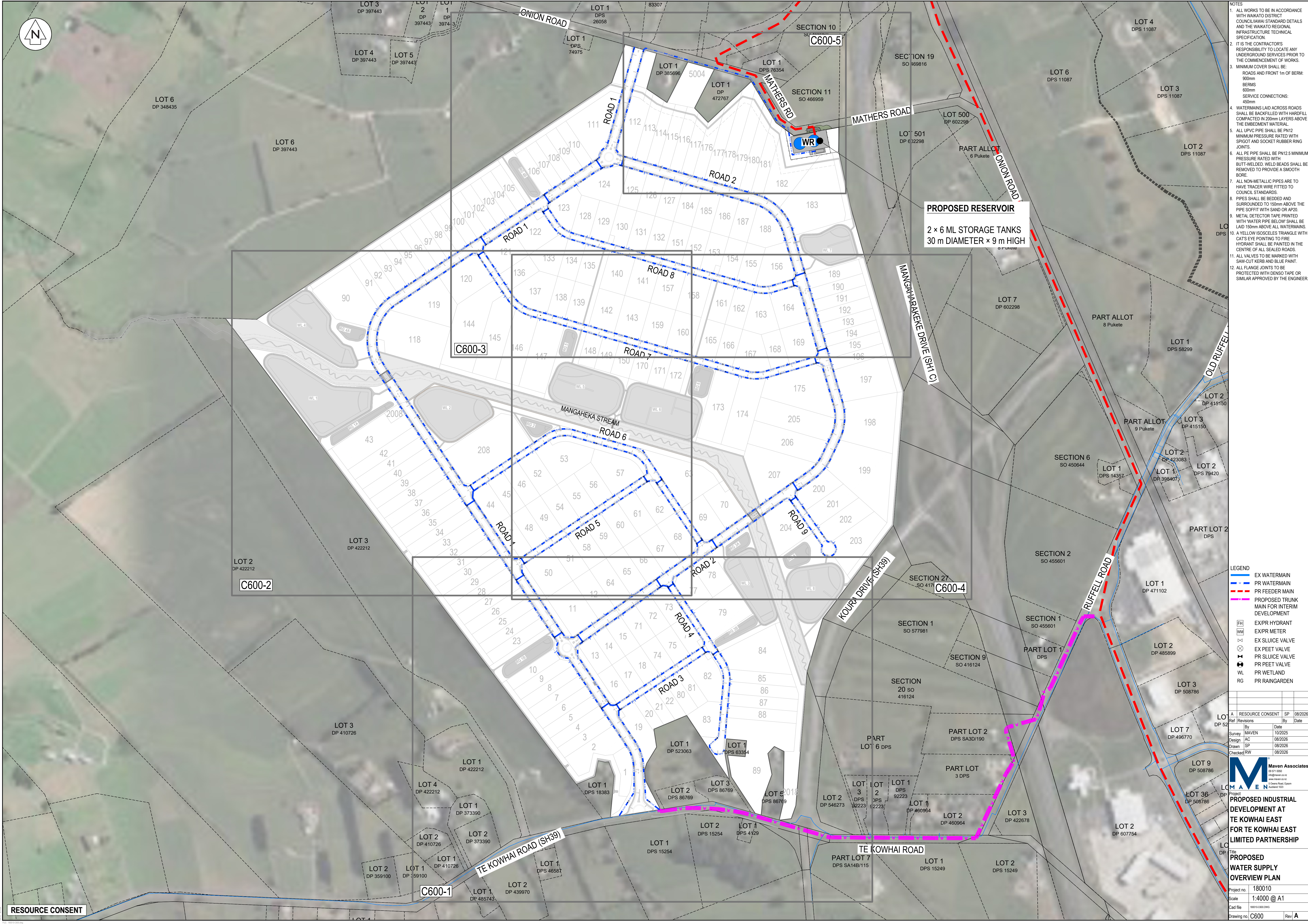




- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/JAWAI STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ANY UNDERGROUND SERVICES PRIOR TO THE COMMENCEMENT OF WORKS.
 3. MINIMUM COVER SHALL BE:
ROADS AND FRONT 1m OF BERM: 900mm
BERMS: 600mm
SERVICE CONNECTIONS: 450mm
 4. WATERMANS LAID ACROSS ROADS SHALL BE BACKFILLED WITH HARDFILL COMPACTED IN 200mm LAYERS ABOVE THE EMBEDMENT MATERIAL.
 5. ALL UPVC PIPE SHALL BE PN12 MINIMUM PRESSURE RATED WITH SPIGOT AND SOCKET RUBBER RING JOINTS.
 6. ALL PE PIPE SHALL BE PN12.5 MINIMUM PRESSURE RATED WITH BUTT-WELDED. WELD BEADS SHALL BE REMOVED TO PROVIDE A SMOOTH BORE.
 7. ALL NON-METALLIC PIPES ARE TO HAVE TRACER WIRE FITTED TO COUNCIL STANDARDS.
 8. PIPES SHALL BE BEDDED AND SURROUNDED TO 150mm ABOVE THE PIPE SLOTT WITH SAND OR AP20.
 9. METAL DETECTOR TAPE PRINTED WITH WATER PIPE BELOW SHALL BE LAID 150mm ABOVE ALL WATERMANS.
 10. A YELLOW ISOCELES TRIANGLE WITH CAT'S EYE POINTING TO FIRE HYDRANT SHALL BE PAINTED IN THE CENTRE OF ALL SEALED ROADS.
 11. ALL VALVES TO BE MARKED WITH SAW-CUT KERB AND BLUE PAINT.
 12. ALL FLANGE JOINTS TO BE PROTECTED WITH DENSOL TAPE OR SIMILAR APPROVED BY THE ENGINEER.

- LEGEND
- EX WATERMAIN
 - PR WATERMAIN
 - PR FEEDER MAIN
 - PROPOSED TRUNK MAIN FOR INTERIM DEVELOPMENT
 - EX/PR HYDRANT
 - EX/PR METER
 - EX SLUICE VALVE
 - EX PEET VALVE
 - PR SLUICE VALVE
 - PR PEET VALVE
 - PR WETLAND
 - PR RAINGARDEN

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

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

PROPOSED WATER SUPPLY OVERVIEW PLAN

Project no. 180010
Scale 1:4000 @ A1
Cad file 180010-C600.DWG
Drawing no. C600 Rev A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/JAWAI STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
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 - PR FEEDER MAIN
 - PROPOSED TRUNK MAIN FOR INTERIM DEVELOPMENT
 - EX/PR HYDRANT
 - EX/PR METER
 - EX SLUICE VALVE
 - EX PEET VALVE
 - PR SLUICE VALVE
 - PR PEET VALVE
 - WL PR WETLAND
 - RG PR RAINGARDEN

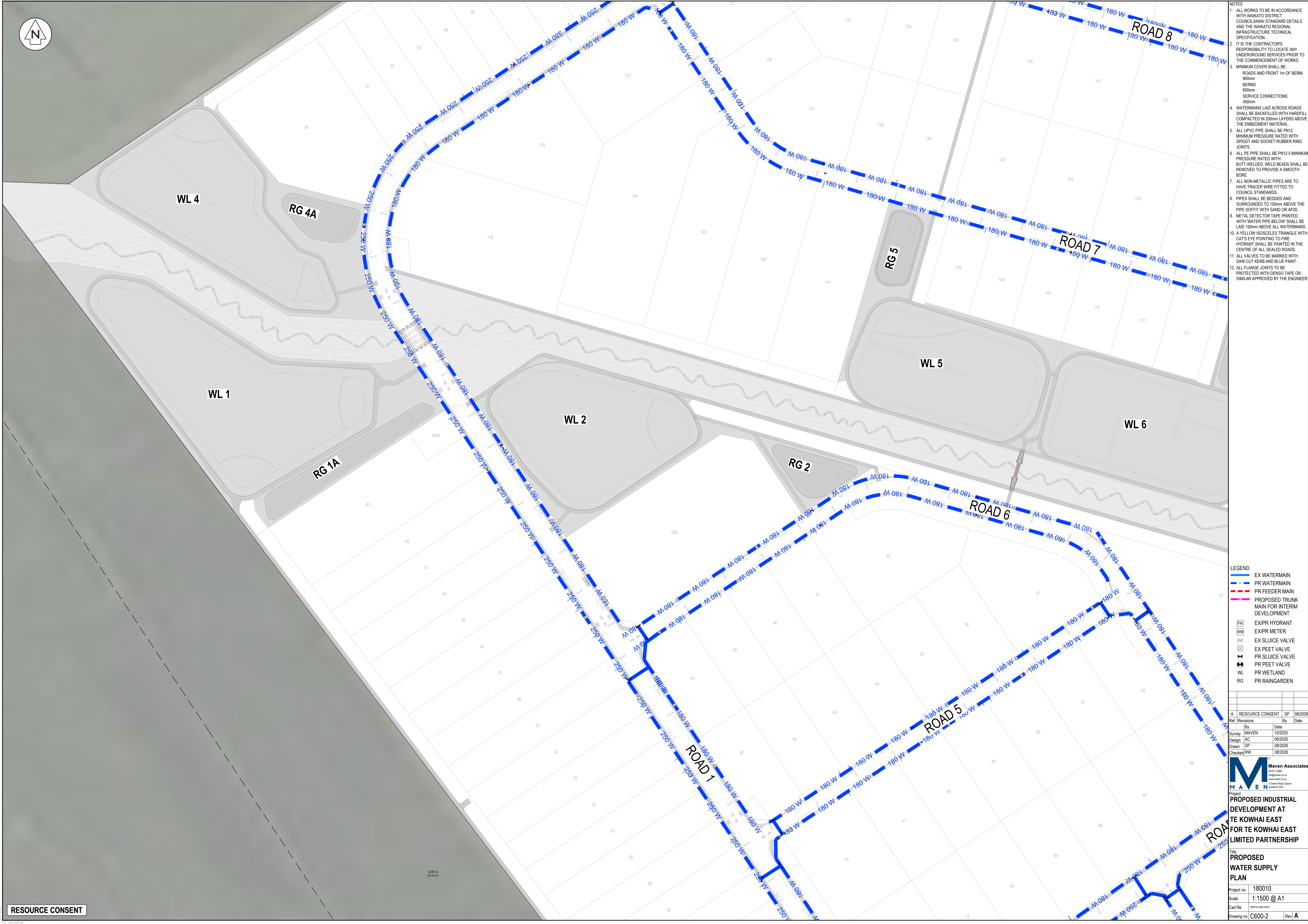
A RESOURCE CONSENT			
Ref	Revisions	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	AC	08/2026	
Drawn	SP	08/2026	
Checked	RW	08/2026	

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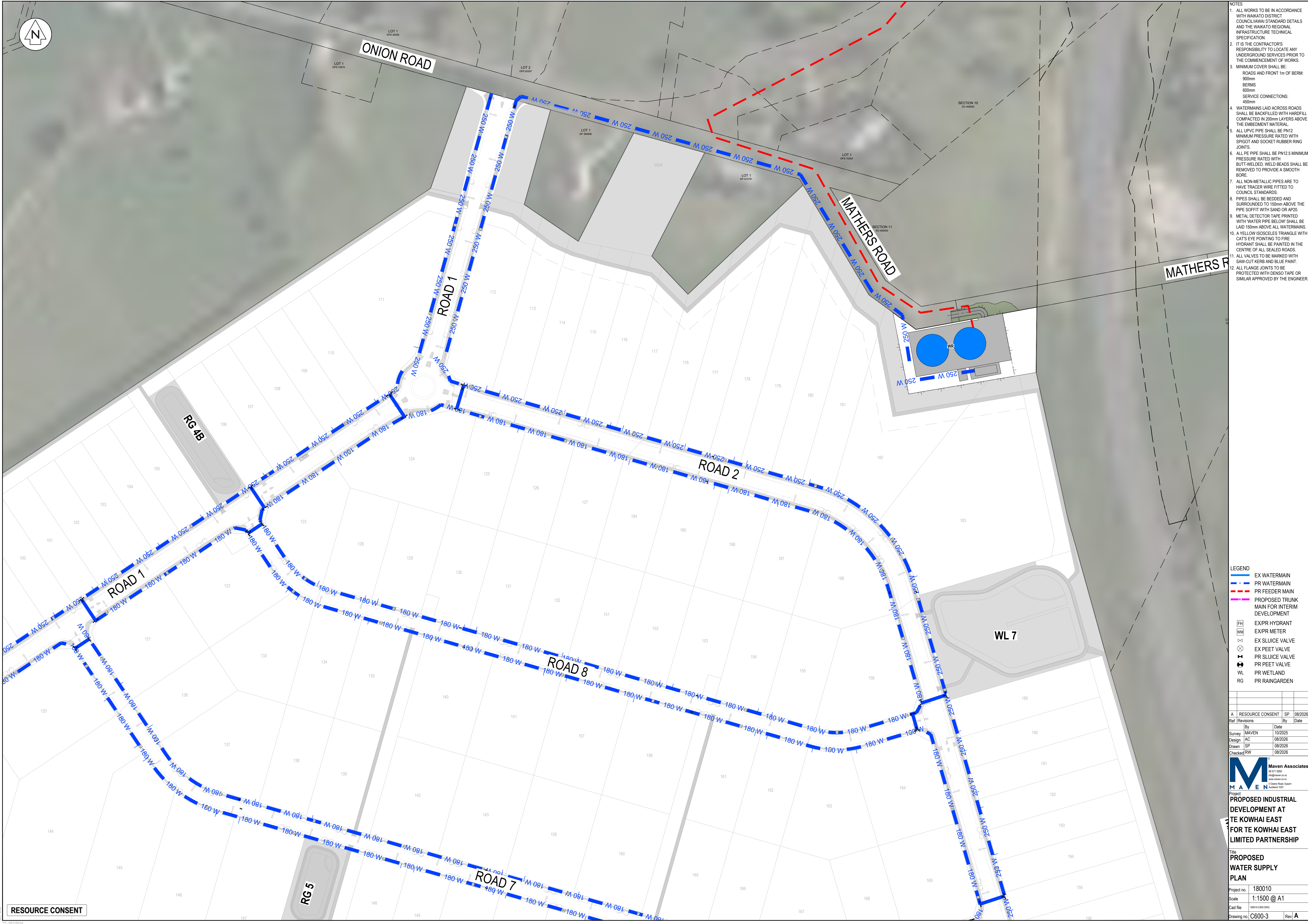
Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED WATER SUPPLY PLAN

Project no.	180010
Scale	1:1500 @ A1
Cad file	180010-C800.DWG
Drawing no.	C800-1
Rev	A



- | | |
|---|---|
| LEGEND | |
|  | EX WATERMAIN |
|  | PR WATERMAIN |
|  | PR FEEDER MAIN |
|  | PROPOSED TRUNK
MAIN FOR INTERIM
DEVELOPMENT |
|  | EX/PR HYDRANT |
|  | EX/PR METER |
|  | EX SLUICE VALVE |
|  | EX PEET VALVE |
|  | PR SLUICE VALVE |
|  | PR PEET VALVE |
| WL | PR WETLAND |
| RG | PR RAINGARDEN |



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- LEGEND
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 - PR WATERMAIN
 - PR FEEDER MAIN
 - PROPOSED TRUNK MAIN FOR INTERIM DEVELOPMENT
 - EX/PR HYDRANT
 - EX/PR METER
 - EX SLUICE VALVE
 - EX PEET VALVE
 - PR SLUICE VALVE
 - PR PEET VALVE
 - PR WETLAND
 - PR RAINGARDEN

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

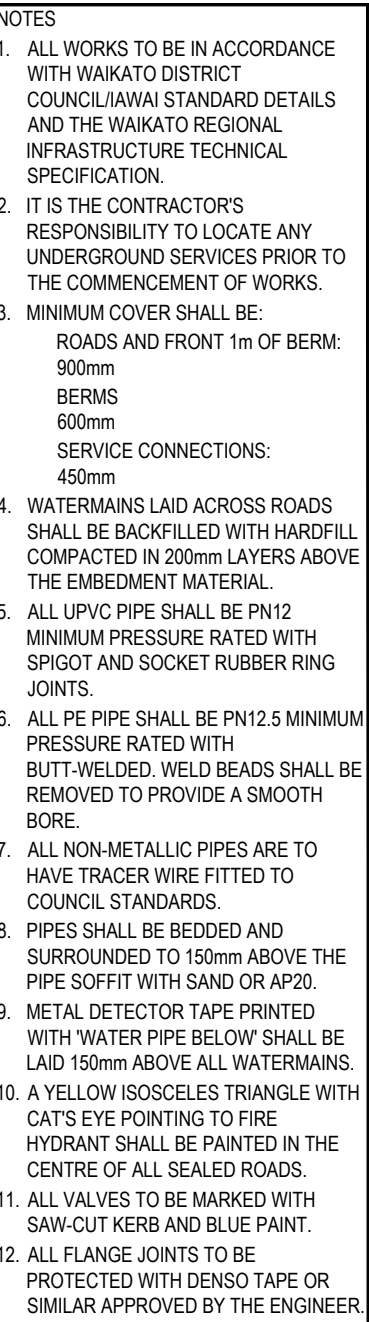
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Auckland 1020

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

Title
PROPOSED WATER SUPPLY PLAN

Project no.	180010
Scale	1:1500 @ A1
Cad file	180010-C600-0.DWG
Drawing no.	C600-3
Rev	A

RESOURCE CONSENT



LEGEND

	EX WATERMAIN
	PR WATERMAIN
	PR FEEDER MAIN
	PROPOSED TRUNK MAIN FOR INTERIM DEVELOPMENT
	EX/PR HYDRANT
	EX/PR METER
	EX SLUICE VALVE
	EX PEET VALVE
	PR SLUICE VALVE
	PR PEET VALVE
WL	PR WETLAND
RG	PR RAINGARDEN

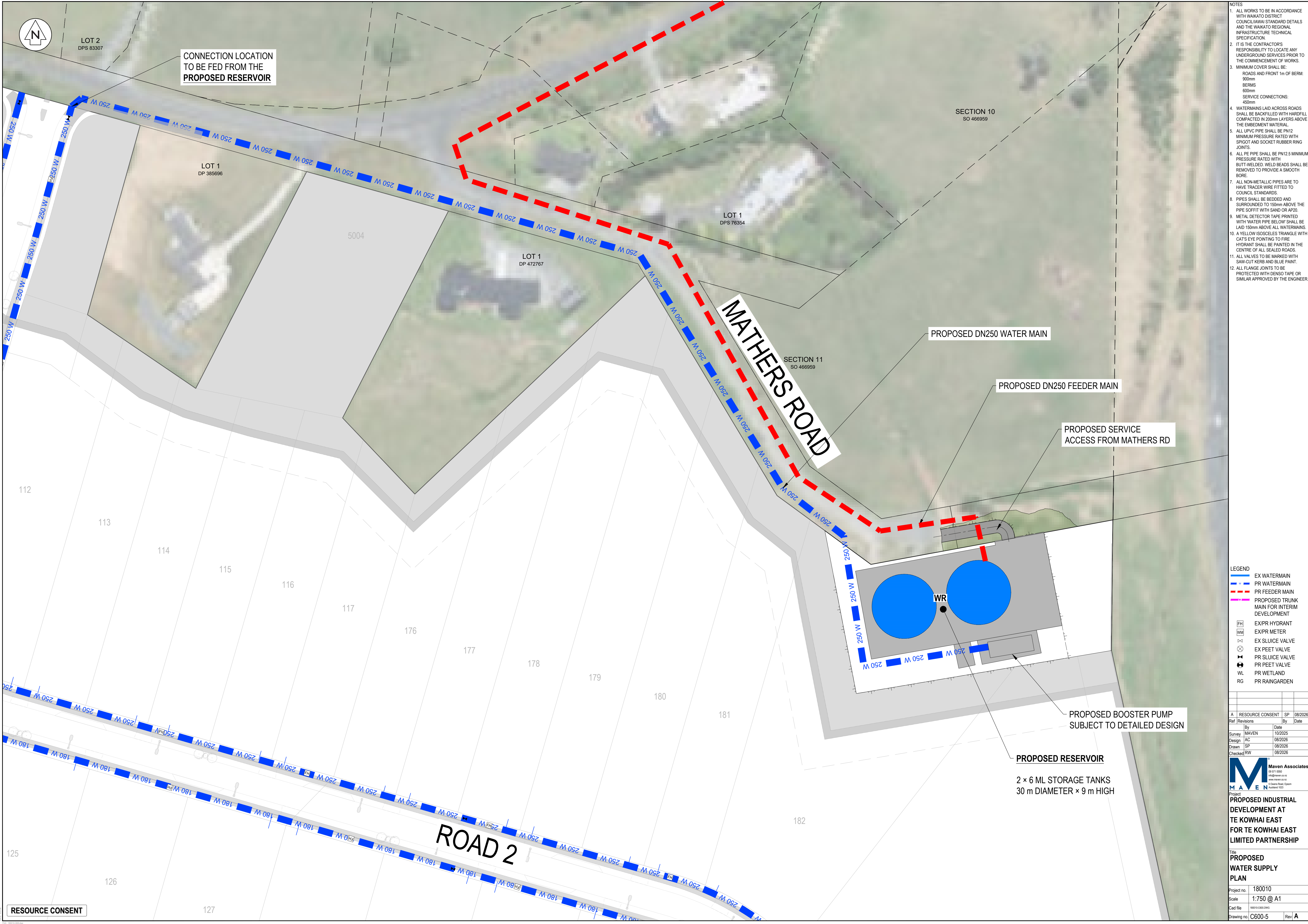
A	RESOURCE CONSENT	SP	08/2026
Ref	Revisions	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	AC	08/2026	
Drawn	SP	08/2026	
Checked	RW	08/2026	



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

Title
**PROPOSED
WATER SUPPLY
PLAN**

Project no.	180010		
Scale	1:1500 @ A1		
Cad file	180010-C600.DWG		
Drawing no.	C600-4	Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/JAIWAI STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
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- LEGEND
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 - PR WATERMAIN
 - PR FEEDER MAIN
 - PROPOSED TRUNK MAIN FOR INTERIM DEVELOPMENT
 - EX/PR HYDRANT
 - EX/PR METER
 - EX SLUICE VALVE
 - EX PEET VALVE
 - PR SLUICE VALVE
 - PR PEET VALVE
 - PR WETLAND
 - PR RAINGARDEN

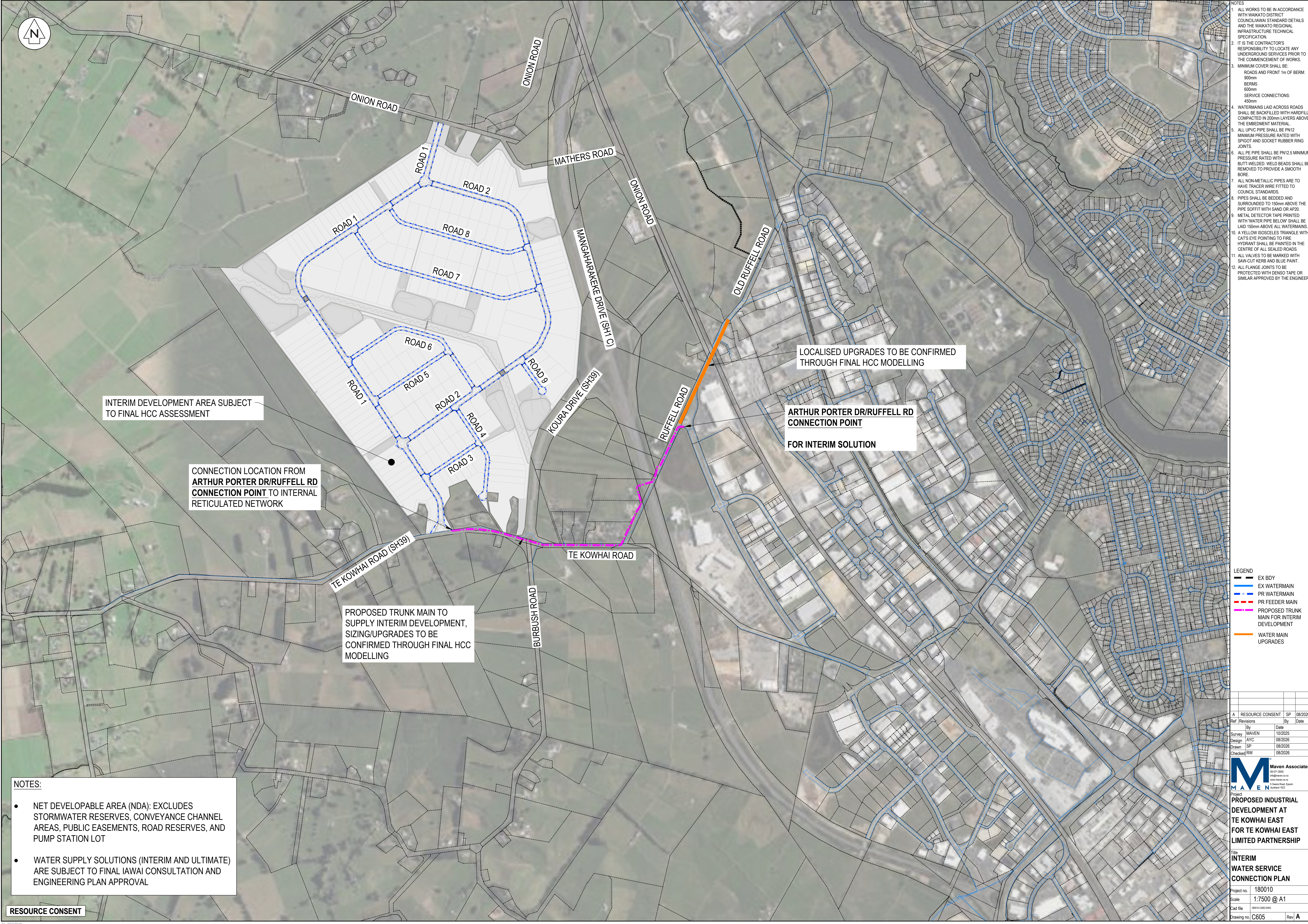
A RESOURCE CONSENT		SP	08/2026
Ref	Revisions	By	Date
Survey	MAVEN		10/2025
Design	AC		08/2026
Drawn	SP		08/2026
Checked	RW		08/2026

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

Title
PROPOSED WATER SUPPLY PLAN

Project no. 180010
Scale 1:750 @ A1
Cad file 180010-C000.DWG
Drawing no. C600-5 Rev A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/IWAI STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
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- LEGEND
- EX BDY
 - EX WATERMAIN
 - PR WATERMAIN
 - PR FEEDER MAIN
 - PROPOSED TRUNK MAIN FOR INTERIM DEVELOPMENT
 - WATER MAIN UPGRADES

A	RESOURCE CONSENT	SP	08/2026
Ref	Revisions	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	ATC	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
INTERIM WATER SERVICE CONNECTION PLAN

Project no. 180010
Scale 1:7500 @ A1
Cad file 180010-C060.DWG
Drawing no. C605 Rev A

- NOTES:
- NET DEVELOPABLE AREA (NDA): EXCLUDES STORMWATER RESERVES, CONVEYANCE CHANNEL AREAS, PUBLIC EASEMENTS, ROAD RESERVES, AND PUMP STATION LOT
 - WATER SUPPLY SOLUTIONS (INTERIM AND ULTIMATE) ARE SUBJECT TO FINAL IWAI CONSULTATION AND ENGINEERING PLAN APPROVAL

RESOURCE CONSENT



PROPOSED DN250 WATER MAIN

CONNECTION LOCATION TO SITE
TO BE FED FROM THE PROPOSED RESERVOIR

PROPOSED DN250 FEEDER MAIN
TO SUPPLY PROPOSED RESERVOIR

PROPOSED RESERVOIR

TO BE FED FROM DN250 BULK MAIN
2 x 6 ML STORAGE TANKS
30 m DIAMETER x 9 m HIGH

ROAD 1
ROAD 2
ROAD 8
ROAD 7

ROAD 6
ROAD 5
ROAD 1
ROAD 4
ROAD 3
ROAD 2
ROAD 9

TE PAPA RD

MATHERS RD

ONION RD

ARTHUR PORTER DR

CHALMERS RD

ARTHUR PORTER DR

TE WETIM DR

ARTHUR PORTER DR/WAIRERE DR
CONNECTION POINT

FEEDER LINE CONNECTION TO
588mm DIAMETER BULK MAIN

NOTES:

- NET DEVELOPABLE AREA (NDA): EXCLUDES STORMWATER RESERVES, CONVEYANCE CHANNEL AREAS, PUBLIC EASEMENTS, ROAD RESERVES, AND PUMP STATION LOT
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RESOURCE CONSENT

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- LEGEND
- EX BDY
 - EX WATERMAIN
 - PR WATERMAIN
 - PR FEEDER MAIN

Ref	Revisions	By	Date
A	RESOURCE CONSENT	SP	08/2026

Survey: MAVEN 10/2025

Design: ATC 08/2026

Drawn: SP 08/2026

Checked: RW 08/2026

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www.maven.co.nz
3 Chalmers Road, Epsom
Auckland 1051

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

Title:
**ULTIMATE
WATER SERVICE
CONNECTION PLAN**

Project no: 180010

Scale: 1:10000 @ A1

Cad file: 180010-C060.DWG

Drawing no: C606 Rev: A