

LEGEND	
—	EX BDY
—	PR 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
	PR SWCP SINGLE
	PR STREET LIGHT
	PR STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS
	PR SW SWALE
	PR 2YR FLOOD LEVEL
	SUPER LOT BDY

SL 21

COMMERCIAL  
VEHICLE CROSSING

EP 158.17

COMMERCIAL  
VEHICLE CROSSING

R13.00m

SL 21

SL 21

SWALE

SWALE

FOOTPATH

1.80m

CH 540

CH 560

CH 580

CH 600

CH 620

CH 640

CH 660

CH 680

CH 700

CH 720

CH 740

CH 760

CH 780

CH 800

CH 820

CH 840

CH 860

CH 880

CH 900

CH 920

CH 940

CH 960

CH 980

CH 1000

CH 1020

CH 1040

CH 1060

CH 1080

CH 1100

CH 1120

CH 1140

CH 1160

CH 1180

CH 1200

CH 1220

CH 1240

CH 1260

CH 1280

CH 1300

CH 1320

CH 1340

CH 1360

CH 1380

CH 1400

CH 1420

CH 1440

CH 1460

CH 1480

CH 1500

CH 1520

CH 1540

CH 1560

CH 1580

CH 1600

CH 1620

CH 1640

CH 1660

CH 1680

CH 1700

CH 1720

CH 1740

CH 1760

CH 1780

CH 1800

CH 1820

CH 1840

CH 1860

CH 1880

CH 1900

CH 1920

CH 1940

CH 1960

CH 1980

CH 2000

CH 2020

CH 2040

CH 2060

CH 2080

CH 2100

CH 2120

CH 2140

CH 2160

CH 2180

CH 2200

CH 2220

CH 2240

CH 2260

CH 2280

CH 2300

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CH 3180

CH 3200

CH 3220

CH 3240

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CH 4000

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CH 4080

CH 4100

CH 4120

CH 4140

CH 4160

CH 4180

CH 4200

CH 4220

CH 4240

CH 4260

CH 4280

CH 4300

CH 4320

CH 4340

CH 4360

CH 4380

CH 4400

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CH 5120

CH 5140

CH 5160

CH 5180

CH 5200

CH 5220

CH 5240

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CH 5280

CH 5300

CH 5320

CH 5340

CH 5360

CH 5380

CH 5400

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CH 6000

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CH 6200

CH 6220

CH 6240

CH 6260

CH 6280

CH 6300

CH 6320

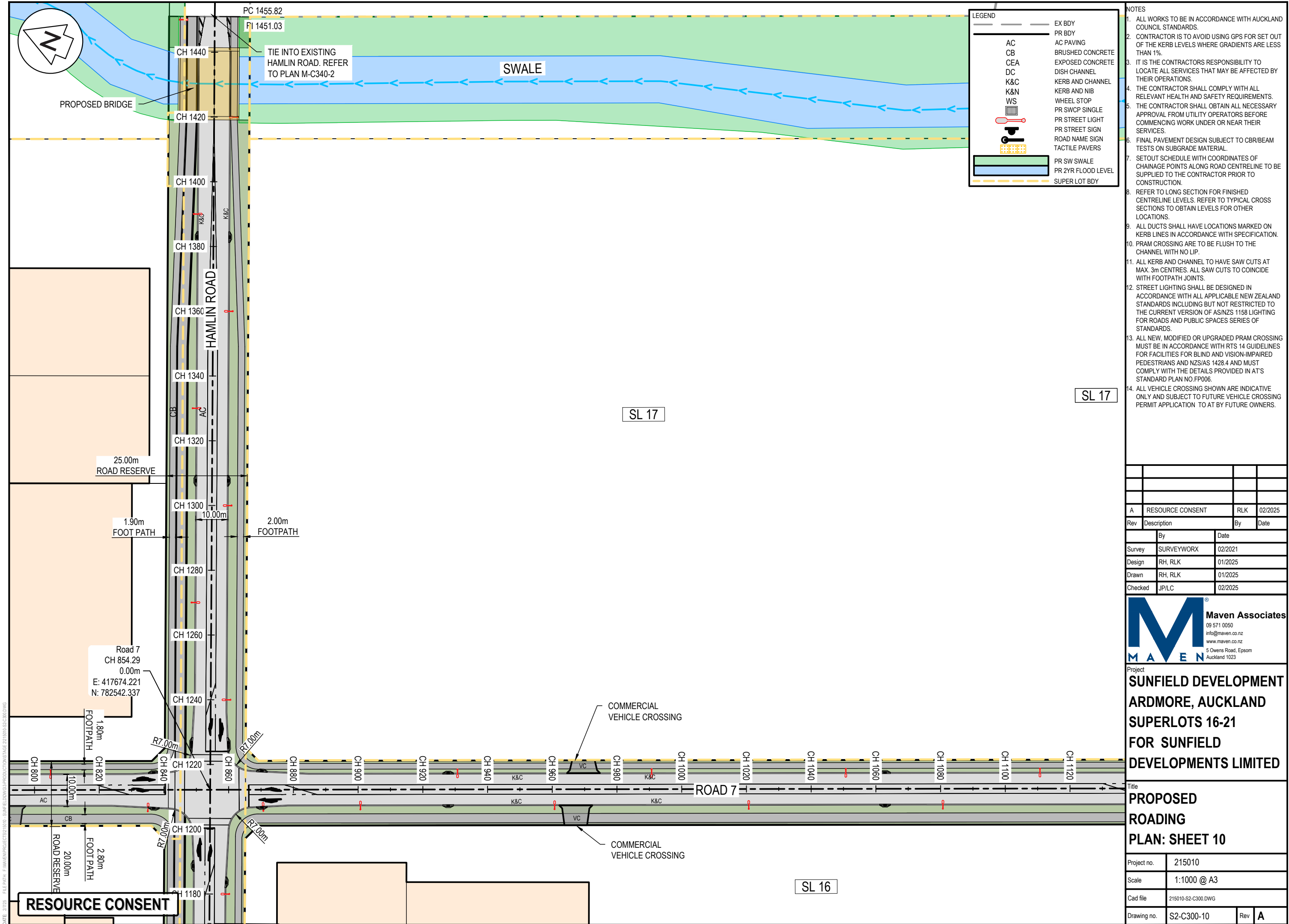
CH 6340

CH 6360

CH 6380

CH 6400

CH 6420



LEGEND

AC	EX BDY
CB	PR BDY
CEA	AC PAVING
DC	BRUSHED CONCRETE
K&C	EXPOSED CONCRETE
K&N	DISH CHANNEL
WS	KERB AND CHANNEL
	KERB AND NIB
	WHEEL STOP
	PR SWCP SINGLE
	PR STREET LIGHT
	PR STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS
	PR SW SWALE
	PR 2YR FLOOD LEVEL
	SUPER LOT BDY

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
  2. CONTRACTOR IS TO AVOID USING GPS FOR SET OUT OF THE KERB LEVELS WHERE GRADIENTS ARE LESS THAN 1%.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
  4. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
  5. THE CONTRACTOR 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 COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
  8. REFER TO LONG SECTION FOR FINISHED CENTRELINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
  9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.
  10. PRAM CROSSING ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
  11. ALL KERB AND CHANNEL TO HAVE SAW CUTS AT MAX. 3m CENTRES. ALL SAW CUTS TO COINCIDE WITH FOOTPATH JOINTS.
  12. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT RESTRICTED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
  13. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSING MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN AT'S STANDARD PLAN NO.FP006.
  14. ALL VEHICLE CROSSING SHOWN ARE INDICATIVE ONLY AND SUBJECT TO FUTURE VEHICLE CROSSING PERMIT APPLICATION TO AT BY FUTURE OWNERS.

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH, RLK	01/2025	
Drawn	RH, RLK	01/2025	
Checked	JP/LC	02/2025	

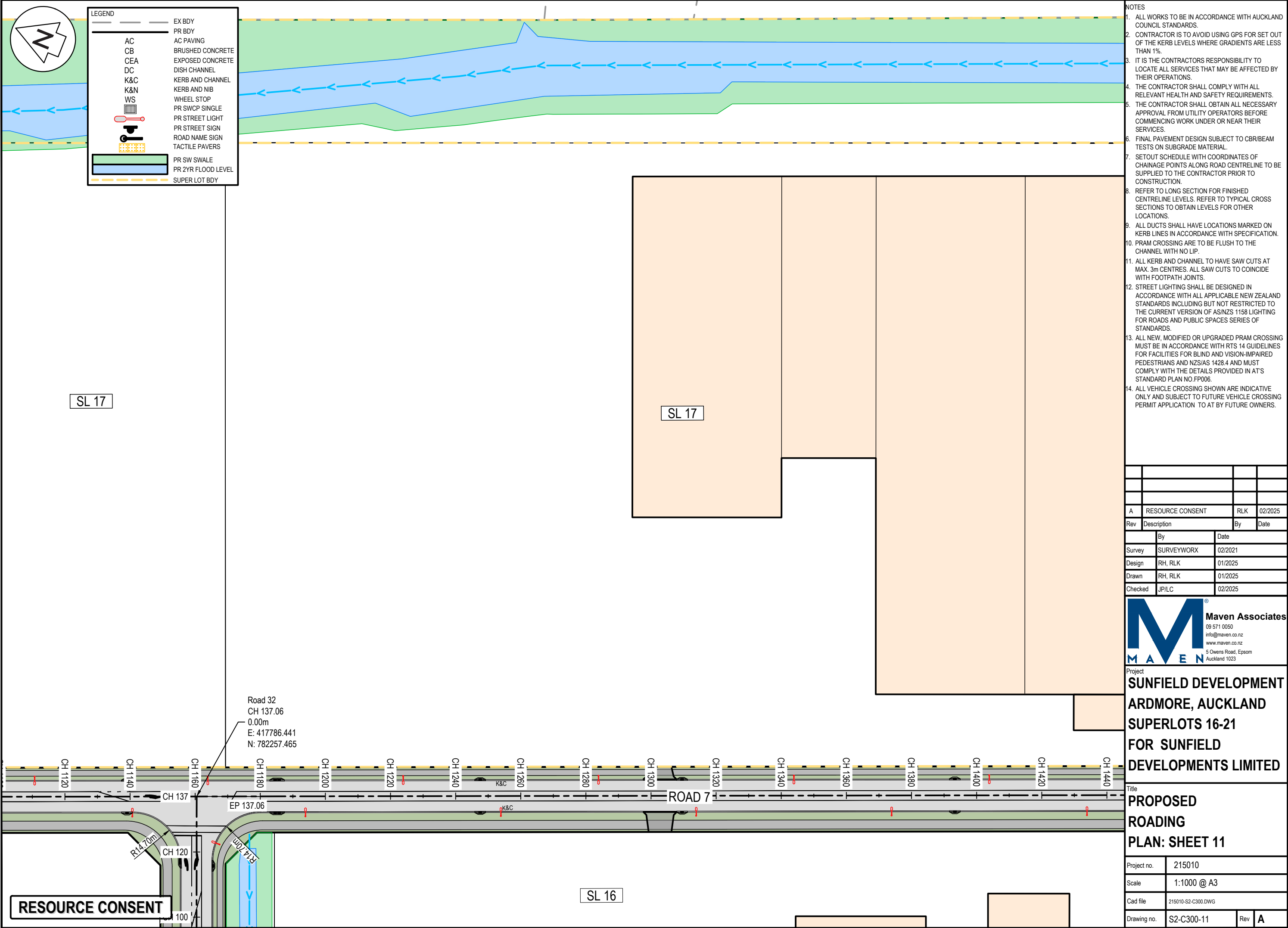
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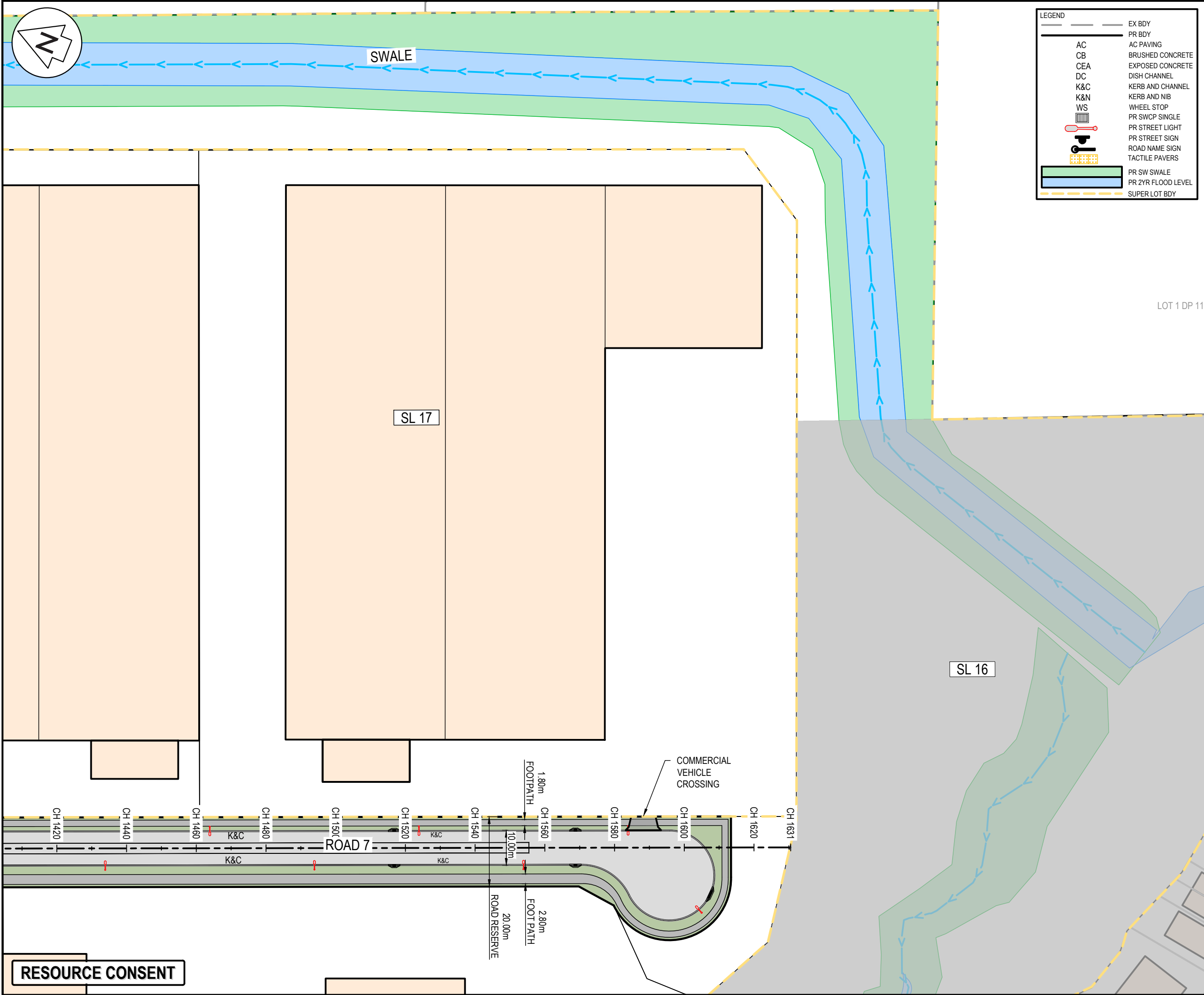
Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
ROADING  
PLAN: SHEET 10**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C300.DWG
Drawing no.	S2-C300-10
Rev	<b>A</b>







LEGEND	
—	EX BDY
—	PR BDY
—	AC PAVING
—	BRUSHED CONCRETE
—	EXPOSED CONCRETE
—	DISH CHANNEL
—	KERB AND CHANNEL
—	KERB AND NIB
—	WHEEL STOP
—	PR SWCP SINGLE
—	PR STREET LIGHT
—	PR STREET SIGN
—	ROAD NAME SIGN
—	TACTILE PAVERS
—	PR SW SWALE
—	PR 2YR FLOOD LEVEL
—	SUPER LOT BDY

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
  2. CONTRACTOR IS TO AVOID USING GPS FOR SET OUT OF THE KERB LEVELS WHERE GRADIENTS ARE LESS THAN 1%.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
  4. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
  5. THE CONTRACTOR 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 COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
  8. REFER TO LONG SECTION FOR FINISHED CENTRELINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
  9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.
  10. PRAM CROSSING ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
  11. ALL KERB AND CHANNEL TO HAVE SAW CUTS AT MAX. 3m CENTRES. ALL SAW CUTS TO COINCIDE WITH FOOTPATH JOINTS.
  12. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT RESTRICTED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
  13. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSING MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN AT'S STANDARD PLAN NO.FP006.
  14. ALL VEHICLE CROSSING SHOWN ARE INDICATIVE ONLY AND SUBJECT TO FUTURE VEHICLE CROSSING PERMIT APPLICATION TO AT BY FUTURE OWNERS.

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH, RLK	01/2025	
Drawn	RH, RLK	01/2025	
Checked	JP/LC	02/2025	

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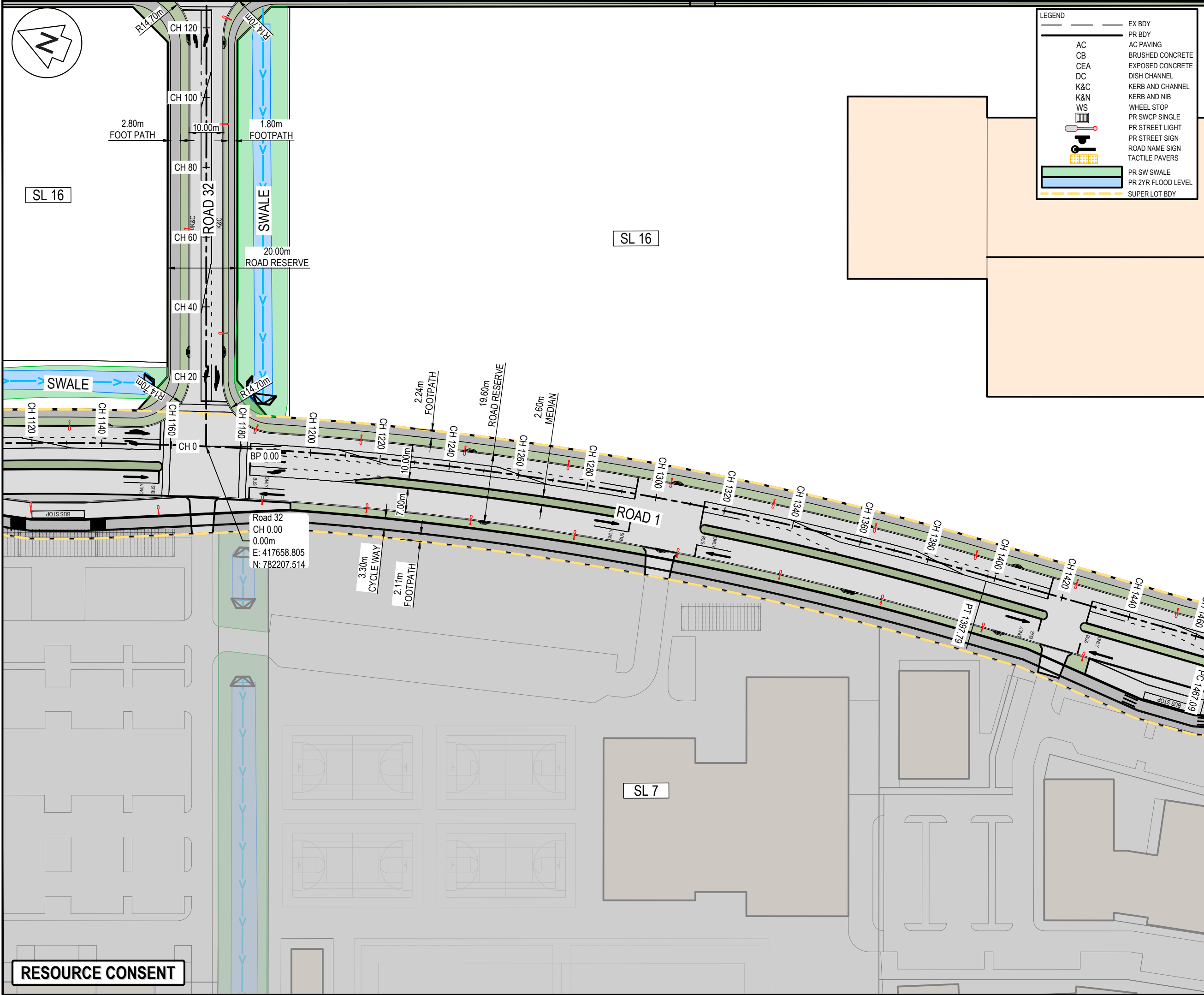
Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
ROADING  
PLAN: SHEET 12**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C300.DWG
Drawing no.	S2-C300-12
Rev	A







LEGEND	
—	EX BDY
—	PR BDY
—	AC PAVING
—	BRUSHED CONCRETE
—	EXPOSED CONCRETE
—	DISH CHANNEL
—	K&C
—	K&N
—	WS
—	PR SWCP SINGLE
—	PR STREET LIGHT
—	PR STREET SIGN
—	ROAD NAME SIGN
—	TACTILE PAVERS
—	PR SW SWALE
—	PR 2YR FLOOD LEVEL
—	SUPER LOT BDY

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
  2. CONTRACTOR IS TO AVOID USING GPS FOR SET OUT OF THE KERB LEVELS WHERE GRADIENTS ARE LESS THAN 1%.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
  4. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
  5. THE CONTRACTOR 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 COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
  8. REFER TO LONG SECTION FOR FINISHED CENTRELINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
  9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.
  10. PRAM CROSSING ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
  11. ALL KERB AND CHANNEL TO HAVE SAW CUTS AT MAX. 3m CENTRES. ALL SAW CUTS TO COINCIDE WITH FOOTPATH JOINTS.
  12. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT RESTRICTED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
  13. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSING MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN AT'S STANDARD PLAN NO.FP006.
  14. ALL VEHICLE CROSSING SHOWN ARE INDICATIVE ONLY AND SUBJECT TO FUTURE VEHICLE CROSSING PERMIT APPLICATION TO AT BY FUTURE OWNERS.

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
Survey	SURVEYWORKX		02/2021
Design	RH, RLK		01/2025
Drawn	RH, RLK		01/2025
Checked	JP/LC		02/2025



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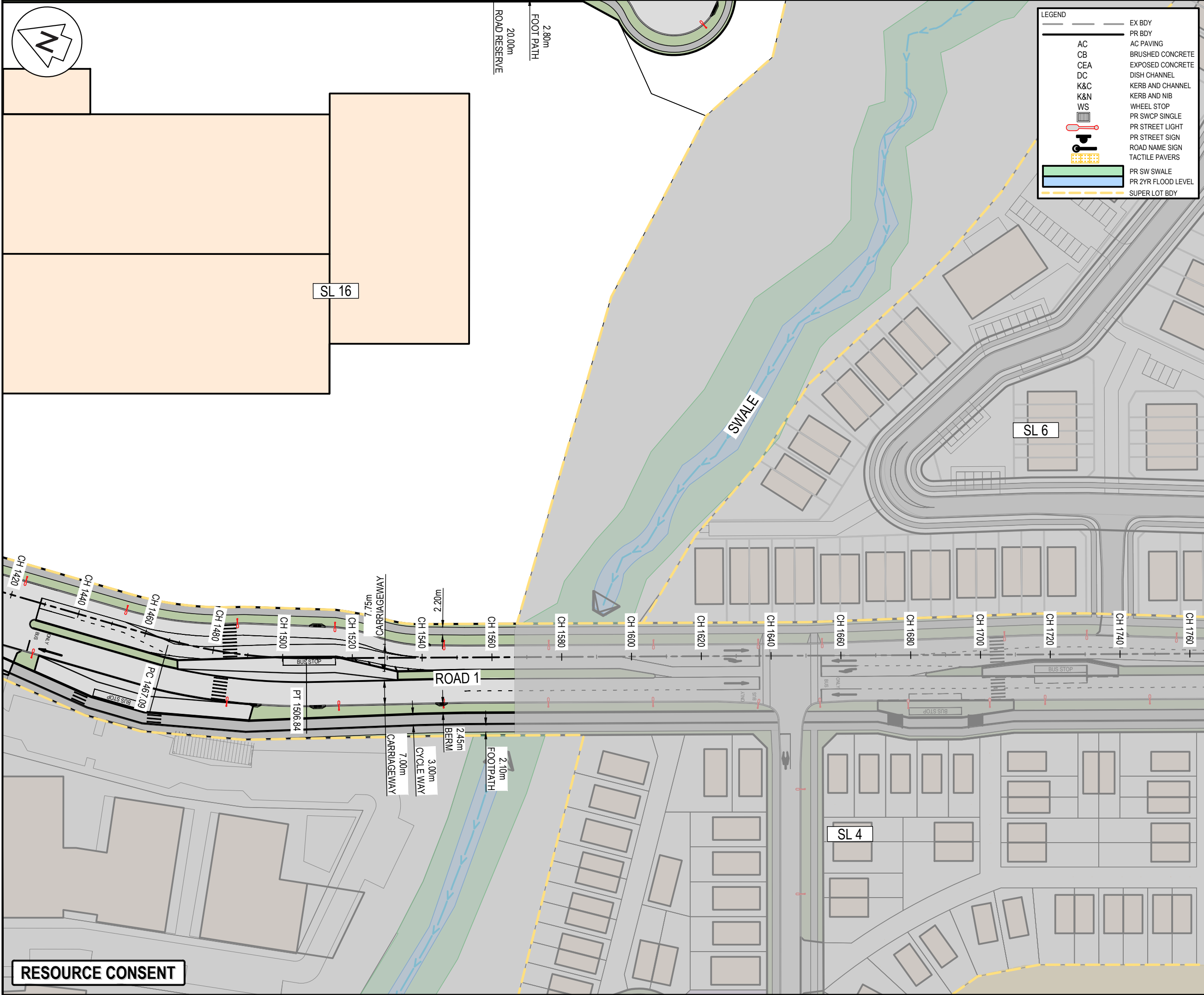
Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
ROADING  
PLAN: SHEET 14**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C300.DWG
Drawing no.	S2-C300-14
Rev	<b>A</b>

**RESOURCE CONSENT**





LEGEND	
AC	EX BDY
CB	PR BDY
CEA	AC PAVING
DC	BRUSHED CONCRETE
K&C	EXPOSED CONCRETE
K&N	DISH CHANNEL
WS	KERB AND CHANNEL
	KERB AND NIB
	WHEEL STOP
	PR SWCP SINGLE
	PR STREET LIGHT
	PR STREET SIGN
	ROAD NAME SIGN
	TACTILE PAVERS
	PR SW SWALE
	PR 2YR FLOOD LEVEL
	SUPER LOT BDY

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
  2. CONTRACTOR IS TO AVOID USING GPS FOR SET OUT OF THE KERB LEVELS WHERE GRADIENTS ARE LESS THAN 1%.
  3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
  4. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
  5. THE CONTRACTOR 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 COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
  8. REFER TO LONG SECTION FOR FINISHED CENTRELINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
  9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.
  10. PRAM CROSSING ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
  11. ALL KERB AND CHANNEL TO HAVE SAW CUTS AT MAX. 3m CENTRES. ALL SAW CUTS TO COINCIDE WITH FOOTPATH JOINTS.
  12. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT RESTRICTED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
  13. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSING MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN AT'S STANDARD PLAN NO.FP006.
  14. ALL VEHICLE CROSSING SHOWN ARE INDICATIVE ONLY AND SUBJECT TO FUTURE VEHICLE CROSSING PERMIT APPLICATION TO AT BY FUTURE OWNERS.

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
Survey	SURVEYWORX		02/2021
Design	RH, RLK		01/2025
Drawn	RH, RLK		01/2025
Checked	JP/LC		02/2025



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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
ROADING  
PLAN: SHEET 15**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C300.DWG
Drawing no.	S2-C300-15
Rev	<b>A</b>

**RESOURCE CONSENT**



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
  2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NZVD 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 INDUSTRIAL LOT CONNECTIONS TO SIZED FOR INDIVIDUAL LOTS. MINIMUM 150mm.

- LEGEND
- EX BDY
  - PR BDY
  - SUPER LOT BDY
  - EX STORMWATER
  - PR STORMWATER
  - EX/PR SWMH
  - PR SWCP SINGLE
  - PR SWCP DOUBLE
  - PR LOT CONNECTION
  - PR SW SWALE
  - PR SWALE (2YR FLOOD RL)

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
		By	Date
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025

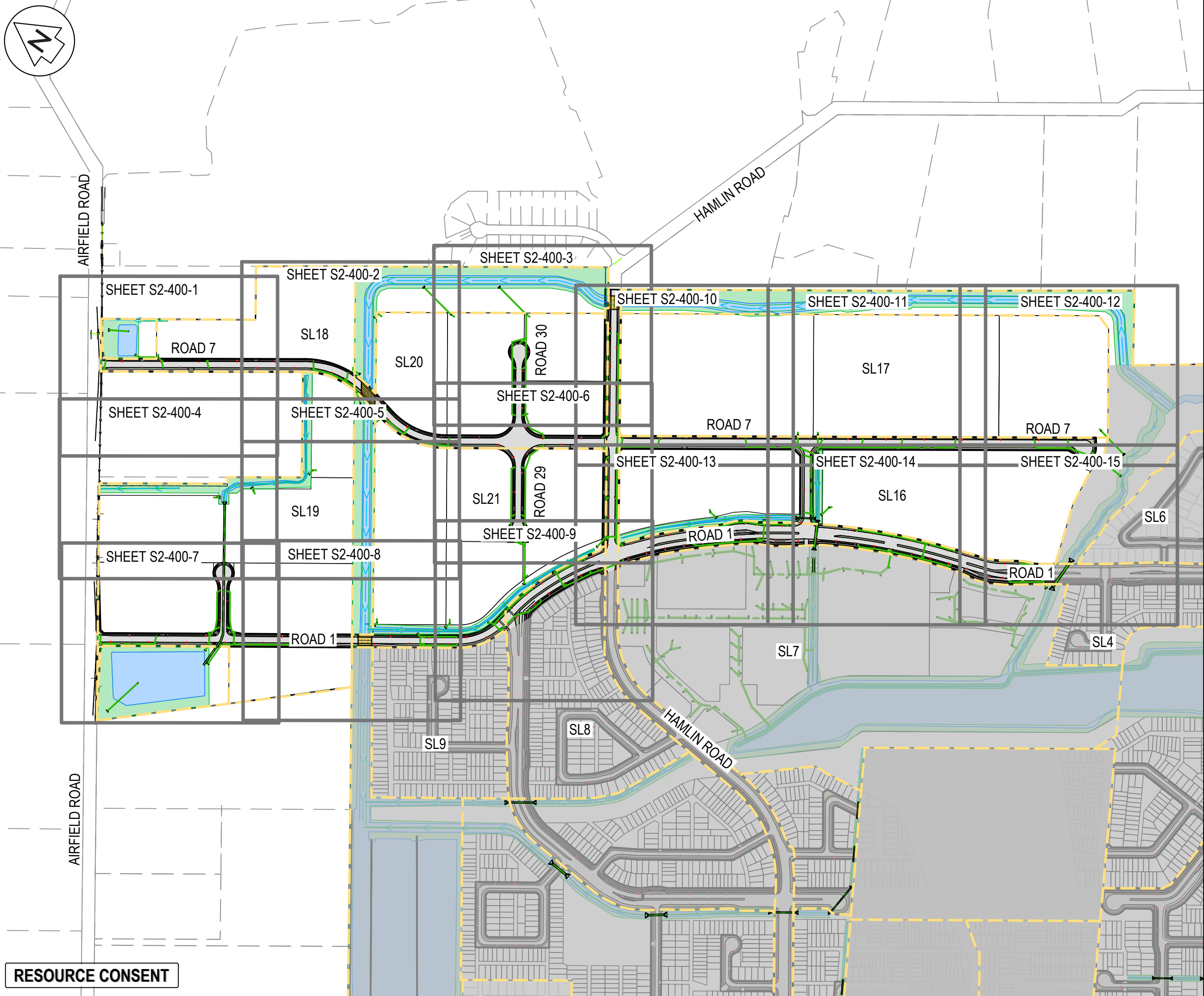


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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

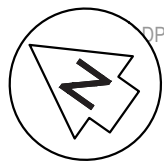
Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:5000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-0
Rev	<b>A</b>



**RESOURCE CONSENT**



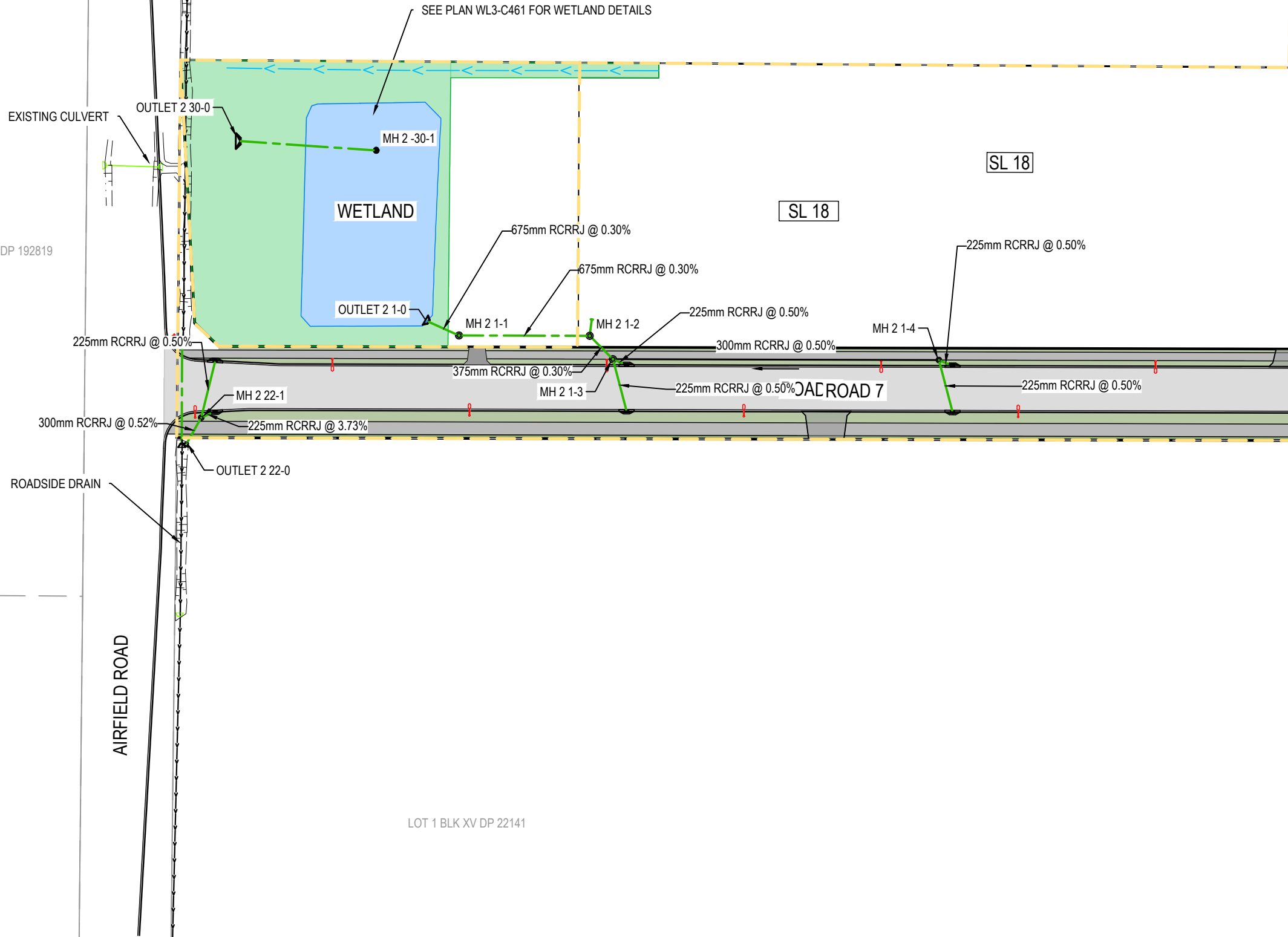


DP 192819

LOT 1 DP 47508

LOT 1 BLK XV DP 192819

LOT 1 BLK XV DP 22141



- 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 NZVD 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 INDUSTRIAL LOT CONNECTIONS TO SIZED FOR INDIVIDUAL LOTS. MINIMUM 150mm.

LEGEND

	EX BDY
	PR BDY
	SUPER LOT BDY
	EX STORMWATER
	PR STORMWATER
	EX/PR SWMH
	PR SWCP SINGLE
	PR SWCP DOUBLE
	PR LOT CONNECTION
	PR SW SWALE
	PR SWALE (2YR FLOOD RL)

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH RLK	01/2025	
Drawn	RH RLK	01/2025	
Checked	JP/LC	02/2025	

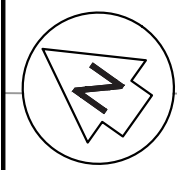
**M** **Maven Associates**  
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www.maven.co.nz  
5 Owens Road, Epsom  
Auckland 1023

Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-1
Rev	<b>A</b>

RESOURCE CONSENT



LOT 13 DP 173310

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
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  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).
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  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 INDUSTRIAL LOT CONNECTIONS TO SIZED FOR INDIVIDUAL LOTS. MINIMUM 150mm.

LEGEND

	EX BDY
	PR BDY
	SUPER LOT BDY
	EX STORMWATER
	PR STORMWATER
	EX/PR SWMH
	PR SWCP SINGLE
	PR SWCP DOUBLE
	PR LOT CONNECTION
	PR SW SWALE
	PR SWALE (2YR FLOOD RL)

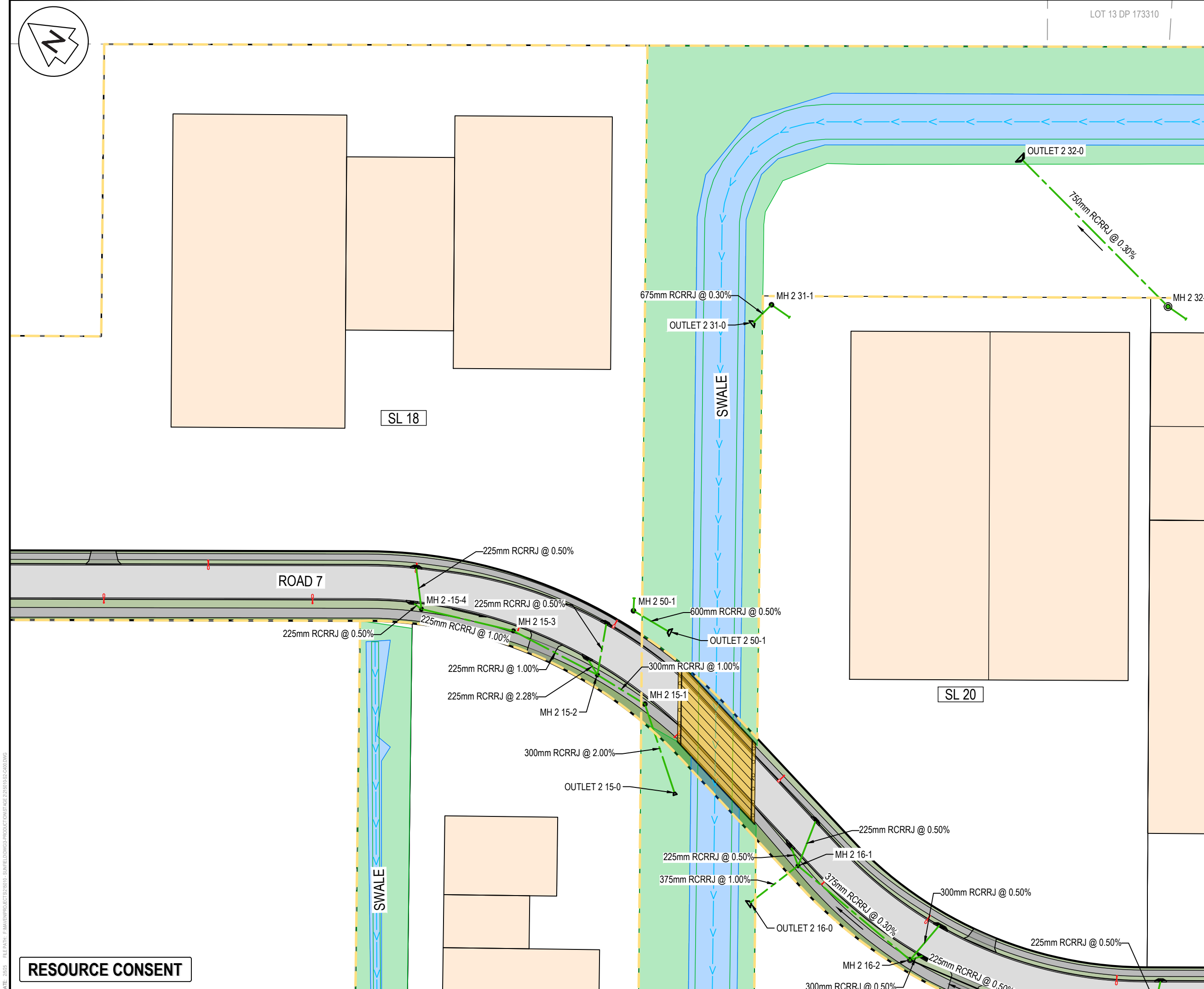
A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025



Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

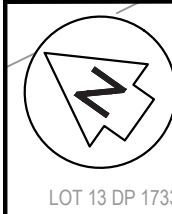
Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-2
Rev	<b>A</b>



**RESOURCE CONSENT**





LOT 12 DP 173310

LOT 11 DP 173310

LOT 10 DP 173310

LOT 9 DP 173310

LOT 8 DP 173310

LOT 7 DP 173310

LOT 6 DP 173310

LOT 5 DP 173310

LOT 4 DP 173310

LOT 3 DP 173310

LOT 2 DP 173310

LOT 1 DP 173310

HAMLIN RD

SWALE

OUTLET 11-0

2-0

750mm RCRRJ @ 0.30%

825mm RCRRJ @ 0.30%

MH 2 32-1

MH 2 11-1

225mm RCRRJ @ 0.50%

225mm RCRRJ @ 0.50%

225mm RCRRJ @ 0.50%

MH 2 10-1

MH 2 11-2

300mm RCRRJ @ 0.50%

225mm RCRRJ @ 0.50%

525mm RCRRJ @ 0.30%

MH 2 10-2

MH 2 11-3

SL 2 225mm RCRRJ @ 0.50%

225mm RCRRJ @ 0.50%

SL 20

225mm RCRRJ @ 0.50%

525mm RCRRJ @ 0.30%

MH 2 10-3

MH 2 11-4

225mm RCRRJ @ 0.50%

225mm RCRRJ @ 0.50%

225mm RCRRJ @ 0.50%

MH 2 23-8

MH 2 24-7

HAMLIN ROAD

225mm RCRRJ @ 1.50%

225mm RCRRJ @ 1.30%

225mm RCRRJ @ 0.50%

MH 2 23-7

225mm RCRRJ @ 0.50%

MH 2 24-6

300mm RCRRJ @ 0.50%

300mm RCRRJ @ 0.50%

RESOURCE CONSENT

- NOTES
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LEGEND

- EX BDY  
PR BDY  
SUPER LOT BDY  
EX STORMWATER  
PR STORMWATER  
EX/PR SWMH  
PR SWCP SINGLE  
PR SWCP DOUBLE  
PR LOT CONNECTION  
PR SW SWALE  
PR SWALE (2YR FLOOD RL)

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025

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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-3
Rev	<b>A</b>



AIRFIELD ROAD

LOT 1 BLK XV DP 22141

LOT 5 BLK XV DP 20982

750mm RCRRJ @ 0.30%

MH 2 7-1

OUTLET 2 7-0

OUTLET 2 8-0

MH 2 8-1

750mm RCRRJ @ 0.30%

2,500 x 1,000 mm Conc Box Culvert @ 1.46%

0 mm Conc Box Culvert @ 1.46%

SL 19

SL 19

RESOURCE CONSENT

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LEGEND

	EX BDY
	PR BDY
	SUPER LOT BDY
	EX STORMWATER
	PR STORMWATER
	EX/PR SWMH
	PR SWCP SINGLE
	PR SWCP DOUBLE
	PR LOT CONNECTION
	PR SW SWALE
	PR SWALE (2YR FLOOD RL)

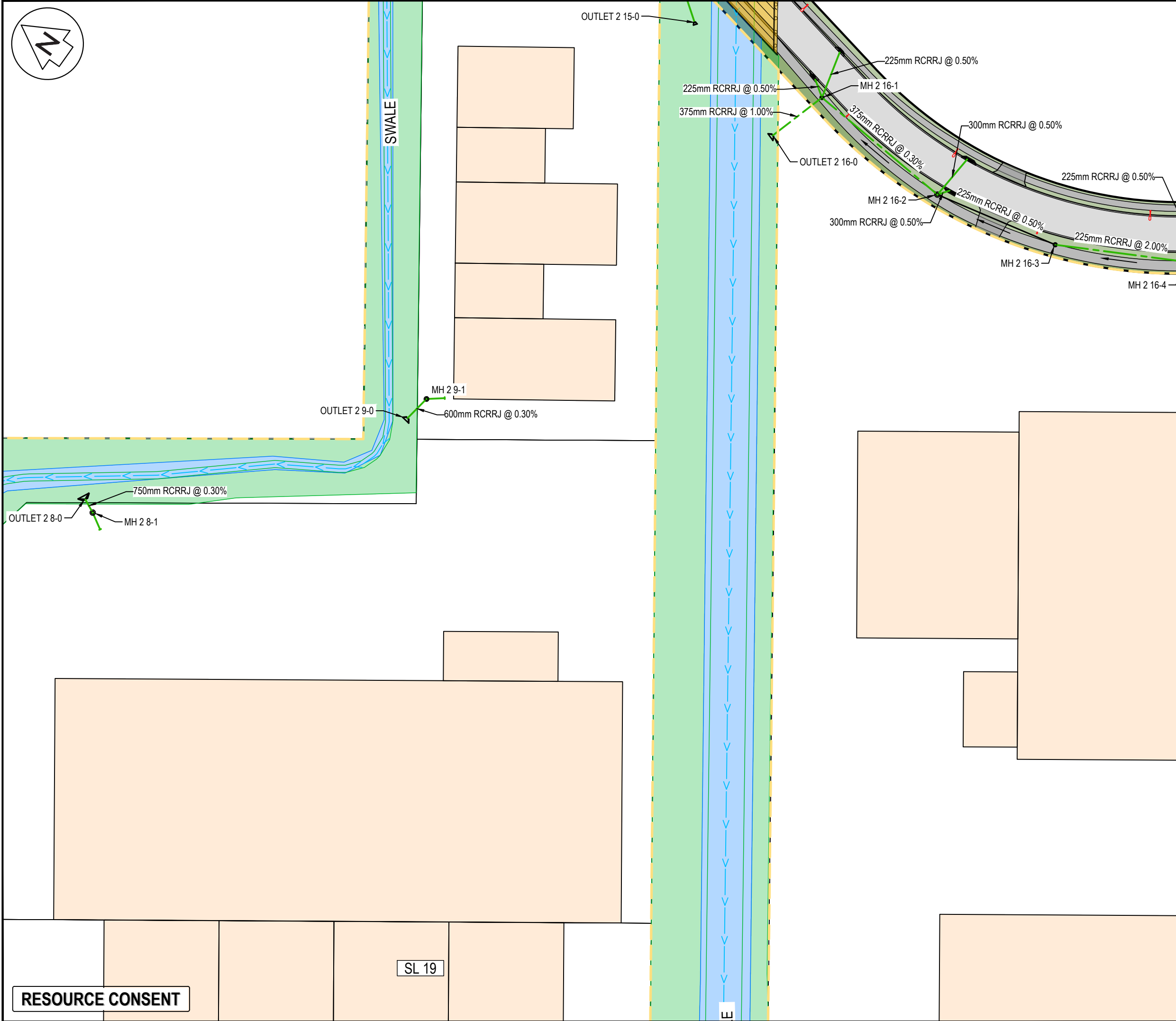
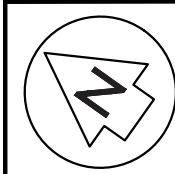
A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025

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**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-4
Rev	<b>A</b>



- NOTES
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LEGEND

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---	PR BDY
---	SUPER LOT BDY
---	EX STORMWATER
---	PR STORMWATER
○	EX/PR SWMH
■	PR SWCP SINGLE
■	PR SWCP DOUBLE
---	PR LOT CONNECTION
---	PR SW SWALE
---	PR SWALE (2YR FLOOD RL)

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH RLK	01/2025	
Drawn	RH RLK	01/2025	
Checked	JP/LC	02/2025	

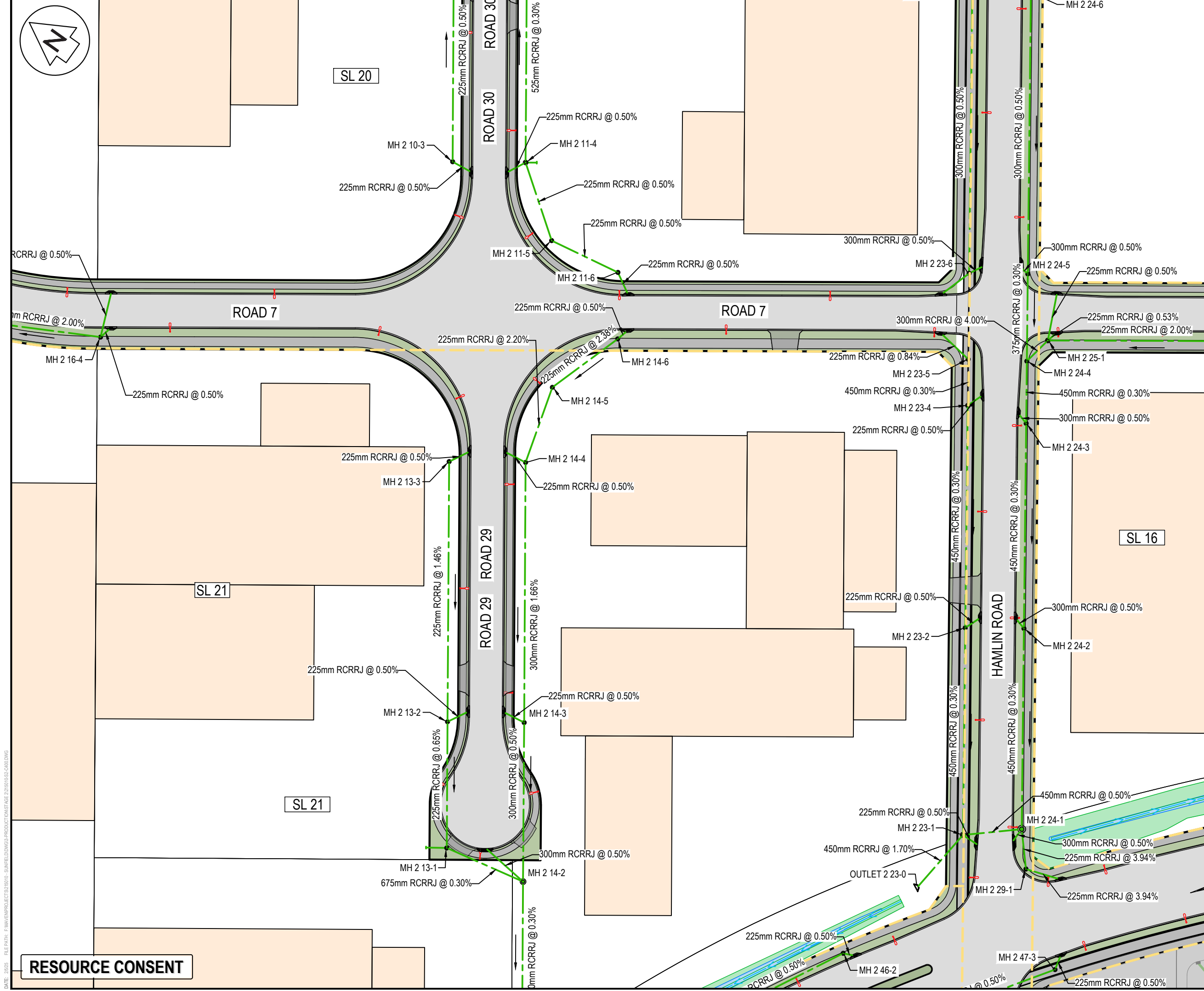
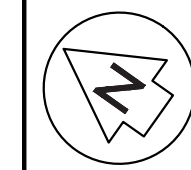
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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-5
Rev	A





- NOTES
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	PR BDY
	SUPER LOT BDY
	EX STORMWATER
	PR STORMWATER
	EX/PR SWMH
	PR SWCP SINGLE
	PR SWCP DOUBLE
	PR LOT CONNECTION
	PR SW SWALE
	PR SWALE (2YR FLOOD RL)

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
		By	Date
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025



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Project  
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ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
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Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-6
Rev	<b>A</b>

DATE: 25/03 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\STAGE 2\215010-S2-C400.DWG



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
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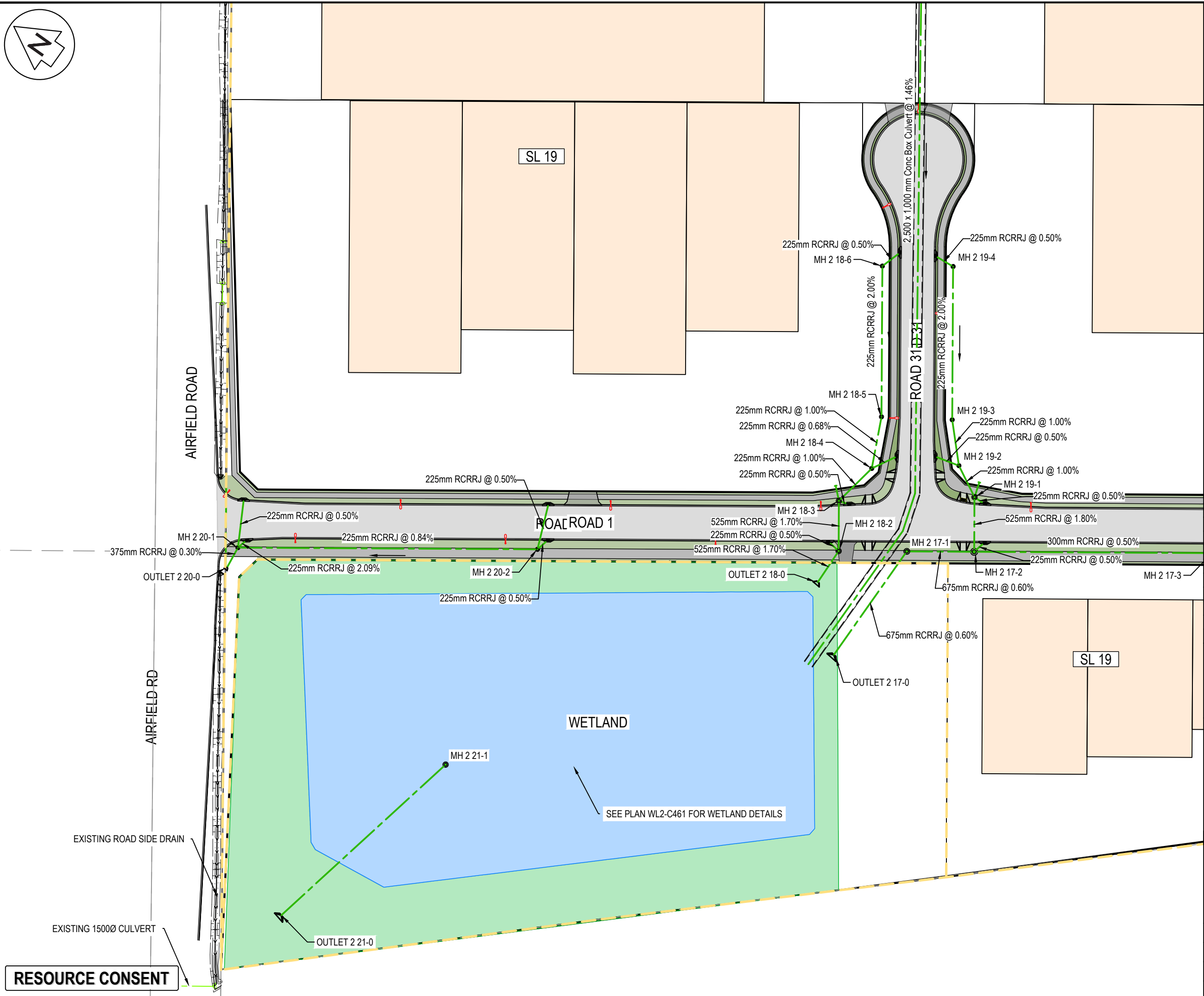
Rev	Description	By	Date
A	RESOURCE CONSENT	RLK	02/2025
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025

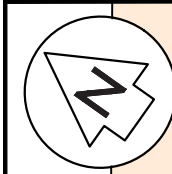


Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-7
Rev	<b>A</b>





RCRRJ @ 0.50%

SL 19

SWALE

SL 21

mm RCRRJ @ 1.00%

m RCRRJ @ 0.50%

2

5mm RCRRJ @ 1.00%

MH 2 19-1

225mm RCRRJ @ 0.50%

525mm RCRRJ @ 1.80%

300mm RCRRJ @ 0.50%

225mm RCRRJ @ 0.50%

2 17-2

@ 0.60%

MH 2 17-3

225mm RCRRJ @ 0.50%

MH 2 17-4

225mm RCRRJ @ 0.50%

SL 19

ROAD 1

SWALE

SL 9

SL 9

ROAD 28

825mm RCRRJ @ 0.30%

MH 2 33-1

300mm RCRRJ @ 0.50%

750mm RCRRJ @ 0.30%

MH 2 12-1

OUTLET 2 33-0

OUTLET 2 27-0

OUTLET 2 12-0

MH 2 27-2

450mm RCRRJ @ 0.30%

MH 2 27-1

225mm RCRRJ @ 0.50%

225mm RCRRJ @ 0.50%

300mm RCRRJ @ 0.50%

MH 2 28-1

225mm RCRRJ @ 0.50%

MH 2 28-2

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---	PR STORMWATER
---	EX/PR SWMH
---	PR SWCP SINGLE
---	PR SWCP DOUBLE
---	PR LOT CONNECTION
---	PR SW SWALE
---	PR SWALE (2YR FLOOD RL)

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	Survey	SURVEYWORX	02/2021
	Design	RH RLK	01/2025
	Drawn	RH RLK	01/2025
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Project  
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ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
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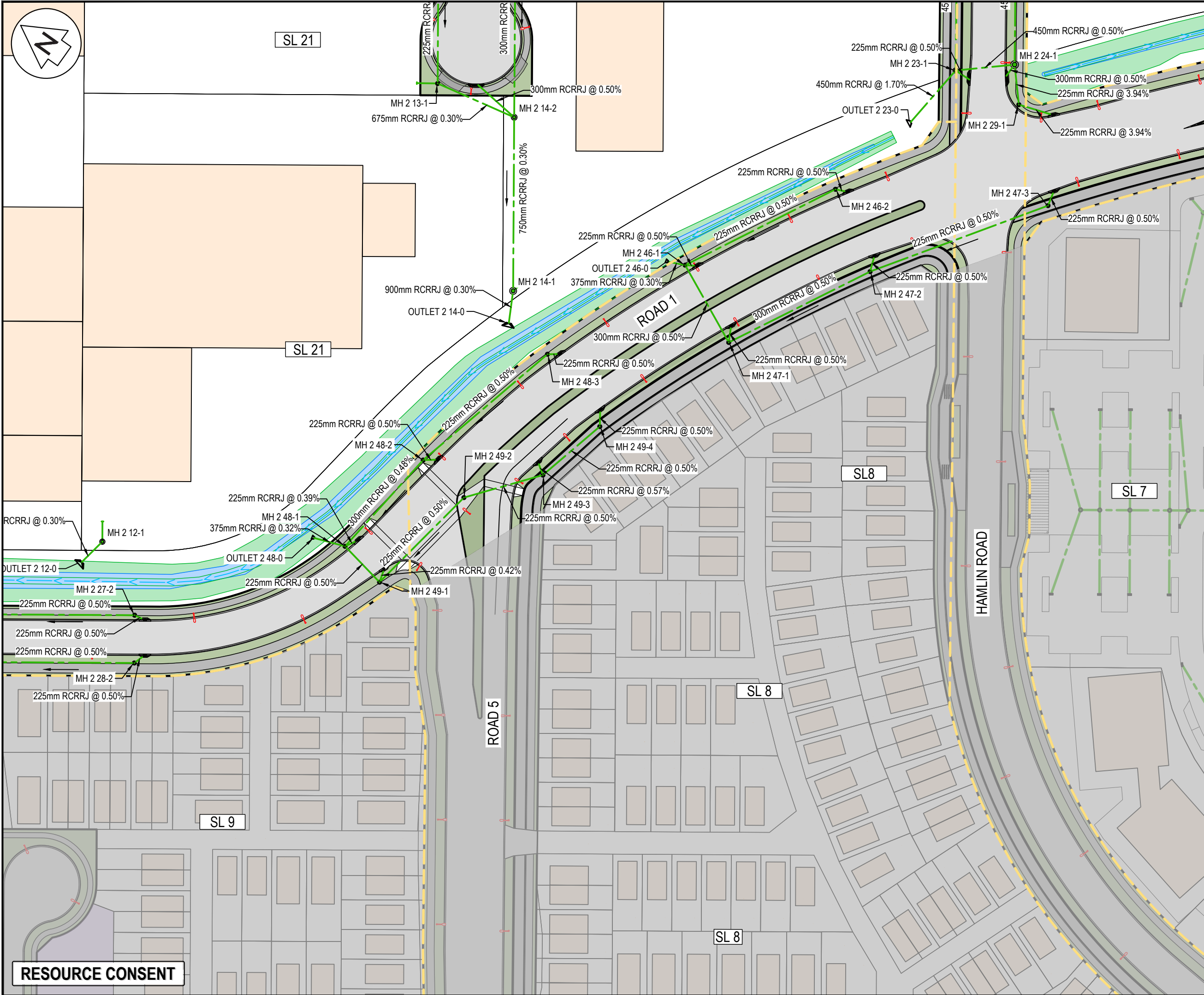
Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-8
Rev	<b>A</b>

RESOURCE CONSENT

DATE: 25/03 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\STAGE 2\215010-S2-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 NZVD 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 INDUSTRIAL LOT CONNECTIONS TO SIZED FOR INDIVIDUAL LOTS. MINIMUM 150mm.

LEGEND

---	EX BDY
---	PR BDY
---	SUPER LOT BDY
---	EX STORMWATER
---	PR STORMWATER
○	EX/PR SWMH
○	PR SWCP SINGLE
○	PR SWCP DOUBLE
---	PR LOT CONNECTION
---	PR SW SWALE
---	PR SWALE (2YR FLOOD RL)

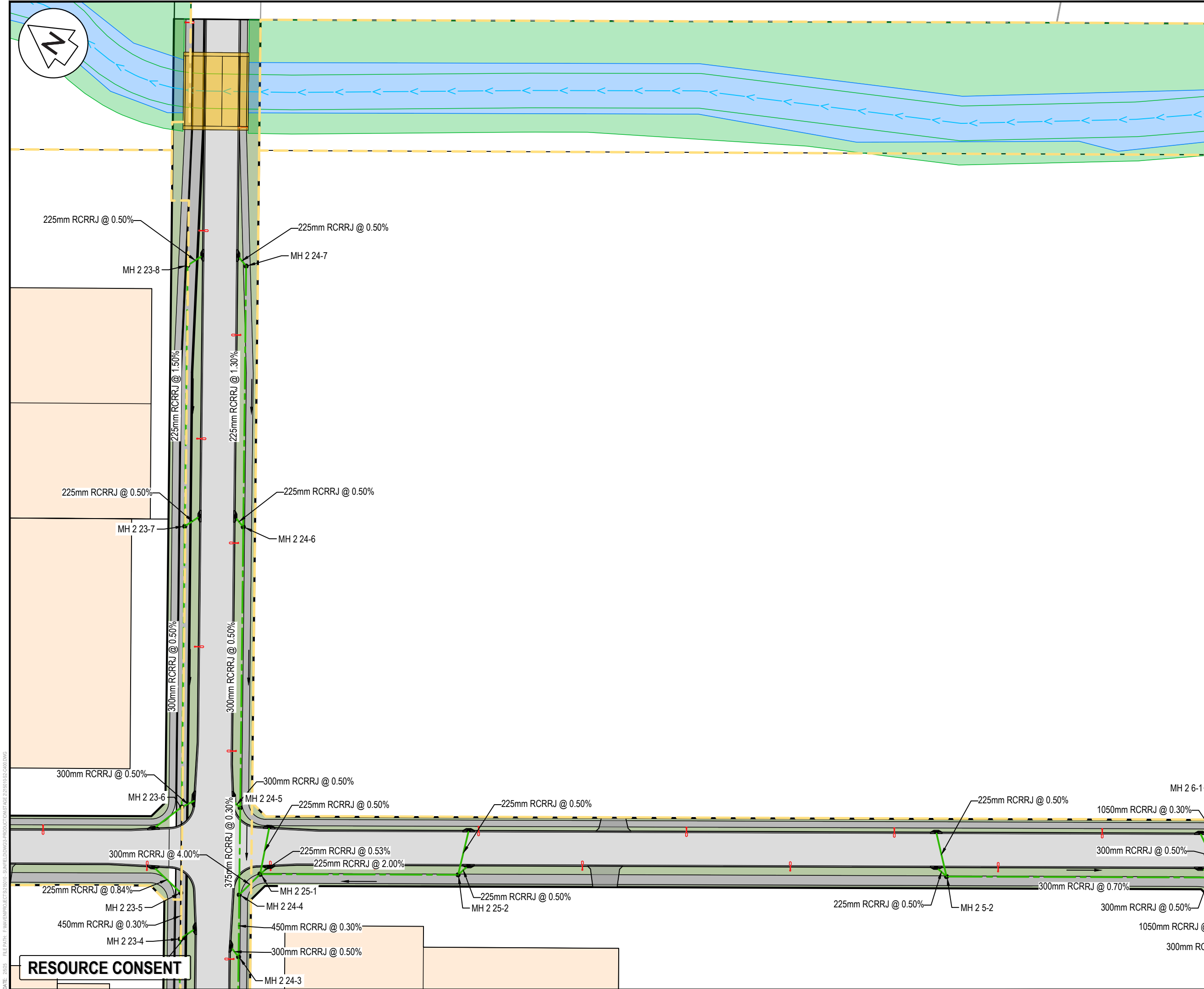
A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
		By	Date
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025

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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-9
Rev	<b>A</b>



NOTES

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

---	EX BDY
---	PR BDY
---	SUPER LOT BDY
---	EX STORMWATER
---	PR STORMWATER
○	EX/PR SWMH
■	PR SWCP SINGLE
■	PR SWCP DOUBLE
→	PR LOT CONNECTION
■	PR SW SWALE
■	PR SWALE (2YR FLOOD RL)

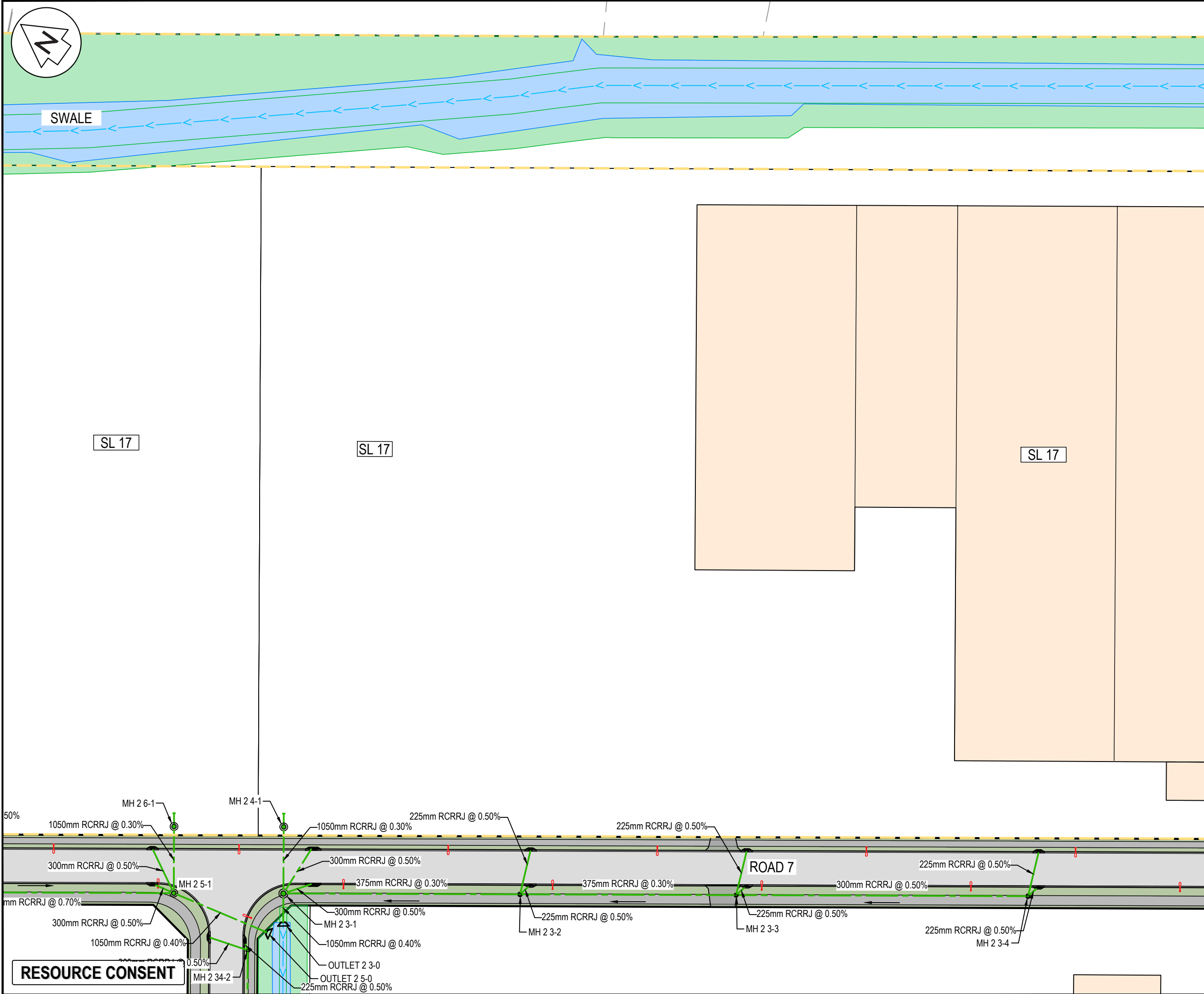
A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH RLK	01/2025	
Drawn	RH RLK	01/2025	
Checked	JP/LC	02/2025	

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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C400.DWG		
Drawing no.	S2-C400-10	Rev	<b>A</b>



NOTES

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LEGEND

	EX BDY
	PR BDY
	SUPER LOT BDY
	EX STORMWATER
	PR STORMWATER
	EX/PR SWMH
	PR SWCP SINGLE
	PR SWCP DOUBLE
	PR LOT CONNECTION
	PR SW SWALE
	PR SWALE (2YR FLOOD RL)

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
		By	Date
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025

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Project

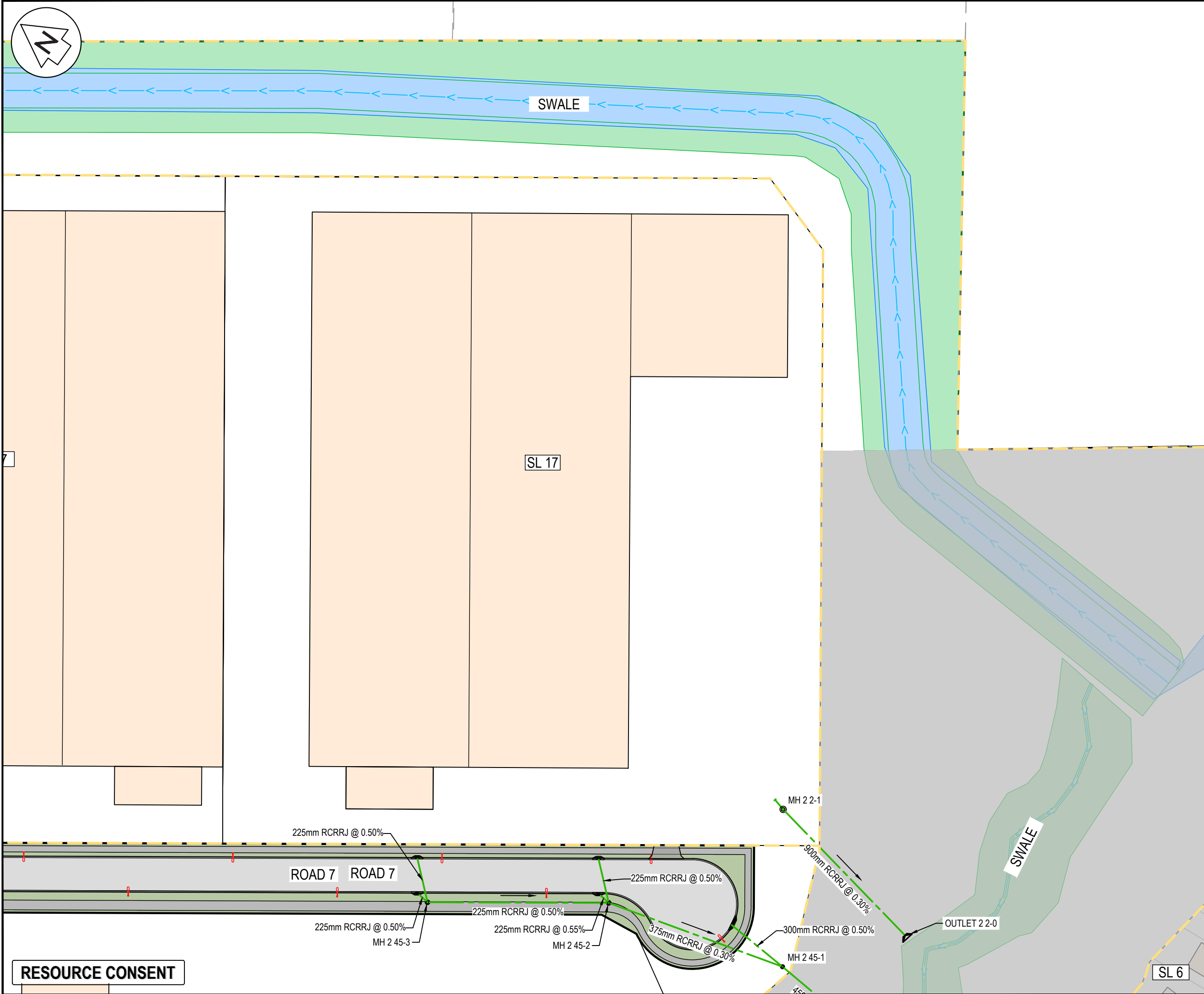
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title

**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C400.DWG		
Drawing no.	S2-C400-11	Rev	<b>A</b>





NOTES

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LEGEND

	EX BDY
	PR BDY
	SUPER LOT BDY
	EX STORMWATER
	PR STORMWATER
	EX/PR SWMH
	PR SWCP SINGLE
	PR SWCP DOUBLE
	PR LOT CONNECTION
	PR SW SWALE
	PR SWALE (2YR FLOOD RL)

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
		By	Date
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025

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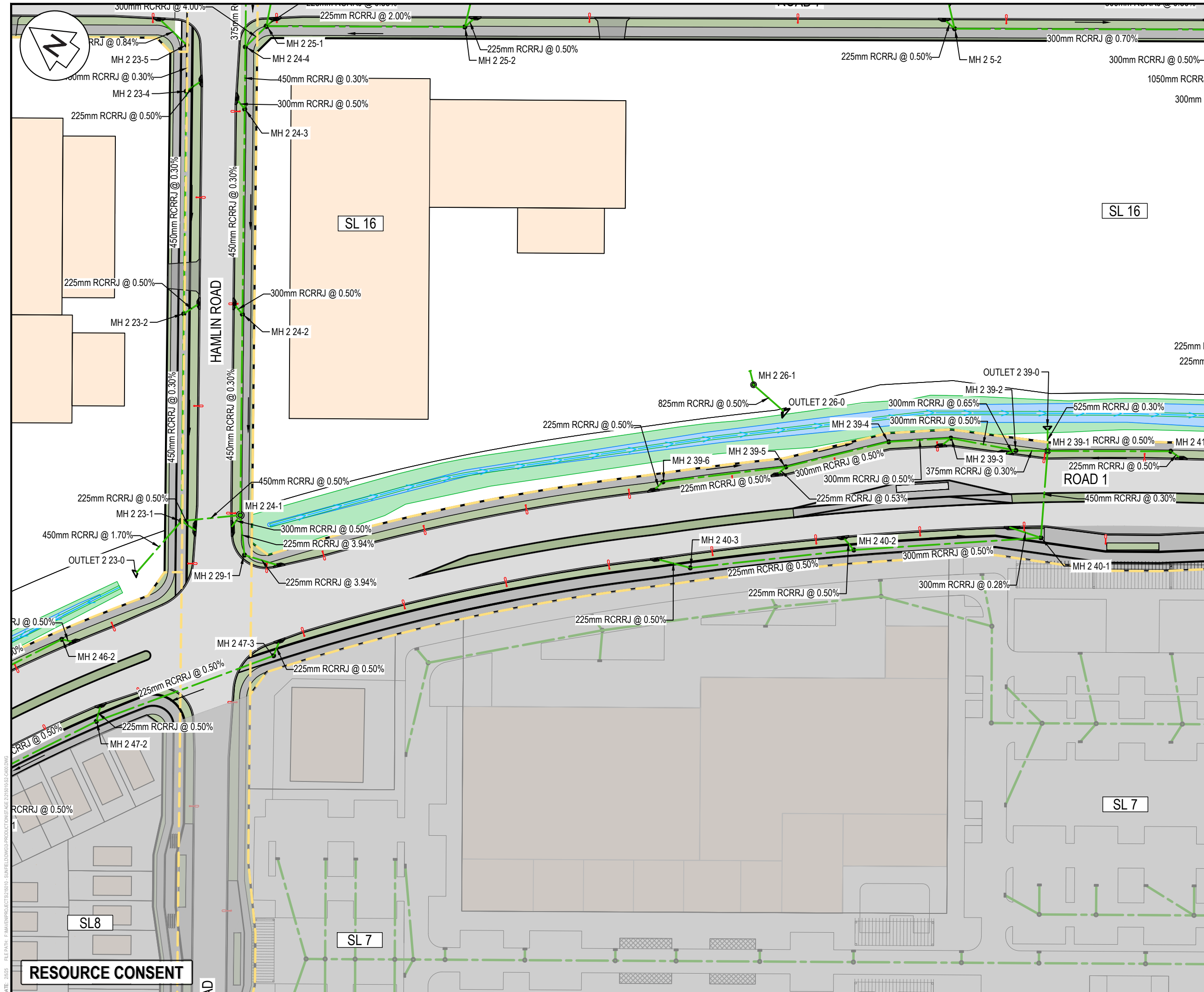
Project

**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title

**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C400.DWG		
Drawing no.	S2-C400-12	Rev	<b>A</b>



NOTES

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LEGEND

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---	PR BDY
---	SUPER LOT BDY
---	EX STORMWATER
---	PR STORMWATER
○	EX/PR SWMH
⊞	PR SWCP SINGLE
⊞	PR SWCP DOUBLE
---	PR LOT CONNECTION
---	PR SW SWALE
---	PR SWALE (2YR FLOOD RL)

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	Survey	SURVEYWORX	02/2021
	Design	RH RLK	01/2025
	Drawn	RH RLK	01/2025
	Checked	JP/LC	02/2025

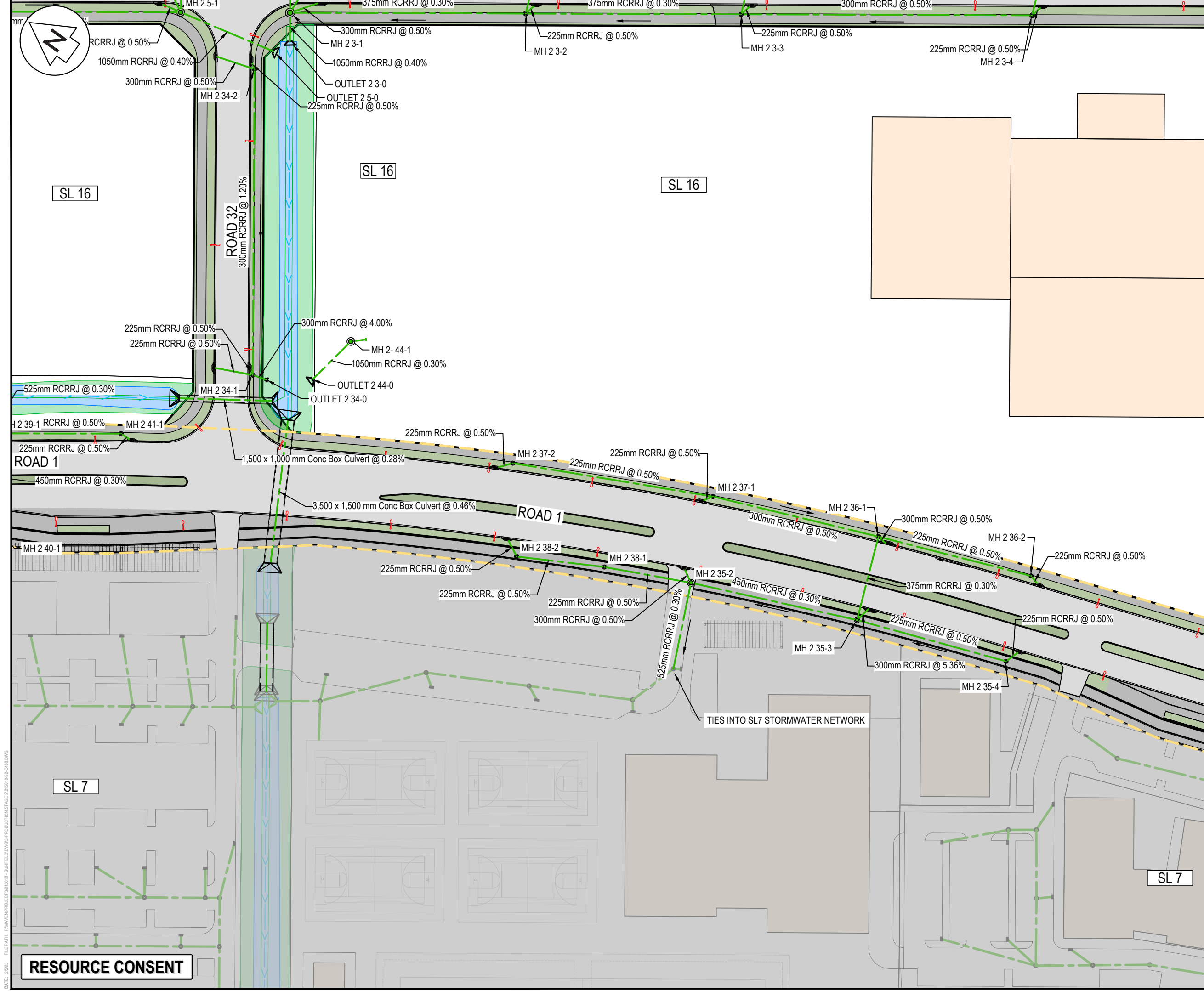
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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-13
Rev	<b>A</b>

DATE: 25/02 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\STAGE 2\215010-S2-C400.DWG



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

	EX BDY
	PR BDY
	SUPER LOT BDY
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	PR STORMWATER
	EX/PR SWMH
	PR SWCP SINGLE
	PR SWCP DOUBLE
	PR LOT CONNECTION
	PR SW SWALE
	PR SWALE (2YR FLOOD RL)

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
		By	Date
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025



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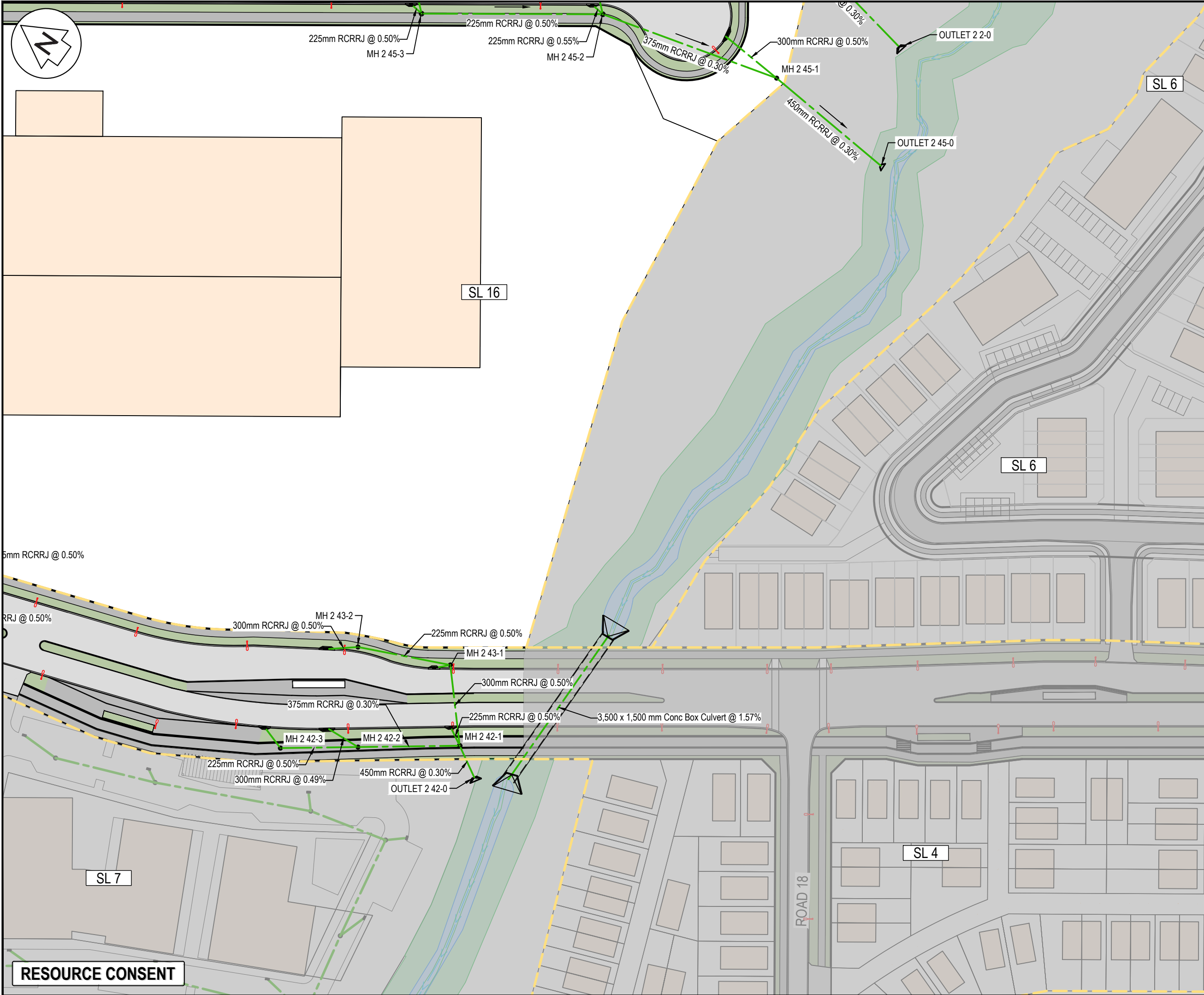
Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C400.DWG
Drawing no.	S2-C400-14
Rev	<b>A</b>

DATE: 25/03 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\STAGE 2\215010-S2-C400.DWG





NOTES

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LEGEND

EX BDY	PR BDY	SUPER LOT BDY	EX STORMWATER	PR STORMWATER	EX/PR SWMH	PR SWCP SINGLE	PR SWCP DOUBLE	PR LOT CONNECTION	PR SW SWALE	PR SWALE (2YR FLOOD RL)
--------	--------	---------------	---------------	---------------	------------	----------------	----------------	-------------------	-------------	-------------------------

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
Survey	SURVEYWORX		02/2021
Design	RH RLK		01/2025
Drawn	RH RLK		01/2025
Checked	JP/LC		02/2025

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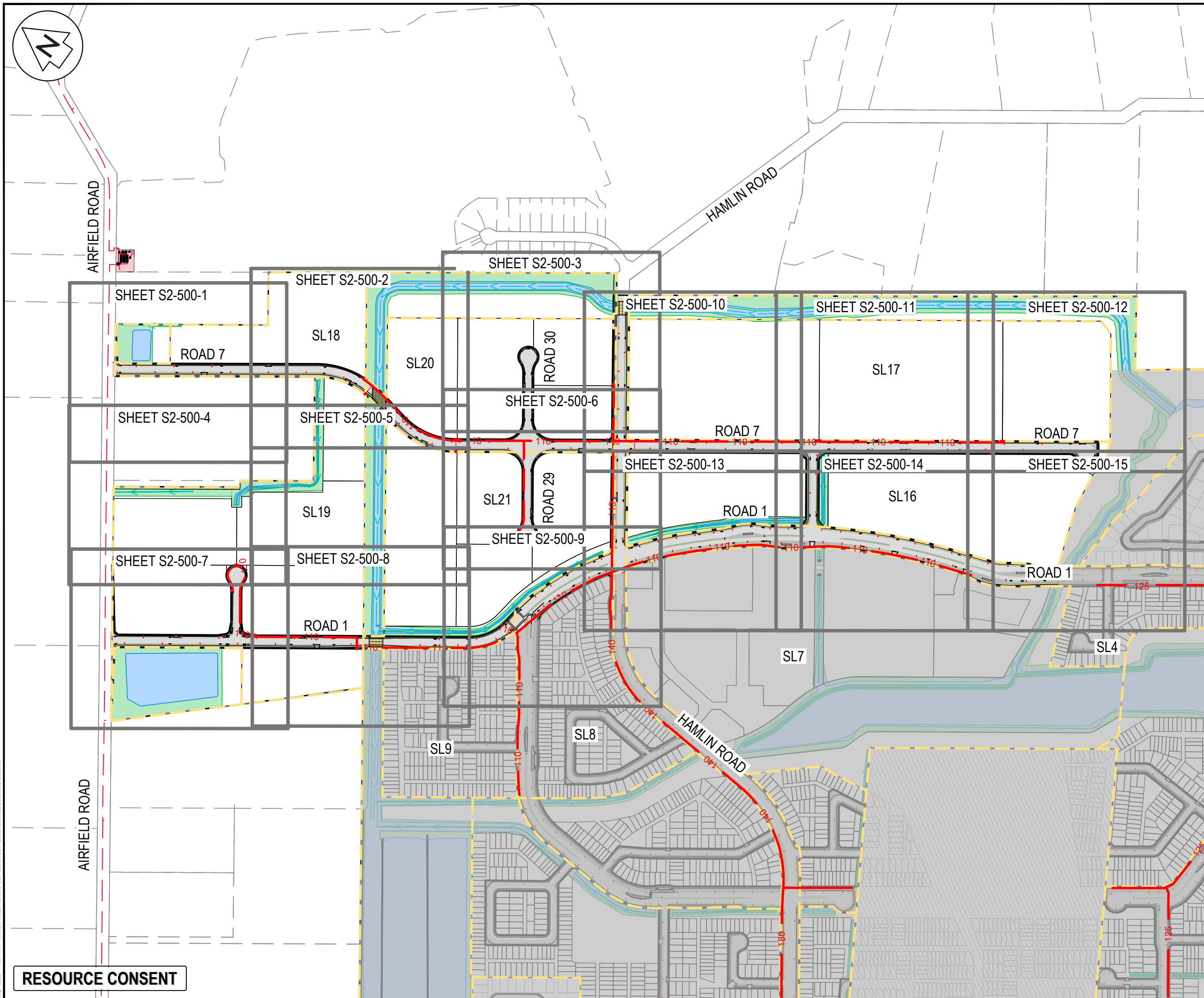
Project

**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title

**PROPOSED  
STORMWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C400.DWG		
Drawing no.	S2-C400-15	Rev	<b>A</b>



- 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 SHAPE 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
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**LEGEND**

- EXISTING BDY
- PROPOSED BDY
- EX WASTEWATER
- PR WASTEWATER PRIV
- PR WASTEWATER
- 110 110 PR WASTEWATER BULK
- 125 125 MAIN (LPS)
- 160 160
- ⊠ PR BDY KIT - SINGLE
- ⊠ PR BDY KIT - DOUBLE
- SUPER LOT BDY

A	RESOURCE CONSENT	RLK	07/02/25
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH, RLK	01/2025	
Drawn	RH,RLK	01/2025	
Checked	JP/LC	02/2025	



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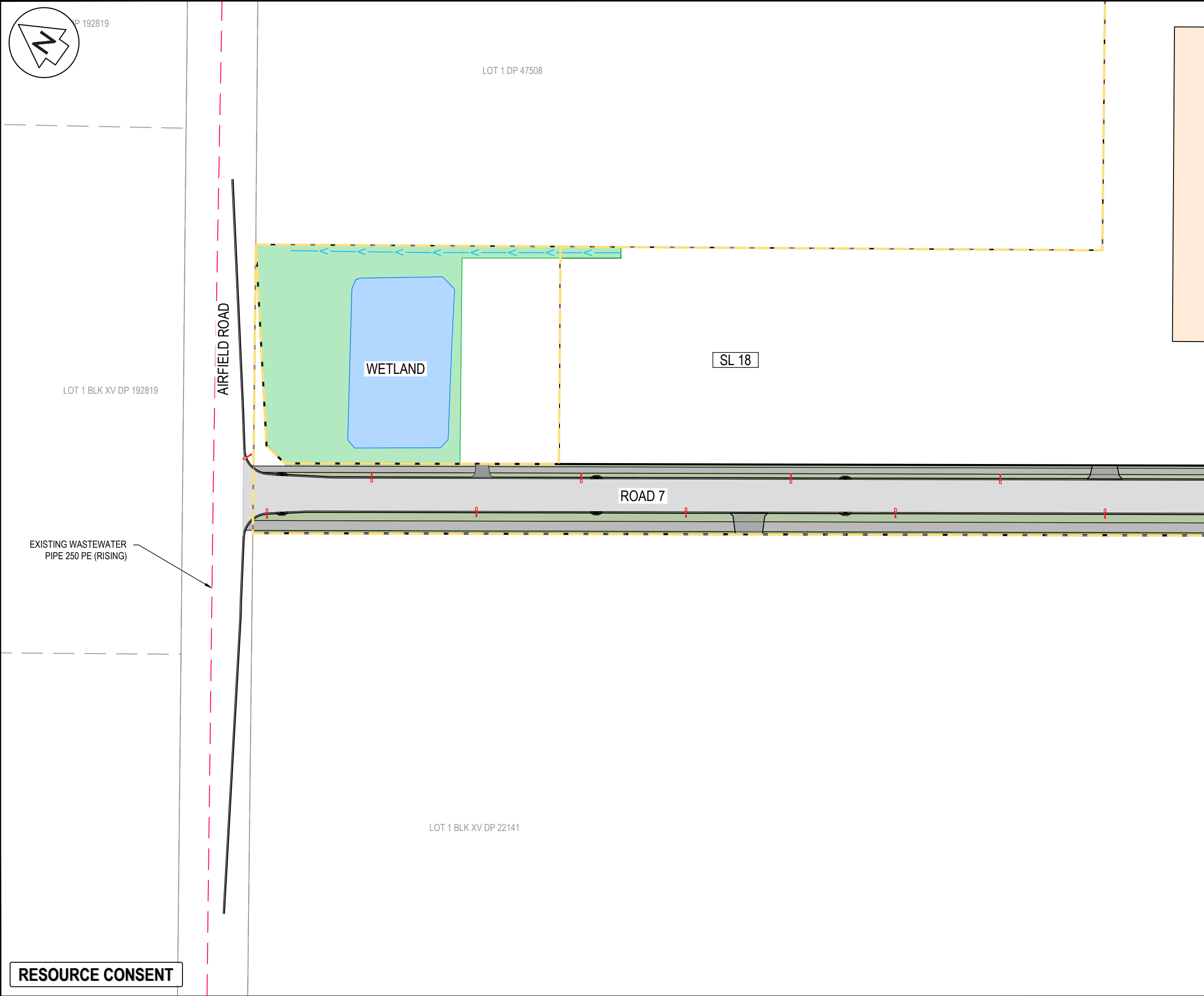
Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title

**PROPOSED  
WASTEWATER OVERVIEW  
PLAN**

Project no.	215010		
Scale	NTS		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-500-0	Rev	<b>A</b>

## RESOURCE CONSENT



WASTEWATER NOTES

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LEGEND

---	---	EXISTING BDY
---	---	PROPOSED BDY
---	---	EX WASTEWATER
---	---	PR WASTEWATER PRIV
---	---	PR WASTEWATER
---	---	PR WASTEWATER BULK MAIN (LPS)
---	---	PR BDY KIT - SINGLE
---	---	PR BDY KIT - DOUBLE
---	---	SUPER LOT BDY

A	RESOURCE CONSENT	RLK	07/02/25
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH, RLK	01/2025	
Drawn	RH,RLK	01/2025	
Checked	JP/LC	02/2025	

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Project

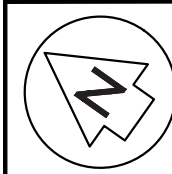
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title

**PROPOSED  
WASTEWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-1	Rev	<b>A</b>





SL 18

ROAD 7

PROPERTY CONNECTION /  
BOUNDARY KIT

PROPERTY CONNECTION /  
BOUNDARY KIT

SWALE

SL 20

ROAD 7

DN110 SDR11 PN16  
BULK MAIN (LPS)

PROPERTY CONNECTION /  
BOUNDARY KIT

PROPERTY CONNECTION /  
BOUNDARY KIT

SWALE

SWALE

- WASTEWATER NOTES
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		PROPOSED BDY
		EX WASTEWATER
		PR WASTEWATER PRIV
		PR WASTEWATER
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		PR BDY KIT - SINGLE
		PR BDY KIT - DOUBLE
		SUPER LOT BDY

A	RESOURCE CONSENT	RLK	07/02/25
Rev	Description	By	Date
Survey	SURVEYWORX		02/2021
Design	RH, RLK		01/2025
Drawn	RH,RLK		01/2025
Checked	JP/LC		02/2025



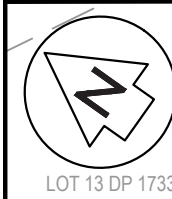
**Maven Associates**  
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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WASTEWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-2	Rev	A

RESOURCE CONSENT



LOT 13 DP 173310

LOT 12 DP 173310

LOT 11 DP 173310

LOT 10 DP 173310

LOT 9 DP 173310

LOT 8 DP 173310

LOT 7 DP 173310

LOT 6 DP 173310

LOT 5 DP 173310

LOT 4 DP 173310

LOT 3 DP 173310

LOT 2 DP 173310

LOT 1 DP 173310

SWALE

SL 20

ROAD 30

HAMLIN ROAD

PROPERTY CONNECTION  
/ BOUNDARY KIT

DN110 SDR11 PN16  
BULK MAIN ( LPS )

RESOURCE CONSENT

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		EX WASTEWATER
		PR WASTEWATER PRIV
		PR WASTEWATER
		PR WASTEWATER BULK MAIN (LPS)
		PR BDY KIT - SINGLE
		PR BDY KIT - DOUBLE
		SUPER LOT BDY

A	RESOURCE CONSENT	RLK	07/02/25
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
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Drawn	RH,RLK	01/2025	
Checked	JP/LC	02/2025	

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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WASTEWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-3	Rev	<b>A</b>



LOT 5 BLK XV DP 20982

SL 19

DN110 SDR11 PN16  
BULK MAIN ( LPS )

SL 19

## RESOURCE CONSENT

- LEGEND**
- EXISTING BDY
  - PROPOSED BDY
  - EX WASTEWATER
  - PR WASTEWATER PRIV
  - PR WASTEWATER
  - PR WASTEWATER BULK
  - 110
  - 125
  - 110
  - 125
  - 160
  - 160
  - PR WASTEWATER BULK
  - MAIN (LPS)
  - PR BDY KIT - SINGLE
  - PR BDY KIT - DOUBLE
  - SUPER LOT BDY

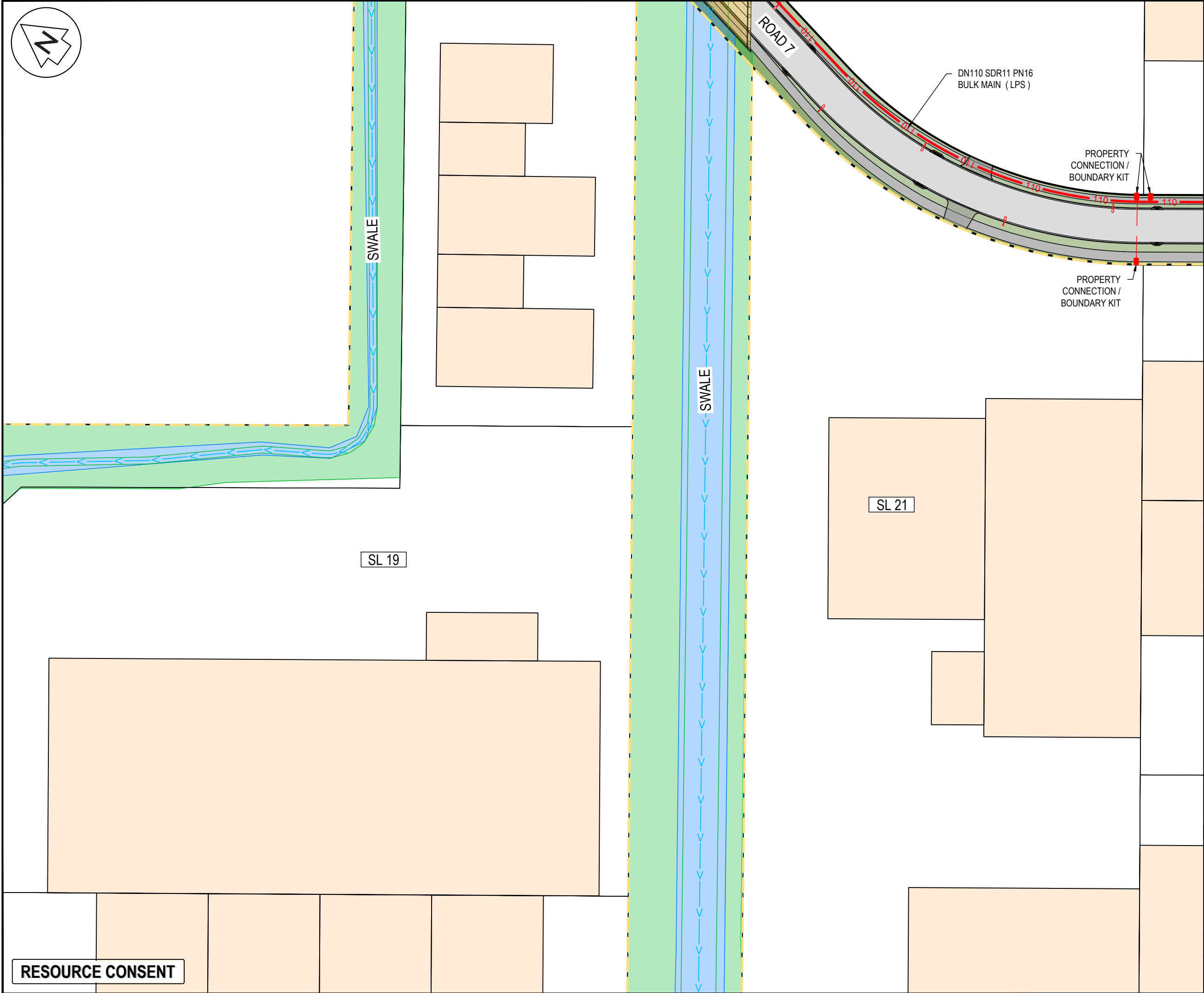
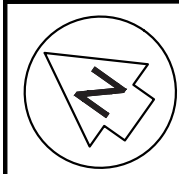
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Auckland 1023

Title

**PROPOSED  
WASTEWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-4	Rev	<b>A</b>





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		PR BDY KIT - SINGLE
		PR BDY KIT - DOUBLE
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A	RESOURCE CONSENT	RLK	07/02/25
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH, RLK	01/2025	
Drawn	RH,RLK	01/2025	
Checked	JP/LC	02/2025	



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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title PROPOSED WASTEWATER PLAN			
Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-5	Rev	A

RESOURCE CONSENT





**LEGEND**

- EXISTING BDY
- PROPOSED BDY
- EX WASTEWATER
- PR WASTEWATER PRIV
- PR WASTEWATER
- PR WASTEWATER BULK
- 110
- 125
- 160
- MAIN (LPS)
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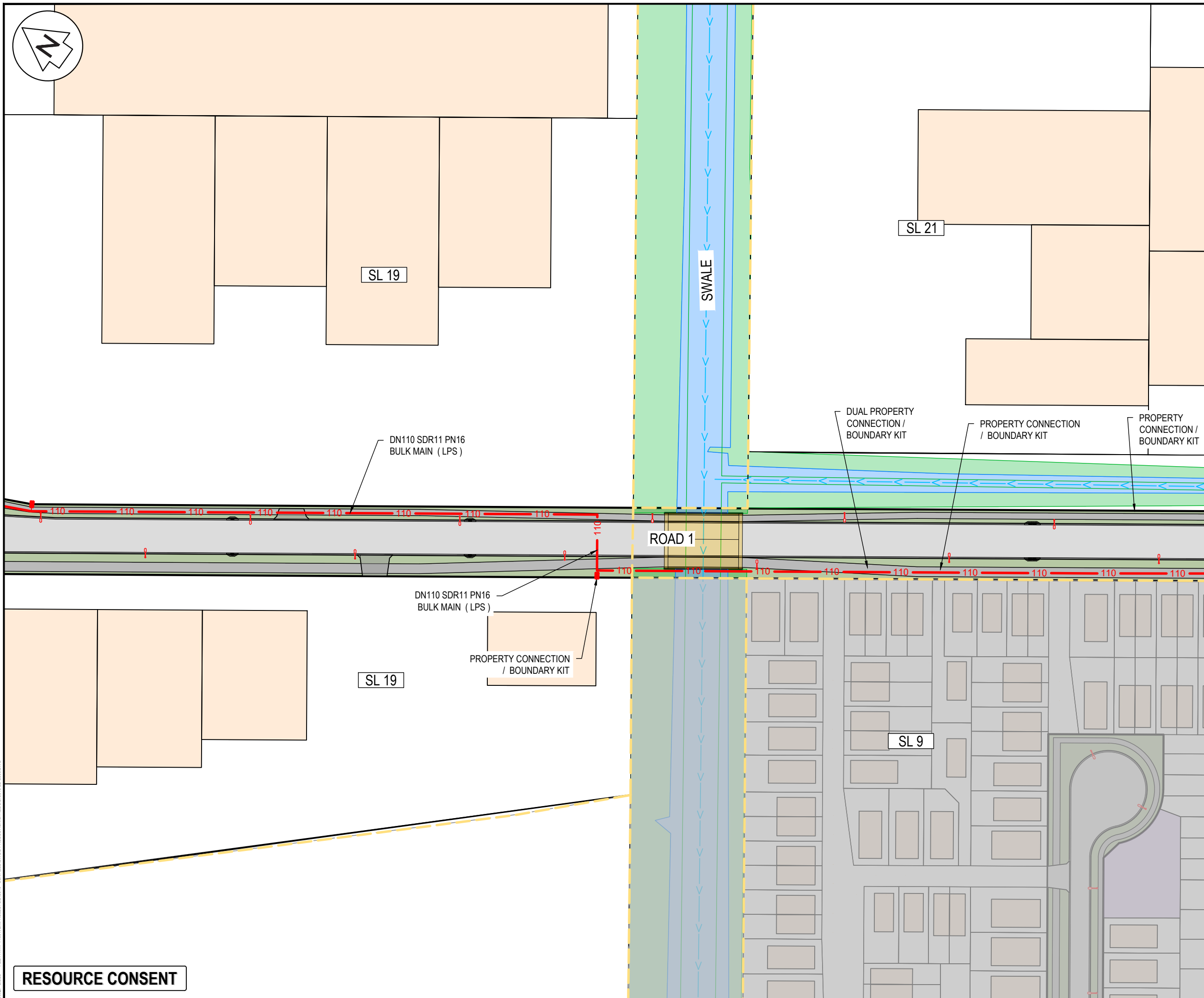
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Auckland 1023

Title

**PROPOSED  
WASTEWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-7	Rev	<b>A</b>





WASTEWATER NOTES

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A	RESOURCE CONSENT	RLK	07/02/25
Rev	Description	By	Date
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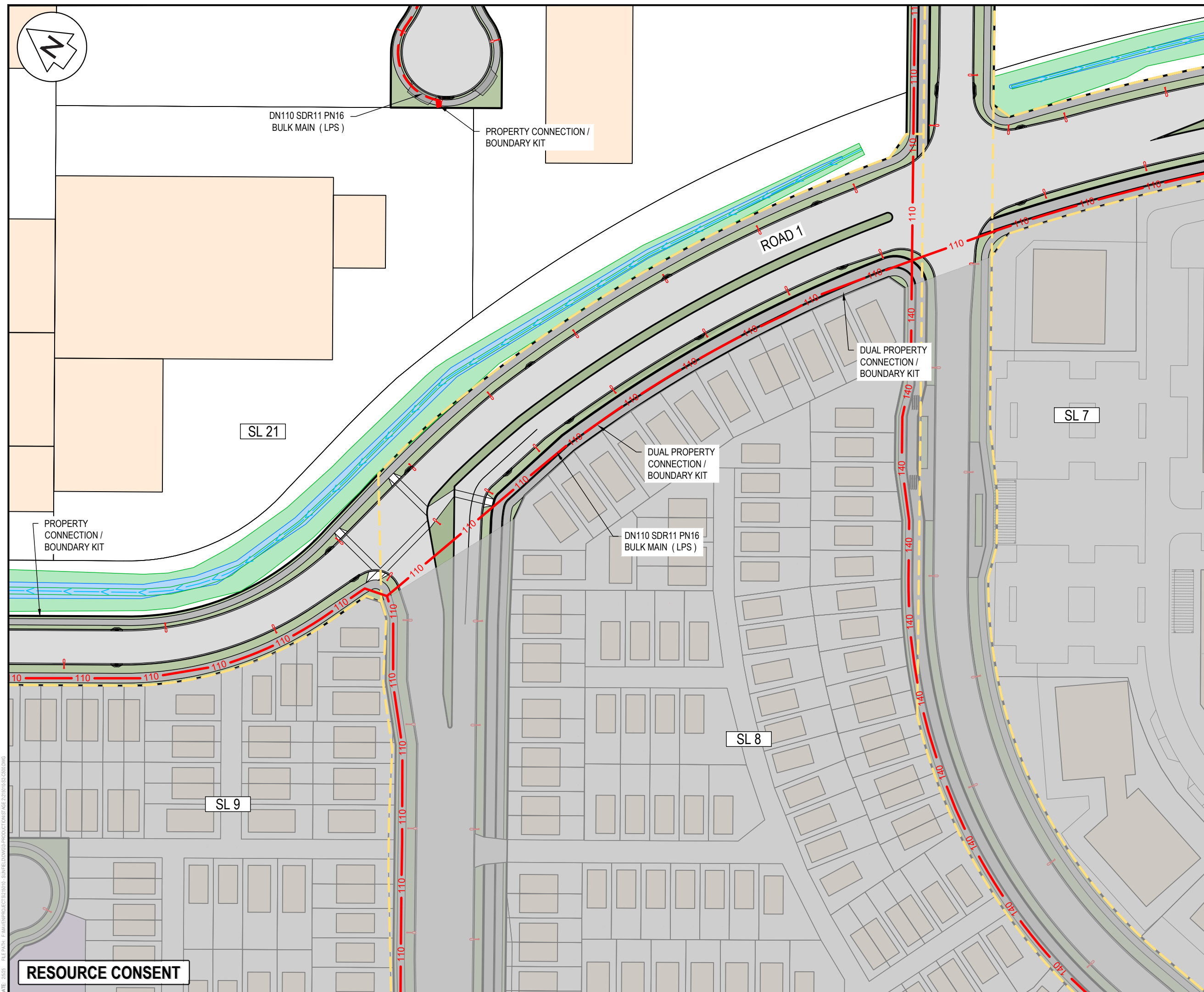
Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title

**PROPOSED  
WASTEWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-8	Rev	<b>A</b>

## RESOURCE CONSENT



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- PR WASTEWATER
- PR WASTEWATER BULK
- 110 110
- 125 125
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Rev			
A	RESOURCE CONSENT	RLK	07/02/25
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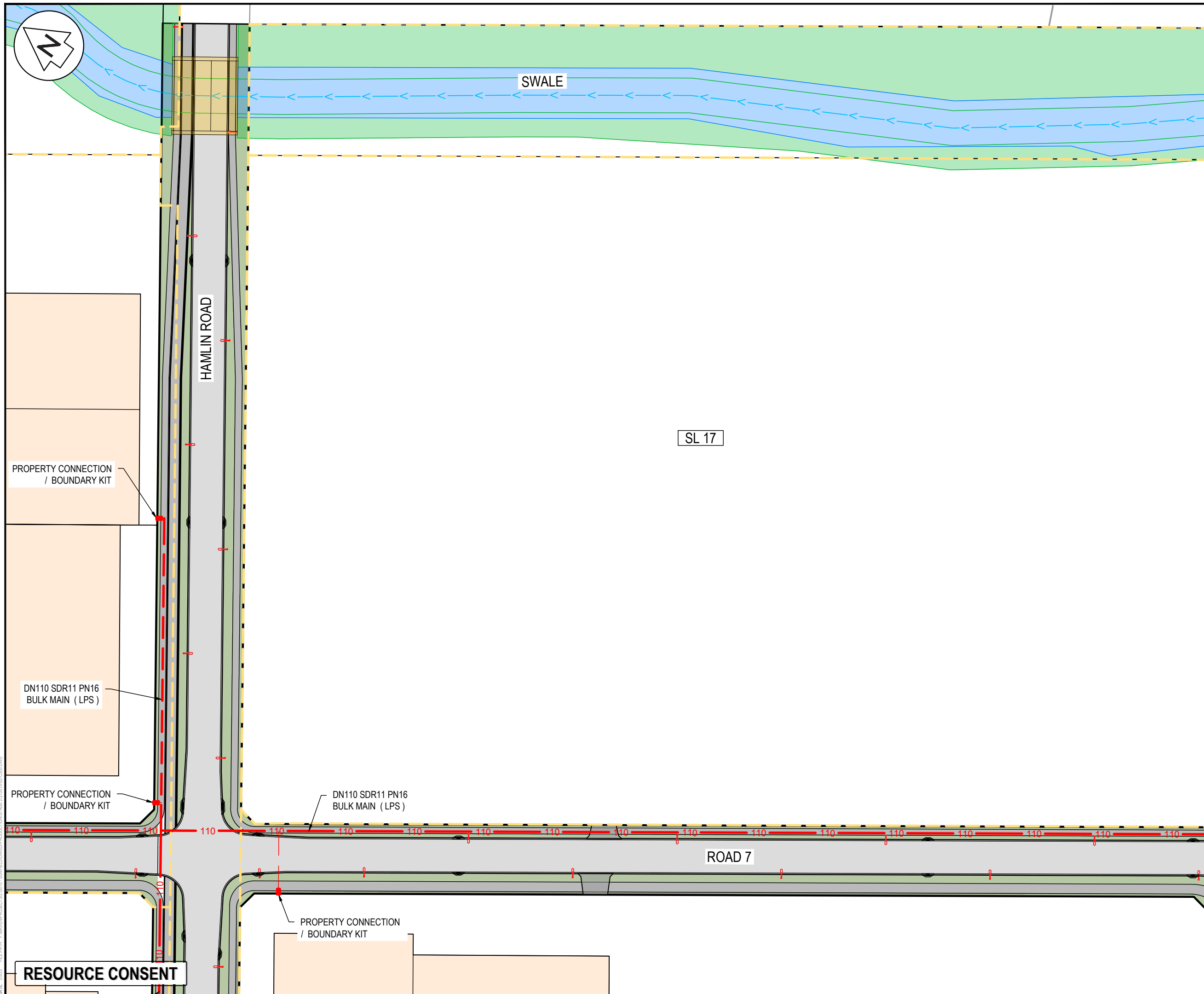


**Project**  
**SUNFIELD DEVELOPMENT**  
**ARDMORE, AUCKLAND**  
**SUPERLOTS 16-21**  
**FOR SUNFIELD**  
**DEVELOPMENTS LIMITED**

Title

**PROPOSED  
WASTEWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-9	Rev	<b>A</b>



WASTEWATER NOTES

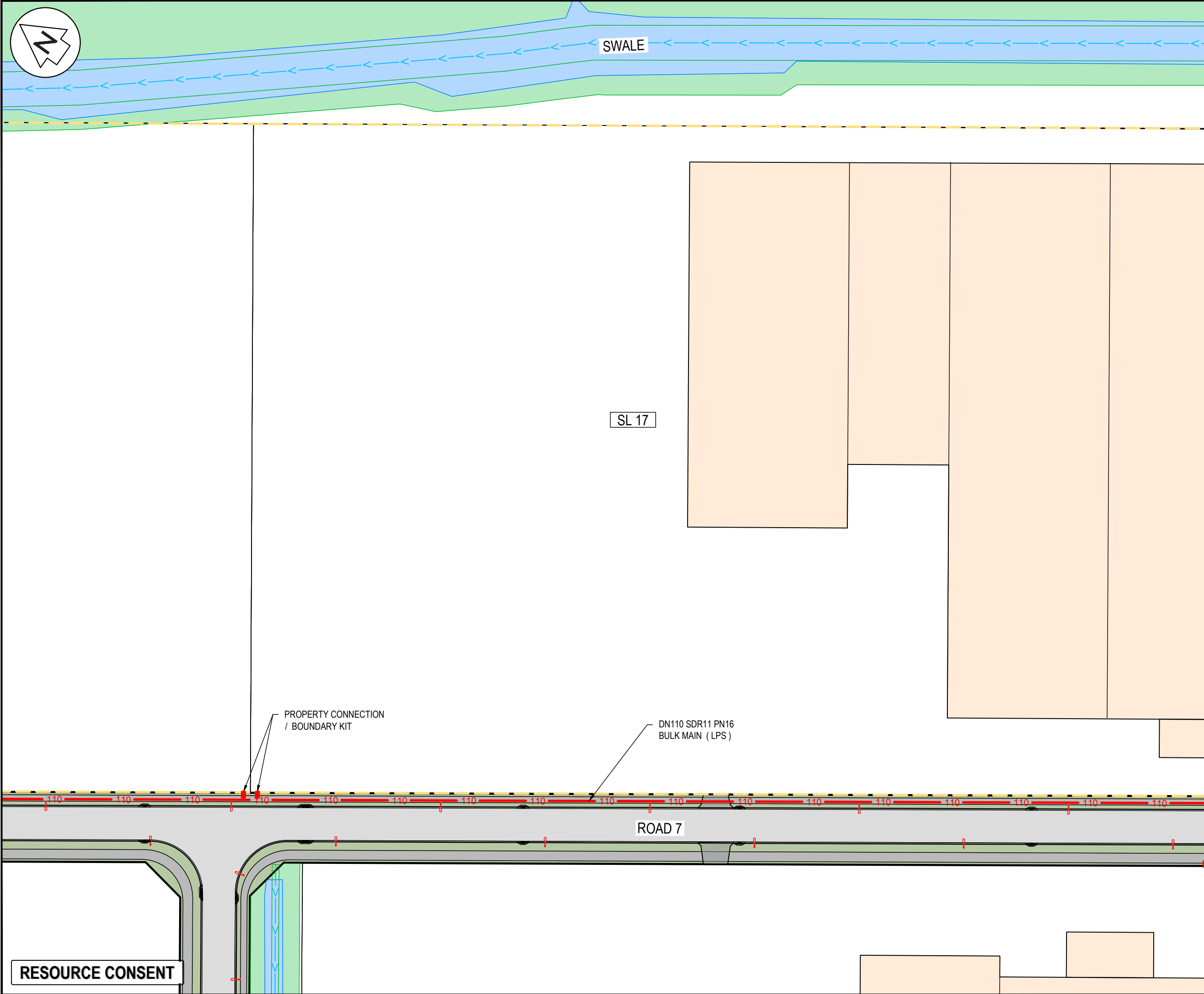
### LEGEND

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Rev	Description	By	Date
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Survey	SURVEYWORX	02/2021	
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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-10	Rev	<b>A</b>





SWALE

SL 17

ROAD 7

DN110 SDR11 PN16  
BULK MAIN ( LPS )

PROPERTY CONNECTION  
/ BOUNDARY KIT

RESOURCE CONSENT


WASTEWATER NOTES

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LEGEND

---	---	EXISTING BDY
---	---	PROPOSED BDY
---	---	EX WASTEWATER
---	---	PR WASTEWATER PRIV
---	---	PR WASTEWATER
---	---	PR WASTEWATER BULK MAIN (LPS)
---	---	PR BDY KIT - SINGLE
---	---	PR BDY KIT - DOUBLE
---	---	SUPER LOT BDY

A	RESOURCE CONSENT	RLK	07/02/25
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH, RLK	01/2025	
Drawn	RH,RLK	01/2025	
Checked	JP/LC	02/2025	

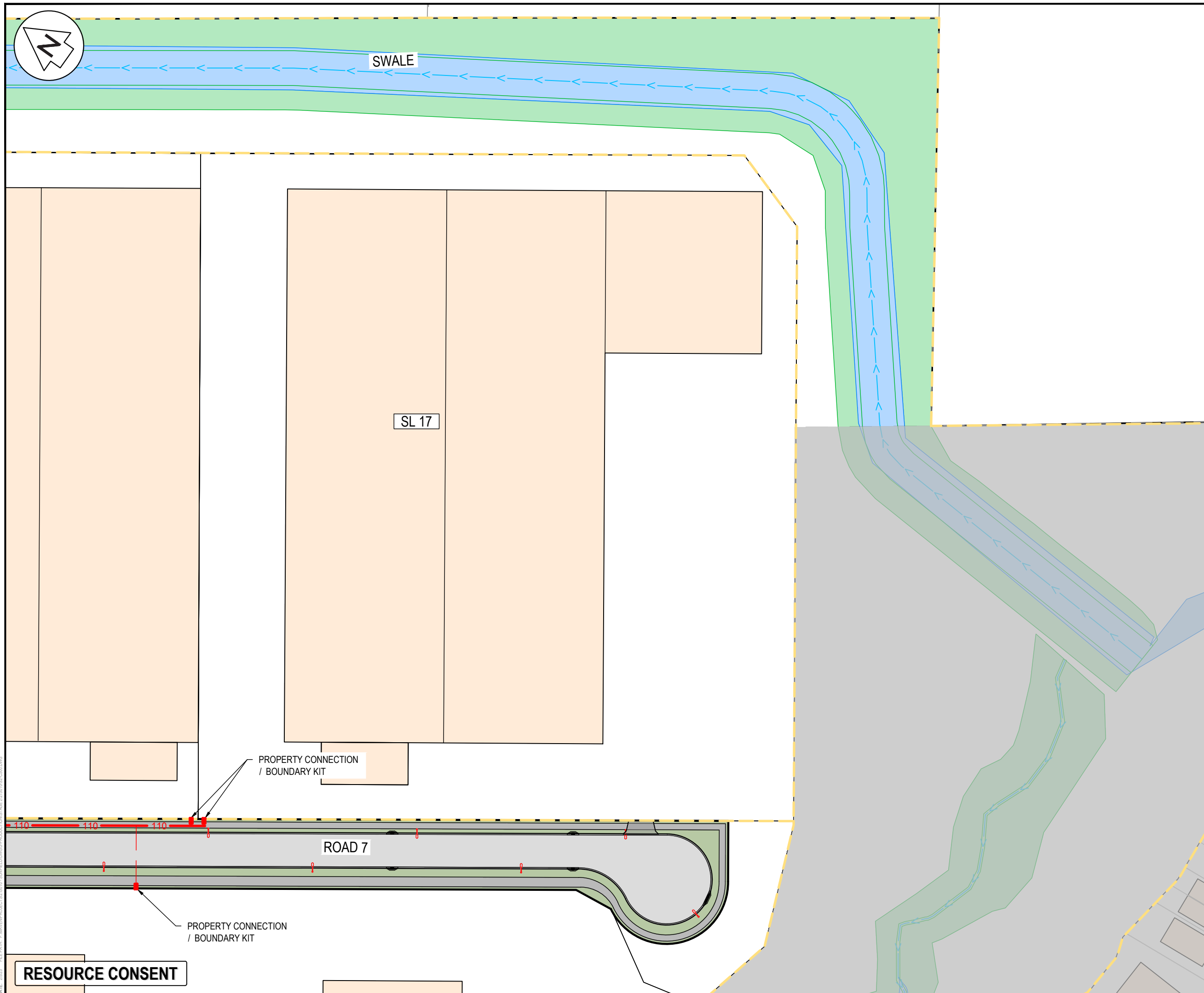


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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WASTEWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-11	Rev	A



WASTEWATER NOTES

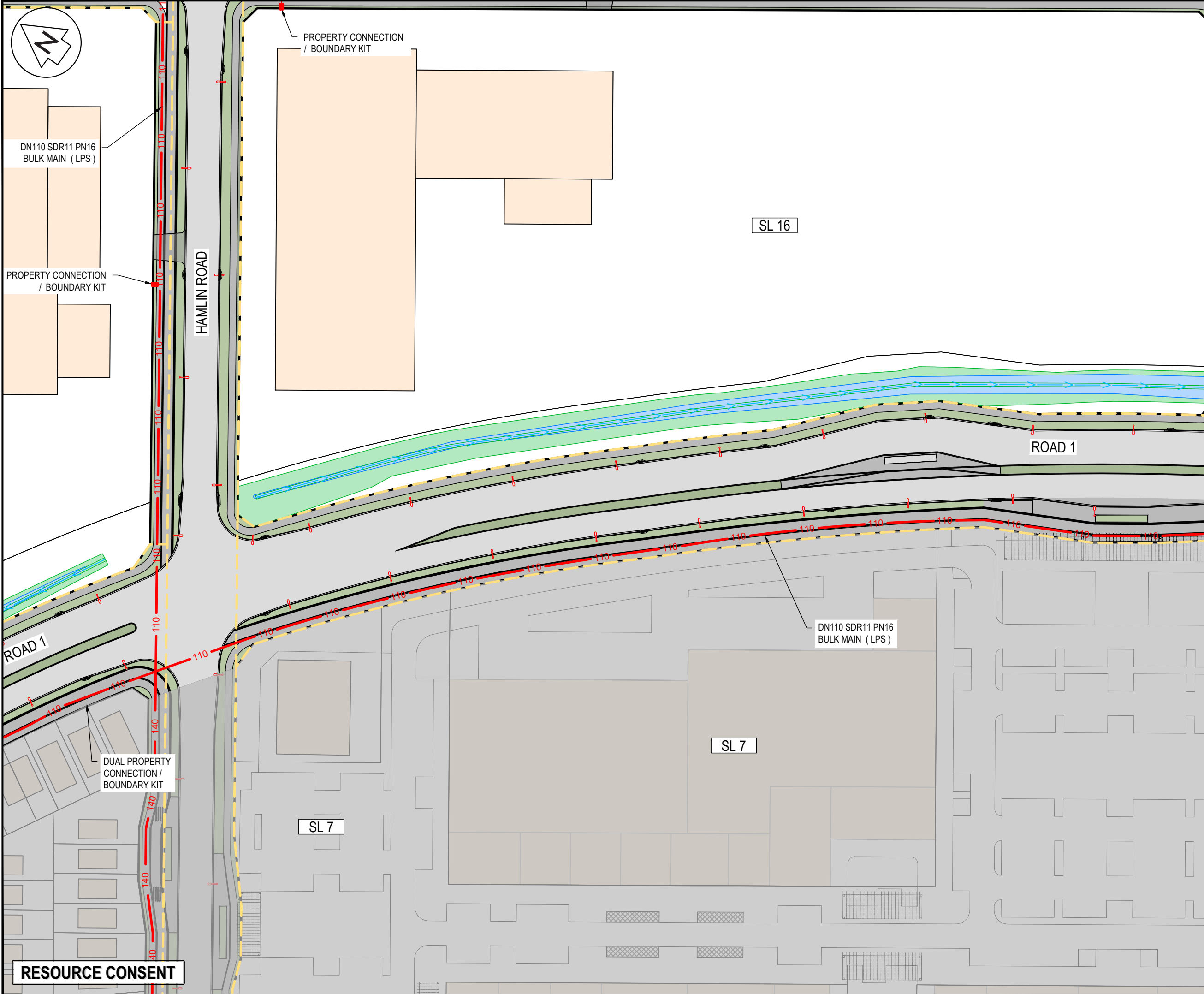
### LEGEND

A	RESOURCE CONSENT	RLK	07/02/25
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORK	02/2021	
Design	RH, RLK	01/2025	
Drawn	RH,RLK	01/2025	
Checked	JP/LC	02/2025	

Project

**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-12	Rev	<b>A</b>



**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)
---	PR BDY KIT - SINGLE
---	PR BDY KIT - DOUBLE
---	SUPER LOT BDY

A	RESOURCE CONSENT	RLK	07/02/25
Rev	Description	By	Date
	Survey	SURVEYWORX	02/2021
	Design	RH, RLK	01/2025
	Drawn	RH, RLK	01/2025
	Checked	JP/LC	02/2025

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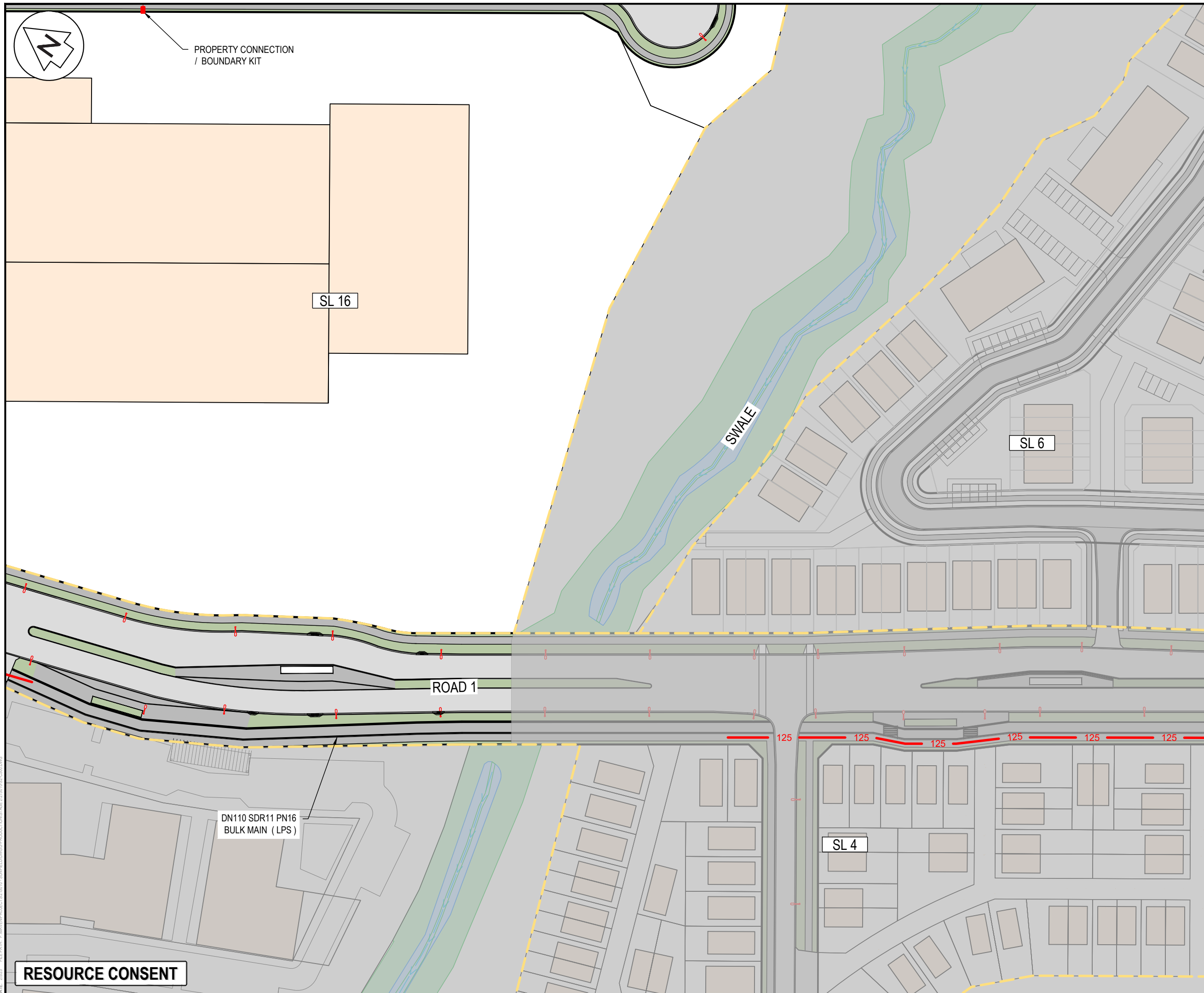
Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WASTEWATER  
PLAN**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-13	Rev	<b>A</b>





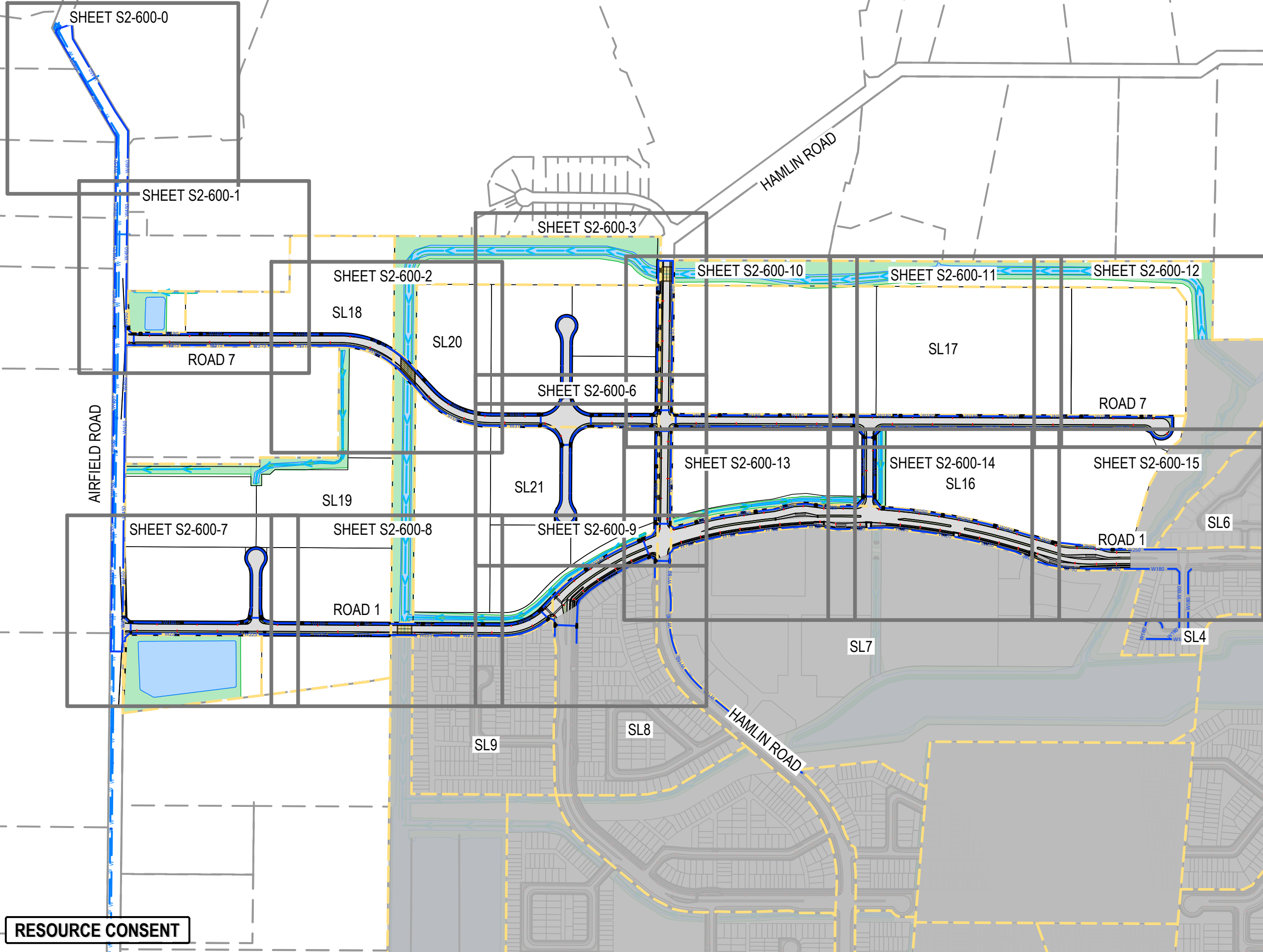


- WASTEWATER NOTES
1. ALL WORKS AND MATERIALS TO COMPLY WITH WATERCARE SERVICES LIMITED CODE OF PRACTICE.
2. ALL PRIVATE DRAINAGE WORKS TO COMPLY WITH THE NEW ZEALAND BUILDING CODE.
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6. COORDINATES IN TERMS OF NZ GEODETIC DATUM M EDEN 2000. LEVELS IN 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 6CM 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.

A	RESOURCE CONSENT	RLK	07/02/25
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH, RLK	01/2025	
Drawn	RH, RLK	01/2025	
Checked	JP/LC	02/2025	

**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOTS 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C500.DWG		
Drawing no.	S2-C500-15	Rev	<b>A</b>



- 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
---	PROP BDY
---	SUPER LOT BDY
---	EX WATERMAIN
---	PROP WATERMAIN
---	PR WATER PRIVATE
---	PR WATERMAIN 100mm
---	PR WATERMAIN 125mm
---	EX/PROP HYDRANT
---	EX/PROP METER
---	EX SLUICE VALVE
---	EX PEET VALVE
---	PROP SLUICE VALVE
---	PROP PEET VALVE

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH	01/2025	
Drawn	RH	01/2025	
Checked	JP/LC	02/2025	



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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WATER SUPPLY  
OVERVIEW**

Project no.	215010		
Scale	1:5000 @ A3		
Cad file	215010-S2-C600.DWG		
Drawing no.	S2-C600	Rev	A

RESOURCE CONSENT





EXISTING TRNASSMISSION  
FACILITY  
TAKANINI 2 WATER MAIN

EXISTING 450 AC WATER MAIN ( TRANSMISSION )

EXISTING 250 CI WATER MAIN ( LOCAL )

PROPOSED 450mm OD WATER MAIN

PROPOSED 450mm OD WATER MAIN

LOT 1 DP 96780

LOT 2 DP 96780

AIRFIELD ROAD

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
	PROP BDY
	SUPER LOT BDY
	EX WATERMAIN
	PROP WATERMAIN
	PR WATER PRIVATE
	PR WATERMAIN 100mm
	PR WATERMAIN 125mm
	EX/PROP HYDRANT
	EX/PROP METER
	EX SLUICE VALVE
	EX PEET VALVE
	PROP SLUICE VALVE
	PROP PEET VALVE

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH	01/2025	
Drawn	RH	01/2025	
Checked	JP/LC	02/2025	



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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WATER SUPPLY  
PLAN: SHEET 1**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C600.DWG
Drawing no.	S2-C600-0
Rev	<b>A</b>



LOT 2 DP 96780

SECT 1 SO 531300

LOT 2 DP 192819

LOT 1 DP 47508

LOT 1 BLK XV DP 192819

AIRFIELD ROAD

WETLAND

TEE CONNECTIONS  
SEE DETAIL A -DWG S2-C620-1

TEE CONNECTIONS  
SEE DETAIL C -DWG S2-C620-1

SL 18

FIRE HYDRANT  
SEE DETAIL E - DWG S2-C620-2

FIRE HYDRANT

ROAD 7

100mm 45° PIPE BEND

RESOURCE CONSENT

- NOTES
- ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
  - IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ANY UNDERGROUND SERVICES PRIOR TO THE COMMENCEMENT OF WORKS.
  - MINIMUM COVER SHALL BE:  
ROADS AND FRONT1M OF BERM: 900mm  
BERMS 600mm  
SERVICE CONNECTIONS: 450mm
  - WATERMAINS LAID ACROSS ROADS SHALL BE BACKFILLED WITH HARDFILL COMPACTED IN 200mm LAYERS ABOVE THE EMBEDMENT MATERIAL.
  - ALL UPVC PIPE SHALL BE PN12 MINIMUM PRESSURE RATED WITH SPIGNOT AND SOCKET RUBBER RING JOINTS.
  - ALL PE PIPE SHALL BE PN12.5 MINIMUM PRESSURE RATED WITH BUTT-WELDED. WELD BEADS SHALL BE REMOVED TO PROVIDE A SMOOTH BORE.
  - ALL NON-METALIC PIPES ARE TO HAVE TRACER WIRE FITTED TO COUNCIL STANDARDS.
  - PIPES SHALL BE BEDDED AND SURROUNDED TO 150MM ABOVE THE PIPE SOFFIT WITH SAND OR AP20.
  - METAL DETECTOR TAPE PRINTED WITH 'WATER PIPE BELOW' SHALL BE LAID 150MM ABOVE ALL WATERMAINS.
  - A YELLOW ISOSCELES TRIANGLE WITH CATS EYE POINTING TO FH SHALL BE PAINTED IN THE CENTRE OF ALL SEALED ROADS.
  - ALL VALVES TO BE MARKED WITH SAWCUT KERB AND BLUE PAINT.
  - ALL FLANGE JOINTS TO BE PROTECTED WITH DENSO TAPE OR SIMILAR APPROVED BY THE ENGINEER.

LEGEND

	EX BDY
	PROP BDY
	SUPER LOT BDY
	EX WATERMAIN
	PROP WATERMAIN
	PR WATER PRIVATE
	PR WATERMAIN 100mm
	PR WATERMAIN 125mm
	EX/PROP HYDRANT
	EX/PROP METER
	EX SLUICE VALVE
	EX PEET VALVE
	PROP SLUICE VALVE
	PROP PEET VALVE

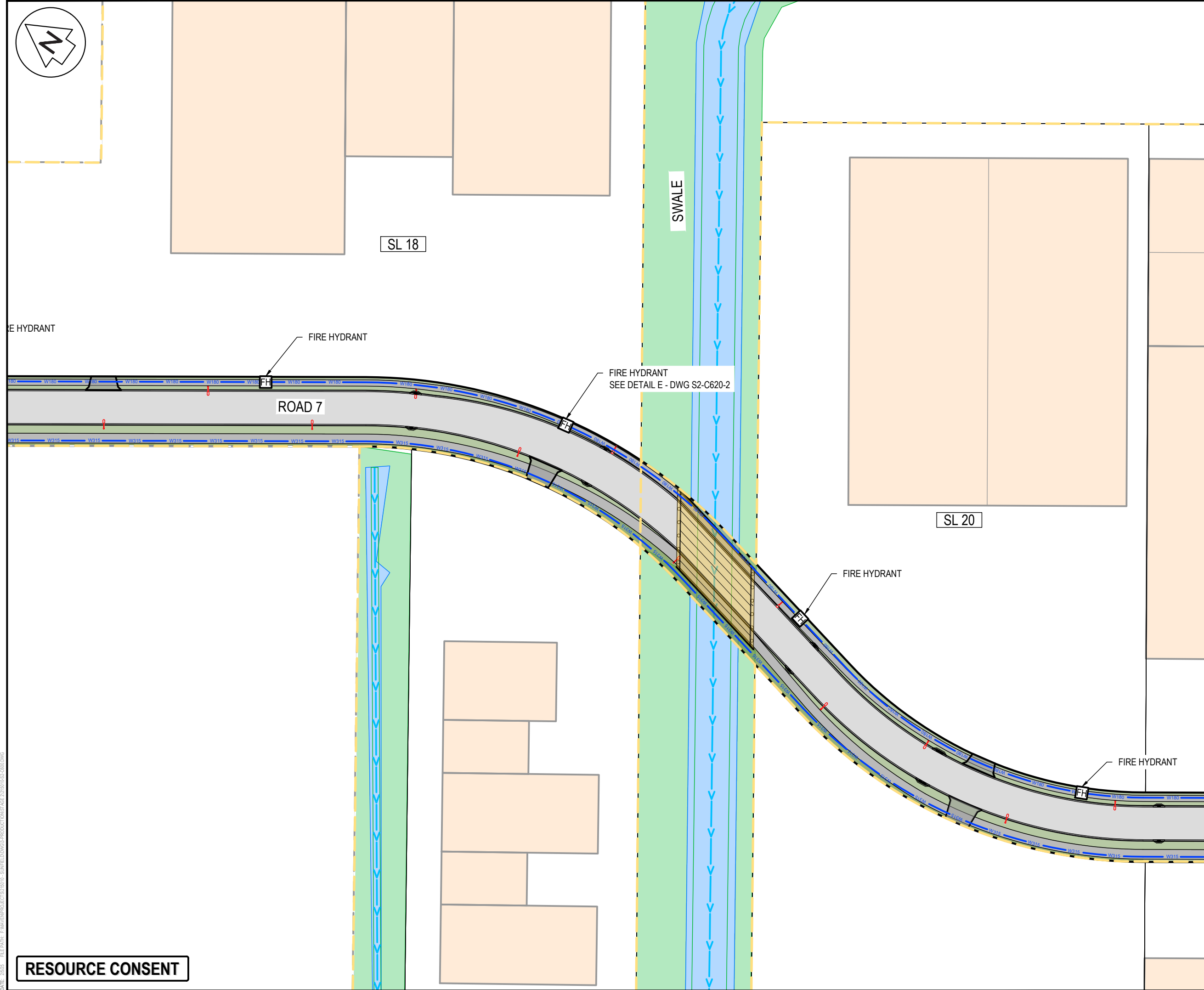
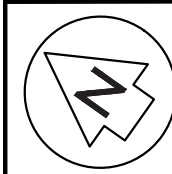
A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH	01/2025	
Drawn	RH	01/2025	
Checked	JP/LC	02/2025	

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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WATER SUPPLY  
PLAN: SHEET 2**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C600.DWG
Drawing no.	S2-C600-1
Rev	<b>A</b>



- 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
---	PROP BDY
---	SUPER LOT BDY
---	EX WATERMAIN
---	PROP WATERMAIN
---	PR WATER PRIVATE
---	PR WATERMAIN 100mm
---	PR WATERMAIN 125mm
FH	EX/PROP HYDRANT
WM	EX/PROP METER
⊗	EX SLUICE VALVE
⊗	EX PEET VALVE
⊗	PROP SLUICE VALVE
⊗	PROP PEET VALVE

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH	01/2025	
Drawn	RH	01/2025	
Checked	JP/LC	02/2025	



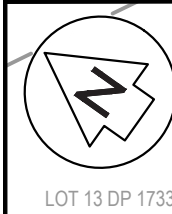
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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WATER SUPPLY  
PLAN: SHEET 3**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C600.DWG
Drawing no.	S2-C600-2
Rev	A





LOT 12 DP 173310

LOT 11 DP 173310

LOT 10 DP 173310

LOT 9 DP 173310

LOT 8 DP 173310

LOT 7 DP 173310

LOT 6 DP 173310

LOT 5 DP 173310

LOT 4 DP 173310

LOT 3 DP 173310

LOT 2 DP 173310

LOT 1 DP 173310

SWALE

SL 20

ROAD 30

HAMLIN ROAD

TEE CONNECTIONS  
SEE DETAIL A -DWG S2-C620-1

TEE CONNECTIONS  
SEE DETAIL C -DWG S2-C620-1

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.
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BERMS 600mm  
SERVICE CONNECTIONS: 450mm
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  6. ALL PE PIPE SHALL BE PN12.5 MINIMUM PRESSURE RATED WITH BUTT-WELDED. WELD BEADS SHALL BE REMOVED TO PROVIDE A SMOOTH BORE.
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  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
	PROP BDY
	SUPER LOT BDY
	EX WATERMAIN
	PROP WATERMAIN
	PR WATER PRIVATE
	PR WATERMAIN 100mm
	PR WATERMAIN 125mm
	EX/PROP HYDRANT
	EX/PROP METER
	EX SLUICE VALVE
	EX PEET VALVE
	PROP SLUICE VALVE
	PROP PEET VALVE

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH	01/2025	
Drawn	RH	01/2025	
Checked	JP/LC	02/2025	

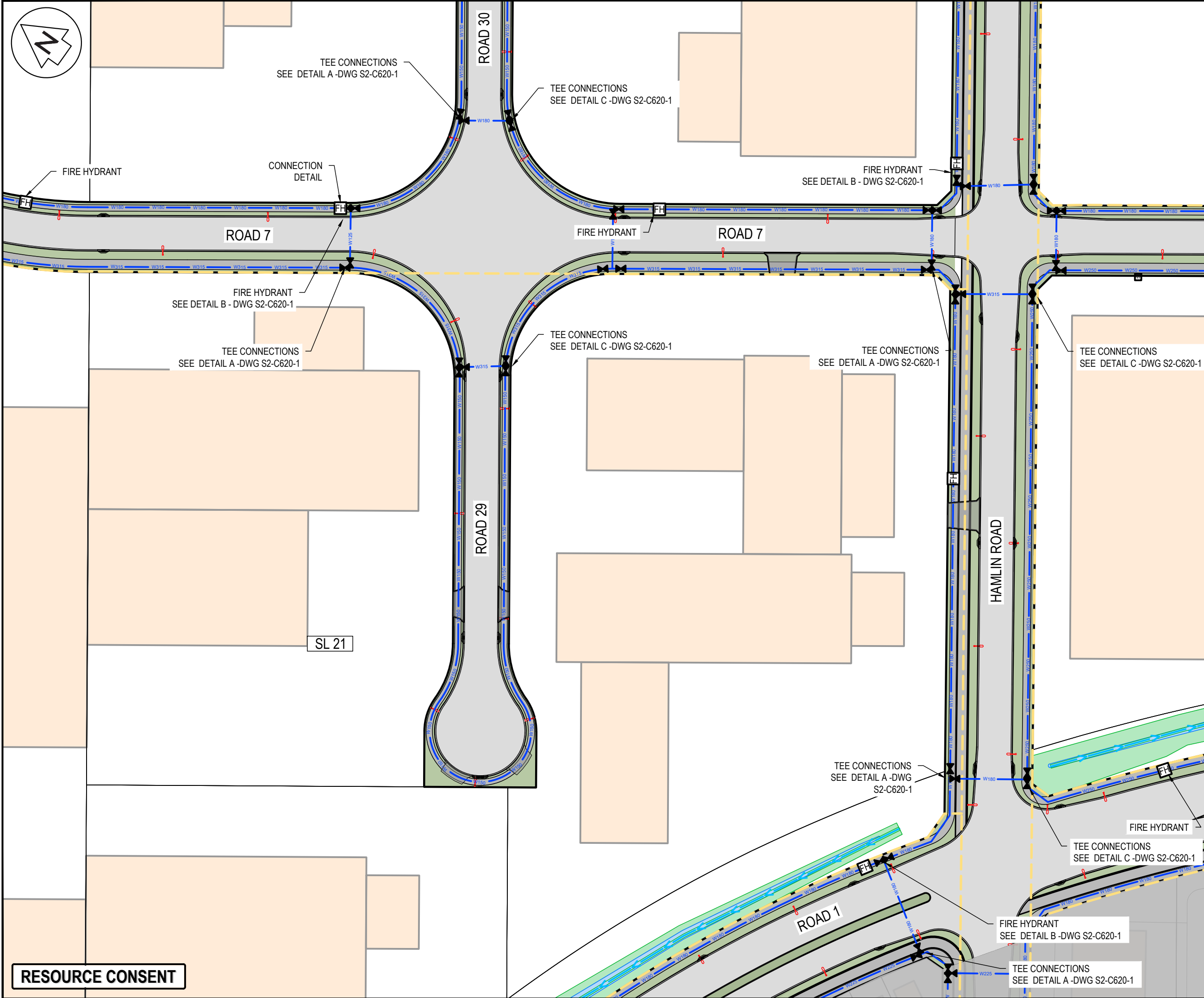
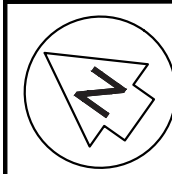


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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WATER SUPPLY  
PLAN: SHEET 4**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C600.DWG
Drawing no.	S2-C600-3
Rev	<b>A</b>



NOTES

- ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
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ROADS AND FRONT1M OF BERM: 900mm  
BERMS 600mm  
SERVICE CONNECTIONS: 450mm
- WATERMAINS LAID ACROSS ROADS SHALL BE BACKFILLED WITH HARDFILL COMPACTED IN 200mm LAYERS ABOVE THE EMBEDMENT MATERIAL.
- ALL UPVC PIPE SHALL BE PN12 MINIMUM PRESSURE RATED WITH SPIGNOT AND SOCKET RUBBER RING JOINTS.
- ALL PE PIPE SHALL BE PN12.5 MINIMUM PRESSURE RATED WITH BUTT-WELDED. WELD BEADS SHALL BE REMOVED TO PROVIDE A SMOOTH BORE.
- ALL NON-METALIC PIPES ARE TO HAVE TRACER WIRE FITTED TO COUNCIL STANDARDS.
- PIPES SHALL BE BEDDED AND SURROUNDED TO 150MM ABOVE THE PIPE SOFFIT WITH SAND OR AP20.
- METAL DETECTOR TAPE PRINTED WITH 'WATER PIPE BELOW' SHALL BE LAID 150MM ABOVE ALL WATERMAINS.
- A YELLOW ISOSCELES TRIANGLE WITH CATS EYE POINTING TO FH SHALL BE PAINTED IN THE CENTRE OF ALL SEALED ROADS.
- ALL VALVES TO BE MARKED WITH SAWCUT KERB AND BLUE PAINT.
- ALL FLANGE JOINTS TO BE PROTECTED WITH DENSO TAPE OR SIMILAR APPROVED BY THE ENGINEER.

LEGEND

---	EX BDY
---	PROP BDY
---	SUPER LOT BDY
---	EX WATERMAIN
---	PROP WATERMAIN
---	PR WATER PRIVATE
---	PR WATERMAIN 100mm
---	PR WATERMAIN 125mm
FH	EX/PROP HYDRANT
WM	EX/PROP METER
⊗	EX SLUICE VALVE
⊗	EX PEET VALVE
⊗	PROP SLUICE VALVE
⊗	PROP PEET VALVE

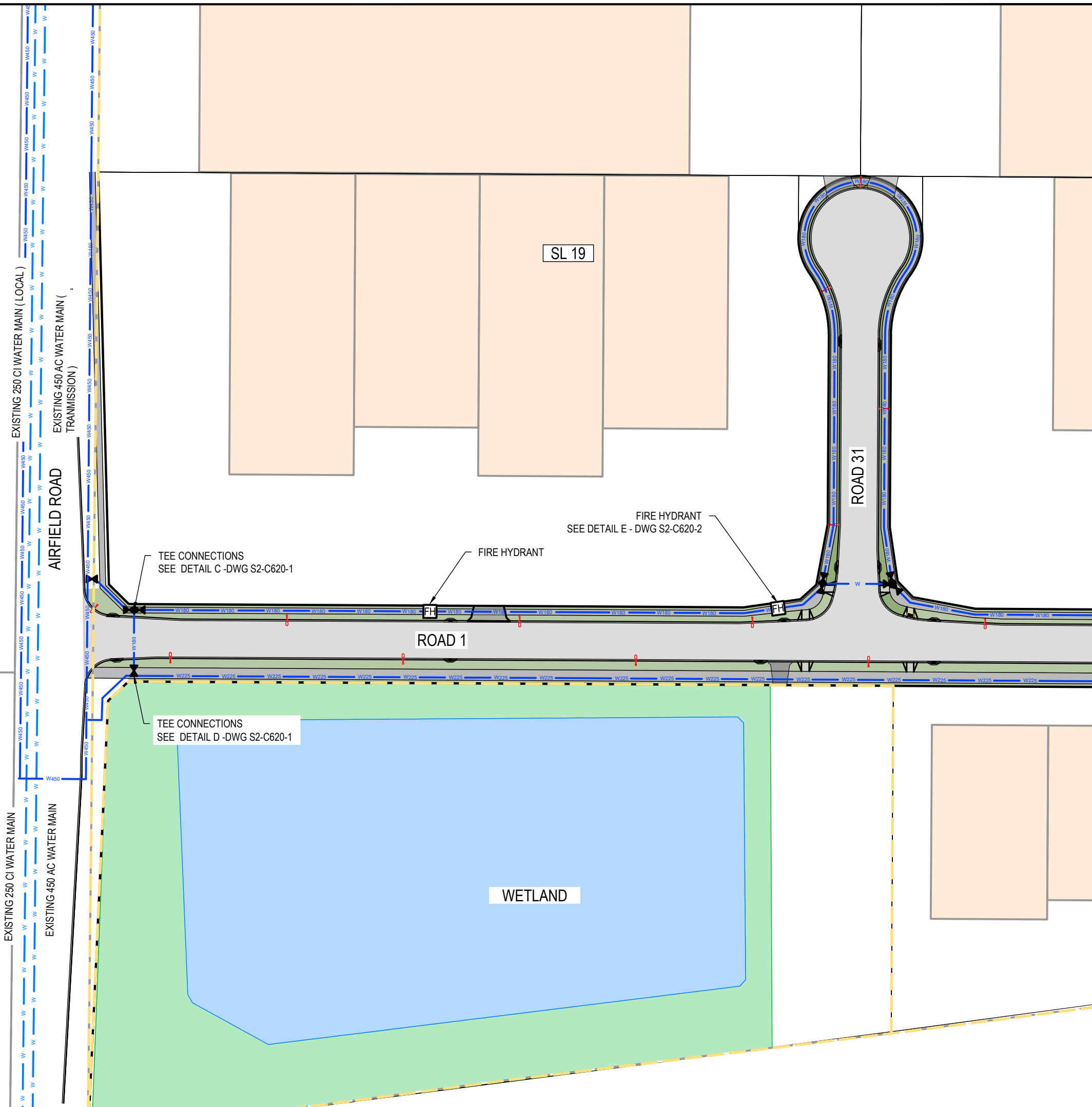
A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH	01/2025	
Drawn	RH	01/2025	
Checked	JP/LC	02/2025	

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Auckland 1023

Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WATER SUPPLY  
PLAN: SHEET 5**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C600.DWG
Drawing no.	S2-C600-6
Rev	<b>A</b>



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.
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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
---	PROP BDY
---	SUPER LOT BDY
W	EX WATERMAIN
W	PROP WATERMAIN
W	PR WATER PRIVATE
W100	PR WATERMAIN 100mm
W125	PR WATERMAIN 125mm
FH	EX/PROP HYDRANT
WM	EX/PROP METER
X	EX SLUICE VALVE
X	EX PEET VALVE
X	PROP SLUICE VALVE
X	PROP PEET VALVE

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
Survey	SURVEYWORX		02/2021
Design	RH		01/2025
Drawn	RH		01/2025
Checked	JP/LC		02/2025

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ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

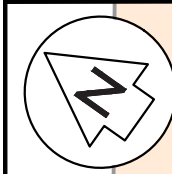
Title

**PROPOSED  
WATER SUPPLY  
PLAN: SHEET 6**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C600.DWG		
Drawing no.	S2-C600-7	Rev	<b>A</b>

RESOURCE CONSENT





SL 19

SL 21

SWALE

FIRE HYDRANT  
SEE DETAIL E - DWG S2-C620-2

FIRE HYDRANT

ROAD 1

SL 19

SL 9

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:  
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BERMS 600mm  
SERVICE CONNECTIONS: 450mm
  4. WATERMAINS LAID ACROSS ROADS SHALL BE BACKFILLED WITH HARDFILL COMPACTED IN 200mm LAYERS ABOVE THE EMBEDMENT MATERIAL.
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  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
	PROP BDY
	SUPER LOT BDY
	EX WATERMAIN
	PROP WATERMAIN
	PR WATER PRIVATE
	PR WATERMAIN 100mm
	PR WATERMAIN 125mm
	EX/PROP HYDRANT
	EX/PROP METER
	EX SLUICE VALVE
	EX PEET VALVE
	PROP SLUICE VALVE
	PROP PEET VALVE

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	Survey	SURVEYWORX	02/2021
	Design	RH	01/2025
	Drawn	RH	01/2025
	Checked	JP/LC	02/2025

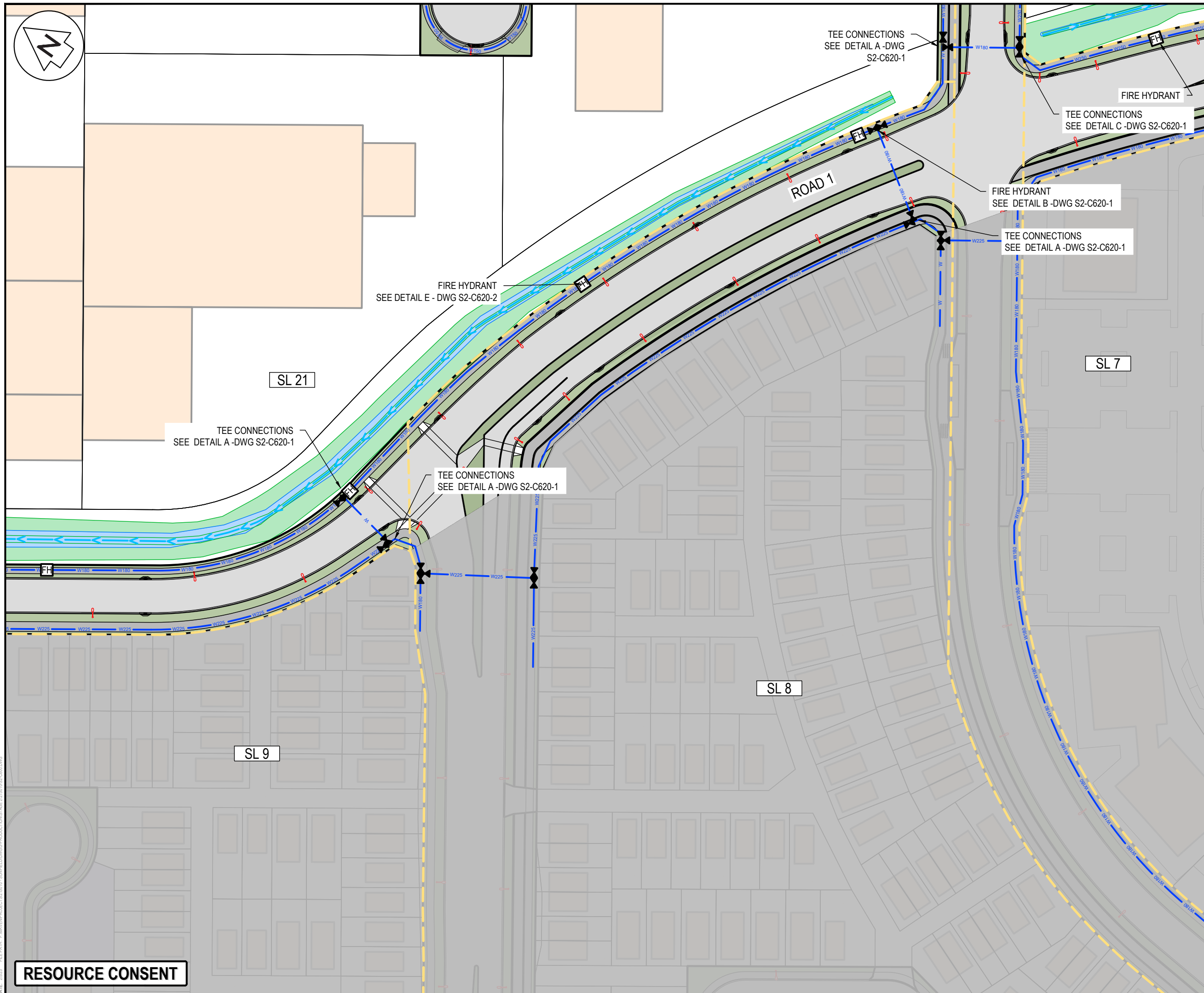


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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WATER SUPPLY  
PLAN: SHEET 7**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C600.DWG
Drawing no.	S2-C600-8
Rev	A

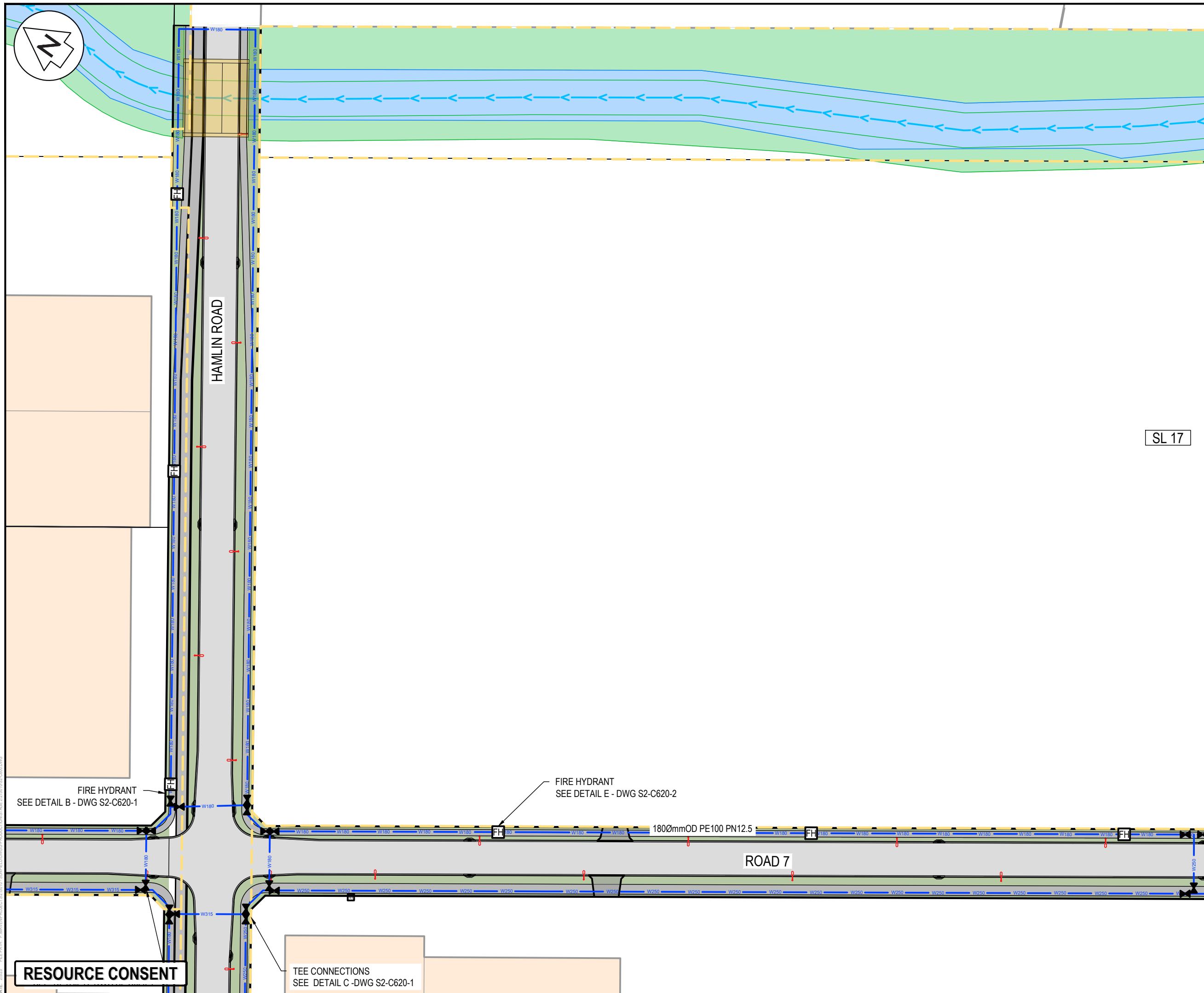


- NOTES
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A	RESOURCE CONSENT	RLK	02/2025		
Rev	Description	By	Date		
	By	Date			
Survey	SURVEYWORX	02/2021			
Design	RH	01/2025			
Drawn	RH	01/2025			
Checked	JP/LC	02/2025			

Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C600.DWG		
Drawing no.	S2-C600-9	Rev	<b>A</b>



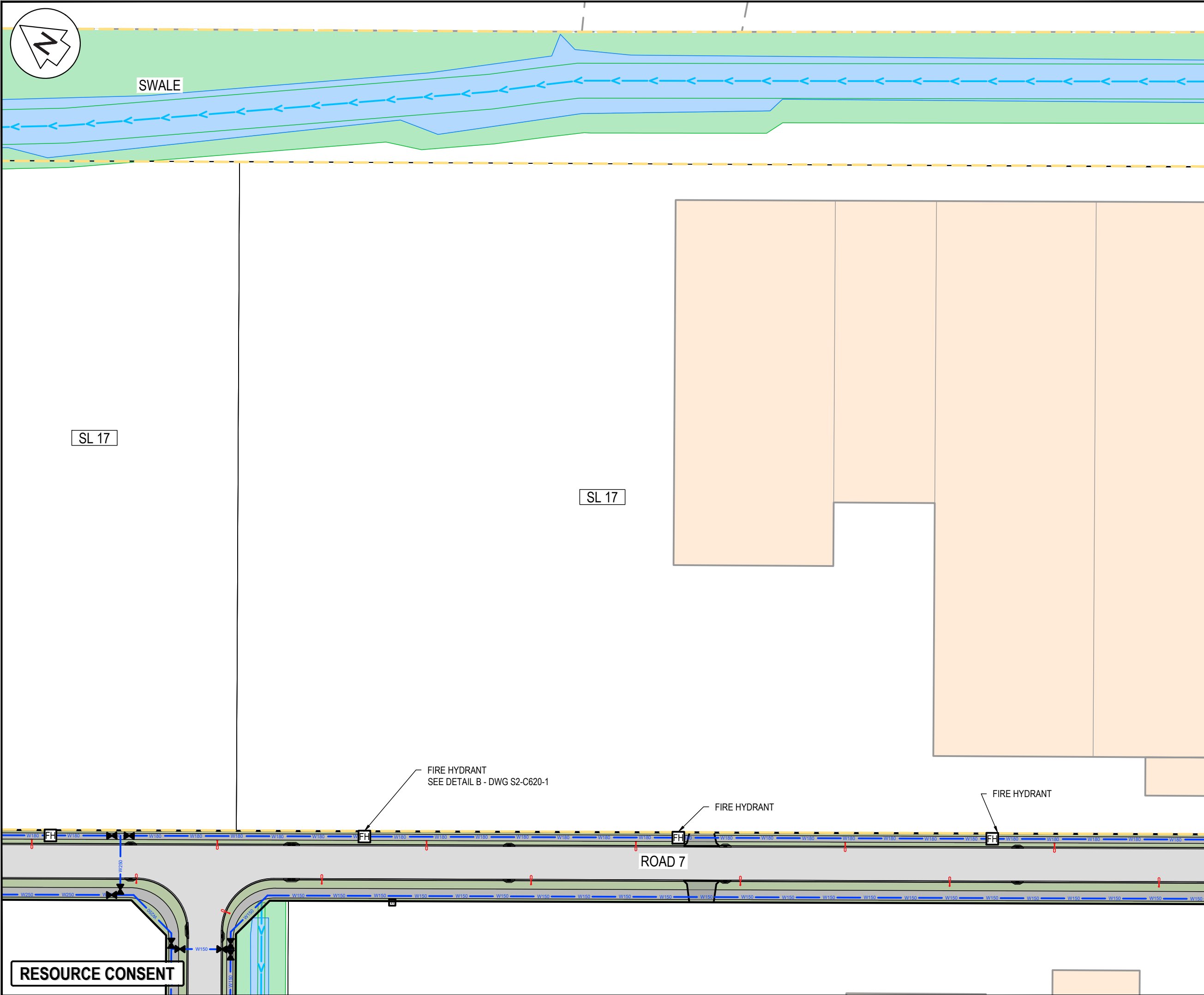
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A	RESOURCE CONSENT	RLK	02/2025		
Rev	Description	By	Date		
	By	Date			
Survey	SURVEYWORX	02/2021			
Design	RH	01/2025			
Drawn	RH	01/2025			
Checked	JP/LC	02/2025			

Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C600.DWG		
Drawing no.	S2-C600-10	Rev	<b>A</b>





NOTES

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LEGEND

EX BDY

PROP BDY

SUPER LOT BDY

W

EX WATERMAIN

W

PROP WATERMAIN

PR WATER PRIVATE

PR WATERMAIN 100mm

PR WATERMAIN 125mm

FH

EX/PROP HYDRANT

WM

EX/PROP METER

EX SLUICE VALVE

EX PEET VALVE

PROP SLUICE VALVE

PROP PEET VALVE

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH	01/2025	
Drawn	RH	01/2025	
Checked	JP/LC	02/2025	

M

MAVEN

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5 Owens Road, Epsom

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Project

SUNFIELD DEVELOPMENT

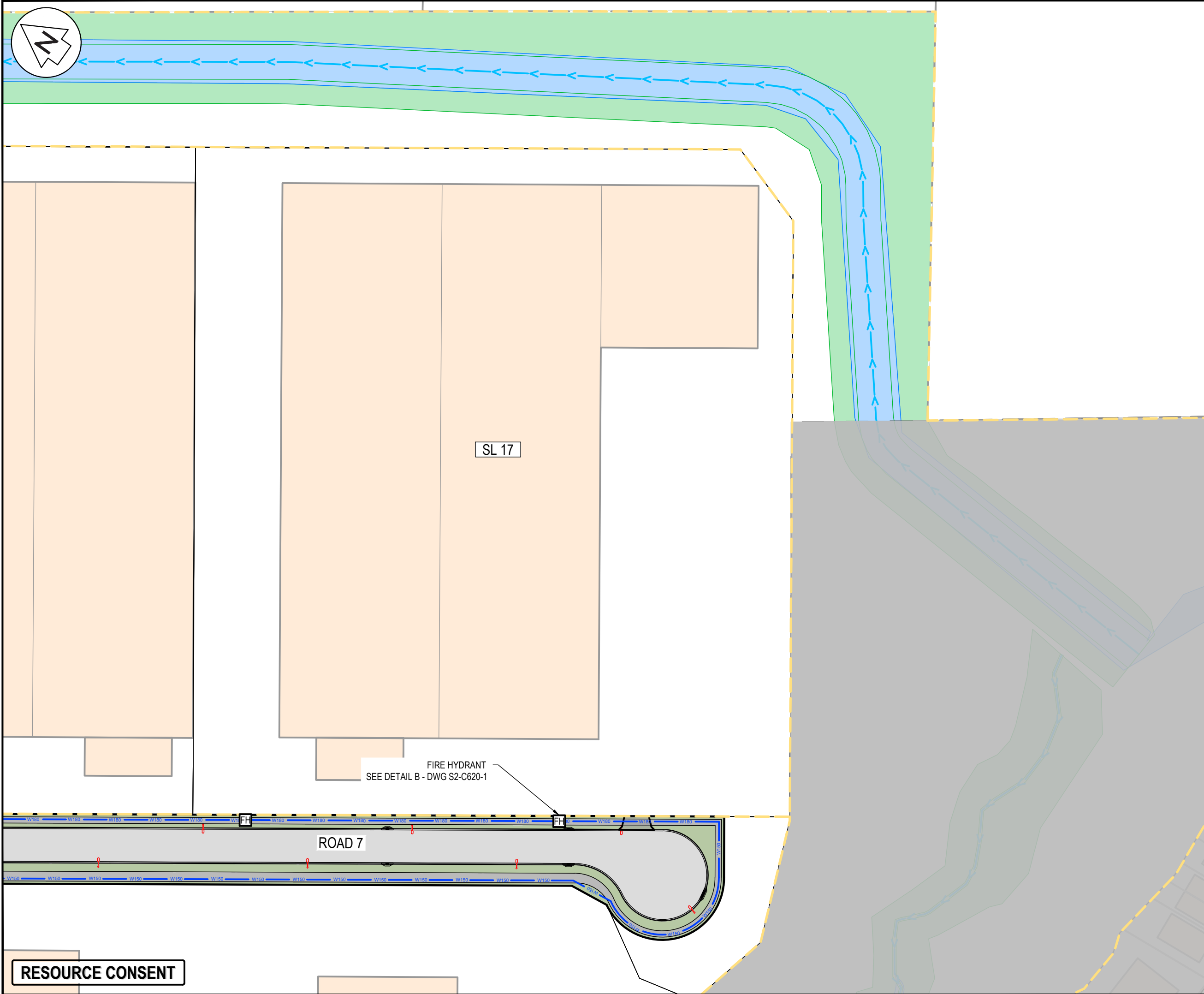
ARDMORE, AUCKLAND

SUPERLOT 16-21

FOR SUNFIELD

DEVELOPMENTS LIMITED

Title			
PROPOSED			
WATER SUPPLY			
PLAN: SHEET 8			
Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C600.DWG		
Drawing no.	S2-C600-11	Rev	A



NOTES

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

---	EX BDY
---	PROP BDY
---	SUPER LOT BDY
---	EX WATERMAIN
---	PROP WATERMAIN
---	PR WATER PRIVATE
---	PR WATERMAIN 100mm
---	PR WATERMAIN 125mm
---	EX/PROP HYDRANT
---	EX/PROP METER
---	EX SLUICE VALVE
---	EX PEET VALVE
---	PROP SLUICE VALVE
---	PROP PEET VALVE

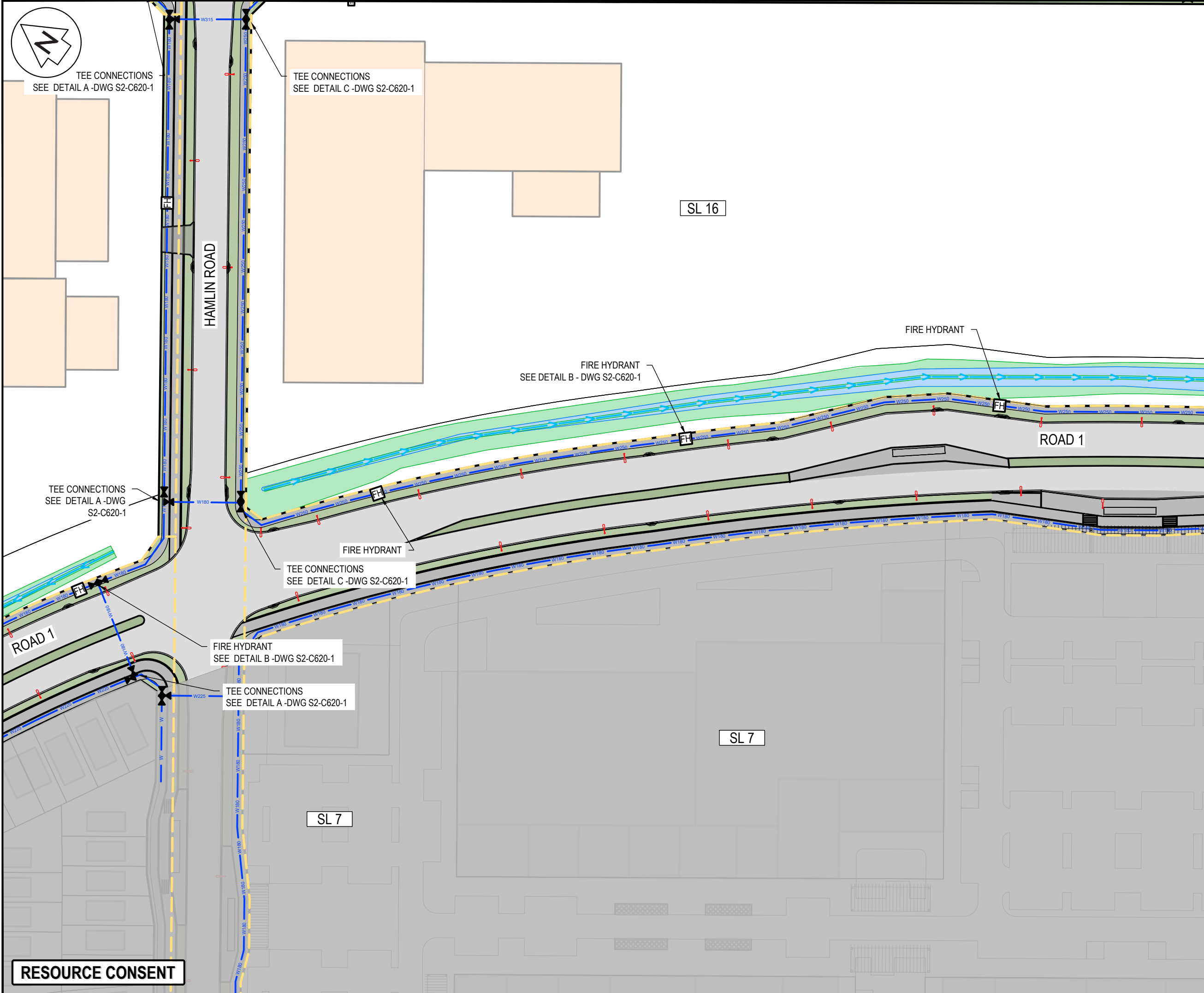
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Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	RH	01/2025	
Drawn	RH	01/2025	
Checked	JP/LC	02/2025	

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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WATER SUPPLY  
PLAN: SHEET 8**

Project no.	215010		
Scale	1:1000 @ A3		
Cad file	215010-S2-C600.DWG		
Drawing no.	S2-C600-12	Rev	A



NOTES

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---	EX BDY
---	PROP BDY
---	SUPER LOT BDY
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W	PROP WATERMAIN
W	PR WATER PRIVATE
W100	PR WATERMAIN 100mm
W125	PR WATERMAIN 125mm
FH	EX/PROP HYDRANT
WM	EX/PROP METER
⊗	EX SLUICE VALVE
⊗	EX PEET VALVE
⊗	PROP SLUICE VALVE
⊗	PROP PEET VALVE

A	RESOURCE CONSENT	RLK	02/2025
Rev	Description	By	Date
Survey	SURVEYWORX		02/2021
Design	RH		01/2025
Drawn	RH		01/2025
Checked	JP/LC		02/2025

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Project  
**SUNFIELD DEVELOPMENT  
ARDMORE, AUCKLAND  
SUPERLOT 16-21  
FOR SUNFIELD  
DEVELOPMENTS LIMITED**

Title  
**PROPOSED  
WATER SUPPLY  
PLAN: SHEET 8**

Project no.	215010
Scale	1:1000 @ A3
Cad file	215010-S2-C600.DWG
Drawing no.	S2-C600-13
Rev	<b>A</b>