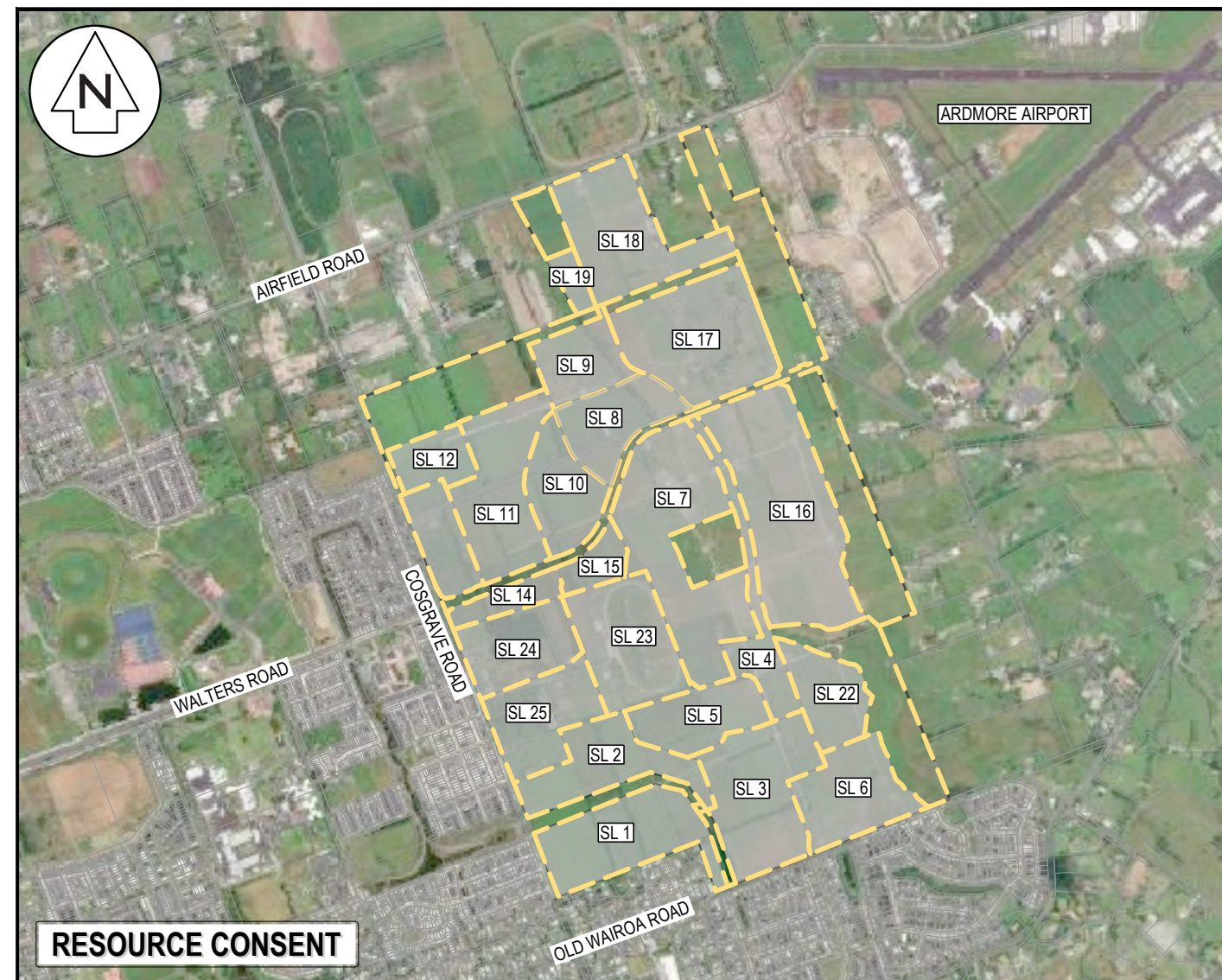


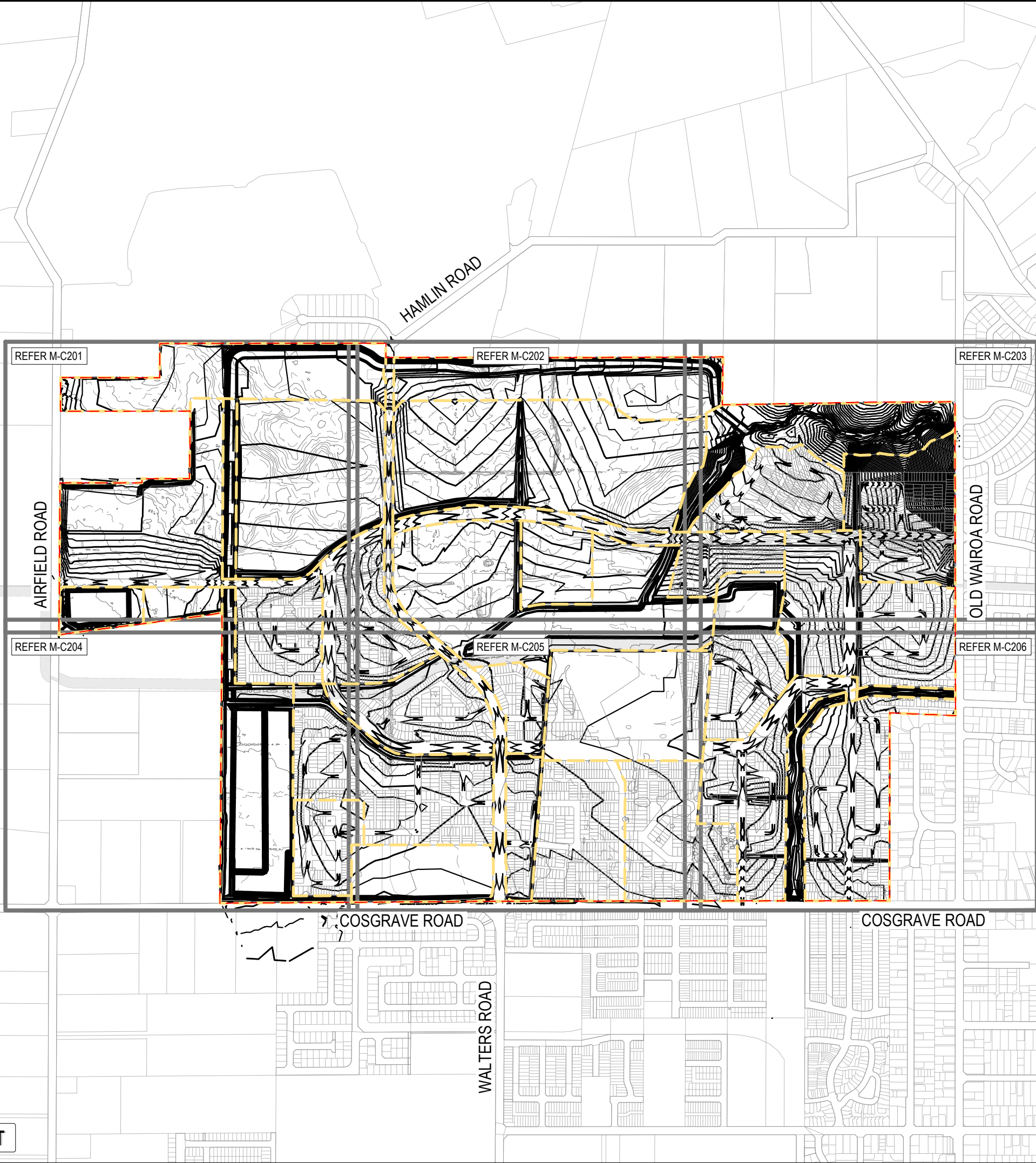
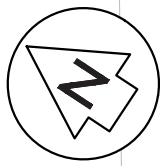
SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND MASTER PLANNING

FOR
SUNFIELD DEVELOPMENTS LIMITED



LOCALITY PLAN
SCALE: N.T.S

PROJECT NUMBER : 215010
ISSUED DATE : 10/10/25



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM (NZVD) 2016.
 3. ORIGIN OF LEVELS = SM 5812 SO 58209 (BUUS) PUBLISHED RL=30.588. SOURCED FROM THE LINZ DIGITAL GEODETIC DATABASE.
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 9. SEDIMENT CONTROL TO COMPLY WITH GD05 STANDARDS.

LEGEND

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

B	SUBMISSION RESPONSE	CE	10/2025
A	RESOURCE CONSENT	CE	02/2025
Rev	Description	By	Date
		By	Date
Survey	SURVEYWORX		02/2021
Design	CE		02/2025
Drawn	CE		02/2025
Checked	JP		02/2025

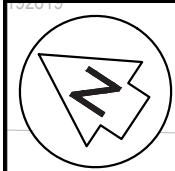
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED OVERVIEW
EARTHWORKS
PLAN**

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

RESOURCE CONSENT



LOT 1 DP 47508

BLK XV DP 192819

LOT 1 BLK XV DP 22141

P 20982

AIRFIELD ROAD

SL 18

SL 17

SL 19

SL 9

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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

B	SUBMISSION RESPONSE	CE	10/2025
A	RESOURCE CONSENT	CE	02/2025
Rev	Description	By	Date
		By	Date
Survey	SURVEYWORX		02/2021
Design	CE		02/2025
Drawn	CE		02/2025
Checked	JP		02/2025



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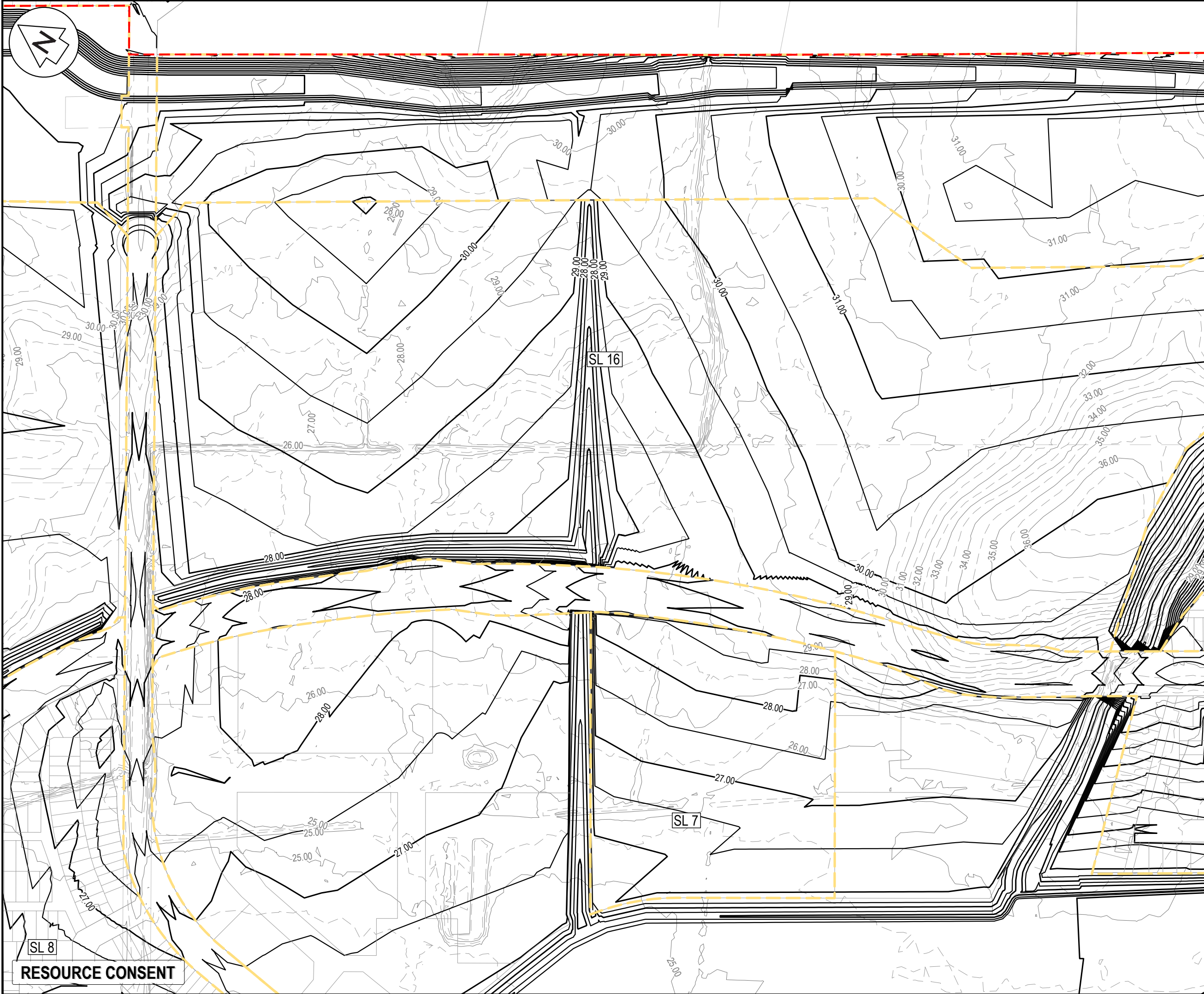
Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
EARTHWORKS
PLAN: SHEET 1**

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

RESOURCE CONSENT

DATE: 10/02/25 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\MASTER PLANNING\215010-M-C200.DWG



NOTES

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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

B	SUBMISSION RESPONSE	CE	10/2025
A	RESOURCE CONSENT	CE	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	CE	02/2025	
Drawn	CE	02/2025	
Checked	JP	02/2025	

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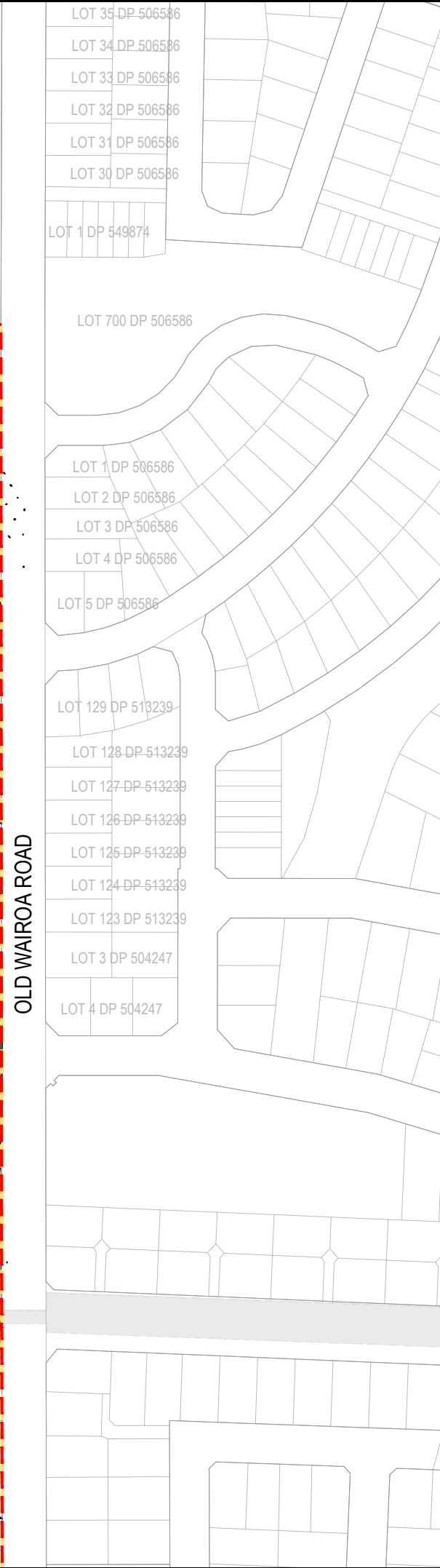
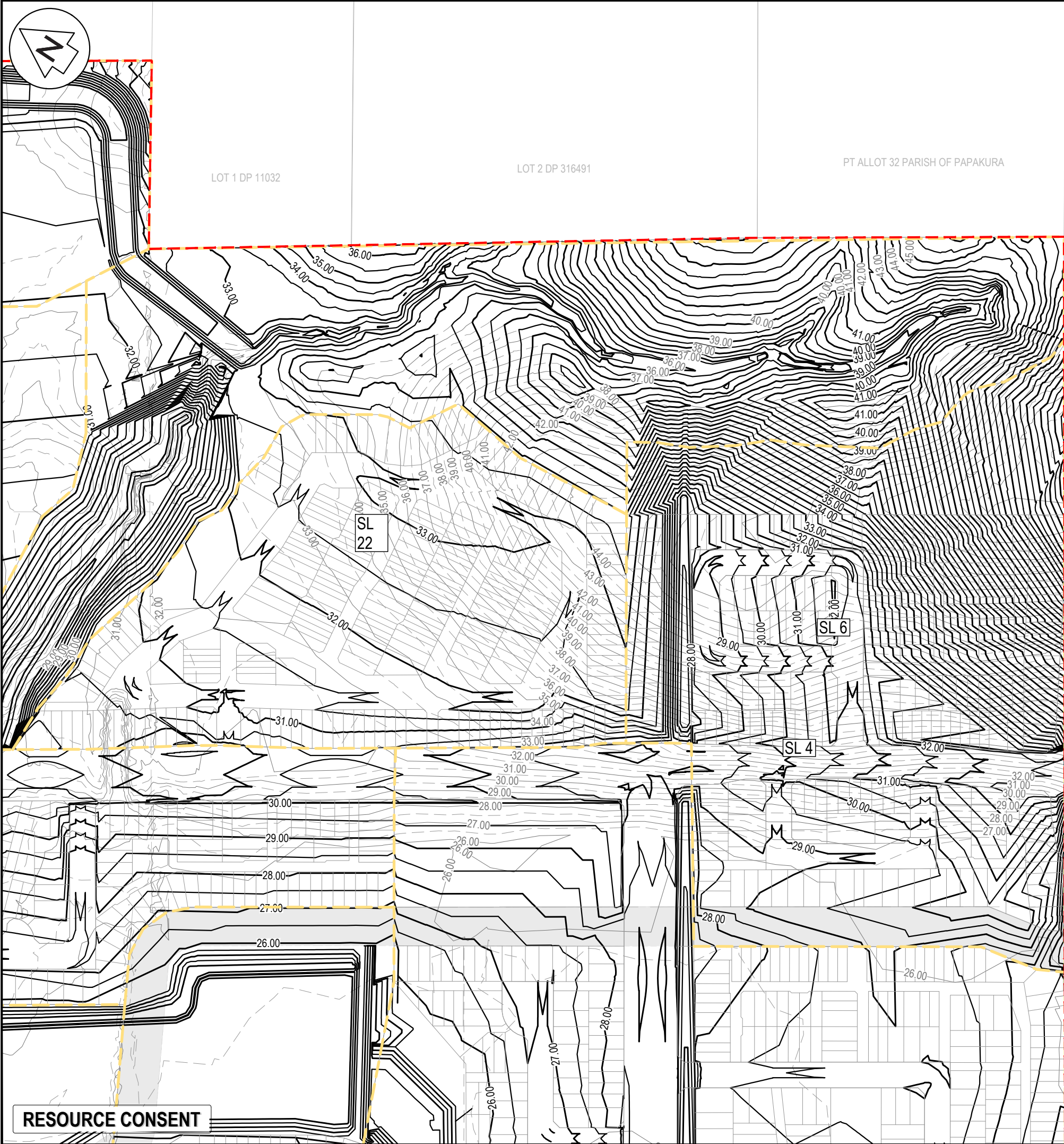
Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
EARTHWORKS
PLAN: SHEET 2**

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

DATE: 10/02/25 FILE PATH: F:\Maven\Projects\215010 - SUNFIELD\DWG\3-PRODUCT\MASTER PLANNING\215010-M-C200.DWG

SL 8
RESOURCE CONSENT



NOTES

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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

B	SUBMISSION RESPONSE	CE	10/2025
A	RESOURCE CONSENT	CE	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	CE	02/2025	
Drawn	CE	02/2025	
Checked	JP	02/2025	

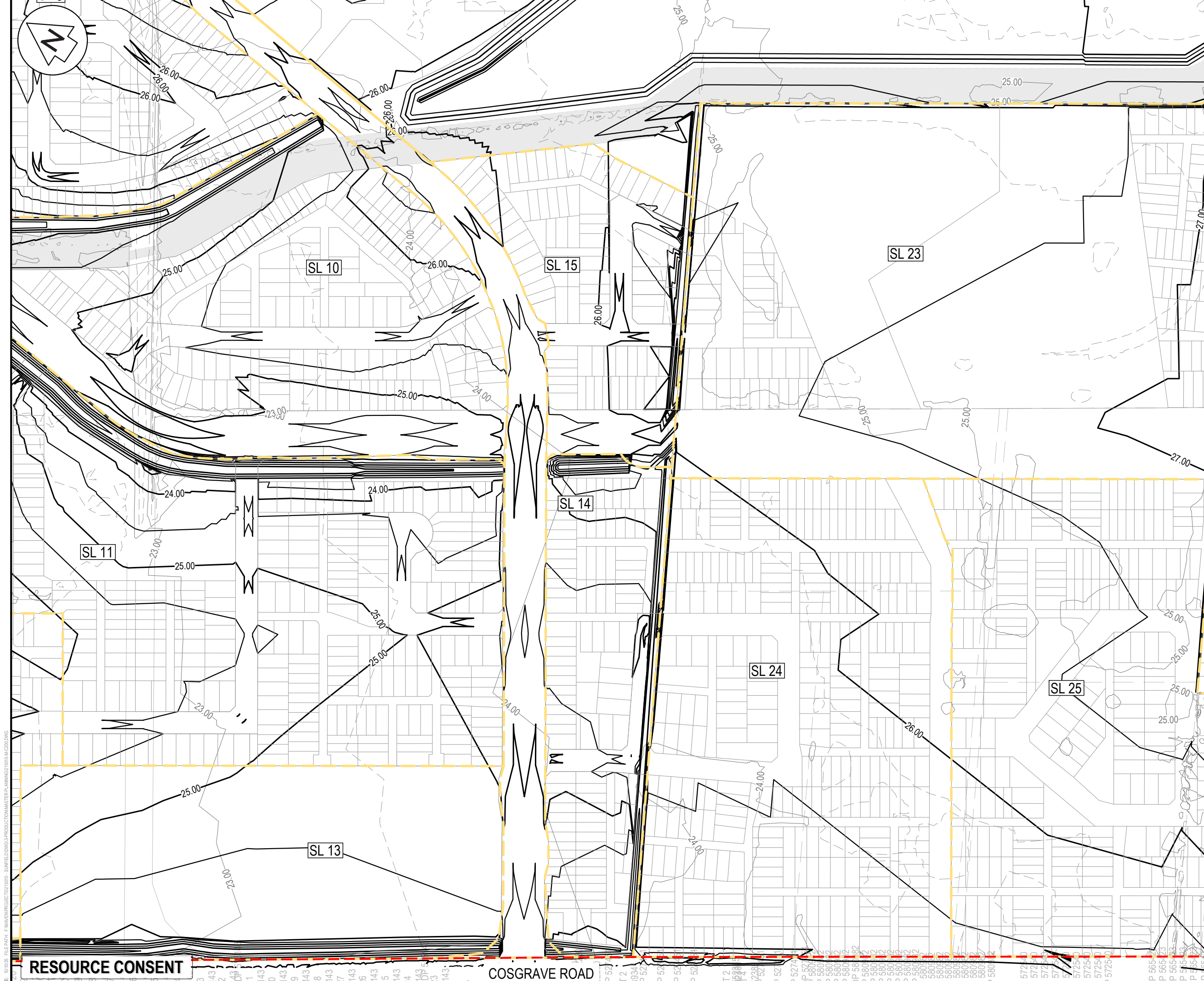
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
EARTHWORKS
PLAN: SHEET 2**

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

DATE: 10/02/25 FILE PATH: F:\Maven\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCT\MASTER PLANNING\215010-M-C200.DWG



NOTES

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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

B	SUBMISSION RESPONSE	CE	10/2025
A	RESOURCE CONSENT	CE	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	02/2021	
Design	CE	02/2025	
Drawn	CE	02/2025	
Checked	JP	02/2025	

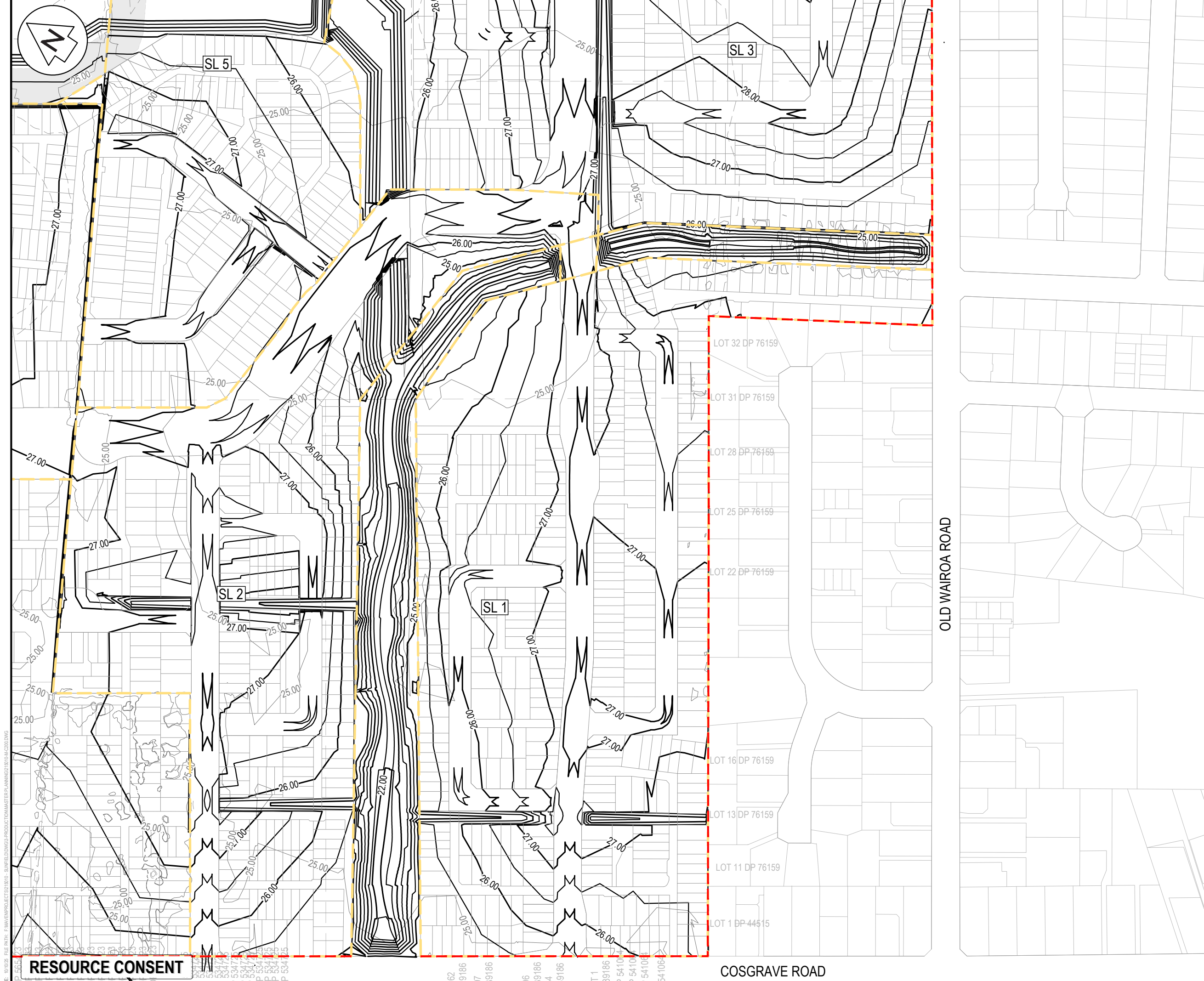
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED
EARTHWORKS
PLAN: SHEET 5**

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

DATE: 10/02/25 FILE PATH: F:\Maven\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCT\MASTER PLANNING\215010-M-C200.DWG



- NOTES
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 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM (NZVD) 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

B	SUBMISSION RESPONSE	CE	10/2025
A	RESOURCE CONSENT	CE	02/2025
Rev	Description	By	Date
	By	Date	
Survey	SURVEYWORX	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
EARTHWORKS
PLAN: SHEET 6**

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

DATE: 10/02/25 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCT\ACTION MASTER PLANNING\215010-M-C200.DWG



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

EARTHWORKS AREA	2,440,000m ² / 244 Ha
FILL REQUIRED (EXCLUDES PRELOAD)	1,540,000 m ³
CUT VOLUME	1,760,000 m ³
BULK EARTHWORKS CUT TO FILL (INCLUDING COMPACTION FACTOR OF 0.8)	1,408,000 m ³
CUT TO FILL OF SURPLUS MATERIAL FROM SERVICES & DRAINAGE	100,000 m ³
NET CUT/FILL BALANCE (FILL IMPORT)	32,000 m ³
PRELOAD (IMPORT) (BASED ON PRELOADING ONE SUPERLOT AT A TIME)	100,000 m ³

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 - 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	5.39	

B	SUBMISSION RESPONSE	CE	10/2025
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	

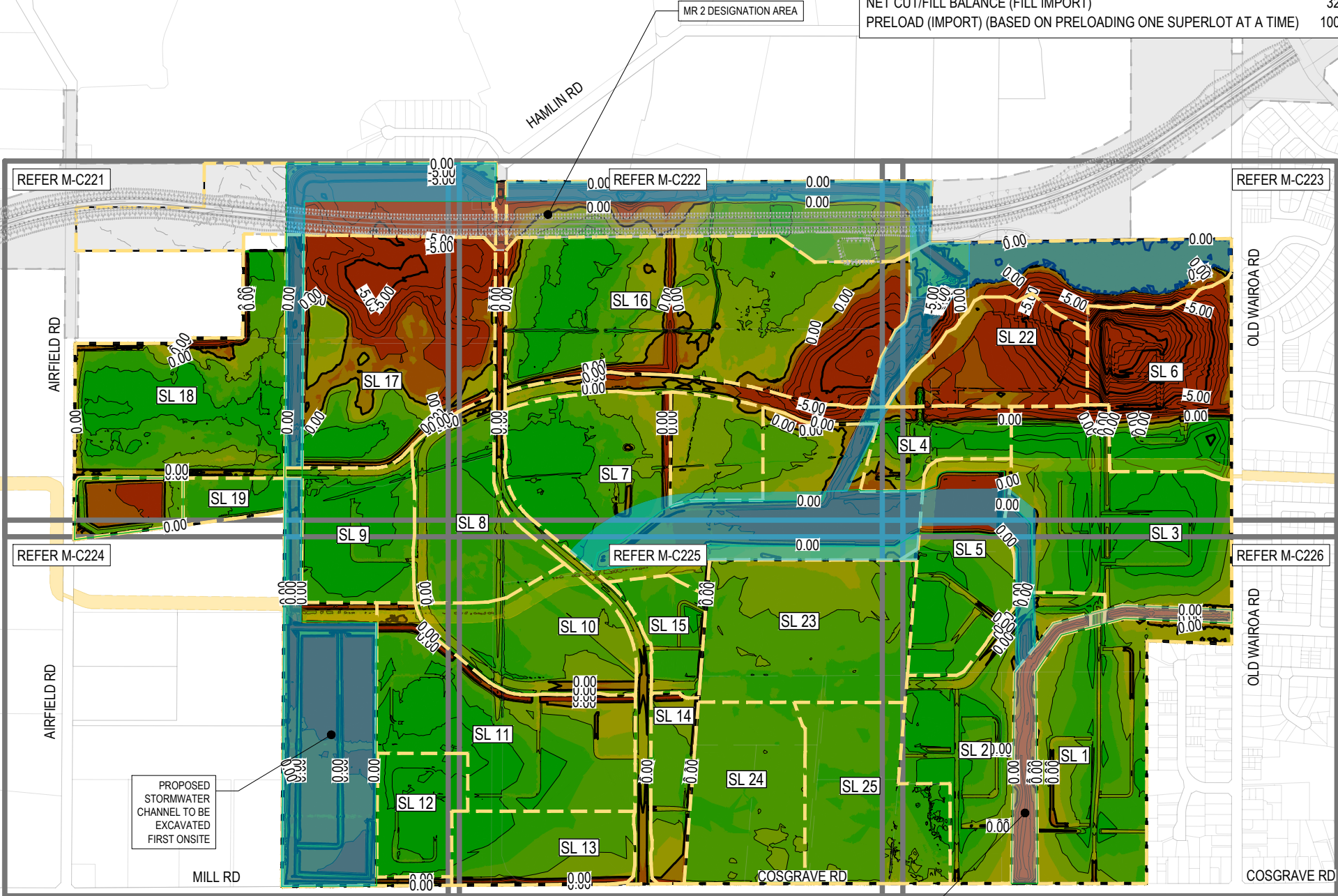


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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

Title
**PROPOSED OVERVIEW
CUT/FILL
PLAN**

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



RESOURCE CONSENT



PROPOSED MR2
FORMATION AND
DESIGNATION

PROPOSED
STORMWATER
CHANNEL TO BE
EXCAVATED
FIRST ONSITE

AIRFIELD ROAD

SL 18

SL 19

SL 17

SL 9

-5.00

-5.00

-5.00

-5.00

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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	5.39	

B	SUBMISSION RESPONSE	CE	10/2025
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

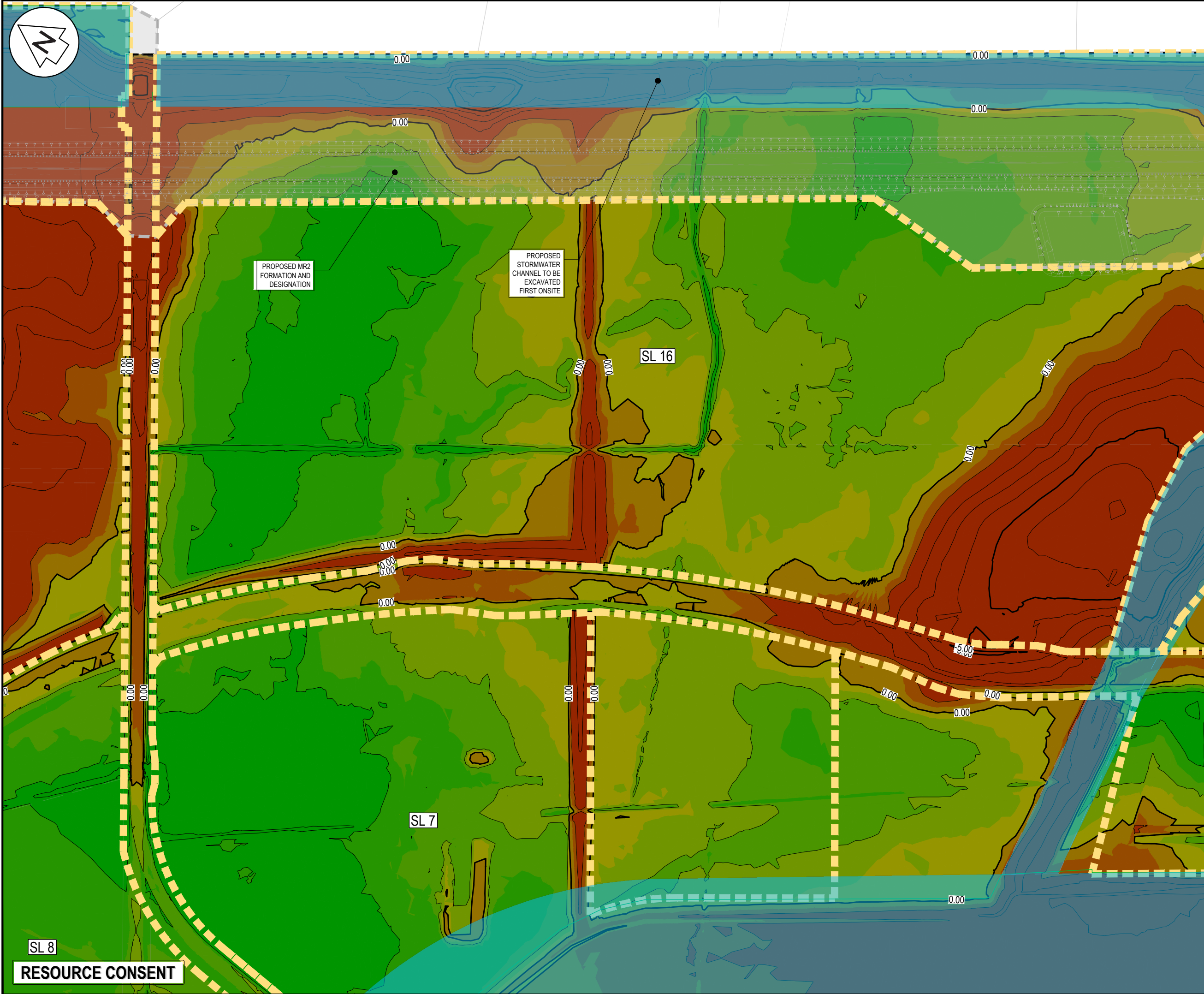
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

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

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

RESOURCE CONSENT



NOTES

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- 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	
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	5.39	

B	SUBMISSION RESPONSE	CE	10/2025
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	B



PROPOSED
STORMWATER
CHANNEL TO BE
EXCAVATED
FIRST ONSITE

PROPOSED MR2
FORMATION AND
DESIGNATION

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
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 8. 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	5.39	

B	SUBMISSION RESPONSE	CE	10/2025
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**

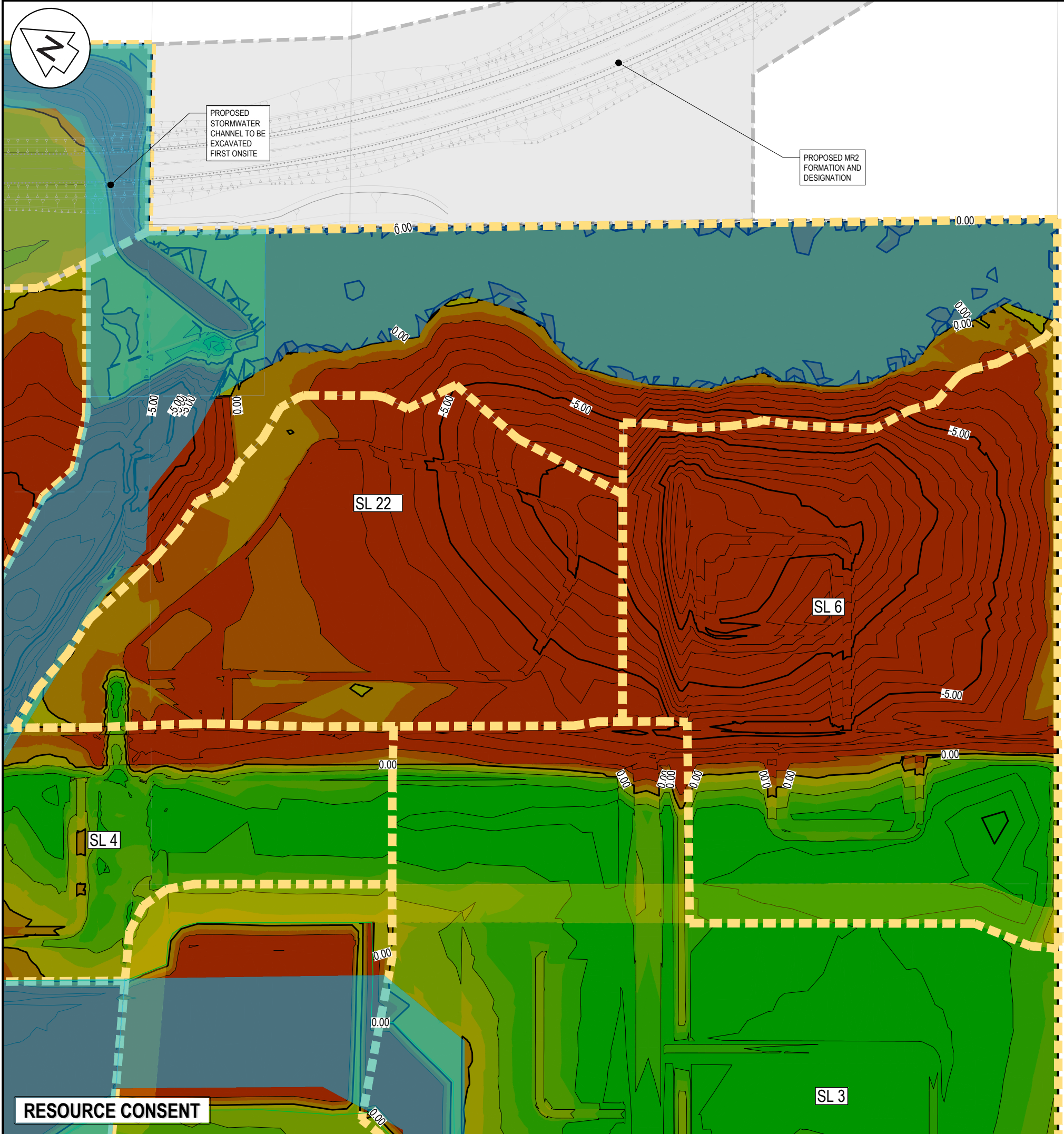
Title
**PROPOSED
CUT/FILL
PLAN: SHEET 2**

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

DATE: 10/02/25 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCT\MASTER PLANNING\215010-M-C210.DWG

RESOURCE CONSENT

OLD WAIROA ROAD





AIRFIELD ROAD

MILL ROAD

PROPOSED
STORMWATER
CHANNEL TO BE
EXCAVATED
FIRST ONSITE

SL 9

SL 12

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

LEGEND

	EX BDY
	PROP BDY
	PROP EXTENT WORK
	SUPER LOT BDY

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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	5.39	

B	SUBMISSION RESPONSE	CE	10/2025
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 4**

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

RESOURCE CONSENT



NOTES

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LEGEND

EX BDY

PROP BDY

PROP EXTENT WORK

SUPER LOT BDY

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	5.39	

B	SUBMISSION RESPONSE	CE	10/2025
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	B

DATE: 10/02/25 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\MASTER PLANNING\215010-M-C210.DWG



- NOTES
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LEGEND

	EX BDY
	PROP BDY
	PROP EXTENT WORK
	SUPER LOT BDY

Elevations Table			
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5	0.50	1.00	
6	1.00	1.50	
7	1.50	2.00	
8	2.00	5.39	

B	SUBMISSION RESPONSE	CE	10/2025
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	B

RESOURCE CONSENT

COSGRAVE ROAD

OLD WAIROA ROAD



NOTE:
EARTHWORKS TO TAKE PLACE AHEAD OF
MR 2 IN MR 2 DESIGNATION AREA.

SOIL GEOLOGY

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

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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

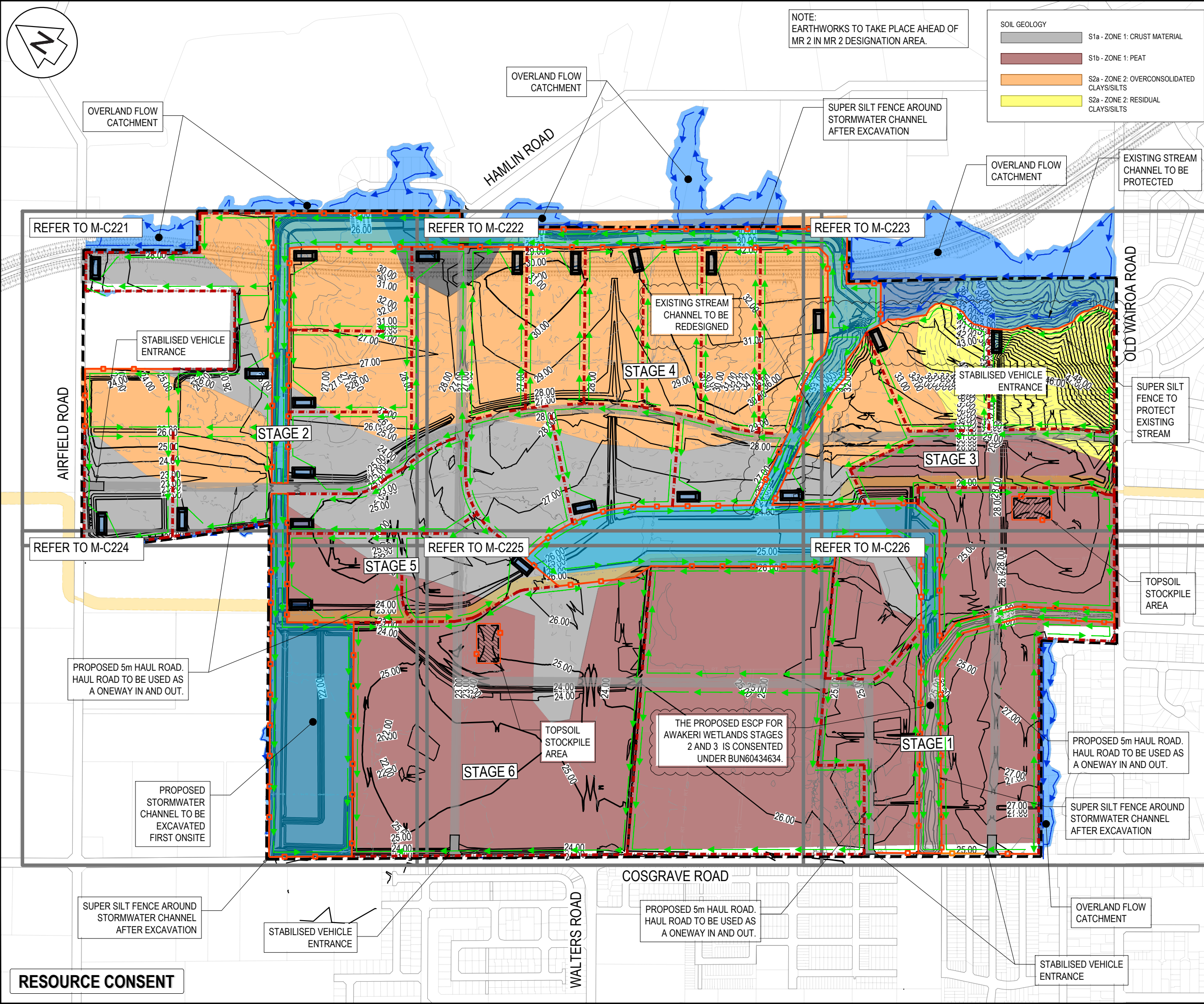
B	SUBMISSION RESPONSE	MA	10/2025
A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
Survey	MA	MA	02/2025
Design	MA	MA	02/2025
Drawn	MA	MA	02/2025
Checked	JP	JP	02/2025

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

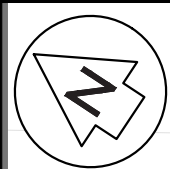
Title
**PROPOSED SEDIMENT
EROSION CONTROL
PLAN - OVERVIEW**

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



RESOURCE CONSENT

DATE: 10/02/25 FILE PATH: F:\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

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

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

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
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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

	SUBMISSION RESPONSE		10/2025
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	

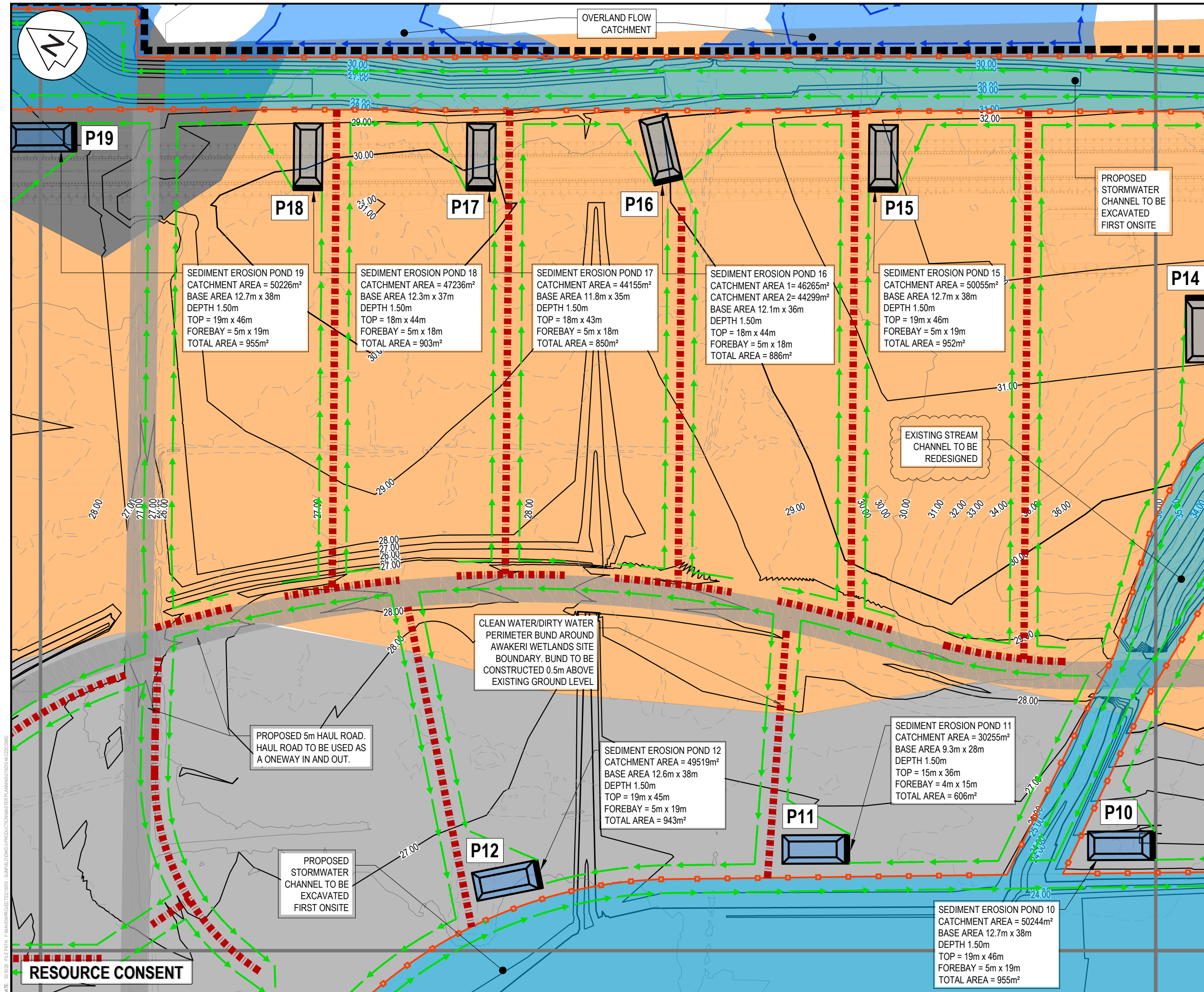
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Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

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

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

DATE: 10/02/25 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCT\MASTER PLANNING\215010-M-C220.DWG



NOTES

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LEGEND

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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
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B	SUBMISSION RESPONSE	MA	10/2025
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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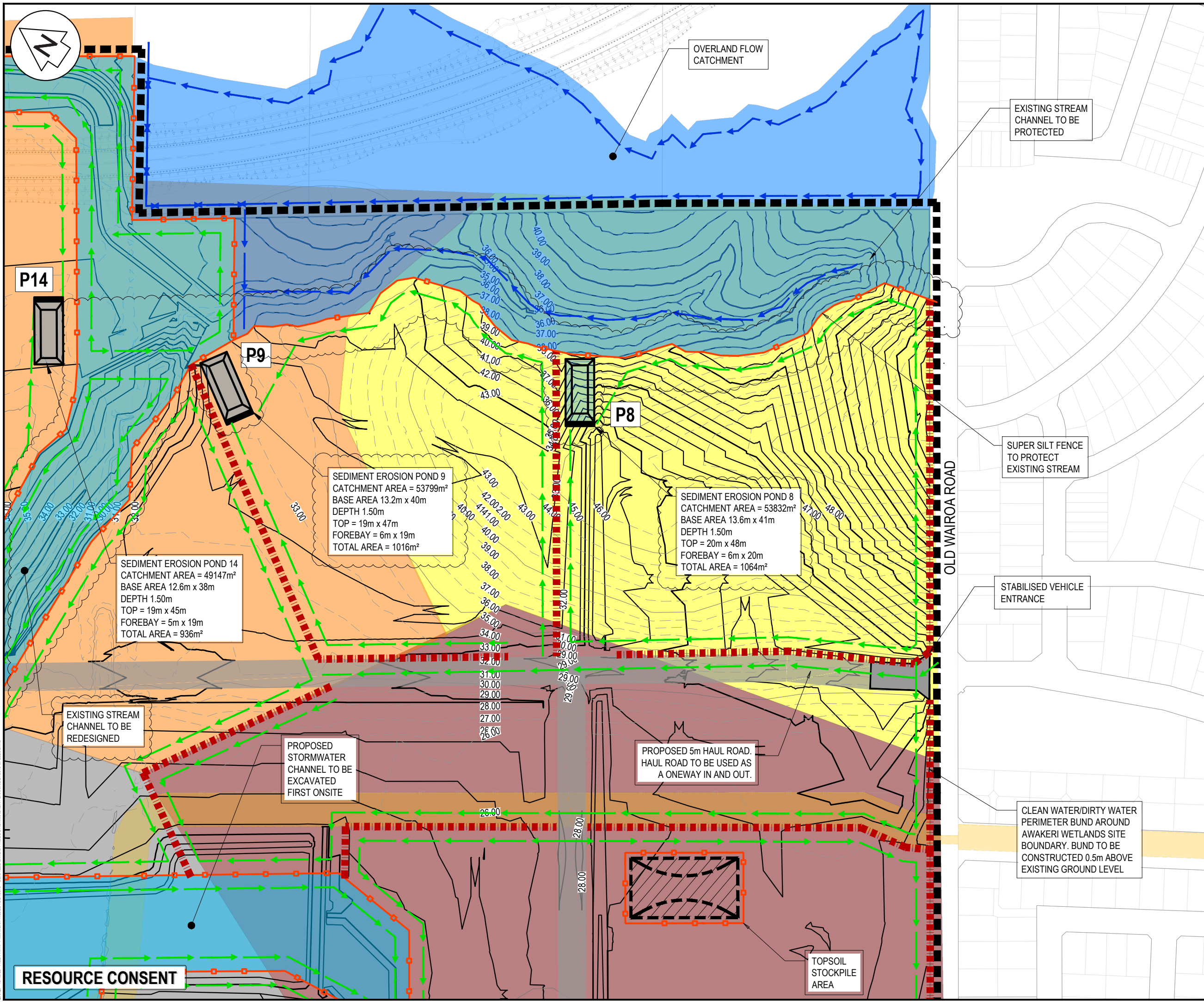
Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

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	B

DATE: 10/02/25 FILE PATH: F:\Maven\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCT\MASTER PLANNING\215010-M-C220.DWG

DATE: 10/02/25 FILE PATH: F:\Maven\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\MASTER PLANNING\215010-M-C220.DWG



NOTES

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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
--------	------------------	------------------	------------------	------------------	-----------------	-----------------	-----------------	----------------	----------------	----------------

B	SUBMISSION RESPONSE	MA	10/2025
A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	Survey	SURVEYWORX	02/2021
	Design	MA	02/2025
	Drawn	MA	02/2025
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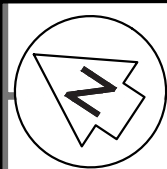
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ARDMORE, AUCKLAND
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Title
**PROPOSED SEDIMENT
EROSION CONTROL
PLAN: SHEET 2**

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

RESOURCE CONSENT



AIRFIELD ROAD

MILL ROAD

SUPER SILT FENCE AROUND
STORMWATER CHANNEL
AFTER EXCAVATION

PROPOSED
STORMWATER
CHANNEL TO BE
EXCAVATED
FIRST ONSITE

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

P21

- 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 |

B	SUBMISSION RESPONSE	MA	10/2025
A	RESOURCE CONSENT	JP	02/2025
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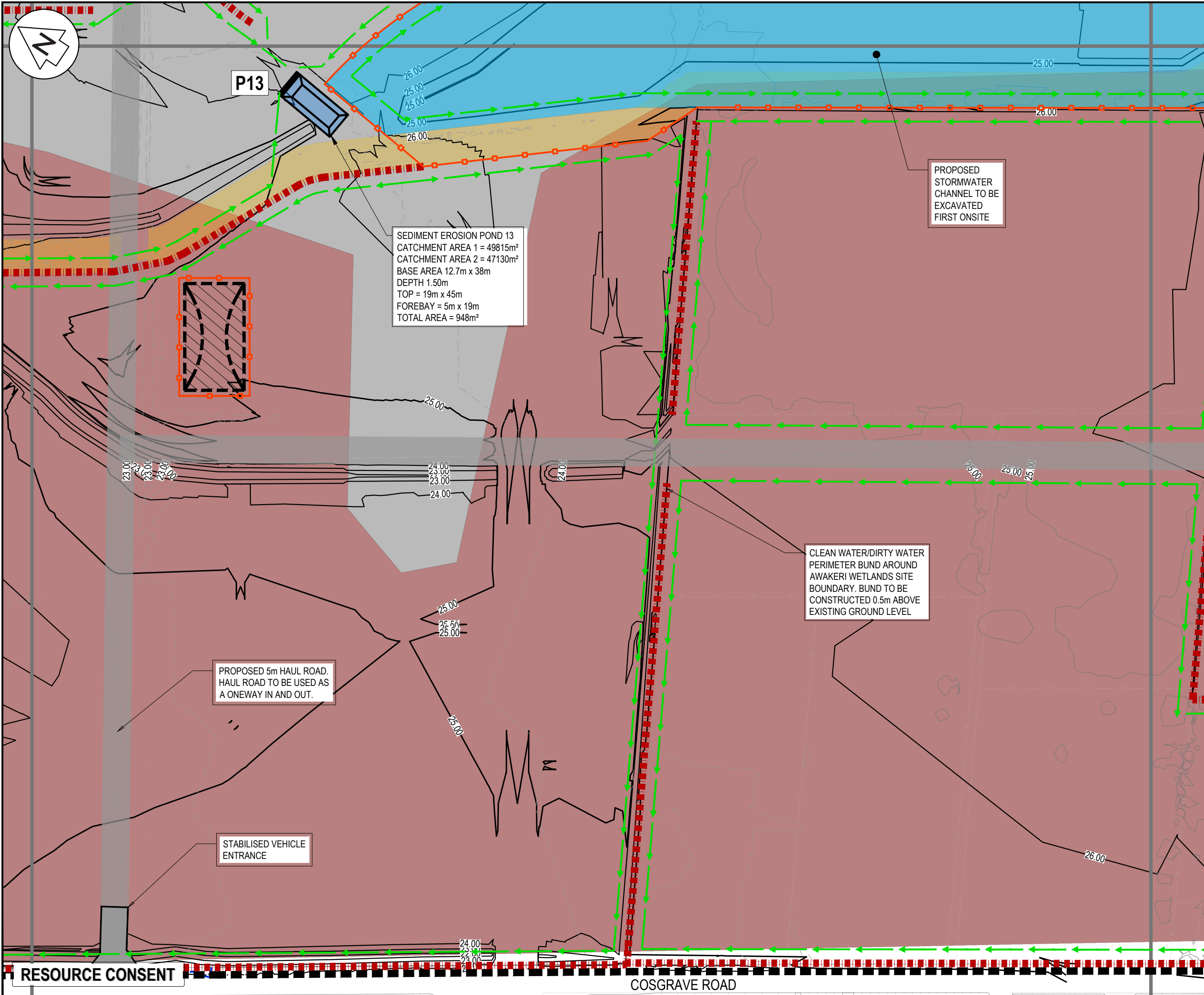
Project
**SUNFIELD DEVELOPMENT
ARDMORE, AUCKLAND
MASTERPLANNING
FOR SUNFIELD
DEVELOPMENTS LIMITED**

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	B

RESOURCE CONSENT

DATE: 10/02/25 FILE PATH: F:\MAVEN\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCT\ACTION 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. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM (NZVD) 2016.
3. ORIGIN OF LEVELS = SM 5812 SO 58209 (BUUS) PUBLISHED RL=30.588. SOURCED FROM THE LINZ DIGITAL GEODETIC DATABASE.
4. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
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6. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
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8. CONTRACTOR SHALL PROVIDE AS-BUILT OF WORKING SEDIMENT CONTROL DEVICES AND CONFIRMATION OF POND/DECENT VOLUMES TO ENGINEER.
9. 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

SUBMISSION RESPONSE		10/2025
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

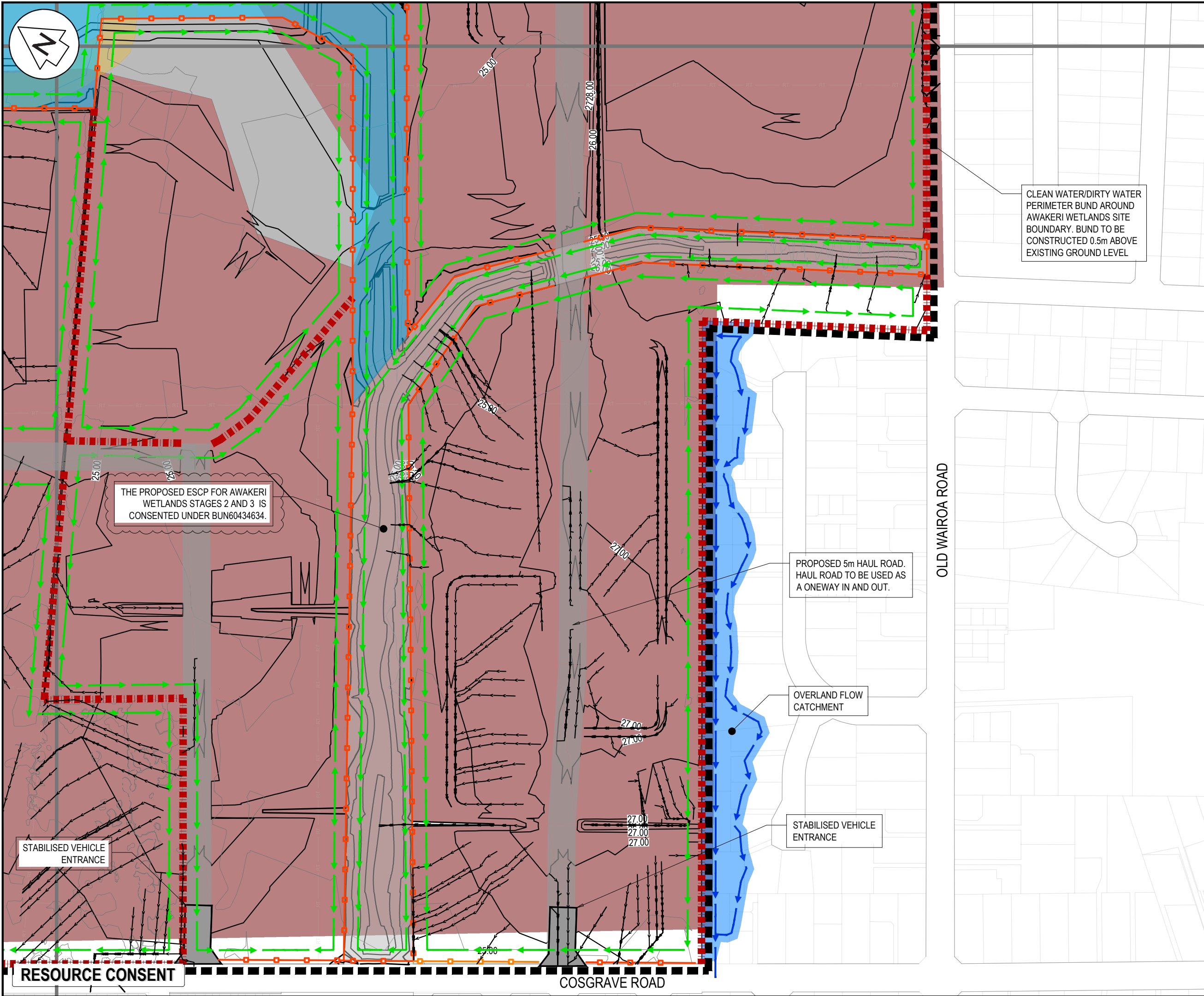
M Maven Associates
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5 Owens Road, Epsom
Auckland 1023

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

DATE: 10/02/25 FILE PATH: F:\Maven\PROJECTS\215010 - SUNFIELD\DWG\3-PRODUCTION\MASTER PLANNING\215010-M-C220.DWG



NOTES

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

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

OVERLAND FLOW CATCHMENT

STABILISED VEHICLE ENTRANCE

STABILISED VEHICLE ENTRANCE

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

B	SUBMISSION RESPONSE	MA	10/2025
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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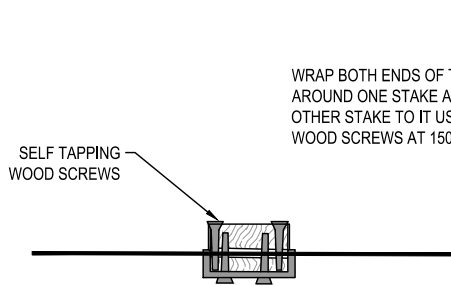
Project

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

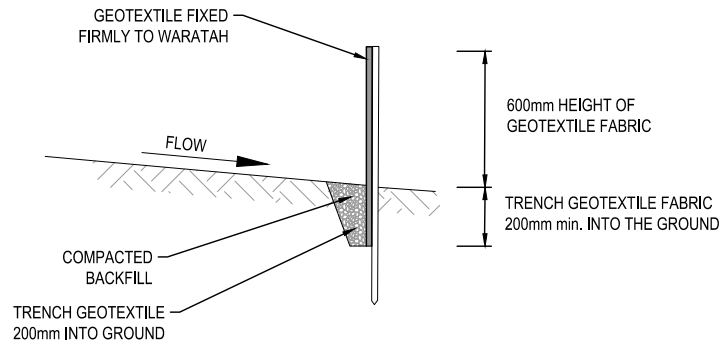
Title

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

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

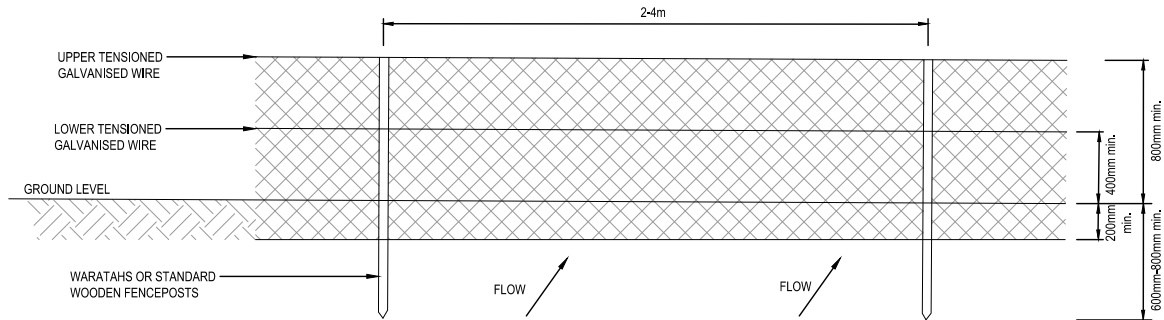


STANDARD DETAIL FOR FABRIC JOIN



CROSS SECTION

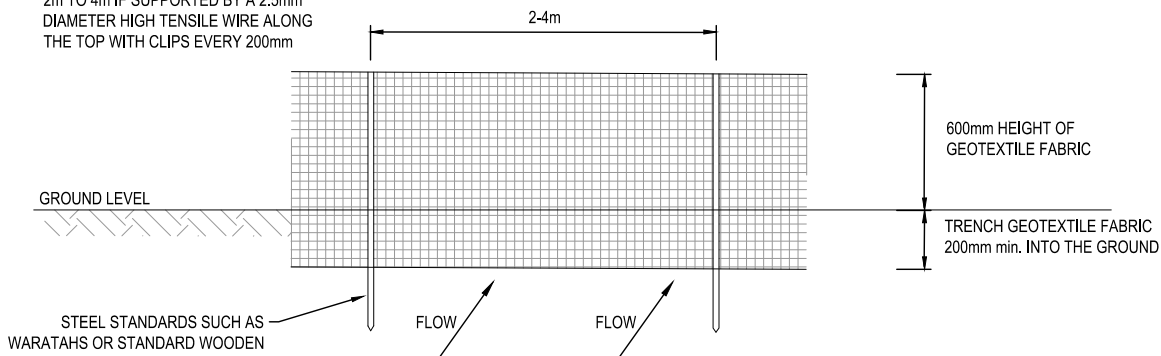
SUPER SILT FENCE DETAIL



ELEVATION

STANDARD DETAIL FOR SILT FENCE

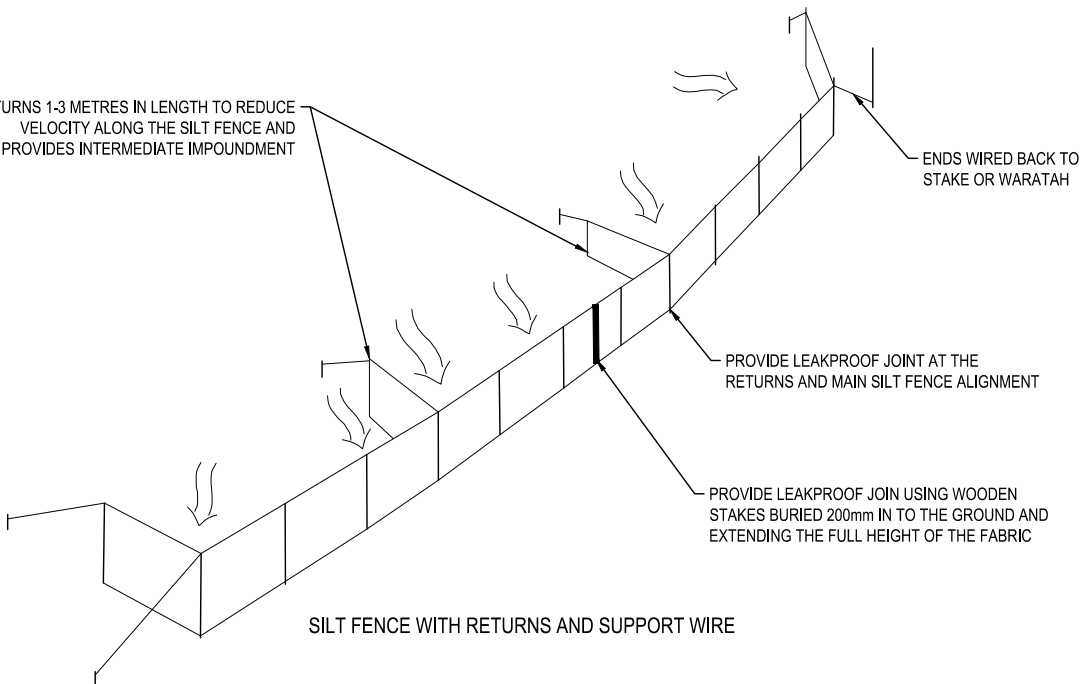
POST SPACING CAN BE INCREASED FROM 2m TO 4m IF SUPPORTED BY A 2.5mm DIAMETER HIGH TENSILE WIRE ALONG THE TOP WITH CLIPS EVERY 200mm



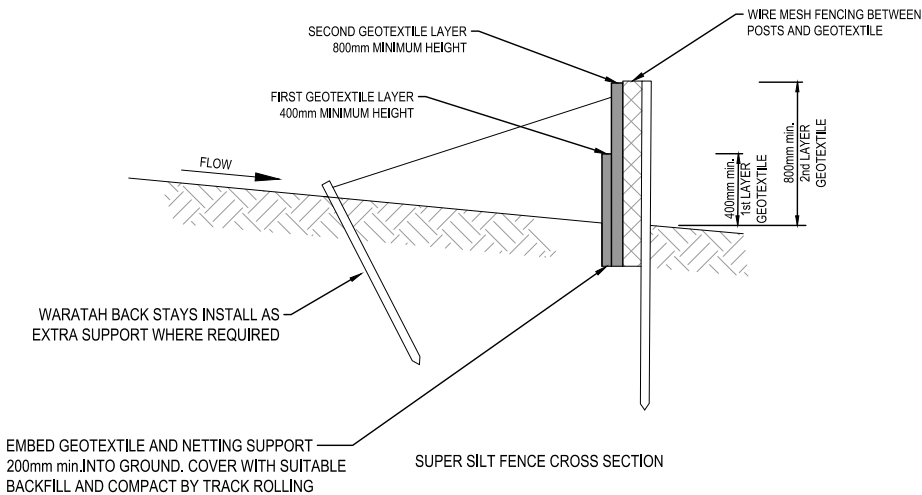
ELEVATION

STEEL STANDARDS SUCH AS WARATAHS OR STANDARD WOODEN FENCEPOSTS (No.3 ROUNDS MINIMUM) DRIVEN A MINIMUM OF 400mm INTO THE GROUND

RETURNS 1-3 METRES IN LENGTH TO REDUCE VELOCITY ALONG THE SILT FENCE AND PROVIDES INTERMEDIATE IMPOUNDMENT



SILT FENCE WITH RETURNS AND SUPPORT WIRE



SUPER SILT FENCE CROSS SECTION

EMBED GEOTEXTILE AND NETTING SUPPORT 200mm min.INTO GROUND. COVER WITH SUITABLE BACKFILL AND COMPACT BY TRACK ROLLING

WARATAH BACK STAYS INSTALL AS EXTRA SUPPORT WHERE REQUIRED

- NOTES
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B	SUBMISSION RESPONSE	CE	10/2025
A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
		By	Date
Survey	--	--	----
Design	--	--	--
Drawn	MA		02/2025
Checked	JP/LC		02/2025

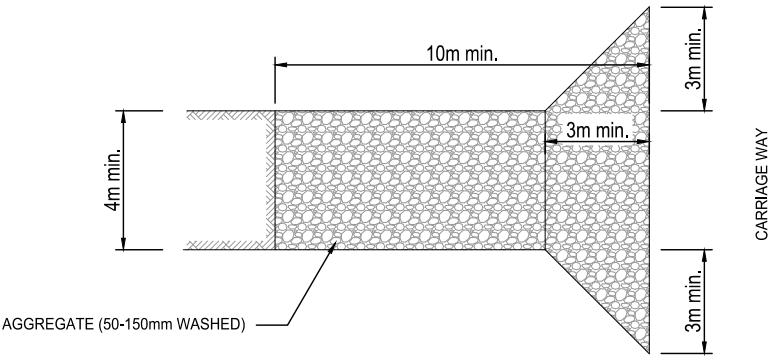


Project
**SUNFIELD DEVELOPMENT
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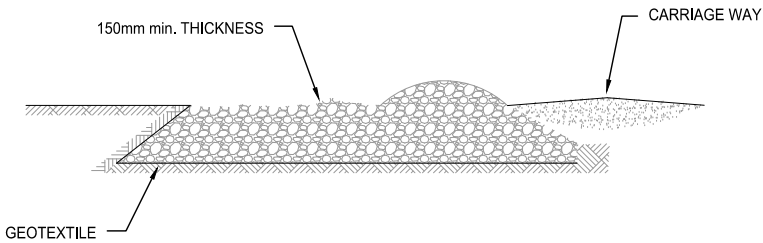
Title
**PROPOSED SEDIMENT
EROSION CONTROL
DETAILS: SHEET 1**

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

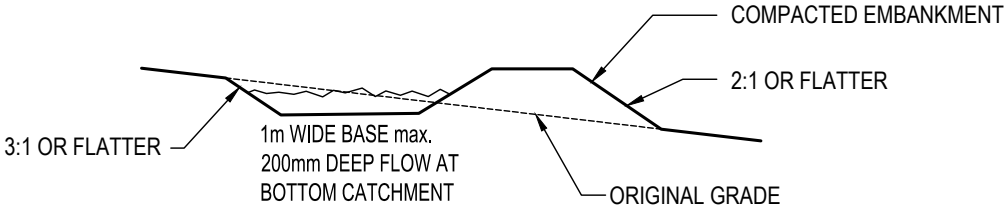
RESOURCE CONSENT



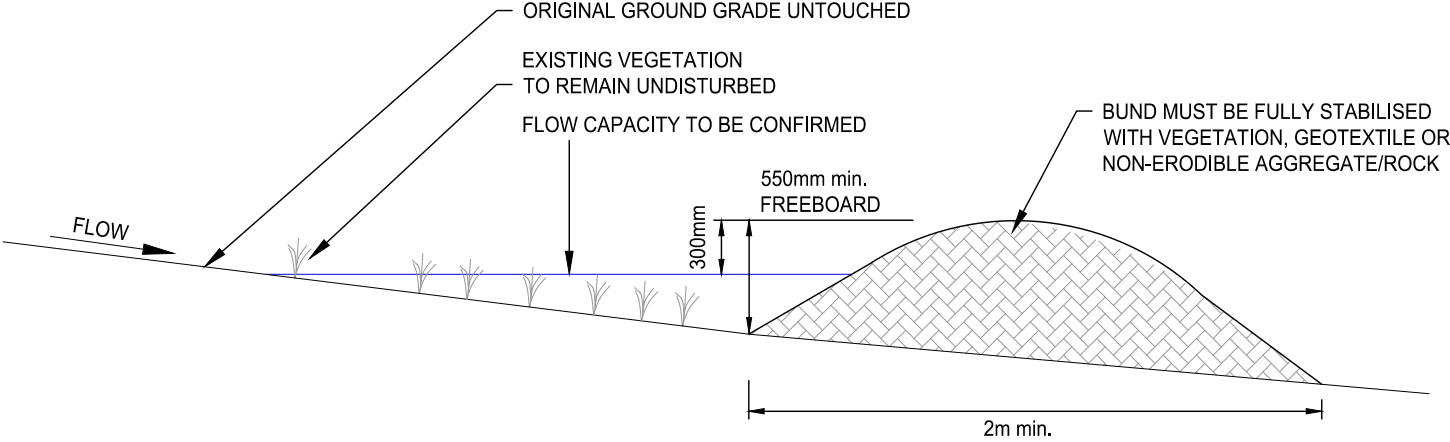
STABALISED VEHICLE ENTRANCE
PLAN VIEW



STABALISED VEHICLE ENTRANCE DETAIL
SIDE ELEVATION



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



CLEAN WATER DIVERSION BUND DETAIL

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B	SUBMISSION RESPONSE	CE	10/2025
A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
	By	Date	
Survey	--	--/--	
Design	--	-	
Drawn	MA	02/2025	
Checked	JP/LC	02/2025	

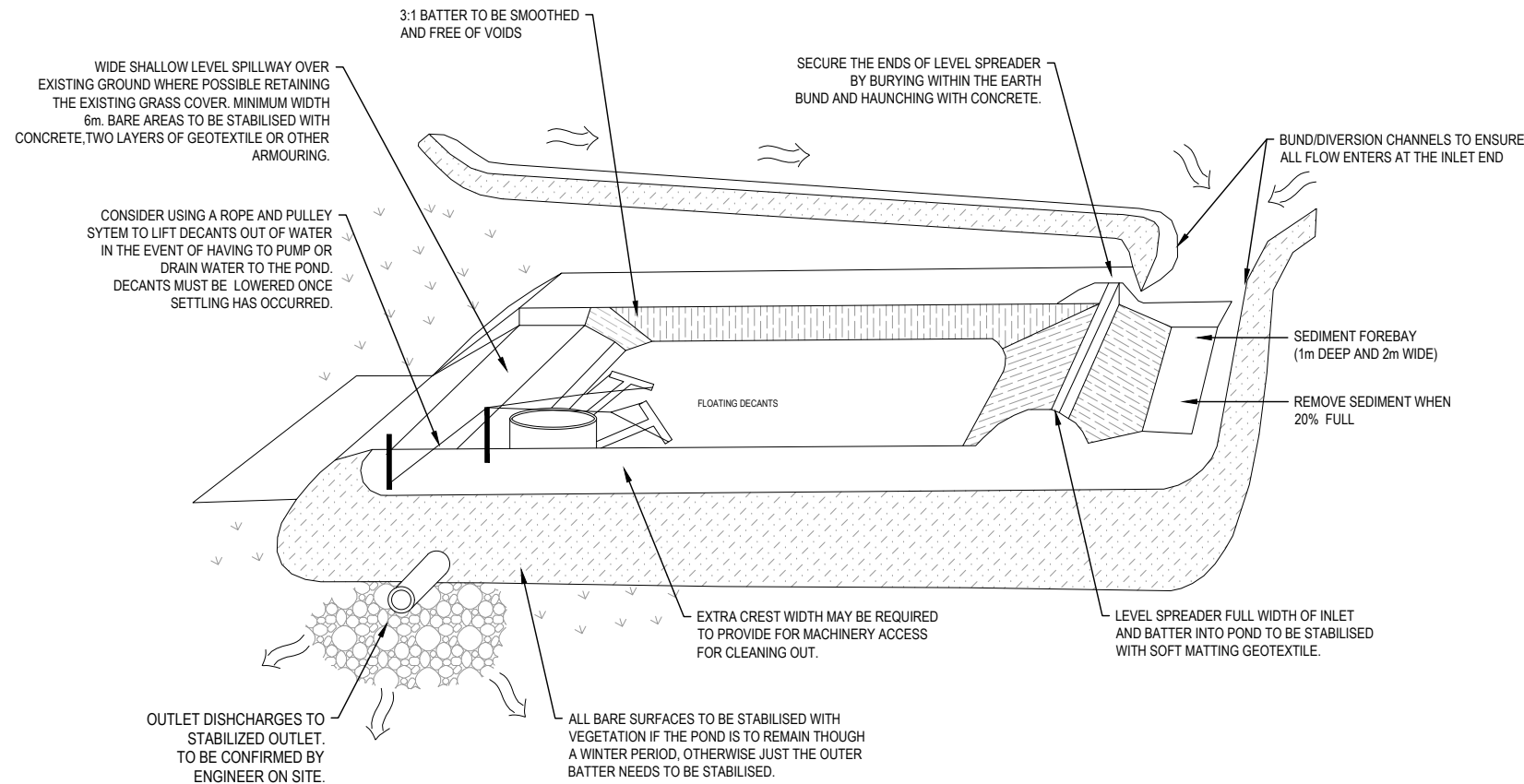
M **Maven Associates**
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5 Owens Road, Epsom
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Project
**SUNFIELD DEVELOPMENT
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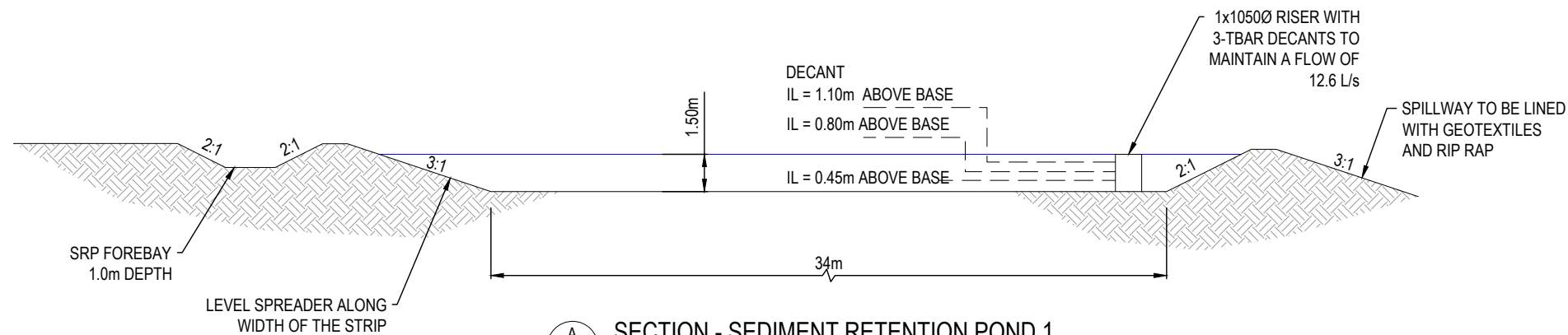
Title
**PROPOSED SEDIMENT
EROSION CONTROL
DETAILS: SHEET 2**

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

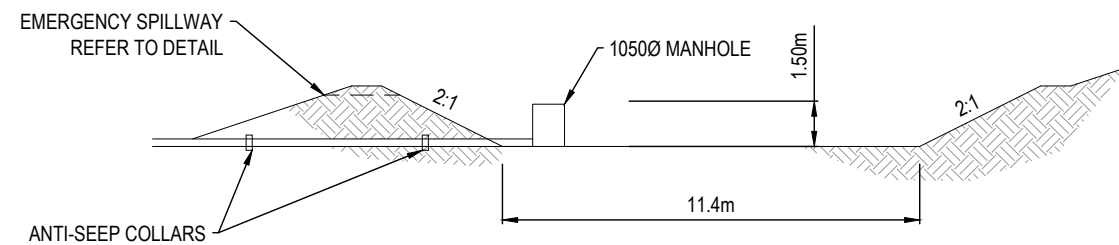
RESOURCE CONSENT



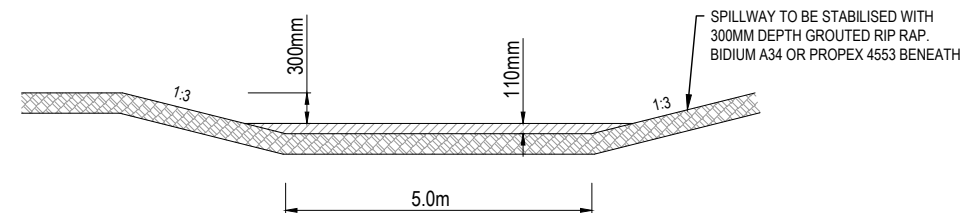
SEDIMENT POND DETAILS
(NTS)



A SECTION - SEDIMENT RETENTION POND 1
SCALE: N.T.S



B SECTION - SEDIMENT RETENTION POND 1
SCALE: N.T.S



DETAIL I
EMERGENCY SPILLWAY

- NOTES
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B	SUBMISSION RESPONSE	CE	10/2025
A	RESOURCE CONSENT	JP	02/2025
Rev	Description	By	Date
Survey	--	--	--
Design	--	--	--
Drawn	MA		02/2025
Checked	JP/LC		02/2025



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	B

RESOURCE CONSENT