

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

---	EX BDY
---	PR BDY
---	EX MAJOR CONTOUR
---	EX MINOR CONTOUR
---	PR MAJOR CONTOUR
---	PR MINOR CONTOUR
---	PR EXTENT WORK
---	PR SUPERLOT BDY

A	RESOURCE CONSENT	CE	02/2025
Rev	Description	By	Date
		By	Date
Survey	SURVEYWORK		02/2021
Design	CE		02/2025
Drawn	CE		02/2025
Checked	JP		02/2025

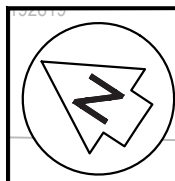


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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED OVERVIEW
EARTHWORKS
PLAN**

Project no.	215010		
Scale	1:10000 @ A3		
Cad file	215010-M-C200.DWG		
Drawing no.	M-C200	Rev	A



BLK XV DP 192819

P 20982

LOT 1 DP 47508

LOT 1 BLK XV DP 22141

AIRFIELD ROAD

SL 18

SL 20

SL 21

SL 19

SL 9

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A	RESOURCE CONSENT	CE	02/2025
Rev	Description	By	Date
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Survey	SURVEYWORX		02/2021
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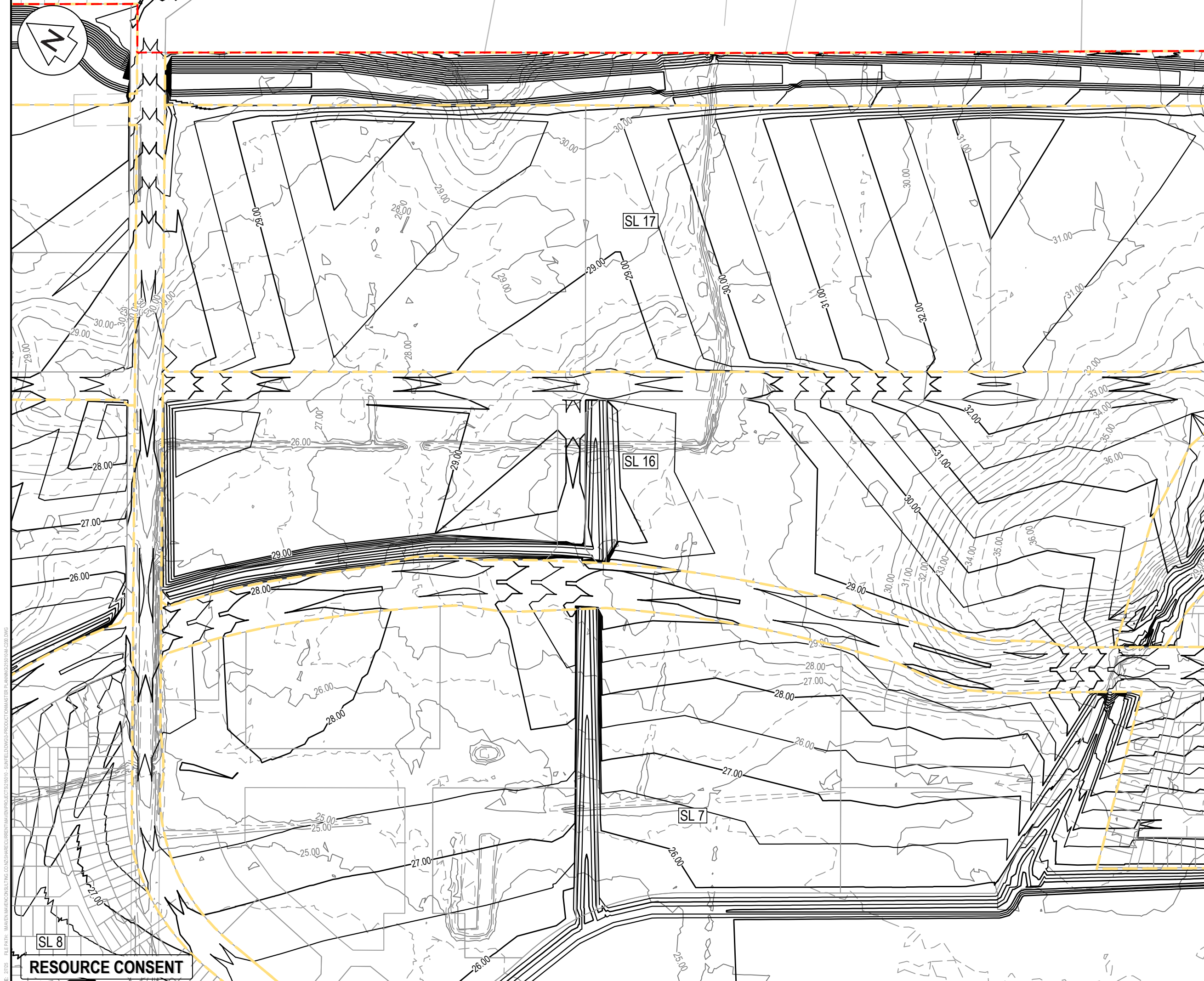
Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
EARTHWORKS
PLAN: SHEET 1**

Project no.	215010
Scale	1:2500 @ A3
Cad file	215010-M-C200.DWG
Drawing no.	M-C201
Rev	A

RESOURCE CONSENT

DATE: 2/7/25 FILE PATH: \\MVEN\MAVENCONSULTING\CD\NSHARE\CURRENT\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\PRODUCT\MASTER PLANNING\215010-M-C200.DWG




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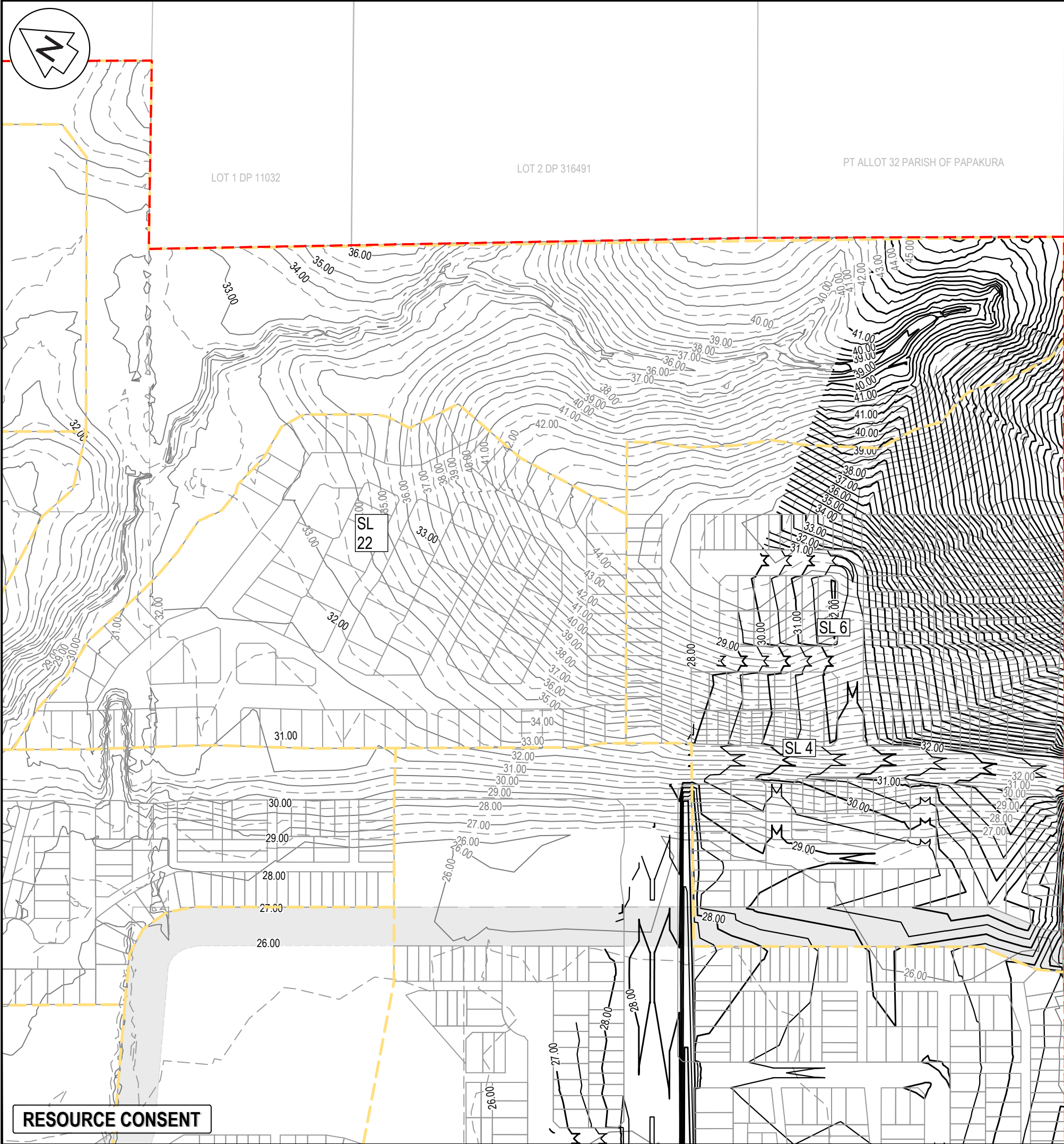
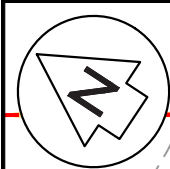
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

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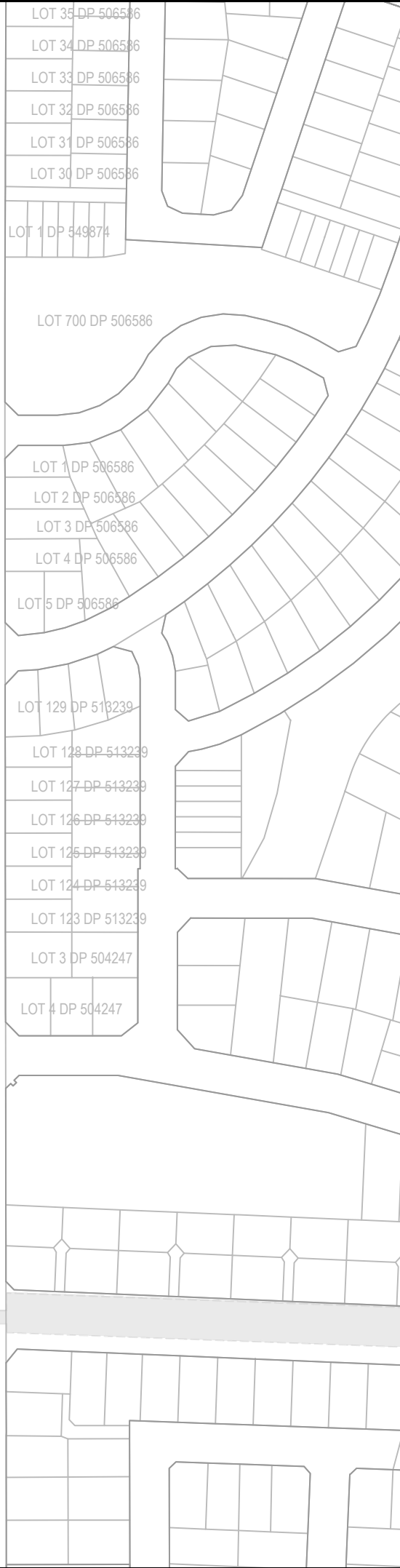
**PROPOSED
EARTHWORKS
PLAN: SHEET 2**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C200.DWG		
Drawing no.	M-C202	Rev	A

DATE: 2/7/25 FILE PATH: \\MVEN\WORKING\CURRENT\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\PRODUCT\MASTER PLANNING\215010-M-C200.DWG



OLD WAIROA ROAD



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---	EX MAJOR CONTOUR
---	EX MINOR CONTOUR
---	PR MAJOR CONTOUR
---	PR MINOR CONTOUR
---	PR EXTENT WORK
---	PR SUPERLOT BDY

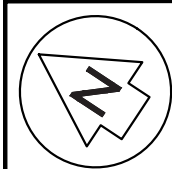
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Project
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ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
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PLAN: SHEET 2**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C200.DWG		
Drawing no.	M-C203	Rev	A



20982

AIRFIELD ROAD

MILL ROAD

LOT 1 DP 199521

LOT 1 DP 42854

PT LOT 5 DP 47911

LOT 4 BLK XV DP 193857

LOT 2 DP 42854

LOT 3 BLK XV DP 193857

LOT 2 DP 109061

LOT 1 BLK XV DP 47911

LOT 2 DP 47911

LOT 3 DP 47911

LOT 1 DP 109061

LOT 2 DP 193857

LOT 1 DP 39638

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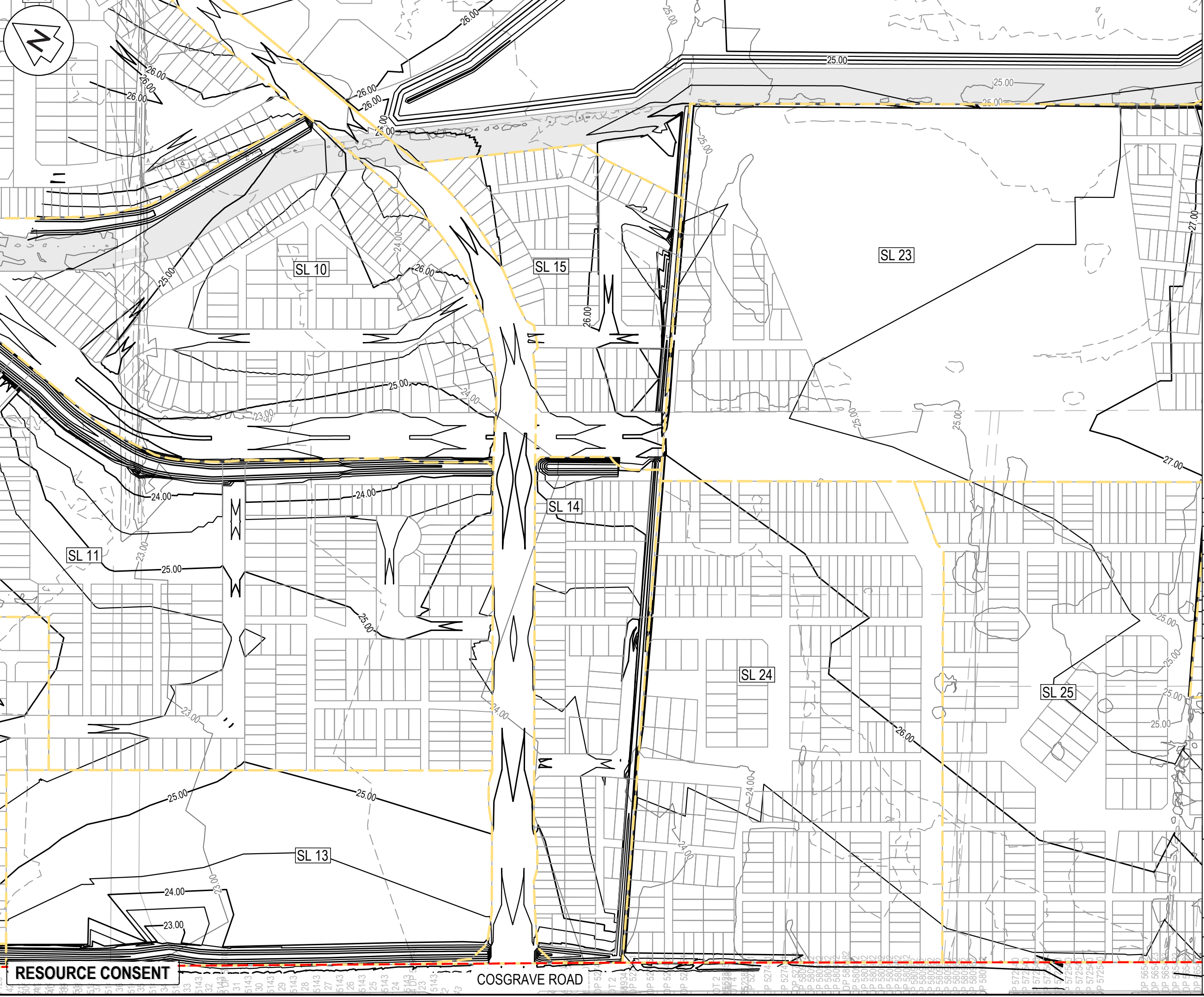
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---	EX MINOR CONTOUR
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---	PR MINOR CONTOUR
---	PR EXTENT WORK
---	PR SUPERLOT BDY

A	RESOURCE CONSENT	CE	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	CE	02/2025	
Drawn	CE	02/2025	
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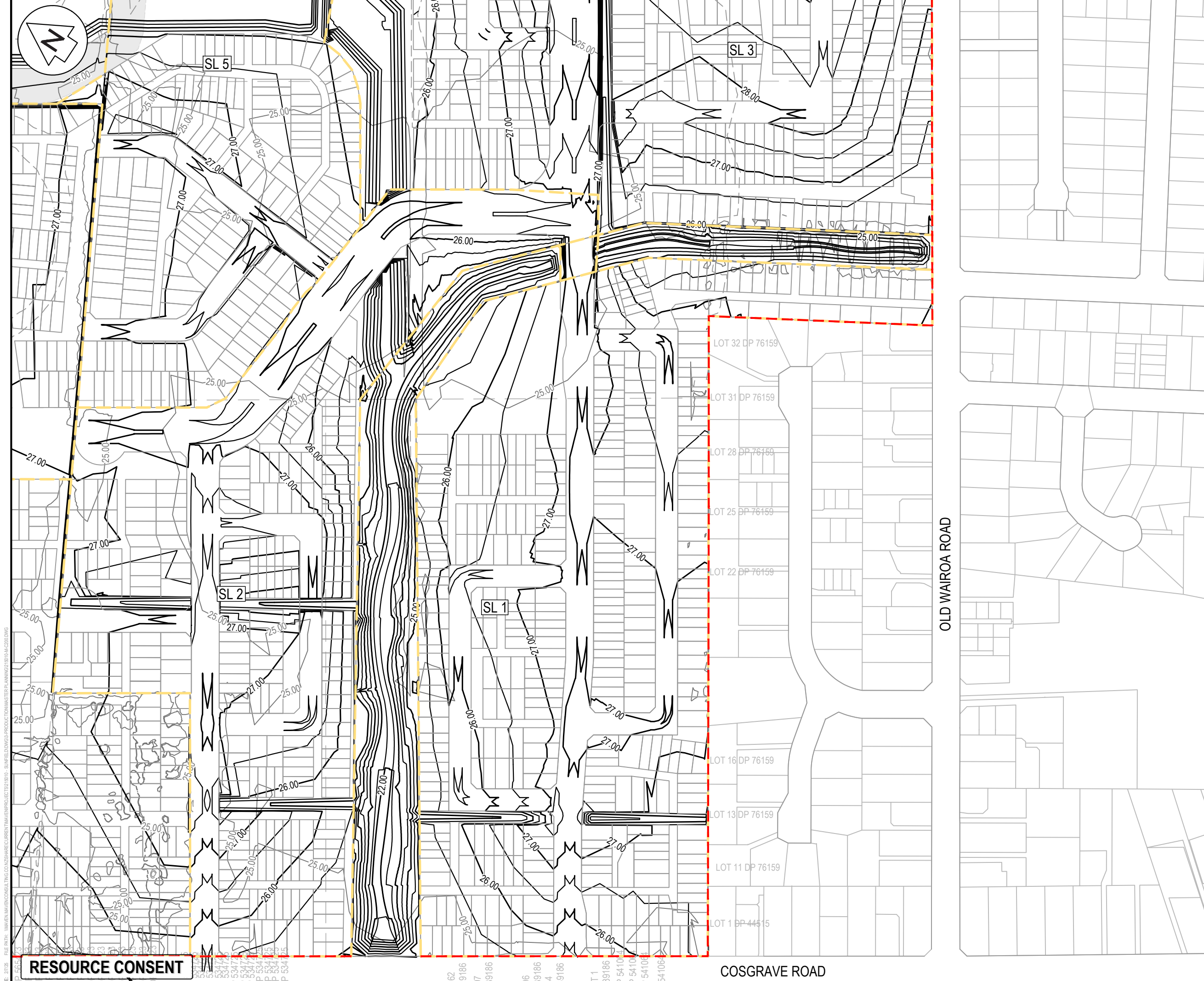
Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
EARTHWORKS
PLAN: SHEET 5**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C200.DWG		
Drawing no.	M-C205	Rev	A

RESOURCE CONSENT

COSGRAVE ROAD



NOTES

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A	RESOURCE CONSENT	CE	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	CE	02/2025	
Drawn	CE	02/2025	
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
EARTHWORKS
PLAN: SHEET 6**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C200.DWG		
Drawing no.	M-C206	Rev	A

DATE: 2/2/25 FILE PATH: I:\MVEN\CONSULTING\CD\NZSHARE\CURRENT\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\MASTER PLANNING\215010-M-C200.DWG

RESOURCE CONSENT

COSGRAVE ROAD

OLD WAIROA ROAD



EARTH WORKS (SURFACE BULK EARTHWORKS WITH ROAD SUBGRADE COMPARISON WITH SURFACE EGL)

EARTHWORKS AREA 2,440,000m² / 244 Ha

FILL REQUIRED (EXCLUDES PRELOAD) 1,490,000 m³
CUT VOLUME 1,700,000 m³
BULK EARTHWORKS CUT TO FILL
(INCLUDING COMPACTION FACTOR OF 0.8) 1,360,000 m³
CUT TO FILL OF SURPLUS MATERIAL FROM SERVICES & DRAINAGE 100,000 m³

NET CUT/FILL BALANCE (FILL IMPORT) 30,000 m³
PRELOAD (IMPORT) (BASED ON PRELOADING ONE SUPERLOT AT A TIME) 100,000 m³

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LEGEND

---	EX BDY
---	PROP BDY
---	PROP EXTENT WORK
---	SUPER LOT BDY

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-18.84	-1.00	
2	-1.00	-0.50	
3	-0.50	0.00	
4	0.00	0.50	
5	0.50	1.00	
6	1.00	1.50	
7	1.50	2.00	
8	2.00	5.67	

A			
RESOURCE CONSENT		JP	02/2025
Rev	Description	By	Date
	Survey	MA	02/2021
	Design	MA	02/2025
	Drawn	MA	02/2025
	Checked	JP	02/2025



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Project
**SUNFIELD DEVELOPMENT
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FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED OVERVIEW
CUT/FILL
PLAN**

Project no.	215010
Scale	1:10000 @ A3
Cad file	215010-M-C210.DWG
Drawing no.	M-C210
Rev	A



PROPOSED
STORMWATER CHANNEL.
CUT/FILL SUBMITTED
UNDER A DIFFERENT
RESOURCE CONSENT.
WILL UNDERGO FIRST
CONSTRUCTION ONSITE.

PROPOSED
STORMWATER
CHANNEL TO BE
EXCAVATED
FIRST ONSITE

RESOURCE CONSENT



AIRFIELD ROAD

PROPOSED
STORMWATER
CHANNEL TO BE
EXCAVATED
FIRST ONSITE

RESOURCE CONSENT

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LEGEND

- EX BDY
PROP BDY
PROP EXTENT WORK
SUPER LOT BDY

Elevations Table

Number	Minimum Elevation	Maximum Elevation	Color
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2	-1.00	-0.50	
3	-0.50	0.00	
4	0.00	0.50	
5	0.50	1.00	
6	1.00	1.50	
7	1.50	2.00	
8	2.00	5.67	

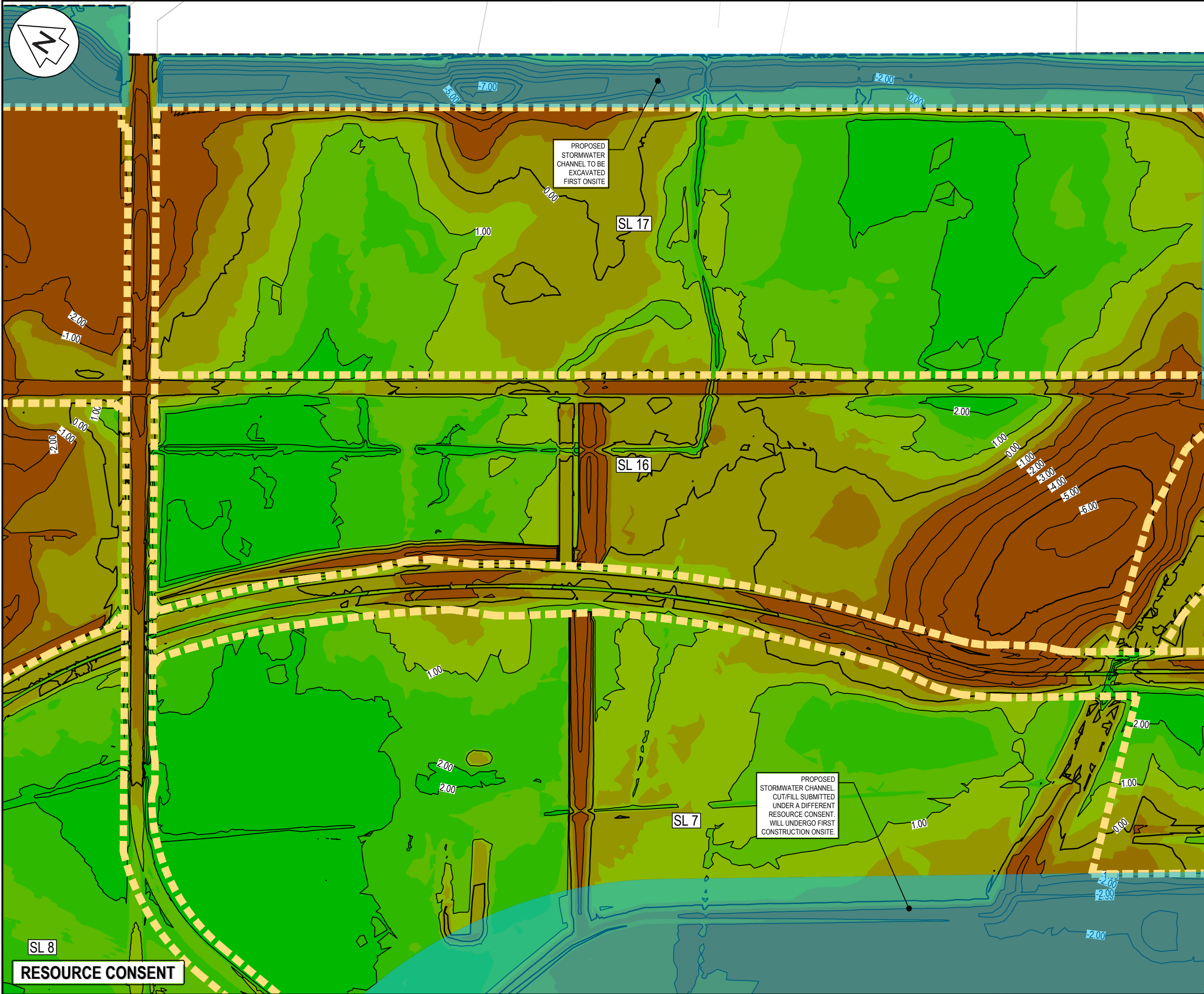
A	RESOURCE CONSENT	JP	02/2025
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
CUT/FILL
PLAN: SHEET 1**

Project no.	215010
Scale	1:2500 @ A3
Cad file	215010-M-C210.DWG
Drawing no.	M-C211
Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 3. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
 4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 5. SEDIMENT CONTROL SHALL BE INSTALLED AND OPERATIONAL BEFORE EARTHWORKS START ONSITE IN ACCORDANCE WITH COUNCIL STANDARDS.
 6. CONTRACTOR SHALL PROVIDE ASBUILT OF WORKING SEDIMENT CONTROL DEVICES AND CONFIRMATION OF POND/DECENT VOLUMES TO ENGINEER.
 7. SEDIMENT CONTROL TO COMPLY WITH GD05 STANDARDS.

LEGEND

---	EX BDY
---	PROP BDY
---	PROP EXTENT WORK
---	SUPER LOT BDY

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-18.84	-1.00	
2	-1.00	-0.50	
3	-0.50	0.00	
4	0.00	0.50	
5	0.50	1.00	
6	1.00	1.50	
7	1.50	2.00	
8	2.00	5.67	

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	MA	02/2025	
Drawn	MA	02/2025	
Checked	JP	02/2025	

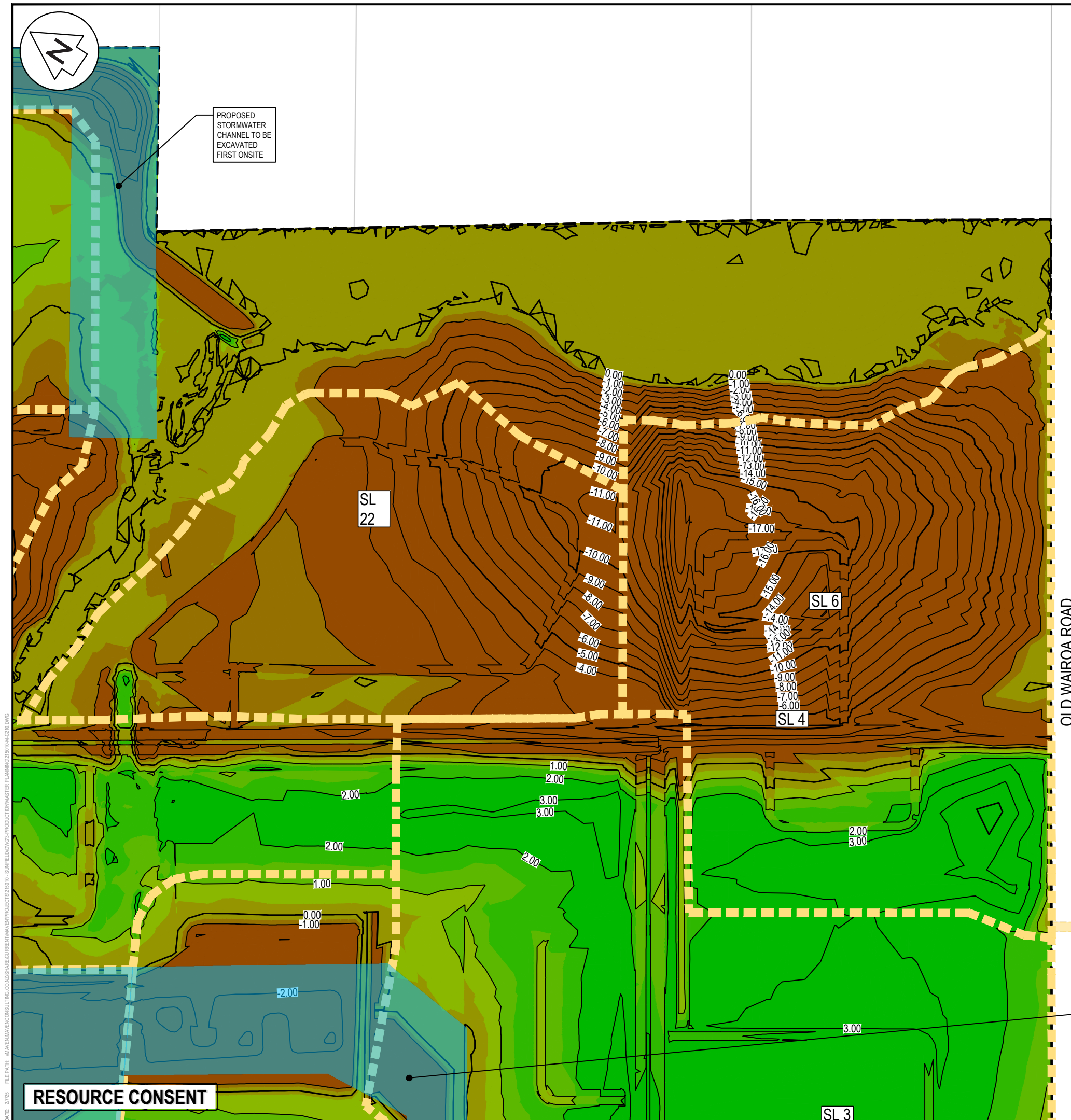


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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
CUT/FILL
PLAN: SHEET 2**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C210.DWG		
Drawing no.	M-C212	Rev	A







PROPOSED
STORMWATER
CHANNEL TO BE
EXCAVATED
FIRST ONSITE

PROPOSED
STORMWATER CHANNEL.
CUT/FILL SUBMITTED
UNDER A DIFFERENT
RESOURCE CONSENT.
WILL UNDERGO FIRST
CONSTRUCTION ONSITE.

- ## NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
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 7. SEDIMENT CONTROL TO COMPLY WITH GD05 STANDARDS.

LEGEND

EX BDY
PROP BDY
PROP EXTENT WORK
SUPER LOT BDY

Number	Minimum Elevation	Maximum Elevation	Color
1	-18.84	-1.00	
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6	1.00	1.50	
7	1.50	2.00	
8	2.00	5.67	

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	MA	02/2025	
Drawn	MA	02/2025	
Checked	JP	02/2025	



Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title

**PROPOSED
CUT/FILL
PLAN: SHEET 2**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C210.DWG		
Drawing no.	M-C213	Rev	A



AIRFIELD ROAD

MILL ROAD

PROPOSED
STORMWATER
CHANNEL TO BE
EXCAVATED
FIRST ONSITE

- NOTES
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 7. SEDIMENT CONTROL TO COMPLY WITH GD05 STANDARDS.

LEGEND

	EX BDY
	PROP BDY
	PROP EXTENT WORK
	SUPER LOT BDY

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-18.84	-1.00	
2	-1.00	-0.50	
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4	0.00	0.50	
5	0.50	1.00	
6	1.00	1.50	
7	1.50	2.00	
8	2.00	5.67	

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
Survey	SURVEYWORX		02/2021
Design	MA		02/2025
Drawn	MA		02/2025
Checked	JP		02/2025

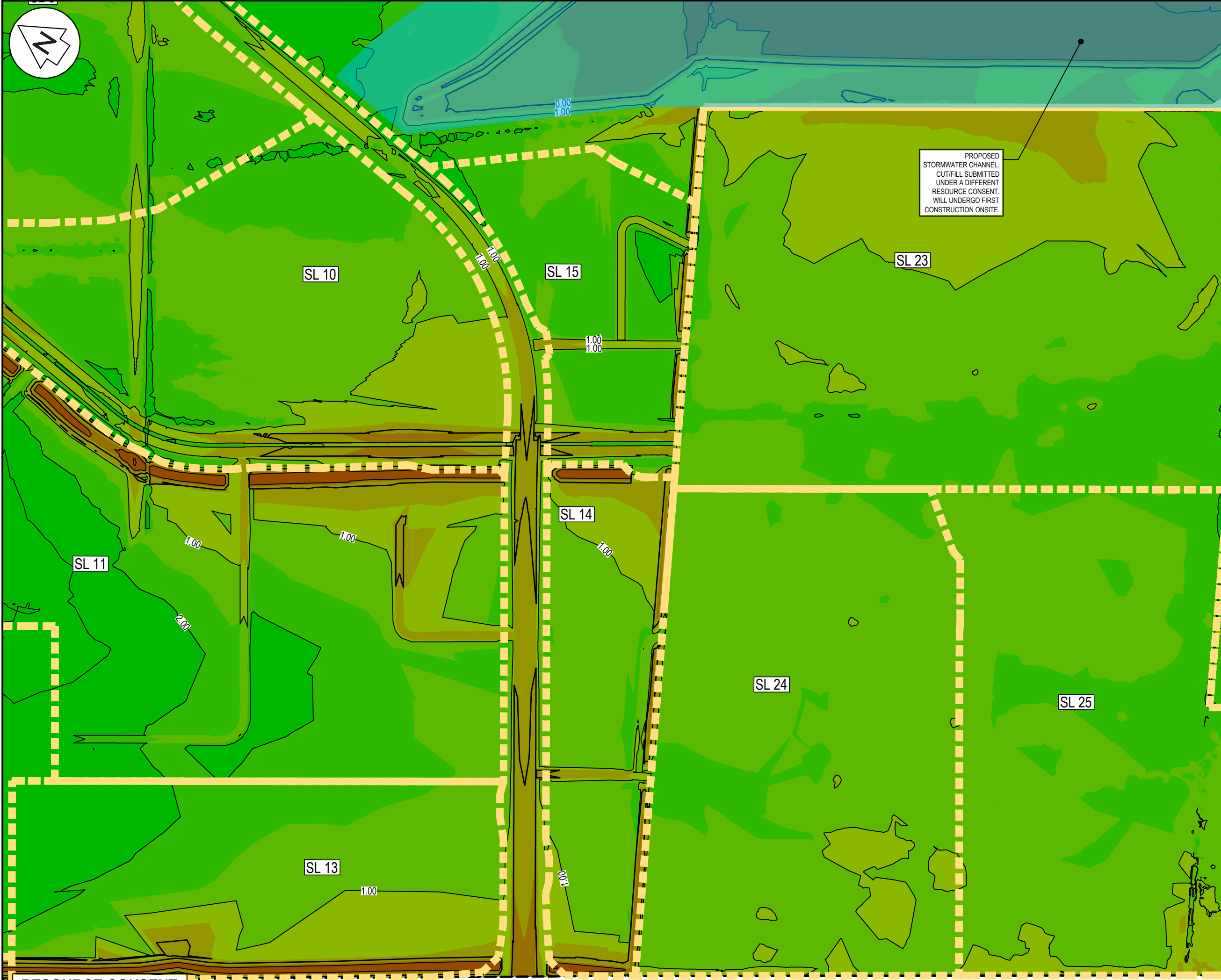
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
CUT/FILL
PLAN: SHEET 4**

Project no.	215010
Scale	1:2500 @ A3
Cad file	215010-M-C210.DWG
Drawing no.	M-C214
Rev	A

RESOURCE CONSENT



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

---	EX BDY
---	PROP BDY
---	PROP EXTENT WORK
---	SUPER LOT BDY

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-18.84	-1.00	
2	-1.00	-0.50	
3	-0.50	0.00	
4	0.00	0.50	
5	0.50	1.00	
6	1.00	1.50	
7	1.50	2.00	
8	2.00	5.67	

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
		By	Date
Survey	SURVEYWORX		02/2021
Design	MA		02/2025
Drawn	MA		02/2025
Checked	JP		02/2025



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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
CUT/FILL
PLAN: SHEET 5**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C210.DWG		
Drawing no.	M-C215	Rev	A

DATE: 27/25 FILE PATH: \\M:\Maven\Consulting\CD\2\Share\Current\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCT\MASTER PLANNING\215010-M-C216.DWG



OLD WAIROA ROAD

COSGRAVE ROAD

- NOTES
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LEGEND

---	EX BDY
---	PROP BDY
---	PROP EXTENT WORK
---	SUPER LOT BDY

Elevations Table			
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6	1.00	1.50	
7	1.50	2.00	
8	2.00	5.67	

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	MA	02/2025	
Drawn	MA	02/2025	
Checked	JP	02/2025	

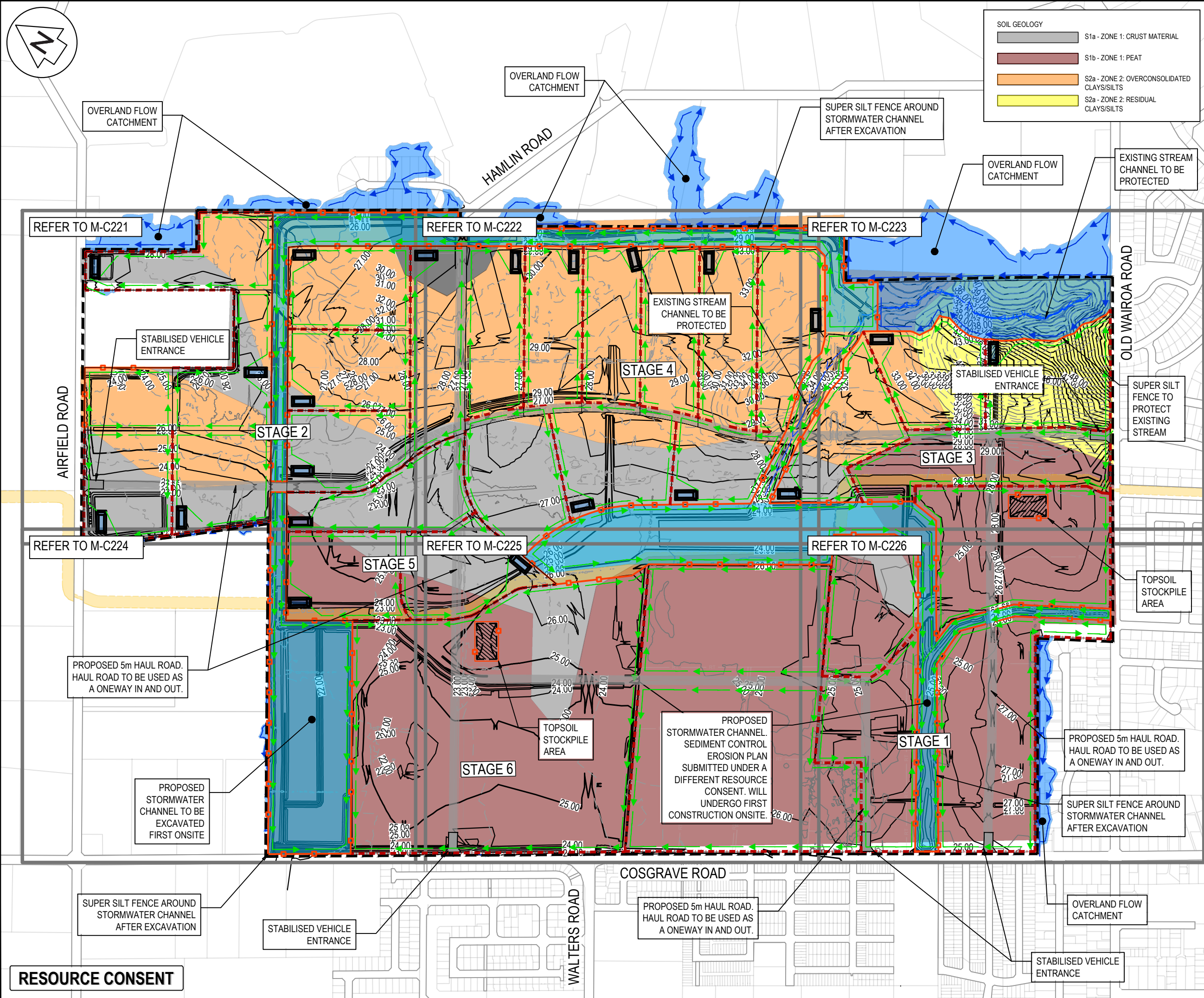
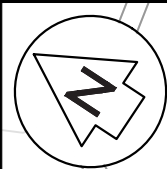


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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
CUT/FILL
PLAN: SHEET 6**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C210.DWG		
Drawing no.	M-C216	Rev	A



SOIL GEOLOGY

- S1a - ZONE 1: CRUST MATERIAL
- S1b - ZONE 1: PEAT
- S2a - ZONE 2: OVERCONSOLIDATED CLAYS/SILTS
- S2a - ZONE 2: RESIDUAL CLAYS/SILTS

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE AUCKLAND VERTICAL DATUM 1946.
 4. ORIGIN OF LEVELS = SM XXXX SO XXXX(XXXX) PUBLISHED RL=XX.XX, SOURCED FROM THE LINZ DIGITAL GEODETIC DATABASE.
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 10. SEDIMENT CONTROL TO COMPLY WITH GD05 STANDARDS.

LEGEND

- EX BDY
- PROP BDY
- EX MAJOR CONTOUR
- EX MINOR CONTOUR
- PR MAJOR CONTOUR
- PR MINOR CONTOUR
- PROP EXTENT WORK
- PROP CLEANWATER
- PROP DIRTYWATER
- PROP SILT FENCE
- PROP CATCHMENT
- DIVERSION BUND
- PROP STOCKPILE

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	Survey	MA	02/2025
	Design	MA	02/2025
	Drawn	MA	02/2025
	Checked	JP	02/2025

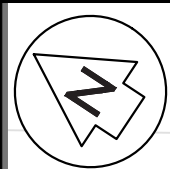
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Project
**SUNFIELD DEVELOPMENT
AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENT LTD**

Title
**PROPOSED SEDIMENT
EROSION CONTROL
PLAN - OVERVIEW**

Project no.	215010
Scale	1:7500 @ A3
Cad file	215010-M-C220.DWG
Drawing no.	M-C220
Rev	A

DATE: 27/25 FILE PATH: \\MVEN\WORKING\CONSULTING\CURRENT\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3 - PRODUCTION\MASTER PLANNING\215010-M-C220.DWG



OVERLAND FLOW
CATCHMENT

SEDIMENT EROSION POND 4
CATCHMENT AREA = 45914m²
BASE AREA 12.1m x 36m
DEPTH 1.50m
TOP = 18m x 44m
FOREBAY = 5m x 18m
TOTAL AREA = 880m²

CLEAN WATER/DIRTY WATER
PERIMETER BUND AROUND
AWAKERI WETLANDS SITE
BOUNDARY. BUND TO BE
CONSTRUCTED 0.5m ABOVE
EXISTING GROUND LEVEL

SEDIMENT EROSION POND 3
CATCHMENT AREA = 41902m²
BASE AREA 11.4m x 34m
DEPTH 1.50m
TOP = 17m x 42m
FOREBAY = 5m x 17m
TOTAL AREA = 811m²

SEDIMENT EROSION POND 7
CATCHMENT AREA = 46666m²
BASE AREA 12.2m x 37m
DEPTH 1.50m
TOP = 18m x 44m
FOREBAY = 5m x 18m
TOTAL AREA = 893m²

SEDIMENT EROSION POND 6
CATCHMENT AREA = 45309m²
BASE AREA 12.0m x 36m
DEPTH 1.50m
TOP = 18m x 43m
FOREBAY = 5m x 18m
TOTAL AREA = 870m²

SEDIMENT EROSION POND 5
CATCHMENT AREA = 42369m²
BASE AREA 11.0m x 34m
DEPTH 1.50m
TOP = 17m x 42m
FOREBAY = 5m x 17m
TOTAL AREA = 819m²

SEDIMENT EROSION POND 2
CATCHMENT AREA = 43707m²
BASE AREA 11.7m x 35m
DEPTH 1.50m
TOP = 18m x 43m
FOREBAY = 5m x 18m
TOTAL AREA = 842m²

STABILISED VEHICLE
ENTRANCE

SEDIMENT EROSION POND 1
CATCHMENT AREA = 44643m²
BASE AREA 11.9m x 21m
DEPTH 1.50m
TOP = 18m x 28m
FOREBAY = 5m x 18m
TOTAL AREA = 596m²

PROPOSED 5m HAUL ROAD.
HAUL ROAD TO BE USED AS
A ONEWAY IN AND OUT.

SEDIMENT EROSION POND 20
CATCHMENT AREA = 47693m²
BASE AREA 12.3m x 37m
DEPTH 1.50m
TOP = 18m x 44m
FOREBAY = 5m x 18m
TOTAL AREA = 911m²

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
 3. LEVELS IN TERMS OF THE AUCKLAND VERTICAL DATUM 1946.
 4. ORIGIN OF LEVELS = SM XXXX SO XXXX(XXXX) PUBLISHED RL=XX.XX, SOURCED FROM THE LINZ DIGITAL GEODETIC DATABASE.
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 9. CONTRACTOR SHALL PROVIDE AS-BUILT OF WORKING SEDIMENT CONTROL DEVICES AND CONFIRMATION OF POND/DECENT VOLUMES TO ENGINEER.
 10. SEDIMENT CONTROL TO COMPLY WITH GD05 STANDARDS.

LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	PROP EXTENT WORK
	PROP CLEANWATER
	PROP DIRTYWATER
	PROP SILT FENCE
	PROP CATCHMENT
	DIVERSION BUND
	PROP STOCKPILE

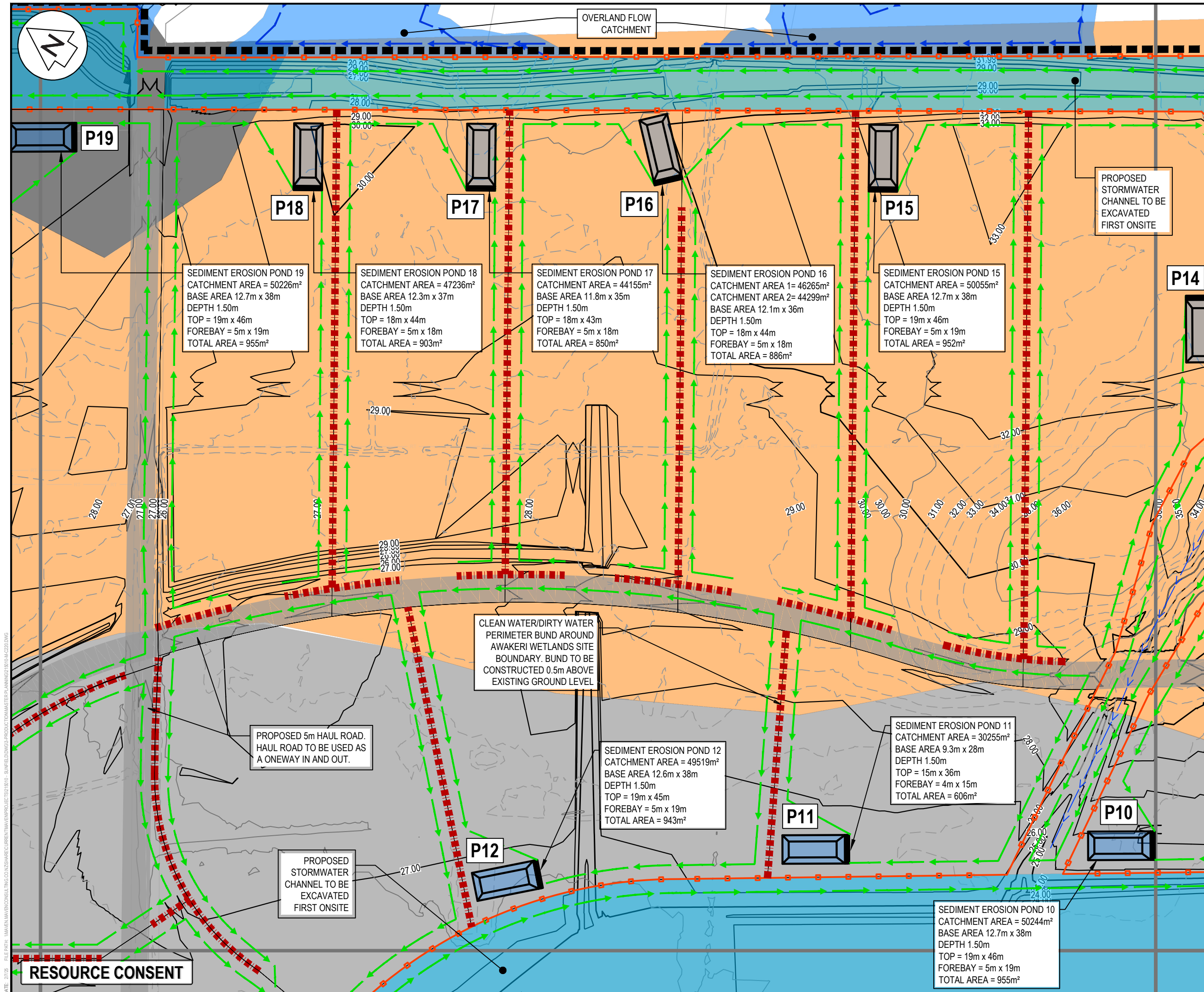
A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	Survey	SURVEYWORX	02/2021
	Design	MA	02/2025
	Drawn	MA	02/2025
	Checked	JP	02/2025



Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED SEDIMENT
EROSION CONTROL
PLAN: SHEET 1**

Project no.	215010
Scale	1:2500 @ A3
Cad file	215010-M-C220.DWG
Drawing no.	M-C221
Rev	A



NOTES

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

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	PROP EXTENT WORK
	PROP CLEANWATER
	PROP DIRTYWATER
	PROP SILT FENCE
	PROP CATCHMENT
	DIVERSION BUND
	PROP STOCKPILE

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	Survey	SURVEYWORX	02/2021
	Design	MA	02/2025
	Drawn	MA	02/2025
	Checked	JP	02/2025

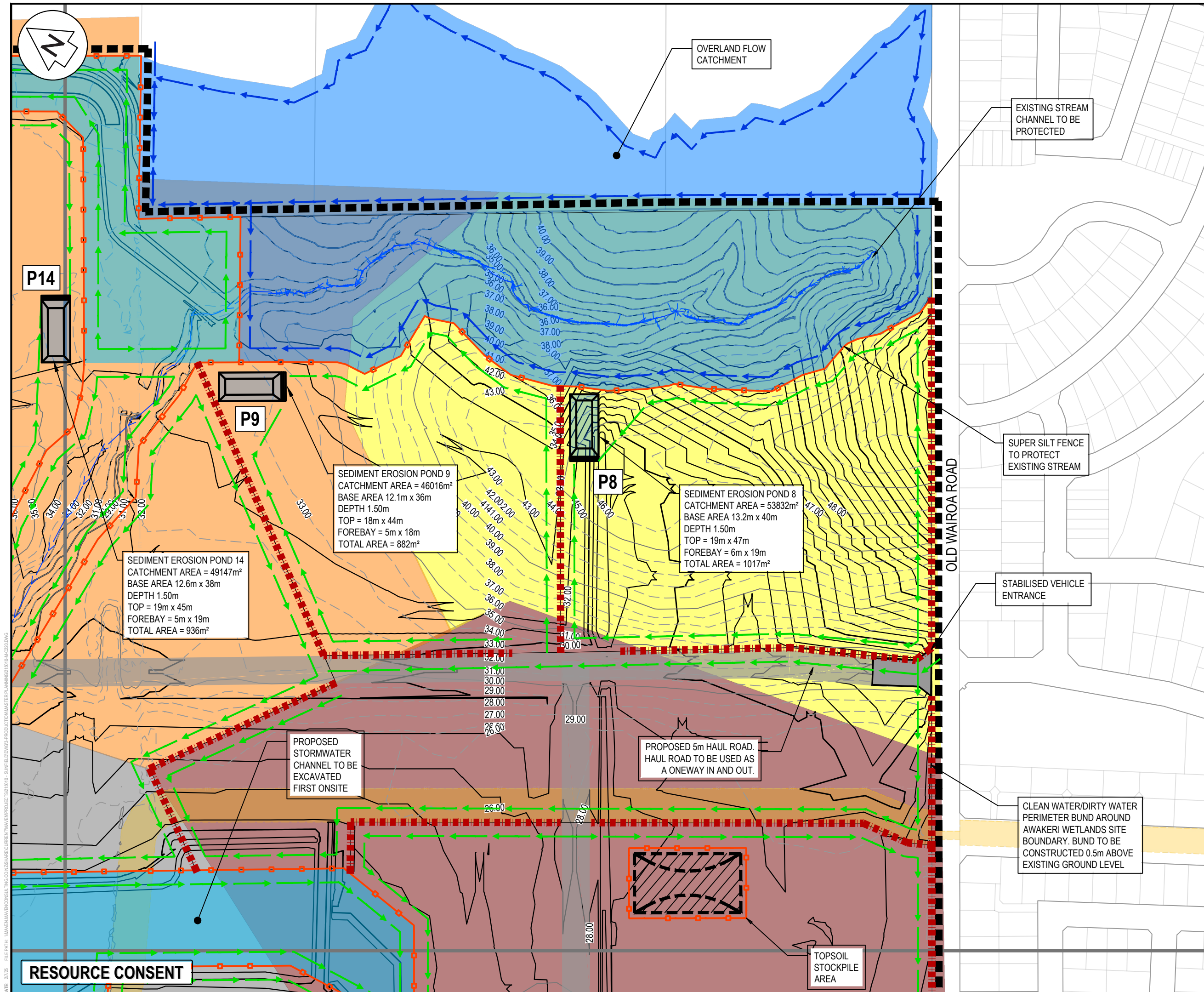
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED SEDIMENT
EROSION CONTROL
PLAN: SHEET 2**

Project no.	215010
Scale	1:2500 @ A3
Cad file	215010-M-C220.DWG
Drawing no.	M-C222
Rev	A

DATE: 27/25 FILE PATH: \\MVEN\MAVEN\CONSULTING\CD\NZSHARE\CURRENT\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\MASTER PLANNING\215010-M-C220.DWG



NOTES

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10. SEDIMENT CONTROL TO COMPLY WITH GD05 STANDARDS.

LEGEND

EX BDY	EX MAJOR CONTOUR	PR MAJOR CONTOUR	PR MINOR CONTOUR	PROP EXTENT WORK	PROP CLEANWATER	PROP DIRTYWATER	PROP SILT FENCE	PROP CATCHMENT	DIVERSION BUND	PROP STOCKPILE
--------	------------------	------------------	------------------	------------------	-----------------	-----------------	-----------------	----------------	----------------	----------------

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	MA	02/2025	
Drawn	MA	02/2025	
Checked	JP	02/2025	

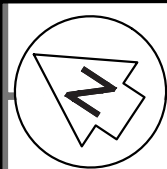
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED SEDIMENT
EROSION CONTROL
PLAN: SHEET 2**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C220.DWG		
Drawing no.	M-C223	Rev	A

DATE: 27/25 FILE PATH: \\MVEN\WAVENCONSULTING\CD\NZSHARED\CURRENT\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCT\MASTER PLANNING\215010-M-C220.DWG



AIRFIELD ROAD

MILL ROAD

CLEAN WATER/DIRTY WATER PERIMETER BUND AROUND AWAKERI WETLANDS SITE BOUNDARY. BUND TO BE CONSTRUCTED 0.5m ABOVE EXISTING GROUND LEVEL

PROPOSED STORMWATER CHANNEL TO BE EXCAVATED FIRST ONSITE

P21

SEDIMENT EROSION POND 21
CATCHMENT AREA = 46795m²
BASE AREA 12.2m x 37m
DEPTH 1.50m
TOP = 18m x 44m
FOREBAY = 5m x 18m
TOTAL AREA = 895m²

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
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 10. SEDIMENT CONTROL TO COMPLY WITH GD05 STANDARDS.

LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	PROP EXTENT WORK
	PROP CLEANWATER
	PROP DIRTYWATER
	PROP SILT FENCE
	PROP CATCHMENT
	DIVERSION BUND
	PROP STOCKPILE

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	Survey	SURVEYWORX	02/2021
	Design	MA	02/2025
	Drawn	MA	02/2025
	Checked	JP	02/2025

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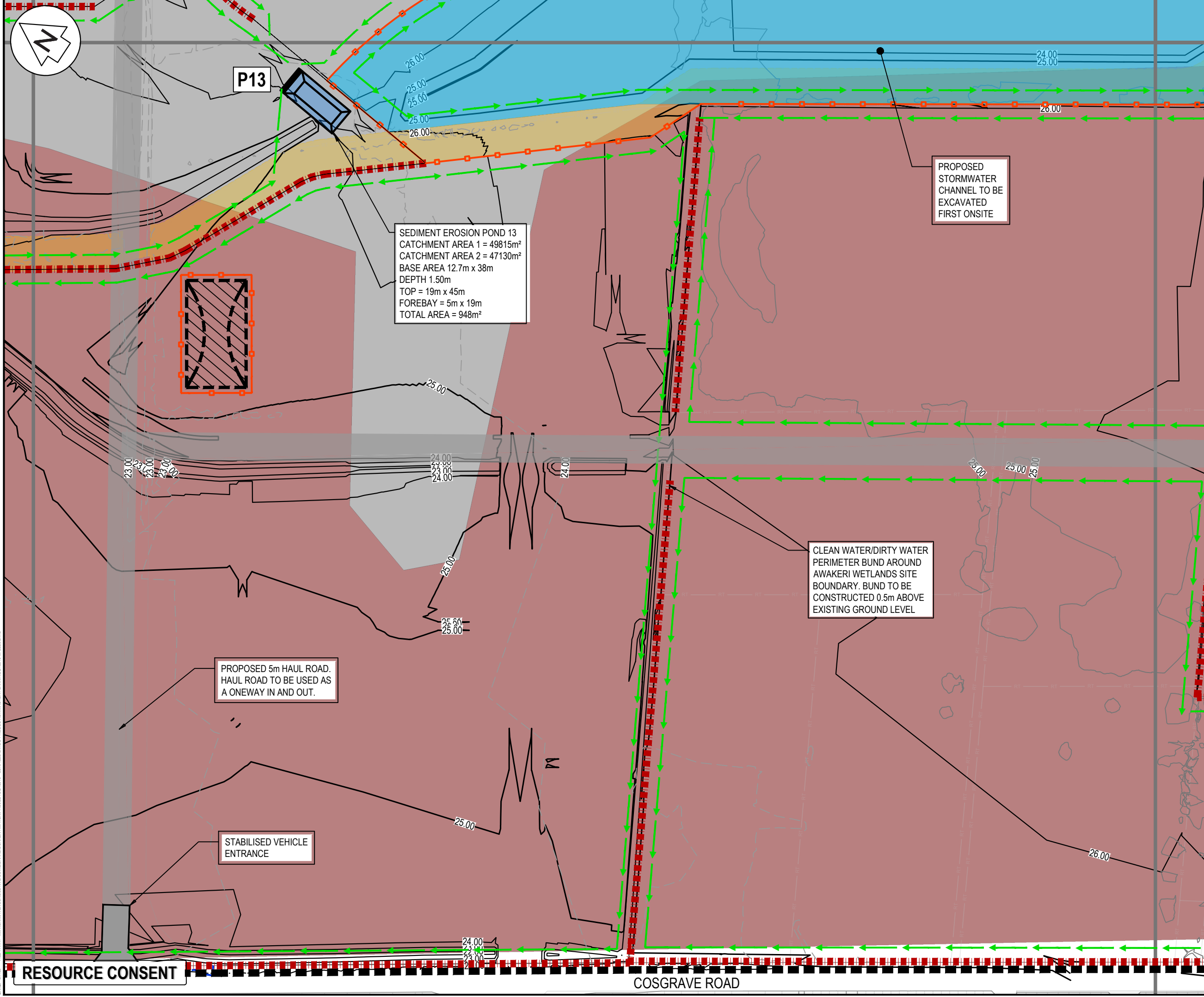
Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED SEDIMENT
EROSION CONTROL
PLAN: SHEET 4**

Project no.	215010
Scale	1:2500 @ A3
Cad file	215010-M-C220.DWG
Drawing no.	M-C224
Rev	A

RESOURCE CONSENT

DATE: 27/25 FILE PATH: \\MAVEN\MAVENCONSULTING\CD\NZSHARE\CURRENT\MAVEN\PROJECTS\215010 - SUNFIELD\DWG3-PRODUCTION\MASTER PLANNING\215010-M-C220.DWG



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
3. LEVELS IN TERMS OF THE AUCKLAND VERTICAL DATUM 1946.
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---	PROP BDY
---	EX MAJOR CONTOUR
---	EX MINOR CONTOUR
---	PR MAJOR CONTOUR
---	PR MINOR CONTOUR
---	PROP EXTENT WORK
---	PROP CLEANWATER
---	PROP DIRTYWATER
---	PROP SILT FENCE
---	PROP CATCHMENT
---	DIVERSION BUND
---	PROP STOCKPILE

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	Survey	SURVEYWORX	02/2021
	Design	MA	02/2025
	Drawn	MA	02/2025
	Checked	JP	02/2025

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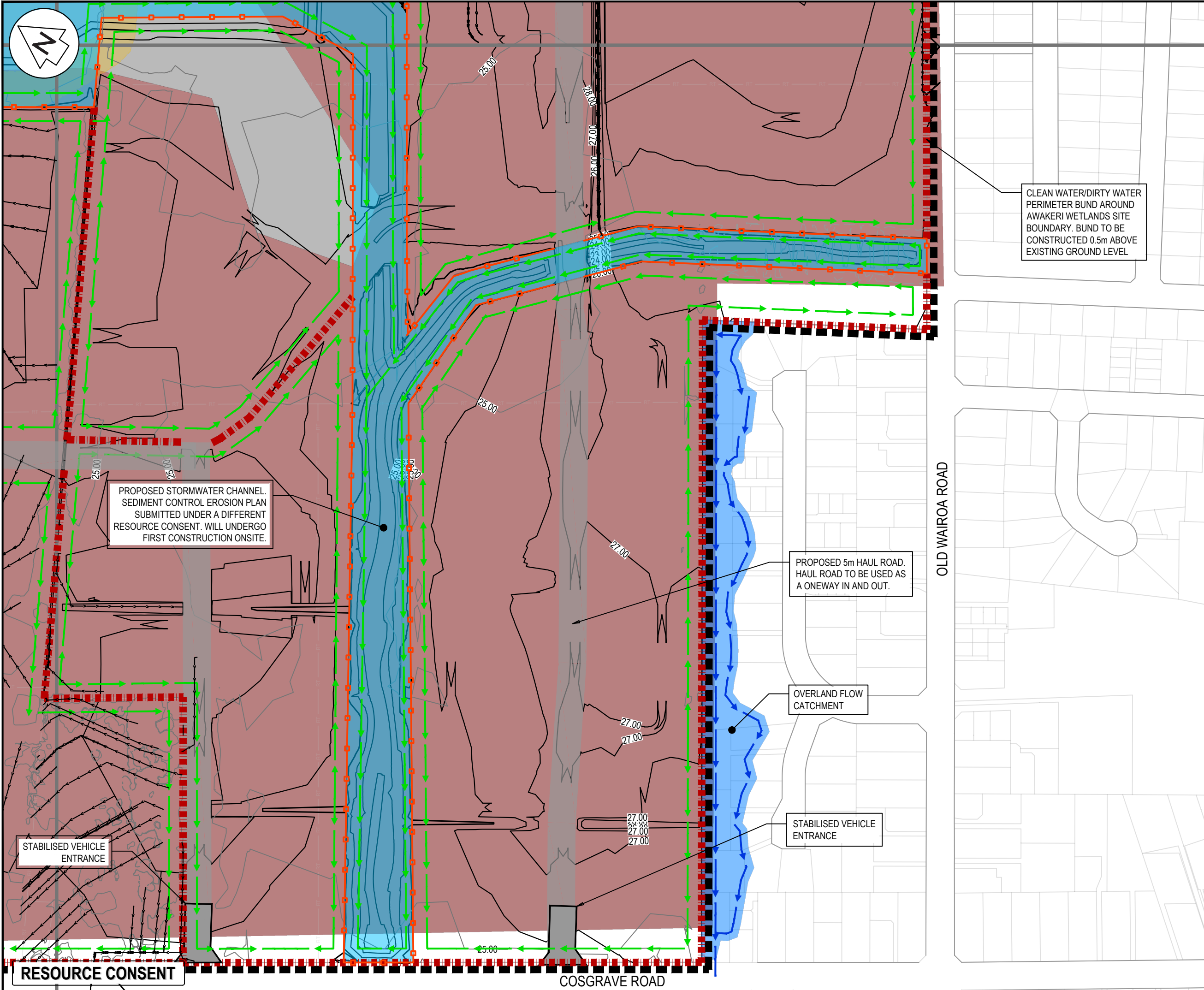
Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED SEDIMENT
EROSION CONTROL
PLAN: SHEET 5**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C220.DWG		
Drawing no.	M-C225	Rev	A

RESOURCE CONSENT

COSGRAVE ROAD



NOTES

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LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	PROP EXTENT WORK
	PROP CLEANWATER
	PROP DIRTYWATER
	PROP SILT FENCE
	PROP CATCHMENT
	DIVERSION BUND
	PROP STOCKPILE

A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
Survey	SURVEYWORX		02/2021
Design	MA		02/2025
Drawn	MA		02/2025
Checked	JP		02/2025

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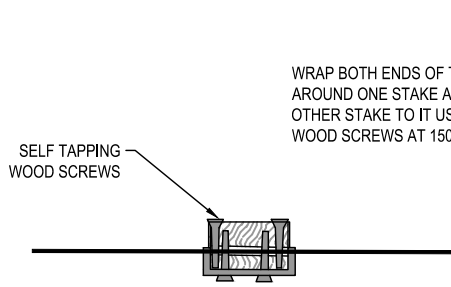
Project

**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

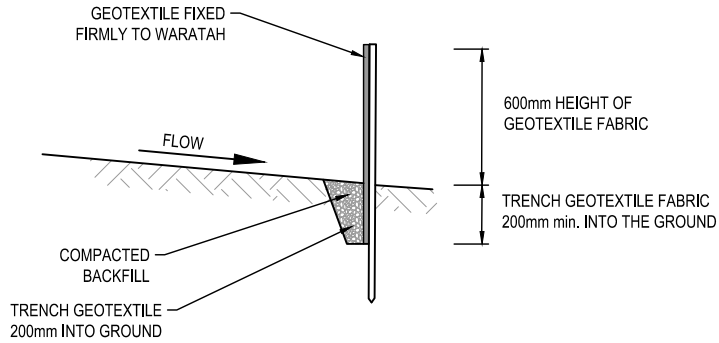
Title

**PROPOSED SEDIMENT
EROSION CONTROL
PLAN: SHEET 6**

Project no.	215010		
Scale	1:2500 @ A3		
Cad file	215010-M-C220.DWG		
Drawing no.	M-C226	Rev	A

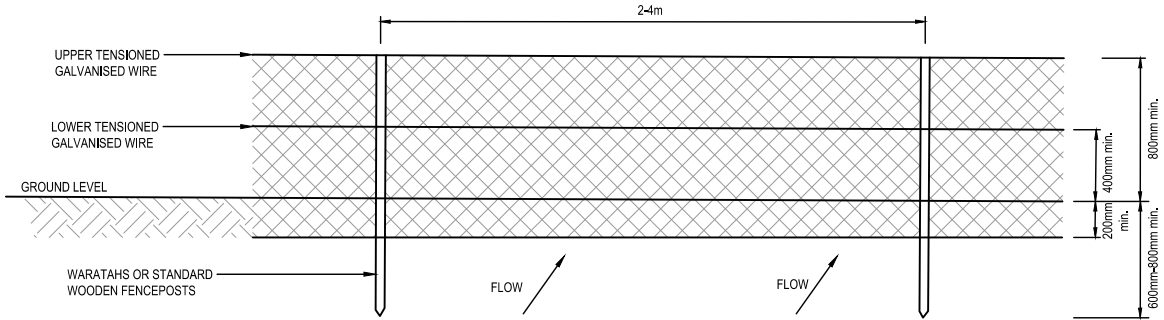


STANDARD DETAIL FOR FABRIC JOIN



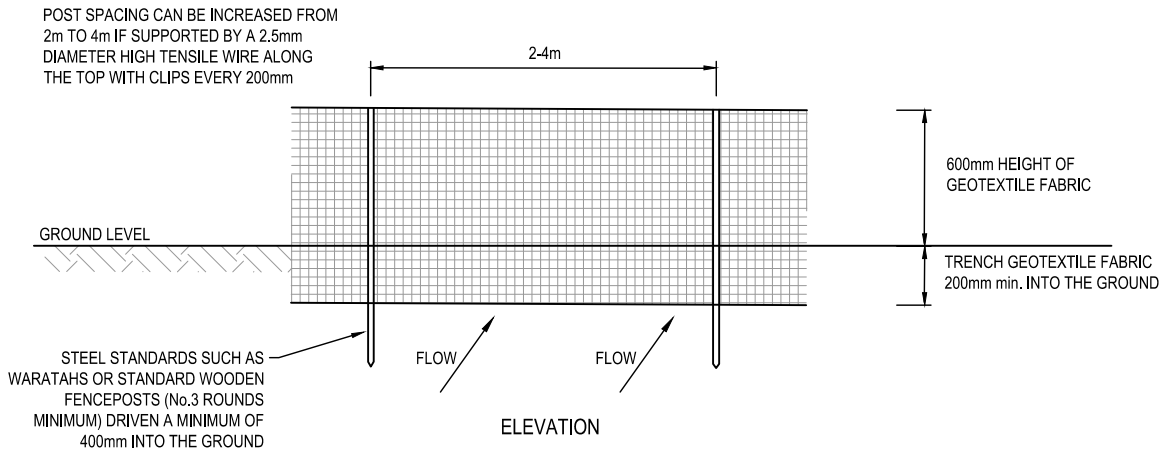
CROSS SECTION

SUPER SILT FENCE DETAIL

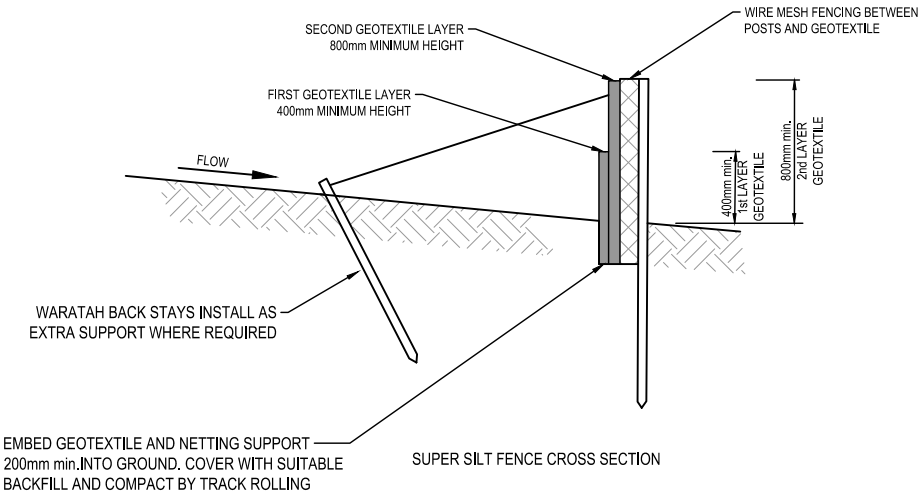
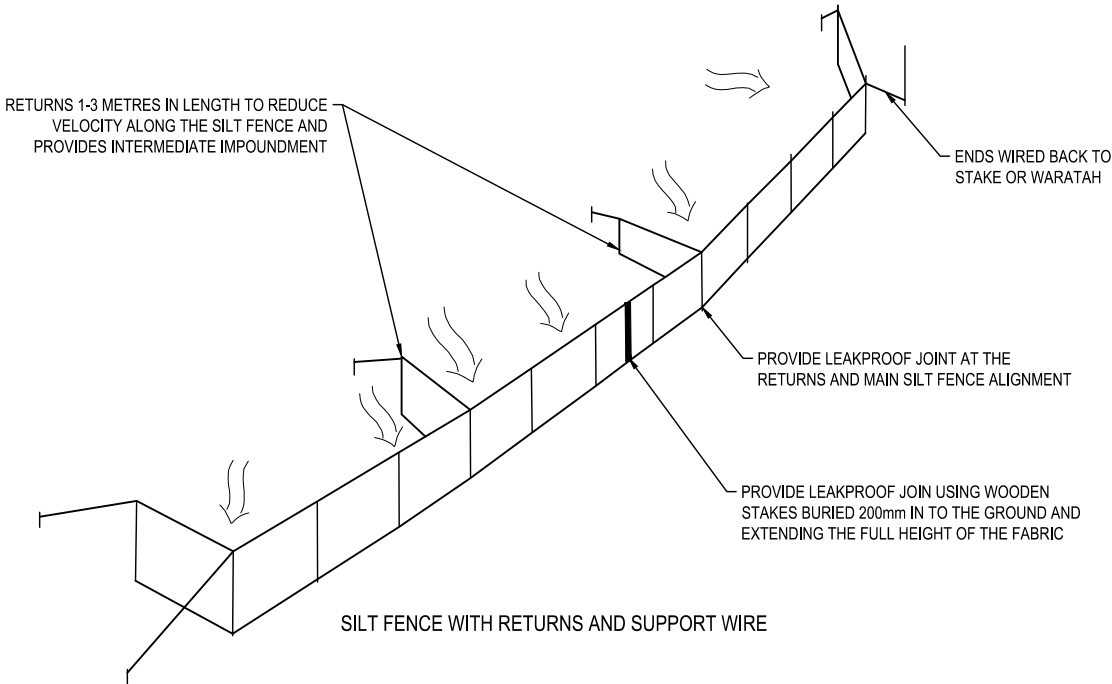


ELEVATION

STANDARD DETAIL FOR SILT FENCE



ELEVATION



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

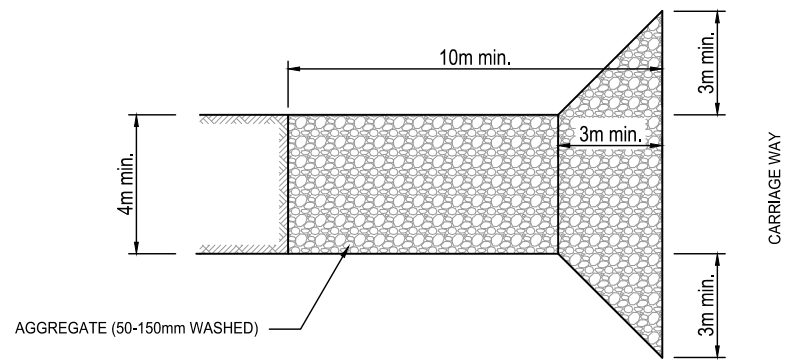
M **Maven Associates**
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

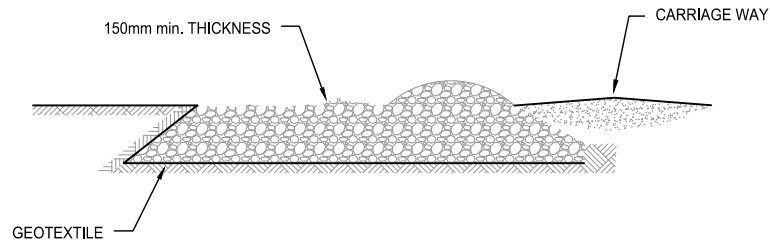
Title
**PROPOSED SEDIMENT
EROSION CONTROL
DETAILS: SHEET 1**

Project no.	215010
Scale	N.T.S
Cad file	215010-M-C230.DWG
Drawing no.	M-C230
Rev	A

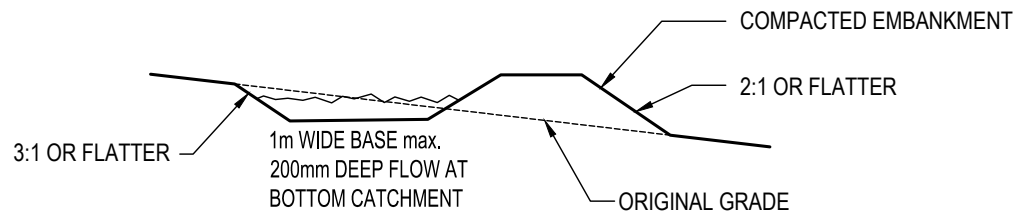
RESOURCE CONSENT



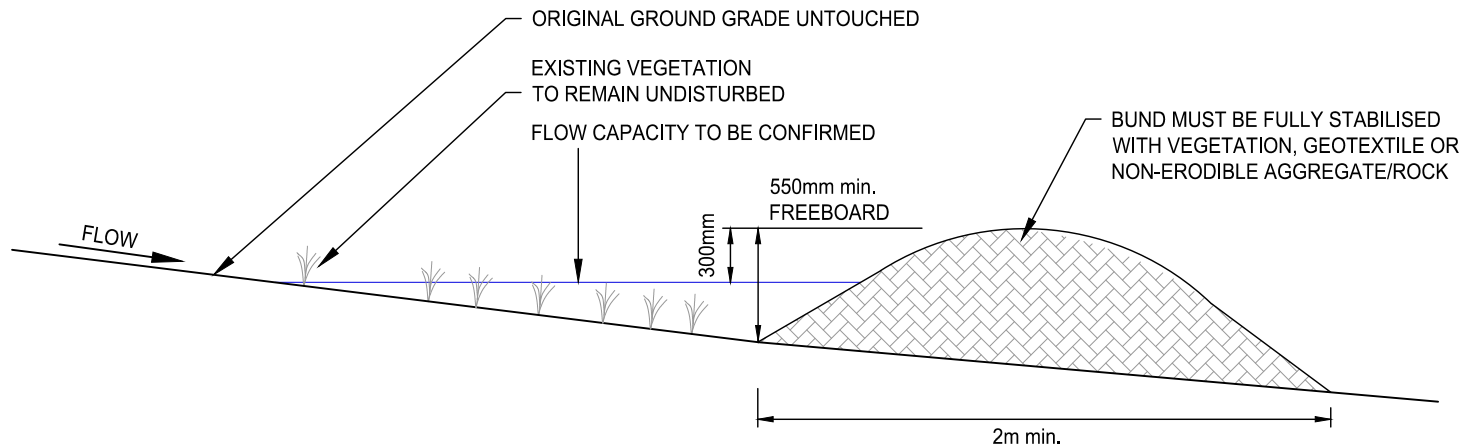
STABALISED VEHICLE ENTRANCE
PLAN VIEW



STABALISED VEHICLE ENTRANCE DETAIL
SIDE ELEVATION



TYPICAL CROSS SECTION OF A RUNOFF DIVERSION
TYPICAL DIMENSIONS UNLESS OTHERWISE NOTED



CLEAN WATER DIVERSION BUND DETAIL

- NOTES
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A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
		By	Date
Survey	--	--	----
Design	--	-	
Drawn	MA		02/2025
Checked	JP/LC		02/2025

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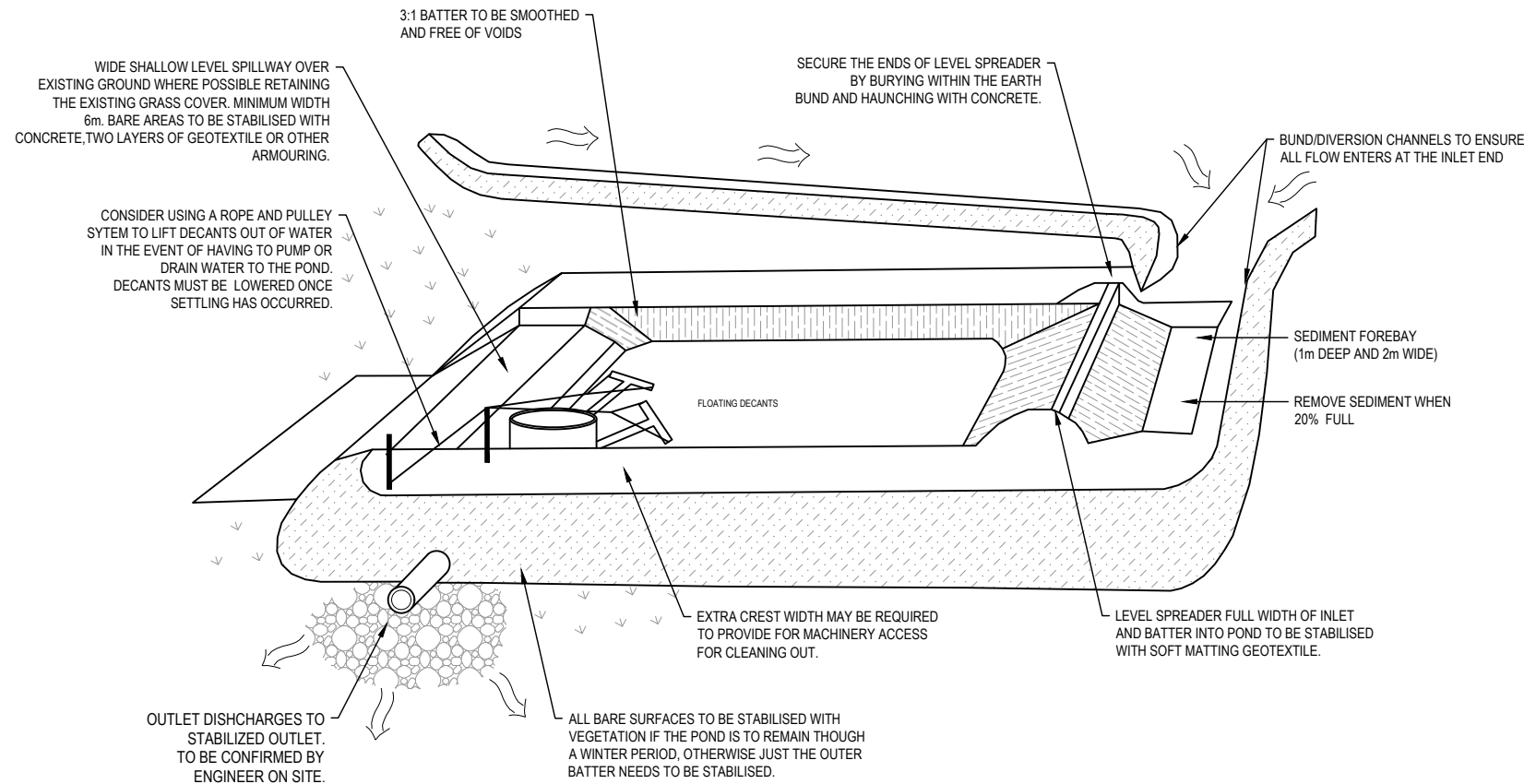
Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED SEDIMENT
EROSION CONTROL
DETAILS: SHEET 2**

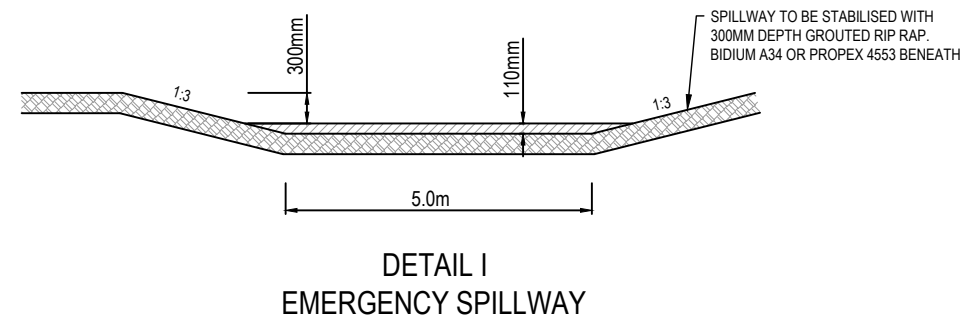
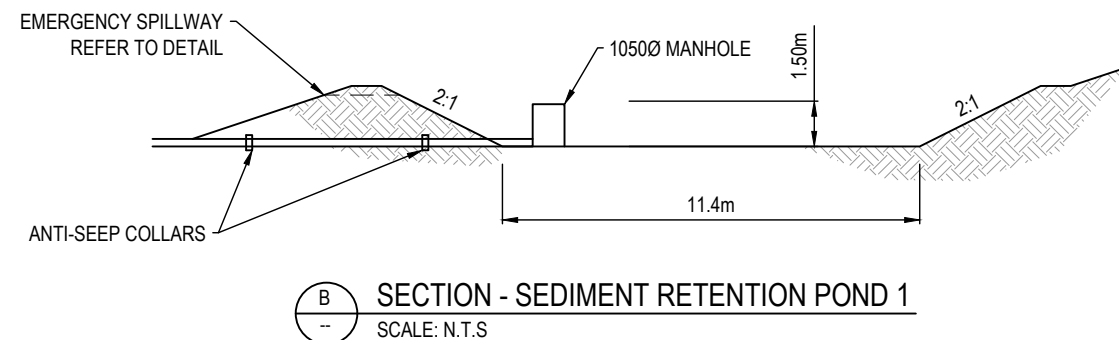
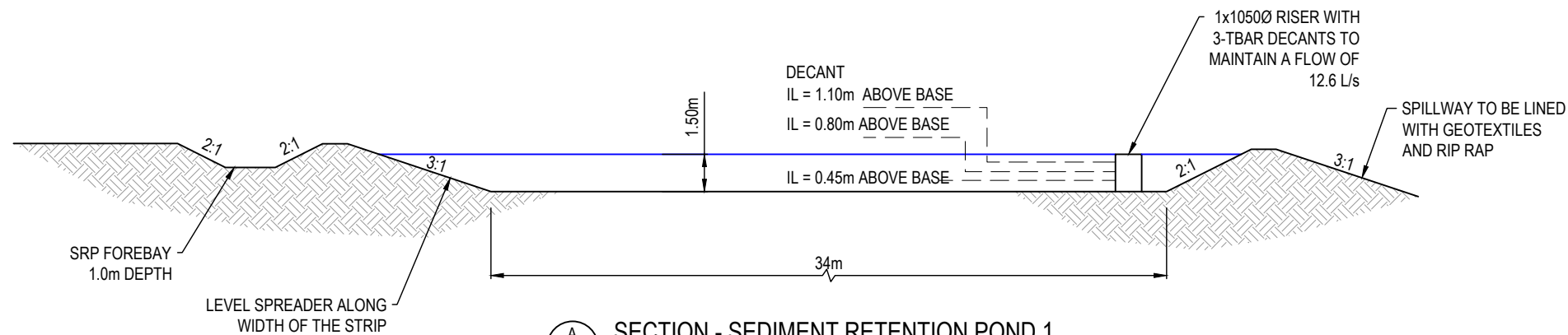
Project no.	215010
Scale	N.T.S
Cad file	215010-M-C230.DWG
Drawing no.	M-C231
Rev	A

RESOURCE CONSENT

DATE: 27/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CD\N2\HARDCURRENT\MAVEN\PROJECTS\19170 - SUNFIELD DWG\PRODUCTION\MASTER PLANNING\191014\CD\230.DWG



SEDIMENT POND DETAILS
(NTS)



- NOTES
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A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
Survey	--		--/--
Design	--		-
Drawn	MA		02/2025
Checked	JP/LC		02/2025

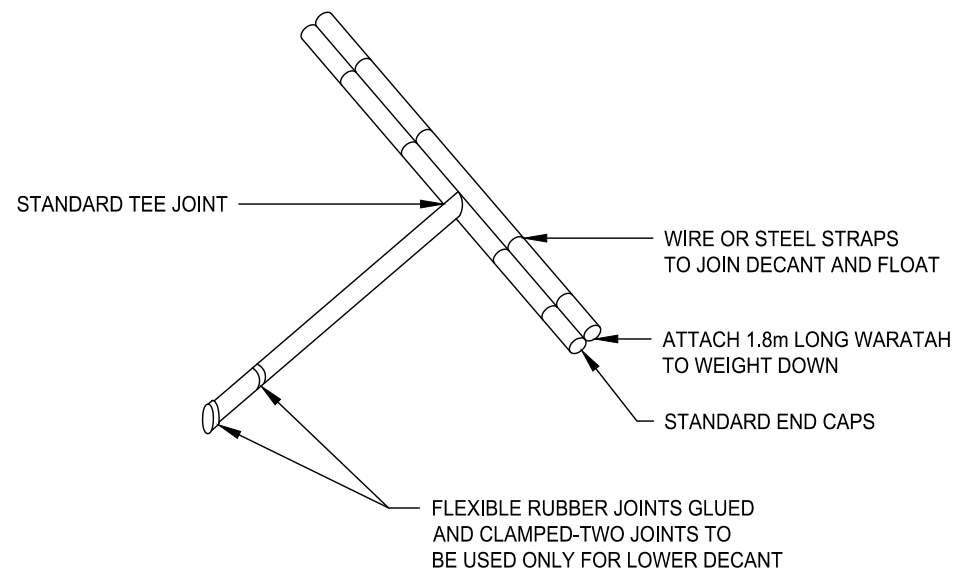
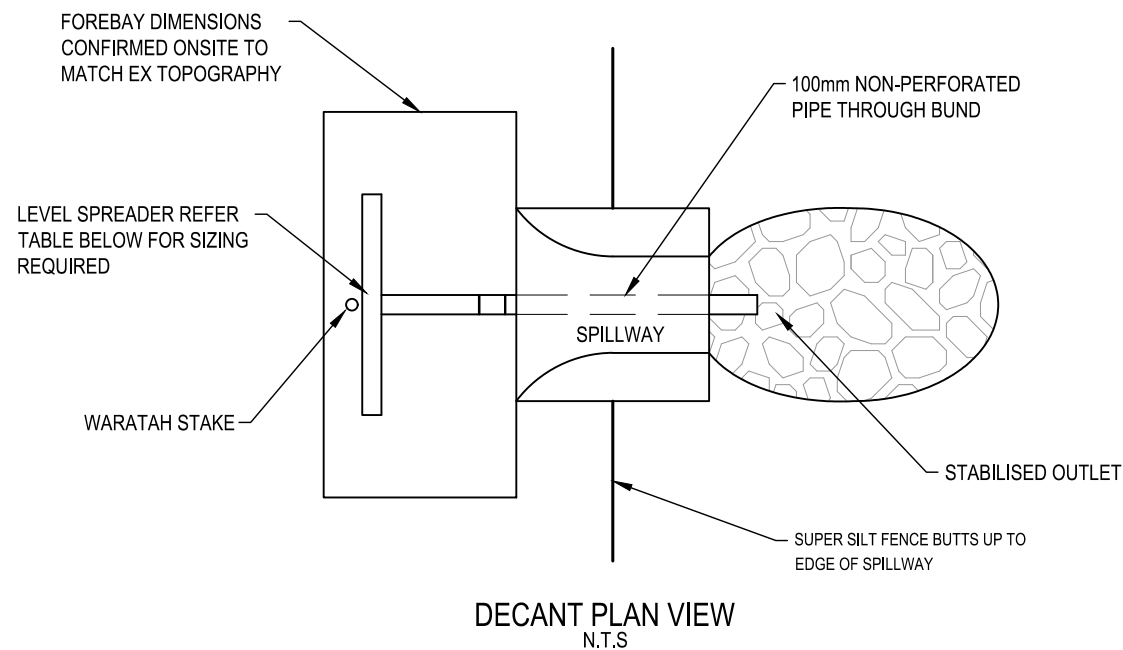
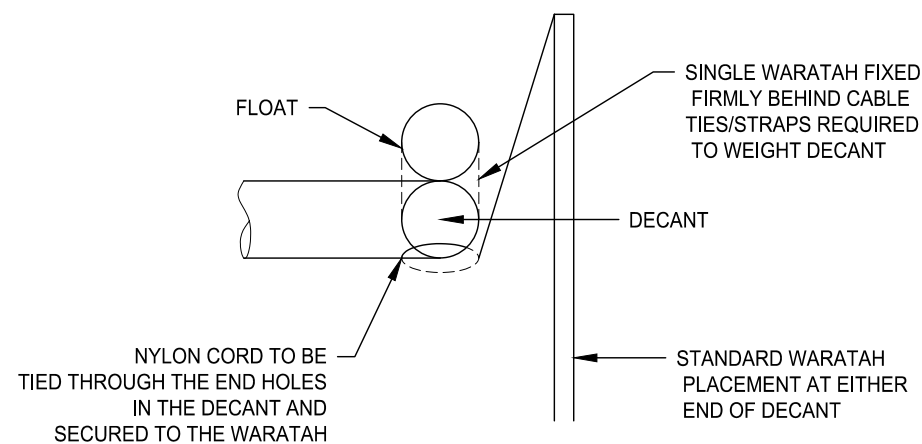
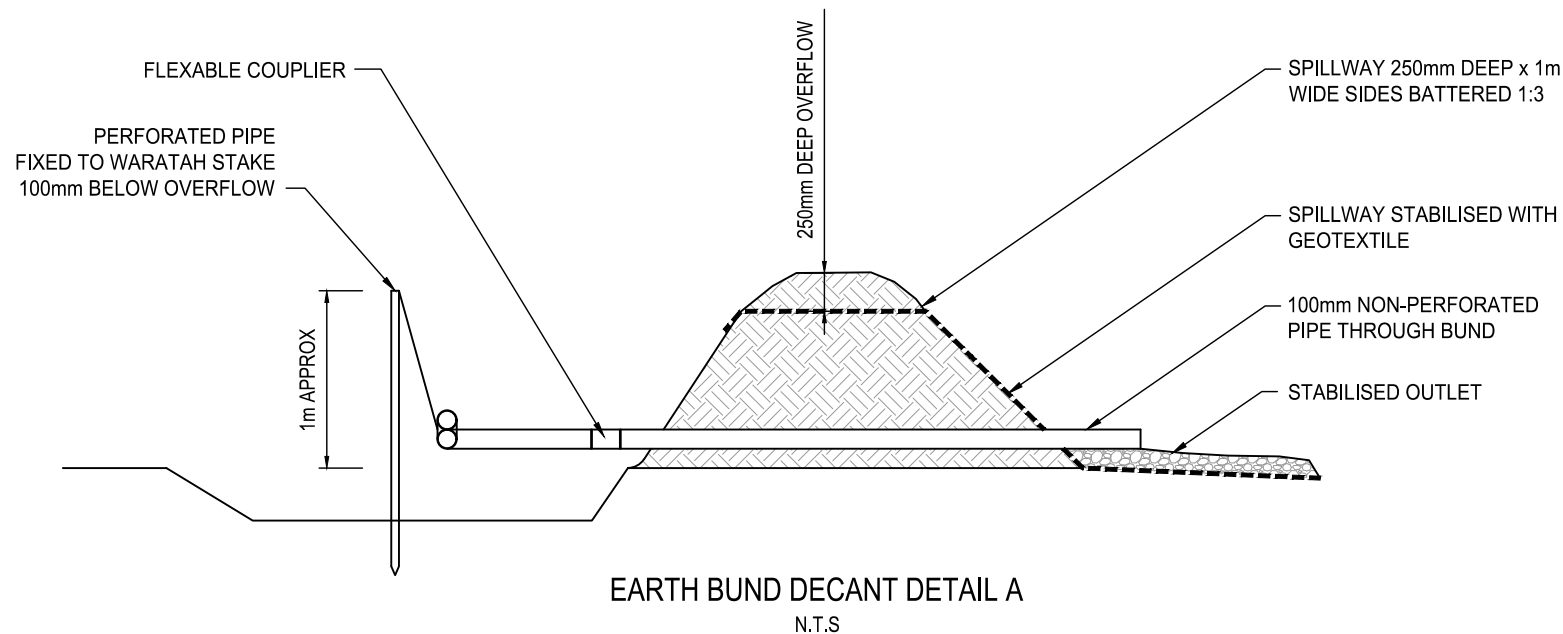
M **Maven Associates**
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED SEDIMENT
EROSION CONTROL
DETAILS: SHEET 3**

Project no.	215010
Scale	N.T.S
Cad file	215010-M-C230.DWG
Drawing no.	M-C232
Rev	A

RESOURCE CONSENT



LEVEL SPREADER DESIGN CRITERIA (20 YEAR STORM EVENT)				
DESIGN FLOW (m ³ /sec)	INLET WIDTH (m)	DEPTH (m)	END WIDTH (m)	LENGTH (mm)
0-0.3	3	150	1	3
0.3-0.6	5	180	1	7
0.6-0.9	7	220	1	10

- NOTES**
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A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
Survey	--	--	----
Design	--	-	
Drawn	MA		02/2025
Checked	JP/LC		02/2025

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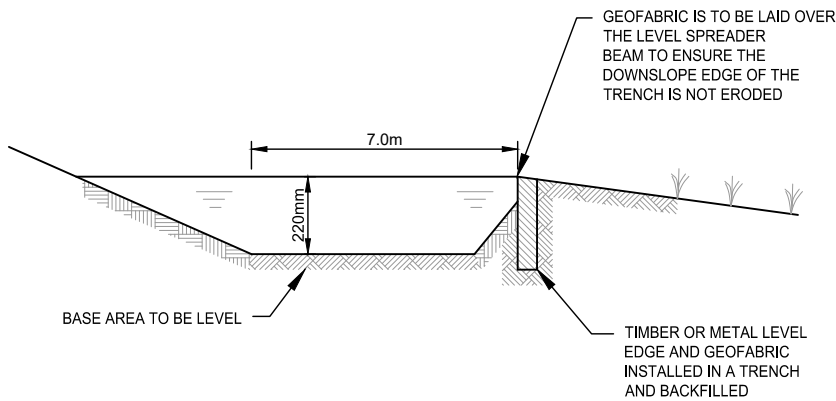
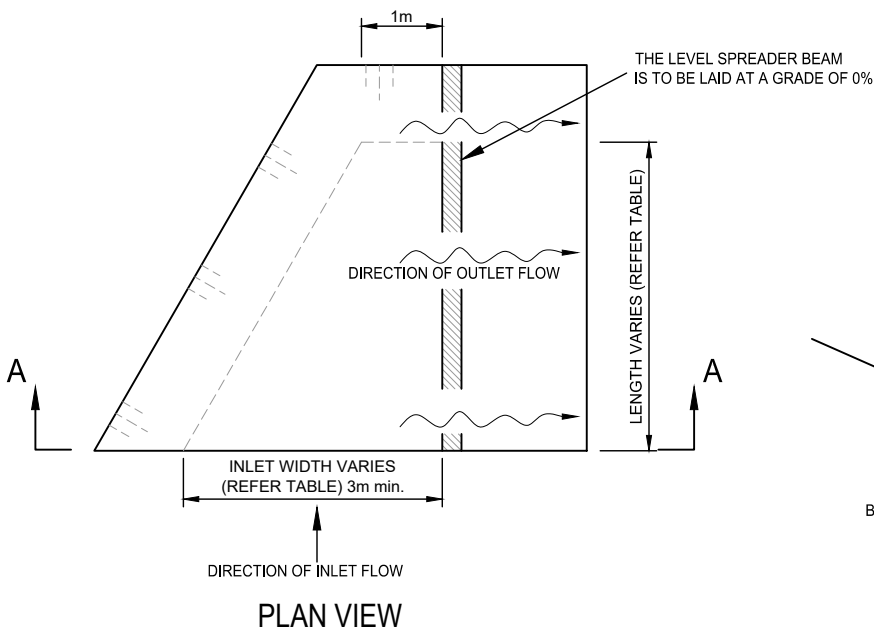
Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED SEDIMENT
EROSION CONTROL
DETAILS: SHEET 4**

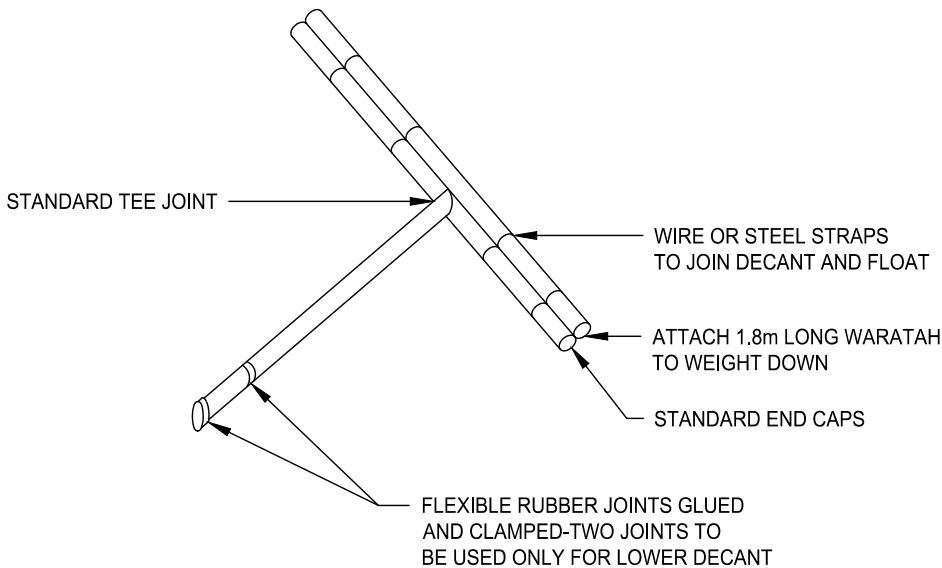
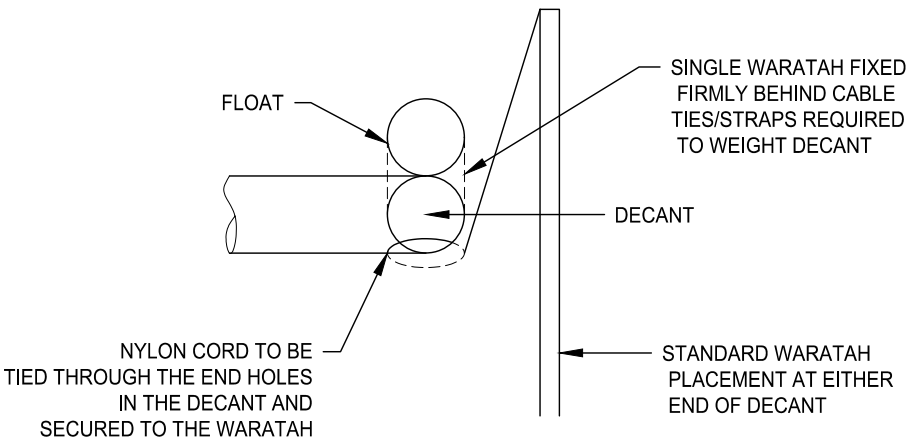
Project no.	215010
Scale	N.T.S
Cad file	215010-M-C230.DWG
Drawing no.	M-C233
Rev	A

RESOURCE CONSENT

DATE: 27/25 FILE PATH: \\MAVEN\MAVEN\CONSULTING\CD\N2\SHARE\CURRENT\MAVEN\PROJECTS\15010 - SUNFIELD\DWG\1-PRODUCTION\MASTER PLANNING\15010-04-C230.DWG



LEVEL SPREADER DESIGN CRITERIA (20 YEAR STORM EVENT)				
DESIGN FLOW (m ³ /sec)	INLET WIDTH (m)	DEPTH (m)	END WIDTH (m)	LENGTH (mm)
0-0.3	3	150	1	3
0.3-0.6	5	180	1	7
0.6-0.9	7	220	1	10



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A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
		By	Date
Survey	--	--	----
Design	--	-	
Drawn	MA		02/2025
Checked	JP/LC		02/2025

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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED SEDIMENT
EROSION CONTROL
DETAILS: SHEET 5**

Project no.	215010
Scale	N.T.S
Cad file	215010-M-C230.DWG
Drawing no.	M-C234
Rev	A

RESOURCE CONSENT