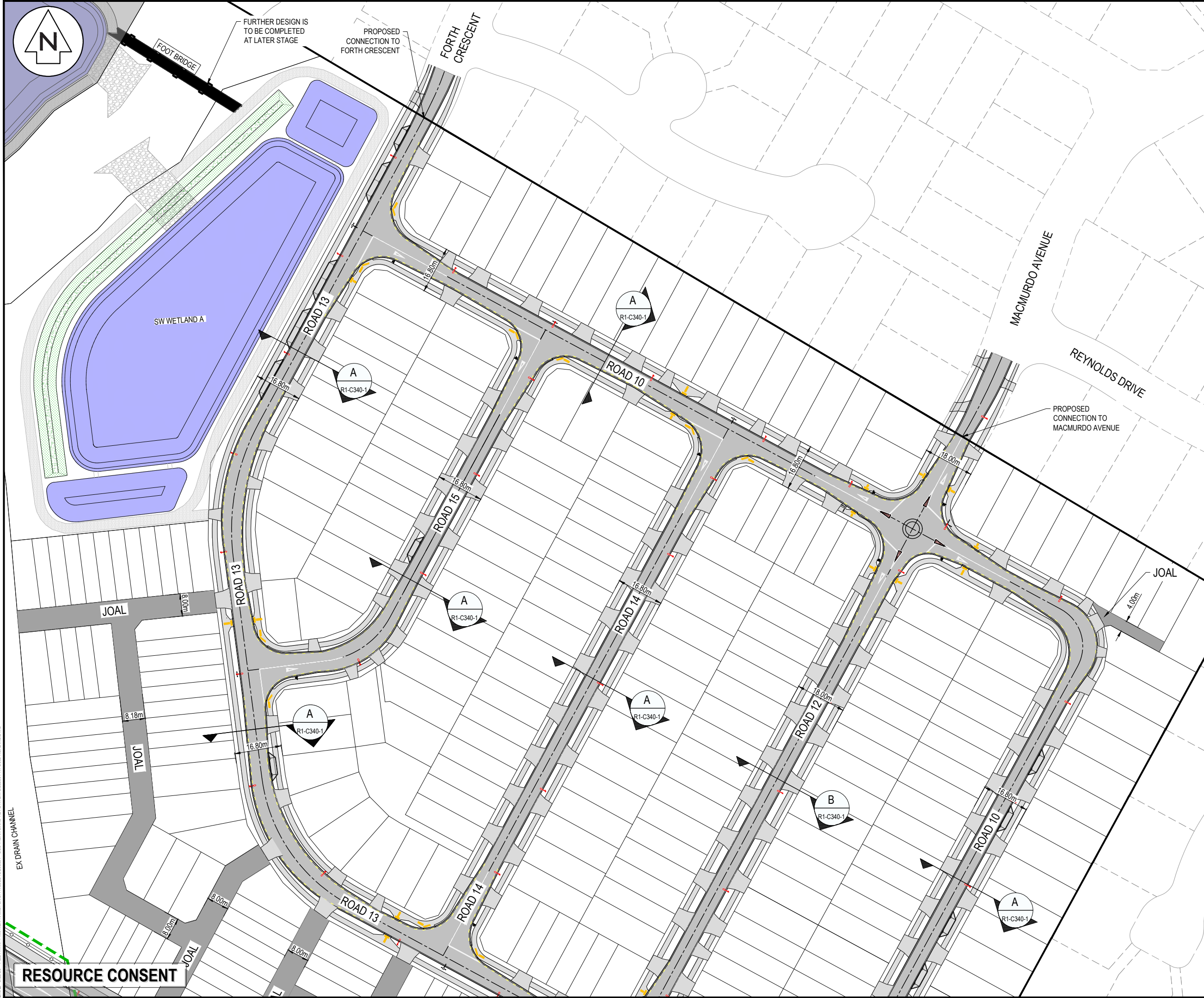




- | | | | |
|-------------|----------------------------|-----|----------|
| Project no. | 298001-R1 SL1 | | |
| Scale | 1:4000 @ A3 | | |
| Cad file | 298001-R1-C300 ROADING.DWG | | |
| Drawing no. | R1-C300 | Rev | A |



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. 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/BEAM 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.

LINE MARKING

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R

LEGEND

---	EX BDY
---	PROP BDY
---	SAFETY FENCING
---	AC PAVING
---	BRUSHED CONCRETE
---	EXPOSED CONCRETE
---	DISH CHANNEL
---	K&B AND CHANNEL
---	K&N
---	WHEEL STOP
---	PROP SWCP SINGLE
---	PROP STREET LIGHT
---	PROP STREET SIGN
---	ROAD NAME SIGN
---	TACTILE PAVERS
---	ALIGNMENT MARKER

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		02/2026
Checked	DJM		07/2025

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
SAXBY RD JV LIMITED**

Title

**PROPOSED
ROADING
PLAN**

Project no.	298001-R1 SL1		
Scale	1:1250 @ A3		
Cad file	298001-R1-C300 ROADING.DWG		
Drawing no.	R1-C300-1	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
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. 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/BEAM 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.

LINE MARKING		
CENTER LINE 1	WC100R (30m)	
CENTER LINE 2	WC100R	
NO STOPPING LINE	Y1100R1x1	
CONTINUITY LINE	W1100R1x3	
LIMIT LINE	WC300R	

LEGEND	
---	EX BDY
---	PROP BDY
---	SAFETY FENCING
---	AC PAVING
---	BRUSHED CONCRETE
---	EXPOSED CONCRETE
---	DISH CHANNEL
---	KERB AND CHANNEL
---	KERB AND NIB
---	WHEEL STOP
---	PROP SWCP SINGLE
---	PROP STREET LIGHT
---	PROP STREET SIGN
---	ROAD NAME SIGN
---	TACTILE PAVERS
---	ALIGNMENT MARKER

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		02/2026
Checked	DJM		07/2025



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
SAXBY RD JV LIMITED**

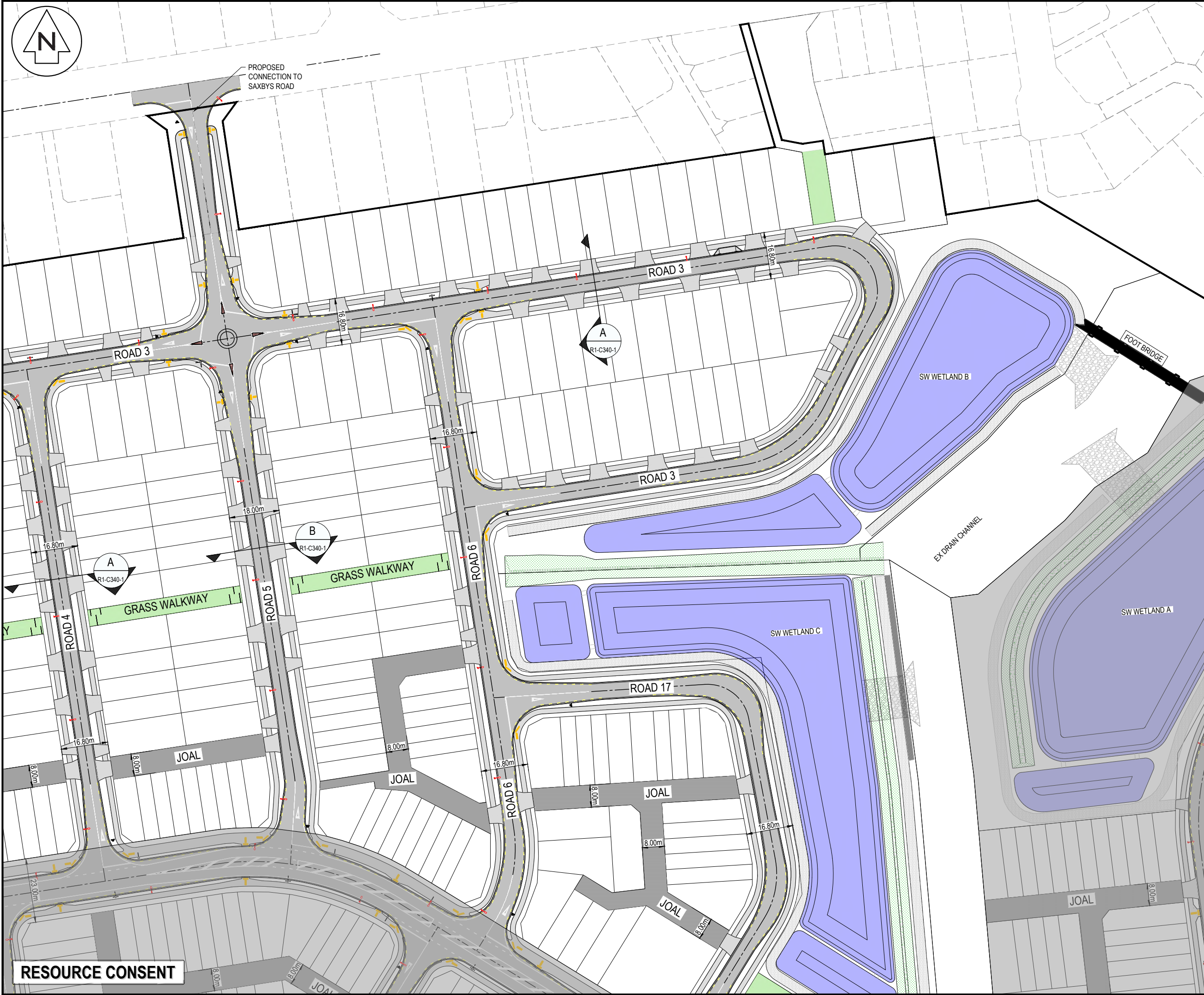
Title
**PROPOSED
ROADING
PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C300 ROADING.DWG
Drawing no.	R1-C300-2
Rev	A

RESOURCE CONSENT

FENCING FOR
SAFETY ADJACENT
TO WETLAND. REFER
TO RITS STANDARD
DETAIL DWG
R1-C380-4

PEDESTRIAN HANDRAIL OR
BARRIER ON BOTH SIDES
OF WALKWAY ENTRANCE.
REFER TO RITS STANDARD
DETAIL DWG R1-C380-4



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 NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
- THE CONTRACTORS 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 CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
- REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LINE MARKING

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R

LEGEND

---	EX BDY
---	PROP BDY
---	SAFETY FENCING
---	AC PAVING
---	BRUSHED CONCRETE
---	EXPOSED CONCRETE
---	DISH CHANNEL
---	K&C
---	K&N
---	K&N
---	WHEEL STOP
---	PROP SWCP SINGLE
---	PROP STREET LIGHT
---	PROP STREET SIGN
---	ROAD NAME SIGN
---	TACTILE PAVERS
---	ALIGNMENT MARKER

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		02/2026
Checked	DJM		07/2025

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
SAXBY RD JV LIMITED**

Title

**PROPOSED
ROADING
PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C300 ROADING.DWG
Drawing no.	R1-C300-3
Rev	A



PEDESTRIAN HANDRAIL OR
BARRIER ON BOTH SIDES
OF WALKWAY ENTRANCE.
REFER TO RITS STANDARD
DETAIL DWG R1-C380-4

- 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.
 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.

LINE MARKING

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R

LEGEND

EX BDY	AC PAVING
PROP BDY	BRUSHED CONCRETE
SAFETY FENCING	EXPOSED CONCRETE
AC PAVING	DISH CHANNEL
BRUSHED CONCRETE	KERB AND CHANNEL
EXPOSED CONCRETE	KERB AND NIB
DISH CHANNEL	WHEEL STOP
KERB AND CHANNEL	PROP SWCP SINGLE
KERB AND NIB	PROP STREET LIGHT
WHEEL STOP	PROP STREET SIGN
PROP SWCP SINGLE	ROAD NAME SIGN
PROP STREET LIGHT	TACTILE PAVERS
PROP STREET SIGN	ALIGNMENT MARKER
ROAD NAME SIGN	
TACTILE PAVERS	
ALIGNMENT MARKER	

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		02/2026
Checked	DJM		07/2025

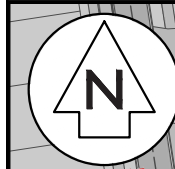
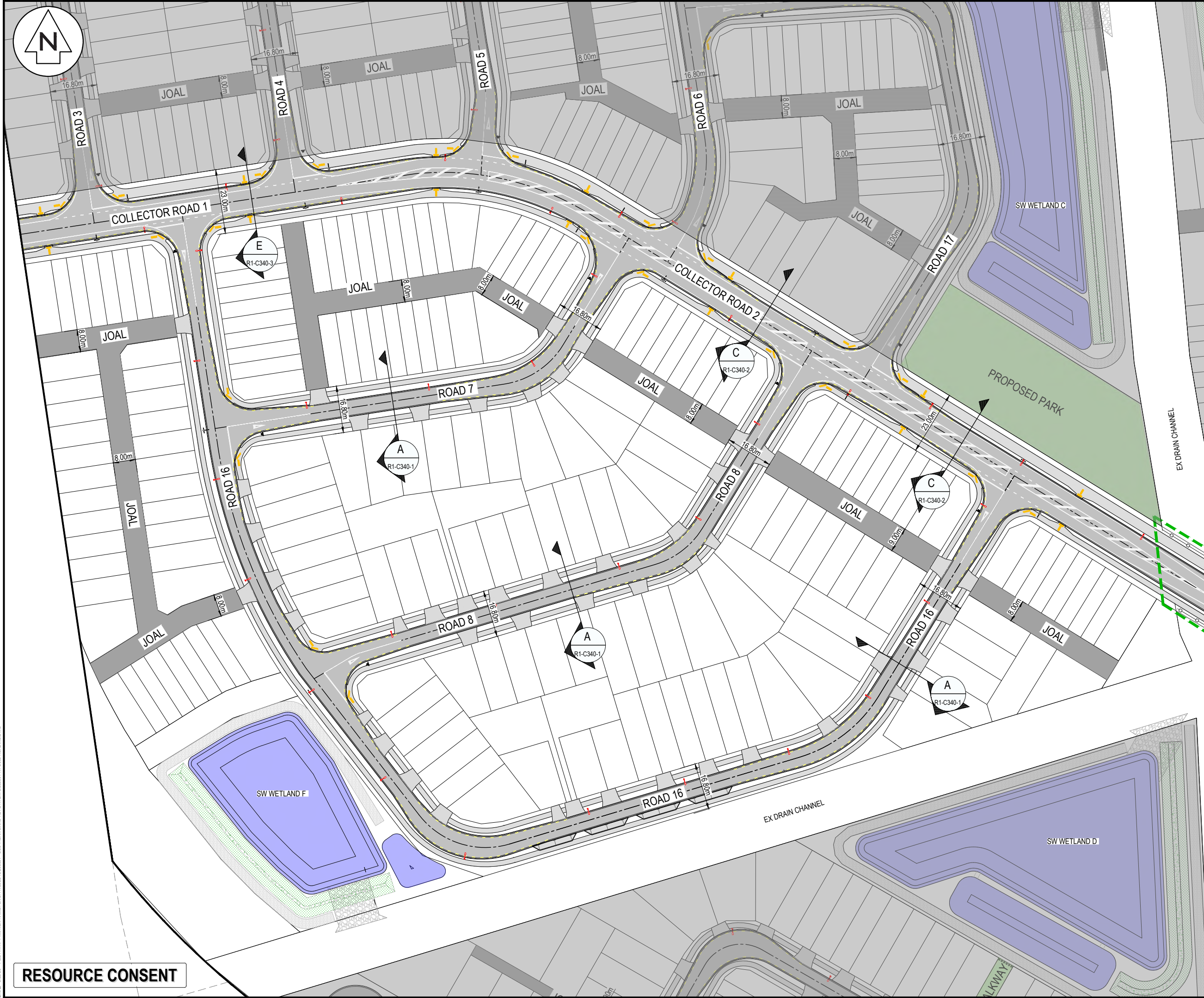


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
ROADING
PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C300 ROADING.DWG
Drawing no.	R1-C300-4
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. 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.

LINE MARKING

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R

LEGEND

---	EX BDY
---	PROP BDY
---	SAFETY FENCING
---	AC PAVING
---	BRUSHED CONCRETE
---	EXPOSED CONCRETE
---	DISH CHANNEL
---	K&C
---	K&N
---	WS
---	WHEEL STOP
---	PROP SWCP SINGLE
---	PROP STREET LIGHT
---	PROP STREET SIGN
---	ROAD NAME SIGN
---	TACTILE PAVERS
---	ALIGNMENT MARKER

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		02/2026
Checked	DJM		07/2025



Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

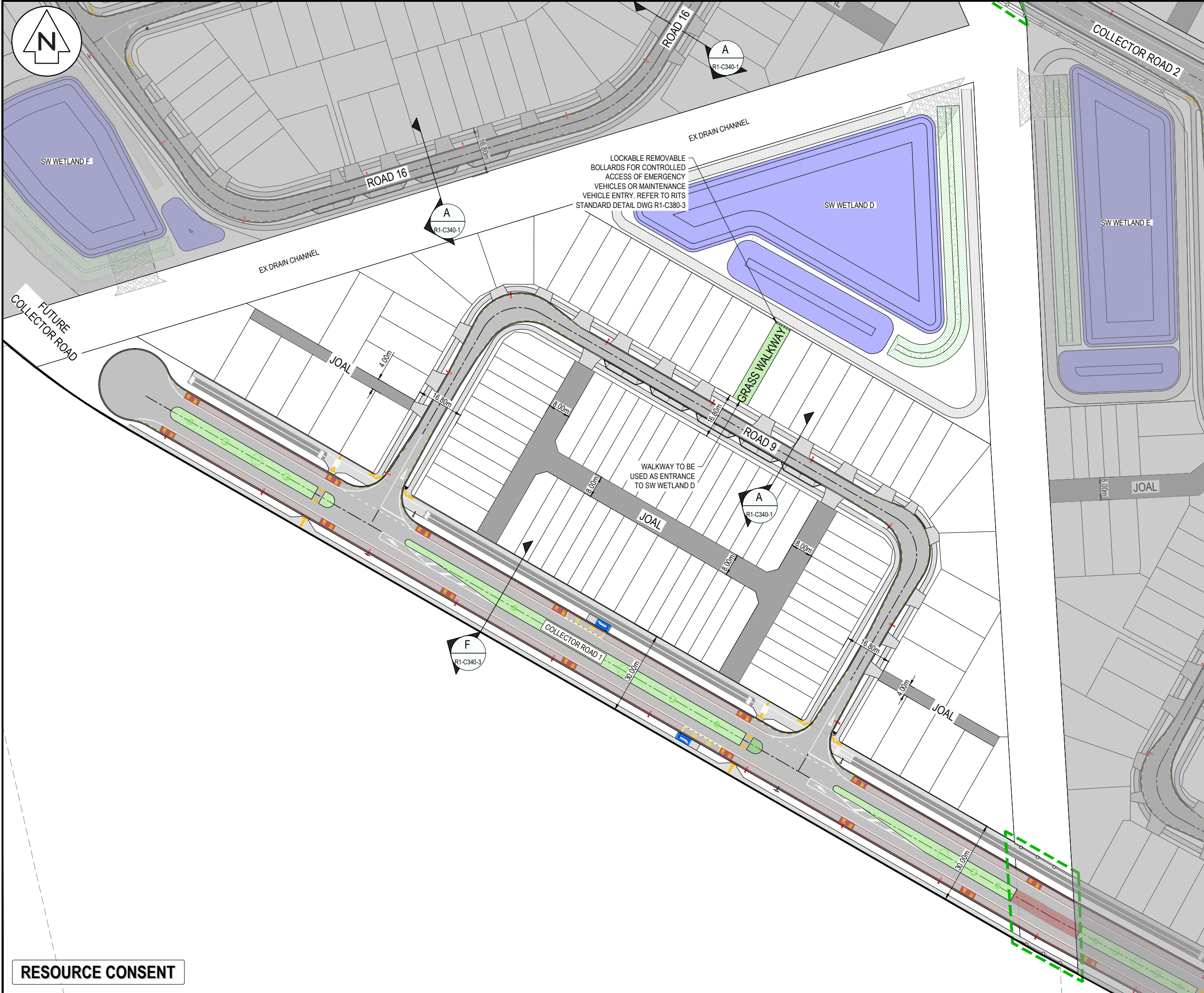
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
ROADING
PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C300 ROADING.DWG
Drawing no.	R1-C300-5
Rev	A

RESOURCE CONSENT

DATE: 8/20/25 FILEPATH: F:\MVEN\HAMILTON\6 PROJECTS\298001 - SOUTHERN LINKS 1\STG1\ROADS\298001-R1-C300 ROADING.DWG



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 NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
- THE CONTRACTORS 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 CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
- REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LINE MARKING

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R

LEGEND

---	EX BDY
---	PROP BDY
---	SAFETY FENCING
---	AC PAVING
---	BRUSHED CONCRETE
---	EXPOSED CONCRETE
---	DISH CHANNEL
---	KERB AND CHANNEL
---	KERB AND NIB
---	WHEEL STOP
---	PROP SWCP SINGLE
---	PROP STREET LIGHT
---	PROP STREET SIGN
---	ROAD NAME SIGN
---	TACTILE PAVERS
---	ALIGNMENT MARKER

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		02/2026
Checked	DJM		07/2025

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
SAXBY RD JV LIMITED**

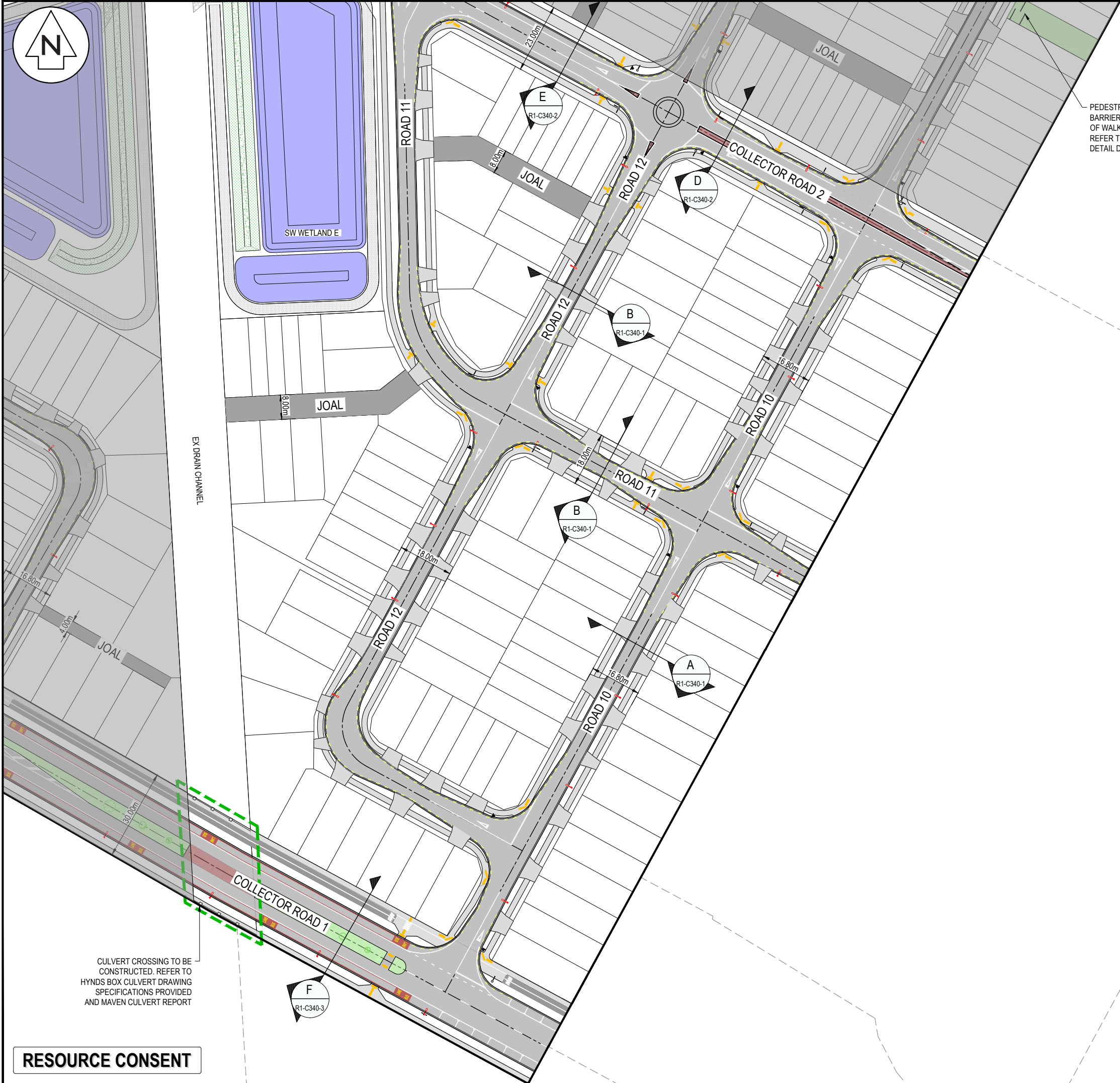
Title

**PROPOSED
ROADING
PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C300 ROADING.DWG
Drawing no.	R1-C300-6
Rev	A

RESOURCE CONSENT

DATE: 8/20/26 FILEPATH: F:\MVEN\HAMILTON\6. PROJECTS\298001 - SOUTHERN LINKS 1\STG1\DWG\298001-R1-C300 ROADING.DWG



PEDESTRIAN HANDRAIL OR BARRIER ON BOTH SIDES OF WALKWAY ENTRANCE. REFER TO RITS STANDARD DETAIL DWG R1-C380-4

- 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.
 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/BEAM 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.

LINE MARKING

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R

LEGEND

---	EX BDY
---	PROP BDY
---	SAFETY FENCING
---	AC PAVING
---	BRUSHED CONCRETE
---	EXPOSED CONCRETE
---	DISH CHANNEL
---	KERB AND CHANNEL
---	KERB AND NIB
---	WHEEL STOP
---	PROP SWCP SINGLE
---	PROP STREET LIGHT
---	PROP STREET SIGN
---	ROAD NAME SIGN
---	TACTILE PAVERS
---	ALIGNMENT MARKER

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		02/2026
Checked	DJM		07/2025



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
SAXBY RD JV LIMITED**

Title
**PROPOSED
ROADING
PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C300 ROADING.DWG
Drawing no.	R1-C300-7
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
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.

LEGEND

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
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	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		10/2025
Checked	DJM		07/2025



Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

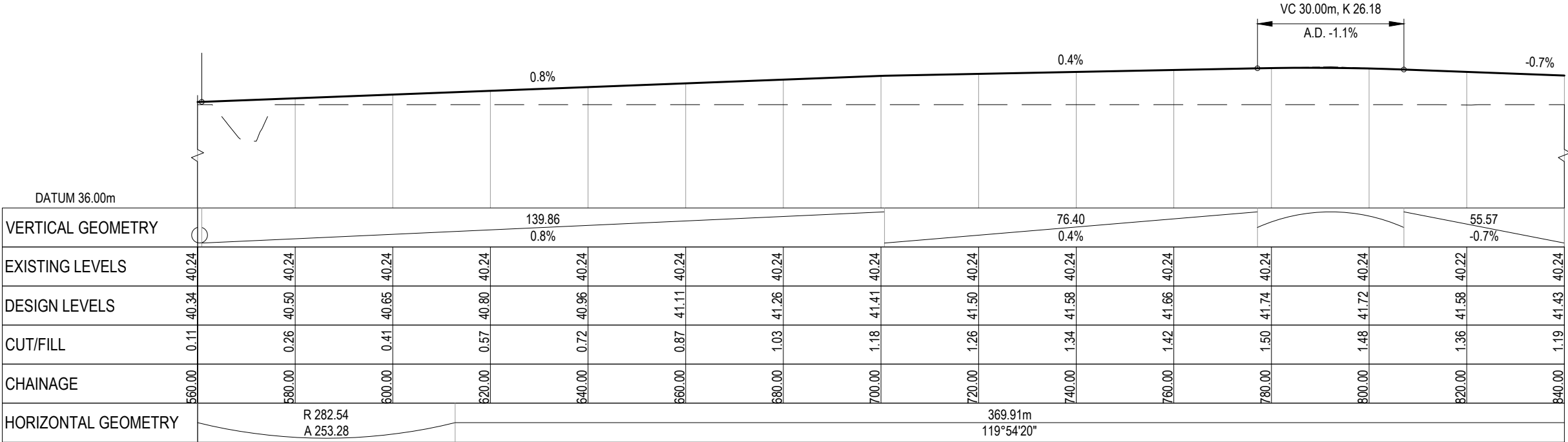
Title
**PROPOSED
ROADING OVERVIEW
LONGSECTION**

Project no.	298001-R1 SL1		
Scale	1:4000 @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320	Rev	A

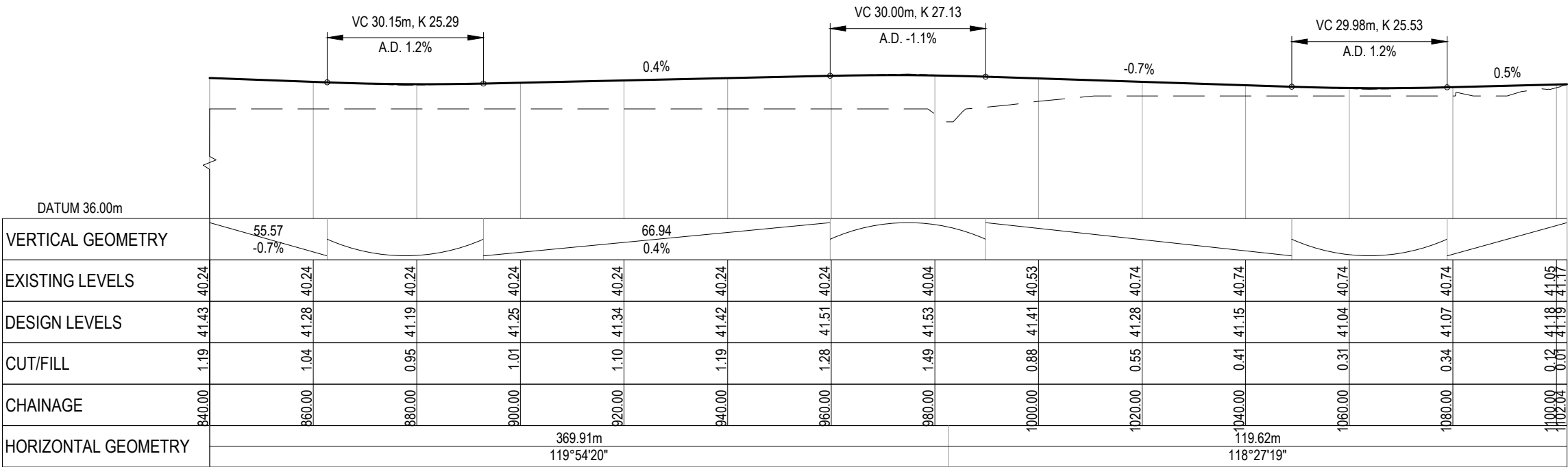
RESOURCE CONSENT

DATE: 9/2/25 FILEPATH: F:\MVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS R1\RD\0320\RD LONGSECTIONS.DWG

RESOURCE CONSENT



PV - ROAD 1 (3 of 4)
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 1 (4 of 4)
SCALE: HORI 1:1000 VERT 1:200

- 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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	10/2025	
Checked	DJM	07/2025	



Project

SOUTHERN LINKS 1

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

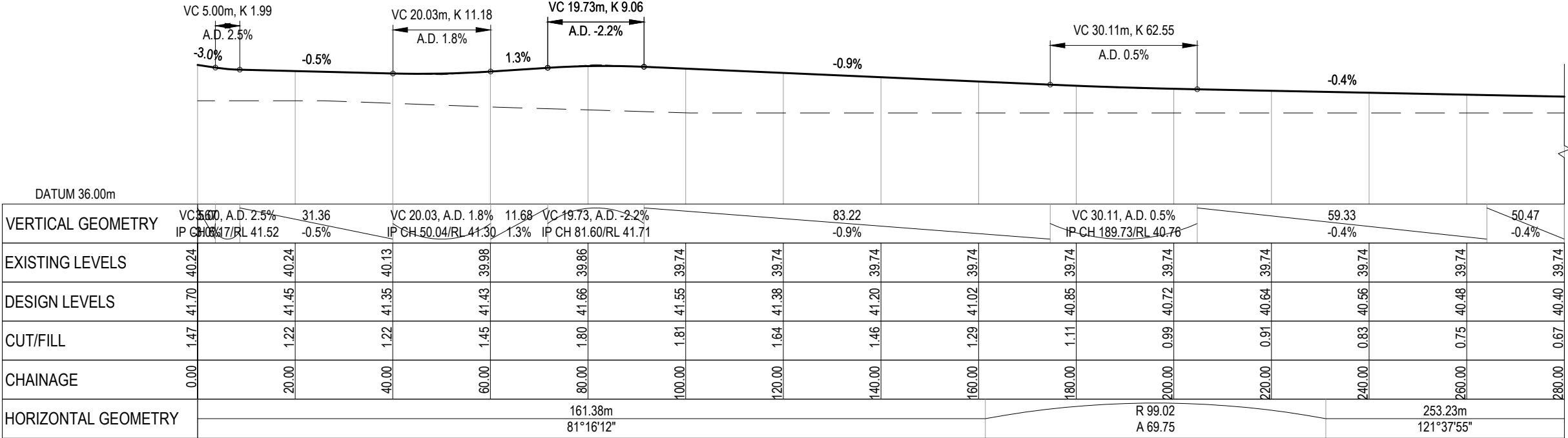
PROPOSED

ROADING

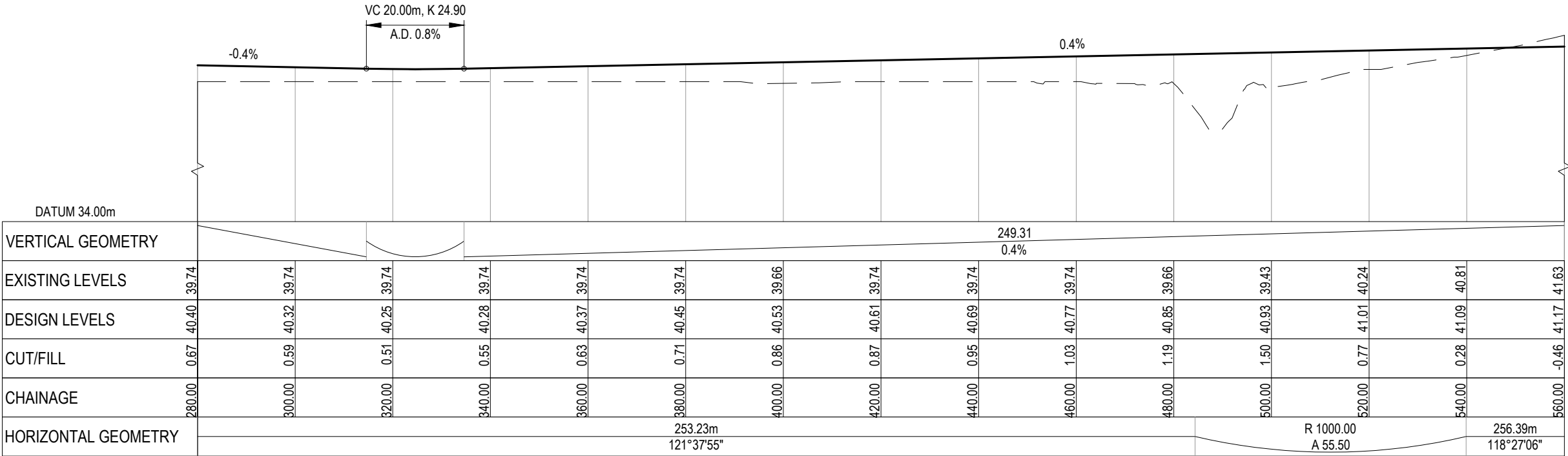
LONGSECTION

Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-2	Rev	A

DATE: 9/2/25 FILEPATH: F:\MVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS R1\RD LONGSECTIONS.DWG



PV - ROAD 2 (1 of 3)
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 2 (2 of 3)
SCALE: HORI 1:1000 VERT 1:200

- 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 NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.

LEGEND

--- EX GROUND LEVEL

— PR GROUND LEVEL

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
	Survey	MAVEN	06/2025
	Design	MKS	07/2025
	Drawn	MJRA	10/2025
	Checked	DJM	07/2025



Project

SOUTHERN LINKS 1

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

PROPOSED

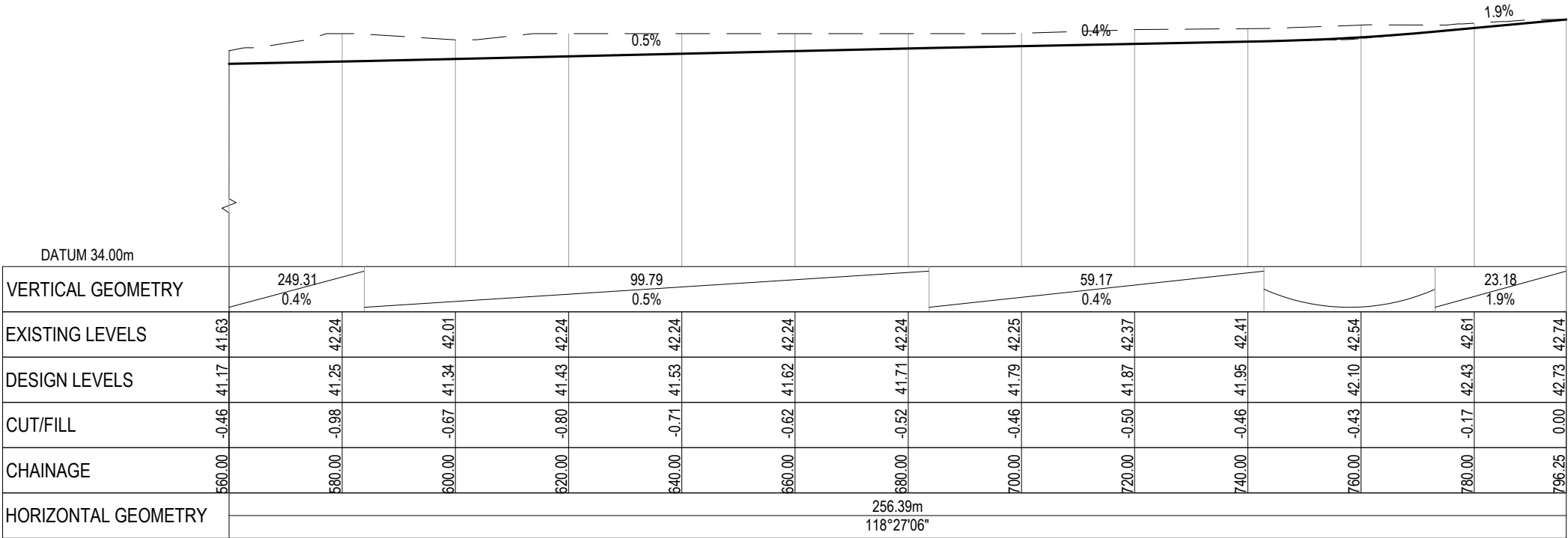
ROADING

LONGSECTION

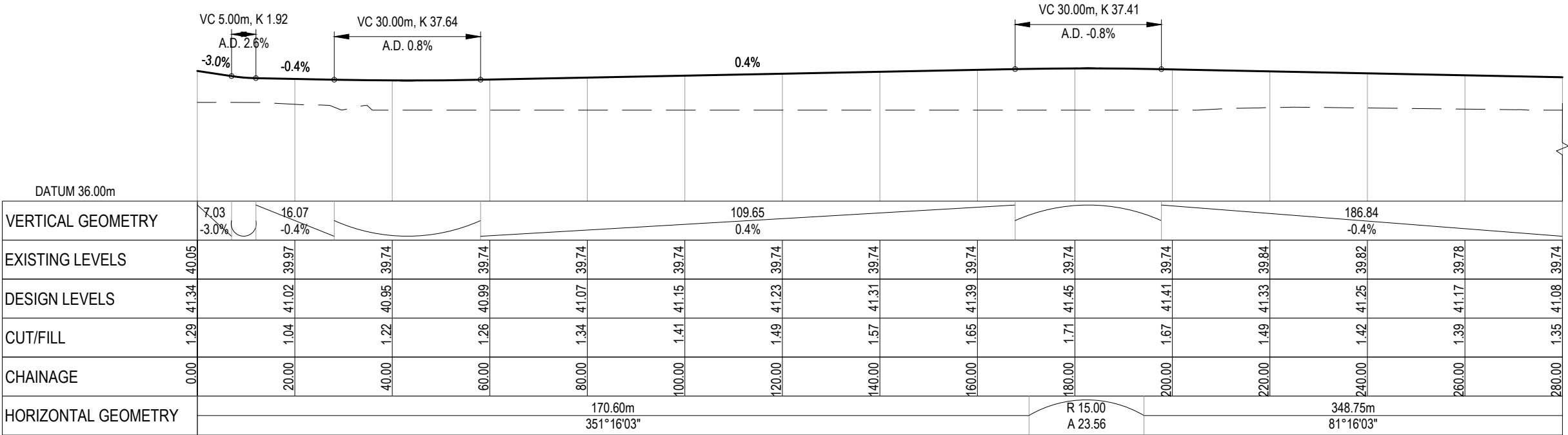
Project no.	298001-R1 SL1
Scale	1:1000H @ A3, 1:200V @ A3
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG
Drawing no.	R1-C320-3
Rev	A

RESOURCE CONSENT

DATE: 9/25/25 FILEPATH: F:\MVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\R1-C320 RD LONGSECTIONS.DWG



PV - ROAD 2 (3 of 3)
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 3 (1 of 3)
SCALE: HORI 1:1000 VERT 1:200

- 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	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		10/2025
Checked	DJM		07/2025



Project

SOUTHERN LINKS 1

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

PROPOSED

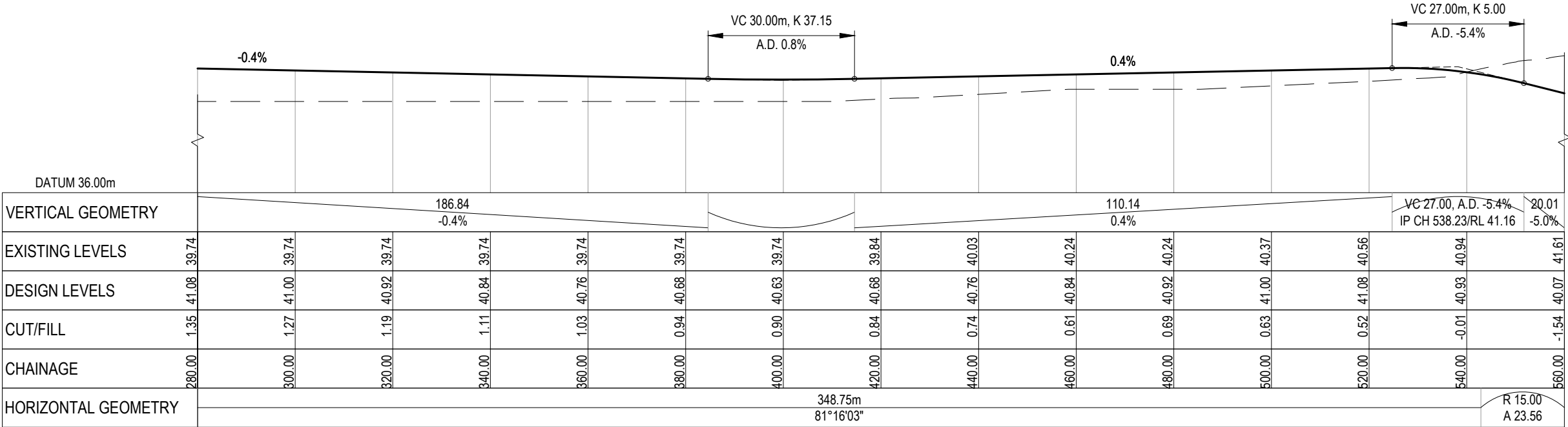
ROADING

LONGSECTION

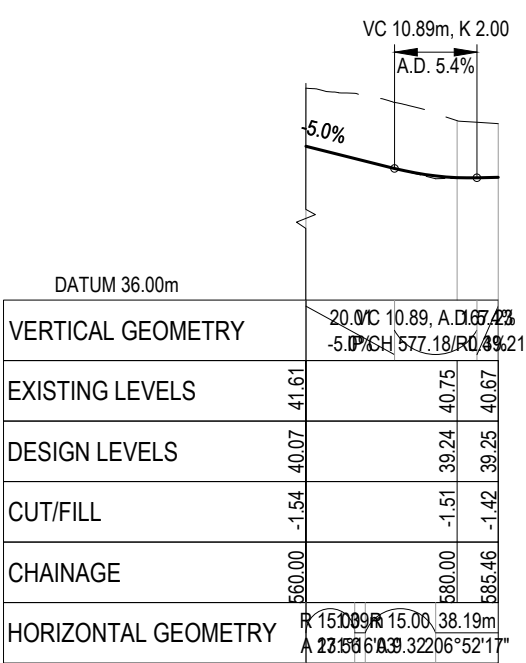
Project no.	298001-R1 SL1
Scale	1:1000H @ A3, 1:200V @ A3
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG
Drawing no.	R1-C320-4
Rev	A

RESOURCE CONSENT

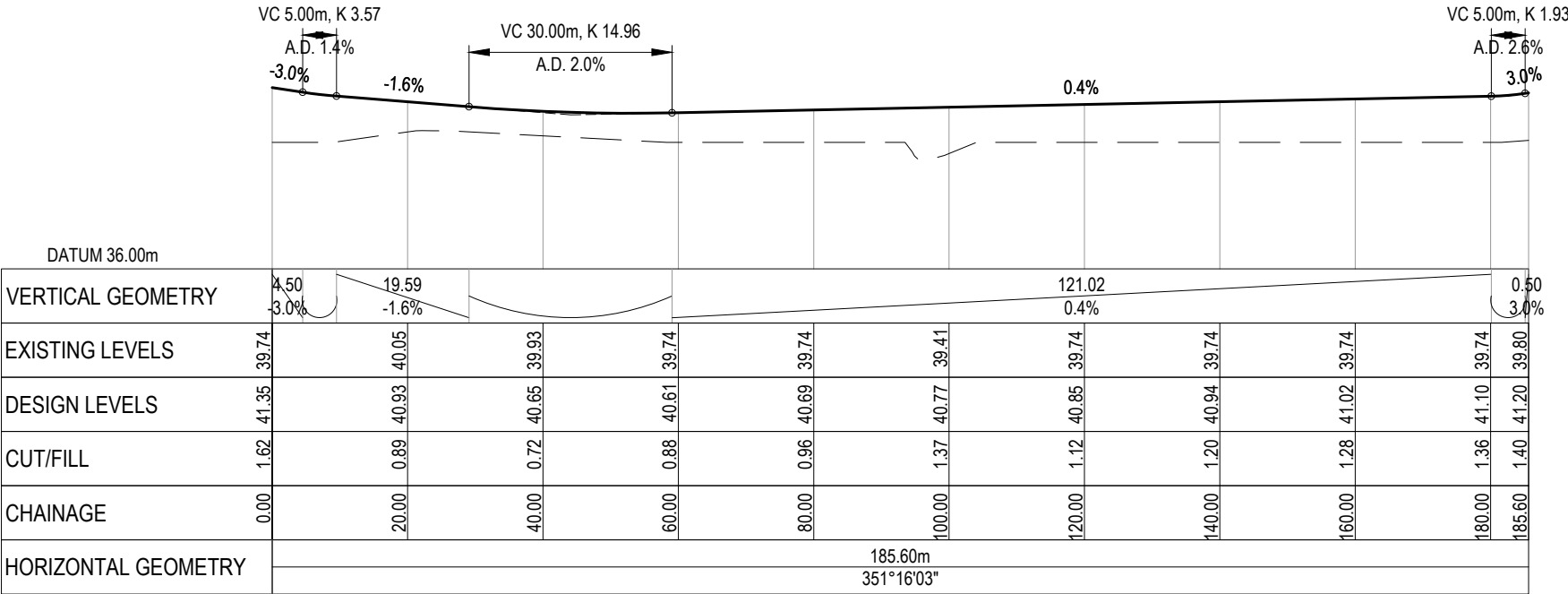
DATE: 9/2/25 FILEPATH: F:\MVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS R1\10\02\298001-R1-C320 RD LONGSECTIONS.DWG



PV - ROAD 3 (2 of 3)
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 3 (3 of 3)
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 4
SCALE: HORI 1:1000 VERT 1:200

- 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	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		10/2025
Checked	DJM		07/2025



Project

SOUTHERN LINKS 1

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

PROPOSED

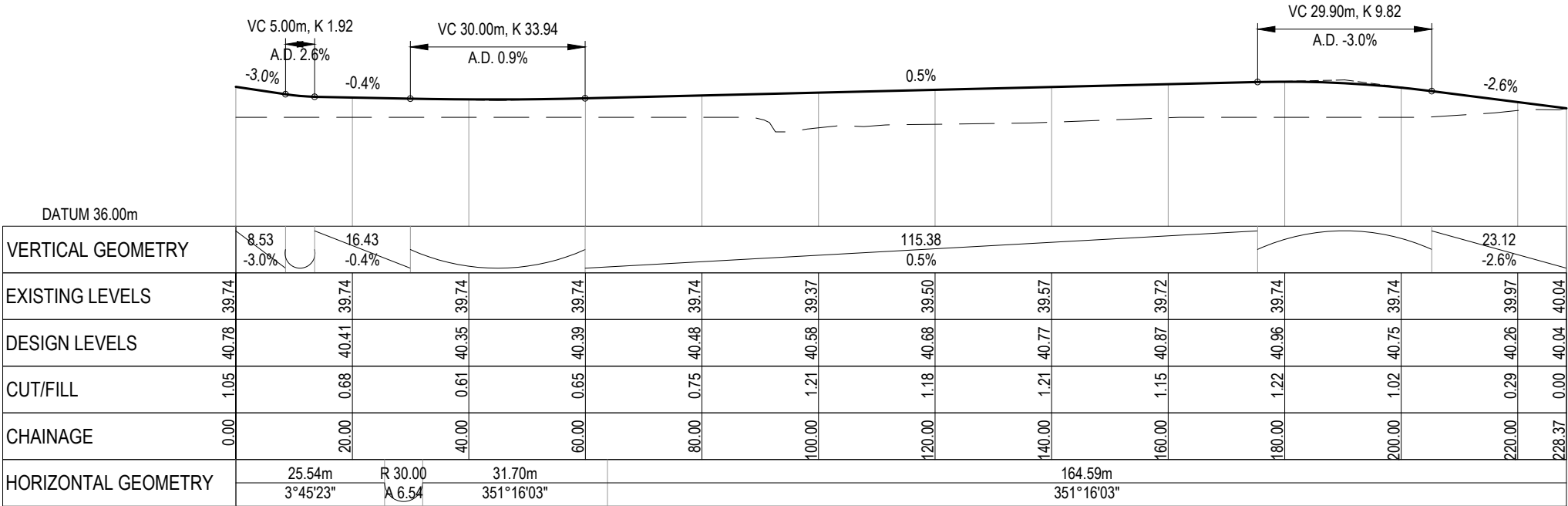
ROADING

LONGSECTION

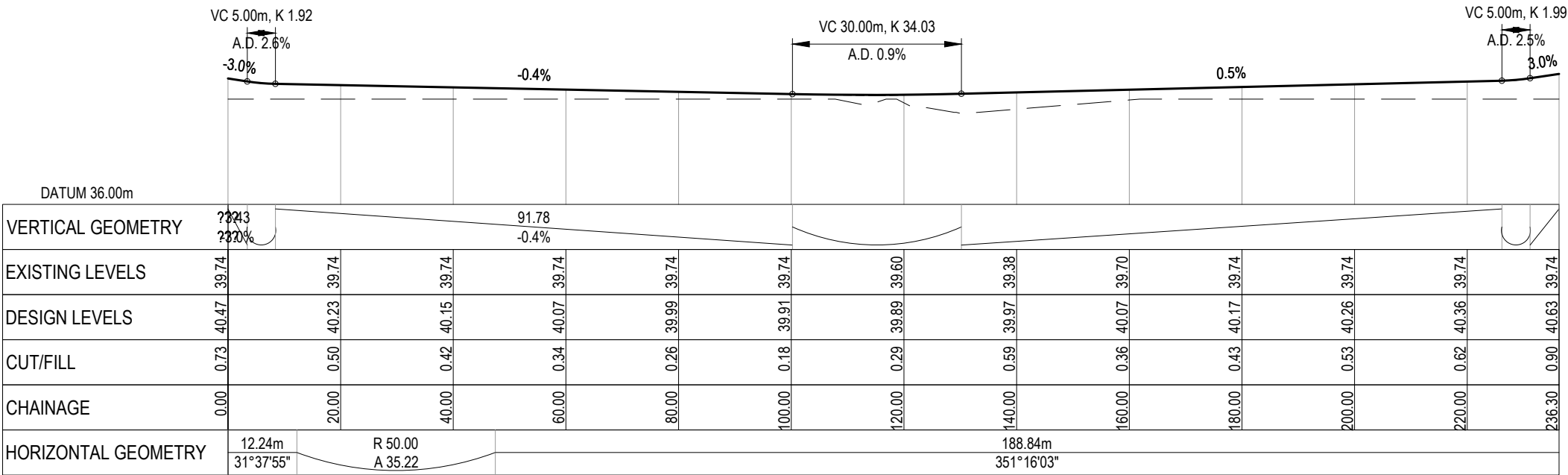
Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-5	Rev	A

RESOURCE CONSENT

DATE: 9/2/25 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS R1\RD\0320\01-R1-C320 RD LONGSECTIONS.DWG



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



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

- 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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	10/2025	
Checked	DJM	07/2025	



Project

**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

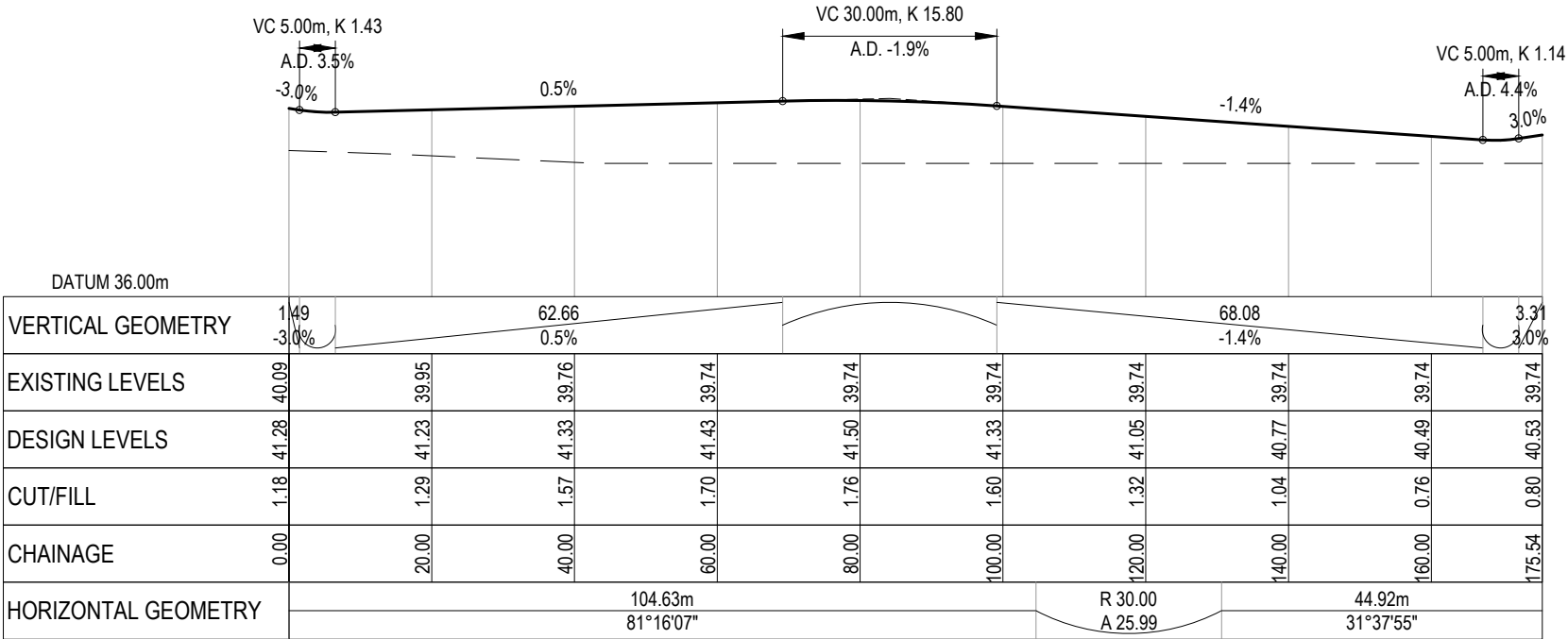
Title

**PROPOSED
ROADING
LONGSECTION**

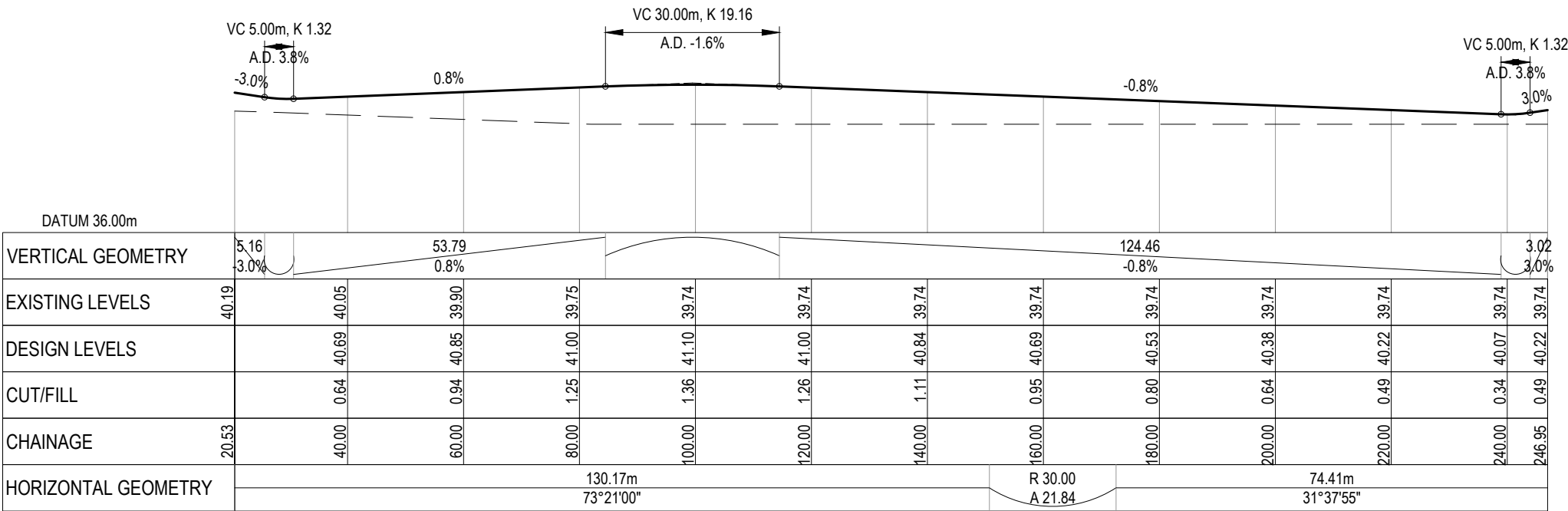
Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-6	Rev	A

RESOURCE CONSENT

DATE: 9/2/25 FILEPATH: F:\MVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\R1-C320 RD LONGSECTIONS.DWG



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



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

- 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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	10/2025	
Checked	DJM	07/2025	



Project

SOUTHERN LINKS 1

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

PROPOSED

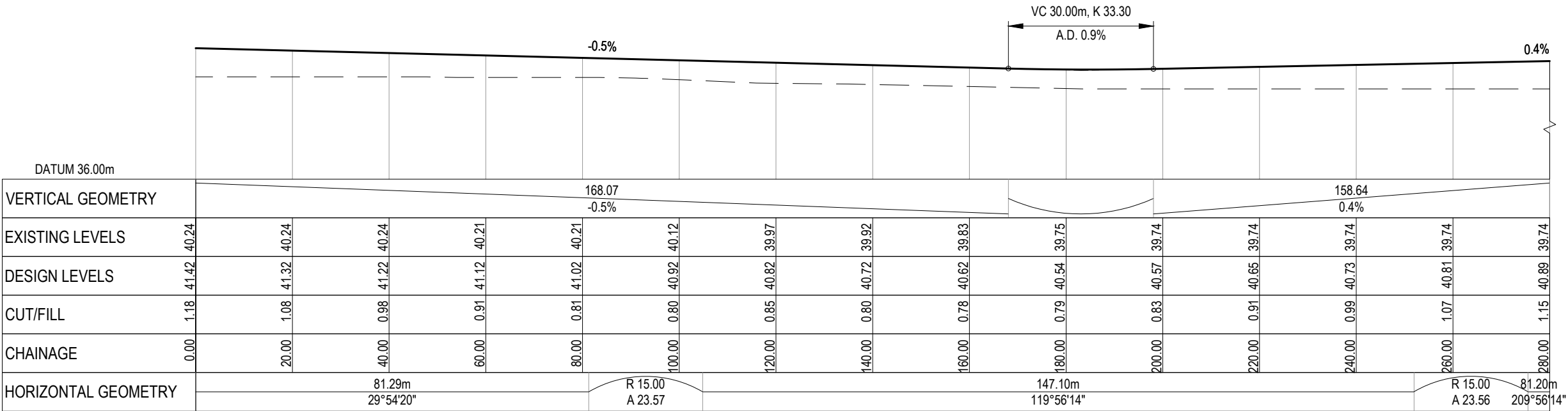
ROADING

LONGSECTION

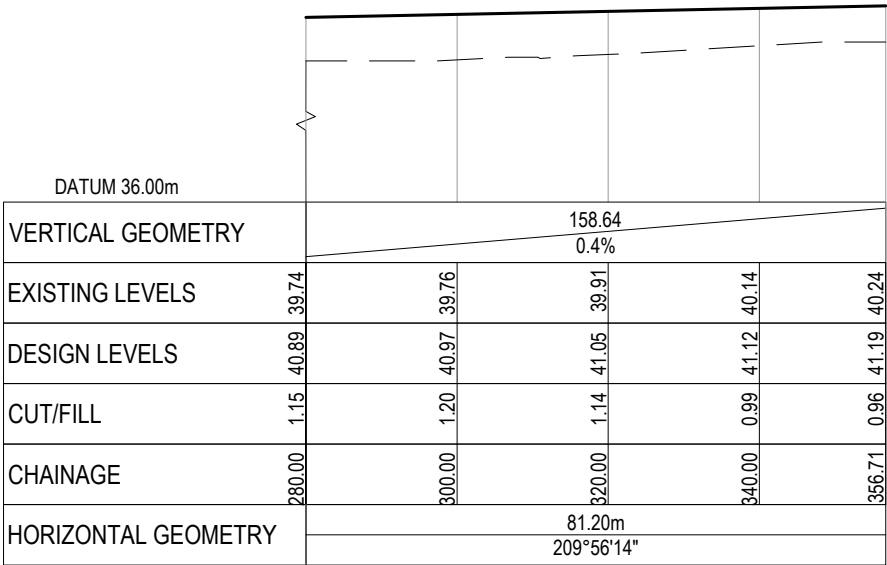
Project no.	298001-R1 SL1
Scale	1:1000H @ A3, 1:200V @ A3
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG
Drawing no.	R1-C320-7
Rev	A

RESOURCE CONSENT

DATE: 9/25; FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\10\03\298001-R1-C320 RD LONGSECTIONS.DWG



PV - ROAD 9 (1 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 9 (1 of 2) (1)
SCALE: HORI 1:1000 VERT 1:200

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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	10/2025	
Checked	DJM	07/2025	



Project

SOUTHERN LINKS 1

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

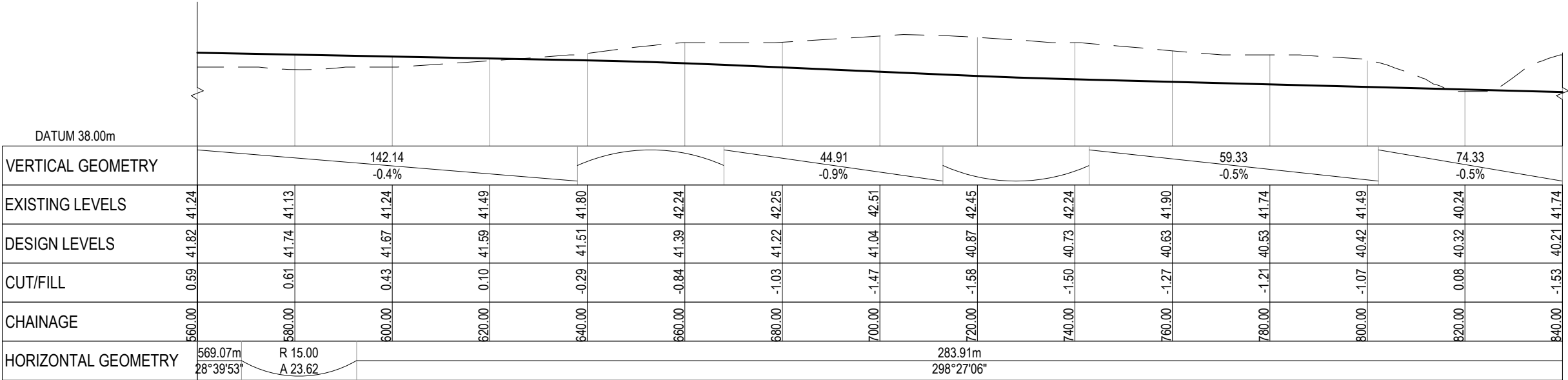
PROPOSED

ROADING

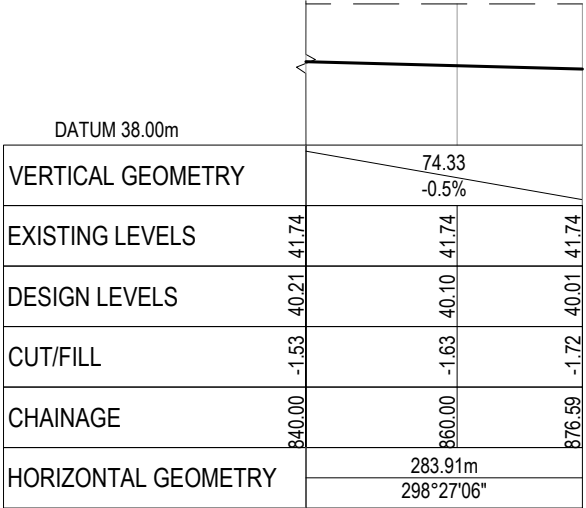
LONGSECTION

Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-8	Rev	A

DATE: 9/2/25 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C320 RD LONGSECTIONS.DWG



PV - ROAD 10 (3 of 4)
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 10 (4 of 4)
SCALE: HORI 1:1000 VERT 1:200

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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	10/2025	
Checked	DJM	07/2025	

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

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

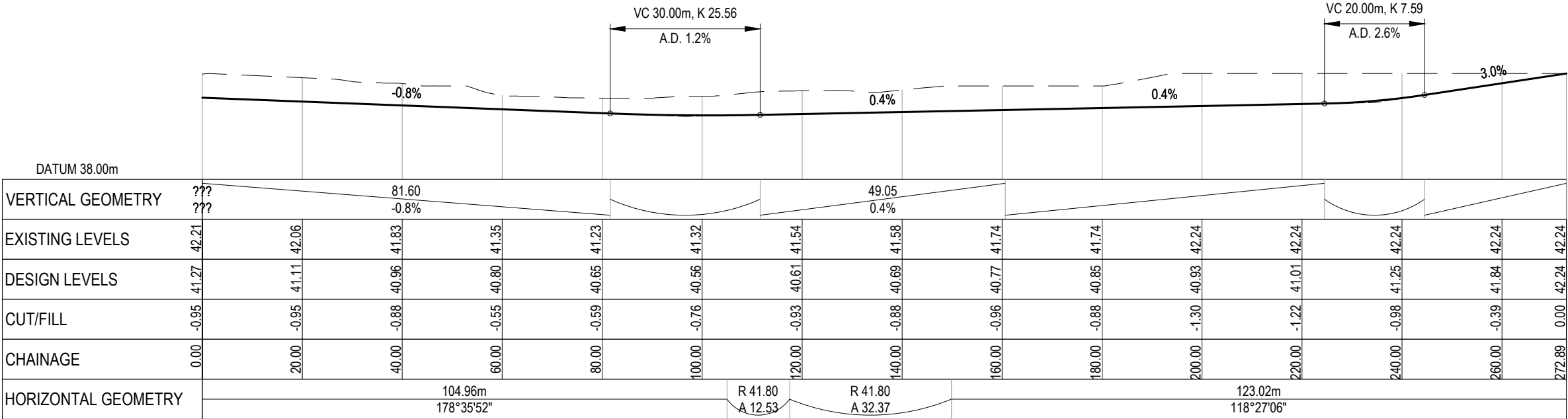
PROPOSED

ROADING

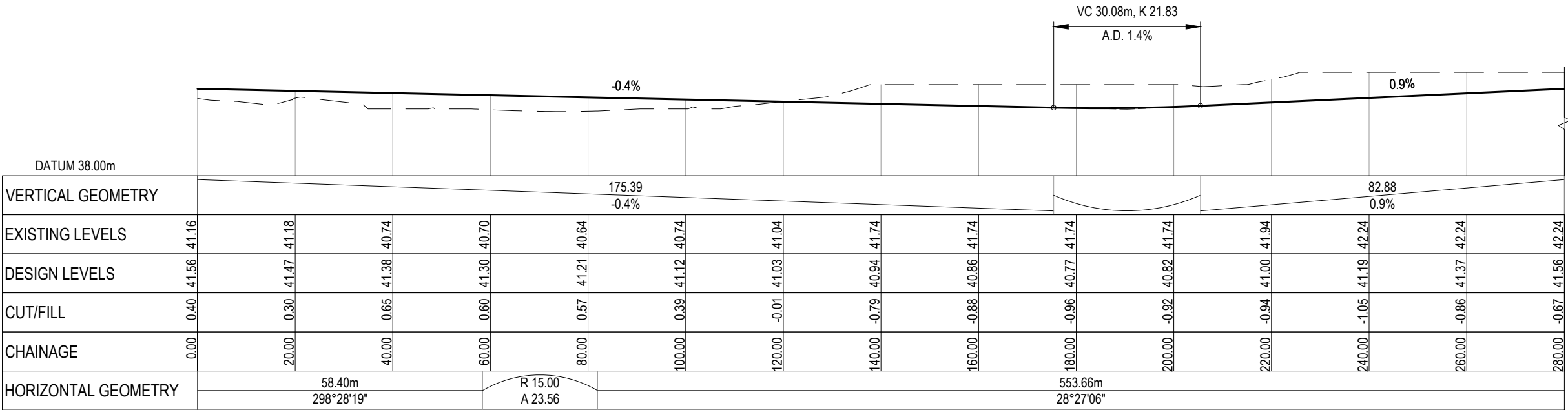
LONGSECTION

Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-10	Rev	A

DATE: 9/2/25 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS R1\DWG\298001-R1-C320 RD LONGSECTIONS.DWG



PV - ROAD 11
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 12 (1 of 3)
SCALE: HORI 1:1000 VERT 1:200

- 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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	10/2025	
Checked	DJM	07/2025	



Project

SOUTHERN LINKS 1

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

PROPOSED

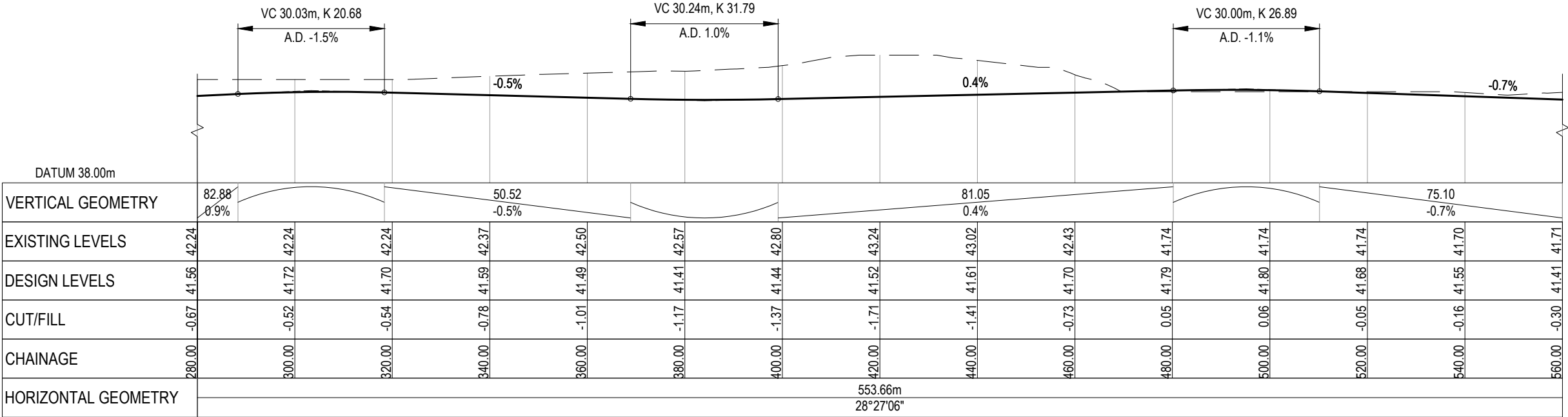
ROADING

LONGSECTION

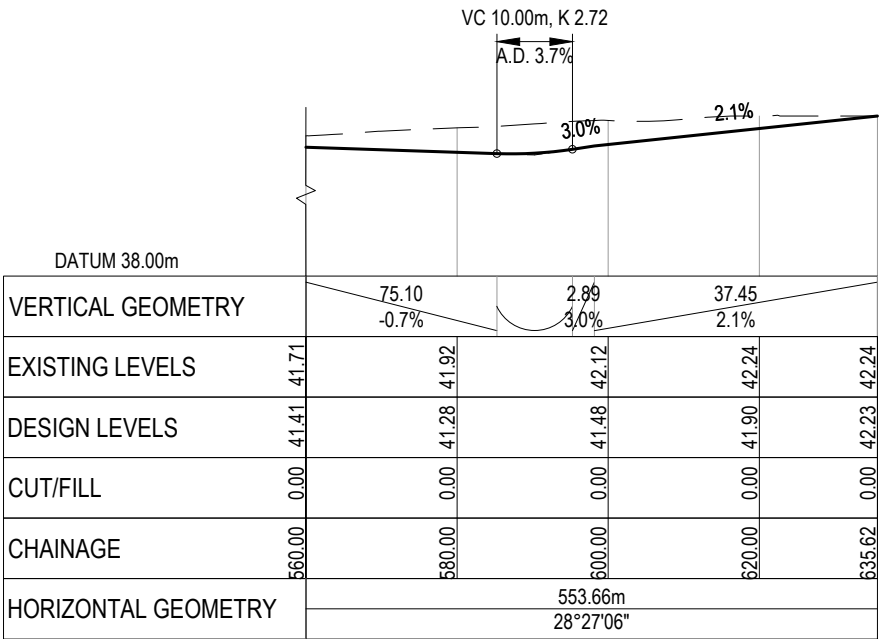
Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-11	Rev	A

RESOURCE CONSENT

DATE: 9/25/25 FILEPATH: F:\MVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C320 RD LONGSECTIONS.DWG



PV - ROAD 12 (2 of 3)
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 12 (3 of 3)
SCALE: HORI 1:1000 VERT 1:200

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	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		10/2025
Checked	DJM		07/2025

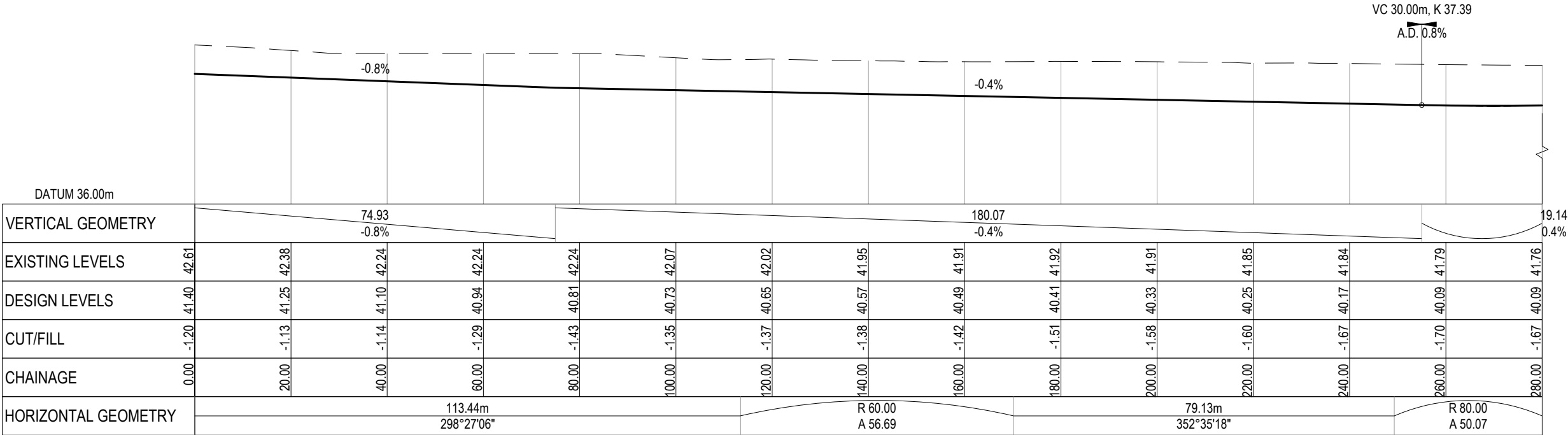


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

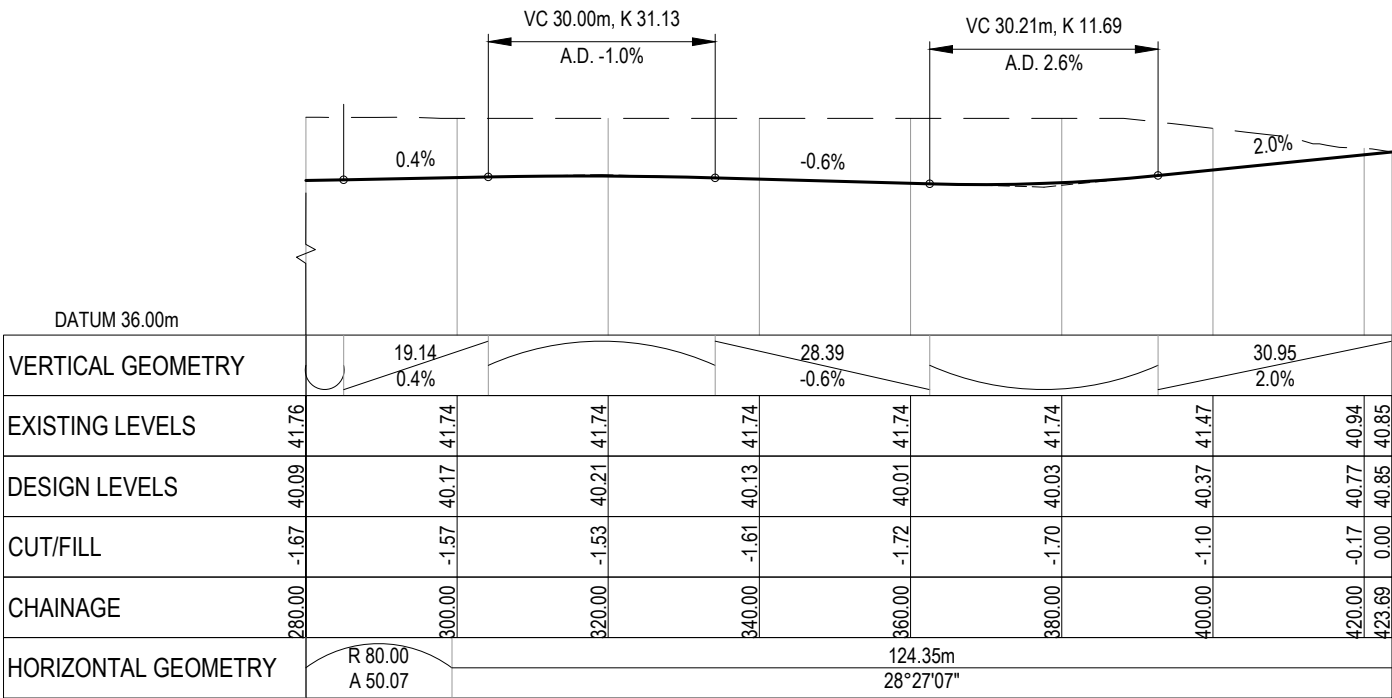
Title
**PROPOSED
ROADING
LONGSECTION**

Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-12	Rev	A

DATE: 9/2/25 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\B10\02\298001-R1-C320 RD LONGSECTIONS.DWG



PV - ROAD 13 (1 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 13 (2 of 2)
SCALE: HORI 1:1000 VERT 1:200

- 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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	10/2025	
Checked	DJM	07/2025	



Project

SOUTHERN LINKS 1

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

PROPOSED

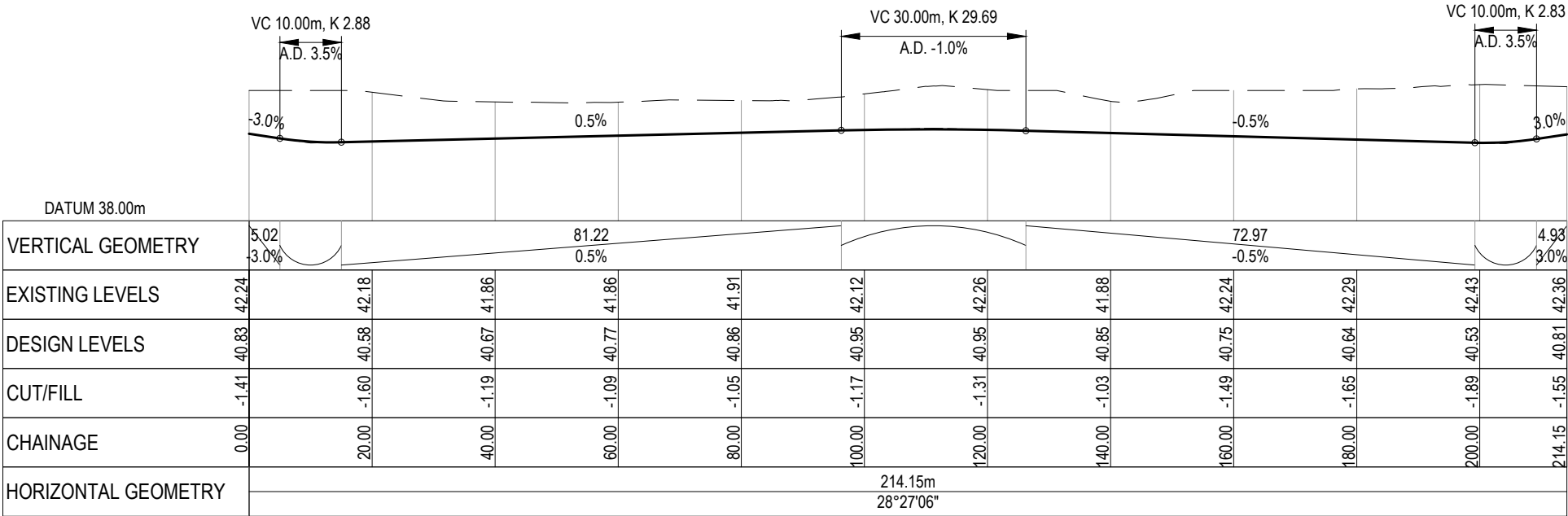
ROADING

LONGSECTION

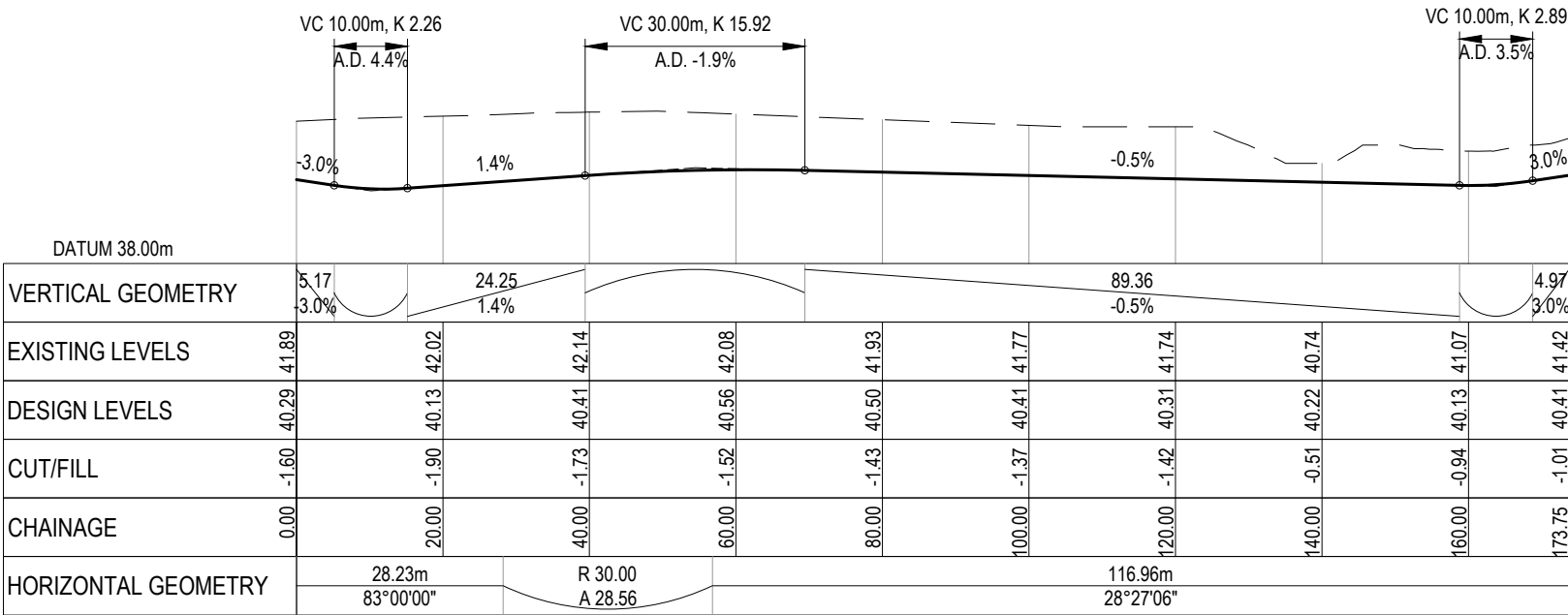
Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-13	Rev	A

RESOURCE CONSENT

DATE: 9/2/25 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C320 RD LONGSECTIONS.DWG



PV - ROAD 14
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 15
SCALE: HORI 1:1000 VERT 1:200

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	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		10/2025
Checked	DJM		07/2025



Project

SOUTHERN LINKS 1

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

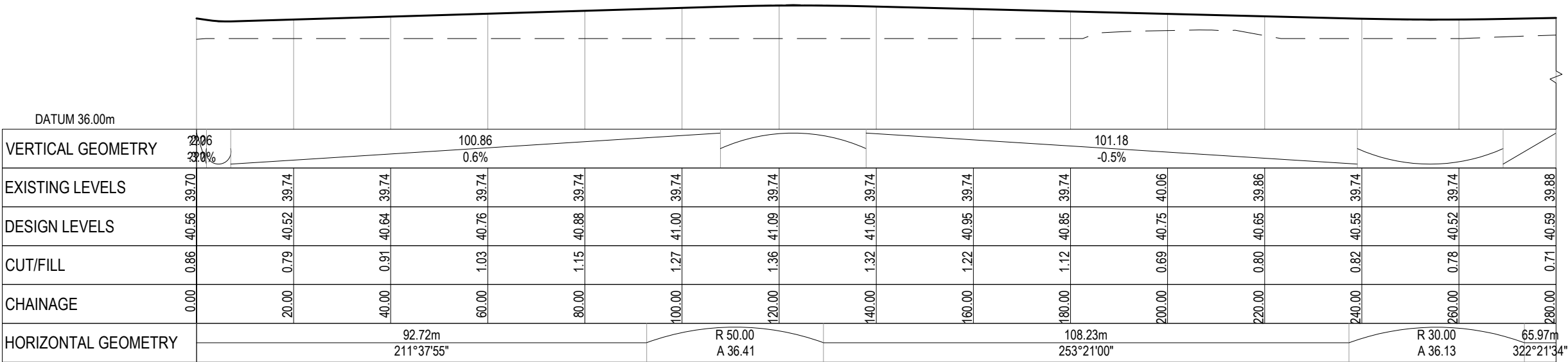
PROPOSED

ROADING

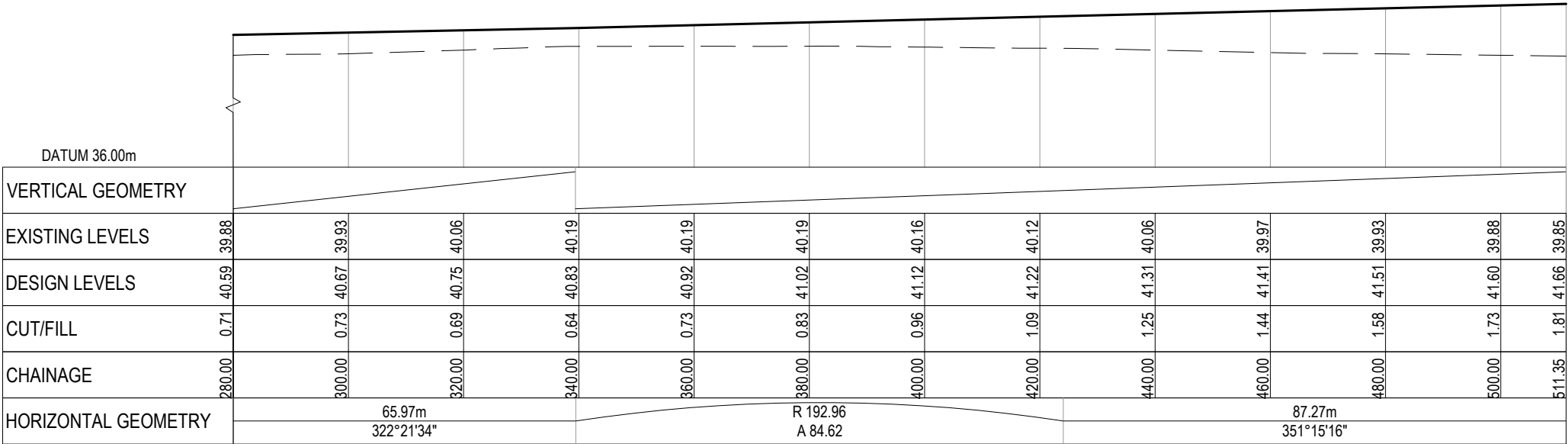
LONGSECTION

Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-14	Rev	A

DATE: 9/25/25 FILEPATH: F:\MVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\R1-C320 RD LONGSECTIONS.DWG



PV - ROAD 16 (1 OF 2)
SCALE: HORI 1:1000 VERT 1:200



PV - ROAD 16 (2 OF 2)
SCALE: HORI 1:1000 VERT 1:200

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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	10/2025	
Checked	DJM	07/2025	



Project

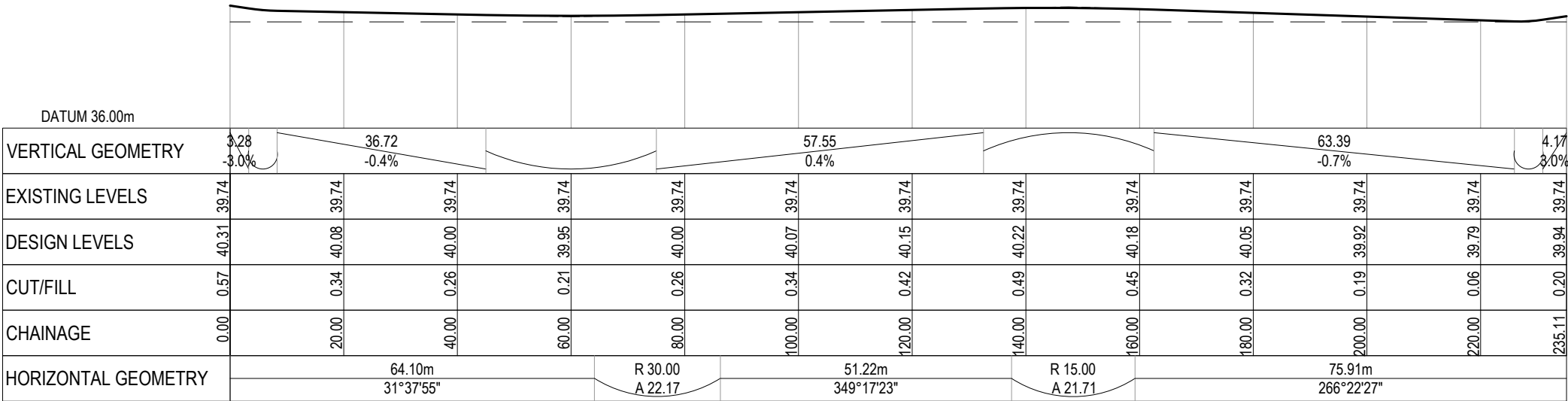
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title

**PROPOSED
ROADING
LONGSECTION**

Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-15	Rev	A

DATE: 9/2/25 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\B10\G320\01-R1-C320 RD LONGSECTIONS.DWG



PV - ROAD 17
SCALE: HORI 1:1000 VERT 1:200

- 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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	10/2025	
Checked	DJM	07/2025	



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
SAXBY RD JV LIMITED**

Title

**PROPOSED
ROADING
LONGSECTION**

Project no.	298001-R1 SL1		
Scale	1:1000H @ A3, 1:200V @ A3		
Cad file	298001-R1-C320 RD LONGSECTIONS.DWG		
Drawing no.	R1-C320-16	Rev	A

RESOURCE CONSENT



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 NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
- THE CONTRACTORS 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 CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
- REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LINE MARKING

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R

LEGEND

EX BDY	PR TRENCH CROSSING
PROP BDY	PR BERM TRENCH
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
ALIGNMENT MARKER	ALIGNMENT MARKER

A	FAST TRACK APP	MJRA	08/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		08/2026
Drawn	MJRA		08/2026
Checked	DJM		08/2026

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project

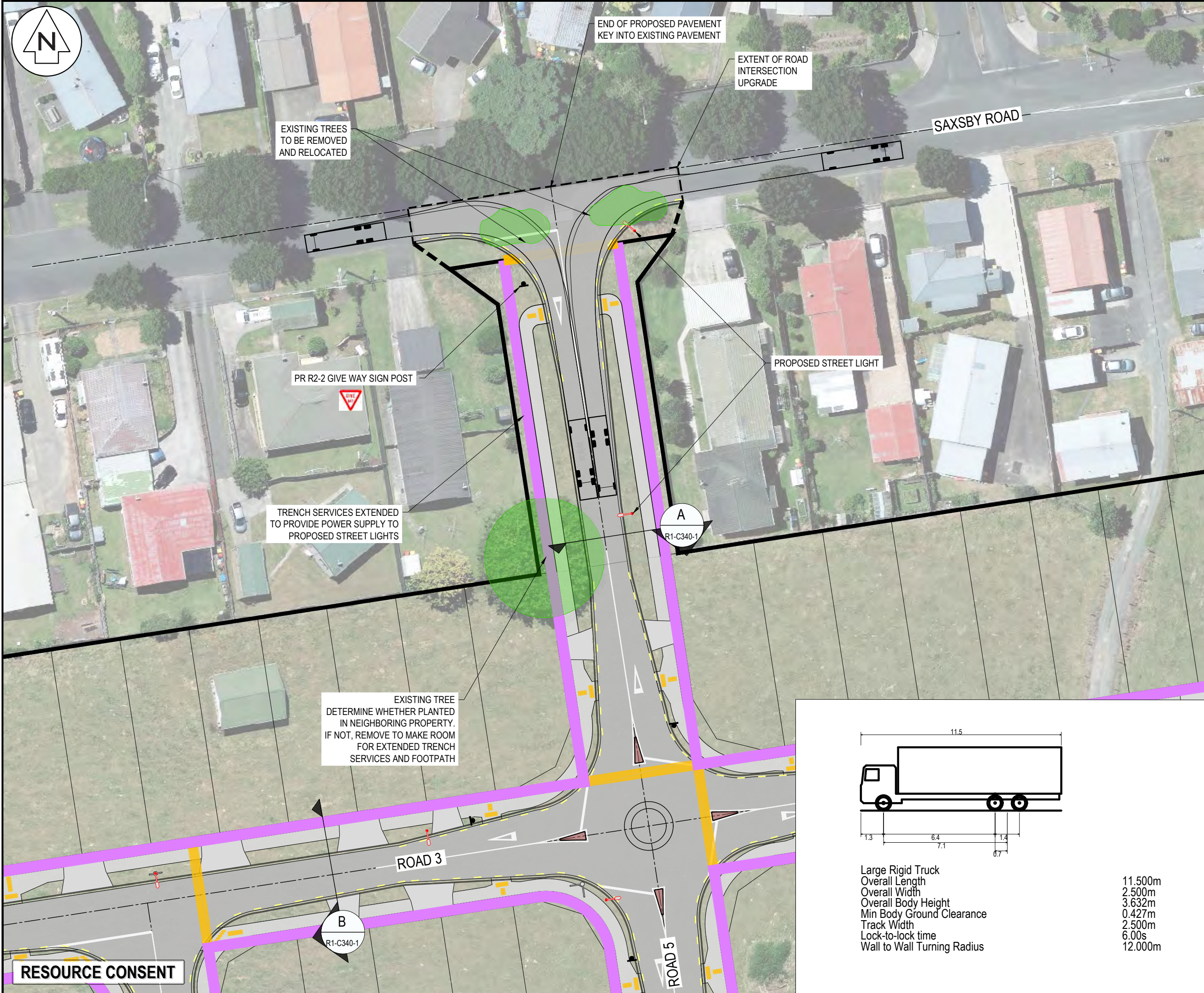
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title

**PROPOSED
ROAD TIE IN
OVERVIEW PLAN**

Project no.	298001-R1 SL1		
Scale	1:4000 @ A3		
Cad file	298001-R1-C330 ROAD TIE IN.DWG		
Drawing no.	R1-C330	Rev	A

RESOURCE CONSENT



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 NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
- THE CONTRACTORS 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 CENTERLINE TO BE SUPPLIED TO THE CONTRACTORS PRIOR TO CONSTRUCTION.
- REFER TO LONG SECTION FOR FINISHED CENTERLINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.

LINE MARKING

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R

LEGEND

---	EX BDY
---	PROP BDY
---	PR TRENCH CROSSING
---	PR BERM TRENCH
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
---	ALIGNMENT MARKER

A	FAST TRACK APP	MJRA	08/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		08/2026
Drawn	MJRA		08/2026
Checked	DJM		08/2026

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

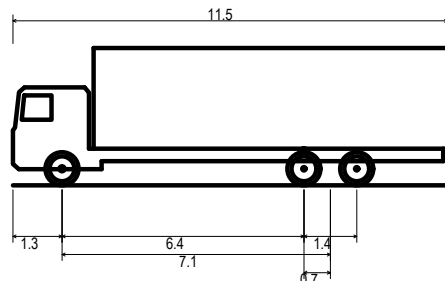
Project

**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXSBY RD JV LIMITED**

Title

**PROPOSED
ROAD TIE IN
PLAN**

Project no.	298001-R1 SL1
Scale	1:500 @ A3
Cad file	298001-R1-C330 ROAD TIE IN.DWG
Drawing no.	R1-C330-1
Rev	A



Large Rigid Truck
Overall Length 11.500m
Overall Width 2.500m
Overall Body Height 3.632m
Min Body Ground Clearance 0.427m
Track Width 2.500m
Lock-to-lock time 6.00s
Wall to Wall Turning Radius 12.000m



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.
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/BEAM 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.

LINE MARKING

CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R

LEGEND

---	EX BDY
---	PROP BDY
---	PR TRENCH CROSSING
---	PR BERM TRENCH
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
---	ALIGNMENT MARKER

A	FAST TRACK APP	MJRA	08/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		08/2026
Drawn	MJRA		08/2026
Checked	DJM		08/2026

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
SAXBY RD JV LIMITED**

Title

**PROPOSED
ROAD TIE IN
PLAN**

Project no.	298001-R1 SL1
Scale	1:500 @ A3
Cad file	298001-R1-C330 ROAD TIE IN.DWG
Drawing no.	R1-C330-2
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. 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/BEAM 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.

LINE MARKING	
CENTER LINE 1	WC100R (30m)
CENTER LINE 2	WC100R
NO STOPPING LINE	Y1100R1x1
CONTINUITY LINE	W1100R1x3
LIMIT LINE	WC300R

LEGEND	
	EX BDY
	PROP BDY
	PR TRENCH CROSSING
	PR BERM TRENCH
	AC PAVING
	BRUSHED CONCRETE
	EXPOSED CONCRETE
	DISH CHANNEL
	KERB AND CHANNEL
	KERB AND NIB
	WHEEL STOP
	PROP SWCP SINGLE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS
	ALIGNMENT MARKER

A	FAST TRACK APP	MJRA	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		08/2026
Drawn	MJRA		08/2026
Checked	DJM		08/2026



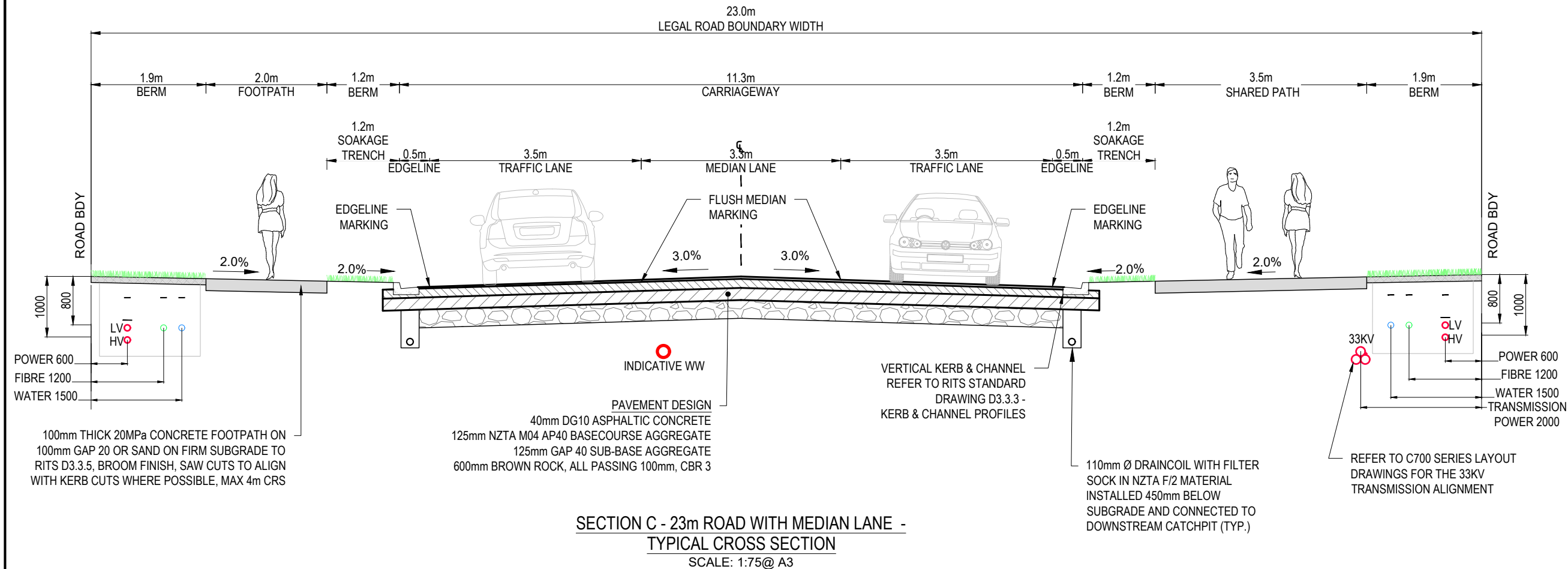
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

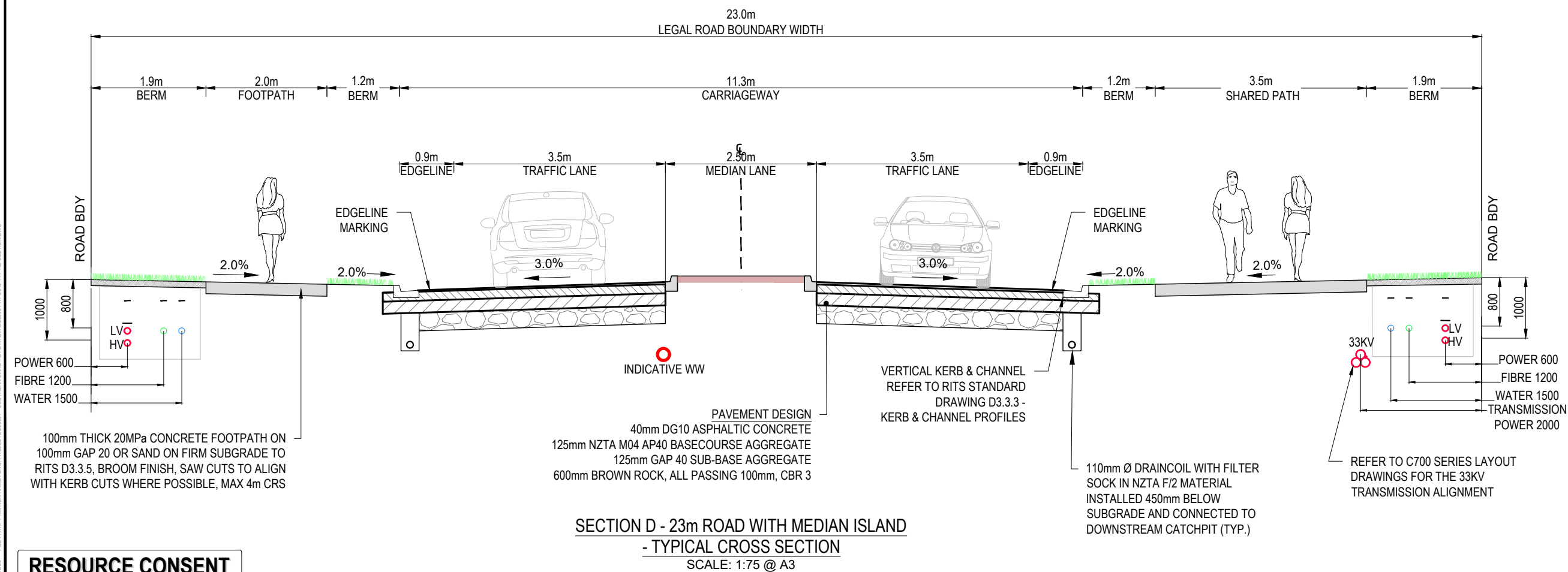
Title
**PROPOSED
ROAD TIE IN
PLAN**

Project no.	298001-R1 SL1
Scale	1:500 @ A3
Cad file	298001-R1-C330 ROAD TIE IN.DWG
Drawing no.	R1-C330-3
Rev	A

DATE: 9/2/25 FILEPATH: F:\MVEN\HAM106 PROJECTS\298001 - SOUTHERN LINKS 1\B10\02\298001-R1-C340 TYP RD SECTION.DWG



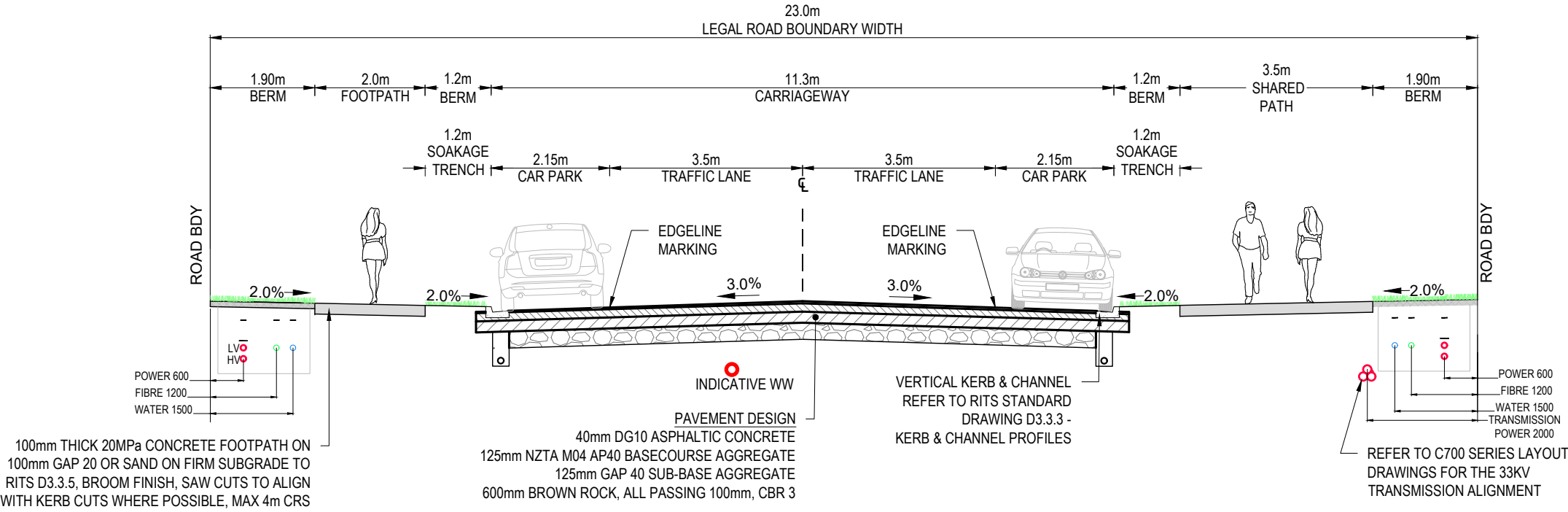
- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
 4. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE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



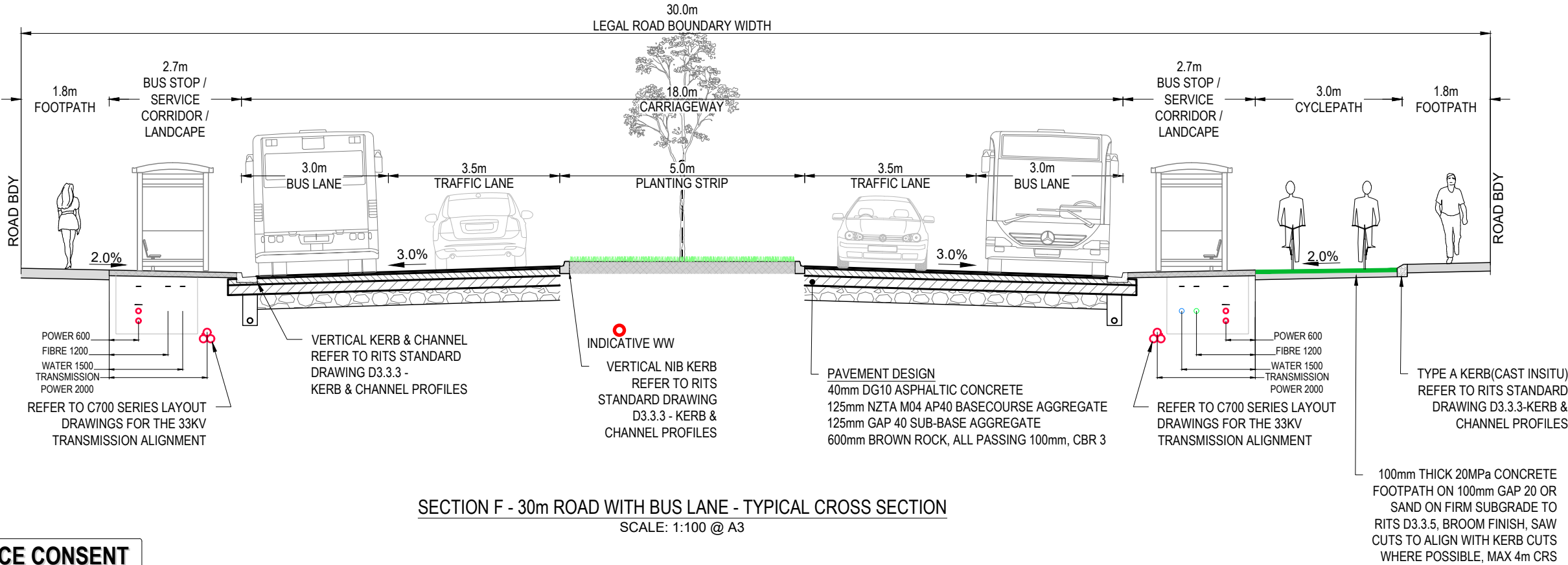
A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025
M MAVEN Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz Level 1 286 Victoria Street, Hamilton New Zealand			
Project			
SOUTHERN LINKS 1			
RESIDENTIAL STAGE 1			
HAMILTON, WAIKATO			
FOR			
SAXBY RD JV LIMITED			
Title			
PROPOSED			
TYPICAL ROAD			
CROSS SECTION			
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C340 TYP RD SECTION.DWG		
Drawing no.	R1-C340-2	Rev	A

RESOURCE CONSENT

DATE: 9/25 - FILEPATH: F:\MVEN\HAMILTON6 - SOUTHERN LINKS 1\B10\02\29001-R1-C340 TYP RD SECTION.DWG



SECTION E - 23m ROAD WITH PARKING LANE - TYPICAL CROSS SECTION
SCALE: 1:100 @ A3



SECTION F - 30m ROAD WITH BUS LANE - TYPICAL CROSS SECTION
SCALE: 1:100 @ A3

- 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.
 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/BEAM 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.

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



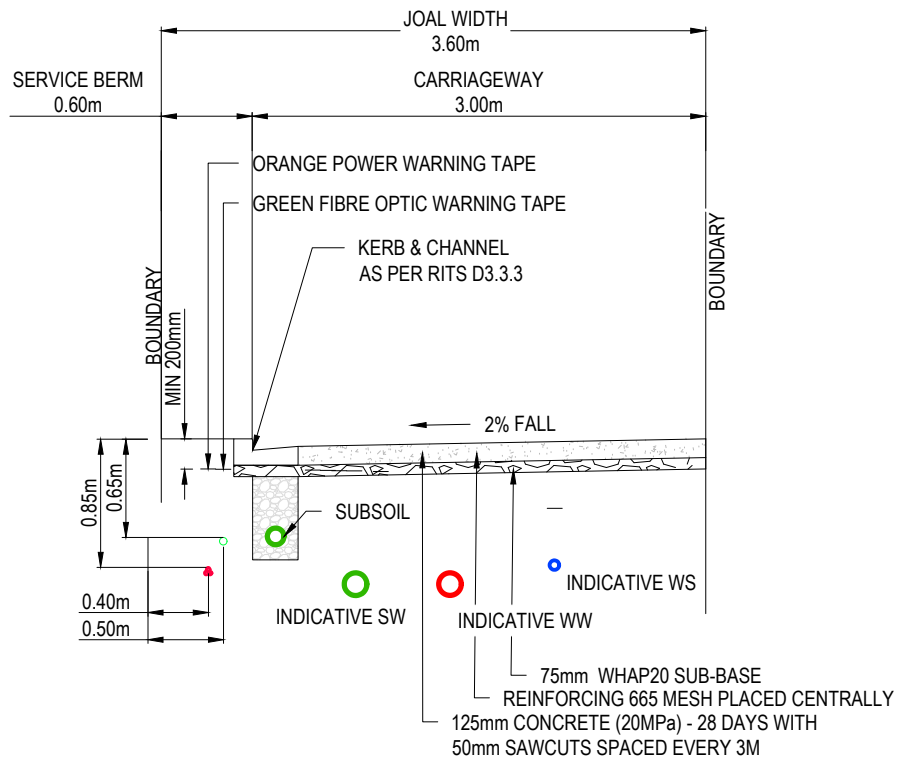
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
TYPICAL ROAD
CROSS SECTION**

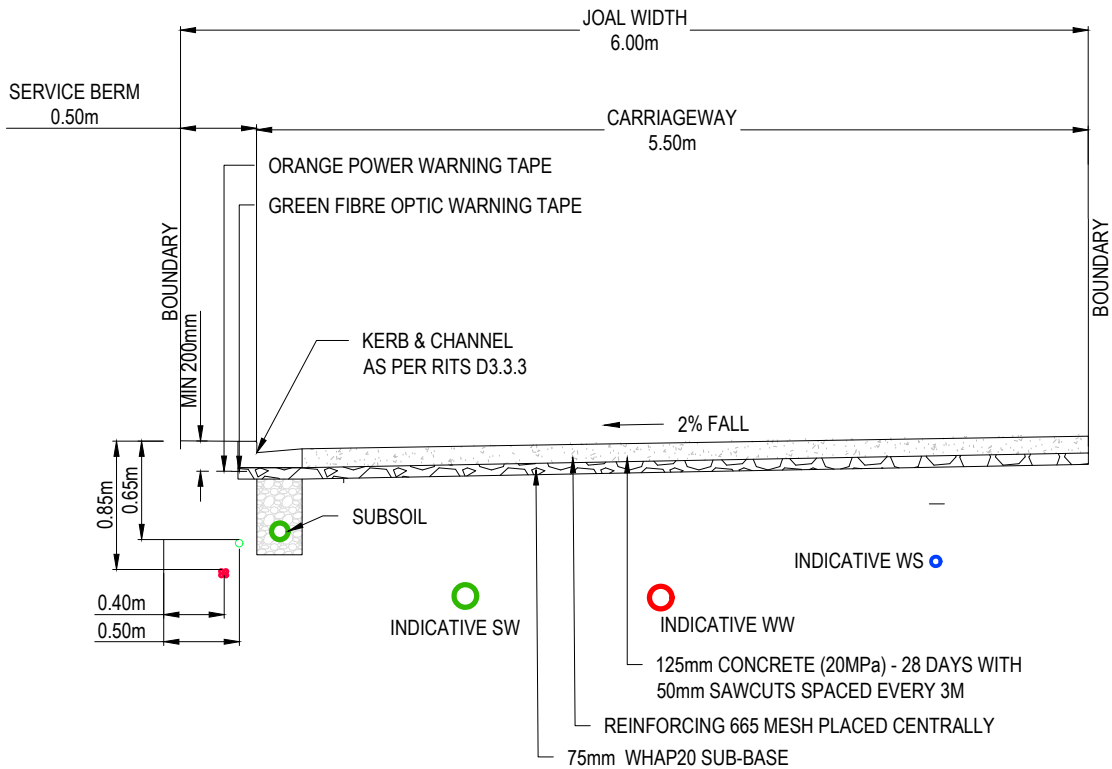
Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C340 TYP RD SECTION.DWG
Drawing no.	R1-C340-3
Rev	A

RESOURCE CONSENT

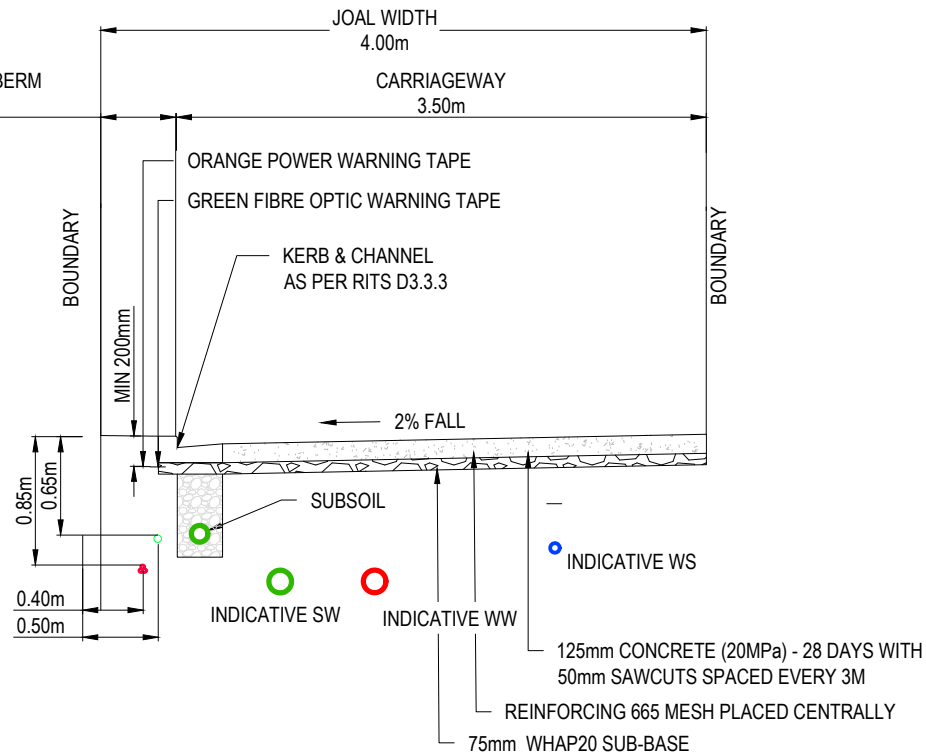
DATE: 9/2/25 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C340 TYP RD SECTION.DWG



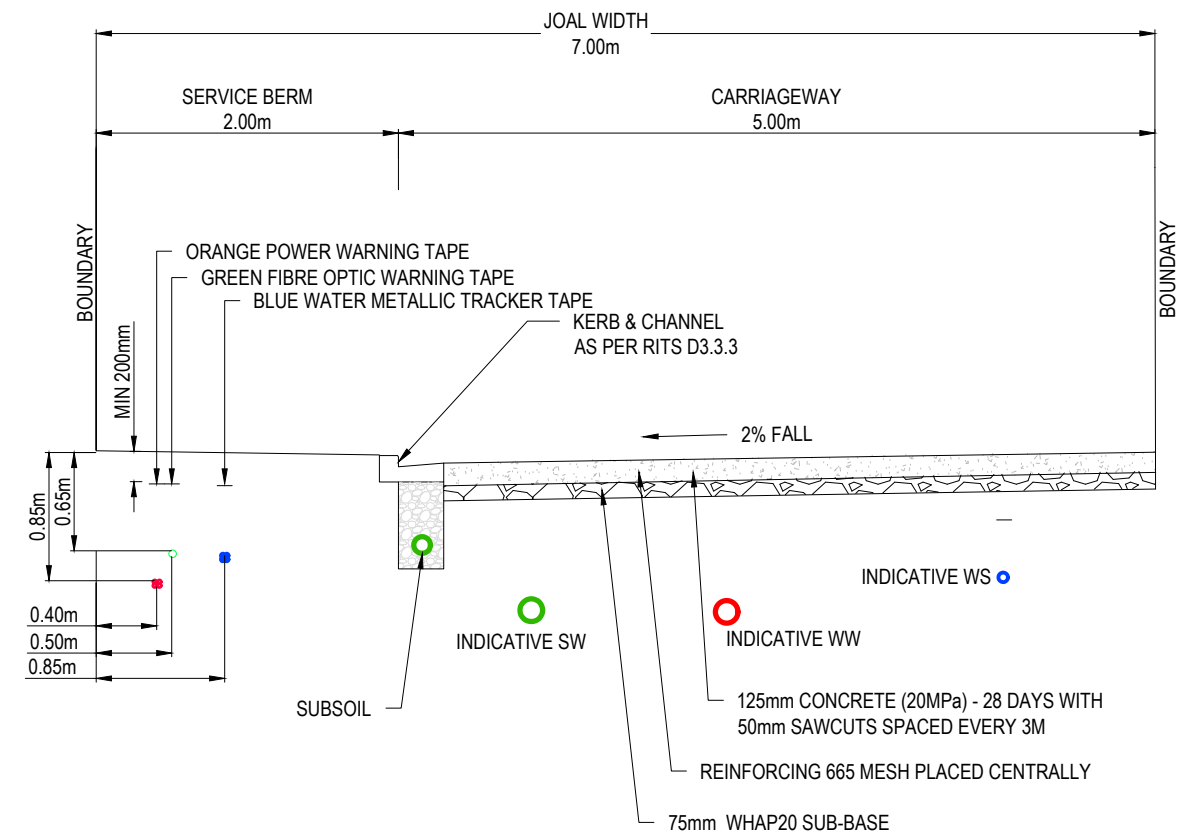
3m JOAL - TYPICAL CROSS SECTION
SCALE 1:50 @ A3



6m JOAL TYPICAL CROSS SECTION
SCALE @ A3 1:50



4m JOAL - TYPICAL CROSS SECTION
SCALE 1:50 @ A3



7m JOAL TYPICAL CROSS SECTION
SCALE @ A3 1:50

- 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.
 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.

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



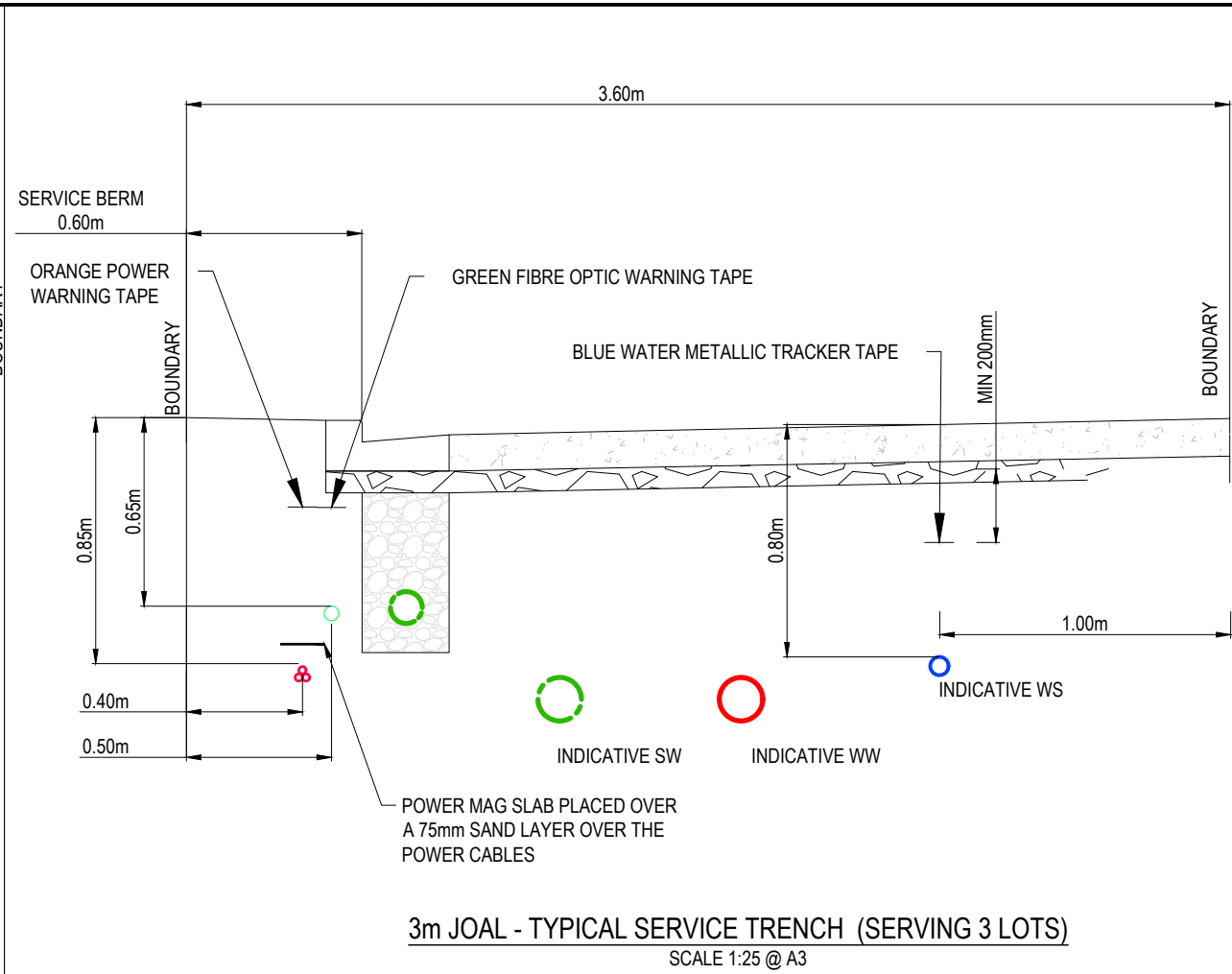
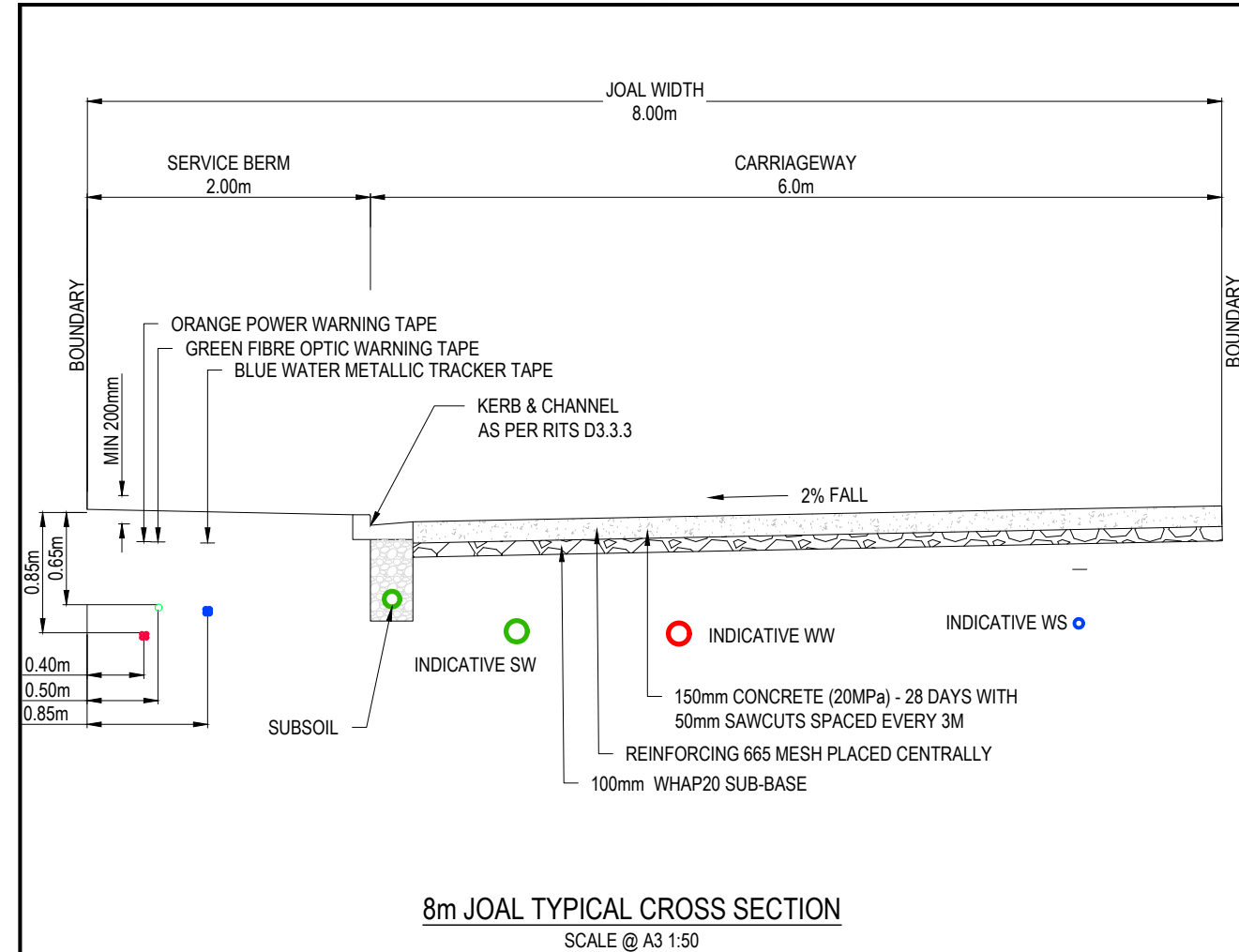
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
TYPICAL JOAL
CROSS SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C340 TYP RD SECTION.DWG
Drawing no.	R1-C340-4
Rev	A

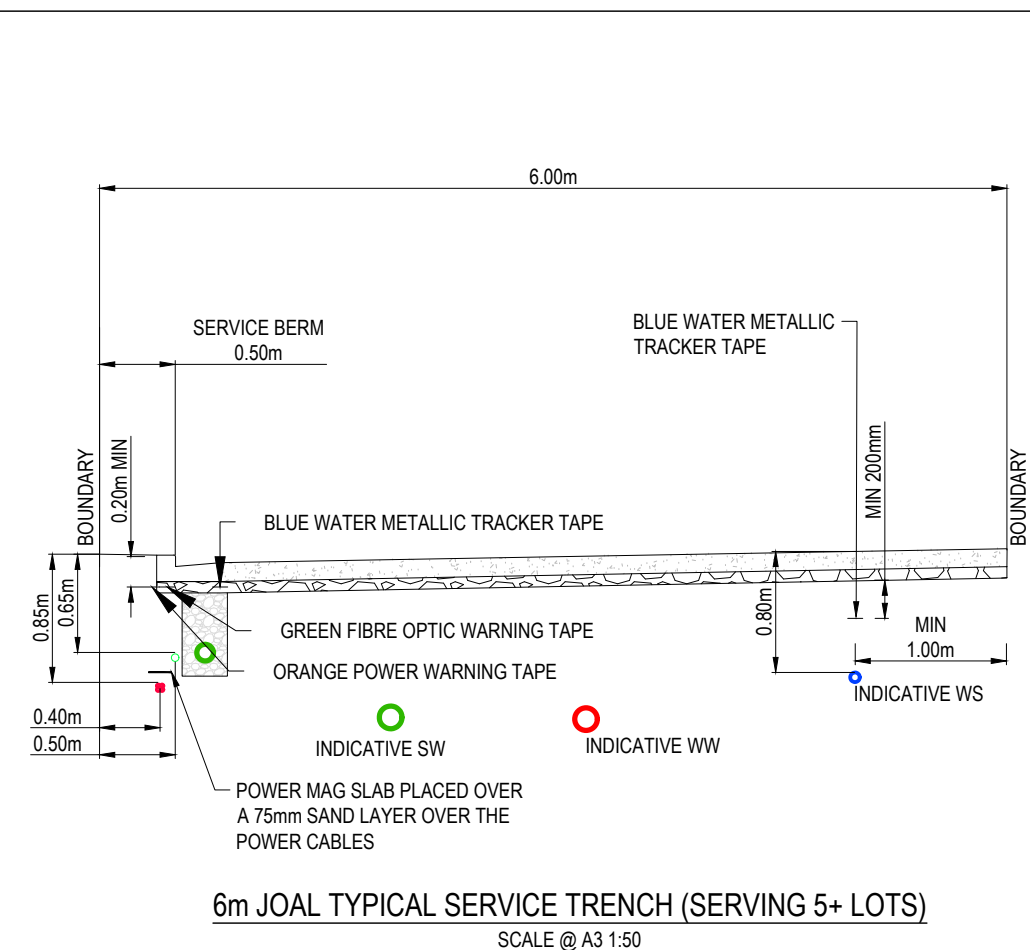
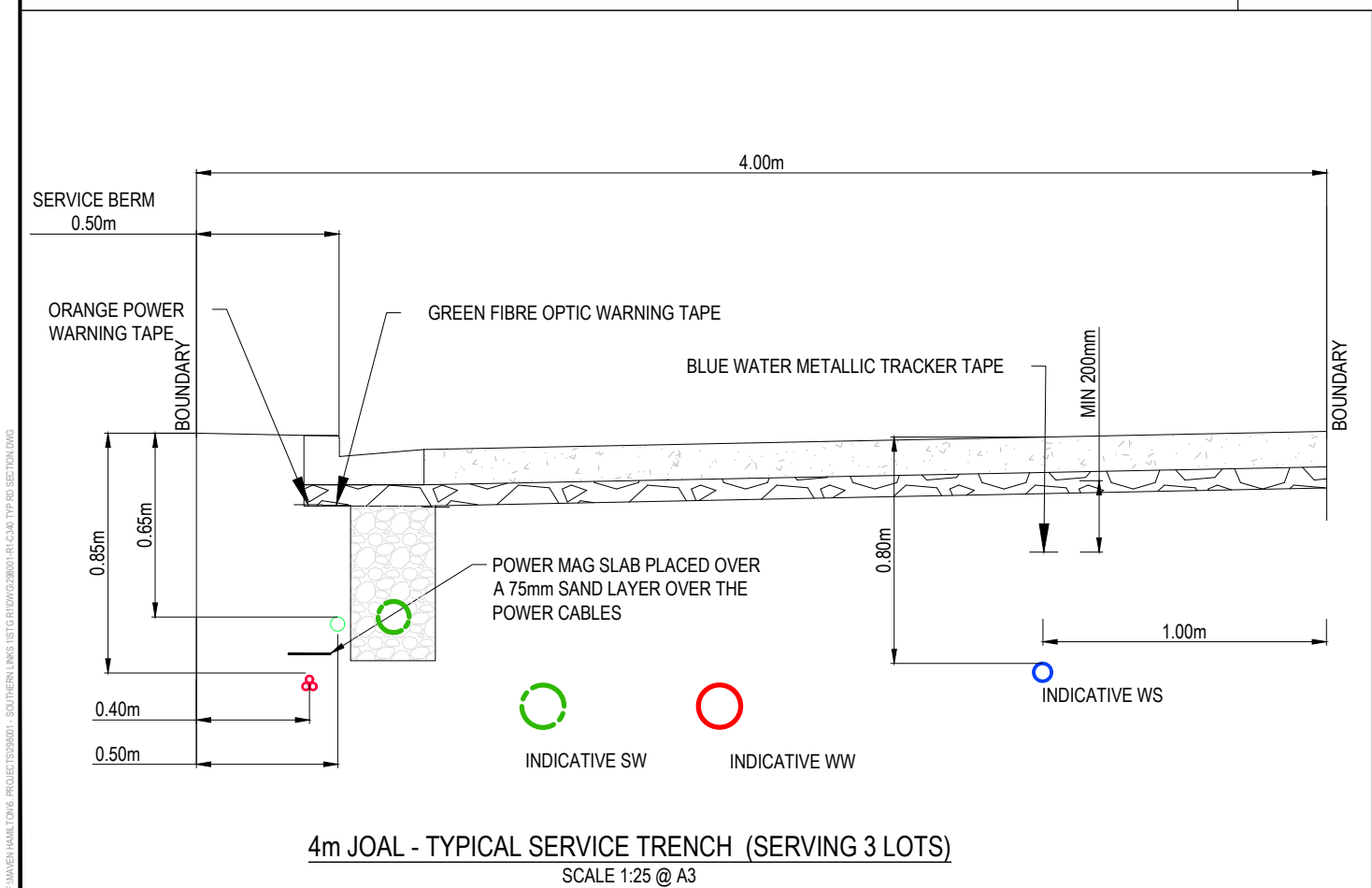
RESOURCE CONSENT

DATE: 9/2/25 FILEPATH: F:\MAVEN\HAMILTON6 - SOUTHERN LINKS 1\B10\G2\298001-R1-C340 TYP RD SECTION.DWG



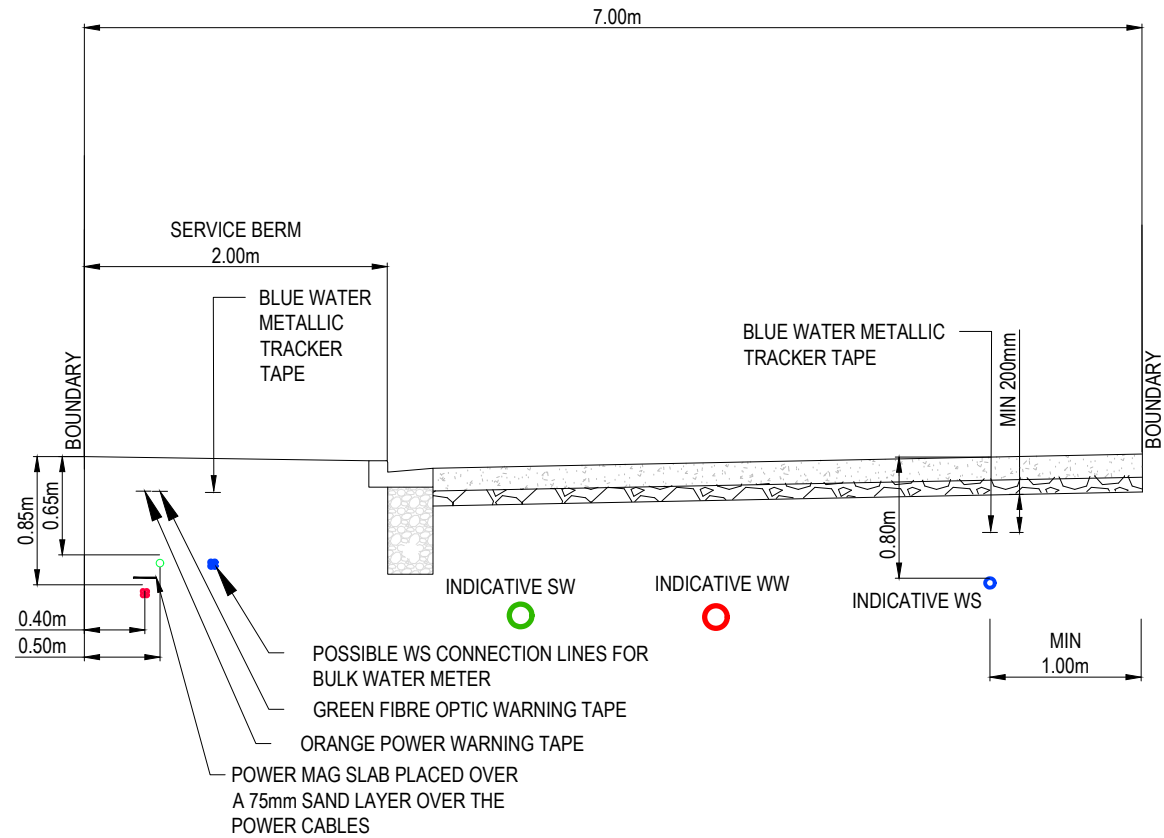
NOTES

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.
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/BEAM 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.



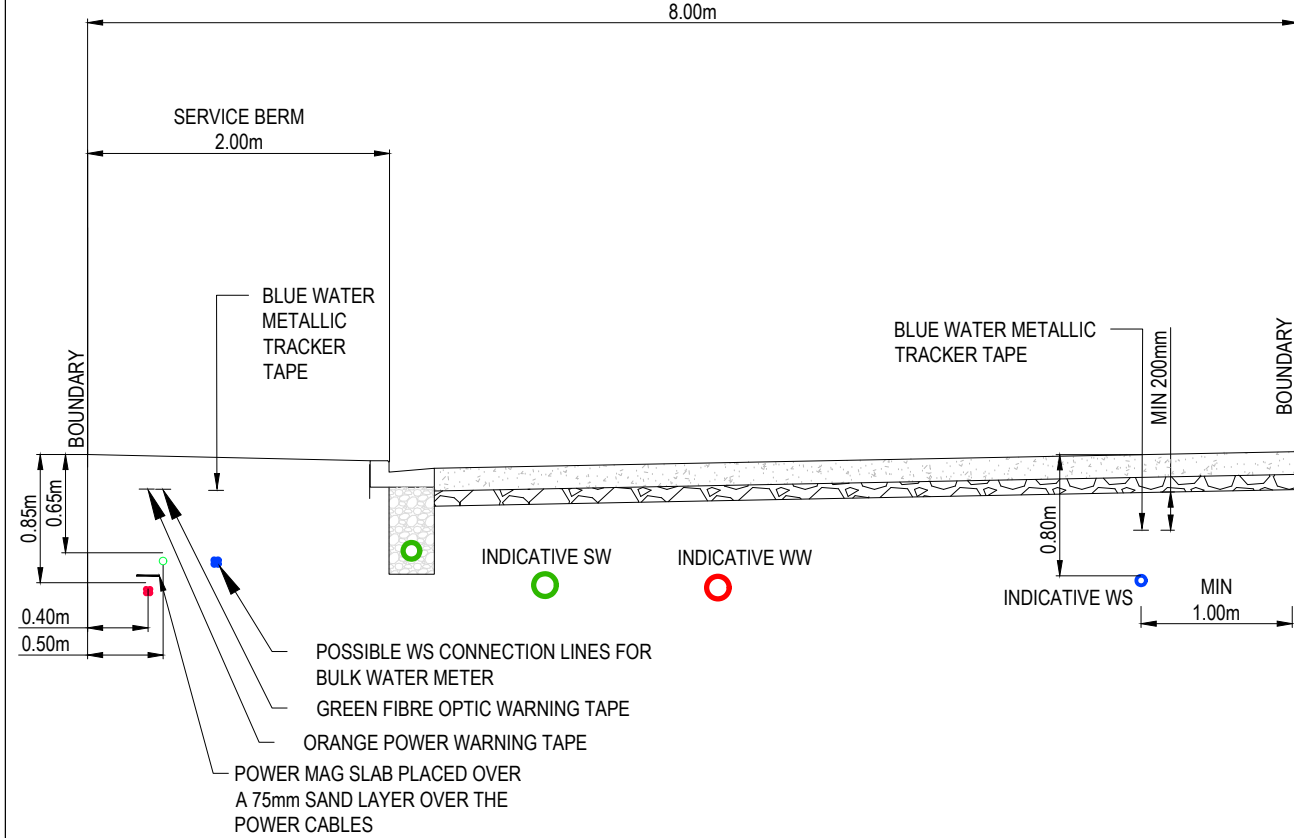
A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025
M MAVEN Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz Level 1 286 Victoria Street, Hamilton New Zealand			
Project			
SOUTHERN LINKS 1			
RESIDENTIAL STAGE 1			
HAMILTON, WAIKATO			
FOR			
SAXBY RD JV LIMITED			
Title			
PROPOSED			
TYPICAL JOAL			
CROSS SECTIONS			
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C340 TYP RD SECTION.DWG		
Drawing no.	R1-C340-5	Rev	A

RESOURCE CONSENT



7m JOAL TYPICAL SERVICE TRENCH (SERVING 5+ LOTS)

SCALE @ A3 1:50



8m JOAL TYPICAL SERVICE TRENCH (SERVING 5+ LOTS)

SCALE @ A3 1:50

- 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.
 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/B.EAM 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.

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	11/2025	
Checked	DJM	11/2025	

M **MAVEN** **Waikato**
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

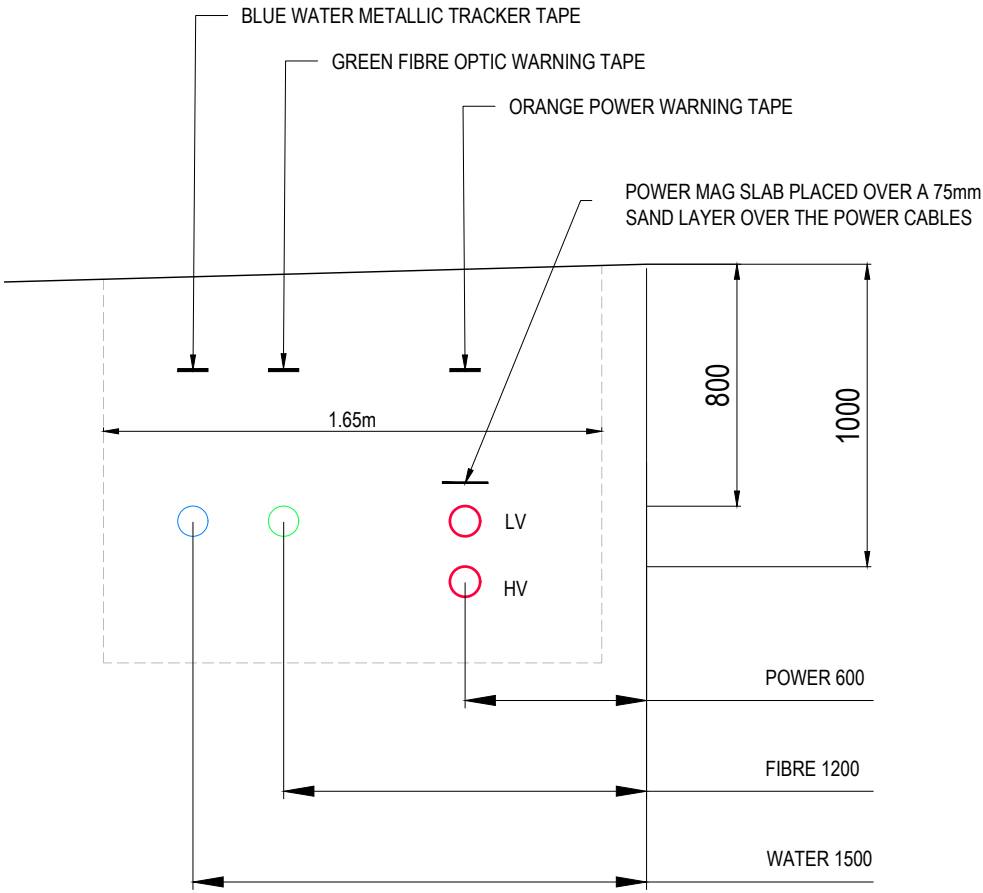
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
TYPICAL JOAL
CROSS SECTIONS**

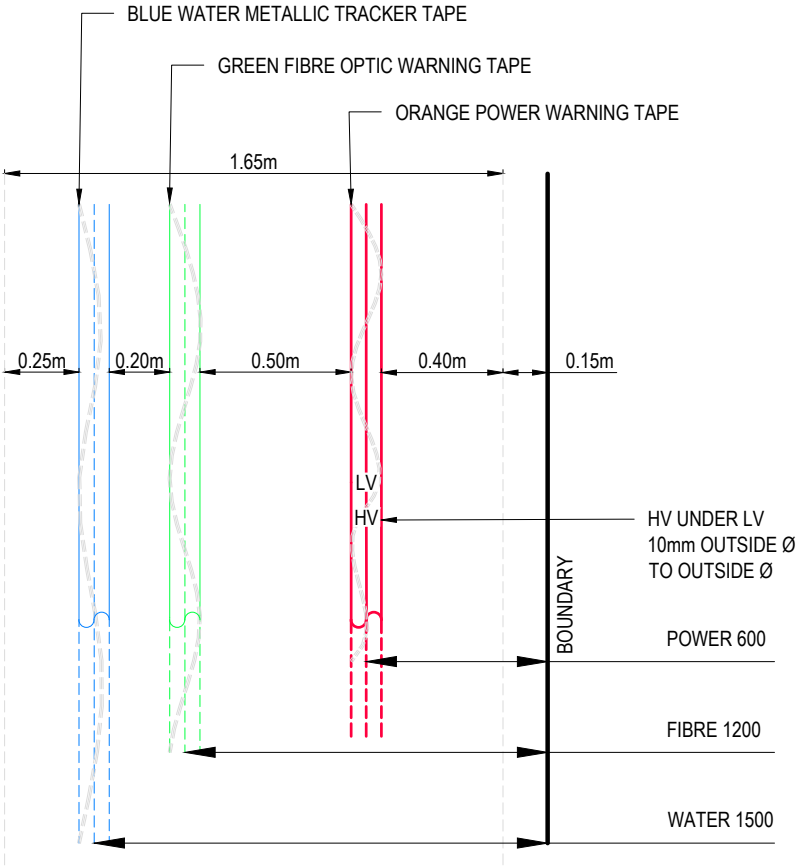
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C340 TYP RD SECTION.DWG		
Drawing no.	R1-C340-6	Rev	A

RESOURCE CONSENT

DATE: 9/2/25 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C340 TYP RD SECTION.DWG



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



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

- 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.
 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/B EAM 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.

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	11/2025	
Checked	DJM	11/2025	

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
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED TYPICAL
ROAD SERVICE TRENCH
CROSS SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C340 TYP RD SECTION.DWG
Drawing no.	R1-C340-7
Rev	A

RESOURCE CONSENT



SAXBYS ROAD

C360-4

RHONDA AVENUE

DEANWELL AVENUE

SAXBYS ROAD

C360-3

LESLIE PLACE

FORTH CRESCENT

C360-1

CAESAR ROOSE DRIVE

C360-5

C360-2

MACMURDO AVENUE

REWOLDS DRIVE

C360-6

C360-7

CROFT LANE

ROAD 3

ROAD 4

ROAD 5

ROAD 6

ROAD 11

ROAD 7

ROAD 8

ROAD 16

ROAD 9

COLLECTOR ROAD 1

COLLECTOR ROAD 2

ROAD 10

ROAD 15

ROAD 14

ROAD 12

ROAD 13

ROAD 17

ROAD 18

ROAD 19

ROAD 20

ROAD 21

ROAD 22

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 ???m. 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/BEAM 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.
 9. VEHICLE CROSSING TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE STATED.
 10. TRAFFIC SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH MOTSAM AND NZTA TCD MANUAL.
 11. CENTERLINE TYPE 1: 100mm SOLID LANE LINE
 12. CENTERLINE TYPE 2: 100mm DASHED 3-7 LANE LINE

Legend

	EX BDY
	PROP BDY
	ROAD CENTRELINE
	PROP STREET TREE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS
	NO STOPPING LINE
	WHITE LINE MARKING

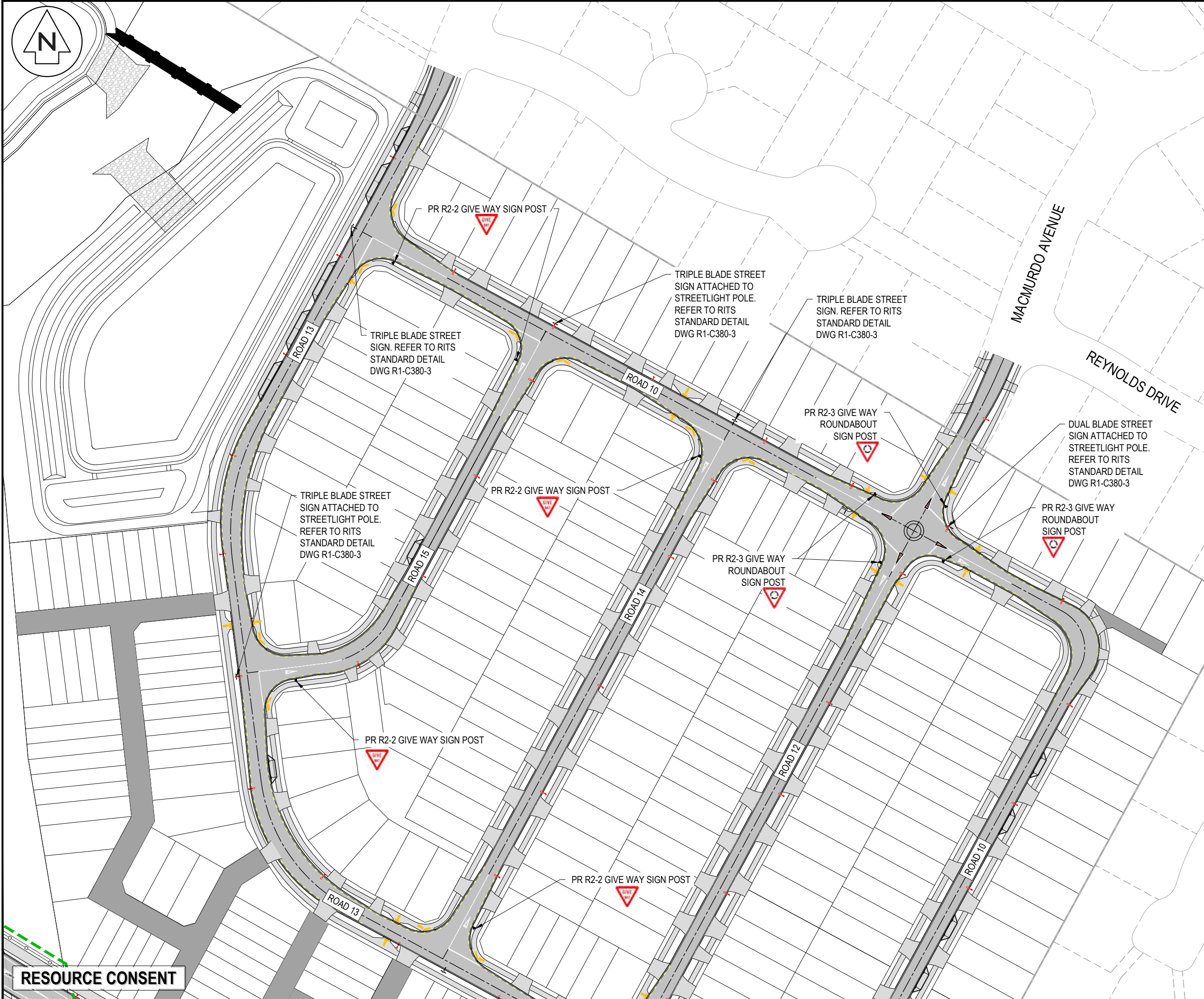
A	FAST TRACK APP	MA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025

 **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
SAXBY RD JV LIMITED**

Title
**PROPOSED
ROAD SIGNAGE AND
MARKING PLAN**

Project no.	298001-R1 SL1		
Scale	1:4000 @ A3		
Cad file	298001-R1-C360 RD MARKINGS.DWG		
Drawing no.	R1-C360	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 ???m. 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/BK/BEAM 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.
 9. VEHICLE CROSSING TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE STATED.
 10. TRAFFIC SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH MOTSAM AND NZTA TCD MANUAL.
 11. CENTERLINE TYPE 1: 100mm SOLID LANE LINE
 12. CENTERLINE TYPE 2: 100mm DASHED 3-7 LANE LINE

Legend

	EX BDY
	PROP BDY
	ROAD CENTRELINE
	PROP STREET TREE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS
	NO STOPPING LINE
	WHITE LINE MARKING

A	FAST TRACK APP	MA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025

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
SAXBY RD JV LIMITED**

Title
**PROPOSED
ROAD SIGNAGE AND
MARKING PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C360 RD MARKINGS.DWG
Drawing no.	R1-C360-1
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
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING ???m. 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.
 9. VEHICLE CROSSING TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE STATED.
 10. TRAFFIC SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH MOTSAM AND NZTA TCD MANUAL.
 11. CENTERLINE TYPE 1: 100mm SOLID LANE LINE
 12. CENTERLINE TYPE 2: 100mm DASHED 3-7 LANE LINE

Legend

- EX BDY
- PROP BDY
- ROAD CENTRELINE
- PROP STREET TREE
- PROP STREET LIGHT
- PROP STREET SIGN
- ROAD NAME SIGN
- TACTILE PAVERS
- NO STOPPING LINE
- WHITE LINE MARKING

A	FAST TRACK APP	MA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025

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
 SAXBY RD JV LIMITED**

Title
**PROPOSED
 ROAD SIGNAGE AND
 MARKING PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C360 RD MARKINGS.DWG
Drawing no.	R1-C360-2
Rev	A



SAXSBY ROAD

PR R2-2 GIVE WAY SIGN POST

PR R2-3 GIVE WAY ROUNDABOUT SIGN POST

DUAL BLADE STREET SIGN ATTACHED TO STREETLIGHT POLE. REFER TO RITS STANDARD DETAIL DWG R1-C380-3

ROAD 3

PR R2-2 GIVE WAY SIGN POST

PR R2-3 GIVE WAY ROUNDABOUT SIGN POST

ROAD 17

PR R2-2 GIVE WAY SIGN POST

SINGLE BLADE STREET SIGN ATTACHED TO STREETLIGHT POLE. REFER TO RITS STANDARD DETAIL DWG R1-C380-3

PR R2-2 GIVE WAY SIGN POST

PR R2-2 GIVE WAY SIGN POST

PR R2-2 GIVE WAY SIGN POST

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 777m. 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.
9. VEHICLE CROSSING TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE STATED.
10. TRAFFIC SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH MOTSAM AND NZTA TCD MANUAL.
11. CENTERLINE TYPE 1: 100mm SOLID LANE LINE
12. CENTERLINE TYPE 2: 100mm DASHED 3-7 LANE LINE

Legend

- EX BDY
PROP BDY
ROAD CENTRELINE
PROP STREET TREE
PROP STREET LIGHT
PROP STREET SIGN
ROAD NAME SIGN
TACTILE PAVERS
NO STOPPING LINE
WHITE LINE MARKING

A	FAST TRACK APP	MA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025

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
SAXSBY RD JV LIMITED**

Title
**PROPOSED
ROAD SIGNAGE AND
MARKING PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C360 RD MARKINGS.DWG
Drawing no.	R1-C360-3
Rev	A



DATE: 9/2/25 FILEPATH: F:\MVEN\HAMILTON\6 PROJECTS\298001 - SOUTHERN LINKS 1\STG1\RD MARKINGS\DWG

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 ???m. 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/BEAM 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.
 9. VEHICLE CROSSING TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE STATED.
 10. TRAFFIC SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH MOTSAM AND NZTA TCD MANUAL.
 11. CENTERLINE TYPE 1: 100mm SOLID LANE LINE
 12. CENTERLINE TYPE 2: 100mm DASHED 3-7 LANE LINE

Legend	
	EX BDY
	PROP BDY
	ROAD CENTRELINE
	PROP STREET TREE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS
	NO STOPPING LINE
	WHITE LINE MARKING

A	FAST TRACK APP	MA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025



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
SAXBY RD JV LIMITED**

Title
**PROPOSED
ROAD SIGNAGE AND
MARKING PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C360 RD MARKINGS.DWG
Drawing no.	R1-C360-4
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 ???m. 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.
 9. VEHICLE CROSSING TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE STATED.
 10. TRAFFIC SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH MOTSAM AND NZTA TCD MANUAL.
 11. CENTERLINE TYPE 1: 100mm SOLID LANE LINE
 12. CENTERLINE TYPE 2: 100mm DASHED 3-7 LANE LINE

Legend

	EX BDY
	PROP BDY
	ROAD CENTRELINE
	PROP STREET TREE
	PROP STREET LIGHT
	PROP STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS
	NO STOPPING LINE
	WHITE LINE MARKING

A	FAST TRACK APP	MA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025



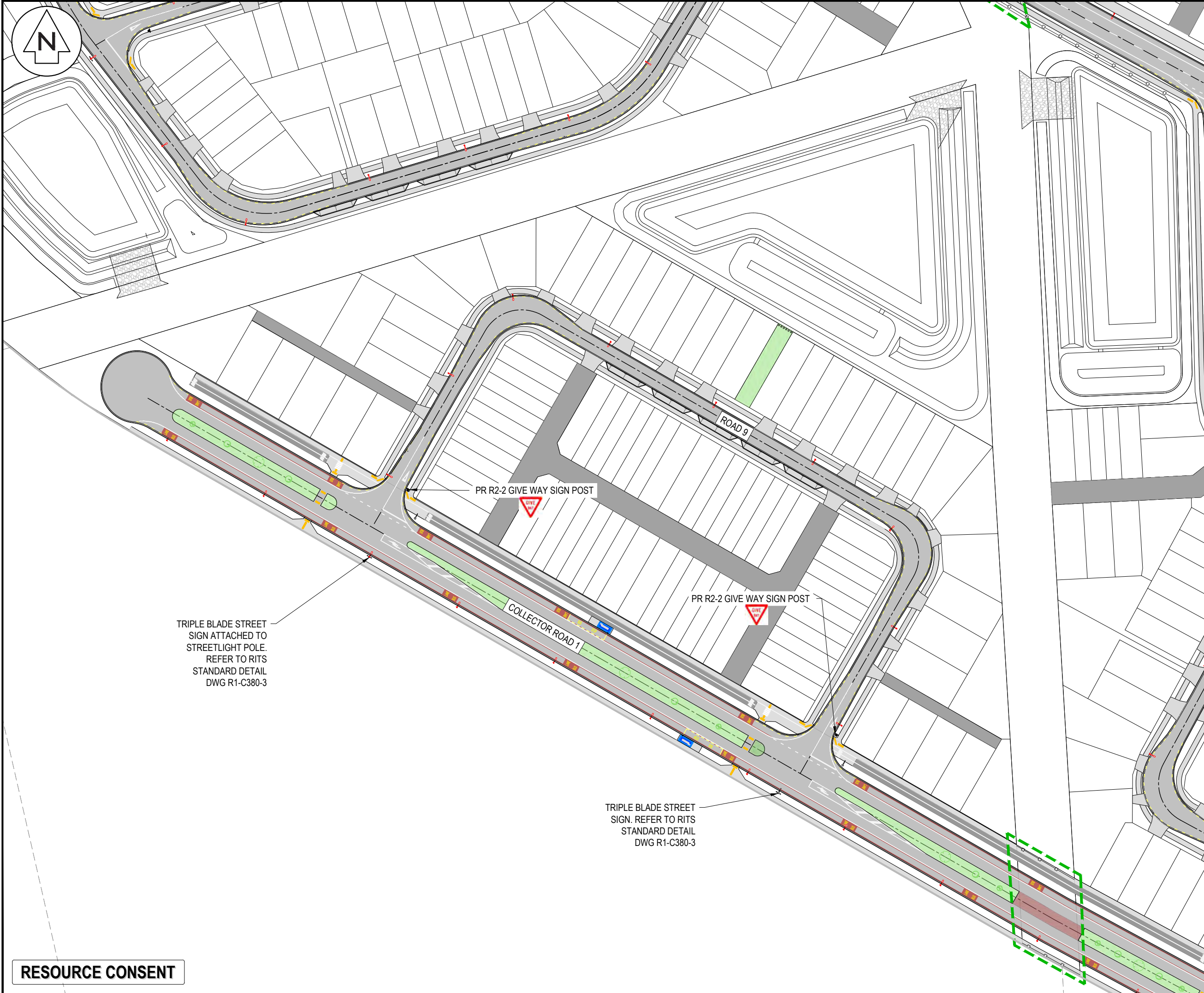
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
ROAD SIGNAGE AND
MARKING PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C360 RD MARKINGS.DWG
Drawing no.	R1-C360-5
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 ???m. 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/BREAM 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.
9. VEHICLE CROSSING TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE STATED.
10. TRAFFIC SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH MOTSAM AND NZTA TCD MANUAL.
11. CENTERLINE TYPE 1: 100mm SOLID LANE LINE
12. CENTERLINE TYPE 2: 100mm DASHED 3-7 LANE LINE

Legend

---	EX BDY
---	PROP BDY
---	ROAD CENTRELINE
---	PROP STREET TREE
---	PROP STREET LIGHT
---	PROP STREET SIGN
---	ROAD NAME SIGN
---	TACTILE PAVERS
---	NO STOPPING LINE
---	WHITE LINE MARKING

A	FAST TRACK APP	MA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025

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
SAXBY RD JV LIMITED**

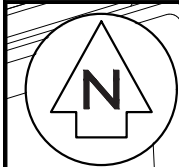
Title

**PROPOSED
ROAD SIGNAGE AND
MARKING PLAN**

Project no.	298001-R1 SL1		
Scale	1:1250 @ A3		
Cad file	298001-R1-C360 RD MARKINGS.DWG		
Drawing no.	R1-C360-6	Rev	A

DATE: 9/25 FILEPATH: F:\MVEN\HAMILTON\6. PROJECTS\298001 - SOUTHERN LINKS 1\STG1\RD MARKINGS.DWG

RESOURCE CONSENT



DUAL BLADE STREET SIGN
ATTACHED TO STREETLIGHT
POLE. REFER TO RITS
STANDARD DETAIL DWG
R1-C380-3

SINGLE BLADE STREET SIGN
ATTACHED TO STREETLIGHT
POLE. REFER TO RITS
STANDARD DETAIL DWG
R1-C380-3

DUAL BLADE STREET SIGN
ATTACHED TO STREETLIGHT
POLE. REFER TO RITS
STANDARD DETAIL DWG
R1-C380-3

PR R2-3 GIVE WAY ROUNDABOUT SIGN POST

PR R2-2 GIVE WAY SIGN POST

DUAL BLADE STREET
SIGN ATTACHED TO
STREETLIGHT POLE.
REFER TO RITS
STANDARD DETAIL
DWG R1-C380-3

PR R2-2 GIVE WAY SIGN POST

SINGLE BLADE STREET SIGN
ATTACHED TO STREETLIGHT
POLE. REFER TO RITS
STANDARD DETAIL DWG
R1-C380-3

PR R2-2 GIVE WAY SIGN POST

DUAL BLADE STREET
SIGN ATTACHED TO
STREETLIGHT POLE.
REFER TO RITS
STANDARD DETAIL
DWG R1-C380-3

PR R2-2 GIVE WAY SIGN POST

PR R2-2 GIVE WAY SIGN POST

TRIPLE BLADE STREET
SIGN. REFER TO RITS
STANDARD DETAIL
DWG R1-C380-3

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 777m. 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.
9. VEHICLE CROSSING TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE STATED.
10. TRAFFIC SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH MOTSAM AND NZTA TCD MANUAL.
11. CENTERLINE TYPE 1: 100mm SOLID LANE LINE
12. CENTERLINE TYPE 2: 100mm DASHED 3-7 LANE LINE

Legend

- EX BDY
PROP BDY
ROAD CENTRELINE
PROP STREET TREE
PROP STREET LIGHT
PROP STREET SIGN
ROAD NAME SIGN
TACTILE PAVERS
NO STOPPING LINE
WHITE LINE MARKING

A	FAST TRACK APP	MA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025



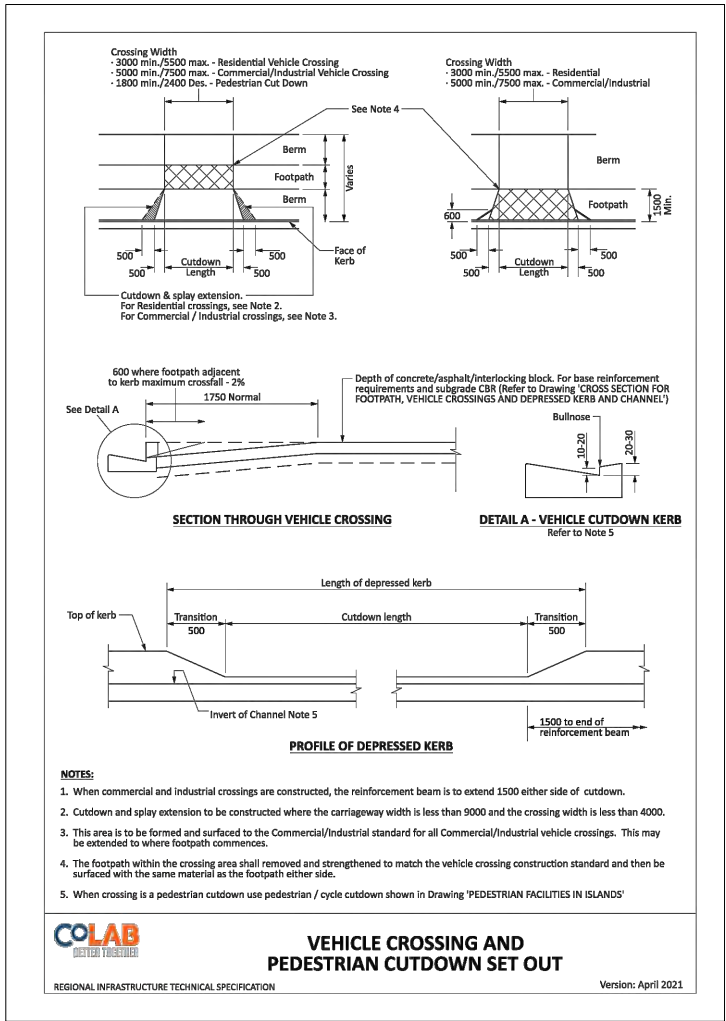
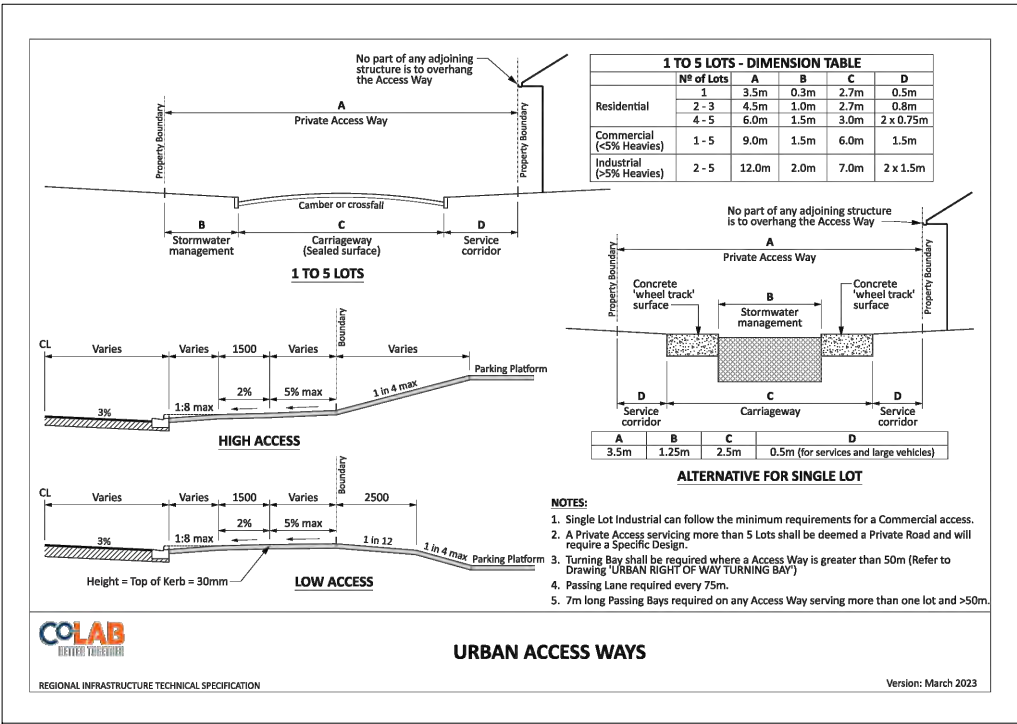
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

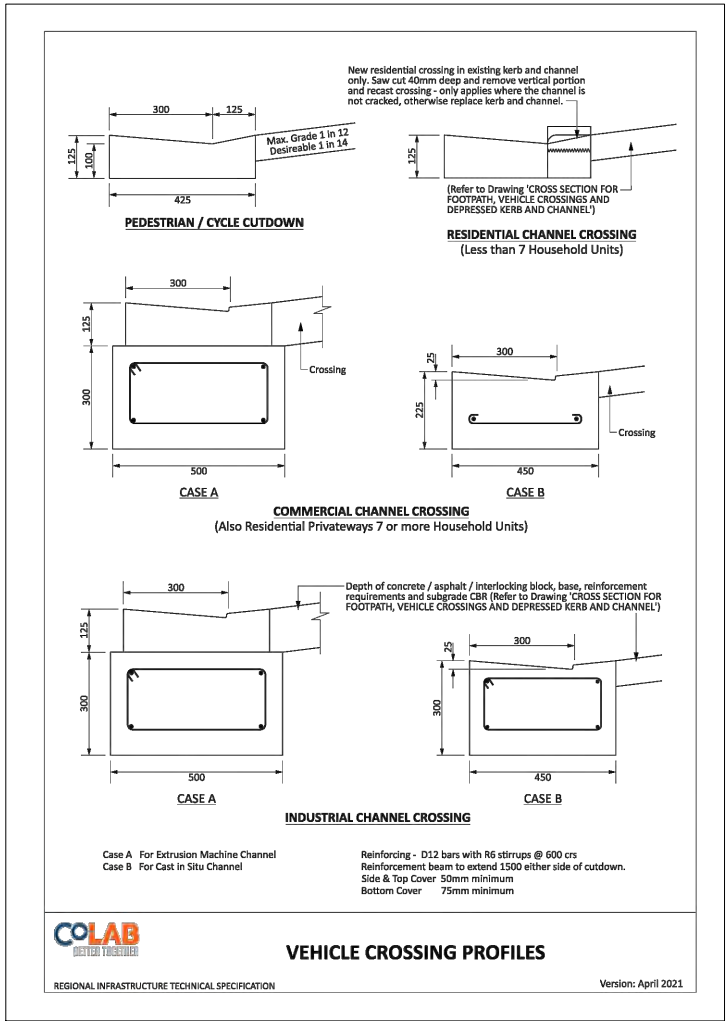
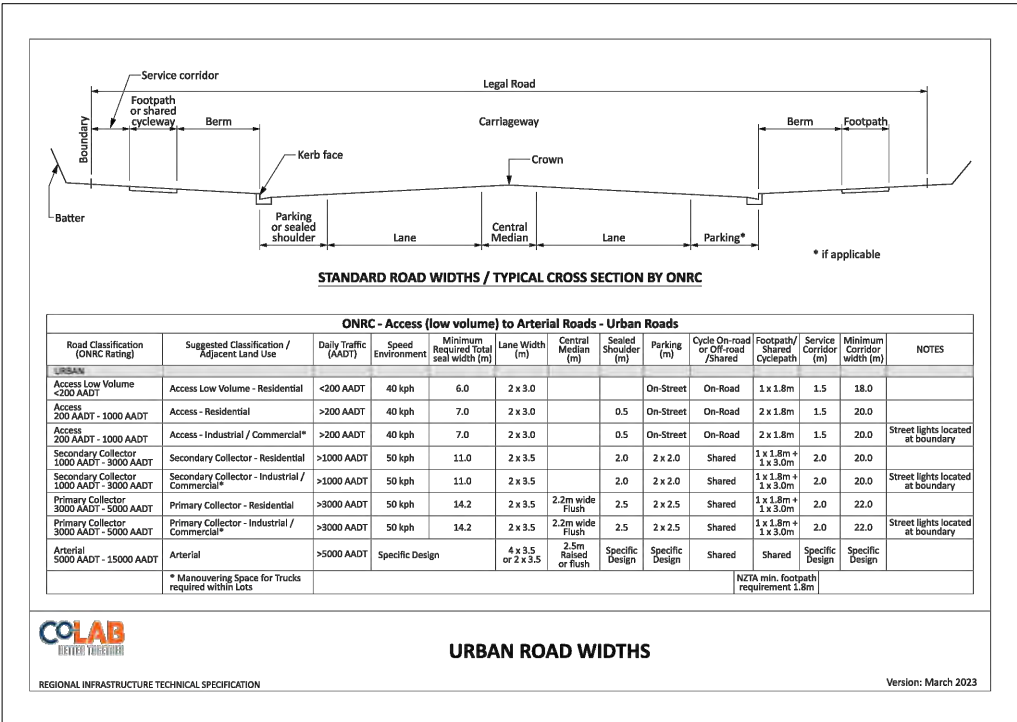
Title
**PROPOSED
ROAD SIGNAGE AND
MARKING PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C360 RD MARKINGS.DWG
Drawing no.	R1-C360-7
Rev	A

DATE: 6/9/26 FILEPATH: F:\MAVEN\HAMILTON\6 - PROJECTS\298001-R1-C380 RD STANDARD DETAILS.DWG

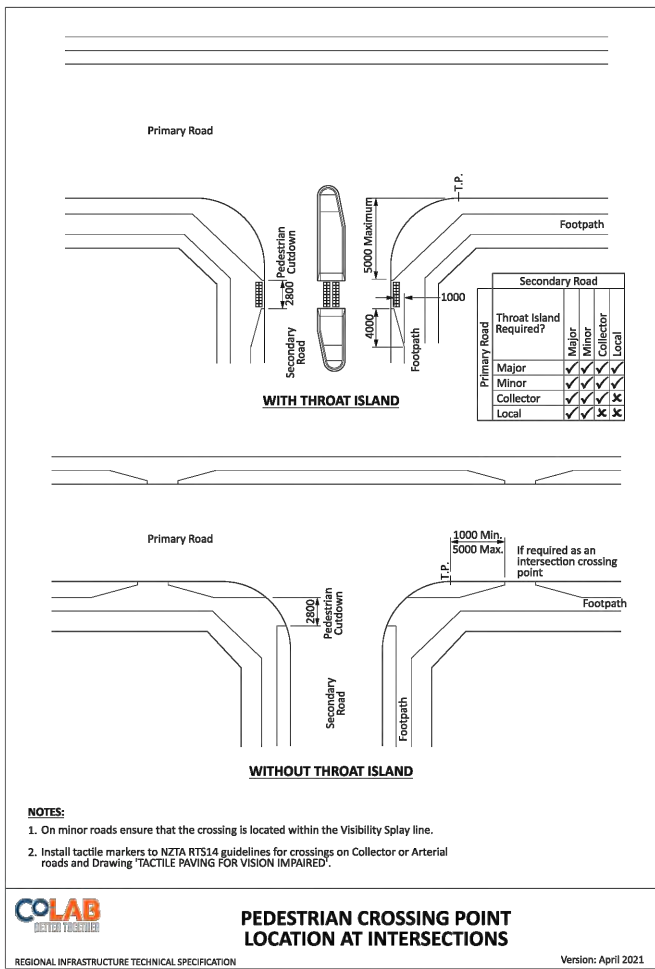
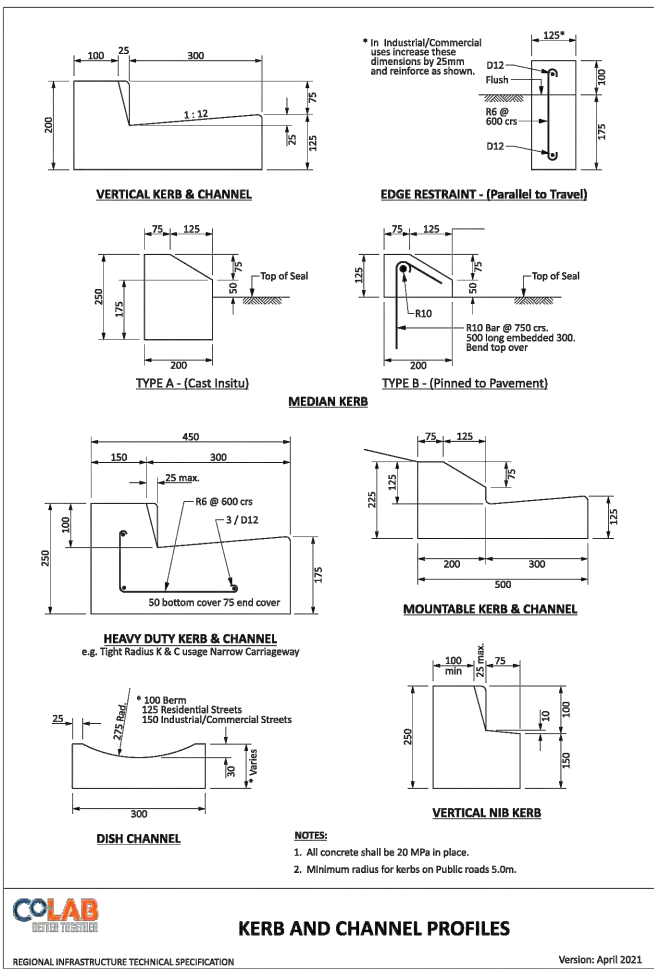


- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
 4. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE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

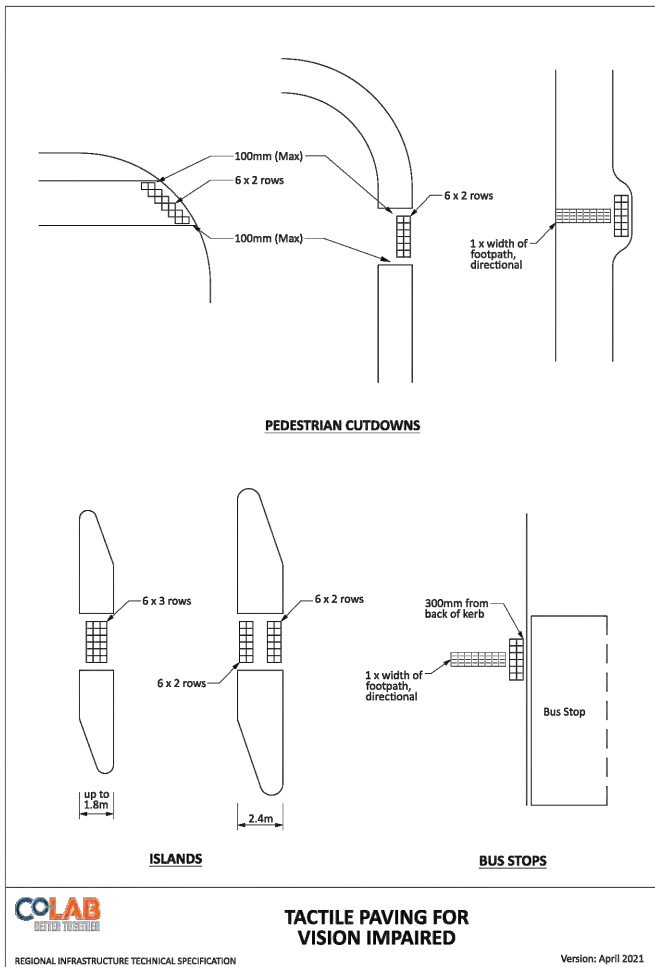
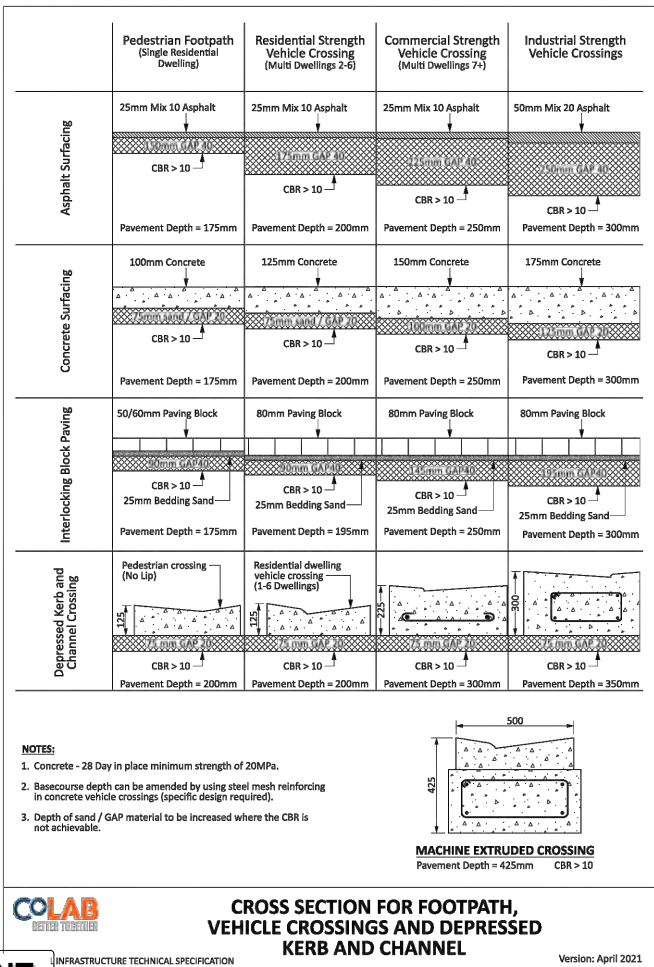


RESOURCE CONSENT

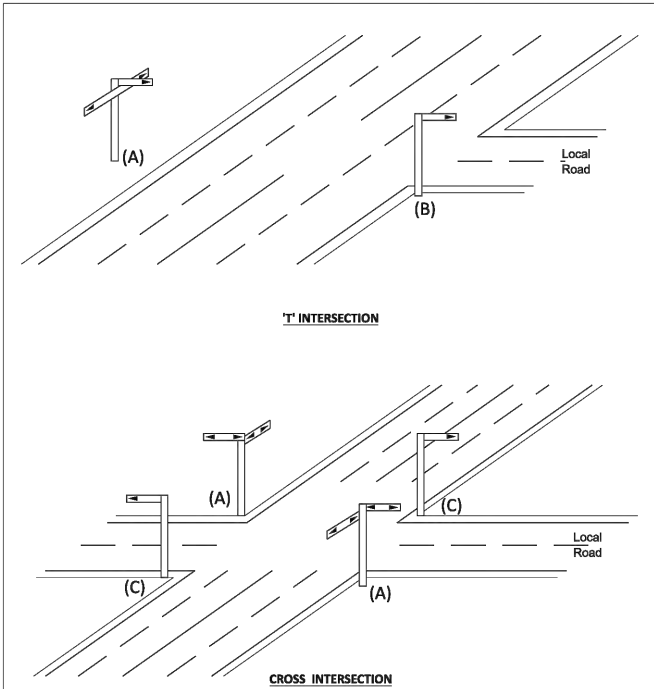
A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025
M MAVEN Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz Level 1 286 Victoria Street, Hamilton New Zealand			
Project			
SOUTHERN LINKS 1			
RESIDENTIAL STAGE 1			
HAMILTON, WAIKATO			
FOR			
SAXBY RD JV LIMITED			
Title			
PROPOSED			
ROADING			
STANDARD DETAILS			
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C380 RD STANDARD DETAILS.DWG		
Drawing no.	R1-C380-1	Rev	A



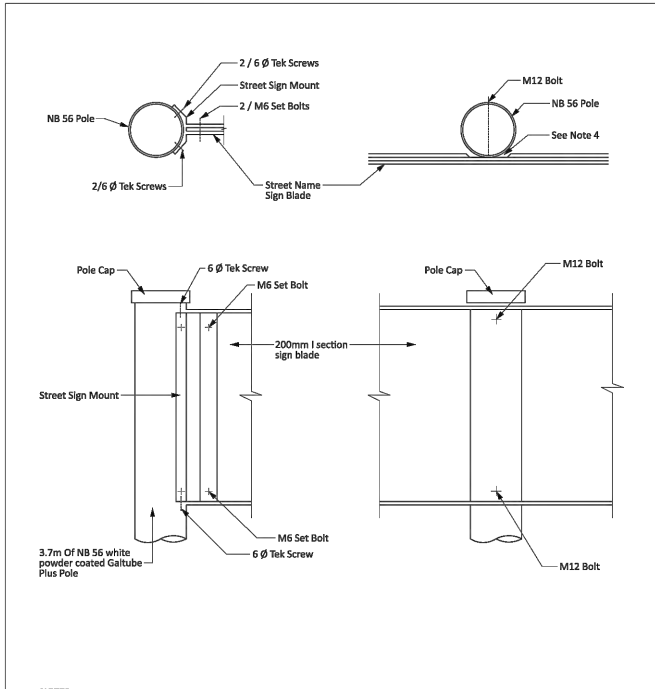
- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016. BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
 4. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE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



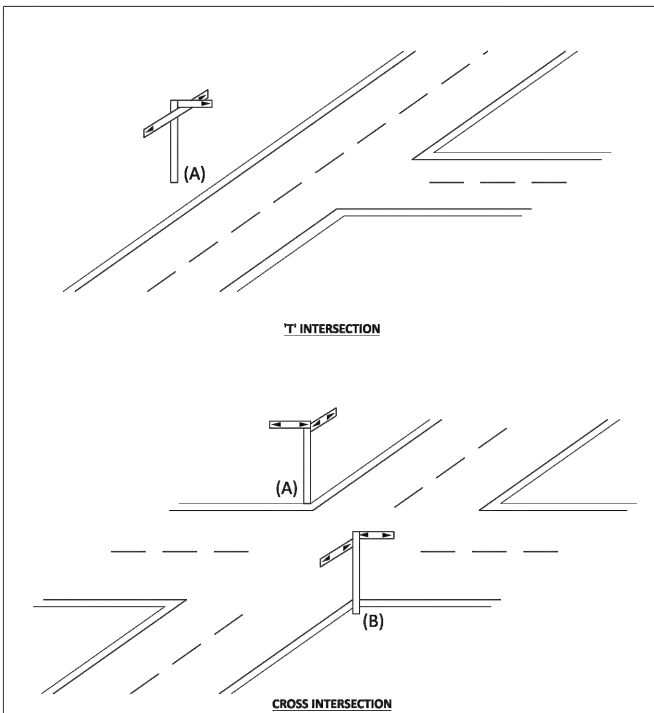
A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025
M MAVEN Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz Level 1 286 Victoria Street, Hamilton New Zealand			
Project SOUTHERN LINKS 1 RESIDENTIAL STAGE 1 HAMILTON, WAIKATO FOR SAXBY RD JV LIMITED			
Title PROPOSED ROADING STANDARD DETAILS			
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C380 RD STANDARD DETAILS.DWG		
Drawing no.	R1-C380-2	Rev	A



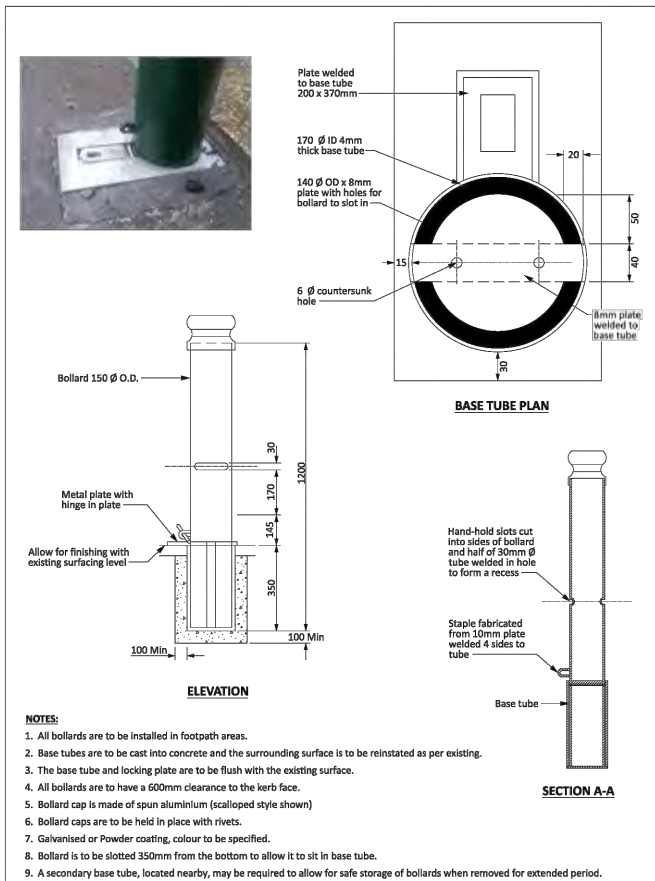
- NOTES:
1. Triangular arrows to be added to Street Name signs as indicated on diagrams (both side of signs).
 2. Signs should always be provided at location (A).
 3. At 'T' intersection, a sign only needs to be erected at location (B) when the carriageway is excessively wide or due to visibility constraints.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



- 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.



- 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).



- 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.

- 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.
 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/BEAM 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.

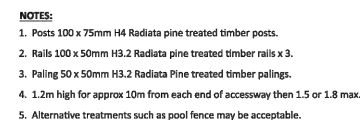
A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

M
M A V 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
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
ROADING
STANDARD DETAILS**

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



PEDESTRIAN ACCESSWAYS FENCE DETAIL

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



NOTES:

1. Sign to be double sided.
2. Sign to be mounted to the back of a bus stop / taxi pole.
3. Sign 200x200.
4. Symbol to suit sign.
5. Signs to comply with NZTA Traffic Control Devices Manual.

BUS STOP / TAXI SUPPLEMENT

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

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.
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/BEAM 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.



- NOTES:**
1. Concrete to have 20 MPa in place strength at 28 days.
 2. Concrete to be finished flush with surrounding surface.
 3. All pipe work to be galvanised.
 4. For PED handrail use alternative mounting detail.
 5. Above ground tubing to be powder coated white.



INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



STANDARD 3.5m BUS SHELTER FOUNDATION DETAIL

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

Maven
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

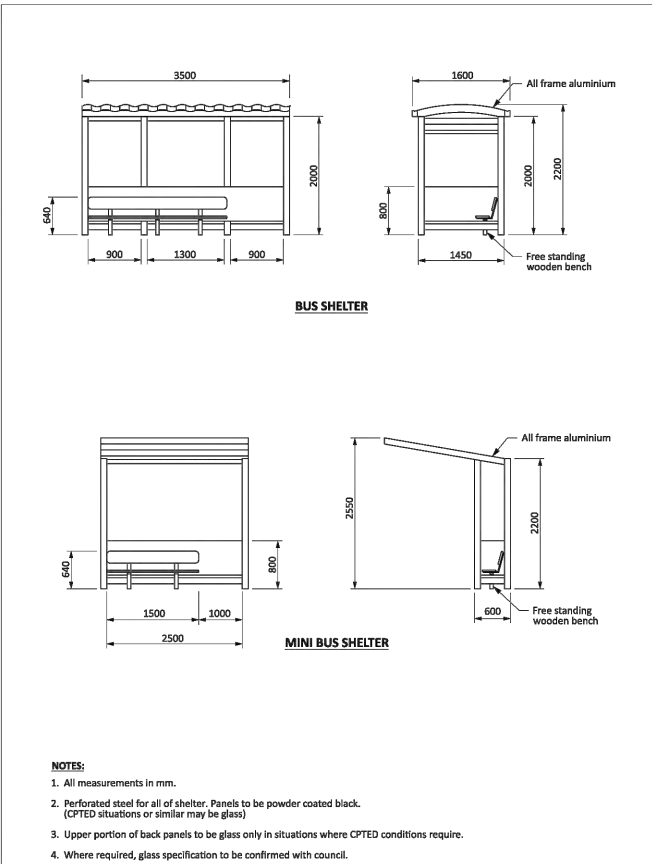
Project

**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title	
-------	--

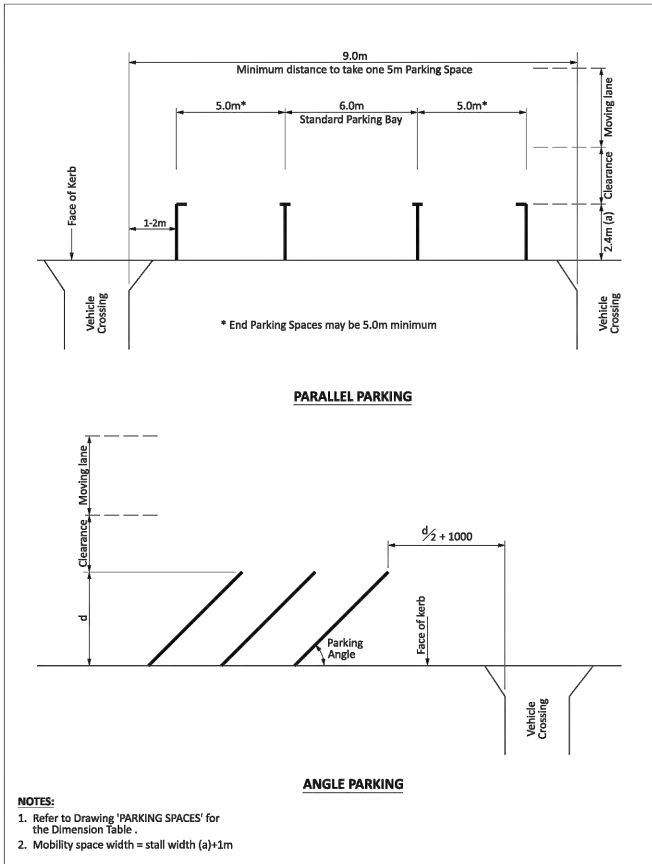
PROPOSED ROADING STANDARD DETAILS

Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C380 RD STANDARD DETAILS.DWG		
Drawing no.	R1-C380-4	Rev	A



BUS SHELTER AND MINI BUS SHELTER

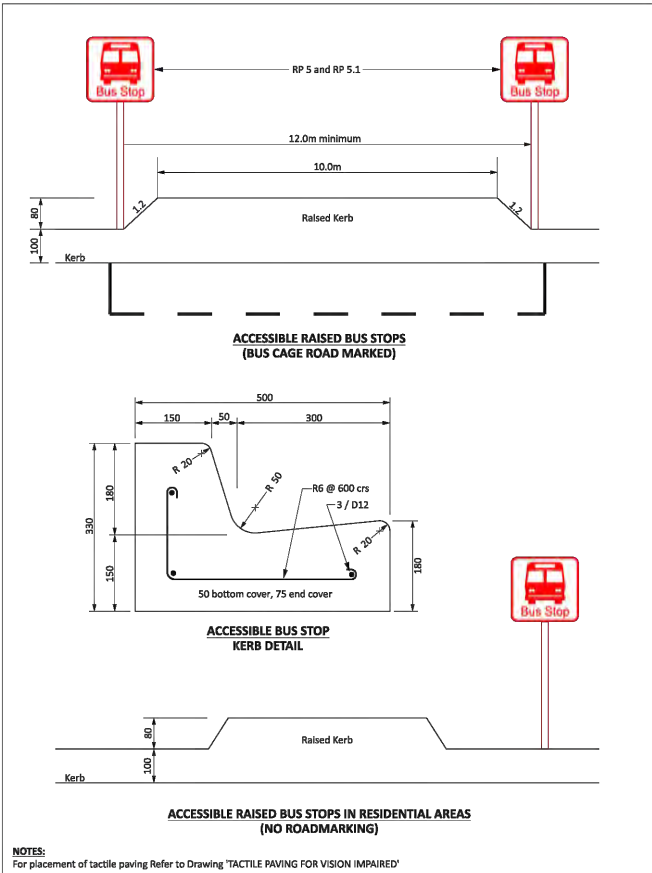
Version: April 2021



ON STREET PARKING DIMENSIONS AND SETOUT

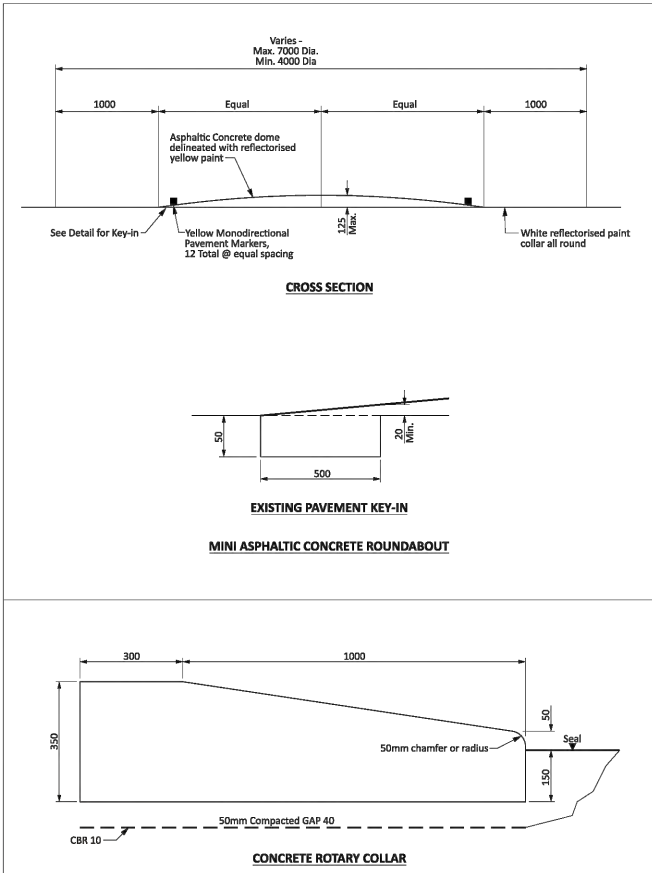
Version: April 2021

- 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.
 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/BEAM 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.



ACCESSIBLE BUS STOP

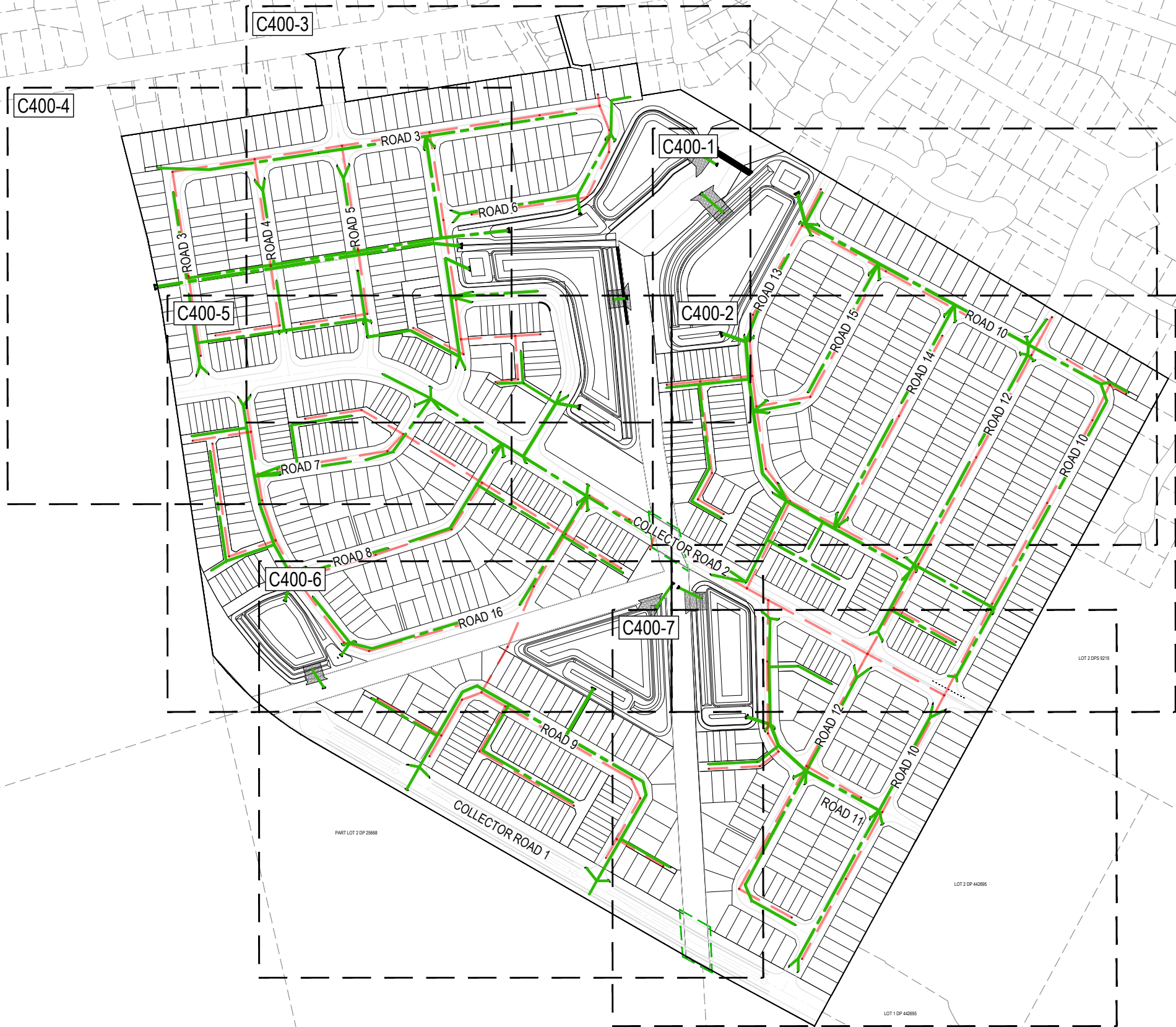
Version: April 2021



ROUNDABOUT DETAILS

Version: April 2021

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025
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			
SAXBY RD JV LIMITED			
Title			
PROPOSED			
ROADING			
STANDARD DETAILS			
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C380 RD STANDARD DETAILS.DWG		
Drawing no.	R1-C380-5	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 777m.
 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 BDY
	PROP BDY
	EX STORMWATER
	PR STORMWATER
	EX/PROP SWMH
	PROP SWCP SINGLE
	PROP SWCP DOUBLE
	PR LOT CONNECTION

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025



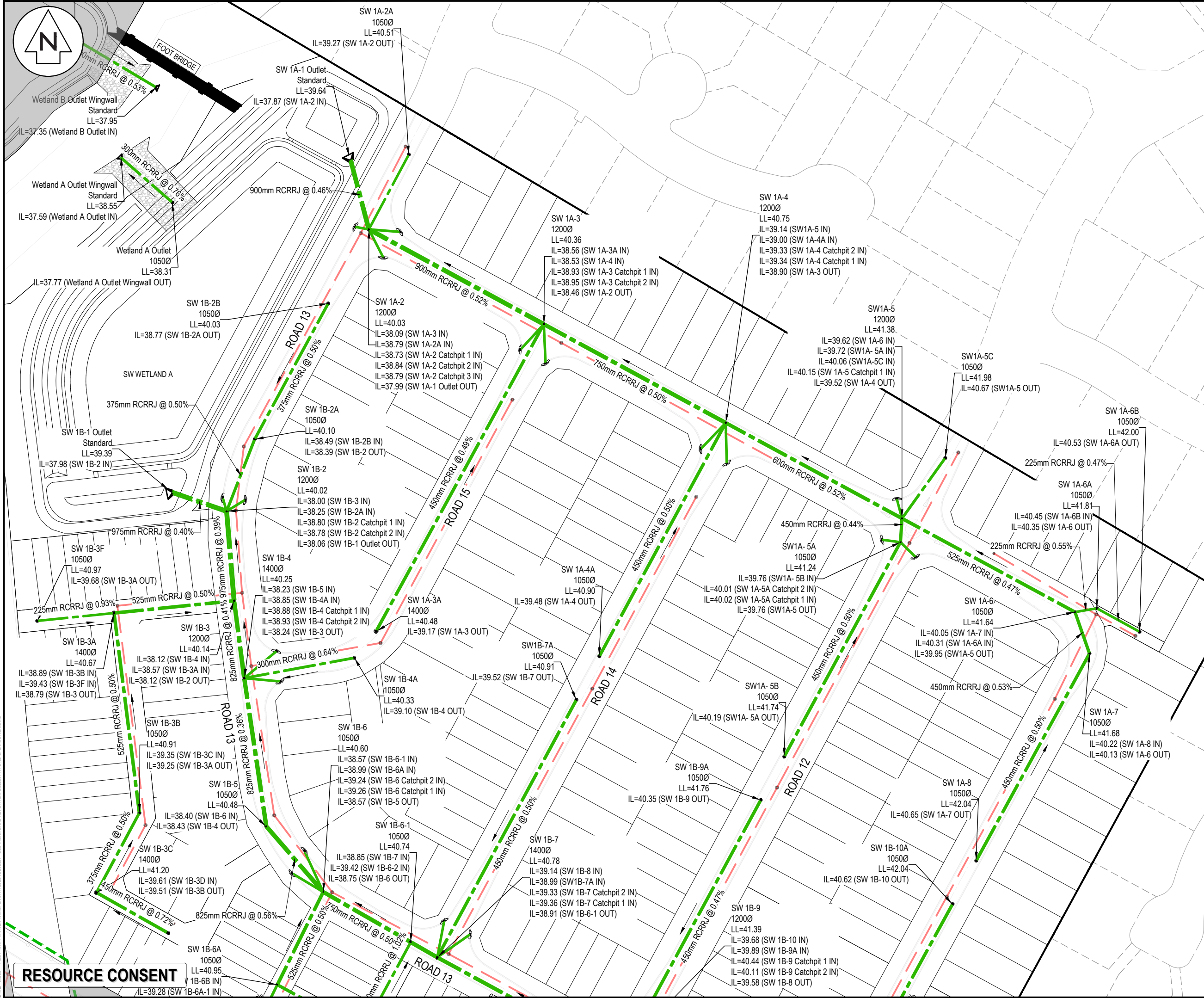
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
OVERVIEW PLAN**

Project no.	298001-R1 SL1		
Scale	1:4000 @ A3		
Cad file	298001-R1-C400 STORMWATER.DWG		
Drawing no.	R1-C400	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 777m.
 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 BDY
	PROP BDY
	EX STORMWATER
	PR STORMWATER
	EX/PROP SWMH
	PROP SWCP SINGLE
	PROP SWCP DOUBLE
	PR LOT CONNECTION

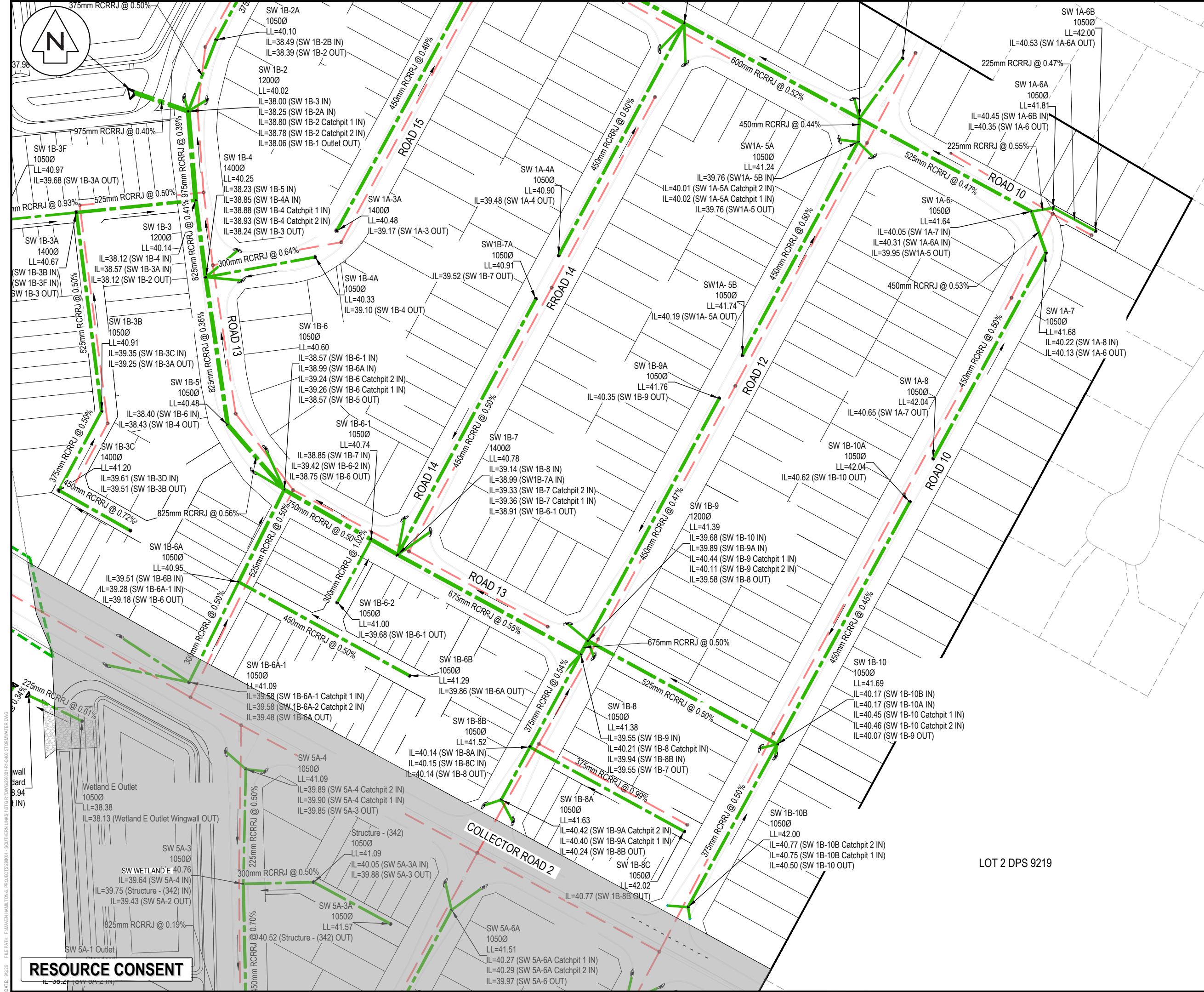
A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MKS	07/2025	
Checked	DJM	07/2025	

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 SAXBY RD JV LIMITED		
Title	PROPOSED STORMWATER PLAN		
Project no.	298001-R1 SL1		
Scale	1:1250 @ A3		
Cad file	298001-R1-C400 STORMWATER.DWG		
Drawing no.	R1-C400-1	Rev	A

RESOURCE CONSENT

DATE: 9/2/25 FILEPATH: F:\MWH\HAMILTON\6. PROJECTS\298001 - SOUTHERN LINKS 1\1510\298001-R1-C400 STORMWATER.DWG



- 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 777m.
 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 HARMFILL 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 BDY
	PROP BDY
	EX STORMWATER
	PR STORMWATER
	EX/PROP SWMH
	PROP SWCP SINGLE
	PROP SWCP DOUBLE
	PR LOT CONNECTION

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025



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 SAXBY RD JV LIMITED

Title

PROPOSED STORMWATER PLAN

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C400 STORMWATER.DWG
Drawing no.	R1-C400-2
Rev	A

RESOURCE CONSENT

DATE: 9/2/25 FILEPATH: F:\MVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STAGE 1\R1-C400 STORMWATER.DWG

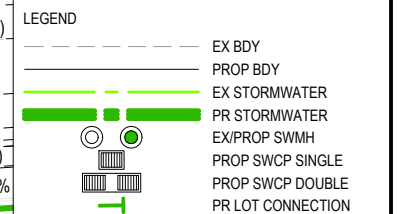


1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING ???m.
3. IT IS THE CONTRACTORS RESPONSIBILITY 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 CESSPIPT LEADS SHALL HAVE MIN COVER 0.9m.
8. ALL LINES ARE TO BE CLASSA 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.



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 ???m.
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 CESSPIPT 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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MKS	07/2025	
Checked	DJM	07/2025	

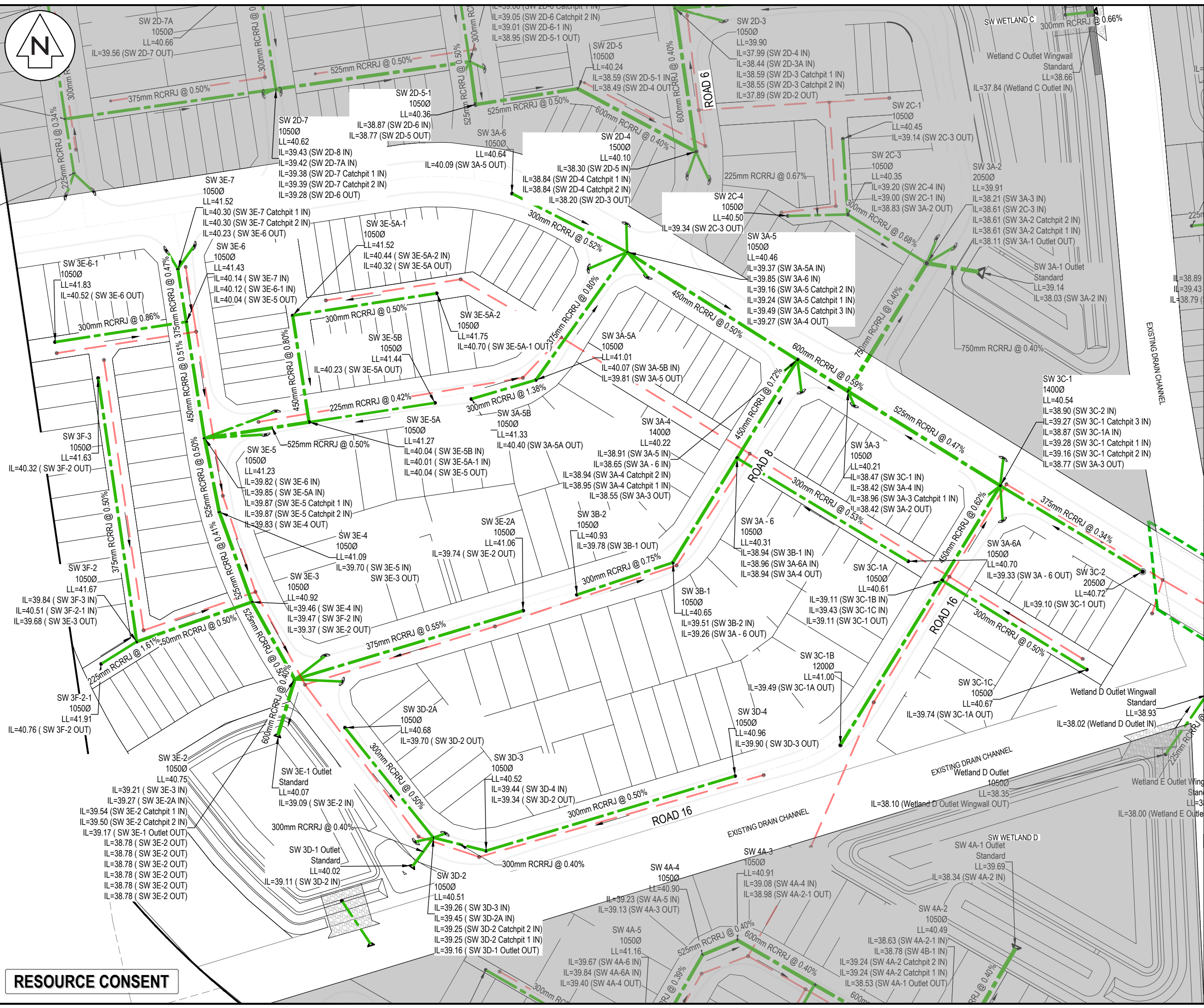


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title

**PROPOSED
STORMWATER
PLAN**

Project no.	298001-R1 SL1		
Scale	1:1250 @ A3		
Cad file	298001-R1-C400 STORMWATER.DWG		
Drawing no.	R1-C400-4	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 777m.
 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 RESERVE.
 5. APPROVED HARMFILL 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 BDY
---	PROP BDY
---	EX STORMWATER
---	PR STORMWATER
○●	EX/PROP SWMH
---	PROP SWCP SINGLE
---	PROP SWCP DOUBLE
---	PR LOT CONNECTION

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025

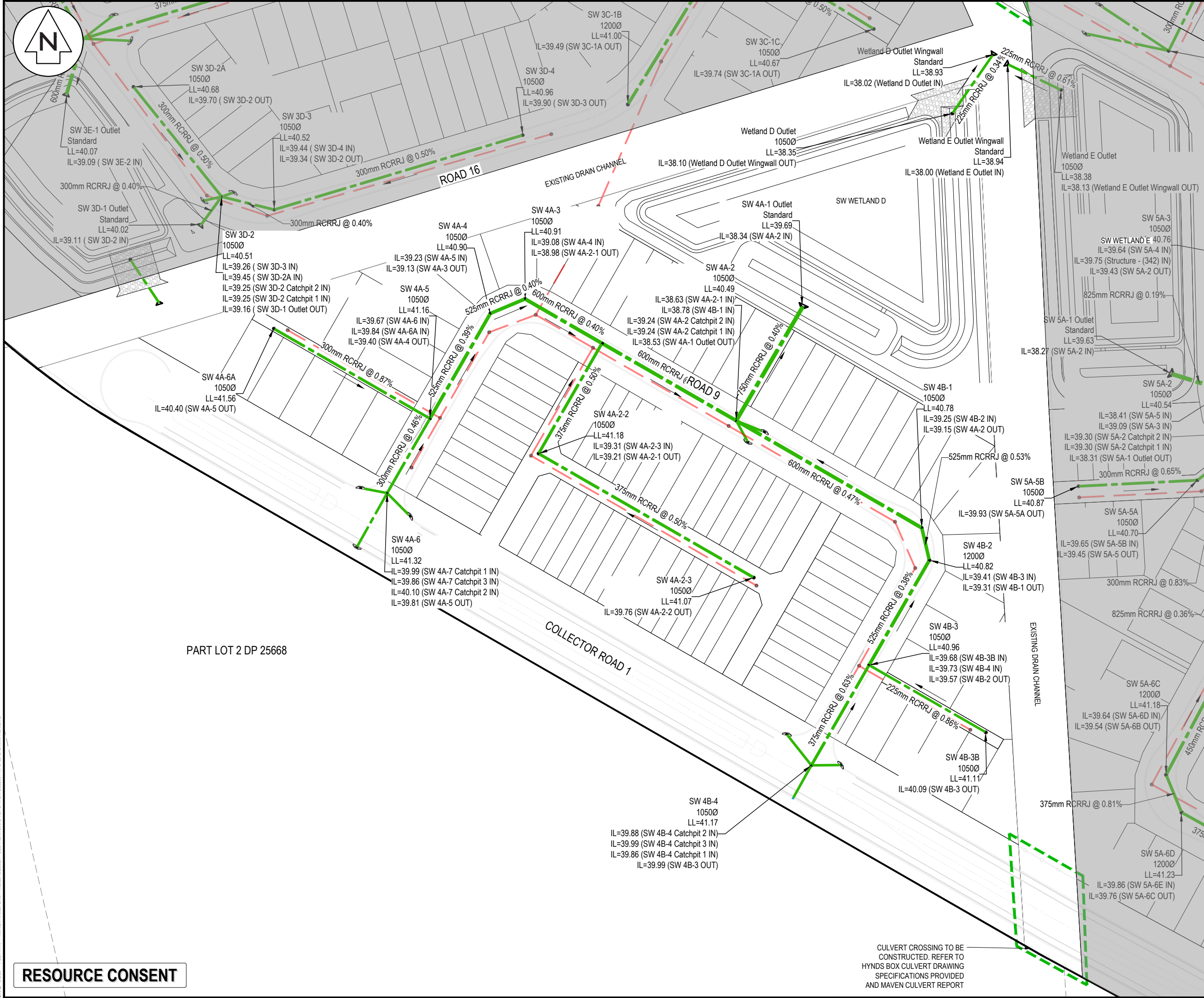
M Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

**PROPOSED
STORMWATER
PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C400 STORMWATER.DWG
Drawing no.	R1-C400-5
Rev	A

RESOURCE CONSENT



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 777m.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
- ALL CONCRETE SW PIPE TO BE INSTALLED IN ACCORDANCE WITH AS/NZS 3725:2007 FOR BURIED CONCRETE PIPES AND AS/NZS 4058:2007 FOR PRECAST CONCRETE PIPES (PRESSURE AND NON-PRESSURE) AS STIPULATED IN THE RITS 2018
- 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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025

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
SAXBY RD JV LIMITED**

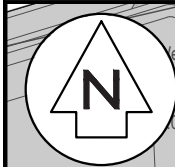
Title
**PROPOSED
STORMWATER
PLAN**

Project no.	298001-R1 SL1
Scale	1:1250 @ A3
Cad file	298001-R1-C400 STORMWATER.DWG
Drawing no.	R1-C400-6
Rev	A

RESOURCE CONSENT

CULVERT CROSSING TO BE CONSTRUCTED. REFER TO HYNDS BOX CULVERT DRAWING SPECIFICATIONS PROVIDED AND MAVEN CULVERT REPORT

DATE: 9/2/25 FILEPATH: F:\MVEN\HAMILTON\6. PROJECTS\298001 - SOUTHERN LINKS 1\STG1\R1\DWG\298001-R1-C400 STORMWATER.DWG



SW WETLAND D

Wetland E Outlet Wingwall
Standard
LL=38.94
100 (Wetland E Outlet IN)

Wetland E Outlet
10500
LL=38.38
IL=38.13 (Wetland E Outlet Wingwall OUT)

SW 5A-3
10500
IL=39.64 (SW 5A-4 IN)
IL=39.75 (Structure - (342) IN)
IL=39.43 (SW 5A-2 OUT)

SW 5A-1 Outlet
Standard
LL=39.63
IL=38.27 (SW 5A-2 IN)

SW 5A-2
10500
LL=40.54
IL=38.41 (SW 5A-5 IN)
IL=39.09 (SW 5A-3 IN)
IL=39.30 (SW 5A-2 Catchpit 2 IN)
IL=39.30 (SW 5A-2 Catchpit 1 IN)
IL=38.31 (SW 5A-1 Outlet OUT)

SW 5A-5B
10500
LL=40.87
IL=39.93 (SW 5A-5A OUT)

SW 5A-5A
10500
LL=40.70
IL=39.65 (SW 5A-5B IN)
IL=39.45 (SW 5A-5 OUT)

SW 4B-2
12000
LL=40.82
IL=39.41 (SW 4B-3 IN)
IL=39.31 (SW 4B-1 OUT)

SW 4B-3
10500
LL=40.96
IL=39.68 (SW 4B-3B IN)
IL=39.73 (SW 4B-4 IN)
IL=39.57 (SW 4B-2 OUT)

SW 4B-3B
10500
LL=41.11
IL=40.09 (SW 4B-3 OUT)

SW 5A-6C
12000
LL=41.18
IL=39.64 (SW 5A-6D IN)
IL=39.54 (SW 5A-6B OUT)

SW 5A-6B
10500
LL=40.95
IL=39.33 (SW 5A-6C IN)
IL=39.33 (SW 5A-6 OUT)

SW 5A-7B
10500
LL=41.35
IL=39.78 (SW 5A-7C IN)
IL=39.68 (SW 5A-7 OUT)

SW 5A-6E
10500
LL=41.43
IL=40.07 (SW 5A-6D OUT)

SW 5A-6D
12000
LL=41.23
IL=39.86 (SW 5A-6E IN)
IL=39.76 (SW 5A-6C OUT)

SW 5A-7C
12000
LL=41.14
IL=40.32 (SW 5A-7C Catchpit 1 IN)
IL=40.25 (SW 5A-7C Catchpit 2 IN)
IL=40.15 (SW 5A-7B OUT)

SW 5A-4
10500
LL=41.09
IL=39.89 (SW 5A-4 Catchpit 2 IN)
IL=39.90 (SW 5A-4 Catchpit 1 IN)
IL=39.85 (SW 5A-3 OUT)

Structure - (342)
10500
LL=41.09
IL=40.05 (SW 5A-3A IN)
IL=39.88 (SW 5A-3 OUT)

SW 5A-3A
10500
LL=41.57
IL=40.52 (Structure - (342) OUT)

SW 5A-6A
10500
LL=41.51
IL=40.27 (SW 5A-6A Catchpit 1 IN)
IL=40.29 (SW 5A-6A Catchpit 2 IN)
IL=39.97 (SW 5A-6 OUT)

SW 5A-6
12000
LL=40.69
IL=39.01 (SW 5A-6B IN)
IL=38.88 (SW 5A-7 IN)
IL=39.22 (SW 5A-6A IN)
IL=39.49 (SW 5A-6 Catchpit 1 IN)
IL=39.50 (SW 5A-6 Catchpit 2 IN)
IL=38.78 (SW 5A-5 OUT)

SW 5A-7A
10500
LL=41.87
IL=40.63 (SW 5A-7A Catchpit 2 IN)
IL=40.65 (SW 5A-7A Catchpit 1 IN)
IL=40.41 (SW 5A-7 OUT)

SW 5A-7
12000
LL=41.08
IL=39.33 (SW 5A-7B IN)
IL=39.60 (SW 5A-7A IN)
IL=39.84 (SW 5A-7 Catchpit 1 IN)
IL=39.83 (SW 5A-7 Catchpit 2 IN)
IL=39.23 (SW 5A-6 OUT)

SW 1B-8A
10500
LL=41.63
IL=40.42 (SW 1B-9A Catchpit 2 IN)
IL=40.40 (SW 1B-9A Catchpit 1 IN)
IL=40.24 (SW 1B-8B OUT)

SW 1B-8C
10500
LL=42.02
IL=40.77 (SW 1B-10B Catchpit 2 IN)
IL=40.75 (SW 1B-10B Catchpit 1 IN)
IL=40.50 (SW 1B-10 OUT)

SW 1B-8B
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

SW 1B-8
10500
LL=42.00
IL=39.94 (SW 1B-8B IN)
IL=39.55 (SW 1B-7 OUT)

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 777m.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
- 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
- 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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025

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
SAXBY RD JV LIMITED**

Title

**PROPOSED
STORMWATER
PLAN**

Project no.	298001-R1 SL1		
Scale	1:1250 @ A3		
Cad file	298001-R1-C400 STORMWATER.DWG		
Drawing no.	R1-C400-7	Rev	A

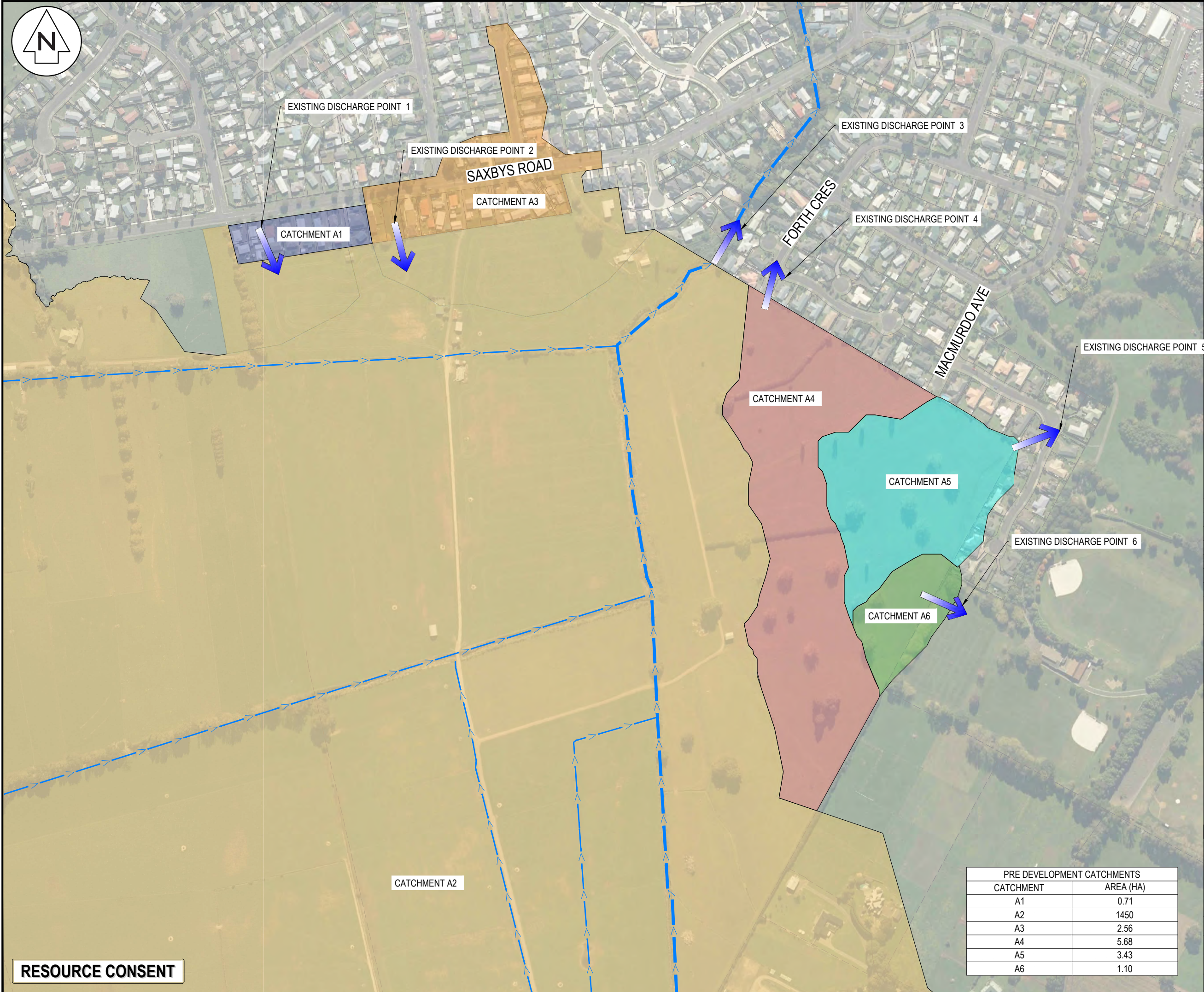
RESOURCE CONSENT

LOT 1 DP 442695

LOT 2 DP 442695

LOT 2 DPS 9219

DATE: 9/2/25 FILEPATH: F:\MVEN\HAMILTON\6 PROJECTS\298001 - SOUTHERN LINKS 1\STG1\R1\C400 STORMWATER.DWG



- 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 777m.
 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
	CATCHMENT BDY
	PROP LOT BOUNDARY
	EX DRAINS/CHANNELS

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025



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
SAXBY RD JV LIMITED**

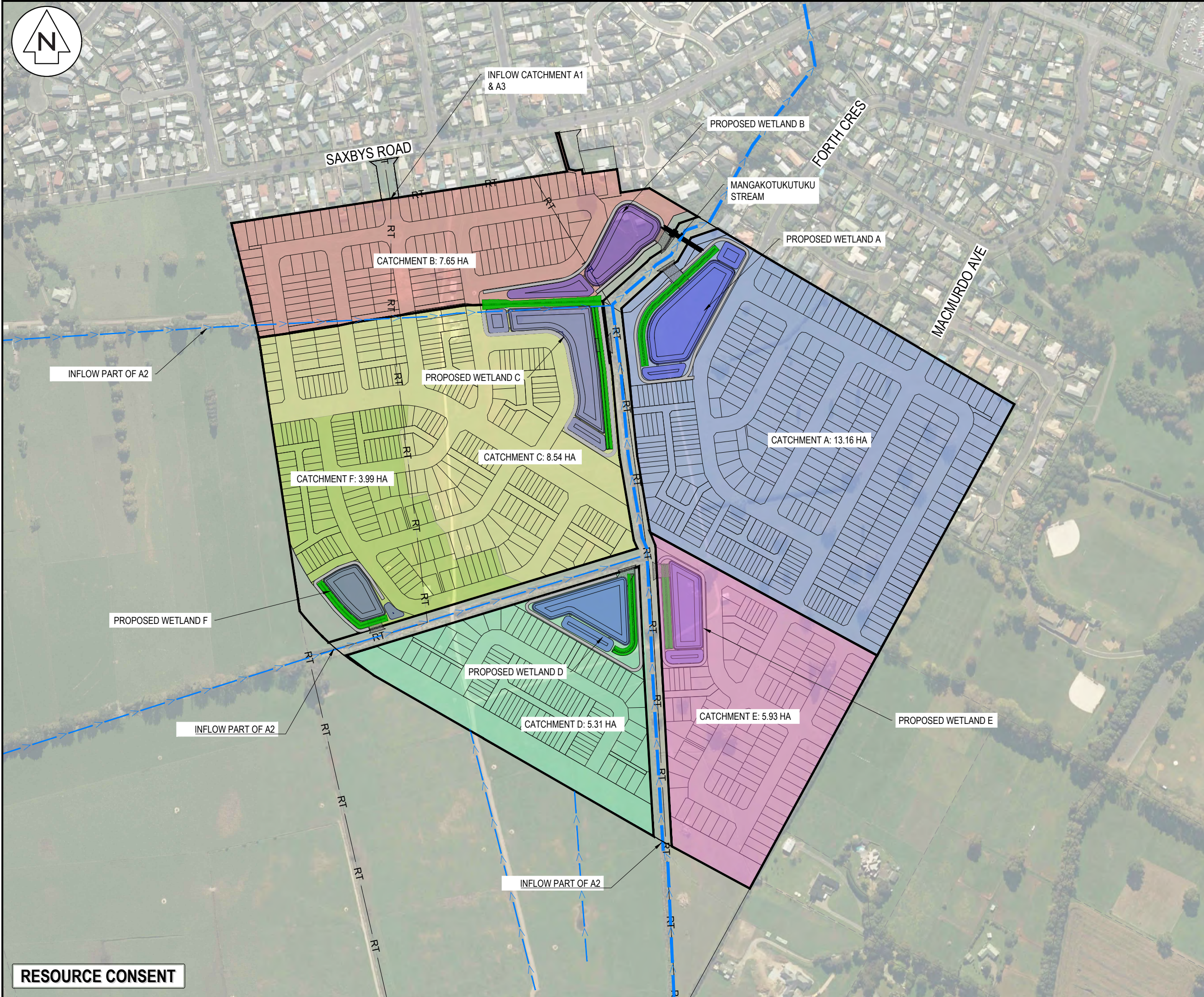
Title

**EXISTING
SW CATCHMENT
OVERVIEW PLAN**

Project no.	298001-R1 SL1		
Scale	1:4000 @ A3		
Cad file	298001-R1-C410 SW EX.CATCHMENTS.DWG		
Drawing no.	R1-C410	Rev	A

PRE DEVELOPMENT CATCHMENTS	
CATCHMENT	AREA (HA)
A1	0.71
A2	1450
A3	2.56
A4	5.68
A5	3.43
A6	1.10

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 ???m.
 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 BDY
	CATCHMENT BDY
	PROP LOT BOUNDARY
	EX DRAINS/CHANNELS
	CATCHMENT A
	CATCHMENT B
	CATCHMENT C
	CATCHMENT D
	CATCHMENT E
	CATCHMENT F

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MKS		07/2025
Checked	DJM		07/2025



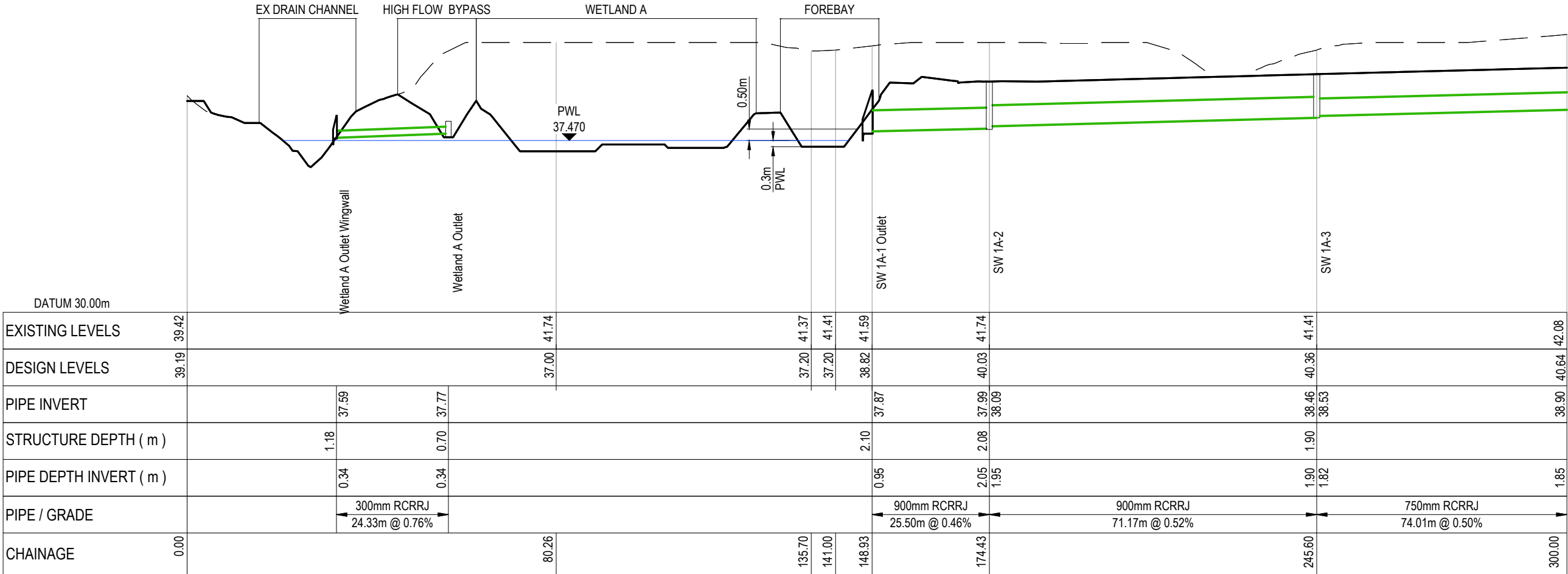
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

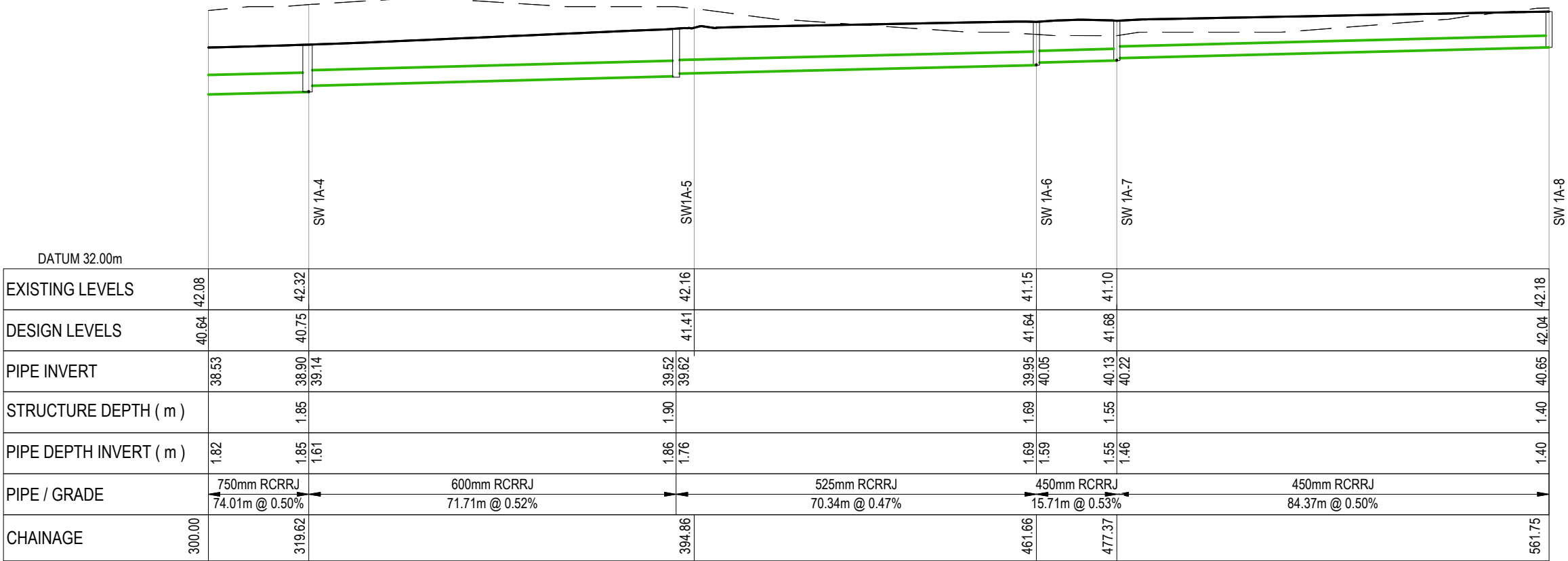
Title
**PROPOSED STORMWATER
POND CATCHMENT
OVERVIEW PLAN**

Project no.	298001-R1 SL1		
Scale	1:4000 @ A3		
Cad file	298001-R1-C415 SW PR.CATCHMENTS.DWG		
Drawing no.	R1-C415	Rev	A

DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\ESTG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



PV - Alignment - SW Line 1A-1 Outlet to 1A-8 (1 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 1A-1 Outlet to 1A-8 (2 of 2)
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

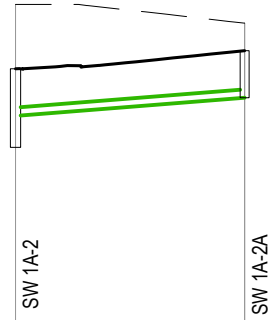
M **MAVEN** **Waikato**
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

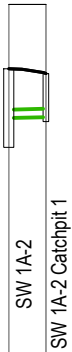
Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-1
Rev	A

DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON\6. PROJECTS\298001 - SOUTHERN LINKS 1\B1\G1\26001-R1-C420 SW LONGSECTIONS.DWG



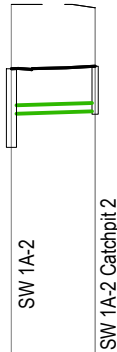
DATUM 32.00m		
EXISTING LEVELS	41.74	41.24
DESIGN LEVELS	40.03	40.51
PIPE INVERT	38.79	39.27
STRUCTURE DEPTH (m)	2.08	1.25
PIPE DEPTH INVERT (m)	1.25	1.25
PIPE / GRADE	← 225mm RCRRJ 30.31m @ 1.58% →	
CHAINAGE	0.00	30.31

PV - Alignment - SW Line 1A-2 to 1A-2A
SCALE: HORI 1:1000 VERT 1:200



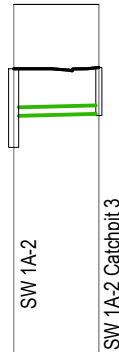
DATUM 32.00m		
EXISTING LEVELS	41.74	41.74
DESIGN LEVELS	40.03	39.91
PIPE INVERT	38.79	38.79
STRUCTURE DEPTH (m)	2.08	1.20
PIPE DEPTH INVERT (m)	1.30	1.19
PIPE / GRADE	225mm RCRRJ 4.91m @ 0.50%	
CHAINAGE	0.00	4.91

PV - Alignment - 1A-2 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



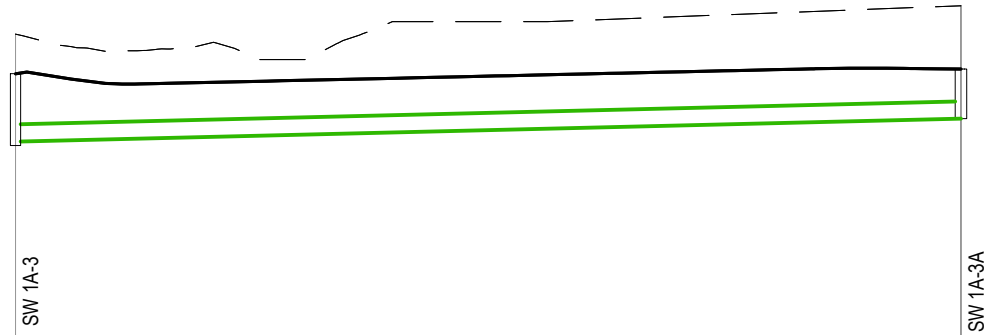
DATUM 32.00m		
EXISTING LEVELS	41.74	41.65
DESIGN LEVELS	40.03	40.10
PIPE INVERT	38.84	38.91
STRUCTURE DEPTH (m)	2.08	1.20
PIPE DEPTH INVERT (m)	1.19	1.19
PIPE / GRADE	225mm RCRRJ 11.08m @ 0.61%	
CHAINAGE	0.00	11.08

PV - Alignment - 1A-2 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



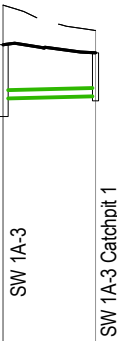
DATUM 32.00m		
EXISTING LEVELS	41.74	41.74
DESIGN LEVELS	40.03	40.07
PIPE INVERT	38.79	38.84
STRUCTURE DEPTH (m)	2.08	1.20
PIPE DEPTH INVERT (m)	1.25	1.22
PIPE / GRADE	225mm RCRRJ 11.27m @ 0.50%	
CHAINAGE	0.00	11.27

PV - Alignment - 1A-2 Catchpit 3
SCALE: HORI 1:1000 VERT 1:200



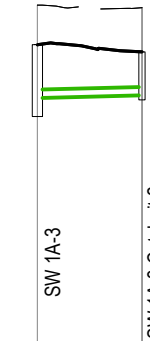
DATUM 32.00m		
EXISTING LEVELS	41.41	42.16
DESIGN LEVELS	40.36	40.48
PIPE INVERT	38.56	39.17
STRUCTURE DEPTH (m)	1.90	1.31
PIPE DEPTH INVERT (m)	1.79	1.31
PIPE / GRADE	← 450mm RCRRJ 125.09m @ 0.49% →	
CHAINAGE	0.00	125.09

PV - Alignment - SW Line 1A-3 to 1A-3A
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m		
EXISTING LEVELS	41.41	40.74
DESIGN LEVELS	40.36	40.15
PIPE INVERT	38.93	38.99
STRUCTURE DEPTH (m)	1.90	1.20
PIPE DEPTH INVERT (m)	1.42	1.15
PIPE / GRADE	225mm RCRRJ 12.24m @ 0.50%	
CHAINAGE	0.00	12.24

PV - Alignment - 1A-3 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m		
EXISTING LEVELS	41.41	41.34
DESIGN LEVELS	40.36	40.17
PIPE INVERT	38.95	39.02
STRUCTURE DEPTH (m)	1.90	1.20
PIPE DEPTH INVERT (m)	1.41	1.15
PIPE / GRADE	225mm RCRRJ 13.83m @ 0.50%	
CHAINAGE	0.00	13.83

PV - Alignment - 1A-3 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

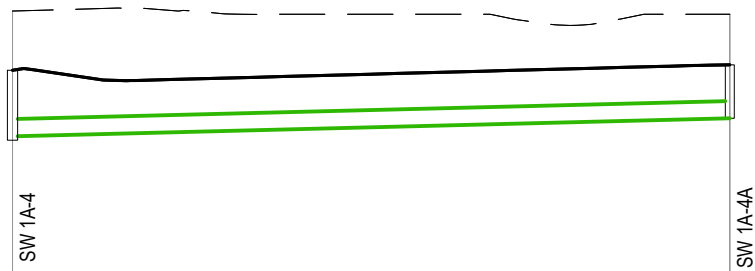


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

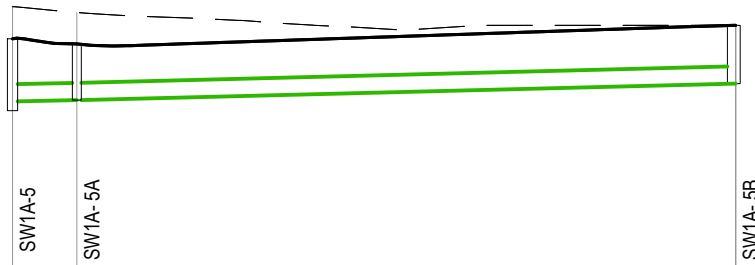
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-2	Rev	A

DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



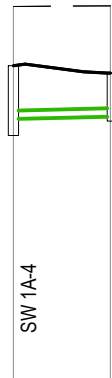
DATUM 34.00m		
EXISTING LEVELS	42.32	42.24
DESIGN LEVELS	40.75	40.90
PIPE INVERT	39.00	39.48
STRUCTURE DEPTH (m)	1.85	1.42
PIPE DEPTH INVERT (m)	1.75	1.42
PIPE / GRADE	450mm RCRRJ 94.90m @ 0.50%	
CHAINAGE	0.00	94.90

PV - Alignment - SW Line 1A-4 to 4A
SCALE: HORI 1:1000 VERT 1:200



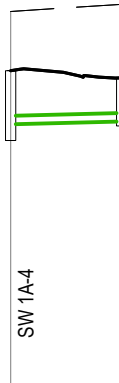
DATUM 34.00m		
EXISTING LEVELS	42.23	41.74
DESIGN LEVELS	41.38	41.74
PIPE INVERT	39.52 39.72	40.19
STRUCTURE DEPTH (m)	1.90	1.54
PIPE DEPTH INVERT (m)	1.86 1.66	1.54
PIPE / GRADE	600mm RCRRJ 3RJ 71.71m @ 0.52% 4% 450mm RCRRJ 87.16m @ 0.50%	
CHAINAGE	0.00	95.67

PV - Alignment - SW Line 1A-5 to 1A-5B
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m		
EXISTING LEVELS	42.32	42.33
DESIGN LEVELS	40.75	40.56
PIPE INVERT	39.34	39.40
STRUCTURE DEPTH (m)	1.85	1.20
PIPE DEPTH INVERT (m)	1.41	1.15
PIPE / GRADE	225mm RCRRJ 12.83m @ 0.50%	
CHAINAGE	0.00	12.83

PV - Alignment - 1A-4 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m		
EXISTING LEVELS	42.32	42.50
DESIGN LEVELS	40.75	40.56
PIPE INVERT	39.33	39.41
STRUCTURE DEPTH (m)	1.85	1.20
PIPE DEPTH INVERT (m)	1.42	1.15
PIPE / GRADE	225mm RCRRJ 14.42m @ 0.50%	
CHAINAGE	0.00	14.42

PV - Alignment - 1A-4 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



DATUM 34.00m		
EXISTING LEVELS	42.07	42.14
DESIGN LEVELS	41.24	41.31
PIPE INVERT	40.02	40.09
STRUCTURE DEPTH (m)	1.49	1.20
PIPE DEPTH INVERT (m)	1.22	1.22
PIPE / GRADE	225mm RCRRJ 6.58m @ 1.04%	
CHAINAGE	0.00	6.58

PV - Alignment - 1A-5A Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



DATUM 34.00m		
EXISTING LEVELS	42.07	41.93
DESIGN LEVELS	41.24	41.27
PIPE INVERT	40.01	40.04
STRUCTURE DEPTH (m)	1.49	1.20
PIPE DEPTH INVERT (m)	1.24	1.23
PIPE / GRADE	225mm RCRRJ 7.44m @ 0.50%	
CHAINAGE	0.00	7.44

PV - Alignment - 1A-5A Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

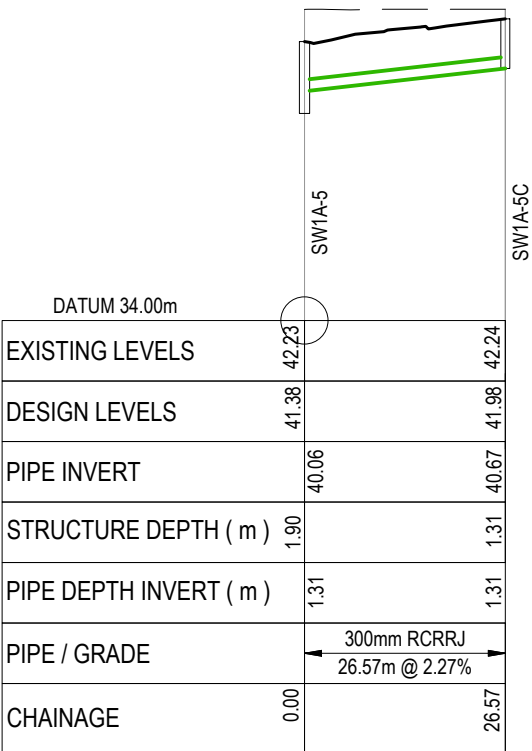


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

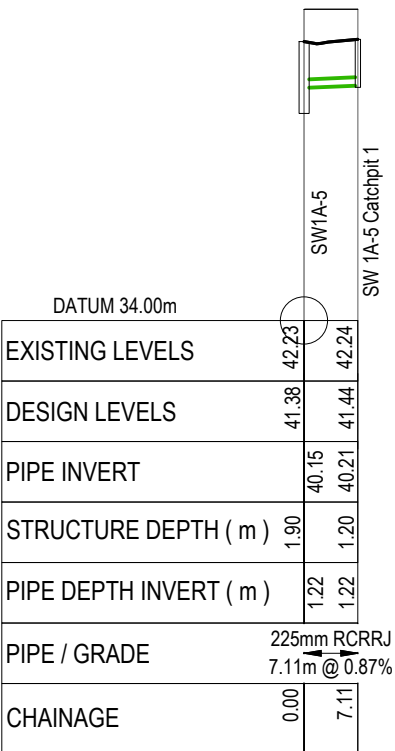
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-3
Rev	A

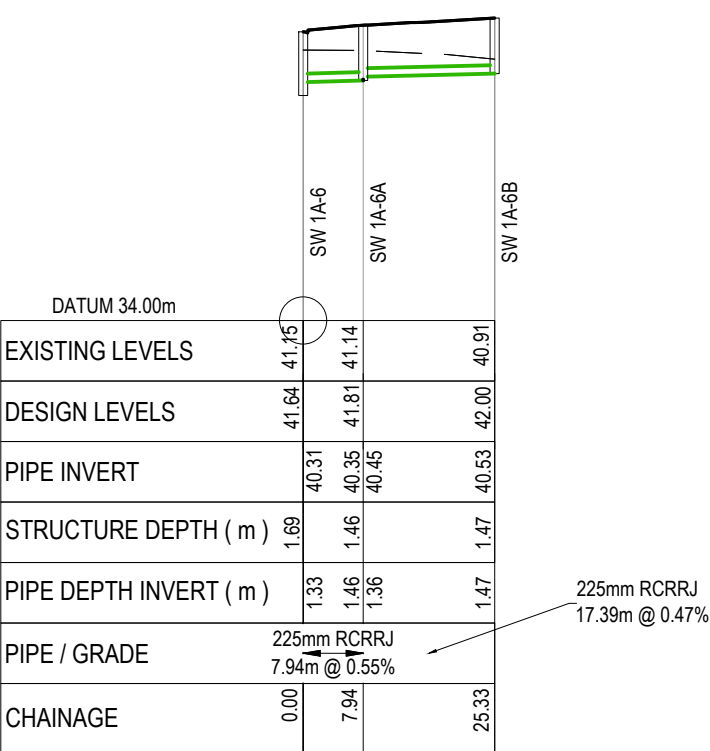
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON\6 PROJECTS\298001 - SOUTHERN LINKS 1\B1 TO R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



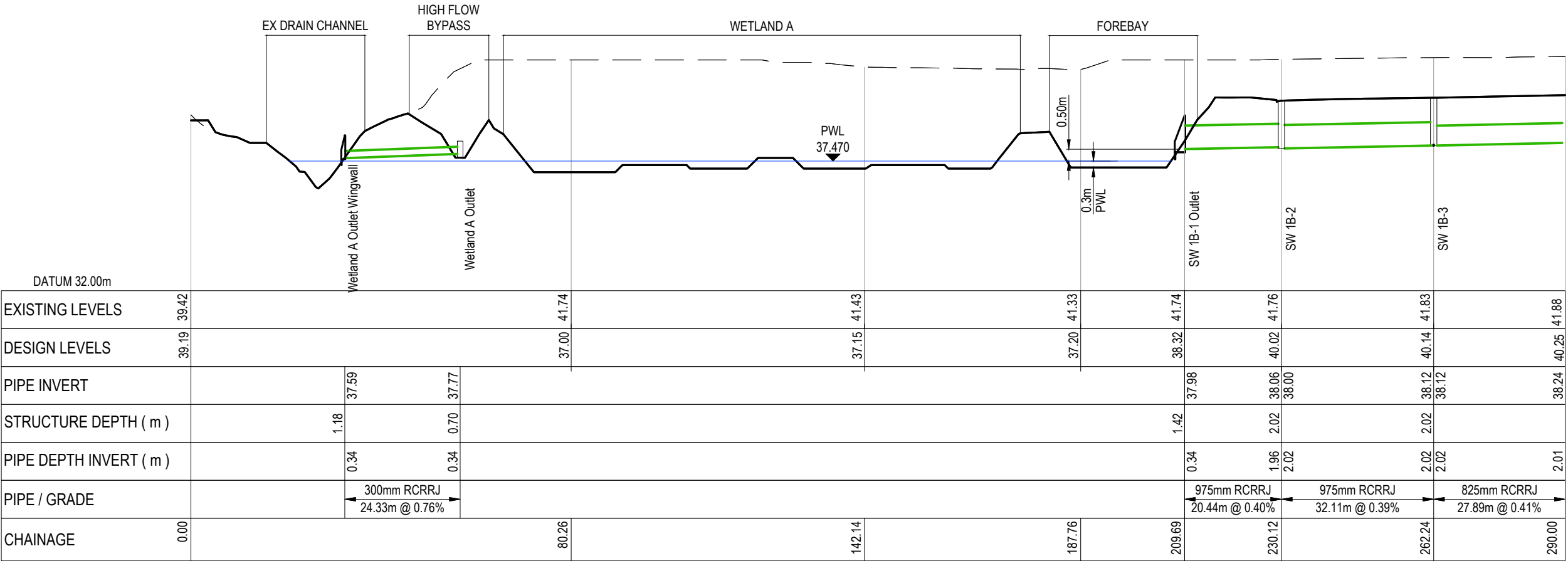
PV - Alignment - SW Line 1A-5 to 1A-5C
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - 1A-5 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 1A-6 to 1A-6B
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 1B-1 Outlet to 1B-11 (1 of 2)
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
- ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 - COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 - LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016.
 - IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
 - APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS TO COUNCIL STANDARDS.
 - HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 - ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 - MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 - MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 - MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 - PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

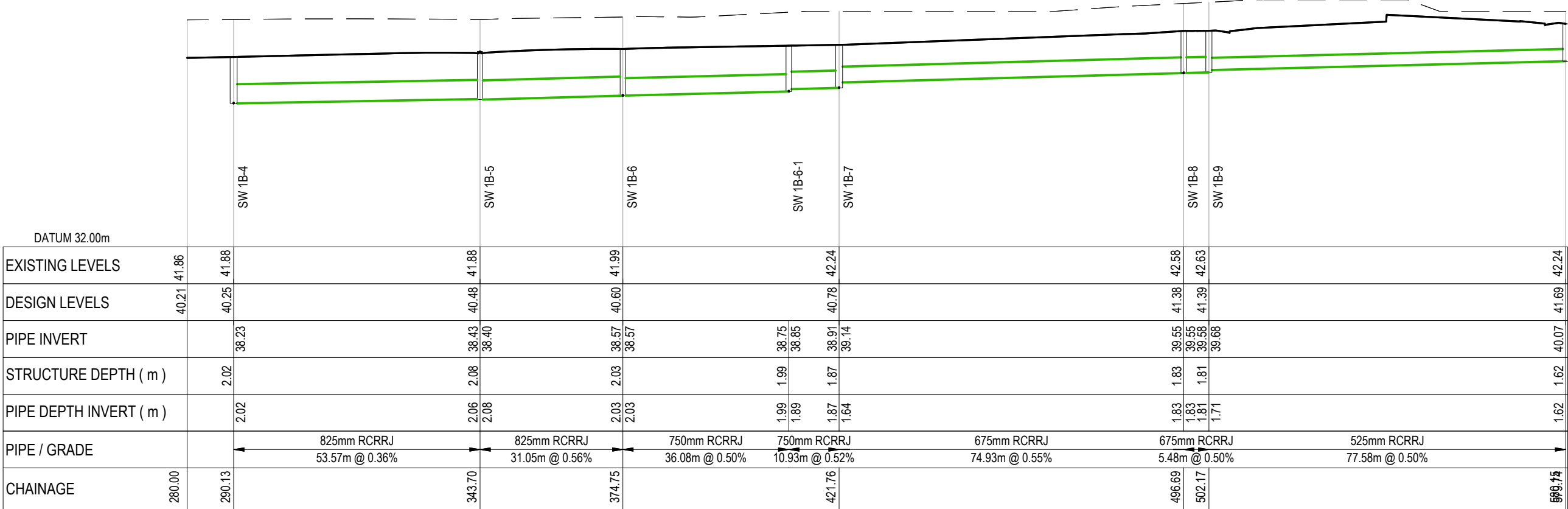
M Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL 1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-4
Rev	A

DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



PV - Alignment - SW Line 1B-1 Outlet to 1B-11 (2 of 2)
SCALE: HORI 1:1000 VERT 1:200

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

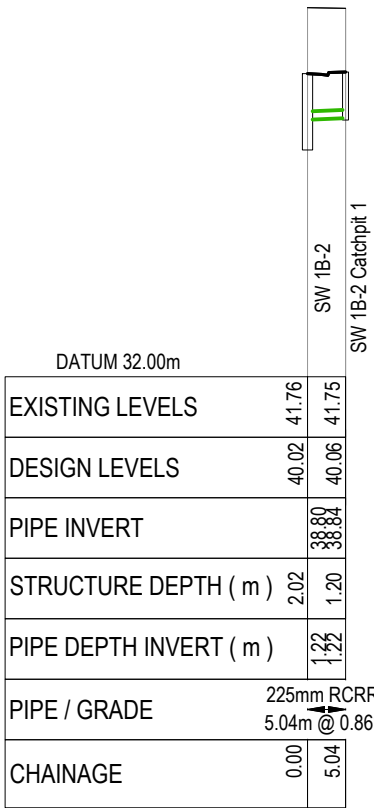
A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

M **MAVEN** **Waikato**
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

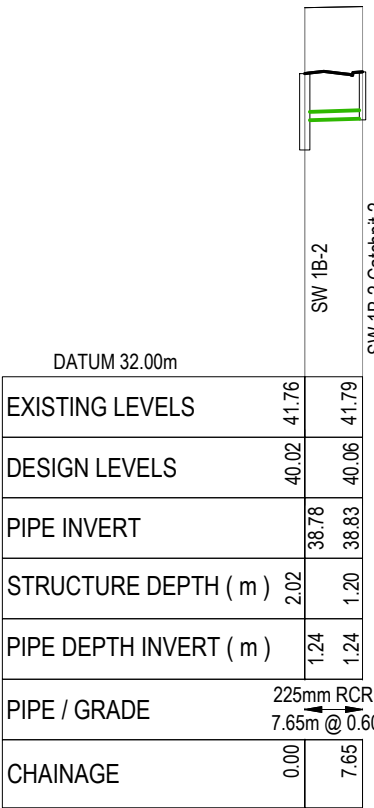
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

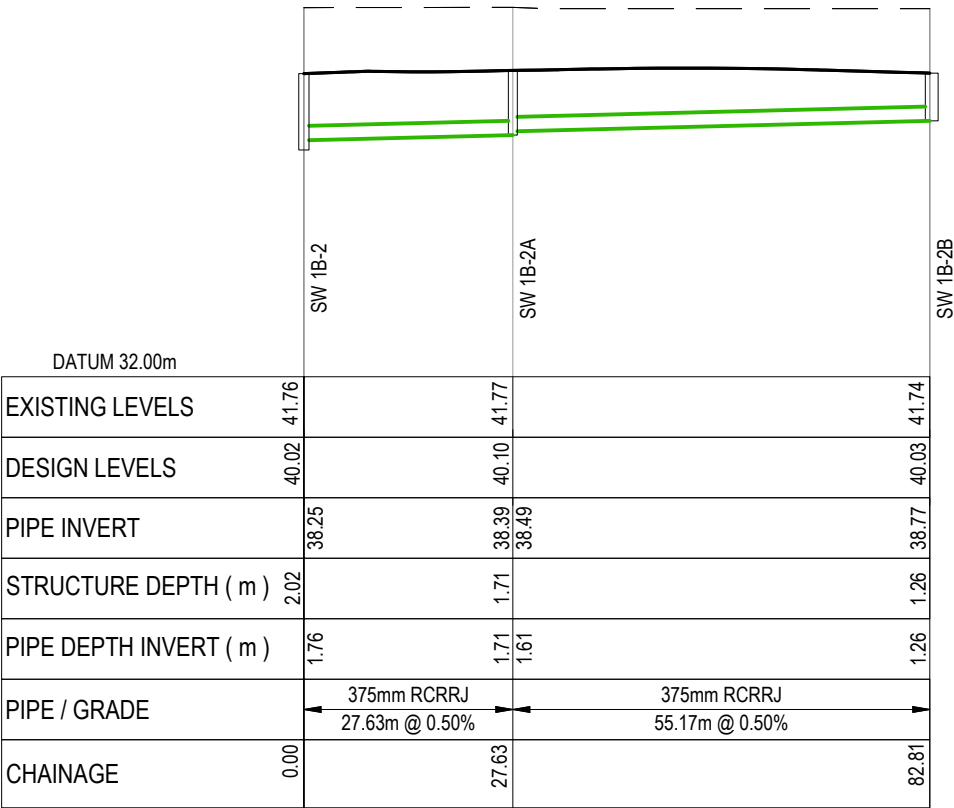
Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-5
Rev	A



PV - Alignment - 1B-2 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



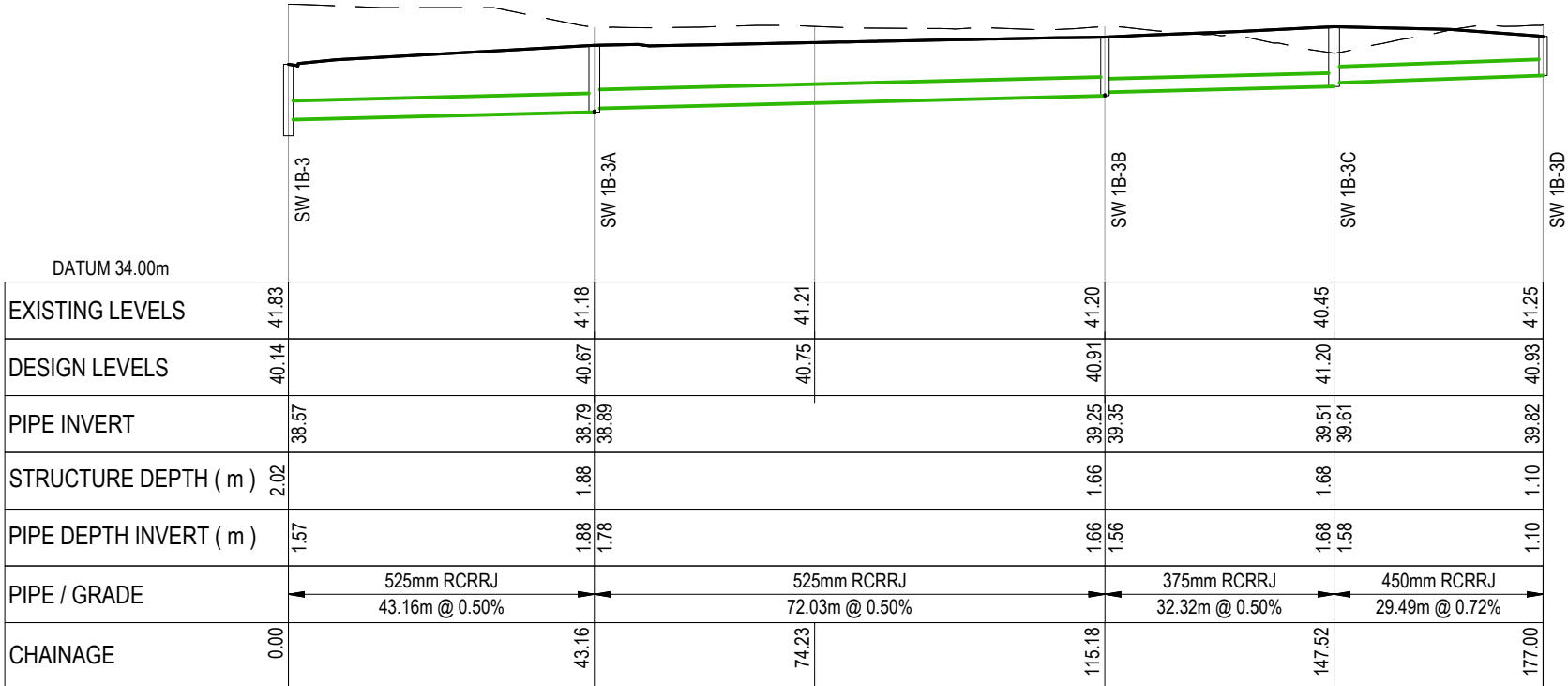
PV - Alignment - 1B-2 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



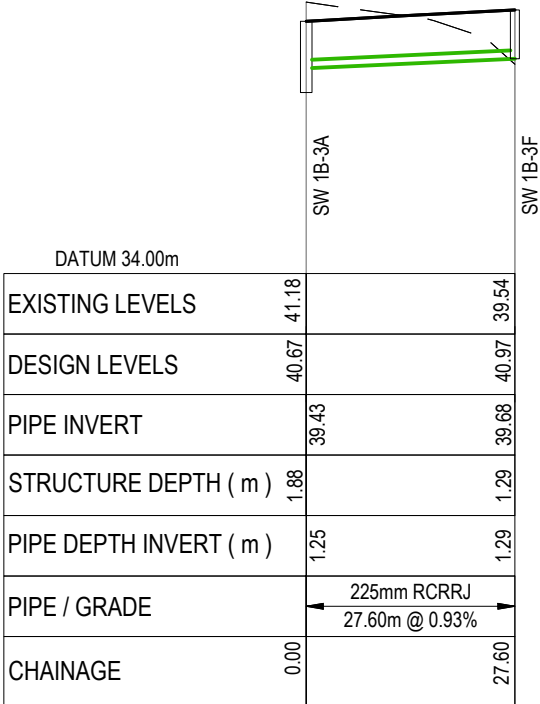
PV - Alignment - SW 1B-2 to 1B-2B
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

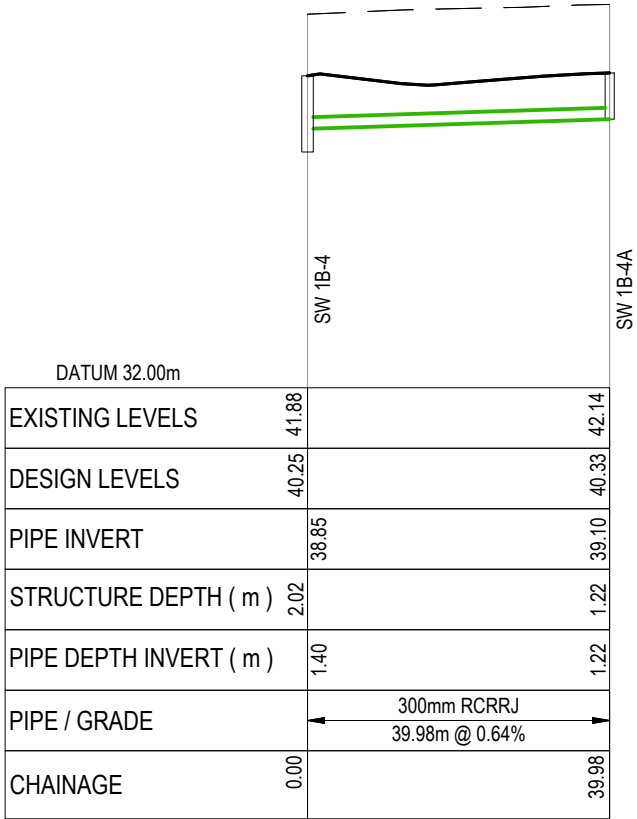
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON\6 PROJECTS\298001 - SOUTHERN LINKS 1\B1\TO R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



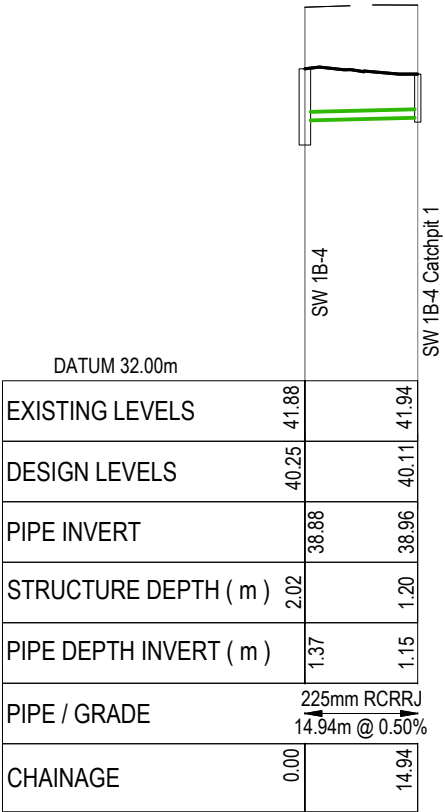
PV - Alignment - SW Line 1B-3 to 1B-3D
SCALE: HORI 1:1000 VERT 1:200



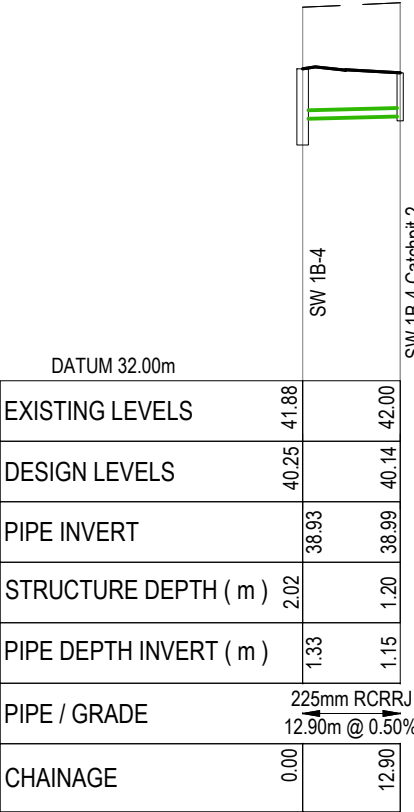
PV - Alignment - SW Line 1B-3A to 1B-3F
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 1B-4 to 1B-4A
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - 1B-4 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - 1B-4 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

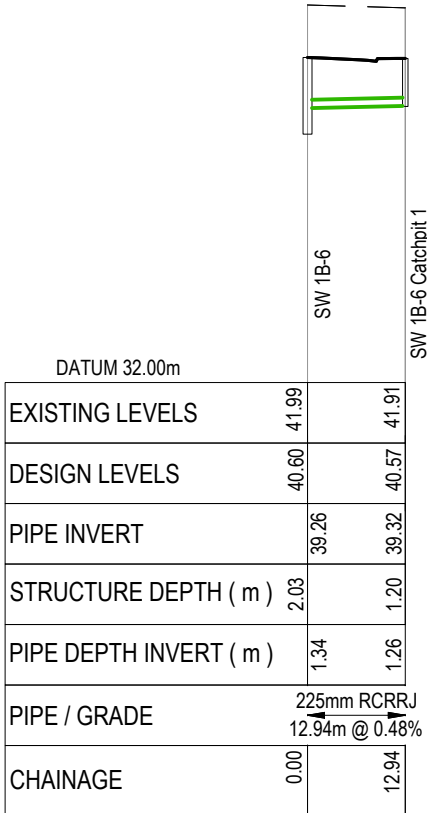


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

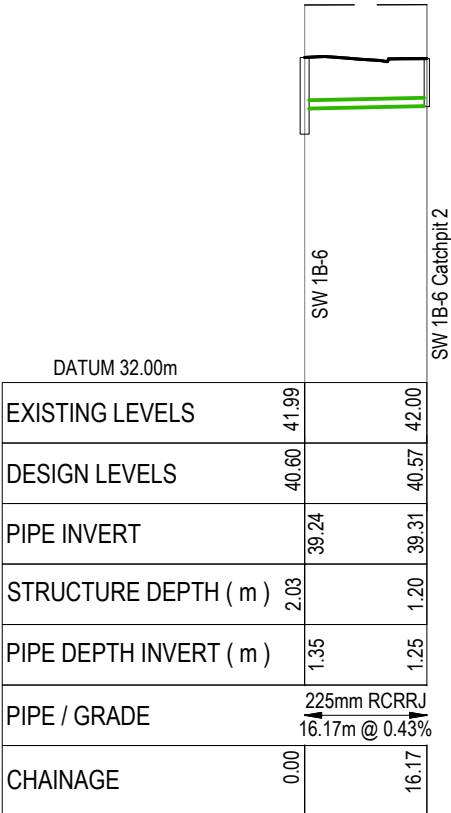
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-6
Rev	A

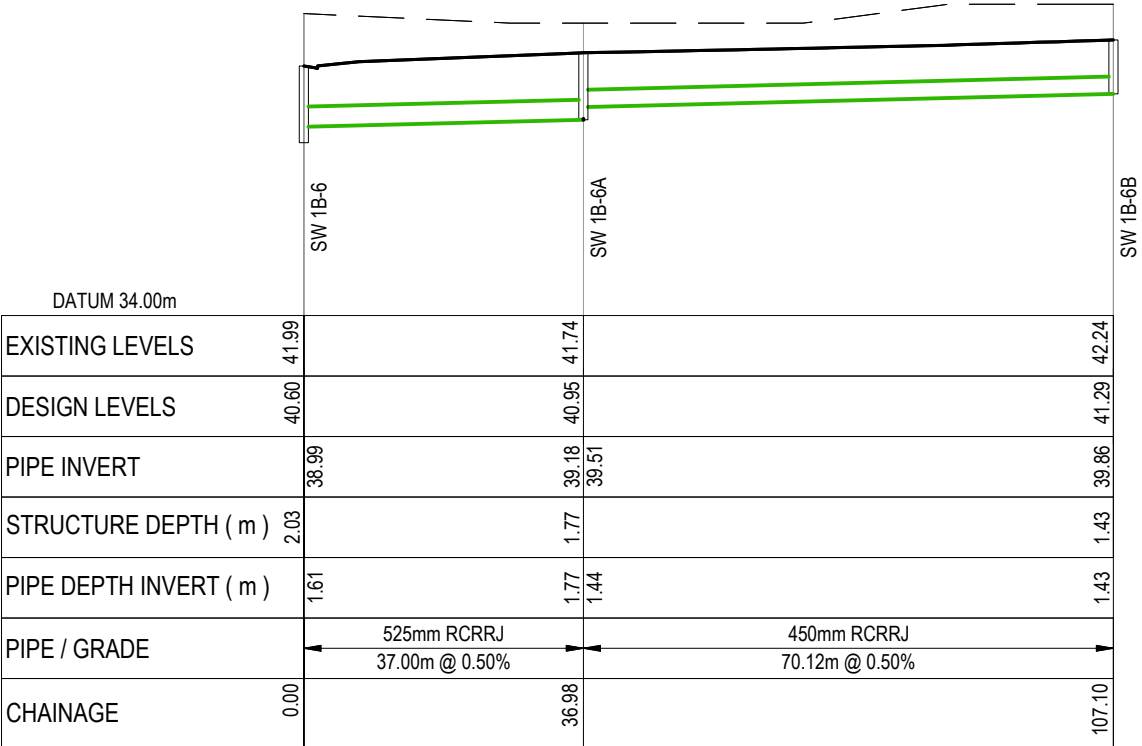
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON\6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



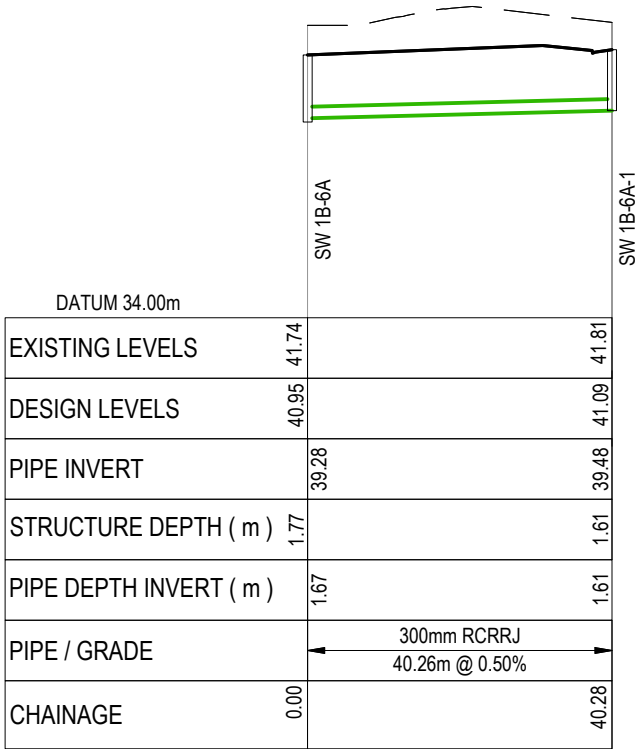
PV - Alignment - 1B-6 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



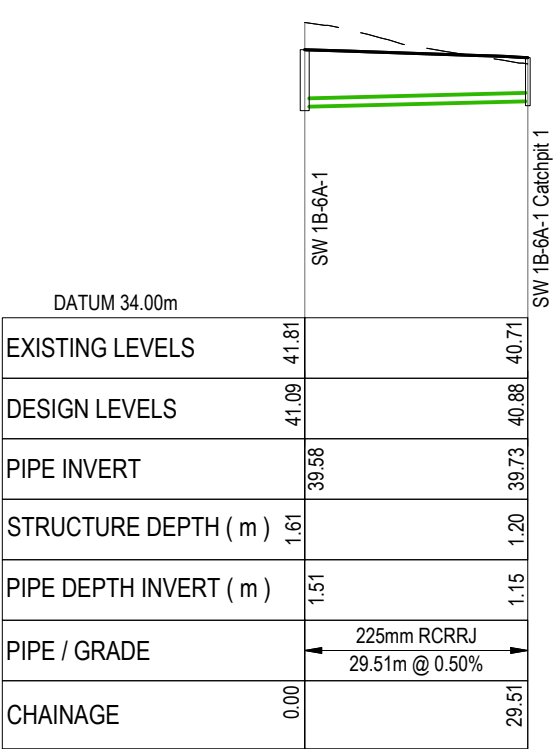
PV - Alignment - 1B-6 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



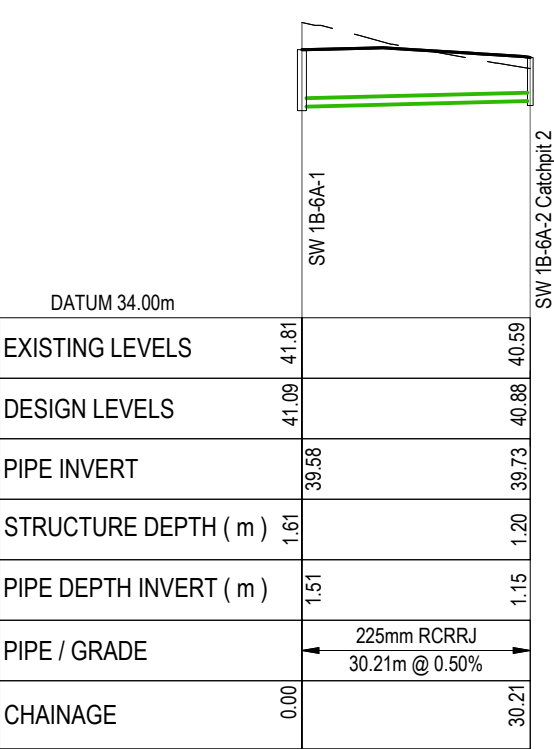
PV - Alignment - SW Line 1B-6 to 1B-6B
SCALE: HORI 1:1000 VERT 1:200



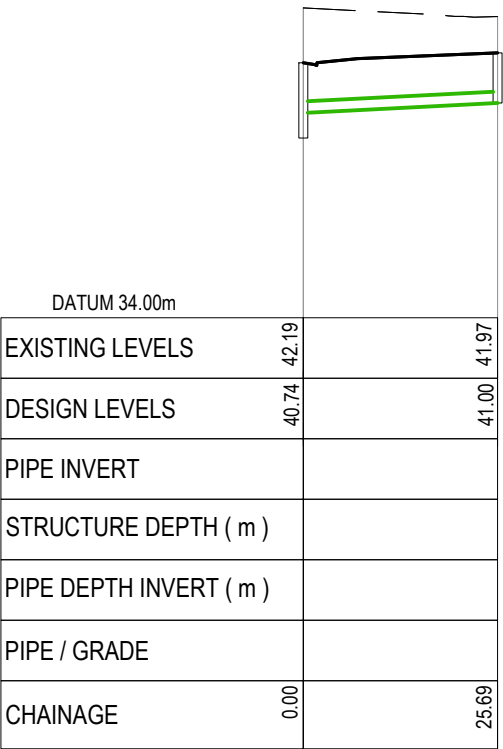
PV - Alignment - 1B-6A to 1B-6A-1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - 1B-6A Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - 1B-6A Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - 1B-6-1 to 1B-6-2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

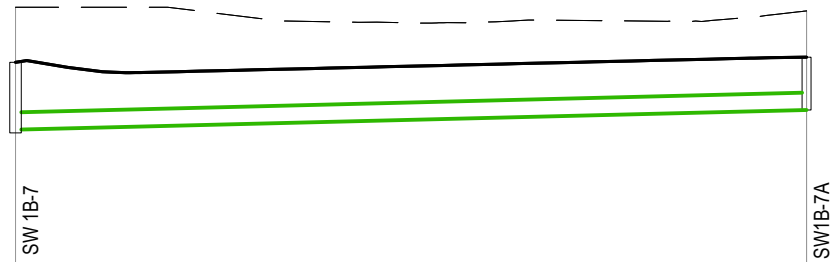


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

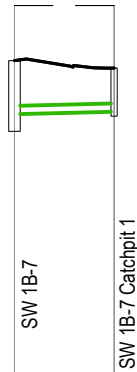
Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-7
Rev	A

DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\B10 TO R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



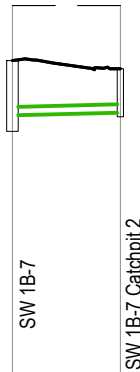
DATUM 34.00m		
EXISTING LEVELS	42.24	42.14
DESIGN LEVELS	40.78	40.91
PIPE INVERT	38.99	39.52
STRUCTURE DEPTH (m)	1.87	1.40
PIPE DEPTH INVERT (m)	1.78	1.40
PIPE / GRADE	450mm RCRRJ 104.65m @ 0.50%	
CHAINAGE	0.00	104.65

PV - Alignment - SW Line 1B-7 to 1B-7A
SCALE: HORI 1:1000 VERT 1:200



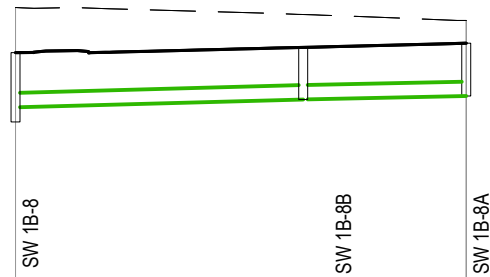
DATUM 32.00m		
EXISTING LEVELS	42.24	42.24
DESIGN LEVELS	40.78	40.58
PIPE INVERT	39.36	39.43
STRUCTURE DEPTH (m)	1.87	1.20
PIPE DEPTH INVERT (m)	1.42	1.15
PIPE / GRADE	225mm RCRRJ 13.18m @ 0.50%	
CHAINAGE	0.00	13.18

PV - Alignment - 1B-7 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



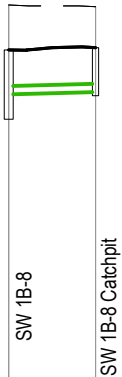
DATUM 32.00m		
EXISTING LEVELS	42.24	42.24
DESIGN LEVELS	40.78	40.57
PIPE INVERT	39.33	39.40
STRUCTURE DEPTH (m)	1.87	1.20
PIPE DEPTH INVERT (m)	1.45	1.16
PIPE / GRADE	225mm RCRRJ 14.27m @ 0.50%	
CHAINAGE	0.00	14.27

PV - Alignment - 1B-7 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



DATUM 34.00m		
EXISTING LEVELS	42.58	42.24
DESIGN LEVELS	41.38	41.63
PIPE INVERT	39.34	40.14 40.14
STRUCTURE DEPTH (m)	1.33	1.38
PIPE DEPTH INVERT (m)	1.45	1.38 1.38
PIPE / GRADE	375mm RCRRJ 38.07m @ 0.54% 375mm RCRRJ 21.57m @ 0.42%	
CHAINAGE	0.00	59.64

PV - Alignment - SW Line 1B-8 to 1B-8A
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m		
EXISTING LEVELS	42.58	42.53
DESIGN LEVELS	41.38	41.44
PIPE INVERT	40.21	40.27
STRUCTURE DEPTH (m)	1.33	1.20
PIPE DEPTH INVERT (m)	1.17	1.17
PIPE / GRADE	225mm RCRRJ 11.49m @ 0.52%	
CHAINAGE	0.00	11.49

PV - Alignment - 1B-8 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m		
EXISTING LEVELS	42.24	42.24
DESIGN LEVELS	41.63	41.71
PIPE INVERT	40.40	40.49
STRUCTURE DEPTH (m)	1.40	1.20
PIPE DEPTH INVERT (m)	1.23	1.22
PIPE / GRADE	225mm RCRRJ 6.31m @ 1.32%	
CHAINAGE	0.00	6.31

PV - Alignment - SW 1B-8A Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m		
EXISTING LEVELS	42.24	42.25
DESIGN LEVELS	41.63	41.70
PIPE INVERT	40.42	40.49
STRUCTURE DEPTH (m)	1.40	1.20
PIPE DEPTH INVERT (m)	1.21	1.21
PIPE / GRADE	225mm RCRRJ 8.78m @ 0.86%	
CHAINAGE	0.00	8.78

PV - Alignment - SW 1B-8A Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

M

A

E

N

Maven Waikato

07 242 0601

info@maven.co.nz

www.maven.co.nz

Level 1 286 Victoria Street, Hamilton

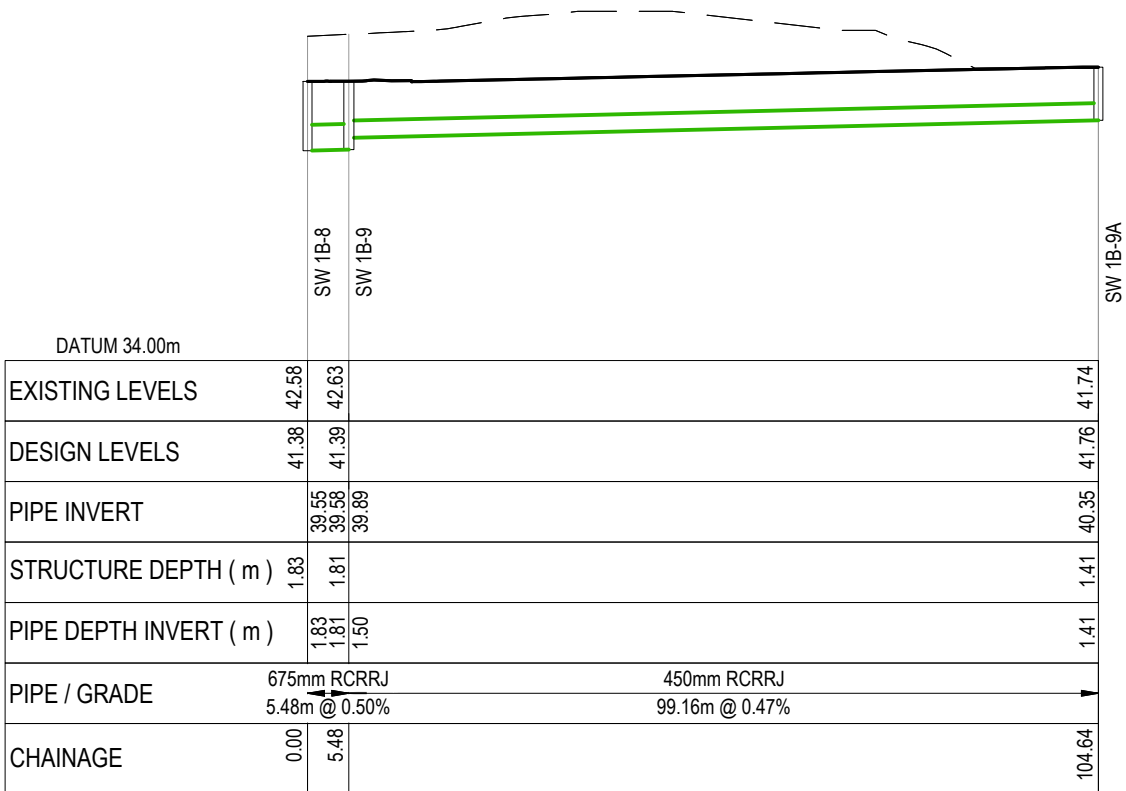
New Zealand

Project
SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED

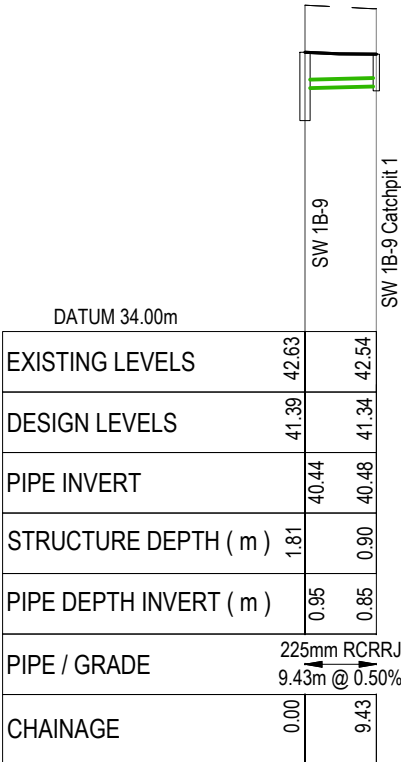
Title
PROPOSED
STORMWATER
LONG SECTIONS

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-8
Rev	A

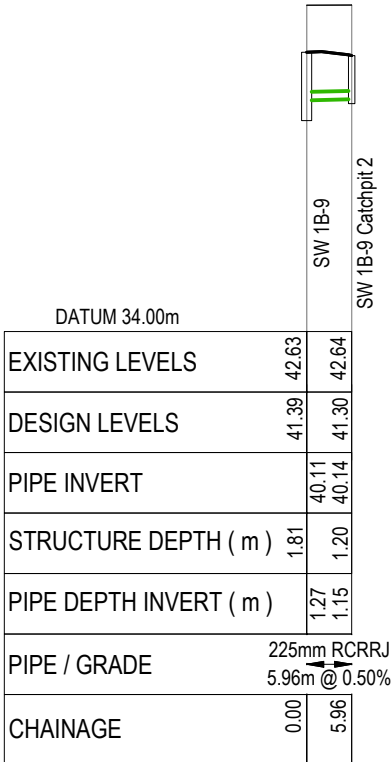
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



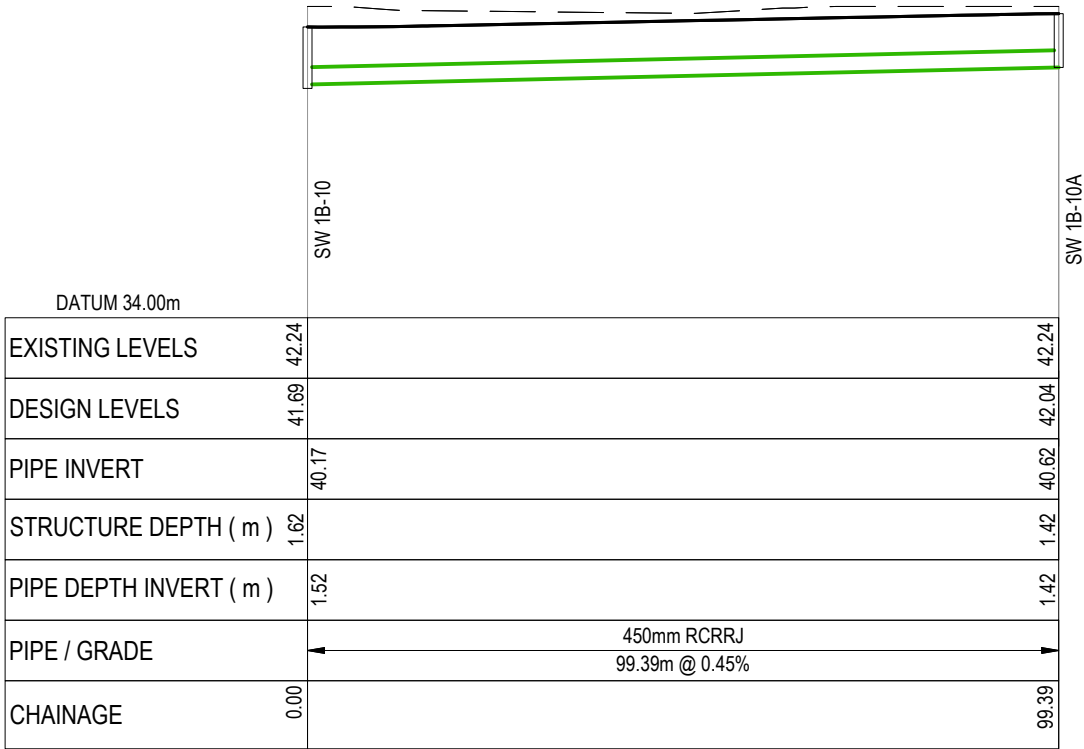
PV - Alignment - SW 1B-8 to 1B-9A
SCALE: HORI 1:1000 VERT 1:200



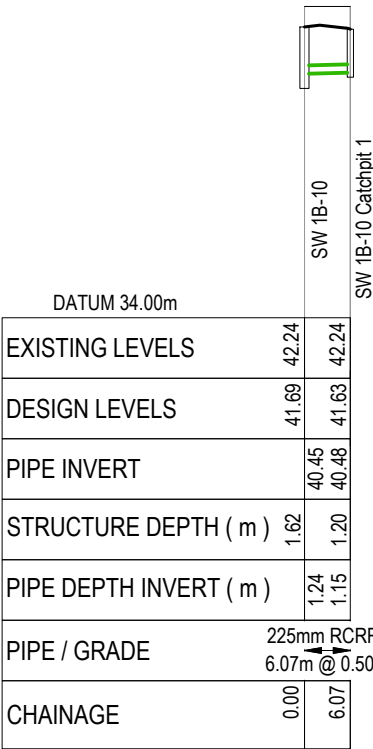
PV - Alignment - 1B-9 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



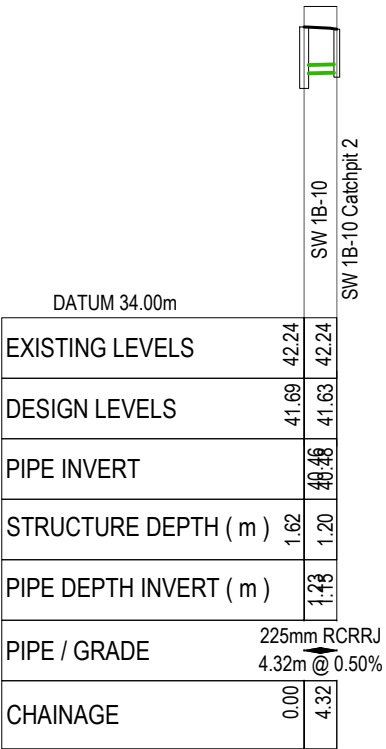
PV - Alignment - 1B-9 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 1B-10 to 1B-10A
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - 1B-10 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - 1B-10 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

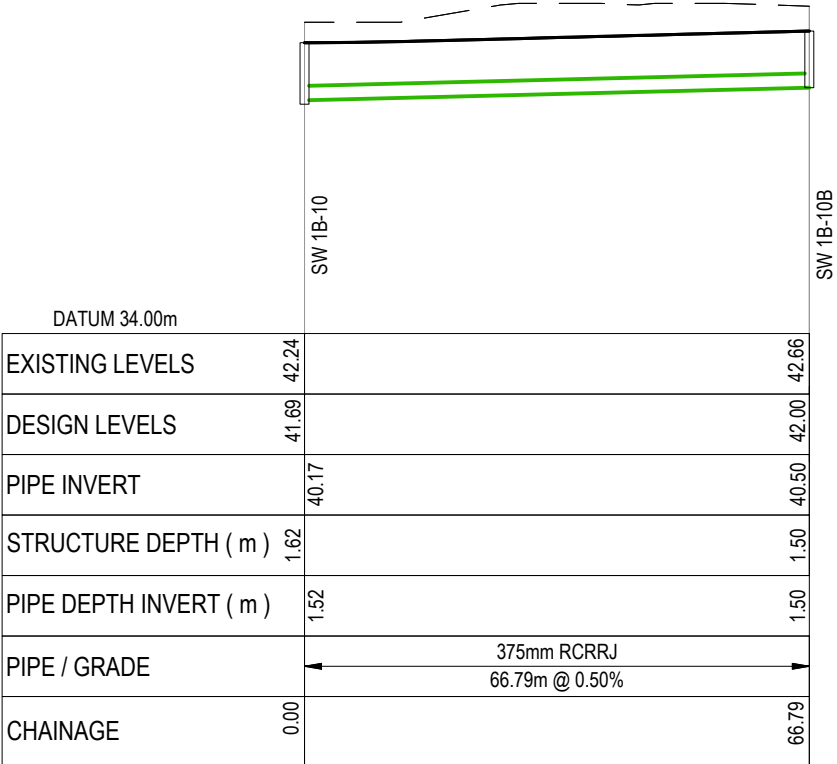


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

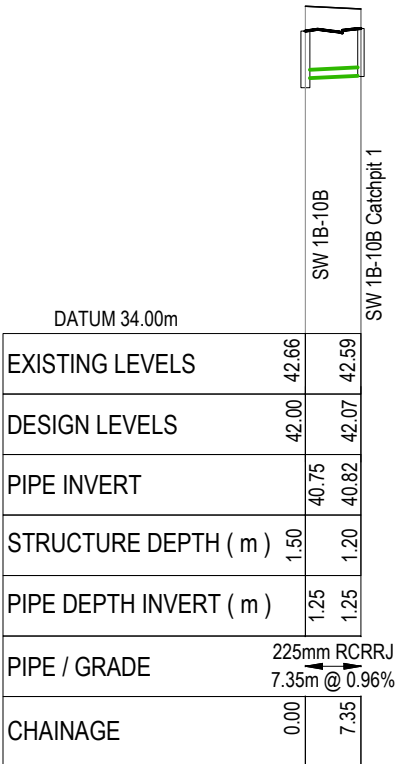
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-9
Rev	A

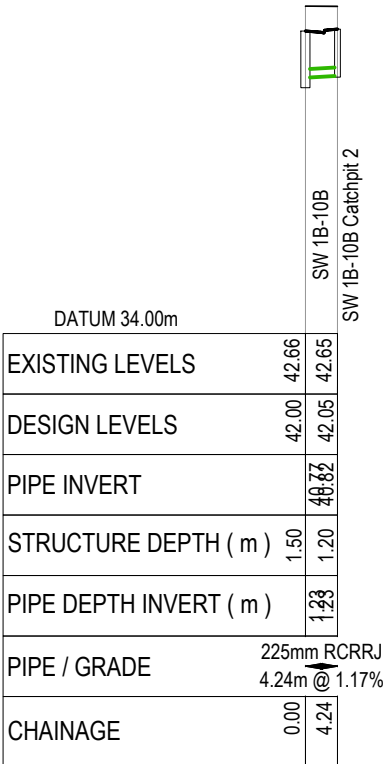
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



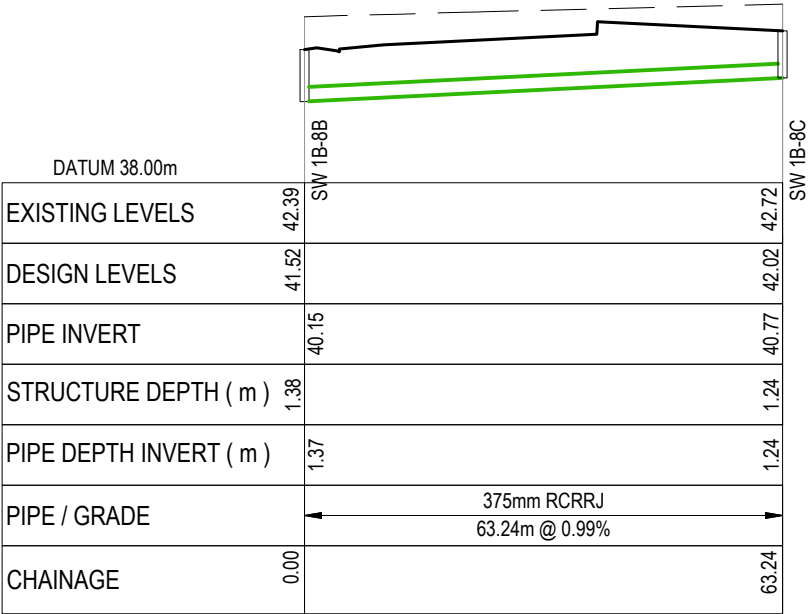
PV - Alignment - SW Line 1B-10 to 1B-10B
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 1B-10B Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 1B-10B Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 1B-8B to 1B-BC (1)
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	11/2025	
Checked	DJM	11/2025	

M **Maven Waikato**
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project

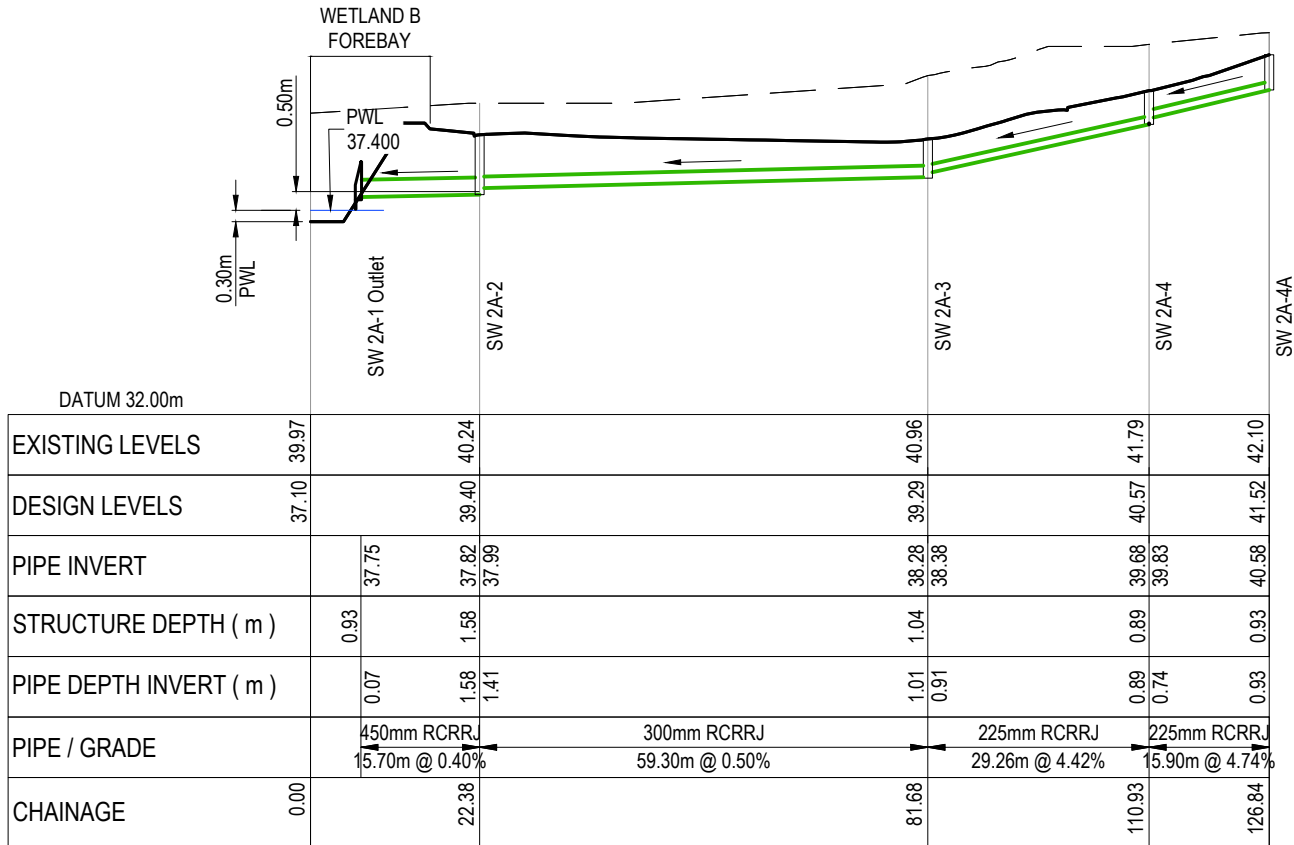
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title

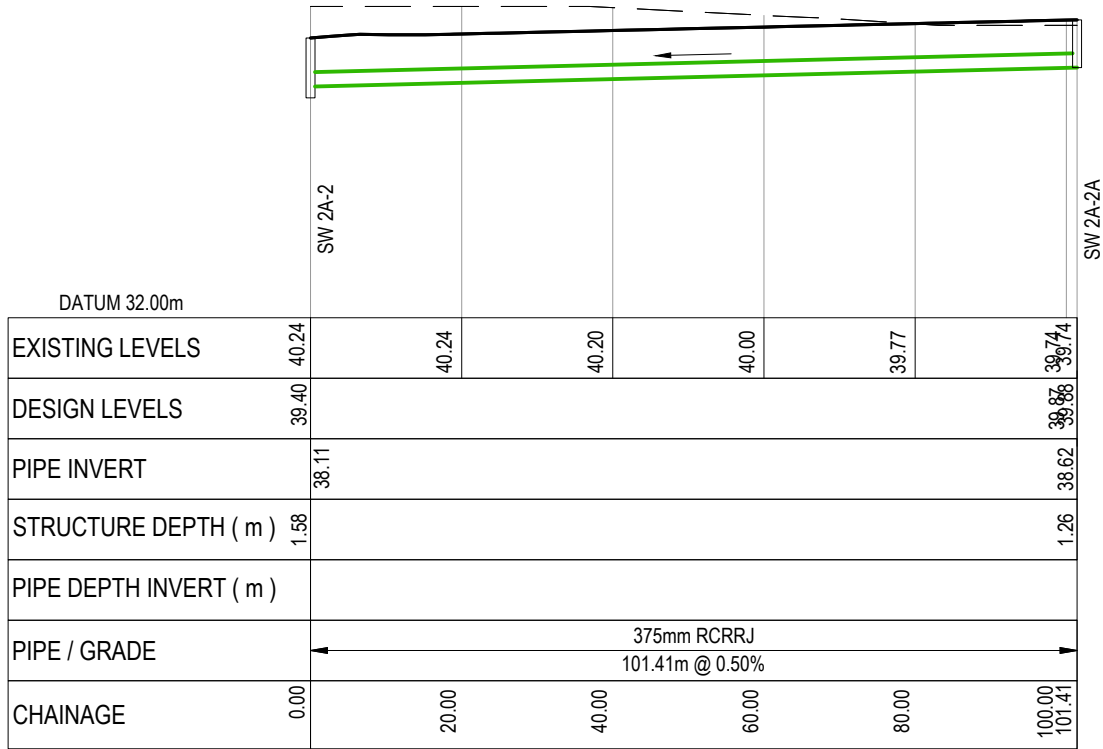
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-10	Rev	A

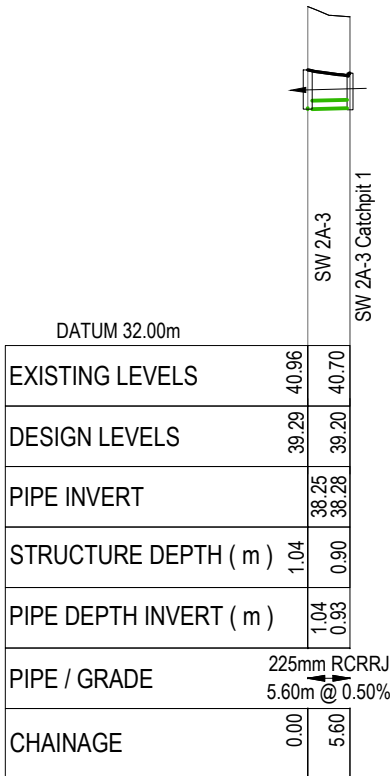
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



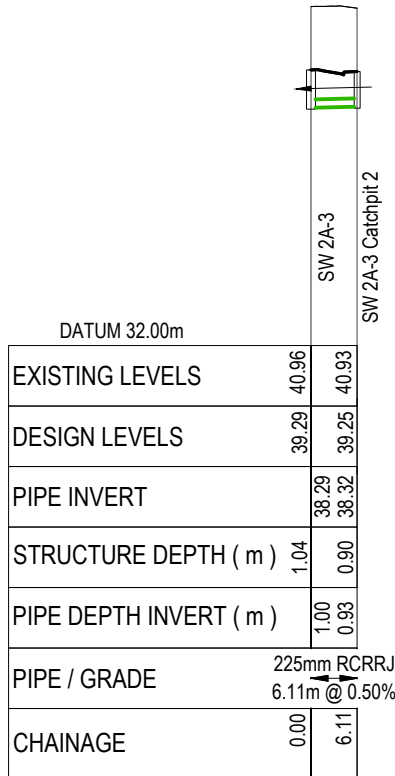
PV - Alignment - SW Line 2A-4A for Modelling
SCALE: HORI 1:1000 VERT 1:200



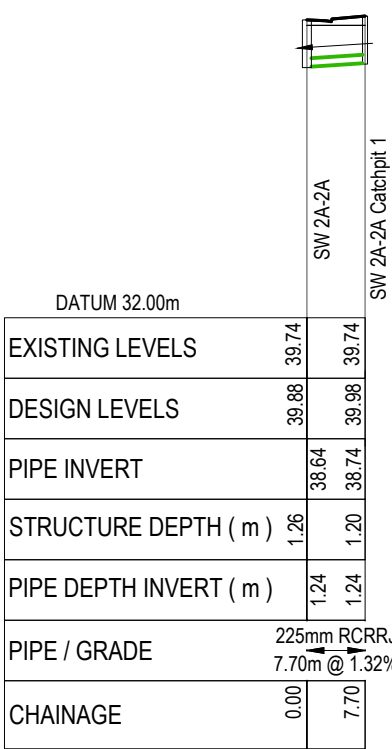
PV - Alignment - SW 2A-2 to 2A-2A
SCALE: HORI 1:1000 VERT 1:200



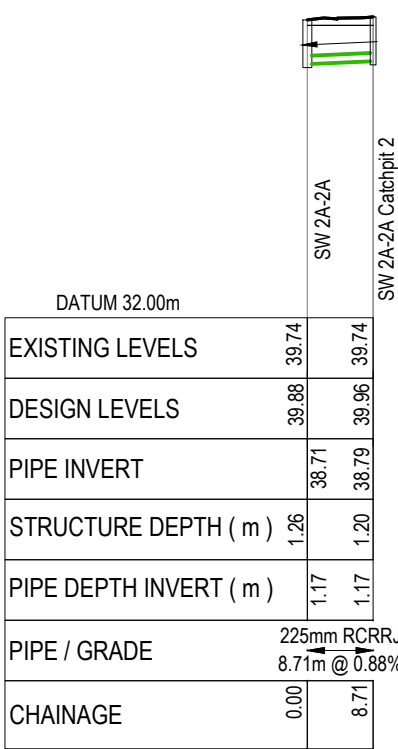
PV - Alignment - SW 2A-3 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2A-3 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2A-2A Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2A-2A Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



Project

SOUTHERN LINKS 1

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

PROPOSED

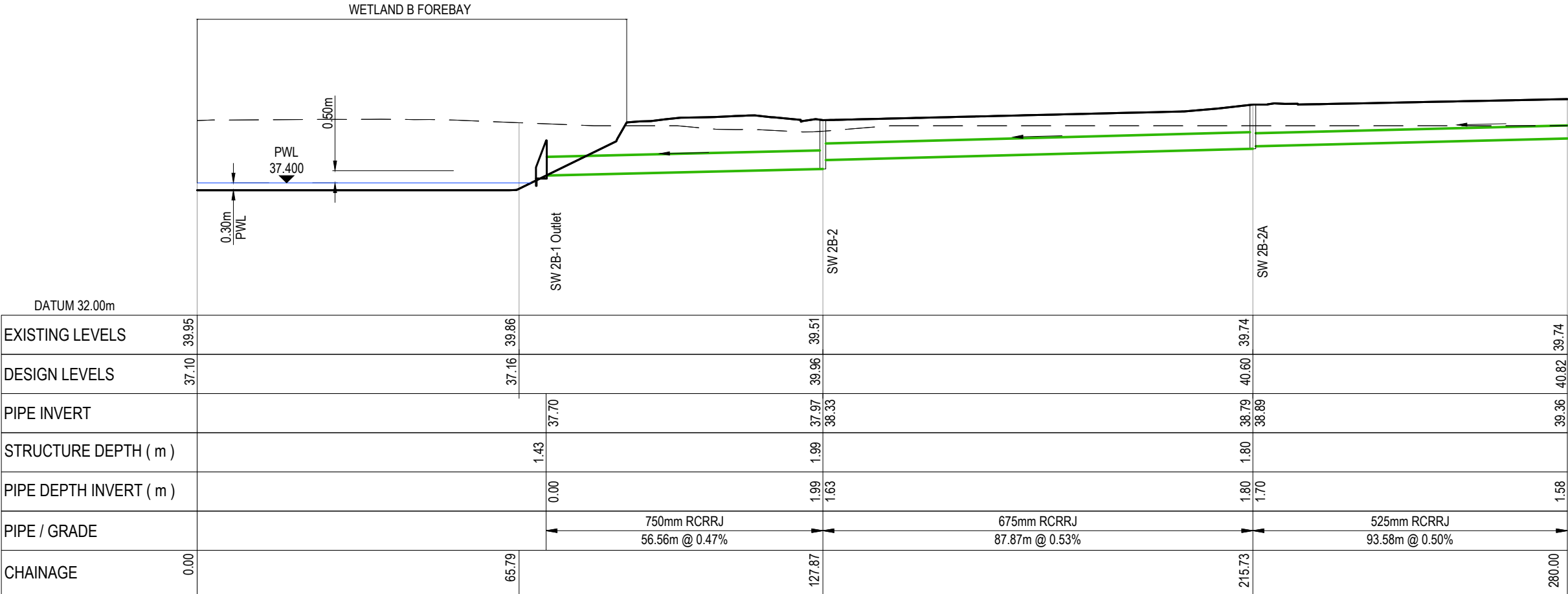
STORMWATER

LONG SECTIONS

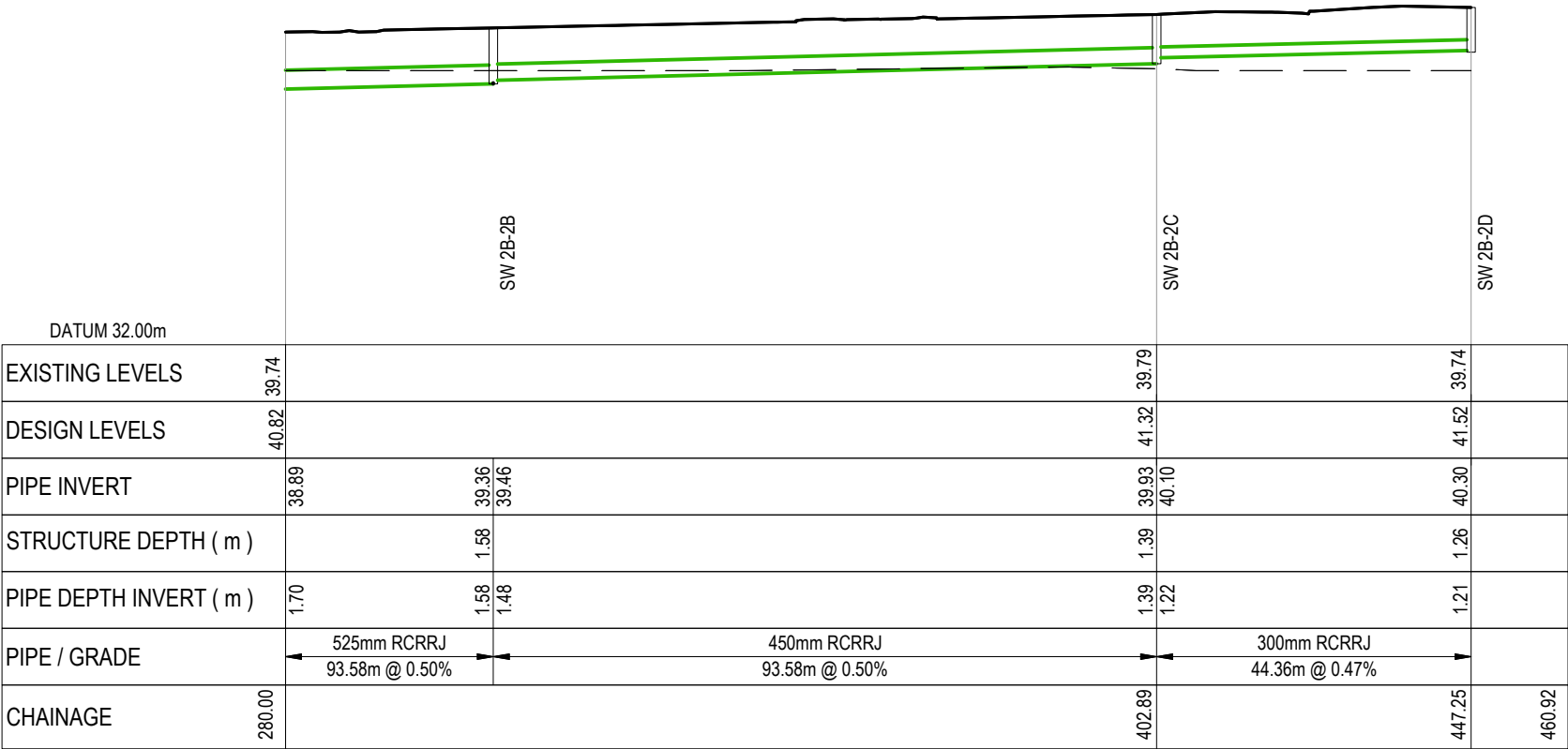
Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-11
Rev	A

RESOURCE CONSENT

DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



PV - Alignment - SW Line 2B-1 Outlet to 2B-2E (1 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 2B-1 Outlet to 2B-2E (1 of 2) (1)
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

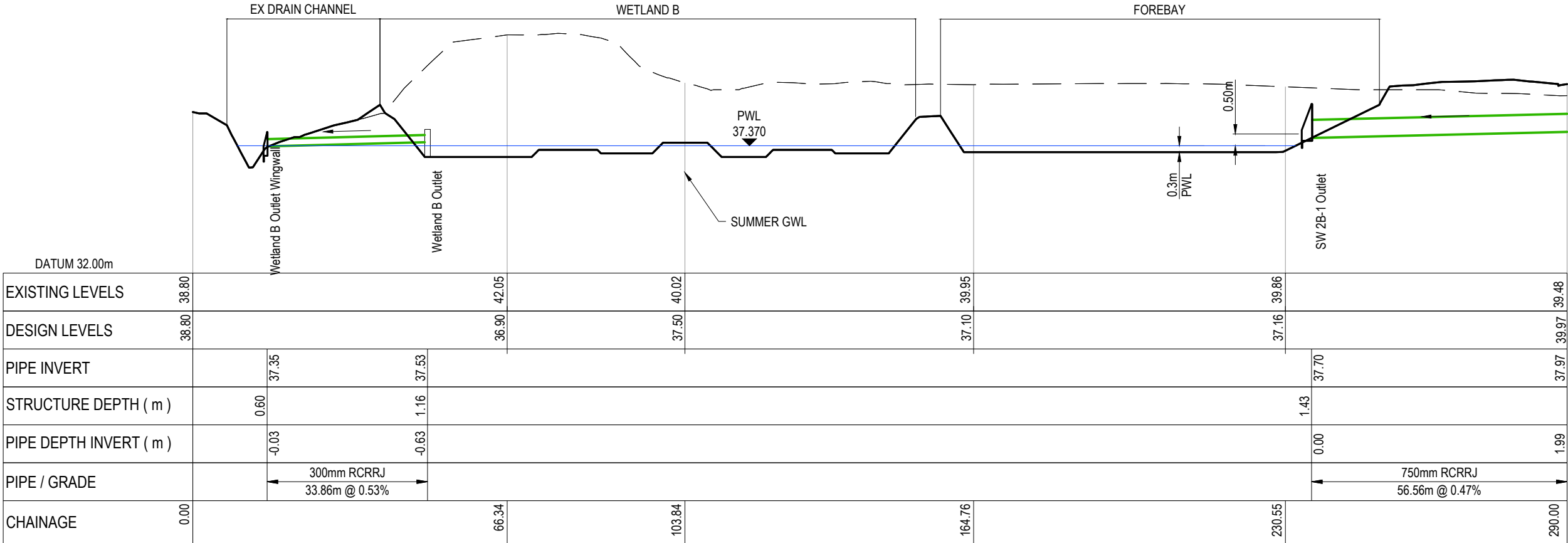
M **MAVEN** **Waikato**
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

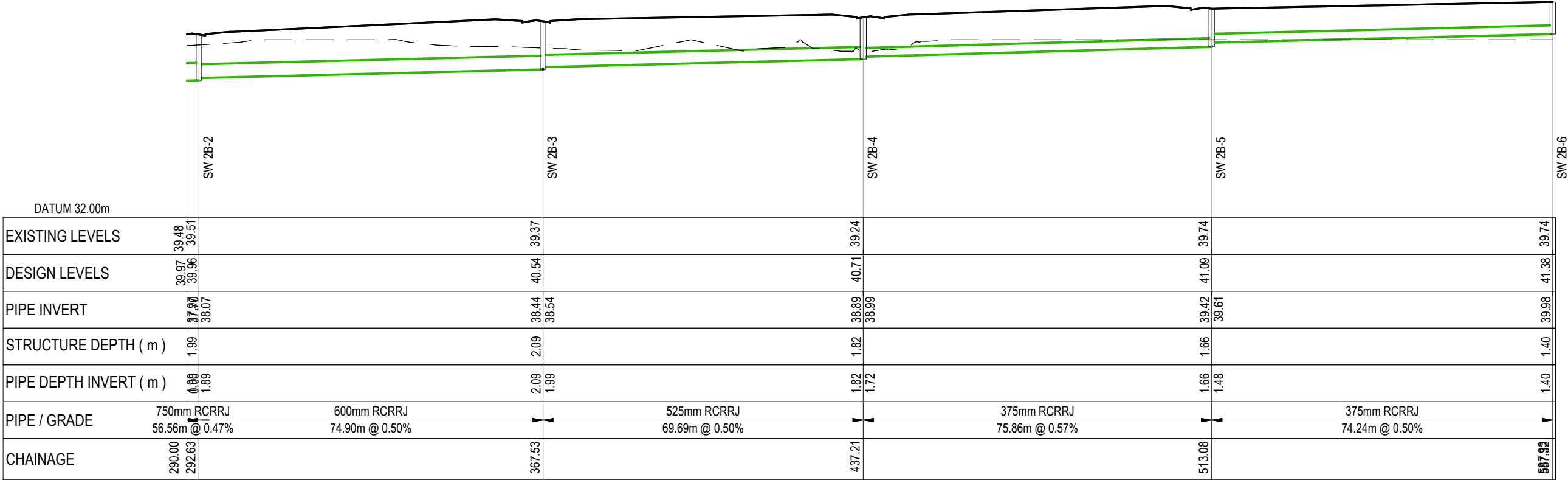
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-12
Rev	A

DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



PV - Alignment - SW Line 2B-1 Outlet to 2B-6 (1 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 2B-1 Outlet to 2B-6 (2 of 2)
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

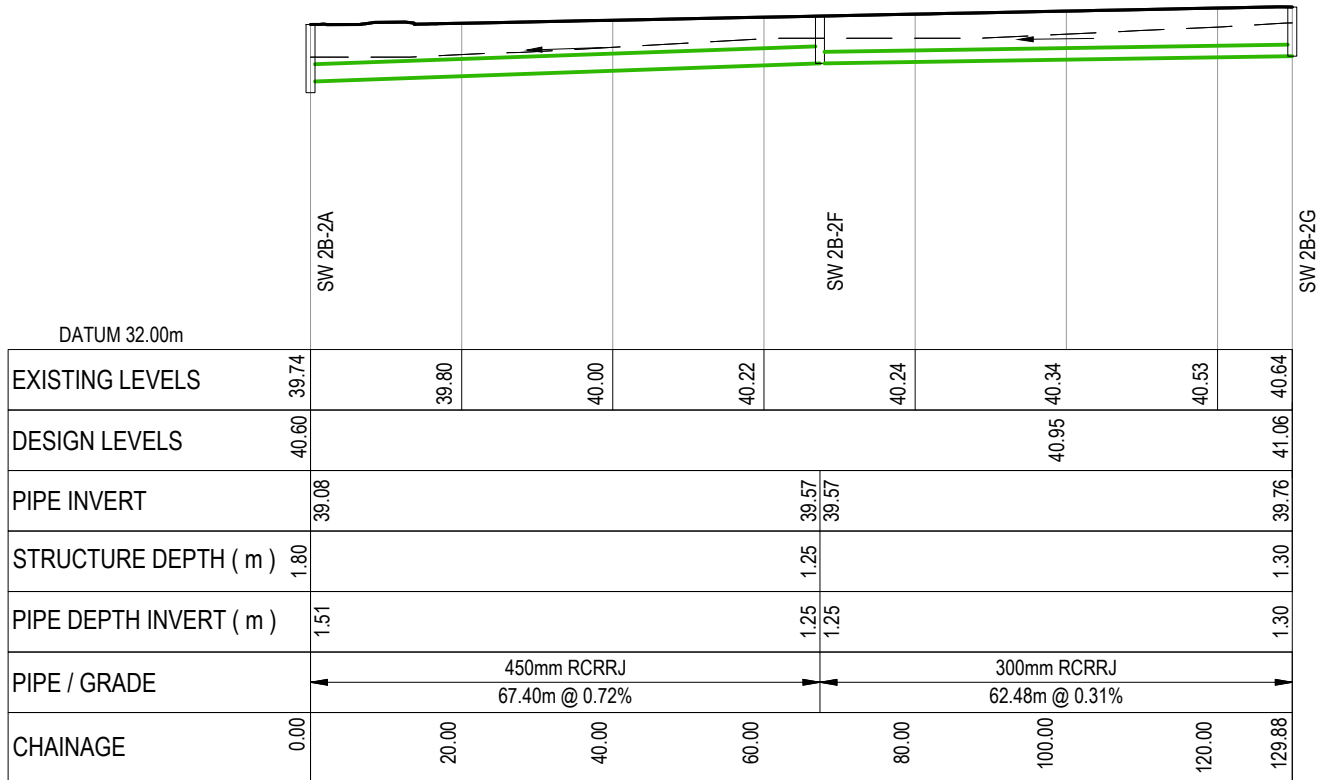


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

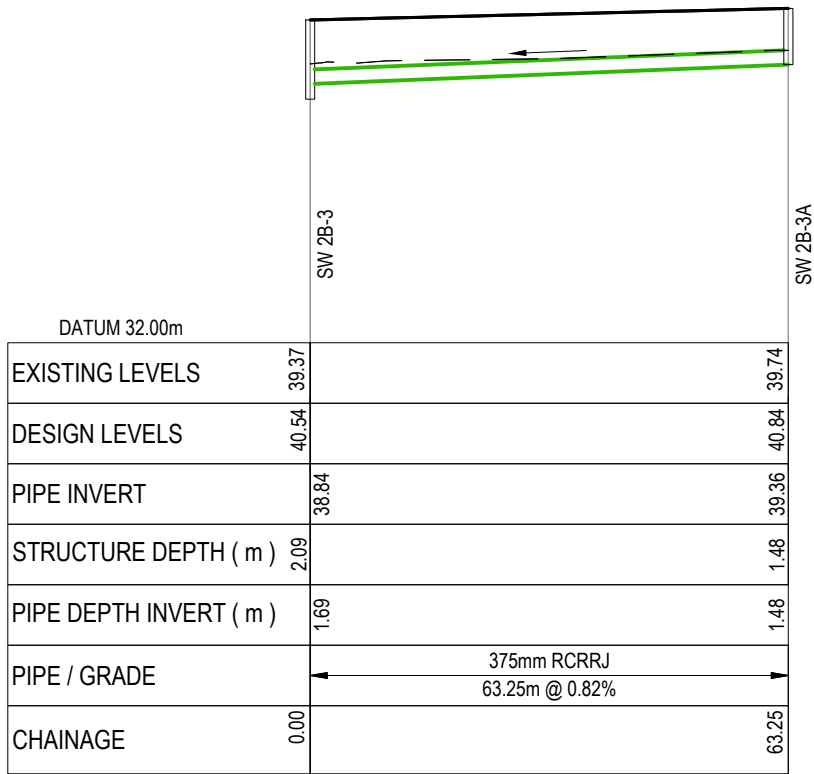
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-13
Rev	A

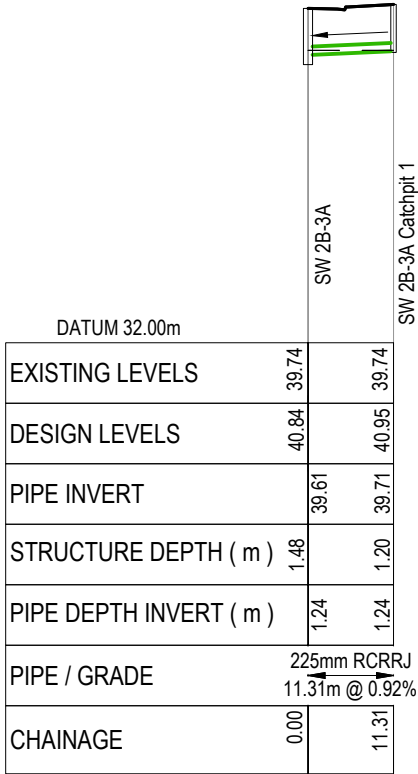
DATE: 8/20/25 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\B1G R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



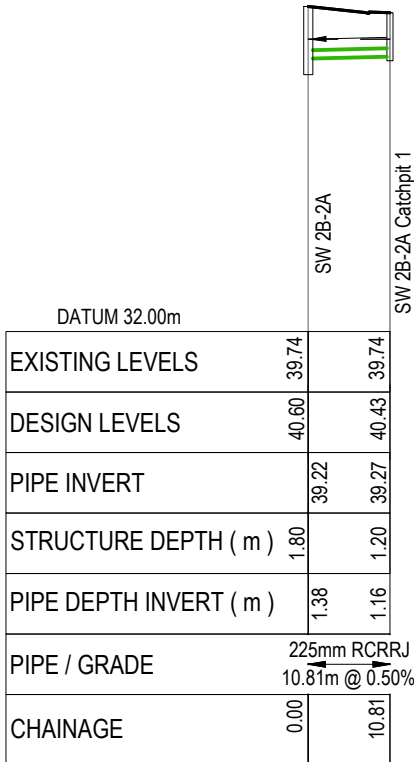
PV - Alignment - SW 2B-4
SCALE: HORI 1:1000 VERT 1:200



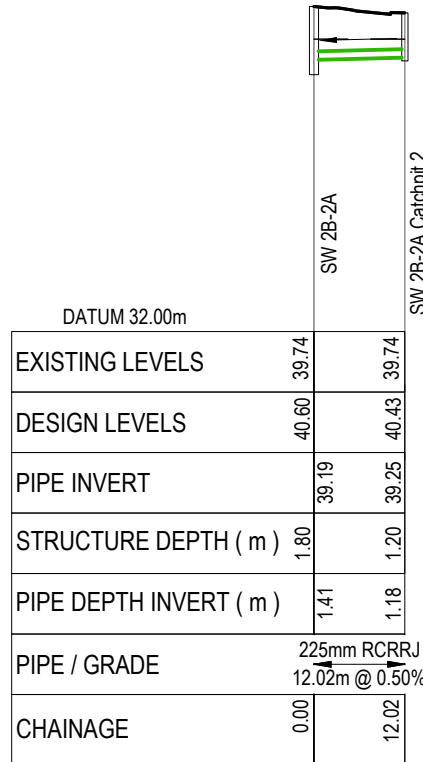
PV - Alignment - SW Line 2B-2B to 2B-2 for Modelling
SCALE: HORI 1:1000 VERT 1:200



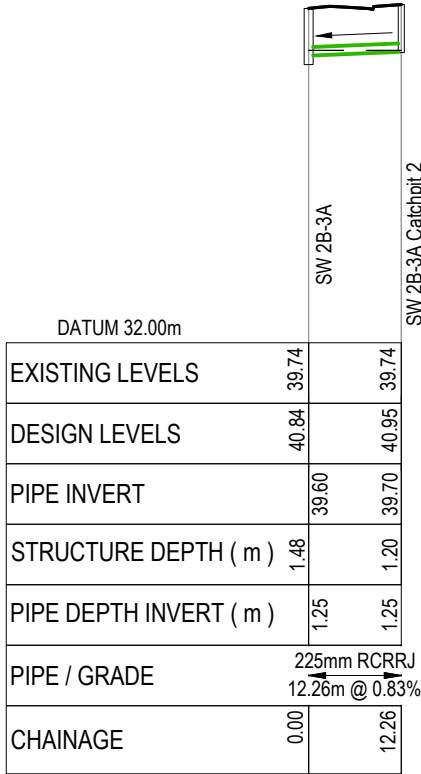
PV - Alignment - SW 2B-3A Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2B-2A Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2B-2A Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2B-3A Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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



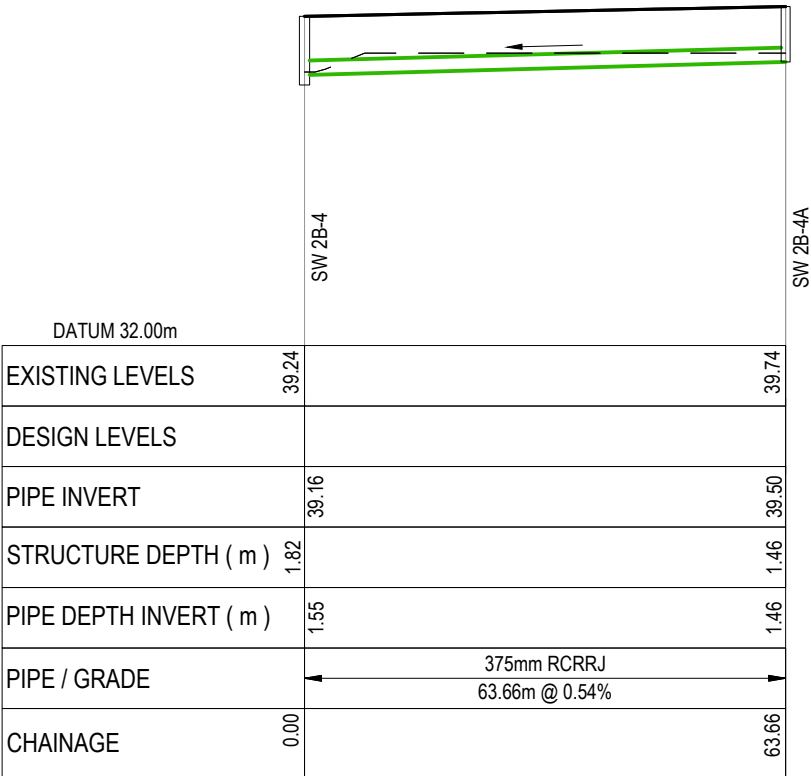
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

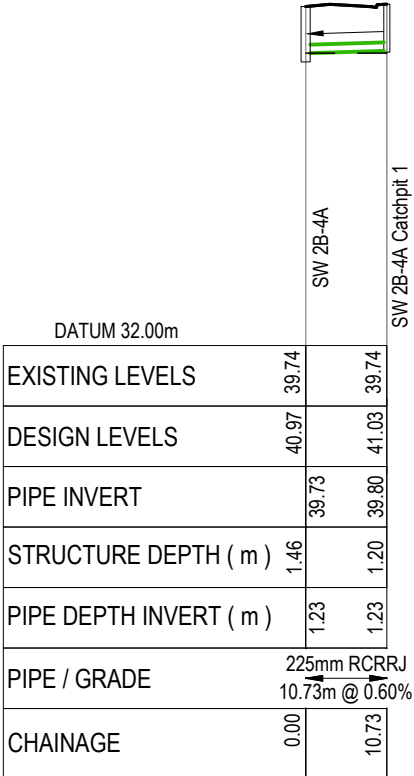
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-14	Rev	A

RESOURCE CONSENT

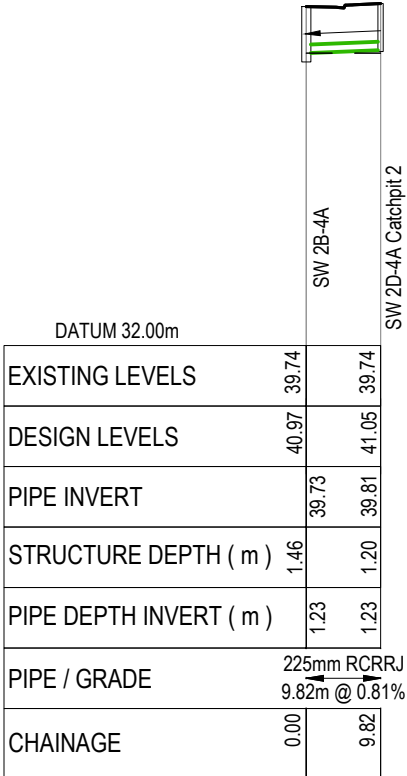
DATE: 8/20/26 FILE PATH: F:\MAVEN\HAMILTON\6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



PV - Alignment - SW Line 2B-4 to 2B-4A
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2B-4A Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2B-4A Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	11/2025	
Checked	DJM	11/2025	

M **MAVEN** **Waikato**
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

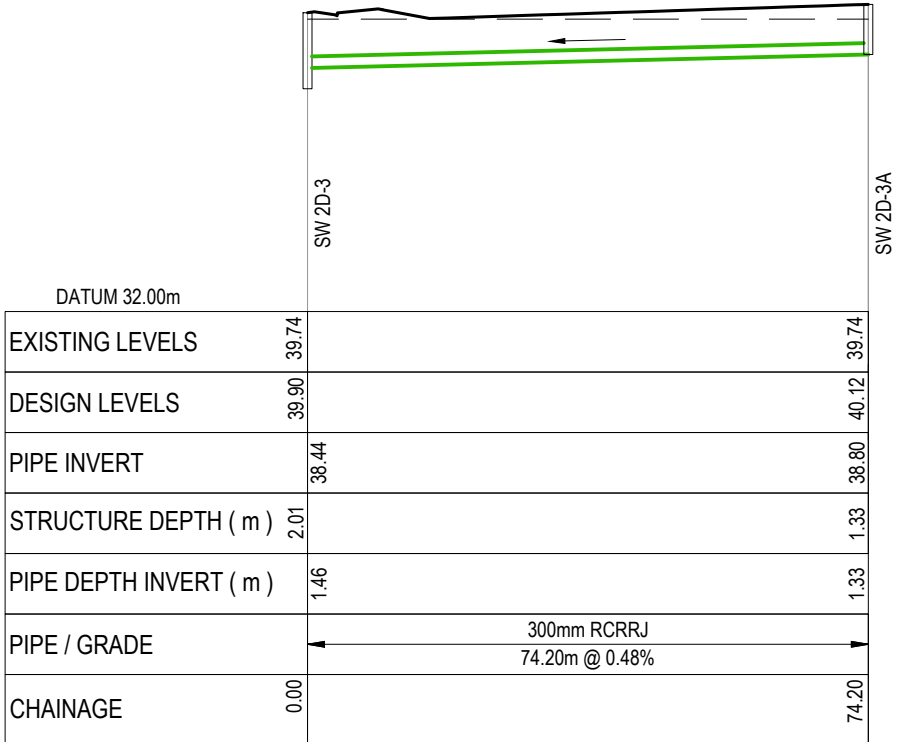
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

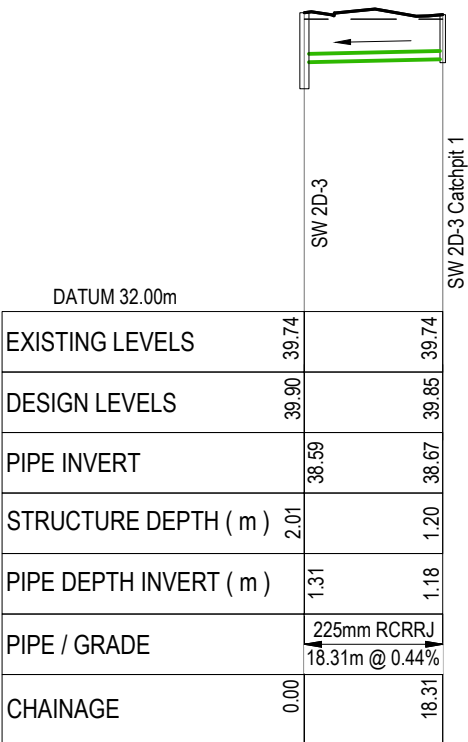
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-15	Rev	A

RESOURCE CONSENT

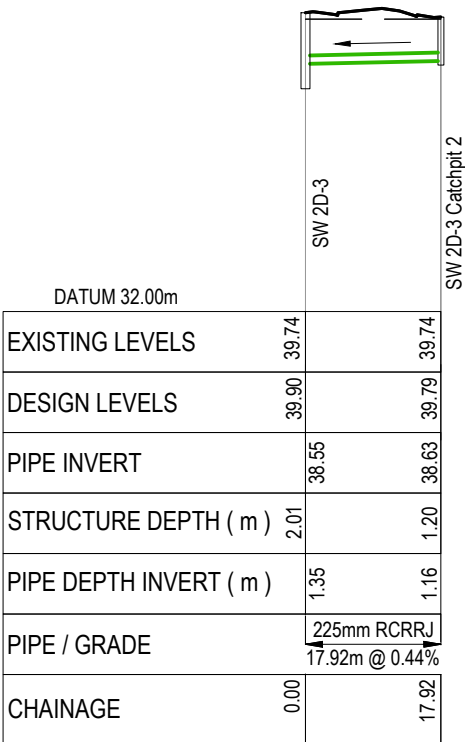
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



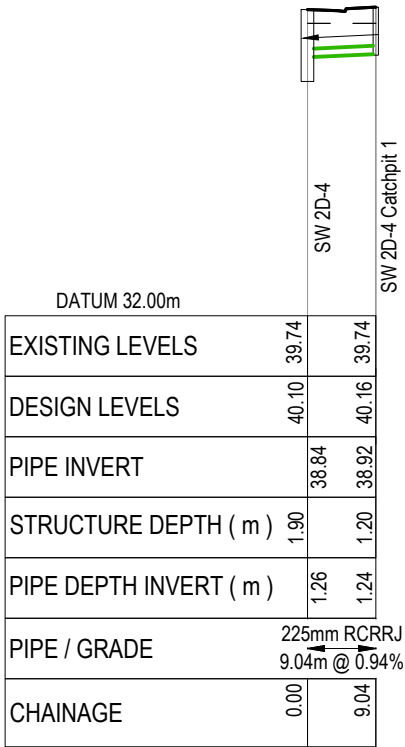
PV - Alignment - SW 2D-3 to 2D-3A
SCALE: HORI 1:1000 VERT 1:200



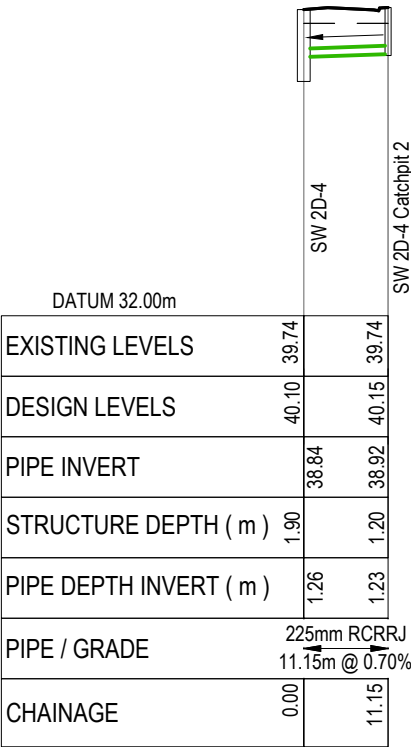
PV - Alignment - SW 2D-3 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



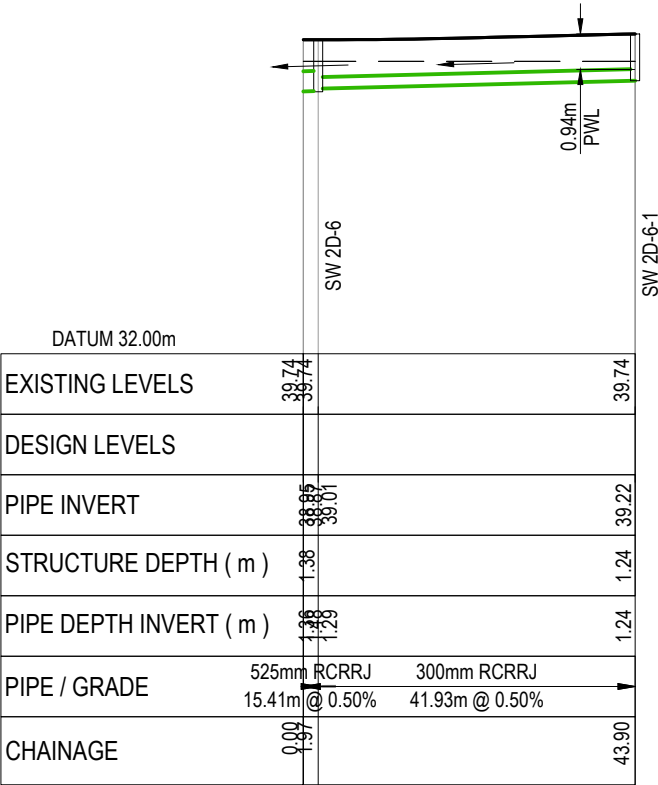
PV - Alignment - SW 2D-3 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2D-4 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2D-4 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 2D-6A for Modelling
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		MAVEN	06/2025
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-17
Rev	A

DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\B10 R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



DATUM 32.00m	
EXISTING LEVELS	39.74 39.74
DESIGN LEVELS	40.31 40.33
PIPE INVERT	39.96 39.96
STRUCTURE DEPTH (m)	1.38 1.20
PIPE DEPTH INVERT (m)	1.23 1.23
PIPE / GRADE	225mm RCRRJ 3.68m @ 1.04%
CHAINAGE	0.00 3.68

PV - Alignment - SW 2D-6 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m	
EXISTING LEVELS	39.74 39.74
DESIGN LEVELS	40.31 40.32
PIPE INVERT	39.05 39.09
STRUCTURE DEPTH (m)	1.38 1.20
PIPE DEPTH INVERT (m)	1.26 1.23
PIPE / GRADE	225mm RCRRJ 5.62m @ 0.78%
CHAINAGE	0.00 5.62

PV - Alignment - SW 2D-6 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m	
EXISTING LEVELS	39.92 39.74
DESIGN LEVELS	
PIPE INVERT	39.42 39.56
STRUCTURE DEPTH (m)	1.34 1.10
PIPE DEPTH INVERT (m)	1.20 1.10
PIPE / GRADE	300mm RCRRJ 42.86m @ 0.32%
CHAINAGE	0.00 38.86

PV - Alignment - SW Line 2D-7 to 2D-7A
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m	
EXISTING LEVELS	39.97 39.92
DESIGN LEVELS	40.62 40.57
PIPE INVERT	39.38 39.42
STRUCTURE DEPTH (m)	1.34 1.20
PIPE DEPTH INVERT (m)	1.24 1.15
PIPE / GRADE	225mm RCRRJ 4.65m @ 0.89%
CHAINAGE	0.00 4.65

PV - Alignment - SW 2D-7 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m	
EXISTING LEVELS	39.97 39.92
DESIGN LEVELS	40.62 40.57
PIPE INVERT	39.38 39.42
STRUCTURE DEPTH (m)	1.34 1.20
PIPE DEPTH INVERT (m)	1.24 1.15
PIPE / GRADE	225mm RCRRJ 1.83m @ 1.93%
CHAINAGE	0.00 1.83

PV - Alignment - SW 2D-7 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m	
EXISTING LEVELS	39.74 39.97 39.99
DESIGN LEVELS	40.91 40.97
PIPE INVERT	39.81 39.88
STRUCTURE DEPTH (m)	1.09 1.25
PIPE DEPTH INVERT (m)	1.09 1.09
PIPE / GRADE	225mm RCRRJ 19.70m @ 0.34%
CHAINAGE	0.00 20.00 23.70

PV - Alignment - SW 2D-8 to 2D-8B
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m	
EXISTING LEVELS	39.99 40.09
DESIGN LEVELS	40.97 41.11
PIPE INVERT	40.02 40.15
STRUCTURE DEPTH (m)	1.25 1.20
PIPE DEPTH INVERT (m)	0.95 0.95
PIPE / GRADE	225mm RCRRJ 8.37m @ 1.60%
CHAINAGE	0.00 8.37

PV - Alignment - SW 2D-8B Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m	
EXISTING LEVELS	39.99 40.02
DESIGN LEVELS	40.97 41.09
PIPE INVERT	39.72 39.84
STRUCTURE DEPTH (m)	1.25 1.20
PIPE DEPTH INVERT (m)	1.25 1.25
PIPE / GRADE	225mm RCRRJ 9.37m @ 1.26%
CHAINAGE	0.00 9.37

PV - Alignment - SW 2D-8B Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

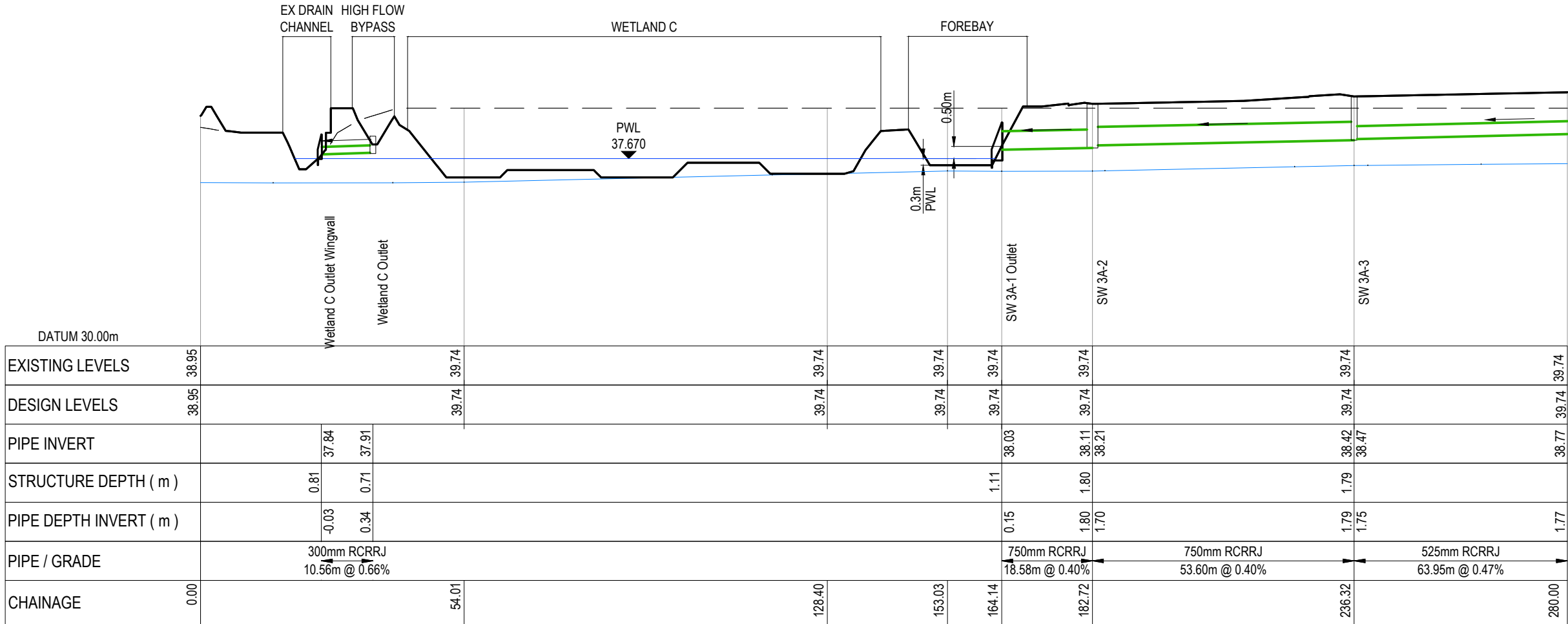


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

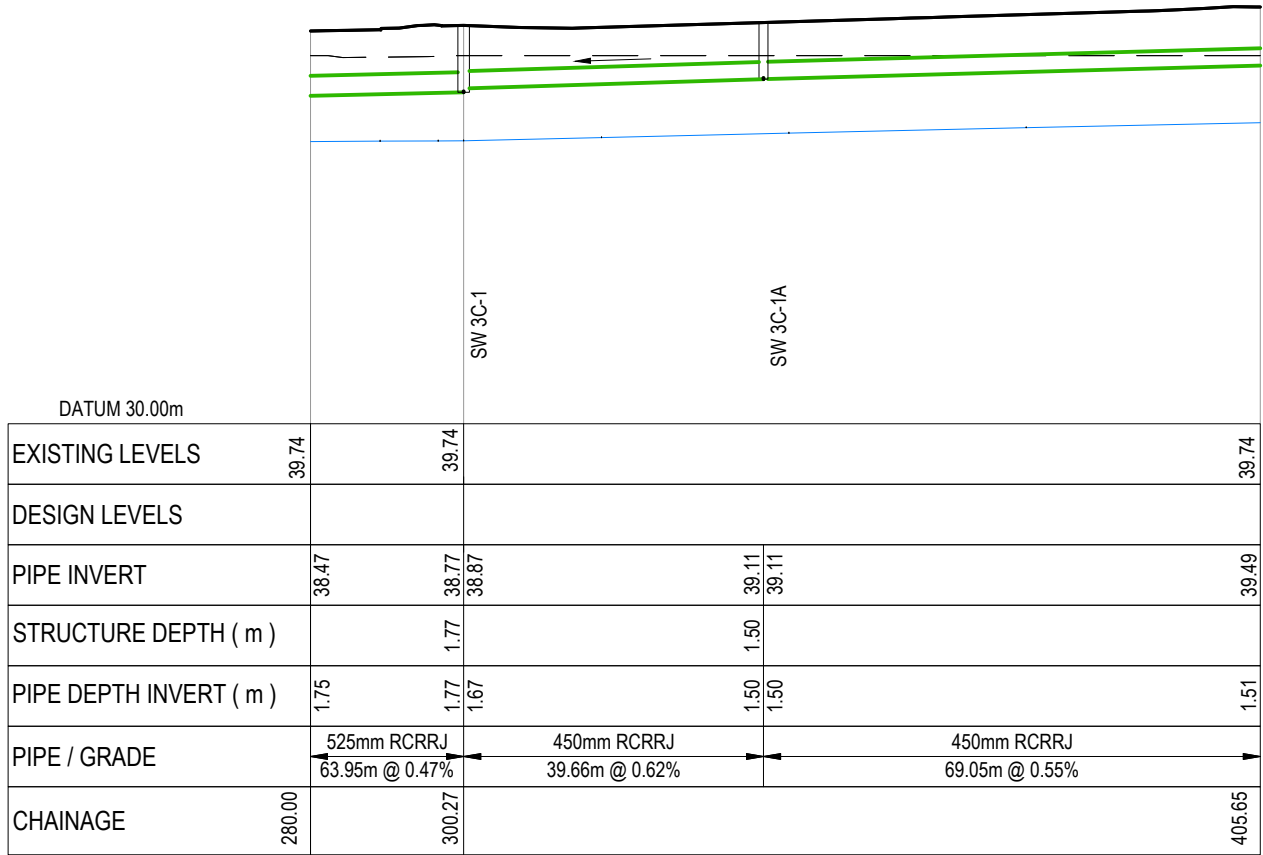
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-18
Rev	A

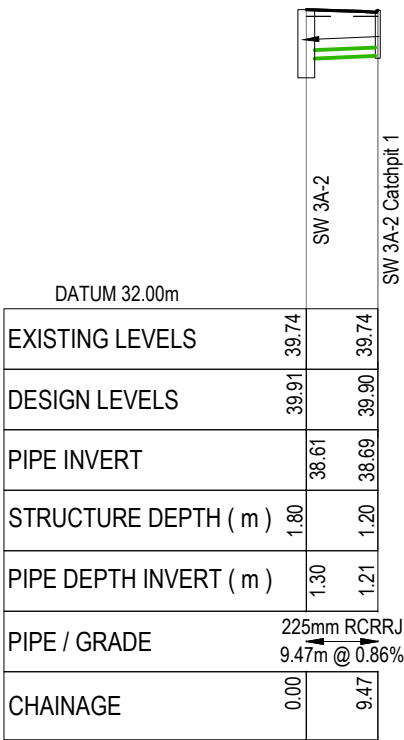
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



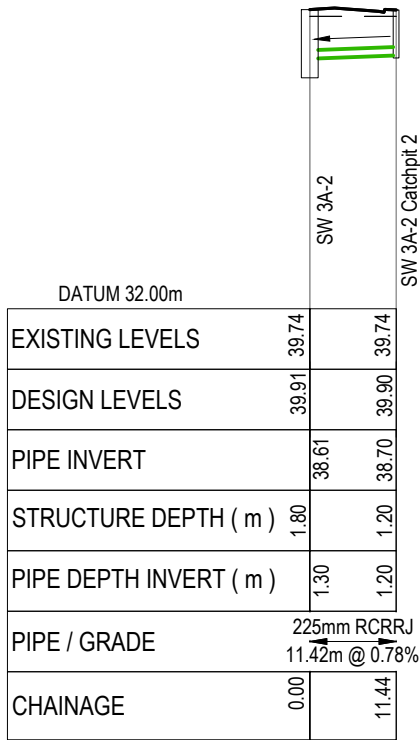
PV - Alignment - SW Line 3A-1 Outlet to 3C-1A (1 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 3A-1 Outlet to 3C-1A (2 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3A-2 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3A-2 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

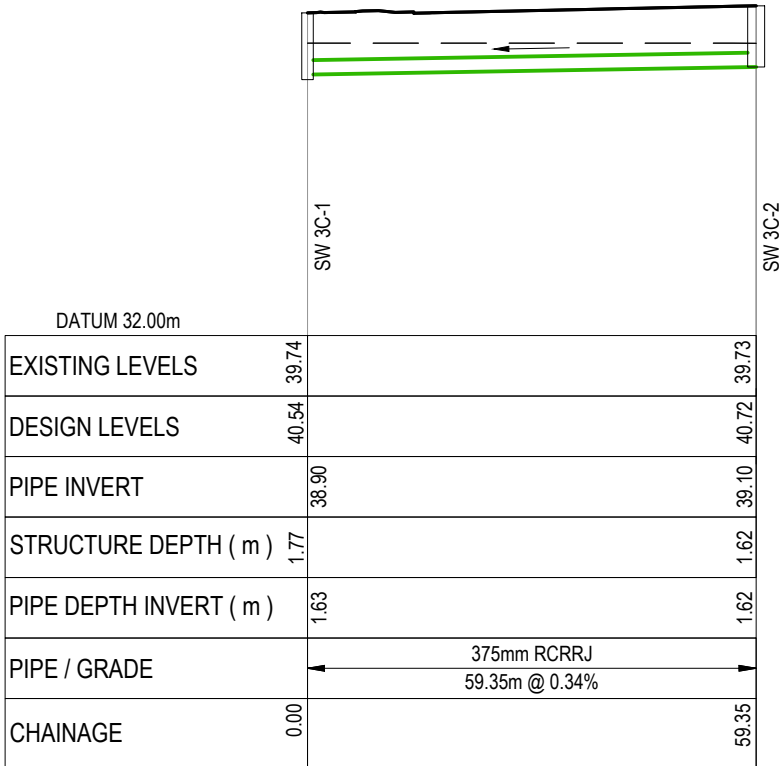


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

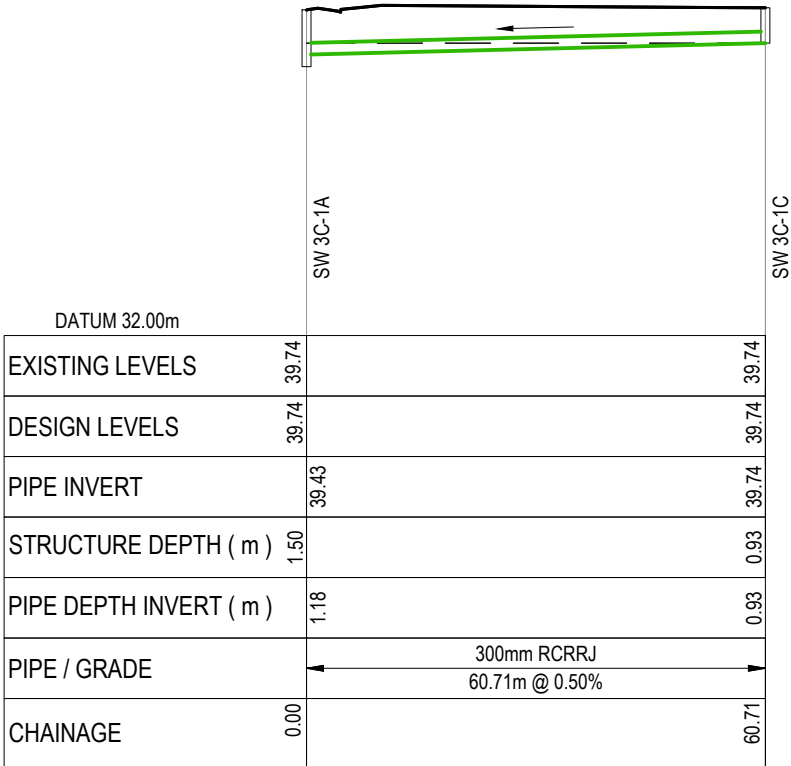
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-19
Rev	A

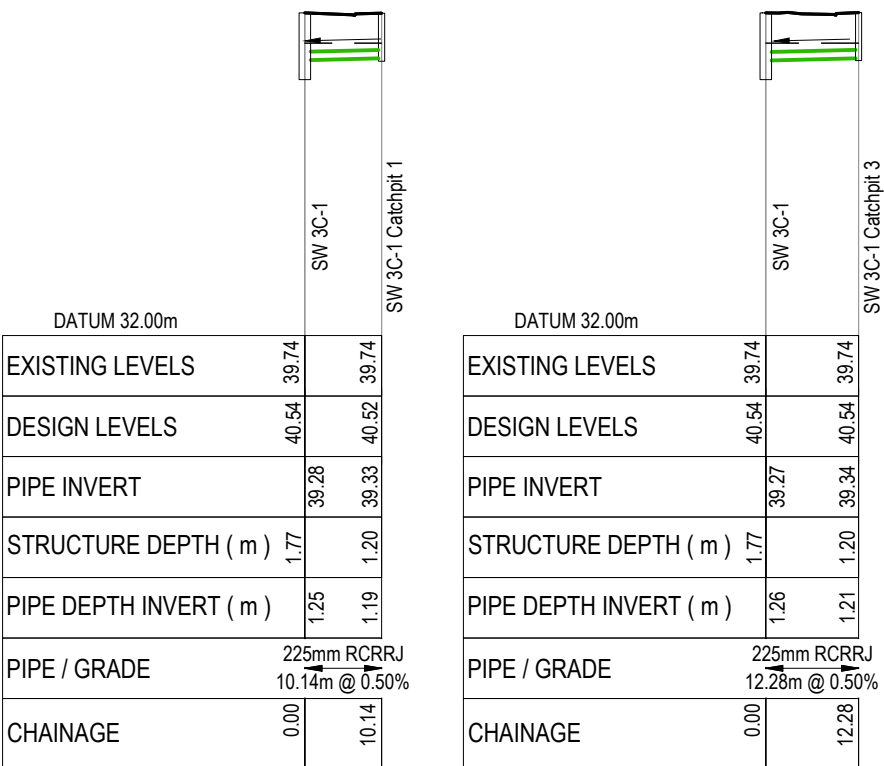
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\ESTG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



PV - Alignment - SW 3C-1 to 3C-2
SCALE: HORI 1:1000 VERT 1:200

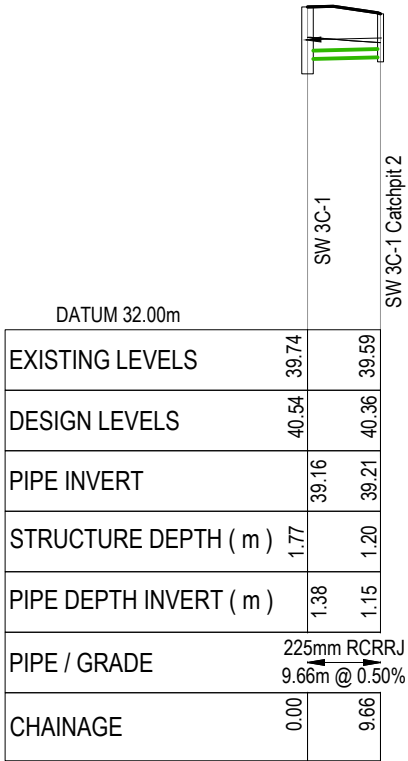


PV - Alignment - SW 3C-1A to 3C-1C
SCALE: HORI 1:1000 VERT 1:200

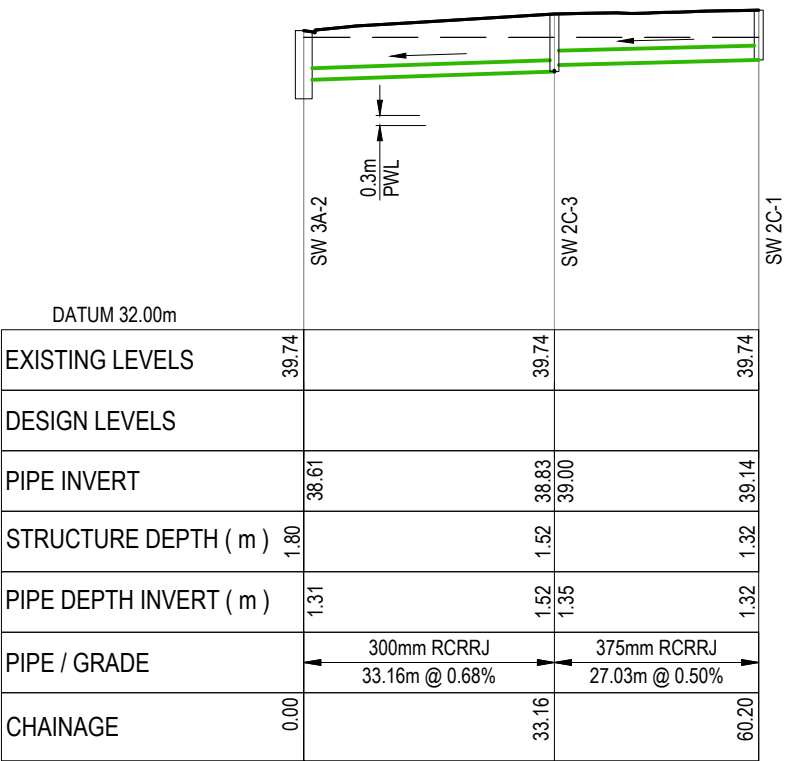


PV - Alignment - SW 3C-1 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200

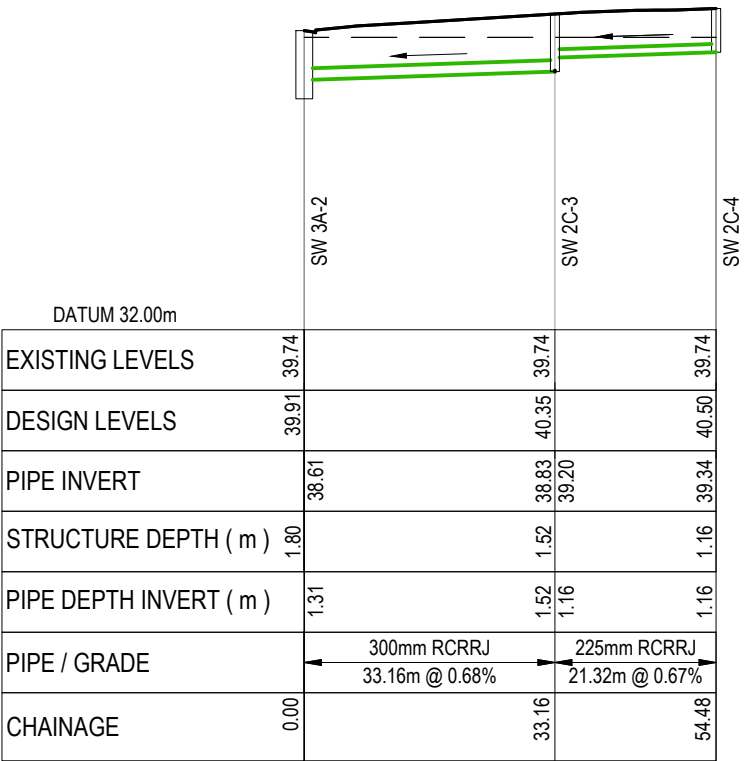
PV - Alignment - SW 3C-1 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3C-1 Catchpit 3
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 3A-1 Outlet to 2C-2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 2C-3 to 3A-2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

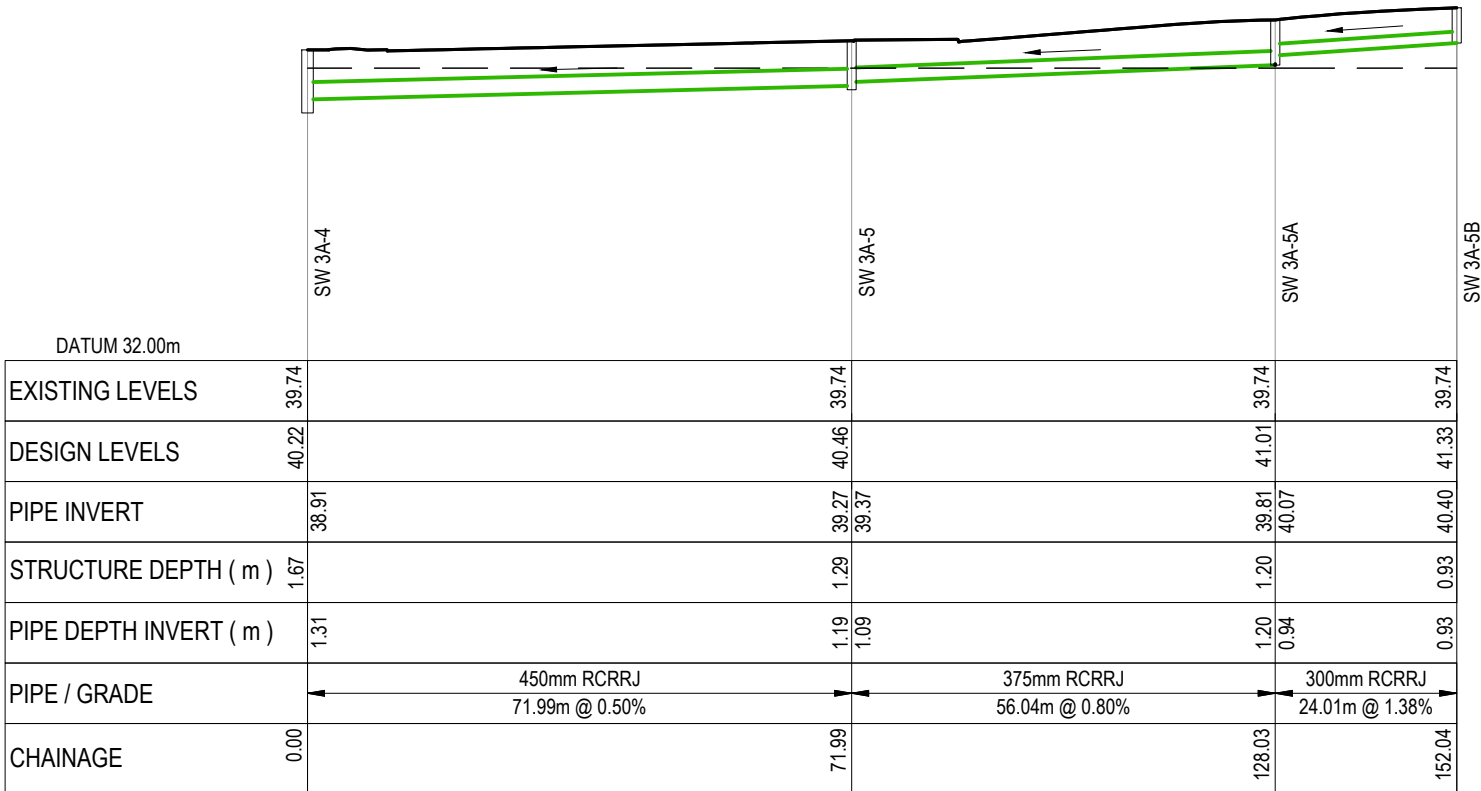


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

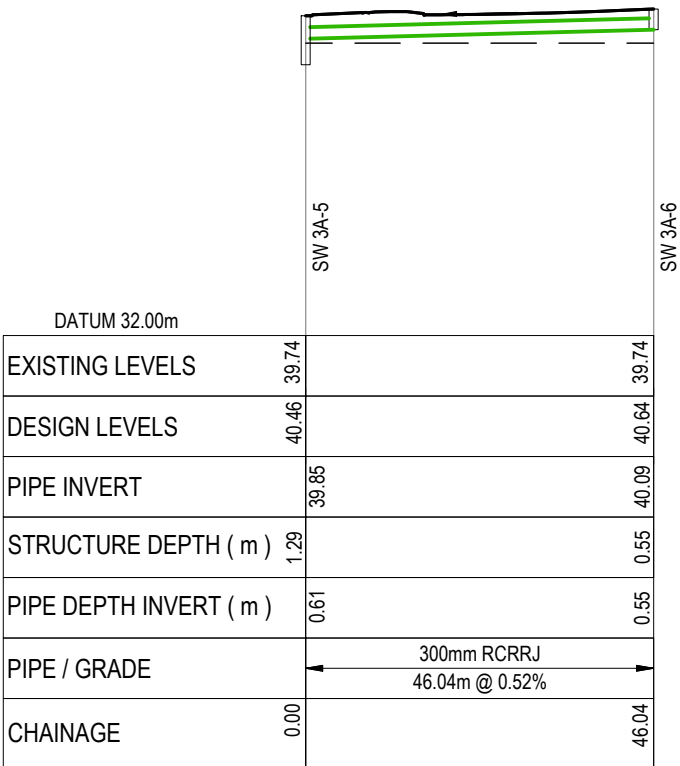
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-20
Rev	A

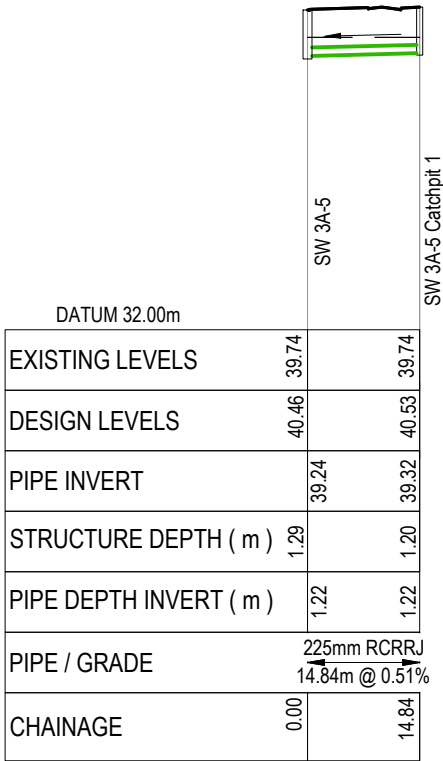
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMITON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



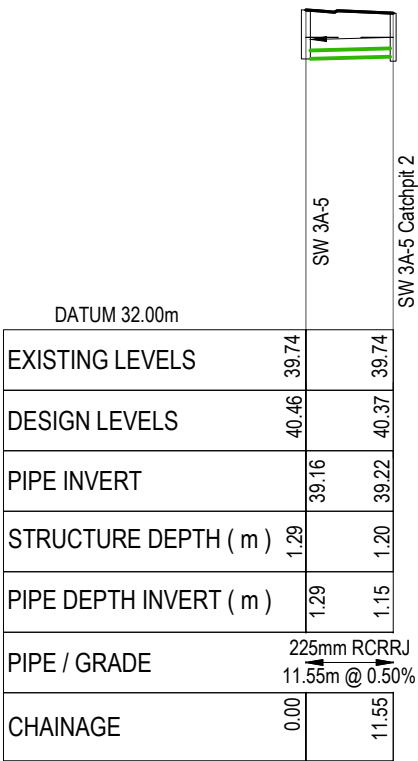
PV - Alignment - SW 3A-4 to 3A-5B
SCALE: HORI 1:1000 VERT 1:200



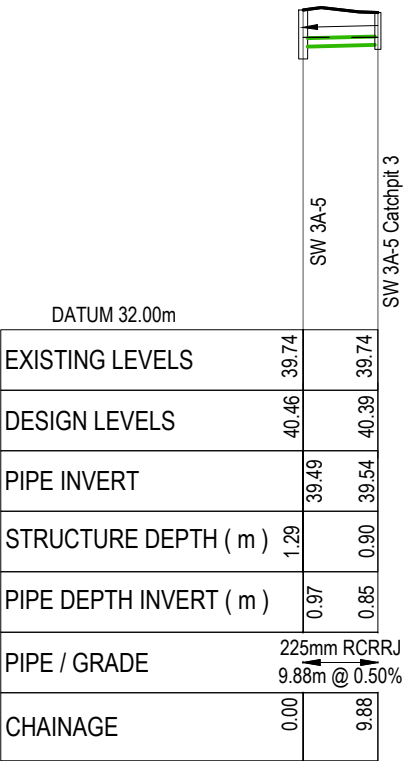
PV - Alignment - SW 3A-5 to 3A-6
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3A-5 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3A-5 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3A-5 Catchpit 3
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

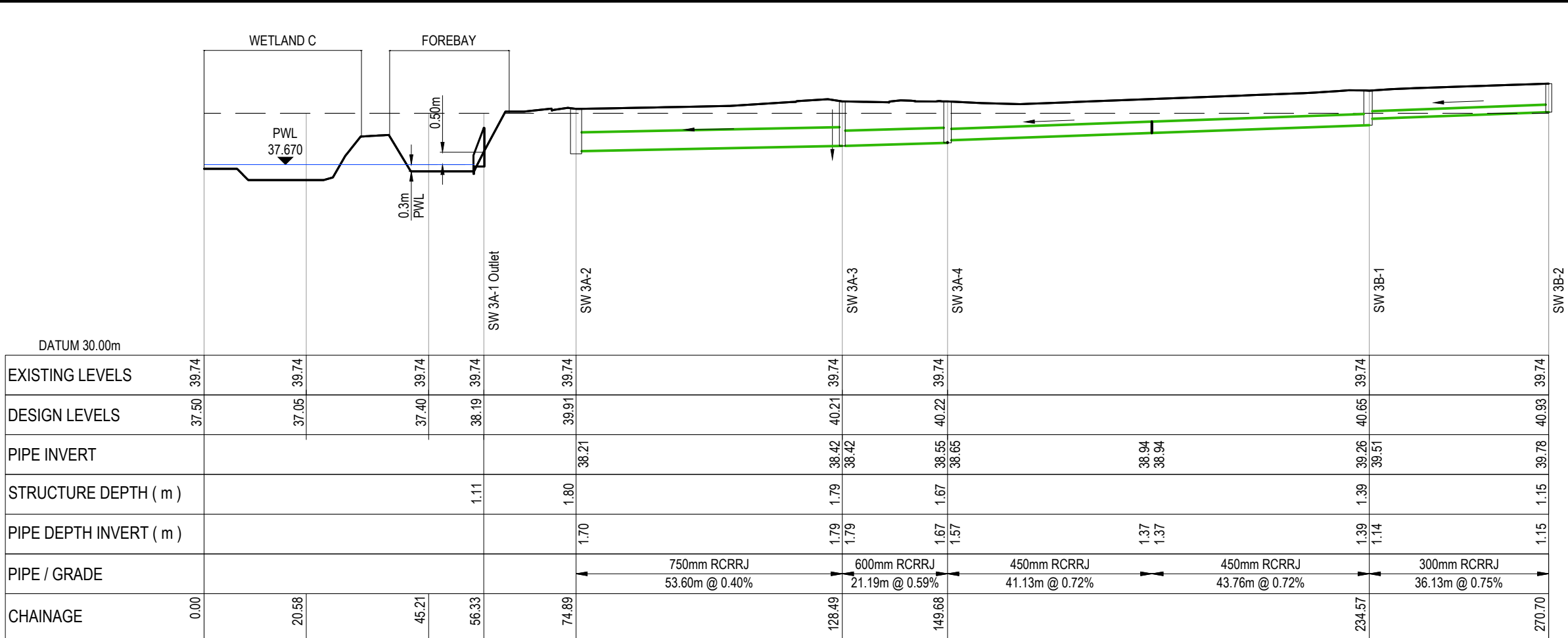


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

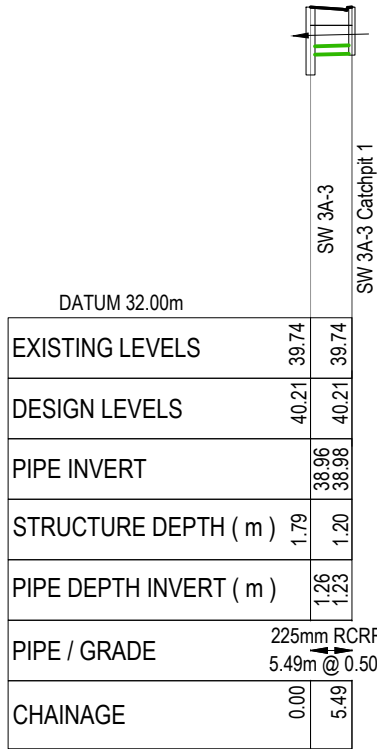
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-21	Rev	A

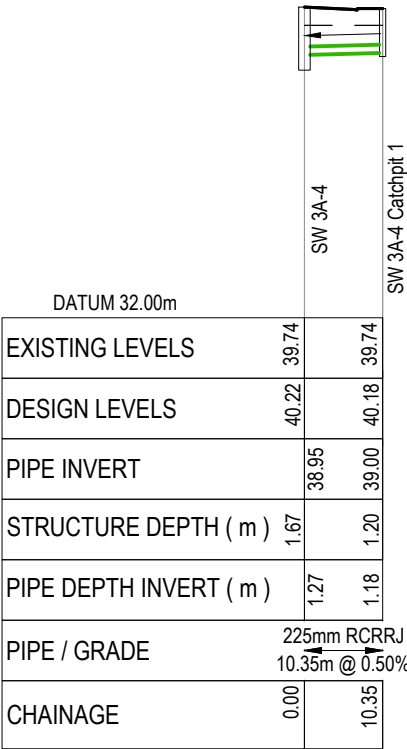
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON\6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



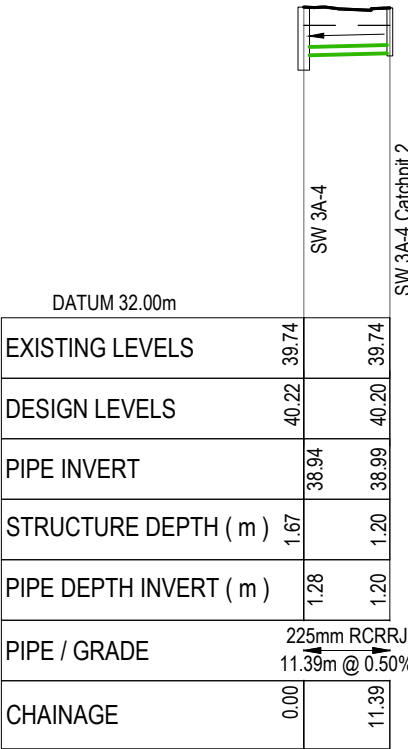
PV - Alignment - SW Line 3A-1 Outlet to 3B-2
SCALE: HORI 1:1000 VERT 1:200



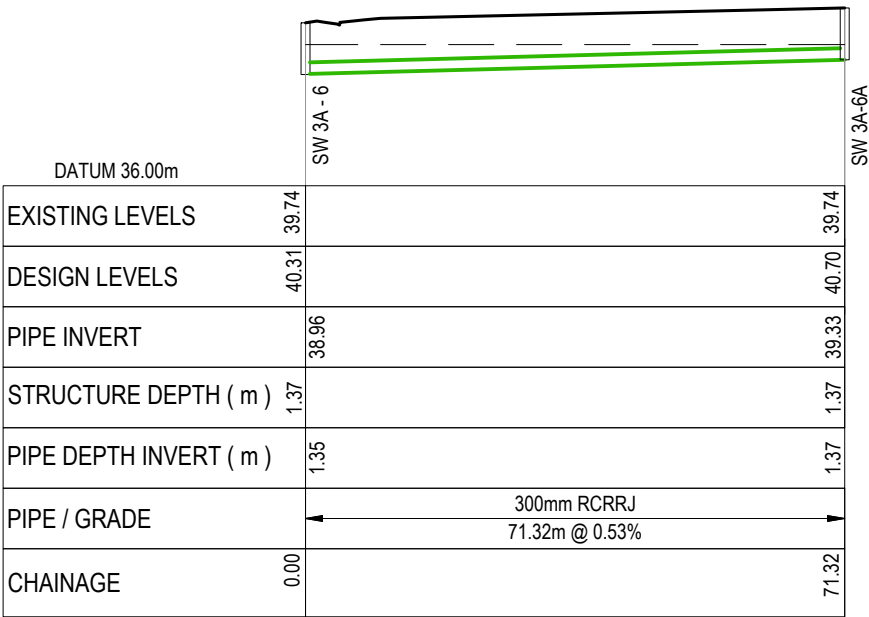
PV - Alignment - SW 3A-3 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3A-4 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3A-4 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 3A-6 to 3A-6A (1)
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

Notes

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

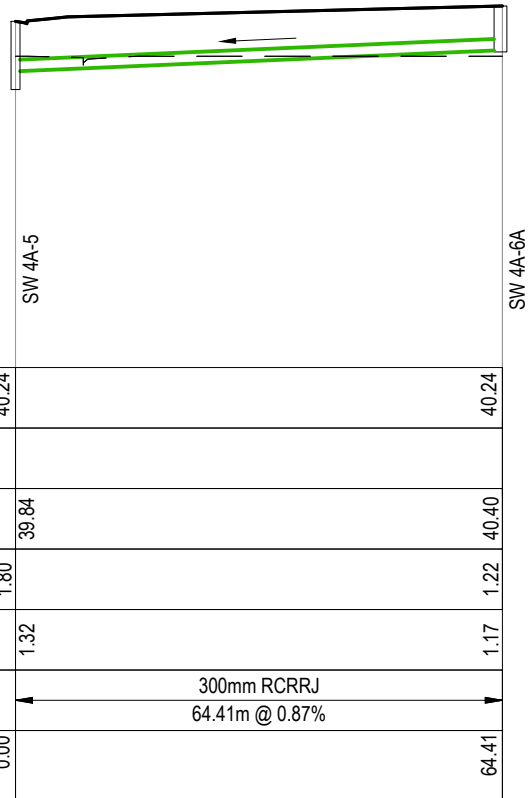


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

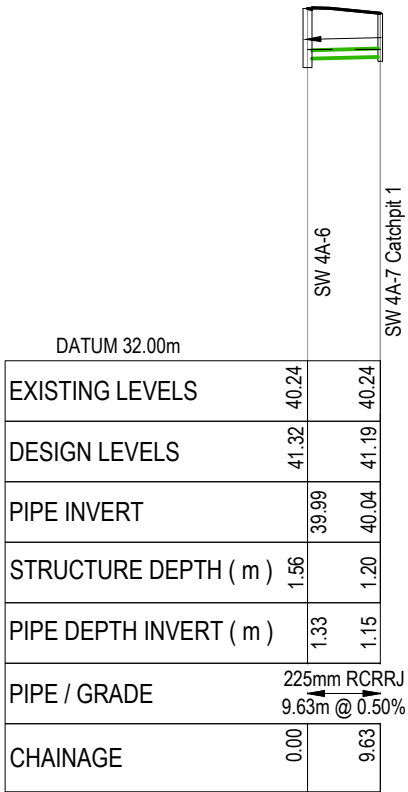
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-22
Rev	A

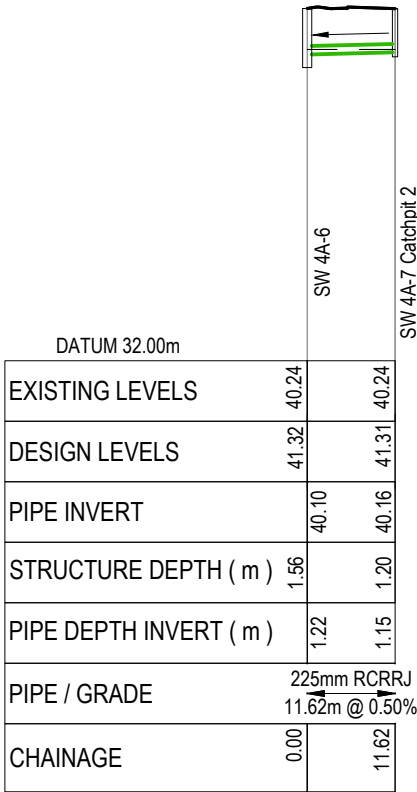
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



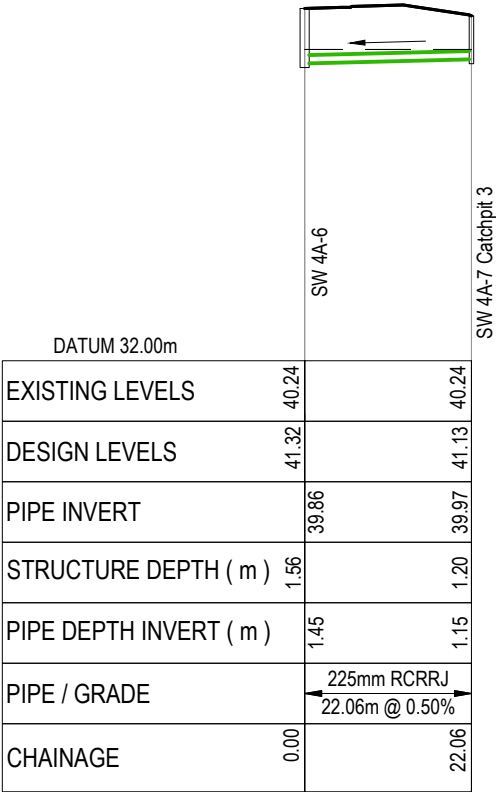
PV - Alignment - SW Line 4A-6 to 4A-6A
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 4A-7 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 4A-7 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 4A-7 Catchpit 3
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

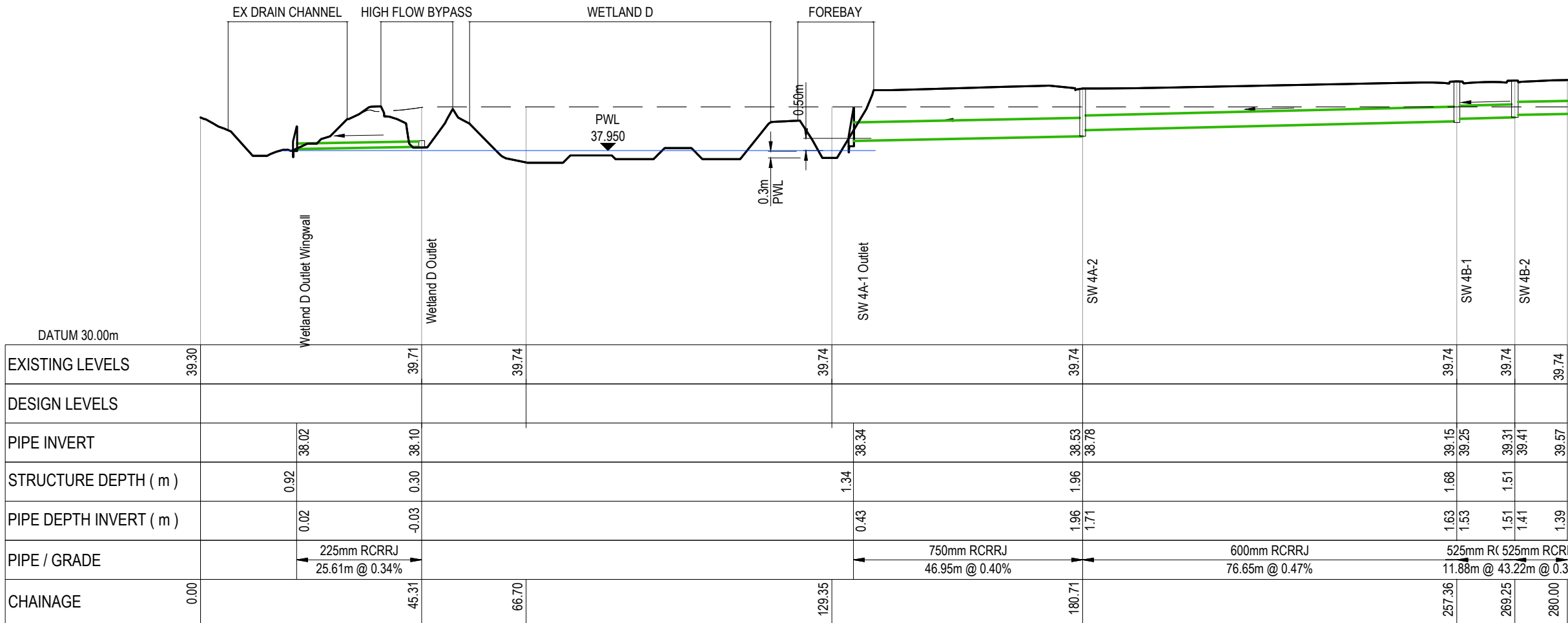
M **MAVEN** **Waikato**
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

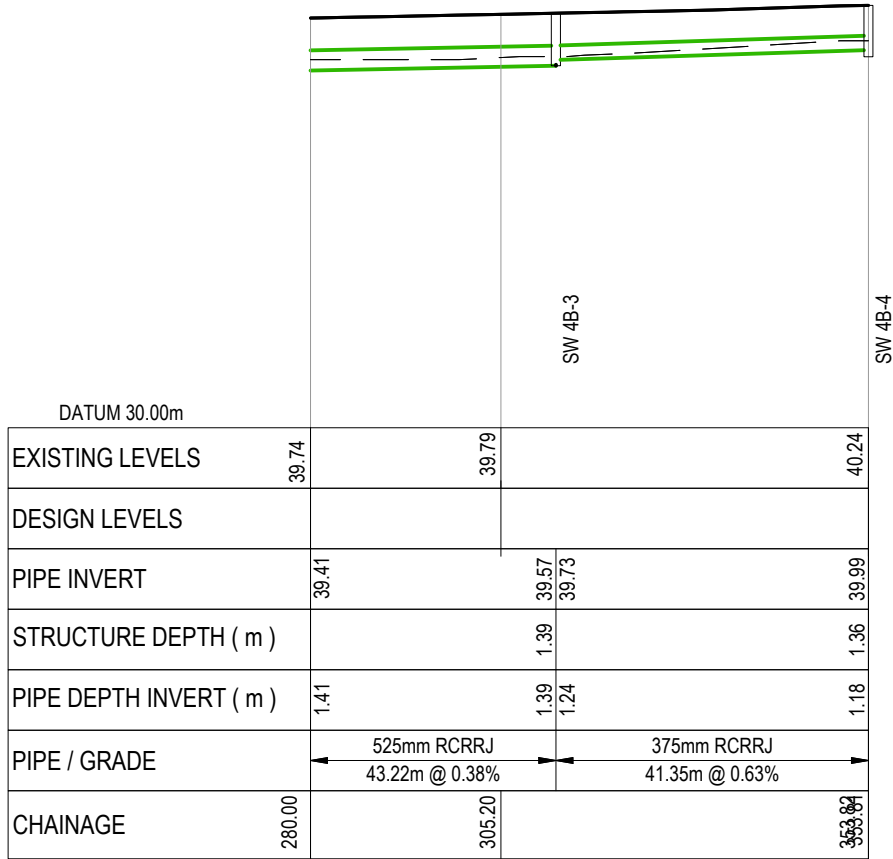
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-24	Rev	A

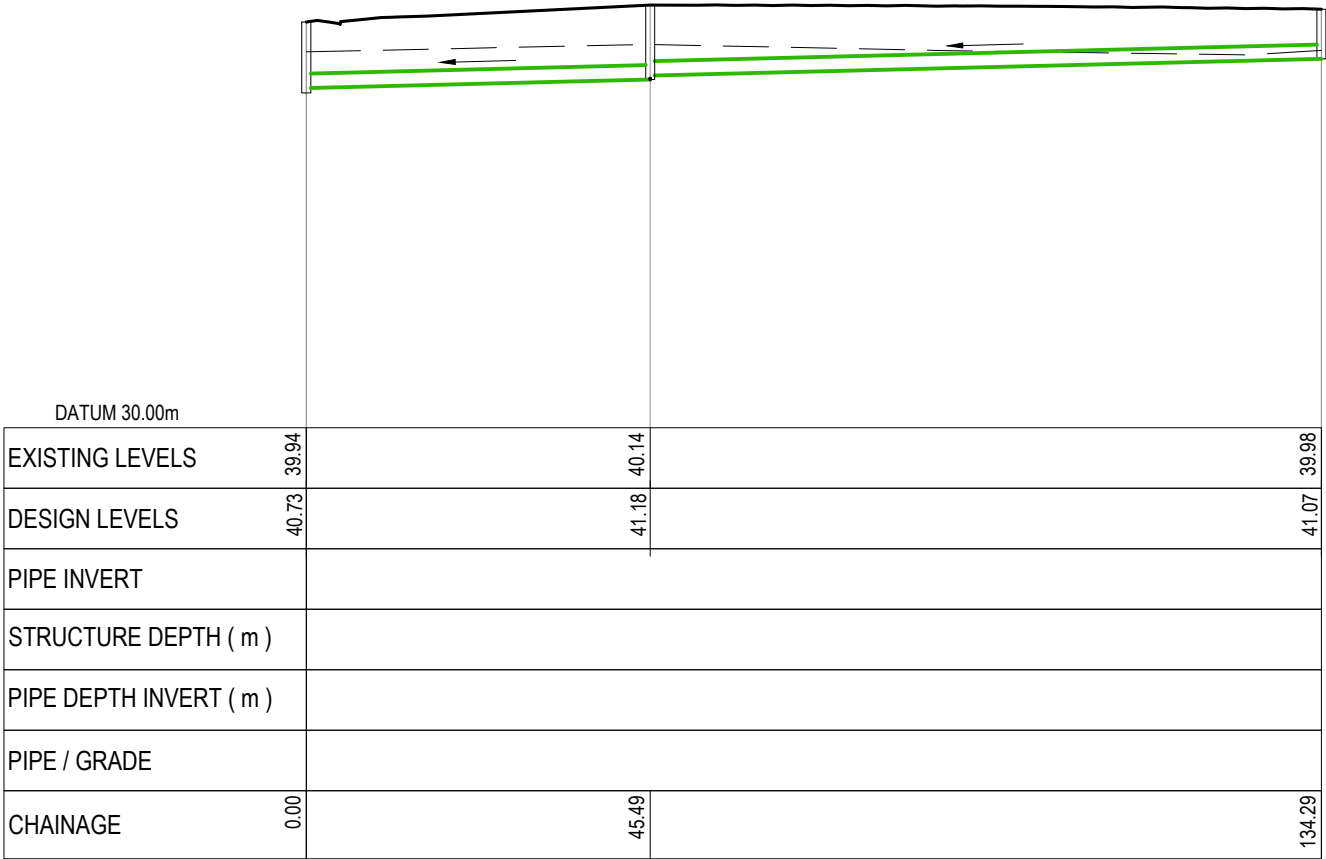
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



PV - Alignment - SW Line 4A-1 to 4B-4 (1 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 4A-1 to 4B-4 (2 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - 1
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



Project

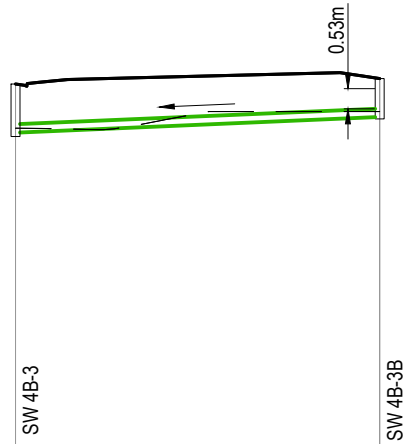
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title

**PROPOSED
STORMWATER
LONG SECTIONS**

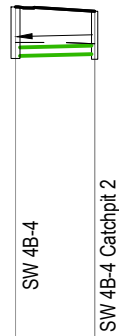
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-25	Rev	A

DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001- SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



DATUM 30.00m		
EXISTING LEVELS	39.80	40.24
DESIGN LEVELS		
PIPE INVERT	39.68	40.09
STRUCTURE DEPTH (m)	1.39	1.06
PIPE DEPTH INVERT (m)	1.29	1.02
PIPE / GRADE	225mm RCRRJ 48.18m @ 0.86%	
CHAINAGE	0.00	48.18

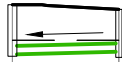
PV - Alignment - SW Line 4B-3 to 4B-3B
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m		
EXISTING LEVELS	40.24	40.20
DESIGN LEVELS	41.17	41.06
PIPE INVERT	39.88	39.93
STRUCTURE DEPTH (m)	1.36	1.20
PIPE DEPTH INVERT (m)	1.30	1.13
PIPE / GRADE	225mm RCRRJ 10.48m @ 0.50%	
CHAINAGE	0.00	10.48

PV - Alignment - SW 4B-4 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT



DATUM 32.00m		
EXISTING LEVELS	40.24	40.24
DESIGN LEVELS	41.17	41.05
PIPE INVERT	39.86	39.93
STRUCTURE DEPTH (m)	1.36	1.20
PIPE DEPTH INVERT (m)	1.31	1.12
PIPE / GRADE	225mm RCRRJ 14.08m @ 0.50%	
CHAINAGE	0.00	14.08

PV - Alignment - SW 4B-4 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



DATUM 32.00m		
EXISTING LEVELS	40.24	40.24
DESIGN LEVELS	41.17	40.91
PIPE INVERT	39.99	40.06
STRUCTURE DEPTH (m)	1.36	0.90
PIPE DEPTH INVERT (m)	1.18	0.85
PIPE / GRADE	225mm RCRRJ 13.35m @ 0.50%	
CHAINAGE	0.00	13.35

PV - Alignment - SW 5A-4B Catchpit 3
SCALE: HORI 1:1000 VERT 1:200

Notes

- ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
- COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
- LEVELS IN TERMS OF THE NZ VERTICAL DATUM 2016.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
- APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS TO COUNCIL STANDARDS.
- HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
- ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
- MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
- MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
- MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
- PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

M

MAVEN

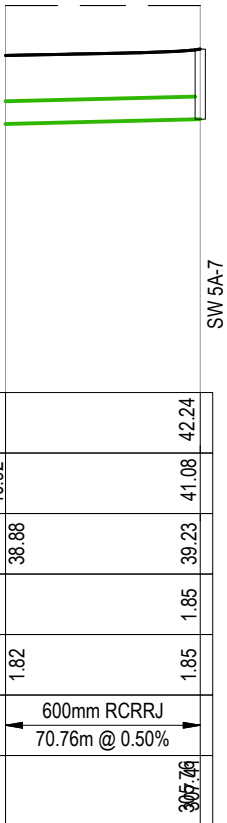
Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

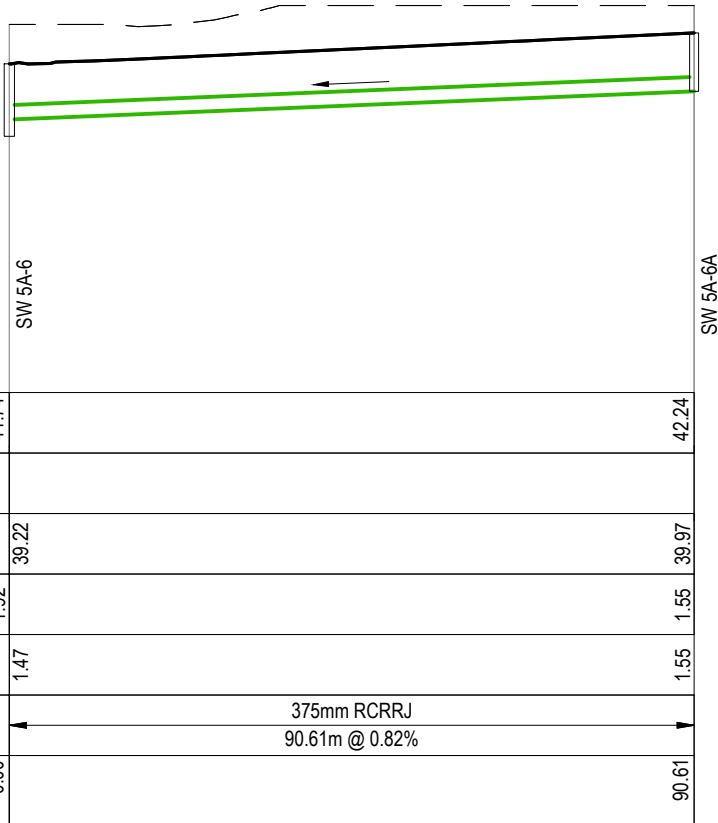
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-26	Rev	A

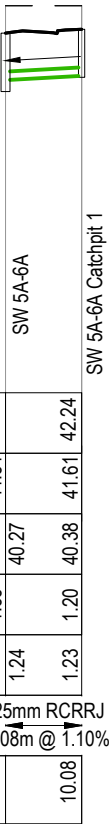
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



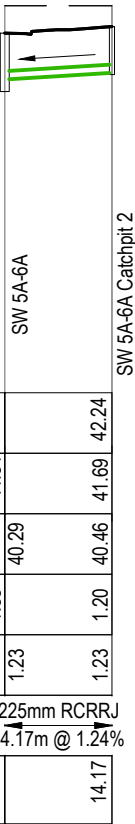
PV - Alignment SW Line 5A-1 Outlet to 5A-7 (2 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 5A-6 to 5A-6A
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 5A-6A Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 5A-6A Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

M

MAVEN

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project

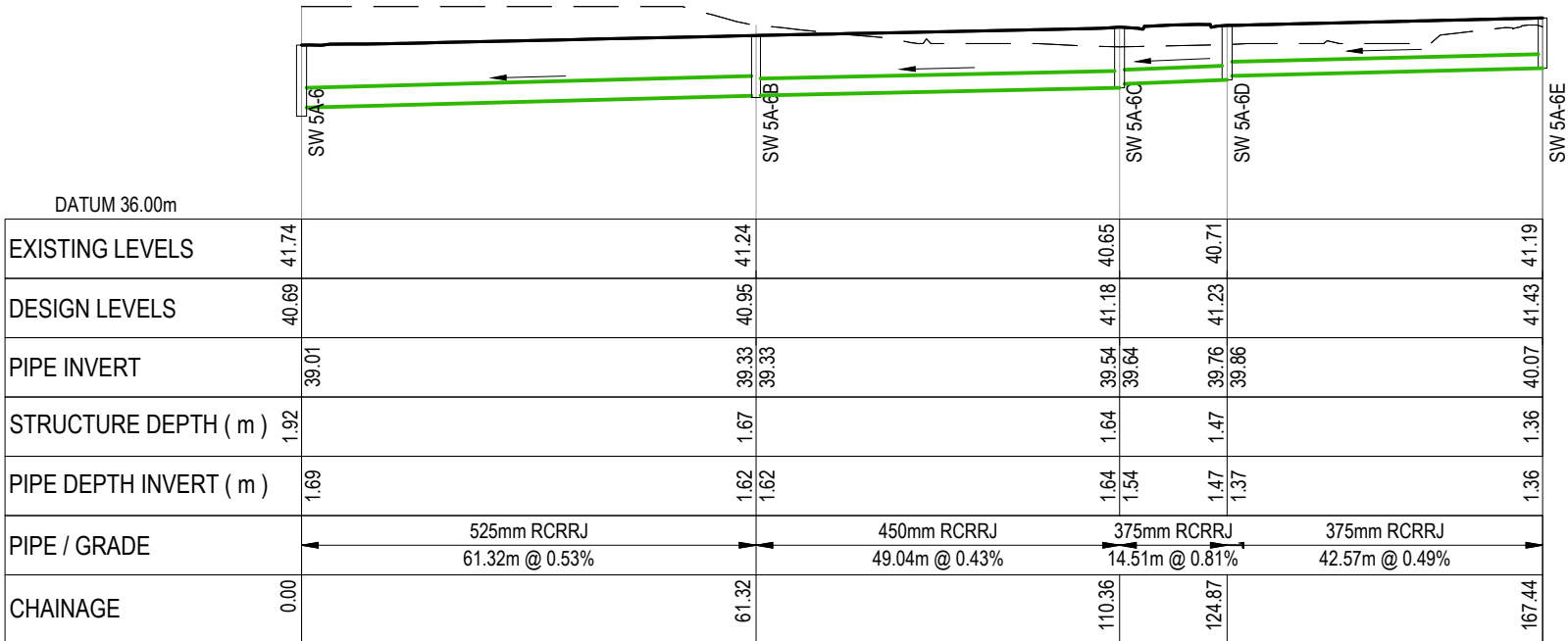
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title

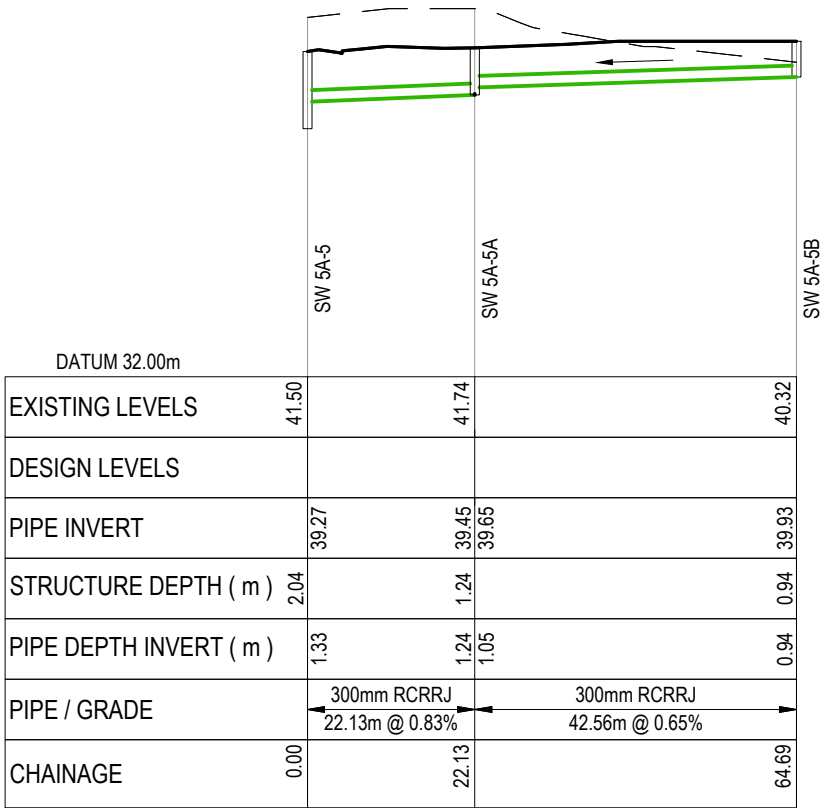
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-29	Rev	A

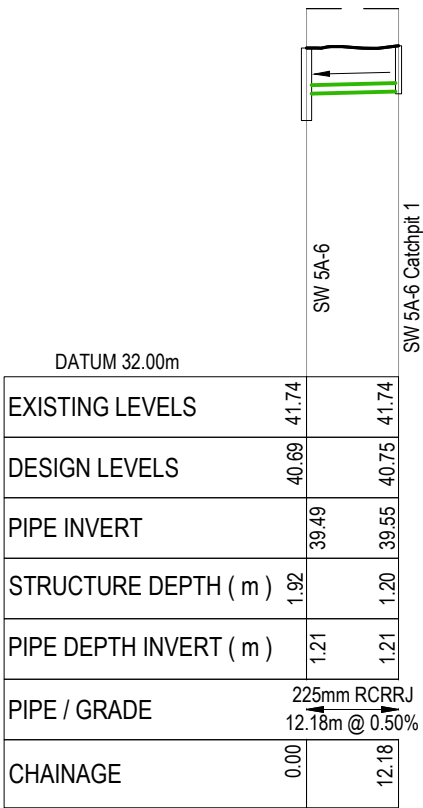
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



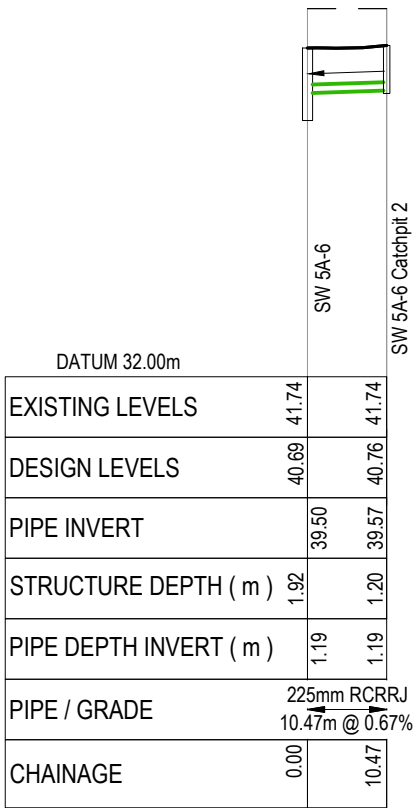
PV - Alignment - SW Line 5A-6 to 5A-6E
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW Line 5A-5 to 5A-5A
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 5A-6 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 5A-6 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

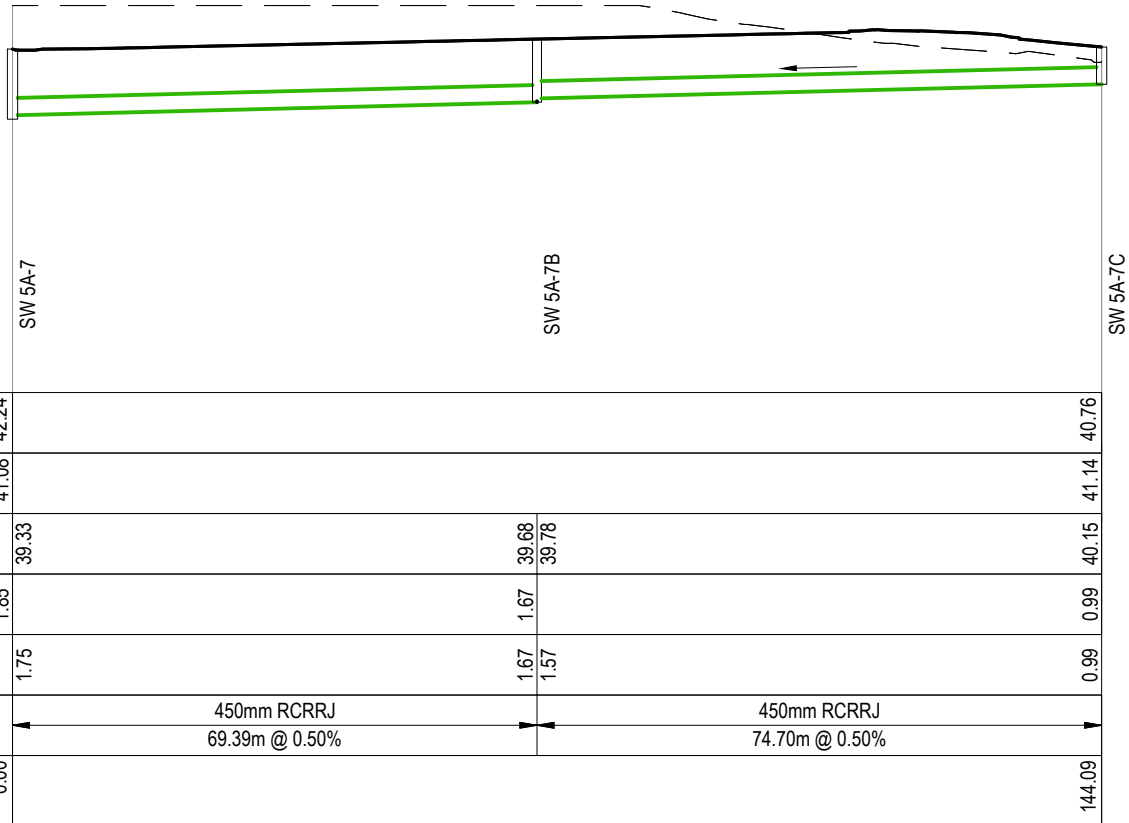


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

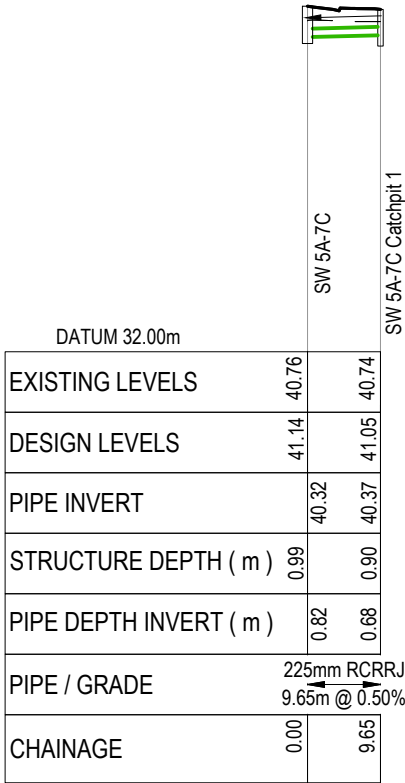
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-30
Rev	A

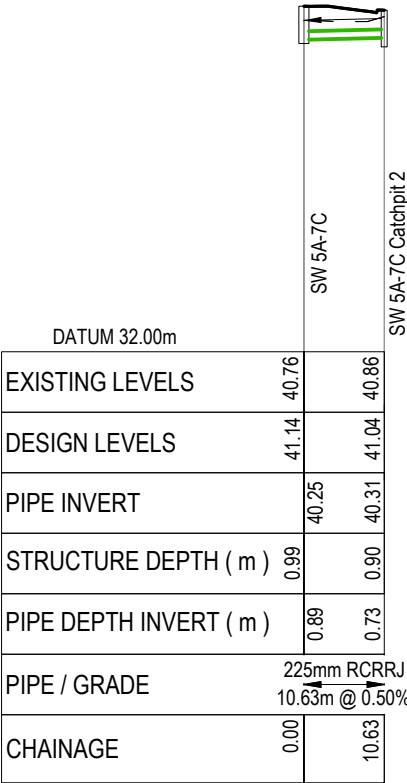
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



PV - Alignment SW 5A-7 to 5A-7C
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 5A-7C Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 5A-7C Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

M

MAVEN

Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project

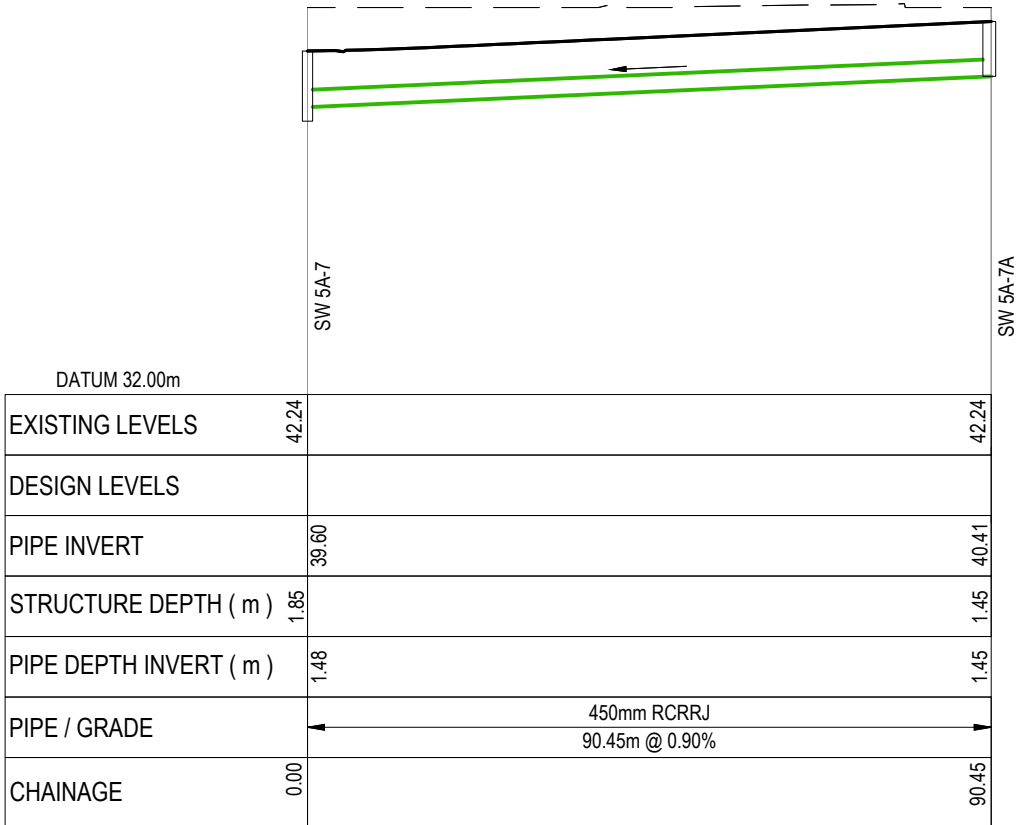
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title

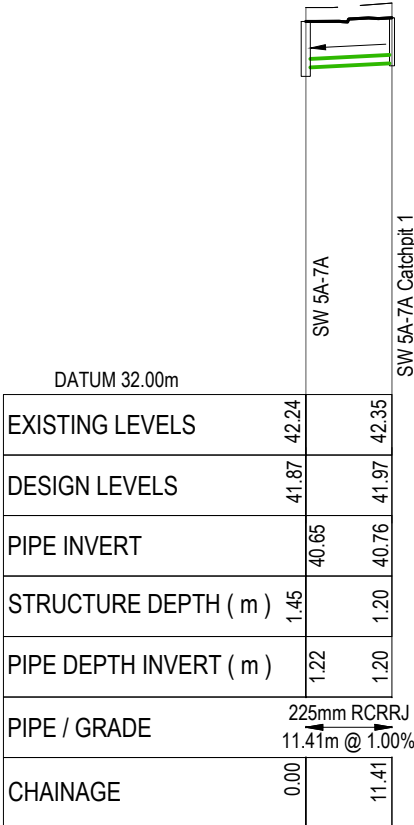
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-31	Rev	A

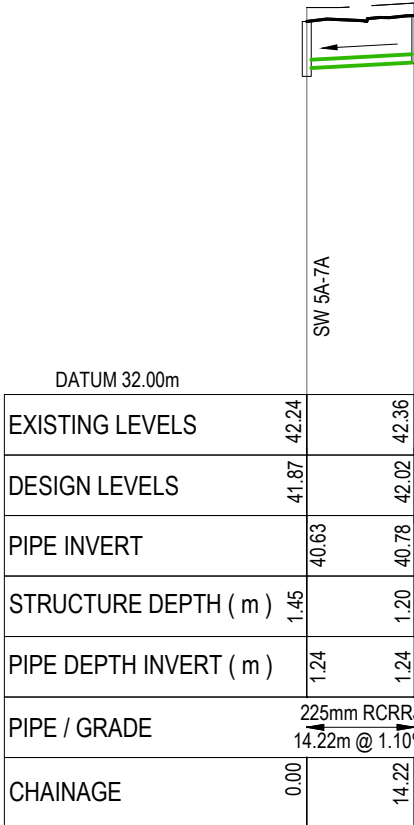
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



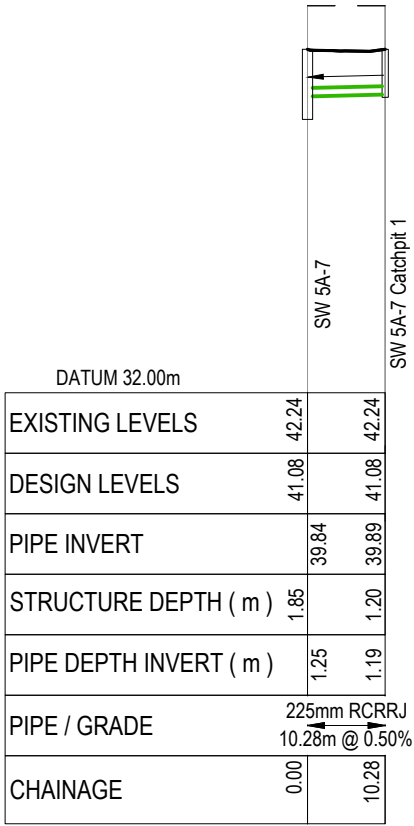
PV - Alignment SW 5A-7 TO 5A-7A
SCALE: HORI 1:1000 VERT 1:200



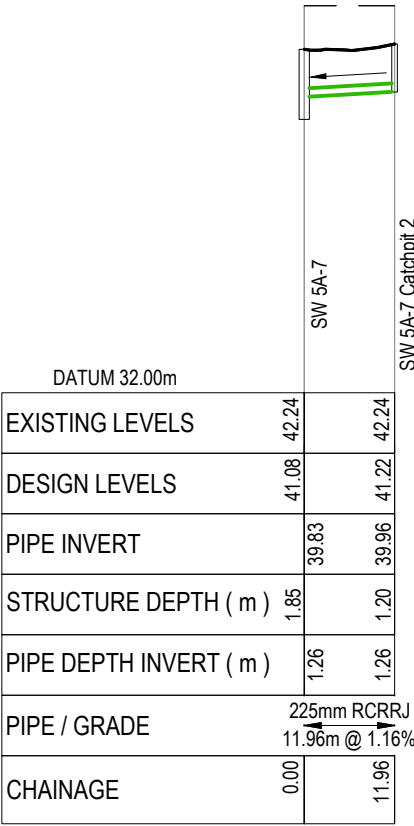
PV - Alignment - SW 5A-7A Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 5A-7A Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 5A-7 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 5A-7 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

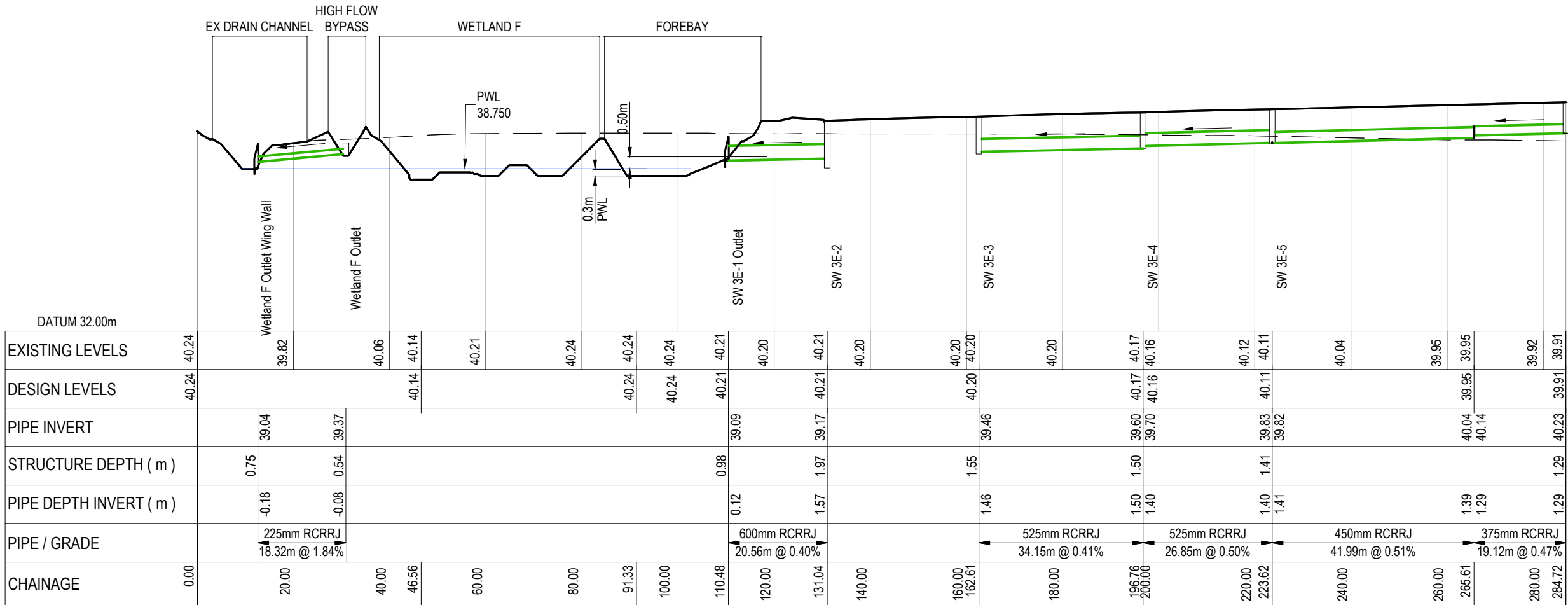


Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

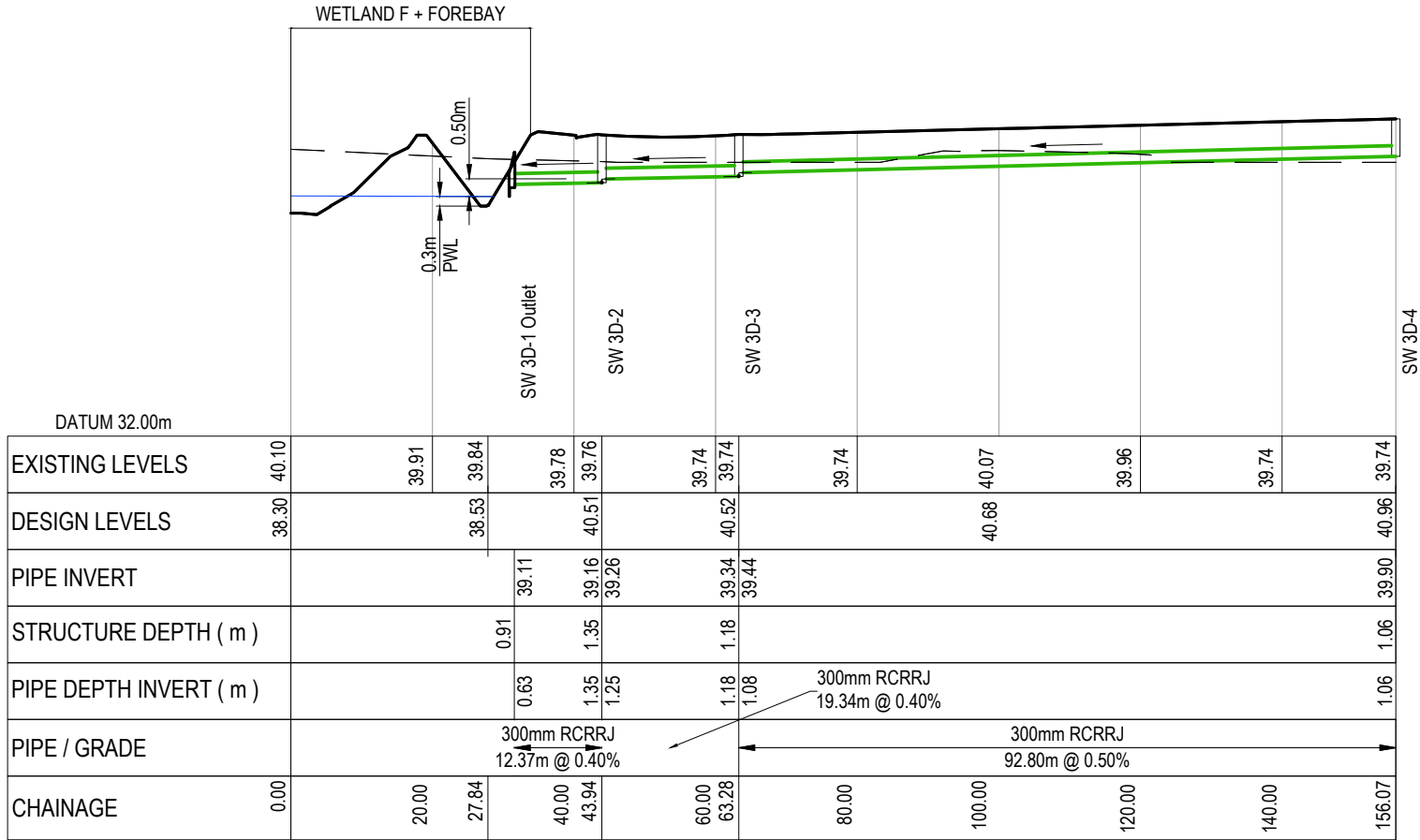
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-32	Rev	A

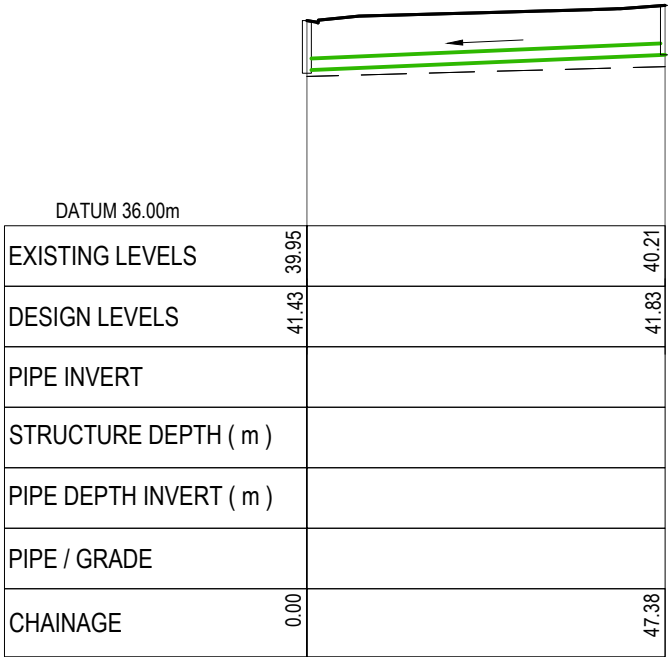
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\ESTG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



PV - Alignment - 6A
SCALE: HORI 1:1000 VERT 1:200

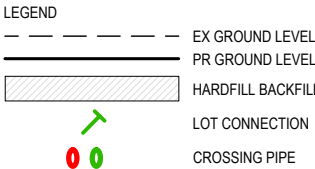


PV - Alignment - SW 3D-2 to 3D-4
SCALE: HORI 1:1000 VERT 1:200



PV - PV - Alignment - SW 3E-6
SCALE: HORI 1:1000 VERT 1:200

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.



A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



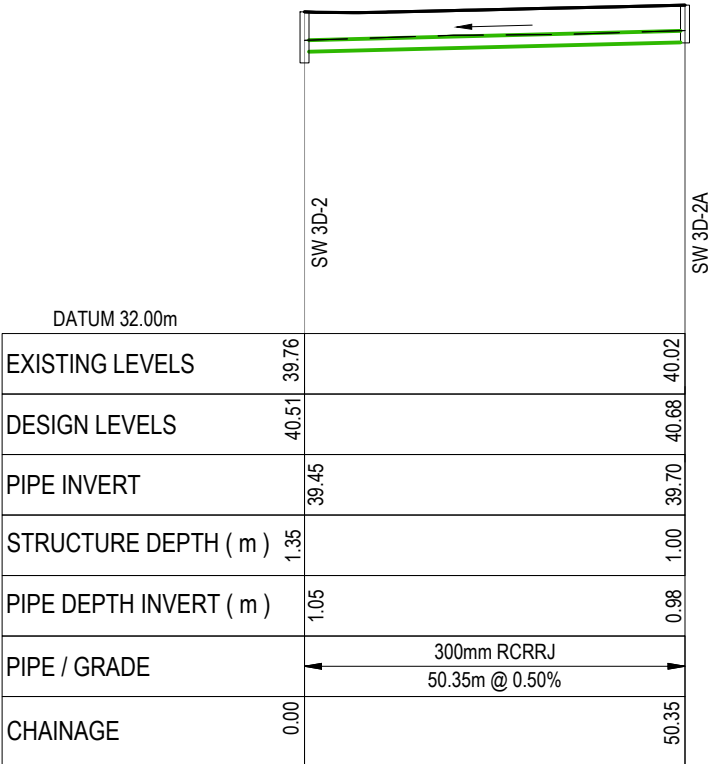
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

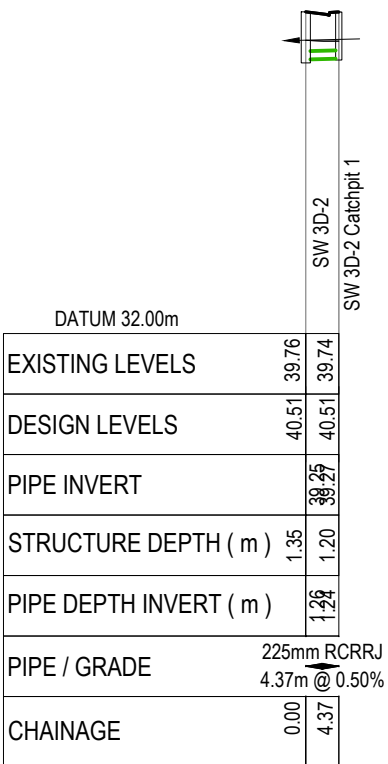
Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-33
Rev	A

RESOURCE CONSENT

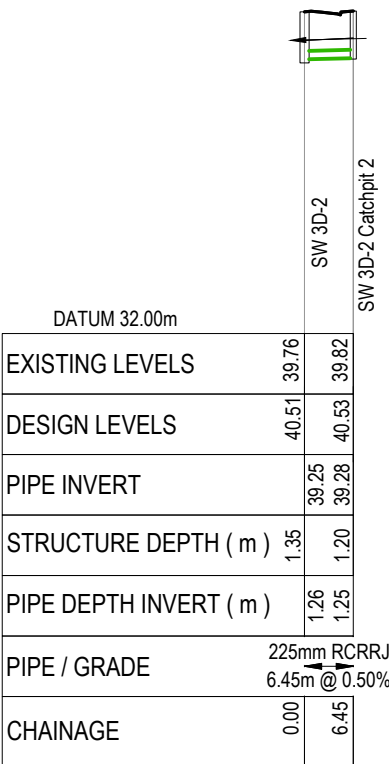
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



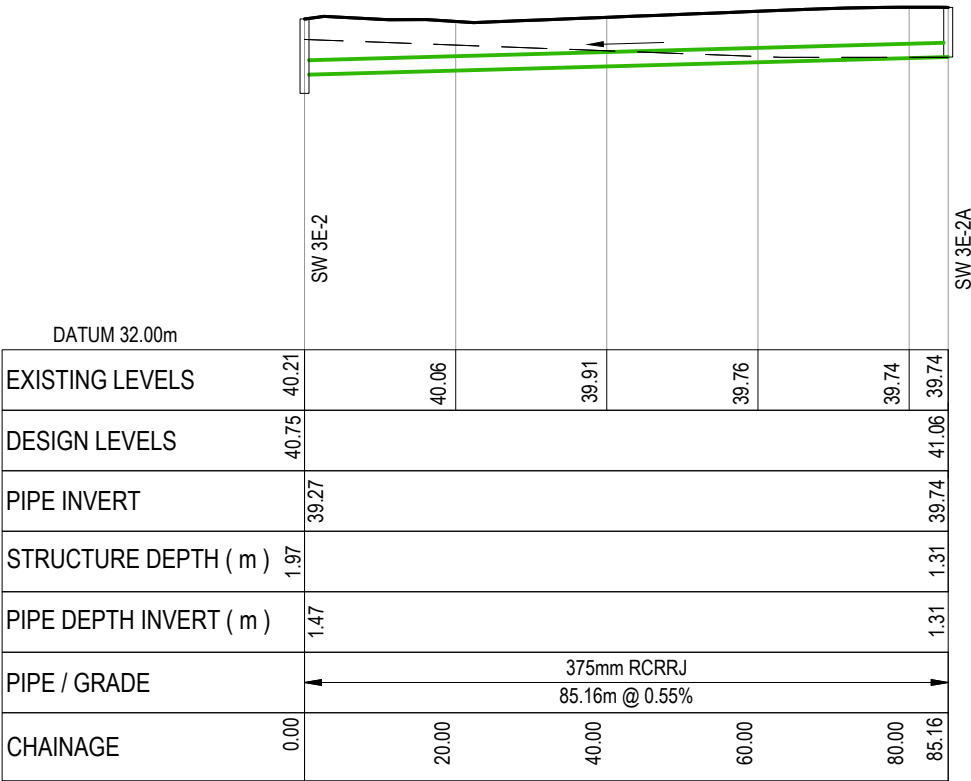
PV - Alignment - SW 3D-2 to SW 3D-2A
SCALE: HORI 1:1000 VERT 1:200



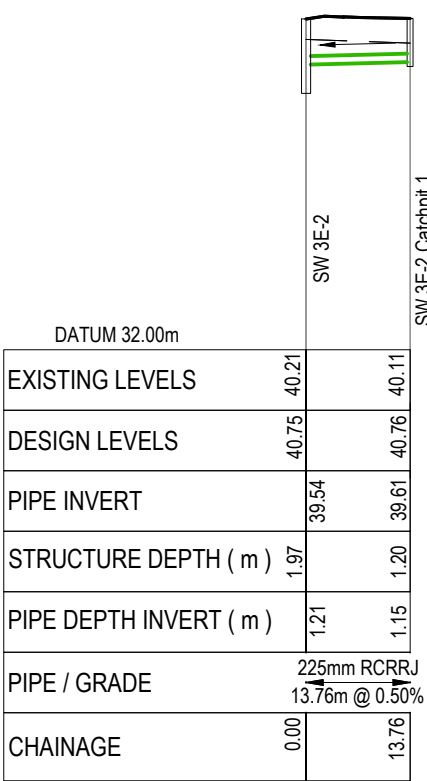
PV - Alignment - SW 3D-2 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



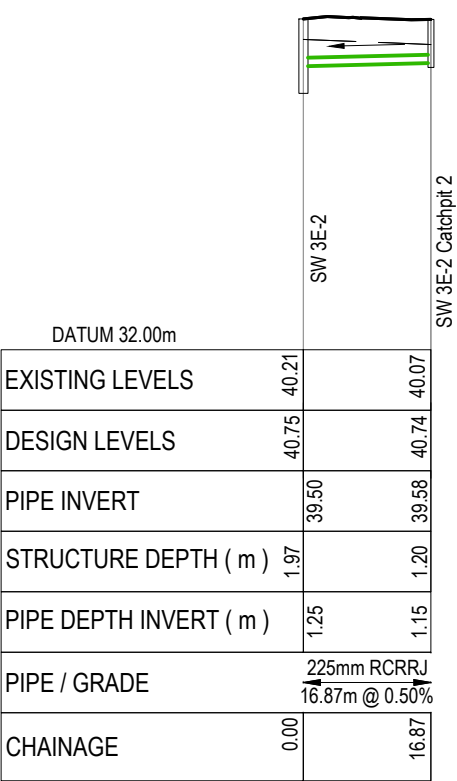
PV - Alignment - SW 3D-2 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3E-2 to 3E-2A
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3E-2 to 3E-2 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3E-2 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

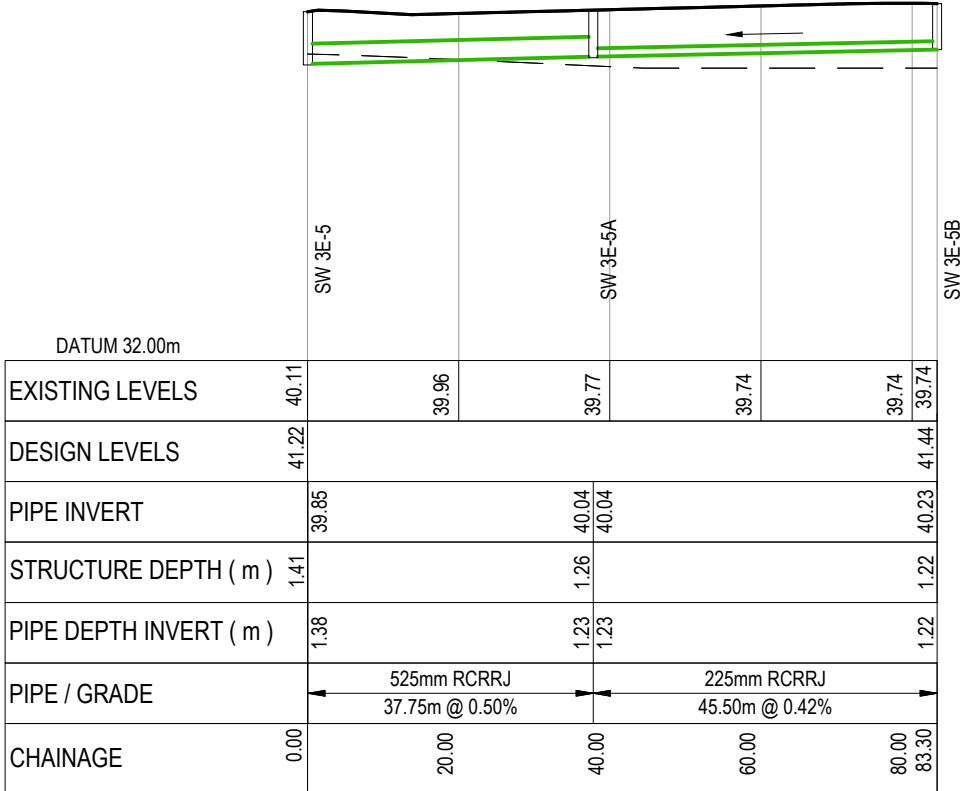
M **MAVEN** **Waikato**
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

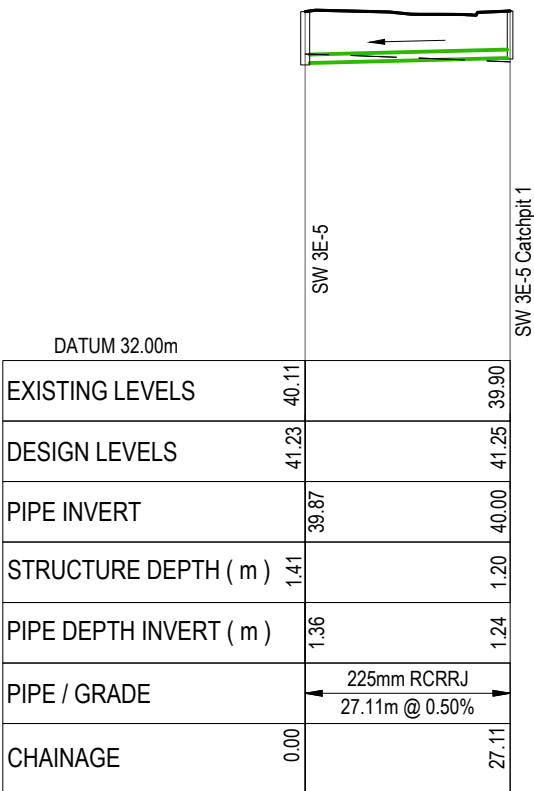
Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-34
Rev	A

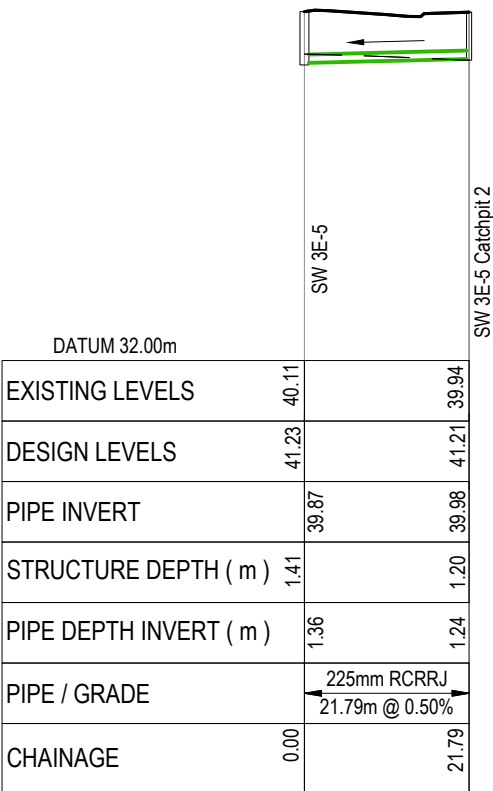
DATE: 8/20/26 FILEPATH: F:\MAVEN\HAMILTON6 - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



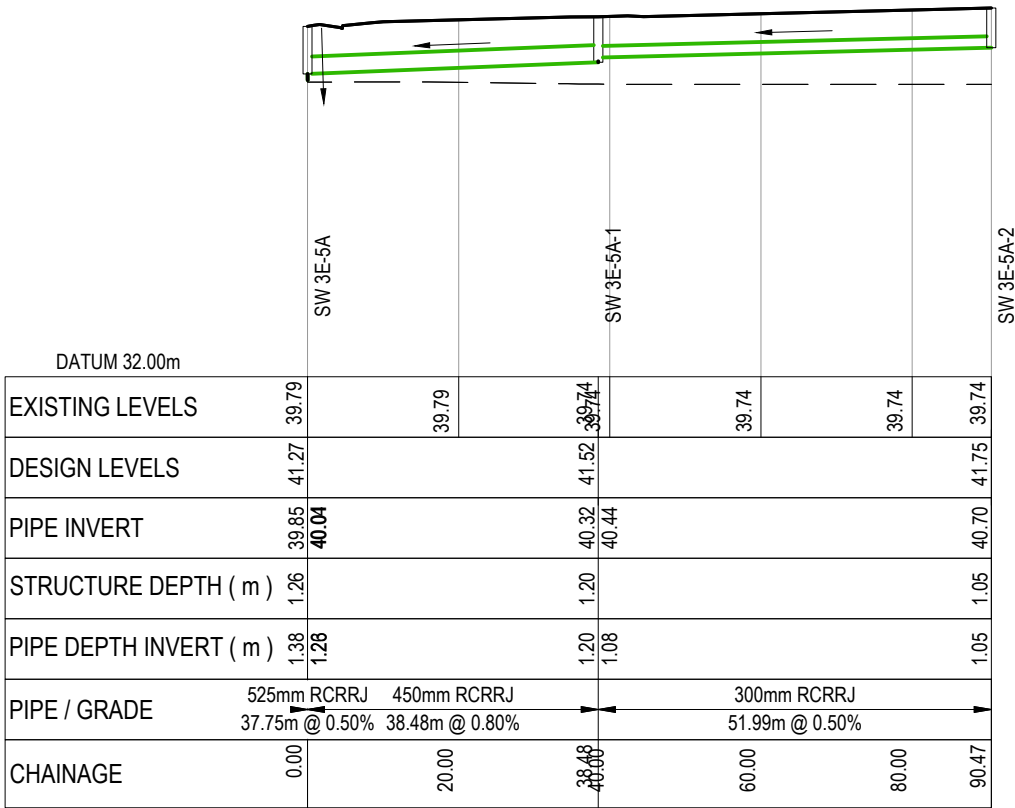
PV - Alignment - SW 3E-5 to 3E-5B
SCALE: HORI 1:1000 VERT 1:200



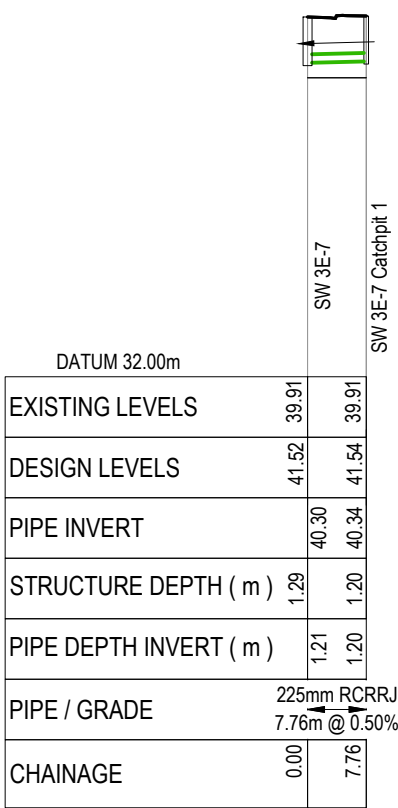
PV - Alignment - SW 3E-5 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



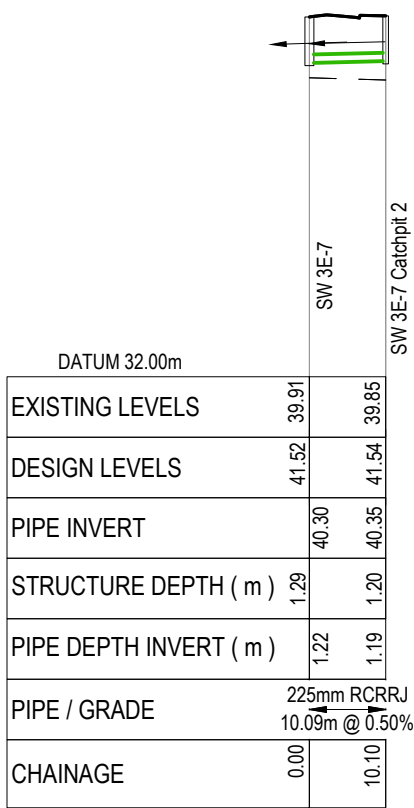
PV - Alignment - SW 3E-5 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3E-6 to 3E-6A
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3E-7 Catchpit 1
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3E-7 Catchpit 2
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



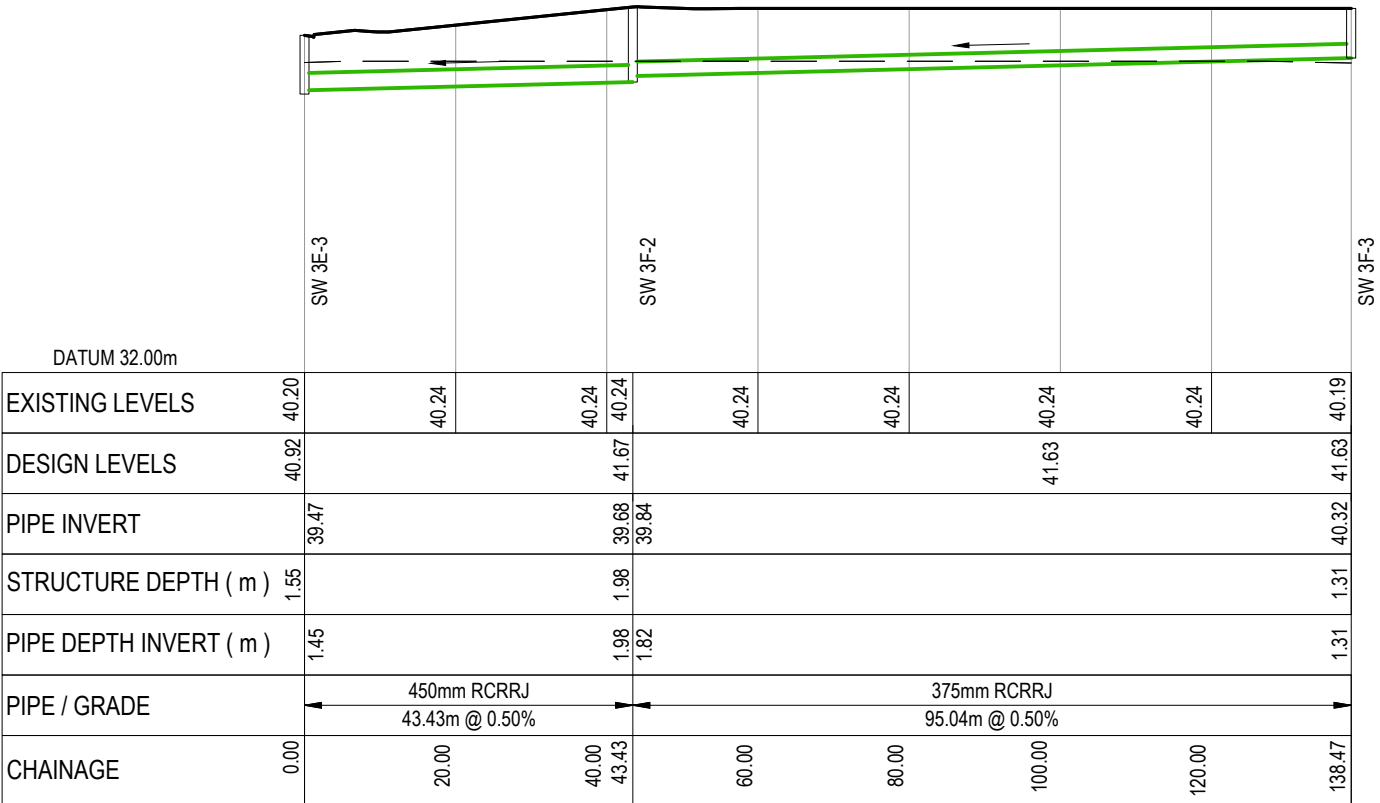
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

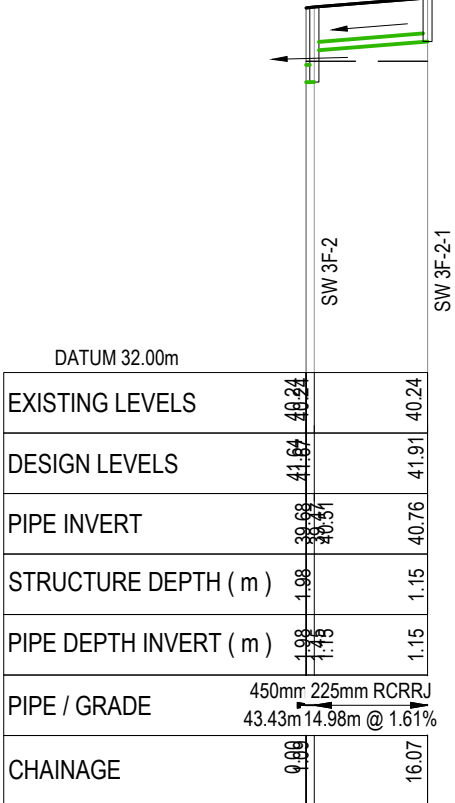
Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-35
Rev	A

DATE: 8/20/26 FILE PATH: F:\MAVEN\HAMILTON\6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG

RESOURCE CONSENT



PV - Alignment - SW 3F-1 Outlet to 3F-3
SCALE: HORI 1:1000 VERT 1:200



PV - Alignment - SW 3F-2-1
SCALE: HORI 1:1000 VERT 1:200

Notes

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

2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.

3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.

6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.

7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.

8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.

9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.

10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.

11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

EX GROUND LEVEL

PR GROUND LEVEL

HARDFILL BACKFILL

LOT CONNECTION

CROSSING PIPE

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	11/2025	
Checked	DJM	11/2025	

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

RESIDENTIAL STAGE 1

HAMILTON, WAIKATO

FOR

SAXBY RD JV LIMITED

Title

PROPOSED

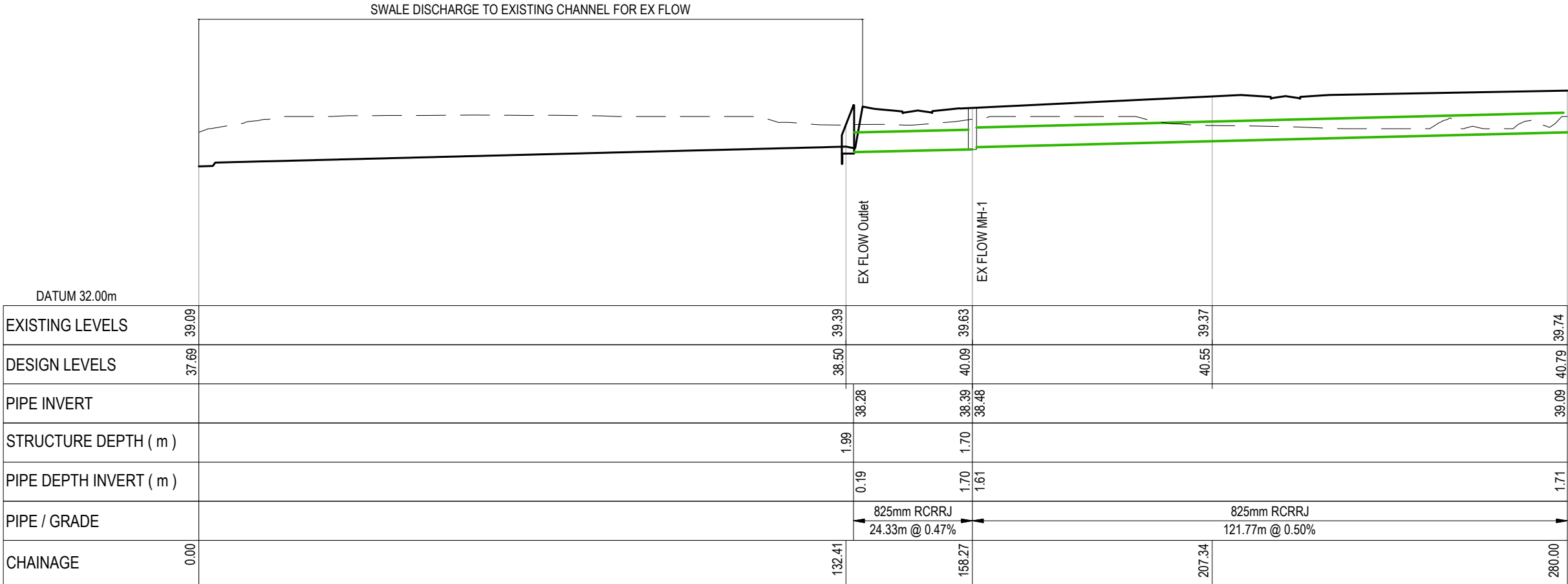
STORMWATER

LONG SECTIONS

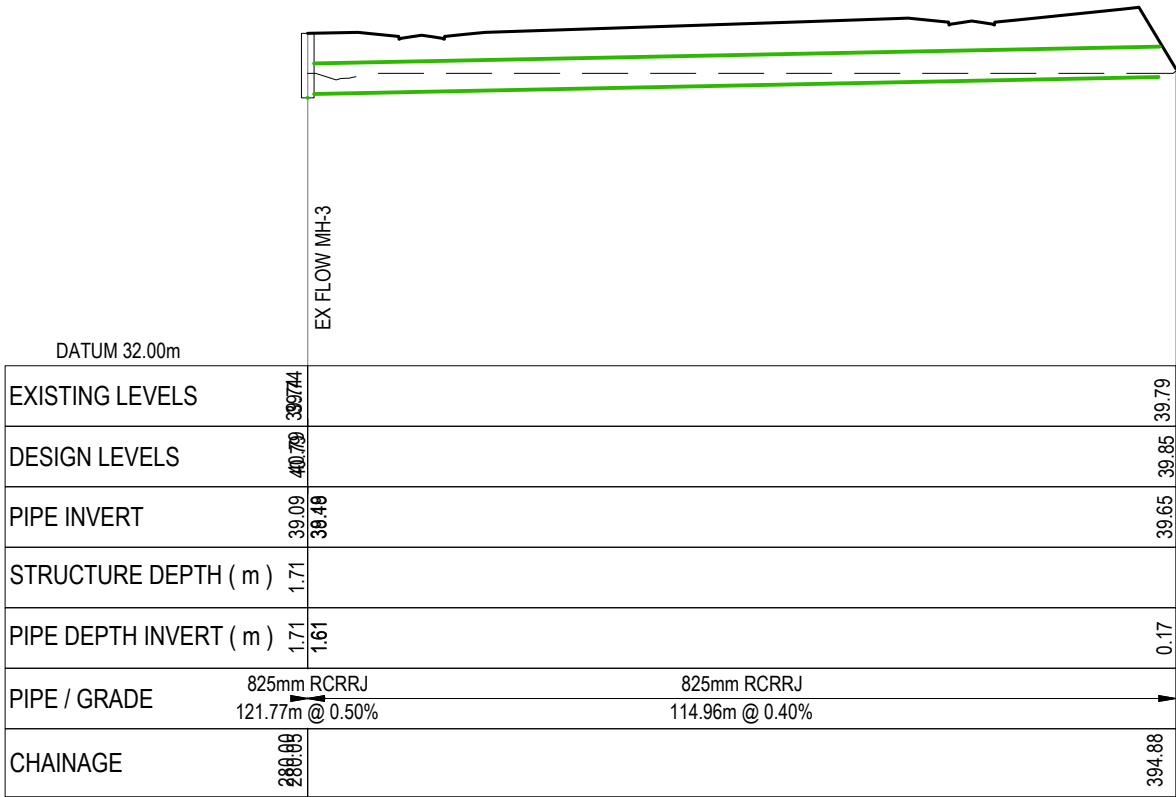
Project no.	298001-R1 SL 1		
Scale	AS SHOWN		
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG		
Drawing no.	R1-C420-36	Rev	A

RESOURCE CONSENT

DATE: 8/20/25 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C420 SW LONGSECTIONS.DWG



PV - Existing Flow to Swale Discharge (1 of 2)
SCALE: HORI 1:1000 VERT 1:200



PV - Existing Flow to Swale Discharge (1 of 2)
SCALE: HORI 1:1000 VERT 1:200

RESOURCE CONSENT

- Notes
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
 3. LEVELS IN TERMS OF THE NZ 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 ROAD CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
 7. ALL LOT CONNECTIONS ARE TO BE 100mmØ PVC UNLESS SHOWN OTHERWISE.
 8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
 9. MEASUREMENTS SHOWN ON THE LOT CONNECTIONS ARE THE DISTANCE FROM THE CENTRE OF THE DOWNSTREAM MANHOLE TO THE LOT CONNECTION POSITION WITHIN THE LOT BOUNDARY.
 10. MANHOLE SLAB AND COVER TO BE ROTATED TO AVOID THE FOOTPATH EDGE FOR MANHOLES ON FOOTPATH.
 11. PIPE LENGTHS SHOWN ON PLAN ARE FROM UPSTREAM PIPE INVERT TO DOWNSTREAM PIPE INVERT.

LEGEND

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

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

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
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
LONG SECTIONS**

Project no.	298001-R1 SL 1
Scale	AS SHOWN
Cad file	298001-R1-C420 SW LONGSECTIONS.DWG
Drawing no.	R1-C420-37
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 777m.
 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
 - PROP BOUNDARY
 - PROP CATCHMENT
 - PROP SW NETWORK
 - PROP SW SCRUFFY
 - PROP SW OUTLET
 - PROP SW FOREBAY
 - PROP SW WETLAND
 - PROP HIGH FLOW BYPASS
 - PROP SHARED PATH / MAINTENANCE TRACK
 - ROCK RIP RAP
 - GABBION BLOCK WALL

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

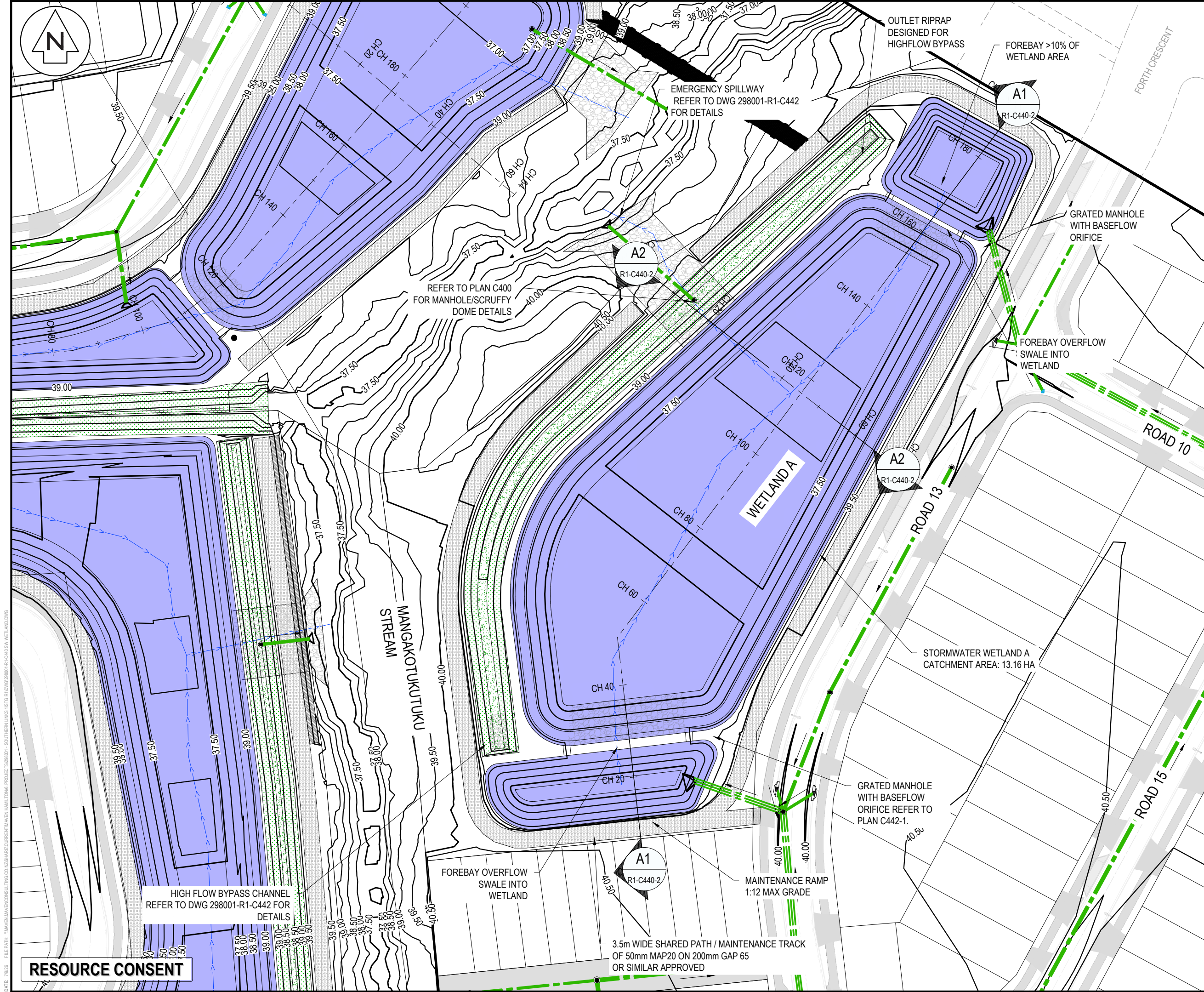
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED STORMWATER
WETLAND PONDS
OVERVIEW PLAN**

Project no.	298001-R1 SL1		
Scale	1:4000 @ A3		
Cad file	298001-R1-C440 SW WETLAND.DWG		
Drawing no.	R1-C440	Rev	A

RESOURCE CONSENT

DATE: 7/9/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO_NG\SHARES\CURRENT\MAVEN_HAMILTON\PROJECTS\298001 - SOUTHERN LINKS 1\STG_R1\DWG\298001-R1-C440 SW WETLAND.DWG



- 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 ???m.
 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
	PROP BOUNDARY
	PROP CATCHMENT
	PROP SW NETWORK
	PROP SW SCRUFFY
	PROP SW OUTLET
	PROP SW FOREBAY
	PROP SW WETLAND
	PROP HIGH FLOW BYPASS
	PROP SHARED PATH / MAINTENANCE TRACK
	ROCK RIP RAP
	GABBION BLOCK WALL

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



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
SAXBY RD JV LIMITED**

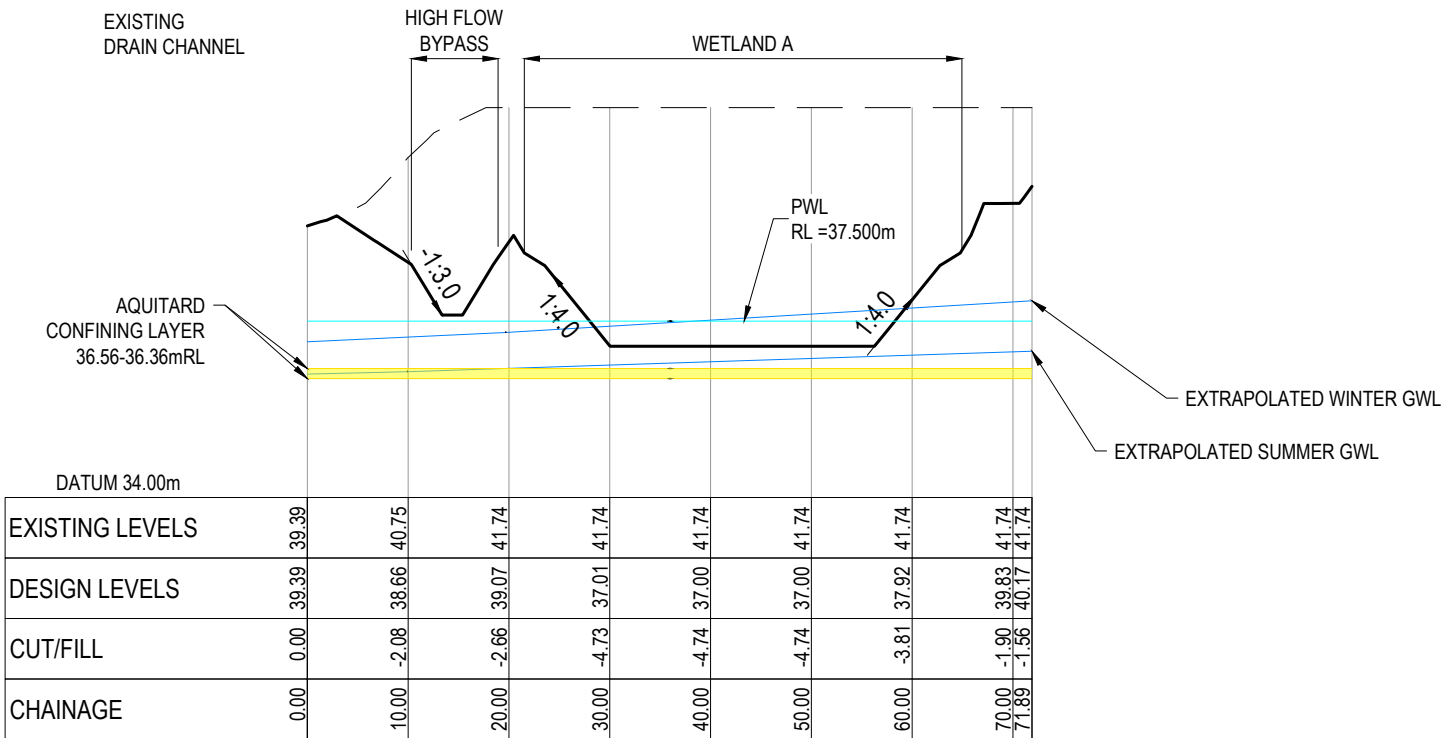
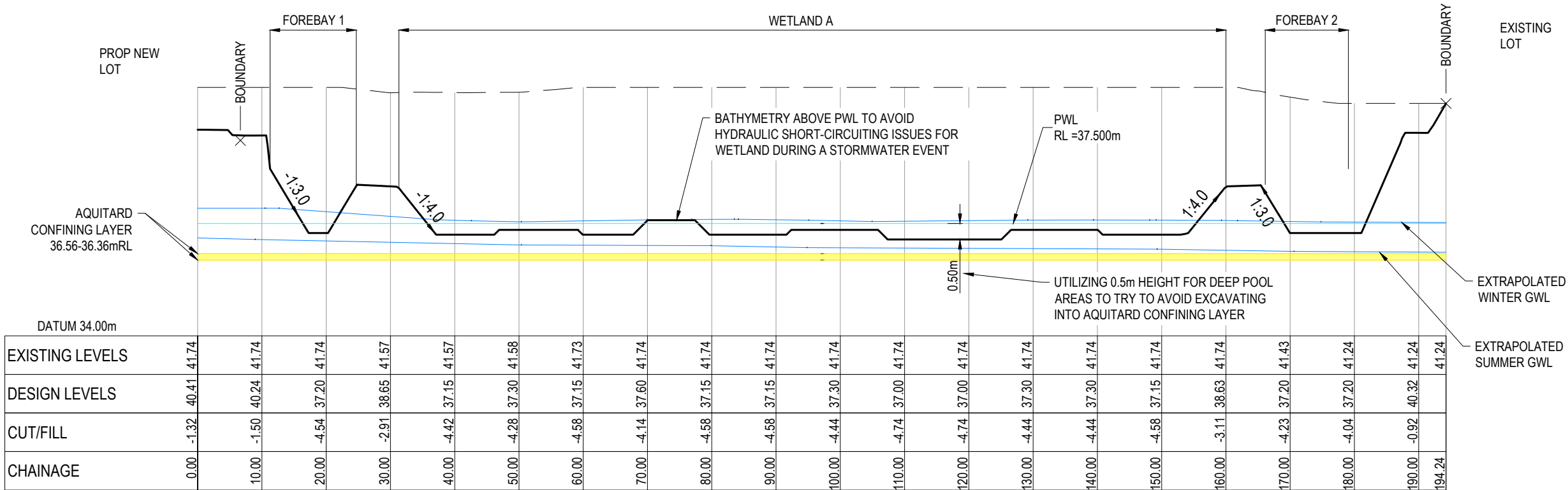
Title
**PROPOSED STORMWATER
WETLAND A
PLAN**

Project no.	298001-R1 SL1
Scale	1:750 @ A3
Cad file	298001-R1-C440 SW WETLAND.DWG
Drawing no.	R1-C440-1
Rev	A

RESOURCE CONSENT

DATE: 7/2/25 FILE PATH: \\MAVEN\MAVENCONSULTING\CO_NOSHARE\PROJECTS\WAIKATO\HAMILTON\PROJECTS\298001 - SOUTHERN LINKS STAGE 1\DWG\298001-R1-C440 SW WETLAND.DWG

DATE: 7/20/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARE\CURRENT\MAVEN - HAMILTON\ PROJECTS\298001 - SOUTHERN LINKS\1816\1816-C440 SW WETLAND.DWG



- 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 ???m.
 - IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
 - 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.
 - 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 GROUND LEVEL
—	PROP GROUND LEVEL
—	SUMMER/WINTER GWL
—	PWL

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

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
SAXBY RD JV LIMITED**

Title
**PROPOSED STORMWATER
WETLAND A
SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C440 SW WETLAND.DWG
Drawing no.	R1-C440-2
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 777m.
 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
 - PROP BOUNDARY
 - PROP CATCHMENT
 - PROP SW NETWORK
 - PROP SW SCRUFFY
 - PROP SW OUTLET
 - PROP SW FOREBAY
 - PROP SW WETLAND
 - PROP HIGH FLOW BYPASS
 - PROP SHARED PATH / MAINTENANCE TRACK
 - ROCK RIP RAP
 - GABBION BLOCK WALL

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



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
SAXBY RD JV LIMITED**

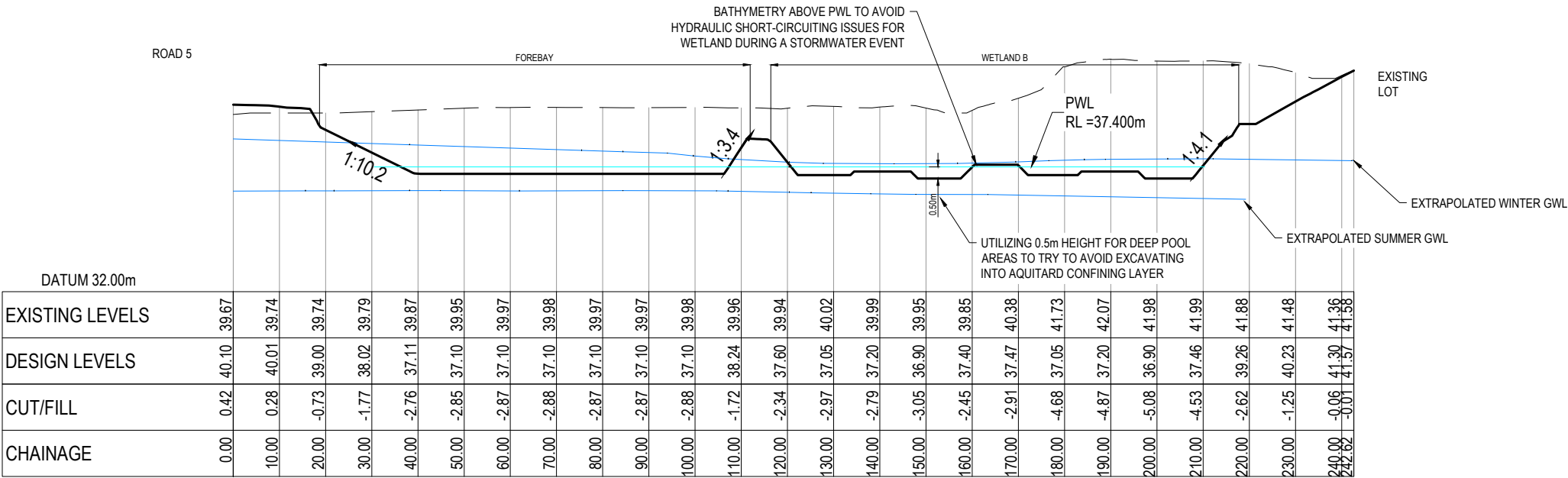
Title
**PROPOSED STORMWATER
WETLAND B
PLAN**

Project no.	298001-R1 SL1
Scale	1:750 @ A3
Cad file	298001-R1-C440 SW WETLAND.DWG
Drawing no.	R1-C440-3
Rev	A

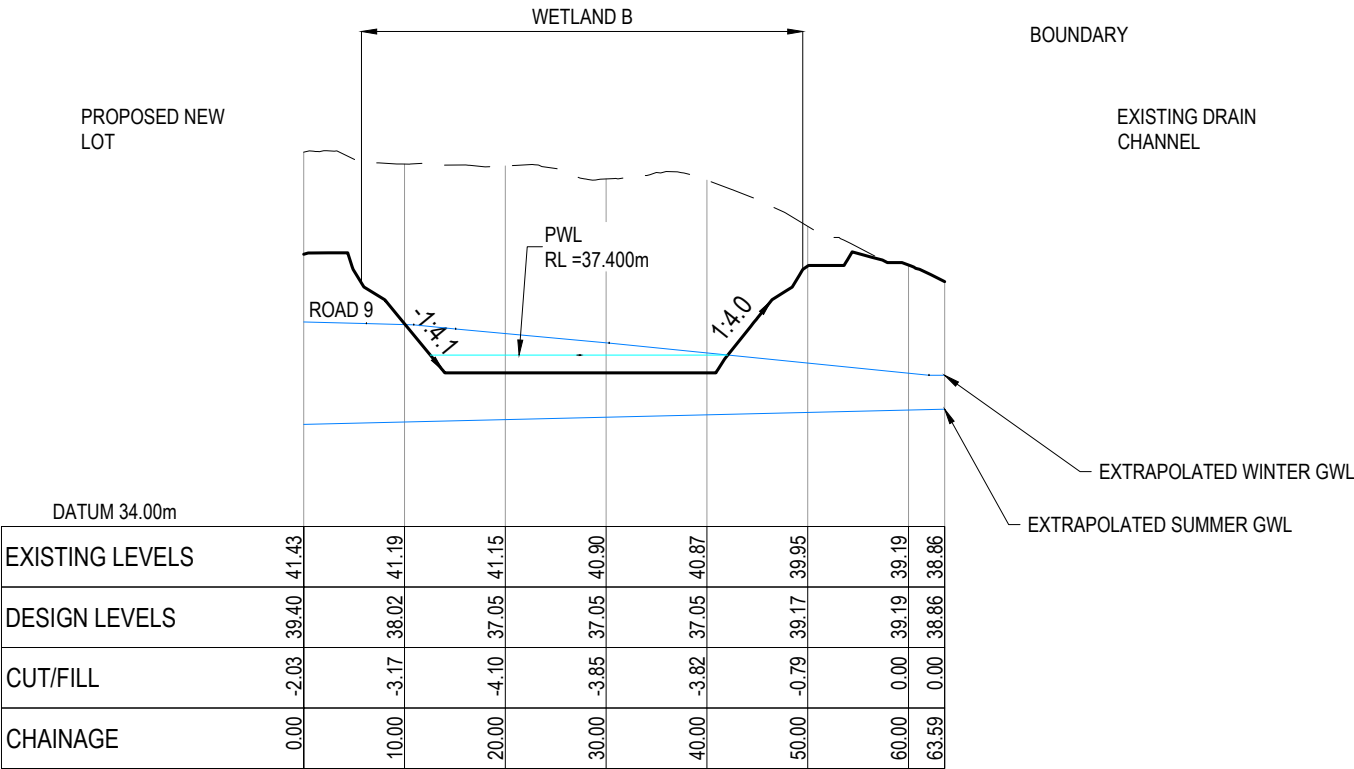
DATE: 7/9/25 FILE PATH: MAVEN\MAVENCONSULTING\CO_NZ\HAREQUENT\MAVEN_HAMILTON\PROJECTS\298001 - SOUTHERN LINKS 1\STG_R1\DWG\298001-R1-C440 SW WETLAND.DWG

RESOURCE CONSENT

DATE: 7/9/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARE\CURRENT\MAVEN - HAMILTON - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C440 SW WETLAND.DWG



PROPOSED - Section - B1 CH 0+00.00 TO CH 2+42.62
SCALE: HORI 1:1250 VERT 1:250



PROPOSED - Section - B2 CH 0+00.00 TO CH 0+63.59
SCALE: 1:750 H / 1:150 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. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING ???m.
 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 GROUND LEVEL
—	PROP GROUND LEVEL
—	SUMMER/WINTER GWL
—	PWL

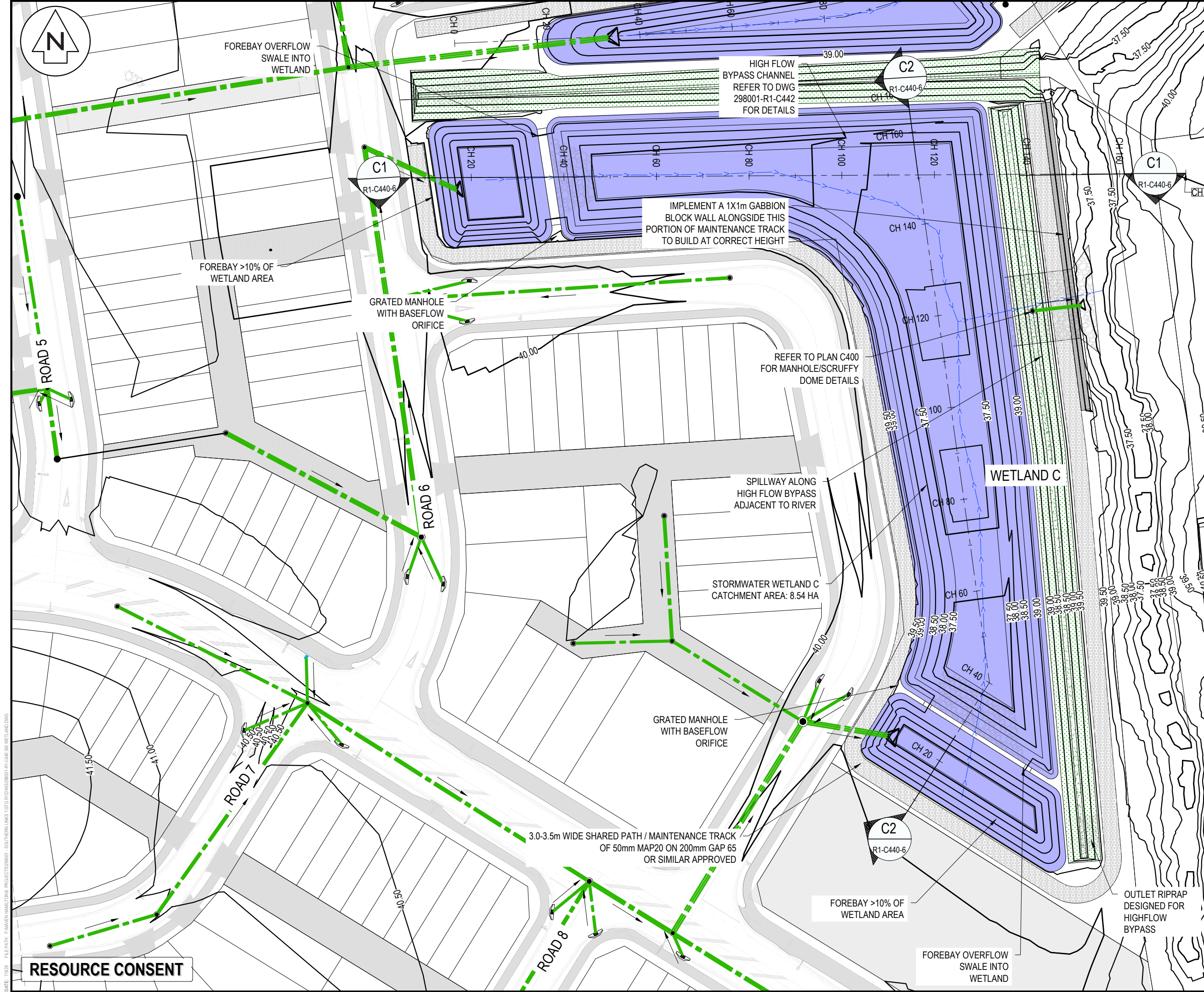
A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

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
SAXBY RD JV LIMITED**

Title
**PROPOSED STORMWATER
WETLAND B
SECTIONS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C440 SW WETLAND.DWG		
Drawing no.	R1-C440-4	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 777m.
 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
---	PROP BOUNDARY
---	PROP CATCHMENT
---	PROP SW NETWORK
---	PROP SW SCRUFFY
---	PROP SW OUTLET
---	PROP SW FOREBAY
---	PROP SW WETLAND
---	PROP HIGH FLOW BYPASS
---	PROP SHARED PATH / MAINTENANCE TRACK
---	ROCK RIP RAP
---	GABBION BLOCK WALL

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	11/2025	
Checked	DJM	11/2025	

M Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

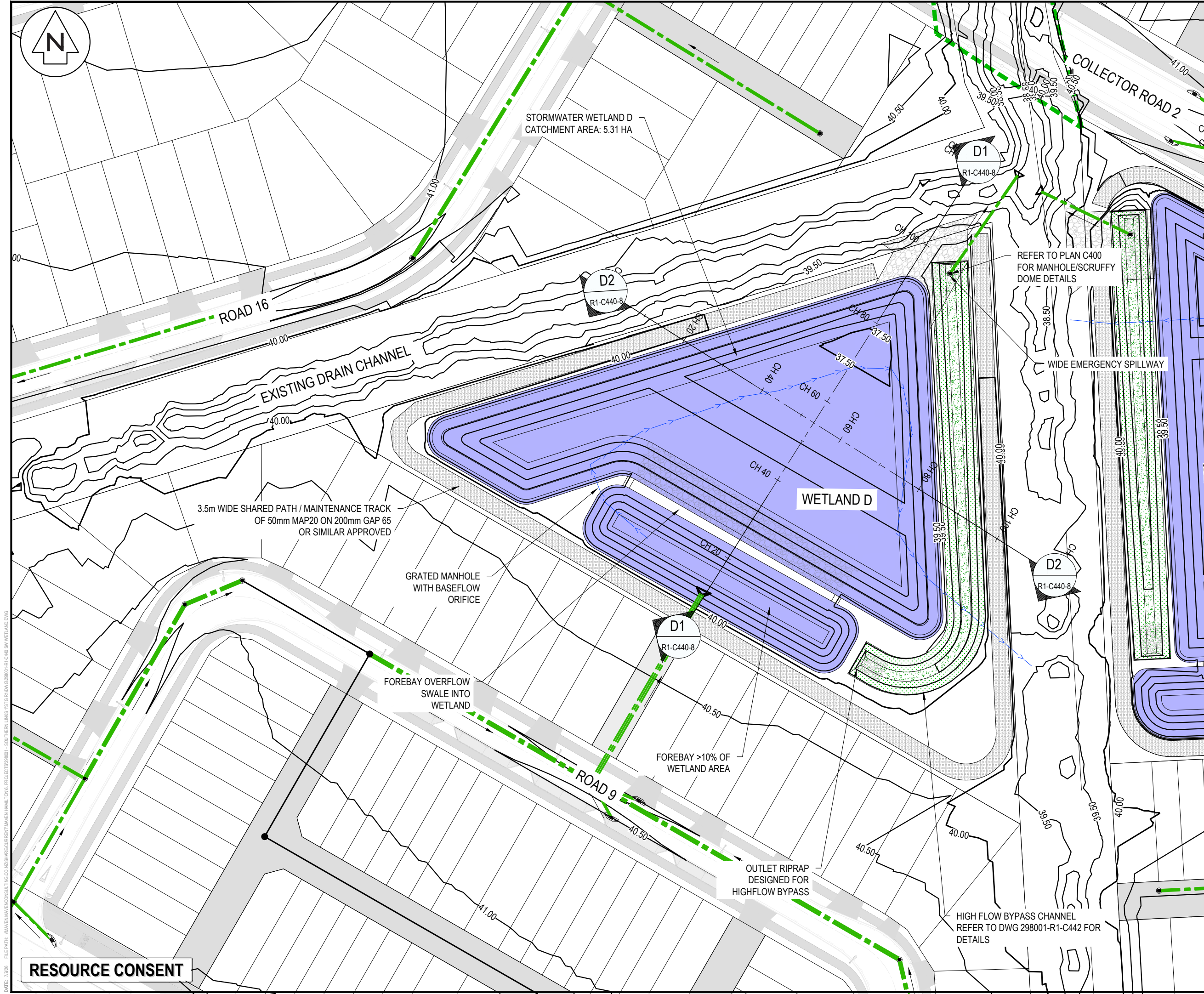
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED STORMWATER
WETLAND C
PLAN**

Project no.	298001-R1 SL1
Scale	1:750 @ A3
Cad file	298001-R1-C440 SW WETLAND.DWG
Drawing no.	R1-C440-5
Rev	A

DATE: 7/2/25 FILEPATH: F:\MVEN\HAMILTON\6 PROJECTS\298001 - SOUTHERN LINKS 1\STG1\DWG\298001-R1-C440 SW WETLAND.DWG

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 777m.
 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
	PROP BOUNDARY
	PROP CATCHMENT
	PROP SW NETWORK
	PROP SW SCRUFFY
	PROP SW OUTLET
	PROP SW FOREBAY
	PROP SW WETLAND
	PROP HIGH FLOW BYPASS
	PROP SHARED PATH / MAINTENANCE TRACK
	ROCK RIP RAP
	GABBION BLOCK WALL

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	11/2025	
Checked	DJM	11/2025	

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
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

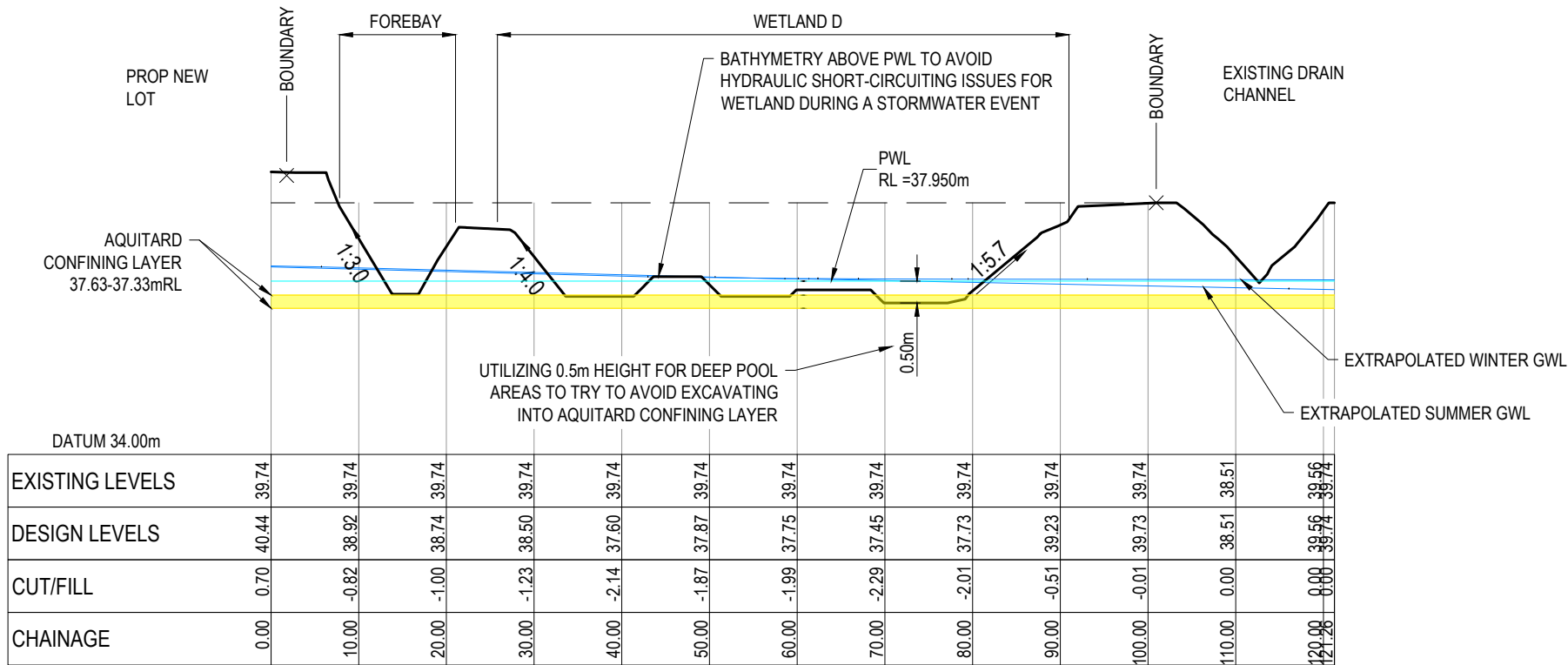
Title

**PROPOSED STORMWATER
WETLAND D
PLAN**

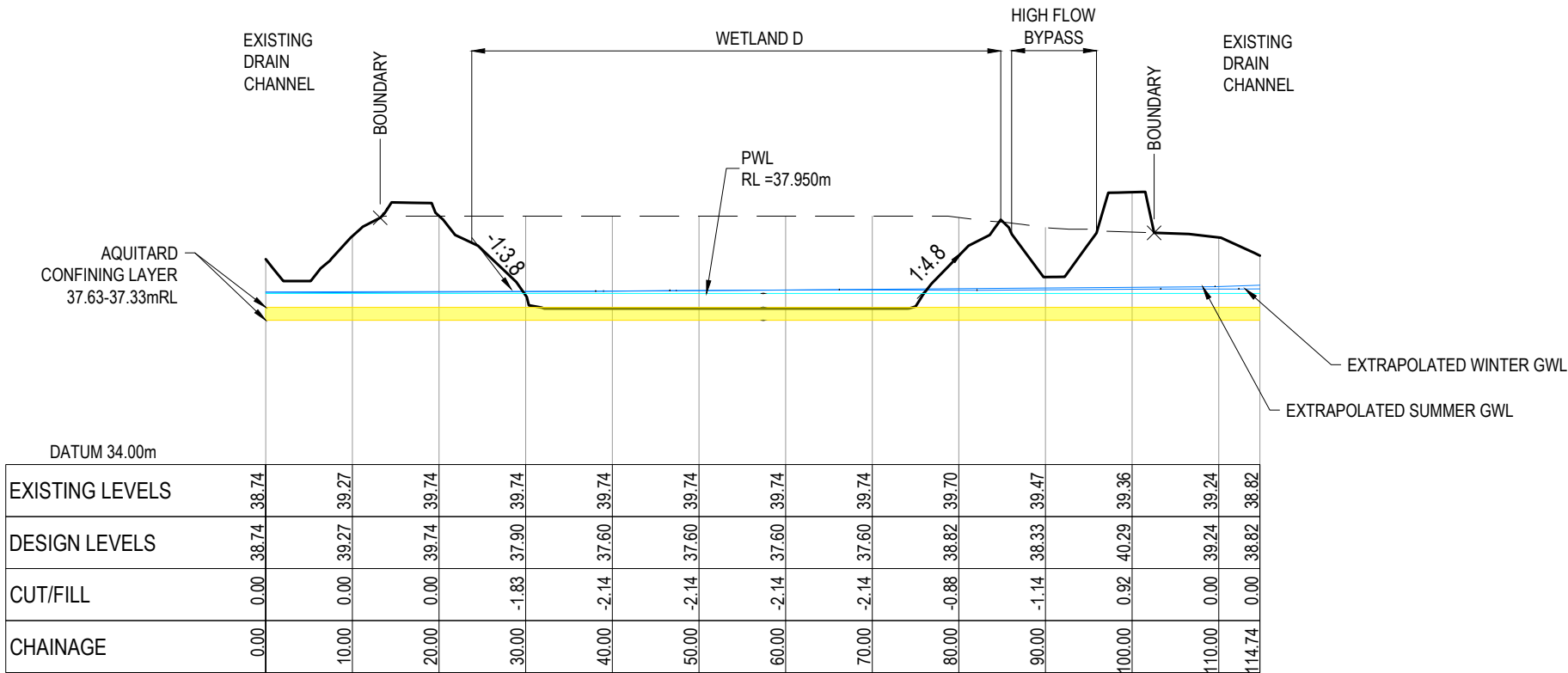
Project no.	298001-R1 SL1
Scale	1:750 @ A3
Cad file	298001-R1-C440 SW WETLAND.DWG
Drawing no.	R1-C440-7
Rev	A

RESOURCE CONSENT

DATE: 7/9/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARE\CURRENT\MAVEN - HAMILTON - PROJECT\298001-R1-C440 SW WETLAND.DWG



PROPOSED - Section - D1 CH 0+00.00 TO CH 1+21.26
SCALE: 1:750 H / 1:150 V



PROPOSED - Section - D2 CH 0+00.00 TO CH 1+14.74
SCALE: 1:750 H / 1:150 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. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 777m.
 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 GROUND LEVEL
- PROP GROUND LEVEL
- SUMMER/WINTER GWL
- PWL

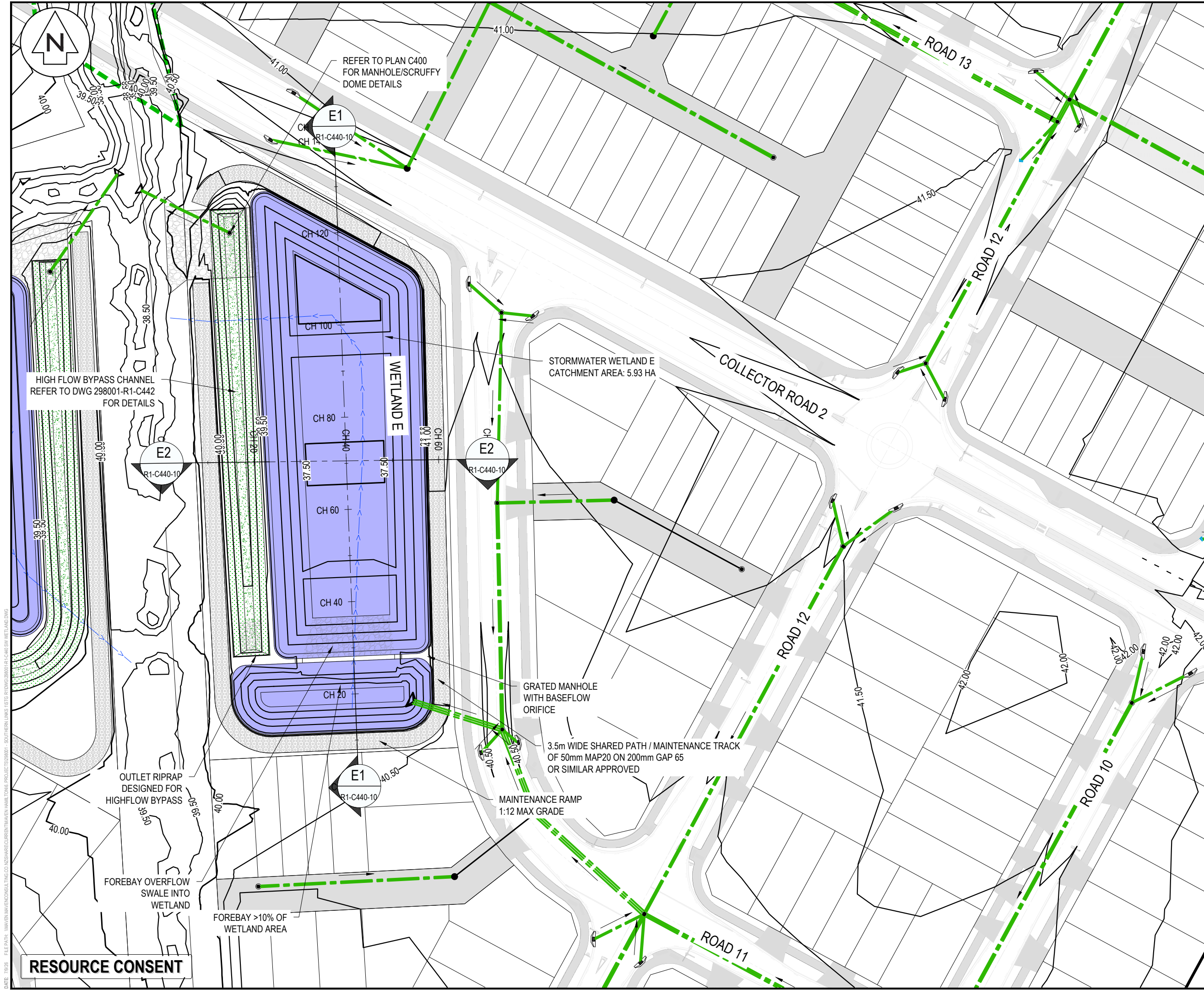
A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED STORMWATER
WETLAND D
SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C440 SW WETLAND.DWG
Drawing no.	R1-C440-8
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 777m.
 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
 - PROP BOUNDARY
 - PROP CATCHMENT
 - PROP SW NETWORK
 - PROP SW SCRUFFY
 - PROP SW OUTLET
 - PROP SW FOREBAY
 - PROP SW WETLAND
 - PROP HIGH FLOW BYPASS
 - PROP SHARED PATH / MAINTENANCE TRACK
 - ROCK RIP RAP
 - GABBION BLOCK WALL

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

M Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

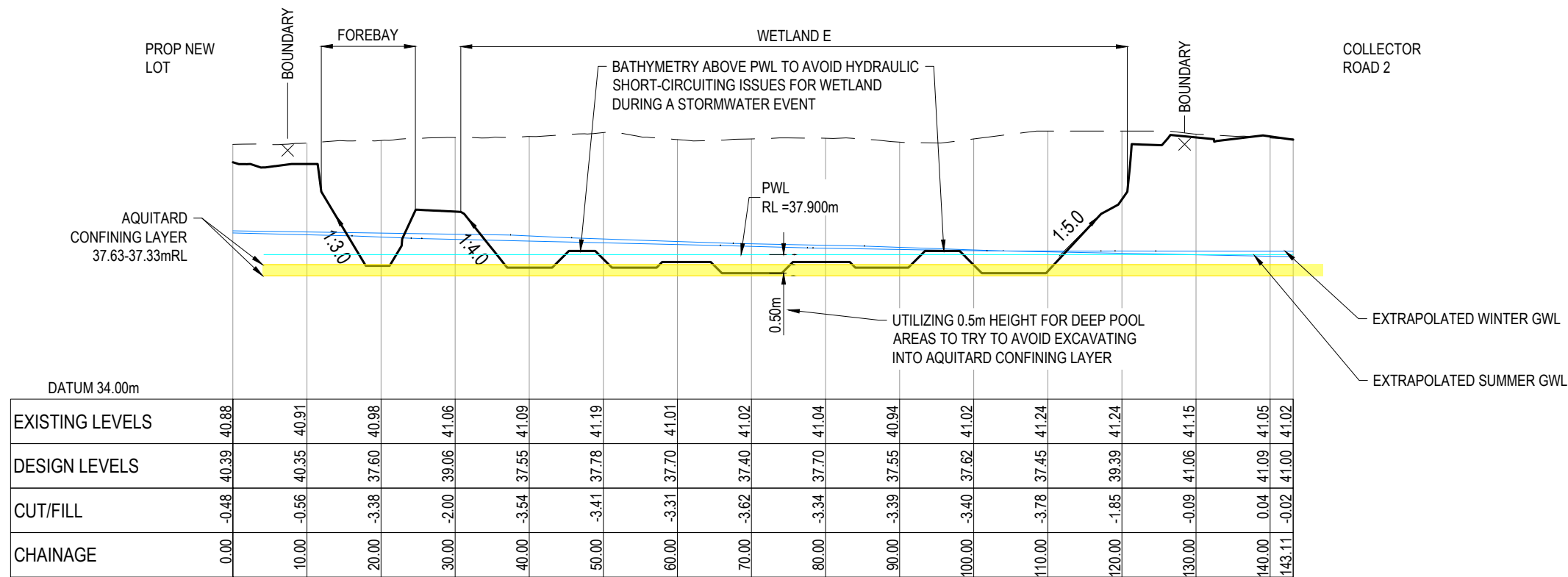
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED STORMWATER
WETLAND E
PLAN**

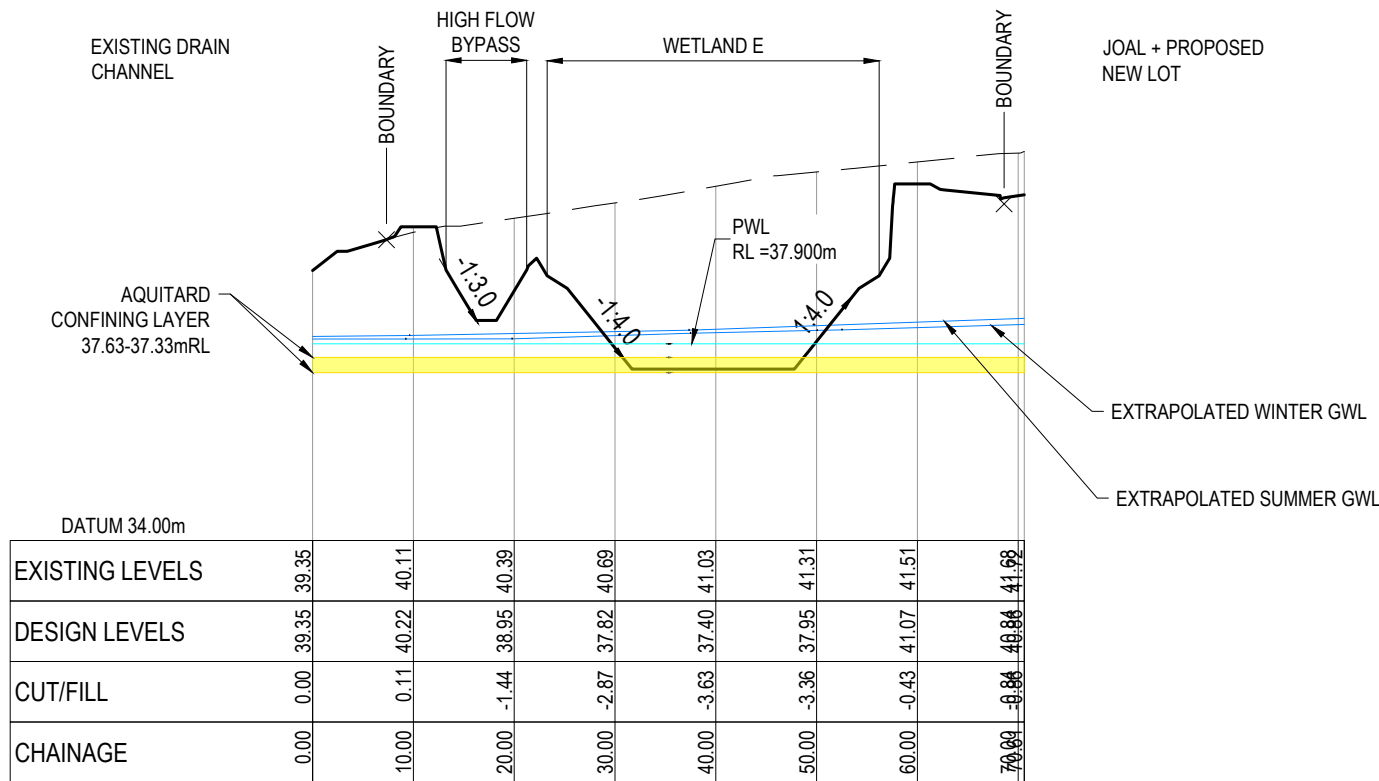
Project no.	298001-R1 SL1
Scale	1:750 @ A3
Cad file	298001-R1-C440 SW WETLAND.DWG
Drawing no.	R1-C440-9
Rev	A

DATE: 7/20/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO_NZ\SHARED\PROJECTS\WETLANDS\PROJECTS\298001 - SOUTHERN LINKS 1\STG 1\DWG\298001-R1-C440 SW WETLAND.DWG

RESOURCE CONSENT



PROPOSED - Section - E1 CH 0+00.00 TO CH 1+43.11
SCALE: 1:750 H / 1:150 V



PROPOSED - Section - E2 CH 0+00.00 TO CH 0+70.61
SCALE: 1:750 H / 1:150 V

- 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 ???m.
 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 GROUND LEVEL
—	PROP GROUND LEVEL
—	SUMMER/WINTER GWL
—	PWL

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025



Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED STORMWATER
WETLAND E
SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C440 SW WETLAND.DWG
Drawing no.	R1-C440-10
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. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 777m.
 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
 - PROP BOUNDARY
 - PROP CATCHMENT
 - PROP SW NETWORK
 - PROP SW SCRUFFY
 - PROP SW OUTLET
 - PROP SW FOREBAY
 - PROP SW WETLAND
 - PROP HIGH FLOW BYPASS
 - PROP SHARED PATH / MAINTENANCE TRACK
 - ROCK RIP RAP
 - GABBION BLOCK WALL

A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		07/2025
Drawn	MJRA		11/2025
Checked	DJM		11/2025

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
SAXBY RD JV LIMITED**

Title
**PROPOSED STORMWATER
DETENTION POND F
PLAN**

Project no.	298001-R1 SL1
Scale	1:750 @ A3
Cad file	298001-R1-C440 SW WETLAND.DWG
Drawing no.	R1-C440-11
Rev	A

OUTLET RIPRAP
DESIGNED FOR
HIGHFLOW BYPASS

STORMWATER WETLAND F
CATCHMENT AREA: 3.99 HA

HIGH FLOW BYPASS CHANNEL
REFER TO DWG 298001-R1-C442
FOR DETAILS

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

WIDE EMERGENCY SPILLWAY
REFER TO DWG 298001-R1-C442
FOR DETAILS

MANHOLE/SCRUFFY
DOME WITH 10YR AND
100YR OUTLET. REFER
TO PLAN C442-2

GRATED MANHOLE
WITH BASEFLOW
ORIFICE

FOREBAY >10% OF
WETLAND AREA

FOREBAY OVERFLOW
SWALE INTO
WETLAND

F1
R1-C440-12

F2
R1-C440-12

F2
R1-C440-12

F1
R1-C440-12

ROAD 8

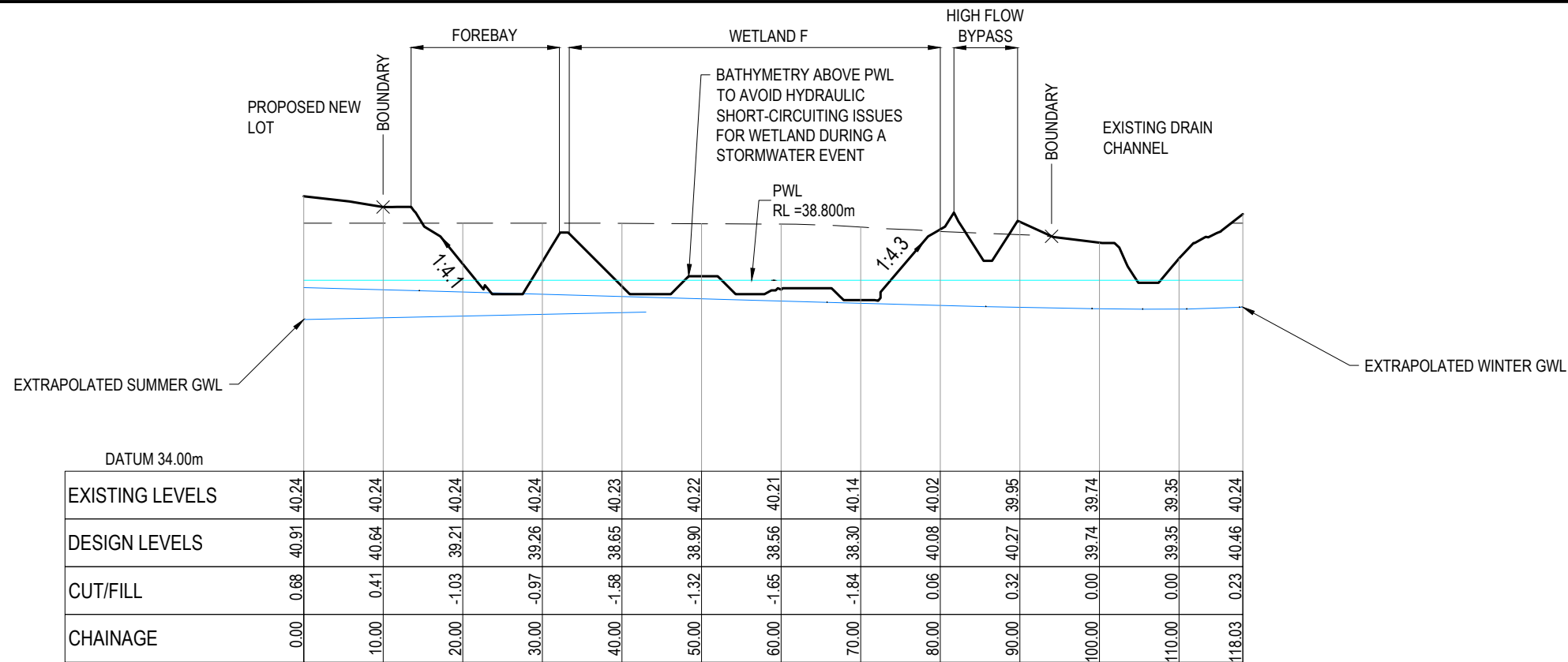
ROAD 16

ROAD 9

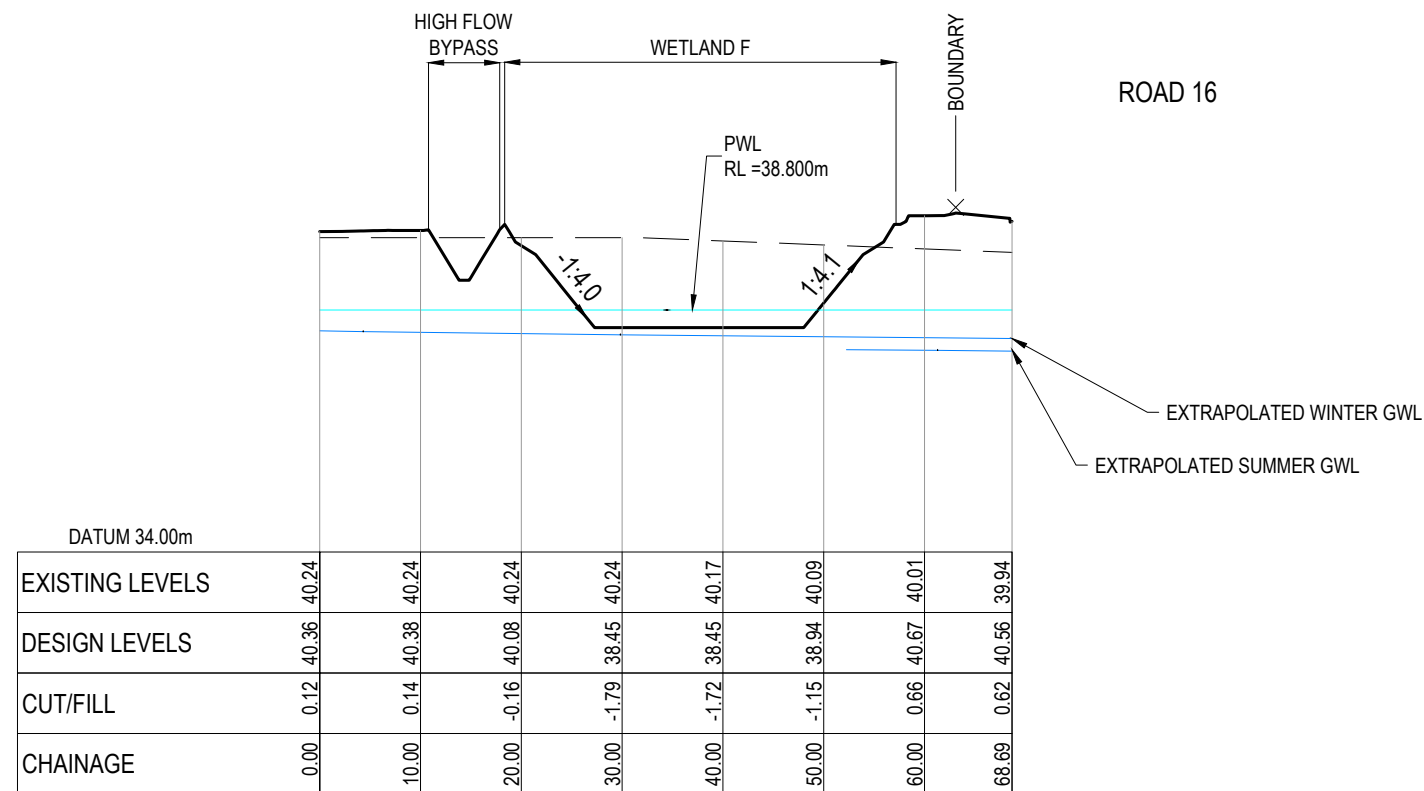
RESOURCE CONSENT

DATE: 7/20/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARES\CURRENT\WAIKATO\HAMILTON\PROJECTS\298001 - SOUTHERN LINKS 1\STG 1\DWG\298001-R1-C440 SW WETLAND.DWG

DATE: 7/9/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CO NZ\SHARE\CURRENT\MAVEN - HAMILTON - PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-C440 SW WETLAND.DWG



PROPOSED - Section - F1 CH 0+00.00 TO CH 1+18.03
SCALE: 1:750 H / 1:150 V



PROPOSED - Section - F2 CH 0+00.00 TO CH 0+68.69
SCALE: 1:750 H / 1:150 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. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 777m.
 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 GROUND LEVEL
- PROP GROUND LEVEL
- SUMMER/WINTER GWL
- PWL

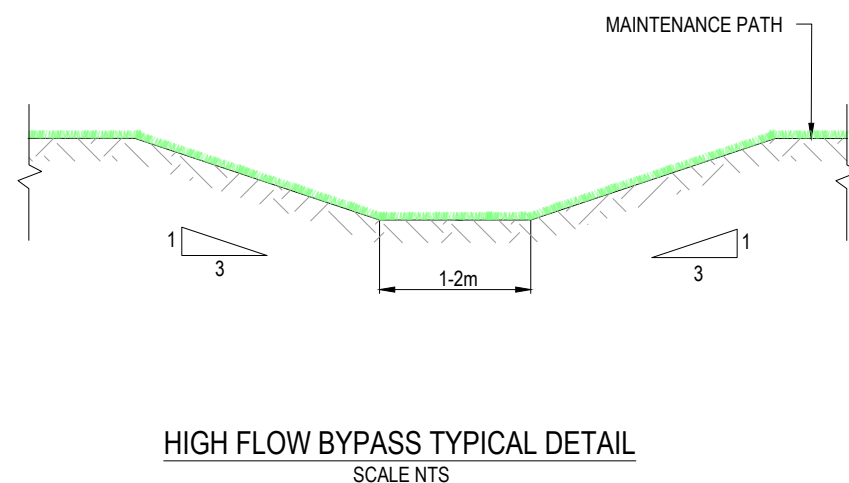
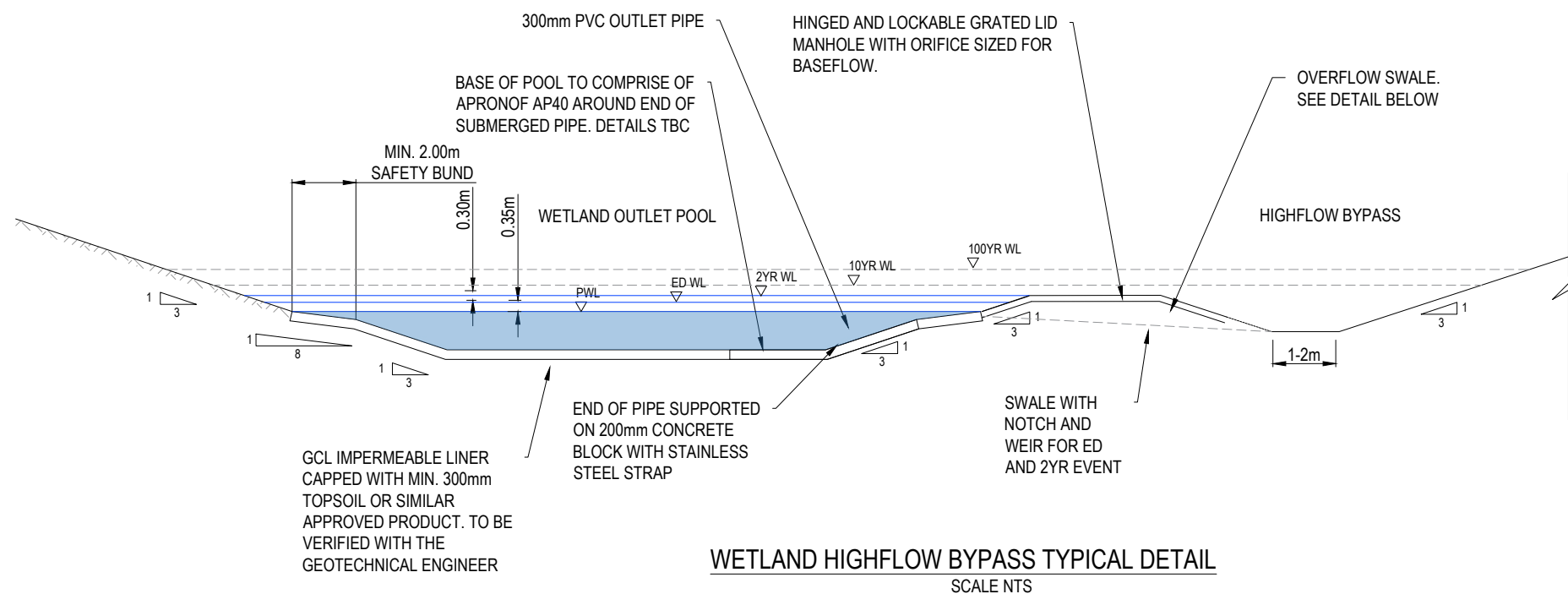
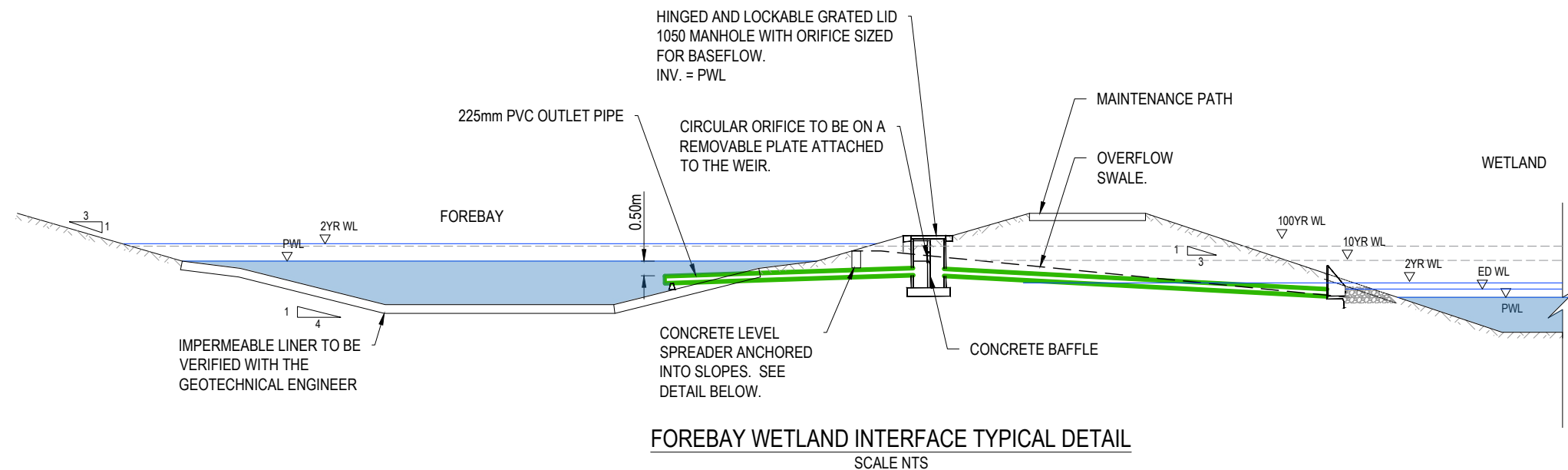
A	FAST TRACK APP	MJRA	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	07/2025	
Drawn	MJRA	11/2025	
Checked	DJM	11/2025	



Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED STORMWATER
DETENTION POND F
SECTIONS**

Project no.	298001-R1 SL1
Scale	AS SHOWN
Cad file	298001-R1-C440 SW WETLAND.DWG
Drawing no.	R1-C440-12
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.
 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	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	NK		10/2025
Drawn	NK		10/2025
Checked	DJM		11/2025

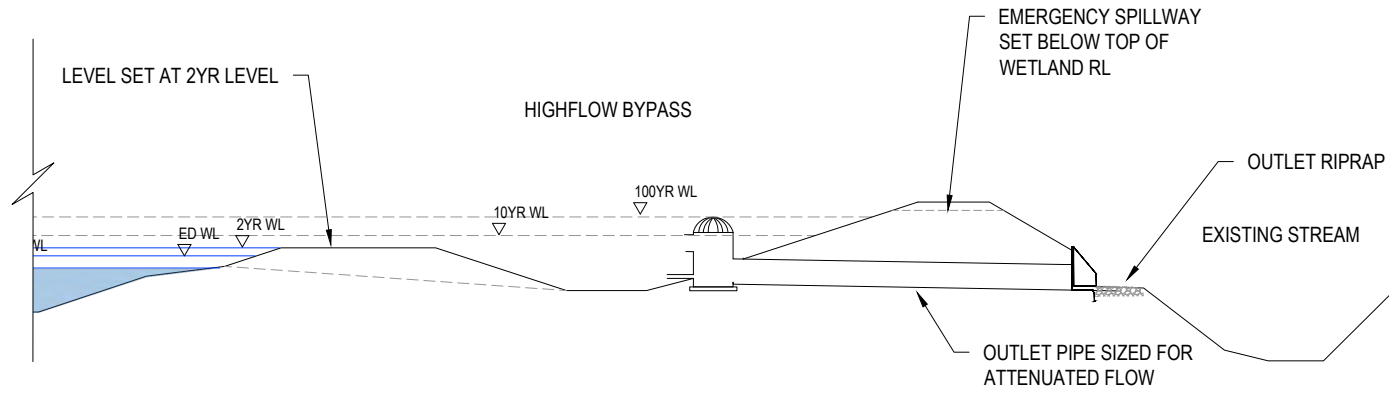
M **Maven Waikato**
07 242 0601
info@maven.co.nz
www.maven.co.nz
Level 1 286 Victoria Street, Hamilton
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

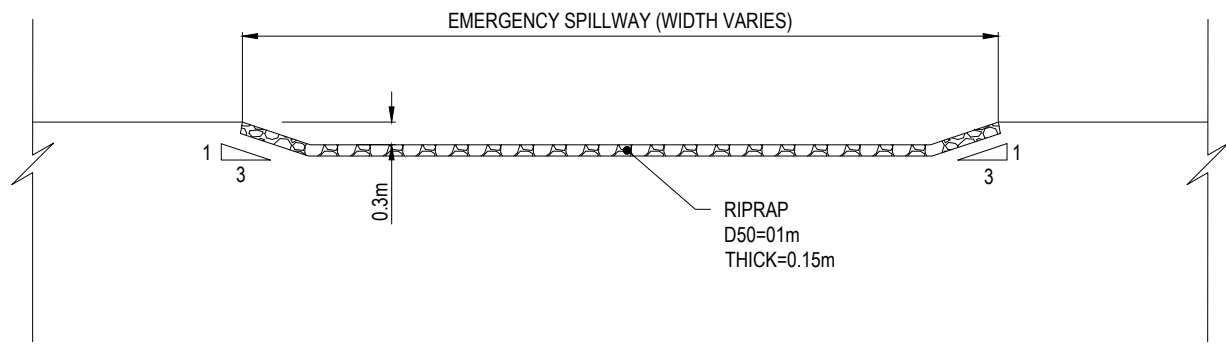
Title
**PROPOSED
WETLAND
DETAILS**

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

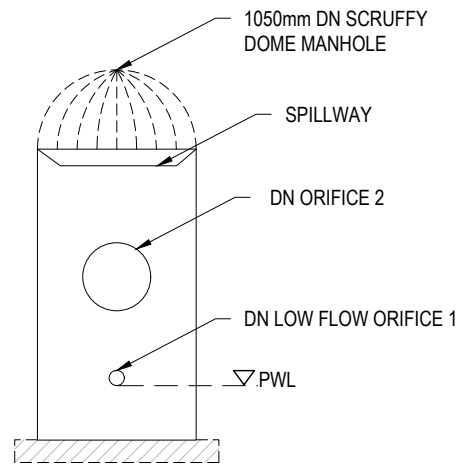
RESOURCE CONSENT



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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	NK	10/2025	
Drawn	NK	10/2025	
Checked	DJM	11/2025	

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

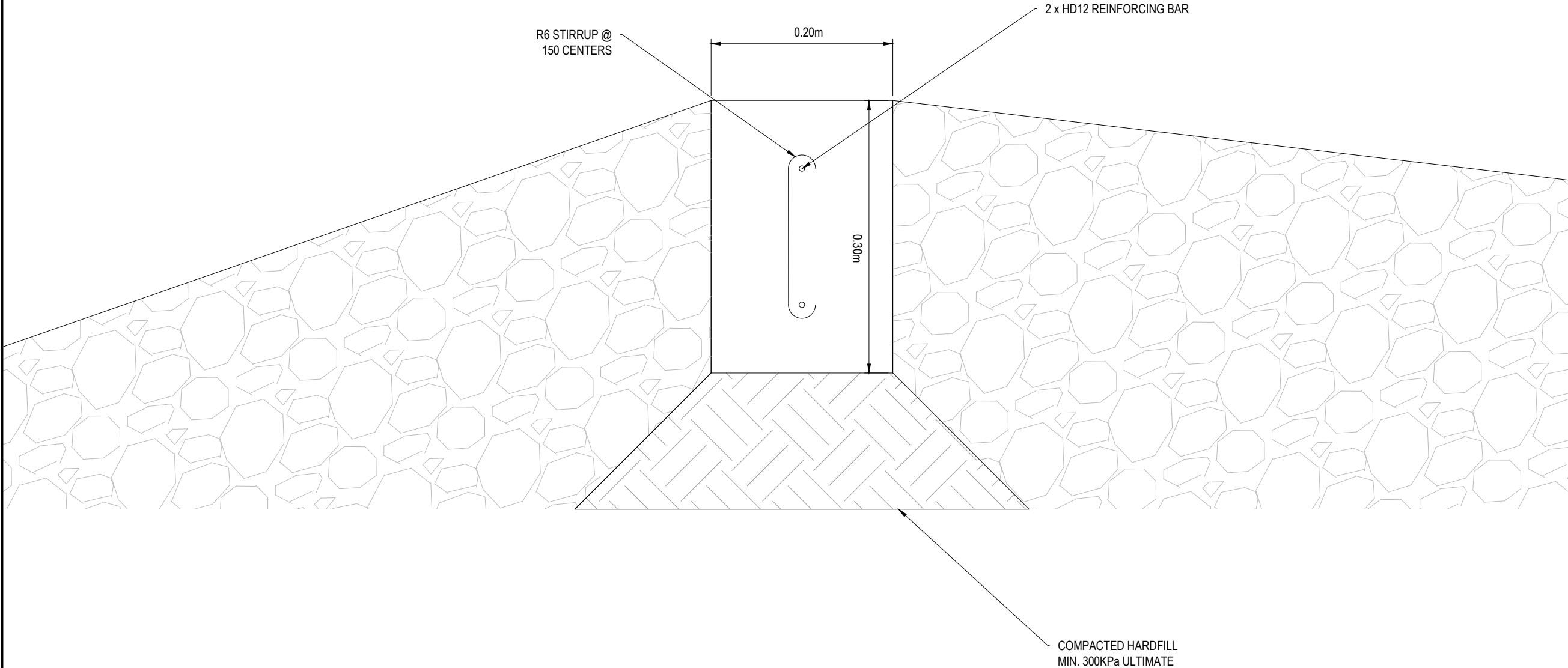
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
WETLAND
DETAILS**

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

RESOURCE CONSENT

DATE: 6/9/25 FILEPATH: F:\MAVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG R1\DWG\298001-R1-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.
 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	06/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	NK		10/2025
Drawn	NK		10/2025
Checked	DJM		11/2025



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
SAXBY RD JV LIMITED**

Title
**PROPOSED
WETLAND
DETAILS**

Project no.	298001-R1 SL1		
Scale	AS SHOWN @ A3		
Cad file	298001-R1-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. 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. CONTOURS ARE A MERGED SURFACE BETWEEN PROPOSED AND EXISTING TO SHOW GULLY INTERFACE - CULVERT/ROAD SURFACE LEVELS REMOVE FROM SURFACE.

LEGEND

---	EX BDY
---	PROP BDY
---	STAGE BOUNDARY
---	EXISTING STREAM FLOW
---	PR RIPRAP
---	PR CULVERT

A	FAST TRACK APP	MKS	08/2026
Rev	Description	By	Date
Survey	MAVEN	06/2025	
Design	MKS	08/2026	
Drawn	MKS	08/2026	
Checked	DJM	08/2026	

M Maven Waikato
07 242 0601
info@maven.co.nz
www.maven.co.nz
19 Kaimiro Street, Pukete
Hamilton 3200
New Zealand

Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
CULVERT
OVERVIEW PLAN**

Project no.	298001-R1 SL1		
Scale	1:4000 @ A3		
Cad file	298001-R1-C475-SW CULVERTS.DWG		
Drawing no.	R1-C475	Rev	A

CULVERT 2

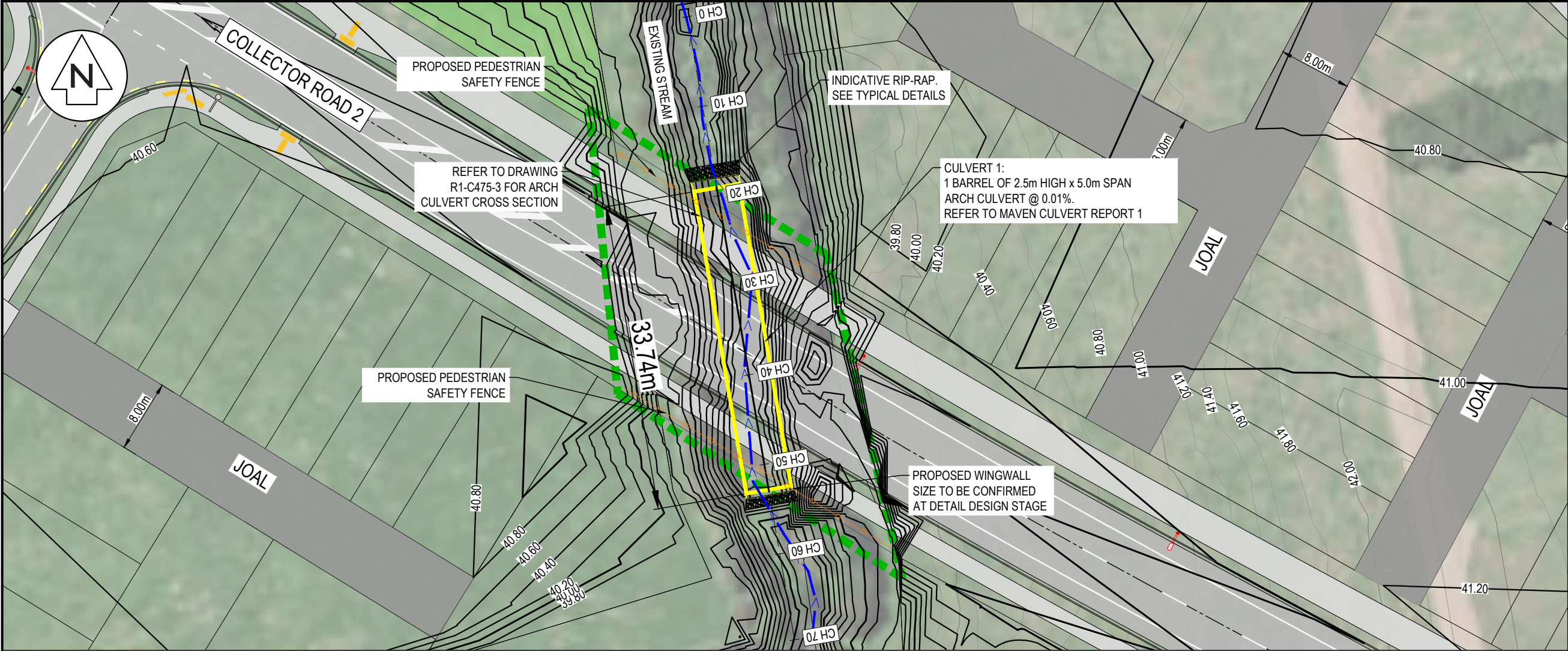
C475-1

CULVERT 1

C475-2

LOT 2 DP 300862

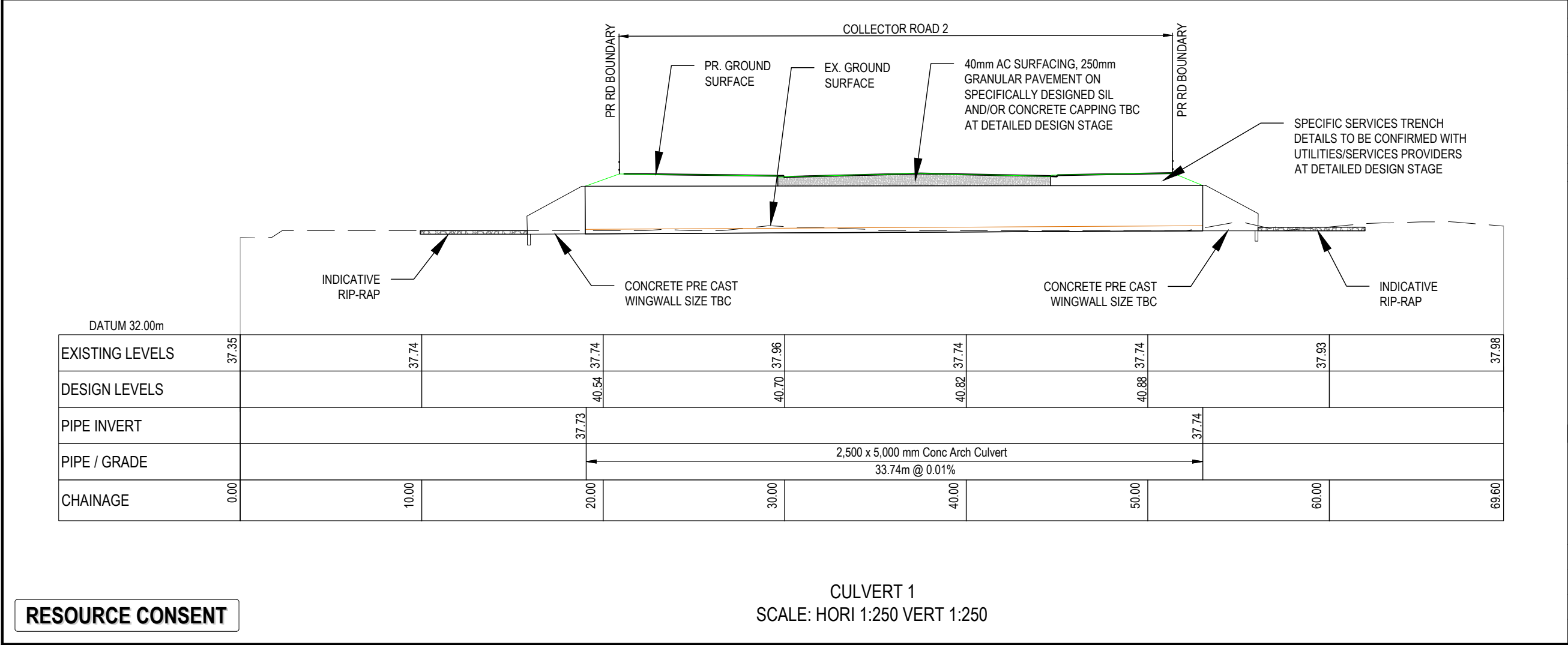
RESOURCE CONSENT



- 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. CONTOURS ARE A MERGED SURFACE BETWEEN PROPOSED AND EXISTING TO SHOW GULLY INTERFACE - CULVERT/ROAD SURFACE LEVELS REMOVE FROM SURFACE.

LEGEND

---	EX BDY
---	PROP BDY
---	STAGE BOUNDARY
---	EXISTING STREAM FLOW
---	PR RIPRAP
---	PR CULVERT



A	FAST TRACK APP	MJRA	08/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MJRA		08/2026
Drawn	MJRA		08/2026
Checked	DJM		08/2026

M **MAVEN** **Waikato**
07 242 0601
info@maven.co.nz
www.maven.co.nz
19 Kaimiro Street, Pukekohe
Hamilton 3200
New Zealand

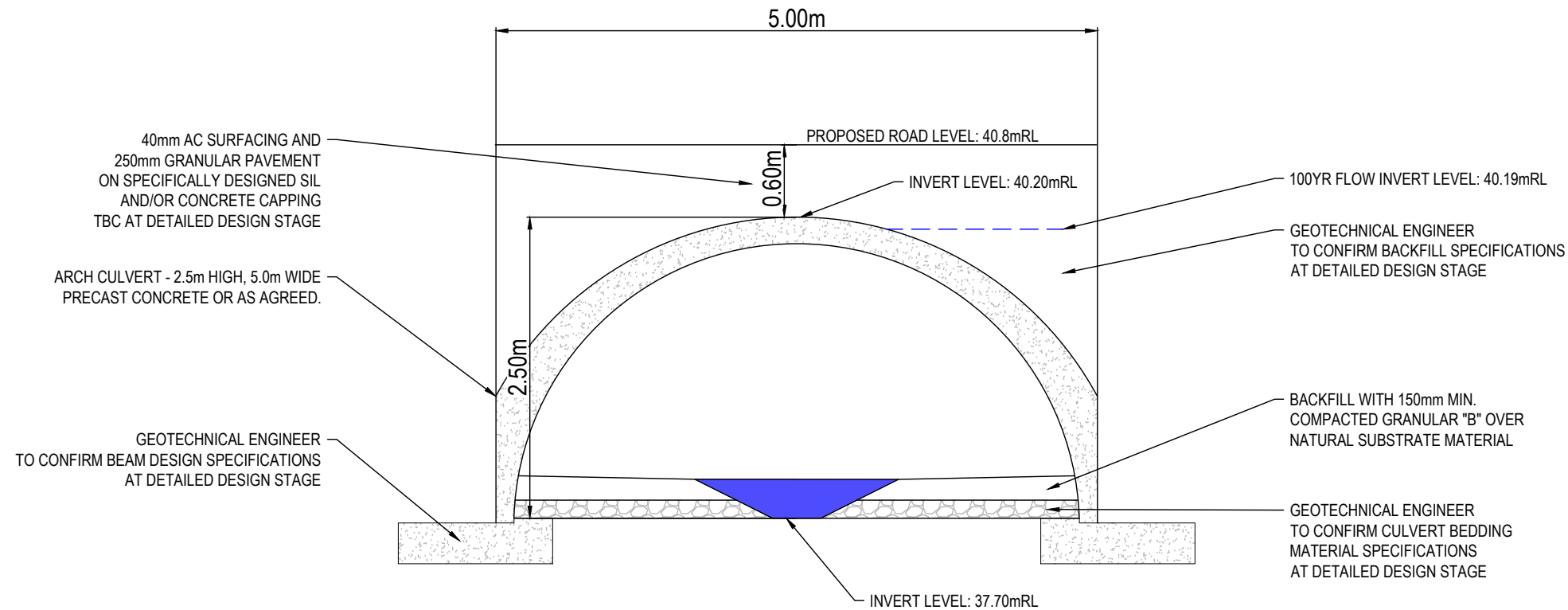
Project
**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
CULVERT 1
LONGSECTION**

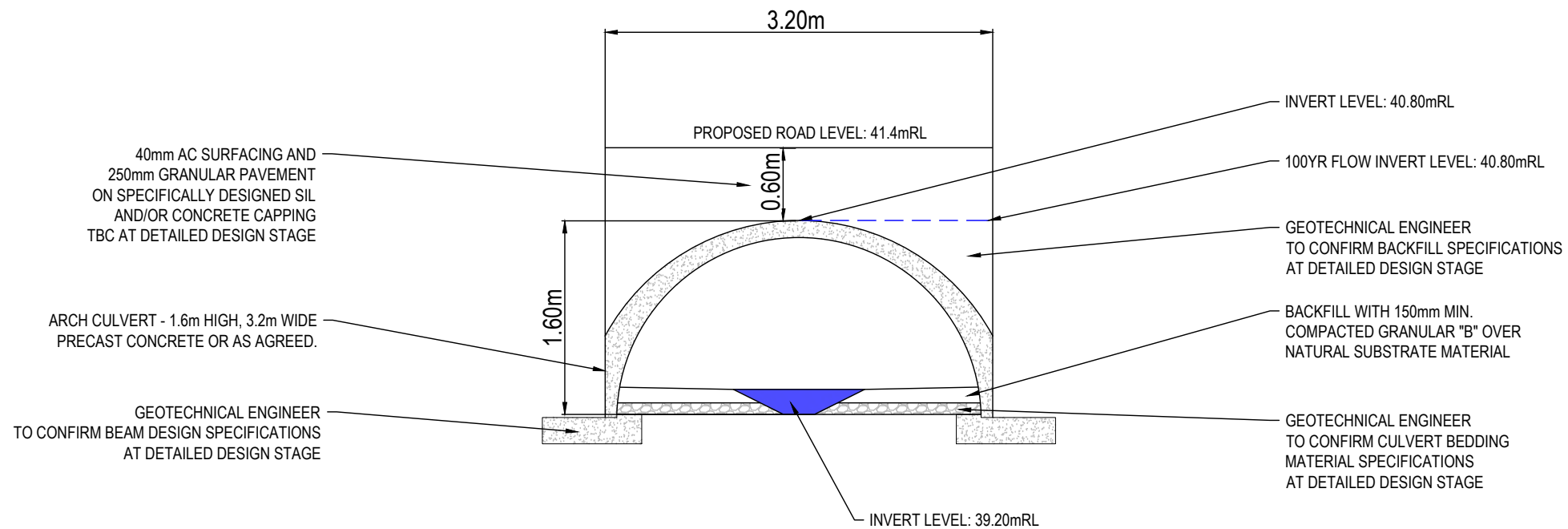
Project no.	298001-R1 SL1
Scale	1:500 @ A3
Cad file	298001-R1-C475-SW CULVERTS.DWG
Drawing no.	R1-C475-1
Rev	A

RESOURCE CONSENT

DATE: 9/2/25 FILEPATH: F:\MVEN\HAMILTON6 PROJECTS\298001 - SOUTHERN LINKS 1\STG1\DWG\298001-R1-C475-SW CULVERTS.DWG



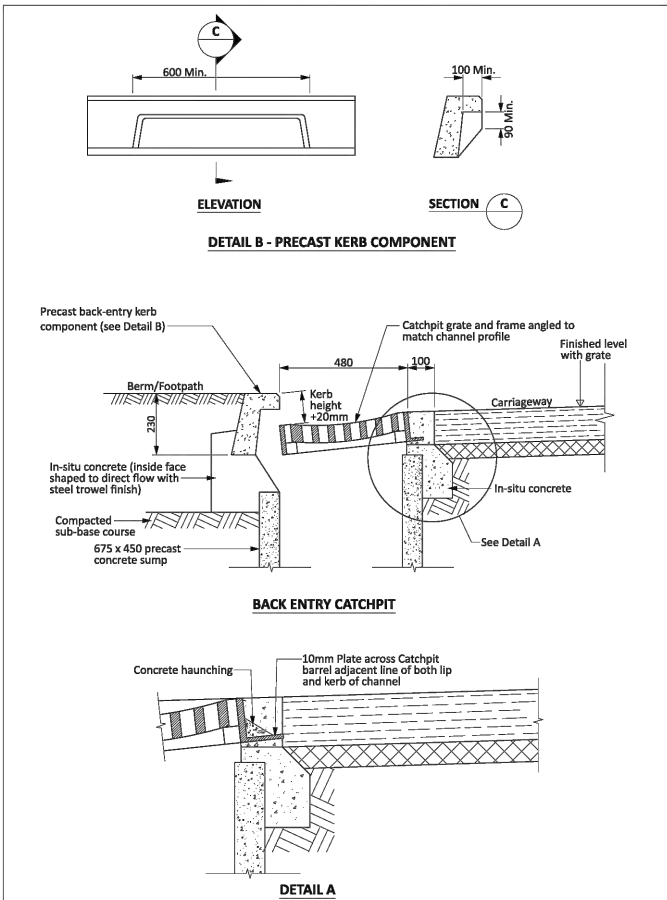
ARCH CULVERT 1 CROSS SECTION
SCALE 1:50 HORI & 1:10 VERTICAL @ A3



ARCH CULVERT 2 CROSS SECTION
SCALE 1:50 HORI & 1:10 VERTICAL @ A3

A	FAST TRACK APP	MKS	08/2026
Rev	Description	By	Date
Survey	MAVEN		06/2025
Design	MKS		08/2026
Drawn	MKS		08/2026
Checked	DJM		08/2026
M MAVEN Maven Waikato 07 242 0601 info@maven.co.nz www.maven.co.nz 19 Kaimiro Street, Pukekohe Hamilton 3200 New Zealand			
Project SOUTHERN LINKS 1 RESIDENTIAL STAGE 1 HAMILTON, WAIKATO FOR SAXBY RD JV LIMITED			
Title PROPOSED ARCH CULVERT CROSS SECTION			
Project no.	298001-R1 SL1		
Scale	AS SHOWN		
Cad file	298001-R1-C475-SW CULVERTS.DWG		
Drawing no.	R1-C475-3	Rev	A

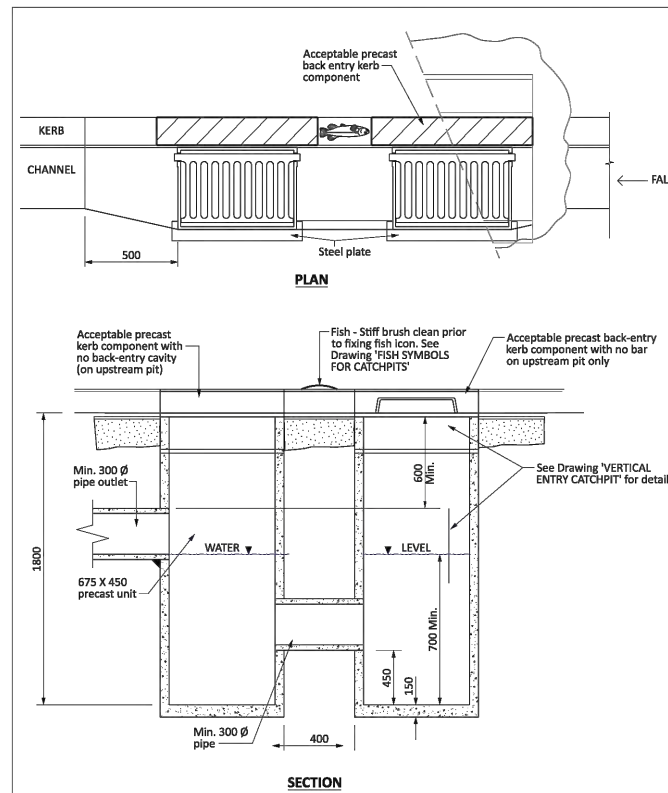
RESOURCE CONSENT



CATCHPIT BACK ENTRY DETAILS

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

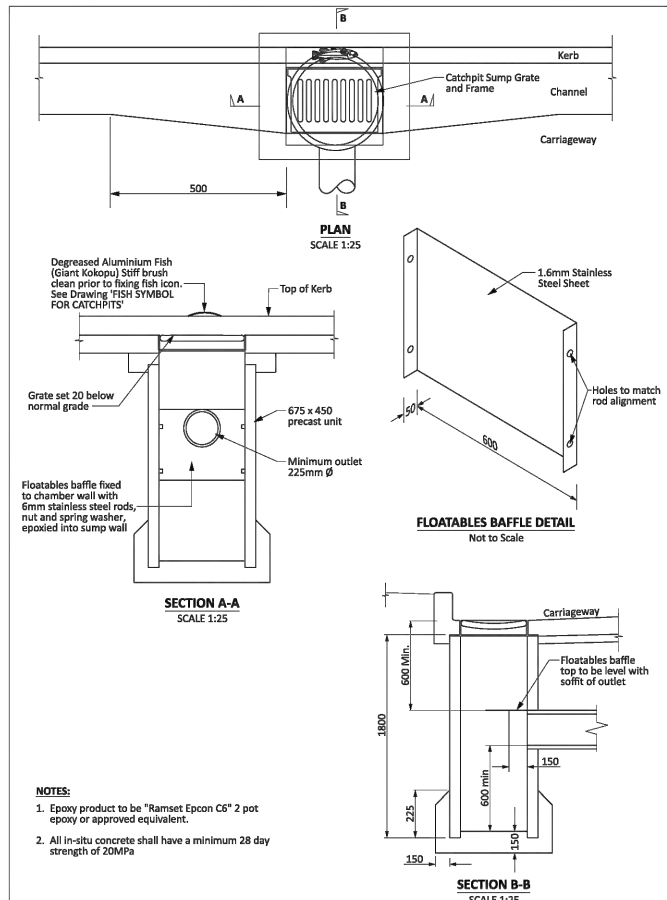


- NOTES:**
1. Epoxy product to be "ramset epcon C6" 2 pot epoxy or approved equivalent.
 2. All in-situ concrete shall have a minimum 28 day strength of 20MPa

DOUBLE SUMP CATCHPIT DESIGN

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

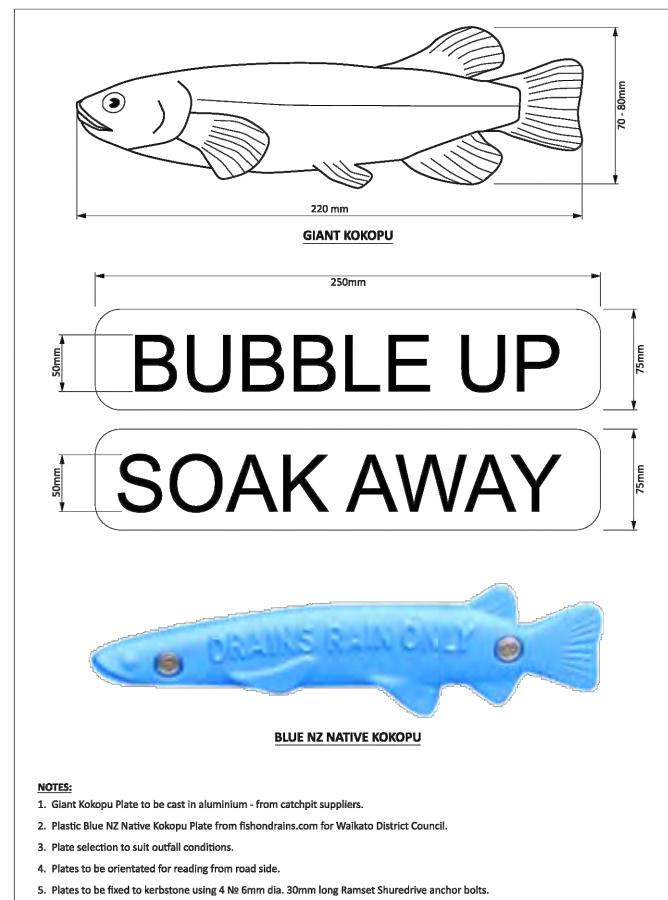
Version: April 2021



VERTICAL ENTRY CATCHPIT

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021



FISH SYMBOLS FOR CATCHPITS

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

- 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 ???m.
 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 RORRJ 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	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	10/2025	
Drawn	MKS	10/2025	
Checked	DJM	10/2025	

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
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title
**PROPOSED
STORMWATER
STANDARD DETAILS**

Project no.	298001-R1 SL1
Scale	1:85 @ A3
Cad file	298001-R1-C480 SW STANDARD DETAILS.DWG
Drawing no.	R1-C480-1
Rev	A

RESOURCE CONSENT

TOP SLAB FOR DN750 SHALLOW CHAMBER

DN750 INTERNAL SHALLOW CHAMBER

To be used only on pipes of DN100 to DN300
and where depth of invert is less than 1000mm

NOTES:

1. Ground level tolerances: Pavement +0mm, -5mm
Berm +5mm, -5mm
Footpath +10mm, -0mm



SHALLOW MANHOLE/CHAMBER

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

STANDARD CONNECTION WITH A DEPTH TO INVERT LESS THAN 2500mm - SECTION

RAMP RISER CONNECTION WITH A DEPTH TO INVERT GREATER THAN 2500mm - SECTION

POINT OF DISCHARGE: PUBLIC AND PRIVATE INFRASTRUCTURE



LATERAL CONNECTION

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

NOTES

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

LONG SECTION

CROSS SECTION

ANTI-SCOUR BLOCKS FOR STEEP DRAINAGE PIPES



INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

PLAN: BUILDING ADJACENT TO A PUBLIC MAIN

PLAN: BUILDING OVER A PUBLIC MAIN
(Only permitted if an alternative alignment is not possible)



BUILDING OVER AND ADJACENT TO PUBLIC WASTEWATER OR STORMWATER PIPELINES

REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION

Version: April 2021

A	FAST TRACK APP	MKS	06/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	06/2025	
Design	MKS	10/2025	
Drawn	MKS	10/2025	
Checked	DJM	10/2025	



Project

**SOUTHERN LINKS 1
RESIDENTIAL STAGE 1
HAMILTON, WAIKATO
FOR
SAXBY RD JV LIMITED**

Title

PROPOSED STORMWATER STANDARD DETAILS

Project no.	298001-R1 SL1		
Scale	1:85 @ A3		
Cad file	298001-R1-C480 SW STANDARD DETAILS.DWG		
Drawing no.	R1-C480-3	Rev	A