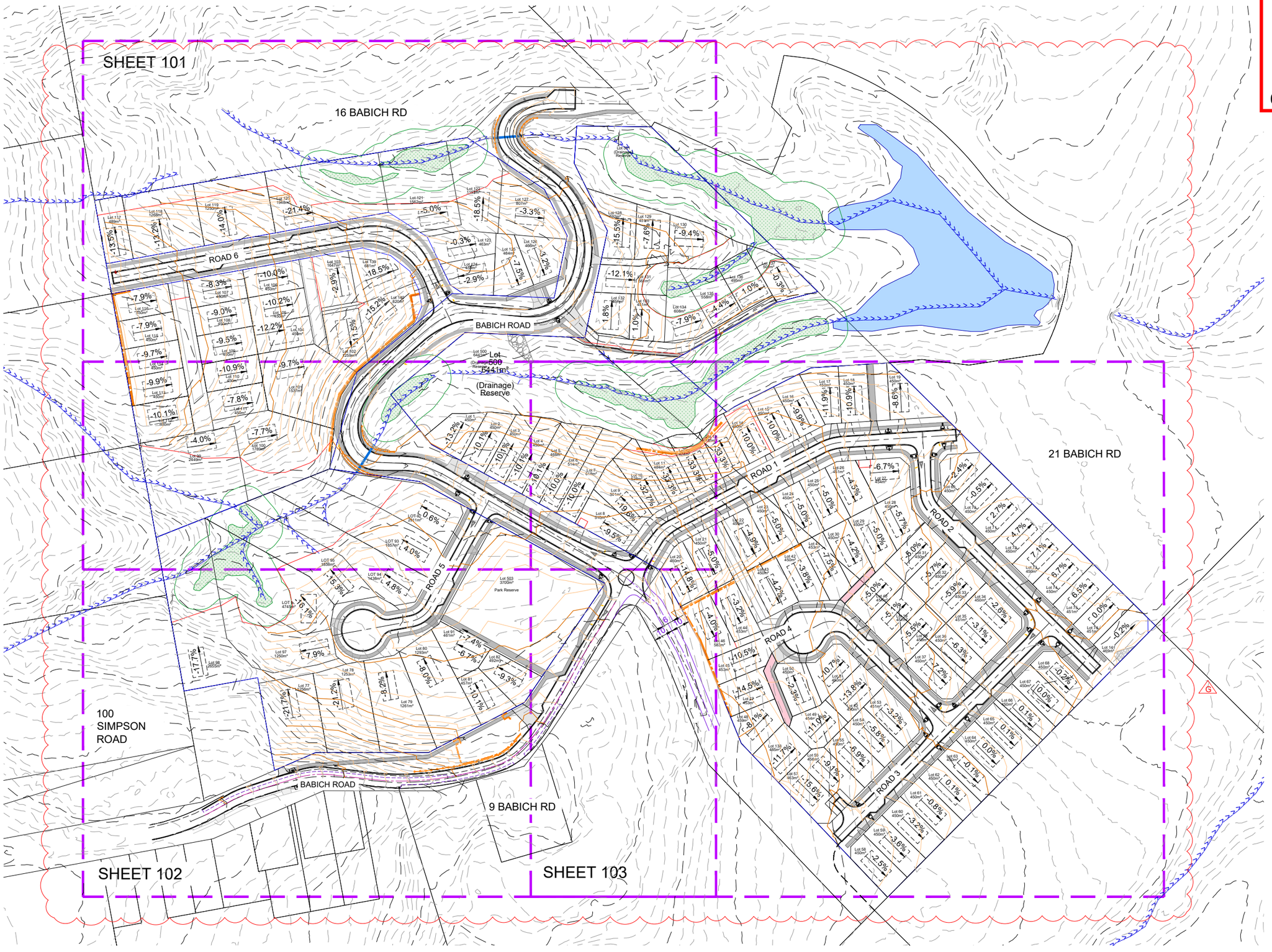
Auckland Council

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026



1:1000 @ A1
1:2000 @ A3

0 10 20 30 40 50 60 70 80 90 100 m

HEIGHT DATUM IS IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). ORIGIN: RM8 DP 404605 RL 81.10

ISSUE	DATE	REVISION	CHKD	DRWN
G	23/03/26	FOR S127	NM	JS

	NAME	DATE
SURVEYED	TERRA	-
DESIGNED	NM	01/05/24
DRAWN	NM	01/05/24
TRACED		
CHECKED	GT	01/05/24

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CLIENT
CARRACK CAPITAL LIMITED

PROJECT / LOCATION
8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE
EXISTING AND FINISHED CONTOURS
OVERALL PLAN

STAGE
FOR RESOURCE CONSENT

PROJECT NUMBER	SCALE	
210506	A1	1:1000
	A3	1:2000

DWG NUMBER	REVISION
RC- 100	G

REVISION		
ISSUE	DATE	DETAIL
E	23/03/26	FOR S127

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026

LEGEND:

- EXISTING ROAD
- EXISTING OVERLAND FLOW PATH
- EXISTING WETLAND
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- VEHICLE CROSSING TO BE BUILT WITH SUBDIVISION CIVIL WORKS
- INDICATIVE VEHICLE CROSSINGS (WILL NOT BE BUILT WITH SUBDIVISION)

STAGE

FOR RESOURCE CONSENT

PROJECT CONSULTANTS

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CLIENT

CARRACK CAPITAL LIMITED

PROJECT

BABICH RISE

LOCATION

8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE

EXISTING AND FINISHED CONTOURS PLAN
SHEET 1 OF 3

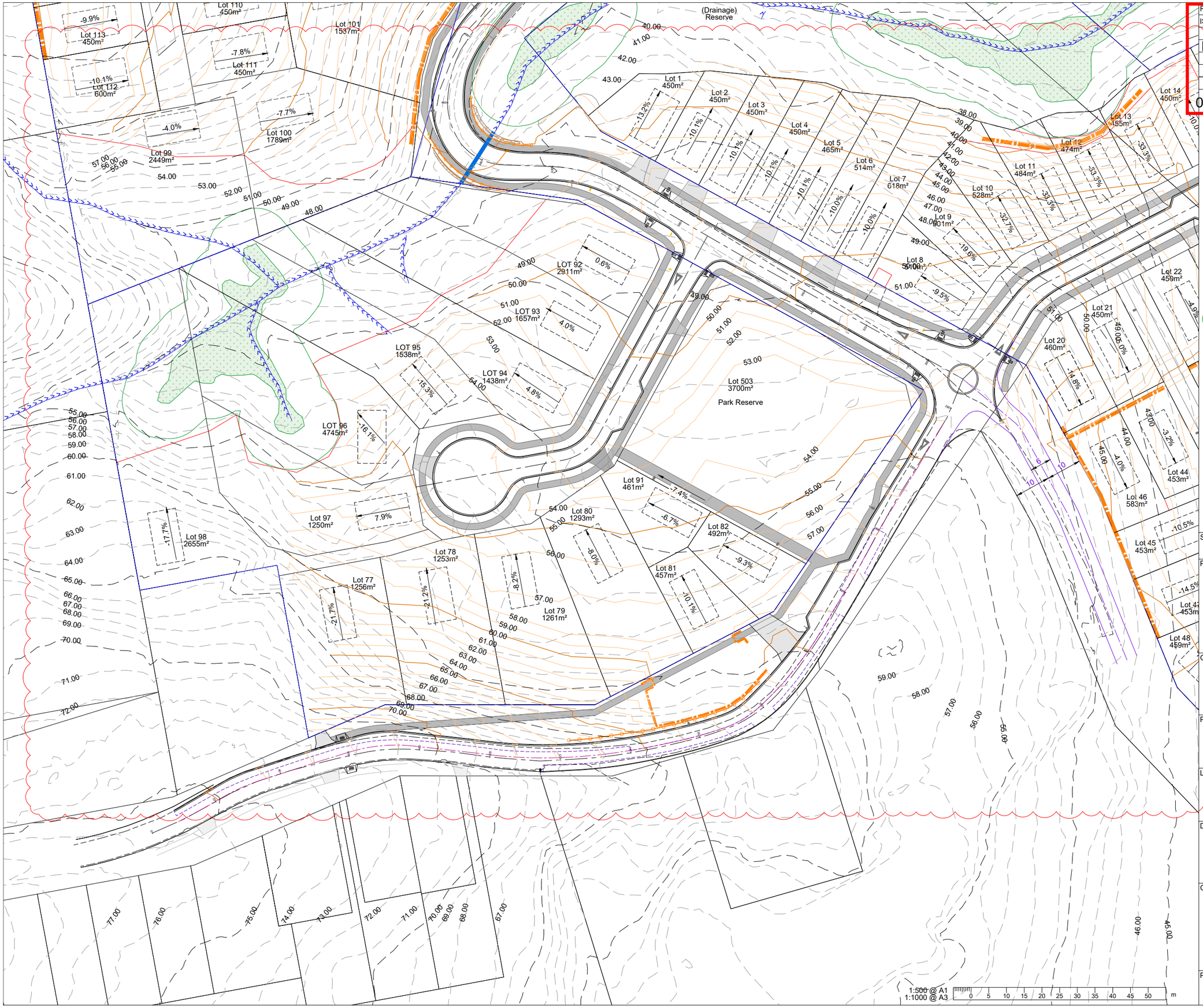
ORIENTATION

SCALE	A1	1:500
	A3	1:1000
DATE		01/05/2024
SURVEYED		TERRA
DESIGNED		NM
DRAWN		NM
CHECKED		NM

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC- 101	E

1:500 @ A1
1:1000 @ A3

0 5 10 15 20 25 30 35 40 45 50 m



REVISION		
ISSUE	DATE	DETAIL
F	16/03/26	FOR S127

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07/05/2026

- EXISTING ROAD
- EXISTING OVERLAND FLOW PATH
- EXISTING WETLAND
- PROPOSED PALISADE WALL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- VEHICLE CROSSING TO BE BUILT WITH SUBDIVISION CIVIL WORKS
- INDICATIVE VEHICLE CROSSINGS (WILL NOT BE BUILT WITH SUBDIVISION)
- WETLAND AND 10m OFFSET

STAGE

FOR RESOURCE CONSENT

PROJECT CONSULTANTS

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CLIENT

CARRACK CAPITAL LIMITED

PROJECT

F BABICH RISE

LOCATION

8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE

EXISTING AND FINISHED CONTOURS PLAN
SHEET 2 OF 3

ORIENTATION		
	SCALE	A1 1:500
		A3 1:1000
	DATE	01/05/2024
	SURVEYED	TERRA
	DESIGNED	NM
	DRAWN	NM
	CHECKED	GT

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC- 102	F

REVISION		
ISSUE	DATE	DETAIL
G	16/03/26	FOR S127

LUC60432513-C SUB60432514-D

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07/05/2026

Auckland Council

EXISTING ROAD

EXISTING OVERLAND FLOW PATH

EXISTING WETLAND

PROPOSED STREET LIGHT

PROPOSED RETAINING WALL

PROPOSED PALISADE WALL

EXISTING MAJOR CONTOUR

EXISTING MINOR CONTOUR

PROPOSED MAJOR CONTOUR

PROPOSED MINOR CONTOUR

VEHICLE CROSSING TO BE BUILT WITH SUBDIVISION CIVIL WORKS

INDICATIVE VEHICLE CROSSINGS (WILL NOT BE BUILT WITH SUBDIVISION)

WETLAND AND 10m OFFSET

1:500 @ A1
1:1000 @ A3

0 5 10 15 20 25 30 35 40 45 50 m

STAGE

FOR RESOURCE CONSENT

PROJECT CONSULTANTS

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CLIENT

CARRACK CAPITAL LIMITED

PROJECT

BABICH RISE

LOCATION

8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE

EXISTING AND FINISHED CONTOURS PLAN
SHEET 3 OF 3

ORIENTATION

SCALE	A1	1:500
	A3	1:1000
DATE		01/05/2024
SURVEYED		TERRA
DESIGNED		NM
DRAWN		NM
CHECKED		GT

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC- 103	G

Auckland Council

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07/05/2026

LOT 92
2911m²

LOT 93
1657m²

T 94
38m²

Lot 8
510m²

Lot 20
460m

Lot 503
3700m²
Park Reserve

Lot 91
461m²

Lot 80
1293m²

Lot 82
492m²

Lot 81
457m²

Lot 79
1261m²

REQUIRED FLAT AREA
30m x 30m

PROPOSED FLAT AREA
GRADIENT WITHIN 3%-5%

PROPOSED PARK
RESERVE (LOT 503)
BOUNDARY

PROPOSED WALKWAY

PARK RESERVE CROSS
SECTION C-C

REFER TO RC103.2 FOR
CROSS SECTION DETAILS

REFER TO RC103.2 FOR
CROSS SECTION DETAILS

PARK RESERVE CROSS
SECTION B-B

REFER TO RC103.2 FOR
CROSS SECTION DETAILS

PARK RESERVE CROSS
SECTION A-A

1:200 @ A1
1:400 @ A3

0 2 4 6 8 10 12 14 16 18 20 m

HEIGHT DATUM IS IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). ORIGIN: RM8 DP 404605 RL 81.10

ISSUE	DATE	REVISION	CHKD	DRWN
B	16/03/26	FOR S127	NM	JS

	NAME	DATE
SURVEYED		
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CLIENT
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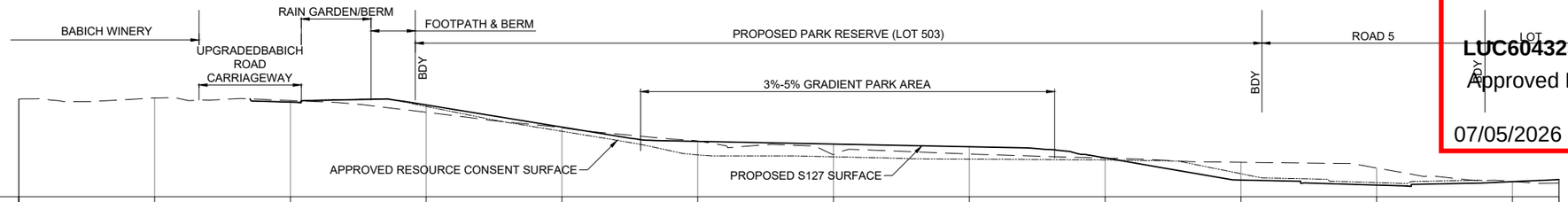
PROJECT / LOCATION
8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE
PROPOSED PARK RESERVE (LOT 503) PLAN

STAGE
FOR RESOURCE CONSENT

PROJECT NUMBER	SCALE	
210506	A1	1:200
	A3	1:400
DWG NUMBER	REVISION	
RC-103.1	B	

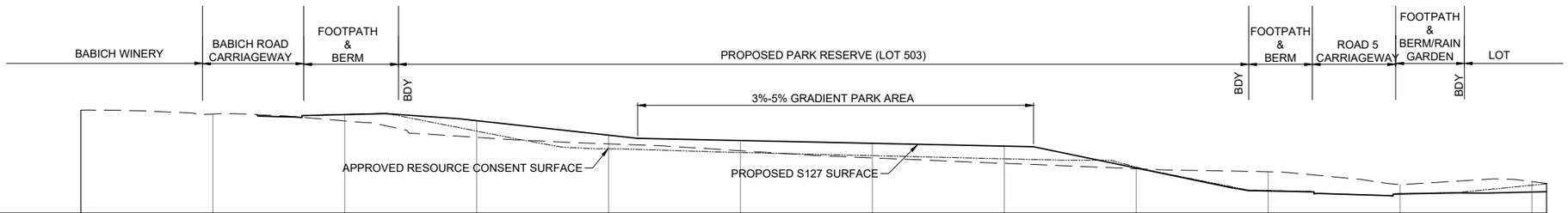
Auckland Council
LUC60432513-C SUB60432514-D
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07/05/2026



DATUM RL 50.00m

PROPOSED LEVEL		56.96	56.75	55.13	54.07	53.88	53.68	52.86	51.23	50.86	51.11	51.27
EXISTING LEVEL	57.18	57.26	57.07	56.21	55.07	54.10	53.10	53.14	52.84	52.53	52.11	51.12	51.00
CUT (-) / FILL (+)		-0.11	0.54	0.06	-0.03	0.78	0.54	0.02	-1.31	-1.26	-0.01	0.27
CHAINAGE	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	113.42

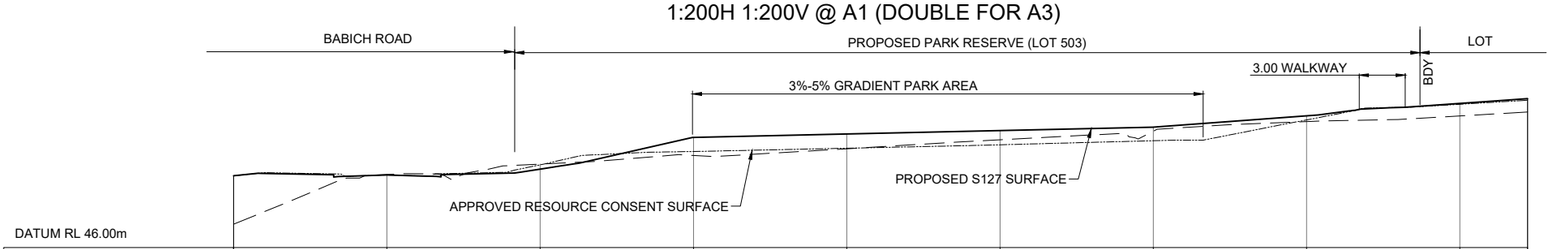
CROSS SECTION A-A FOR PARK RESERVE LONGSECTION
CH: 0.00m TO CH: 113.42m
1:200H 1:200V @ A1 (DOUBLE FOR A3)



DATUM RL 48.00m

PROPOSED LEVEL		55.46	55.00	53.90	53.49	53.28	53.07	51.41	49.66	49.43	49.59	49.61
EXISTING LEVEL	55.79	55.50	54.98	53.73	53.24	52.72	52.17	51.76	51.35	51.12	50.15	50.38	50.24
CUT (-) / FILL (+)		0.48	1.27	0.66	0.77	1.11	1.31	0.05	-1.46	-0.72	-0.79	-0.63
CHAINAGE	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	111.11

CROSS SECTION B-B FOR PARK RESERVE LONGSECTION
CH: 0.00m TO CH: 111.11m
1:200H 1:200V @ A1 (DOUBLE FOR A3)



DATUM RL 46.00m

PROPOSED LEVEL	50.67	50.73	51.11	53.18	53.40	53.62	53.84	54.58	55.39	55.71
EXISTING LEVEL	47.52	50.76	51.44	52.00	52.43	53.02	53.58	54.21	54.58	54.83
CUT (-) / FILL (+)	3.15	-0.03	-0.33	1.17	0.97	0.60	0.26	0.38	0.81	0.87
CHAINAGE	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	84.42

CROSS SECTION C - C FOR PARK RESERVE LONGSECTION
CH: 0.00m TO CH: 84.42m
1:200H 1:200V @ A1 (DOUBLE FOR A3)

B

1:200 @ A1
1:400 @ A3
0 2 4 6 8 10 12 14 16 18 20 m

HEIGHT DATUM IS IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). ORIGIN: RM8 DP 404605 RL 81.10

ISSUE	DATE	REVISION	CHKD	DRWN		NAME	DATE
B	16/03/26	FOR S127	NM	JS	SURVEYED		
					DESIGNED		
					DRAWN		
					TRACED		
					CHECKED		

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CLIENT
CARRACK CAPITAL LIMITED

PROJECT / LOCATION
8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE
PROPOSED PARK RESERVE (LOT 503)
CROSS SECTIONS

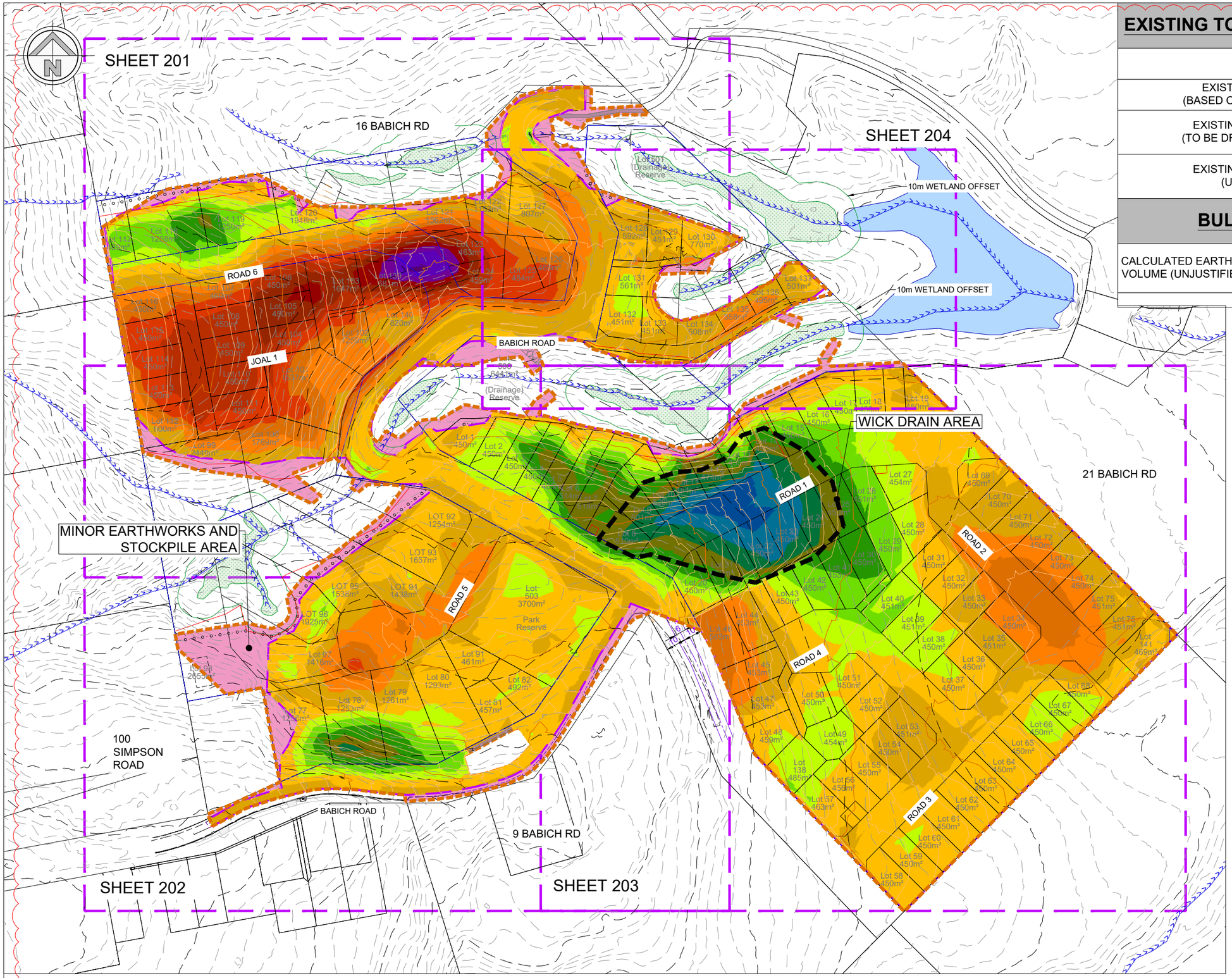
STAGE
FOR RESOURCE CONSENT

PROJECT NUMBER
210506

SCALE
A1 1:200
A3 1:400

DWG NUMBER
RC-103.2

REVISION
B



EXISTING TOPSOIL AND UNSUITABLE SU

LUC60432513-C SUB60432514-D
Approved Resource Consent Plan
07/05/2026

	AREA (m2)	VOLUME (m3)
EXISTING TOP SOIL (BASED ON 250mm DEPTH)	111,747	27937
EXISTING UNSUITABLE (TO BE DRIED OR REUSED)		3,500
EXISTING UNSUITABLE (UNUSABLE)		1,300

BULK EARTHWORKS SUMMARY

CALCULATED EARTHWORKS VOLUME (UNJUSTIFIED)	AREA (m2)	CUT (m3)	FILL (m3)
	111,747	80,855	93,179

NOTES - EARTHWORKS:
1. POST NOT TO BE BURNT AS CONTAMINATED.
2. CONTRACTOR TO MANAGE EARTHWORKS AS REQUIRED TO ACHIEVE PROGRAM AND TO CATER FOR POSSIBLE EARTHWORKS OVER TWO EARTHWORKS SEASONS.
3. ALL STOCKPILES TO BE MANAGED TO ALLOW FOR PROGRESSION OF THE WORKS ASSOCIATED WITH ACHIEVING DETAILED STAGE REQUIREMENTS.
4. ALL EARTHWORKS TO BE 0-100mm BULK EARTHWORKS TOLERANCES. ALL LOTS AND ROADWAY AREAS TO BE FINISHED TO 0-50mm TOLERANCES.
5. CONTRACTOR MAYBE REQUIRED TO DEWATER DEEP CUTS AT ALL LOCATIONS OVER SITE.

TOTAL AREA OF EARTHWORKS INCLUDES CONTAMINATION REMEDIATION WORKS AREA, MINOR EARTHWORKS AND STOCKPILE AREA, AND GEOTECHNICAL REMEDIATION WORK AREA.

LEGEND:
- EXISTING ROAD
- EXISTING OVERLAND FLOW PATH
- PROPOSED RETAINING WALL
- PROPOSED PALISADE WALL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WETLAND AND 10m OFFSET
- EXTENTS OF EARTHWOKS
- MINOR EARTHWORKS AND STOCKPILE AREA (OUTSIDE BULK EARTHWORKS AREA)

1:1000 @ A1
1:2000 @ A3
0 10 20 30 40 50 60 70 80 90 100 m

HEIGHT DATUM IS IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). ORIGIN: RM8 DP 404605 RL 81.10

ISSUE	DATE	REVISION	CHKD	DRWN
G	16/03/26	FOR S127	NM	JS
G	24/04/26	24/04/26		

	NAME	DATE
SURVEYED	TERRA	-
DESIGNED	NM	01/05/24
DRAWN	NM	01/05/24
TRACED		
CHECKED	GT	01/05/24

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CLIENT: CARRACK CAPITAL LIMITED

PROJECT / LOCATION: 8-14, 17-19 BABICH ROAD, HENDERSON VALLEY, AUCKLAND

DRAWING TITLE: EARTHWORKS OVERALL CUT-FILL PLAN

STAGE: FOR RESOURCE CONSENT

PROJECT NUMBER: 210506

SCALE: A1 1:1000, A3 1:2000

DWG NUMBER: RC- 200

REVISION: H

NOTES - EARTHWORKS:

1. POST NOT TO BE BURNT AS CONTAMINATED.
2. CONTRACTOR TO MANAGE EARTHWORKS AS REQUIRED TO ACHIEVE PROGRAM AND TO CATER FOR POSSIBLE EARTHWORKS OVER TWO EARTHWORKS SEASONS.
3. ALL STOCKPILES TO BE MANAGED TO ALLOW FOR PROGRESSION OF THE WORKS ASSOCIATED WITH ACHIEVING DETAILED STAGE REQUIREMENTS.
4. ALL EARTHWORKS TO BE 0-100mm BULK EARTHWORKS TOLERANCES. ALL LOTS AND ROADWAY AREAS TO BE FINISHED TO 0-50mm TOLERANCES.
5. CONTRACTOR MAYBE REQUIRED TO DEWATER DEEP CUTS AT ALL LOCATIONS OVER SITE.

CUT & FILL ISOPACHS

MINIMUM ELEVATION	MAXIMUM ELEVATION	RANGE AREA	VOLUME	COLOUR
0.00m	1.00m	26736	37117	
+1.00m	2.00m	10639	19481	
+2.00m	3.00m	5067	12358	
+3.00m	4.00m	3582	8163	
+4.00m	5.00m	2720	4875	
+5.00m	6.00m	1726	2862	
+6.00m	7.00m	1477	1255	
+7.00m	8.00m	540	134	

F

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

REVISION		
ISSUE	DATE	DETAIL
F	16/03/26	FOR S127

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan
07/05/2026

CUT & FILL ISOPACHS

MINIMUM ELEVATION	MAXIMUM ELEVATION	RANGE AREA	VOLUME	COLOUR
-11.00m	-10.00m	0	0	
-10.00m	-9.00m	28	3	
-9.00m	-8.00m	261	152	
-8.00m	-7.00m	308	437	
-7.00m	-6.00m	581	831	
-6.00m	-5.00m	1437	1920	
-5.00m	-4.00m	3609	4182	
-4.00m	-3.00m	4002	8151	
-3.00m	-2.00m	5303	12652	
-2.00m	-1.00m	8716	19663	
-1.00m	0.00m	19559	31494	

10m WETLAND OFFSET

EARTHWORKS EXTENTS

MINOR EARTHWORKS AREA

LEGEND:

- EXISTING ROAD
- EXISTING OVERLAND FLOW PATH
- PROPOSED RETAINING WALL
- PROPOSED PALISADE WALL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WETLAND AND 10m OFFSET
- EXTENTS OF EARTHWOKS
- MINOR EARTHWORKS AND STOCKPILE AREA (OUTSIDE BULK EARTHWORKS AREA)

STAGE

FOR RESOURCE CONSENT

PROJECT CONSULTANTS

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CLIENT

CARRACK CAPITAL LIMITED

PROJECT

BABICH RISE

LOCATION

8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE

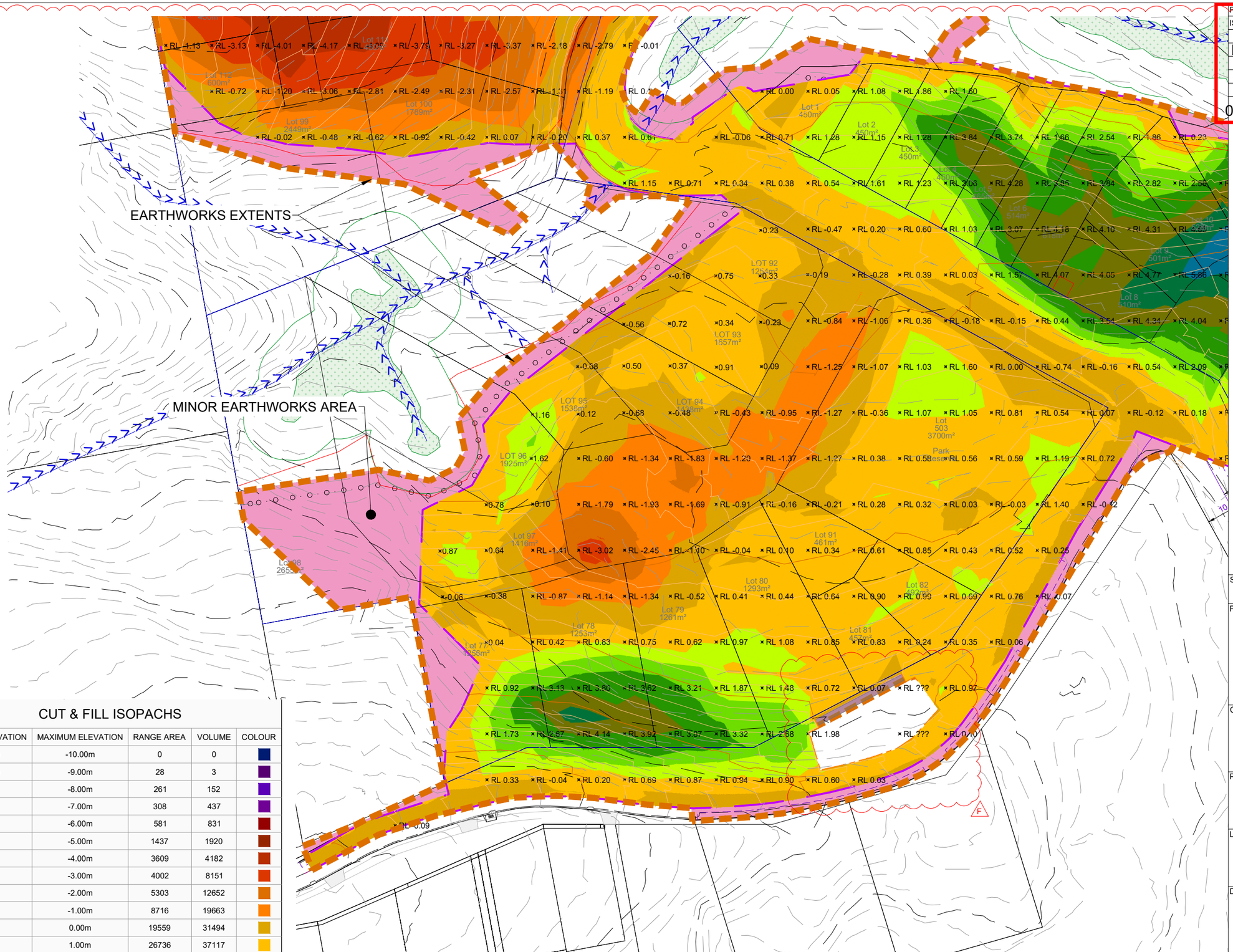
EARTHWORKS CUT-FILL PLAN
SHEET 1 OF 4

ORIENTATION

N

SCALE	A1	1:500
	A3	1:1000
DATE		01/05/2024
SURVEYED		TERRA
DESIGNED		NM
DRAWN		NM
CHECKED		GT

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC- 201	F



CUT & FILL ISOPACHS

MINIMUM ELEVATION	MAXIMUM ELEVATION	RANGE AREA	VOLUME	COLOUR
-11.00m	-10.00m	0	0	
-10.00m	-9.00m	28	3	
-9.00m	-8.00m	261	152	
-8.00m	-7.00m	308	437	
-7.00m	-6.00m	581	831	
-6.00m	-5.00m	1437	1920	
-5.00m	-4.00m	3609	4182	
-4.00m	-3.00m	4002	8151	
-3.00m	-2.00m	5303	12652	
-2.00m	-1.00m	8716	19663	
-1.00m	0.00m	19559	31494	
0.00m	1.00m	26736	37117	
+1.00m	2.00m	10639	19481	
+2.00m	3.00m	5067	12358	
+3.00m	4.00m	3582	8163	
+4.00m	5.00m	2720	4875	
+5.00m	6.00m	1726	2862	
+6.00m	7.00m	1477	1255	
+7.00m	8.00m	540	134	

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

REVISION

ISSUE	DATE	DETAIL
F	16/03/26	FOR S127

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026

NOTES - EARTHWORKS:

1. POST NOT TO BE BURNT AS CONTAMINATED.
2. CONTRACTOR TO MANAGE EARTHWORKS AS REQUIRED TO ACHIEVE PROGRAM AND TO CATER FOR POSSIBLE EARTHWORKS OVER TWO EARTHWORKS SEASONS.
3. ALL STOCKPILES TO BE MANAGED TO ALLOW FOR PROGRESSION OF THE WORKS ASSOCIATED WITH ACHIEVING DETAILED STAGE REQUIREMENTS.
4. ALL EARTHWORKS TO BE 0-100mm BULK EARTHWORKS TOLERANCES. ALL LOTS AND ROADWAY AREAS TO BE FINISHED TO 0-50mm TOLERANCES.
5. CONTRACTOR MAYBE REQUIRED TO DEWATER DEEP CUTS AT ALL LOCATIONS OVER SITE.

LEGEND:

- EXISTING ROAD
- EXISTING OVERLAND FLOW PATH
- PROPOSED RETAINING WALL
- PROPOSED PALISADE WALL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WETLAND AND 10m OFFSET
- EXTENTS OF EARTHWOKS
- MINOR EARTHWORKS AND STOCKPILE AREA (OUTSIDE BULK EARTHWORKS AREA)

STAGE

FOR RESOURCE CONSENT

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CLIENT

CARRACK CAPITAL LIMITED

PROJECT

BABICH RISE

LOCATION

8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE

EARTHWORKS CUT-FILL PLAN
SHEET 2 OF 4

ORIENTATION

SCALE	A1	1:500
	A3	1:1000
DATE		01/05/2024
SURVEYED		TERRA
DESIGNED		NM
DRAWN		NM
CHECKED		GT

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC- 202	F

REVISION		
ISSUE	DATE	DETAIL
G	16/03/26	FOR S127

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026

NOTES / EARTHWORKS:
1. POST NOT TO BE BURNT AS CONTAMINATED.
2. CONTRACTOR TO MANAGE EARTHWORKS AS REQUIRED TO ACHIEVE PROGRAM AND TO CATER FOR POSSIBLE EARTHWORKS OVER TWO EARTHWORKS SEASONS.
3. ALL STOCKPILES TO BE MANAGED TO ALLOW FOR PROGRESSION OF THE WORKS ASSOCIATED WITH ACHIEVING DETAILED STAGE REQUIREMENTS.
4. ALL EARTHWORKS TO BE 0-100mm BULK EARTHWORKS TOLERANCES. ALL LOTS AND ROADWAY AREAS TO BE FINISHED TO 0-50mm TOLERANCES.
5. CONTRACTOR MAYBE REQUIRED TO DEWATER DEEP CUTS AT ALL LOCATIONS OVER SITE.

LEGEND:

- EXISTING ROAD
- EXISTING OVERLAND FLOW PATH
- PROPOSED RETAINING WALL
- PROPOSED PALISADE WALL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WETLAND AND 10m OFFSET
- EXTENTS OF EARTHWOKS
- MINOR EARTHWORKS AND STOCKPILE AREA (OUTSIDE BULK EARTHWORKS AREA)

CUT & FILL ISOPACHS

MINIMUM ELEVATION	MAXIMUM ELEVATION	RANGE AREA	VOLUME	COLOUR
-11.00m	-10.00m	0	0	
-10.00m	-9.00m	28	3	
-9.00m	-8.00m	261	152	
-8.00m	-7.00m	308	437	
-7.00m	-6.00m	581	831	
-6.00m	-5.00m	1437	1920	
-5.00m	-4.00m	3609	4182	
-4.00m	-3.00m	4002	8151	
-3.00m	-2.00m	5303	12652	
-2.00m	-1.00m	8716	19663	
-1.00m	0.00m	19559	31494	
0.00m	1.00m	26736	37117	
+1.00m	2.00m	10639	19481	
+2.00m	3.00m	5067	12358	
+3.00m	4.00m	3582	8163	
+4.00m	5.00m	2720	4875	
+5.00m	6.00m	1726	2862	
+6.00m	7.00m	1477	1255	
+7.00m	8.00m	540	134	

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

STAGE
FOR RESOURCE CONSENT

PROJECT CONSULTANTS

terra CONSULTANTS
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Auckland: (09) 357 3557
Christchurch: (03) 379 5055
Email: terra@terragroup.co.nz | Web: www.terragroup.co.nz

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CLIENT
CARRACK CAPITAL LIMITED

PROJECT
BABICH RISE

LOCATION
8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE
EARTHWORKS CUT-FILL PLAN
SHEET 3 OF 4

ORIENTATION

SCALE	A1	1:500
	A3	1:1000
DATE		01/05/2024
SURVEYED		TERRA
DESIGNED		NM
DRAWN		NM
CHECKED		GT

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC- 203	G

NOTES - EARTHWORKS:

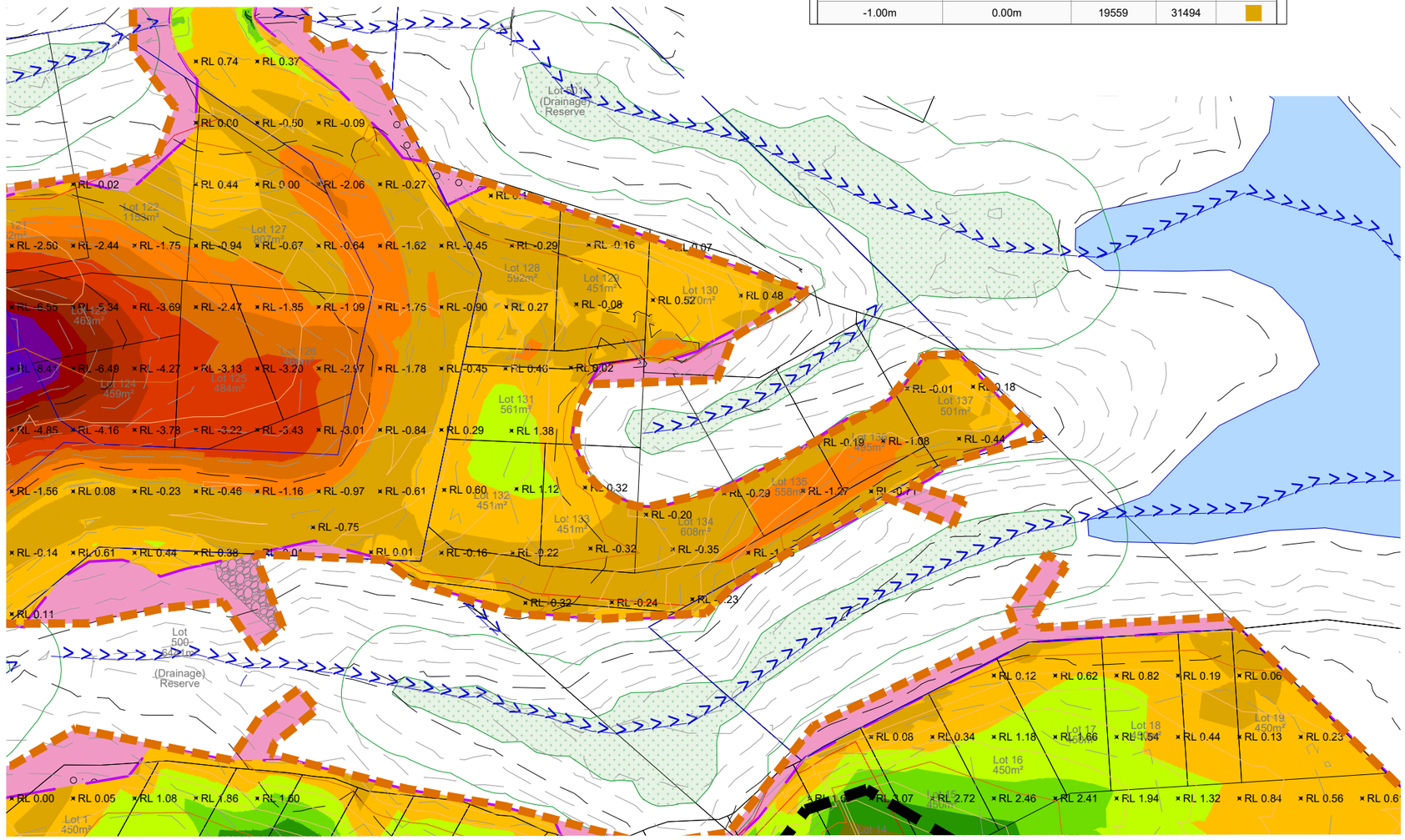
1. POST NOT TO BE BURNT AS CONTAMINATED.
2. CONTRACTOR TO MANAGE EARTHWORKS AS REQUIRED TO ACHIEVE PROGRAM AND TO CATER FOR POSSIBLE EARTHWORKS OVER TWO EARTHWORKS SEASONS.
3. ALL STOCKPILES TO BE MANAGED TO ALLOW FOR PROGRESSION OF THE WORKS ASSOCIATED WITH ACHIEVING DETAILED STAGE REQUIREMENTS.
4. ALL EARTHWORKS TO BE 0-100mm BULK EARTHWORKS TOLERANCES. ALL LOTS AND ROADWAY AREAS TO BE FINISHED TO 0-50mm TOLERANCES.
5. CONTRACTOR MAYBE REQUIRED TO DEWATER DEEP CUTS AT ALL LOCATIONS OVER SITE.

CUT & FILL ISOPACHS

MINIMUM ELEVATION	MAXIMUM ELEVATION	RANGE AREA	VOLUME	COLOUR
0.00m	1.00m	26736	37117	
+1.00m	2.00m	10639	19481	
+2.00m	3.00m	5067	12358	
+3.00m	4.00m	3582	8163	
+4.00m	5.00m	2720	4875	
+5.00m	6.00m	1726	2862	
+6.00m	7.00m	1477	1255	
+7.00m	8.00m	540	134	

CUT & FILL ISOPACHS

MINIMUM ELEVATION	MAXIMUM ELEVATION	RANGE AREA	VOLUME	COLOUR
-11.00m	-10.00m	0	0	
-10.00m	-9.00m	28	3	
-9.00m	-8.00m	261	152	
-8.00m	-7.00m	308	437	
-7.00m	-6.00m	581	831	
-6.00m	-5.00m	1437	1920	
-5.00m	-4.00m	3609	4182	
-4.00m	-3.00m	4002	8151	
-3.00m	-2.00m	5303	12652	
-2.00m	-1.00m	8716	19663	
-1.00m	0.00m	19559	31494	



REVISION		
ISSUE	DATE	DETAIL
A	24/04/26	FOR S127

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026

1:500 @ A1
1:1000 @ A3

0 5 10 15 20 25 30 35 40 45 50 m

LEGEND:

- EXISTING ROAD
- EXISTING OVERLAND FLOW PATH
- PROPOSED RETAINING WALL
- PROPOSED PALISADE WALL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WETLAND AND 10m OFFSET
- EXTENTS OF EARTHWOKS
- MINOR EARTHWORKS AND STOCKPILE AREA (OUTSIDE BULK EARTHWORKS AREA)

STAGE

FOR RESOURCE CONSENT

PROJECT CONSULTANTS

terra CONSULTANTS

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CLIENT

CARRACK CAPITAL LIMITED

PROJECT

BABICH RISE

LOCATION

8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE

EARTHWORKS CUT-FILL PLAN
SHEET 4 OF 4

ORIENTATION

N

SCALE	A1	1:500
	A3	1:1000
DATE		01/05/2024
SURVEYED		TERRA
DESIGNED		NM
DRAWN		NM
CHECKED		GT

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC- 204	A

Auckland Council

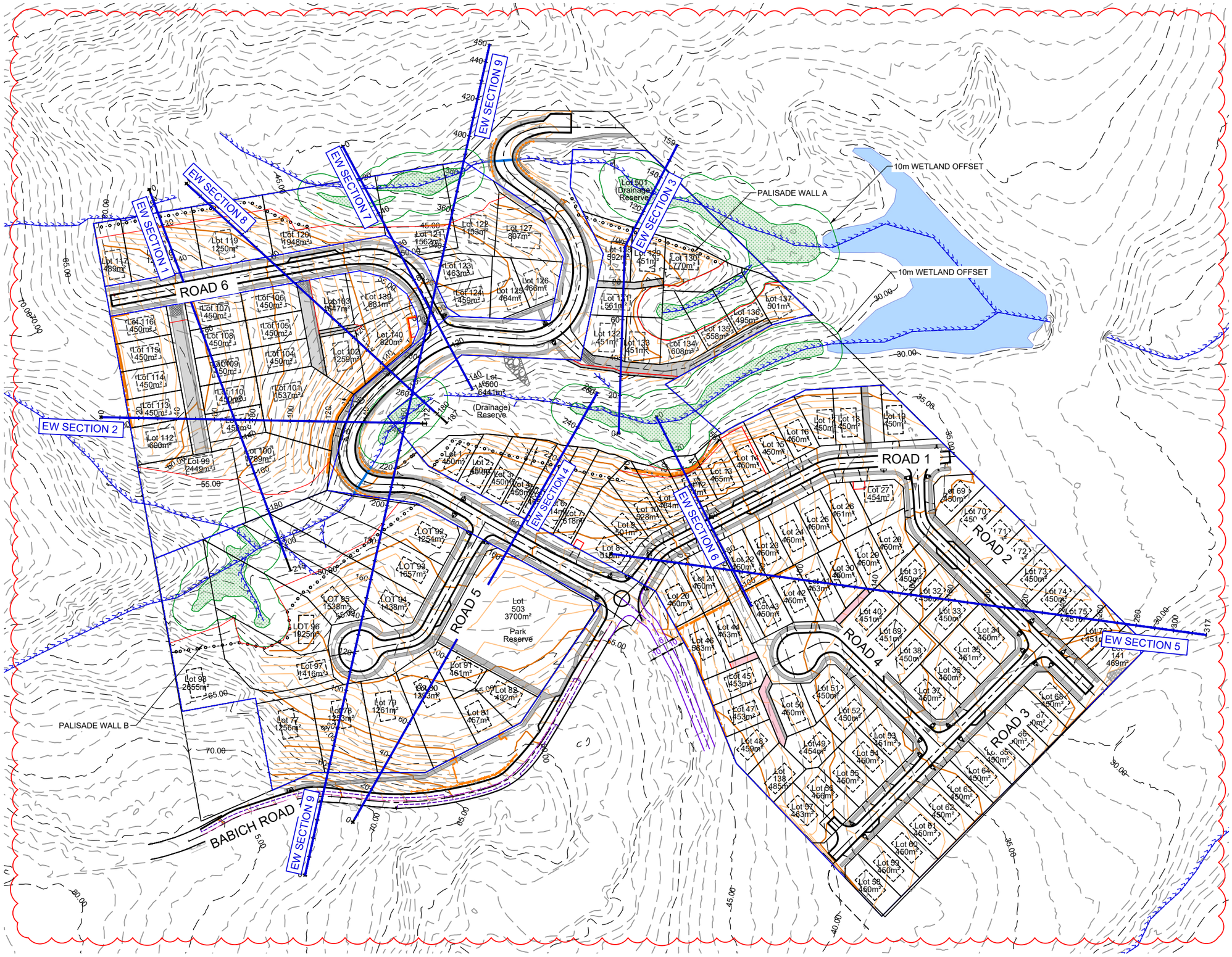
LUC60432513-C SUB60432514-D

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07/05/2026

LEGEND:

- EXISTING OVERLAND FLOW PATH
- PROPOSED RETAINING WALL
- PROPOSED PALISADE WALL
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WETLAND AND 10m OFFSET



1:1000 @ A1
1:2000 @ A3

0 10 20 30 40 50 60 70 80 90 100 m

HEIGHT DATUM IS IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). ORIGIN: RM8 DP 404605 RL 81.10

ISSUE	DATE	REVISION	CHKD	DRWN
G	16/03/26	FOR S127	NM	JS

	NAME	DATE
SURVEYED	TERRA	-
DESIGNED	NM	01/05/24
DRAWN	NM	01/05/24
TRACED		
CHECKED	NM	01/05/24

CONSULTANT

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CLIENT: CARRACK CAPITAL LIMITED

PROJECT / LOCATION: 8-14, 17-19 BABICH ROAD, HENDERSON VALLEY, AUCKLAND

DRAWING TITLE: EARTHWORKS CROSS SECTIONS OVERALL PLAN

STAGE: FOR RESOURCE CONSENT

PROJECT NUMBER: 210506

SCALE: A1 1:500, A3 1:2000

DWG NUMBER: RC- 210

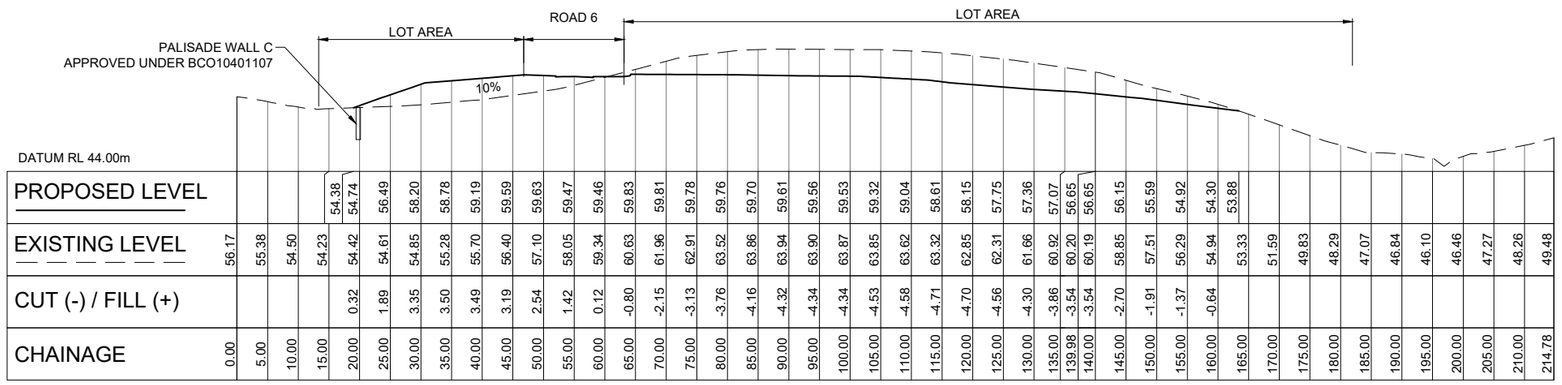
REVISION: G

Auckland Council

LUC60432513-C SUB60432514-D

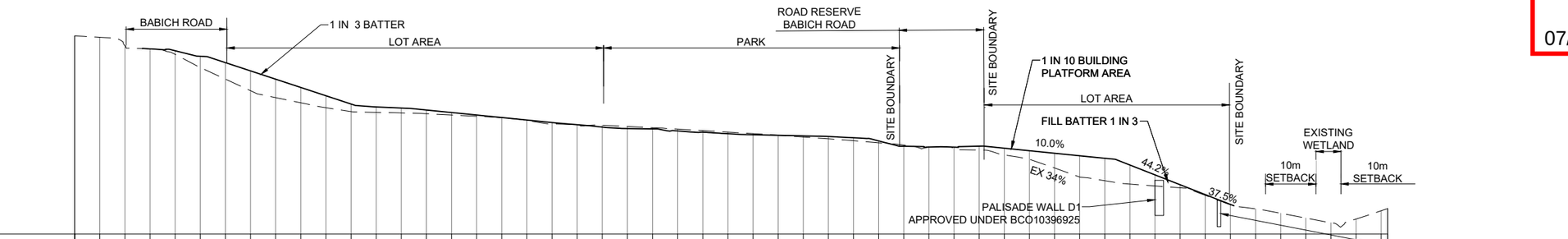
Approved Resource Consent Plan

07/05/2026



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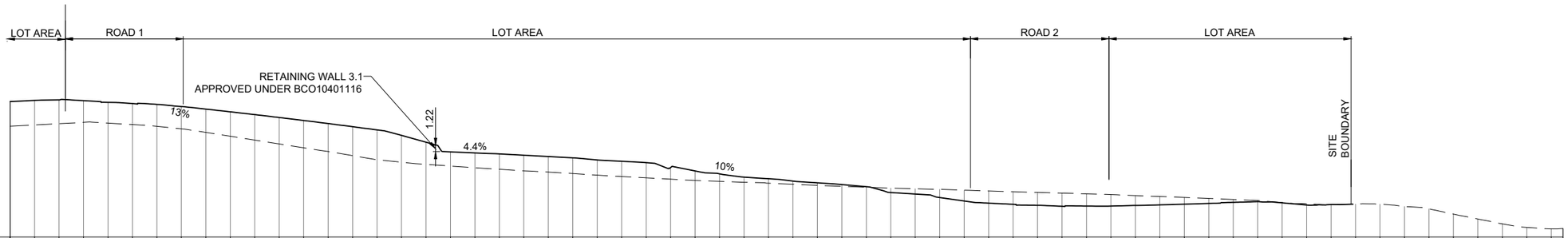
LUC60432513-C SUB60432514-D
Approved Resource Consent Plan
07/05/2026



DATUM RL 32.00m

CHAINAGE	PROPOSED LEVEL	EXISTING LEVEL	CUT (-) / FILL (+)
0.00		71.35	
5.00		71.07	
10.00		69.39	
15.00	68.77	68.76	0.01
20.00	68.39	67.67	0.73
25.00	67.30	65.07	2.23
30.00	66.05	62.77	3.28
35.00	64.40	60.46	3.94
40.00	62.76	59.09	3.67
45.00	61.11	58.06	3.05
50.00	59.47	57.08	2.38
55.00	57.82	56.31	1.51
60.00	57.24	56.17	1.08
65.00	57.02	56.06	0.97
70.00	56.63	55.89	0.74
75.00	56.13	55.63	0.50
80.00	55.63	55.38	0.25
85.00	55.13	55.08	0.06
90.00	54.64	54.54	0.09
95.00	54.14	53.88	0.26
100.00	53.71	53.70	0.01
105.00	53.24	53.60	-0.36
110.00	52.94	53.36	-0.42
115.00	52.88	53.12	-0.24
120.00	52.47	52.84	-0.37
125.00	52.23	52.54	-0.31
130.00	51.92	52.25	-0.32
135.00	51.73	51.95	-0.23
140.00	51.61	51.62	-0.01
145.00	51.49	51.27	0.23
150.00	51.36	50.92	0.45
155.00	51.11	50.54	0.56
160.00	50.49	50.11	0.37
165.00	49.43	49.67	-0.24
170.00	49.26	49.28	-0.02
175.00	49.26	49.01	0.25
180.00	49.44	48.67	0.77
185.00	49.04	47.71	1.34
190.00	48.54	46.84	1.70
195.00	48.04	45.12	2.92
200.00	47.54	43.32	4.22
205.00	47.05	42.59	4.46
210.00	45.70	41.92	3.78
215.00	43.75	41.54	2.21
220.00	41.79	41.18	0.61
225.00	39.83	39.68	0.16
230.00	37.87	37.81	0.07
235.00		36.99	
240.00		36.12	
245.00		35.17	
250.00		34.25	
255.00		34.96	
260.00		36.61	
261.29		37.05	

EW SECTION 4 LONGSECTION
CH: 0.00m TO CH: 261.29m
1:500H 1:500V @ A1 (DOUBLE FOR A3)



DATUM RL 24.00m

CHAINAGE	PROPOSED LEVEL	EXISTING LEVEL	CUT (-) / FILL (+)
0.00	51.64	46.60	5.04
5.00	51.87	46.86	5.01
10.00	51.98	47.12	4.86
15.00	51.82	47.39	4.43
20.00	51.46	47.24	4.23
25.00	51.23	46.94	4.29
30.00	51.05	46.57	4.49
35.00	50.62	46.08	4.55
40.00	50.10	45.33	4.76
45.00	49.54	44.56	4.99
50.00	48.97	43.77	5.20
55.00	48.38	42.98	5.40
60.00	47.77	42.20	5.57
65.00	47.14	41.44	5.71
70.00	46.50	40.59	5.91
75.00	45.85	39.75	6.09
80.00	44.74	39.25	5.48
85.00	43.34	38.82	4.52
90.00	41.37	38.47	2.90
95.00	41.15	38.13	3.02
100.00	40.96	37.80	3.15
105.00	40.69	37.49	3.20
110.00	40.42	37.24	3.18
115.00	40.15	36.93	3.22
120.00	39.71	36.62	3.09
125.00	39.44	36.34	3.11
130.00	39.17	36.06	3.11
135.00	38.17	35.79	2.38
140.00	37.47	35.53	1.93
145.00	36.89	35.35	1.54
150.00	36.21	35.16	1.05
155.00	35.89	34.97	0.92
160.00	35.40	34.75	0.65
165.00	35.04	34.53	0.51
170.00	34.69	34.33	0.36
175.00	34.26	34.14	0.12
180.00	33.07	33.96	-0.90
185.00	32.76	33.83	-1.07
190.00	32.04	33.71	-1.67
195.00	31.35	33.55	-2.20
200.00	30.90	33.39	-2.49
205.00	30.67	33.23	-2.56
210.00	30.46	33.09	-2.63
215.00	30.26	32.95	-2.69
220.00	30.31	32.80	-2.49
225.00	30.30	32.65	-2.35
230.00	30.42	32.45	-2.02
235.00	30.54	32.25	-1.71
240.00	30.69	32.06	-1.37
245.00	30.84	31.86	-1.02
250.00	31.07	31.65	-0.59
255.00	31.22	31.43	-0.20
260.00	30.97	31.02	-0.05
265.00	30.52	30.77	-0.25
270.00	30.61	30.60	0.01
275.00		30.71	
280.00		30.69	
285.00		30.21	
290.00		29.74	
295.00		28.66	
300.00		27.67	
305.00		26.67	
310.00		25.94	
315.00		25.64	
317.42		25.72	

EW SECTION 5 LONGSECTION
CH: 0.00m TO CH: 317.42m
1:500H 1:500V @ A1 (DOUBLE FOR A3)

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

HEIGHT DATUM IS IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). ORIGIN: RM8 DP 404605 RL 81.10

ISSUE	DATE	REVISION	CHKD	DRWN
E	16/03/26	FOR S127	NM	JS

	NAME	DATE
SURVEYED	TERRA	-
DESIGNED	NM	01/05/24
DRAWN	NM	01/05/24
TRACED		
CHECKED	NM	01/05/24

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CLIENT
CARRACK CAPITAL LIMITED

PROJECT / LOCATION
8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE
EARTHWORKS CROSS SECTION PLAN
SHEET 2 OF 4

STAGE
FOR RESOURCE CONSENT

PROJECT NUMBER
210506

SCALE
A1 1:500
A3 1:1001

DWG NUMBER
RC- 212

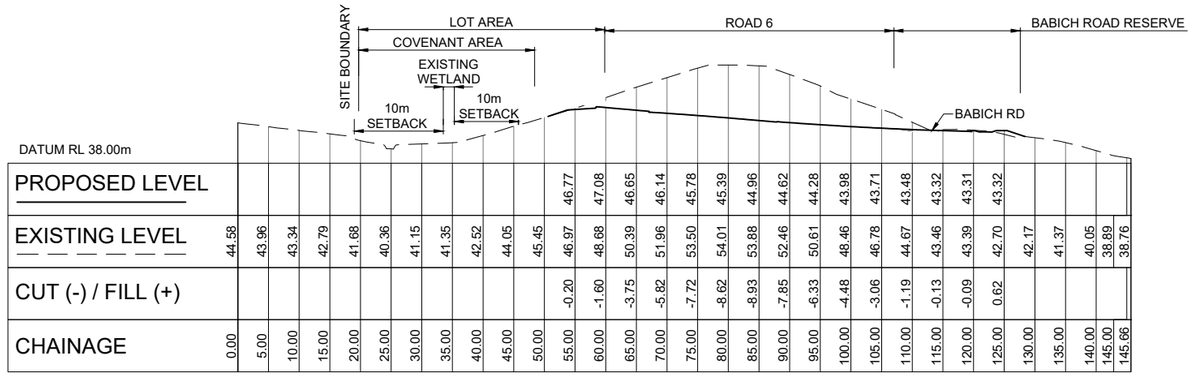
REVISION
E

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LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026



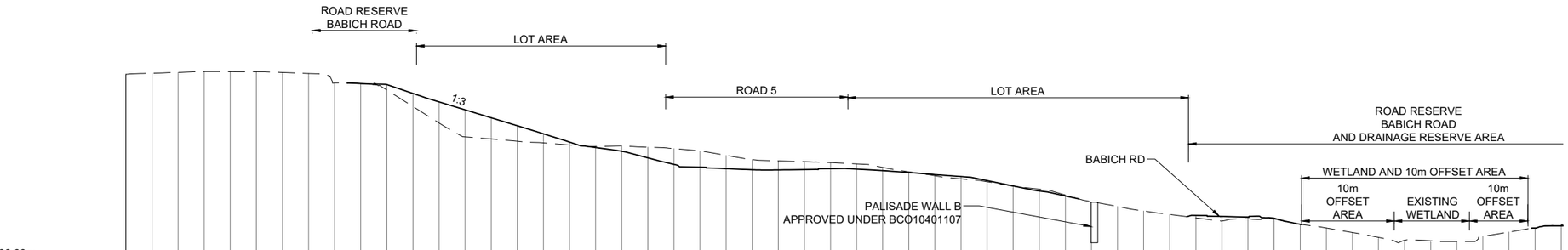
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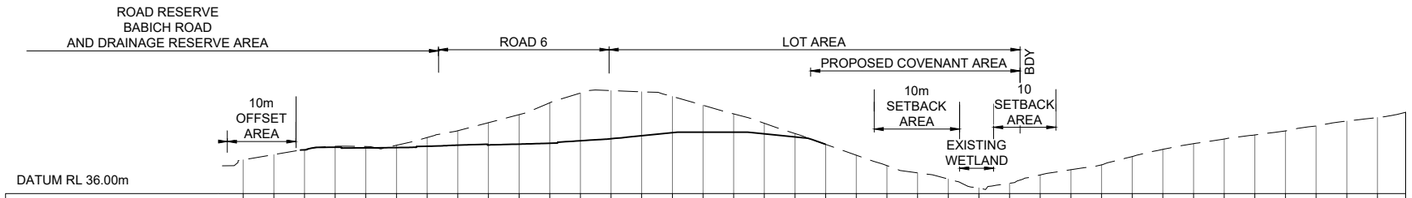
07/05/2026



DATUM RL 36.00m

CHAINAGE	PROPOSED LEVEL	EXISTING LEVEL	CUT (-) / FILL (+)
0.00		72.78	
5.00		72.95	
10.00		73.09	
15.00		73.07	
20.00		73.06	
25.00		72.94	
30.00		72.75	
35.00		70.92	
40.00	70.81	70.82	-0.01
45.00	70.63	69.58	1.05
50.00	68.92	66.42	2.50
55.00	67.29	63.26	4.03
60.00	65.77	60.60	5.17
65.00	64.25	60.20	4.05
70.00	62.73	59.77	2.96
75.00	61.19	59.45	1.74
80.00	59.61	59.05	0.56
85.00	58.56	58.76	-0.21
90.00	57.85	58.88	-1.03
95.00	56.59	58.62	-2.04
100.00	55.33	58.36	-3.03
105.00	54.79	57.89	-3.09
110.00	54.50	57.05	-2.55
115.00	54.30	56.26	-1.96
120.00	54.27	56.00	-1.73
125.00	54.34	55.84	-1.51
130.00	54.52	55.65	-1.14
135.00	54.42	55.42	-0.99
140.00	54.13	54.76	-0.63
145.00	53.77	53.91	-0.15
150.00	53.36	53.15	0.21
155.00	52.99	52.55	0.44
160.00	52.21	52.00	0.22
165.00	51.19	51.16	0.03
170.00	50.23	50.59	-0.35
175.00	49.28	49.46	-0.18
180.00		48.18	
185.00		47.27	
190.00		46.40	
195.00		45.72	
200.00	45.55	45.08	0.47
205.00	45.35	44.45	0.88
210.00	45.23	44.47	0.32
215.00	45.01	44.90	0.16
220.00	43.83	44.85	0.01
225.00		43.82	
230.00		43.13	
235.00		42.27	
240.00		41.33	
245.00		40.77	
250.00		40.68	
255.00		40.52	
260.00		41.50	
265.00		42.35	
270.00	43.11	43.21	-0.09
275.00	43.55	43.70	-0.16

EW SECTION 9 LONGSECTION
CH: 0.00m TO CH:275.00m
1:500H 1:500V @ A1 (DOUBLE FOR A3)



DATUM RL 36.00m

CHAINAGE	PROPOSED LEVEL	EXISTING LEVEL	CUT (-) / FILL (+)
260.00		41.50	
265.00		42.35	
270.00	43.11	43.21	-0.09
275.00	43.55	43.70	-0.16
280.00	43.44	43.66	-0.22
285.00	43.49	43.86	-0.37
290.00	43.71	45.14	-1.43
295.00	43.89	46.24	-2.34
300.00	43.90	47.55	-3.65
305.00	44.06	48.86	-4.80
310.00	44.20	50.80	-6.60
315.00	44.61	52.38	-7.78
320.00	44.94	52.77	-7.84
325.00	45.42	52.59	-7.16
330.00	45.92	51.82	-5.90
335.00	46.00	50.39	-4.39
340.00	46.00	48.99	-2.99
345.00	45.74	47.45	-1.71
350.00	45.22	45.77	-0.54
355.00		44.02	
360.00		42.25	
365.00		40.55	
370.00		39.38	
375.00		38.35	
380.00		36.92	
385.00		37.67	
390.00		39.03	
395.00		39.89	
400.00		40.68	
405.00		42.03	
410.00		43.21	
415.00		43.35	
420.00		44.13	
425.00		44.89	
430.00		45.55	
435.00		46.22	
440.00		47.01	
445.00		47.81	
449.60		48.39	

EW SECTION 9 LONGSECTION
CH:260.00m TO CH: 449.60m
1:500H 1:500V @ A1 (DOUBLE FOR A3)

E

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

HEIGHT DATUM IS IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). ORIGIN: RM8 DP 404605 RL 81.10

ISSUE	DATE	REVISION	CHKD	DRWN
E	16/03/26	FOR S127	NM	JS

	NAME	DATE
SURVEYED	TERRA	-
DESIGNED	NM	01/05/24
DRAWN	NM	01/05/24
TRACED		
CHECKED	NM	01/05/24

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CLIENT
CARRACK CAPITAL LIMITED

PROJECT / LOCATION
8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE
EARTHWORKS CROSS SECTION PLAN
SHEET 4 OF 4

STAGE
FOR RESOURCE CONSENT

PROJECT NUMBER
210506

SCALE
A1 1:500
A3 1:1000

DWG NUMBER
RC- 214

REVISION
E

PALISADE WALL C
120m LENGTH

PALISADE WALL A
91m LENGTH

PALISADE WALL D1
110m LENGTH

PALISADE WALL D2
16m LENGTH

PALISADE WALL B
1165m LENGTH

Lot 122
1153m²

Lot 127
807m²

Lot 139
681m²

Lot 140
820m²

Lot
500
9441m²
(Drainage)
Reserve

Lot
503
3700m²
Park
Reserve

Lot 111
450m²

Lot 100
1789m²

Lot 99
2449m²

LOT 92
1254m²

LOT 93
1657m²

LOT 95
1538m²

LOT 96
1925m²

Lot 97
1416m²

Lot 98
2655m²

Lot 77
1256m²

Lot 78
1253m²

Lot 79
1261m²

Lot 80
1293m²

Lot 81
457m²

Lot 82
492m²

Lot 91
461m²

Lot 1
450m²

Lot 2
450m²

Lot 3
450m²

Lot 4
450m²

Lot 5
465m²

Lot 6
514m²

Lot 7
618m²

Lot 8
510m²

Lot 9
501m²

Lot 10
528m²

Lot 11
484m²

Lot 12
474m²

Lot 13
455m²

Lot 14
450m²

Lot 15
450m²

Lot 16
450m²

Lot 17
450m²

Lot 18
450m²

Lot 19
450m²

Lot 20
460m²

Lot 21
450m²

Lot 22
450m²

Lot 23
450m²

Lot 24
450m²

Lot 25
450m²

Lot 26
451m²

Lot 27
454m²

Lot 28
450m²

Lot 29
450m²

Lot 30
450m²

Lot 31
450m²

Lot 32
450m²

Lot 33
450m²

Lot 34
450m²

Lot 35
451m²

Lot 36
450m²

Lot 37
450m²

Lot 38
450m²

Lot 39
451m²

Lot 40
451m²

Lot 41
453m²

Lot 42
450m²

Lot 43
450m²

Lot 44
453m²

Lot 45
453m²

Lot 46
583m²

Lot 47
453m²

Lot 48
459m²

Lot 49
454m²

Lot 50
450m²

Lot 51
450m²

Lot 52
450m²

Lot 53
451m²

Lot 54
450m²

Lot 55
450m²

Lot 56
456m²

Lot 57
463m²

Lot
138
485m²

Lot 58
450m²

Lot 59
450m²

Lot 60
450m²

Lot 61
450m²

Lot 62
450m²

Lot 63
450m²

Lot 64
450m²

Lot 65
450m²

Lot 69
450m²

Lot 70
450m²

Lot 71
450m²

E

6
10
10

1:750 @ A1
1:1500 @ A3

0 10 20 30 40 50 60 70 m

REVISION		
ISSUE	DATE	DETAIL
E	16/03/26	FOR S127

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026

Issued

RETAINING WALL
COVENANT AREA
PALISADE RETAINING WALL A
PALISADE RETAINING WALL B
PALISADE RETAINING WALL C
PALISADE RETAINING WALL D
EXISTING OVERLAND FLOW PATH
EXISTING WETLAND
PROPOSED RAIN GARDEN (WITH <5% LONG SECTION)
PROPOSED STREET LIGHT
PROPOSED RETAINING WALL
PROPOSED PALISADE WALL
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
VEHICLE CROSSING TO BE BUILT WITH SUBDIVISION CIVIL WORKS
INDICATIVE VEHICLE CROSSINGS (WILL NOT BE BUILT WITH SUBDIVISION

STAGE
FOR RESOURCE CONSENT

PROJECT CONSULTANTS
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CLIENT
CARRACK CAPITAL LIMITED

PROJECT
BABICH RISE

LOCATION
8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE
PALISADE WALL PLAN

ORIENTATION

SCALE	A1	1:750
	A3	1:1500
DATE		01/05/2024
SURVEYED		TERRA
DESIGNED		NM
DRAWN		NM
CHECKED		GT

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC- 216	E

NOTES:
ALL SEDIMENT CONTROL WORKS TO BE COMPLETED AND APPROVED BY COUNCIL PRIOR TO ANY EARTHWORKS BEING UNDERTAKEN.

SEDIMENT RETENTION POND DIMENSION						
DEVICE NAME	CATCHMENT AREA (ha)	MINIMUM VOLUME (m3)	TOP LENGTH (m)	TOP WIDTH (m)	BASE LENGTH (m)	BASE WIDTH (m)
SRP A	5.0	1500	56.40	21.60	45.90	13.20
SRP B	2.5	750	43.95	17.10	34.95	9.90
SRP C	2.5	750	43.95	17.10	34.95	9.90

LEGEND:
- SSF SSF SSF SSF SUPER SILT FENC
- SILT FENCE CATCH FENCE
- POND
- DW DIRTY WATER DIVERSION
- EARTHWORK EXTENT
- 10m WETLAND SETBACK
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- EXISTING STABILIZED ROAD

Auckland Council

LUC60432513-C SUB60432514-D
Approved Resource Consent Plan
07/05/2026

SHEET 220.2

SEDIMENT RETENTION POND (SRP) B

DIRTY WATER DIVERSION

CATCHMENT AREA = 2.50ha FOR SEDIMENT RETENTION POND B

10m EXISTING WETLAND SETBACK

TOPSOIL STOCKPILE INDICATIVE AREA APPROX. VOL. = 6,000m³

CLEAN WATER DIVERSION

PROPOSED STABALISED CONSTRUCTION ENTRANCE

SEDIMENT RETENTION POND (SRP) C

10m EXISTING WETLAND SETBACK

CATCHMENT AREA = 2.50ha FOR SEDIMENT RETENTION POND C

PROPOSED STABALISED CONSTRUCTION ENTRANCE

TOPSOIL STOCKPILE INDICATIVE AREA APPROX. VOL. = 9,000m³

CATCHMENT AREA = 5.0 ha FOR SEDIMENT RETENTION POND A

EXISTING STABALISED ROAD

TOPSOIL STOCKPILE INDICATIVE AREA APPROX. VOL. = 4,700m³

TOPSOIL STOCKPILE INDICATIVE AREA APPROX. VOL. = 2,000m³

SEDIMENT RETENTION POND (SRP) A

SHEET 220.3

SHEET 220.4

1:1000 @ A1
1:2000 @ A3
0 10 20 30 40 50 60 70 80 90 100 m

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ISSUE	DATE	REVISION	CHKD	DRWN		NAME	DATE
G	16/03/26	FOR S127	NM	JS	SURVEYED	TERRA	-
					DESIGNED	GZ	02/04/24
					DRAWN	GZ	02/04/24
					TRACED		
					CHECKED	NM	02/04/24

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CLIENT: CARRACK CAPITAL LIMITED

PROJECT / LOCATION: 8-14, 17-19 BABICH ROAD, HENDERSON VALLEY, AUCKLAND

DRAWING TITLE: EROSION AND SEDIMENT CONTROL OVERALL PLAN

STAGE: FOR RESOURCE CONSENT

PROJECT NUMBER: 210506

SCALE: A1 1:1000, A3 1:2000

DWG NUMBER: RC- 220

REVISION: G

REVISION		
ISSUE	DATE	DETAIL
D	16/03/26	FOR S127

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026

LEGEND

- SUPER SILT FENCE
- CLEAN WATER DIVERSION BUND
- POND
- DIRTY WATER DIVERSION
- EARTHWORK EXTENT
- 10m WETLAND SETBACK
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- EXISTING STABILIZED ROAD

EMERGENCY SPILLWAY

SEDIMENT RETENTION POND(SRP) B
MIN STORAGE VOL = 750m³
DEAD STORAGE VOL = 225m³
LIVE STORAGE VOL = 525m³

CATCHMENT AREA = 2.50ha
FOR SEDIMENT RETENTION
POND B

TOPSOIL STOCKPILE
INDICATIVE AREA
APPROX. VOL. = 6,000m³

Lot 501 (Drainage) Reserve

Lot 500 6441m² (Drainage) Reserve

Lot 119 1250m²
Lot 118 1268m²
Lot 117 489m²
Lot 120 1948m²
Lot 121 1562m²
Lot 122 1153m²
Lot 127 807m²
Lot 126 466m²
Lot 125 484m²
Lot 124 459m²
Lot 123 681m²
Lot 103 1647m²
Lot 106 450m²
Lot 107 450m²
Lot 116 450m²
Lot 108 450m²
Lot 115 450m²
Lot 104 450m²
Lot 102 1259m²
Lot 109 450m²
Lot 114 450m²
Lot 110 450m²
Lot 101 1537m²
Lot 113 450m²
Lot 111 450m²
Lot 112 600m²
Lot 100 1789m²
Lot 99 2449m²
Lot 128 592m²
Lot 129 451m²
Lot 130 770m²
Lot 131 561m²
Lot 137 501m²
Lot 136 495m²
Lot 135 558m²
Lot 132 451m²
Lot 133 451m²
Lot 134 608m²
Lot 1 450m²
Lot 2 450m²
Lot 3 450m²
Lot 4 450m²
Lot 5 465m²
Lot 6 514m²
Lot 7 618m²
Lot 8 510m²
Lot 9 501m²
Lot 10 528m²
Lot 11 484m²
Lot 12 474m²
Lot 21 450m²
Lot 20 460m²
LOT 92 1254m²
LOT 93 1657m²
LOT 94 1438m²
LOT 95 1538m²
Lot 503 3700m²

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

STAGE
FOR RESOURCE CONSENT

PROJECT CONSULTANTS

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CLIENT
CARRACK CAPITAL LIMITED

PROJECT
BABICH RISE

LOCATION
8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE
EROSION AND SEDIMENT CONTROL
PLAN SHEET 1 OF 3

ORIENTATION

SCALE	A1	1:500
	A3	1:1000
DATE		01/05/2024
SURVEYED		
DESIGNED		GZ
DRAWN		GZ
CHECKED		GT

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC-220.2	D

Z:\Babich Road (8-14, 17-19) 230432\Civil Engineering\CAD Drawing\2. Working DWG\2. Resource Consent\S127 EW210506-RC220-EROSION AND SEDIMENT CONTROL PLAN.dwg, 220.2, 3/24/2026 10:21 am

TOPSOIL STOCKPILE
INDICATIVE AREA
APPROX. VOL. = 6,000m³

EMERGENCY SPILLWAY

SEDIMENT RETENTION POND (SRP) C
MIN STORAGE VOL = 750m³
DEAD STORAGE VOL = 225m³
LIVE STORAGE VOL = 525m³

CATCHMENT AREA = 2.50ha
FOR SEDIMENT RETENTION
POND C

TOPSOIL STOCKPILE
INDICATIVE AREA
APPROX. VOL. = 4,700m³

Lot 101 1537m²
Lot 110 450m²
Lot 113 450m²
Lot 111 450m²
Lot 112 600m²
Lot 100 1789m²
Lot 99 2449m²
Lot 509 6441m² (Drainage) Reserve
Lot 1 450m²
Lot 2 450m²
Lot 3 450m²
Lot 4 450m²
Lot 5 465m²
Lot 6 514m²
Lot 7 618m²
Lot 8 510m²
Lot 9 501m²
Lot 10 528m²
Lot 11 484m²
Lot 12 474m²
Lot 21 450m²
Lot 20 460m²
Lot 46 583m²
LOT 92 1254m²
LOT 93 1657m²
LOT 95 1538m²
LOT 94 1438m²
LOT 96 1925m²
Lot 503 3700m² Park Reserve
Lot 97 1416m²
Lot 98 2655m²
Lot 91 461m²
Lot 80 1293m²
Lot 82 482m²
Lot 79 1261m²
Lot 78 1253m²
Lot 81 457m²
Lot 77 1256m²

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

REVISION			
ISSUE	DATE	DETAIL	
D	16/03/26	FOR S127	

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026

LEGEND:

- SUPER SILT FENCE
- CLEAN WATER DIVERSION BUND
- POND
- DIRTY WATER DIVERSION
- EARTHWORK EXTENT
- 10m WETLAND SETBACK
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- EXISTING STABILIZED ROAD

STAGE

FOR RESOURCE CONSENT

PROJECT CONSULTANTS

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CLIENT

CARRACK CAPITAL LIMITED

PROJECT

BABICH RISE

LOCATION

8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE

EROSION AND SEDIMENT CONTROL
PLAN SHEET 2 OF 3

ORIENTATION

SCALE	A1	1:500
	A3	1:1000
DATE		01/05/2024
SURVEYED		
DESIGNED		GZ
DRAWN		GZ
CHECKED		GT

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC-220.3	D

Z:\Babich Road (8-14, 17-19) 230432\Civil Engineering\CAD Drawing\2. Working DWG\2. Resource Consent\S127 EW210506-RC220-EROSION AND SEDIMENT CONTROL PLAN.dwg, 220.3, 3/24/2026 10:22 am

TOPSOIL STOCKPILE
INDICATIVE AREA
APPROX. VOL. = 9,000m³

CATCHMENT AREA = 5.0 ha
FOR SEDIMENT RETENTION
POND A

EMERGENCY SPILLWAY

TOPSOIL STOCKPILE
INDICATIVE AREA
APPROX. VOL. = 4,700m³

TOPSOIL STOCKPILE
INDICATIVE AREA
APPROX. VOL. = 2,000m³

SEDIMENT RETENTION POND(SRP) A
MIN STORAGE VOL = 1500m³
DEAD STORAGE VOL = 450m³
LIVE STORAGE VOL = 1050m³

1:500 @A1
1:1000 @A3

0 5 10 15 20 25 30 35 40 45 50 m

REVISION			
ISSUE	DATE	DETAIL	
E	16/03/26	FOR S127	

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026

LEGEND:

- SUPER SILT FENCE
- CLEAN WATER DIVERSION BUND
- POND
- DIRTY WATER DIVERSION
- EARTHWORK EXTENT
- 10m WETLAND SETBACK
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- EXISTING STABILIZED ROAD

STAGE

FOR RESOURCE CONSENT

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CLIENT

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PROJECT

BABICH RISE

LOCATION

8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE

EROSION AND SEDIMENT CONTROL
PLAN SHEET 3 OF 3

ORIENTATION

SCALE	A1	1:500
	A3	1:1000
DATE		01/05/2024
SURVEYED		
DESIGNED		GZ
DRAWN		GZ
CHECKED		GT

PROJECT NUMBER	DWG NUMBER	REVISION
210506	RC-220.4	E

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Auckland Council

LUC60432513-C SUB60432514-D

Approved Resource Consent Plan

07/05/2026

BABICH ROAD

ROAD 1

ROAD 5

BABICH ROAD

COAL400

COAL401

COAL 2

RETAINING WALL 4
REFER TO RC 231

RETAINING WALL 5
REFER TO RC 232

RETAINING WALL 2
REFER TO RC 231

RETAINING WALL 3
REFER TO RC 231

RETAINING WALL 3.1
REFER TO RC 231

RETAINING WALL 6 - OAK TREE
REFER TO RC 231

Lot 116 450m²
Lot 115 450m²
Lot 114 450m²
Lot 113 450m²
Lot 112 600m²
Lot 108 450m²
Lot 109 450m²
Lot 110 450m²
Lot 111 450m²
Lot 105 450m²
Lot 104 450m²
Lot 101 1537m²
Lot 102 1259m²
Lot 140 828m²
Lot 99 2449m²
Lot 100 1799m²
Lot 98 2655m²
Lot 97 1416m²
Lot 96 1925m²
Lot 95 1538m²
Lot 94 1438m²
Lot 93 1657m²
Lot 92 1254m²
Lot 91 461m²
Lot 80 1293m²
Lot 82 492m²
Lot 81 457m²
Lot 79 1261m²
Lot 78 1253m²
Lot 77 1256m²
Lot 504 20771m²
Lot 505 3399m²
Lot 500 6441m² (Drainage) Reserve
Lot 503 3700m² Park Reserve
Lot 1 450m²
Lot 2 450m²
Lot 3 450m²
Lot 5 465m²
Lot 6 514m²
Lot 7 618m²
Lot 8 510m²
Lot 9 501m²
Lot 10 528m²
Lot 11 464m²
Lot 12 474m²
Lot 13 455m²
Lot 14 450m²
Lot 15 450m²
Lot 132 451m²
Lot 133 451m²
Lot 134 608m²
Lot 20 460m²
Lot 21 450m²
Lot 22 450m²
Lot 23 450m²
Lot 24 450m²
Lot 25 450m²
Lot 41 453m²
Lot 42 450m²
Lot 44 453m²
Lot 45 453m²
Lot 46 453m²
Lot 47 453m²
Lot 48 459m²
Lot 49 454m²
Lot 50 450m²
Lot 5 450m
Lot 138 485m²
Lot 56 456m²

ISSUE	DATE	REVISION	CHKD	DRWN		NAME	DATE
F	16/03/26	FOR S127	GT	JS	SURVEYED		
					DESIGNED		
					DRAWN		
					TRACED		
					CHECKED		

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CLIENT
CARRACK CAPITAL LIMITED

PROJECT / LOCATION
8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE
RETAINING WALL PLAN
SHEET 1 OF 2

STAGE
FOR RESOURCE CONSENT

PROJECT NUMBER
210506

SCALE
A1 1:500
A3 1:1000

DWG NUMBER
RC- 230

REVISION
F

Z:\Babich Road (8-14, 17-19) 230432\Civil Engineering\CAD Drawing\2. Working DWG\2. Resource Consent\S127 EW210506-RC230-RETAINING WALL PLANS.dwg, 230, 3/24/2026 4:56 pm

Auckland Council

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07/05/2026

RETAINING WALL 1
REFER TO RC 232

RETAINING WALL 3.1
REFER TO RC 231

RETAINING WALL 3
REFER TO RC 231

RETAINING WALL 2
REFER TO RC 231

RETAINING WALL 6 - OAK TREE
REFER TO RC 231

RETAINING WALL 7
REFER TO RC 231

ROAD 1

ROAD 2

ROAD 3

ROAD 4

ROAD 5

BABICH ROAD

Lot 5 465m²
Lot 6 514m²
Lot 7 618m²
Lot 8 510m²
Lot 9 501m²
Lot 10 528m²
Lot 11 464m²
Lot 12 474m²
Lot 13 455m²
Lot 14 450m²
Lot 15 450m²
Lot 16 450m²
Lot 17 450m²
Lot 18 450m²
Lot 19 450m²
Lot 20 460m²
Lot 21 450m²
Lot 22 450m²
Lot 23 450m²
Lot 24 450m²
Lot 25 450m²
Lot 26 451m²
Lot 27 454m²
Lot 28 450m²
Lot 29 450m²
Lot 30 450m²
Lot 31 450m²
Lot 32 450m²
Lot 33 450m²
Lot 34 450m²
Lot 35 451m²
Lot 36 450m²
Lot 37 450m²
Lot 38 450m²
Lot 39 451m²
Lot 40 451m²
Lot 41 453m²
Lot 42 450m²
Lot 44 453m²
Lot 45 453m²
Lot 46 453m²
Lot 47 453m²
Lot 48 459m²
Lot 49 454m²
Lot 50 450m²
Lot 51 450m²
Lot 52 450m²
Lot 53 451m²
Lot 54 450m²
Lot 55 450m²
Lot 56 456m²
Lot 57 463m²
Lot 59 450m²
Lot 60 450m²
Lot 61 450m²
Lot 62 450m²
Lot 63 450m²
Lot 64 450m²
Lot 65 450m²
Lot 66 450m²
Lot 67 459m²
Lot 68 450m²
Lot 69 450m²
Lot 70 450m²
Lot 71 450m²
Lot 72 450m²
Lot 73 450m²
Lot 74 450m²
Lot 75 451m²
Lot 76 451m²
Lot 138 485m²
Lot 141 469m²

ISSUE	DATE	REVISION	CHKD	DRWN
C	16/03/26	FOR S127	GT	JS

	NAME	DATE
SURVEYED		
DESIGNED		
DRAWN		
TRACED		
CHECKED		

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CLIENT
CARRACK CAPITAL LIMITED

PROJECT / LOCATION
8-14, 17-19 BABICH ROAD,
HENDERSON VALLEY, AUCKLAND

DRAWING TITLE
RETAINING WALL PLAN
SHEET 2 OF 2

STAGE
FOR RESOURCE CONSENT

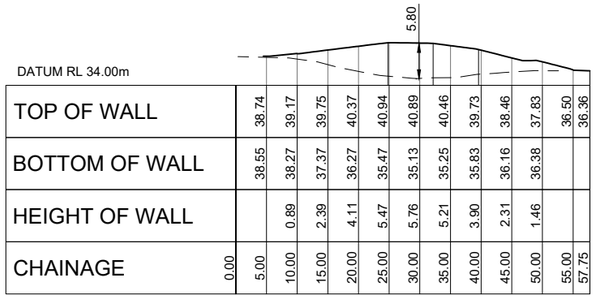
PROJECT NUMBER
210506

SCALE
A1 1:500
A3 1:1000

DWG NUMBER
RC- 230.1

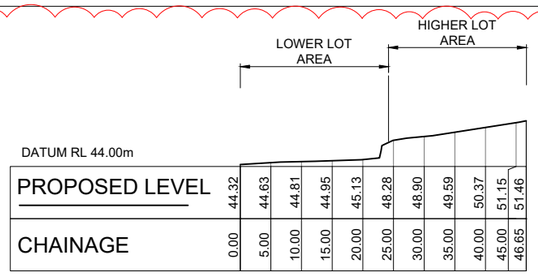
REVISION
C

Z:\Babich Road (8-14, 17-19) 230432\Civil Engineering\CAD Drawing\2. Working DWG\2. Resource Consent\S127 EW210506-RC230-RETAINING WALL PLANS.dwg, 23/04/2026 4:59 pm



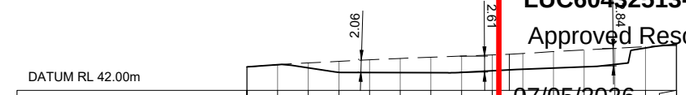
TOP OF WALL		38.74	39.17	39.75	40.37	40.94	40.89	40.46	39.73	38.46	37.83		36.50	36.36
BOTTOM OF WALL		38.55	38.27	37.37	36.27	35.47	35.13	35.25	35.83	36.16	36.38			
HEIGHT OF WALL			0.89	2.39	4.11	5.47	5.76	5.21	3.90	2.31	1.46			
CHAINAGE	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00		55.00	57.75

RETAINING WALL 1 LONGSECTION
CH: 0.00m TO CH: 57.75m
1:500H 1:500V @ A1 (DOUBLE FOR A3)



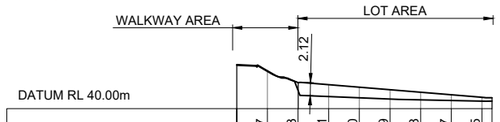
PROPOSED LEVEL	44.32	44.63	44.81	44.95	45.13	48.28	48.90	49.59	50.37	51.15	51.46	
CHAINAGE	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	46.65	

RETAINING WALL 3 (2 STEP WALL)
TYPICAL CROSS SECTION



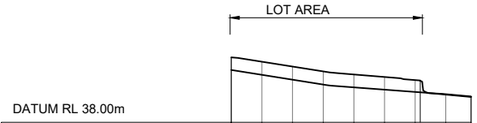
TOP OF WALL	45.81	46.18	46.48	46.74	47.00	47.21	47.41	47.59	47.78	48.00	48.33	48.66	48.97	49.13	49.31	49.31												
BOTTOM OF WALL	45.83	46.20	45.68	44.94	44.91	44.90	44.89	44.93	45.20	45.45	45.64	45.84	46.24	48.91	49.51	49.52												
HEIGHT OF WALL	-0.02	-0.02	0.80	1.80	2.09	2.31	2.52	2.67	2.58	2.57	2.69	2.76	2.63	0.22	-0.20	-0.21												
CHAINAGE	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00	70.00	70.07												

RETAINING WALL 2 LONGSECTION
CH: 0.00m TO CH: 70.07m
1:500H 1:500V @ A1 (DOUBLE FOR A3)



TOP OF WALL		46.07	44.23	43.91	43.50	43.09	42.68	42.27	41.85	
BOTTOM OF WALL		46.17	**42.89**	41.97	41.77	41.57	41.43	41.32	41.21	
HEIGHT OF WALL		-0.10	1.24	1.94	1.73	1.52	1.24	0.94	0.64	
CHAINAGE	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	41.65

RETAINING WALL 3.1 LONGSECTION
CH: 0.00m TO CH: 41.65m
1:500H 1:500V @ A1 (DOUBLE FOR A3)



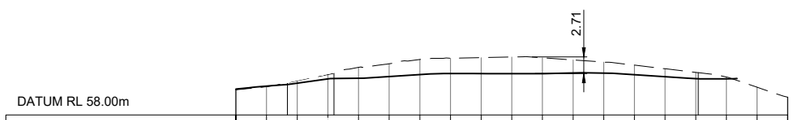
TOP OF WALL	48.59	47.89	47.10	46.31	45.79	45.39	44.89	42.59	42.21	
BOTTOM OF WALL	46.53	45.74	44.95	44.15	43.69	43.33	42.96	42.52	42.13	
HEIGHT OF WALL	2.06	2.15	2.15	2.16	2.10	2.06	1.93	0.07	0.08	
CHAINAGE	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	39.12	

RETAINING WALL 3 LONGSECTION
CH: 0.00m TO CH: 39.12m
1:500H 1:500V @ A1 (DOUBLE FOR A3)



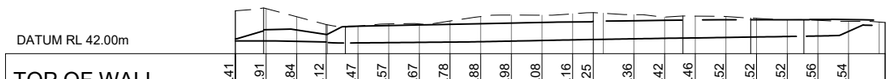
TOP OF WALL	62.30	62.12	62.11	63.38	64.54	64.02	63.51	63.00	62.49	61.97	61.46	60.95	59.36	59.08	59.78													
BOT OF WALL	61.98	60.12	60.33	61.80	63.42	63.16	62.81	62.44	62.03	61.54	61.05	60.60	59.36	59.10	59.01	59.35												
CUT (-) / FILL (+)	0.32	2.00	1.79	1.59	1.12	0.86	0.70	0.56	0.46	0.43	0.41	0.34	0.00	-0.01	0.78													
CHAINAGE	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00	70.00	73.91												

RET WALL 6 - OAK TREE LONGSECTION
CH: 0.00m TO CH: 58.28m
1:500H 1:500V @ A1 (DOUBLE FOR A3)



TOP OF WALL	60.95	61.50	63.42	63.67	65.76	66.34	67.05	67.24	67.34	67.45	67.31	66.96	66.62	66.12	65.53	64.94	64.18	62.52	60.90	
BOTTOM OF WALL	62.22	62.70	63.19	63.87	63.99	64.26	64.58	64.76	64.75	64.74	64.74	64.85	64.82	64.57	64.24	63.92	63.88			
HEIGHT OF WALL	0.00	0.00	0.4	0.76	-1.77	-2.08	-2.46	-2.48	-2.59	-2.71	-2.57	-2.12	-1.79	-1.55	-1.29	-1.02	-0.29			
CHAINAGE	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00	

RETAINING WALL 4 LONGSECTION
CH: 0.00m TO CH: 90.00m
1:500H 1:500V @ A1 (DOUBLE FOR A3)



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