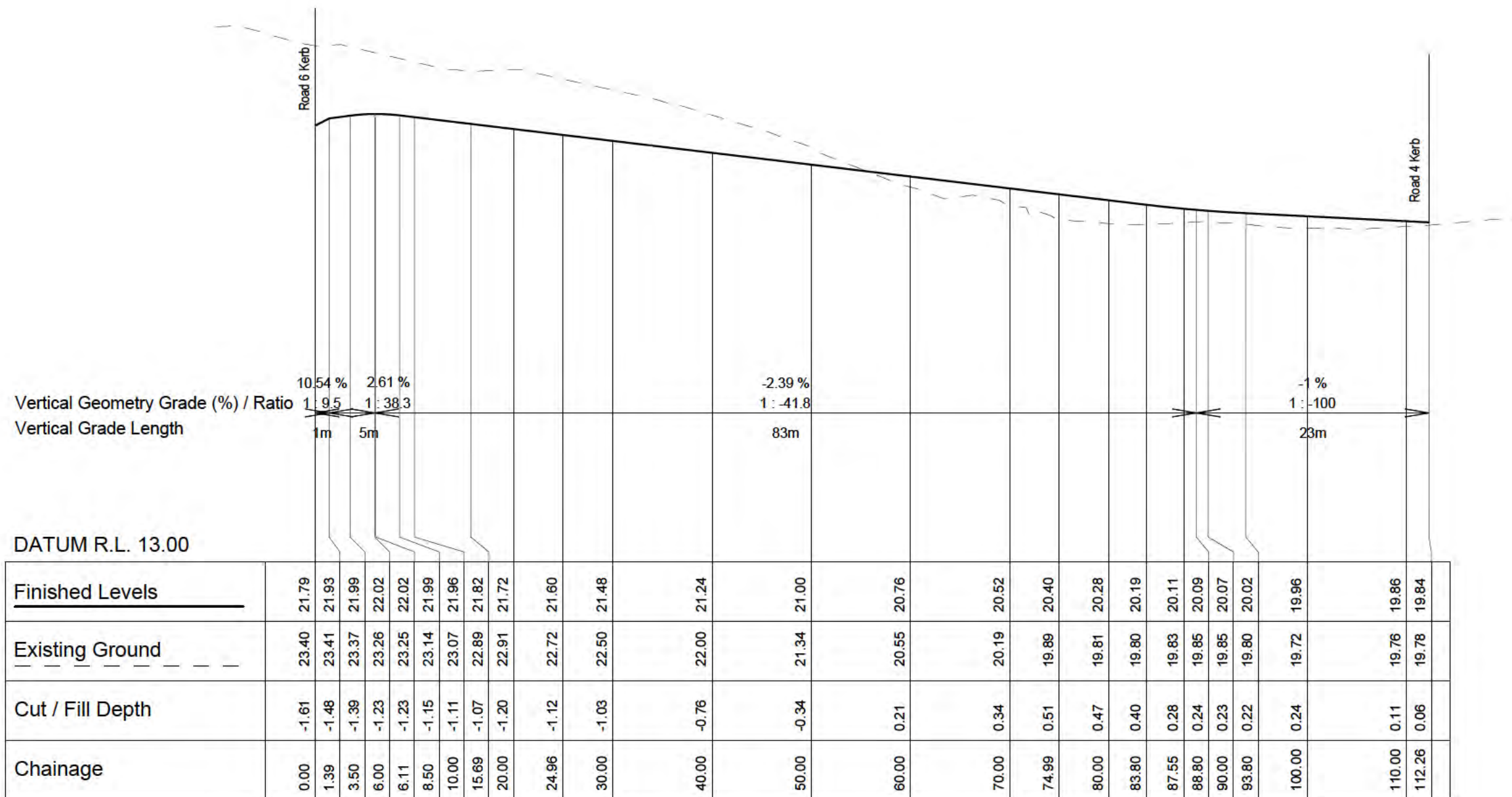


DRIVEWAY 1 - RS COAL4C
Horizontal Scale 1 : 500
Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

NAME	DATE
SURVEYED	-
DESIGNED	M. Chen 02/10/2022
DRAWN	S. Baby 05/10/2022
DATE	05/10/2022
ORIGINAL SCALE	1 500(H) 1 100(V)
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-C-3161
REVISION	A



DRIVEWAY 1 - RS COAL 5

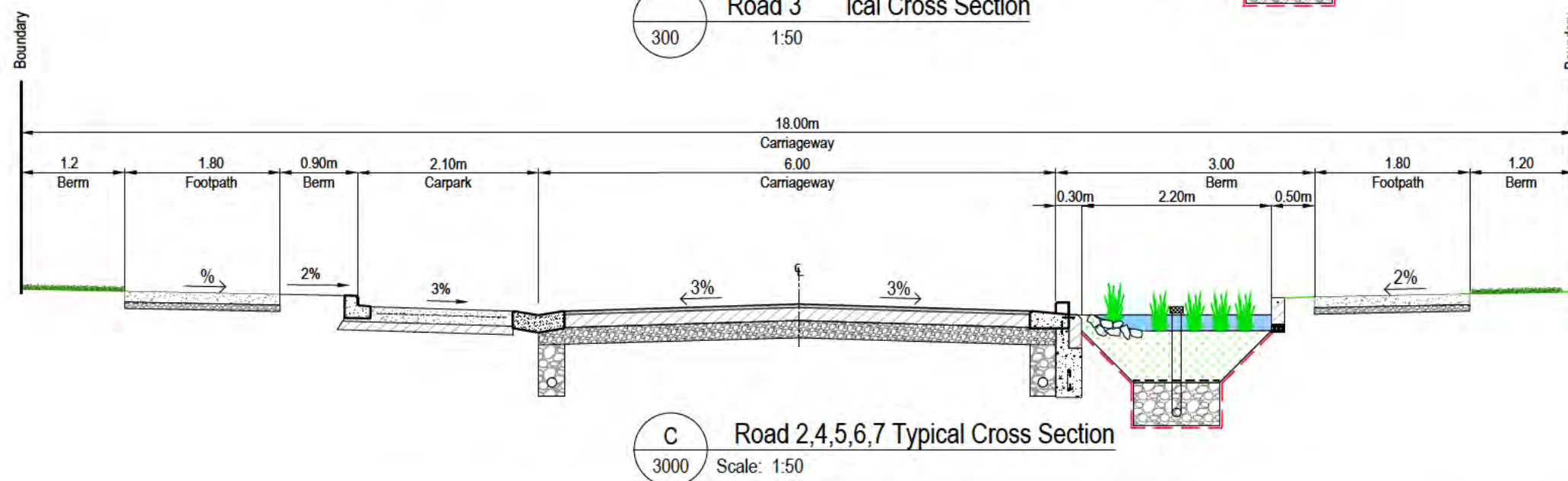
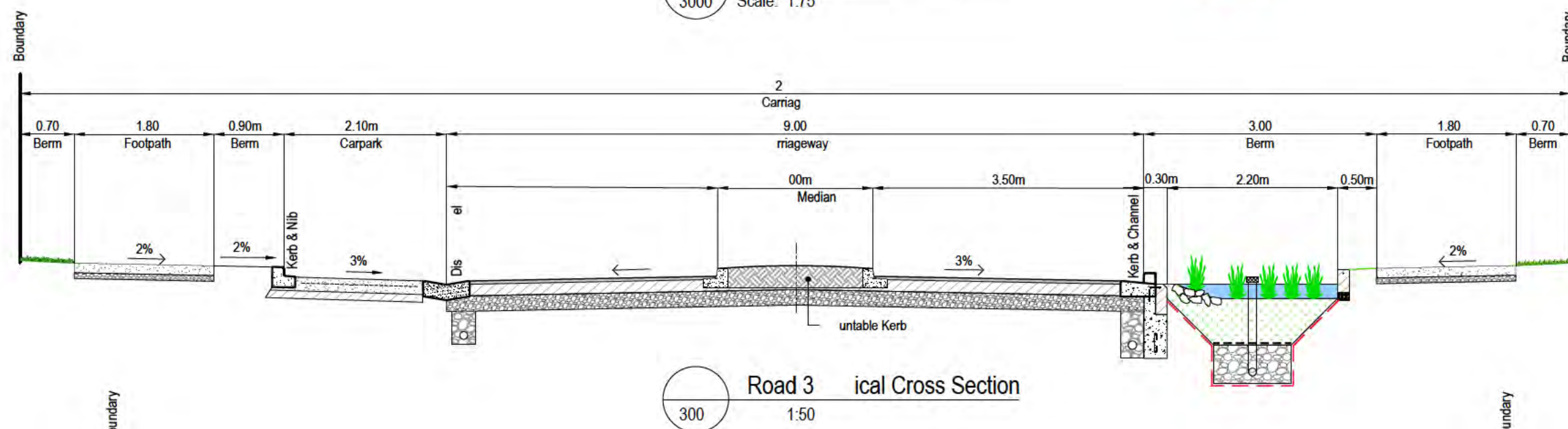
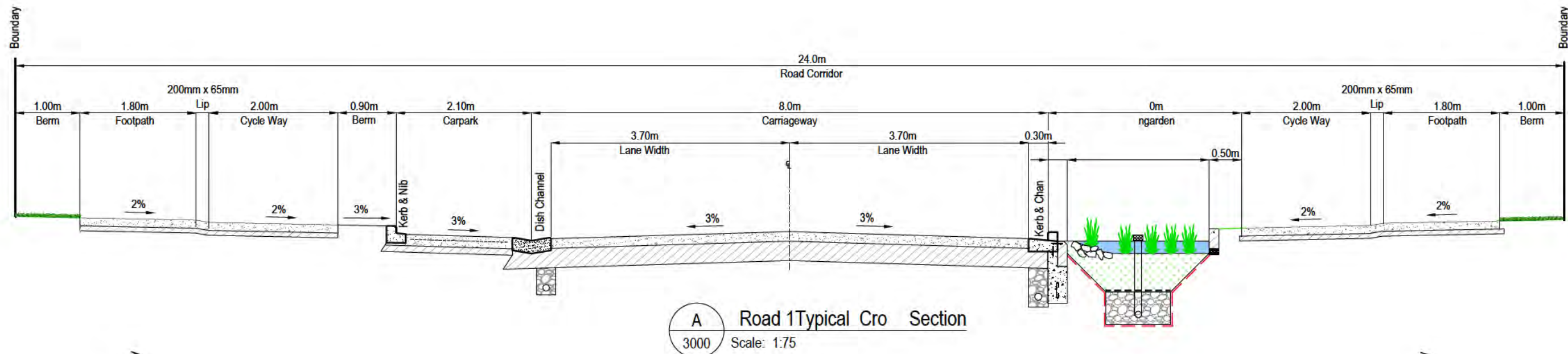
Horizontal Scale 1 : 500

Vertical Scale 1 : 100

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022

FOR RESOURCE CONSENT

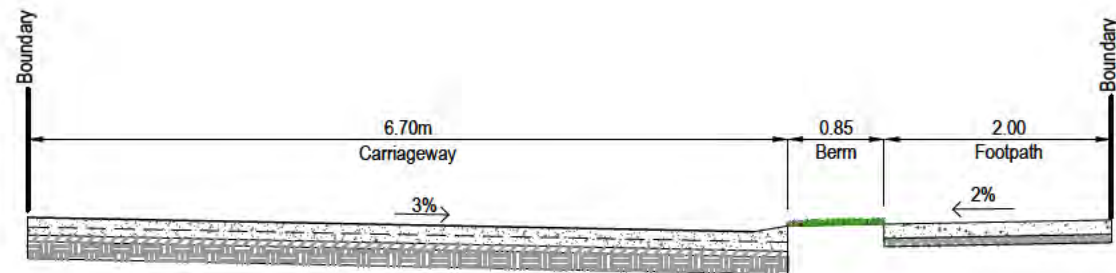
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DESIGNED	M. Chen	02/10/2022
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DATE	05/10/2022	ORIGINAL SCALE
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DRAWING NO.	44314-DR-C-3162	ORIGINAL SIZE
		A3
		REVISION
		A



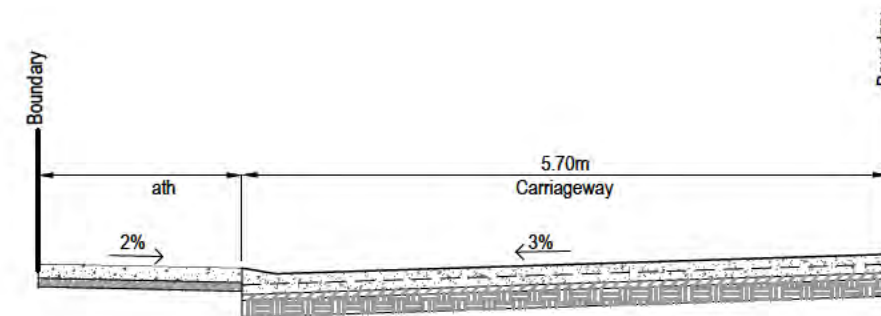
No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	TBC

FOR RESOURCE CONSENT

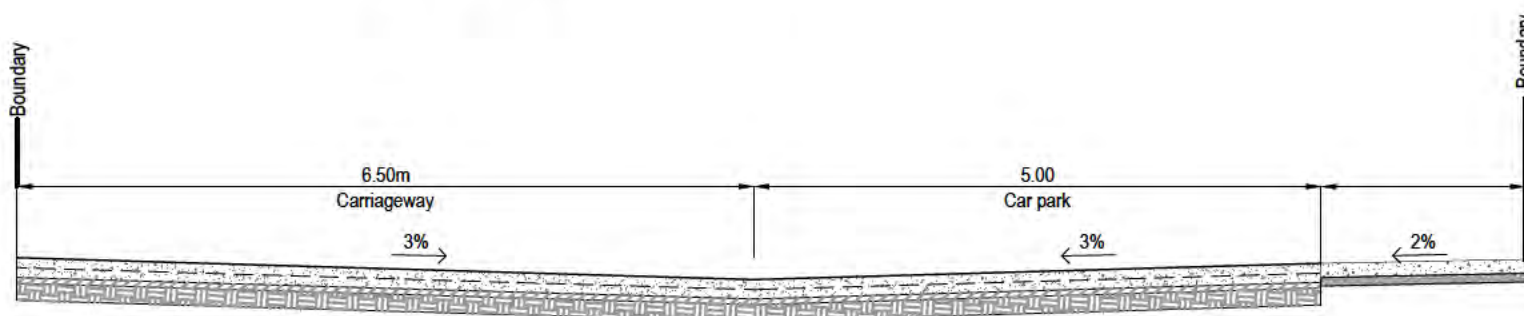
NAME	DATE
SURVEYED	
DESIGNED	M. Chen 23/06/2022
DRAWN	S. Baby 23/06/2022
DATE	23/06/2022
ORIGINAL SCALE	As Shown
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-C-3200
REVISION	A



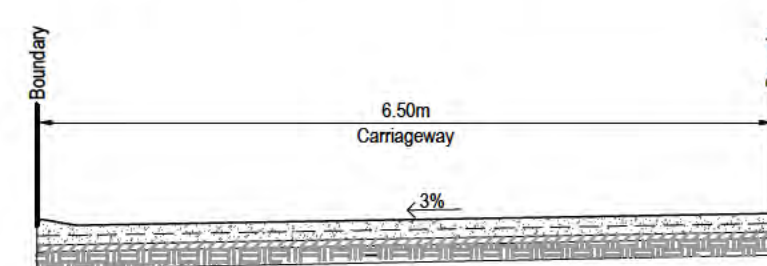
D COAL 1A Typical Cross Section
3001 Scale: 1:75



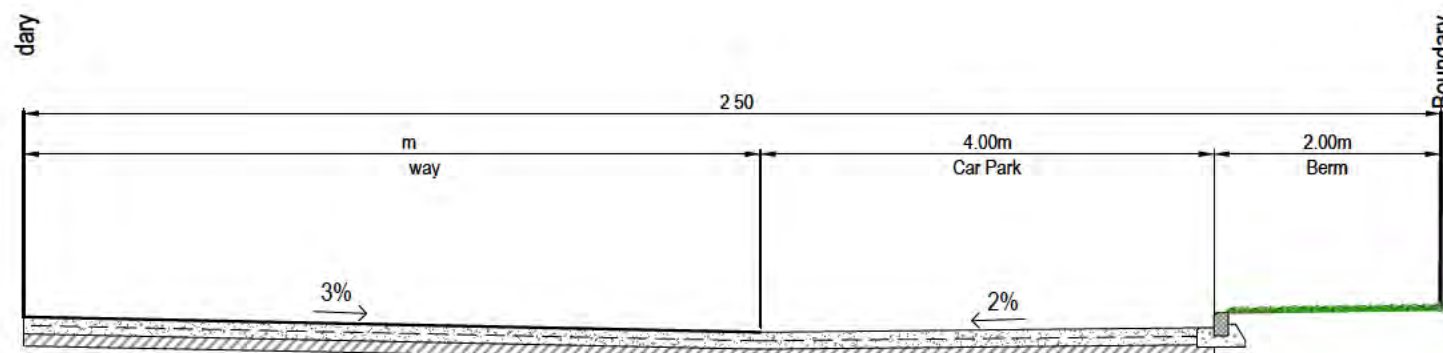
E AL 1B Typical Cross Section
3001 Sca 75



F COAL 1C Typical Cross Sect
3001 Scale: 1:75



G Typical COAL 2 Cross Section
3001 Scale: 1:75

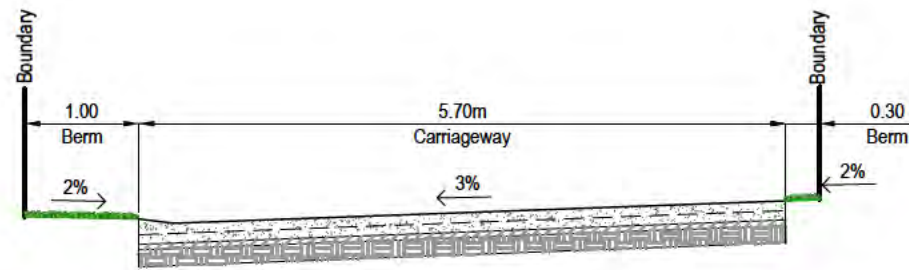


H COAL 3A ,4A Typical Section
3003 Scale: 1:75

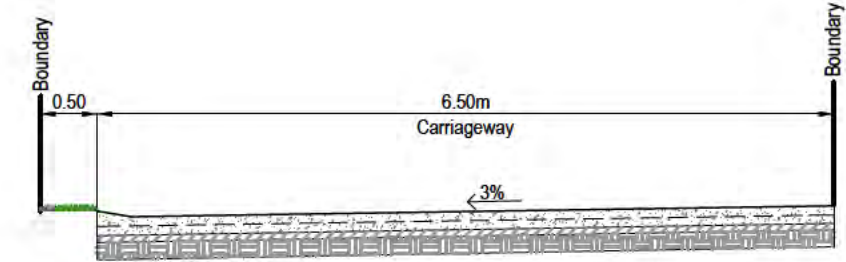
No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	TBC

FOR RESOURCE CONSENT

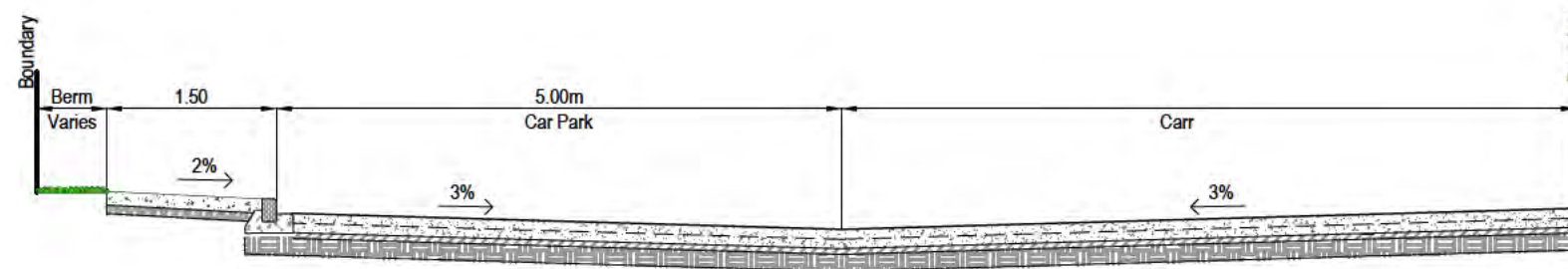
NAME	DATE
SURVEYED	-
DESIGNED	M.Chen 23/06/2022
DRAWN	B.Nel 29/06/2022
DATE	29/06/2022
ORIGINAL SCALE	As Shown
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-C-3201
REVISION	A



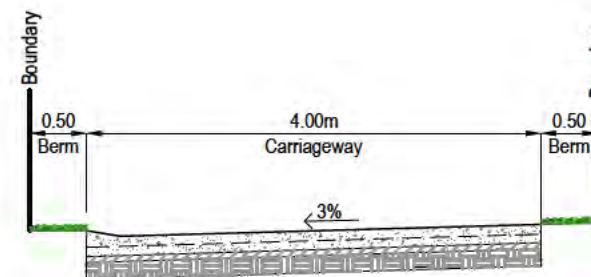
I COAL 3B ,4B Typical Cross Section
3002 Scale: 1:75



J CO C ,4C Typical Cross Section
3002 Scale: 1



K CO Typical Cross Section
3002 Scale:



L COAL 6-9 ,11-13 Typical Cross Section
3001 Scale: 1:75

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	TBC

FOR RESOURCE CONSENT

NAME	DATE
SURVEYED	-
DESIGNED	M.Chen 23/06/2022
DRAWN	B.Nel 29/06/2022
DATE	29/06/2022
ORIGINAL SCALE	As Shown
ORIGINAL SIZE	A3
DRAWING NO.	44314-DR-C-3202
REVISION	A

DP 8224

Pt 96
DP 8224

3
DP 64526

Pt 97
DP 8224

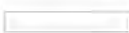
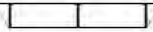
Closed
Road
3057
Pt 10
2A
Psh of
Vaipareva

Refer Drawing 44314-DR-C-3801

Refer Drawing 44314-DR-C-3802

Refer Drawing 44314-DR-C-3803

Road Legend

-  Proposed Footpath
-  Proposed Cycleway
-  Proposed Vehicle Crossing
-  Proposed Street Parking
-  Proposed Trees
-  Proposed Street Light
-  Proposed Raingarden
-  Proposed Cesspit
-  Indicative Bin Street Location
-  Indicative Bin Site Location



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NOTES

GENERAL

- The Contractor shall be responsible for locating all existing services prior to commencement of works. The Contractor shall make good at their own expense any damage to existing services.
- Levels are in terms of Auckland Vertical Datum 1946.
- All works are to be installed in accordance with Auckland Council Design Manual - Code of Practice for Land Development and Subdivision:
(www.aucklandcouncil.govt.nz/regulations/codes-of-practice)
 - Chapter 1 - General Requirements
 - Chapter 2 - Earthworks & Geotechnical
 - Chapter 3 - Transport (Auckland Transport)
 - Chapter 4 - Stormwater
 - Chapter 5 - Wastewater (Watercare)
 - Chapter 6 - Water (Watercare)
 - Chapter 7 - Landscape
- If discrepancies are found between the standards, confirmation shall be sought from the Engineer and supervising council field officer.

Standard Drawings available from their respective websites or the Engineer.

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ARCHITECTS | ENVIRONMENTAL

Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Overall Refuse & Waste Management Plan

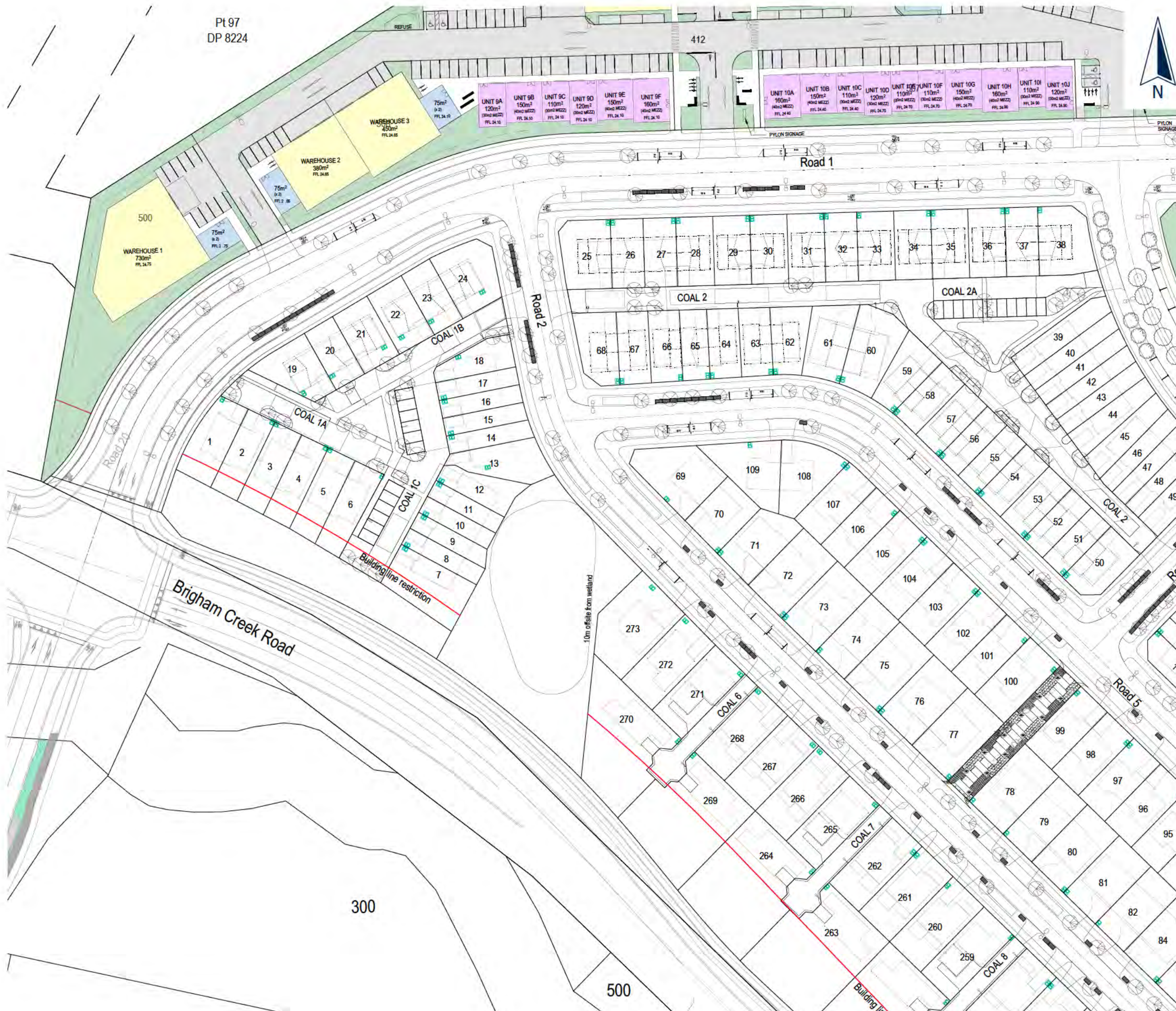
FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE	ORIGINAL SCALE	ORIGINAL SIZE	
29/03/2022	1:2000	A3	
DRAWING NO.			REVISION
44314-DR-C-3800			A

Pt 97
DP 8224



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NOTES
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See Drawing 44314-DR-C-3800

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Auckland

**Proposed Enlarged
Refuse & Waste Management Plan
Sheet 2**

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleyhans	24/11/2022
SURVEYED			
DESIGNED		M. Chen	25/03/2022
DRAWN		B. Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-3802			A



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NOTES
For all General Notes & Drawing Legend
See Drawing 44314-DR-C-3800



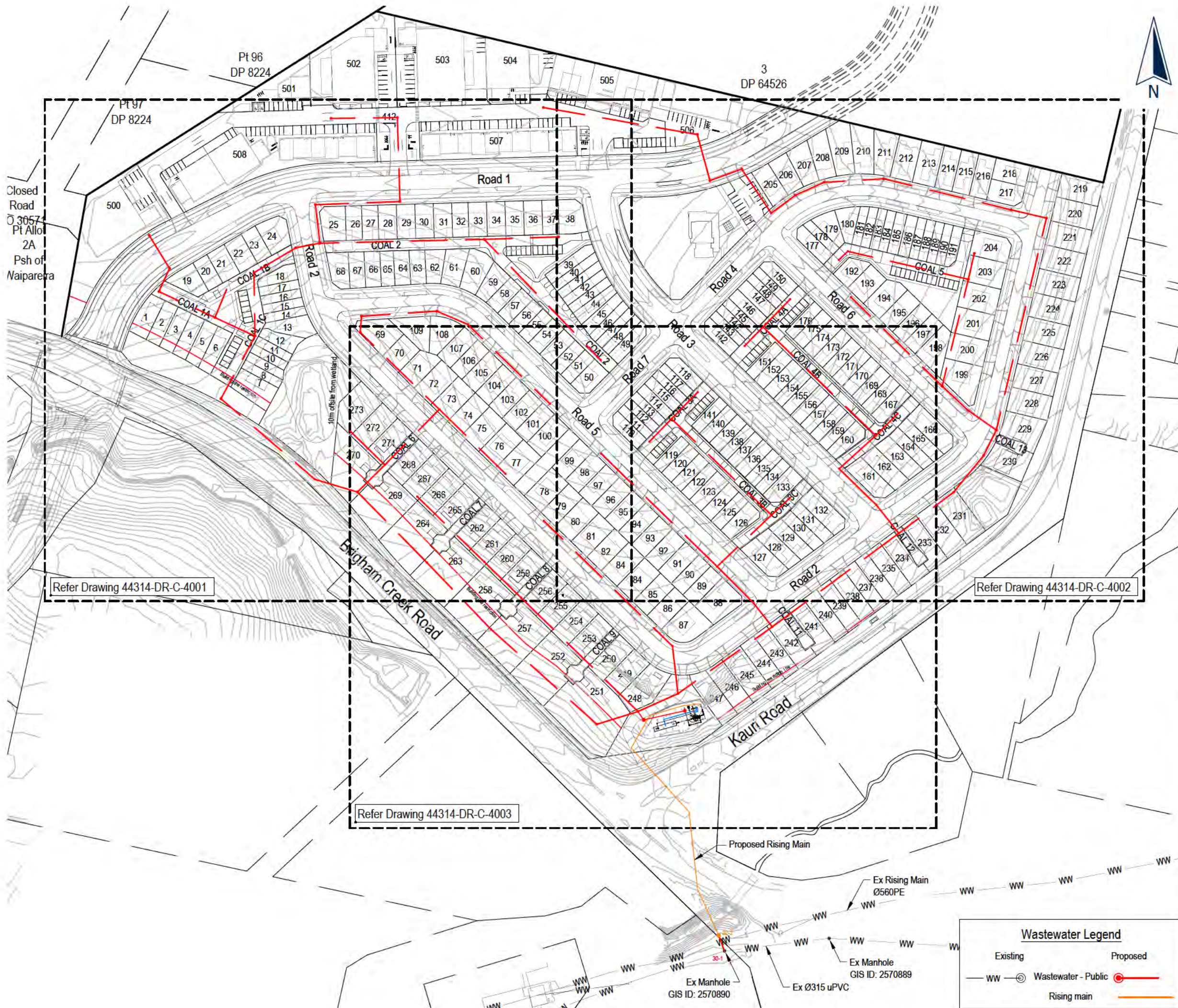
PLANNERS | SURVEYORS | ENGINEERS
ARCHITECTS | ENVIRONMENTAL

Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

**Proposed Enlarged
Refuse & Waste Management Plan
Sheet 3**

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M. Chen	25/03/2022
DRAWN		B. Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-3803			A



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NOTES

GENERAL

1. The Contractor shall be responsible for locating all existing services prior to commencement of works. The Contractor shall make good at their own expense any damage to existing services.
2. Levels are in terms of Auckland Vertical Datum 1946.
3. All works are to be installed in accordance with Auckland Council Design Manual - Code of Practice for Land Development and Subdivision:
(www.aucklanddesignmanual.co.nz/regulations/codes-of-practice)
 - Chapter 1 - General Requirements
 - Chapter 2 - Earthworks & Geotechnical
 - Chapter 3 - Transport (Auckland Transport)
 - Chapter 4 - Stormwater
 - Chapter 5 - Wastewater (Watercare)
 - Chapter 6 - Water (Watercare)
 - Chapter 7 - LandscapeStandard Drawings available from their respective websites or the Engineer.
4. If discrepancies are found between the standards, confirmation shall be sought from the Engineer and supervising council field officer.



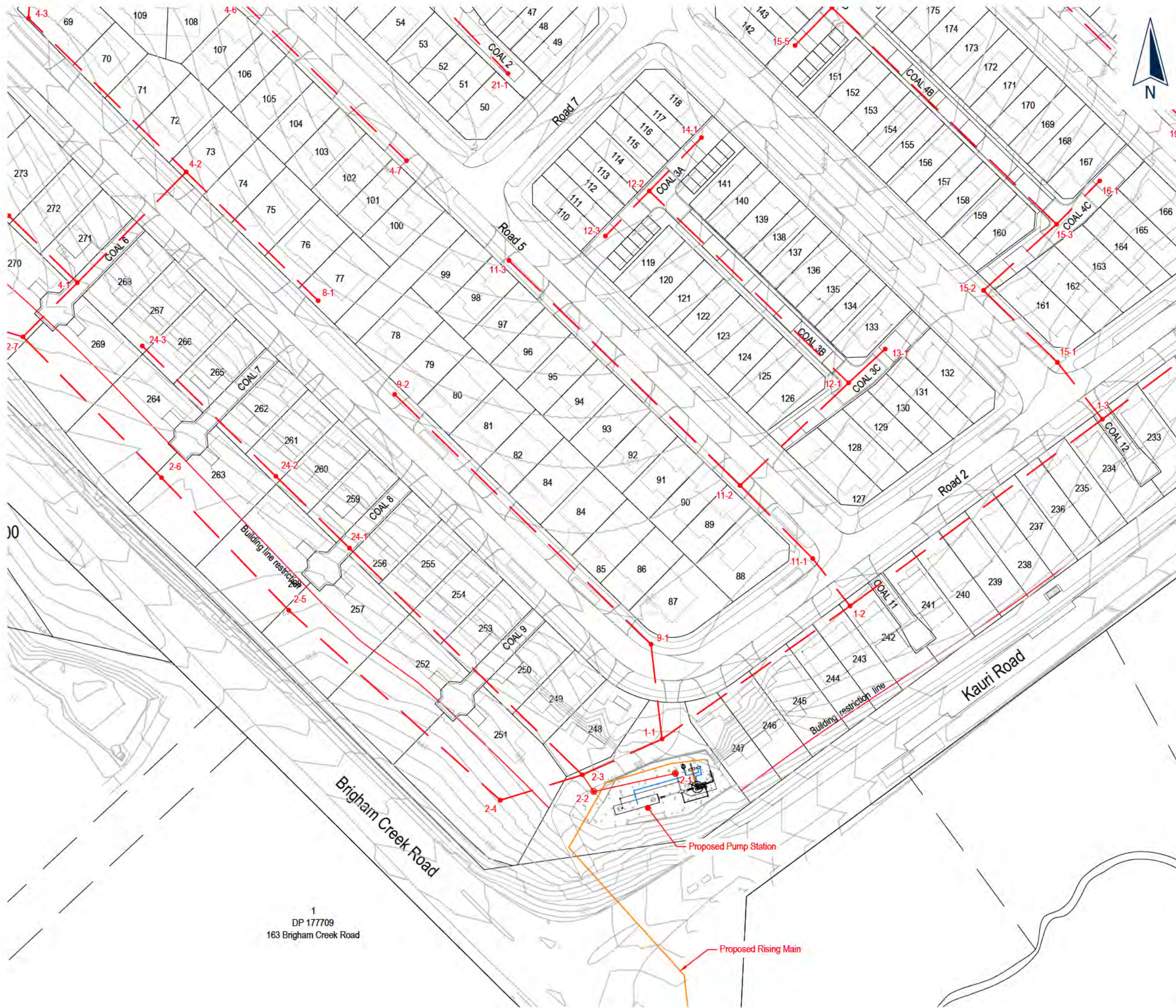
PLANNERS | SURVEYORS | ENGINEERS
ARCHITECTS | ENVIRONMENTAL

Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Overall Wastewater Layout Plan

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:2000	A3
DRAWING NO.			REVISION
44314-DR-C-4000			A



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Wastewater Legend

Existing	Proposed
WW	Wastewater - Public
	Rising main

NOTES

For all General Notes
See Drawing 44314-DR-C-4000



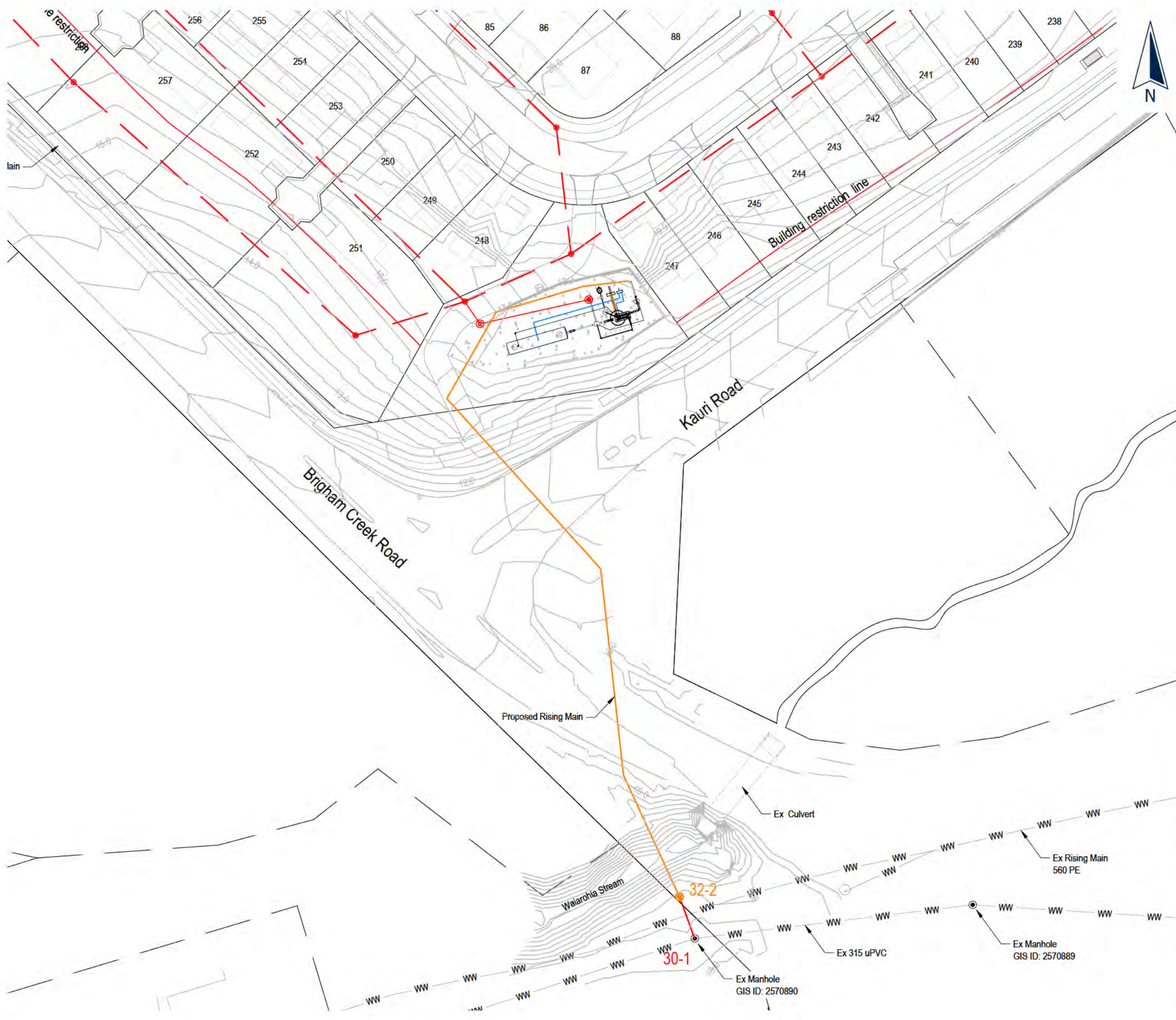
PLANNERS | SURVEYORS | ENGINEERS
ARCHITECTS | ENVIRONMENTAL

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Kauri Road, Whenuapai,
Auckland

Proposed Enlarged
Wastewater Layout Plan
Sheet 3

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-4003			A



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Wastewater Legend

Existing

Proposed

WW

Wastewater - Public

Rising main

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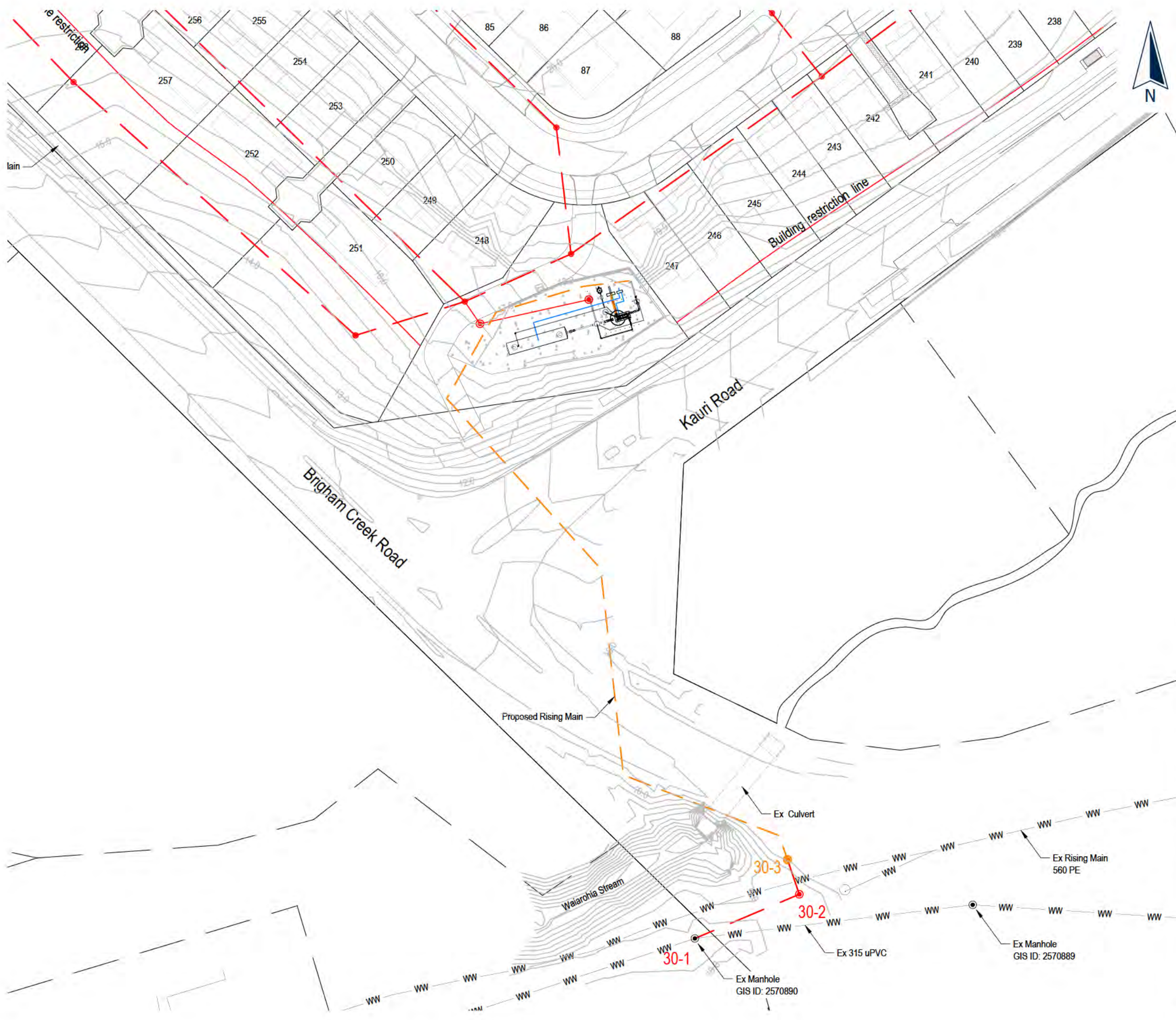
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Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed
Wastewater Discharge
Option 1

FOR RESOURCE CONSENT			
No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	16/09/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
16/09/2022		1:750	A3
DRAWING NO.			REVISION
44314-DR-C-4010			A



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Wastewater Legend

Existing

Proposed

WW

Wastewater - Public

Rising main

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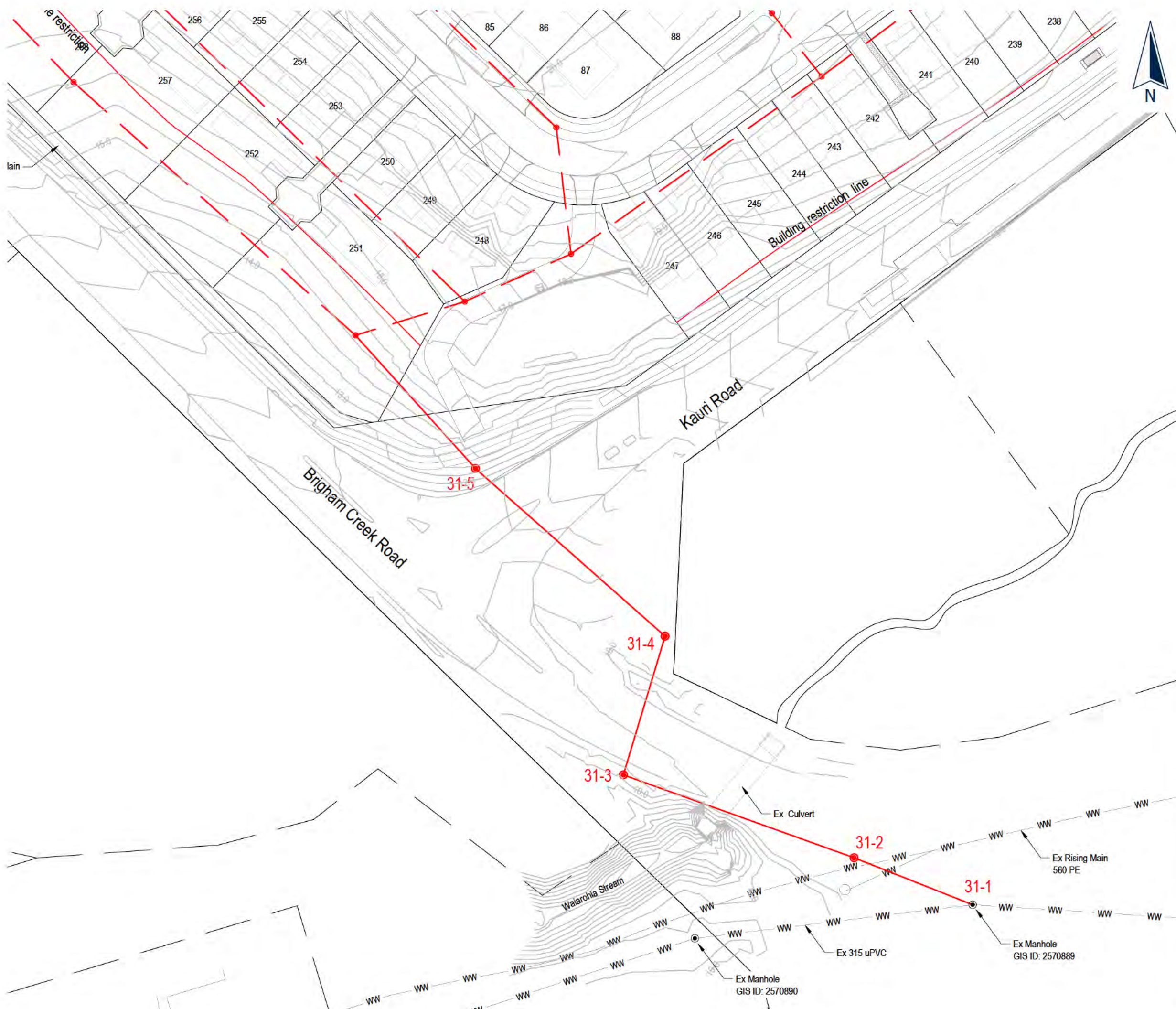
PLANNERS | SURVEYORS | ENGINEERS
ARCHITECTS | ENVIRONMENTAL

Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed
Wastewater Discharge
Option 2

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	16/09/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
16/09/2022		1:750	A3
DRAWING NO.			REVISION
44314-DR-C-4011			A



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Wastewater Legend

Existing

Proposed

WW

Wastewater - Public

Rising main

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Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed
Wastewater Discharge
Option 3

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	16/09/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
16/09/2022		1:750	A3
DRAWING NO.			REVISION
44314-DR-C-4012			A



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Wastewater Legend

Existing

Proposed

WW

Wastewater - Public

Rising main

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ARCHITECTS | ENVIRONMENTAL

Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed
Wastewater Discharge
Option 4

FOR RESOURCE CONSENT			
No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	16/09/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
16/09/2022		1:750	A3
DRAWING NO.			REVISION
44314-DR-C-4013			A

NOTES

GENERAL

- The Contractor shall be responsible for locating all existing services prior to commencement of works. The Contractor shall make good at their own expense any damage to existing services.
- Levels are in terms of Auckland Vertical Datum 1946.
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(www.aucklanddesignmanual.co.nz/regulations/codes-of-practice)

- Chapter 1 - General Requirements
- Chapter 2 - Earthworks & Geotechnical
- Chapter 3 - Transport (Auckland Transport)
- Chapter 4 - Stormwater
- Chapter 5 - Wastewater (Watercare)
- Chapter 6 - Water (Watercare)
- Chapter 7 - Landscape

Standard Drawings available from their respective websites or the Engineer.

- If discrepancies are found between the standards, confirmation shall be sought from the Engineer and supervising council field officer.



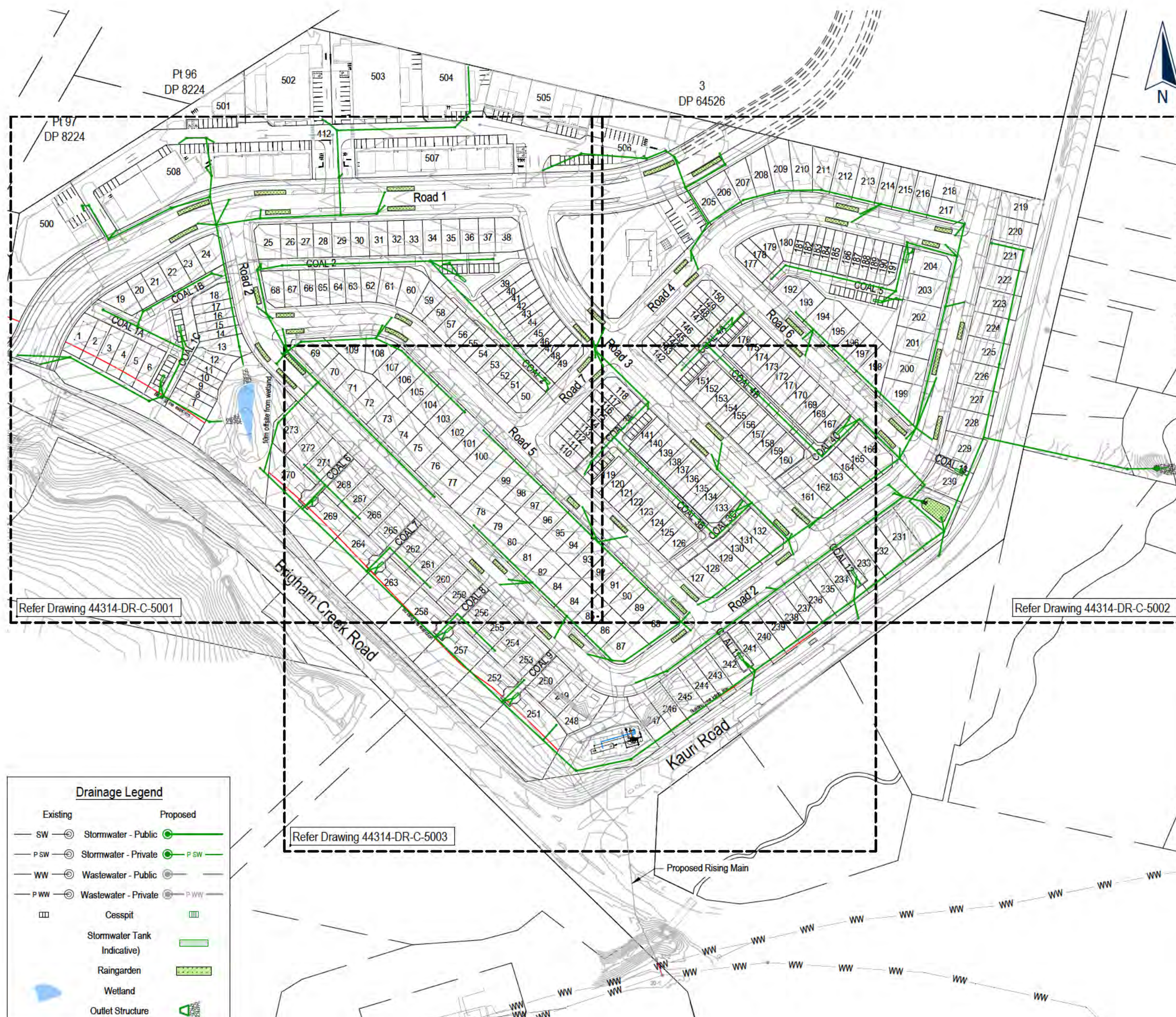
PLANNERS | SURVEYORS | ENGINEERS
ARCHITECTS | ENVIRONMENTAL

Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

Proposed Overall
Stormwater
Layout Plan

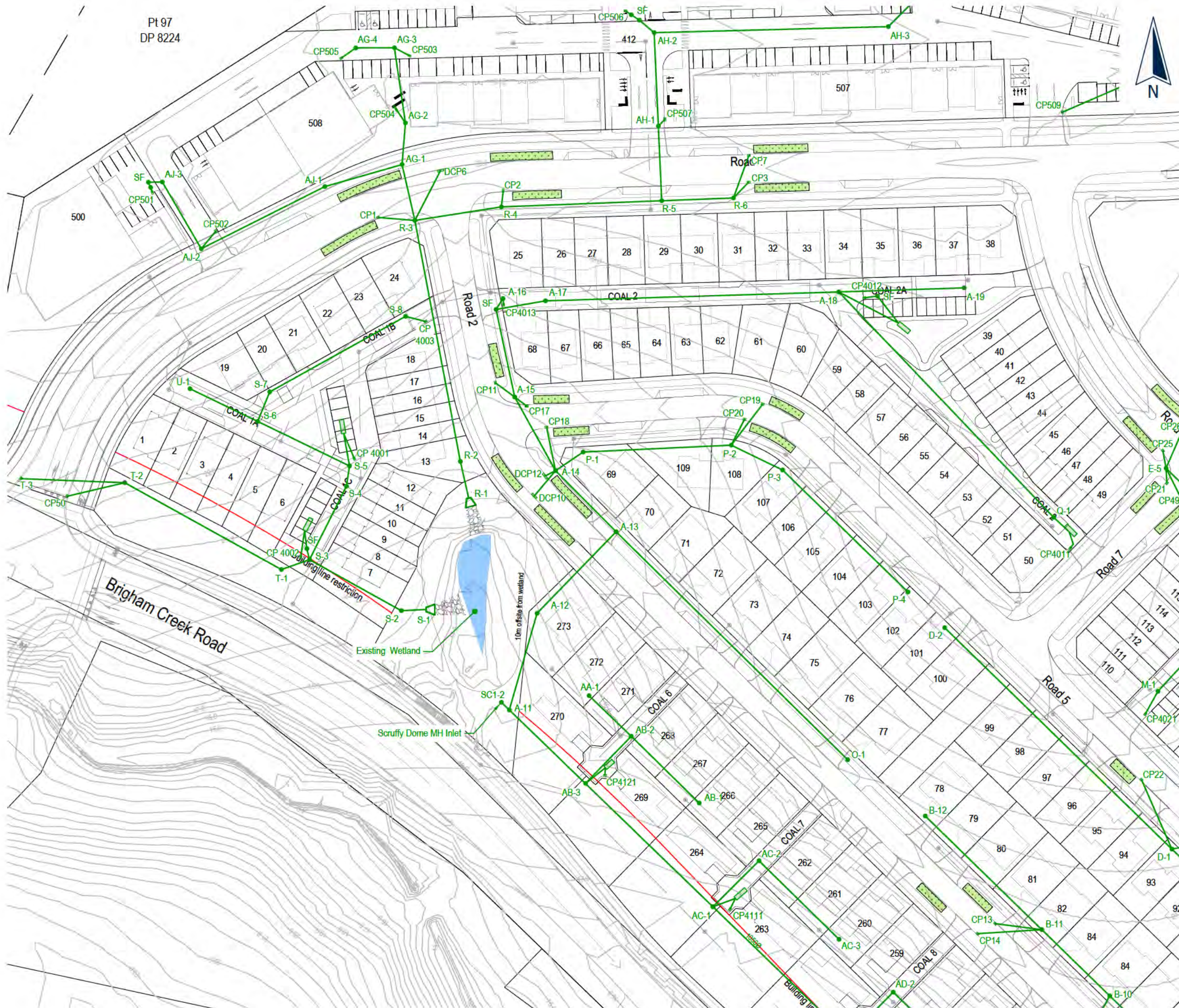
FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleyhans	24/11/2022
SURVEYED			
DESIGNED		M. Chen	25/03/2022
DRAWN		B. Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:2000	A3
DRAWING NO.			REVISION
44314-DR-C-5000			A



Drainage Legend	
Existing	Proposed
SW — Stormwater - Public	SW — Stormwater - Public
P SW — Stormwater - Private	P SW — Stormwater - Private
WW — Wastewater - Public	WW — Wastewater - Public
P WW — Wastewater - Private	P WW — Wastewater - Private
□ Cesspit	□ Cesspit
Stormwater Tank (Indicative)	Stormwater Tank (Indicative)
Raingarden	Raingarden
Wetland	Wetland
Outlet Structure	Outlet Structure

Pt 97
DP 8224



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Drainage Legend

Existing	Proposed
SW	Stormwater - Public
P SW	Stormwater - Private
WW	Wastewater - Public
P WW	Wastewater - Private
CP	Cesspit
ST	Stormwater Tank (Indicative)
RG	Raingarden
W	Wetland
OS	Outlet Structure

NOTES

For all General Notes
See Drawing 44314-DR-C-5000

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Kauri Road, Whenuapai,
Auckland

Proposed Enlarged Stormwater Layout Plan Sheet 1

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-5001			A



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Drainage Legend

Existing	Proposed
SW	Stormwater - Public
P SW	Stormwater - Private
WW	Wastewater - Public
P WW	Wastewater - Private
CP	Cesspit
SF	Stormwater Tank (Indicative)
RA	Raingarden
W	Wetland
OS	Outlet Structure

NOTES
For all General Notes
See Drawing 44314-DR-C-5000



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Neil Construction Limited
Kauri Road, Whenuapai,
Auckland

**Proposed Enlarged
Stormwater Layout Plan
Sheet 2**

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-5002			A



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Drainage Legend

Existing	Proposed
SW	Stormwater - Public
P SW	Stormwater - Private
WW	Wastewater - Public
P WW	Wastewater - Private
CP	Cesspit
	Stormwater Tank (Indicative)
	Raingarden
	Wetland
	Outlet Structure

NOTES
For all General Notes
See Drawing 44314-DR-C-5000



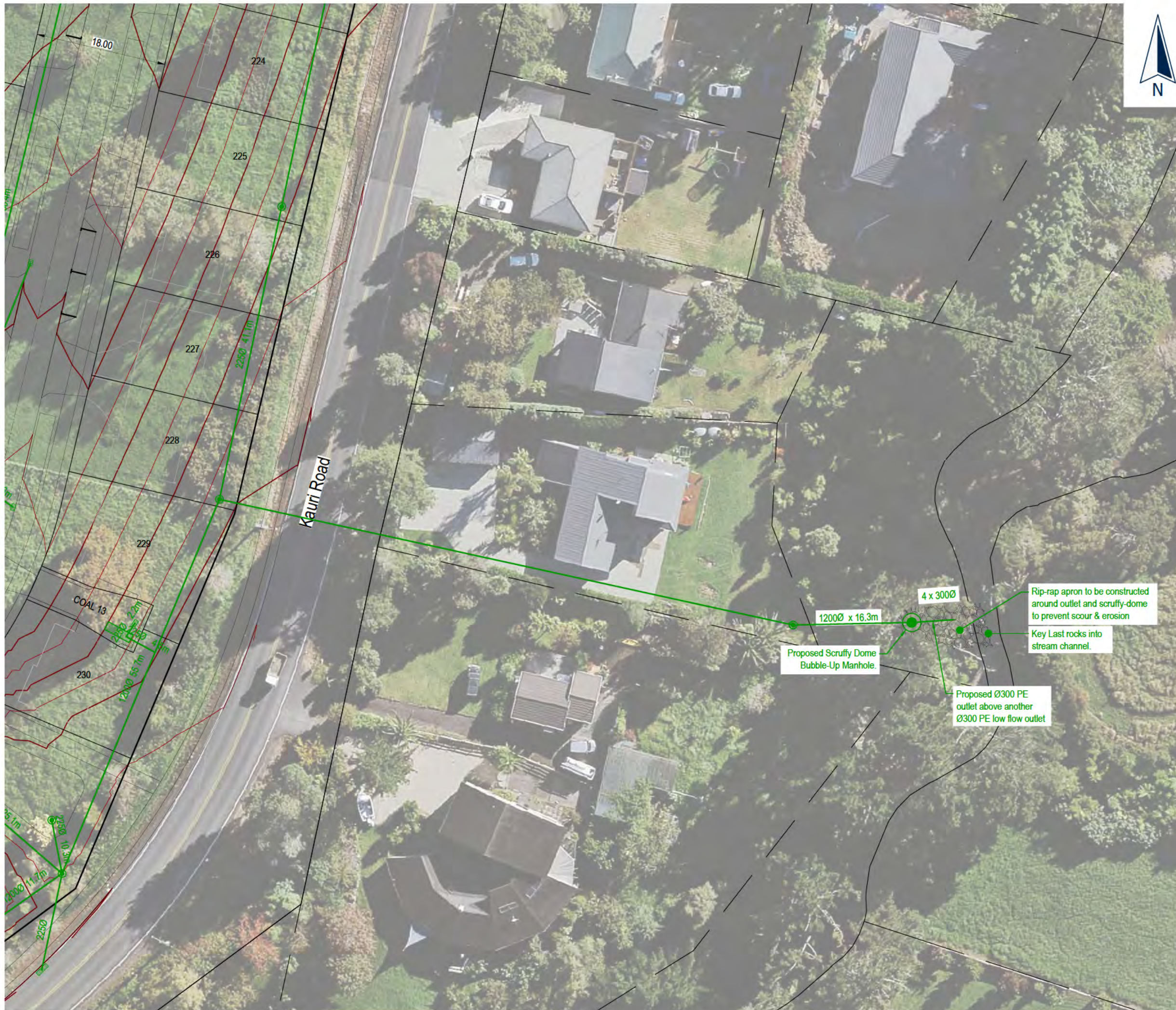
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ARCHITECTS | ENVIRONMENTAL

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Auckland

Proposed Enlarged Stormwater Layout Plan Sheet 3

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-5003			A



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NOTES

GENERAL

1. The Contractor shall be responsible for locating all existing services prior to commencement of works. The Contractor shall make good at their own expense any damage to existing services.
2. Levels are in terms of Auckland Vertical Datum 1946.
3. All works are to be installed in accordance with Auckland Council Design Manual - Code of Practice for Land Development and Subdivision:
(www.aucklanddesignmanual.co.nz/regulations/codes-of-practice)
 - Chapter 1 - General Requirements
 - Chapter 2 - Earthworks & Geotechnical
 - Chapter 3 - Transport (Auckland Transport)
 - Chapter 4 - Stormwater
 - Chapter 5 - Wastewater (Watercare)
 - Chapter 6 - Water (Watercare)
 - Chapter 7 - LandscapeStandard Drawings available from their respective websites or the Engineer.
4. If discrepancies are found between the standards, confirmation shall be sought from the Engineer and supervising council field officer.

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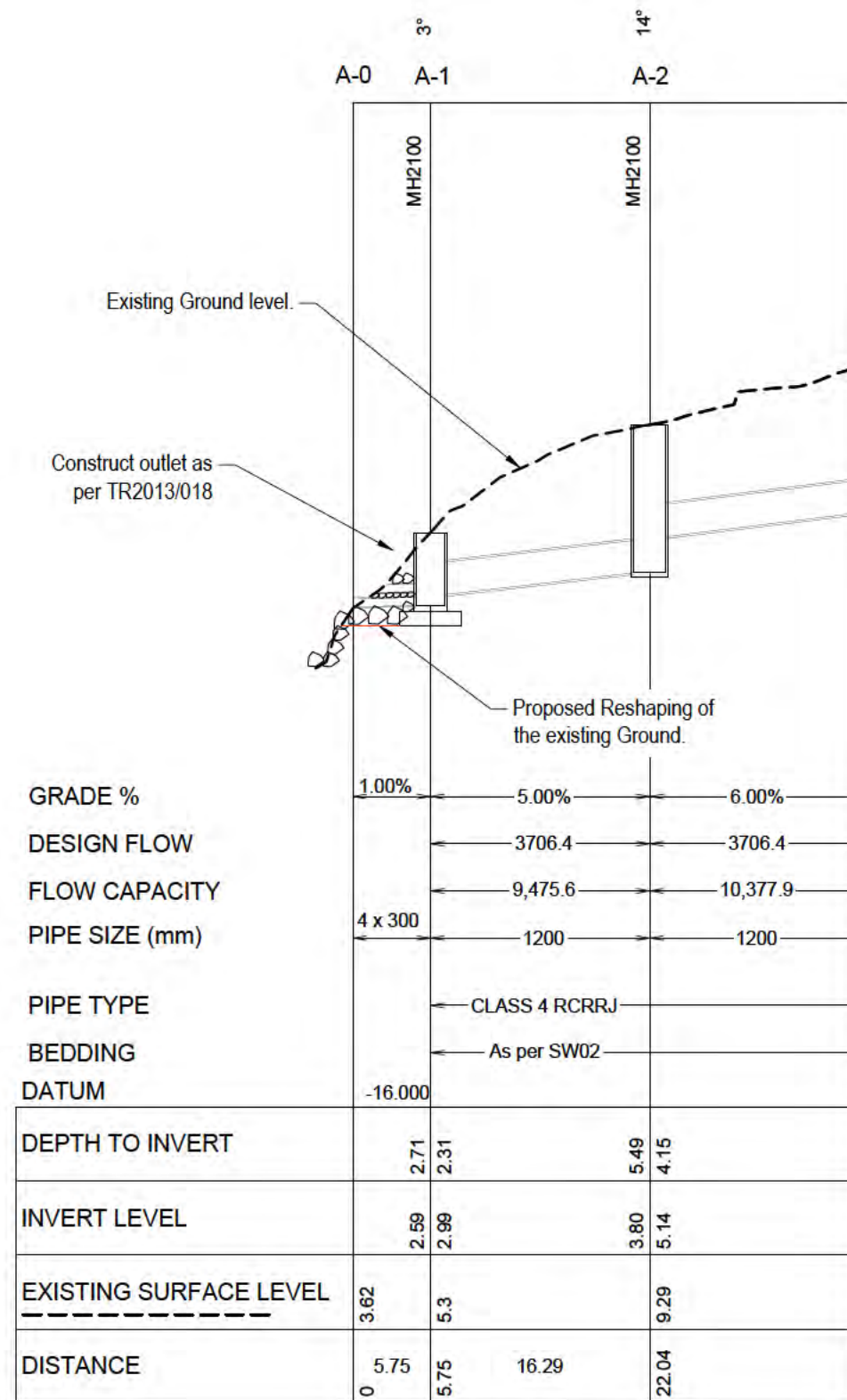
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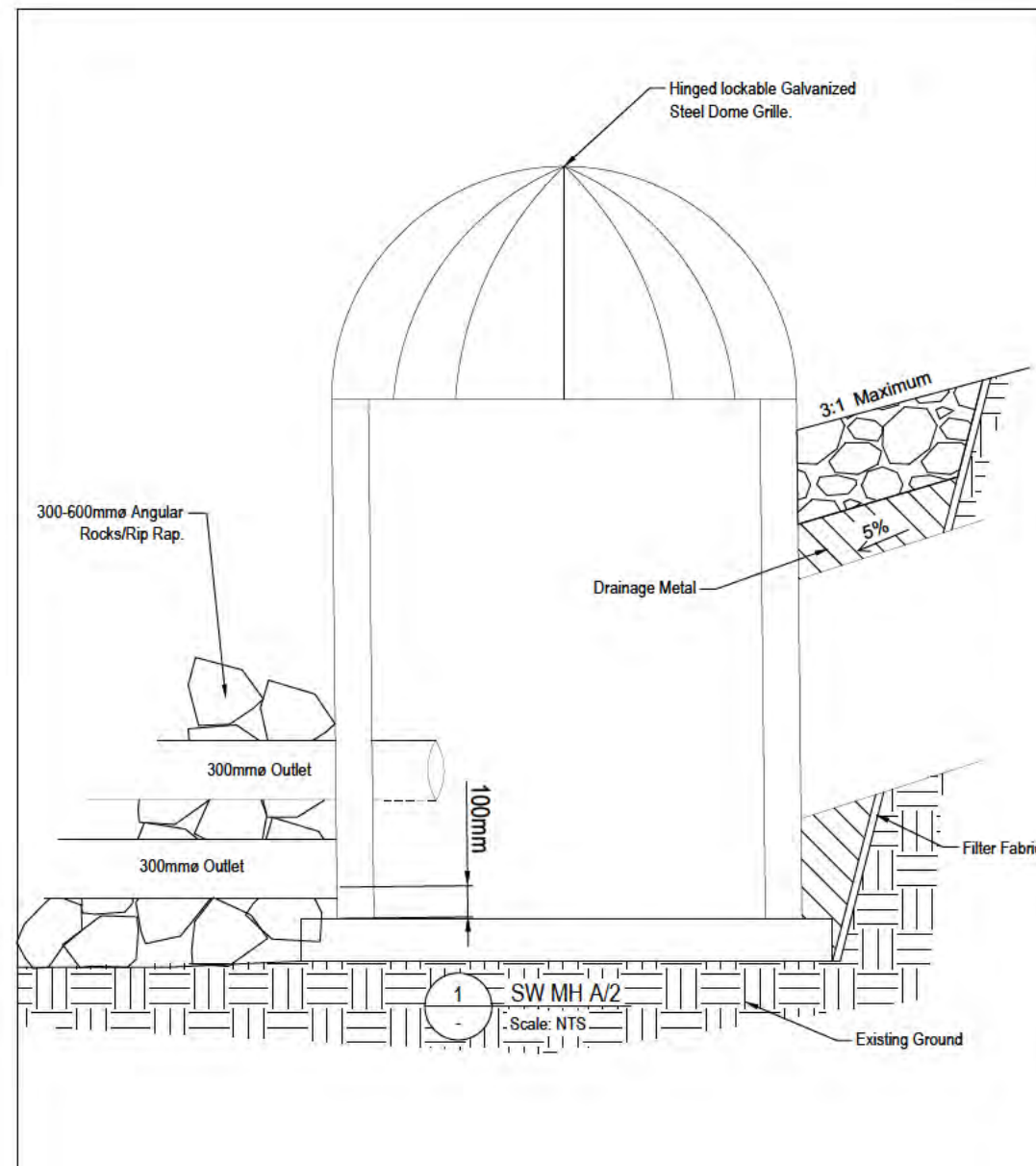
**Proposed
Stormwater
Outlet Plan**

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:500	A3
DRAWING NO.			REVISION
44314-DR-C-5010			A



STORMWATER LINE A
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:250



Design As per Drawing 25
and 26 of TR2013/018

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(www.aucklanddesignmanual.co.nz/regulations/codes-of-practice)

- Chapter 1 - General Requirements
- Chapter 2 - Earthworks & Geotechnical
- Chapter 3 - Transport (Auckland Transport)
- Chapter 4 - Stormwater
- Chapter 5 - Wastewater (Watercare)
- Chapter 6 - Water (Watercare)
- Chapter 7 - Landscape

Standard Drawings available from their respective websites or the Engineer.

- If discrepancies are found between the standards, confirmation shall be sought from the Engineer and supervising council field officer.

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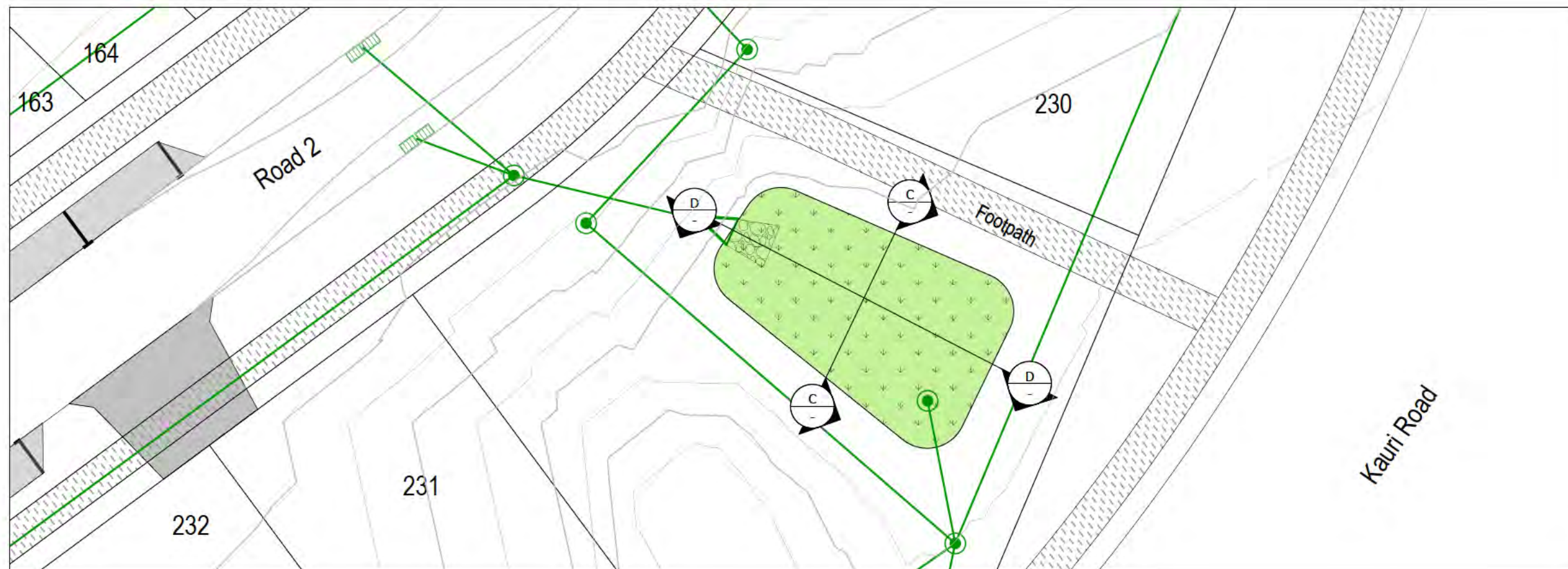
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Proposed
Stormwater Outlet
Long Section

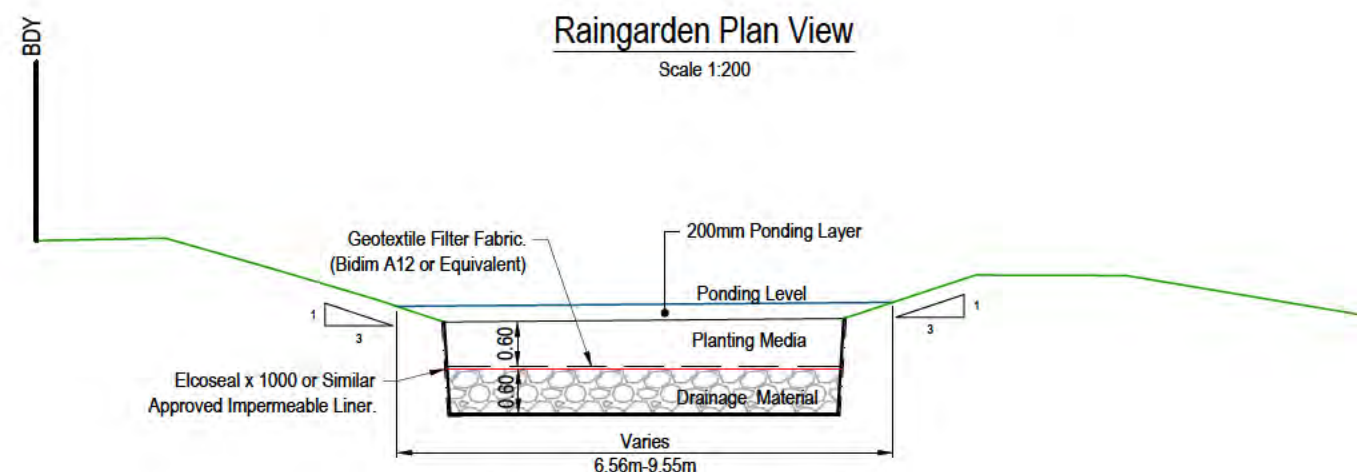
FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		H.Tuhimata	28/07/2022
DRAWN		H.Tuhimata	28/07/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
28/07/2022		As Drawn	A3
DRAWING NO.			REVISION
44314-DR-C-5150			A



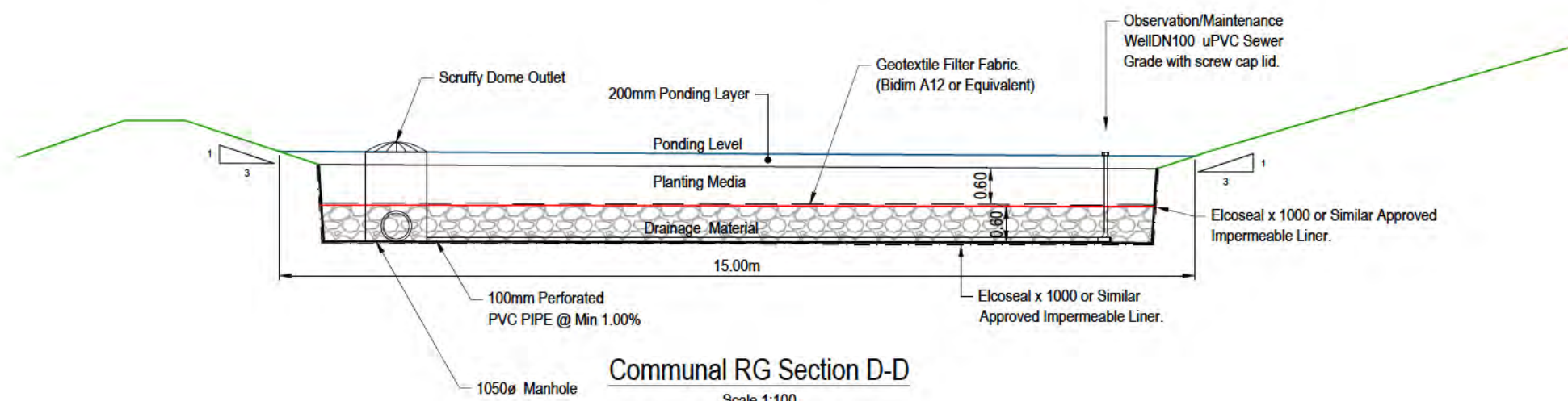
Raingarden Plan View

Scale 1:200



Communal RG Section C-C

Scale 1:100



Communal RG Section D-D

Scale 1:100

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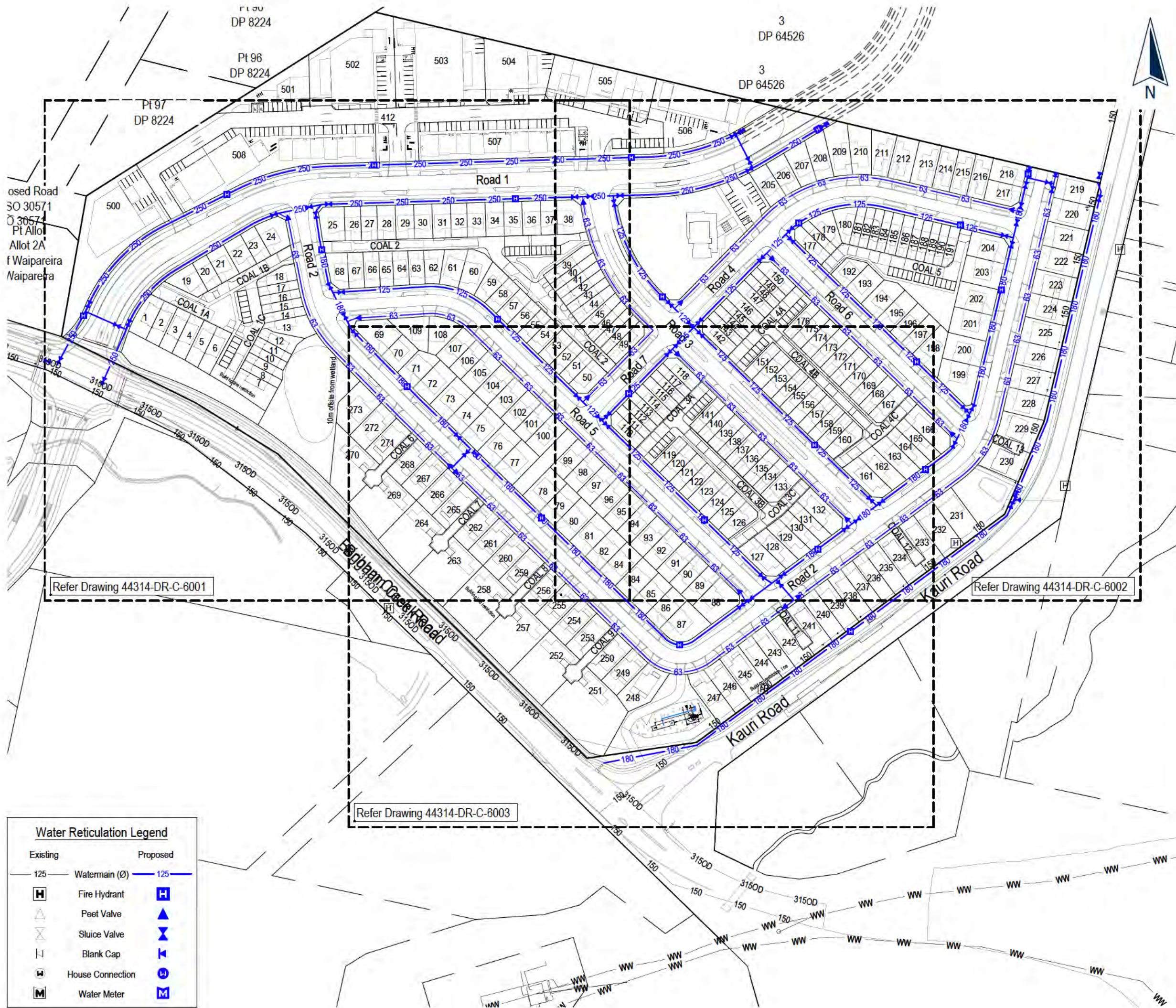
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**Proposed
Rain Garden
Details**

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		S.Baby	12/10/2022
DATE		ORIGINAL SCALE	
12/10/2022		As Shown	
DRAWING NO.			REVISION
44314-DR-C-5655			A



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1. The Contractor shall be responsible for locating all existing services prior to commencement of works. The Contractor shall make good at their own expense any damage to existing services.
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3. All works are to be installed in accordance with Auckland Council Design Manual - Code of Practice for Land Development and Subdivision:
(www.aucklanddesignmanual.co.nz/regulations/codes-of-practice)
 - Chapter 1 - General Requirements
 - Chapter 2 - Earthworks & Geotechnical
 - Chapter 3 - Transport (Auckland Transport)
 - Chapter 4 - Stormwater
 - Chapter 5 - Wastewater (Watercare)
 - Chapter 6 - Water (Watercare)
 - Chapter 7 - LandscapeStandard Drawings available from their respective websites or the Engineer.
4. If discrepancies are found between the standards, confirmation shall be sought from the Engineer and supervising council field officer.



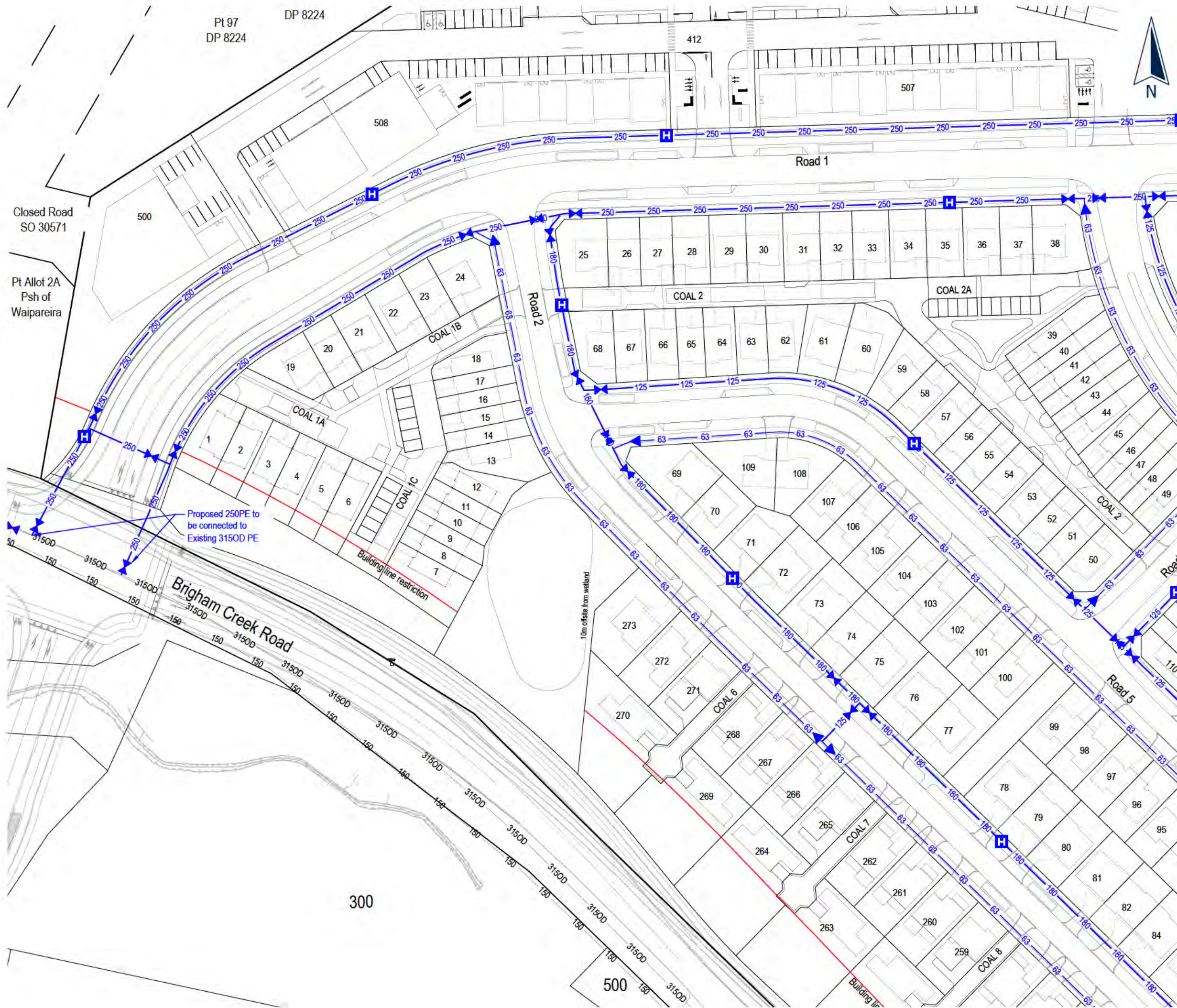
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Proposed Overall Water Reticulation Layout Plan

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P. Kleyhans	24/11/2022
SURVEYED			
DESIGNED		M. Chen	25/03/2022
DRAWN		B. Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:2000	A3
DRAWING NO.			REVISION
44314-DR-C-6000			A



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Water Reticulation Legend

Existing	Proposed
125	Watermain (Ø) 125
	Fire Hydrant
	Peet Valve
	Sluice Valve
	Blank Cap
	House Connection
	Water Meter

NOTES

For all General Notes
See Drawing 44314-DR-C-6000

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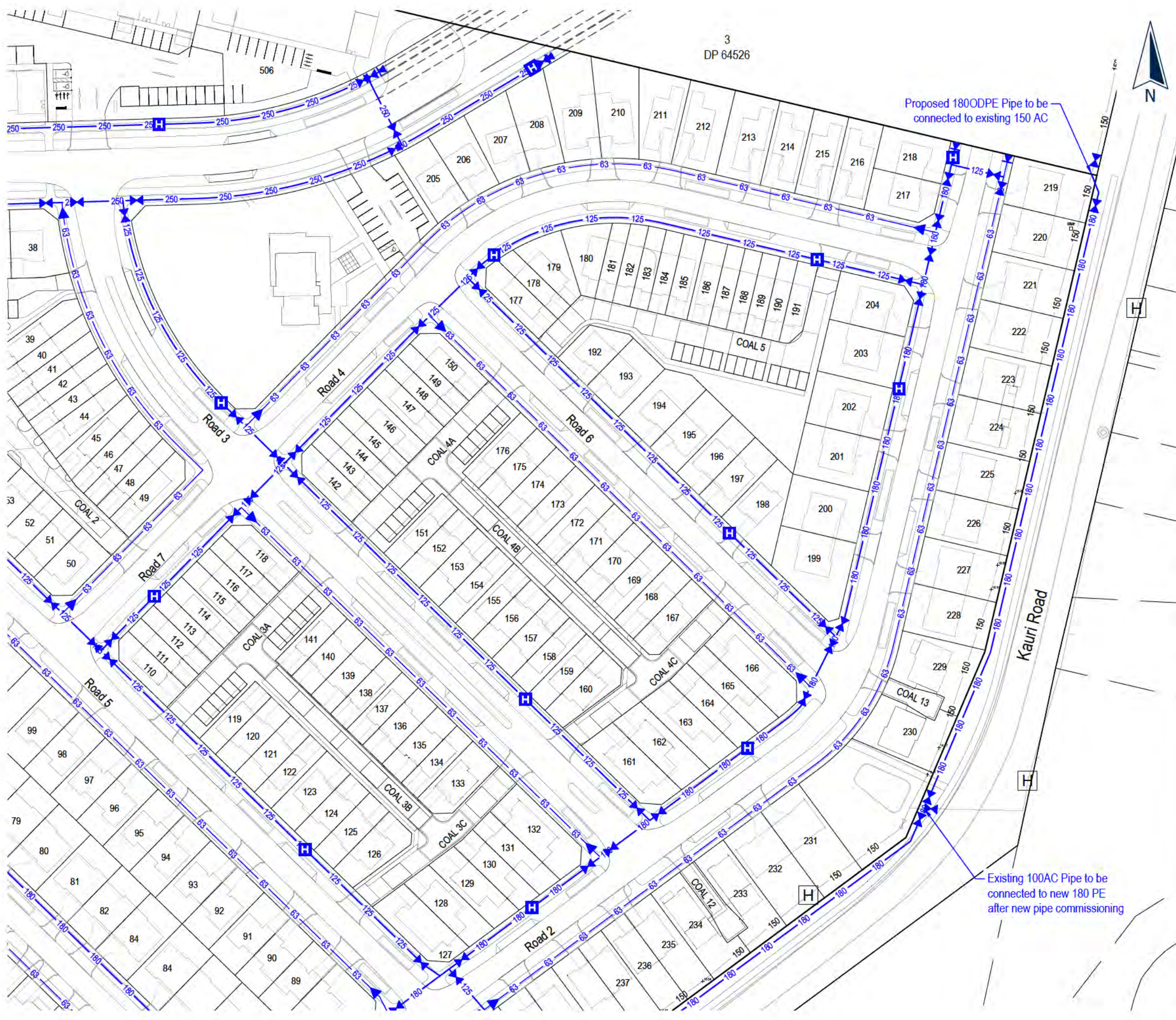
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Proposed Enlarged Water Reticulation Layout Plan Sheet 1

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-6001			A



3
DP 64526

Proposed 180ODPE Pipe to be
connected to existing 150 AC

Existing 100AC Pipe to be
connected to new 180 PE
after new pipe commissioning

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Water Reticulation Legend

Existing Proposed

125	Watermain (Ø)	125
H	Fire Hydrant	H
△	Peet Valve	△
×	Sluice Valve	×
⊥	Blank Cap	⊥
⊕	House Connection	⊕
M	Water Meter	M

NOTES

For all General Notes
See Drawing 44314-DR-C-6000

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Proposed Enlarged
Water Reticulation Layout Plan
Sheet 2

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE		29/03/2022	
ORIGINAL SCALE		1:1000	
ORIGINAL SIZE		A3	
DRAWING NO.			44314-DR-C-6002
REVISION			A



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Water Reticulation Legend

Existing	Proposed
125	125
H	H
△	△
⋈	⋈
⊥	⊥
⊞	⊞
⊞	⊞

NOTES

For all General Notes
See Drawing 44314-DR-C-6000



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Proposed Enlarged Water Reticulation Layout Plan Sheet 3

FOR RESOURCE CONSENT

No.	REVISION (DESCRIPTIONS)	NAME	DATE
A	Issued For Resource Consent	P.Kleynhans	24/11/2022
SURVEYED			
DESIGNED		M.Chen	25/03/2022
DRAWN		B.Nel	29/03/2022
DATE		ORIGINAL SCALE	ORIGINAL SIZE
29/03/2022		1:1000	A3
DRAWING NO.			REVISION
44314-DR-C-6003			A