



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH THE WAIKATO DISTRICT COUNCIL/JAWAI STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
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- LEGEND
- EX STORMWATER
 - PR STORMWATER
 - PR LOT CONNECTION
 - EX/PR SWMH
 - PR CULVERT
 - PR MODIFIED STREAM
 - PR 12.5m WIDE CONVEYANCE CHANNEL
 - PR WETLAND
 - PR RAINGARDEN
 - PR BERM/LANDSCAPE
 - PR MAINTENANCE TRACKS
 - PR RECREATIONAL TRACKS
 - PR LOT SHEET FLOW
 - PR MINOR OULF
 - PR RD OULF DIRECTION
 - PR RD CREST/HIGH PT
 - PR RD SAG/LOW PT
 - PR WASTEWATER
 - EX/PR SWMH
 - PR LOT CONNECTION

Ref	Revisions	By	Date
A	RESOURCE CONSENT	SP	08/2026

M **MAVEN** Associates

Project: **PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP**

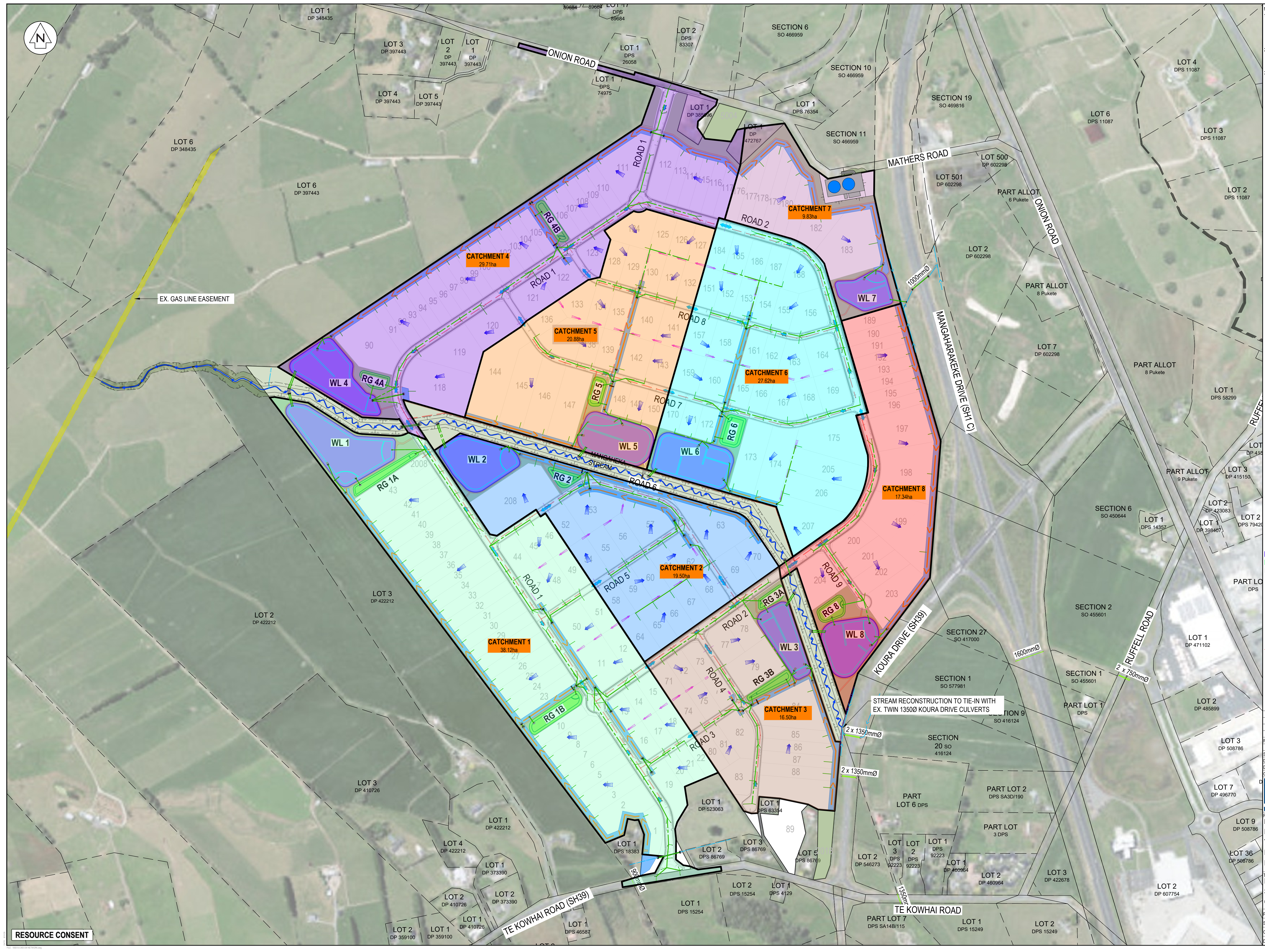
Title: **PROPOSED STORMWATER DRAINAGE OVERVIEW PLAN**

Project no: 180010

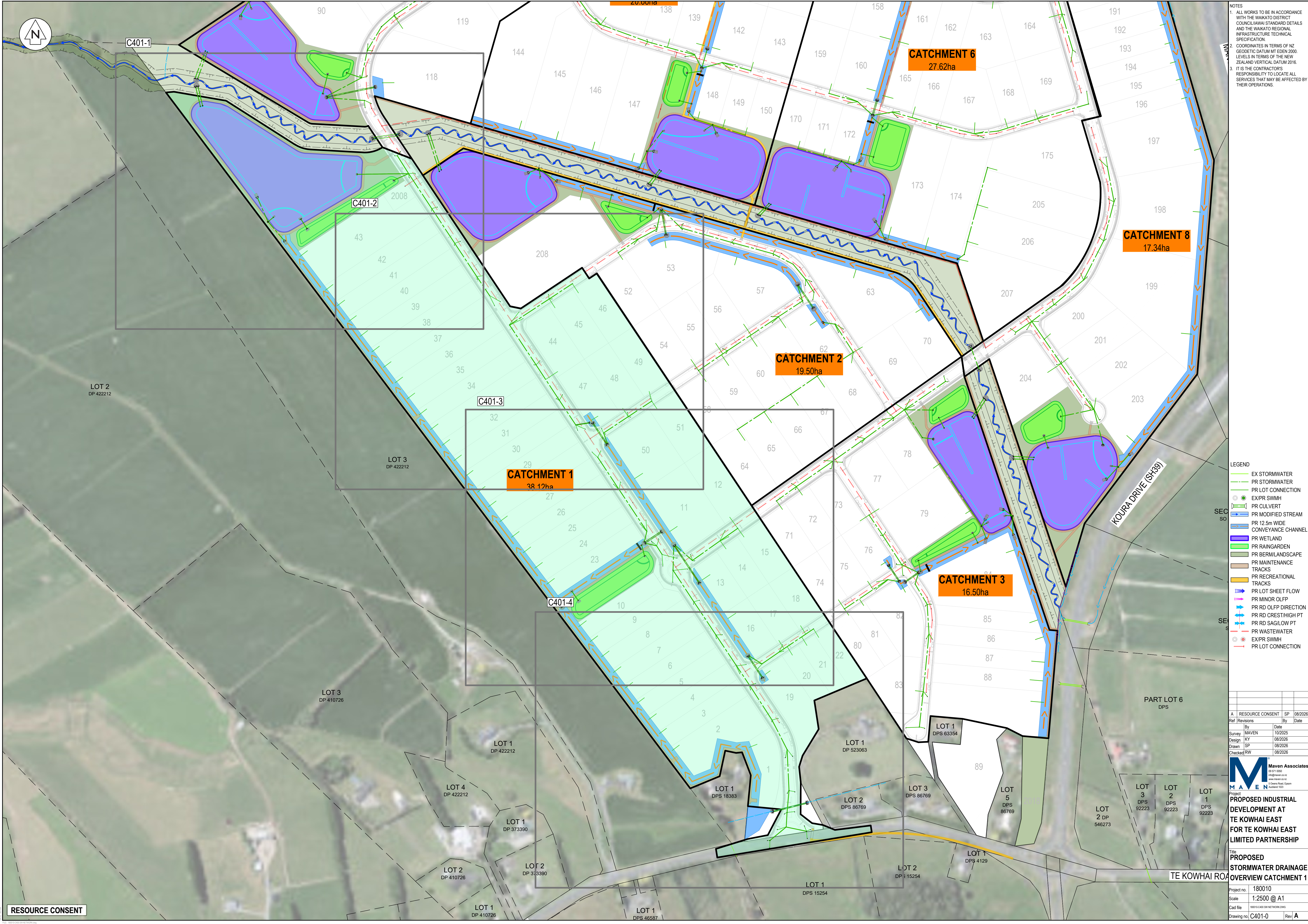
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Cad file: 180010-CAD SW NETWORK.DWG

Drawing no: C400-0 Rev: A



RESOURCE CONSENT



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 - PR RD CREST/HIGH PT
 - PR RD SAG/LOW PT
 - PR WASTEWATER
 - EX/PR SWMH
 - PR LOT CONNECTION

Ref	Revisions	By	Date
A	RESOURCE CONSENT	SP	08/2026

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Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED STORMWATER DRAINAGE OVERVIEW CATCHMENT 1

Project no. 180010
Scale 1:2500 @ A1
Cad file 180010-CAD 3IN NETWORK.DWG
Drawing no. C401-0 Rev A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH THE WAIKATO DISTRICT COUNCIL/IAWAH STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
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 - PR STORMWATER
 - PR LOT CONNECTION
 - EX/PR SWMH
 - PR CULVERT
 - PR MODIFIED STREAM
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 - PR WETLAND
 - PR RAINGARDEN
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 - PR MAINTENANCE TRACKS
 - PR RECREATIONAL TRACKS
 - PR LOT SHEET FLOW
 - PR MINOR OLPF
 - PR RD OLPF DIRECTION
 - PR RD CREST/HIGH PT
 - PR RD SAG/LOW PT
 - PR WASTEWATER
 - EX/PR SWMH
 - PR LOT CONNECTION

Ref	Revisions	By	Date	SP	Date
A	RESOURCE CONSENT				08/2026

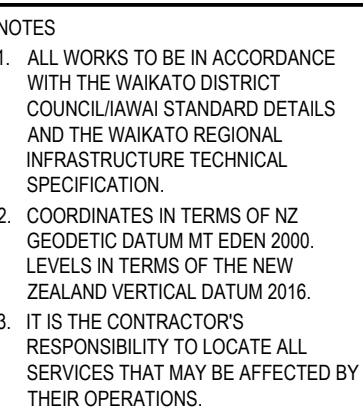
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Auckland 1052

Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED STORMWATER DRAINAGE PLAN - CATCHMENT 1

Project no. 180010
Scale 1:750 @ A1
Cadd file 180010-CADD SW NETWORK.DWG
Drawing no. C401-1
Rev. A

RESOURCE CONSENT



LEGEND

- EX STORMWATER
- PR STORMWATER
- PR LOT CONNECTION
- EX/PR SWHM
- PR CULVERT
- PR MODIFIED STREAM
- PR 12.5m WIDE CONVEYANCE CHANNEL
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- PR RAINGARDEN
- PR BERM/LANDSCAPE
- PR MAINTENANCE TRACKS
- PR RAIN CREST/HIGH PT
- PR RAIN CREST/LOW PT
- PR LOT SHEET FLOW
- PR MINOR OLPF
- PR RD OFF/PR DIRECTION
- PR RD CREST/HIGH PT
- PR RD SAG/LOW PT
- PR WASTEWATER
- EX/PR SWHM
- PR LOT CONNECTION

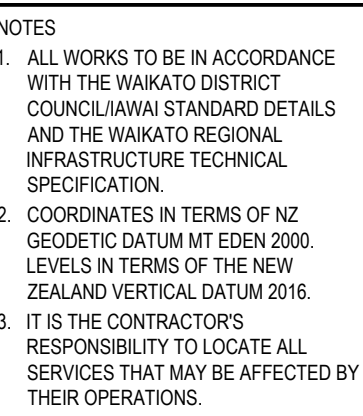
A	RESOURCE CONSENT	SP	08/2026	
Ref	Revisions	By	Date	
	By	Date		
Survey	MAVEN	10/2025		
Design	KY	08/2026		
Drawn	SP	08/2026		
Checked	RW	08/2026		



**PROPOSED INDUSTRIAL
DEVELOPMENT AT
TE KOWHAI EAST
FOR TE KOWHAI EAST
LIMITED PARTNERSHIP**

Title
**PROPOSED
STORMWATER DRAINAGE
PLAN - CATCHMENT 1**

Project no.	180010		
Scale	1:750 @ A1		
Cad file	180010-C400 SW NETWORK.DWG		
Drawing no.	C401-2	Rev	A



A	RESOURCE CONSENT		SP	08/2026
Ref	Revisions		By	Date
	By	Date		
Survey	MAVEN		10/2025	
Design	KY		08/2026	
Drawn	SP		08/2026	
Checked	RW		08/2026	



Project no.	180010		
Scale	1:750 @ A1		
Cad file	180010-C400 SW NETWORK.DWG		
Drawing no.	C401-3	Rev	A

CULVERT 1.1 US
VERT 1.1 DS
IL=26.00 (RG1B-OUT-DS)

1B.7.3
1200Ø
LL=28.30
IL=26.90 (1B.7.4 IN)
IL=26.85 (1B.7.2 OUT)

1B.7.4
1200Ø
LL=28.58
IL=27.24 (1B.7.5 IN)
IL=27.19 (1B.7.3 OUT)

1B.7.5
1200Ø
LL=28.77
IL=27.62 (1B.7.6 IN)
IL=27.40 (1B.7.4 OUT)

1B.7.6
1200Ø
LL=29.05
IL=27.74 (1B.7.7 IN)
IL=27.84 (1B.7.5 OUT)

1B.7.8
1050Ø
LL=29.98
IL=28.64 (1B.7.9 IN)
IL=28.49 (1B.7.7 OUT)

CULVERT 0.1 DS
IL=27.51 (CULVERT 0.1 US)

1B.7.9
1050Ø
LL=30.39
IL=29.38 (1B.7.10 IN)
IL=29.33 (1B.7.8 OUT)

1B.7.11
1050Ø
LL=30.89
IL=29.83 (1B.7.10 OUT)

CULVERT 1.4 DS
IL=26.59 (CULVERT 1.4 US)
IL=26.59 (1B.6.1)

1B.6.1
1200Ø
LL=28.71
IL=26.84 (1B.6.2 IN)
IL=26.76 (CULVERT 1.4 DS OUT)

1B.6.2
1050Ø
LL=28.87
IL=27.28 (1B.6.3 IN)
IL=27.23 (1B.6.1 OUT)

1B.6.3
1050Ø
LL=29.17
IL=27.92 (1B.6.2 OUT)

1B.7.7
1050Ø
LL=29.38
IL=28.05 (1B.7.8 IN)
IL=27.97 (1B.7.6 OUT)

CULVERT 0.1 US
IL=27.77 (CULVERT 0.1 DS)

1B.7.10
1050Ø
LL=30.83
IL=29.70 (1B.7.11 IN)
IL=29.70 (1B.7.10.1 IN)
IL=29.62 (1B.7.9 OUT)

1B.7.10.1
1050Ø
LL=30.96
IL=29.95 (1B.7.10 OUT)

82

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH THE WAIKATO DISTRICT COUNCIL/AIAI STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
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 - EX/PR SWMH
 - PR LOT CONNECTION

Ref	Revisions	By	Date
A	RESOURCE CONSENT	SP	08/2026

Survey	MAVEN	10/2025
Design	KY	08/2026
Drawn	SP	08/2026
Checked	RW	08/2026

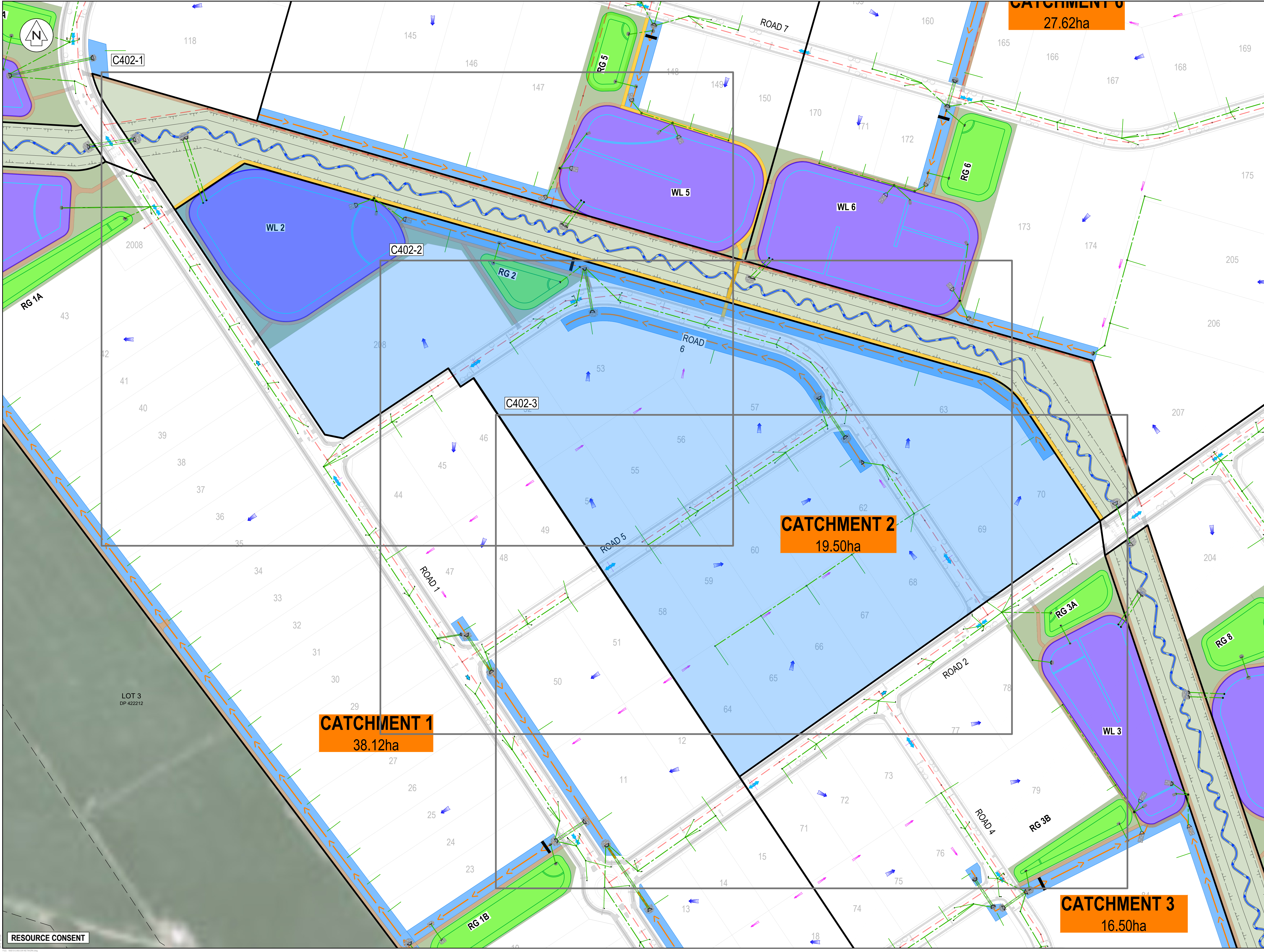
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Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED STORMWATER DRAINAGE PLAN - CATCHMENT 1

Project no.	180010
Scale	1:750 @ A1
Cad file	180010-CATCH 01A NETWORK.DWG
Drawing no.	C401-4
Rev	A

RESOURCE CONSENT



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH THE WAIKATO DISTRICT COUNCIL/IAWAHAI STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
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- PR RD OULFP DIRECTION
- PR RD CREST/HIGH PT
- PR RD SAG/LOW PT
- PR WASTEWATER
- EX/PR SWMH
- PR LOT CONNECTION

Ref	Revisions	By	Date
A	RESOURCE CONSENT	SP	08/2026

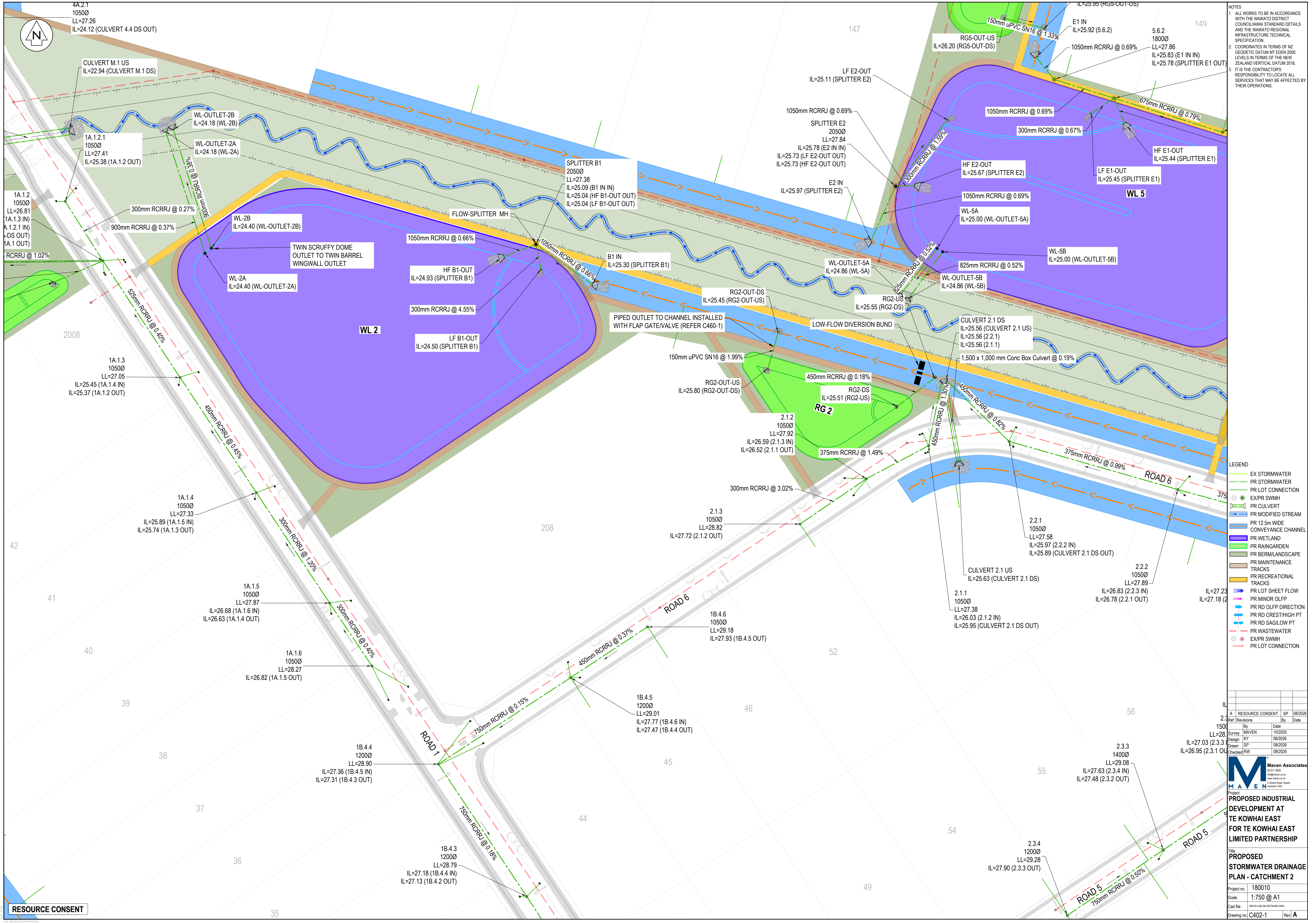
Ref	Revisions	By	Date
Survey	MAVEN	10/2025	
Design	KY	08/2026	
Drawn	SP	08/2026	
Checked	RW	08/2026	

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Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED STORMWATER DRAINAGE OVERVIEW CATCHMENT 2

Project no. 180010
Scale 1:1500 @ A1
Cad file 180010-CAD 3IN NETWORK.DWG
Drawing no. C402-0 Rev A



NOTES

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IL	Ref	Revisions	SP	By	Date
1500	A	Resource Consent	SP		08/2026
1500	2.3.3	Survey	MAVEN		10/2025
1500	2.3.3	Design	KY		08/2026
1500	2.3.3	Drawn	SP		08/2026
1500	2.3.3	Checked	RW		08/2026

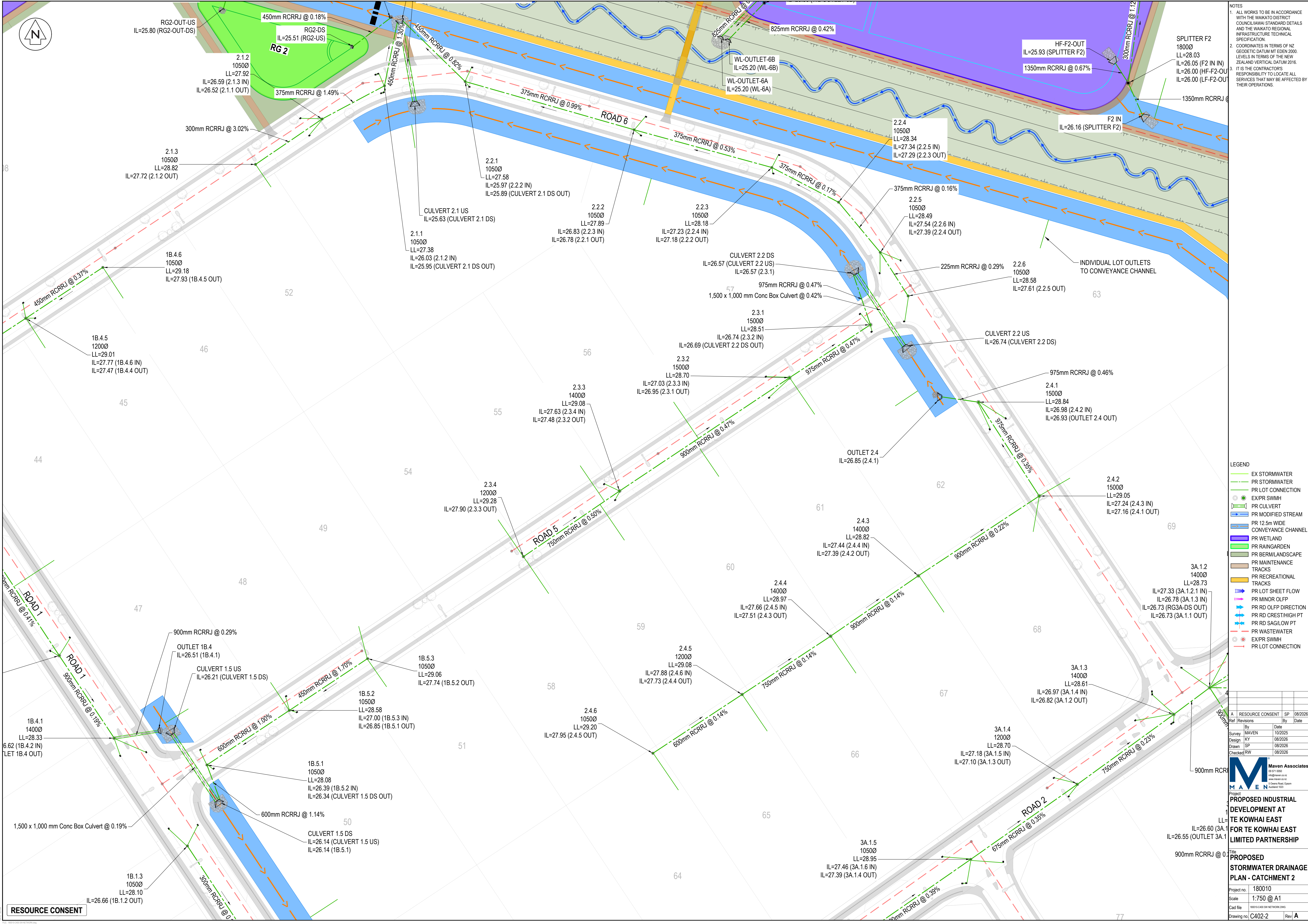
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Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

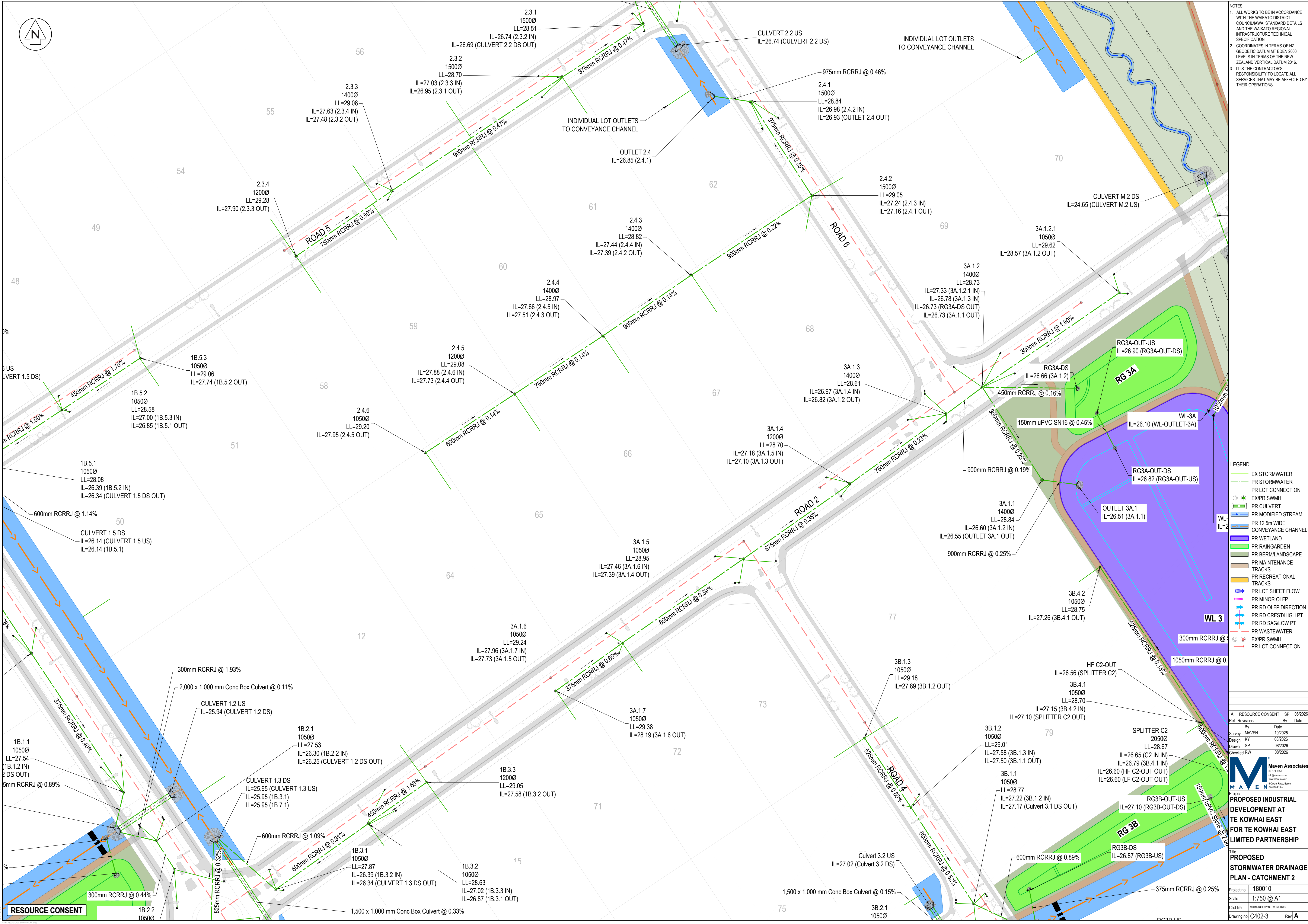
Title
PROPOSED STORMWATER DRAINAGE PLAN - CATCHMENT 2

Project no. 180010
Scale 1:750 @ A1
Cad file 180010-CAD-01A-NETWORK.DWG
Drawing no. C402-1 Rev A



Ref	Revisions	By	Date	SP	08/2026
A	RESOURCE CONSENT				
Survey	MAVEN		10/2025		
Design	KY		08/2026		
Drawn	SP		08/2026		
Checked	RW		08/2026		

Project	PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP
Title	PROPOSED STORMWATER DRAINAGE PLAN - CATCHMENT 2
Project no.	180010
Scale	1:750 @ A1
Cad file	180010-CAD 04 NETWORK.DWG
Drawing no.	C402-2
Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH THE WAIKATO DISTRICT COUNCIL/IAWAH STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
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A	RESOURCE CONSENT				
Survey	MAVEN		10/2025		
Design	KY		08/2026		
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Proposed Industrial Development at Te Kowhai East for Te Kowhai East Limited Partnership

Proposed Stormwater Drainage Plan - Catchment 2

Title
Project no. 180010
Scale 1:750 @ A1
Cad file 180010-CAD 3RD NETWORK.DWG
Drawing no. C402-3 Rev A