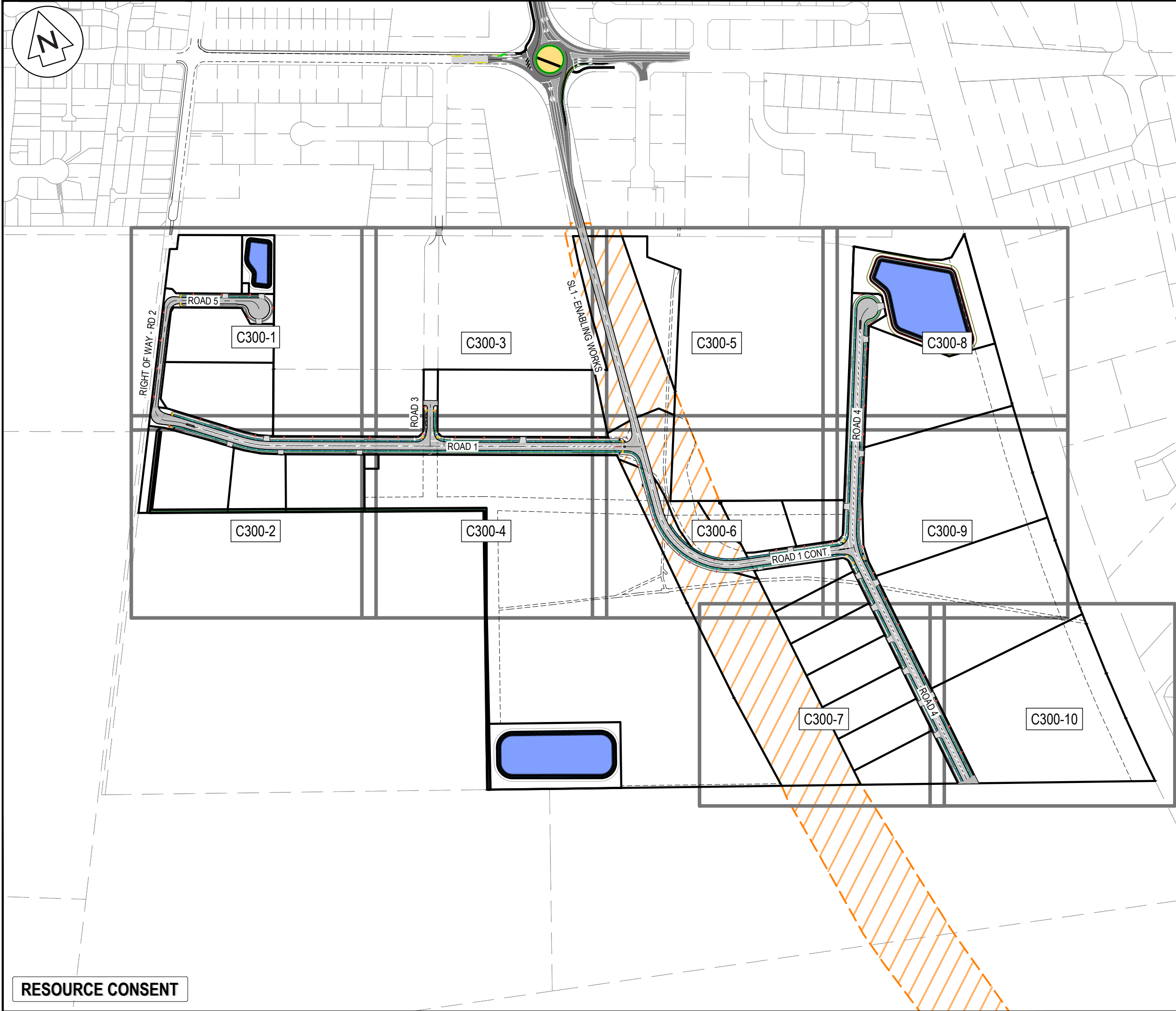




- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
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 8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LEGEND

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R3x7
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R
	EX BDY
	PROP BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K&C	KERB AND CHANNEL
K&N	KERB AND NIB
WS	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	RK		05/2025
Drawn	MJRA		05/2026
Checked	SM		09/2026

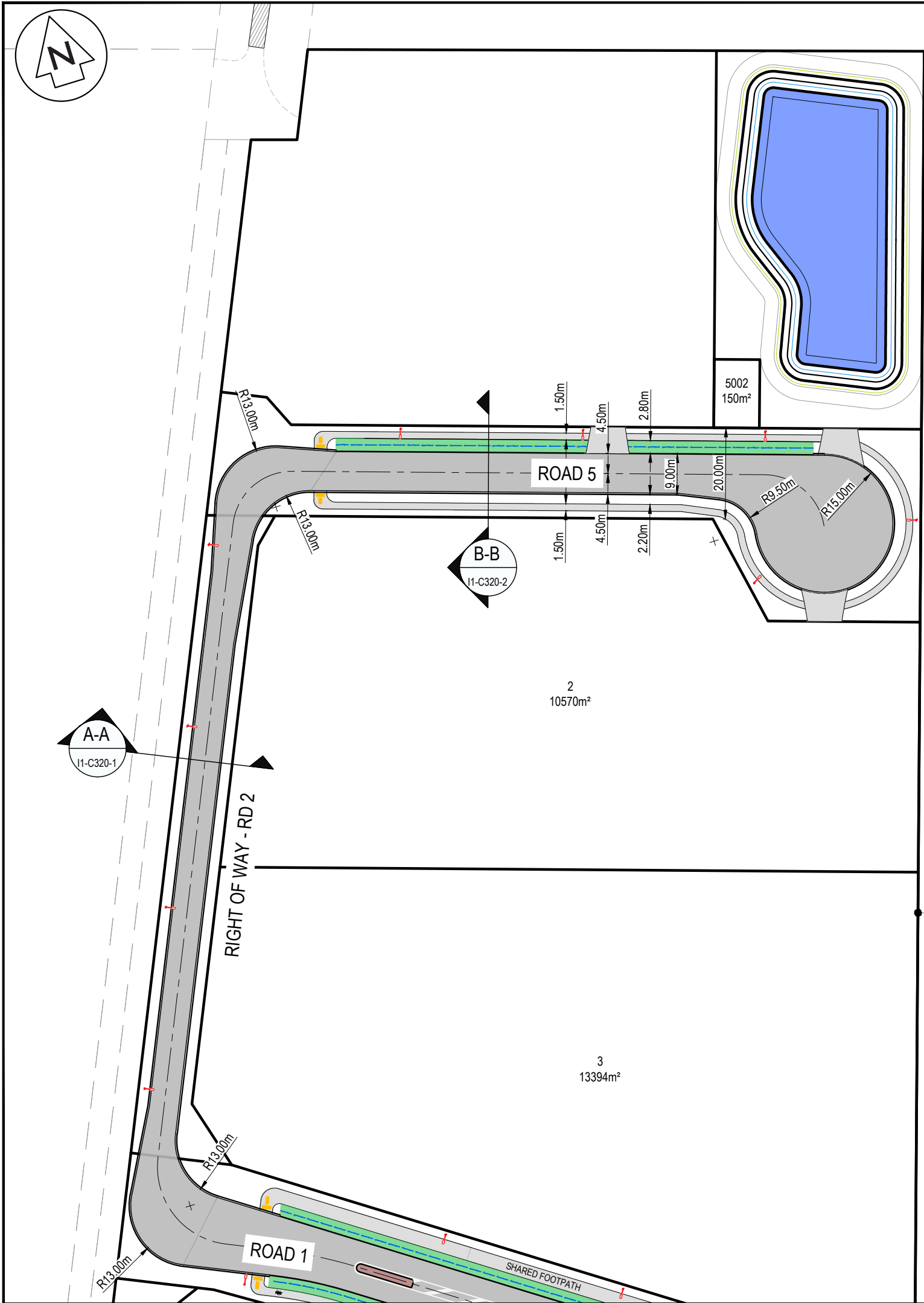


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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
ROADING
OVERVIEW**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C300 RD.DWG		
Drawing no.	I1-C300	Rev	A



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	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
	Survey	MAVEN	05/2025
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	Drawn	MJRA	05/2026
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Project

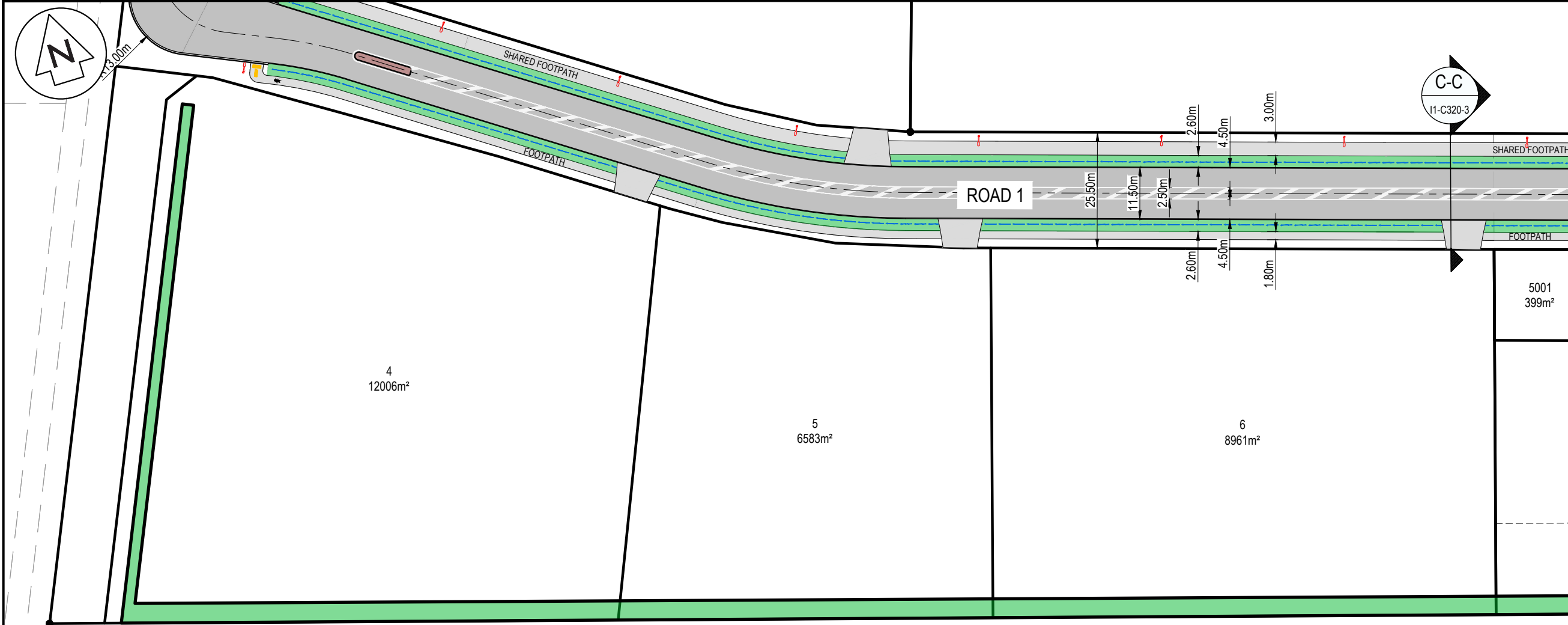
SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM

Title

PROPOSED
ROADING
PLAN

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-I1-C300 RD.DWG		
Drawing no.	I1-C300-1	Rev	A

RESOURCE CONSENT



- NOTES
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K&N	KERB AND NIB
WS	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
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SOUTHERN LINKS 1

INDUSTRIAL STAGE 1

HAMILTON, WAIKATO

FOR SL1

NORTHERN CONSORTIUM

Title

PROPOSED

ROADING

PLAN

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-I1-C300 RD.DWG		
Drawing no.	I1-C300-2	Rev	A

RESOURCE CONSENT



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LIMIT LINE	WC300R
	EX BDY
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AC	AC PAVING
CB	BRUSHED CONCRETE
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DC	DISH CHANNEL
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WS	WHEEL STOP
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	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
		By	Date
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Project

SOUTHERN LINKS 1

INDUSTRIAL STAGE 1

HAMILTON, WAIKATO

FOR SL1

NORTHERN CONSORTIUM

Title

PROPOSED

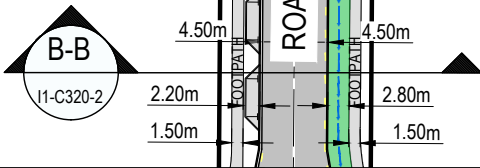
ROADING

PLAN

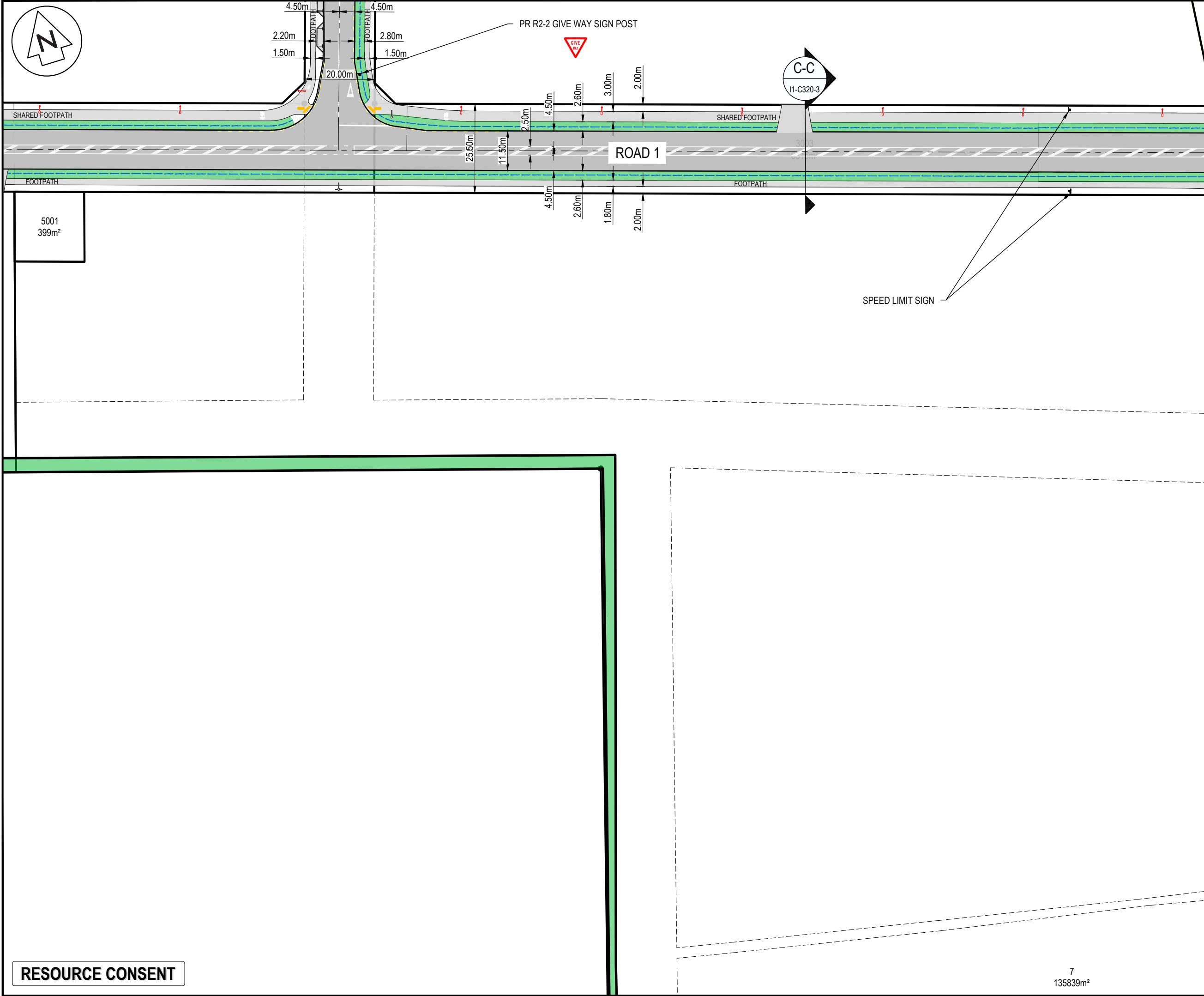
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Scale	1:1000 @ A3		
Cad file	298002-11-C300 RD.DWG		
Drawing no.	I1-C300-3	Rev	A

SL1 - ENABLING WORKS

8
21755m²



RESOURCE CONSENT



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CONTINUITY LINE	W1100R1x3
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EX BDY	EX BDY
PROP BDY	PROP BDY
AC	AC PAVING
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K&C	KERB AND CHANNEL
K&N	KERB AND NIB
WS	WHEEL STOP
PROP SWCP SINGLE	PROP SWCP SINGLE
PROP STREET LIGHT	PROP STREET LIGHT
PROP STREET SIGN	PROP STREET SIGN
ROAD NAME SIGN	ROAD NAME SIGN
TACTILE PAVERS	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RK	05/2025	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	

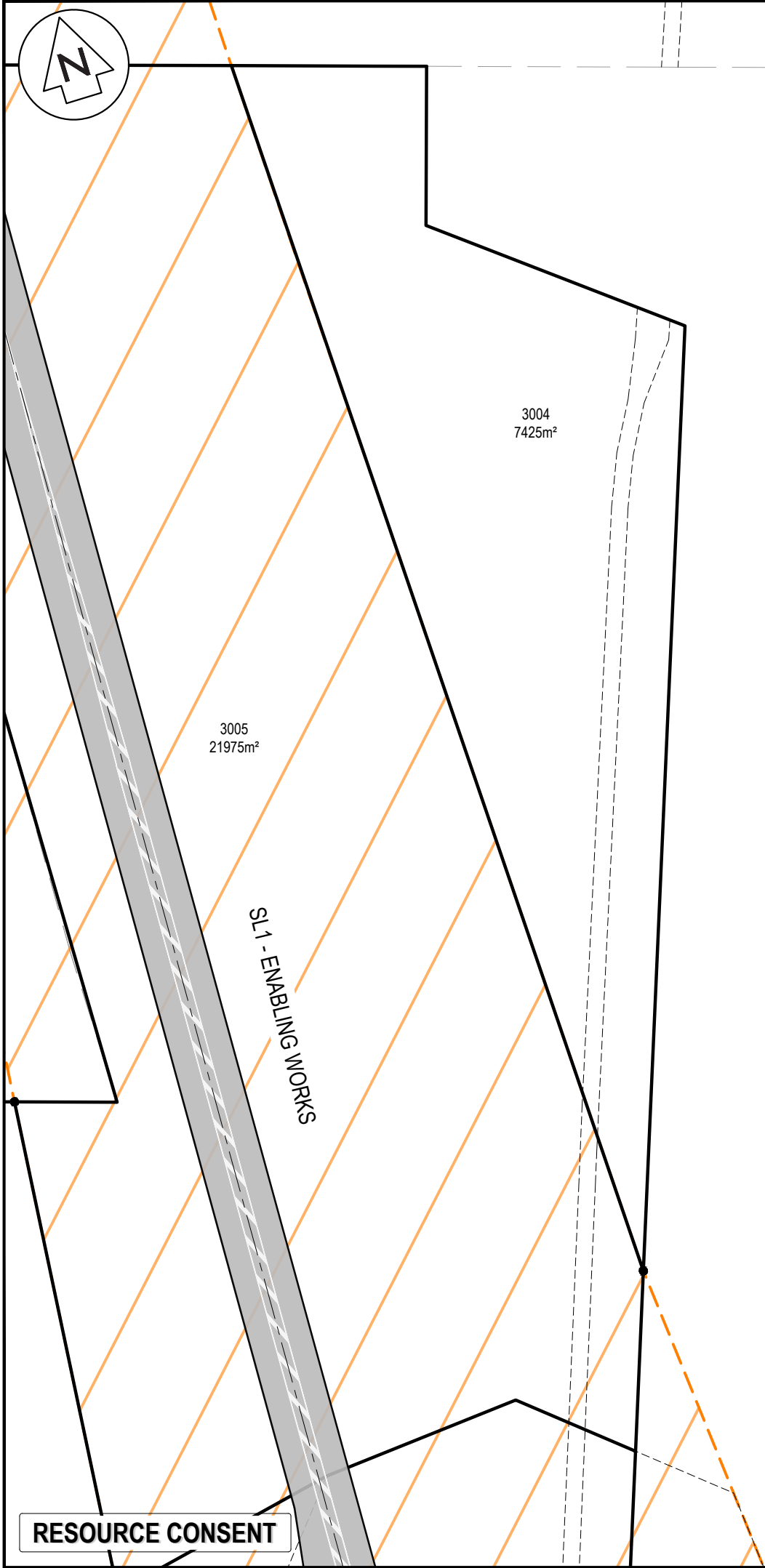


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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
ROADING
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C300 RD.DWG		
Drawing no.	I1-C300-4	Rev	A



- NOTES
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K&N	KERB AND NIB
WS	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RK	05/2025	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	



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Project

SOUTHERN LINKS 1

INDUSTRIAL STAGE 1

HAMILTON, WAIKATO

FOR SL1

NORTHERN CONSORTIUM

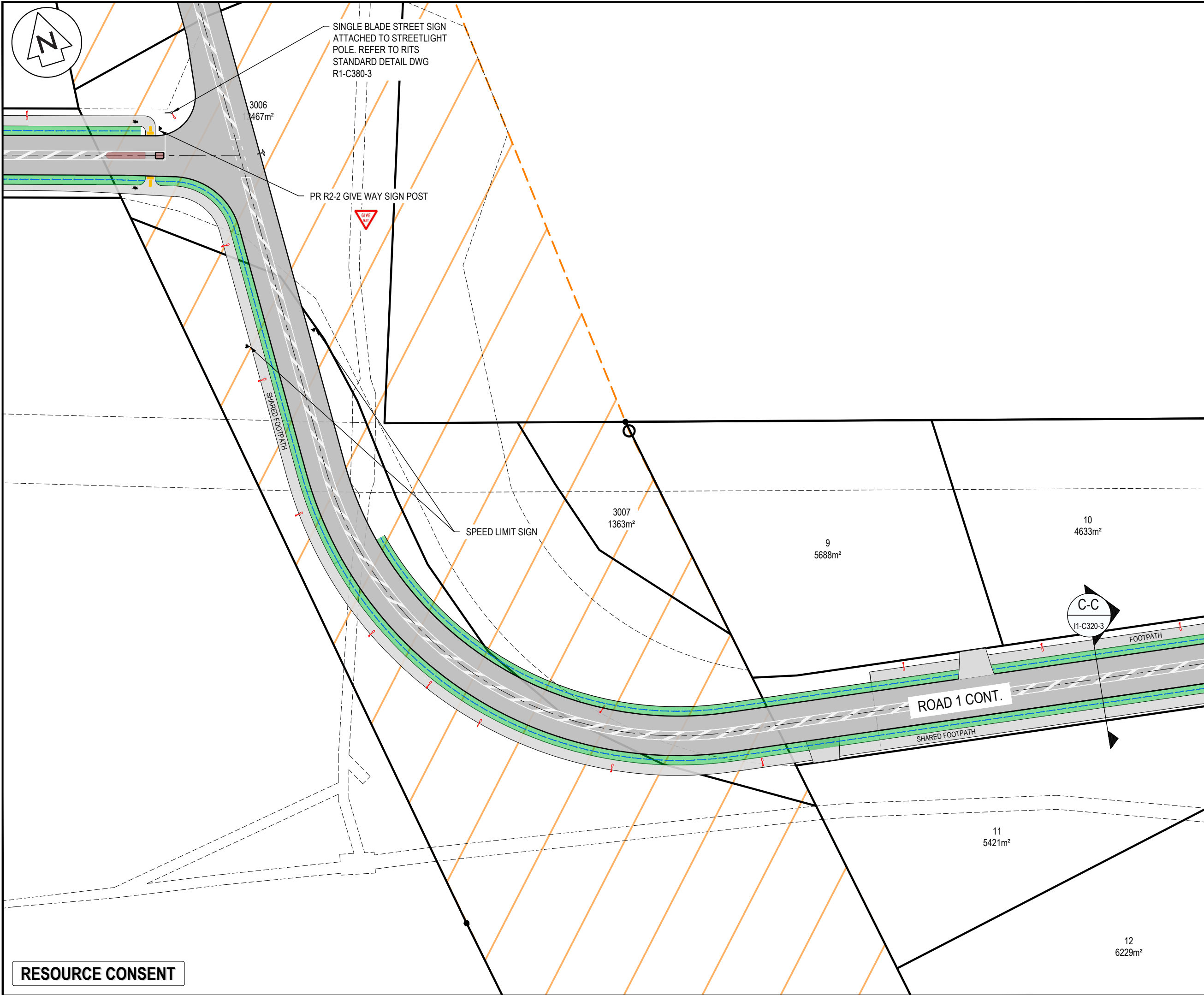
Title

PROPOSED

ROADING

PLAN

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C300 RD.DWG		
Drawing no.	I1-C300-5	Rev	A



NOTES

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PROP STREET LIGHT	PROP STREET LIGHT
PROP STREET SIGN	PROP STREET SIGN
ROAD NAME SIGN	ROAD NAME SIGN
TACTILE PAVERS	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
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Survey	MAVEN		05/2025
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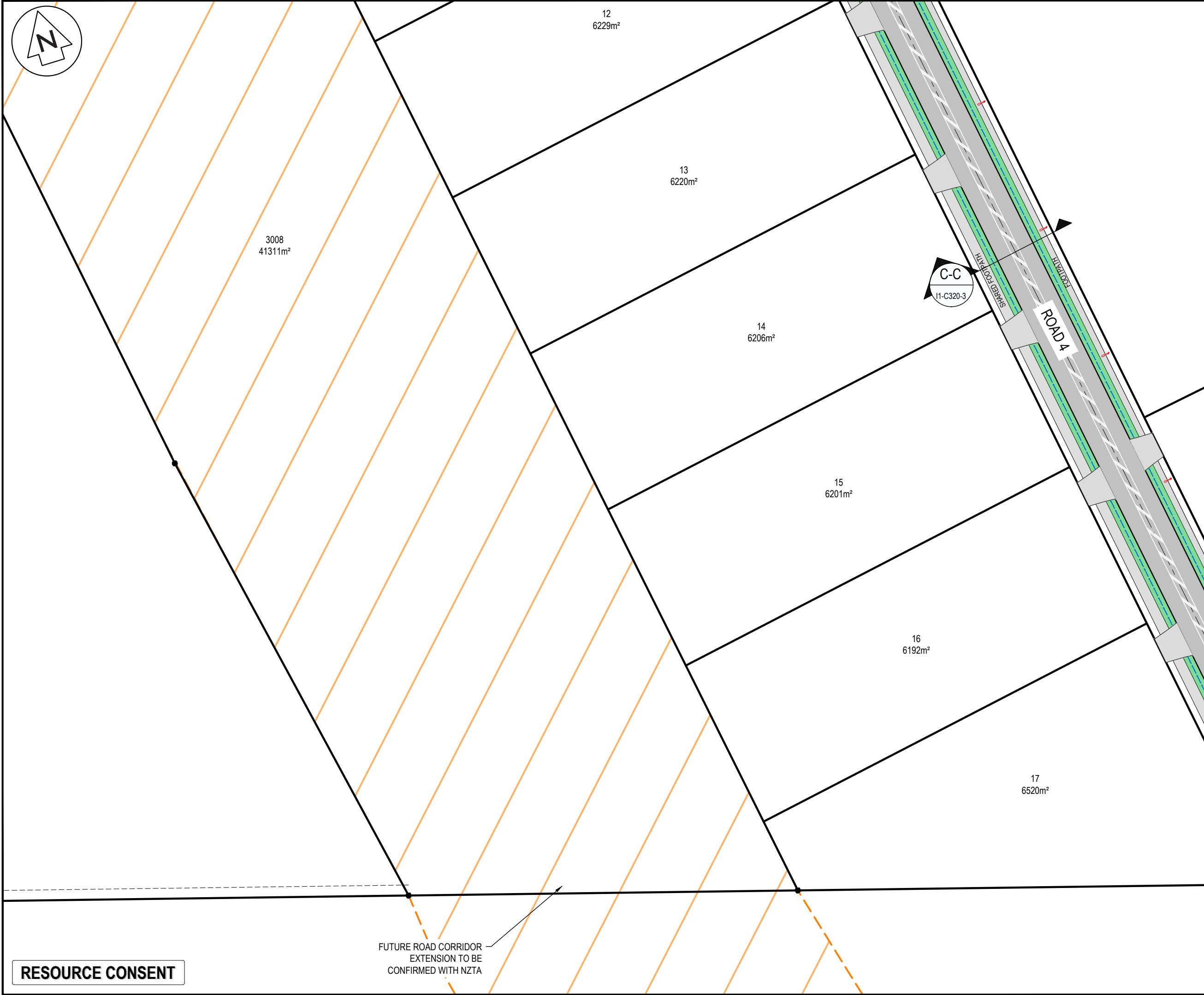
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title

**PROPOSED
ROADING
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C300 RD.DWG		
Drawing no.	I1-C300-6	Rev	A

RESOURCE CONSENT



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ROAD NAME SIGN	ROAD NAME SIGN
TACTILE PAVERS	TACTILE PAVERS

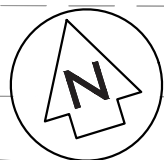
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Rev	Description	By	Date
Survey	MAVEN	05/2025	
Design	RK	05/2025	
Drawn	MJRA	05/2026	
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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
ROADING
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C300 RD.DWG		
Drawing no.	I1-C300-7	Rev	A



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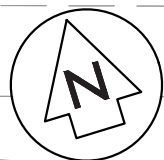
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Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RK	05/2025	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	



Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
ROADING
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-I1-C300 RD.DWG		
Drawing no.	I1-C300-8	Rev	A



4002
21042m²

~~3010~~
~~6295m²~~

21
22818m²

3.00m

2.60

4

ROAD 4

1

26

450m

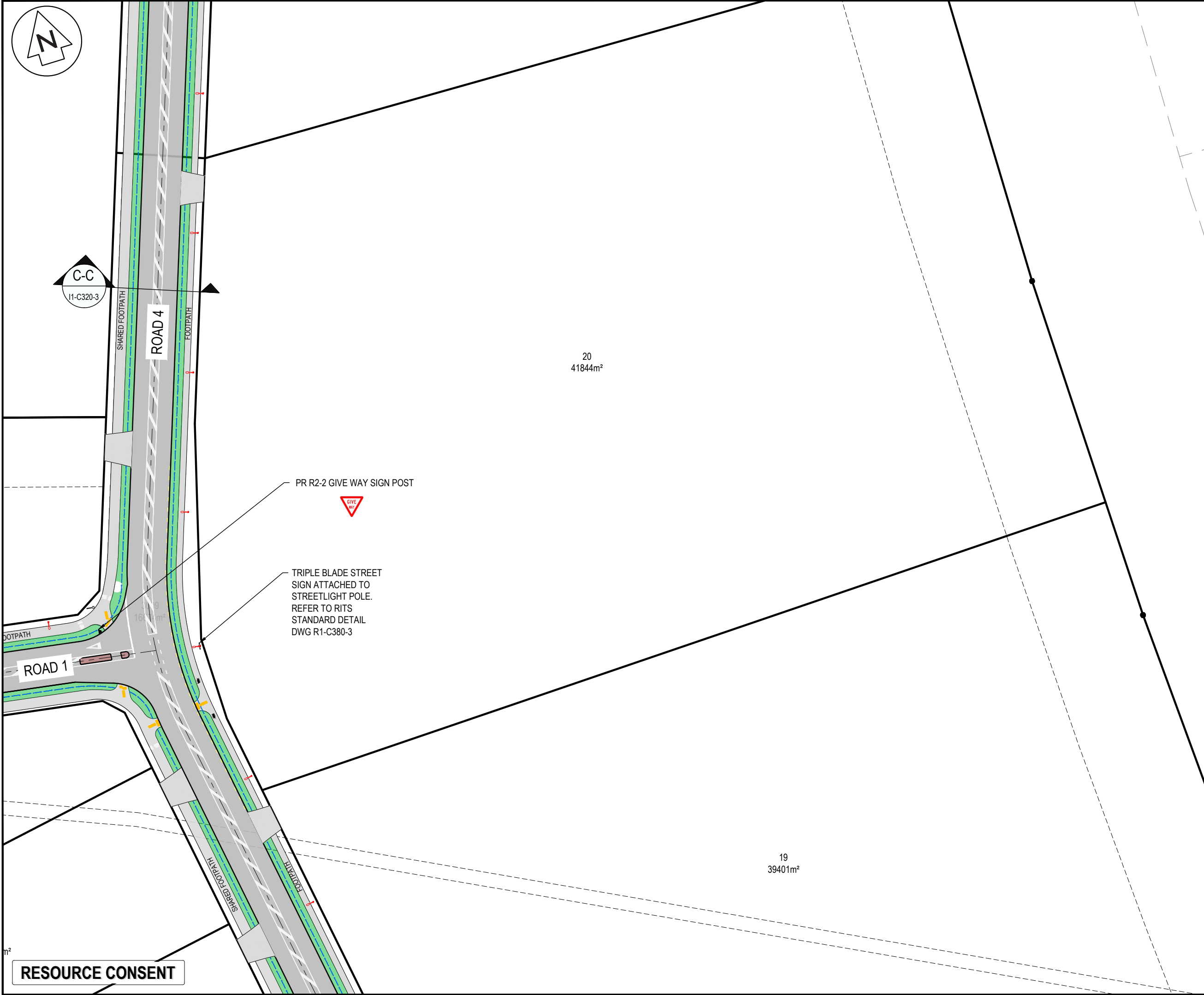
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RESOURCE CONSENT

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- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M.BOUNDARIES ARE SUBJECT TO FINAL SURVEY
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 5. THE CONTRACTORS SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 6. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEM TESTS ON SUBGRADE MATERIAL.
 7. SETOUT SCHEDULE WITH CO-ORDINATES OF CHAINAGE POINTS ALONG ROAD CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LEGEND

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R3x7
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R
	EX BDY
	PROP BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K&C	KERB AND CHANNEL
K&N	KERB AND NIB
WS	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	RK		05/2025
Drawn	MJRA		05/2026
Checked	SM		09/2026

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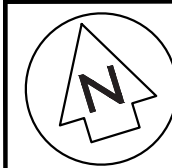
Project

**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title

**PROPOSED
ROADING
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-I1-C300 RD.DWG		
Drawing no.	I1-C300-9	Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M. BOUNDARIES ARE SUBJECT TO FINAL SURVEY
 4. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
 5. THE CONTRACTORS SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 6. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEM TESTS ON SUBGRADE MATERIAL.
 7. SETOUT SCHEDULE WITH CO-ORDINATES OF CHAINAGE POINTS ALONG ROAD CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LEGEND

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R3x7
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R
	EX BDY
	PROP BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K&C	KERB AND CHANNEL
K&N	KERB AND NIB
WS	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	RK		05/2025
Drawn	MJRA		05/2026
Checked	SM		09/2026



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New Zealand

Project

SOUTHERN LINKS 1

INDUSTRIAL STAGE 1

HAMILTON, WAIKATO

FOR SL1

NORTHERN CONSORTIUM

Title

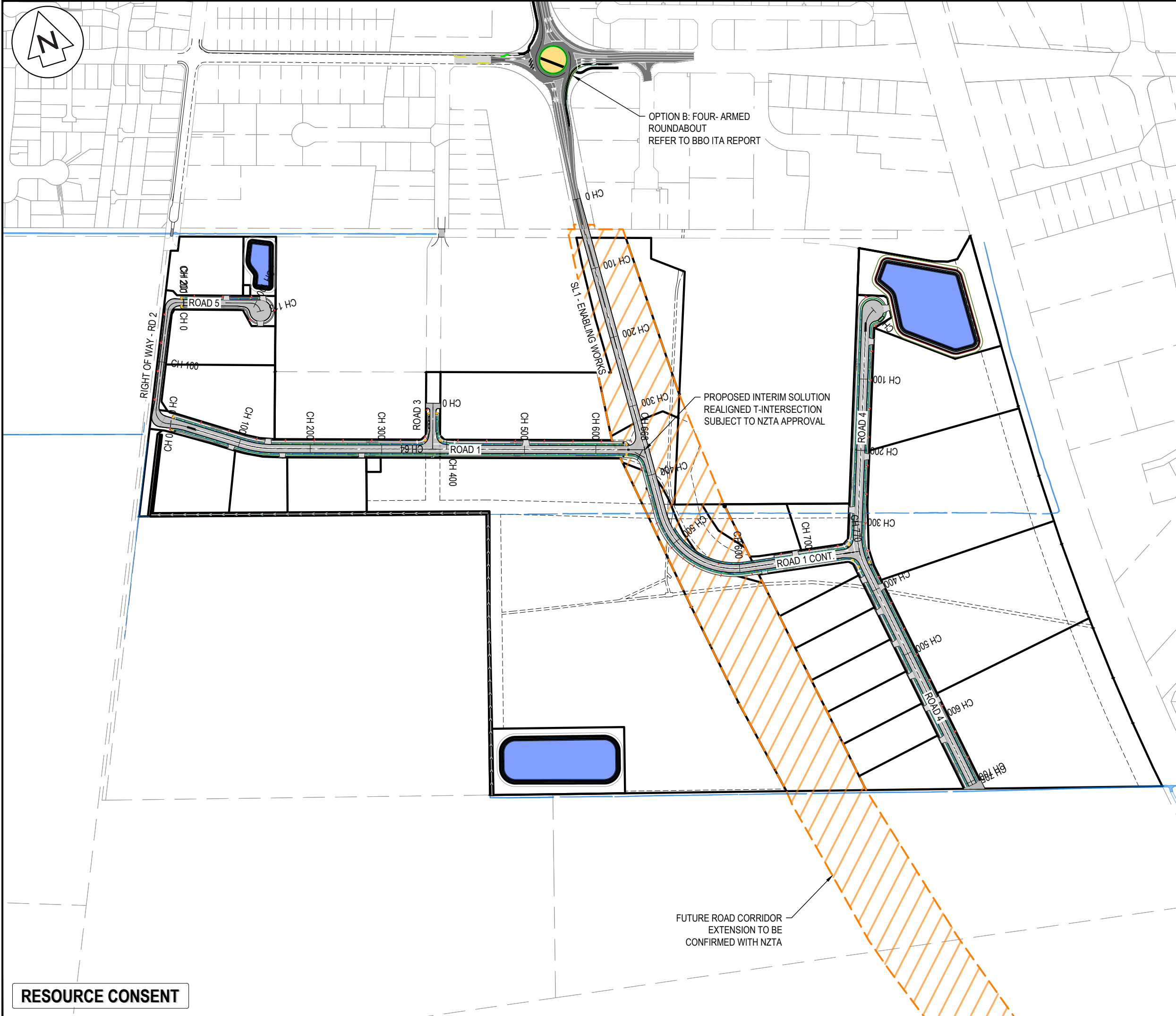
PROPOSED

ROADING

PLAN

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-I1-C300 RD.DWG		
Drawing no.	I1-C300-10	Rev	A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M. BOUNDARIES ARE SUBJECT TO FINAL SURVEY
 4. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
 5. THE CONTRACTORS SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 6. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BKAM TESTS ON SUBGRADE MATERIAL.
 7. SETOUT SCHEDULE WITH CO-ORDINATES OF CHAINAGE POINTS ALONG ROAD CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LEGEND

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R3x7
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R
EX BDY	EX BDY
PROP BDY	PROP BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K&C	KERB AND CHANNEL
K&N	KERB AND NIB
WS	WHEEL STOP
PROP SWCP SINGLE	PROP SWCP SINGLE
PROP STREET LIGHT	PROP STREET LIGHT
PROP STREET SIGN	PROP STREET SIGN
ROAD NAME SIGN	ROAD NAME SIGN
TACTILE PAVERS	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	RK		05/2025
Drawn	MJRA		05/2026
Checked	SM		09/2026

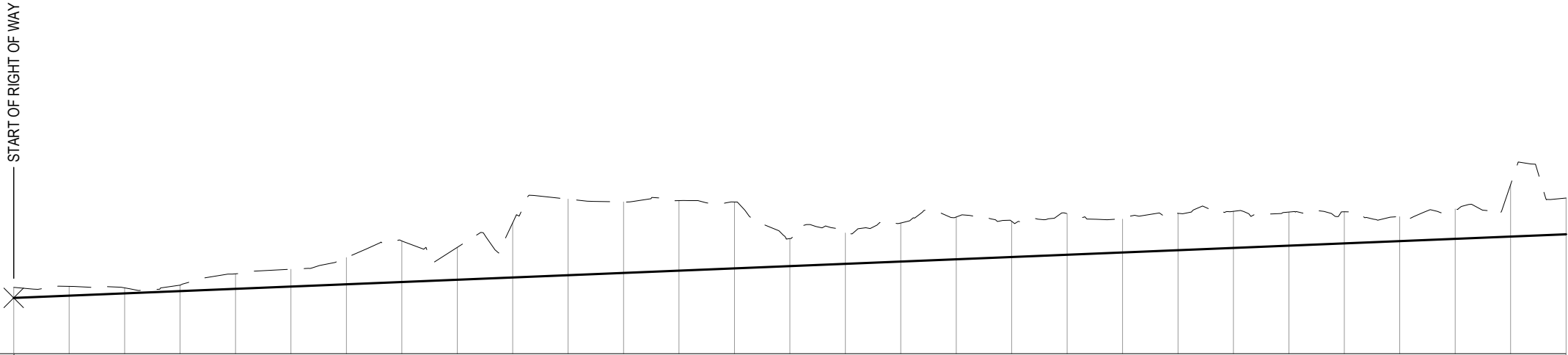
M Maven Waikato
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New Zealand

Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
ROADING OVERVIEW
LONGSECTION**

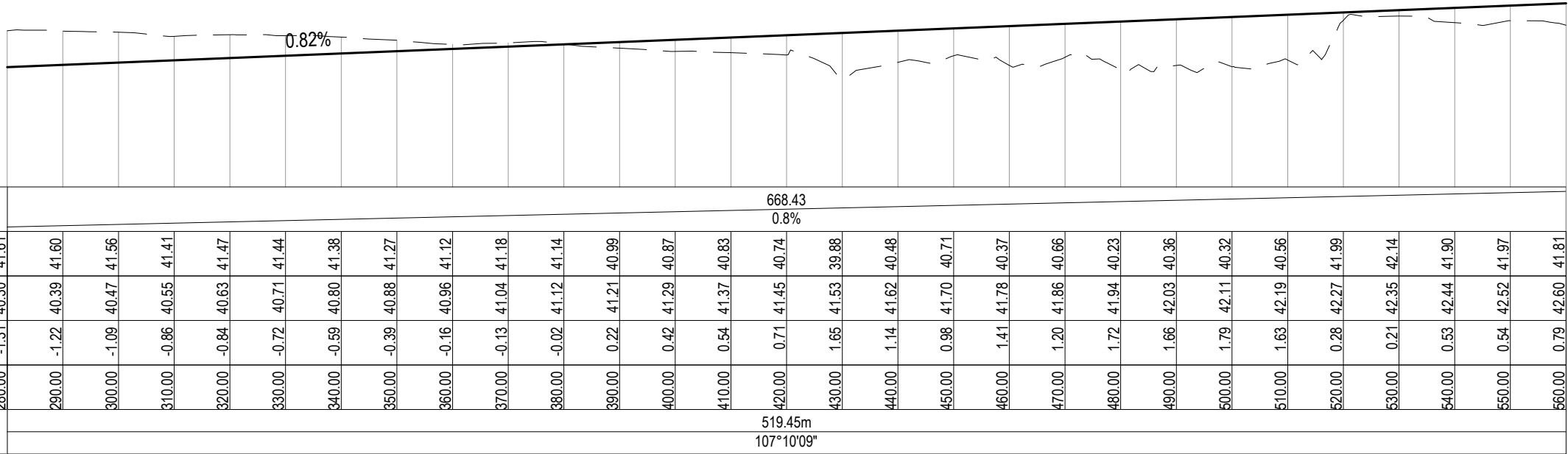
Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-I1-C310 RD LONGSECTIONS.DWG		
Drawing no.	I1-C310	Rev	A

DATE: 9/2/26 FILE PATH: \\MAVEN\MAVENCONSULTING\CD\NZSHARED\RENT\MAVEN\HAMILTON\PROJECTS\298002-1\LISTED\11-DWG\298002-1-11-C310 RD LONGSECTIONS.DWG



VERTICAL GEOMETRY	668.43 0.8%																												
EXISTING LEVELS	38.39	38.43	38.37	38.47	38.88	39.04	39.46	40.06	39.83	40.71	41.57	41.47	41.52	41.47	40.15	40.35	40.71	40.93	40.77	41.05	40.85	41.06	41.13	41.11	41.11	40.94	41.22	42.10	41.61
DESIGN LEVELS	38.01	38.09	38.17	38.26	38.34	38.42	38.50	38.58	38.67	38.75	38.83	38.91	38.99	39.08	39.16	39.24	39.32	39.40	39.49	39.57	39.65	39.73	39.81	39.90	39.98	40.06	40.14	40.22	40.30
CUT/FILL	-0.38	-0.33	-0.20	-0.21	-0.54	-0.62	-0.96	-1.48	-1.16	-1.97	-2.74	-2.56	-2.52	-2.39	-0.99	-1.11	-1.39	-1.52	-1.29	-1.48	-1.20	-1.33	-1.32	-1.21	-1.14	-0.88	-1.07	-1.87	-1.31
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	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	240.00	250.00	260.00	270.00	280.00
HORIZONTAL GEOMETRY	5.65m 113°42'44"	R 99.40 A 17.80	81.35m 123°58'36"								R 150.60 A 44.18				519.45m 107°10'09"														

PROPOSED - PV - ROAD 1 (1 OF 4) - CH 0+00.00 TO CH 2+80.00
SCALE: 1:1000 H / 1:200 V



VERTICAL GEOMETRY	668.43 0.8%																													
EXISTING LEVELS	41.61	41.60	41.56	41.41	41.47	41.44	41.38	41.27	41.12	41.18	41.14	40.99	40.87	40.83	40.74	39.88	40.48	40.71	40.71	40.37	40.66	40.23	40.36	40.32	40.56	41.99	42.14	41.90	41.97	41.81
DESIGN LEVELS	40.30	40.39	40.47	40.55	40.63	40.71	40.80	40.88	40.96	41.04	41.12	41.21	41.29	41.37	41.45	41.53	41.62	41.70	41.78	41.86	41.94	42.03	42.11	42.19	42.27	42.35	42.44	42.52	42.60	
CUT/FILL	-1.31	-1.22	-1.09	-0.86	-0.84	-0.72	-0.59	-0.39	-0.16	-0.13	-0.02	0.22	0.42	0.54	0.71	1.65	1.14	0.98	1.41	1.20	1.72	1.66	1.79	1.63	0.28	0.21	0.53	0.54	0.79	
CHAINAGE	280.00	290.00	300.00	310.00	320.00	330.00	340.00	350.00	360.00	370.00	380.00	390.00	400.00	410.00	420.00	430.00	440.00	450.00	460.00	470.00	480.00	490.00	500.00	510.00	520.00	530.00	540.00	550.00	560.00	
HORIZONTAL GEOMETRY	519.45m 107°10'09"																													

PROPOSED - PV - ROAD 1 (2 OF 4) - CH 2+80.00 TO CH 5+60.00
SCALE: 1:1000 H / 1:200 V

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.

LEGEND

--- EX GROUND LEVEL

— PR GROUND LEVEL

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	RK		05/2025
Drawn	MJRA		05/2026
Checked	SM		09/2026



Project

SOUTHERN LINKS 1

INDUSTRIAL STAGE 1

HAMILTON, WAIKATO

FOR SL1

NORTHERN CONSORTIUM

Title

PROPOSED

ROADING

LONGSECTION

Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-11-C310 RD LONGSECTIONS.DWG
Drawing no.	I1-C310-1
Rev	A

PROPOSED - PV - ROAD 1 (3 OF 4) - CH 5+60.00 TO CH 6+68.43
SCALE: 1:1000 H / 1:200 V

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.

- - - - - EX GROUND LEVEL
 _____ PR GROUND LEVEL

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Title

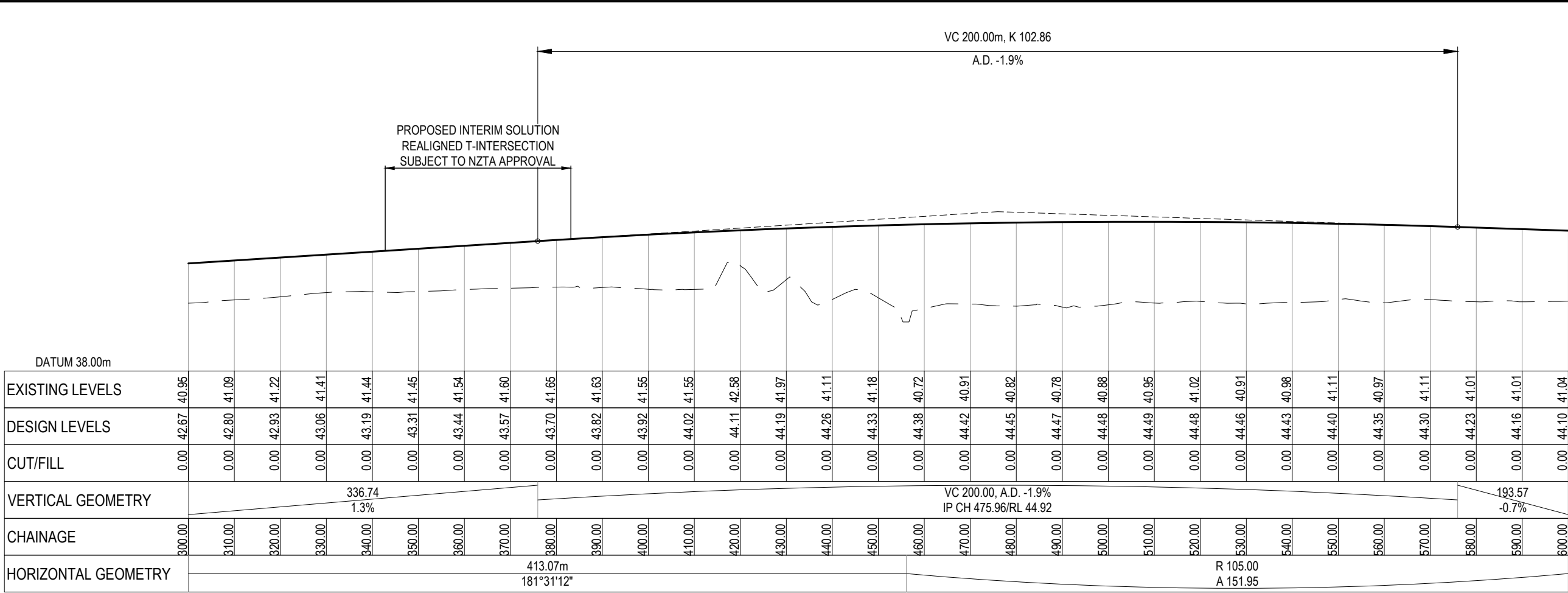
**PROPOSED
ROADING
LONGSECTION**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-I1-C310 RD LONGSECTIONS.DWG		
Drawing no.	I1-C310-2	Rev	A

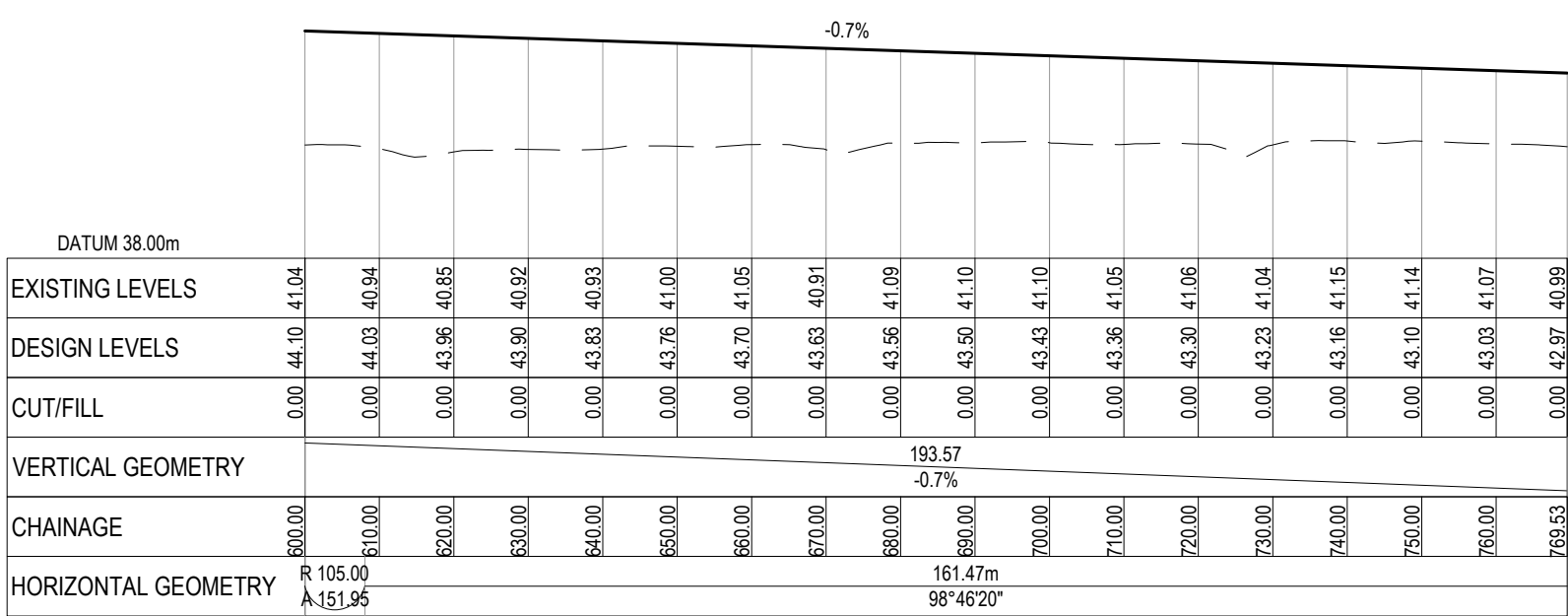
PROPOSED - PV - SL1 Enabling Works (1 of 3) CH 0+00.00 TO CH 3+00.00
SCALE: 1:1000 H / 1:200 V

RESOURCE CONSENT

DATE: 9/2/26 FILE PATH: \\MAVEN\MAVENCONSULTING\CD\NZSHARE\CURRENT\MAVEN-HAMILTON\ PROJECTS\298002-IND-STAGE 1\INDV298002-H-C310 RD LONGSECTIONS.DWG



PROPOSED - PV - SL1 Enabling Works to ROAD 1 Continued (2 of 3) CH 3+00.00 TO CH 6+00.00
SCALE: 1:1000 H / 1:200 V



PROPOSED - PV - SL1 Enabling Works to ROAD 1 Continued (3 of 3) CH 6+00.00 TO CH 7+69.53
SCALE: 1:1000 H / 1:200 V

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.

LEGEND

--- EX GROUND LEVEL

— PR GROUND LEVEL

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RK	05/2025	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	

M

MAVEN

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Project

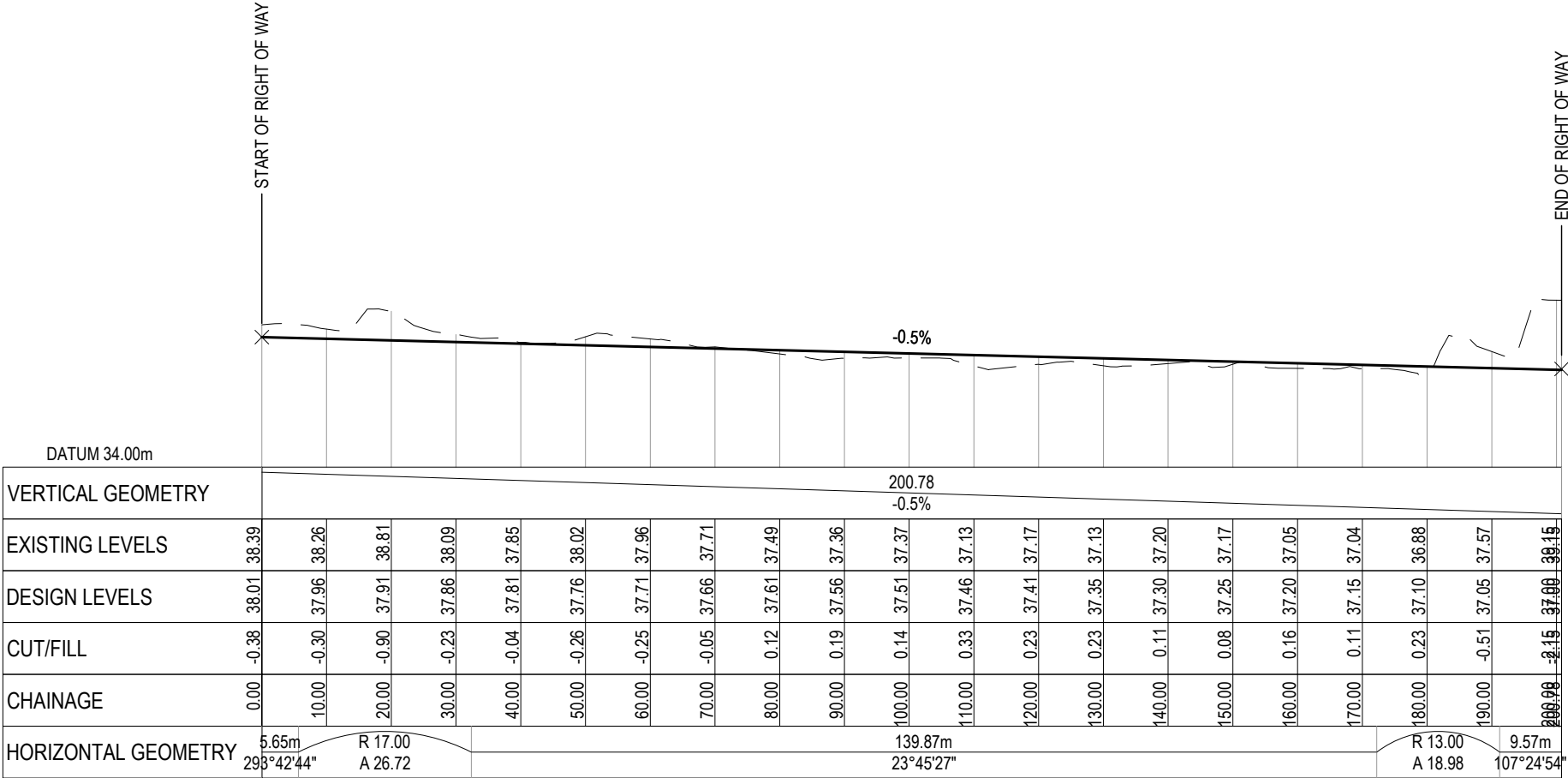
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title

**PROPOSED
ROADING
LONGSECTION**

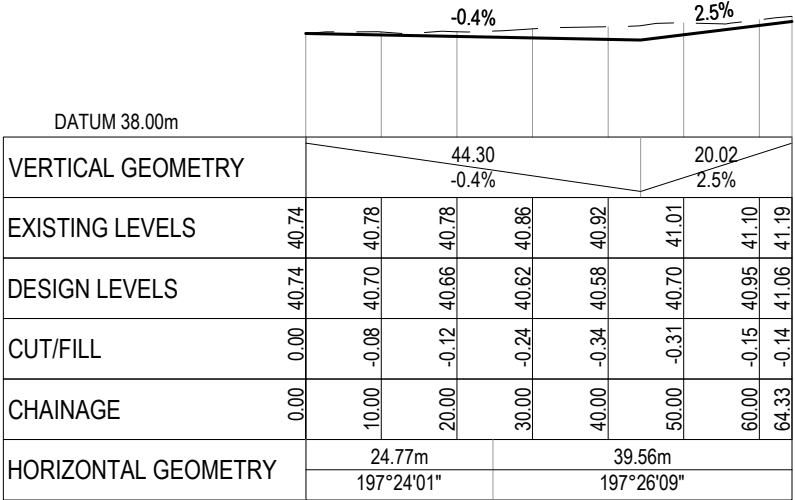
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Scale	1:1000 @ A3		
Cad file	298002-I1-C310 RD LONGSECTIONS.DWG		
Drawing no.	I1-C310-3	Rev	A

DATE: 9/2/26 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARE\CURRENT\MAVEN - HAMILTON\ PROJECTS\298002 - SL\1\10\26\298002-H-C310 RD LONGSECTIONS.DWG



PROPOSED - PV - RIGHT OF WAY - RD 2 CH 0+00.00 TO CH 2+00.78

SCALE: 1:1000 H / 1:200 V



PROPOSED - PV - ROAD 3 - CH 0+00.00 TO CH 0+64.33

SCALE: 1:1000 H / 1:200 V

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.

LEGEND

--- EX GROUND LEVEL

— PR GROUND LEVEL

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RK	05/2025	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	



Project

SOUTHERN LINKS 1

INDUSTRIAL STAGE 1

HAMILTON, WAIKATO

FOR SL1

NORTHERN CONSORTIUM

Title

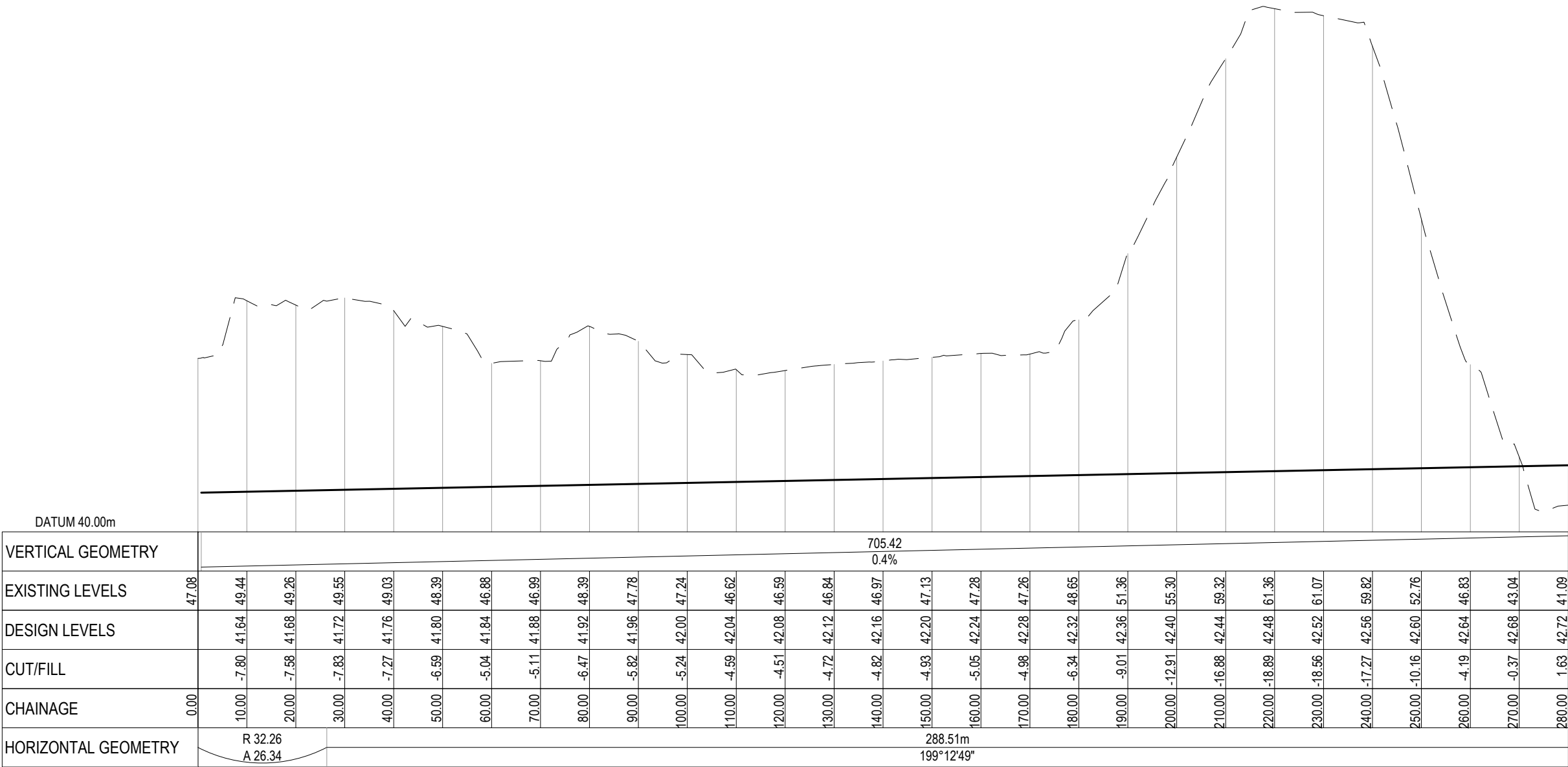
PROPOSED

ROADING

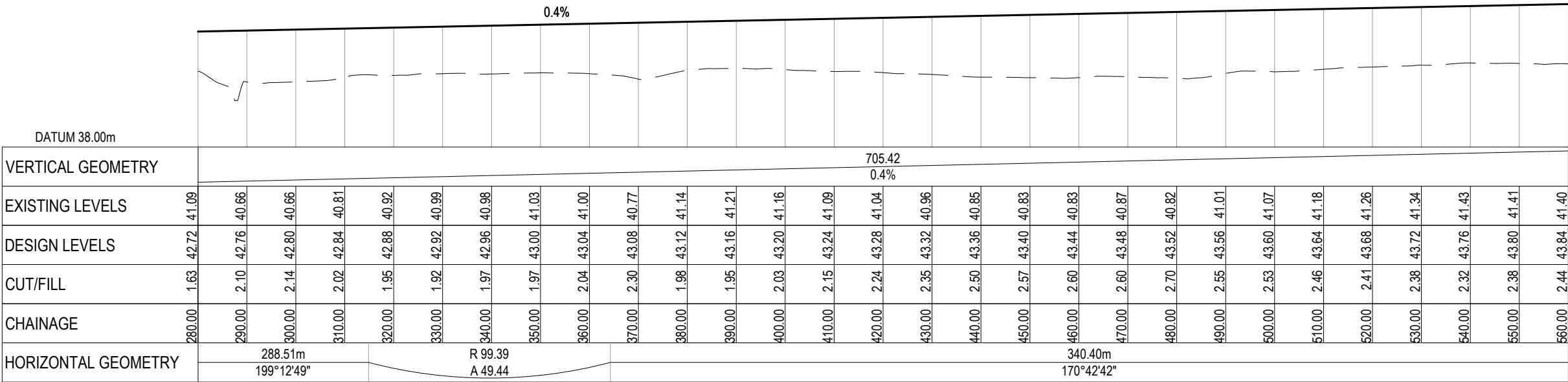
LONGSECTION

Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-11-C310 RD LONGSECTIONS.DWG
Drawing no.	I1-C310-4
Rev	A

DATE: 9/26 FILE PATH: \\MAVEN\MAVENCONSULTING\CD\NZSHARED\RENT\MAVEN\HAMILTON\PROJECTS\298002 - SL\1\11-IND-298002-H-C310-RD LONGSECTIONS.DWG



PROPOSED - PV - ROAD 4 (1 of 3) - CH 0+00.00 TO CH 2+80.00
SCALE: 1:1000 H / 1:200 V



PROPOSED - PV - ROAD 4 (2 of 3) - CH 2+80.00 TO CH 5+60.00
SCALE: 1:1000 H / 1:200 V

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.

LEGEND

--- EX GROUND LEVEL

— PR GROUND LEVEL

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RK	05/2025	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	



Project

SOUTHERN LINKS 1

INDUSTRIAL STAGE 1

HAMILTON, WAIKATO

FOR SL1

NORTHERN CONSORTIUM

Title

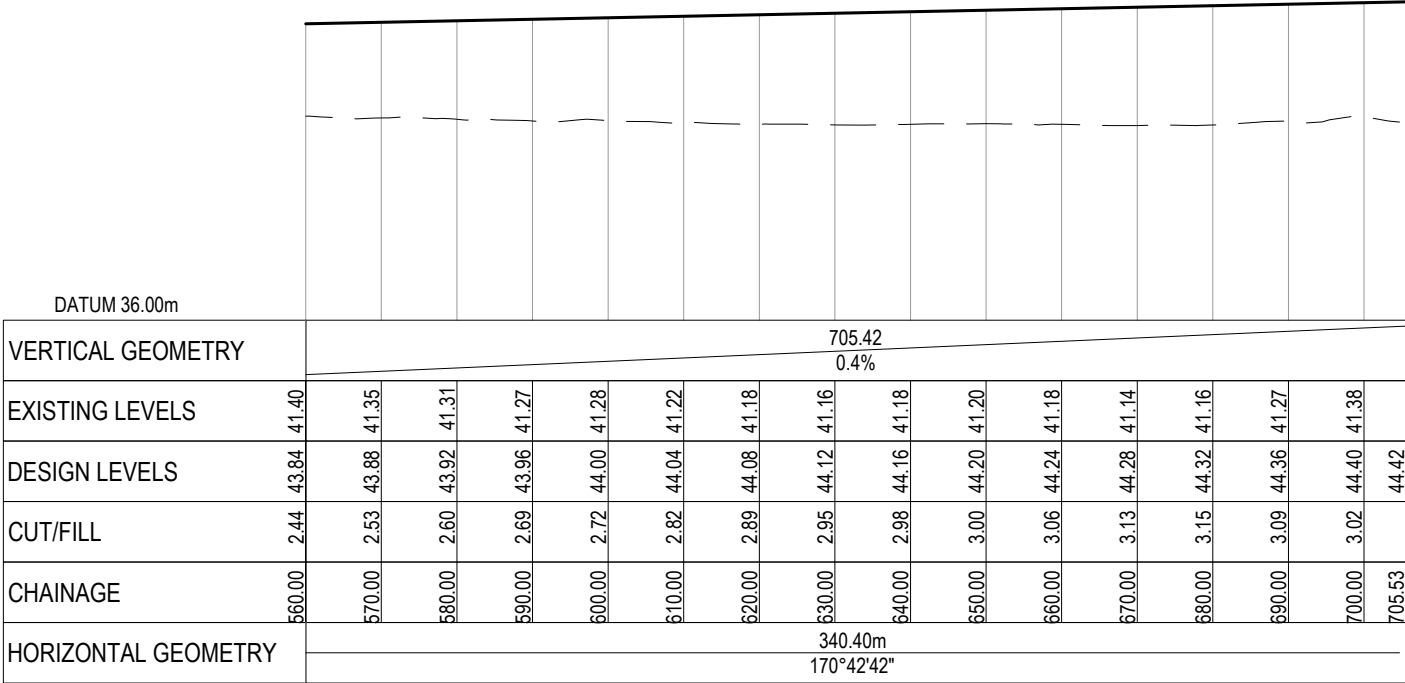
PROPOSED

ROADING

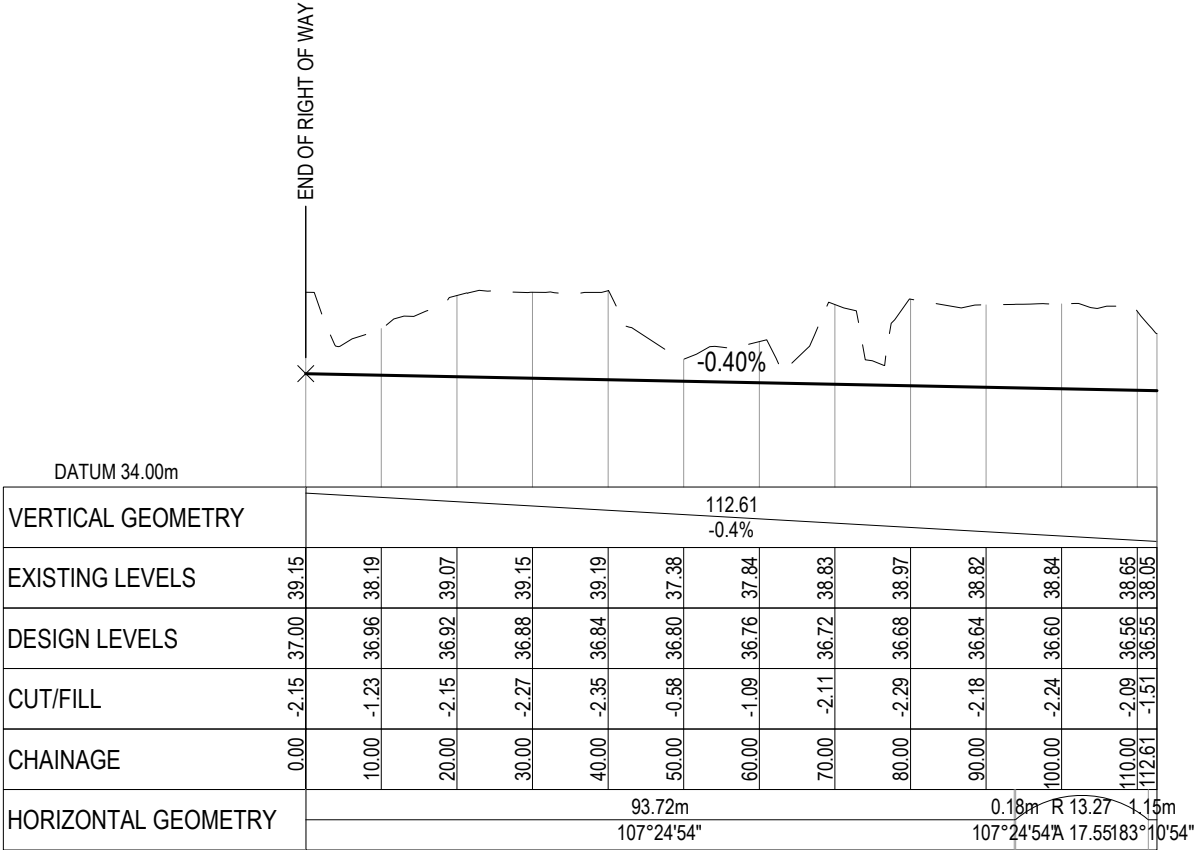
LONGSECTION

Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-11-C310 RD LONGSECTIONS.DWG
Drawing no.	I1-C310-5
Rev	A

DATE: 9/2/26 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARE\CURRENT\MAVEN - HAMILTON\ PROJECTS\298002 - SL\1\10\11\DWG\298002-H-C310-RD LONGSECTIONS.DWG



PROPOSED - PV - ROAD 4 (3 of 3) - CH 5+60.00 TO CH 7+05.53
SCALE: 1:1000 H / 1:200 V



PROPOSED - PV - ROAD 5 - CH 0+00.00 TO CH 1+12.61
SCALE: 1:1000 H / 1:200 V

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.

LEGEND

--- EX GROUND LEVEL
--- PR GROUND LEVEL

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RK	05/2025	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	



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Project

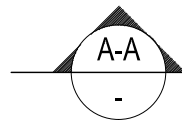
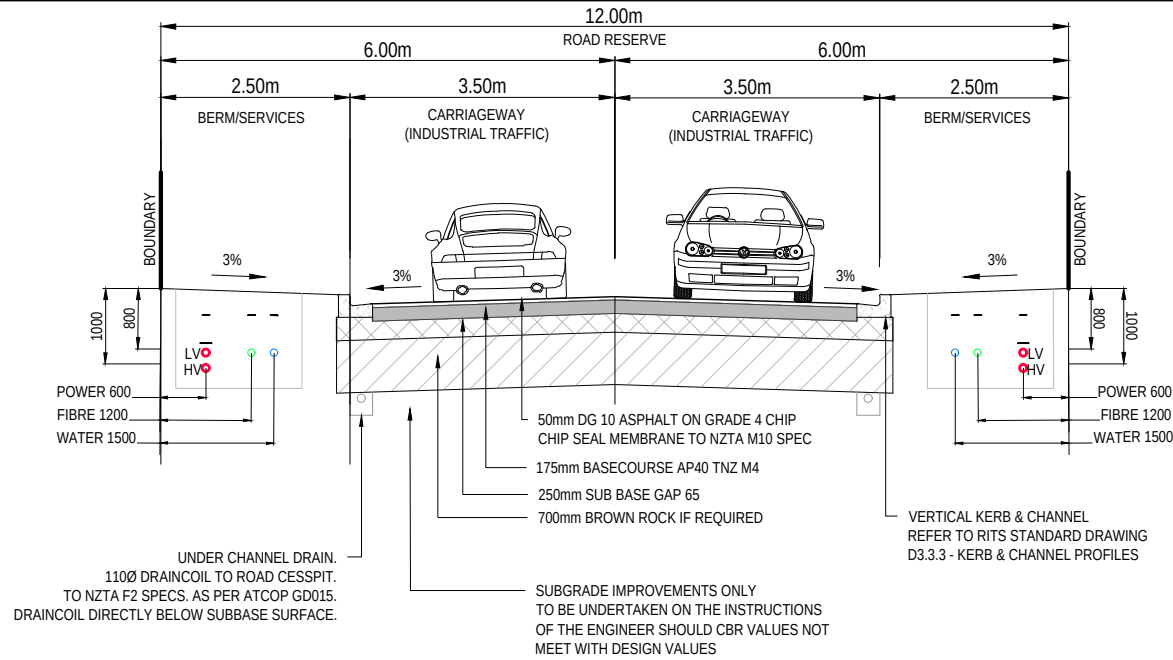
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title

**PROPOSED
ROADING
LONGSECTION**

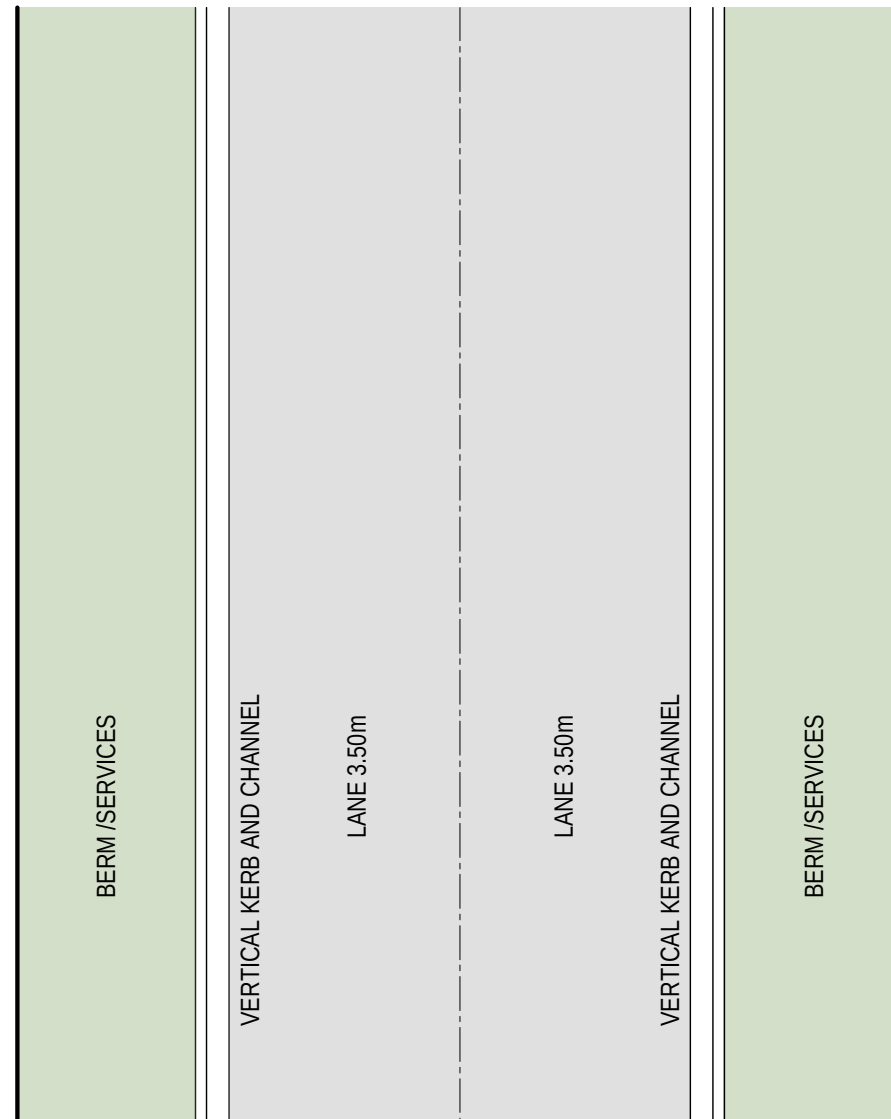
Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-11-C310 RD LONGSECTIONS.DWG
Drawing no.	I1-C310-6
Rev	A

DATE: 9/26 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CON\2\SHARE\CURRENT\MAVEN\HAMILTONS PROJECT\298002 - SL1\26 I\26\298002-1-C320 RD TYP DET.DWG



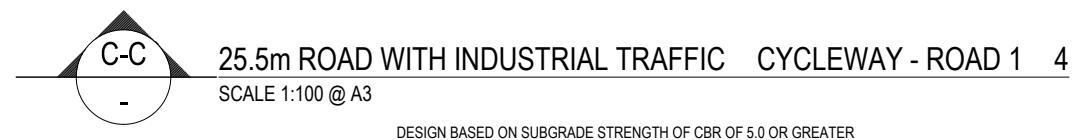
12m ROAD RIGHT OF WAY - RD2 WITH INDUSTRIAL TRAFFIC
SCALE 1:100 @ A3

DESIGN BASED ON SUBGRADE STRENGTH OF CBR OF 5.0 OR GREATER



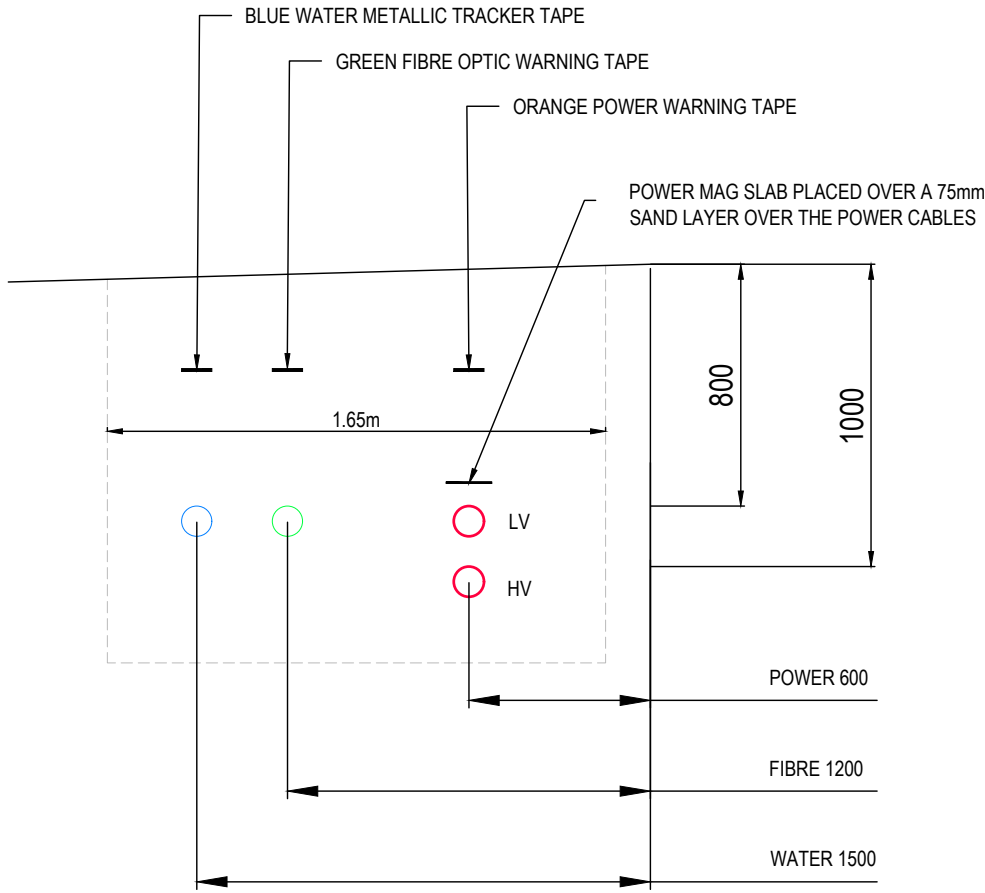
RESOURCE CONSENT

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RK	02/2026	
Drawn	RLK	02/2026	
Checked	SM	09/2026	
M MAVEN Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz Level 1 286 Victoria Street, Hamilton New Zealand			
Project SOUTHERN LINKS 1 INDUSTRIAL STAGE 1 HAMILTON, WAIKATO FOR SL1 NORTHERN CONSORTIUM			
Title PROPOSED RIGHT OF WAY - RD 2 TYPICAL DETAIL PLAN			
Project no.	298002-IND SL1		
Scale	1:100 @ A3		
Cad file	298002-11-C320 RD TYP DET.DWG		
Drawing no.	I1-C320-1	Rev	A

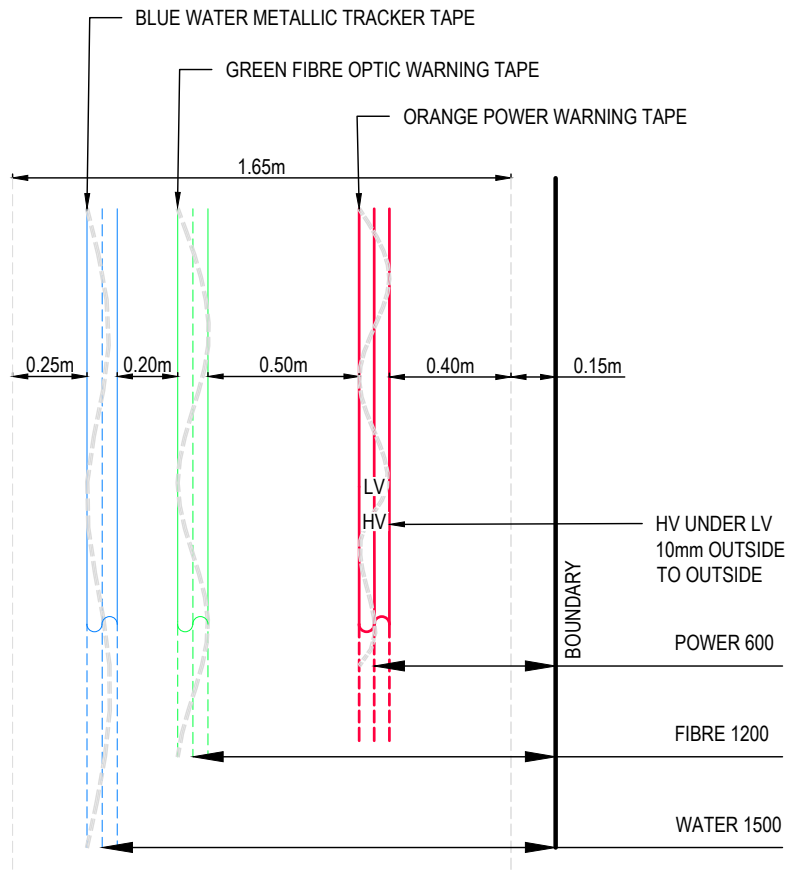


Project no.	298002-IND SL1		
Scale	1:500 @ A3		
Cad file	298002-I1-C320 RD TYP DET.DWG		
Drawing no.	I1-C320-3	Rev	A

DATE: 9/02/25 FILEPATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARE\CURRENT\MAVEN\HAMILTON\6 PROJECTS\298002-1\LISTED\11-DWG\298002-11-C320 RD TYP DET.DWG



TYPICAL SERVICE TRENCH CROSS SECTION PUBLIC ROAD
SCALE 1:25@ A3



TYPICAL SERVICE TRENCH PLAN VIEW PUBLIC ROAD
SCALE 1:25@ A3

LEGEND
--- EX GROUND LEVEL
--- PR GROUND LEVEL

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	MJRA	02/2026	
Drawn	MJRA	02/2026	
Checked	SM	09/2026	

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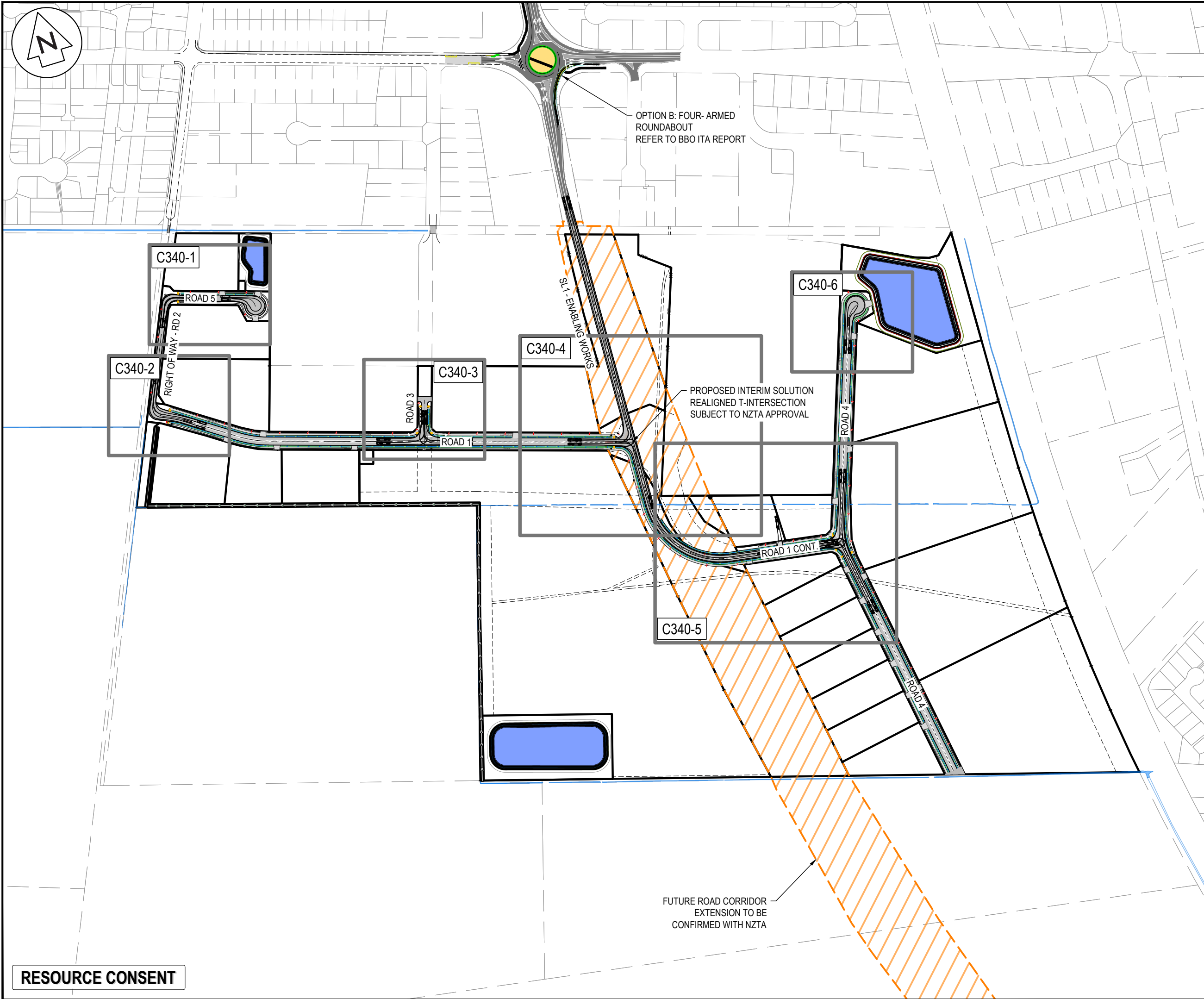
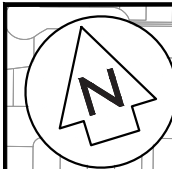
New Zealand

Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED TYPICAL
ROAD SERVICES TRENCH
CROSS SECTION**

Project no.	298002-IND SL1		
Scale	1:25 @ A3		
Cad file	298002-I1-C320 RD TYP DET.DWG		
Drawing no.	I1-C320-4	Rev	A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M. BOUNDARIES ARE SUBJECT TO FINAL SURVEY
 4. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
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 7. SETOUT SCHEDULE WITH CO-ORDINATES OF CHAINAGE POINTS ALONG ROAD CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LEGEND

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R3x7
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R
	EX BDY
	PROP BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K&C	KERB AND CHANNEL
K&N	KERB AND NIB
WS	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	RK		05/2026
Drawn	MJRA		05/2026
Checked	SM		09/2026



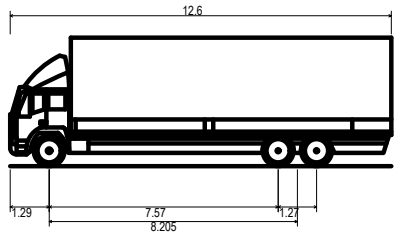
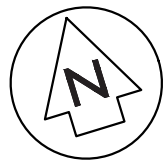
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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED ROADING
VEHICLE TRACKING
OVERVIEW**

Project no.	298002-IND SL1		
Scale	1:5000 @ A3		
Cad file	298002-11-C340 RD VEHICLE TRACKING.DWG		
Drawing no.	I1-C340	Rev	A

RESOURCE CONSENT



AT Design Vehicle - 12.6m - Truck- No hitch
Overall Length 12.600m
Overall Width 2.550m
Overall Body Height 4.249m
Min Body Ground Clearance 0.385m
Track Width 2.550m
Lock-to-lock time 6.00s
Ma Wheel Angle 49.00

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M.BOUNDARIES ARE SUBJECT TO FINAL SURVEY
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 8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LEGEND

CENTER LINE 1	WC100R 30m
CENTER LINE 2	WC100R3 7
NO STOPPING LINE	Y1100R1 1
CONTINUITY LINE	W1100R1 3
LIMIT LINE	WC300R
EX BDY	EX BDY
PROP BDY	PROP BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K C	KERB AND CHANNEL
K N	KERB AND NIB
WS	WHEEL STOP
PROP SWCP SINGLE	PROP SWCP SINGLE
PROP STREET LIGHT	PROP STREET LIGHT
PROP STREET SIGN	PROP STREET SIGN
ROAD NAME SIGN	ROAD NAME SIGN
TACTILE PAVERS	TACTILE PAVERS

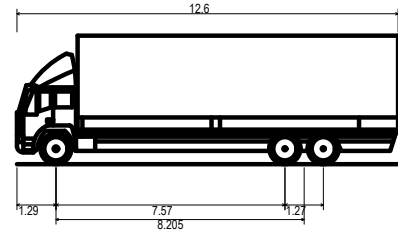
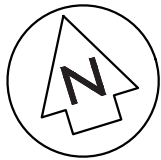
A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
Survey	MAVEN	05/2025	
Design	RK	05/2026	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	

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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED ROADING
VEHICLE TRACKING
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C340 RD VEHICLE TRACKING.DWG		
Drawing no.	I1-C340-1	Rev	A



AT Design Vehicle - 12.6m - Truck- No hitch
Overall Length 12.600m
Overall Width 2.550m
Overall Body Height 4.249m
Min Body Ground Clearance 0.385m
Track Width 2.550m
Lock-to-lock time 6.00s
Ma Wheel Angle 49.00

3
13394m

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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 8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LEGEND

CENTER LINE 1	WC100R 30m
CENTER LINE 2	WC100R3 7
NO STOPPING LINE	Y1100R1 1
CONTINUITY LINE	W1100R1 3
LIMIT LINE	WC300R
EX BDY	EX BDY
PROP BDY	PROP BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K C	KERB AND CHANNEL
K N	KERB AND NIB
WS	WHEEL STOP
PROP SWCP SINGLE	PROP SWCP SINGLE
PROP STREET LIGHT	PROP STREET LIGHT
PROP STREET SIGN	PROP STREET SIGN
ROAD NAME SIGN	ROAD NAME SIGN
TACTILE PAVERS	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RK	05/2026	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	

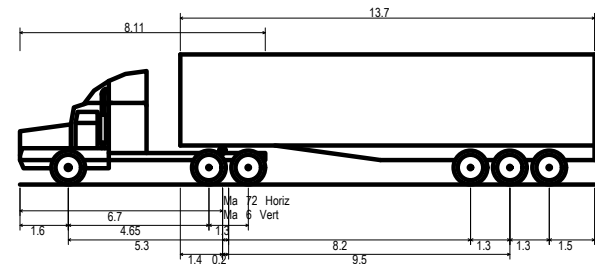
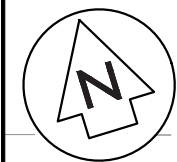


Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED ROADING
VEHICLE TRACKING
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C340 RD VEHICLE TRACKING.DWG		
Drawing no.	I1-C340-2	Rev	A

RESOURCE CONSENT

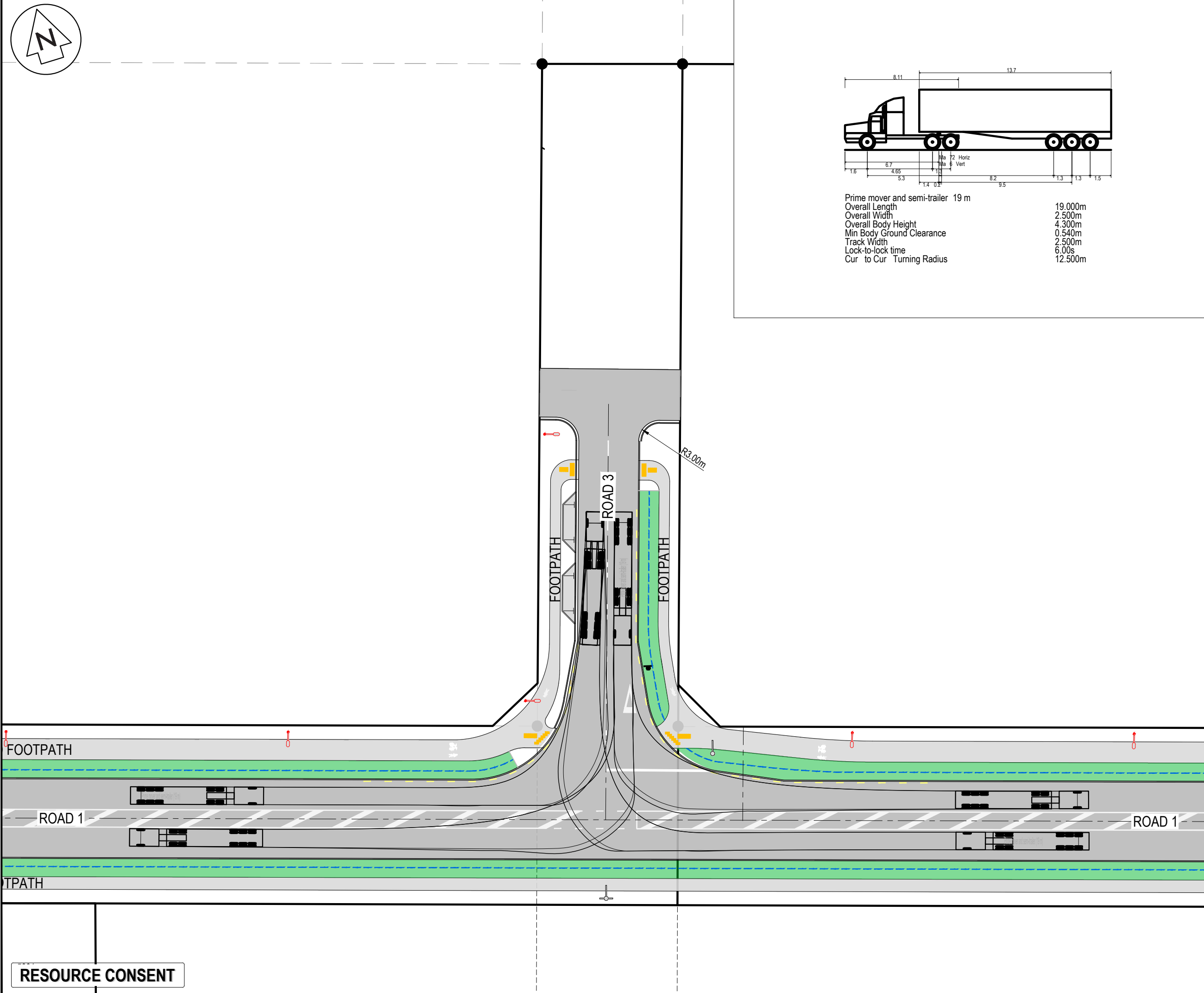


Prime mover and semi-trailer 19 m
Overall Length 19.000m
Overall Width 2.500m
Overall Body Height 4.300m
Min Body Ground Clearance 0.540m
Track Width 2.500m
Lock-to-lock time 6.00s
Cur to Cur Turning Radius 12.500m

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
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LEGEND

CENTER LINE 1	WC100R 30m
CENTER LINE 2	WC100R3 7
NO STOPPING LINE	Y1100R1 1
CONTINUITY LINE	W1100R1 3
LIMIT LINE	WC300R
EX BDY	EX BDY
PROP BDY	PROP BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K C	KERB AND CHANNEL
K N	KERB AND NIB
WS	WHEEL STOP
PROP SWCP SINGLE	PROP SWCP SINGLE
PROP STREET LIGHT	PROP STREET LIGHT
PROP STREET SIGN	PROP STREET SIGN
ROAD NAME SIGN	ROAD NAME SIGN
TACTILE PAVERS	TACTILE PAVERS



A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
	Survey	MAVEN	05/2025
	Design	RK	05/2026
	Drawn	MJRA	05/2026
	Checked	SM	09/2026

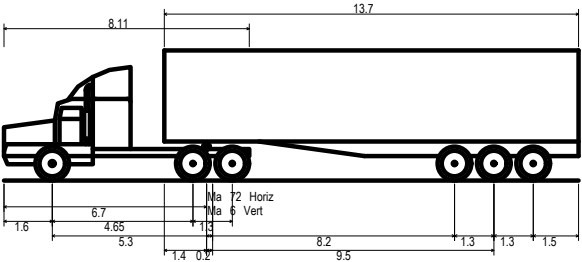
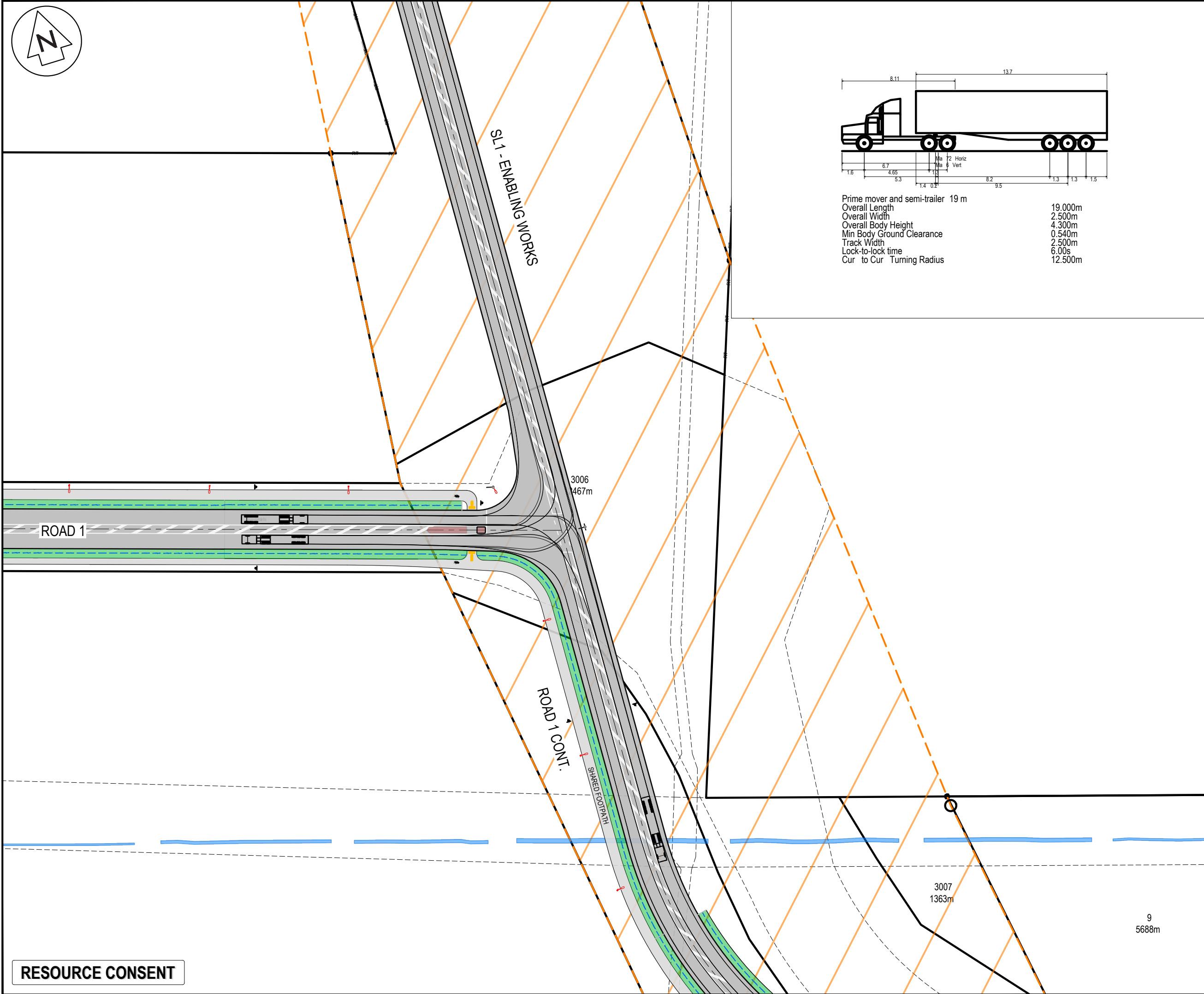
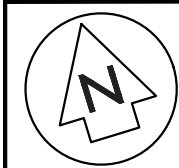
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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED ROADING
VEHICLE TRACKING
PLAN**

Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-11-C340 RD VEHICLE TRACKING.DWG
Drawing no.	I1-C340-3
Rev	A

RESOURCE CONSENT



Prime mover and semi-trailer 19 m
Overall Length 19.000m
Overall Width 2.500m
Overall Body Height 4.300m
Min Body Ground Clearance 0.540m
Track Width 2.500m
Lock-to-lock time 6.00s
Cur to Cur Turning Radius 12.500m

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

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CONTINUITY LINE	W1100R1 3
LIMIT LINE	WC300R
EX BDY	EX BDY
PROP BDY	PROP BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K C	KERB AND CHANNEL
K N	KERB AND NIB
WS	WHEEL STOP
PROP SWCP SINGLE	PROP SWCP SINGLE
PROP STREET LIGHT	PROP STREET LIGHT
PROP STREET SIGN	PROP STREET SIGN
ROAD NAME SIGN	ROAD NAME SIGN
TACTILE PAVERS	TACTILE PAVERS

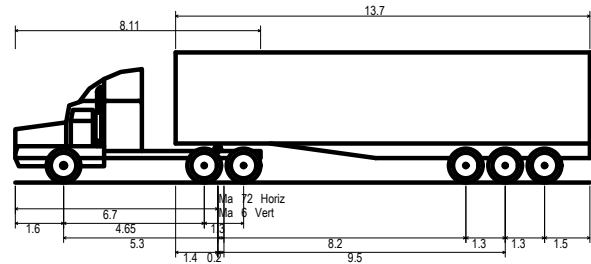
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Rev	Description	By	Date
Survey	MAVEN	05/2025	
Design	RK	05/2026	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	

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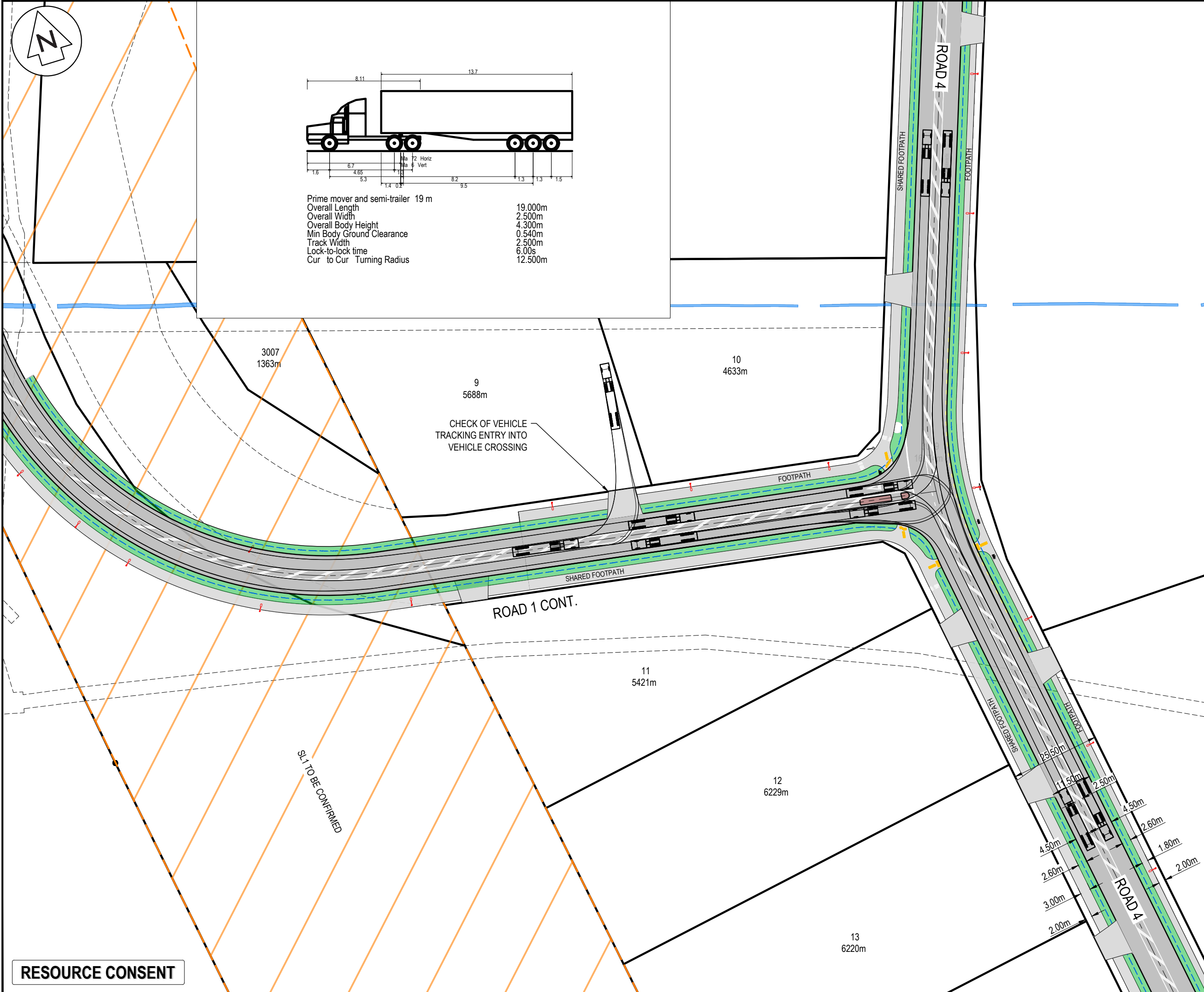
Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED ROADING
VEHICLE TRACKING
PLAN**

Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-11-C340 RD VEHICLE TRACKING.DWG
Drawing no.	I1-C340-4
Rev	A



Prime mover and semi-trailer 19 m
Overall Length 19.000m
Overall Width 2.500m
Overall Body Height 4.300m
Min Body Ground Clearance 0.540m
Track Width 2.500m
Lock-to-lock time 6.00s
Cur to Cur Turning Radius 12.500m



- NOTES
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LEGEND

CENTER LINE 1	WC100R 30m
CENTER LINE 2	WC100R3 7
NO STOPPING LINE	Y1100R1 1
CONTINUITY LINE	W1100R1 3
LIMIT LINE	WC300R
EX BDY	EX BDY
PROP BDY	PROP BDY
AC	AC PAVING
CB	BRUSHED CONCRETE
CEA	EXPOSED CONCRETE
DC	DISH CHANNEL
K C	KERB AND CHANNEL
K N	KERB AND NIB
WS	WHEEL STOP
PROP SWCP SINGLE	PROP SWCP SINGLE
PROP STREET LIGHT	PROP STREET LIGHT
PROP STREET SIGN	PROP STREET SIGN
ROAD NAME SIGN	ROAD NAME SIGN
TACTILE PAVERS	TACTILE PAVERS

A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
Survey	MAVEN	05/2025	
Design	RK	05/2026	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	

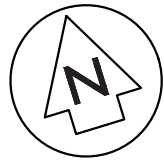
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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED ROADING
VEHICLE TRACKING
PLAN**

Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-11-C340 RD VEHICLE TRACKING.DWG
Drawing no.	11-C340-5
Rev	A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

CENTER LINE 1	WC100R 30m
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NO STOPPING LINE	Y1100R1 1
CONTINUITY LINE	W1100R1 3
LIMIT LINE	WC300R
EX BDY	EX BDY
PROP BDY	PROP BDY
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CB	BRUSHED CONCRETE
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DC	DISH CHANNEL
K C	KERB AND CHANNEL
K N	KERB AND NIB
WS	WHEEL STOP
PROP SWCP SINGLE	PROP SWCP SINGLE
PROP STREET LIGHT	PROP STREET LIGHT
PROP STREET SIGN	PROP STREET SIGN
ROAD NAME SIGN	ROAD NAME SIGN
TACTILE PAVERS	TACTILE PAVERS

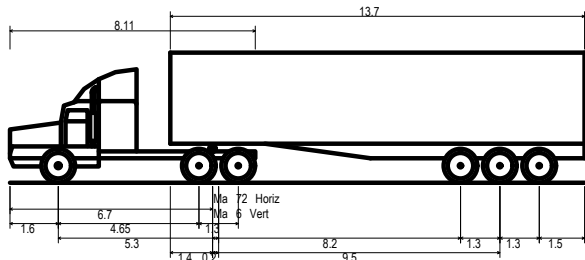
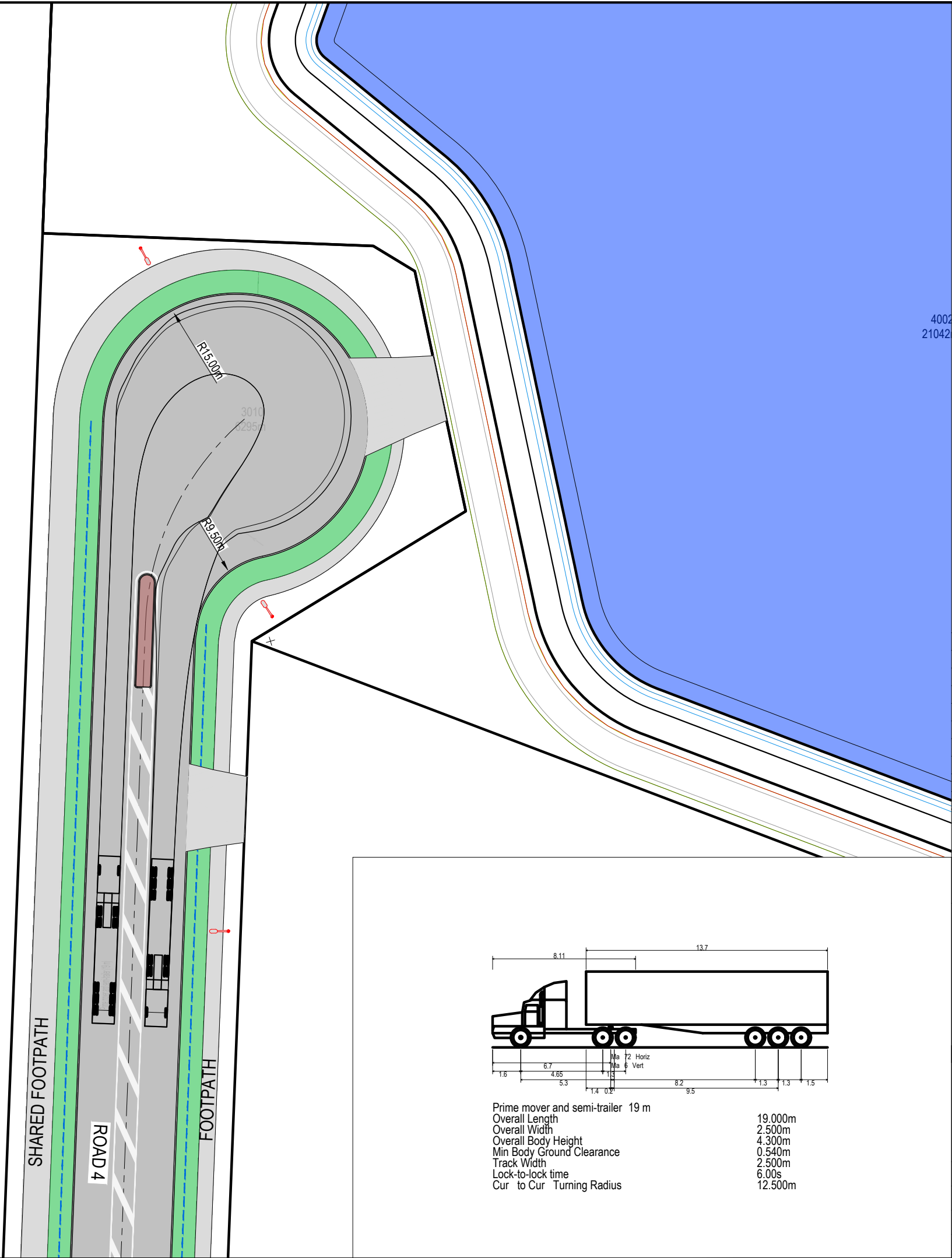
A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
	Survey	MAVEN	05/2025
	Design	RK	05/2026
	Drawn	MJRA	05/2026
	Checked	SM	09/2026

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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

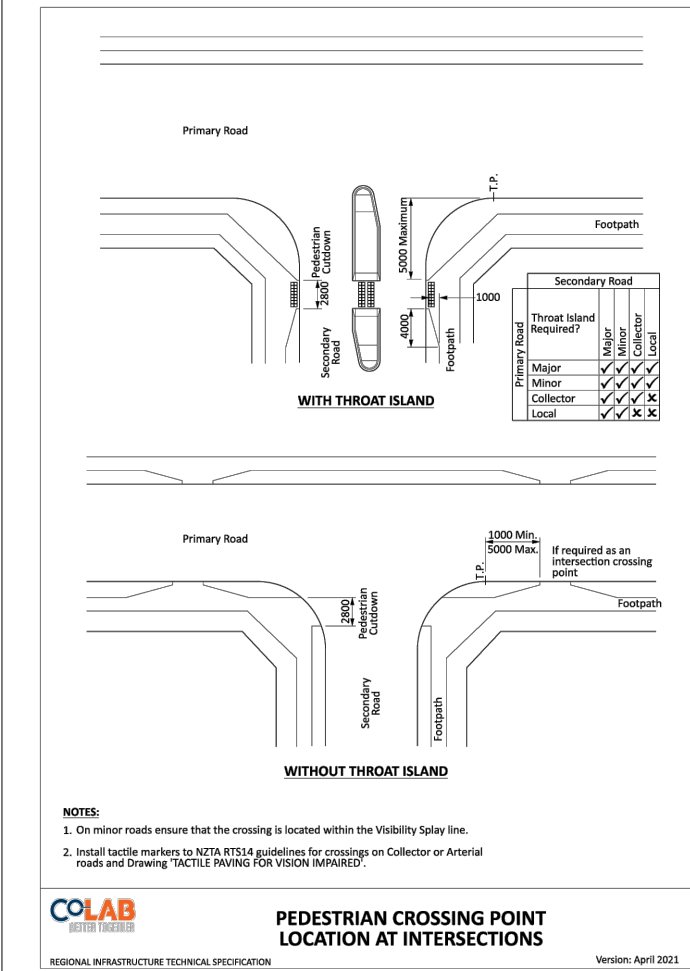
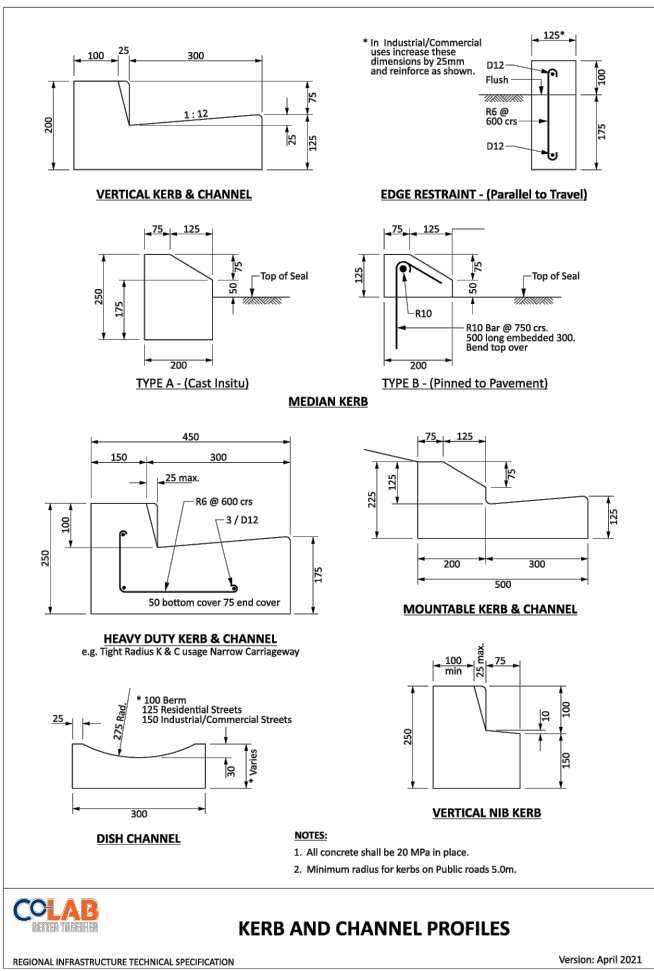
Title
**PROPOSED ROADING
VEHICLE TRACKING
PLAN**

Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-11-C340 RD VEHICLE TRACKING.DWG
Drawing no.	I1-C340-6
Rev	A

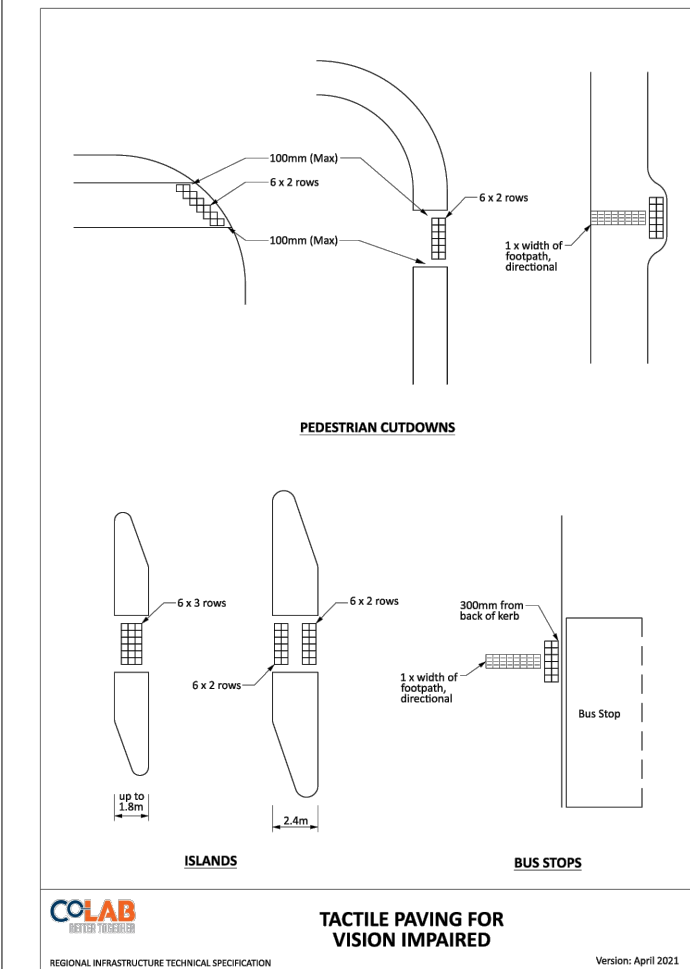
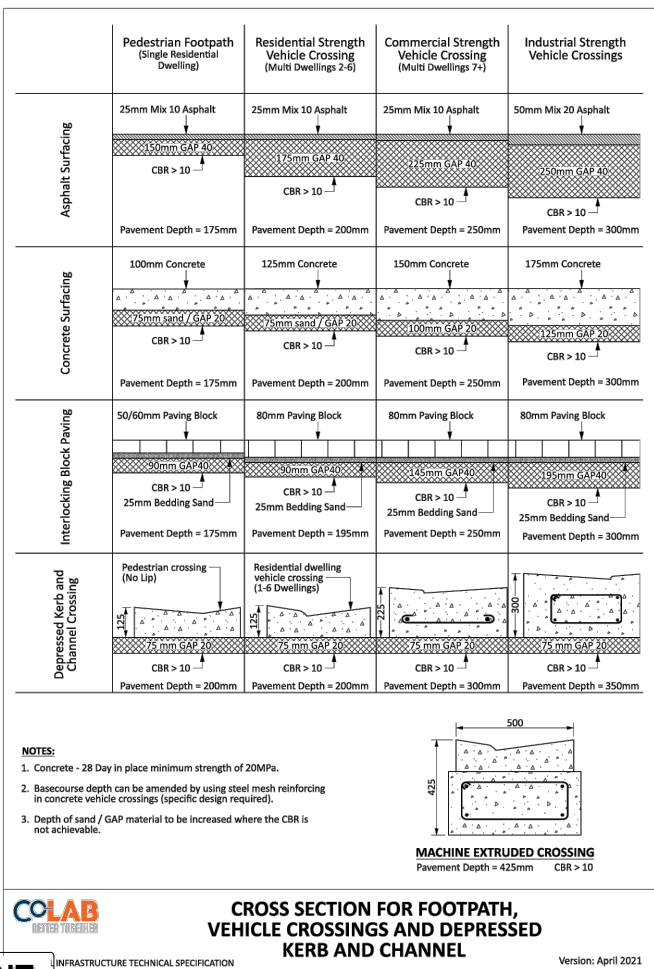


Prime mover and semi-trailer 19 m
Overall Length 19.000m
Overall Width 2.500m
Overall Body Height 4.300m
Min Body Ground Clearance 0.540m
Track Width 2.500m
Lock-to-lock time 6.00s
Cur to Cur Turning Radius 12.500m

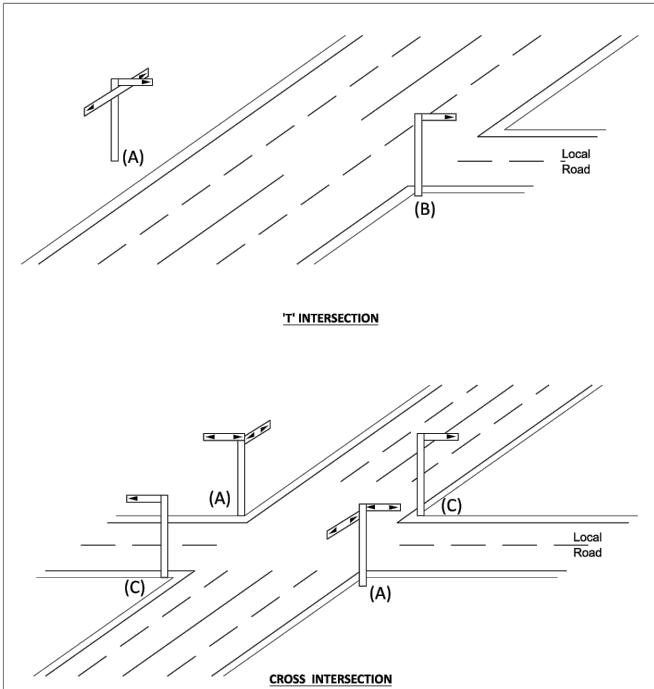
RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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 7. SETOUT SCHEDULE WITH CO-ORDINATES OF CHAINAGE POINTS ALONG ROAD CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.



A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
		By	Date
Survey	-- / --	-- / --	
Design	MJRA	05/2026	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	
M Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz Level 1 286 Victoria Street, Hamilton New Zealand			
Project SOUTHERN LINKS 1 RESIDENTIAL STAGE 1 HAMILTON, WAIKATO FOR SL1 NORTHERN CONSORTIUM			
Title PROPOSED ROADING STANDARD DETAILS			
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298002-11-C380 RD STD DETAILS.DWG		
Drawing no.	I1-C380-2	Rev	A



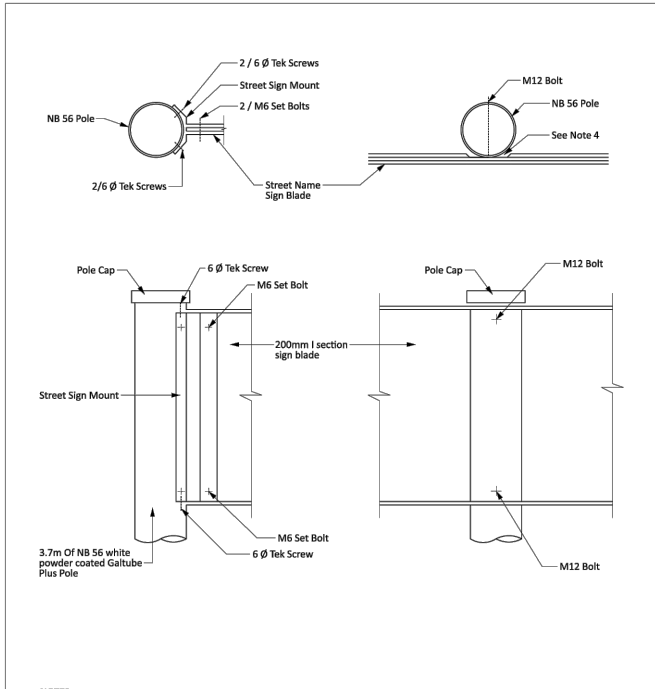
- NOTES:**
1. Triangular arrows to be added to Street Name signs as indicated on diagrams (both side of signs).
 2. Signs should always be provided at location (A).
 3. At 'T' intersection, a sign only needs to be erected at location (B) when the carriageway is excessively wide or due to visibility constraints.
 4. Where the name of the cross-street changes, additional name signs should be provided at location (C).

COLAB
BETTER TOGETHER

**STREET NAME SIGNS
ARTERIAL OR COLLECTOR
INTERSECTION WITH LOCAL ROAD**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



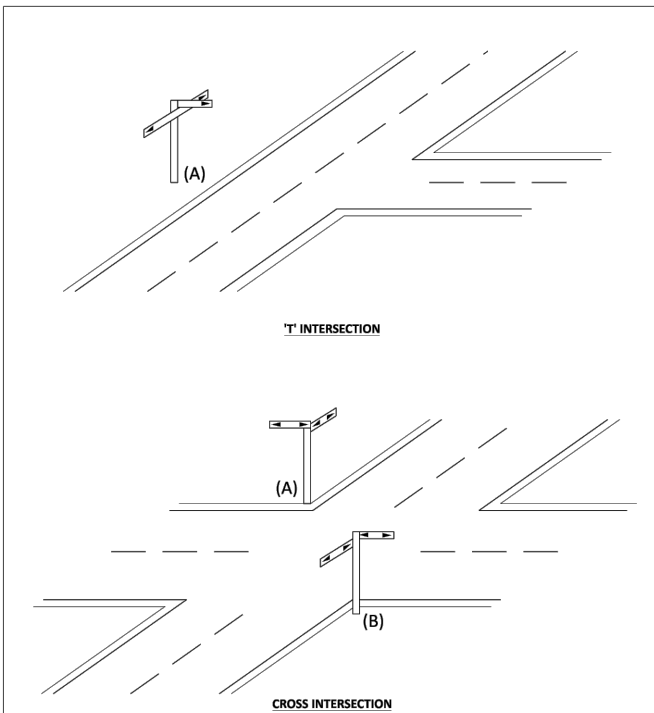
- NOTES:**
1. Plastic washers are to be used against the sign face. Bolts are to be tightened in a manner which will not tear the reflective sheeting.
 2. The distance between the ground and the top of the top sign blade shall be 3.0m.
 3. Lettering on the sign blade to finish not less than 30mm from blade end to allow complete visibility of the sign.
 4. Where street name signs are to be attached to other than N.B. 56 Poles, the street sign mount is to be slotted top and bottom and strapped to pole with stainless steel bands.
 5. Cut notch into I section sign blade (top and bottom) to enable sign to sit flat against pole.
 6. No Exit supplements are to be taped to bottom flange of sign.
 7. 'Signfix' brackets shall be used for end mounted signs longer than 1.2m.

COLAB
BETTER TOGETHER

**ATTACHMENT OF STREET NAME
SIGN BLADES TO POLES**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



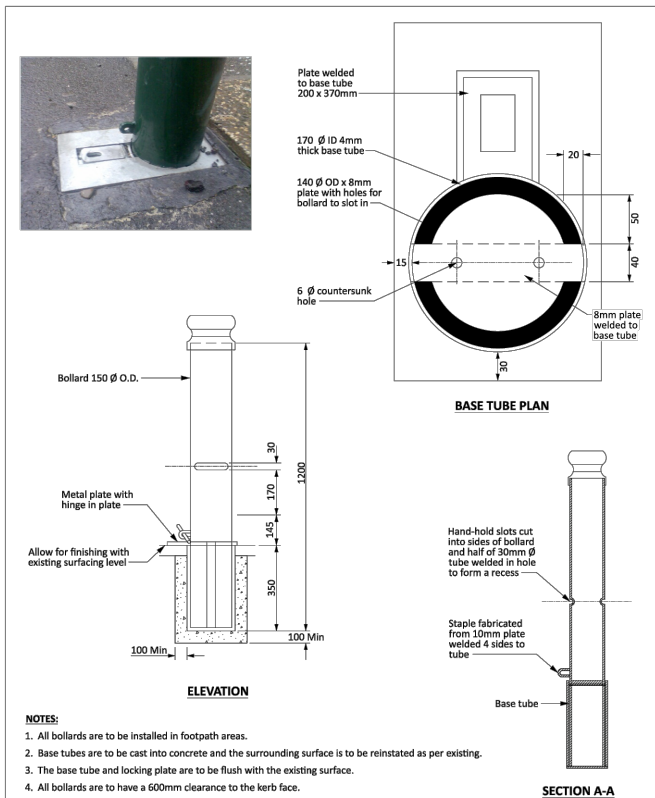
- NOTES:**
1. Triangular arrows to be added to Street Name signs as indicated on diagrams (both side of signs).
 2. Signs should always be provided at location (A).
 3. Where the name of the cross-street changes, additional name signs should be provided at location (B).

COLAB
BETTER TOGETHER

**STREET NAME SIGNS
LOCAL / LOCAL INTERSECTIONS**

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



- NOTES:**
1. All bollards are to be installed in footpath areas.
 2. Base tubes are to be cast into concrete and the surrounding surface is to be reinstated as per existing.
 3. The base tube and locking plate are to be flush with the existing surface.
 4. All bollards are to have a 600mm clearance to the kerb face.
 5. Bollard cap is made of spun aluminium (scallop style shown)
 6. Bollard caps are to be held in place with rivets.
 7. Galvanised or Powder coating, colour to be specified.
 8. Bollard is to be slotted 350mm from the bottom to allow it to sit in base tube.
 9. A secondary base tube, located nearby, may be required to allow for safe storage of bollards when removed for extended period.

COLAB
BETTER TOGETHER

LOCKABLE REMOVABLE BOLLARDS

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

- NOTES**
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A	FAST TRACK APP	MJRA	09/2026
Rev	Description	By	Date
Survey	-- / --	-- / --	
Design	MJRA	05/2026	
Drawn	MJRA	05/2026	
Checked	SM	09/2026	

M
M A E N

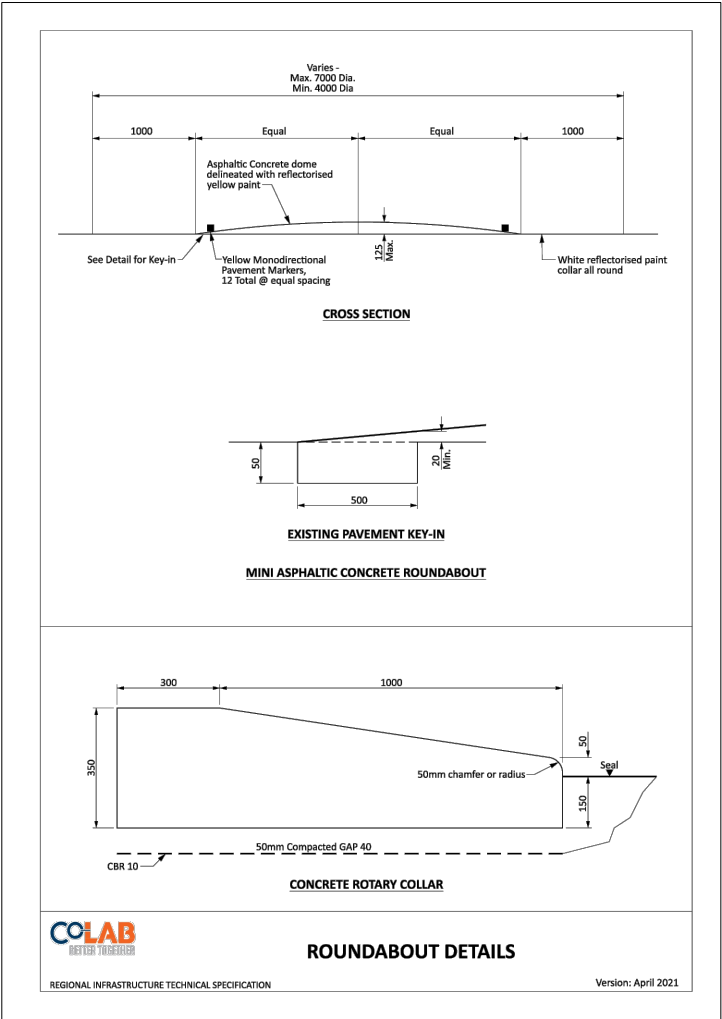
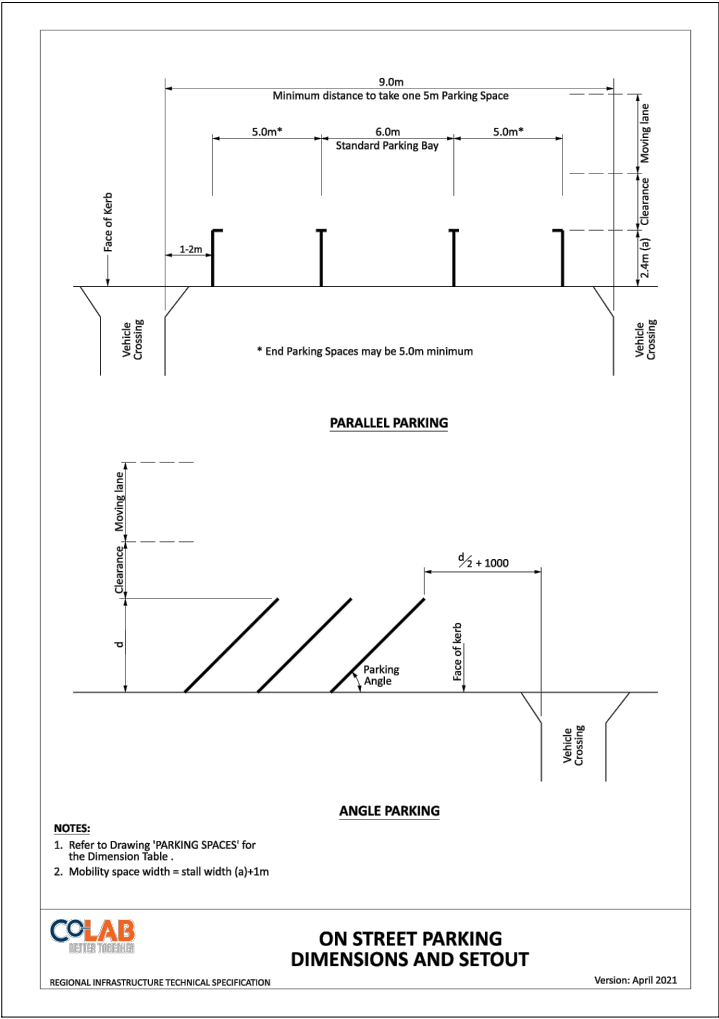
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New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
ROADING
STANDARD DETAILS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298002-11-C380 RD STD DETAILS.DWG
Drawing no.	I1-C380-3
Rev	A

RESOURCE CONSENT



- NOTES
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Rev	Description			By	Date
	By		Date		
Survey	-- / --		-- / --		
Design	MJRA		05/2026		
Drawn	MJRA		05/2026		
Checked	SM		09/2026		
M A E N <					

RESOURCE CONSENT



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 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
 7. ALL CESSPIT LEADS SHALL HAVE MIN COVER 0.9M.
 8. ALL LINES ARE TO BE CLASS4 RCRRJ UNLESS SHOWN OTHERWISE.
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LEGEND

	EX BDY
	PROP BDY
	EX STORMWATER
	PR STORMWATER
	EX/PROP SWMH
	PROP SWCP SINGLE
	PROP SWCP DOUBLE
	PR LOT CONNECTION
	PR SWALE
	EX WASTEWATER
	PROP WASTEWATER
	PROP RISING MAIN
	EX/PROP WWMH
	PR WW LOT CON

A	FAST TRACK APP	SM	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	MKS		06/2026
Drawn	RLK		06/2026
Checked	SM		09/2026



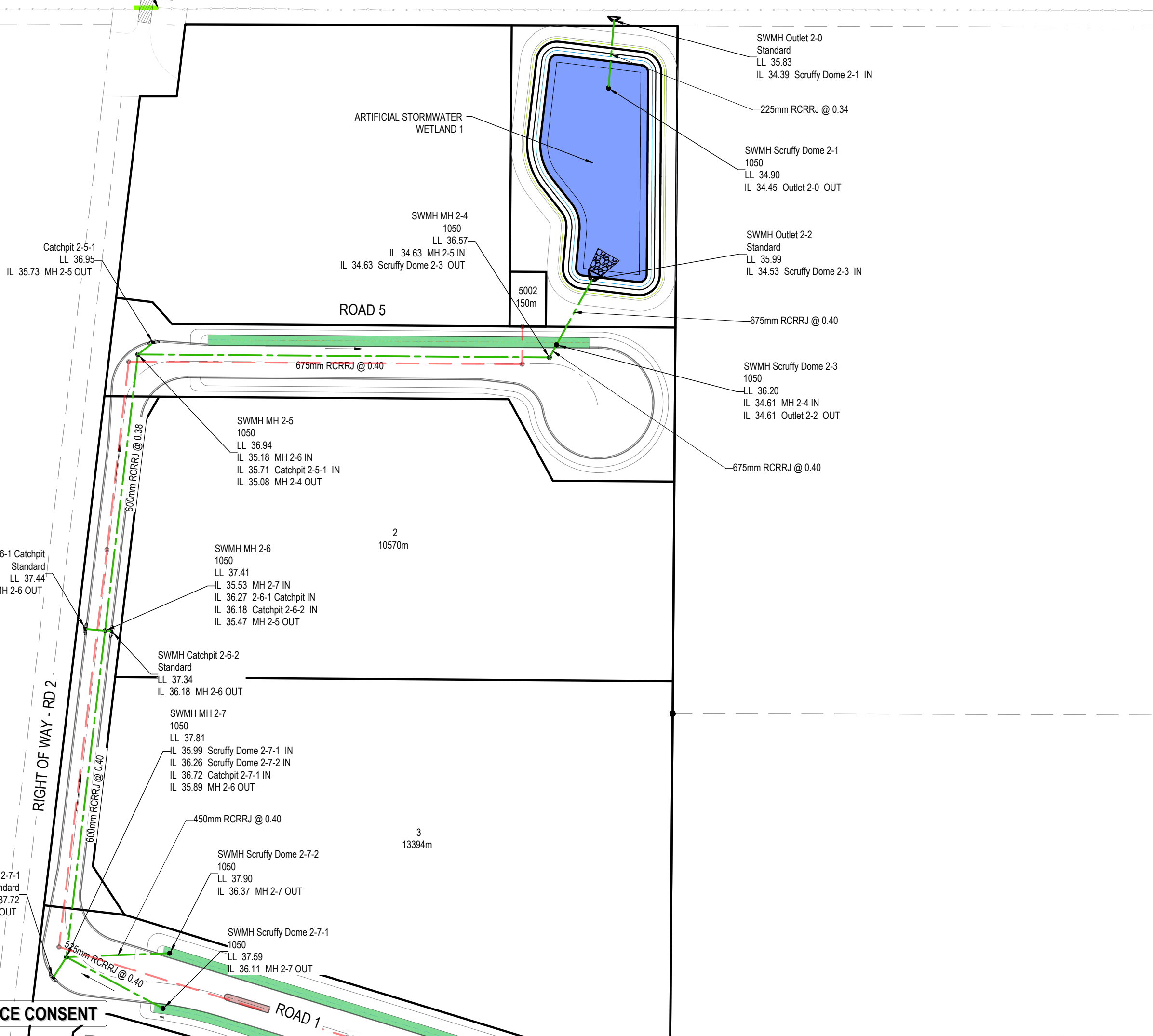
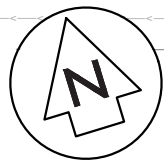
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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
STORMWATER
OVERVIEW PLAN**

Project no.	298002-IND SL1		
Scale	1:5000 @ A3		
Cad file	298002-11-C400 SW.DWG		
Drawing no.	I1-C400	Rev	A

RESOURCE CONSENT



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	PR LOT CONNECTION
	PR SWALE
	EX WASTEWATER
	PROP WASTEWATER
	PROP RISING MAIN
	EX/PROP WWMH
	PR WW LOT CON

A	FAST TRACK APP	SM	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	MKS		06/2026
Drawn	RLK		06/2026
Checked	SM		09/2026



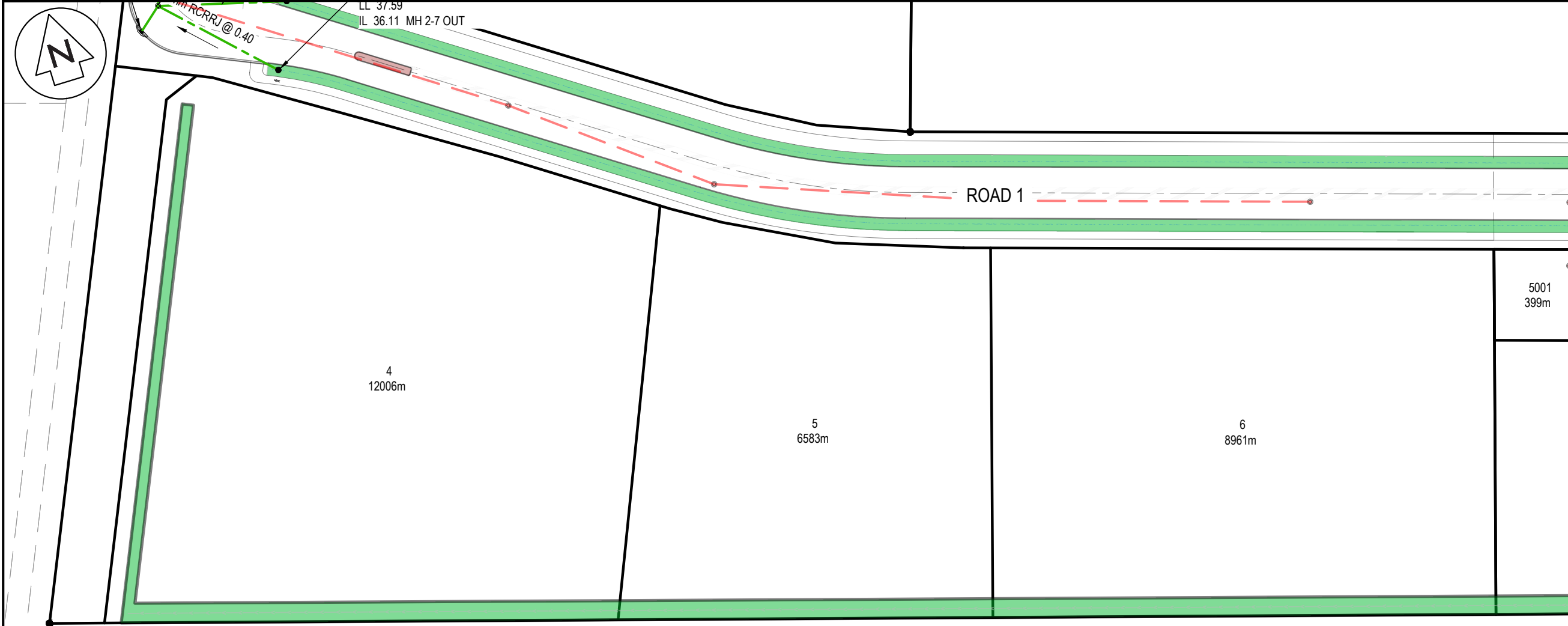
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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
STORMWATER
PLAN**

Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-I1-C400 SW.DWG
Drawing no.	I1-C400-1
Rev	A

RESOURCE CONSENT



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 - PROP WASTEWATER
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A	FAST TRACK APP	SM	09/2026
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	By	Date	
Survey	MAVEN	05/2025	
Design	MKS	06/2026	
Drawn	RLK	06/2026	
Checked	SM	09/2026	

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Project

SOUTHERN LINKS 1

INDUSTRIAL STAGE 1

HAMILTON, WAIKATO

FOR SL1

NORTHERN CONSORTIUM

Title

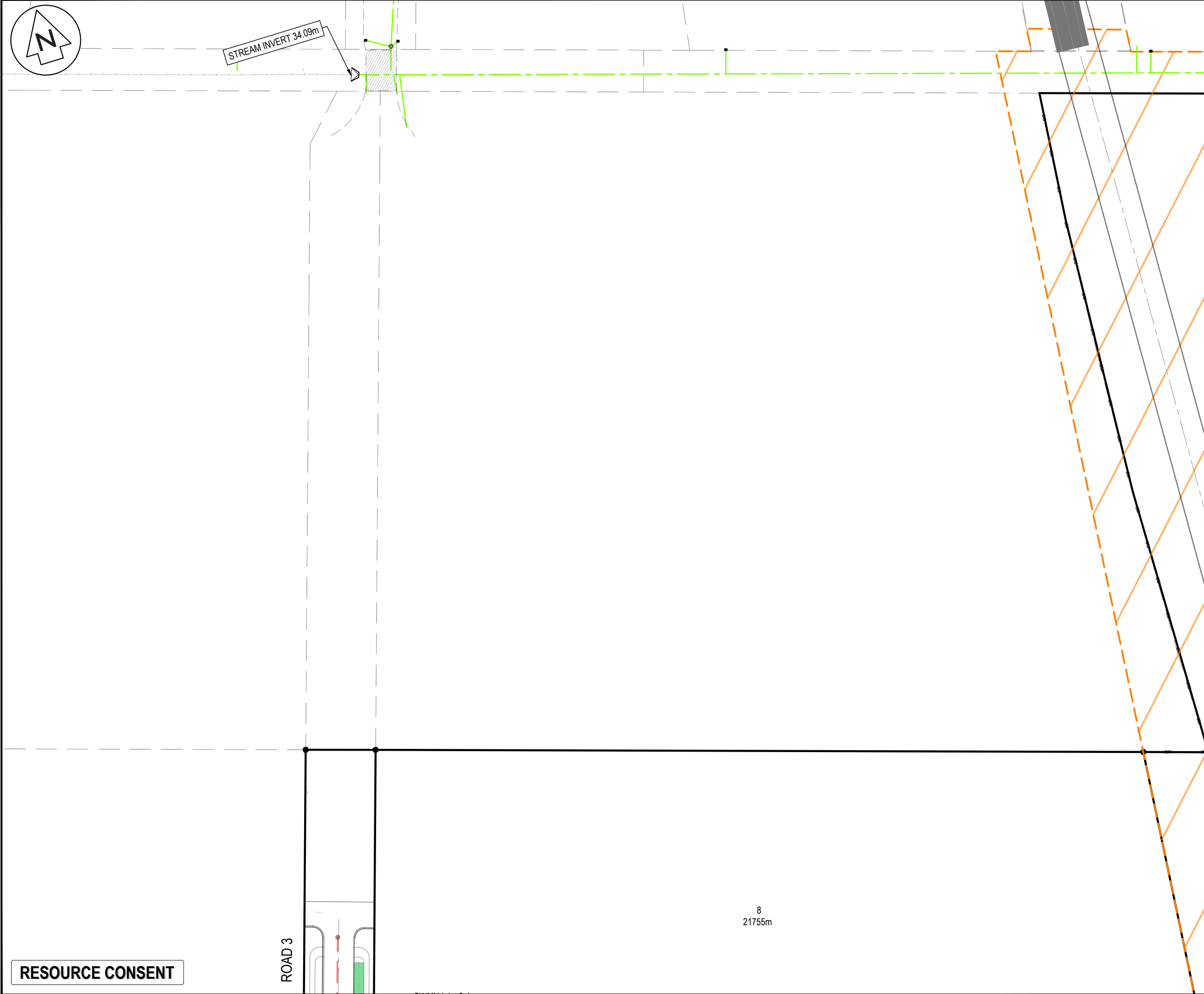
PROPOSED

STORMWATER

PLAN

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-I1-C400 SW.DWG		
Drawing no.	I1-C400-2	Rev	A

RESOURCE CONSENT



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	PROP WASTEWATER
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A	FAST TRACK APP	SM	09/2026
Rev	Description	By	Date
	Survey	MAVEN	05/2025
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Project

**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title

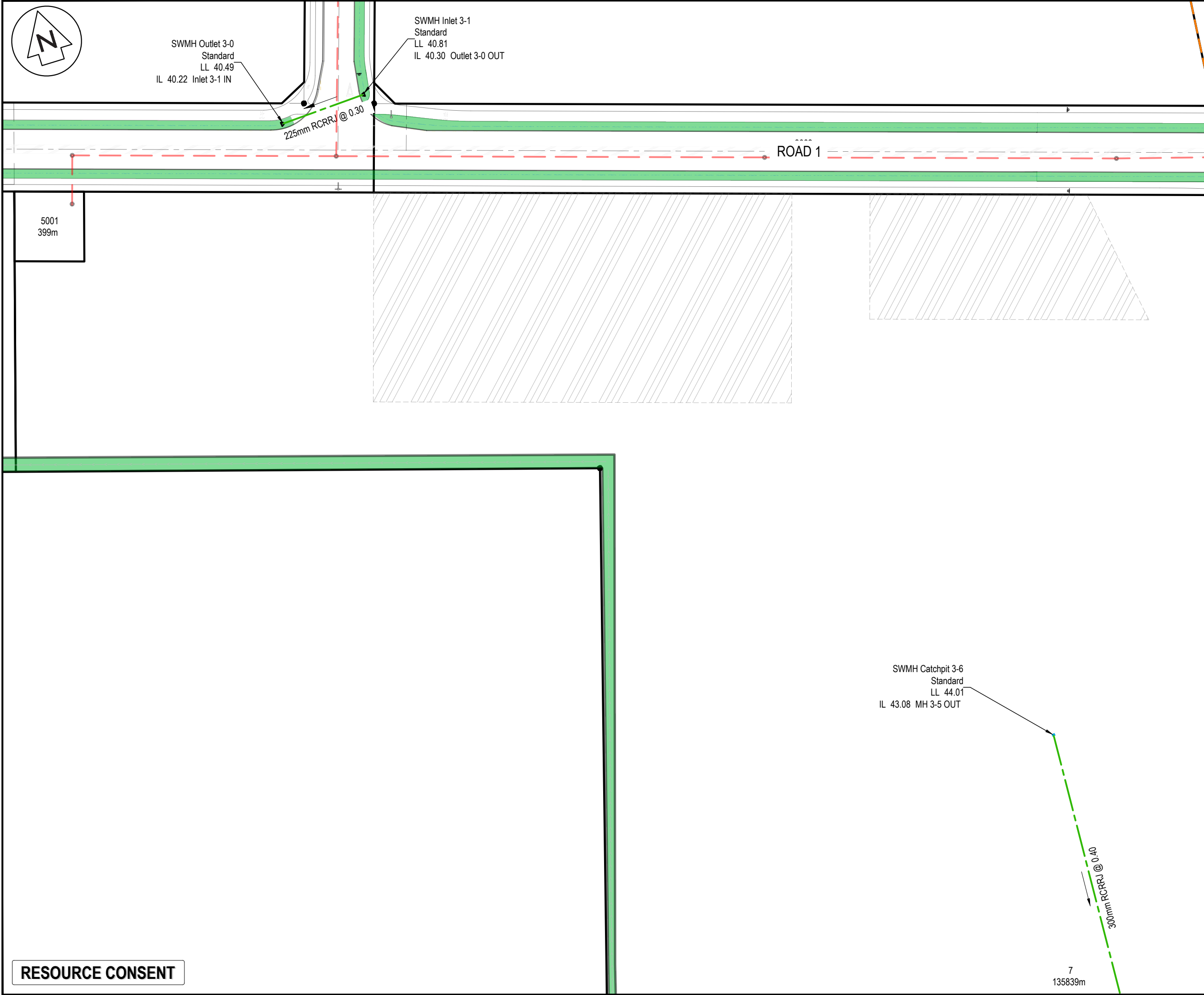
**PROPOSED
STORMWATER
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-I1-C400 SW.DWG		
Drawing no.	I1-C400-3	Rev	A

RESOURCE CONSENT

ROAD 3

8
21755m



NOTES

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LEGEND

EX BDY

PROP BDY

EX STORMWATER

PR STORMWATER

EX/PROP SWMH

PROP SWCP SINGLE

PROP SWCP DOUBLE

PR LOT CONNECTION

PR SWALE

EX WASTEWATER

PROP WASTEWATER

PROP RISING MAIN

EX/PROP WWMH

PR WW LOT CON

A	FAST TRACK APP	SM	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	MKS	06/2026	
Drawn	RLK	06/2026	
Checked	SM	09/2026	

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Project

SOUTHERN LINKS 1

INDUSTRIAL STAGE 1

HAMILTON, WAIKATO

FOR SL1

NORTHERN CONSORTIUM

Title

PROPOSED

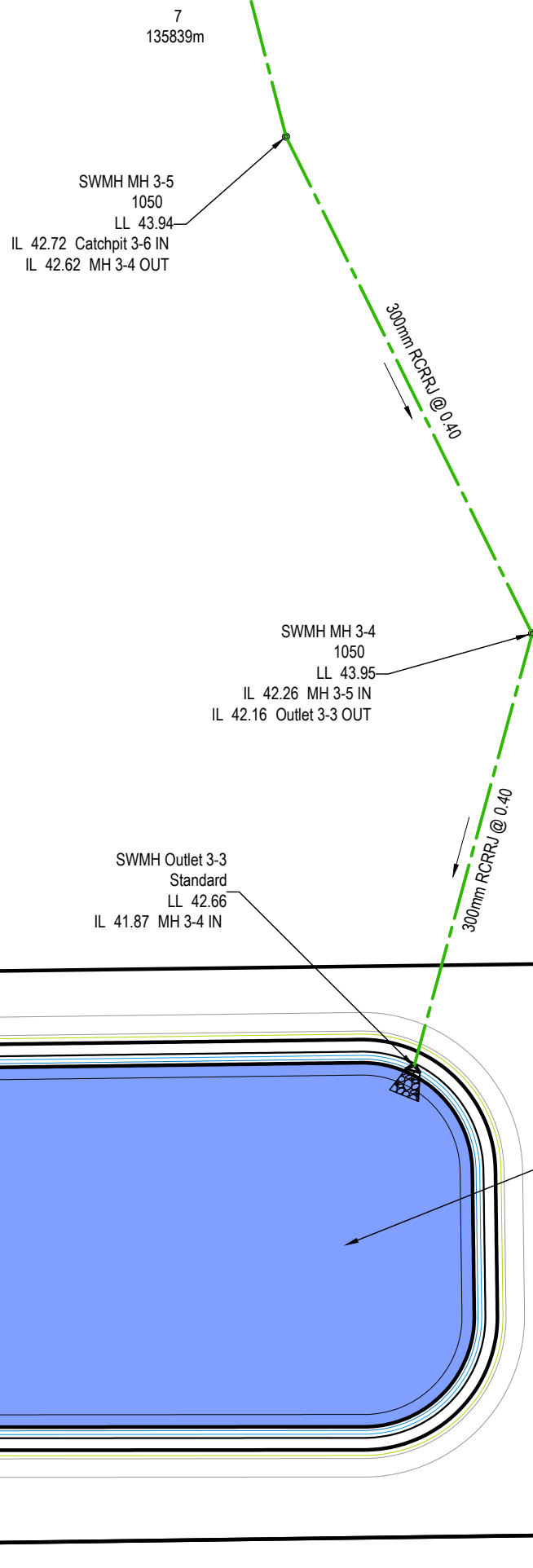
STORMWATER

PLAN

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C400 SW.DWG		
Drawing no.	I1-C400-4	Rev	A

DATE: 9/26 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO-NO-SHARE\CURRENT\MAVEN-HAMILTON6-PROJECTS\298002-SL1\SET1\IND050202-11-C400 SW.DWG

RESOURCE CONSENT



LEGEND

- EX BDY
- PROP BDY
- EX STORMWATER
- PR STORMWATER
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- PROP SWCP SINGLE
- PROP SWCP DOUBLE
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A	FAST TRACK APP	SM	09/2026
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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title

**PROPOSED
STORMWATER
PLAN**

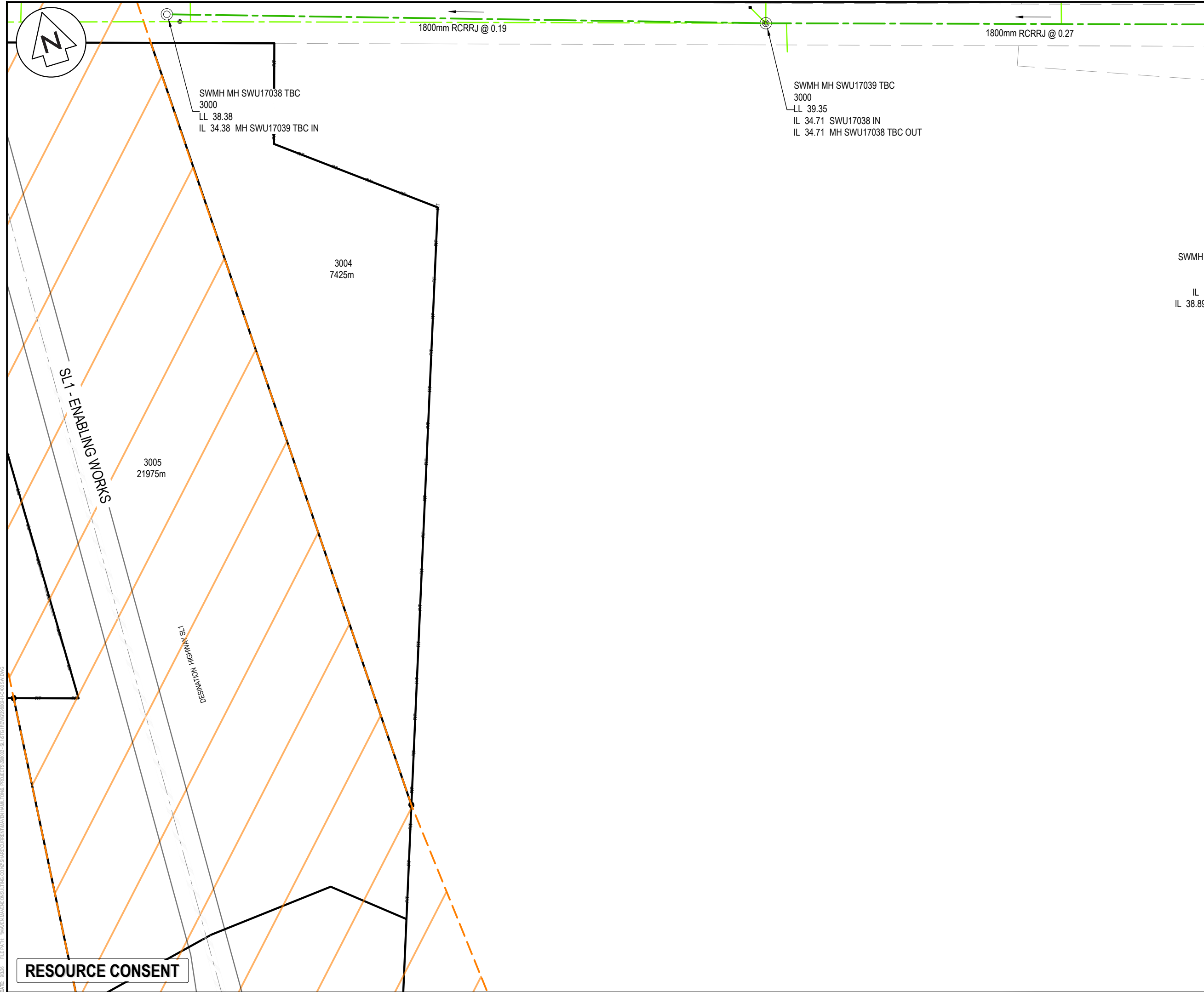
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Scale	1:1000 @ A3		
Cad file	298002-I1-C400 SW.DWG		
Drawing no.	I1-C400-5	Rev	A

RESOURCE CONSENT

SWMH Outlet 3-1
Standard
LL 42.51
IL 41.14 Scruffy Dome 3-2 IN

ARTIFICIAL STORMWATER
WETLAND 2

DATE: 9/3/26 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO.NZ\SHARE\CURRENT\MAVEN HAMILTON6, PROJECTS\298002 - SL1\STG1\DMG\298002-11-C400 SW.DWG



NOTES

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- APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL STORMWATER LINES WITHIN THE ROAD RESERVE.
- HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
- ALL CESSPIT LEADS SHALL HAVE MIN COVER 0.9M.
- ALL LINES ARE TO BE CLASS4 RCRRJ UNLESS SHOWN OTHERWISE.
- ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.

LEGEND

	EX BDY
	PROP BDY
	EX STORMWATER
	PR STORMWATER
	EX/PROP SWMH
	PROP SWCP SINGLE
	PROP SWCP DOUBLE
	PR LOT CONNECTION
	PR SWALE
	EX WASTEWATER
	PROP WASTEWATER
	PROP RISING MAIN
	EX/PROP WWMH
	PR WW LOT CON

A	FAST TRACK APP	SM	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	MKS	06/2026	
Drawn	RLK	06/2026	
Checked	SM	09/2026	

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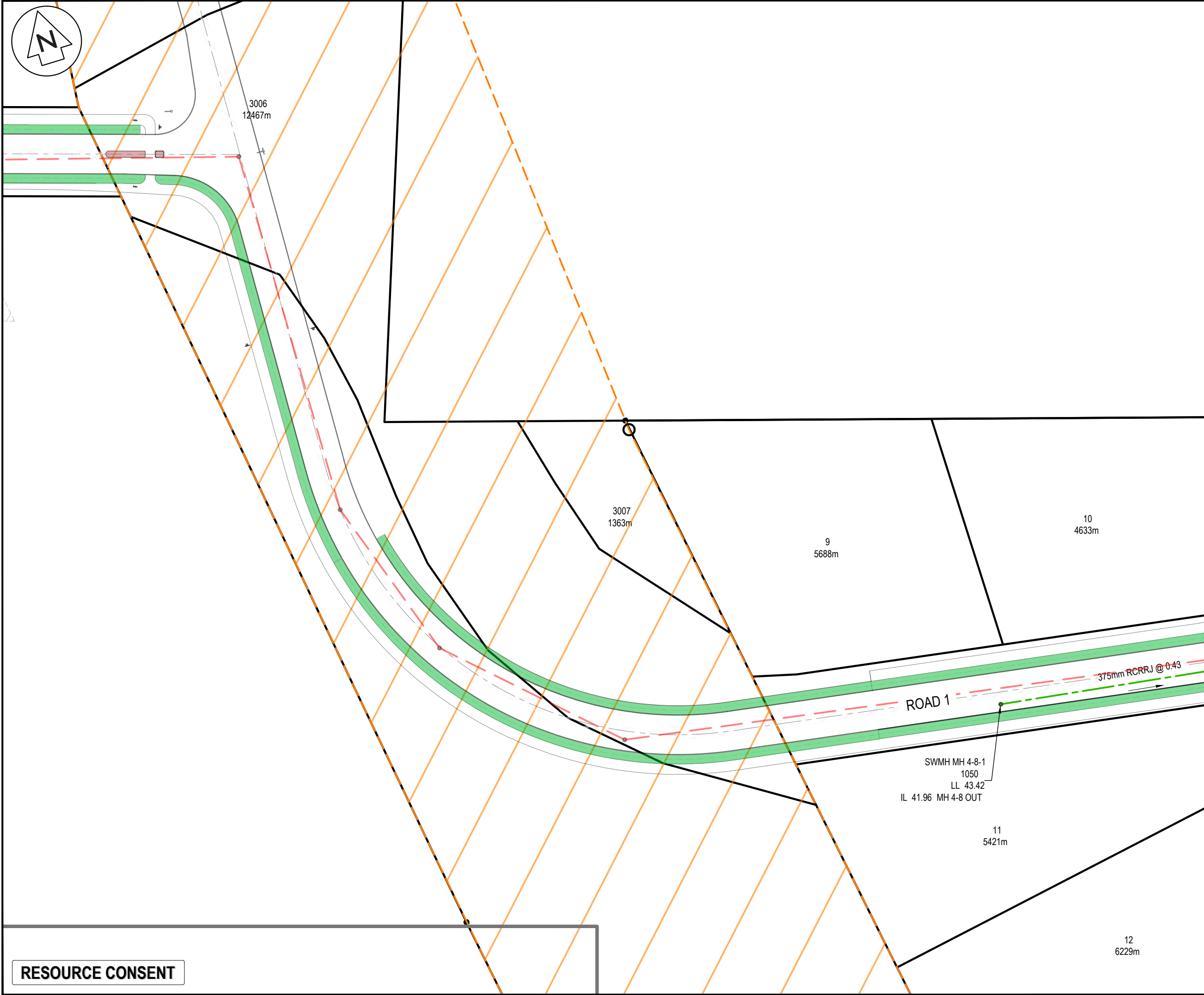
Project

**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title

**PROPOSED
STORMWATER
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C400 SW.DWG		
Drawing no.	I1-C400-6	Rev	A



NOTES

- ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
- CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M.
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LEGEND

- EX BDY
- PROP BDY
- EX STORMWATER
- PR STORMWATER
- EX/PROP SWMH
- PROP SWCP SINGLE
- PROP SWCP DOUBLE
- PR LOT CONNECTION
- PR SWALE
- EX WASTEWATER
- PROP WASTEWATER
- PROP RISING MAIN
- EX/PROP WWMH
- PR WW LOT CON

A	FAST TRACK APP	SM	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	MKS		06/2026
Drawn	RLK		06/2026
Checked	SM		09/2026

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Project

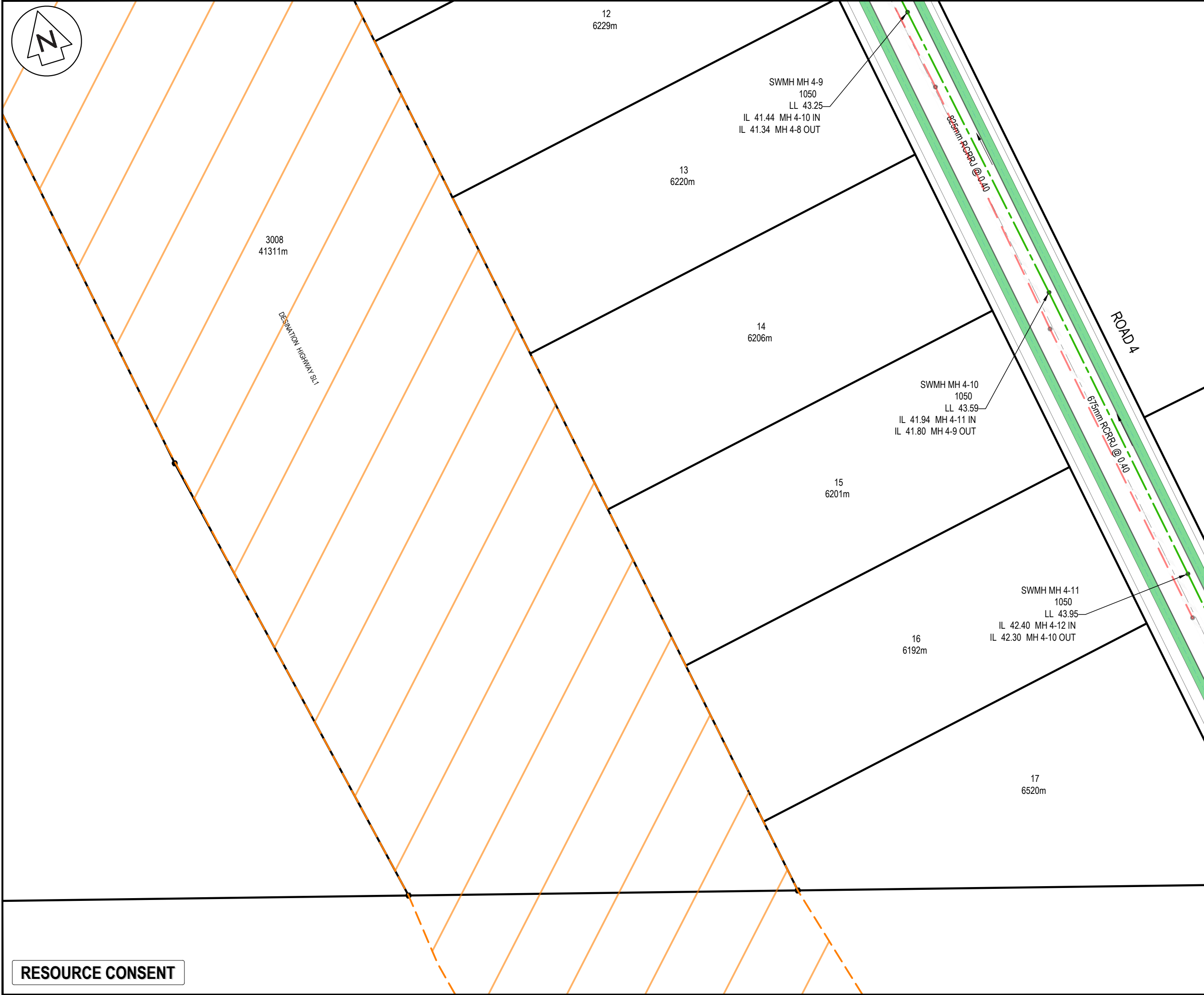
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title

**PROPOSED
STORMWATER
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C400 SW.DWG		
Drawing no.	11-C400-7	Rev	A

RESOURCE CONSENT



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M.
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LEGEND

	EX BDY
	PROP BDY
	EX STORMWATER
	PR STORMWATER
	EX/PROP SWMH
	PROP SWCP SINGLE
	PROP SWCP DOUBLE
	PR LOT CONNECTION
	PR SWALE
	EX WASTEWATER
	PROP WASTEWATER
	PROP RISING MAIN
	EX/PROP WWMH
	PR WW LOT CON

A	FAST TRACK APP	SM	09/2026
Rev	Description	By	Date
	Survey	MAVEN	05/2025
	Design	MKS	06/2026
	Drawn	RLK	06/2026
	Checked	SM	09/2026

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Project

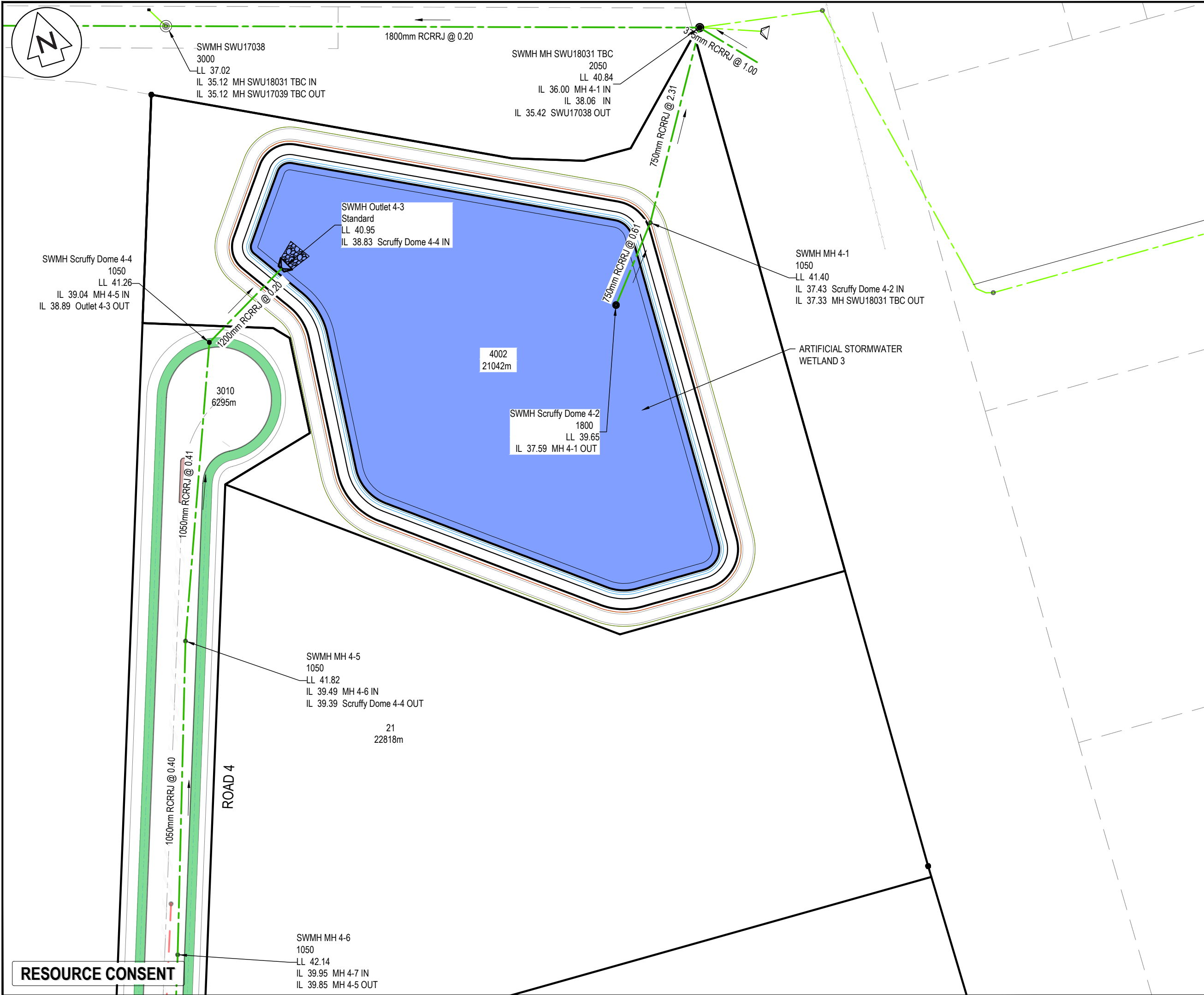
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title

**PROPOSED
STORMWATER
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C400 SW.DWG		
Drawing no.	I1-C400-8	Rev	A

RESOURCE CONSENT



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

—	EX BDY
—	PROP BDY
—	EX STORMWATER
—	PR STORMWATER
⊙	EX/PROP SWMH
⊙	PROP SWCP SINGLE
⊙	PROP SWCP DOUBLE
→	PR LOT CONNECTION
—	PR SWALE
—	EX WASTEWATER
—	PROP WASTEWATER
—	PROP RISING MAIN
⊙	EX/PROP WWMH
→	PR WW LOT CON

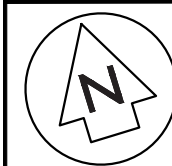
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Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	MKS		06/2026
Drawn	RLK		06/2026
Checked	SM		09/2026

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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
STORMWATER
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C400 SW.DWG		
Drawing no.	I1-C400-9	Rev	A



SWMH MH 4-6
1050
LL 42.14
IL 39.95 MH 4-7 IN
IL 39.85 MH 4-5 OUT

SWMH MH 4-7
1050
LL 42.50
IL 40.41 MH 4-8 IN
IL 40.31 MH 4-6 OUT

SWMH MH 4-8
1050
LL 42.97
IL 40.98 MH 4-9 IN
IL 41.60 MH 4-8-1 IN
IL 41.51 Scruffy Dome 4-8-2 IN
IL 40.83 MH 4-7 OUT

SWMH Scruffy Dome 4-8-2
1050
LL 42.61
IL 41.56 MH 4-8 OUT

20
41844m

19
39401m

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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- LEGEND
- EX BDY
 - PROP BDY
 - EX STORMWATER
 - PR STORMWATER
 - EX/PROP SWMH
 - PROP SWCP SINGLE
 - PROP SWCP DOUBLE
 - PR LOT CONNECTION
 - PR SWALE
 - EX WASTEWATER
 - PROP WASTEWATER
 - PROP RISING MAIN
 - EX/PROP WWMH
 - PR WW LOT CON

A	FAST TRACK APP	SM	09/2026
Rev	Description	By	Date
	Survey	MAVEN	05/2025
	Design	MKS	06/2026
	Drawn	RLK	06/2026
	Checked	SM	09/2026



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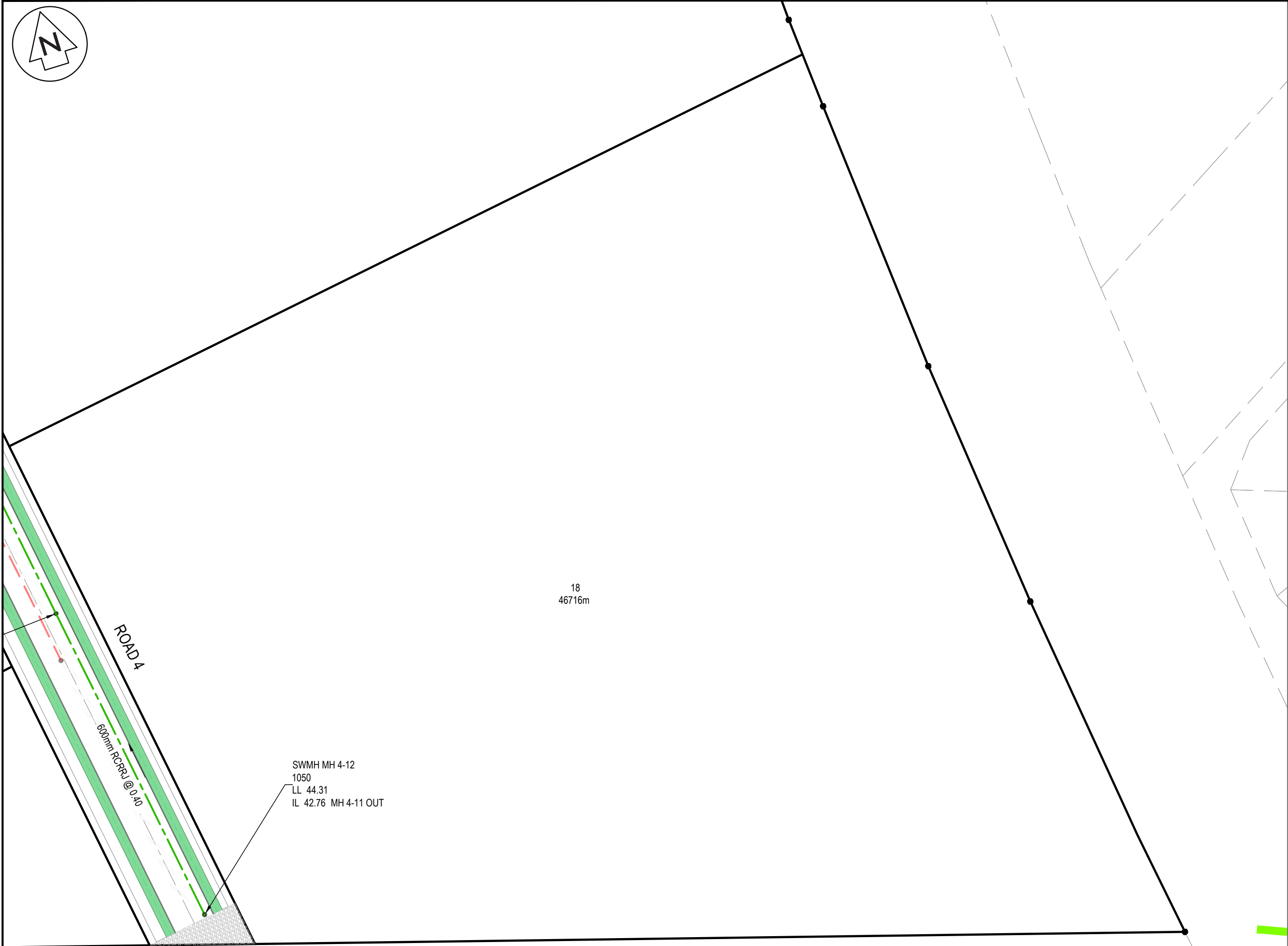
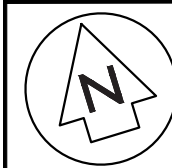
Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
STORMWATER
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-I1-C400 SW.DWG		
Drawing no.	I1-C400-10	Rev	A

DATE: 9/26 FILE PATH: \MAVEN\MAVENCONSULTING\CO-NZ\SHARE\CURRENT\MAVEN-HAMILTON-PROJECTS\298002-SL1\ST1\INDWG\298002-11-C400 SW.DWG

RESOURCE CONSENT



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

	EX BDY
	PROP BDY
	EX STORMWATER
	PR STORMWATER
	EX/PROP SWMH
	PROP SWCP SINGLE
	PROP SWCP DOUBLE
	PR LOT CONNECTION
	PR SWALE
	EX WASTEWATER
	PROP WASTEWATER
	PROP RISING MAIN
	EX/PROP WWMH
	PR WW LOT CON

A	FAST TRACK APP	SM	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	MKS		06/2026
Drawn	RLK		06/2026
Checked	SM		09/2026

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Project

**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

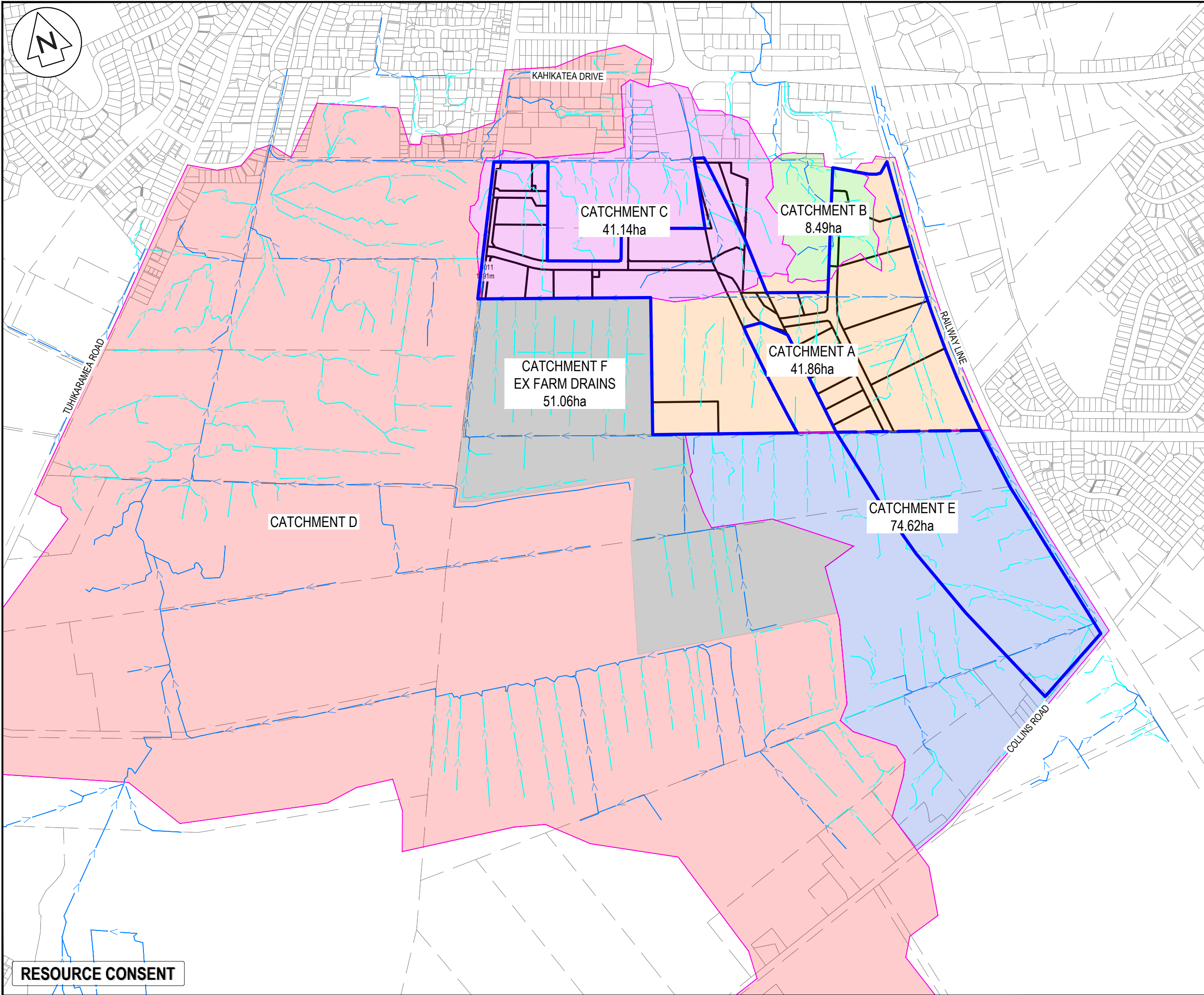
Title

**PROPOSED
STORMWATER
PLAN**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C400 SW.DWG		
Drawing no.	I1-C400-11	Rev	A

DATE: 9/26 FILE PATH: \\MVEN\MAVEN\CONSULTING\CO\N\SHARE\CURRENT\MAVEN\HAMILTON\ PROJECTS\298002 - SOUTHERN LINKS 1\INDUSTRIAL STAGE 1\11-C400 SW.DWG

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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LEGEND

	EX BDY
	PROP BDY
	EX. OLFP
	EX. OLFP
	OLFP CATCHMENT A
	OLFP CATCHMENT B
	OLFP CATCHMENT C
	OLFP CATCHMENT D
	OLFP CATCHMENT E
	OLFP CATCHMENT F
	EX MAJOR CONTOUR
	EX MINOR CONTOUR

A	FAST TRACK APP	RH	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RH	02/2026	
Drawn	RH	02/2026	
Checked	SM	09/2026	

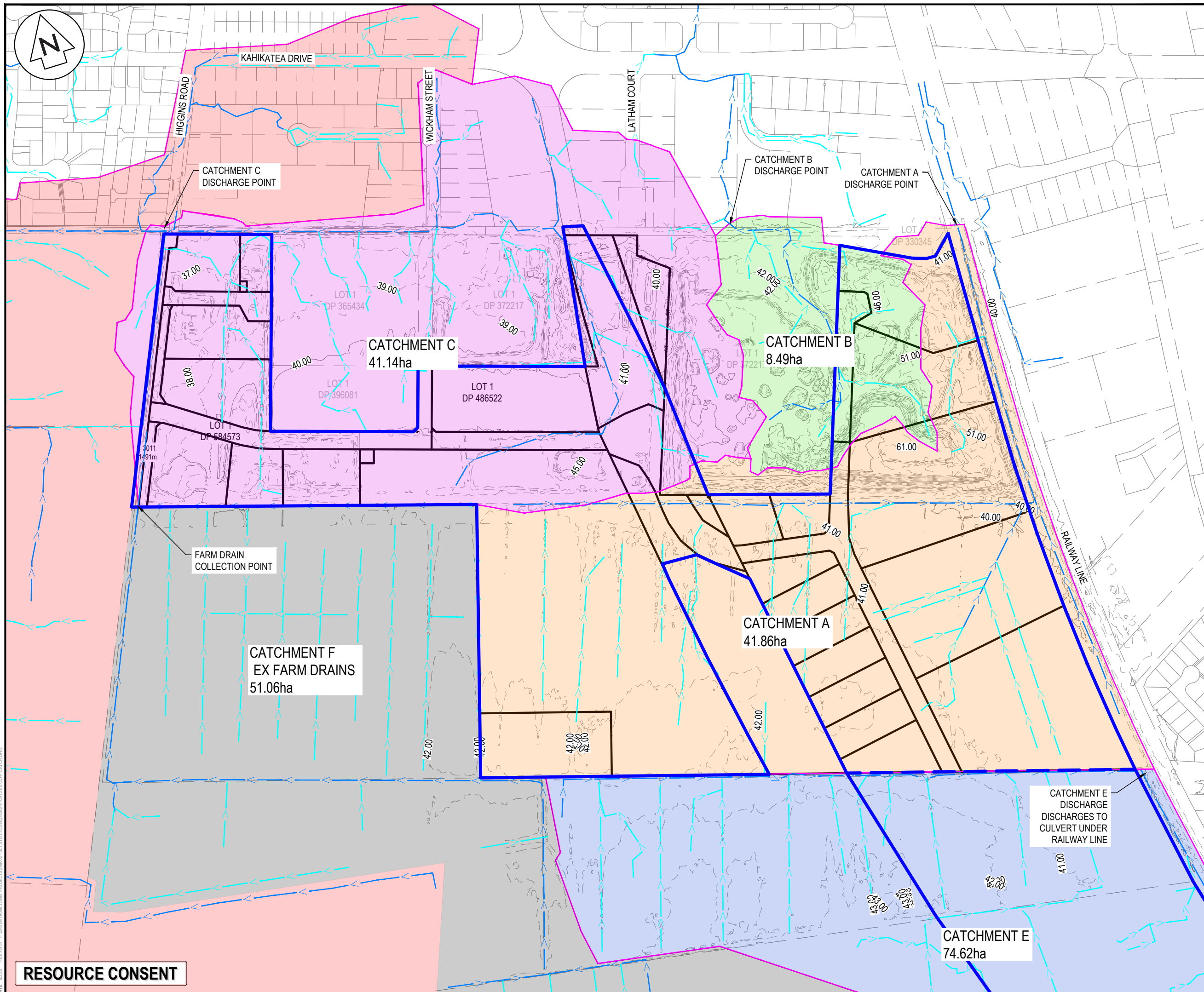
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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**EXISTING OVERLAND
FLOW PATH CATCHMENT
OVERVIEW PLAN**

Project no.	298002-IND SL1		
Scale	1:10000 @ A3		
Cad file	298002-I1-C410 EX OLFP CATCH.DWG		
Drawing no.	I1-C410	Rev	A

RESOURCE CONSENT



NOTES

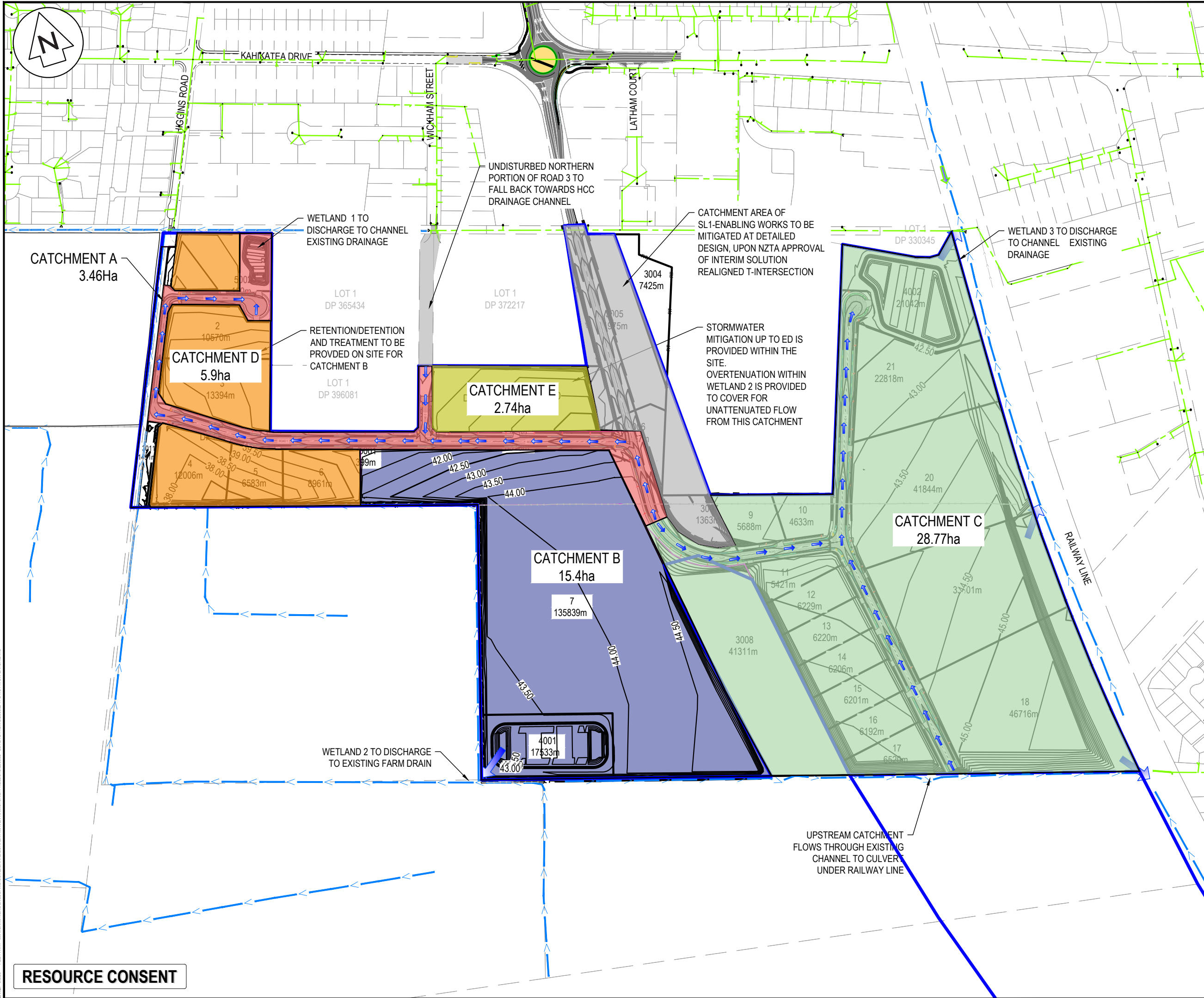
LEGEND

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Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	RH	02/2026	
Drawn	RH	02/2026	
Checked	SM	09/2026	

Project

**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Project no.	298002-IND SL1		
Scale	1:5000 @ A3		
Cad file	298002-I1-C410 EX OLFP CATCH.DWG		
Drawing no.	I1-C410-1	Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M.

LEGEND

---	EX BDY
---	PROP BDY
---	EX. DRAINS/CHANNELS
---	OLFP CATCHMENT A
---	OLFP CATCHMENT B
---	OLFP CATCHMENT C
---	OLFP CATCHMENT D
---	OLFP CATCHMENT E

A	FAST TRACK APP	RH	09/2026
Rev	Description	By	Date
Survey	MAVEN		05/2025
Design	RH		02/2026
Drawn	RH		02/2026
Checked	SM		09/2026

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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

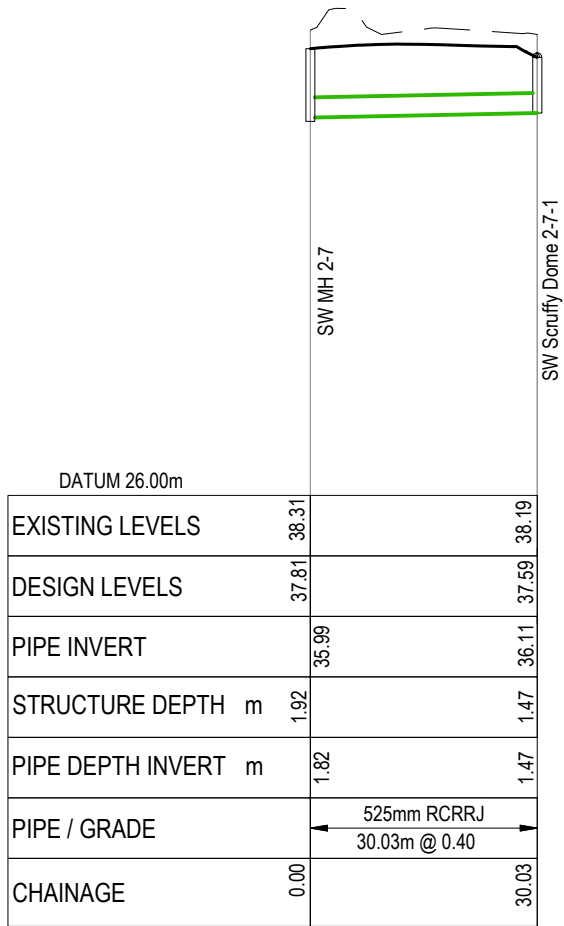
Title
**PROPOSED WETLAND
CATCHMENT PLAN
INDUSTRIAL**

Project no.	298002-IND SL1		
Scale	1:5000 @ A3		
Cad file	298002-11-C415 PR SW CATCH.DWG		
Drawing no.	I1-C415	Rev	B

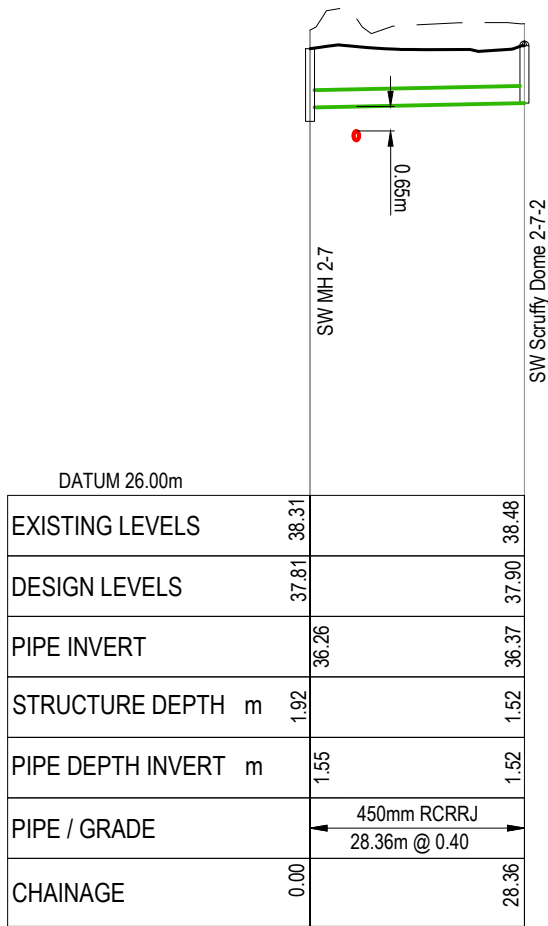
RESOURCE CONSENT

DATE: 9/2025 FILE PATH: \MAVEN\MAVENCONSULTING\CO\NASHARE\CURRENT\MAVEN-HAMILTON\6. PROJECTS\298002-11-C415 PR SW CATCH.DWG

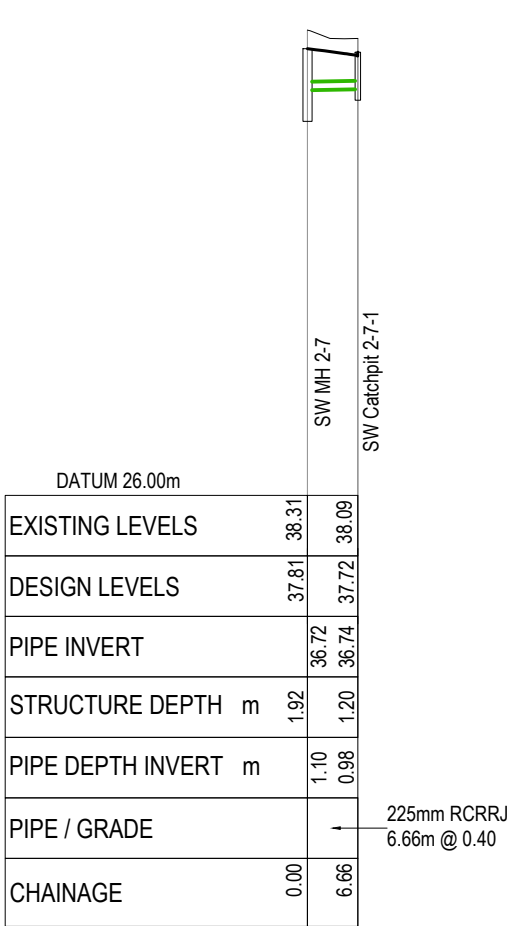
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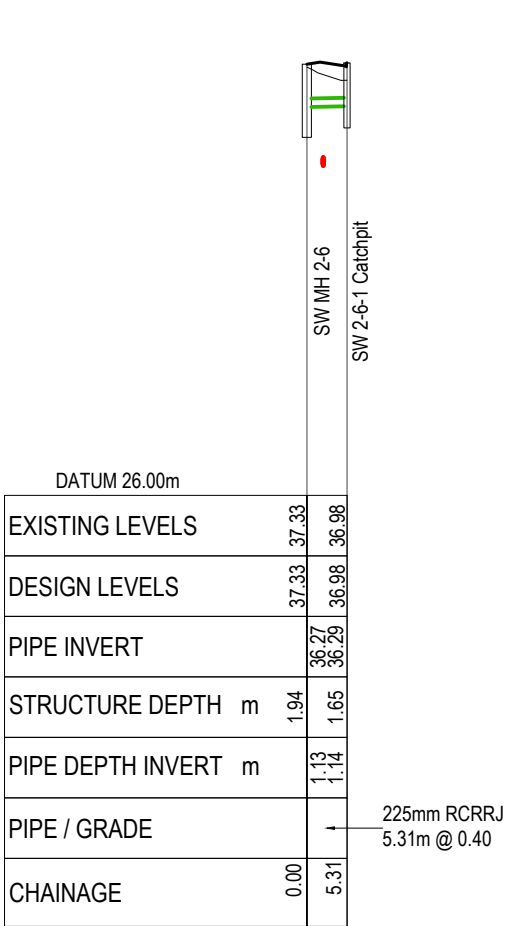
PV - SW Line 2-7-1 Scruffy Dome
SCALE: HORI 1:1000 VERT 1:200



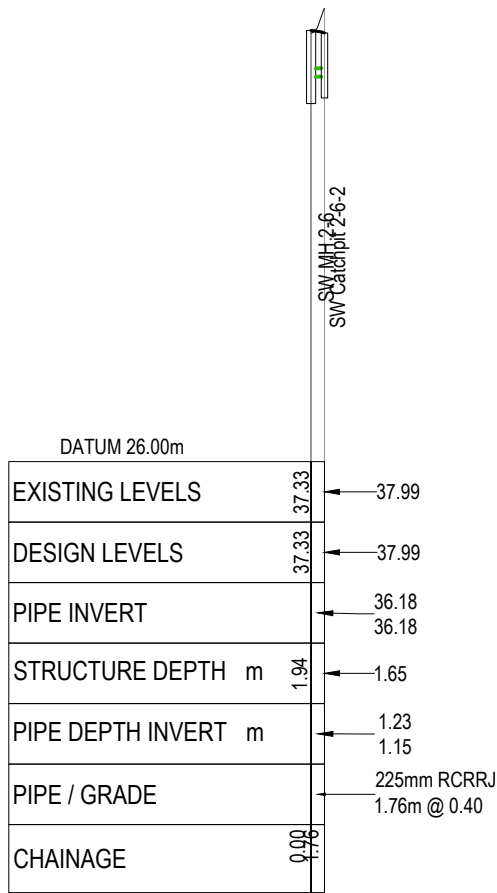
PV - SW Line 2-7-2 Scruffy Dome
SCALE: HORI 1:1000 VERT 1:200



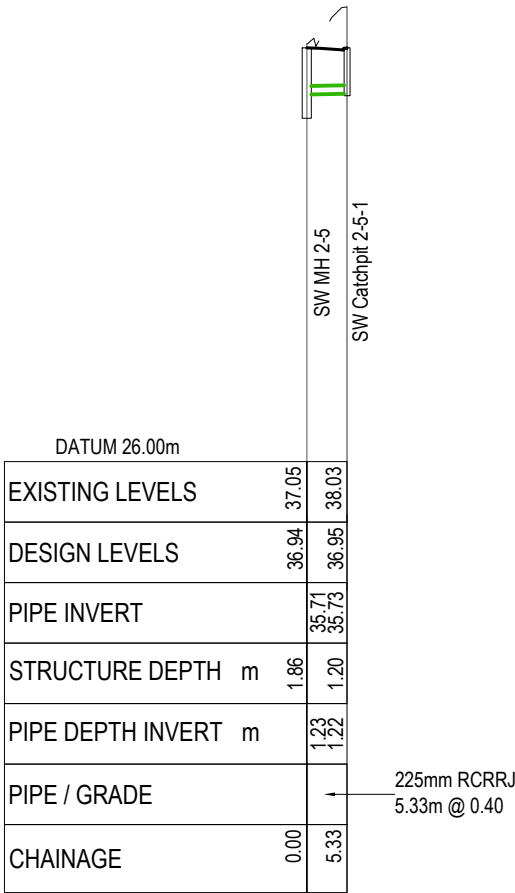
SW CATCH PIT 2-5-1
SCALE: HORI 1:1000 VERT 1:200



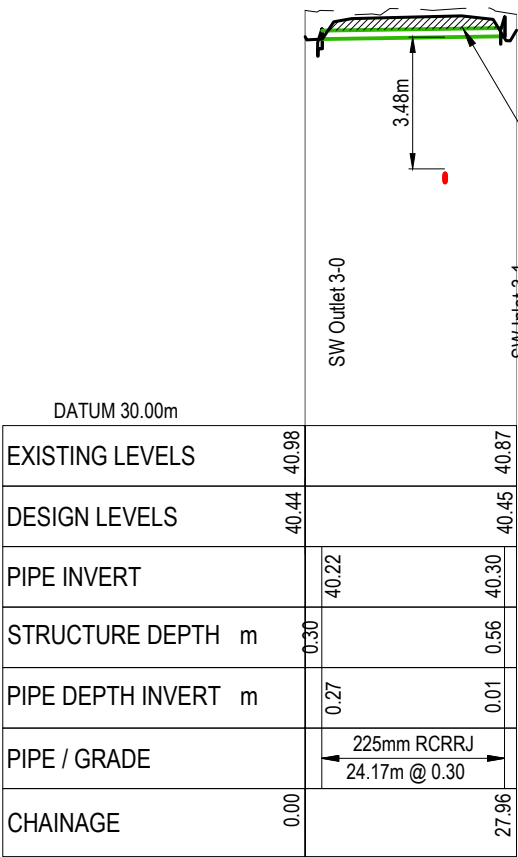
SW CATCH PIT 2-6-1
SCALE: HORI 1:1000 VERT 1:200



SW CATCH PIT 2-6-2
SCALE: HORI 1:1000 VERT 1:200



PV - SW Line 2-5-1 Catchpit
SCALE: HORI 1:1000 VERT 1:200



PV - SW Inlet 3-1 to Outlet 3-0
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 4. PIPE BEDDING: 0 - 10 GRANULAR BEDDING, 10 - 20 WEAK CONCRETE BEDDING, GREATER THAN 20 WEAK CONCRETE BEDDING 7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS.
 5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
 6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
 7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
 8. ALL MANHOLES ARE TO BE 1050MM PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
 9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M.
 10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
 11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

- LEGEND
- EX GROUND LEVEL
 - PR GROUND LEVEL
 - HARDFILL BACKFILL
 - LOT CONNECTION
 - 0 0 CROSSING PIPE

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	MJRA		06/2026
Drawn	MJRA		06/2026
Checked	SM		09/2026

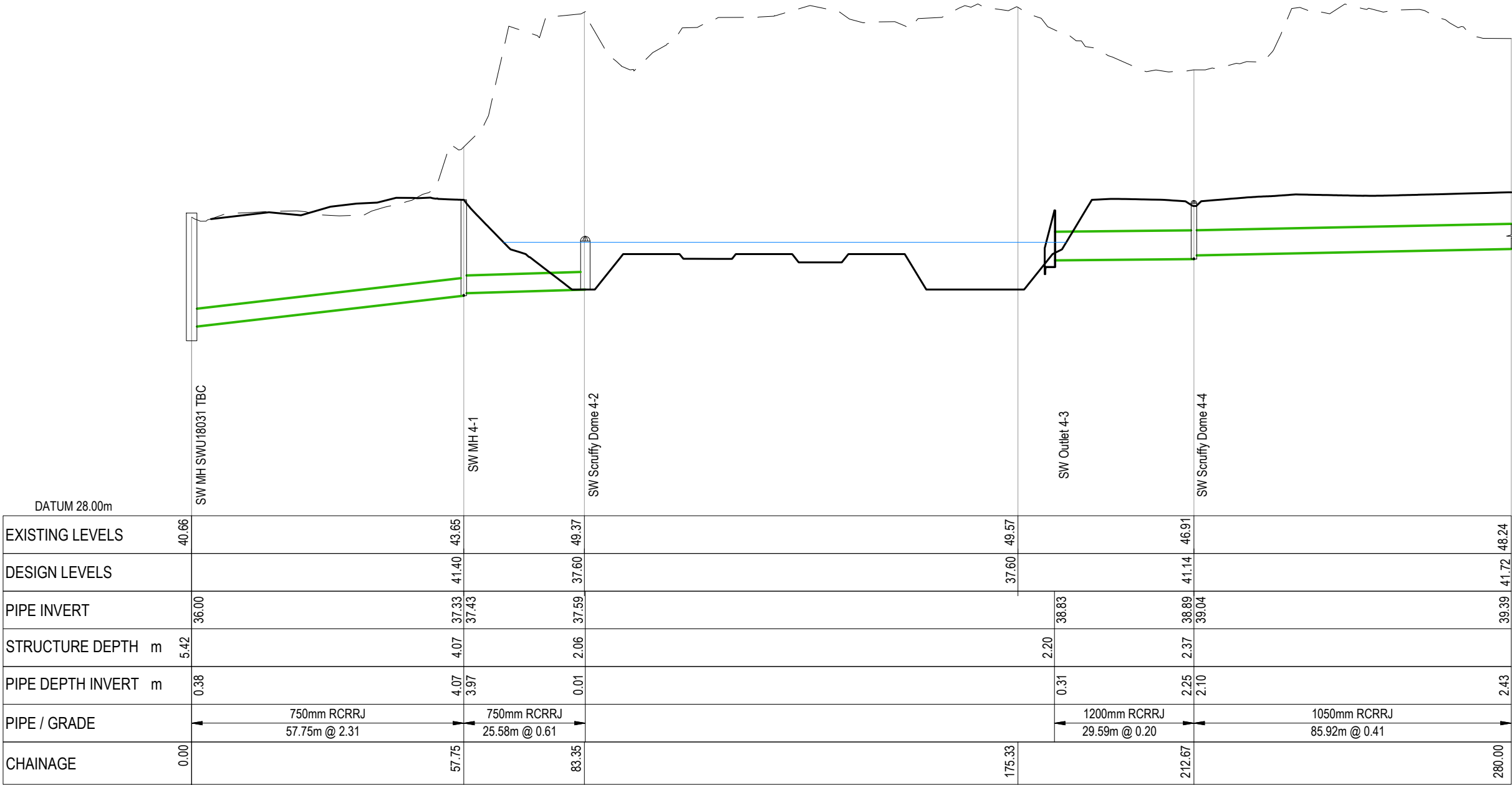


Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-11-C420 SW LONGSECTIONS.DWG
Drawing no.	I1-C420-2
Rev	A

DATE: 9/0/26 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARE\CURRENT\MAVEN\HAMILTON\6 PROJECTS\298002-IND\SL1\11-IND\298002-IND-C420 SW LONGSECTIONS.DWG



PV - SW Line 4 1 of 4
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 4. PIPE BEDDING: 0 - 10 GRANULAR BEDDING, 10 - 20 WEAK CONCRETE BEDDING, GREATER THAN 20 WEAK CONCRETE BEDDING 7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS.
 5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
 6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
 7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
 8. ALL MANHOLES ARE TO BE 1050MM PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
 9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M.
 10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
 11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

- LEGEND
- EX GROUND LEVEL
 - PR GROUND LEVEL
 - HARDFILL BACKFILL
 - LOT CONNECTION
 - CROSSING PIPE

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	MJRA	06/2026	
Drawn	MJRA	06/2026	
Checked	SM	09/2026	

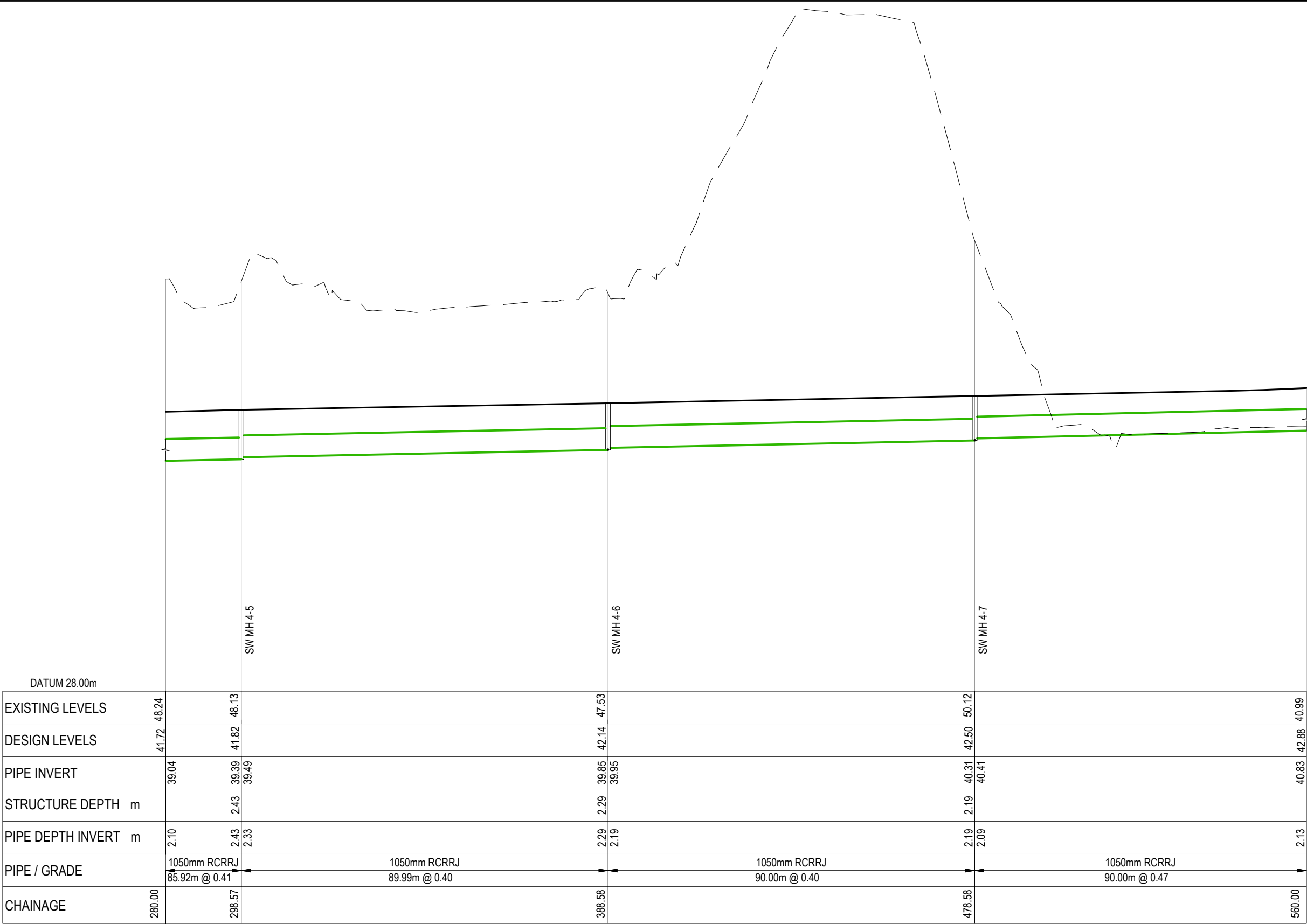


Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C420 SW LONGSECTIONS.DWG		
Drawing no.	I1-C420-3	Rev	A

DATE: 9/2/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARE\CURRENT\MAVEN_HAMILTON\ PROJECT\298002-IND SL1\11-IND\298002-IND-C420 SW LONGSECTIONS.DWG



PV - SW Line 4 2 of 4
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 4. PIPE BEDDING: 0 - 10 GRANULAR BEDDING, 10 - 20 WEAK CONCRETE BEDDING, GREATER THAN 20 WEAK CONCRETE BEDDING 7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS.
 5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
 6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
 7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
 8. ALL MANHOLES ARE TO BE 1050MM PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
 9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M.
 10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
 11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

- LEGEND
- EX GROUND LEVEL
 - PR GROUND LEVEL
 - HARDFILL BACKFILL
 - LOT CONNECTION
 - CROSSING PIPE

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	MJRA	06/2026	
Drawn	MJRA	06/2026	
Checked	SM	09/2026	



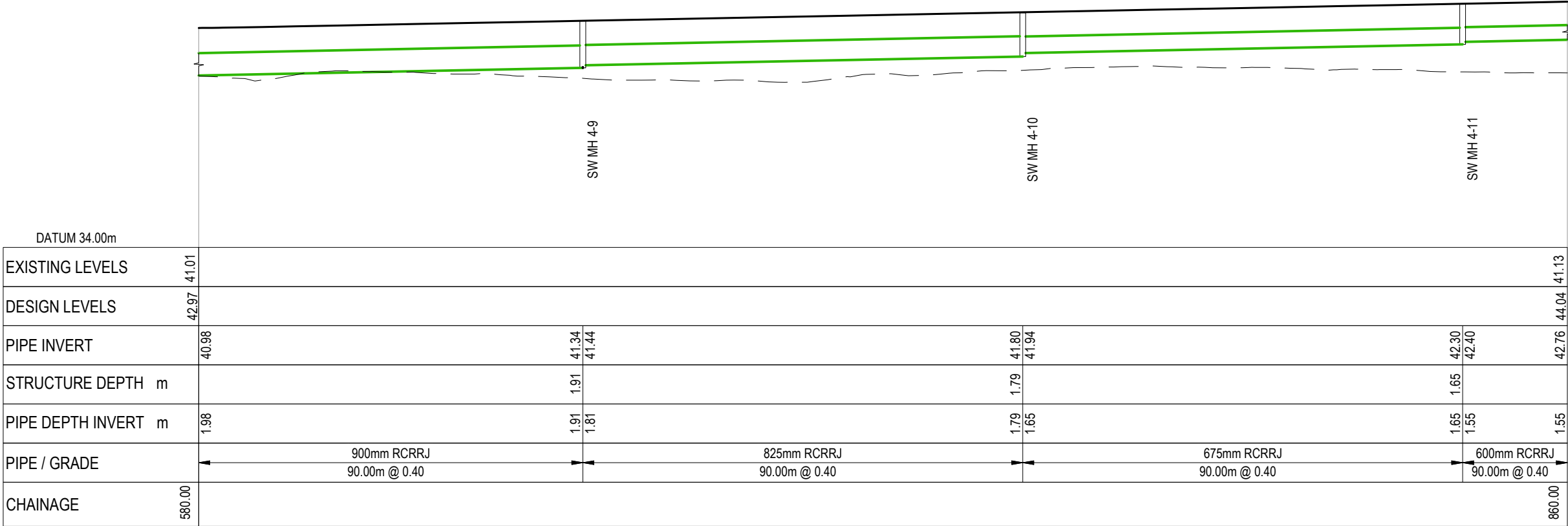
Maven Waikato
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Level 1 286 Victoria Street, Hamilton
New Zealand

Project

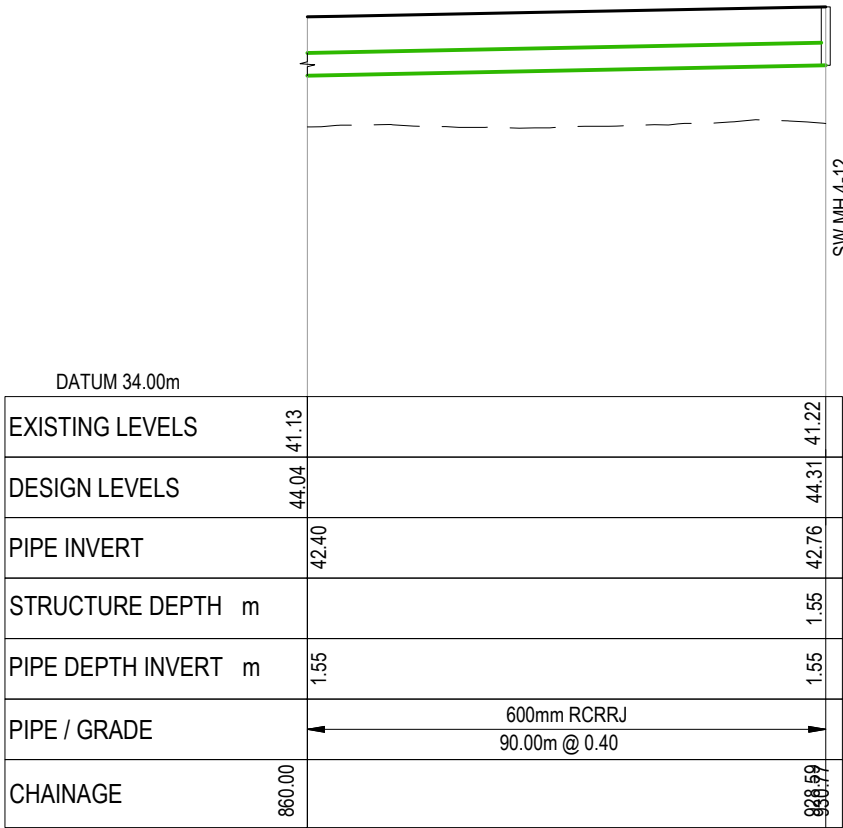
SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM

Title			
PROPOSED STORMWATER LONG SECTIONS			
Project no.	298002-IND SL1		
Scale	1:1000 @ A3		
Cad file	298002-11-C420 SW LONGSECTIONS.DWG		
Drawing no.	I1-C420-4	Rev	A

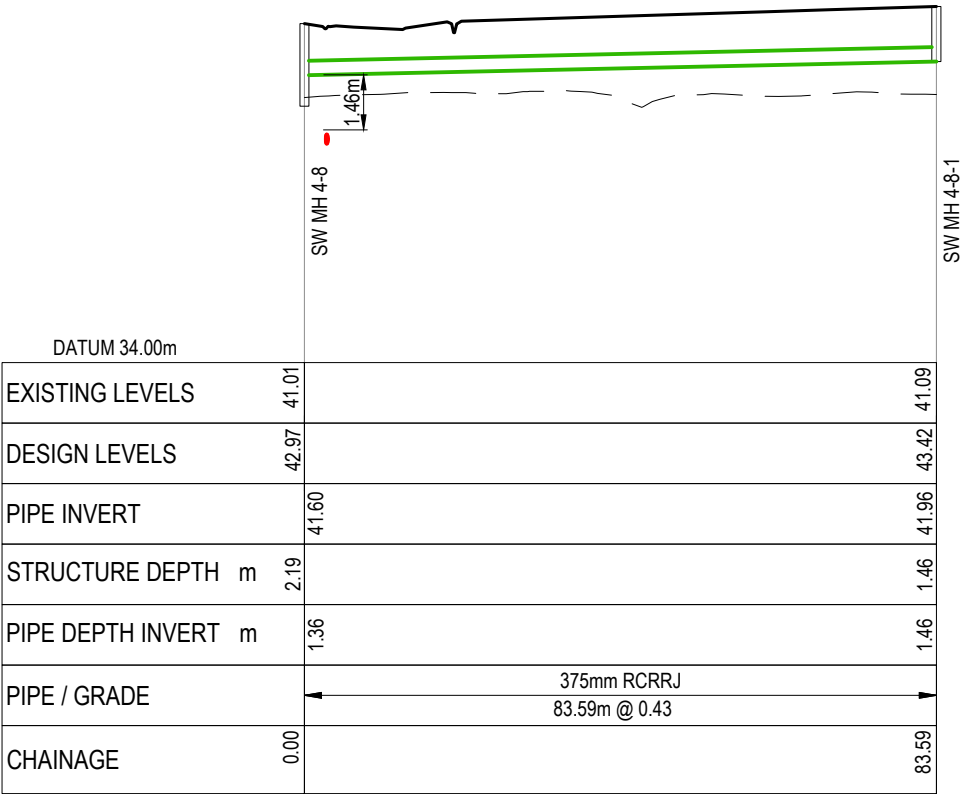
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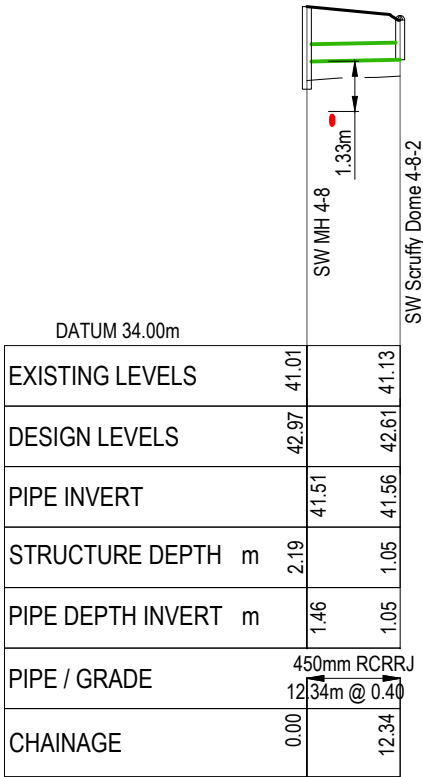
PV - SW Line 4 3 of 4
SCALE: HORI 1:1000 VERT 1:200



PV - SW Line 4 4 of 4
SCALE: HORI 1:1000 VERT 1:200



PV - SW Line 1-8-1
SCALE: HORI 1:1000 VERT 1:200



PV - SW Line 4-8-2 Scruffy Dome
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 4. PIPE BEDDING: 0 - 10 GRANULAR BEDDING, 10 - 20 WEAK CONCRETE BEDDING, GREATER THAN 20 WEAK CONCRETE BEDDING 7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS.
 5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
 6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
 7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
 8. ALL MANHOLES ARE TO BE 1050MM PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
 9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M.
 10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
 11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

LEGEND

--- EX GROUND LEVEL
--- PR GROUND LEVEL
[Hatched Box] HARDFILL BACKFILL
[Green Arrow] LOT CONNECTION
[Red 0] CROSSING PIPE

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	MJRA		06/2026
Drawn	MJRA		06/2026
Checked	SM		09/2026

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Project
SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM

Title
PROPOSED
STORMWATER
LONG SECTIONS

Project no.	298002-IND SL1
Scale	1:1000 @ A3
Cad file	298002-11-C420 SW LONGSECTIONS.DWG
Drawing no.	I1-C420-5
Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
 4. ALL CONCRETE SW PIPE TO BE INSTALLED IN ACCORDANCE WITH AS/NZS 3725:2007 FOR BURIED CONCRETE PIPES AND AS/NZ 4058:2007 FOR PRECAST CONCRETE PIPES. PRESSURE AND NON-PRESSURE AS STIPULATED IN THE RITS 2018.
 5. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL STORMWATER LINES WITHIN THE ROAD RESERVE.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
 7. ALL CESSPIT LEADS SHALL HAVE MIN COVER 0.9M.
 8. ALL LINES ARE TO BE CLASS4 RCRRJ UNLESS SHOWN OTHERWISE.
 9. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.

Legend

- EX BOUNDARY
- PR STORMWATER
- PROP WETLAND

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
		MAVEN	05/2025
Survey	MKS		06/2026
Design	MKS		06/2026
Drawn	SM		09/2026
Checked			

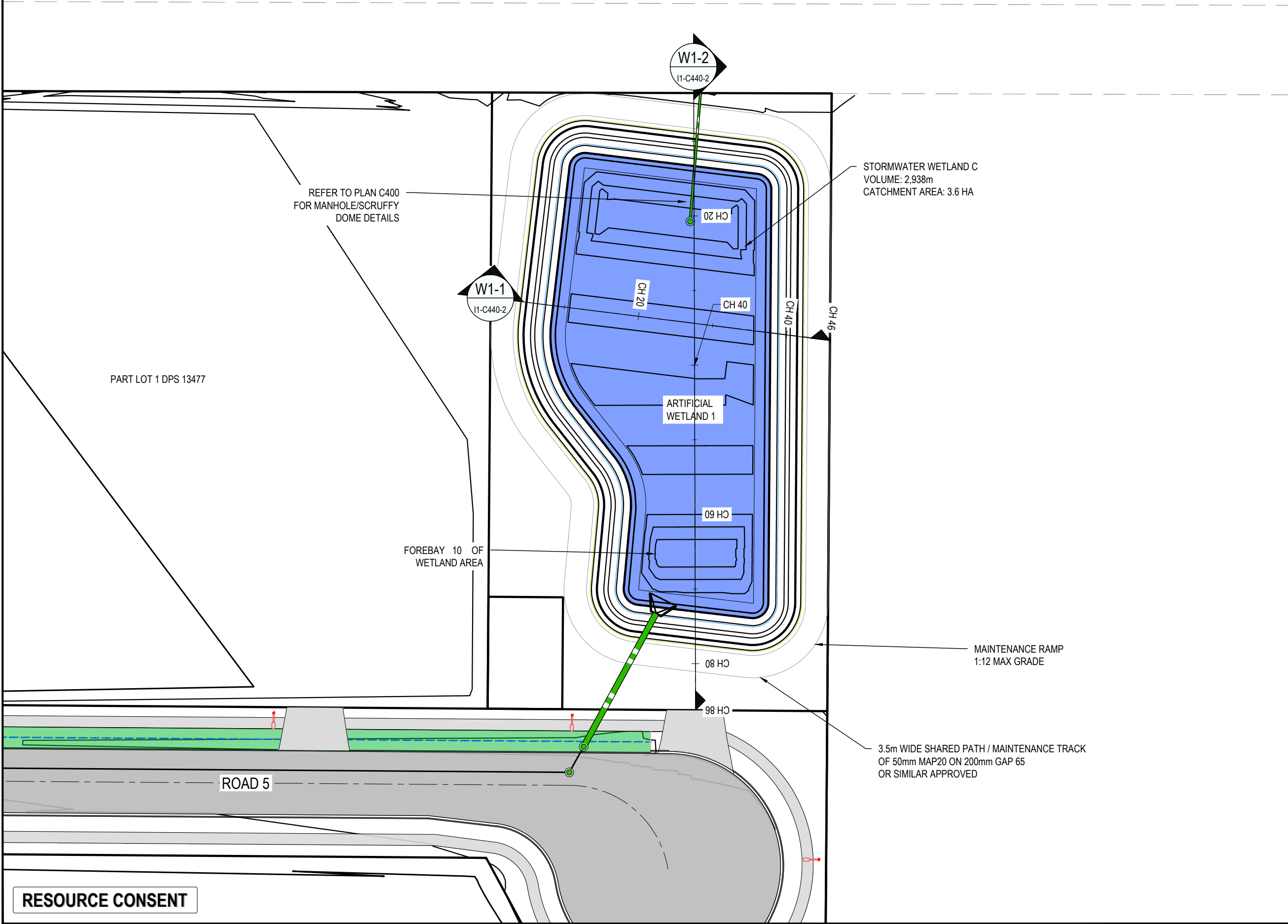
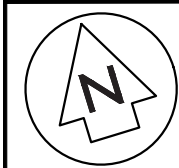
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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
SW WETLAND
OVERVIEW PLAN**

Project no.	298002		
Scale	1:5000 @ A3		
Cad file	298002-11-C440 SW WETLAND.DWG		
Drawing no.	I1-C440	Rev	A

RESOURCE CONSENT



- Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
 2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
 3. Levels in terms of the New Zealand Vertical Datum 2016.
 4. It is the contractors responsibility to locate all services that may be affected by his operations.
 5. Approved hardfill is to be used in backfilling of all stormwater lines within the road reserve.
 6. All catchpit leads shall be laid at 1° unless otherwise specified.
 7. All lines to be abandoned shall be sealed at each end. Timing of all sealing to be coordinated with council staff.

Legend	
	EX BOUNDARY
	PR STORMWATER
	PROP WETLAND

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	MKS	06/2026	
Drawn	MKS	06/2026	
Checked	SM	09/2026	



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Project

**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

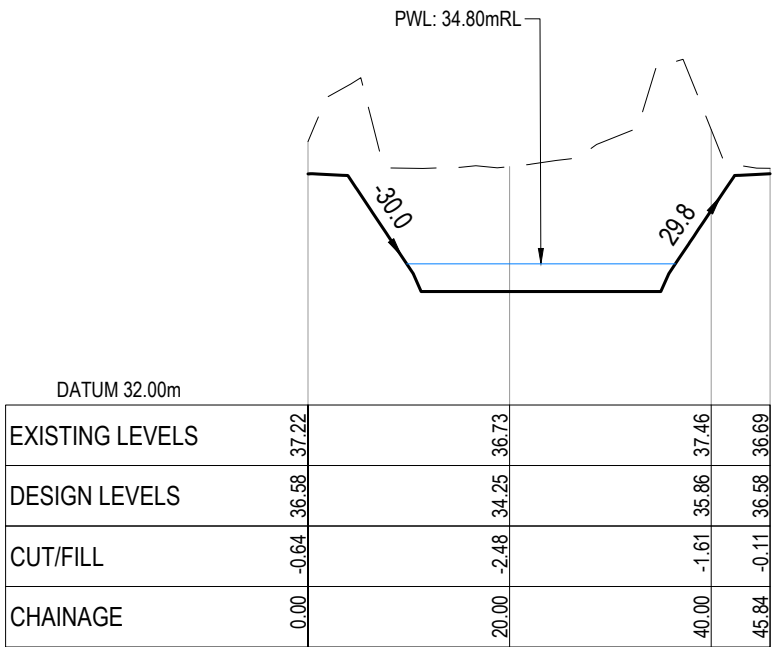
Title

**PROPOSED
SW WETLAND 1
PLAN**

Project no.	298002		
Scale	1:500 @ A3		
Cad file	298002-I1-C440 SW WETLAND.DWG		
Drawing no.	I1-C440-1	Rev	A

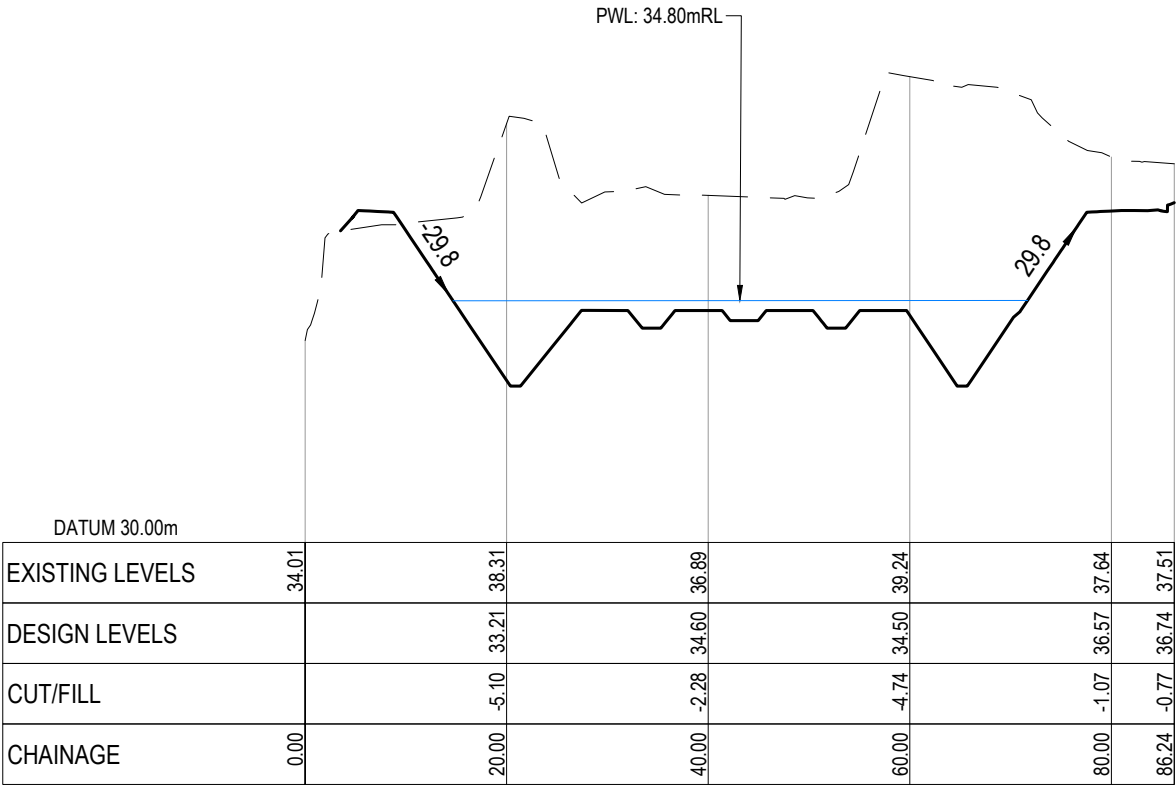
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RESOURCE CONSENT



WETLAND 1-1
SCALE: HORI 1:750 VERT 1:150

Legend
— EX GROUND LEVEL
— PROP GROUND LEVEL

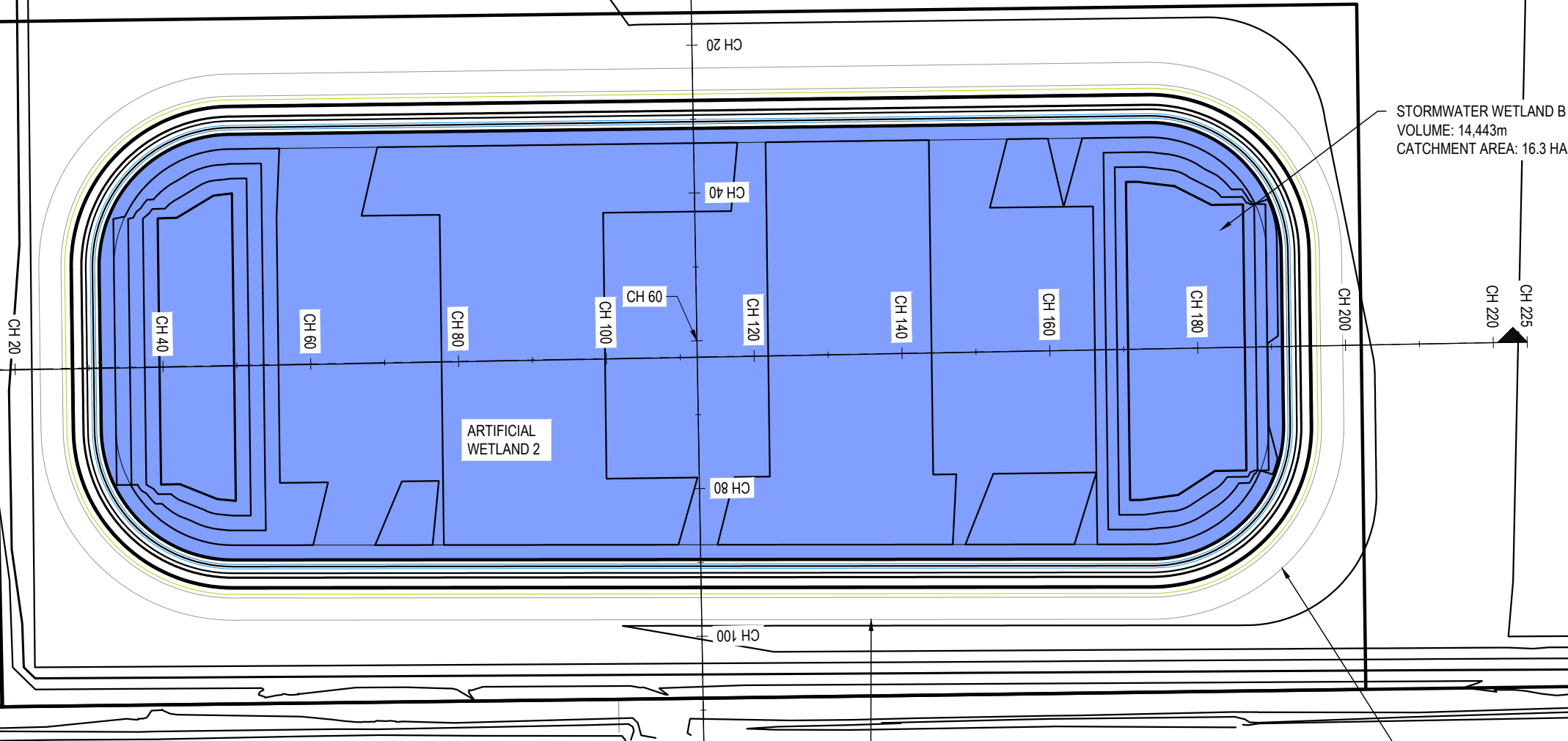


WETLAND 1-2
SCALE: HORI 1:750 VERT 1:150

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	MKS	06/2026	
Drawn	MKS	06/2026	
Checked	SM	09/2026	
M MAVEN Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz Level 1 286 Victoria Street, Hamilton New Zealand			
Project SOUTHERN LINKS 1 INDUSTRIAL STAGE 1 HAMILTON, WAIKATO FOR SL1 NORTHERN CONSORTIUM			
Title PROPOSED SW WETLAND 1 DETAILS			
Project no.	298002		
Scale	AS SHOWN		
Cad file	298002-I1-C440 SW WETLAND.DWG		
Drawing no.	I1-C440-2	Rev	A



LOT 1 DPS 51437



- Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
 2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
 3. Levels in terms of the New Zealand Vertical Datum 2016.
 4. It is the contractors responsibility to locate all services that may be affected by his operations.
 5. Approved hardfill is to be used in backfilling of all stormwater lines within the road reserve.
 6. All catchpit leads shall be laid at 1 unless otherwise specified.
 7. All lines to be abandoned shall be sealed at each end. Timing of all sealing to be coordinated with council staff.

Legend

- EX BOUNDARY
- PR STORMWATER
- PROP WETLAND

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
	Survey	MAVEN	05/2025
	Design	MKS	06/2026
	Drawn	MKS	06/2026
	Checked	SM	09/2026



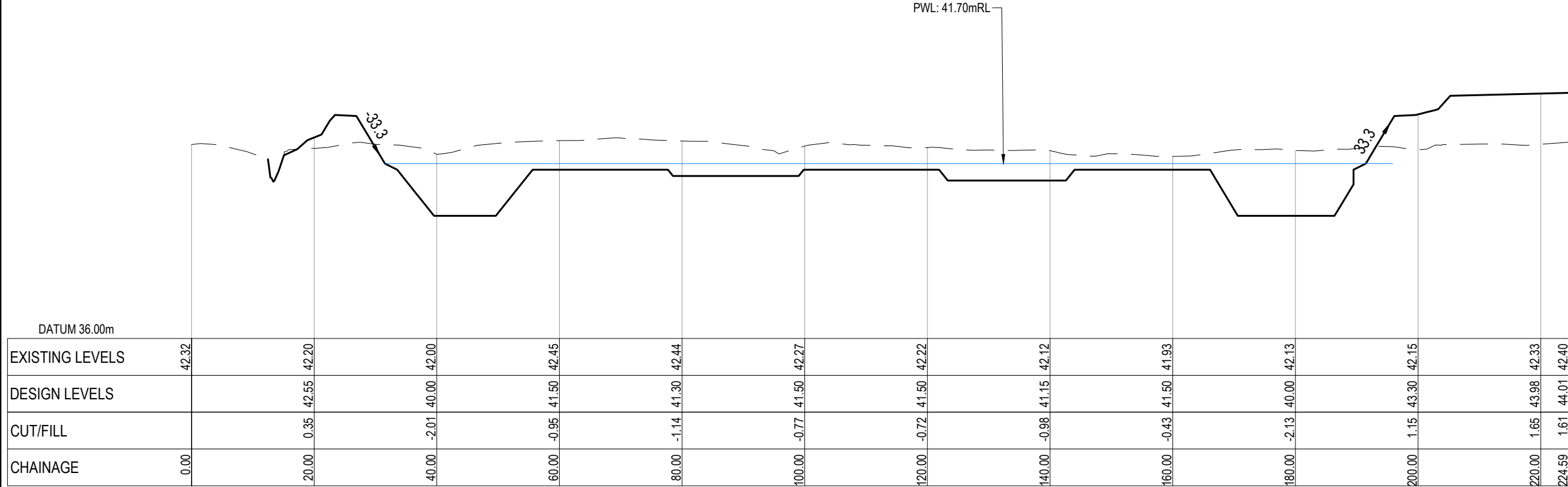
Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
SW WETLAND 2
PLAN**

Project no.	298002
Scale	1:750 @ A3
Cad file	298002-I1-C440 SW WETLAND.DWG
Drawing no.	I1-C440-3
Rev	A

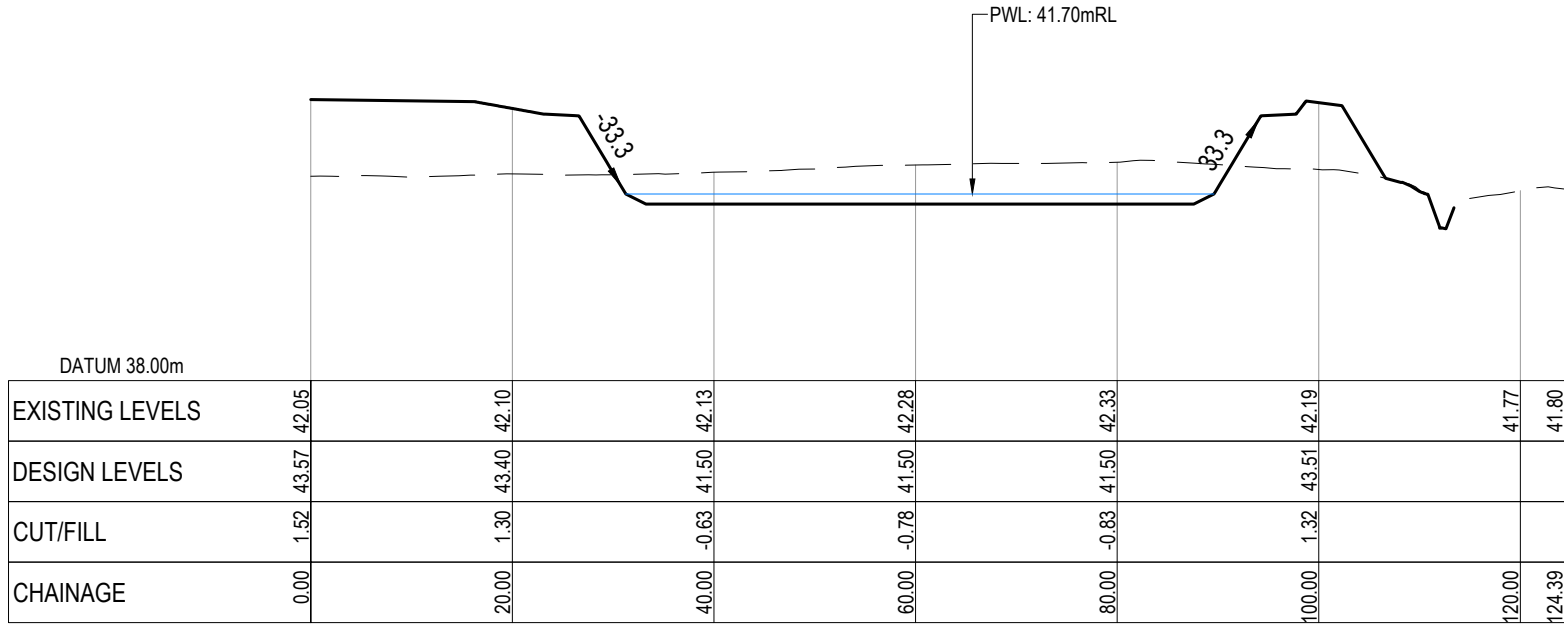
RESOURCE CONSENT

DATE: 9/26 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARE\CURRENT\MAVEN - HAMILTON\ PROJECTS\298002 - SL\LISTS\11\DWG\298002-H-C440 SW WETLAND.DWG



WETLAND 2-1
SCALE: HORI 1:750 VERT 1:150

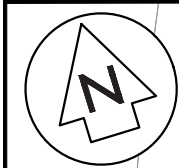
Legend
— EX GROUND LEVEL
— PROP GROUND LEVEL



WETLAND 2-2
SCALE: HORI 1:750 VERT 1:150

RESOURCE CONSENT

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	MKS	06/2026	
Drawn	MKS	06/2026	
Checked	SM	09/2026	
M A E N Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz Level 1 286 Victoria Street, Hamilton New Zealand			
Project			
SOUTHERN LINKS 1			
INDUSTRIAL STAGE 1			
HAMILTON, WAIKATO			
FOR SL1			
NORTHERN CONSORTIUM			
Title			
PROPOSED			
SW WETLAND 2			
DETAILS			
Project no.	298002		
Scale	AS SHOWN		
Cad file	298002-11-C440 SW WETLAND.DWG		
Drawing no.	I1-C440-4	Rev	A



STORMWATER WETLAND A
VOLUME: 18,391m
CATCHMENT AREA: 20.8 HA

FOREBAY 10 OF
WETLAND AREA

ARTIFICIAL
WETLAND 3

RAILWAY

REFER TO PLAN C400
FOR MANHOLE/SCRUFFY
DOME DETAILS

MAINTENANCE RAMP
1:12 MAX GRADE

3.5m WIDE SHARED PATH / MAINTENANCE TRACK
OF 50mm MAP20 ON 200mm GAP 65
OR SIMILAR APPROVED

ROAD 4

RESOURCE CONSENT

- Notes
1. All works to be in accordance with Waikato Regional Infrastructure Technical Specifications.
 2. Co-ordinates in terms of NZ Geodetic Datum Mount Eden 2000.
 3. Levels in terms of the New Zealand Vertical Datum 2016.
 4. It is the contractors responsibility to locate all services that may be affected by his operations.
 5. Approved hardfill is to be used in backfilling of all stormwater lines within the road reserve.
 6. All catchpit leads shall be laid at 1 unless otherwise specified.
 7. All lines to be abandoned shall be sealed at each end. Timing of all sealing to be coordinated with council staff.

Legend

- EX BOUNDARY
- PR STORMWATER
- PROP WETLAND

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2025
Design	MKS		06/2026
Drawn	MKS		06/2026
Checked	SM		09/2026

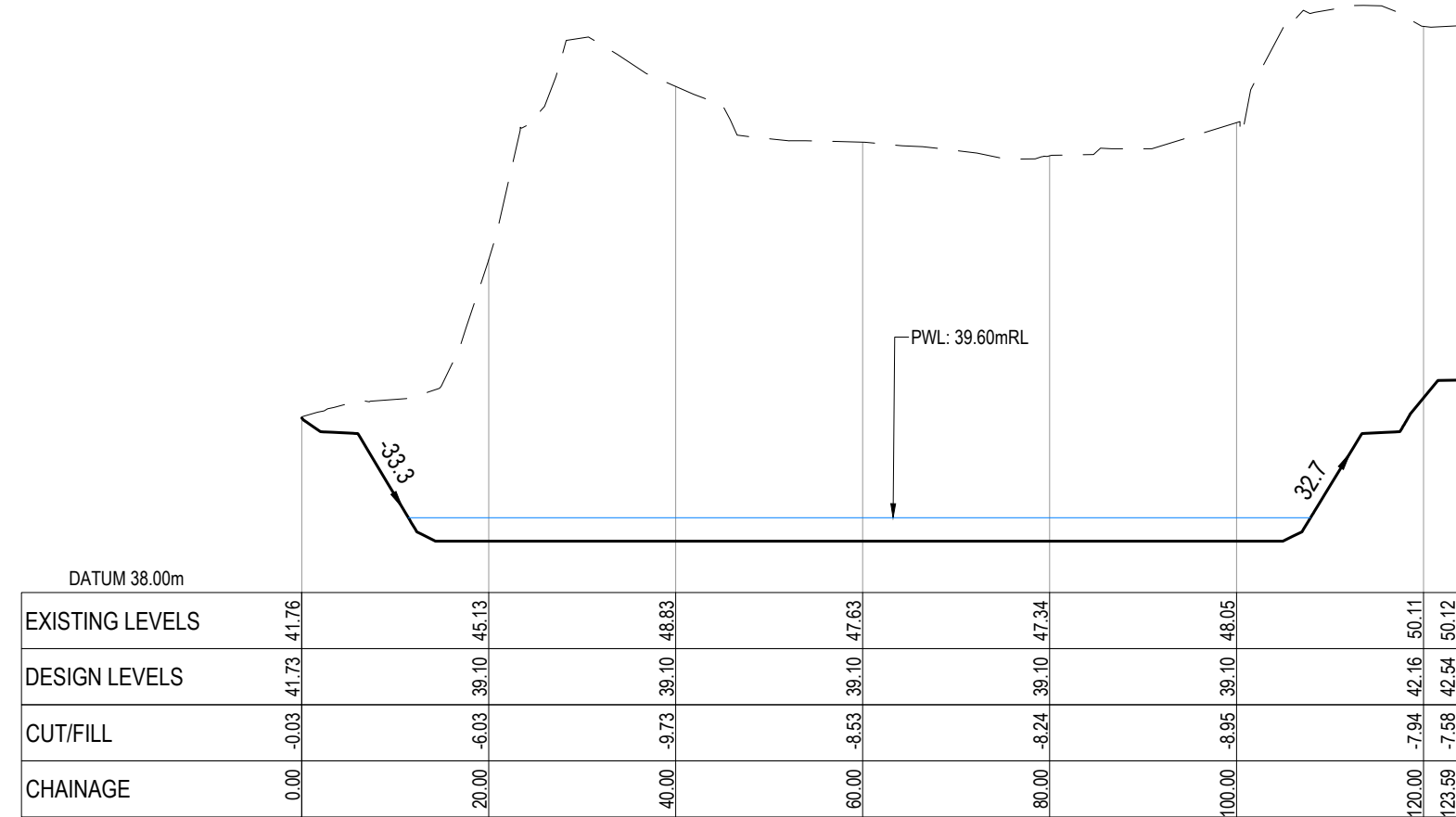


Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

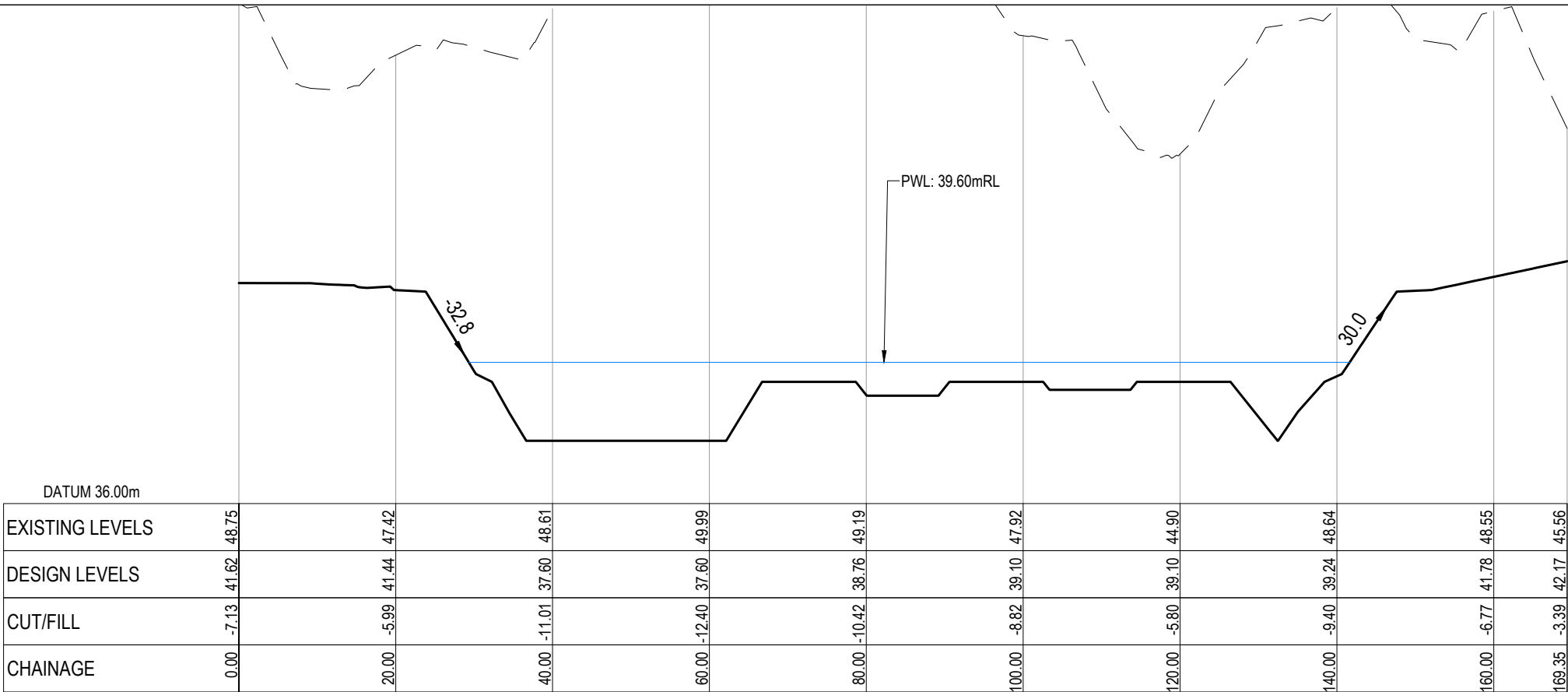
Title
**PROPOSED
SW WETLAND 3
PLAN**

Project no.	298002
Scale	1:1000 @ A3
Cad file	298002-I1-C440 SW WETLAND.DWG
Drawing no.	I1-C440-5
Rev	A

DATE: 9/2/26 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CD\NSHARE\CURRENT\MAVEN\HAMILTON\ PROJECTS\298002 - SL\1\13\11\DWG\298002-I1-C440 SW WETLAND.DWG



Legend
— EX GROUND LEVEL
— PROP GROUND LEVEL



A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2025	
Design	MKS	06/2026	
Drawn	MKS	06/2026	
Checked	SM	09/2026	

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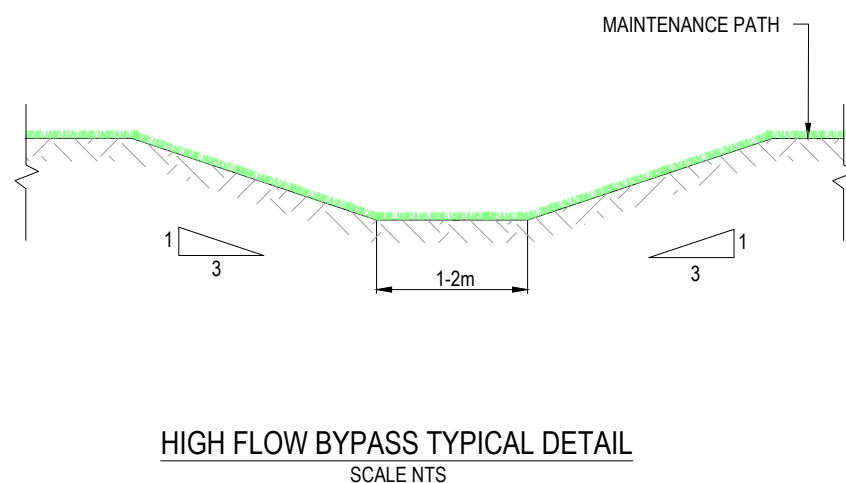
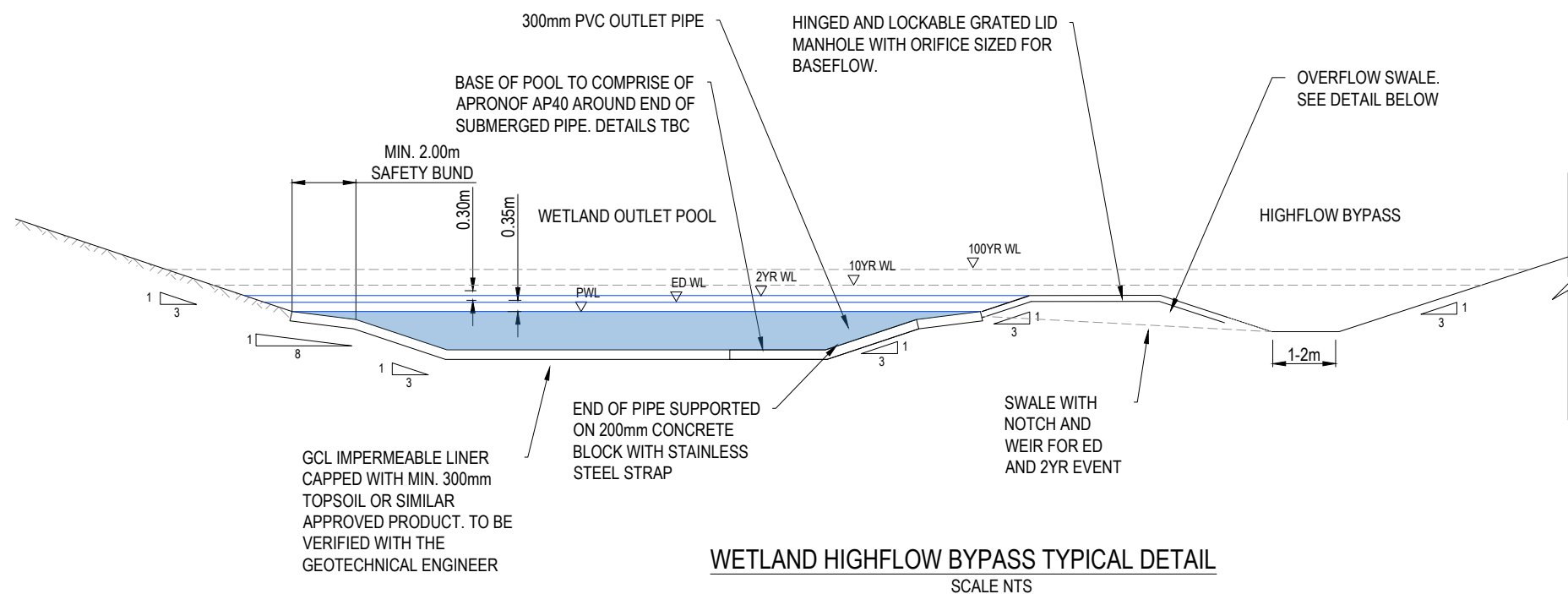
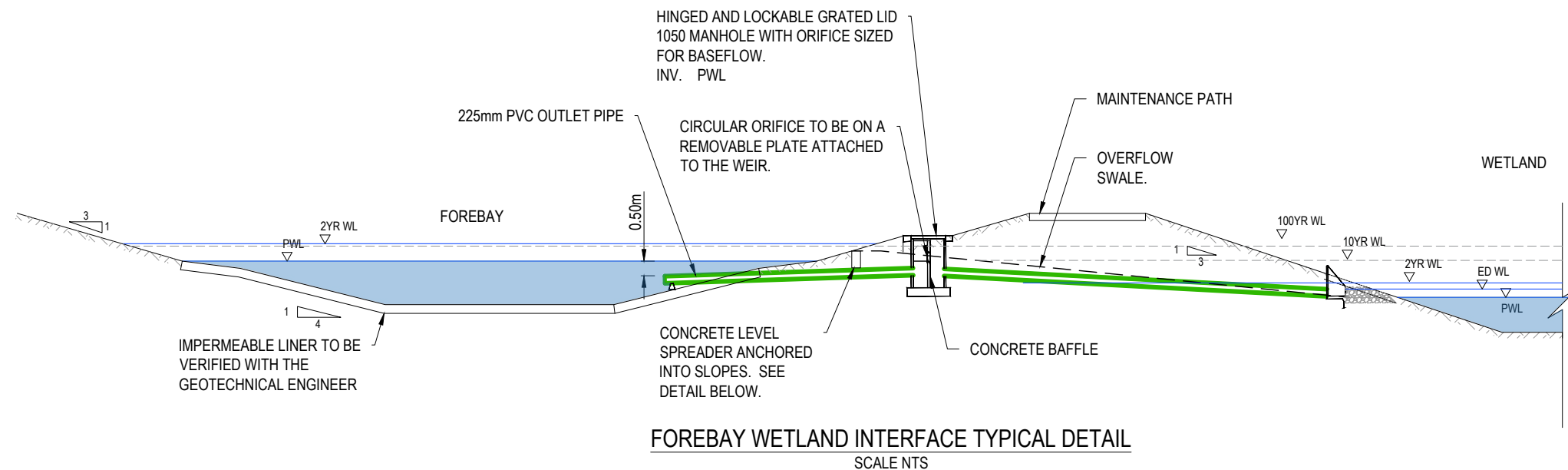
New Zealand

Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
SW WETLAND 3
DETAILS**

Project no.	298002		
Scale	AS SHOWN		
Cad file	298002-I1-C440 SW WETLAND.DWG		
Drawing no.	I1-C440-6	Rev	A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
 4. ALL CONCRETE SW PIPE TO BE INSTALLED IN ACCORDANCE WITH AS/NZS 3725:2007 FOR BURIED CONCRETE PIPES AND AS/NZ 4058:2007 FOR PRECAST CONCRETE PIPES. PRESSURE AND NON-PRESSURE AS STIPULATED IN THE RITS 2018
 5. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL STORMWATER LINES WITHIN THE ROAD RESERVE.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
 7. ALL CESSPIT LEADS SHALL HAVE MIN COVER 0.9M.
 8. ALL LINES ARE TO BE CLASS4 RCRRJ UNLESS SHOWN OTHERWISE.
 9. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	NK		10/2025
Drawn	NK		10/2025
Checked	SM		09/2026

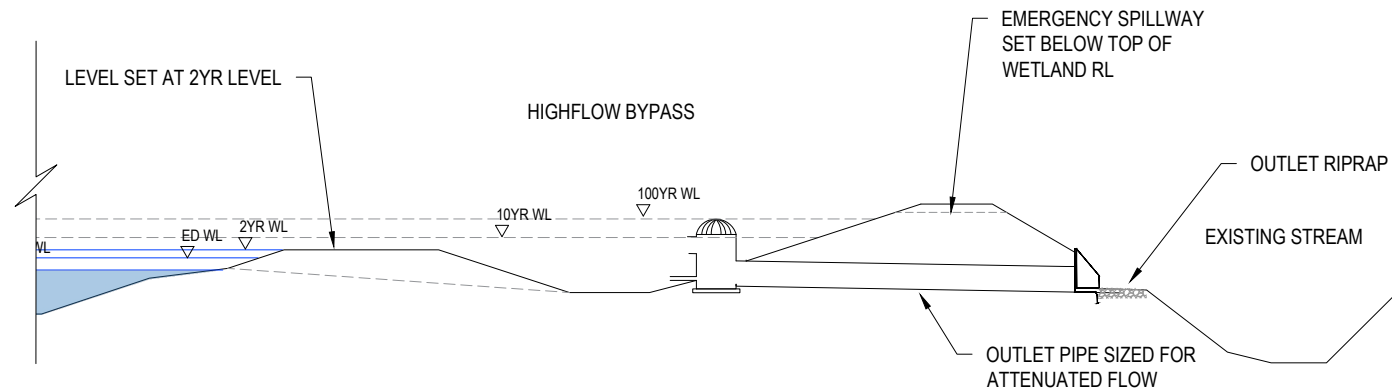


Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

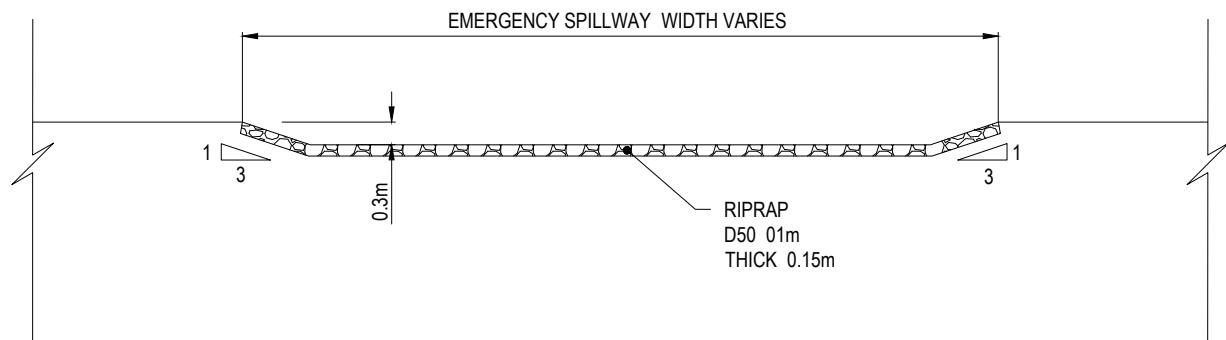
Title
**PROPOSED
WETLAND
DETAILS**

Project no.	298001-R1 SL1
Scale	AS SHOWN @ A3
Cad file	298002-11-C442 SW WETLAND DETAILS.DWG
Drawing no.	C442-1
Rev	A

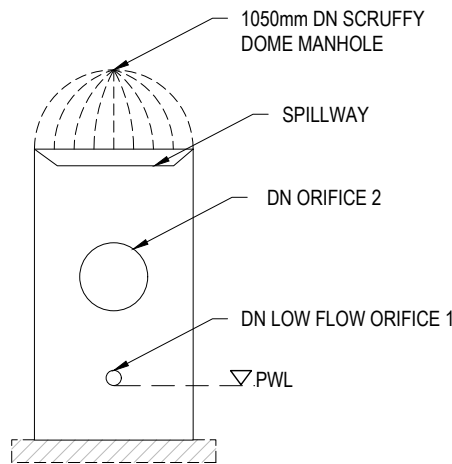
RESOURCE CONSENT



WETLAND OUTLET SECTION DETAILS
SCALE NTS



MERGENCY SPILLWAY SECTION DETAILS
SCALE 1:100



OUTLET MANHOLE TYPICAL DETAIL
SCALE 1:100

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
 4. ALL CONCRETE SW PIPE TO BE INSTALLED IN ACCORDANCE WITH AS/NZS 3725:2007 FOR BURIED CONCRETE PIPES AND AS/NZ 4058:2007 FOR PRECAST CONCRETE PIPES. PRESSURE AND NON-PRESSURE AS STIPULATED IN THE RITS 2018
 5. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL STORMWATER LINES WITHIN THE ROAD RESERVE.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
 7. ALL CESSPIT LEADS SHALL HAVE MIN COVER 0.9M.
 8. ALL LINES ARE TO BE CLASS4 RCRRJ UNLESS SHOWN OTHERWISE.
 9. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	NK	10/2025	
Drawn	NK	10/2025	
Checked	SM	09/2026	



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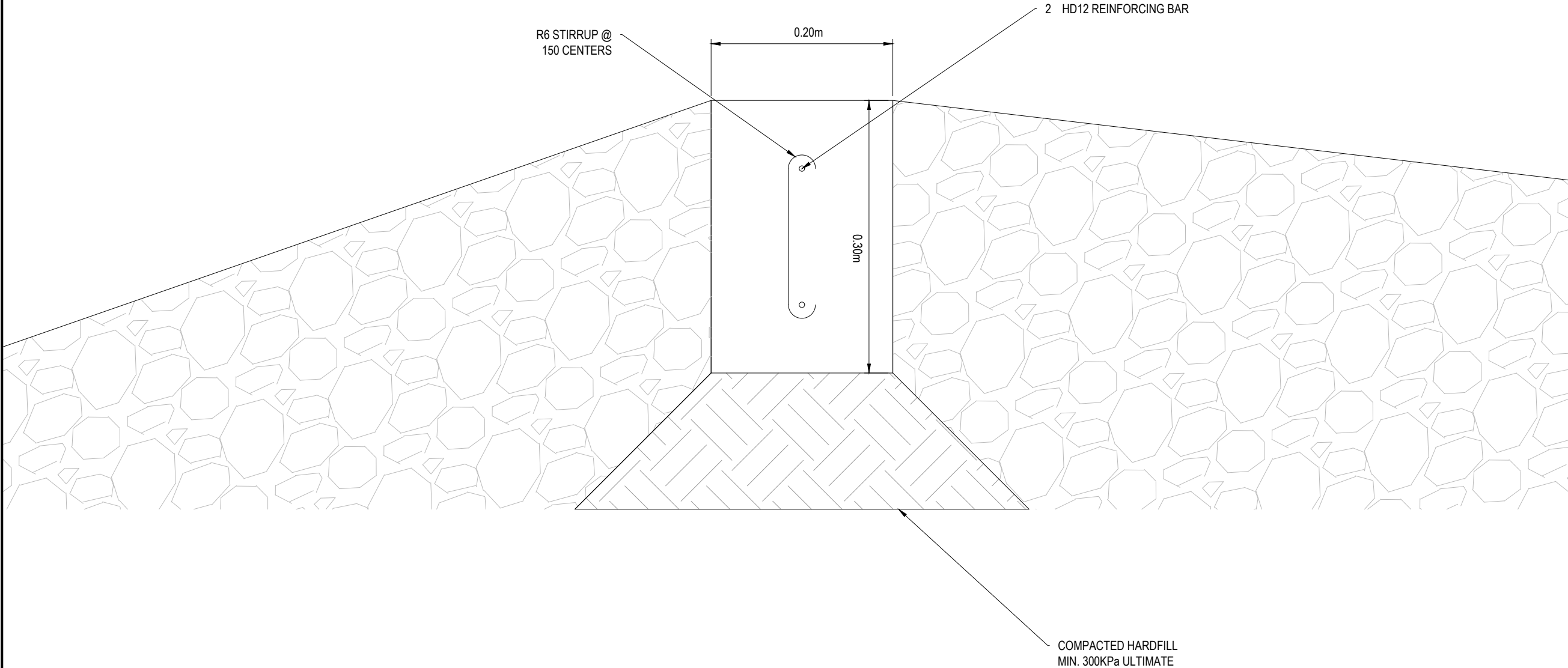
Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
WETLAND
DETAILS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN @ A3		
Cad file	298002-11-C442 SW WETLAND DETAILS.DWG		
Drawing no.	C442-2	Rev	A

RESOURCE CONSENT

DATE: 8/31/26 FILEPATH: F:\MAVEN\HAMILTON\6. PROJECTS\298002 - SL1\STG1\10\W298002-11-C442 SW WETLAND DETAILS.DWG



TYPICAL DETAIL CONCRETE BEAM LEVEL SPREADER
SCALE 1:5

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
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 5. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL STORMWATER LINES WITHIN THE ROAD RESERVE.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
 7. ALL CESSPIT LEADS SHALL HAVE MIN COVER 0.9M.
 8. ALL LINES ARE TO BE CLASS4 RCRRJ UNLESS SHOWN OTHERWISE.
 9. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.

A	FAST TRACK APP	MKS	09/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	NK		10/2025
Drawn	NK		10/2025
Checked	SM		09/2026

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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
WETLAND
DETAILS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN @ A3		
Cad file	298002-11-C442 SW WETLAND DETAILS.DWG		
Drawing no.	C442-3	Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M. BOUNDARIES ARE SUBJECT TO FINAL SURVEY
 4. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
 5. THE CONTRACTORS SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 6. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEM TESTS ON SUBGRADE MATERIAL.
 7. SETOUT SCHEDULE WITH CO-ORDINATES OF CHAINAGE POINTS ALONG ROAD CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

- LEGEND
- EX BDY
 - PROP BDY
 - EX STORMWATER
 - PR STORMWATER
 - EX/PROP SWMH
 - PROP SWCP SINGLE
 - PROP SWCP DOUBLE
 - PR LOT CONNECTION
 - OVERLAND FLOW PATH

A	FAST TRACK APP	SM	09/2026
Rev	Description	By	Date
	Survey	MAVEN	05/2025
	Design	JPK	06/2026
	Drawn	JPK	06/2026
	Checked	SM	09/2026



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Project
**SOUTHERN LINKS 1
INDUSTRIAL STAGE 1
HAMILTON, WAIKATO
FOR SL1
NORTHERN CONSORTIUM**

Title
**PROPOSED
OVERLAND FLOW
PLAN**

Project no.	298002-IND SL 1		
Scale	1:5000 @ A3		
Cad file	298002-11-C460 SW OLFP.DWG		
Drawing no.	I1-C460	Rev	A

RESOURCE CONSENT