



PAPAKURA-CLEVEDON ROAD

144 PAPAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

STAGE 1
BALANCE LOT

STAGE 1

STAGE 2

STAGE 3

73R MONUMENT ROAD

107 MONUMENT ROAD
LOT 1 DP 90733

190 PAPAKURA-CLEVEDON ROAD
PT ALLT 2 PARO WAIROA, PT ALLT 21 PARO WAIROA

STAGE 1

RESIDENTIAL LOTS: 1 - 87, 89-117, 229
JOINT OWNED ACCESS LOTS: 500
ROAD TO BE VESTED WITH AUCKLAND COUNCIL: 2001
STORM WATER RESERVE LOT: 3000
BALANCE LOTS: 1000, 8000

STAGE 2

RESIDENTIAL LOTS: 118 - 160, 212 - 228
PARK RESERVE LOT: 5000
ROAD TO BE VESTED WITH AUCKLAND COUNCIL: 2002
FUTURE DEVELOPMENT LOTS: 1001 - 1004
BALANCE LOTS: 8001

STAGE 3

RESIDENTIAL LOTS: 161 - 211
ROAD TO BE VESTED WITH AUCKLAND COUNCIL: 300, 2003
STORM WATER RESERVE LOT: 4000
FUTURE DEVELOPMENT LOTS: 1005 - 1006

- Notes
1. All works to be in accordance with Auckland council standards.
 2. Co-ordinates in terms of NZ Geodetic Datum Mt Eden 2000
 3. Boundaries are subject to final survey.

Legend

- EX BDY
- PR BDY
- EASEMENT
- STAGING BOUNDARY



BUN60399307
Approved Resource Consent Plan
01/09/2023

I	S92 RFI	ML	05/2023
H	S92 RFI	ML	03/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	03/2023
Rev	Description	By	Date
	By	Date	
Survey	-	-	
Design	RK	03/22	
Drawn	RK	03/22	
Checked	MH	03/22	



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Project
**62, 78 & 80 PAPAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
SCHEME PLAN
STAGES 1 - 3 OVERVIEW**

Project no.	194006		
Scale	1:5000@ A3		
Cad file	C150 - SCHEME.DWG		
Drawing no.	C150	Rev	I



STAGE 1

RESIDENTIAL LOTS: 1 - 87, 89 - 117, 229
JOINT OWNED ACCESS LOTS: 500
ROAD TO BE VESTED WITH AUCKLAND COUNCIL: 2001
STORM WATER RESERVE LOT: 3000
BALANCE LOT: 8000

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CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
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Title
**PROPOSED
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STAGE 1 OVERVIEW**

Project no.	194006		
Scale	1:5000@ A3		
Cad file	C150 - SCHEME.DWG		
Drawing no.	STG_1-C150	Rev	I

144 PAKAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

REFER DRAWING
STG_1-C154

REFER DRAWING
STG_1-C153

REFER DRAWING
STG_1-C152

REFER DRAWING
STG_1-C151

BALANCE LOT
(STAGE 1)

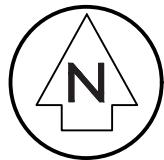
STAGE 1

BALANCE LOT

73R MONUMENT ROAD

107 MONUMENT ROAD
LOT 1 DP 90733

190 PAKAKURA-CLEVEDON ROAD
PT ALLT 2 PARO WAIROA, PT ALLT 21 PARO WAIROA



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Legend

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- PR BDY
- EASEMENT
- 8 x 15 SHAPE FACTOR

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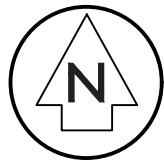
Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
SCHEME PLAN
STAGE 1**

Project no.	194006
Scale	1:1000@ A3
Cad file	C150 - SCHEME.DWG
Drawing no.	STG_1-C151
Rev	I

144 PAPAURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

DATE: 5/9/23



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LOT 3000
18106m²
VESTING ON DEPOSIT FOR A
DRAINAGE RESERVE IN
AUCKLAND COUNCIL

VESTING ON DEPOSIT FOR
ROAD IN AUCKLAND COUNCIL

VESTING ON DEPOSIT FOR
ROAD IN AUCKLAND COUNCIL

ROAD 2001
32816m²

VESTING ON DEPOSIT FOR
ROAD IN AUCKLAND COUNCIL

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--- PR BDY
--- EASEMENT
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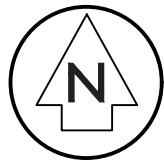
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CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
SCHEME PLAN
STAGE 1**

Project no.	194006
Scale	1:1000@ A3
Cad file	C150 - SCHEME.DWG
Drawing no.	STG_1-C152
Rev	I



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PROPERTIES LTD**

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STAGE 1**

Project no.	194006
Scale	1:1000@ A3
Cad file	C150 - SCHEME.DWG
Drawing no.	STG_1-C153
Rev	I

144 PAKAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

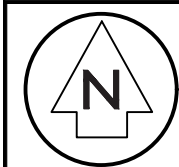
LOT 8000
186690m²
(BALANCE LOT)



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144 PAKAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

LOT 8000
186690m²
(BALANCE LOT)

73R MONUMENT ROAD

107 MONUMENT ROAD
LOT 1 DP 90733

190 PAKAKURA-CLEVEDON ROAD
PT ALLT 2 PARO WAIROA, PT ALLT 21 PARO WAIROA

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PR BDY

EASEMENT

8 x 15 SHAPE FACTOR

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FOR CLEVEDON
PROPERTIES LTD**

Title

**PROPOSED
SCHEME PLAN
STAGE 1**

Project no.	194006		
Scale	1:2500@ A3		
Cad file	C150 - SCHEME.DWG		
Drawing no.	STG_1-C154	Rev	I

BUN60399307
Approved Resource Consent Plan
01/09/2023



STAGE 2

SUBDIVISION OF LOT 8000 (STAGE 1 BALANCE LOT)
RESIDENTIAL LOTS: 118 - 160, 212 - 228
PARK RESERVE LOT: 5000
ROAD TO BE VESTED WITH AUCKLAND COUNCIL: 2002
FUTURE DEVELOPMENT LOTS: 1001 - 1004
BALANCE LOT: 8001

- Notes
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FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
SCHEME PLAN
STAGE 2 OVERVIEW**

Project no.	194006
Scale	1:5000@ A3
Cad file	C150 - SCHEME.DWG
Drawing no.	STG_2-C150
Rev	I



144 PAKAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

DATE: 5/2/23

Notes

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FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
SCHEME PLAN
STAGE 2**

Project no.	194006
Scale	1:1000@ A3
Cad file	C150 - SCHEME.DWG
Drawing no.	STG_2-C151
Rev	I



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**62, 78 & 80 PAPA KURA -
CLEVEDON ROAD,
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FOR CLEVEDON
PROPERTIES LTD**

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SCHEME PLAN
STAGE 2**

Project no.	194006		
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Cad file	C150 - SCHEME.DWG		
Drawing no.	STG_2-C152	Rev	I



LOT 8001
96447m²
(BALANCE LOT)

73R MONUMENT ROAD

107 MONUMENT ROAD
LOT 1 DP 90733

190 PAPAKURA-CLEVEDON ROAD
PT ALLT 2 PARO WAIROA, PT ALLT 21 PARO WAIROA



BUN60399307

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01/09/2023

Notes

- Legend

----- EX BDY

_____ PR BDY

— — — — — EASEMENT



8 x 15 SHAPE FACTOR

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Project	
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**62, 78 & 80 PAPAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

	Title
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PROPOSED SCHEME PLAN STAGE 2

Project no.	194006		
Scale	1:1500@ A3		
Cad file	C150 - SCHEME.DWG		
Drawing no.	STG_2-C153	Rev	I



BUN60399307
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STAGE 3
SUBDIVISION OF LOT 8001 (STAGE 2 BALANCE LOT)
RESIDENTIAL LOTS: 161 - 211
ROAD TO BE VESTED WITH AUCKLAND COUNCIL: 300, 2003
STORM WATER RESERVE LOT: 4000
FUTURE DEVELOPMENT LOTS: 1005 - 1006

- Notes
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CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
SCHEME PLAN
STAGE 3 OVERVIEW**

Project no.	194006
Scale	1:5000@ A3
Cad file	C150 - SCHEME.DWG
Drawing no.	STG_3-C150
Rev	I



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Auckland Council

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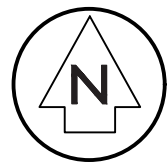
Project

62, 78 & 80 PAPAURA - CLEVEDON ROAD, CLEVEDON, AUCKLAND FOR CLEVEDON PROPERTIES LTD

Title

PROPOSED SCHEME PLAN STAGE 3

Project no.	194006		
Scale	1:1000@ A3		
Cad file	C150 - SCHEME.DWG		
Drawing no.	STG_3-C151	Rev	I



144 PAKAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

LOT 4000
10820m²
VESTING ON DEPOSIT FOR A
LOCAL (DRAINAGE) RESERVE
IN AUCKLAND COUNCIL

PLANTING PROTECTION
COVENANT AREA



Notes

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**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
SCHEME PLAN
STAGE 3**

Project no.	194006
Scale	1:1000@ A3
Cad file	C150 - SCHEME.DWG
Drawing no.	STG_3-C152
Rev	I

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190 PAKAKURA-CLEVEDON ROAD
PT ALLT 2 PARO WAIROA, PT ALLT 21 PARO WAIROA



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MEMORANDUM OF EASEMENTS IN GROSS			
PURPOSE	SHOWN	BURDENED LAND	BENEFITED LAND
DRAINAGE	A	LOT 31	AUCKLAND COUNCIL
	B	LOT 30	
	C	LOT 29	
	D	LOT 23	
	E	LOT 22	
	J	LOT 209	
	K	LOT 179	
	L	LOT 182	
RIGHT OF WAY (PEDESTRIAN ONLY)	F	LOT 179	AUCKLAND COUNCIL
	G	LOT 180	
	H	LOT 181	
	I	LOT 182	

PROPOSED COVENANT AREA		
SHOWN	BURDENED LAND	AREA (m²)
X	LOT 209	85
Y	LOT 210	90
Z	LOT 211	164

SCHEDULE OF EASEMENTS IN GROSS			
PURPOSE	SHOWN	BURDENED LAND	GRANTEE
RIGHT TO CONVEY ELECTRICITY	AA	LOT 3000 HEREON	VECTOR LIMITED
	AB	LOT 58 HEREON	
	AC	LOT 137 HEREON	
	AD	LOT 200 HEREON	

AMALGAMATION CONDITIONS

1. THAT LOT 500 HEREON (LEGAL ACCESS) BE HELD AS TO TWO UNDIVIDED ONE-SECOND SHARES BY THE OWNERS OF LOTS 55 AND 229 HEREON AS TENANTS IN COMMON IN THE SAID SHARES AND THAT INDIVIDUAL RECORDS OF TITLE BE ISSUED IN ACCORDANCE THEREWITH.

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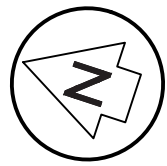
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CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
SCHEME PLAN
STAGES 1 - 3**

Project no.	194006		
Scale	N/A		
Cad file	C150 - SCHEME.DWG		
Drawing no.	C152	Rev	I



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10. Pram crossings are to be flush to the channel with no lip.
11. All kerb and channel to have sawcuts at max. 4m centres.
12. All kerbing, channels and edge beams shall have 4kg black oxide.
13. All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.
14. All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
15. All line markings to be reflectorised in accordance with MOTSAM standards.
16. The minimum vertical and lateral clearances for signage shall be in accordance with MOTSAM standards.
17. Street lighting shall be designed in accordance with all applicable New Zealand Standards including but not restricted to the current version of AS/NZS 1158 Lighting for Roads and Public Spaces series of standards.
18. All new, modified or upgraded pram crossings must be in accordance with RTS 14 Guidelines for Facilities for Blind and Vision-impaired Pedestrians and NZS/AS 1428.4 and must comply with the details provided in AT's Standard Plan No.FP006.
19. Field and laboratory testing of subgrade to be undertaken at 10m interval staggered in both lanes, in order to determine an appropriate CBR and pavement depth for construction to achieve the required deflections tests on top of the basecourse. Acceptance criteria for Benkelman Beam requirements on finished basecourse level as per ATCoP Table 52 is also to be provided.

- STAGE 1
STAGE 2
STAGE 3
STAGE 4

- Notes
1. All works to be in accordance with Auckland Council standards.
 2. Contractor is to avoid using GPS for set out of the kerb levels where gradients less than 1%.
 3. It is the contractors responsibility to locate all services that may be affected by his operations.
 4. The contractor shall comply with all relevant Health and Safety requirements.
 5. The contractor shall obtain all necessary approval from utility operators before commencing work under or near their services.
 6. Final pavement design subject to CBR/Beam tests on subgrade material.
 7. Setout schedule with co-ordinates of chainage points along road centreline to be supplied to the contractor prior to construction.
 8. Refer to long section for finished centreline levels. Refer to typical cross sections to obtain levels for other locations
 9. All ducts shall have locations marked on kerb lines in accordance with specification.

- Line Marking
- EX BDY
PROP BDY
CENTER LINE 1- WC100R (30m)
CENTER LINE 2- WC100R
NO STOPPING LINE- Y1100R1x1
LIMIT LINE- WC300R
- Legend
- AC K&C
AC PAVING
KERB AND CHANNEL
PR ROAD SIGN
PR TACTILE PAVERS
PR SPEED HUMP / CUSHION
PR STREET LIGHT
PR BERM
POND MAINTENANCE TRACK (GAP65)
PR CONCRETE FOOTPATH (BRUSHED CONC)
PR ASPHALT ROAD
PR SWALE
PR BRIDLE PATH

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F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	



Project
62, 78 & 80 PAPA KURA - CLEVEDON ROAD, CLEVEDON, AUCKLAND FOR CLEVEDON PROPERTIES LTD

Title
PROPOSED ROADING OVERVIEW PLAN

Project no.	194006		
Scale	1:5000@ A3		
Cad file	C300- ROADING.DWG		
Drawing no.	C300	Rev	H

107 MONUMENT ROAD
LOT 1 DP 90733

190 PAPA KURA-CLEVEDON ROAD, PT ALLT 2 PARO WAIROA, PT ALLT 21 PARO WAIROA

144 PAPA KURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

PROPOSED INDICATIVE ROAD TO BE DESIGNED AT FUTURE STAGE

REFER DRAWING C302

REFER DRAWING C302A

REFER DRAWING C302C

REFER DRAWING C302B

REFER DRAWING C301

PAPA KURA-CLEVEDON ROAD

RESOURCE CONSENT

DATE: 4/2/23



10. Pram crossings are to be flush to the channel with no lip.
11. All kerb and channel to have sawcuts at max. 4m centres.
12. All kerbing, channels and edge beams shall have 4kg black oxide.
13. All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.
14. All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
15. All line markings to be reflectorised in accordance with MOTSAM standards.
16. The minimum vertical and lateral clearances for signage shall be in accordance with MOTSAM standards.
17. Street lighting shall be designed in accordance with all applicable New Zealand Standards including but not restricted to the current version of AS/NZS 1158 Lighting for Roads and Public Spaces series of standards.
18. All new, modified or upgraded pram crossings must be in accordance with RTS 14 Guidelines for Facilities for Blind and Vision-impaired Pedestrians and NZS/AS 1428.4 and must comply with the details provided in AT's Standard Plan No.FP006.
19. Field and laboratory testing of subgrade to be undertaken at 10m interval staggered in both lanes, in order to determine an appropriate CBR and pavement depth for construction to achieve the required deflections tests on top of the basecourse. Acceptance criteria for Benkelman Beam requirements on finished basecourse level as per ATCoP Table 52 is also to be provided.

- Notes
1. All works to be in accordance with Auckland Council standards.
 2. Contractor is to avoid using GPS for set out of the kerb levels where gradients less than 1%.
 3. It is the contractors responsibility to locate all services that may be affected by his operations.
 4. The contractor shall comply with all relevant Health and Safety requirements.
 5. The contractor shall obtain all necessary approval from utility operators before commencing work under or near their services.
 6. Final pavement design subject to CBR/Beam tests on subgrade material.
 7. Setout schedule with co-ordinates of chainage points along road centreline to be supplied to the contractor prior to construction.
 8. Refer to long section for finished centreline levels. Refer to typical cross sections to obtain levels for other locations
 9. All ducts shall have locations marked on kerb lines in accordance with specification.

Line Marking

---	EX BDY
---	PROP BDY
---	WC100R (30m)
---	WC100R
---	Y1100R1x1
---	WC300R

Legend

AC	AC PAVING
K&C	KERB AND CHANNEL
PR ROAD SIGN	PR ROAD SIGN
PR TACTILE PAVERS	PR TACTILE PAVERS
PR SPEED HUMP / CUSHION	PR SPEED HUMP / CUSHION
PR STREET LIGHT	PR STREET LIGHT
PR BERM	PR BERM
POND MAINTENANCE TRACK (GAP65)	POND MAINTENANCE TRACK (GAP65)
PR CONCRETE FOOTPATH (BRUSHED CONC)	PR CONCRETE FOOTPATH (BRUSHED CONC)
PR ASPHALT ROAD	PR ASPHALT ROAD
PR SWALE	PR SWALE
PR BRIDLE PATH	PR BRIDLE PATH

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	

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Auckland 1023

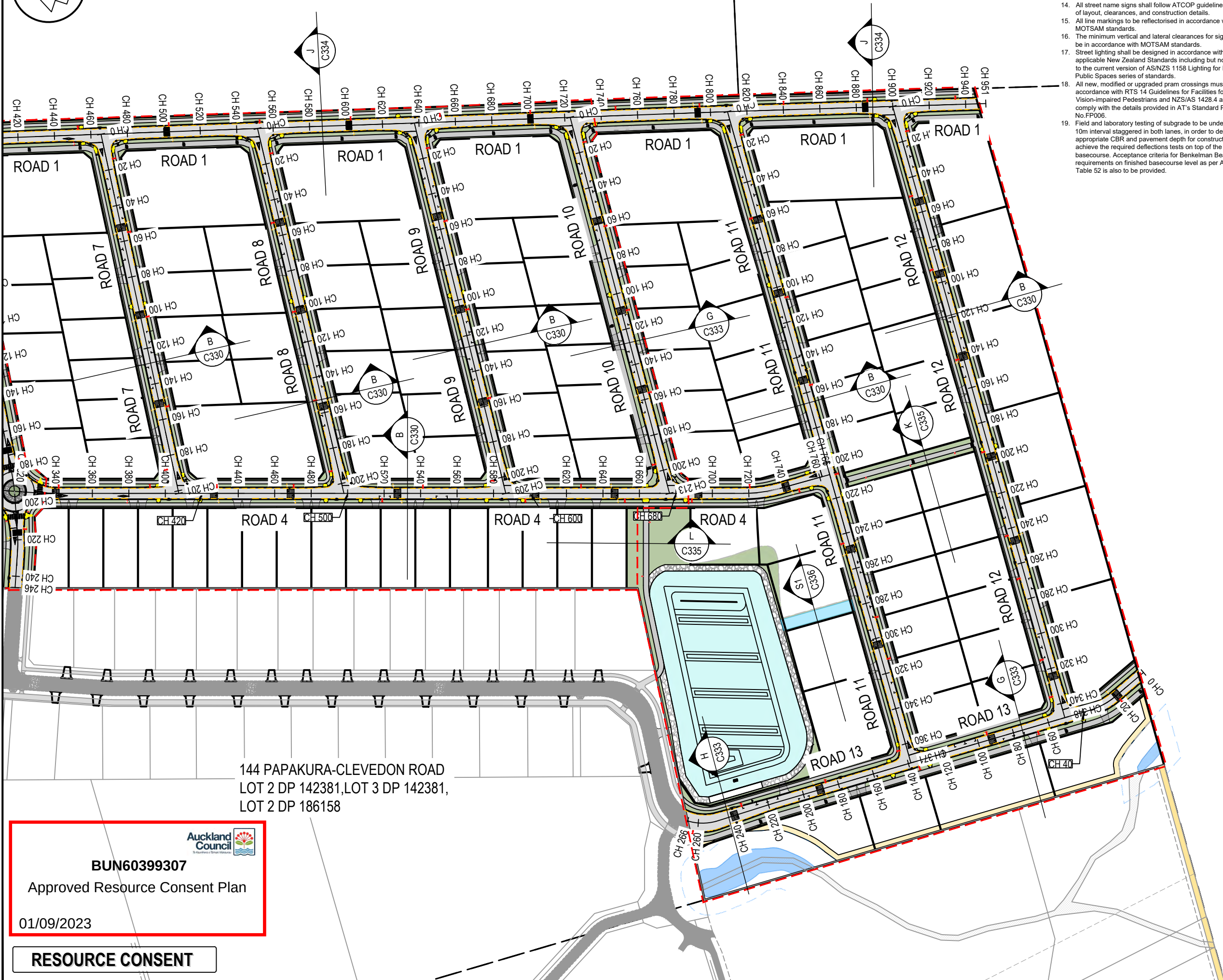
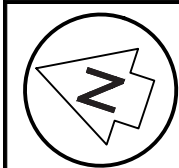
Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title PROPOSED ROADING PLAN	
Project no.	194006
Scale	1:2000@ A3
Cad file	C300- ROADING.DWG
Drawing no.	C301
Rev	H

Auckland Council
BUN60399307
Approved Resource Consent Plan
01/09/2023

RESOURCE CONSENT

144 PAKAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158



10. Pram crossings are to be flush to the channel with no lip.
11. All kerb and channel to have sawcuts at max. 4m centres.
12. All kerbing, channels and edge beams shall have 4kg black oxide.
13. All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.
14. All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
15. All line markings to be reflectorised in accordance with MOTSAM standards.
16. The minimum vertical and lateral clearances for signage shall be in accordance with MOTSAM standards.
17. Street lighting shall be designed in accordance with all applicable New Zealand Standards including but not restricted to the current version of AS/NZS 1158 Lighting for Roads and Public Spaces series of standards.
18. All new, modified or upgraded pram crossings must be in accordance with RTS 14 Guidelines for Facilities for Blind and Vision-impaired Pedestrians and NZS/AS 1428.4 and must comply with the details provided in AT's Standard Plan No.FP006.
19. Field and laboratory testing of subgrade to be undertaken at 10m interval staggered in both lanes, in order to determine an appropriate CBR and pavement depth for construction to achieve the required deflections tests on top of the basecourse. Acceptance criteria for Benkelman Beam requirements on finished basecourse level as per ATCoP Table 52 is also to be provided.

- Notes
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 8. Refer to long section for finished centreline levels. Refer to typical cross sections to obtain levels for other locations
 9. All ducts shall have locations marked on kerb lines in accordance with specification.

Line Marking

---	EX BDY
---	PROP BDY
---	WC100R (30m)
---	WC100R
---	Y1100R1x1
---	WC300R

Legend

AC	AC PAVING
K&C	KERB AND CHANNEL
PR	PR ROAD SIGN
PR	PR TACTILE PAVERS
PR	PR SPEED HUMP / CUSHION
PR	PR STREET LIGHT
PR	PR BERM
PR	POND MAINTENANCE TRACK (GAP65)
PR	PR CONCRETE FOOTPATH (BRUSHED CONC)
PR	PR ASPHALT ROAD
PR	PR SWALE
PR	PR BRIDLE PATH

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	

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Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

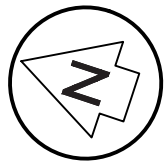
Title
**PROPOSED
ROADING
PLAN**

Project no.	194006
Scale	1:2000@ A3
Cad file	C300- ROADING.DWG
Drawing no.	C302
Rev	H

144 PAKAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

Auckland Council
BUN60399307
Approved Resource Consent Plan
01/09/2023

RESOURCE CONSENT



BUN60399307

Approved Resource Consent Plan

01/09/2023

INDICATIVE FUTURE
ROAD TO CLEVEDON
SHOWGROUNDS

10. Pram crossings are to be flush to the channel with no lip.
11. All kerb and channel to have sawcuts at max. 4m centres.
12. All kerbing, channels and edge beams shall have 4kg black oxide.
13. All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.
14. All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
15. All line markings to be reflectorised in accordance with MOTSAM standards.
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18. All new, modified or upgraded pram crossings must be in accordance with RTS 14 Guidelines for Facilities for Blind and Vision-impaired Pedestrians and NZS/AS 1428.4 and must comply with the details provided in AT's Standard Plan No.FP006.
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- Notes
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 2. Contractor is to avoid using GPS for set out of the kerb levels where gradients less than 1%.
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 8. Refer to long section for finished centreline levels. Refer to typical cross sections to obtain levels for other locations
 9. All ducts shall have locations marked on kerb lines in accordance with specification.

Line Marking	
---	EX BDY
---	PROP BDY
---	WC100R (30m)
---	WC100R
---	Y1100R1x1
---	WC300R

Legend	
AC K&C	AC PAVING
PR ROAD SIGN	KERB AND CHANNEL
PR TACTILE PAVERS	PR ROAD SIGN
PR SPEED HUMP / CUSHION	PR TACTILE PAVERS
PR STREET LIGHT	PR SPEED HUMP / CUSHION
PR BERM	PR STREET LIGHT
POND MAINTENANCE TRACK (GAP65)	PR BERM
PR CONCRETE FOOTPATH (BRUSHED CONC)	POND MAINTENANCE TRACK (GAP65)
PR ASPHALT ROAD	PR CONCRETE FOOTPATH (BRUSHED CONC)
PR SWALE	PR ASPHALT ROAD
PR BRIDLE PATH	PR SWALE

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	



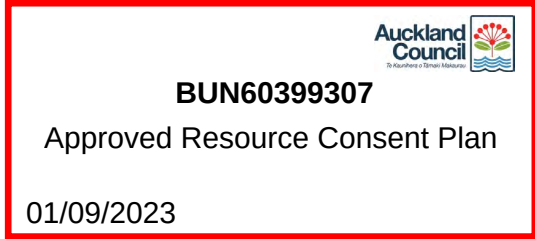
Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROAD 1 / ROAD 6
INTERSECTION PLAN**

Project no.	194006
Scale	1:200@ A3
Cad file	C300- ROADING.DWG
Drawing no.	C302A
Rev	H

DATE: 4/5/23

RESOURCE CONSENT



10. Pram crossings are to be flush to the channel with no lip.
11. All kerb and channel to have sawcuts at max. 4m centres.
12. All kerbing, channels and edge beams shall have 4kg black oxide.
13. All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.
14. All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
15. All line markings to be re-factorised in accordance with MOTSAM standards.
16. The minimum vertical and lateral clearances for signage shall be in accordance with MOTSAM standards.
17. Street lighting shall be designed in accordance with all applicable New Zealand Standards including but not restricted to the current version of AS/NZS 1158 Lighting for Roads and Public Spaces series of standards.
18. All new, modified or upgraded pram crossings must be in accordance with RTS 14 Guidelines for Facilities for Blind and Vision-impaired Pedestrians and NZS/AS 1428.4 and must comply with the details provided in AT's Standard Plan No. FP0066.
19. Field and laboratory testing of subgrade to be undertaken at 10m interval staggered in both lanes, in order to determine an appropriate CBR and pavement depth for construction to achieve the required deflections tests on top of the basecourse. Acceptance criteria for Benkelman Beam requirements on finished basecourse level as per ATCoP Table 52 is also to be provided.

- | Notes | |
|-------|--|
| 1. | All works to be in accordance with Auckland Council standards. |
| 2. | Contractor is to avoid using GPS for set out of the kerb levels where gradients less than 1%. |
| 3. | It is the contractors responsibility to locate all services that may be affected by his operations. |
| 4. | The contractor shall comply with all relevant Health and Safety requirements. |
| 5. | The contractor shall obtain all necessary approval from utility operators before commencing work under or near their services. |
| 6. | Final pavement design subject to CBR/Beam tests on subgrade material. |
| 7. | Setout schedule with co-ordinates of chainage points along road centreline to be supplied to the contractor prior to construction. |
| 8. | Refer to long section for finished centreline levels. Refer to typical cross sections to obtain levels for other locations |
| 9. | All ducts shall have locations marked on kerb lines in accordance with specification. |

Line Marking

---	EX BDY
---	PROP BDY
CENTER LINE 1-	WC100R (30m)
CENTER LINE 2-	WC100R
NO STOPPING LINE-	Y1100R1x1
LIMIT LINE-	WC300R

Legend

Legend	
AC	AC PAVING
K&C	KERB AND CHANNEL
	PR ROAD SIGN
	PR TACTILE PAVERS
	PR SPEED HUMP / CUSHION
	PR STREET LIGHT
	PR BERM
	POND MAINTENANCE TRACK (GAP65)
	PR CONCRETE FOOTPATH (BRUSHED CONC)
	PR ASPHALT ROAD
	PR SWALE
	PR BRIDLE PATH

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
	By	Date	
Survey	-	-	
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	



Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
ROUNDAABOUT PLAN**

Project no.	194006		
Scale	1:200@ A3		
Cad file	C300- ROADING.DWG		
Drawing no.	C302B	Rev	H

REFER TO TDM IS0007 FOR KERB PROFILES FOR
OVER-RUN APRONS AND CENTRE ISLAND KERB PROFILE

RESOURCE CONSENT

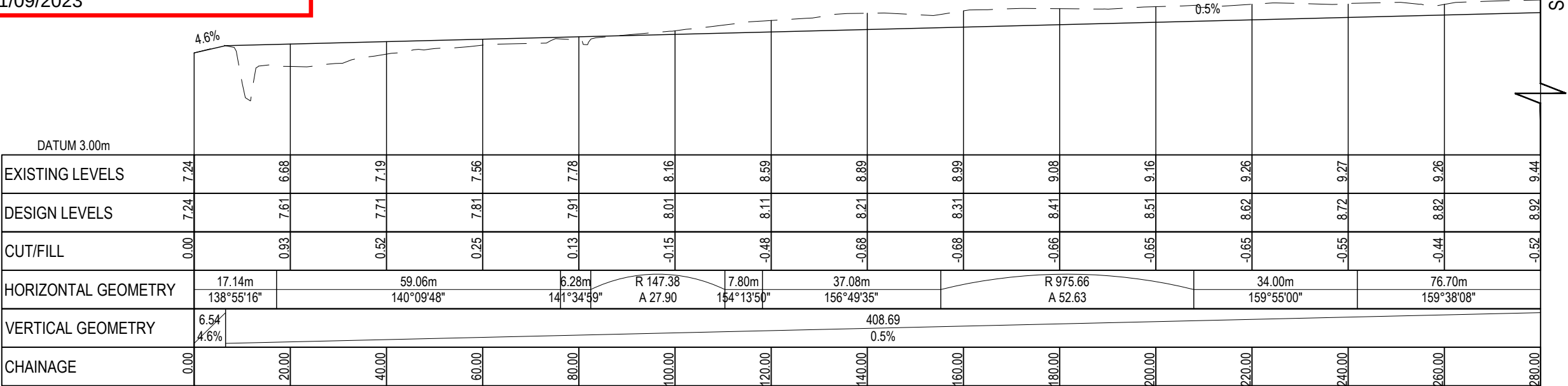
ATE: 421723



BUN60399307

Approved Resource Consent Plan

01/09/2023



ROAD 1 (1 OF 4)
SCALE: HORI 1:1000 VERT 1:200

SEE LS BELOW

- Notes
1. All works to be in accordance with Auckland Council standards.
 2. Contractor is to avoid using GPS for set out of the kerb levels where gradients less than 1%.
 3. It is the contractors responsibility to locate all services that may be affected by his operations.
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Legend
--- EX GL
--- PROP FL

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	



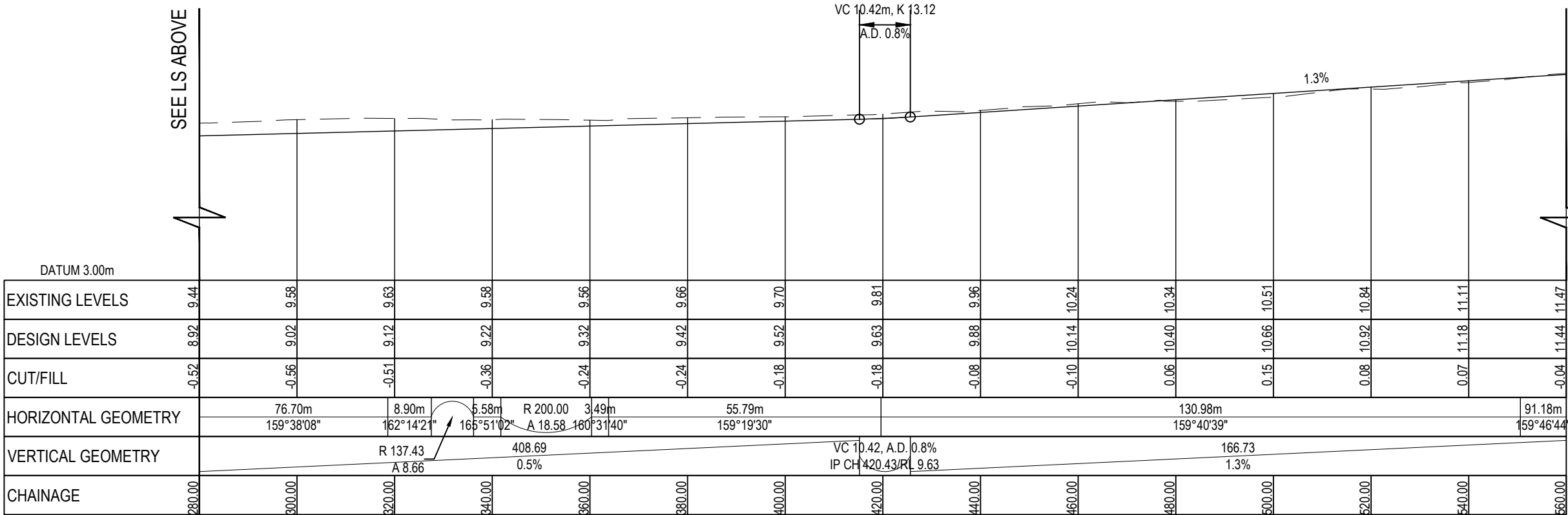
Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
LONGSECTION**

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C310	Rev	H

SEE LS ABOVE

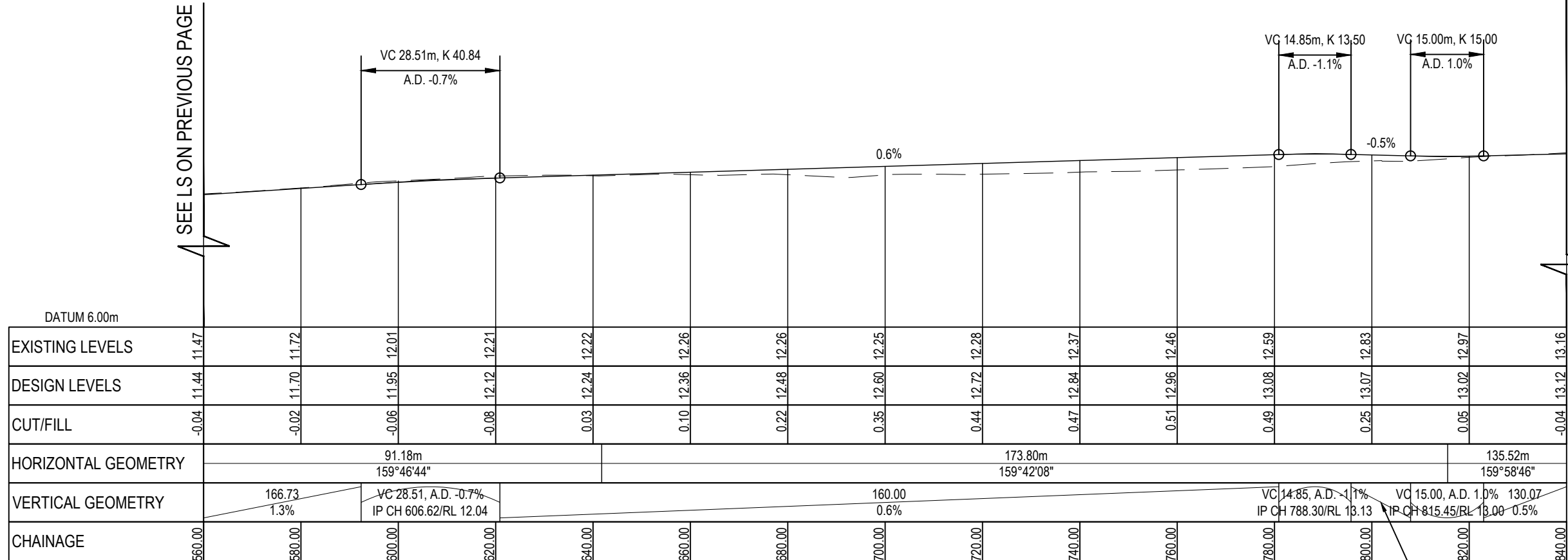
SEE LS ON NEXT PAGE



ROAD 1 (2 OF 4)
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

SEE LS ON PREVIOUS PAGE



ROAD 1 (3 OF 4)
SCALE: HORI 1:1000 VERT 1:200

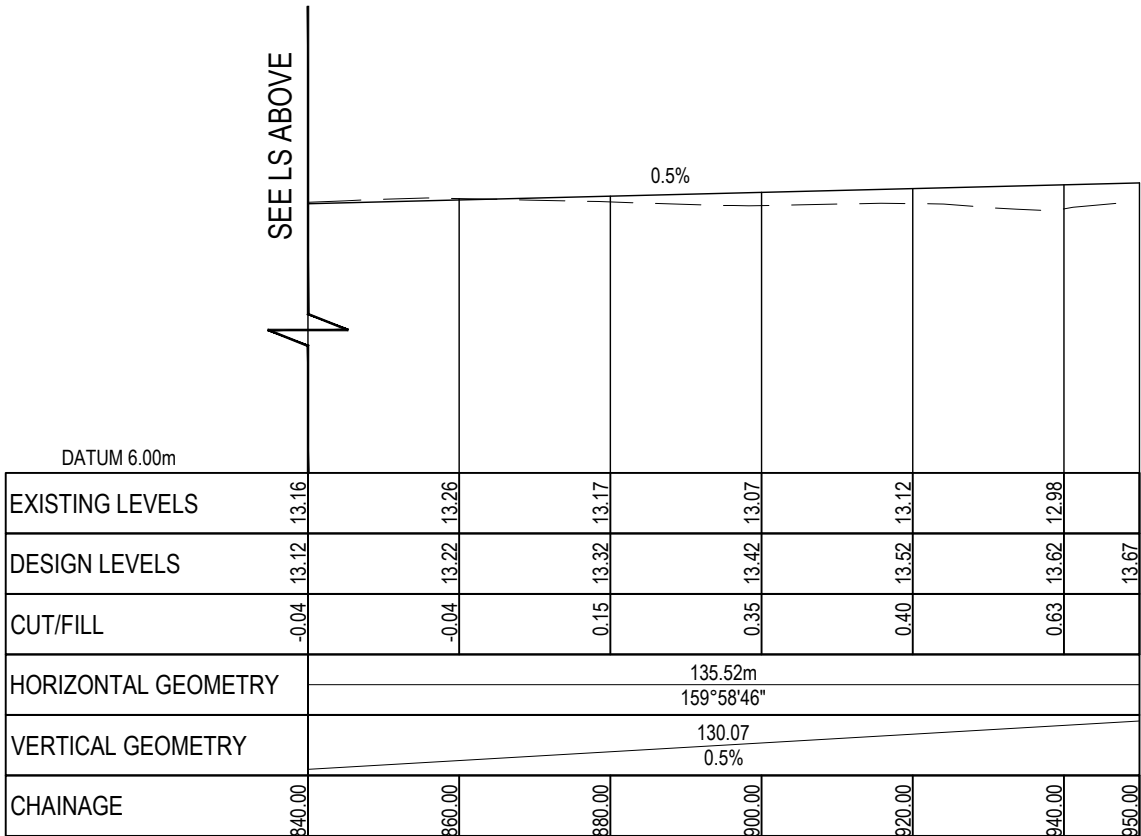


BUN60399307

Approved Resource Consent Plan

01/09/2023

SEE LS ABOVE



ROAD 1 (4 OF 4)
SCALE: HORI 1:1000 VERT 1:200

SEE LS BELOW

- Notes
- All works to be in accordance with Auckland Council standards.
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Legend

--- EX GL
--- PROP FL

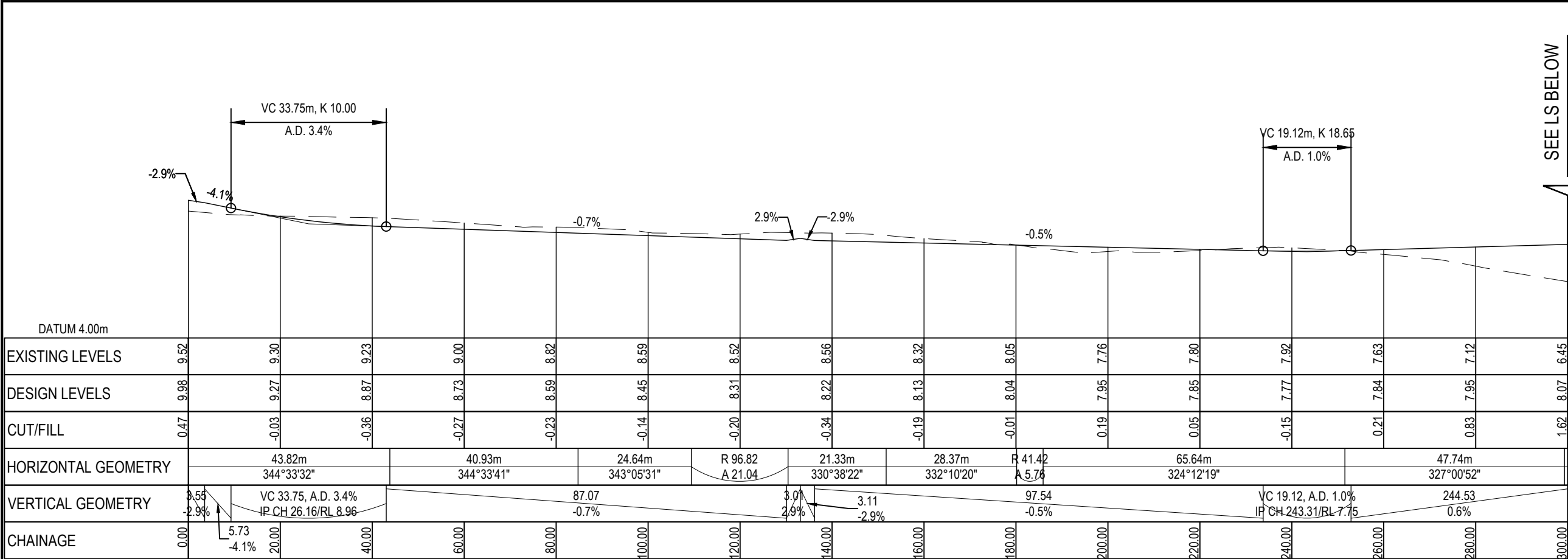
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F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	



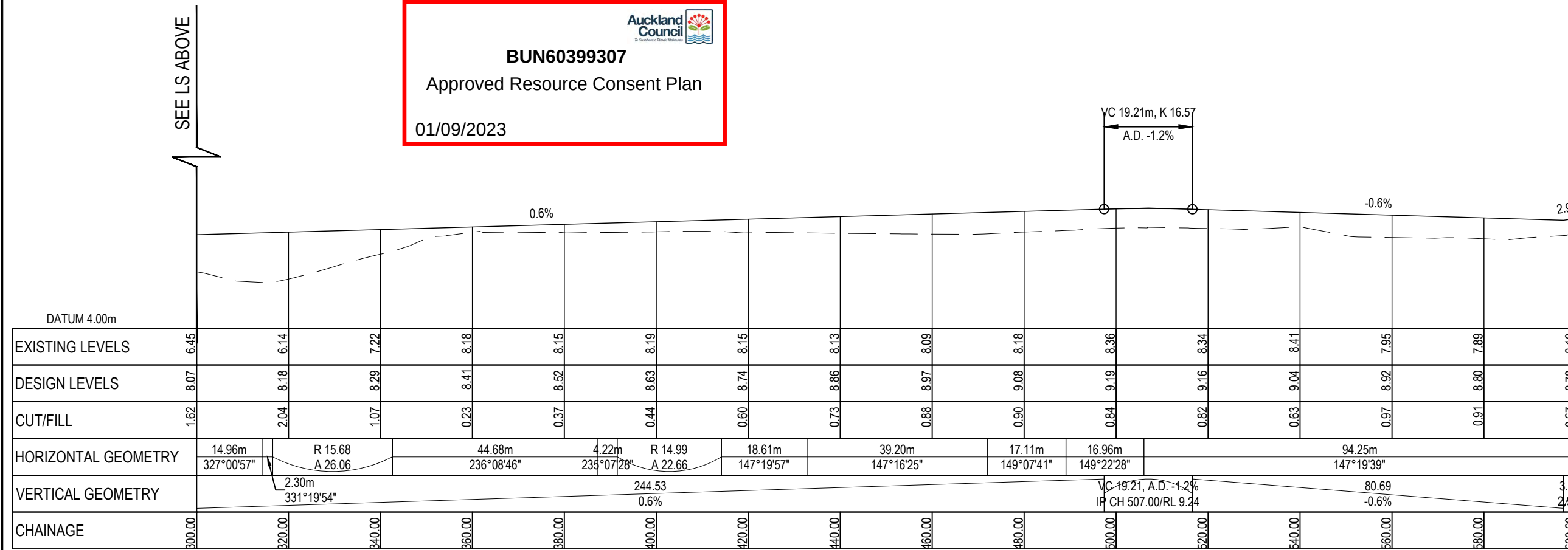
Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
LONGSECTION**

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C311	Rev	H



ROAD 3 (1 OF 2)
SCALE: HORI 1:1000 VERT 1:200



ROAD 3 (2 OF 2)
SCALE: HORI 1:1000 VERT 1:200

SEE LS BELOW

- Notes
- All works to be in accordance with Auckland Council standards.
 - Contractor is to avoid using GPS for set out of the kerb levels where gradients less than 1%.
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Legend

--- EX GL
--- PROP FL

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	

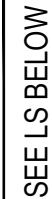


Project
**62, 78 & 80 PAPAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
LONGSECTION**

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C313	Rev	H

RESOURCE CONSENT



Legend

--- EX GL
— PROP FL

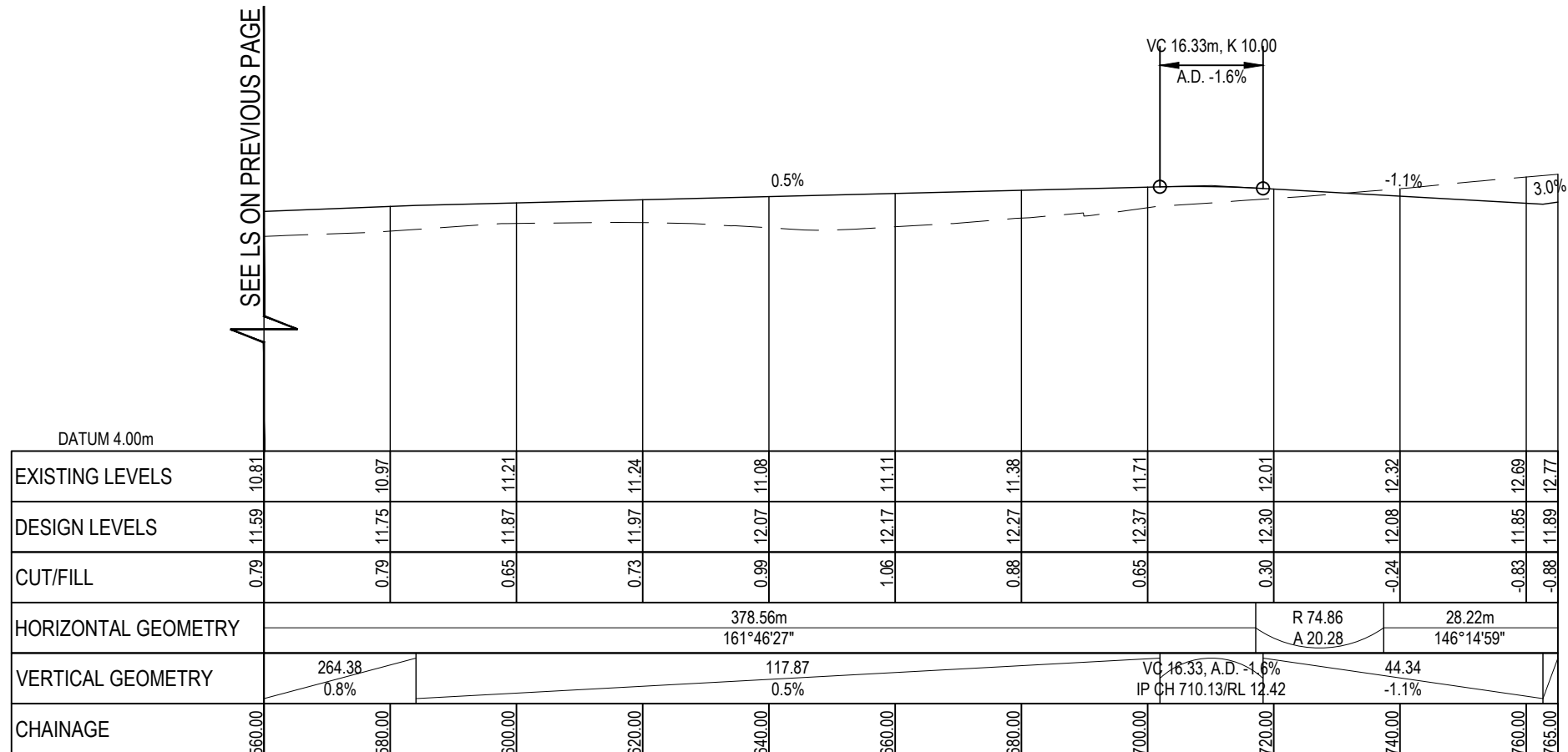
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| G | EPA RFI | ML | 03/2023 |
| F | EPA RFI | ML | 02/2023 |
| E | EPA RFI | ML | 10/2022 |
| Rev | Description | By | Date |
| | By | Date | |
| Survey | - | - | |
| Design | RK | 12/2021 | |
| Drawn | RK | 12/2021 | |
| Checked | WM | 12/2021 | |



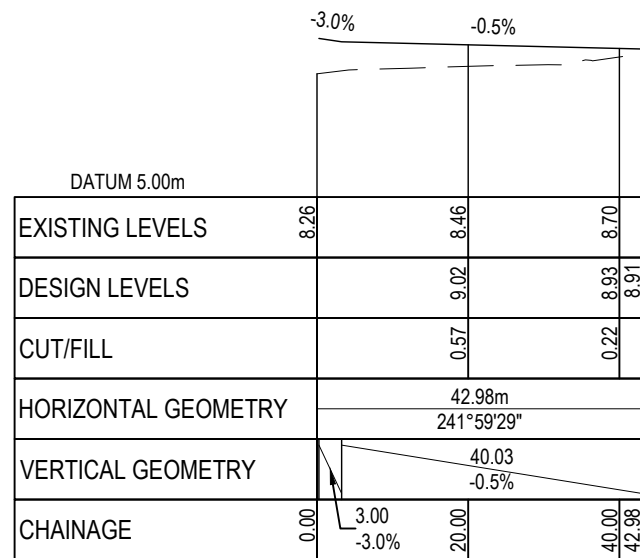
RESOURCE CONSENT

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C314	Rev	H

RESOURCE CONSENT



ROAD 4 (3 OF 3)
SCALE: HORI 1:1000 VERT 1:200



ROAD 5
SCALE: HORI 1:1000 VERT 1:200



BUN60399307

Approved Resource Consent Plan

01/09/2023

- Notes
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 - Setout schedule with co-ordinates of chainage points along road centreline to be supplied to the contractor prior to construction.
 - Refer to long section for finished centreline levels. Refer to typical cross sections to obtain levels for other locations
 - All ducts shall have locations marked on kerb lines in accordance with specification.
 - Field and laboratory testing of subgrade to be undertaken at 10m interval staggered in both lanes, in order to determine an appropriate CBR and pavement depth for construction to achieve the required deflections tests on top of the basecourse. Acceptance criteria for Benkelman Beam requirements on finished basecourse level as per ATCoP Table 52 is also to be provided.

Legend

--- EX GL
--- PROP FL

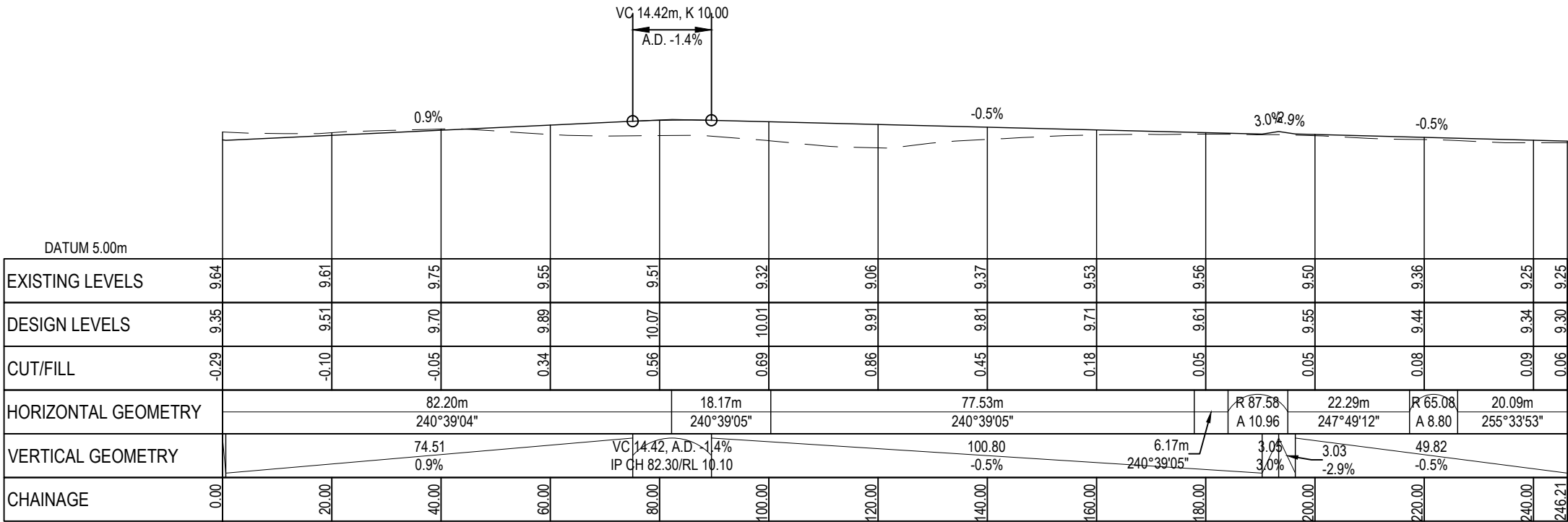
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G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	



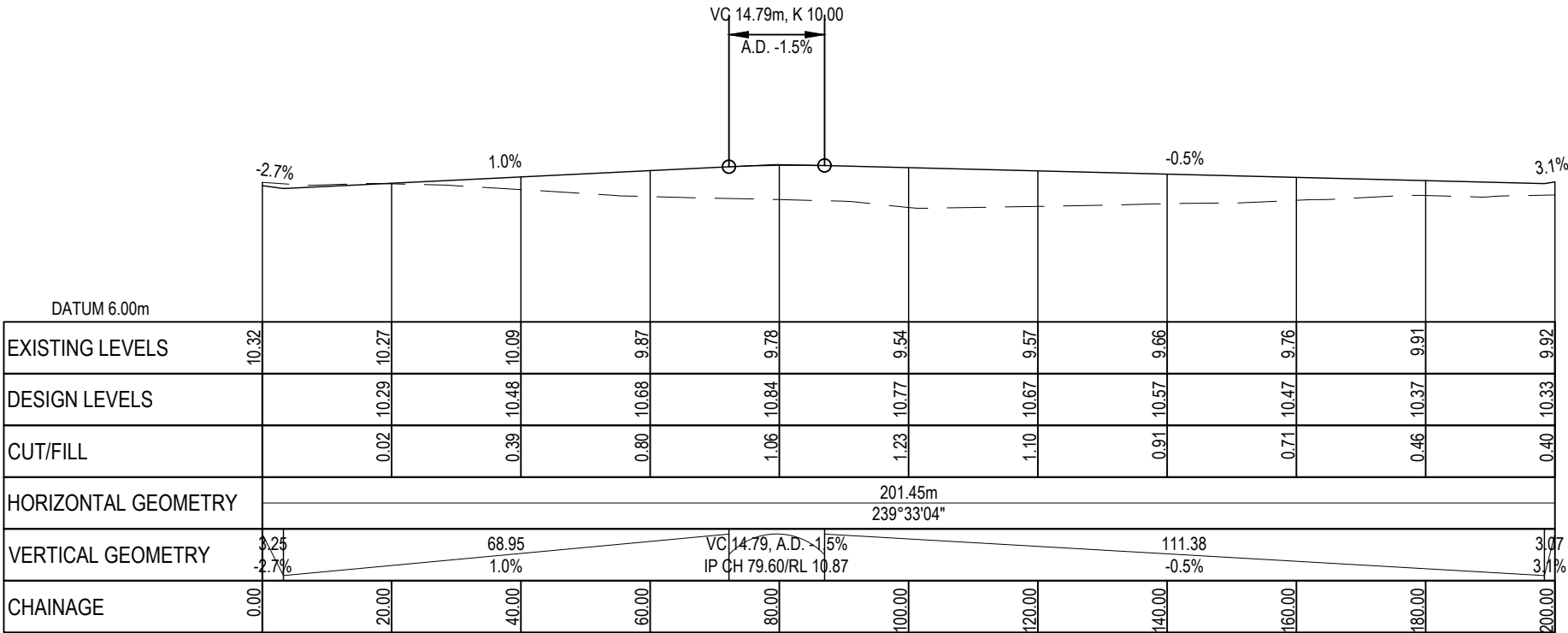
Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
LONGSECTION**

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C315	Rev	H



ROAD 6
SCALE: HORI 1:1000 VERT 1:200



ROAD 7
SCALE: HORI 1:1000 VERT 1:200

- Notes
- All works to be in accordance with Auckland Council standards.
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 - The contractor shall obtain all necessary approval from utility operators before commencing work under or near their services.
 - Final pavement design subject to CBR/Beam tests on subgrade material.
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Legend

--- EX GL
--- PROP FL

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	



Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
LONGSECTION**

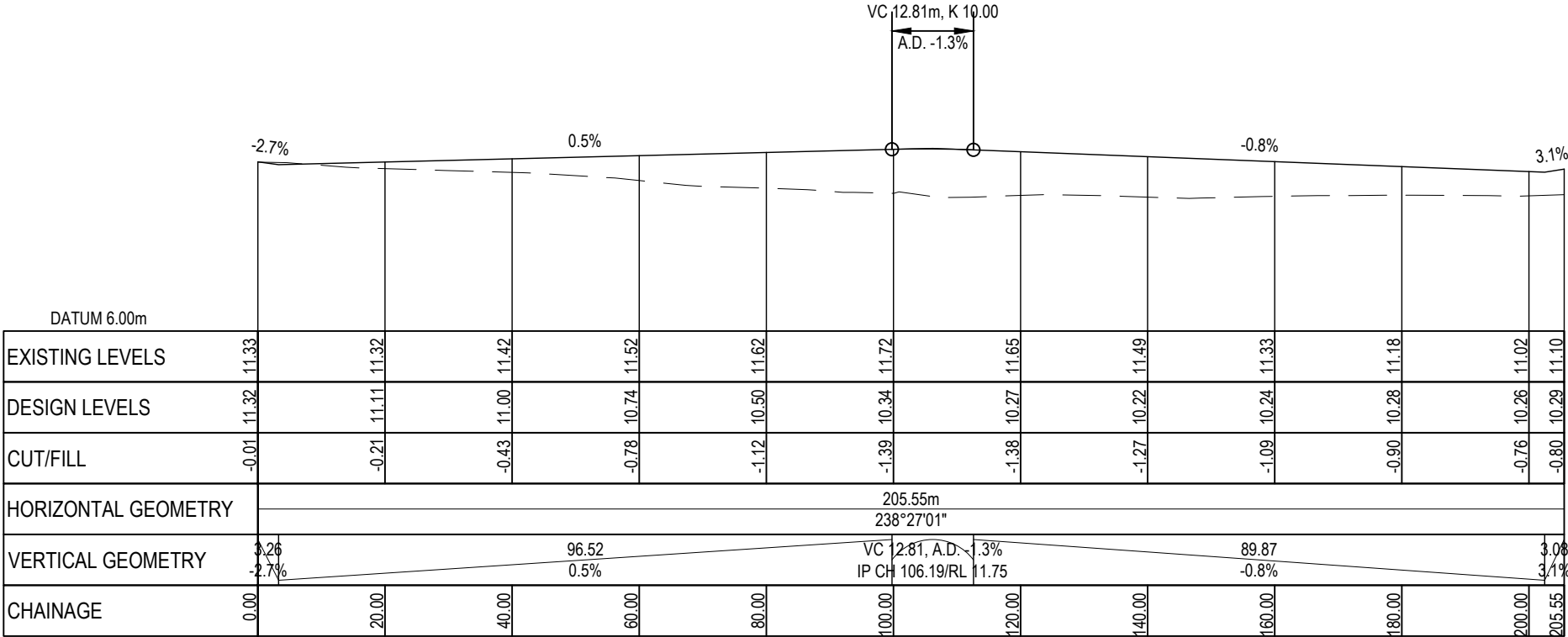
Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C316	Rev	H



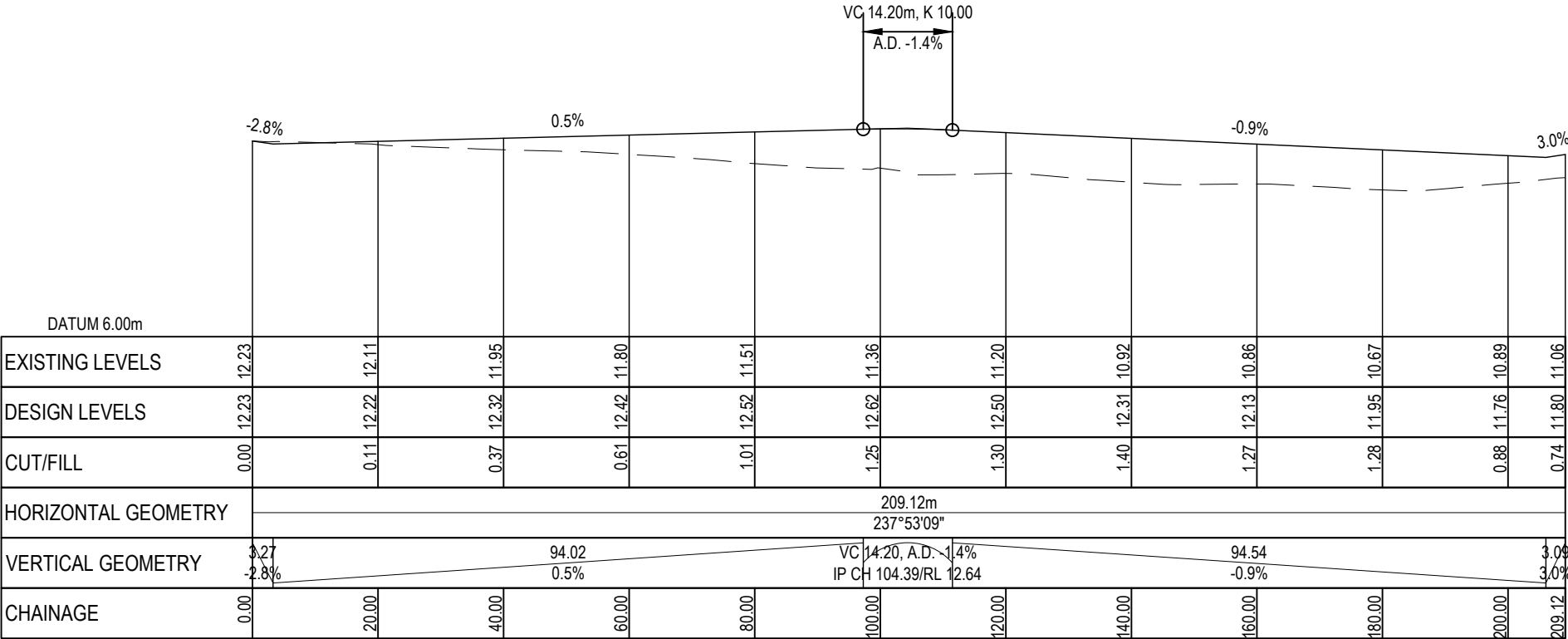
BUN60399307
Approved Resource Consent Plan

01/09/2023

RESOURCE CONSENT



ROAD 8
SCALE: HORI 1:1000 VERT 1:200



ROAD 9
SCALE: HORI 1:1000 VERT 1:200

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Legend

--- EX GL
--- PROP FL

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	



Project
**62, 78 & 80 PAPAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
LONGSECTION**

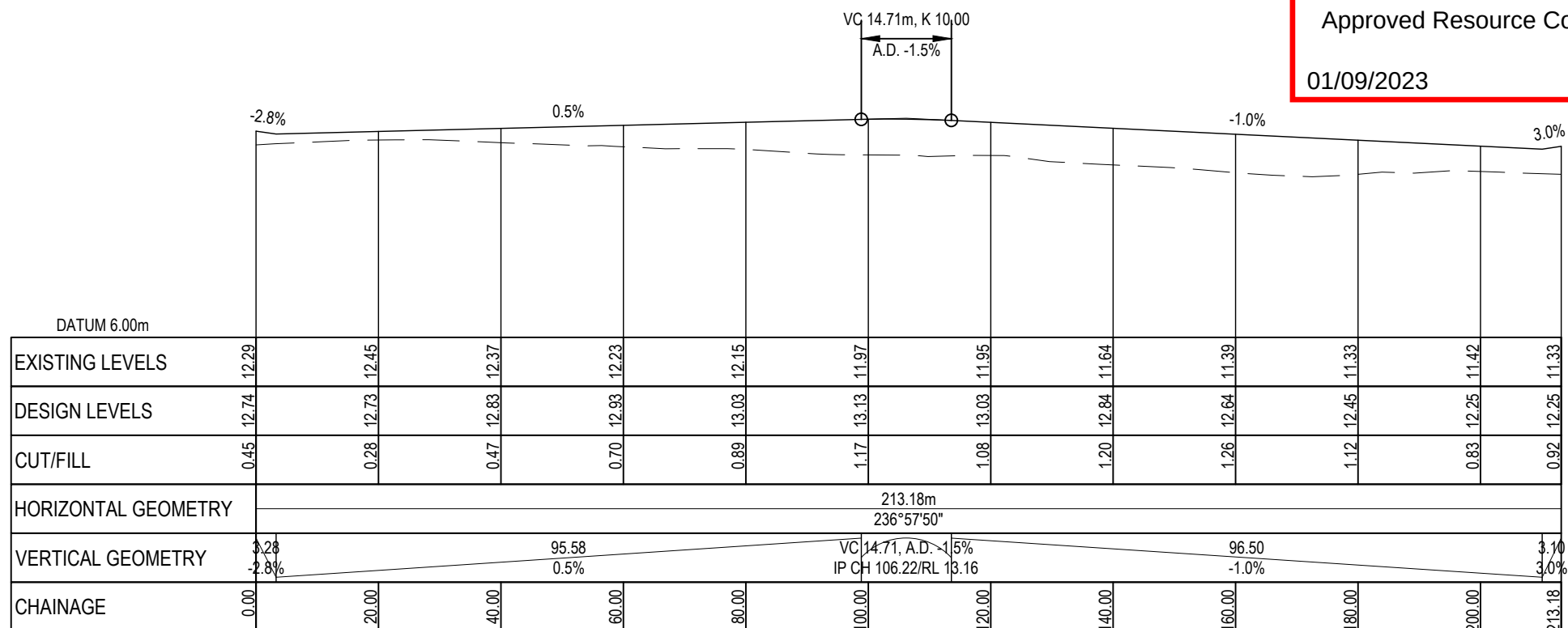
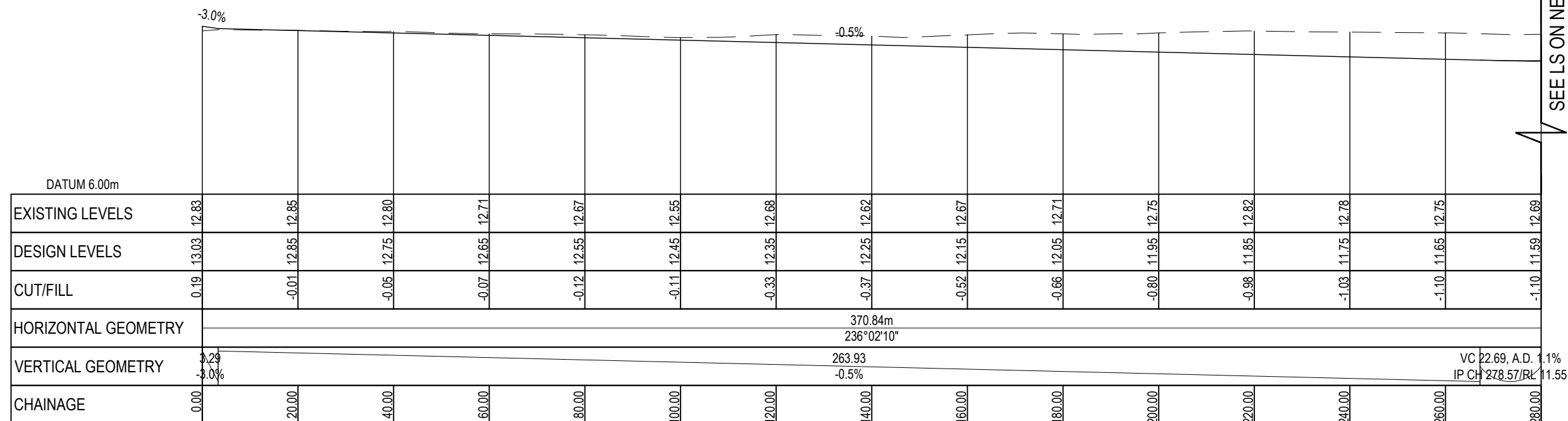
Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C317	Rev	H



BUN60399307
Approved Resource Consent Plan

01/09/2023

RESOURCE CONSENT

ROAD 10
SCALE: HORI 1:1000 VERT 1:200ROAD 11 (1 OF 2)
SCALE: HORI 1:1000 VERT 1:200

Notes

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Legend

--- EX GL
--- PROP FL

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date

	By	Date
Survey	-	-
Design	RK	12/2021
Drawn	RK	12/2021
Checked	WM	12/2021

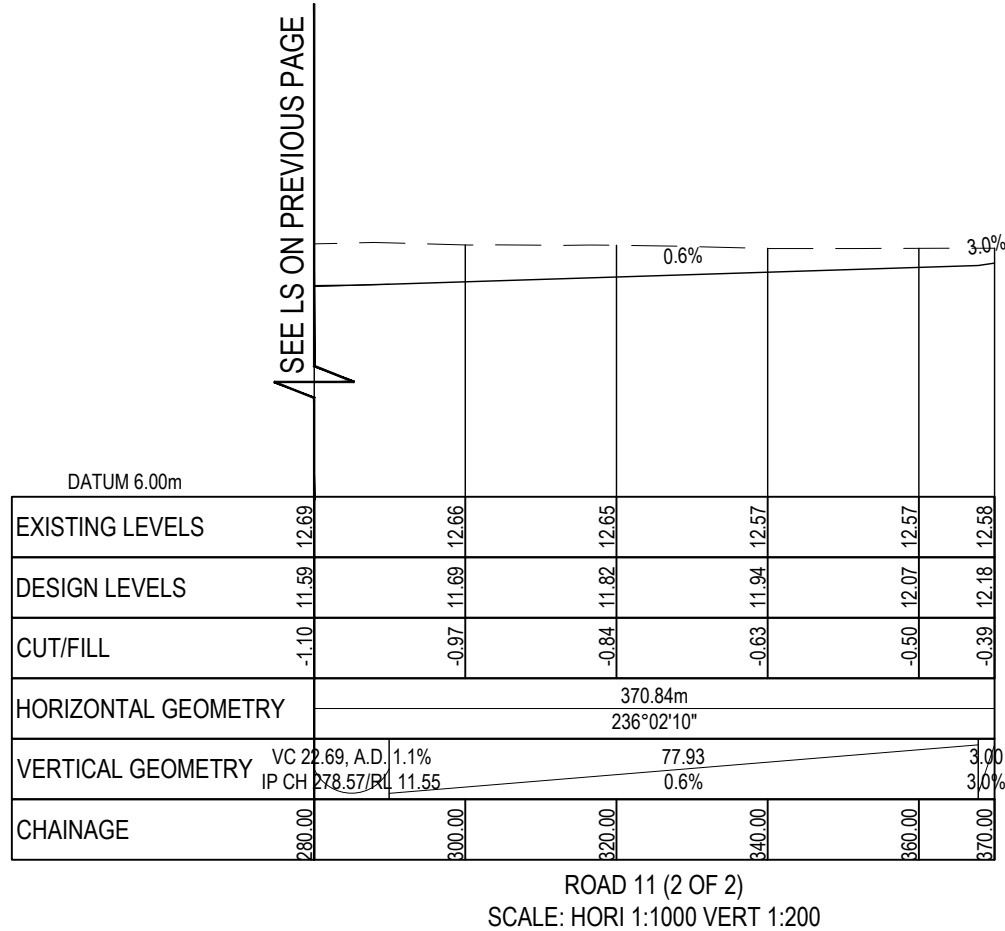
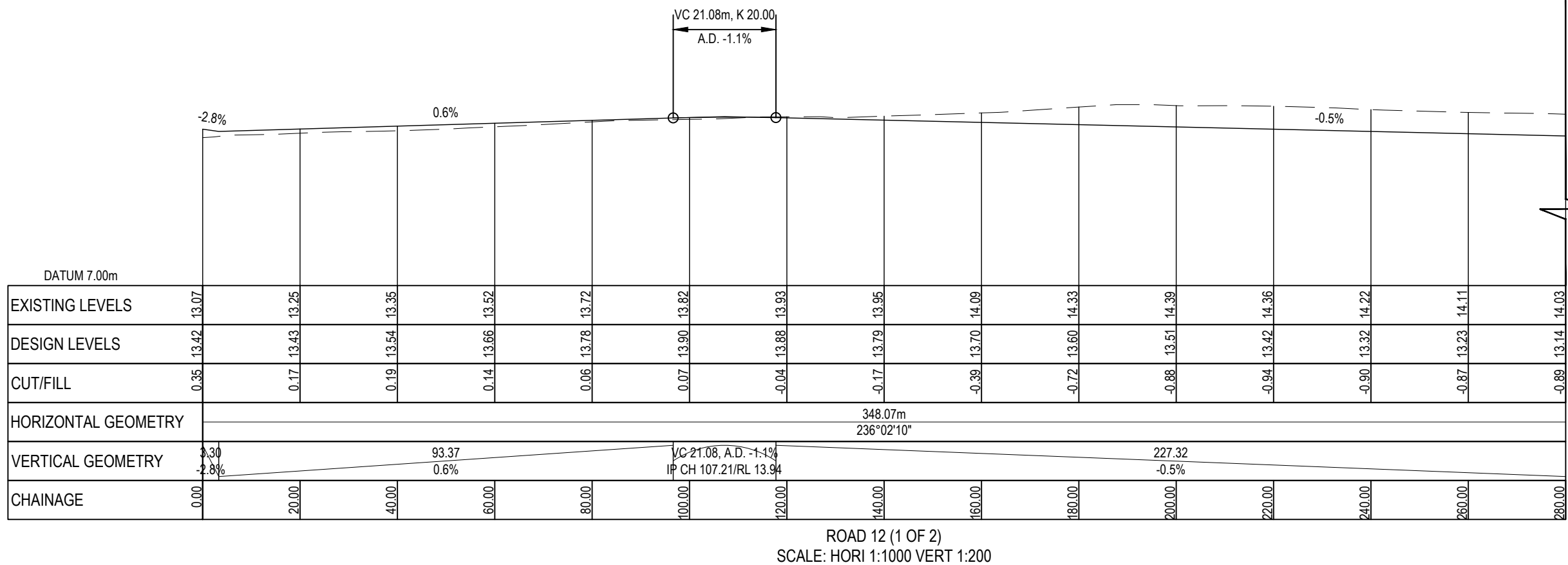


Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
LONGSECTION**

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C318	Rev	H

SEE LS ON NEXT PAGE





BUN60399307
Approved Resource Consent Plan
01/09/2023

- Notes
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Legend

--- EX GL
--- PROP FL

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
	Survey	-	-
	Design	RK	12/2021
	Drawn	RK	12/2021
	Checked	WM	12/2021



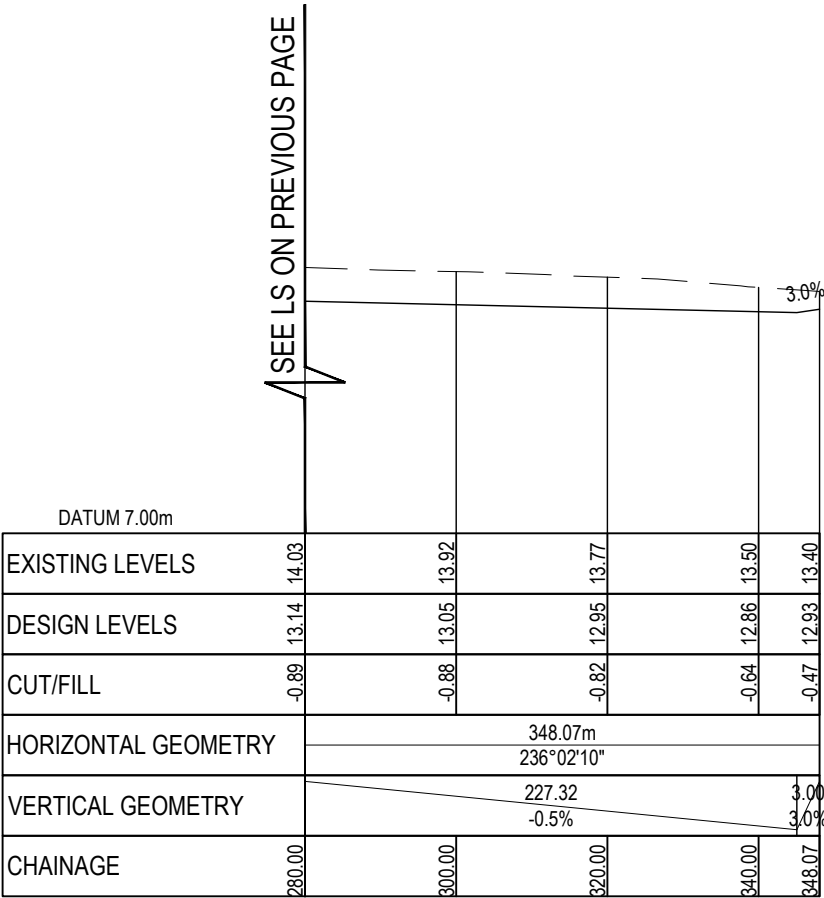
Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
LONGSECTION**

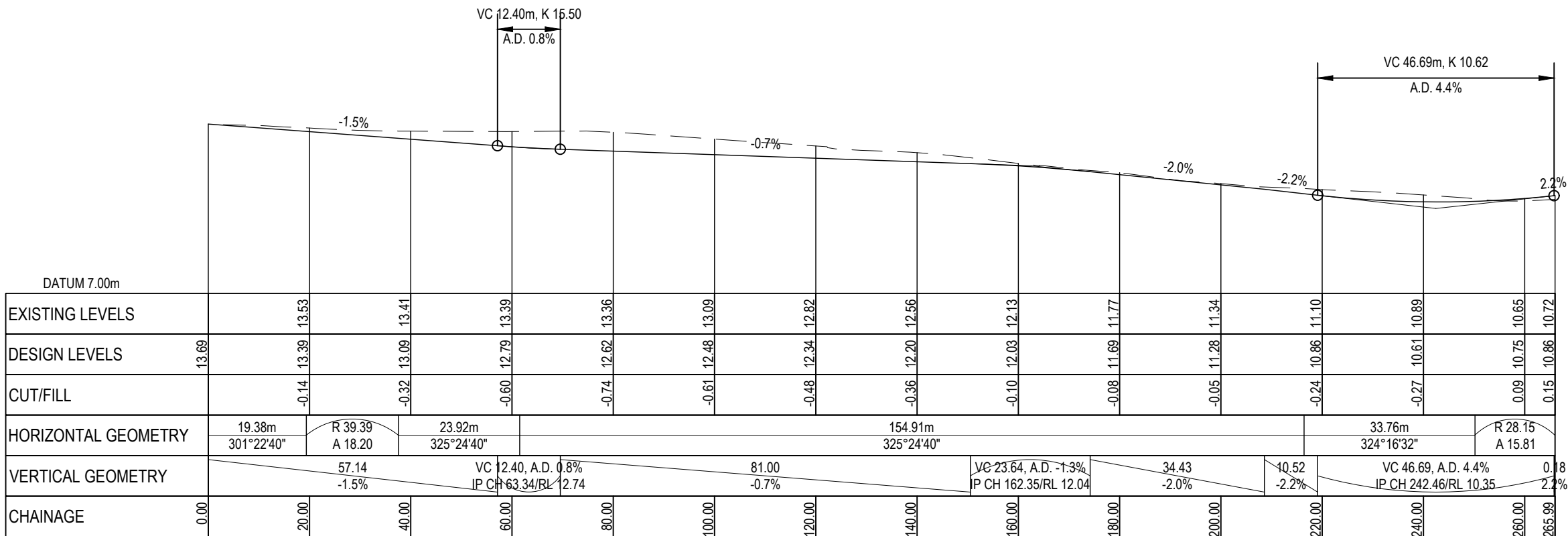
Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C319	Rev	H

SEE LS ON PREVIOUS PAGE



ROAD 12 (2 OF 2)

SCALE: HORI 1:1000 VERT 1:200



ROAD 13

SCALE: HORI 1:1000 VERT 1:200

BUN60399307

Approved Resource Consent Plan

01/09/2023



Notes

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Legend

--- EX GL
--- PROP FL

H	S92 RFI	ML	04/2023
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F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date

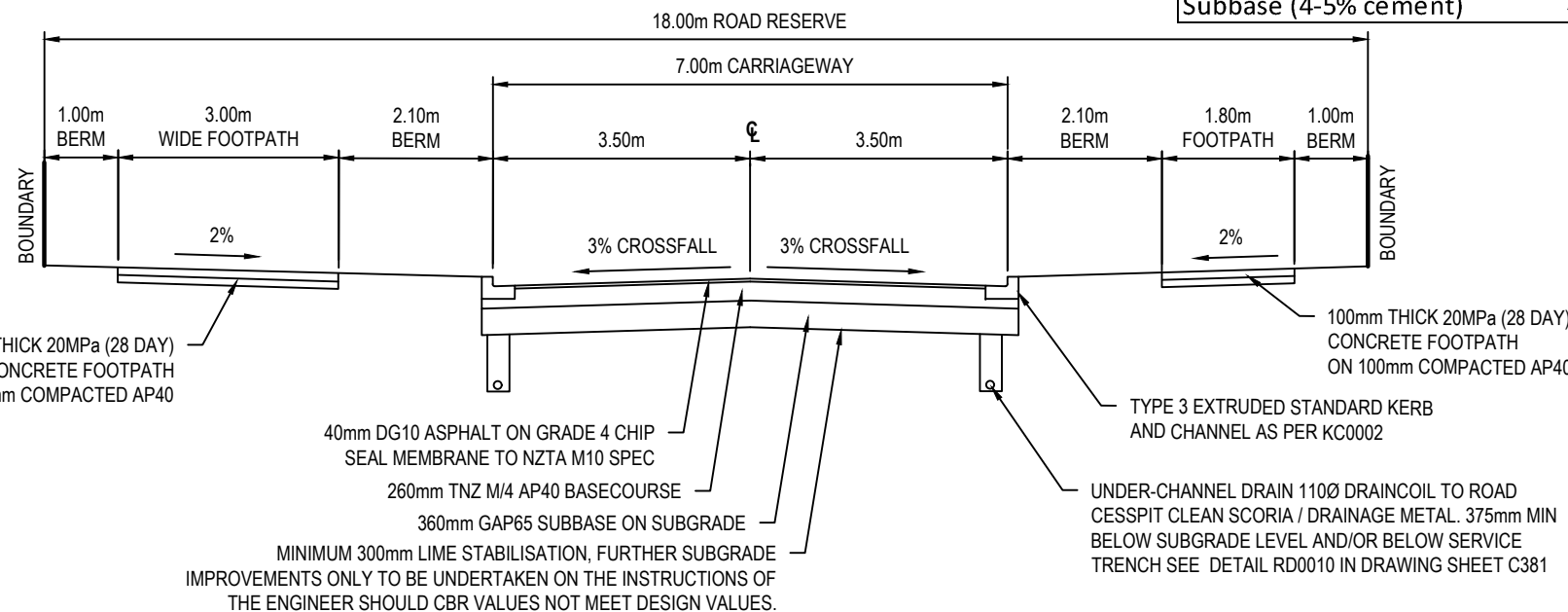
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Survey	-	-
Design	RK	12/2021
Drawn	RK	12/2021
Checked	WM	12/2021



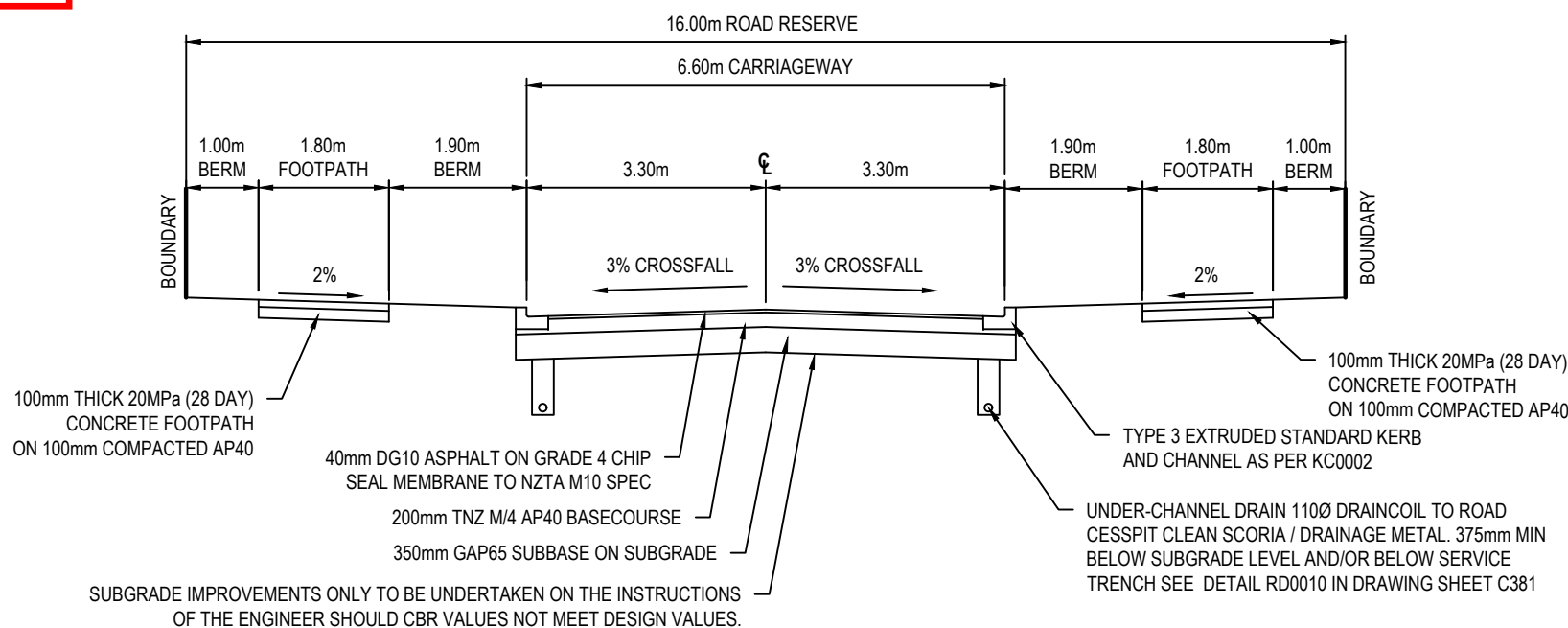
Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
LONGSECTION**

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C320	Rev	H



A
C301
TYPICAL CROSS SECTION - 18m (WIDE FOOTPATH) ROAD 1
SCALE 1:100 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0



B
C301
TYPICAL CROSS SECTION - 16m ROADS 2,4,7,8,9,11 AND 12
SCALE 1:100 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

Road 1	(600mm lime stabilised CBR11%)	(300mm lime stabilised CBR11%)	
Natural CBR	CBR 2%	CBR 3%	CBR 4%
Base course	400	260	200
Subbase	-	360	200
Subbase (4-5% cement)	400	-	-

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 - All ducts shall have locations marked on kerb lines in accordance with specification.
 - Pram crossings are to be flush to the channel with no lip.
 - All kerb and channel to have sawcuts at max. 4m centres.
 - All kerbing, channels and edge beams shall have 4kg black oxide.
 - All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.
 - All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
 - All line markings to be reflectorised in accordance with MOTSAM standards.
 - The minimum vertical and lateral clearances for signage shall be in accordance with MOTSAM standards.
 - Street lighting shall be designed in accordance with all applicable New Zealand Standards including but not restricted to the current version of AS/NZS 1158 Lighting for Roads and Public Spaces series of standards.
 - All new, modified or upgraded pram crossings must be in accordance with RTS 14 Guidelines for Facilities for Blind and Vision-impaired Pedestrians and NZS/AS 1428.4 and must comply with the details provided in AT's Standard Plan No.FP006.
 - Field and laboratory testing of subgrade to be undertaken at 10m interval staggered in both lanes, in order to determine an appropriate CBR and pavement depth for construction to achieve the required deflections tests on top of the basecourse. Acceptance criteria for Benkelman Beam requirements on finished basecourse level as per ATCoP Table 52 is also to be provided.

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	



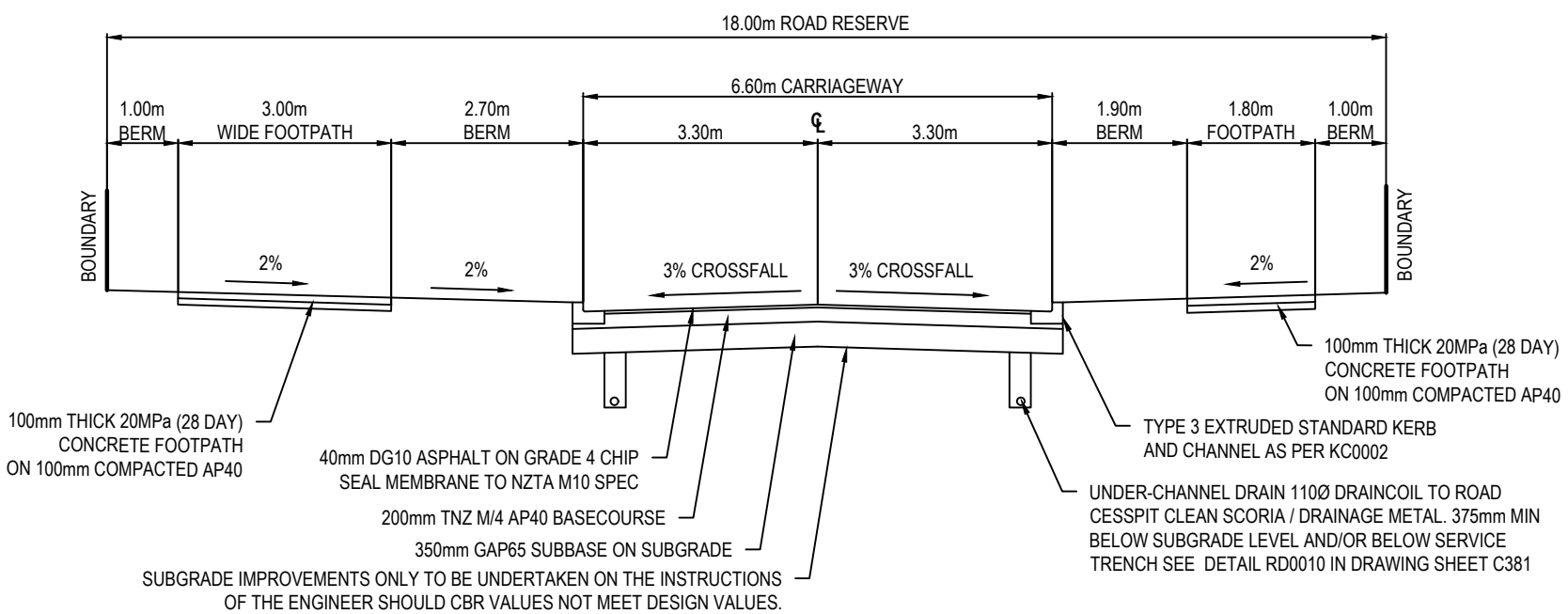
Project
62, 78 & 80 PAPAURA - CLEVEDON ROAD, CLEVEDON, AUCKLAND FOR CLEVEDON PROPERTIES LTD

Title
PROPOSED ROADING CROSS-SECTIONS

Project no.	194006
Scale	AS SHOWN
Cad file	C300- ROADING.DWG
Drawing no.	C330
Rev	H

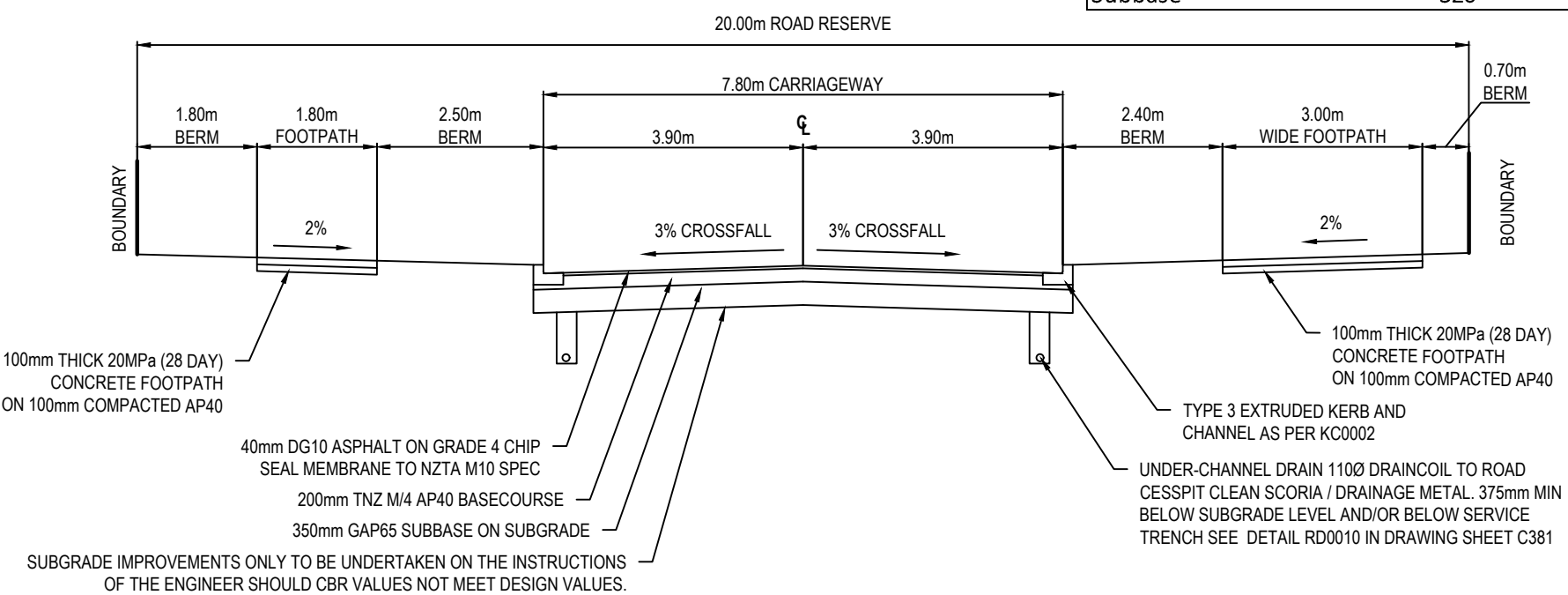
Roads 2-5 & 7-13	(400mm lime stabilised CBR11%)	Natural Ground	
Natural CBR	CBR 2%	CBR 3%	CBR 4%
Base course	200	200	200
Subbase	320	350	300

RESOURCE CONSENT



C
C301 **TYPICAL CROSS SECTION - 18m ROAD 3 (CH340 - CH480)**
SCALE 1:100 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

Roads 2-5 & 7-13	(400mm lime stabilised CBR11%)	Natural Ground	
Natural CBR	CBR 2%	CBR 3%	CBR 4%
Base course	200	200	200
Subbase	320	350	300



D
C301 **TYPICAL CROSS SECTION - 20m ROAD 5**
SCALE 1:100 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

- Notes
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H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK		12/2021
Drawn	RK		12/2021
Checked	WM		12/2021



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5 Owens Road, Epsom
Auckland 1023

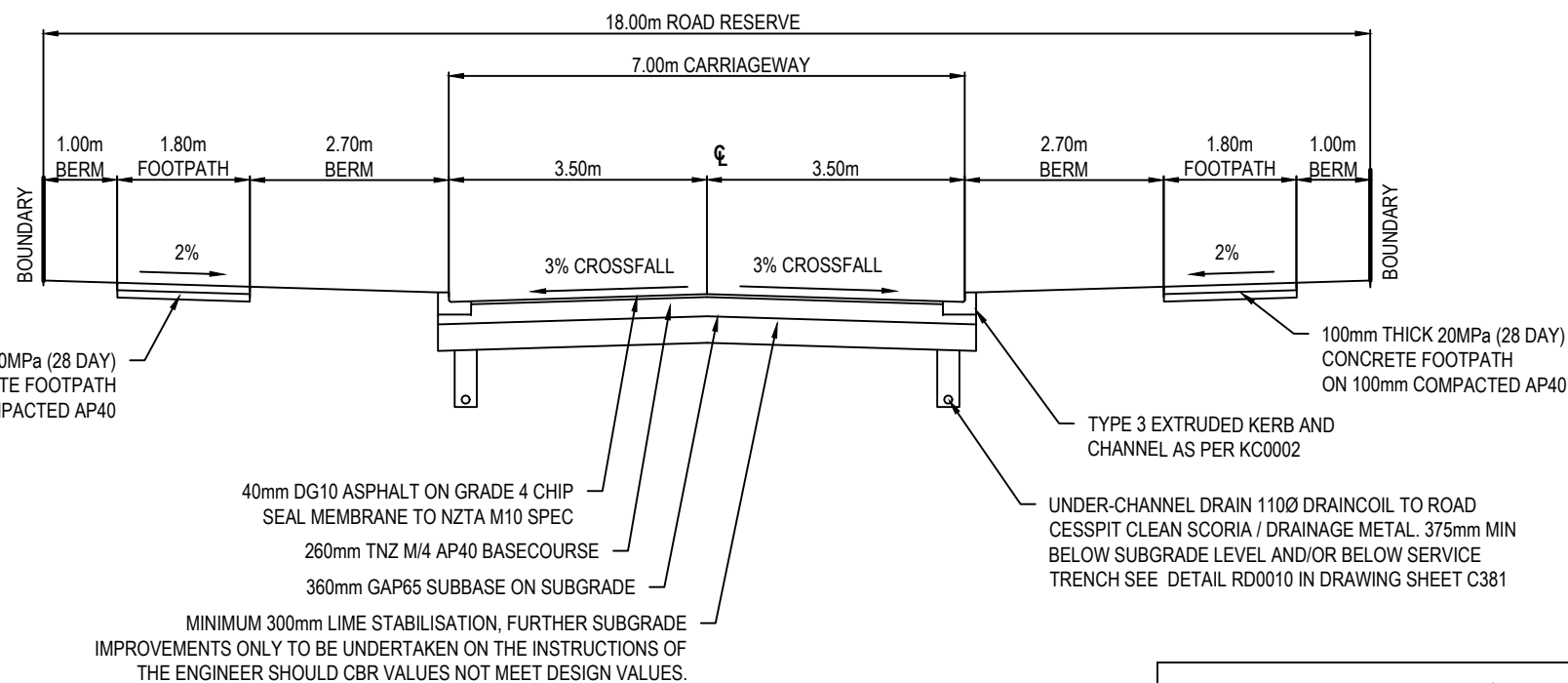
Project
62, 78 & 80 PAPAURA - CLEVEDON ROAD, CLEVEDON, AUCKLAND FOR CLEVEDON PROPERTIES LTD

Title
PROPOSED ROADING CROSS-SECTIONS

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C331	Rev	H

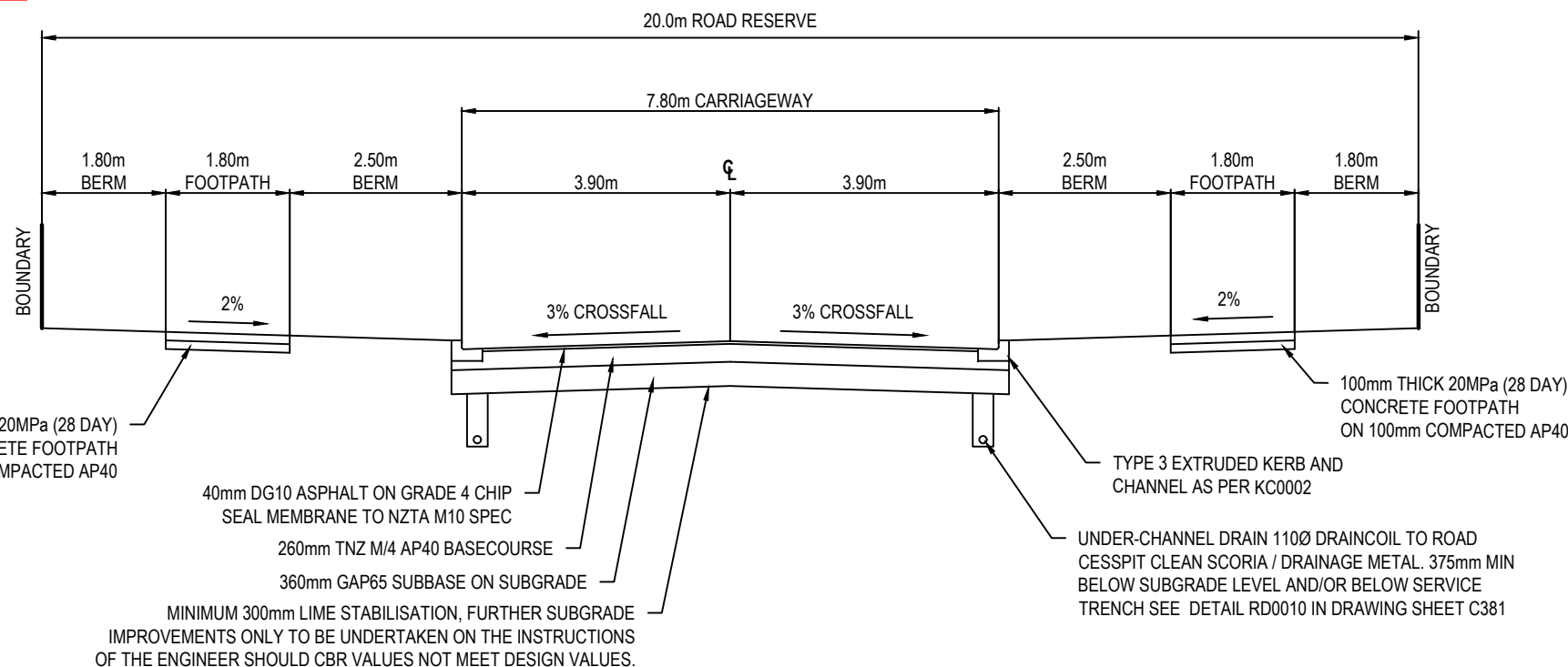
BUN60399307
Approved Resource Consent Plan
01/09/2023

RESOURCE CONSENT



E
C301
TYPICAL CROSS SECTION - 18m ROAD 6
SCALE 1:100 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

Roads 6 & 6a	(600mm lime stabilised CBR11%)	(300mm lime stabilised CBR11%)	
Natural CBR	CBR 2%	CBR 3%	CBR 4%
Base course	450	260	200
Subbase	-	360	200
Subbase (4-5% cement)	430	-	-



F
C301
TYPICAL CROSS SECTION - 20m ROAD 6A
SCALE 1:100 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

- Notes
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G	EPA RFI	ML	03/2023
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E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	

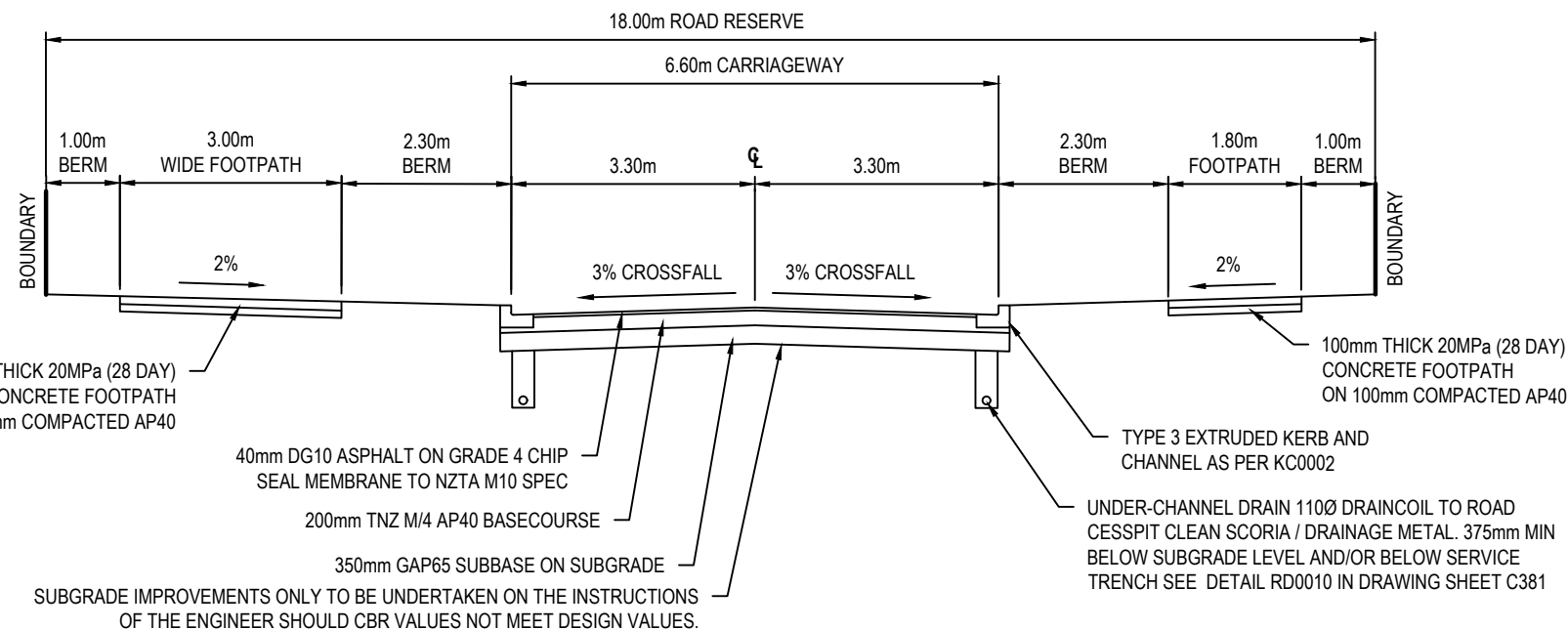


Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
CROSS-SECTIONS**

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C332	Rev	H

RESOURCE CONSENT



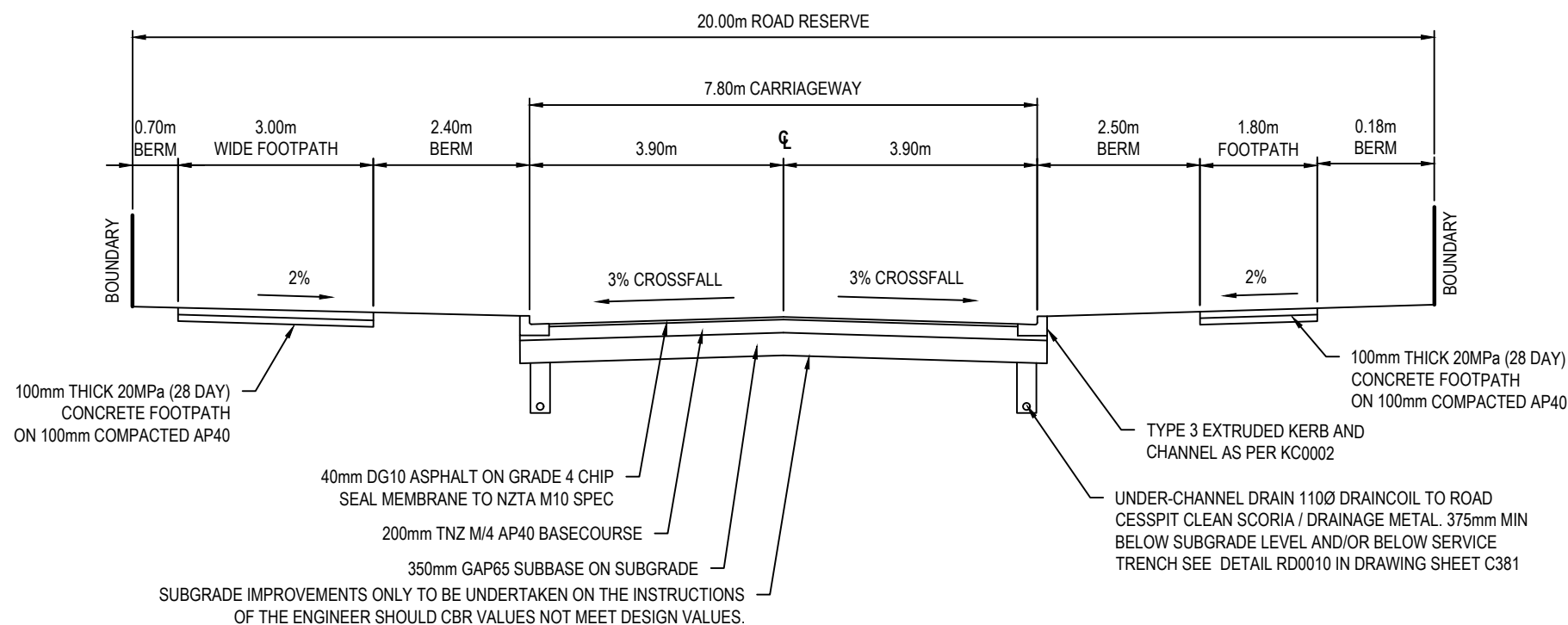
G
C302
TYPICAL CROSS SECTION - 18m (WIDE FOOTPATH) ROADS 10 AND 13
SCALE 1:100 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

BUN60399307

Approved Resource Consent Plan

01/09/2023

	(400mm lime stabilised CBR11%)	Natural Ground	
Roads 2-5 & 7-13			
Natural CBR	CBR 2%	CBR 3%	CBR 4%
Base course	200	200	200
Subbase	320	350	300



H
C302
TYPICAL CROSS SECTION - 20m ROAD 13 TIE INTO NEIGHBORING ROAD
SCALE 1:100 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

RESOURCE CONSENT

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 - Pram crossings are to be flush to the channel with no lip.
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 - Field and laboratory testing of subgrade to be undertaken at 10m interval staggered in both lanes, in order to determine an appropriate CBR and pavement depth for construction to achieve the required deflections tests on top of the basecourse. Acceptance criteria for Benkelman Beam requirements on finished basecourse level as per ATCoP Table 52 is also to be provided.

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK		12/2021
Drawn	RK		12/2021
Checked	WM		12/2021



Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
CROSS-SECTIONS**

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C333	Rev	H

Notes

- All works to be in accordance with Auckland Council standards.
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		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	

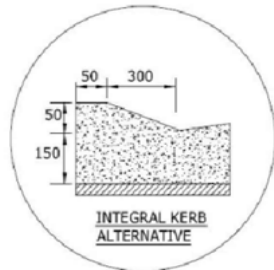


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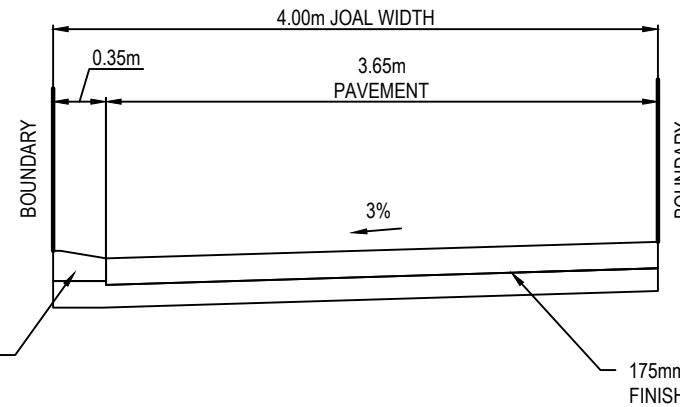
Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
CROSS-SECTIONS**

Project no.	194006
Scale	AS SHOWN
Cad file	C300- ROADING.DWG
Drawing no.	C334
Rev	H

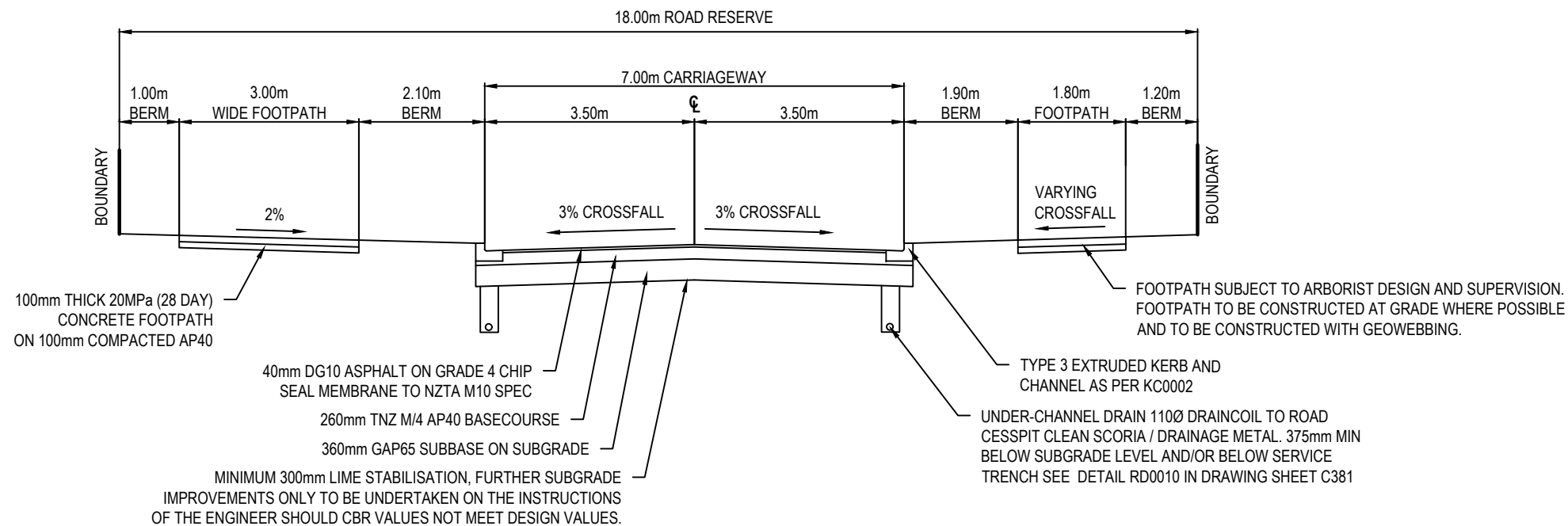


PROPOSED INTEGRAL KERB. REFER TO AUCKLAND
COUNCIL DESIGN GUIDE RE 01 FOR DETAILS



175mm 20MPa CONCRETE - EXPOSED AGGREGATE
FINISH ON 150mm COMPACTED GAP65

TYPICAL CROSS SECTION - JOAL 1
SCALE 1:50 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0



TYPICAL CROSS SECTION - 18m (WIDE FOOTPATH) ROAD 1
SCALE 1:100 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

Road 1	(600mm lime stabilised CBR11%)	(300mm lime stabilised CBR11%)	
Natural CBR	CBR 2%	CBR 3%	CBR 4%
Base course	400	260	200
Subbase	-	360	200
Subbase (4-5% cement)	400	-	-

Roads 1 & 6 T- intersection and Road 6 & 4 Roundabout	(400mm lime stabilised CBR11%)	(300mm lime stabilised CBR11%)	(250mm lime stabilised CBR11%)
Natural CBR	CBR 2%	CBR 3%	CBR 4%
Base course (AC 20)	200	200	200
Subbase	350	250	200

- | Notes |
|---|
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| 6. Final pavement design subject to CBR/Beam tests on subgrade material. |
| 7. Setout schedule with co-ordinates of chainage points along road centreline to be supplied to the contractor prior to construction. |
| 8. Refer to long section for finished centreline levels. Refer to typical cross sections to obtain levels for other locations |
| 9. All ducts shall have locations marked on kerb lines in accordance with specification. |
| 10. Pram crossings are to be flush to the channel with no lip. |
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| 19. Field and laboratory testing of subgrade to be undertaken at 10m interval staggered in both lanes, in order to determine an appropriate CBR and pavement depth for construction to achieve the required deflections tested on top of the basecourse. Acceptance criteria for Benkelman Beam requirements on finished basecourse level as per ATCoP Table 52 is also to be provided. |

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E	EPA RFI	ML	10/2022
Rev	Description	By	Date

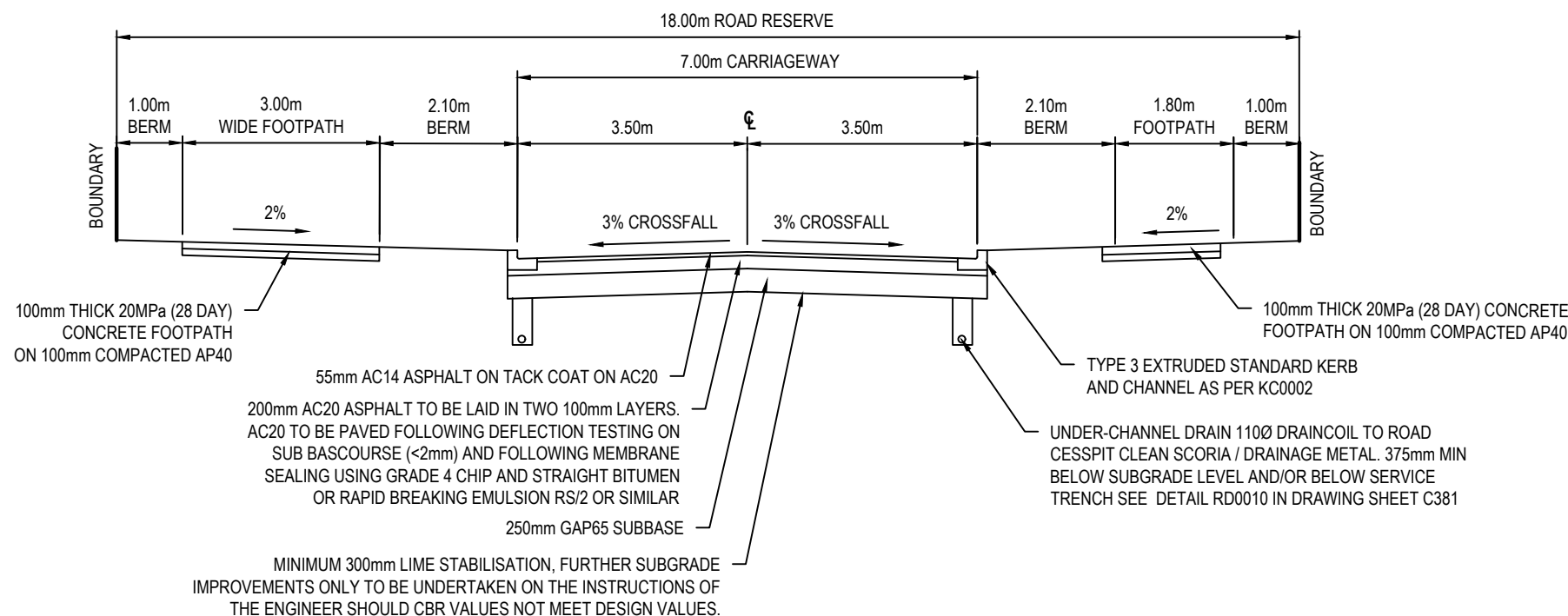
	By	Date
Survey	-	-
Design	RK	12/2021
Drawn	RK	12/2021
Checked	WM	12/2021



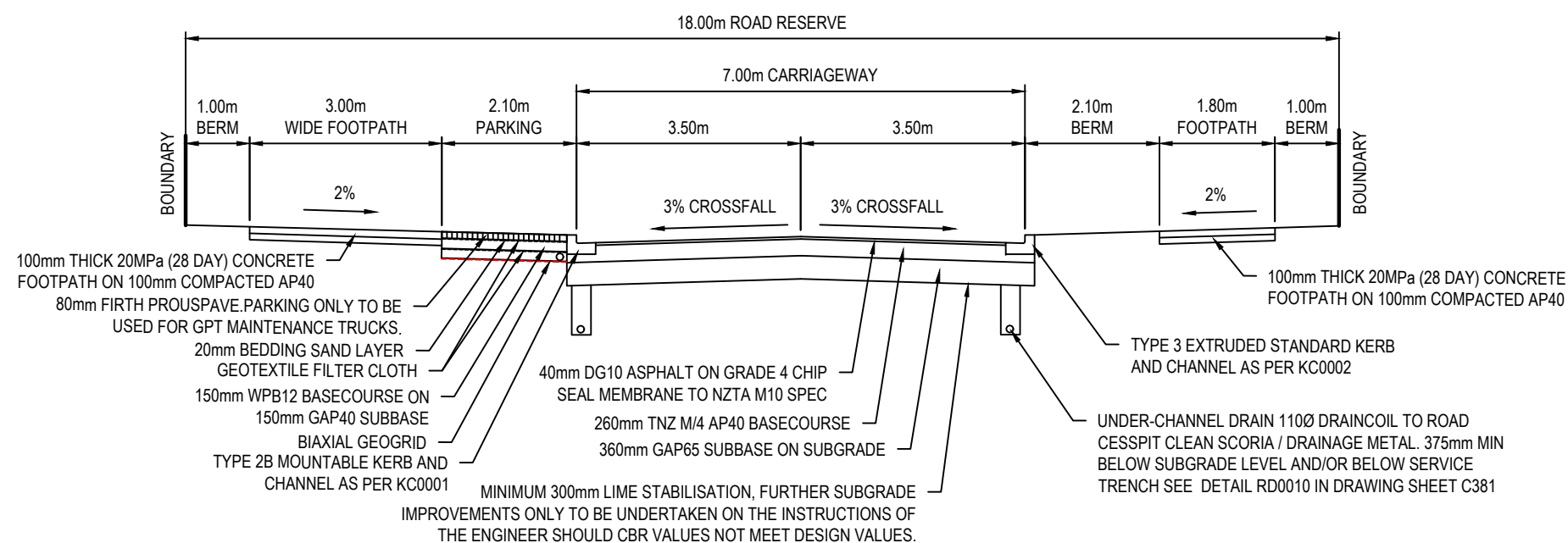
Project
**62, 78 & 80 PAPAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROADING
CROSS-SECTIONS**

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C335	Rev	H




**TYPICAL CROSS SECTION - T-INTERSECTION &
 ROUNDABOUT (ATLEAST 30m OF APPROCHES)**
 ROAD 1&6 - CH(345-415m) & ROAD 6&6A - CH(150-235m)
 SCALE 1:100 @ A3
 DESIGN BASED ON MINIMUM CBR OF 3.0

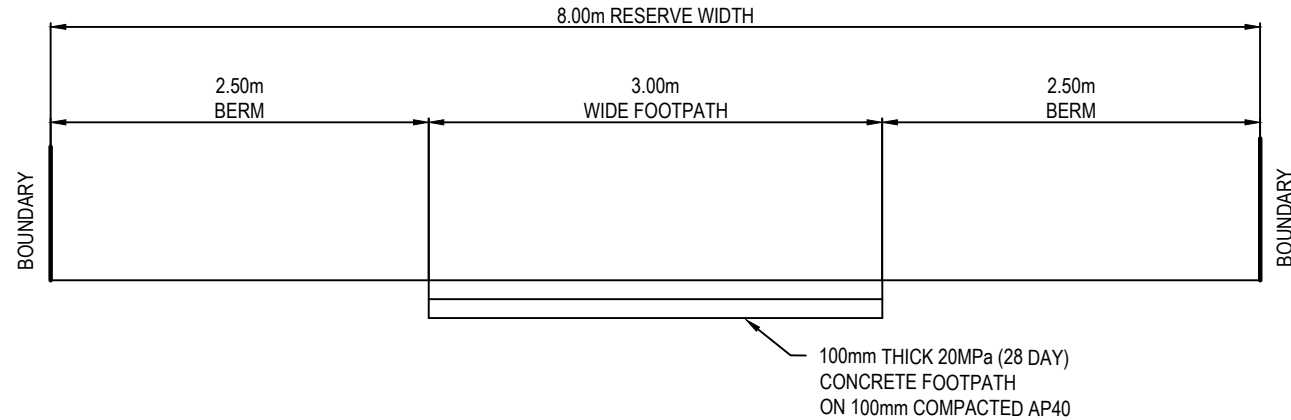


TYPICAL CROSS SECTION - 18m ROAD 1 (WITH PARKING)
SCALE 1:100 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

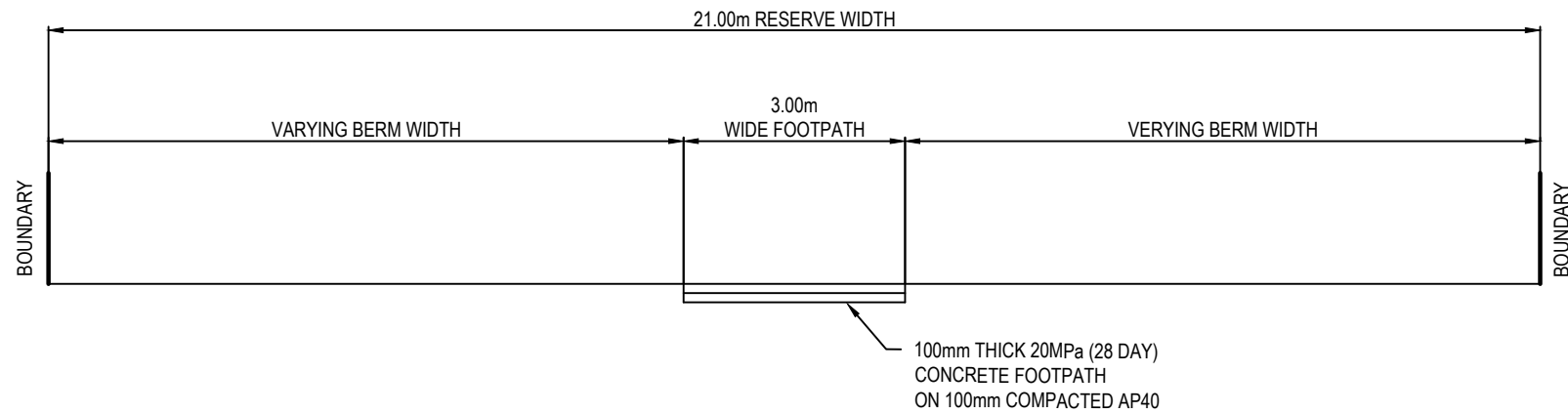
BUN60399307

Approved Resource Consent Plan

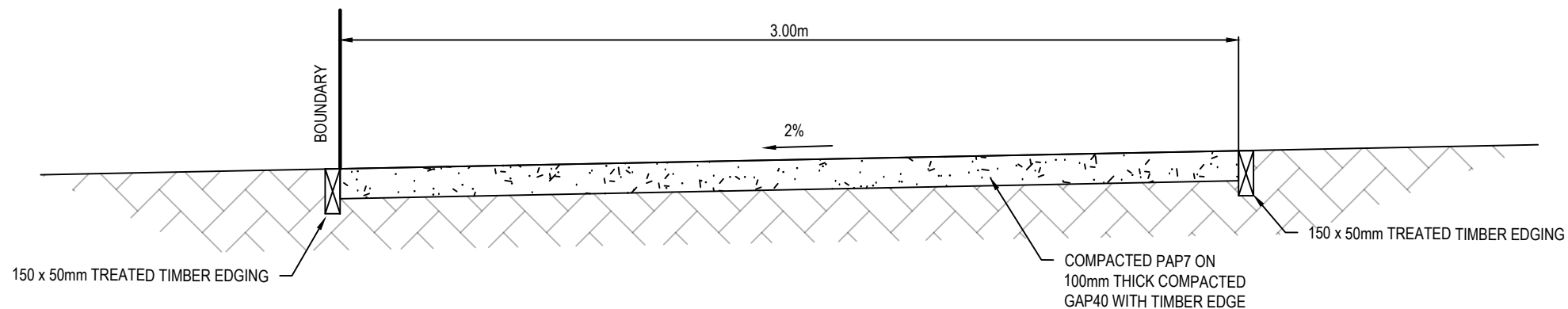
01/09/2023



K
C302
TYPICAL CROSS SECTION - 8m RESERVE
SCALE 1:50 @ A3



L
C302
TYPICAL CROSS SECTION - 21m RESERVE
SCALE 1:100 @ A3



-
-
TYPICAL CROSS SECTION - BRIDLE TRAIL DETAIL
SCALE 1:20 @ A3

Notes

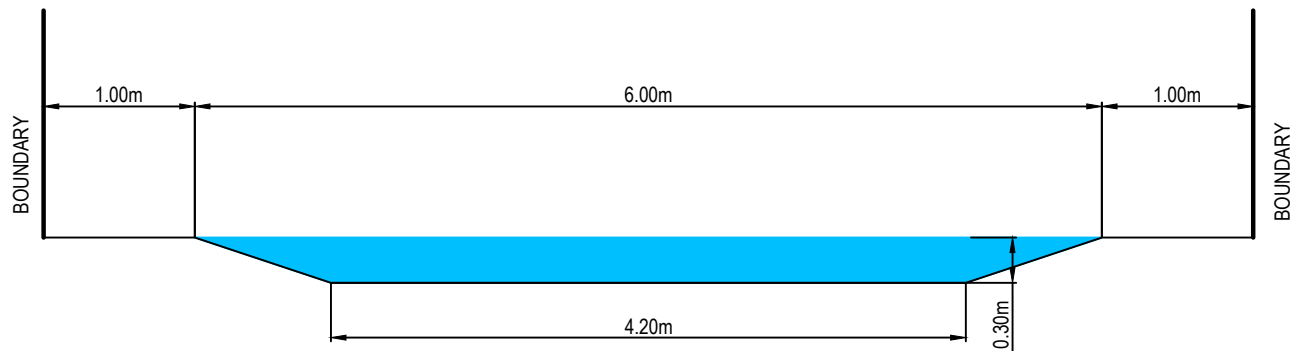
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G	EPA RFI	ML	03/2023
F	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	

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Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title PROPOSED ROADING CROSS-SECTIONS			
Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C336	Rev	H



S1
C302 TYPICAL CROSS SECTION - SWALE 1
SCALE 1:50 @ A3

Auckland Council

Te Kaitiaki o Tāmaki Makaurau

BUN60399307

Approved Resource Consent Plan

01/09/2023

Notes

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Rev	Description	By	Date
	By	Date	
Survey	-	-	
Design	RK	12/2021	
Drawn	RK	12/2021	
Checked	WM	12/2021	

M

MAVEN

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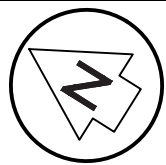
5 Owens Road, Epsom

Auckland 1023

Project
**62, 78 & 80 PAPAURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
SWALE
CROSS-SECTIONS**

Project no.	194006		
Scale	AS SHOWN		
Cad file	C300- ROADING.DWG		
Drawing no.	C337	Rev	H



REFER TO DRAWINGS C306A & C307A

REFER TO DRAWINGS C306B & C307B

REFER TO DRAWINGS C306C & C307C



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01/09/2023

71 PAKURA-CLEVEDON ROAD
PT ALLOT 9 PSH OR WAIROA

PAPAKURA-CLEVEDON ROAD

144 PAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381, LOT 2 DP 186158

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Line Marking

---	EX BDY
---	PROP BDY
---	WC100R (30m)
---	WC100R
---	Y1100R1x1
---	WC300R

Legend

AC	AC PAVING
K&C	KERB AND CHANNEL
PR SW MANHOLE	PR SW MANHOLE
PR CATCHPIT	PR CATCHPIT
PR STREET LIGHT	PR STREET LIGHT
PR STREET SIGN	PR STREET SIGN
PR ROAD NAME SIGN	PR ROAD NAME SIGN
PR TACTILE PAVERS	PR TACTILE PAVERS
PR SPEED CUSHION	PR SPEED CUSHION
PR BERM	PR BERM
PR CONCRETE FOOTPATH (BRUSHED CONC)	PR CONCRETE FOOTPATH (BRUSHED CONC)
PR ASPHALT ROAD	PR ASPHALT ROAD

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
D	EPA	ML	08/2022
Rev	Description	By	Date
Survey	-	-	-
Design	JV	12/2021	
Drawn	ML	12/2021	
Checked	JP	12/2021	

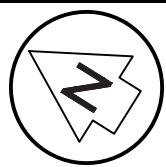


Project
**62, 78 & 80 PAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED PAKURA -
CLEVEDON ROADING
OVERVIEW**

Project no.	194006
Scale	1:1250@ A3
Cad file	C305- ROADING INTERSECTION UPGRADE.WG
Drawing no.	C305
Rev	H

RESOURCE CONSENT



EX FOOTPATH

EX POWERPOLE

EX VEHICLE CROSSING

PROP FOOTPATH BE TIED IN TO EXISTING

65 PAKAKURA-CLEVEDON ROAD
LOT 1 DP 65298



BUN60399307

Approved Resource Consent Plan

01/09/2023

RESOURCE CONSENT

54 PAKAKURA-CLEVEDON ROAD
LOT 1 DP 88575

PR PW-30 ROAD SIGN

EX VEHICLE CROSSING

EX KERB AND CHANNEL

EX FOOTPATH

EX POWERPOLE

EX KERB & CHANNEL

PAKAKURA-CLEVEDON ROAD

EX TELECOM

EX VEHICLE CROSSING

EX POST BOX

EX ROAD CENTERLINE

PROPOSED TYPE 3 EXTRUDED STANDARD KERB
& CHANNEL TO TIE INTO EXISTING PAVEMENT

CHC

12. All kerbing, channels and edge beams shall have 4kg black oxide.
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Line Marking

---	EX BDY
---	PROP BDY
CENTER LINE 1-	WC100R (30m)
CENTER LINE 2-	WC100R
NO STOPPING LINE-	Y1100R1x1
LIMIT LINE-	WC300R

Legend

AC	AC PAVING
K&C	KERB AND CHANNEL
	PR SW MANHOLE
	PR CATCHPIT
	PR STREET LIGHT
	PR STREET SIGN
	PR ROAD NAME SIGN
	PR TACTILE PAVERS
	PR SPEED CUSHION
	PR BERM
	PR CONCRETE FOOTPATH (BRUSHED CONC)
	PR ASPHALT ROAD

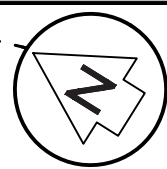
H	S92 RFI	ML	04/2023
G	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
D	EPA	ML	08/2022
Rev	Description	By	Date
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Survey	-	-	-
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Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED PAKAKURA -
CLEVEDON ROADING
PLAN**

Project no.	194006
Scale	1:250@ A3
Cad file	C305- ROADING INTERSECTION UPGRADE.DWG
Drawing no.	C306A
Rev	H



71 PAKAKURA-CLEVEDON ROAD
PT ALLOT 9 PSH OR WAIROA

PROPOSED SWEDISH STYLE SPEED TABLE, REFER TO C343 FOR DETAILS

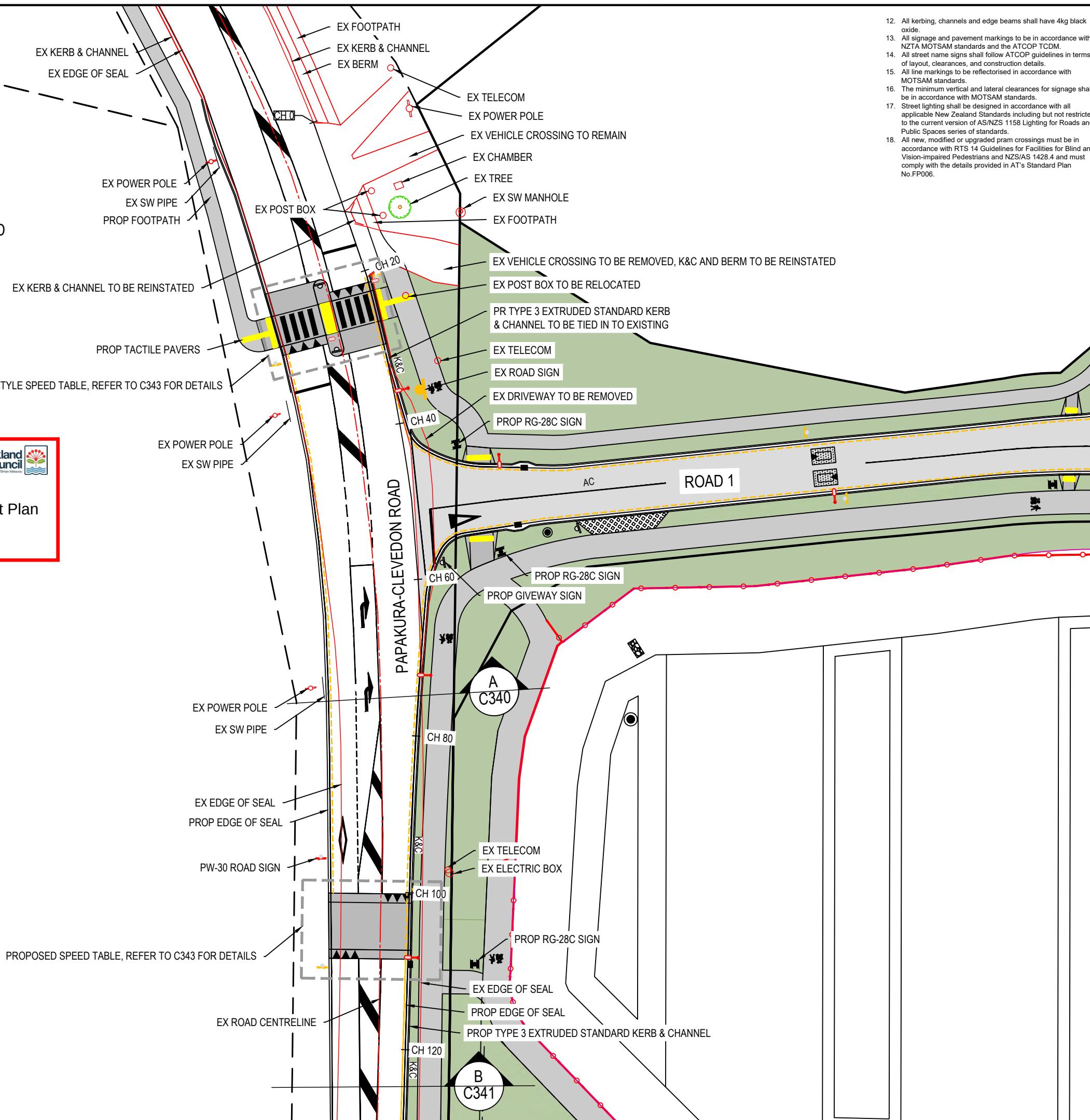


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Approved Resource Consent Plan

01/09/2023

RESOURCE CONSENT



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 9. All ducts shall have locations marked on kerb lines in accordance with specification.
 10. Pram crossings are to be flush to the channel with no lip.
 11. All kerb and channel to have sawcuts at max. 4m centres

Line Marking

---	EX BDY
---	PROP BDY
---	WC100R (30m)
---	WC100R
---	Y1100R1x1
---	WC300R

Legend

AC	AC PAVING
K&C	KERB AND CHANNEL
PR SW MANHOLE	PR SW MANHOLE
PR CATCHPIT	PR CATCHPIT
PR STREET LIGHT	PR STREET LIGHT
PR STREET SIGN	PR STREET SIGN
PR ROAD NAME SIGN	PR ROAD NAME SIGN
PR TACTILE PAVERS	PR TACTILE PAVERS
PR SPEED CUSHION	PR SPEED CUSHION

PR BERM
PR CONCRETE FOOTPATH (BRUSHED CONC)
PR ASPHALT ROAD

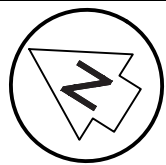
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G	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
D	EPA	ML	08/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	JV	12/2021	
Drawn	ML	12/2021	
Checked	JP	12/2021	



Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED PAKAKURA -
CLEVEDON ROADING
PLAN**

Project no.	194006
Scale	1:500@ A3
Cad file	C305- ROADING INTERSECTION UPGRADE.WG
Drawing no.	C306B
Rev	H





BUN60399307
Approved Resource Consent Plan

01/09/2023

71 PAKAKURA-CLEVEDON ROAD
PT ALLOT 9 PSH OR WAIROA

RESOURCE CONSENT

EX EDGE OF SEAL
PROP EDGE OF SEAL
EX POWER POLE
EX SW PIPE
EX SIGNAGE AND MARKING-BASED THRESHOLD
(CHANGE FROM 80 KPH TO 50 KPH)
PROPOSED TO BE RETAINED

EX ROAD SIGN
EX POWER POLE
EX SW PIPE
EX EDGE OF SEAL
EX ROAD SIGN
EX SW PIPE
EX POWER POLE

CH 140

CH 160

CH 180

CH 200

CH 220

CH 240

CH 260

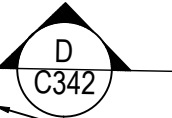
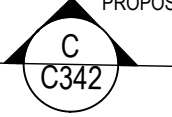
EX SIGNAGE AND MARKING-BASED THRESHOLD
(CHANGE FROM 80 KPH TO 50 KPH)
PROPOSED TO BE RELOCATED

EX TELECOM
EX POWER POLE
EX EDGE OF SEAL
PROP EDGE OF SEAL
PROP TYPE 3 EXTRUDED
STANDARD KERB & CHANNEL
EX VEHICLE CROSSING TO BE REMOVED
EX POST BOX

EX TELECOM

EX TELECOM

EX POWER POLE
EX VEHICLE CROSSING TO BE REMOVED



ROAD 3

12. All kerbing, channels and edge beams shall have 4kg black oxide.

13. All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.

14. All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.

15. All line markings to be reflectorised in accordance with MOTSAM standards.

16. The minimum vertical and lateral clearances for signage shall be in accordance with MOTSAM standards.

17. Street lighting shall be designed in accordance with all applicable New Zealand Standards including but not restricted to the current version of AS/NZS 1158 Lighting for Roads and Public Spaces series of standards.

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- Notes

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5. The contractor shall obtain all necessary approval from utility operators before commencing work under or near their services.

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9. All ducts shall have locations marked on kerb lines in accordance with specification.

10. Pram crossings are to be flush to the channel with no lip.

11. All kerb and channel to have sawcuts at max. 4m centres

Line Marking

EX BDY
PROP BDY
WC100R (30m)
WC100R
Y1100R1x1
WC300R

Center Line 1-
Center Line 2-
No Stopping Line-
Limit Line-

Legend

AC
K&C
AC PAVING
KERB AND CHANNEL
PR SW MANHOLE
PR CATCHPIT
PR STREET LIGHT
PR STREET SIGN
PR ROAD NAME SIGN
PR TACTILE PAVERS
PR SPEED CUSHION
PR BERM
PR CONCRETE FOOTPATH
(BRUSHED CONC)
PR ASPHALT ROAD

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
D	EPA	ML	08/2022
Rev	Description	By	Date
Survey	-	-	-
Design	JV	12/2021	
Drawn	ML	12/2021	
Checked	JP	12/2021	

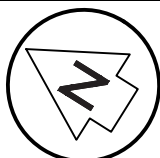


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5 Owens Road, Epsom
Auckland 1023

Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED PAKAKURA -
CLEVEDON ROADING
PLAN**

Project no.	194006
Scale	1:500@ A3
Cad file	C305- ROADING INTERSECTION UPGRADE.WG
Drawing no.	C306C
Rev	H



- 12. All kerbing, channels and edge beams shall have 4kg black oxide.
- 13. All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.
- 14. All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
- 15. All line markings to be reflectorised in accordance with MOTSAM standards.
- 16. The minimum vertical and lateral clearances for signage shall be in accordance with MOTSAM standards.
- 17. Street lighting shall be designed in accordance with all applicable New Zealand Standards including but not restricted to the current version of AS/NZS 1158 Lighting for Roads and Public Spaces series of standards.
- 18. All new, modified or upgraded pram crossings must be in accordance with RTS 14 Guidelines for Facilities for Blind and Vision-impaired Pedestrians and NZS/AS 1428.4 and must comply with the details provided in AT's Standard Plan No.FP006.



BUN60399307
Approved Resource Consent Plan
01/09/2023

54 PAPA KURA-CLEVEDON ROAD
LOT 1 DP 88575

65 PAPA KURA-CLEVEDON ROAD
LOT 1 DP 65298

PAPA KURA-CLEVEDON ROAD

ADVANCE WARNING DIAMOND SYMBOL

PROP NO STOPPING LINE

PROP FLUSH MEDIAN

- Notes
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Line Marking

---	EX BDY
---	PROP BDY
CENTER LINE 1-	WC100R (30m)
CENTER LINE 2-	WC100R
NO STOPPING LINE-	Y1100R1x1
LIMIT LINE-	WC300R

Legend

AC	AC PAVING
K&C	KERB AND CHANNEL
	PR SW MANHOLE
	PR CATCHPIT
	PR STREET LIGHT
	PR STREET SIGN
	PR ROAD NAME SIGN
	PR TACTILE PAVERS
	PR SPEED CUSHION
	PR BERM
	PR CONCRETE FOOTPATH (BRUSHED CONC)
	PR ASPHALT ROAD

H	S92 RFI	ML	04/2023
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Project
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CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED PAPA KURA -
CLEVEDON ROADING
LINE MARKING PLAN**

Project no.	194006
Scale	1:250@ A3
Cad file	C305- ROADING INTERSECTION UPGRADE.11WG
Drawing no.	C307A
Rev	H

RESOURCE CONSENT

DATE: 4/2/23



BUN60399307

Approved Resource Consent Plan

01/09/2023

71 PAPAKURA-CLEVEDON ROAD
PT ALLOT 9 PSH OR WAIROA

RESOURCE CONSENT

12. All kerbing, channels and edge beams shall have 4kg black oxide.
13. All signage and pavement markings to be in accordance with NZTA MOTSA standards and the ATCOP TCOD.
14. All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
15. All line markings to be reletterised in accordance with MOTSA standards.
16. The minimum vertical and lateral clearances for signage shall be in accordance with MOTSA standards.
17. Street lighting shall be designed in accordance with all applicable New Zealand Standards including but not restricted to the current version of AS/NZS 1158 Lighting for Roads and Public Spaces series of standards.
18. All new, modified or upgraded pavement crossings must be in accordance with RTS 14 Guidelines for Facilities for Blind and Vision-impaired Pedestrians and NZS/AS 1428.4 and must comply with the details provided in AT's Standard Plan No.FP006.

Notes

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11. All kerb and channel to have sawcuts at max. 4m centres

Line Marking

---	EX BDY
---	PROP BDY
CENTER LINE 1-	WC100R (30m)
CENTER LINE 2-	WC100R
NO STOPPING LINE-	Y1100R1x1
LIMIT LINE-	WC300R

Legend

	AC PAVING
	KERB AND CHANNEL
	PR SW MANHOLE
	PR CATCHPIT
	PR STREET LIGHT
	PR STREET SIGN
	PR ROAD NAME SIGN
	PR TACTILE PAVERS
	PR SPEED CUSHION

PR BERM	1.00
PR CONCRETE FOOTPATH (BRUSHED CONC)	1.00
PR ASPHALT ROAD	1.00

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	02/2023
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D	EPA	ML	08/2022

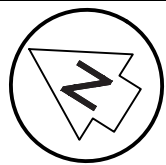
Rev	Description	By	Date
	By	Date	
Survey	-	-	
Design	JV	12/2021	
Drawn	ML	12/2021	
Checked	JP	12/2021	



Project
**62, 78 & 80 PAPA KURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED PAKAKURA -
CLEVEDON ROADING
LINE MARKING PLAN**

Project no.	194006		
Scale	1:500@ A3		
Cad file	C305- ROADING INTERSECTION UPGRADE.DWG		
Drawing no.	C307B	Rev	H



SPEED LIMIT PAVEMENT MARKING
150mm WIDE REFLECTORISED WHITE LINE
PROP NO STOPPING LINE

BUN60399307

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PT ALLOT 9 PSH OR WAIROA

PAPAKURA-CLEVEDON ROAD

ROAD 3

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M **Maven Associates**
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Auckland 1023

Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED PAKAKURA -
CLEVEDON ROADING
LINE MARKING PLAN**

Project no.	194006
Scale	1:500@ A3
Cad file	C305- ROADING INTERSECTION UPGRADE.WG
Drawing no.	C307C
Rev	H

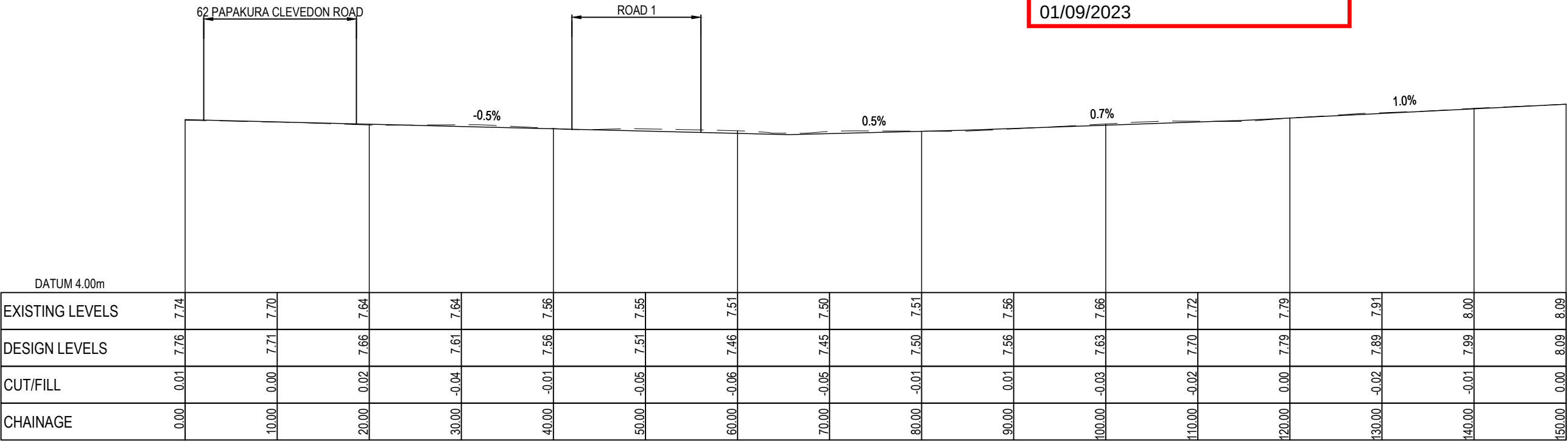
RESOURCE CONSENT

DATE: 4/2/23

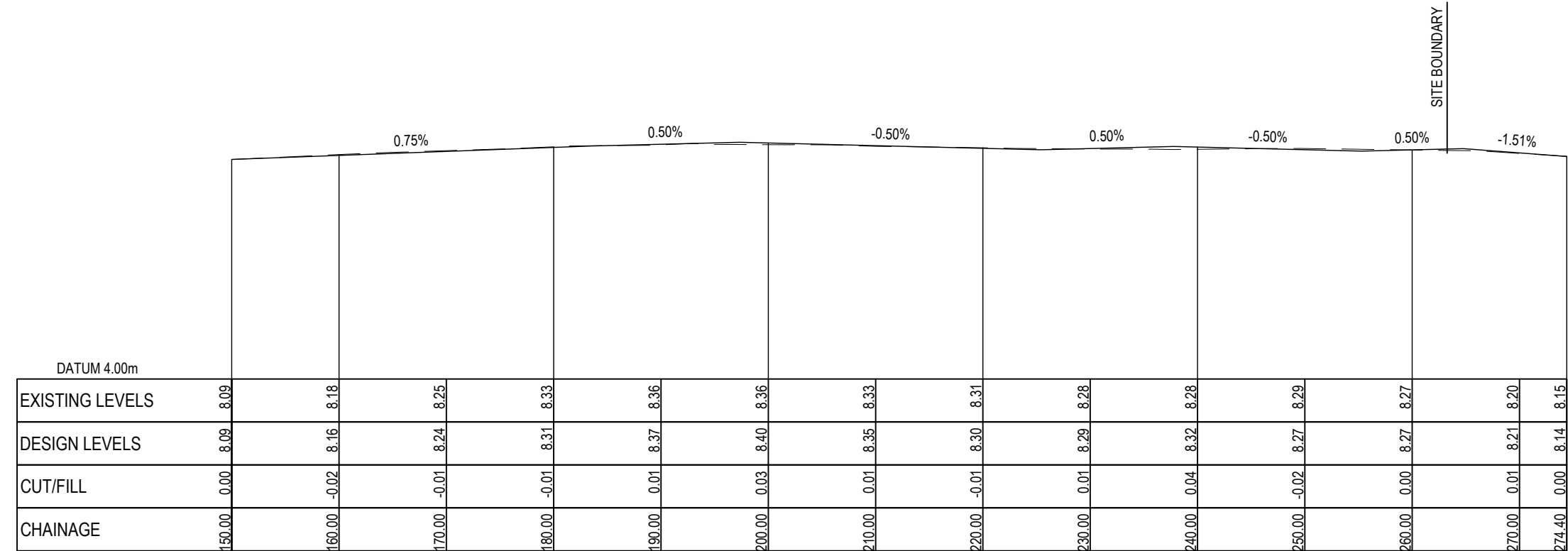


BUN60399307
Approved Resource Consent Plan

01/09/2023



EX CLEVEDON ROAD
SCALE: HORI 1:500 VERT 1:100



EX CLEVEDON ROAD CONTINUED
SCALE: HORI 1:500 VERT 1:100

RESOURCE CONSENT

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Rev	Description	By	Date
	By	Date	
Survey	-	-	
Design	JV	12/2021	
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M

M A E N

Maven Associates

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5 Owens Road, Epsom

Auckland 1023

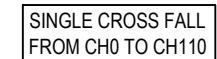
Project

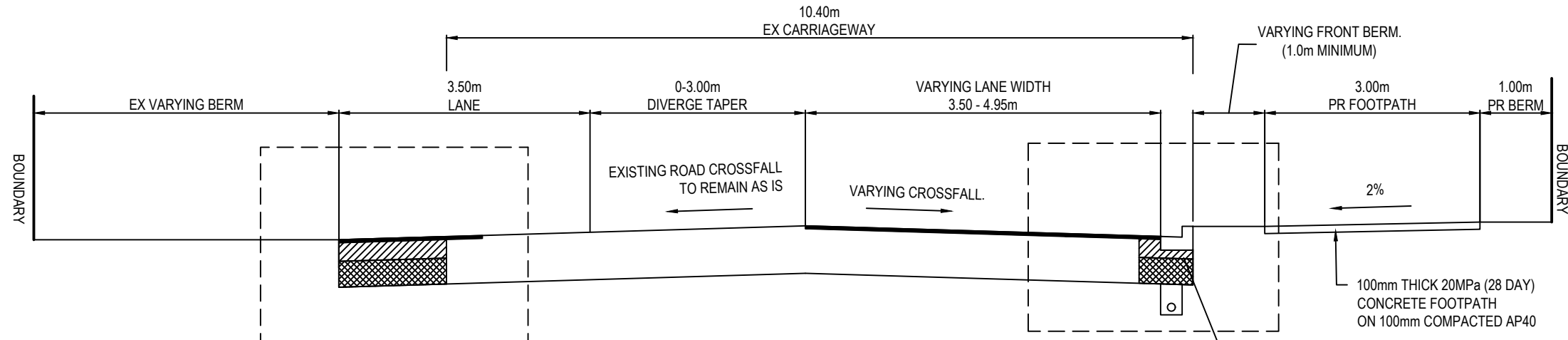
62, 78 & 80 PAPA KURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD

Title

PROPOSED PAPA KURA -
CLEVEDON ROAD
LONG-SECTION

Project no.	194006		
Scale	AS SHOWN		
Cad file	C305- ROADING INTERSECTION UPGRADE.1		
Drawing no.	C308	Rev	H





BUN60399307

Approved Resource Consent Plan

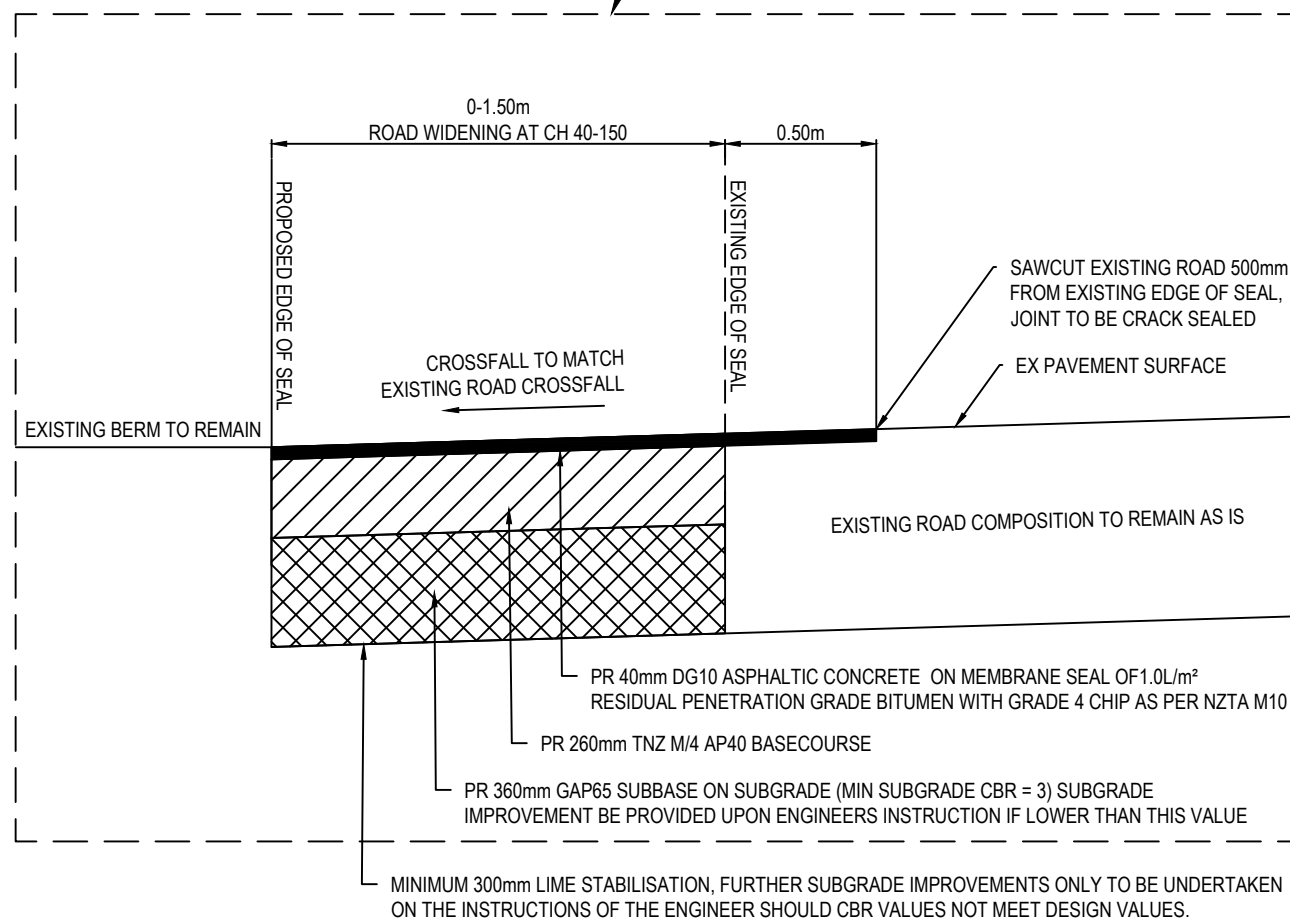
01/09/2023

B
C306B

TYPICAL CROSS SECTION - CLEVEDON-PAPAKURA ROAD DOUBLE CROSSFALL

SCALE 1:75 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

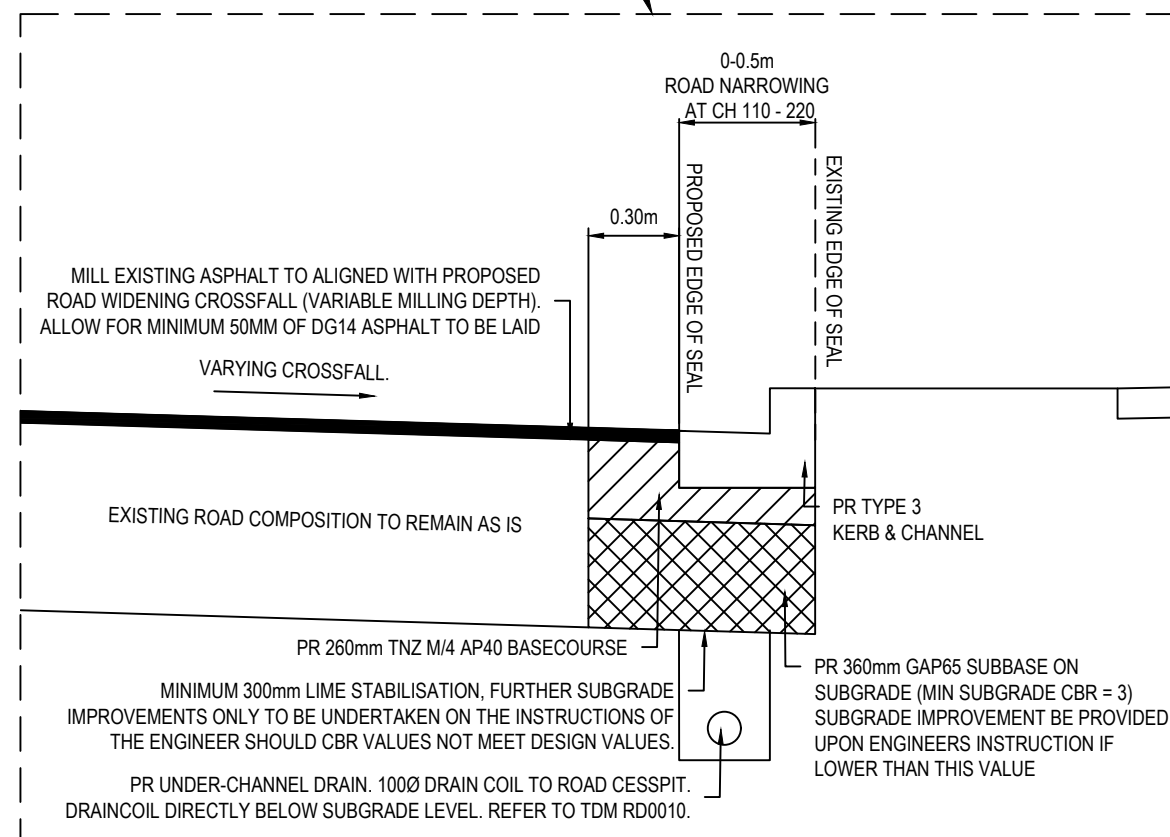
DOUBLE CROSS FALL
FROM CH110 TO CH270



B1

TYPICAL CROSS SECTION - CLEVEDON-PAPAKURA ROAD WIDENING (CH 40 - 150)

SCALE 1:25 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0



B2

TYPICAL CROSS SECTION - CLEVEDON-PAPAKURA ROAD NARROWING (CH 110 - 270)

SCALE 1:25 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

Papakura Clevedo Road	(600mm lime stabilised CBR11%)	(300mm lime stabilised CBR11%)	
Natural CBR	CBR 2%	CBR 3%	CBR 4%
Base course	400	260	200
Subbase	-	360	200
Subbase (4-5% cement)	400	-	-

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- Pram crossings are to be flush to the channel with no lip.
- All kerb and channel to have sawcuts at max. 4m centres.
- All kerbing, channels and edge beams shall have 4kg black oxide.
- All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.
- All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
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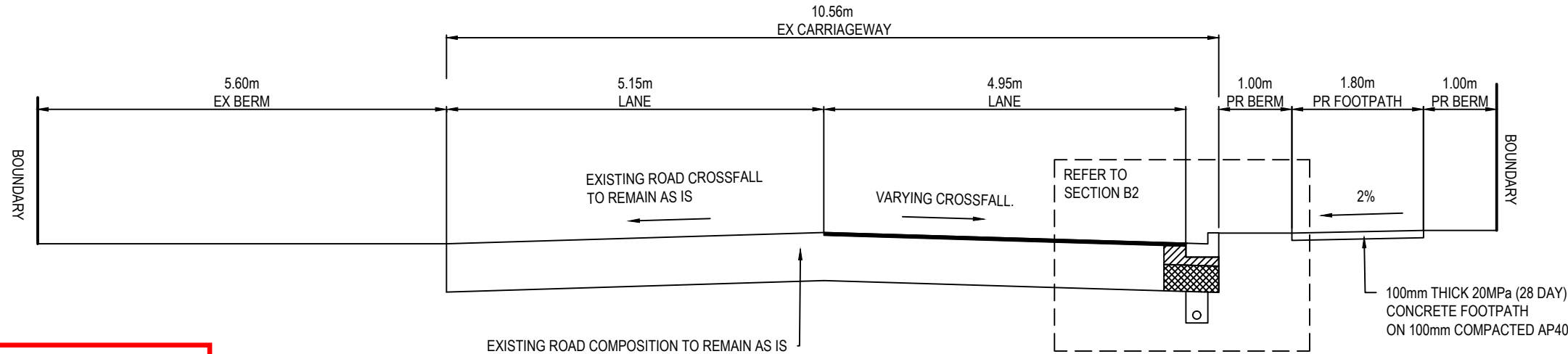


Project
**62, 78 & 80 PAPAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

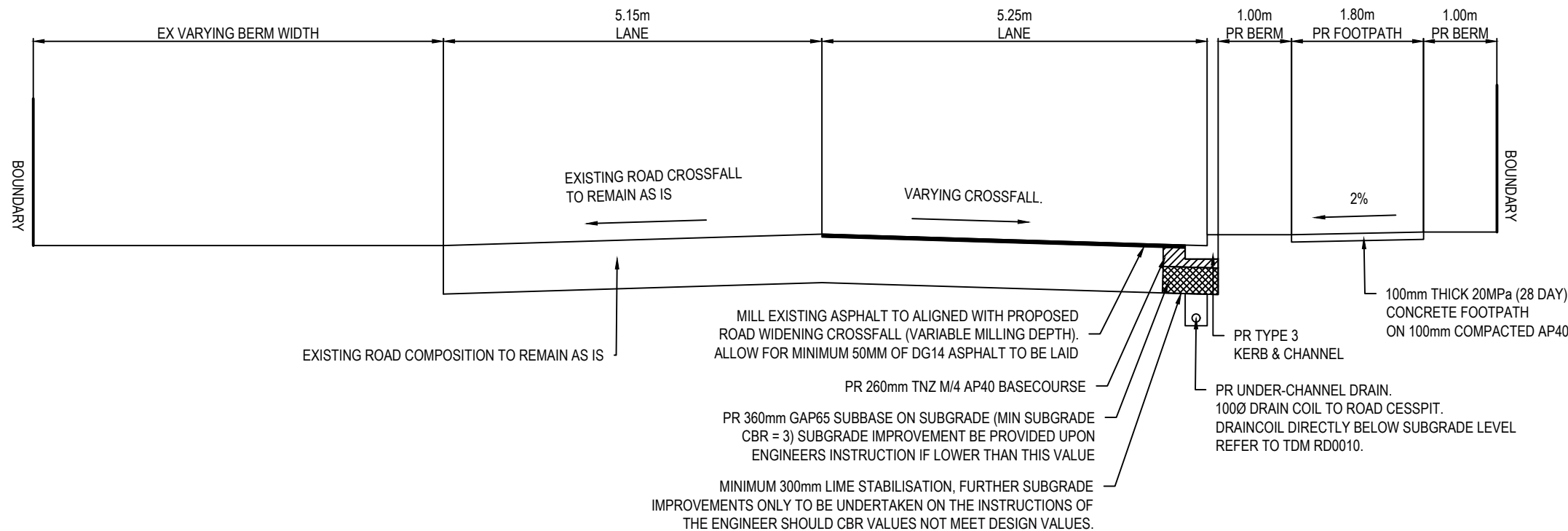
Title
**PROPOSED PAPAKURA -
CLEVEDON ROADING
CROSS-SECTIONS**

Project no.	194006
Scale	AS SHOWN
Cad file	C305- ROADING INTERSECTION UPGRADE.DWG
Drawing no.	C341
Rev	H

RESOURCE CONSENT



C
C306C
TYPICAL CROSS SECTION - CLEVEDON-PAPAKURA ROAD
SCALE 1:75 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0



D
C306C
TYPICAL CROSS SECTION - CLEVEDON-PAPAKURA ROAD
SCALE 1:75 @ A3
DESIGN BASED ON MINIMUM CBR OF 3.0

Papakura Clevedo Road	(600mm lime stabilised CBR11%)	(300mm lime stabilised CBR11%)	
Natural CBR	CBR 2%	CBR 3%	CBR 4%
Base course	400	260	200
Subbase	-	360	200
Subbase (4-5% cement)	400	-	-

- Notes
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 - Contractor is to avoid using GPS for set out of the kerb levels where gradients less than 1%.
 - It is the contractors responsibility to locate all services that may be affected by his operations.
 - The contractor shall comply with all relevant Health and Safety requirements.
 - The contractor shall obtain all necessary approval from utility operators before commencing work under or near their services.
 - Final pavement design subject to CBR/Beam tests on subgrade material.
 - Setout schedule with co-ordinates of chainage points along road centreline to be supplied to the contractor prior to construction.
 - Refer to long section for finished centreline levels. Refer to typical cross sections to obtain levels for other locations
 - All ducts shall have locations marked on kerb lines in accordance with specification.
 - Pram crossings are to be flush to the channel with no lip.
 - All kerb and channel to have sawcuts at max. 4m centres.
 - All kerbing, channels and edge beams shall have 4kg black oxide.
 - All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.
 - All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
 - All line markings to be reflectorised in accordance with MOTSAM standards.
 - The minimum vertical and lateral clearances for signage shall be in accordance with MOTSAM standards.
 - Street lighting shall be designed in accordance with all applicable New Zealand Standards including but not restricted to the current version of AS/NZS 1158 Lighting for Roads and Public Spaces series of standards.
 - All new, modified or upgraded pram crossings must be in accordance with RTS 14 Guidelines for Facilities for Blind and Vision-impaired Pedestrians and NZS/AS 1428.4 and must comply with the details provided in AT's Standard Plan No.FP006.

H	S92 RFI	ML	04/2023
G	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
D	EPA	ML	08/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	JV		12/2021
Drawn	ML		12/2021
Checked	JP		12/2021

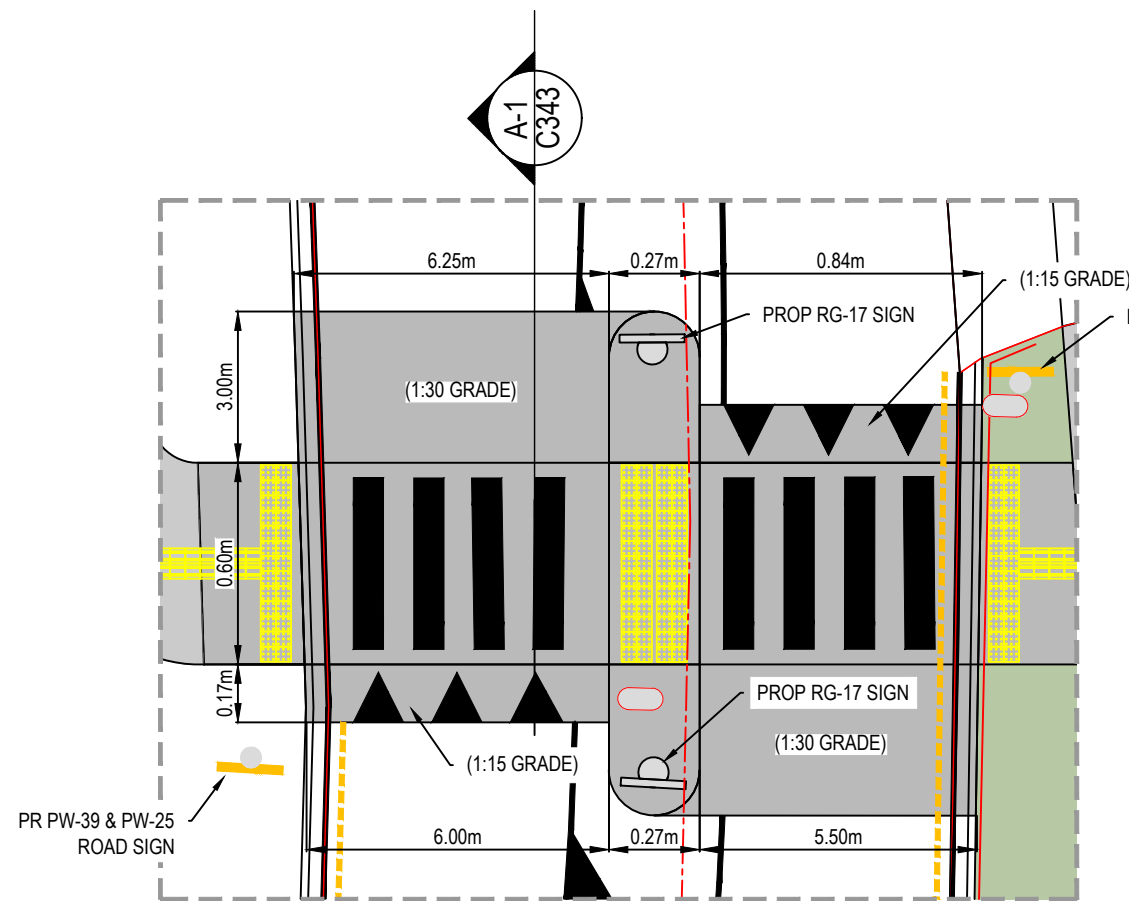
M

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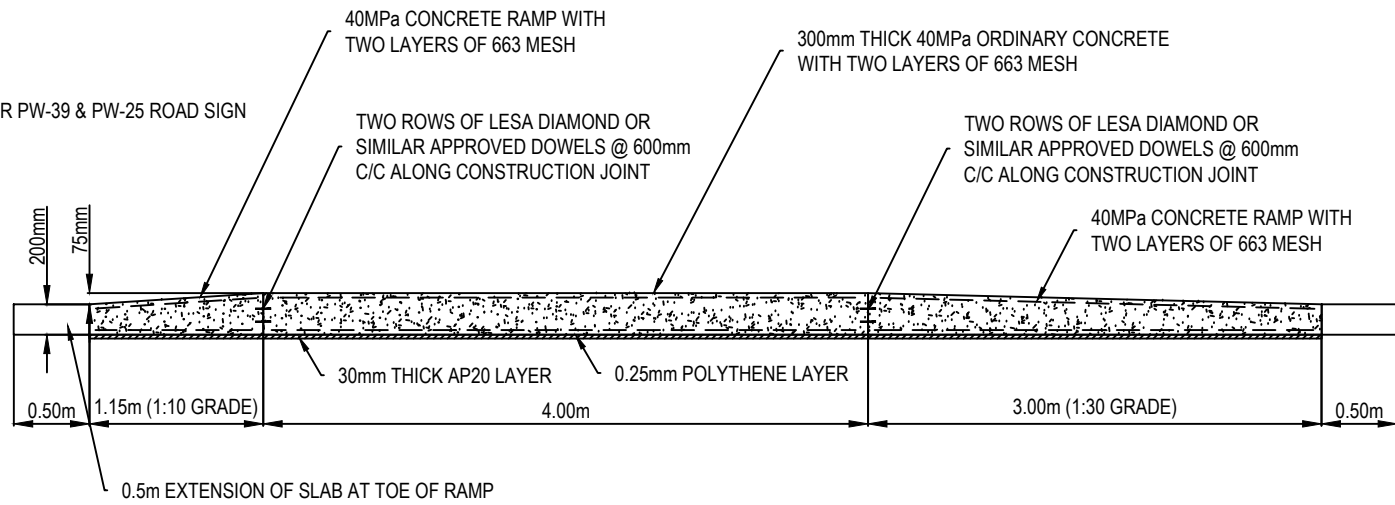
Project
**62, 78 & 80 PAPAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED PAPAKURA -
CLEVEDON ROADING
CROSS-SECTIONS**

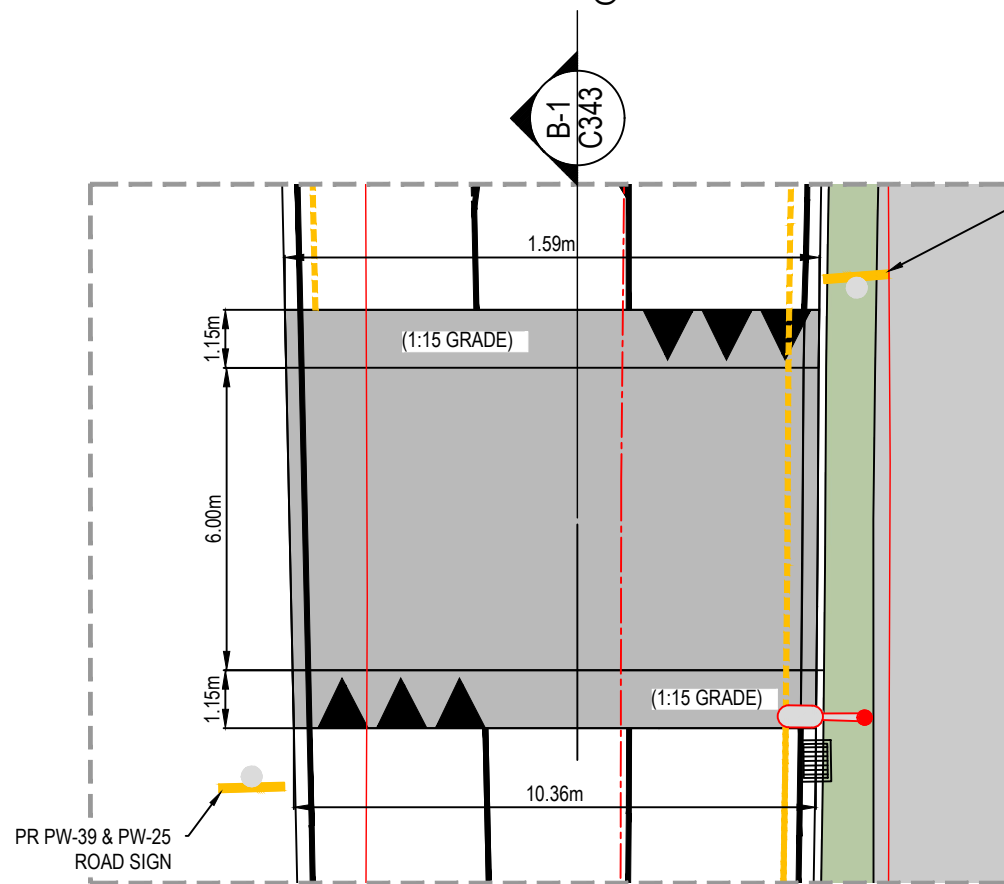
Project no.	194006
Scale	AS SHOWN
Cad file	C305- ROADING INTERSECTION UPGRADE
Drawing no.	C342
Rev	H



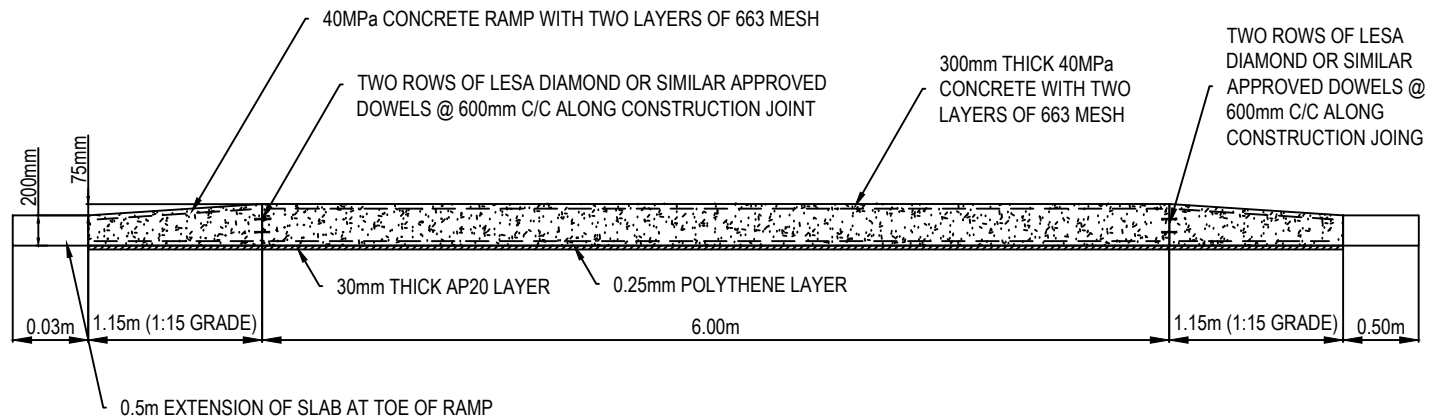
PROPOSED SWEDISH STYLE SPEED TABLE ON PAKAKURA-CLEVEDON ROAD.
SCALE 1:150 @ A3



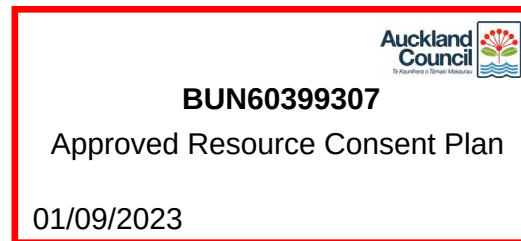
PROPOSED SWEDISH STYLE SPEED TABLE SECTION A-1.
SCALE 1:50 @ A3



PROPOSED SPEED TABLE ON PAKAKURA-CLEVEDON ROAD.
SCALE 1:150 @ A3



PROPOSED SPEED TABLE SECTION B-1.
SCALE 1:50 @ A3



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G	EPA RFI	ML	02/2023
E	EPA RFI	ML	10/2022
D	EPA	ML	08/2022
Rev	Description	By	Date
Survey	-	-	-
Design	JV		12/2021
Drawn	ML		12/2021
Checked	JP		12/2021

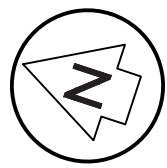


Project
62, 78 & 80 PAKAKURA - CLEVEDON ROAD, CLEVEDON, AUCKLAND FOR CLEVEDON PROPERTIES LTD

Title
PROPOSED PAKAKURA - CLEVEDON ROAD SPEED TABLE DETAILS

Project no.	194006
Scale	AS SHOWN
Cad file	C305- ROADING INTERSECTION UPGRADE.DWG
Drawing no.	C343
Rev	H

RESOURCE CONSENT





BUN60399307
Approved Resource Consent Plan
01/09/2023

- STAGE 1
- STAGE 2
- STAGE 3
- STAGE 4

- Notes
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- Line Marking
- EX BDY
- PROP BDY
- PROP STAGE BDY
- PROP NAAST
- CENTER LINE 1- WC100R (30m)
- CENTER LINE 2- WC100R
- NO STOPPING LINE- Y1100R1x1
- LIMIT LINE- WC300R

- Legend
- RG-6 GIVE WAY SIGN
- PW-39 & PW-30 ROAD SIGN
- PW-30 ROAD SIGN
- RG-28C ROAD SIGN
- TACTILE PAVERS
- SPEED CUSHION (TC0007)
- SPEED HUMP (TC0001)
- LANDSCAPE

C	S92 RFI	ML	04/2023
B	EPA RFI	ML	02/2023
A	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	ML	10/2022	
Checked	WM	10/2022	



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Project
**62, 78 & 80 PAPA KURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROAD MARKING &
SIGNAGE PLAN**

Project no.	194006		
Scale	1:5000@A3		
Cad file	C360 - LINE MARKING PLAN.DWG		
Drawing no.	C360	Rev	C

- REFER DRAWING C361
- REFER DRAWING C362
- REFER DRAWING C363
- REFER DRAWING C364
- REFER DRAWING C365
- REFER DRAWING C366
- REFER DRAWING C367
- REFER DRAWING C368
- REFER DRAWING C369

73R MONUMENT ROAD

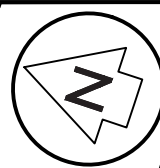
107 MONUMENT ROAD
LOT 1 DP 90733

190 PAPA KURA-CLEVEDON ROAD
PT ALLT 2 PARO WAIROA,
PT ALLT 21 PARO WAIROA

144 PAPA KURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

RESOURCE CONSENT

DATE: 4/1/23





BUN60399307
Approved Resource Consent Plan
01/09/2023

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Line Marking

---	EX BDY
---	PROP BDY
---	PROP STAGE BDY
---	PROP NAAST
---	CENTER LINE 1- WC100R (30m)
---	CENTER LINE 2- WC100R
---	NO STOPPING LINE- Y1100R1x1
---	LIMIT LINE- WC300R

Legend

	RG-6 GIVE WAY SIGN
	PW-39 & PW-30 ROAD SIGN
	PW-30 ROAD SIGN
	RG-28C ROAD SIGN
	TACTILE PAVERS
	SPEED CUSHION (TC0007)
	SPEED HUMPS (TC0001)
	LANDSCAPE

C	S92 RFI	ML	04/2023
B	EPA RFI	ML	02/2023
A	EPA RFI	ML	10/2022
Rev	Description	By	Date
Survey			
Design	RK		12/2021
Drawn	ML		10/2022
Checked	WM		10/2022



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Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

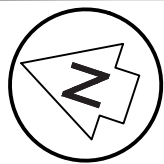
Title
**PROPOSED
ROAD MARKING &
SIGNAGE PLAN**

Project no.	194006
Scale	1:750@A3
Cad file	C360 - LINE MARKING PLAN.DWG
Drawing no.	C361
Rev	C

REFER TO PLANS C305 FOR ADDITIONAL
ROAD MARKING & SIGNAGE PLANS FOR
PAKAKURA - CLEVEDON ROAD.

RESOURCE CONSENT

DATE: 4/10/23



BUN60399307
Approved Resource Consent Plan

01/09/2023

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---	PROP BDY
---	PROP STAGE BDY
---	PROP NAAST
---	CENTER LINE 1- WC100R (30m)
---	CENTER LINE 2- WC100R
---	NO STOPPING LINE- Y100R1x1
---	LIMIT LINE- WC300R

Legend

	RG-6 GIVE WAY SIGN
	PW-39 & PW-30 ROAD SIGN
	PW-30 ROAD SIGN
	RG-28C ROAD SIGN
	TACTILE PAVERS
	SPEED CUSHION (TC0007)
	SPEED HUMP (TC0001)
	LANDSCAPE

C	S92 RFI	ML	04/2023
B	EPA RFI	ML	02/2023
A	EPA RFI	ML	10/2022
Rev	Description	By	Date
Survey			
Design	RK		12/2021
Drawn	ML		10/2022
Checked	WM		10/2022



Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

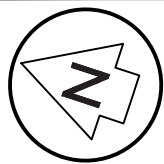
Title
**PROPOSED
ROAD MARKING &
SIGNAGE PLAN**

Project no.	194006
Scale	1:750@A3
Cad file	C360 - LINE MARKING PLAN.DWG
Drawing no.	C362
Rev	C



DATE: 4/10/23

RESOURCE CONSENT



BUN60399307

Approved Resource Consent Plan

01/09/2023

- Notes
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Line Marking	
	EX BDY
	PROP BDY
	PROP STAGE BDY
	PROP NAAST
CENTER LINE 1-	WC100R (30m)
CENTER LINE 2-	WC100R
NO STOPPING LINE-	Y1100R1x1
LIMIT LINE-	WC300R
Legend	
	RG-6 GIVE WAY SIGN
	PW-39 & PW-30 ROAD SIGN
	PW-30 ROAD SIGN
	RG-28C ROAD SIGN
	TACTILE PAVERS
	SPEED CUSHION (TC0007)
	SPEED HUMP (TC0001)
	LANDSCAPE

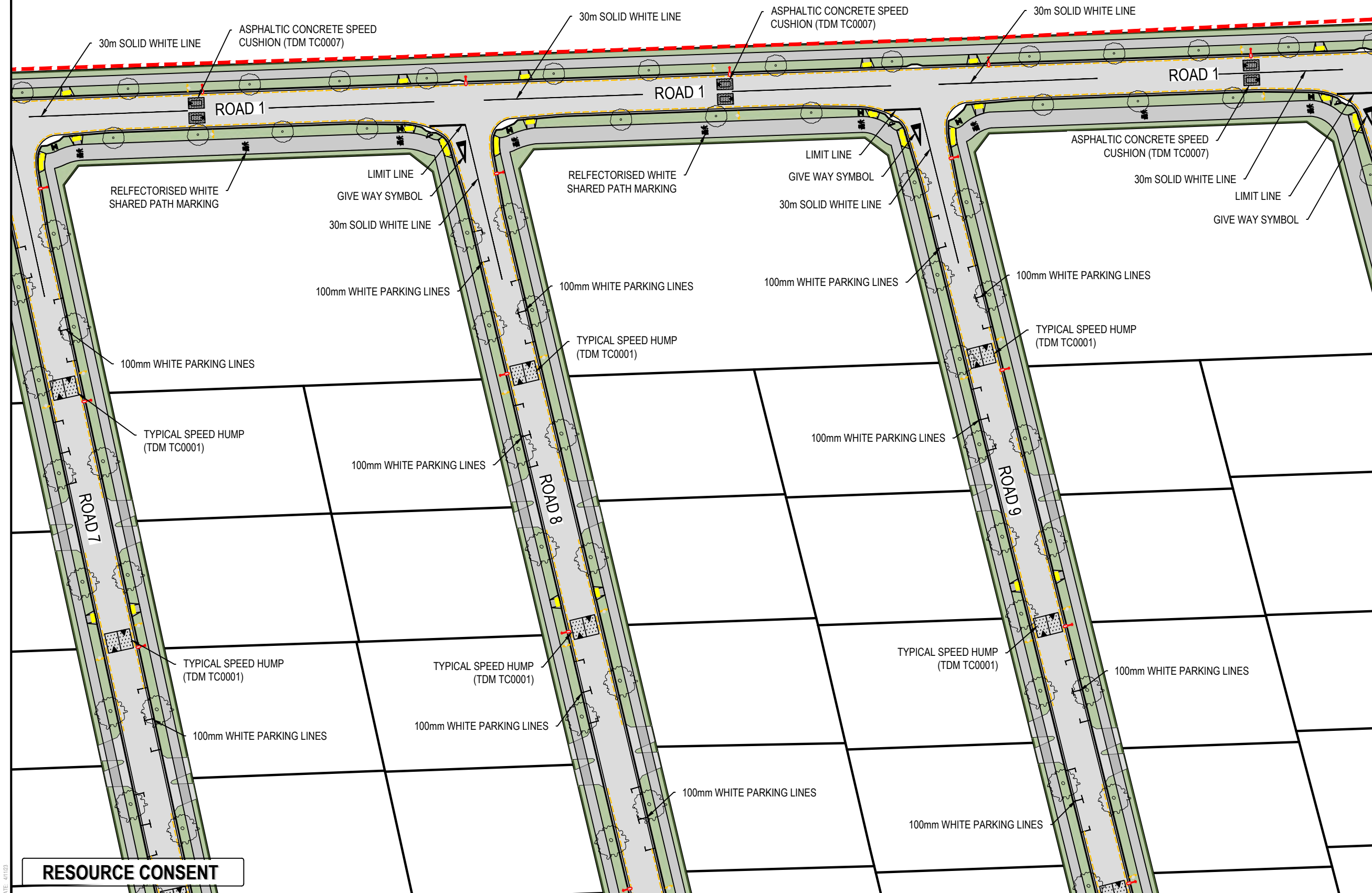
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B	EPA RFI	ML	02/2023
A	EPA RFI	ML	10/2022
Rev	Description	By	Date
		By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	ML	10/2022	
Checked	WM	10/2022	



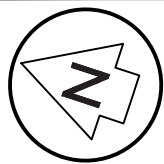
Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROAD MARKING &
SIGNAGE PLAN**

Project no.	194006
Scale	1:750@A3
Cad file	C360 - LINE MARKING PLAN.DWG
Drawing no.	C363
Rev	C



DATE: 4/11/23



BUN60399307

Approved Resource Consent Plan

01/09/2023

Notes

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---	EX BDY
---	PROP BDY
---	PROP STAGE BDY
---	PROP NAAST
---	CENTER LINE 1- WC100R (30m)
---	CENTER LINE 2- WC100R
---	NO STOPPING LINE- Y1100R1x1
---	LIMIT LINE- WC300R

Legend

	RG-6 GIVE WAY SIGN
	PW-39 & PW-30 ROAD SIGN
	PW-30 ROAD SIGN
	RG-28C ROAD SIGN
	TACTILE PAVERS
	SPEED CUSHION (TC0007)
	SPEED HUMP (TC0001)
	LANDSCAPE

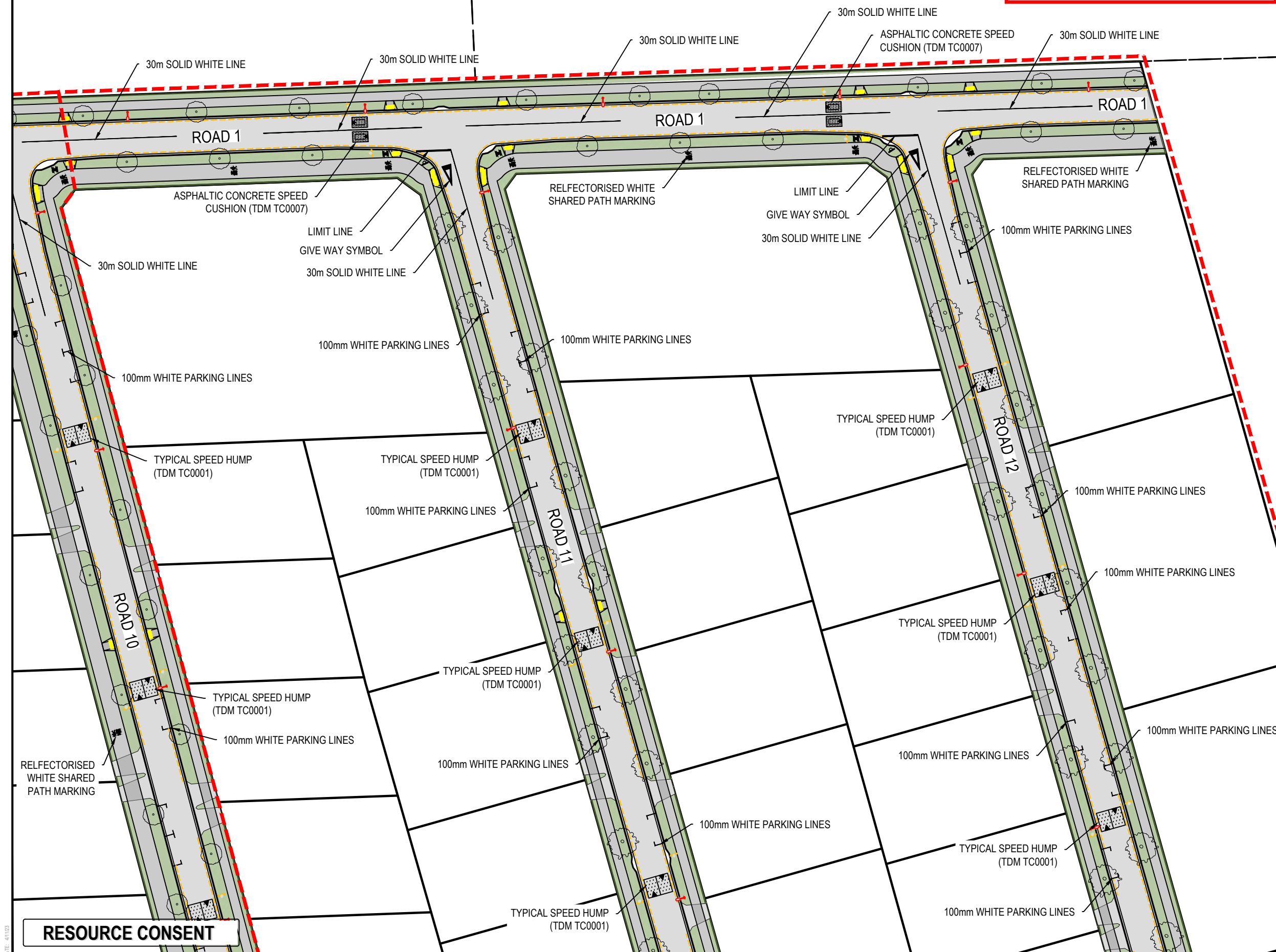
C	S92 RFI	ML	04/2023
B	EPA RFI	ML	02/2023
A	EPA RFI	ML	10/2022
Rev	Description	By	Date
Survey			
Design	RK		12/2021
Drawn	ML		10/2022
Checked	WM		10/2022

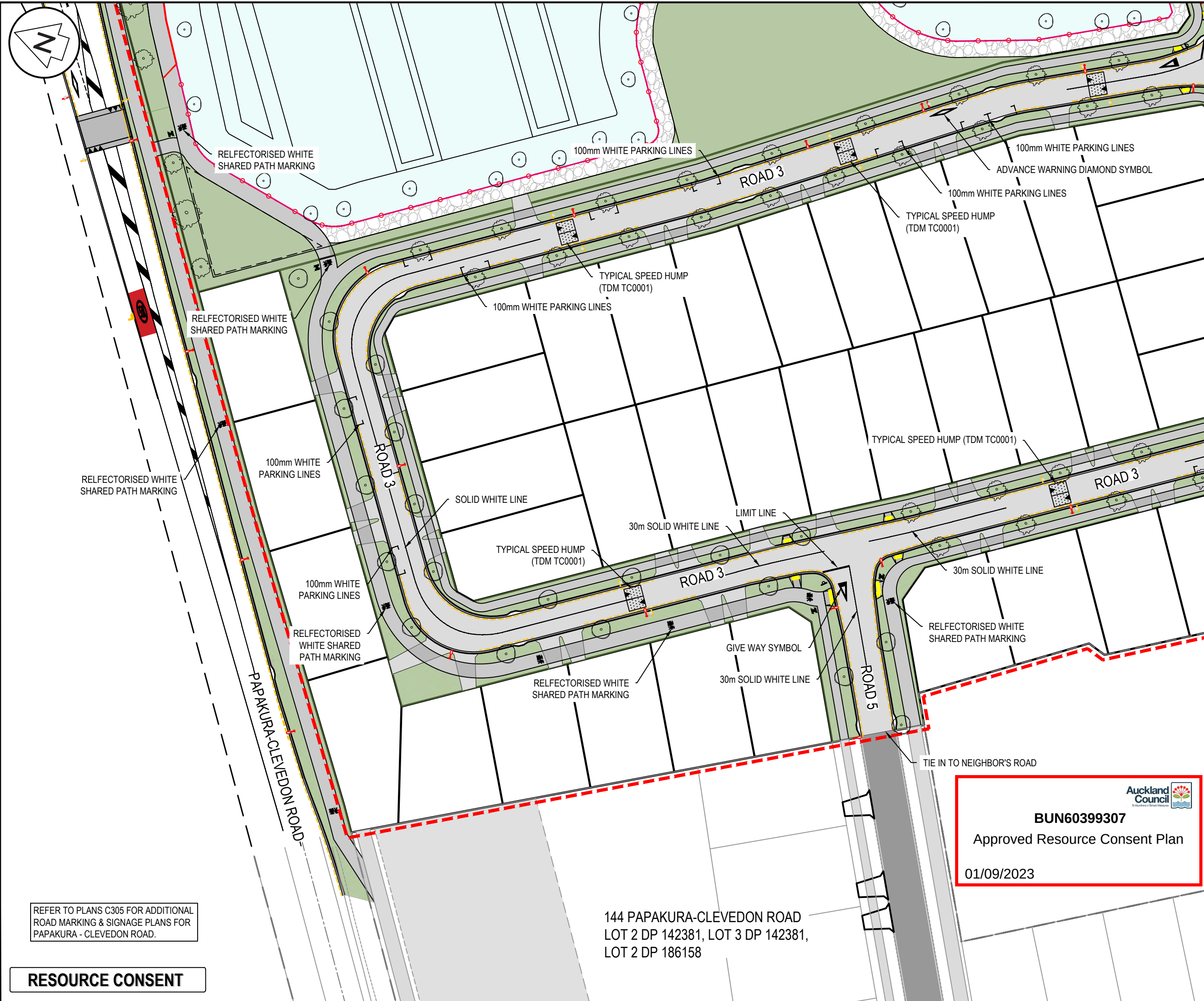


Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROAD MARKING &
SIGNAGE PLAN**

Project no.	194006
Scale	1:750@A3
Cad file	C360 - LINE MARKING PLAN.DWG
Drawing no.	C364
Rev	C





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---	PROP NAAST

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CENTER LINE 2- WC100R
NO STOPPING LINE- Y1100R1x1
LIMIT LINE- WC300R

Legend

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	PW-30 ROAD SIGN
	RG-28C ROAD SIGN
	TACTILE PAVERS
	SPEED CUSHION (TC0007)
	SPEED HUMP (TC0001)
	LANDSCAPE

C	S92 RFI	ML	04/2023
B	EPA RFI	ML	02/2023
A	EPA RFI	ML	10/2022
Rev	Description	By	Date
Survey	-	-	-
Design	RK	12/2021	
Drawn	ML	10/2022	
Checked	WM	10/2022	

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Project
**62, 78 & 80 PAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROAD MARKING &
SIGNAGE PLAN**

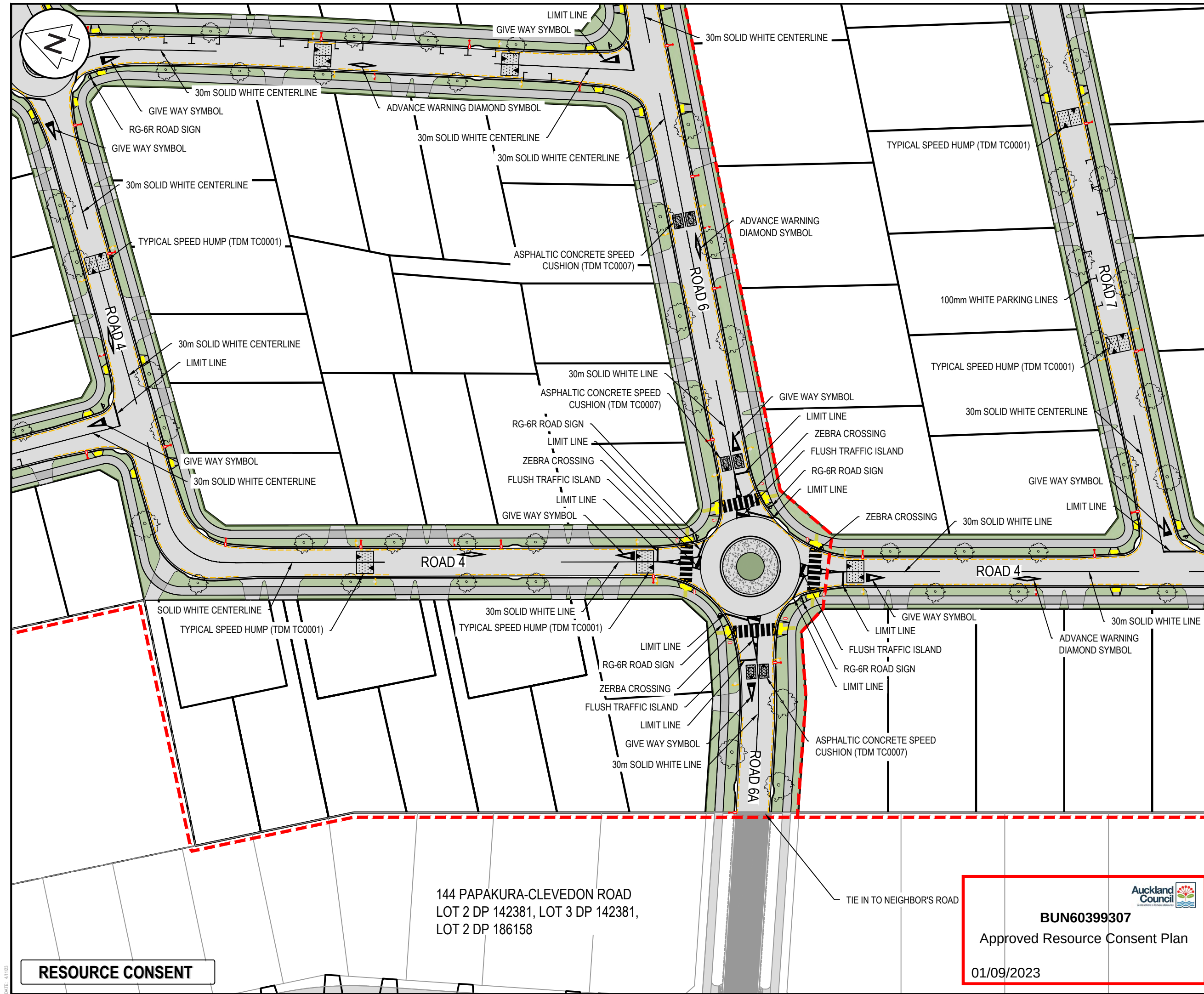
Project no.	194006		
Scale	1:750@A3		
Cad file	C360 - LINE MARKING PLAN.DWG		
Drawing no.	C365	Rev	C

BUN60399307
Approved Resource Consent Plan
01/09/2023

REFER TO PLANS C305 FOR ADDITIONAL
ROAD MARKING & SIGNAGE PLANS FOR
PAKURA - CLEVEDON ROAD.

144 PAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

RESOURCE CONSENT



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---	PROP STAGE BDY
---	PROP NAAST
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---	CENTER LINE 2- WC100R
---	NO STOPPING LINE- Y1100R1x1
---	LIMIT LINE- WC300R

Legend

	RG-6 GIVE WAY SIGN
	PW-39 & PW-30 ROAD SIGN
	PW-30 ROAD SIGN
	RG-28C ROAD SIGN
	TACTILE PAVERS
	SPEED CUSHION (TC0007)
	SPEED HUMP (TC0001)
	LANDSCAPE

C	S92 RFI	ML	04/2023
B	EPA RFI	ML	02/2023
A	EPA RFI	ML	10/2022
Rev	Description	By	Date

Survey	-	By	-	Date	-
Design	RK	-	-	12/2021	-
Drawn	ML	-	-	10/2022	-
Checked	WM	-	-	10/2022	-



Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROAD MARKING &
SIGNAGE PLAN**

Project no.	194006		
Scale	1:750@A3		
Cad file	C360 - LINE MARKING PLAN.DWG		
Drawing no.	C366	Rev	C

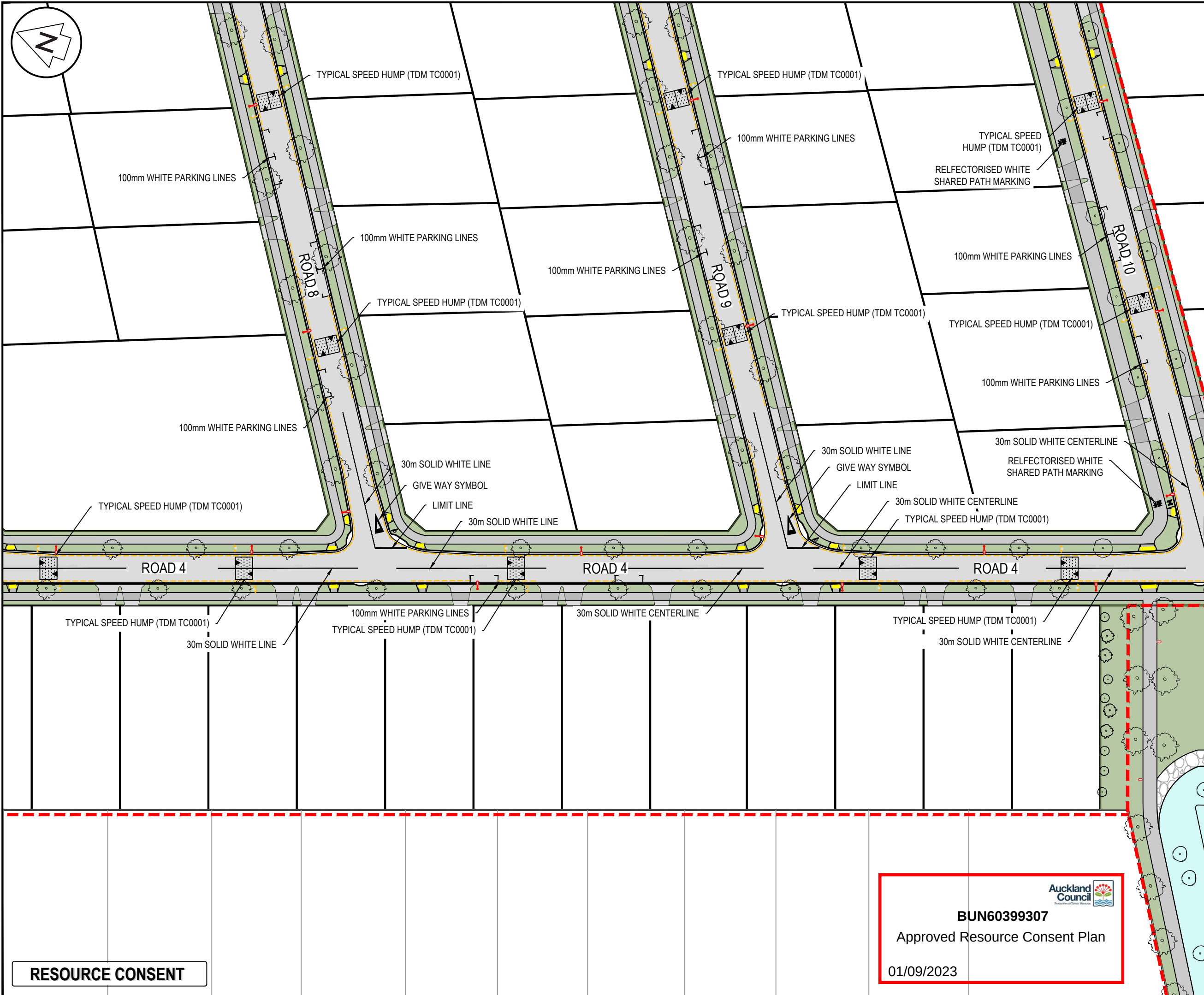
144 PAKAKURA-CLEVEDON ROAD
LOT 2 DP 142381, LOT 3 DP 142381,
LOT 2 DP 186158

RESOURCE CONSENT

BUN60399307
Approved Resource Consent Plan

01/09/2023





Notes

- All works to be in accordance with Auckland Council standards.
- Contractor is to avoid using GPS for set out of the kerb levels where gradients less than 1%.
- It is the contractors responsibility to locate all services that may be affected by his operations.
- The contractor shall comply with all relevant Health and Safety requirements.
- The contractor shall obtain all necessary approval from utility operators before commencing work under or near their services.
- Setout schedule with co-ordinates of chainage points along road centreline to be supplied to the contractor prior to construction.
- Pram crossings are to be flush to the channel with no lip.
- All signage and pavement markings to be in accordance with NZTA MOTSAM standards and the ATCOP TCDM.
- All street name signs shall follow ATCOP guidelines in terms of layout, clearances, and construction details.
- All line markings to be reflectorised in accordance with MOTSAM standards.
- The minimum vertical and lateral clearances for signage shall be in accordance with MOTSAM standards.
- Street lighting shall be designed in accordance with all applicable New Zealand Standards including but not restricted to the current version of AS/NZS 1158 Lighting for Roads and Public Spaces series of standards.

Line Marking

---	EX BDY
---	PROP BDY
---	PROP STAGE BDY
---	PROP NAAST
---	CENTER LINE 1- WC100R (30m)
---	CENTER LINE 2- WC100R
---	NO STOPPING LINE- Y1100R1x1
---	LIMIT LINE- WC300R

Legend

	RG-6 GIVE WAY SIGN
	PW-39 & PW-30 ROAD SIGN
	PW-30 ROAD SIGN
	RG-28C ROAD SIGN
	TACTILE PAVERS
	SPEED CUSHION (TC0007)
	SPEED HUMP (TC0001)
	LANDSCAPE

C	S92 RFI	ML	04/2023
B	EPA RFI	ML	02/2023
A	EPA RFI	ML	10/2022
Rev	Description	By	Date
Survey			
Design	RK		12/2021
Drawn	ML		10/2022
Checked	WM		10/2022

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Project

62, 78 & 80 PAKAKURA - CLEVEDON ROAD, CLEVEDON, AUCKLAND FOR CLEVEDON PROPERTIES LTD

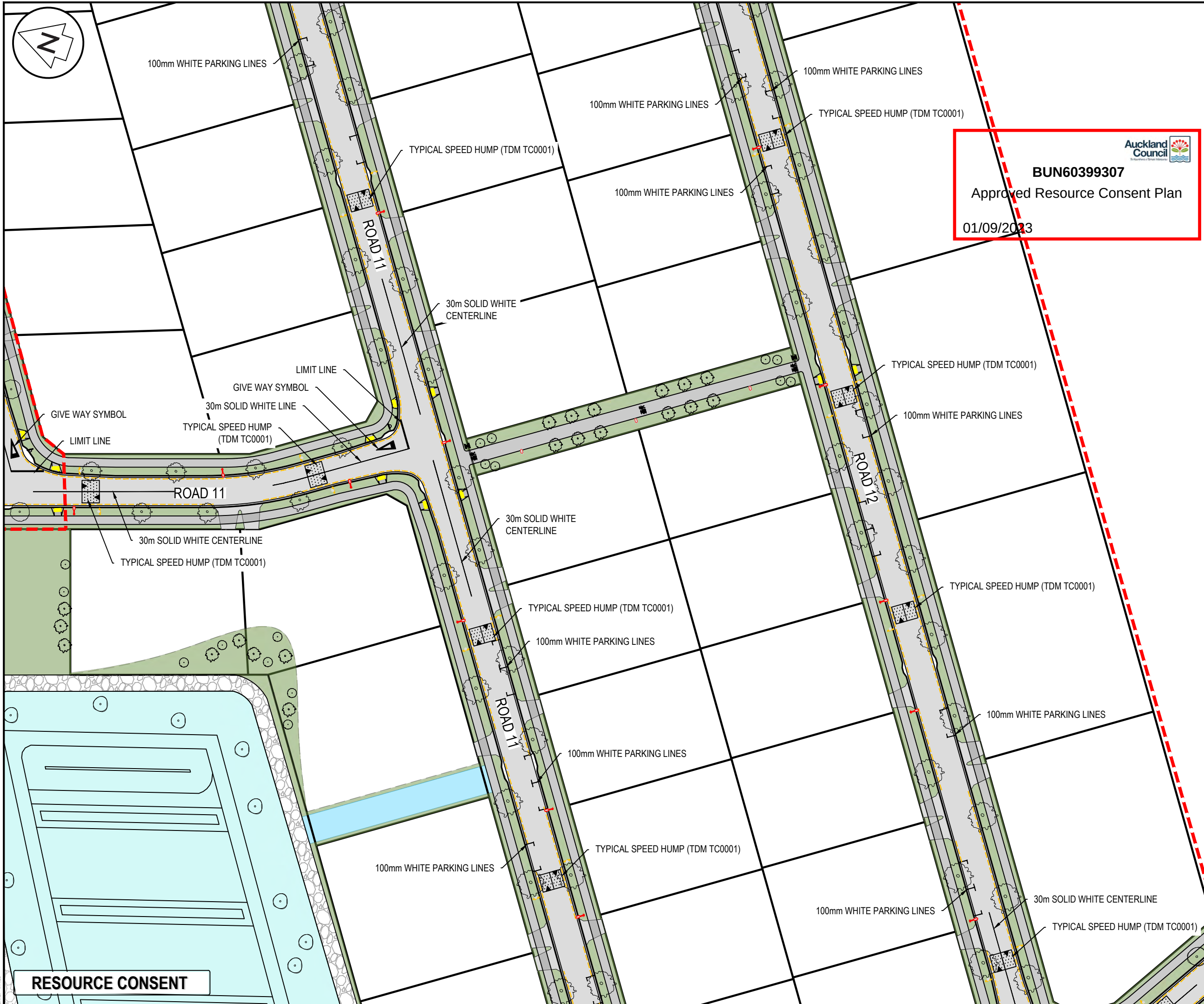
Title

PROPOSED ROAD MARKING & SIGNAGE PLAN

Project no.	194006		
Scale	1:750@A3		
Cad file	C360 - LINE MARKING PLAN.DWG		
Drawing no.	C367	Rev	C

RESOURCE CONSENT

BUN60399307
Approved Resource Consent Plan
01/09/2023



Auckland Council
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- Legend
- RG-6 GIVE WAY SIGN
 - PW-39 & PW-30 ROAD SIGN
 - PW-30 ROAD SIGN
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 - TACTILE PAVERS
 - SPEED CUSHION (TC0007)
 - SPEED HUMP (TC0001)
 - LANDSCAPE

C	S92 RFI	ML	04/2023
B	EPA RFI	ML	02/2023
A	EPA RFI	ML	10/2022
Rev	Description	By	Date
Survey	-		-
Design	RK		12/2021
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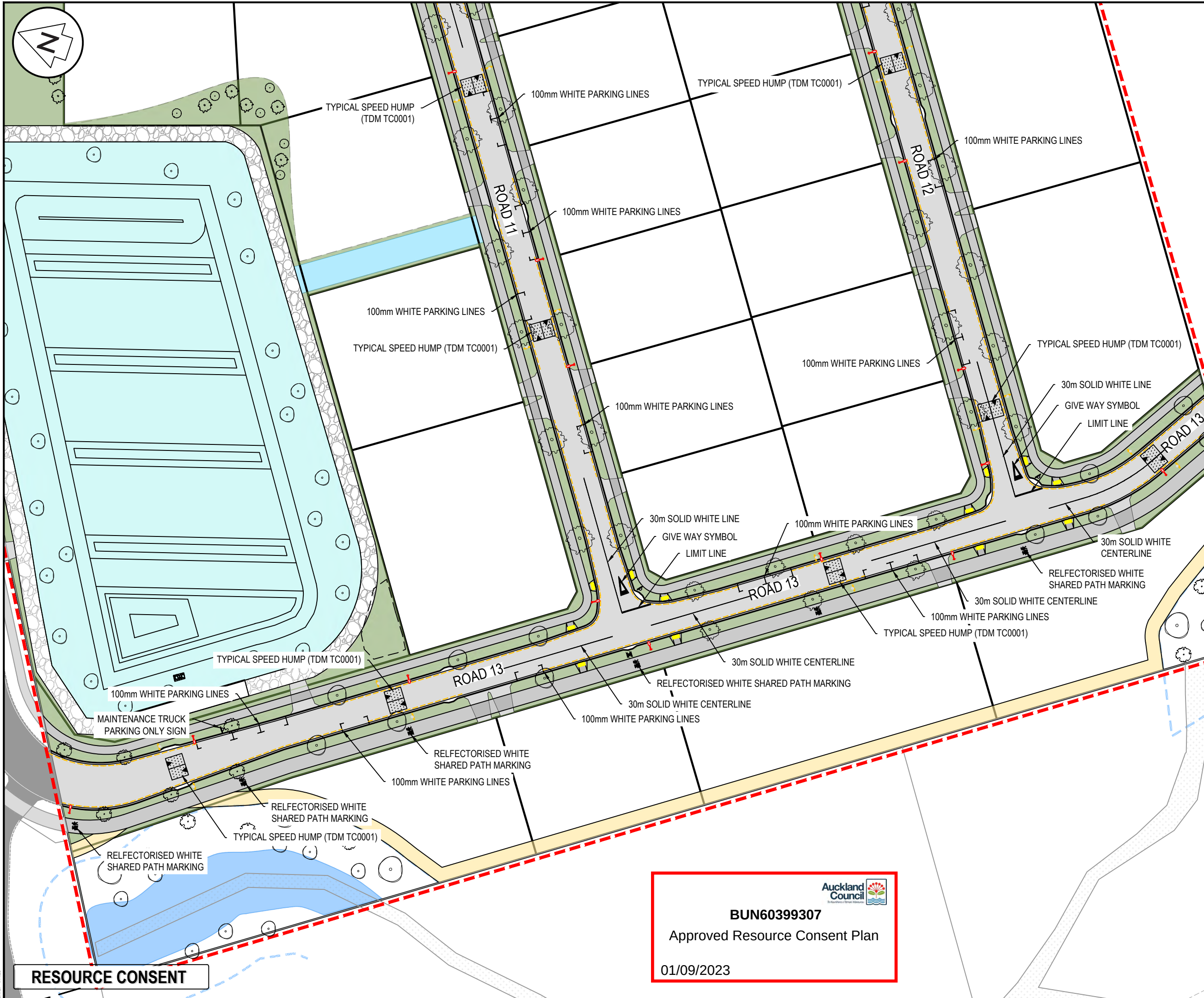
Project
**62, 78 & 80 PAKAKURA -
CLEVEDON ROAD,
CLEVEDON, AUCKLAND
FOR CLEVEDON
PROPERTIES LTD**

Title
**PROPOSED
ROAD MARKING &
SIGNAGE PLAN**

Project no.	194006
Scale	1:750@A3
Cad file	C360 - LINE MARKING PLAN.DWG
Drawing no.	C368
Rev	C

RESOURCE CONSENT

DATE: 4/11/23



- Notes
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Legend

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	PW-39 & PW-30 ROAD SIGN
	PW-30 ROAD SIGN
	RG-28C ROAD SIGN
	TACTILE PAVERS
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	LANDSCAPE

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Rev	Description	By	Date
Survey			
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Title
**PROPOSED
ROAD MARKING &
SIGNAGE PLAN**

Project no.	194006
Scale	1:750@A3
Cad file	C360 - LINE MARKING PLAN.DWG
Drawing no.	C369
Rev	C



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Approved Resource Consent Plan
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RESOURCE CONSENT

DATE: 4/11/23