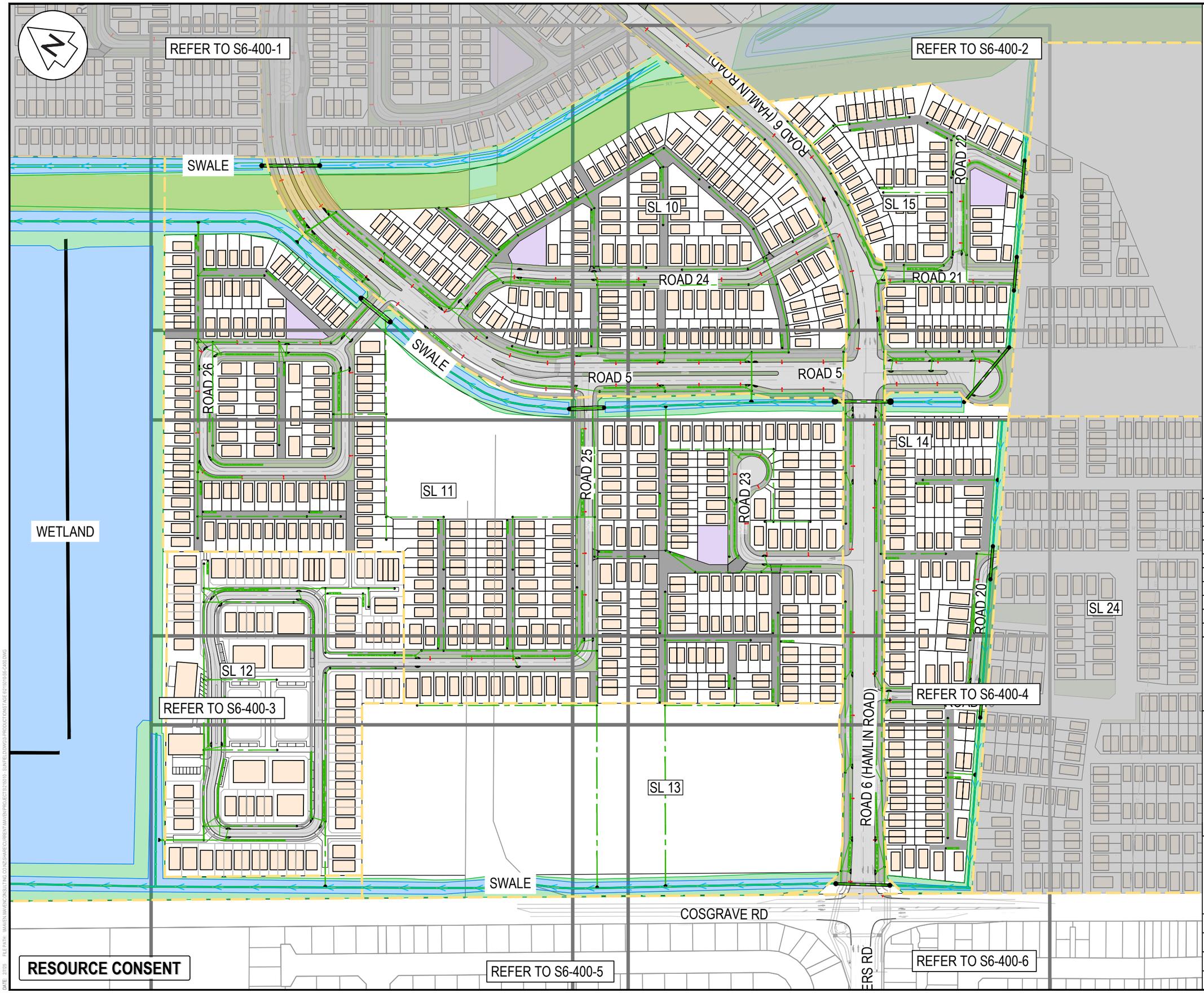


NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
4. PIPE BEDDING: 0 - 10% GRANULAR BEDDING,10 - 20% WEAK CONCRETE BEDDING.GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6m CRS).
5. EACH CONNECTION SHALL BE MARKED BY A 50mmX50mm TREATED PINE STAKE EXTENDING 600mm ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150mm BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
8. ALL MANHOLES ARE TO BE 1050mmØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
9. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0m.
10. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

LEGEND

- EX BDY
- PR SUPERLOT BDY
- PR BDY
- EX STORMWATER
- PR STORMWATER
- EX/PR SWMH
- PR SWCP SINGLE
- PR SWCP RECESSED
- PR SW RECHARGE PIT
- PR SW SWALE
- EX FIRST GAS EASEMENT
- SUPER LOT BDY

Rev	Description	By	Date
A	RESOURCE CONSENT	TL	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	OQ	02/2025
Drawn	VB	02/2025
Checked	JP/LC	02/2025

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5 Owens Road, Epsom
Auckland 1023

Project

SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOT 10 & 11 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED STORMWATER PLAN OVERVIEW

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-S6-C400.DWG		
Drawing no.	S6-C400	Rev	A

DATE: 27/05 FILE PATH: \MAVEN MARKS\JOBS\LIVING CONCEPTS\MAVEN PROJECT\215010 - SUNFIELD\CAD\3-PRODUCTION\TASK\ EC150105-C400.DWG

SL 9

SL 8

ROAD 5

ROAD 27

SWALE

2,000 x 900 mm Conc Box Culvert @ 0.60%

S6-OUTLET 3-1

S6-OUTLET 16-1

750mm RCRRJ @ 0.40%

675mm RCRRJ @ 0.40%

375mm RCRRJ @ 0.40%

525mm RCRRJ @ 0.40%

600mm RCRRJ @ 0.40%

450mm RCRRJ @ 0.40%

300mm RCRRJ @ 0.40%

225mm RCRRJ @ 0.40%

375mm RCRRJ @ 0.50%

3,000 x 1,500 mm Conc Box Culvert @ 0.19%

2,500 x 1,500 mm Conc Box Culvert @ 0.19%

ROAD 26

ROAD 5

BUS STOP

RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
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LEGEND

- EX BDY
- PR SUPERLOT BDY
- PR BDY
- EX STORMWATER
- PR STORMWATER
- EX/PR SWMH
- PR SWCP SINGLE
- PR SWCP RECESSED
- PR SW RECHARGE PIT
- PR SW SWALE
- EX FIRST GAS EASEMENT
- SUPER LOT BDY

Rev	Description	By	Date
A	RESOURCE CONSENT	TL	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	OQ	02/2025
Drawn	VB	02/2025
Checked	JP/LC	02/2025

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Project

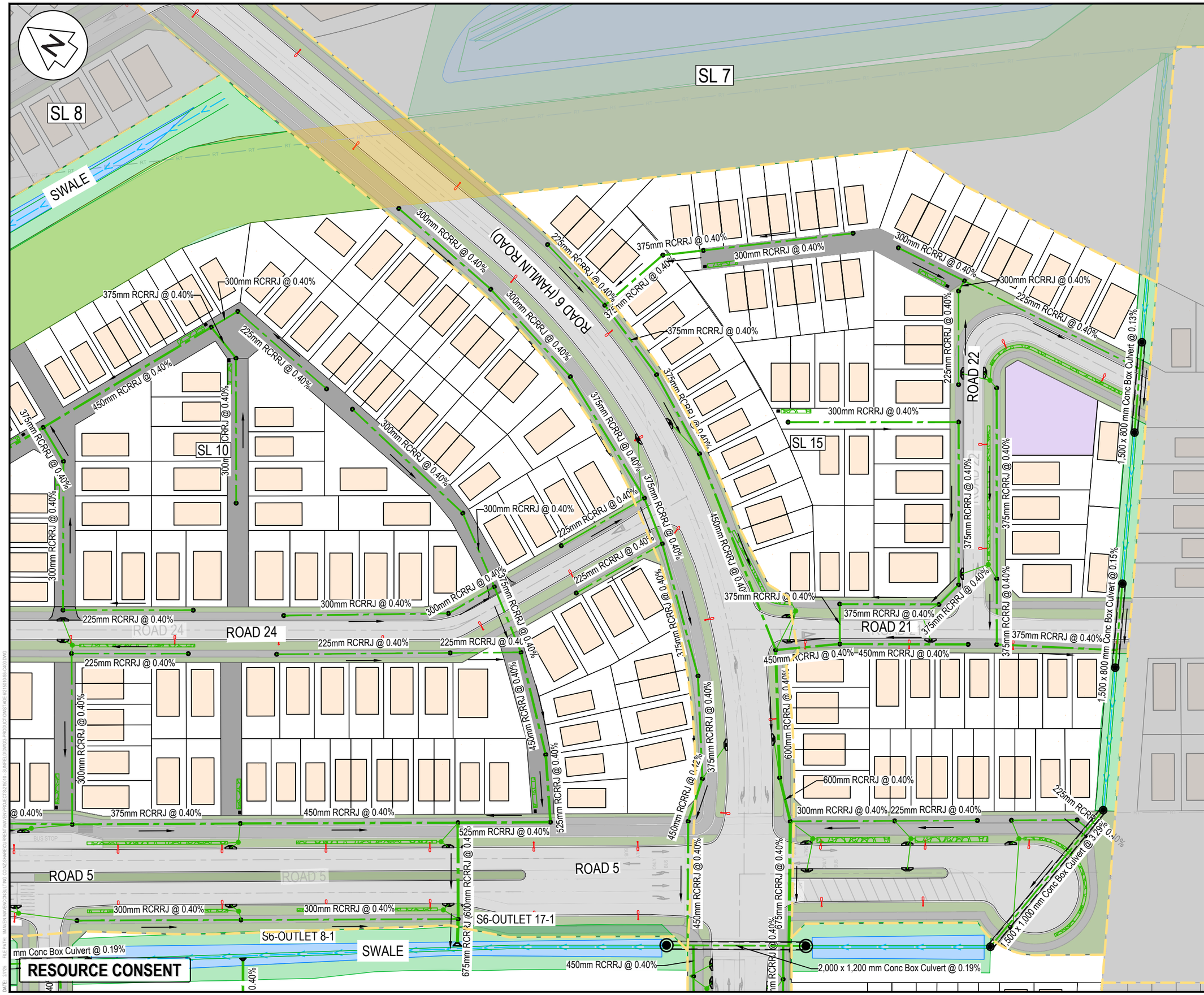
SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOT 10 & 11 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED STORMWATER PLAN: SHEET 1

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C400.DWG
Drawing no.	S6-C400-1 Rev A

DATE: 2/7/25 FILEPATH: MAVEN ASSOCIATES CONSULTING CO NZ\SHARED DRIVE\MAVEN PROJECTS\215010 - SUNFIELD\CAD\2 PRODUCTION\CAD FILES\215010-S6-C400.DWG



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
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11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

LEGEND

- EX BDY
- PR SUPERLOT BDY
- PR BDY
- EX STORMWATER
- PR STORMWATER
- EX/PR SWMH
- PR SWCP SINGLE
- PR SWCP RECESSED
- PR SW RECHARGE PIT
- PR SW SWALE
- EX FIRST GAS EASEMENT
- SUPER LOT BDY

Rev	Description	By	Date
A	RESOURCE CONSENT	TL	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	OQ	02/2025
Drawn	VB	02/2025
Checked	JP/LC	02/2025

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Project

SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOT 10 & 15 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED STORMWATER PLAN: SHEET 2

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C400.DWG
Drawing no.	S6-C400-2
Rev	A

DATE: 20/03 FILE PATH: I:\MAVEN\PROJECTS\215010 SUNFIELD\DWGS PRODUCTION\CAD\215010-S6-C400.DWG

N

ROAD 26

ROAD 5

ROAD 25

SWALE

SL 11

SL 12

2,500 x 1,500 mm Conc Box Culvert @ 0.19%

375mm RCRRJ @ 0.40%
525mm RCRRJ @ 0.40%
300mm RCRRJ @ 0.40%
225mm RCRRJ @ 0.40%
450mm RCRRJ @ 0.40%
225mm RCRRJ @ 1.00%
225mm RCRRJ @ 0.50%
375mm RCRRJ @ 0.45%
525mm RCRRJ @ 0.45%

RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
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11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

LEGEND

- EX BDY
- PR SUPERLOT BDY
- PR BDY
- EX STORMWATER
- PR STORMWATER
- EX/PR SWMH
- PR SWCP SINGLE
- PR SWCP RECESSED
- PR SW RECHARGE PIT
- PR SW SWALE
- EX FIRST GAS EASEMENT
- SUPER LOT BDY

Rev	Description	By	Date
A	RESOURCE CONSENT	TL	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	OQ	02/2025
Drawn	VB	02/2025
Checked	JP/LC	02/2025

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Project

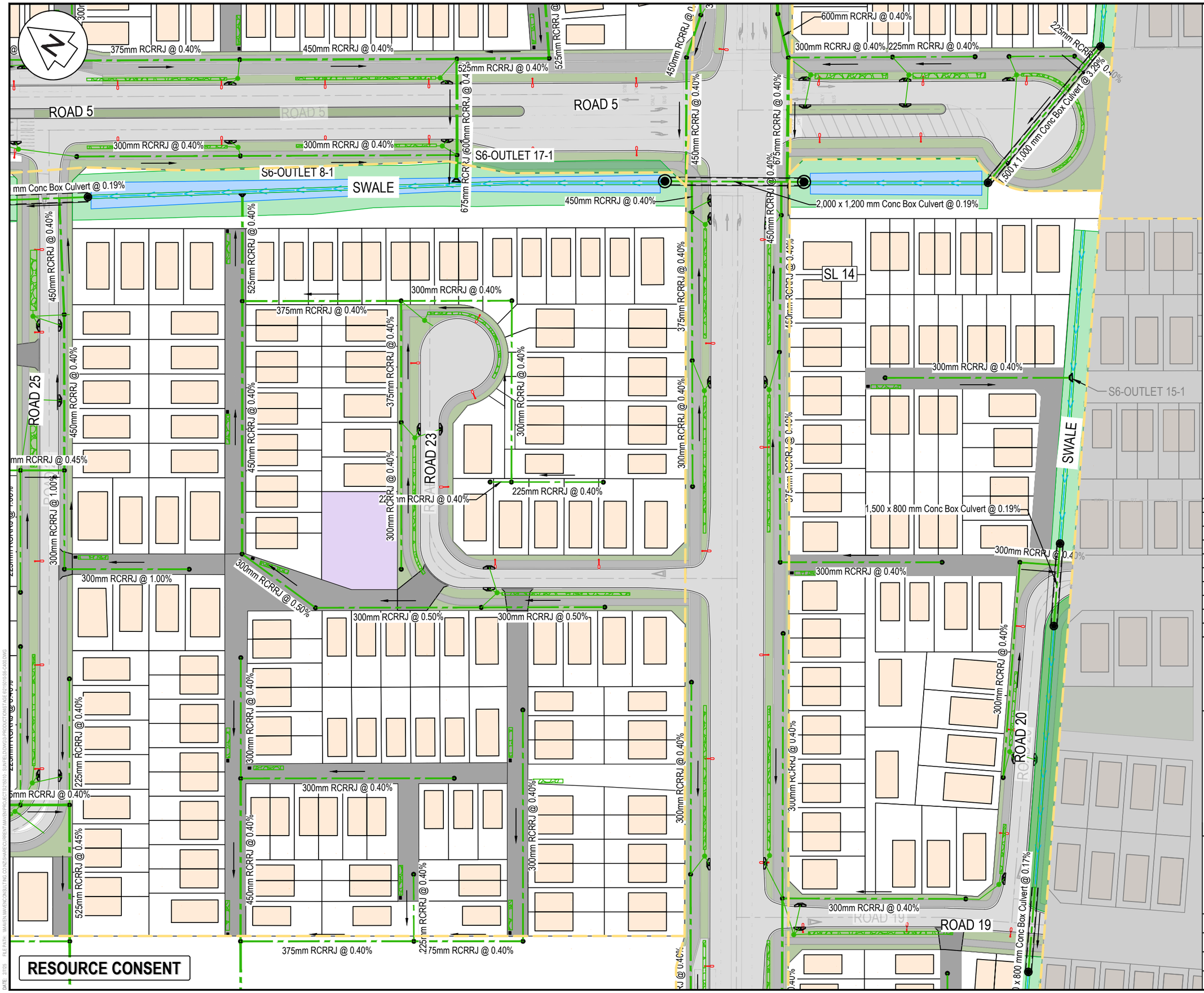
SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOT 11 & 12 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED STORMWATER PLAN: SHEET 3

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C400.DWG
Drawing no.	S6-C400-3 Rev A

DATE: 2/7/25 FILE PATH: I:\MAVEN MAPS\CIVIL\DWG\CO NOSHARE\CURRENT\MAVEN\PRO JECT\215010 - SUNFIELD\DWGS PRODUCTION\ISSUE\215010-S6-C400.DWG



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
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11. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

LEGEND

- EX BDY
- PR SUPERLOT BDY
- PR BDY
- EX STORMWATER
- PR STORMWATER
- EX/PR SWMH
- PR SWCP SINGLE
- PR SWCP RECESSED
- PR SW RECHARGE PIT
- PR SW SWALE
- EX FIRST GAS EASEMENT
- SUPER LOT BDY

Rev	Description	By	Date
A	RESOURCE CONSENT	TL	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	OQ	02/2025
Drawn	VB	02/2025
Checked	JP/LC	02/2025

Maven Associates
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Project

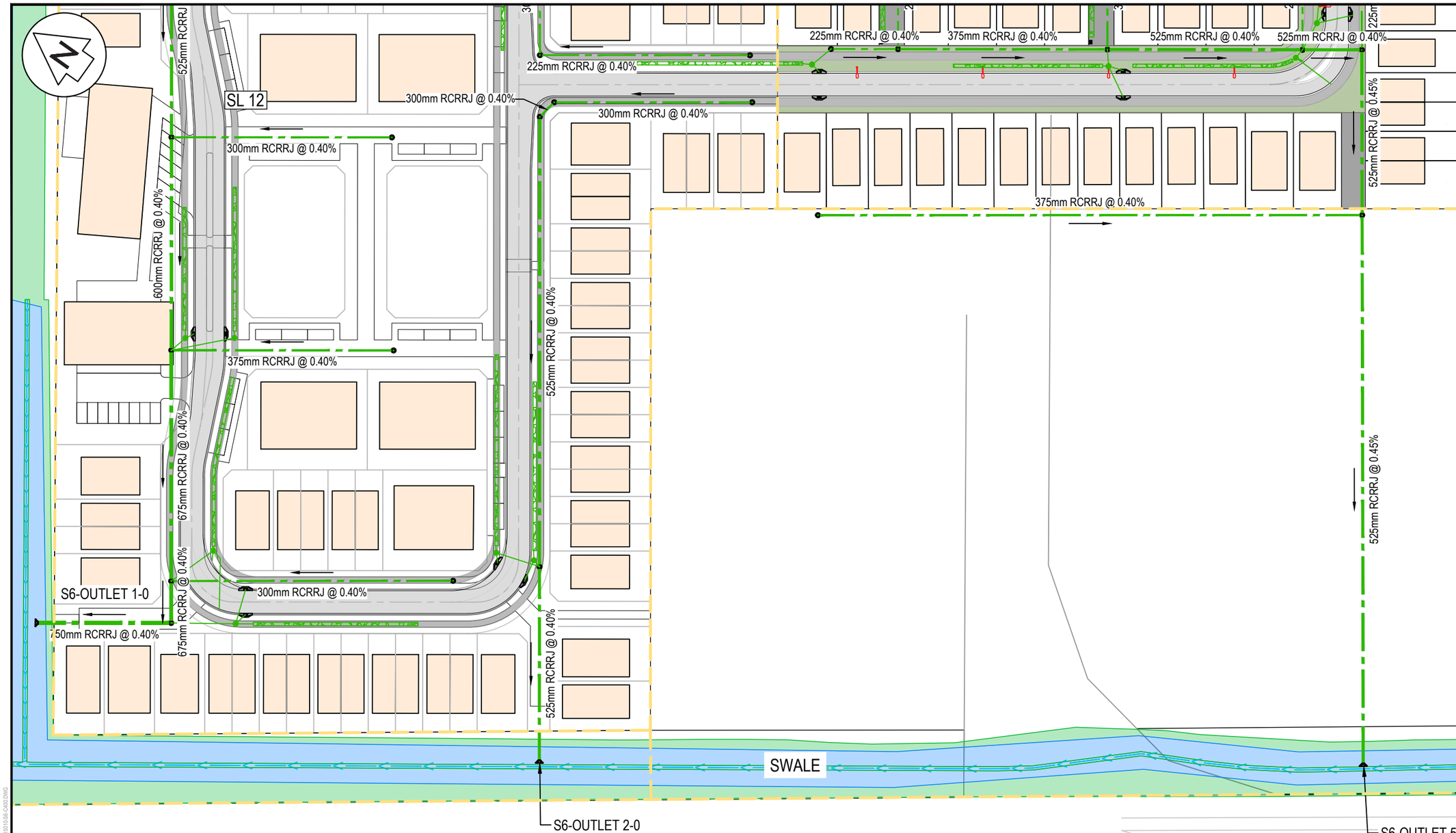
SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOT 11 & 14 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED STORMWATER PLAN: SHEET 4

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C400.DWG
Drawing no.	S6-C400-4 Rev A

DATE: 27/5 FILE PATH: MAVEN MAVEN CONSULTING CO NZ SHARE CLIENT MAVEN DEV PROJECTS 215010 SUNFIELD DWGS PRODUCTION SHEETS 215010-S6-C400.DWG



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
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LEGEND

- EX BDY
- PR SUPERLOT BDY
- PR BDY
- EX STORMWATER
- PR STORMWATER
- EX/PR SWMH
- PR SWCP SINGLE
- PR SWCP RECESSED
- PR SW RECHARGE PIT
- PR SW SWALE
- EX FIRST GAS EASEMENT
- SUPER LOT BDY

Rev	Description	By	Date
A	RESOURCE CONSENT	TL	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	OQ	02/2025
Drawn	VB	02/2025
Checked	JP/LC	02/2025

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Project

SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOT 12 & 13 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED STORMWATER PLAN: SHEET 5

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C400.DWG
Drawing no.	S6-C400-5 Rev A

RESOURCE CONSENT

DATE: 2/7/25 FILE PATH: I:\MAVEN ASSOCIATES CONSULTING CO NZ\SHARED DIRECTORY\MAVEN PROJECTS\215010 - SUNFIELD DEVELOPMENTS\ACTIVE\215010 SUNFIELD DWGS PRODUCTION\S6\215010-S6-C400.DWG

300mm RCRRJ @ 0.40%
450mm RCRRJ @ 0.40%
525mm RCRRJ @ 0.45%
375mm RCRRJ @ 0.40%
225mm RCRRJ @ 0.40%
300mm RCRRJ @ 0.40%
300mm RCRRJ @ 0.40%
ROAD 19
1,500 x 800 mm Conc Box Culvert @ 0.17%
450mm RCRRJ @ 0.40%
300mm RCRRJ @ 1.00%
300mm RCRRJ @ 0.40%
S6-OUTLET 13-1
SL 13
525mm RCRRJ @ 0.45%
525mm RCRRJ @ 0.40%
375mm RCRRJ @ 0.40%
ROAD 6 (HAMLIN ROAD)
525mm RCRRJ @ 0.40%
375mm RCRRJ @ 0.40%
S6-OUTLET 7-1
SWALE
S6-OUTLET 5-1
COSGRAVE RD
1,500 x 1,200 mm Conc Box Culvert @ 0.13%
WALTERS RD
RESOURCE CONSENT

NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
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LEGEND
- EX BDY
- PR SUPERLOT BDY
- PR BDY
- EX STORMWATER
- PR STORMWATER
- EX/PR SWMH
- PR SWCP SINGLE
- PR SWCP RECESSED
- PR SW RECHARGE PIT
- PR SW SWALE
- EX FIRST GAS EASEMENT
- SUPER LOT BDY

Rev	Description	By	Date
A	RESOURCE CONSENT	TL	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	OQ	02/2025
Drawn	VB	02/2025
Checked	JP/LC	02/2025

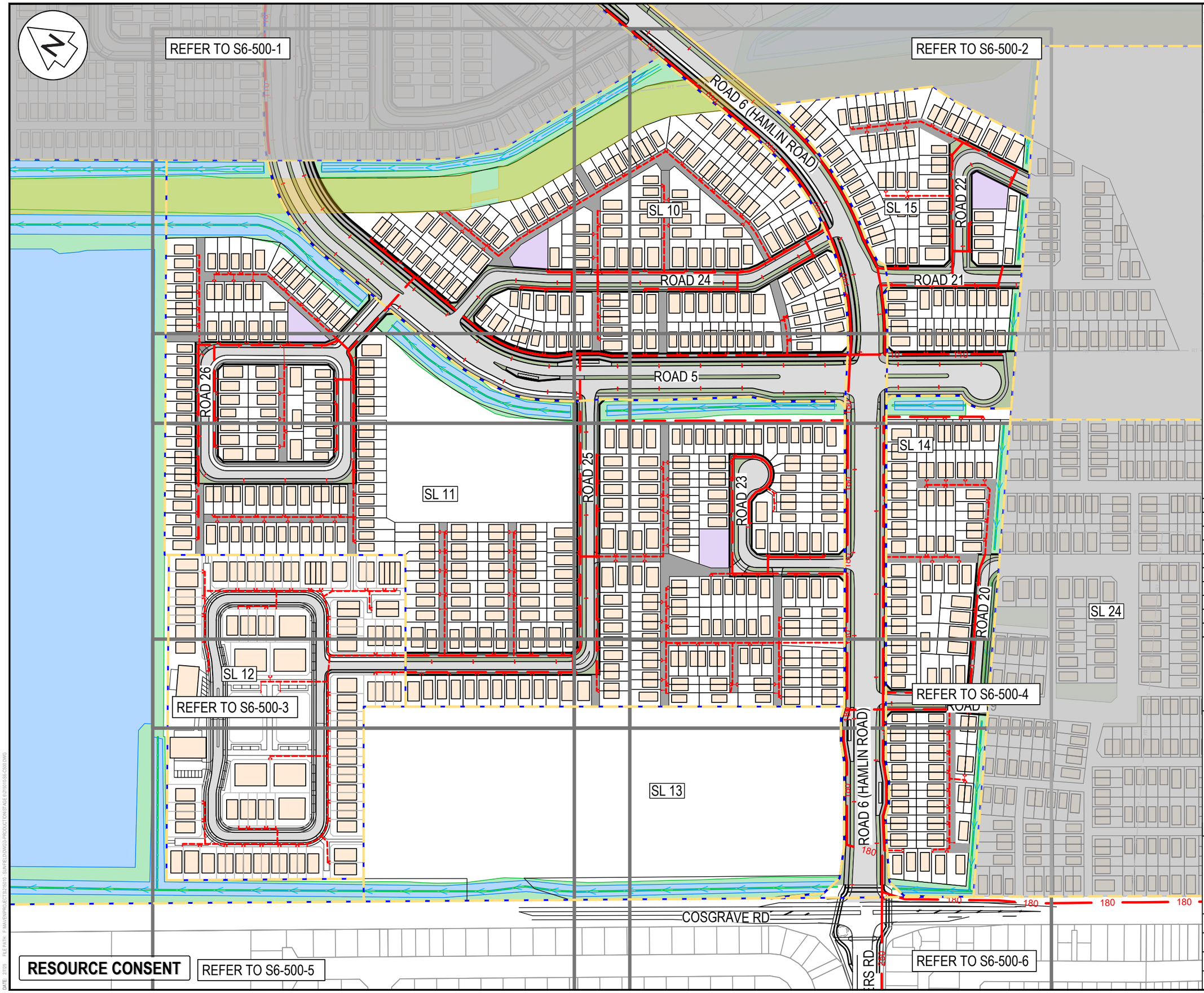
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Auckland 1023

Project
SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOT 13 & 14 FOR SUNFIELD DEVELOPMENTS LIMITED

Title
PROPOSED STORMWATER PLAN: SHEET 6

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S6-C400.DWG		
Drawing no.	S6-C400-6	Rev	A

DATE: 2/05 FILE PATH: I:\MAVEN MAPS\CIVIL\LTNG CO NOS\SHEC\URBITAN ENPRO JECTS\215010 - SUNFIELD\DWGS-PRODUCTION\STAGE E\215010-S6-C400.DWG



WASTEWATER NOTES

1. ALL WORKS AND MATERIALS TO COMPLY WITH WATERCARE SERVICES LIMITED CODE OF PRACTICE.
2. ALL PRIVATE DRAINAGE WORKS TO COMPLY WITH THE NEW ZEALAND BUILDING CODE.
3. ALL DRAINAGE WORKS SHALL BE CARRIED OUT UNDER THE SUPERVISION OF A REGISTERED DRAIN LAYER AND IN ACCORDANCE WITH CURRENT HEALTH AND SAFETY PRACTICES. WHERE REQUIRED, DRAINAGE WORKS ARE TO BE UNDERTAKEN BY AN APPROVED LICENSED CONTRACTOR (A.L.C.)
4. ALL ORDINARY TRENCH BACKFILL SHALL COMPRISE SUITABLE EARTHFILL FREE OF TOPSOIL/ORGANICS AND SHALL BE WELL COMPACTED IN LAYERS NOT EXCEEDING 200mm TO ACHIEVE MINIMUM SHEAR STRENGTHS OF 100 kPa / MAX. 10% AIR VOIDS OR AS PER THE EARTHWORKS SPECIFICATION.
5. ALL PIPE CROSSINGS UNDER CARRIAGEWAYS/ TRAFFIC AREAS TO BE HARDFILL BACKFILLED WITH APPROVED GAP65 TO 1.0m BEYOND EXTENT CARRIAGEWAY. TRENCH HARDFILL BACKFILL TO BE WELL COMPACTED TO ACHIEVE MIN. CLEGG HAMMER CIV = 25.
6. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NZVD 2016
7. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
8. PIPE BEDDING: 0 - 10% GRANULAR BEDDING,10 - 20% WEAK CONCRETE BEDDING.GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS).
9. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.

LEGEND

- EXISTING BDY
- PROPOSED BDY
- EX WASTEWATER
- PR WASTEWATER PRIV
- PR WASTEWATER
- PR WASTEWATER BULK MAIN (LPS) (110, 140, 160, 180)
- PR BDY KIT - SINGLE
- PR BDY KIT - DOUBLE
- SUPER LOT BDY

Rev	Description	By	Date
A	RESOURCE CONSENT	RK	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	KH/RK	02/2025
Drawn	KH/RK	02/2025
Checked	JP/LC	02/2025

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Project

SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOTS 10-15 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED WASTEWATER PLAN OVERVIEW

Project no.	215010
Scale	1:2500 @ A3
Cad file	215010-S6-C500.DWG
Drawing no.	S6-C500 Rev A

DATE: 2/05/25 FILE PATH: F:\MAVEN\PROJECTS\215010 SUNFIELD\CIVIL\PRODUCTION\STAGE 6\215010-S6-C500.DWG

SL 9

SL 8

SWALE

EX. FIRSTGAS EASEMENT

ROAD 24

ROAD 26

ROAD 26

SWALE

ROAD 5

RESOURCE CONSENT

DATE: 2/7/25 FILE PATH: P:\MAVEN\PROJECTS\215010_SUNFIELD\DWGS PRODUCTION\STAGE E\215010-S6-C500.DWG

WASTEWATER NOTES

1. ALL WORKS AND MATERIALS TO COMPLY WITH WATERCARE SERVICES LIMITED CODE OF PRACTICE.
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Rev	Description	By	Date
A	RESOURCE CONSENT	RK	02/2025

	By	Date
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Project

SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOTS 10-15 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED WASTEWATER PLAN: SHEET 1

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S6-C500.DWG		
Drawing no.	S6-C500-1	Rev	A

SL 8

SL 7

SL 10

SL 15

ROAD 6 (HAMLIN ROAD)

EX. FIRSTGAS EASEMENT

ROAD 22

ROAD 24

ROAD 21

ROAD 5

SWALE

RESOURCE CONSENT

DATE: 2/7/25 FILE PATH: F:\MAVEN\PROJECTS\215010 SUNFIELD\DWG\3-PRODUCTION\7-AUE D\215010-S6-C500.DWG

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A	RESOURCE CONSENT	RK	02/2025

	By	Date
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Design	KH/RK	02/2025
Drawn	KH/RK	02/2025
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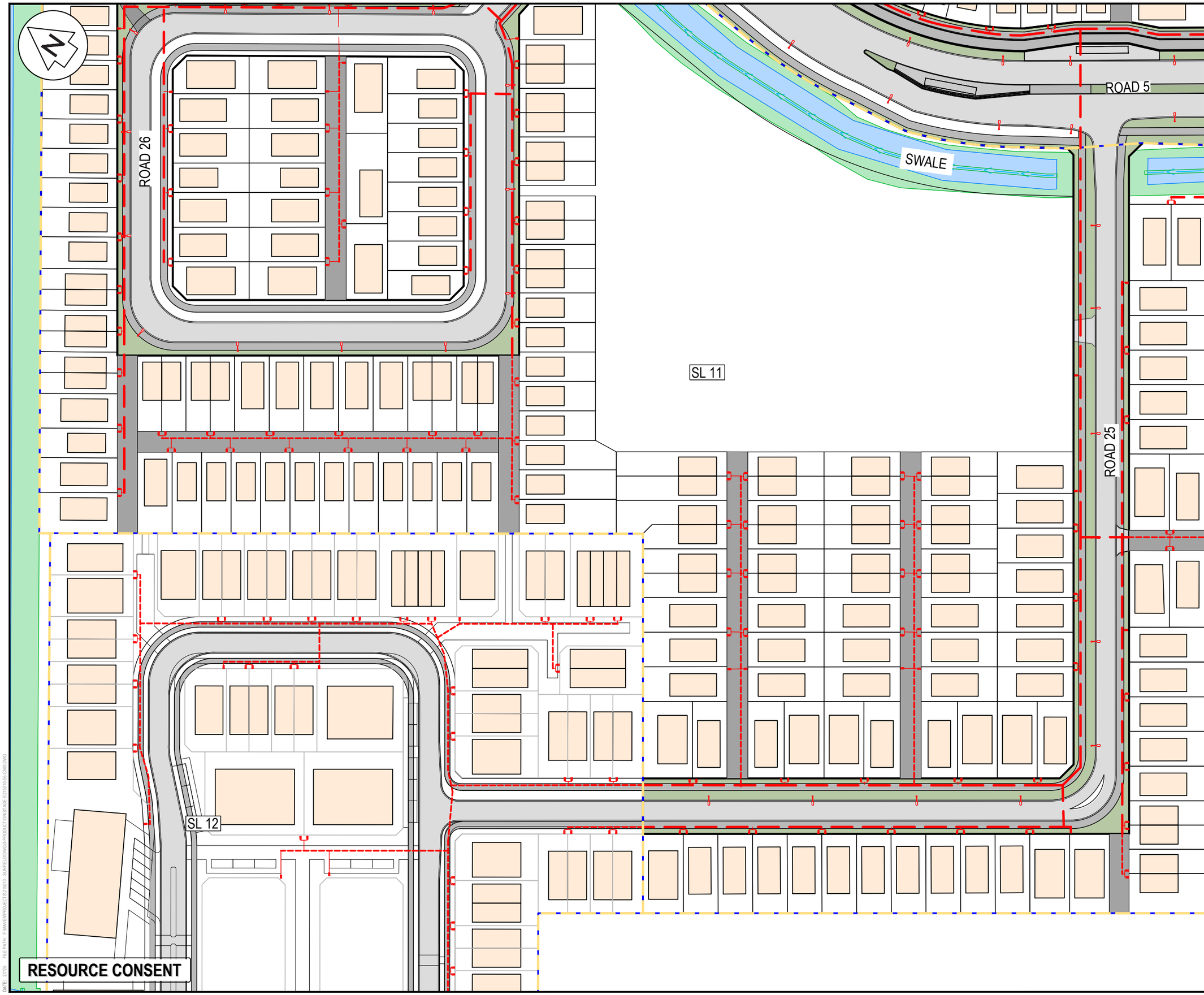
Project

SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOTS 10-15 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED WASTEWATER PLAN: SHEET 2

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C500.DWG
Drawing no.	S6-C500-2 Rev A



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- 110 110 / 140 140 / 160 160 / 180 180 PR WASTEWATER BULK MAIN (LPS)
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Rev	Description	By	Date
A	RESOURCE CONSENT	RK	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
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Drawn	KH/RK	02/2025
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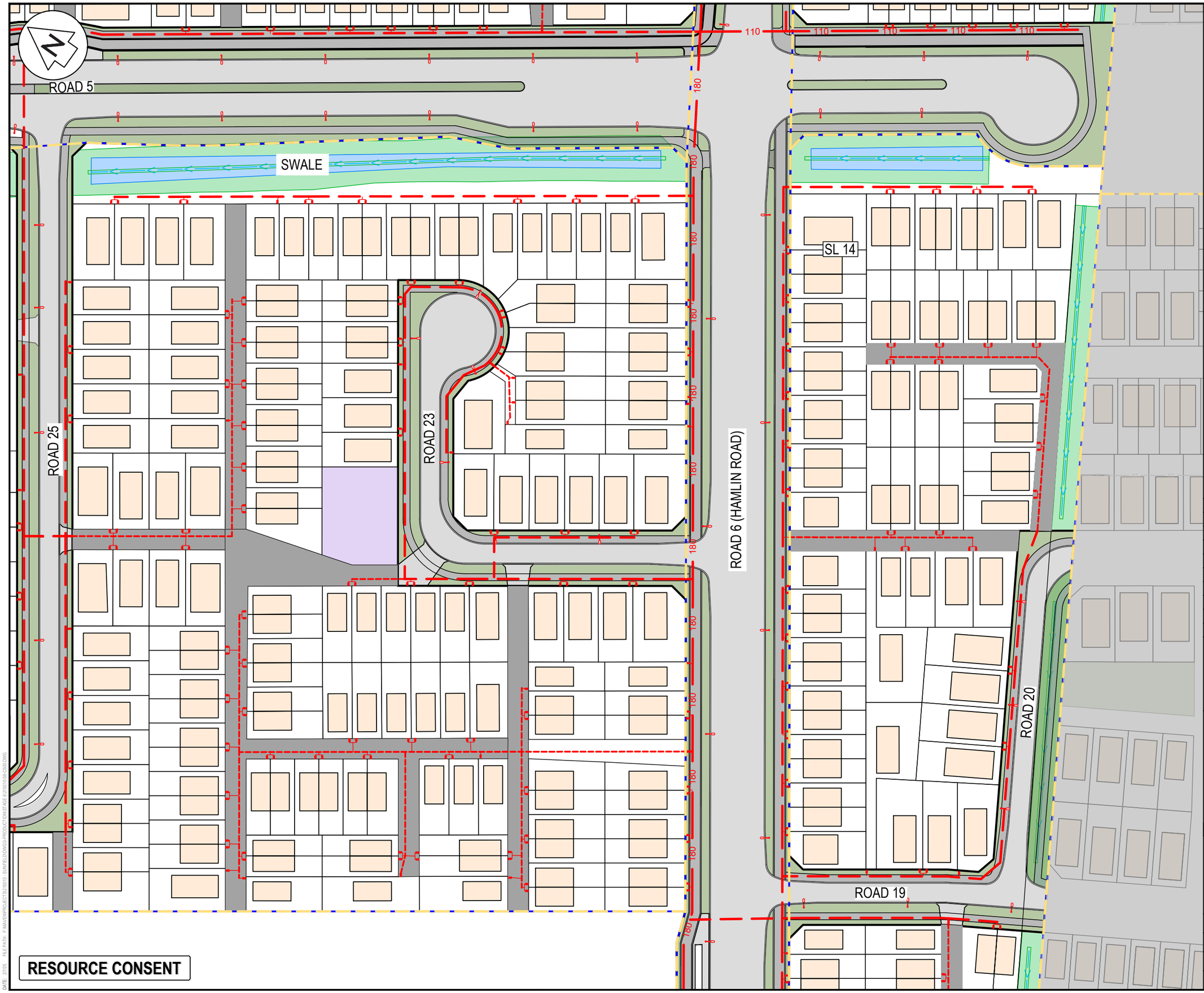
SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOTS 10-15 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED WASTEWATER PLAN: SHEET 3

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C500.DWG
Drawing no.	S6-C500-3 Rev A

DATE: 2/7/25 FILE PATH: P:\MAVEN\PROJECTS\215010 - SUNFIELD\CAD\3-PRODUCTION\STAGE E\215010-S6-C500.DWG



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Rev	Description	By	Date
A	RESOURCE CONSENT	RK	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	KH/RK	02/2025
Drawn	KH/RK	02/2025
Checked	JP/LC	02/2025

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Project

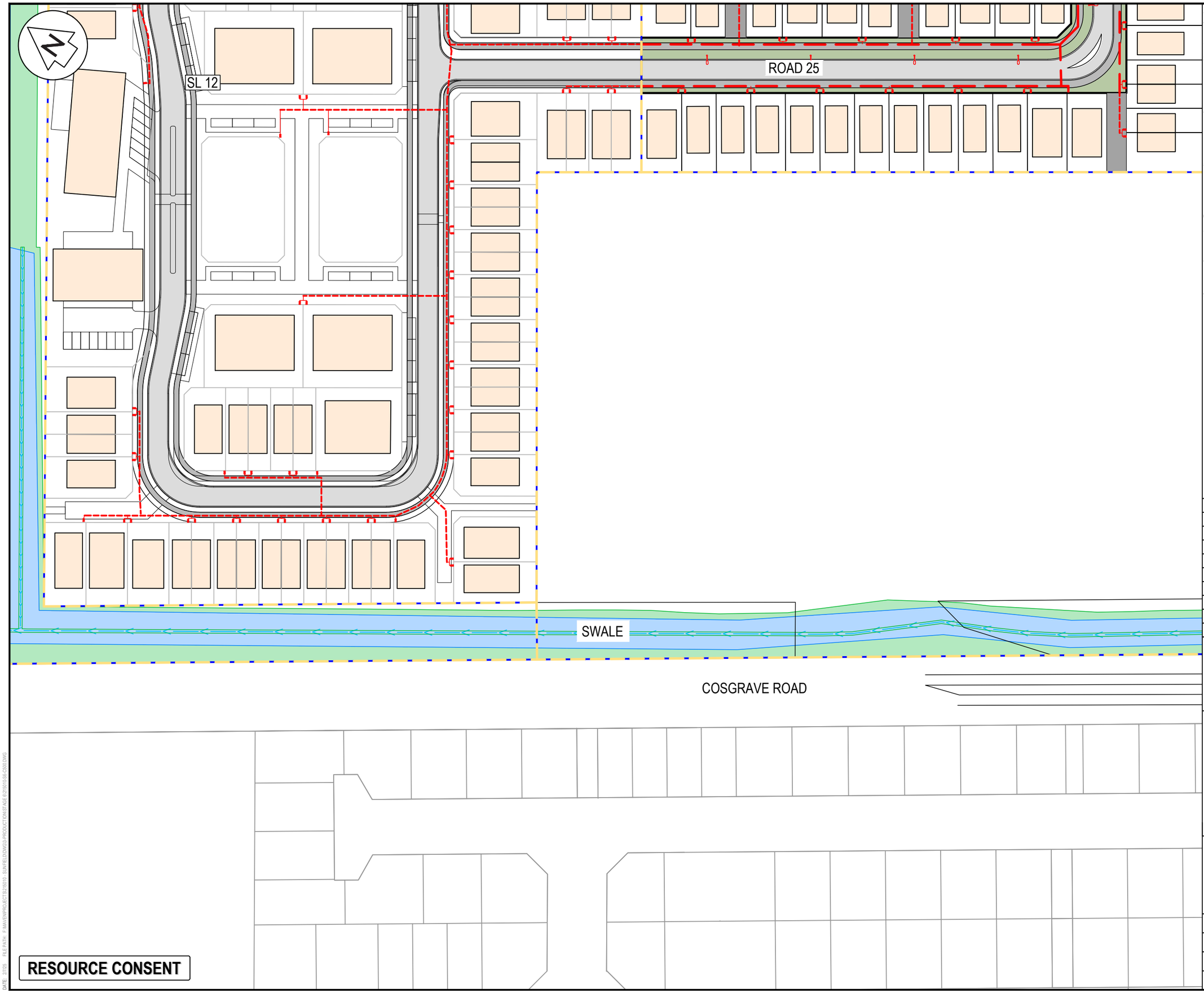
SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOTS 10-15 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED WASTEWATER PLAN: SHEET 4

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C500.DWG
Drawing no.	S6-C500-4 Rev A

DATE: 27/05 FILE PATH: F:\MAVEN\PROJECTS\215010 SUNFIELD\DWGS\PRODUCTION\STAGE 2\215010-S6-C500.DWG



WASTEWATER NOTES

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Rev	Description	By	Date
A	RESOURCE CONSENT	RK	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
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Project

SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOTS 10-15 FOR SUNFIELD DEVELOPMENTS LIMITED

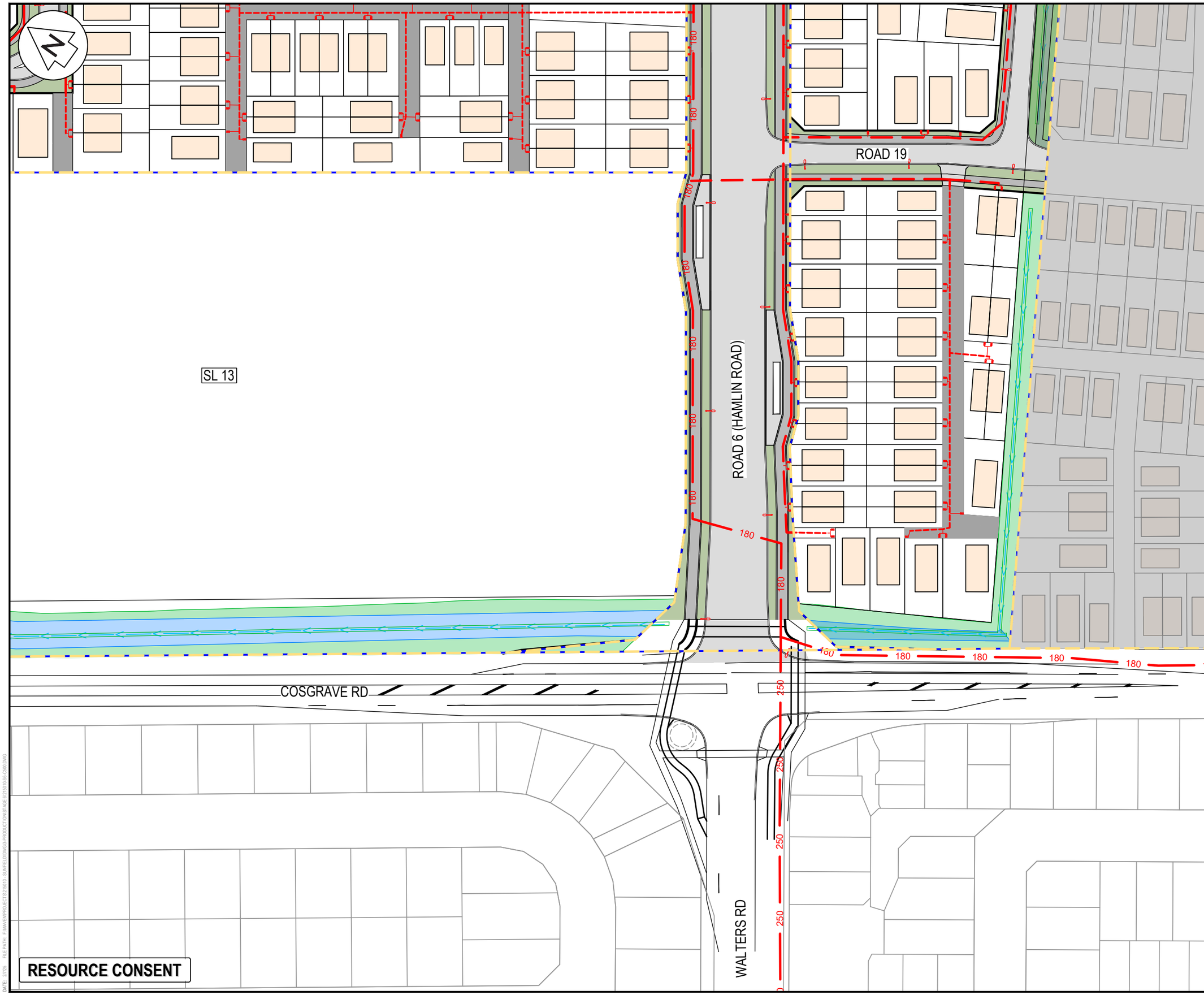
Title

PROPOSED WASTEWATER PLAN: SHEET 5

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S6-C500.DWG		
Drawing no.	S6-C500-5	Rev	A

RESOURCE CONSENT

DATE: 27/05 FILE PATH: F:\MAVEN\PROJECTS\215010 SUNFIELD\DWGS-PRODUCTION\STAGE 6\215010-S6-C500.DWG



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A	RESOURCE CONSENT	RK	02/2025

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Drawn	KH/RK	02/2025
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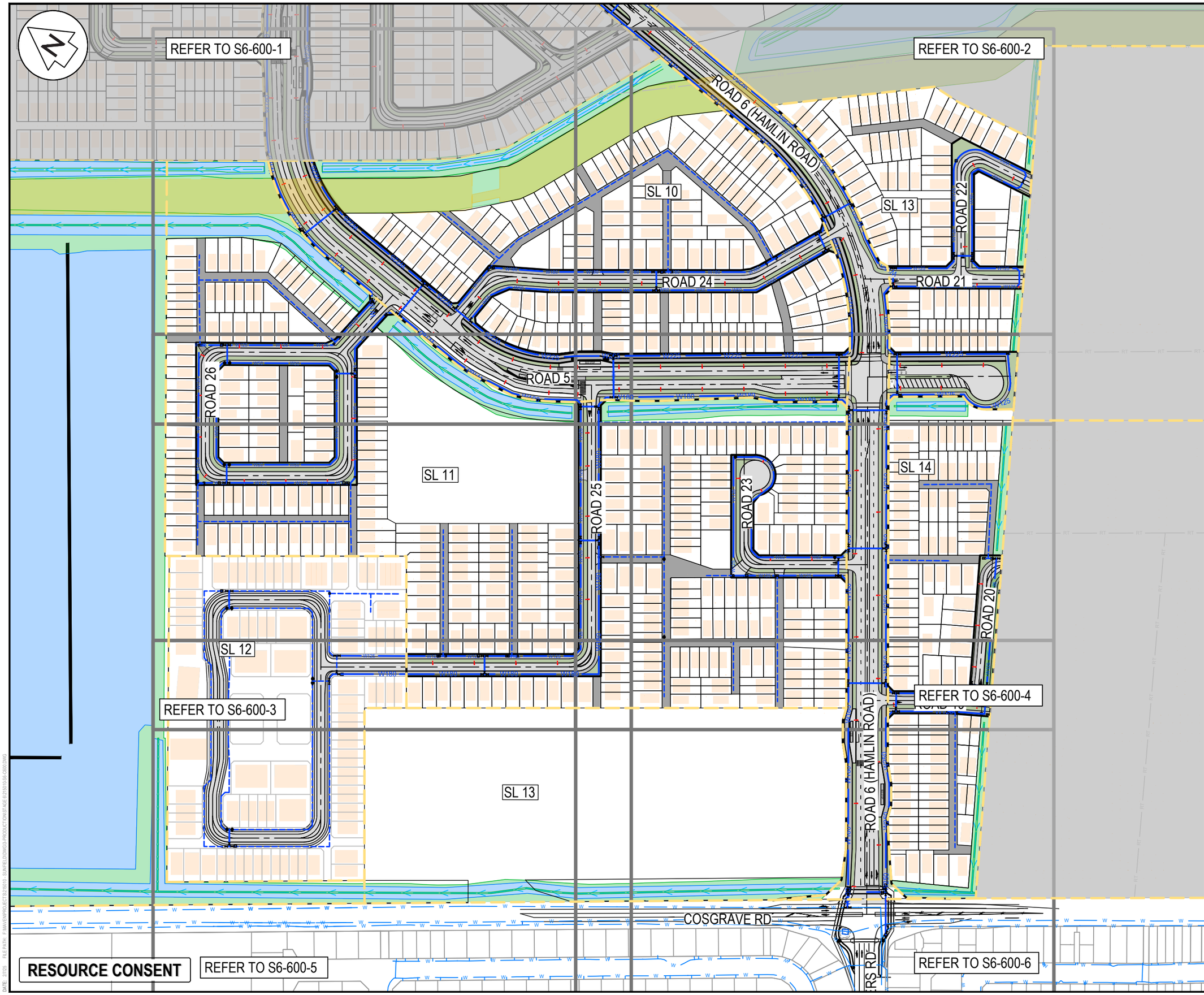
SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOTS 10-15 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED WASTEWATER PLAN: SHEET 6

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S6-C500.DWG		
Drawing no.	S6-C500-6	Rev	A

DATE 2/7/25 FILE PATH F:\MAVEN\PROJECTS\215010_SUNFIELD\DWGS\PRODUCTION\STAGE 6\215010-S6-C500.DWG



RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
2. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ANY UNDERGROUND SERVICES PRIOR TO THE COMMENCEMENT OF WORKS.
3. MINIMUM COVER SHALL BE:
   - ROADS AND FRONT1M OF BERM: 900mm
   - BERMS 600mm
   - SERVICE CONNECTIONS: 450mm
4. WATERMAINS 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 SPIGNOT 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-METALIC PIPES ARE TO HAVE TRACER WIRE FITTED TO COUNCIL STANDARDS.
8. PIPES SHALL BE BEDDED AND SURROUNDED TO 150MM ABOVE THE PIPE SOFFIT WITH SAND OR AP20.
9. METAL DETECTOR TAPE PRINTED WITH 'WATER PIPE BELOW' SHALL BE LAID 150MM ABOVE ALL WATERMAINS.
10. A YELLOW ISOSCELES TRIANGLE WITH CATS EYE POINTING TO FH SHALL BE PAINTED IN THE CENTRE OF ALL SEALED ROADS.
11. ALL VALVES TO BE MARKED WITH SAWCUT KERB AND BLUE PAINT.
12. ALL FLANGE JOINTS TO BE PROTECTED WITH DENSO TAPE OR SIMILAR APPROVED BY THE ENGINEER.

LEGEND

- EX BDY
- PR BDY
- EX WATERMAIN
- PR WATER MAIN 50
- PR WATER MAIN 100
- PR WATER MAIN 150
- PR WATER MAIN 200
- PR WATER PRIVATE
- EX/PR HYDRANT
- EX/PR METER
- EX SLUICE VALVE
- EX PEET VALVE
- PR SLUICE VALVE
- PR PEET VALVE

Rev	Description	By	Date
A	RESOURCE CONSENT	AS	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	AS	11/2024
Drawn	KN	11/2024
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Auckland 1023

Project

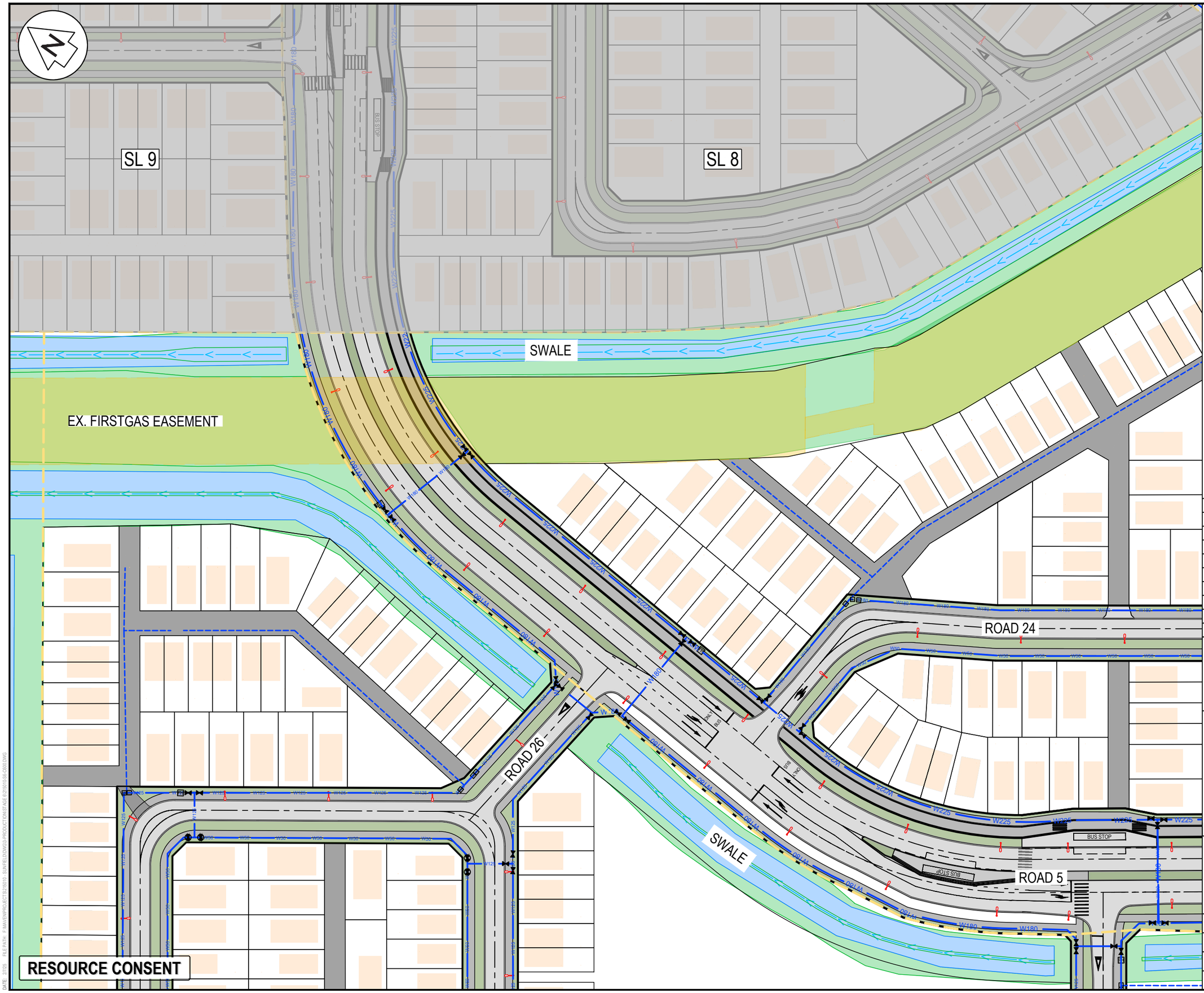
SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOT 10 & 11 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED WATER SUPPLY PLAN OVERVIEW

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-S6-C600.DWG		
Drawing no.	S6-C600	Rev	A

DATE: 2/7/25 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\ISSUE 02\215010-S6-C600.DWG



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
2. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ANY UNDERGROUND SERVICES PRIOR TO THE COMMENCEMENT OF WORKS.
3. MINIMUM COVER SHALL BE:
   - ROADS AND FRONT1M OF BERM: 900mm
   - BERMS 600mm
   - SERVICE CONNECTIONS: 450mm
4. WATERMAINS 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 SPIGNOT 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-METALIC PIPES ARE TO HAVE TRACER WIRE FITTED TO COUNCIL STANDARDS.
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10. A YELLOW ISOSCELES TRIANGLE WITH CATS EYE POINTING TO FH SHALL BE PAINTED IN THE CENTRE OF ALL SEALED ROADS.
11. ALL VALVES TO BE MARKED WITH SAWCUT KERB AND BLUE PAINT.
12. ALL FLANGE JOINTS TO BE PROTECTED WITH DENSO TAPE OR SIMILAR APPROVED BY THE ENGINEER.

LEGEND

- EX BDY
- PR BDY
- EX WATERMAIN
- PR WATER MAIN 50
- PR WATER MAIN 100
- PR WATER MAIN 150
- PR WATER MAIN 200
- PR WATER PRIVATE
- EX/PR HYDRANT
- EX/PR METER
- EX SLUICE VALVE
- EX PEET VALVE
- PR SLUICE VALVE
- PR PEET VALVE

Rev	Description	By	Date
A	RESOURCE CONSENT	AS	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	AS	11/2024
Drawn	KN	11/2024
Checked	JP/LC	02/2025

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Project

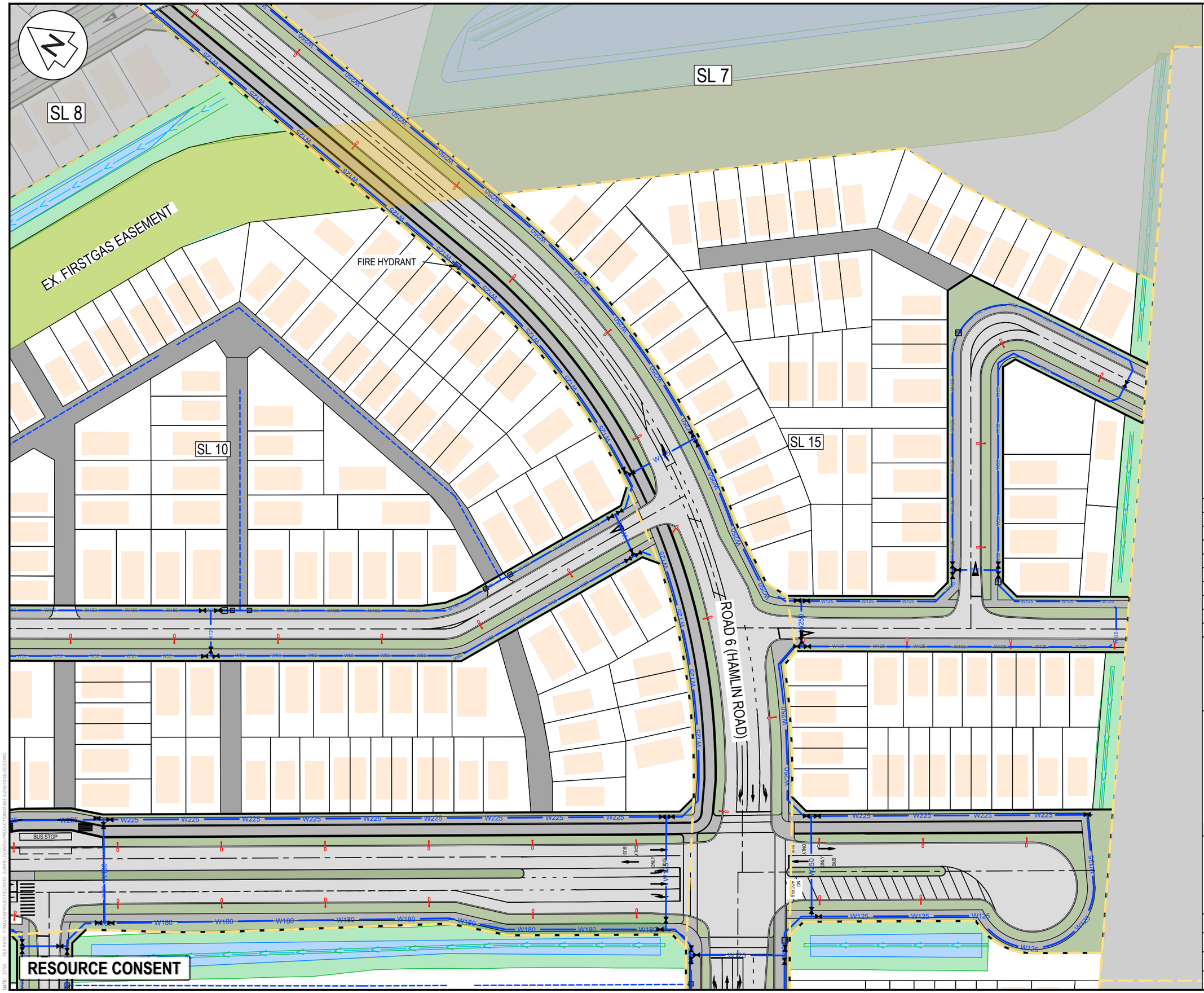
SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
SUPERLOT 10 & 11
FOR SUNFIELD
DEVELOPMENTS LIMITED

Title

PROPOSED
WATER SUPPLY
PLAN: SHEET 1

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S6-C600.DWG		
Drawing no.	S6-C600-1	Rev	A

DATE: 27/05 FILE PATH: P:\MAVEN\PROJECTS\215010 - SUNFIELD\DWGS-PRODUCTION\SITE AE\215010-S6-C600.DWG



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12. ALL FLANGE JOINTS TO BE PROTECTED WITH DENSO TAPE OR SIMILAR APPROVED BY THE ENGINEER.

LEGEND

- EX BDY
- PR BDY
- EX WATERMAIN
- PR WATER MAIN 50
- PR WATER MAIN 100
- PR WATER MAIN 150
- PR WATER MAIN 200
- PR WATER PRIVATE
- EX/PR HYDRANT
- EX/PR METER
- EX SLUICE VALVE
- EX PEET VALVE
- PR SLUICE VALVE
- PR PEET VALVE

Rev	Description	By	Date
A	RESOURCE CONSENT	AS	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	AS	11/2024
Drawn	KN	11/2024
Checked	JP/LC	02/2025

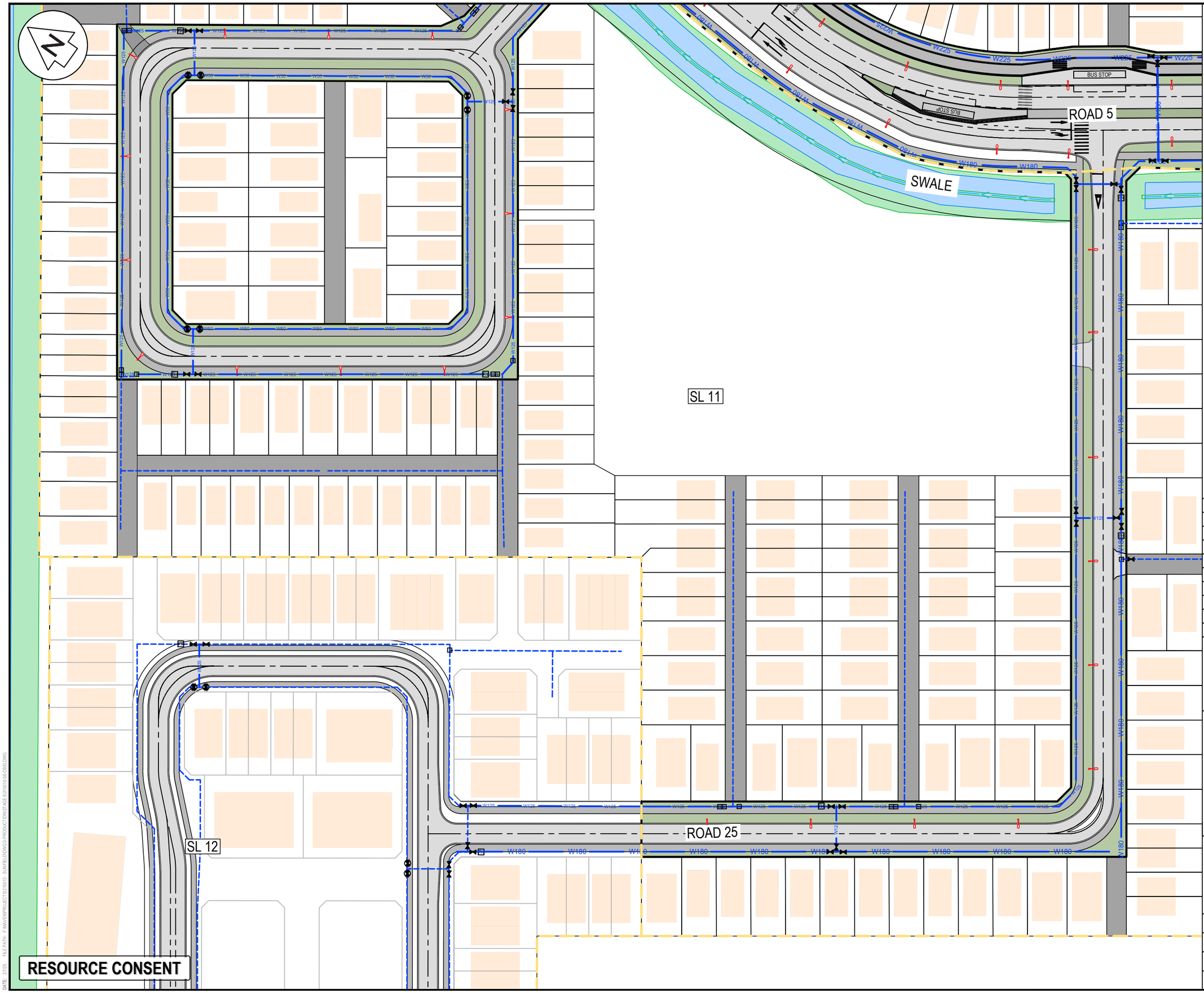
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Auckland 1023

Project
SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
SUPERLOT 10 & 15
FOR SUNFIELD DEVELOPMENTS LIMITED

Title
PROPOSED WATER SUPPLY PLAN: SHEET 2

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C600.DWG
Drawing no.	S6-C600-2 Rev A

DATE: 2/7/25 FILEPATH: P:\MAVEN\PROJECTS\215010 SUNFIELD\CIVIL\2 PRODUCTION\ISTAGE E\215010-S6-C600.DWG



NOTES

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LEGEND

- EX BDY
- PR BDY
- EX WATERMAIN
- PR WATER MAIN 50
- PR WATER MAIN 100
- PR WATER MAIN 150
- PR WATER MAIN 200
- PR WATER PRIVATE
- EX/PR HYDRANT
- EX/PR METER
- EX SLUICE VALVE
- EX PEET VALVE
- PR SLUICE VALVE
- PR PEET VALVE

Rev	Description	By	Date
A	RESOURCE CONSENT	AS	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	AS	11/2024
Drawn	KN	11/2024
Checked	JP/LC	02/2025

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Project

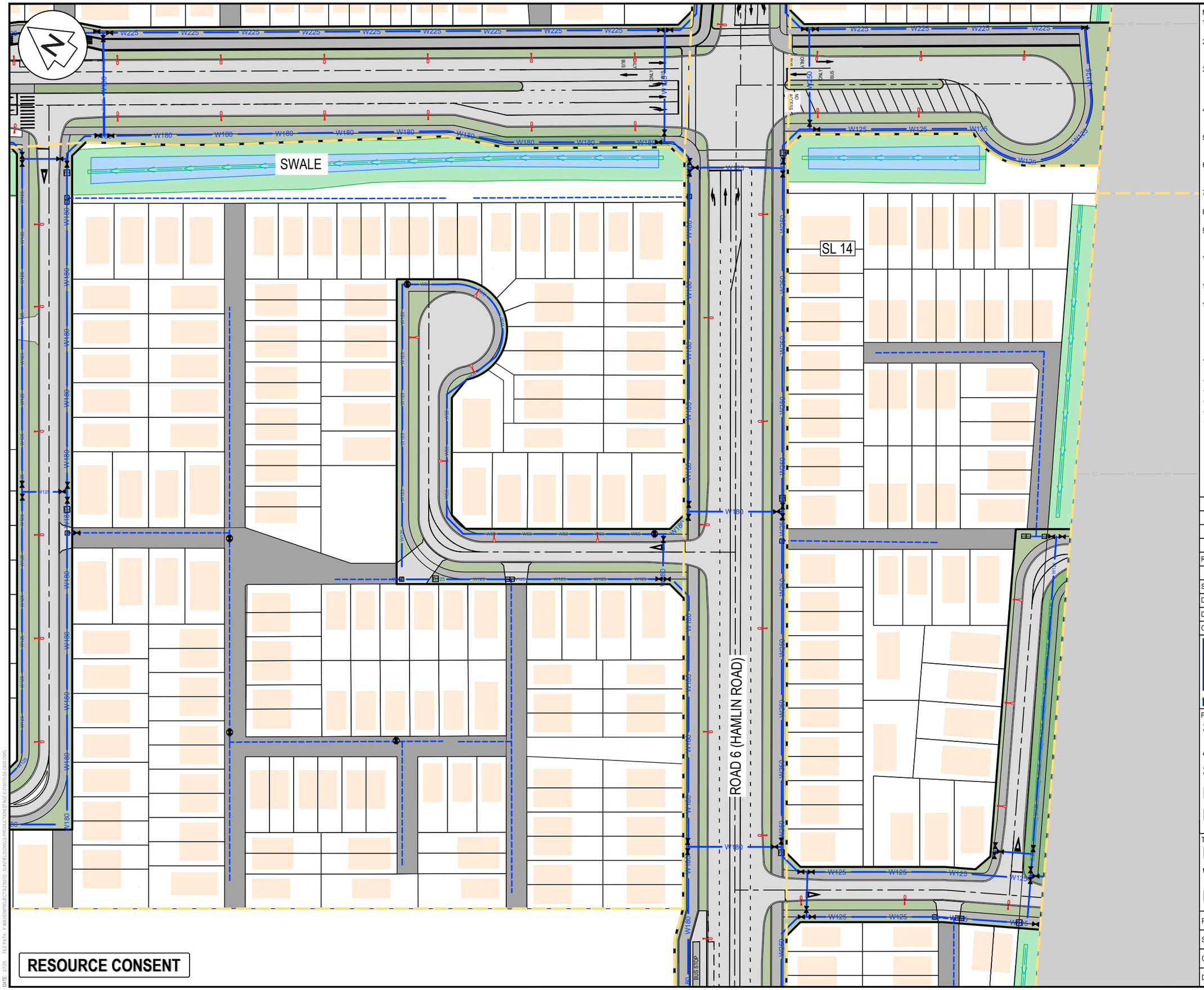
SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND SUPERLOT 11 & 12 FOR SUNFIELD DEVELOPMENTS LIMITED

Title

PROPOSED WATER SUPPLY PLAN: SHEET 3

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S6-C600.DWG		
Drawing no.	S6-C600-3	Rev	A

DATE 2/7/25 FILE PATH F:\MAVEN\PROJECTS\215010 SUNFIELD\DWG\3-PRODUCTION\STAGE 02\S6\215010-S6-C600.DWG



NOTES

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- PR WATER MAIN 50
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- PR WATER MAIN 200
- PR WATER PRIVATE
- EX/PR HYDRANT
- EX/PR METER
- EX SLUICE VALVE
- EX PEET VALVE
- PR SLUICE VALVE
- PR PEET VALVE

Rev	Description	By	Date
A	RESOURCE CONSENT	AS	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	AS	11/2024
Drawn	KN	11/2024
Checked	JP/LC	02/2025

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Project

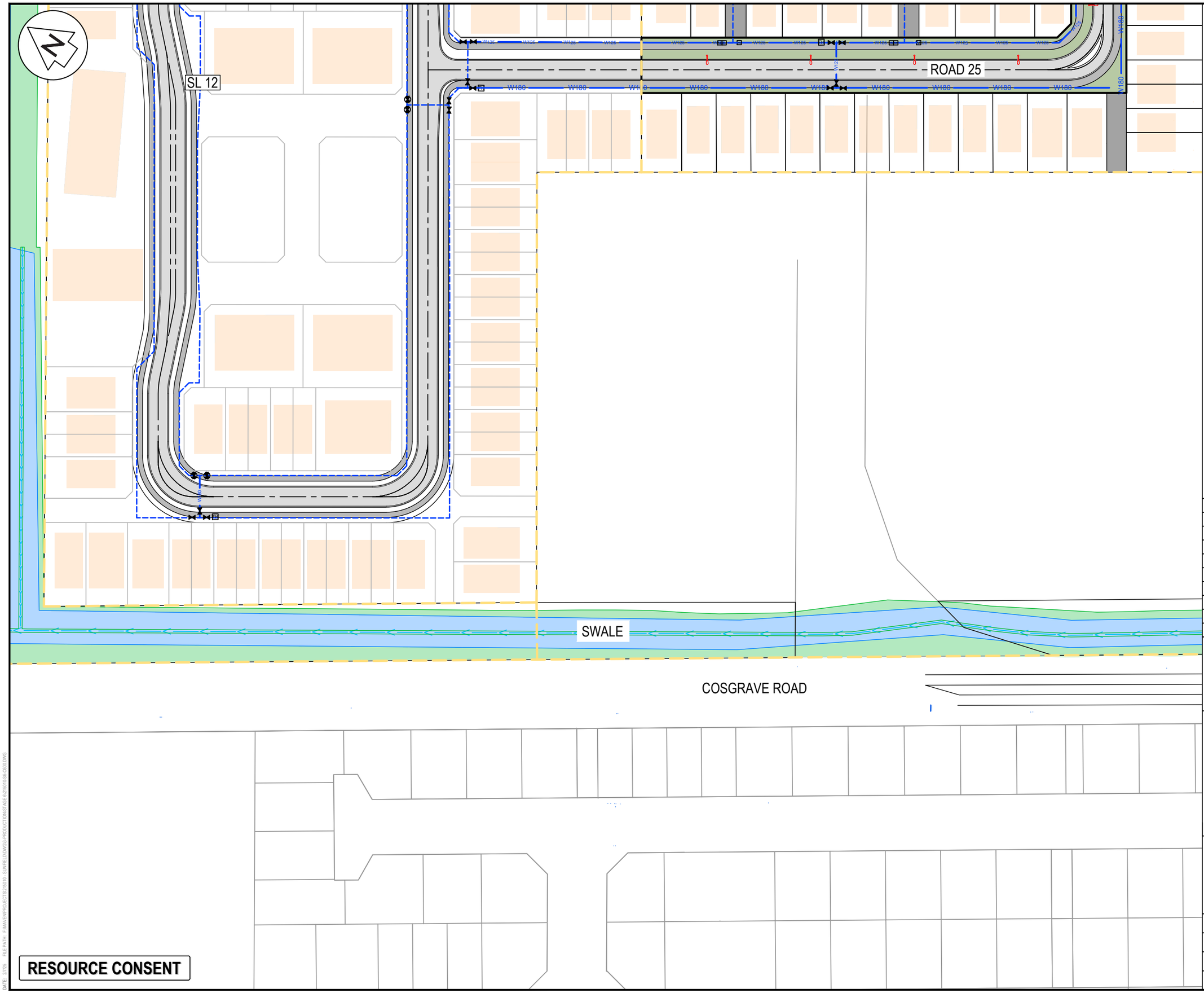
SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
SUPERLOT 11 & 14
FOR SUNFIELD
DEVELOPMENTS LIMITED

Title

PROPOSED
WATER SUPPLY
PLAN: SHEET 4

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C600.DWG
Drawing no.	S6-C600-4 Rev A

DATE: 27/05 FILE PATH: P:\MAVEN\PROJECTS\215010 SUNFIELD\DWGS\PRODUCTION\STAGE 2\215010-S6-C600.DWG



NOTES

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- PR PEET VALVE

Rev	Description	By	Date
A	RESOURCE CONSENT	AS	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	AS	11/2024
Drawn	KN	11/2024
Checked	JP/LC	02/2025

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Project

SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
SUPERLOT 12 & 13
FOR SUNFIELD DEVELOPMENTS LIMITED

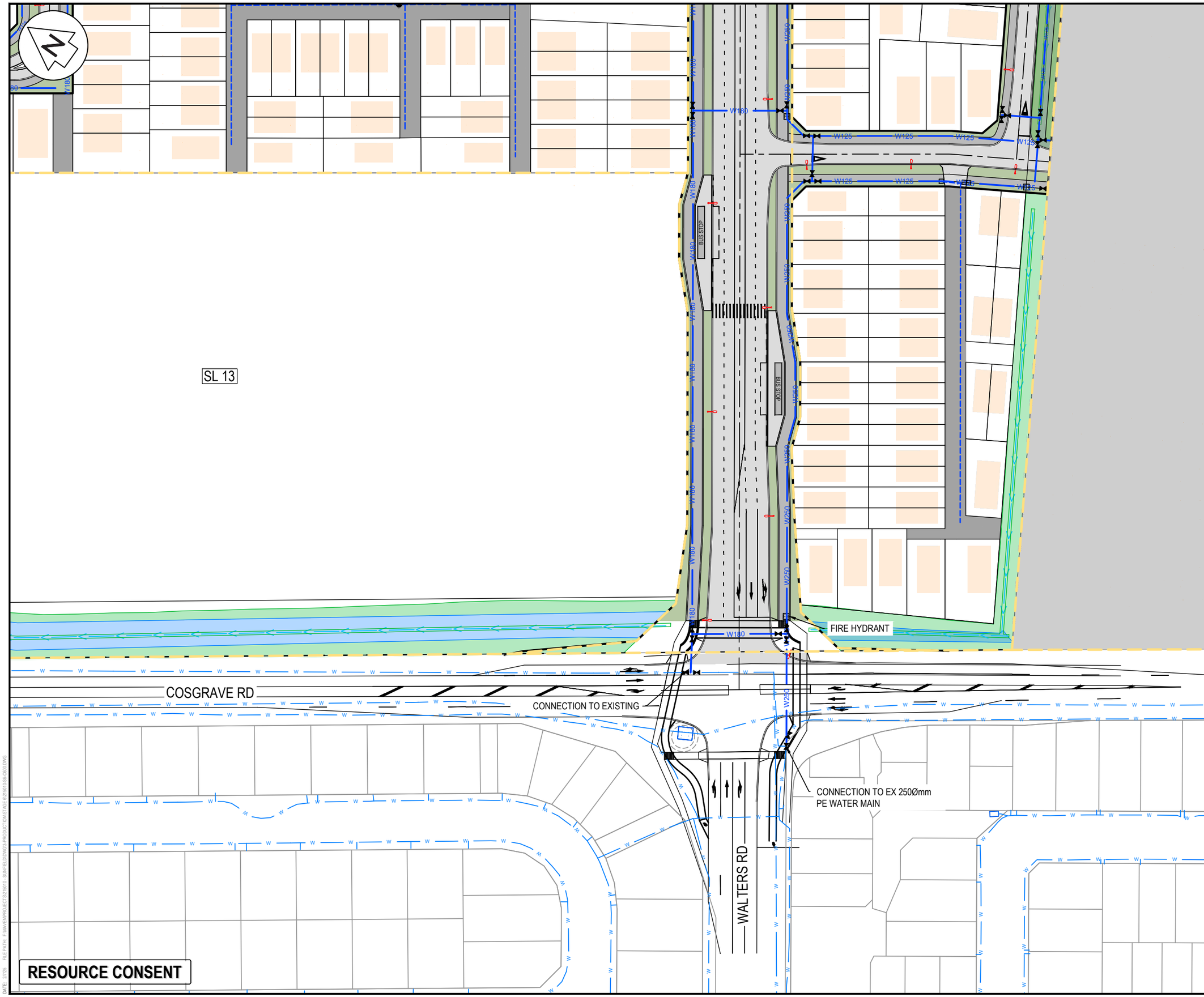
Title

PROPOSED WATER SUPPLY PLAN: SHEET 5

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S6-C600.DWG		
Drawing no.	S6-C600-5	Rev	A

RESOURCE CONSENT

DATE: 2/7/25 FILE PATH: P:\MAVEN\PROJECTS\215010 - SUNFIELD\DWGS\PRODUCTION\STAGE 8\215010-S6-C600.DWG



NOTES

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- EX PEET VALVE
- PR SLUICE VALVE
- PR PEET VALVE

Rev	Description	By	Date
A	RESOURCE CONSENT	AS	02/2025

	By	Date
Survey	SURVEYWORX	02/2021
Design	AS	11/2024
Drawn	KN	11/2024
Checked	JP/LC	02/2025

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Project

SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
SUPERLOT 13 & 14
FOR SUNFIELD
DEVELOPMENTS LIMITED

Title

PROPOSED
WATER SUPPLY
PLAN: SHEET 6

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S6-C600.DWG
Drawing no.	S6-C600-6 Rev A

DATE: 2/7/25 FILE PATH: F:\MAVEN\PROJECTS\215010 SUNFIELD\DWGS\PRODUCTION\STAGE 6\215010-S6-C600.DWG