

362 JONES ROAD, HUNUA

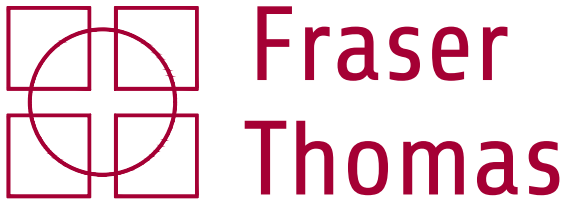
SCARBRO ENVIRONMENTAL LTD

33250

FOR RESOURCE CONSENT

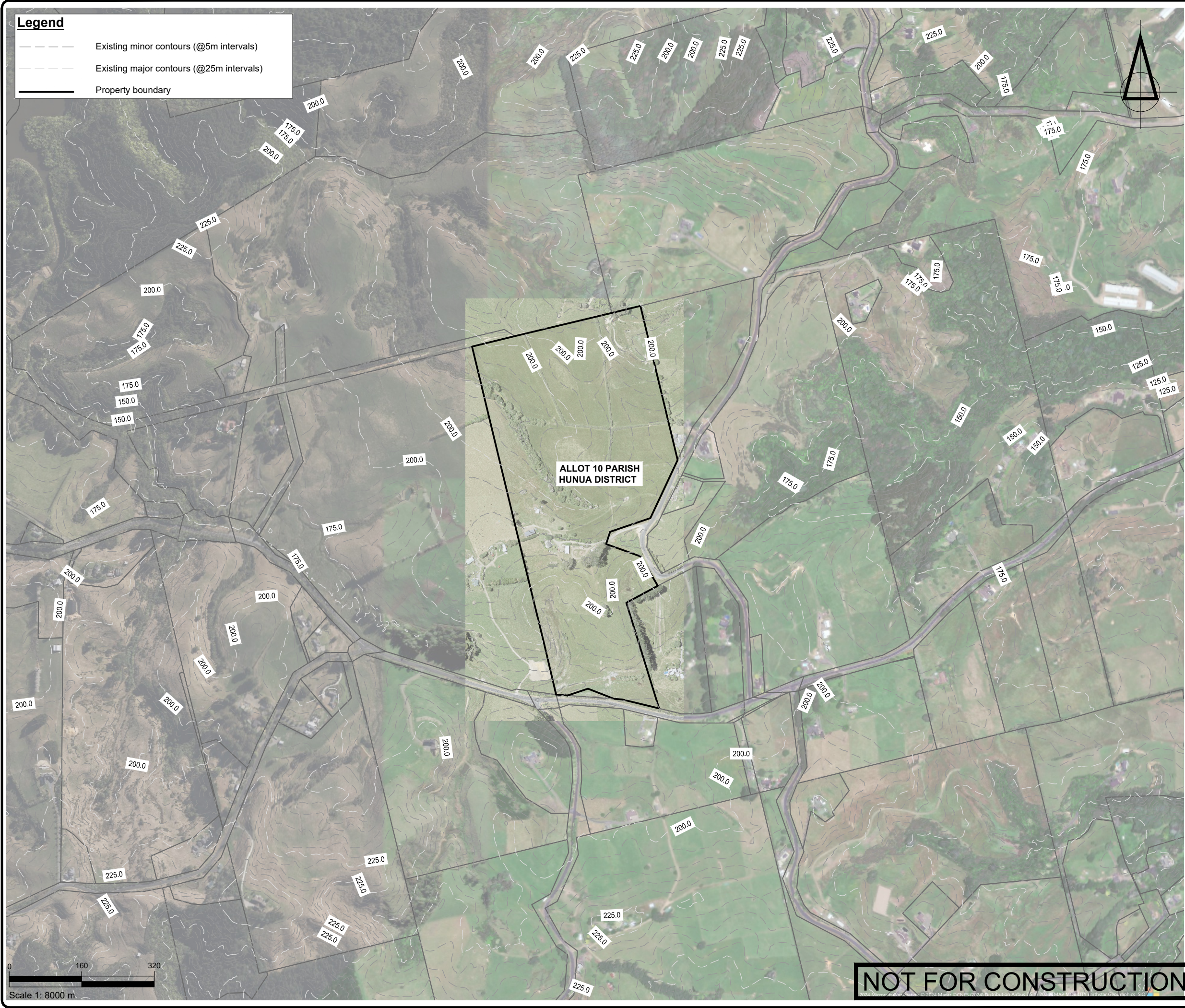
ISSUE SET 4

28/02/25



LIST OF DRAWINGS		25/09/2024	14/10/2024	25/10/2024	17/01/2025	11/02/2025	28/02/2025
	ISSUE SET			1	2	3	4
DRAWING	DRAWING TITLE						
33250/001	EXISTING AND SURROUNDING SITE PLAN			-	-	-	-
33250/002	EXISTING SITE PLAN			-	-	-	-
33250/003	PROPOSED FINISHED SITE PLAN			-	-	-	-
33250/100	PROPOSED FILLING AREA DEVELOPMENT SITE PLAN			-	-	-	-
33250/110	PROPOSED NORTHERN FILLING AREA DEVELOPMENT SITE PLAN			-	-	-	-
33250/111	PROPOSED NORTHERN FILLING AREA CROSS SECTION PLAN			-	-	-	-
33250/112	PROPOSED NORTHERN FILLING AREA CROSS SECTIONS SHEET 1 OF 3			-	-	-	-
33250/113	PROPOSED NORTHERN FILLING AREA CROSS SECTIONS SHEET 2 OF 3			-	-	-	-
33250/114	PROPOSED NORTHERN FILLING AREA CROSS SECTIONS SHEET 3 OF 3			-	-	-	-
33250/120	PROPOSED NORTHERN FILLING AREA CUT AND FILL PLAN			-	-	-	A
33250/121	PROPOSED NORTHERN EROSION AND SEDIMENT CONTROL PLAN			-	A	A	B
33250/122	PROPOSED NORTHERN DIRTY WATER DIVERSION DRAIN LONG SECTIONS			-	-	-	-
33250/130	INDICATIVE NORTHERN FILLING AREA STAGING PLAN			-	-	A	A
33250/131	NOISE BUND DETAILS PLAN - SHEET 1 OF 2			-	A	A	A
33250/132	NOISE BUND DETAILS PLAN - SHEET 2 OF 2			-	-	-	-
33250/140	REMOVAL OF EXISTING STREAM CROSSING			-	A	B	B
33250/141	LONG SECTION AND CROSS SECTION OF REINSTATED STREAM AND WETLAND			-	-	-	-
33250/150	PROPOSED SOUTHERN FILLING AREA DEVELOPMENT SITE PLAN			-	A	A	A
33250/151	PROPOSED SOUTHERN FILLING AREA CROSS SECTION PLAN			-	-	-	-
33250/152	PROPOSED SOUTHERN FILLING AREA CROSS SECTIONS SHEET 1 OF 1			-	-	-	-
33250/160	PROPOSED SOUTHERN FILLING AREA CUT AND FILL SITE PLAN			-	-	-	A
33250/161	PROPOSED SOUTHERN EROSION AND SEDIMENT CONTROL PLAN			-	-	-	A
33250/162	PROPOSED SOUTHERN DIRTY WATER DIVERSION DRAIN LONG SECTIONS			-	-	-	-
33250-170	INDICATIVE SEDIMENT RETENTION POND SIZING - 2HA POND			-	-	-	A
33250-171	SEDIMENT RETENTION POND STANDARD DETAILS - 2HA POND			-	-	-	-
33250-172	INDICATIVE SEDIMENT RETENTION POND SIZING - 1.2HA POND			-	-	-	A
33250-173	SEDIMENT RETENTION POND STANDARD DETAILS - 1.2HA POND			-	-	-	-
33250/180	EROSION AND SEDIMENT CONTROL DETAILS SHEET 1			-	-	-	A
33250/181	EROSION AND SEDIMENT CONTROL DETAILS SHEET 2			-	-	-	-
33250/190	PROPOSED BORE LOCATION RELATIVE TO WASTEWATER DISPOSAL FIELD			-	-	-	A
33250/200	PROPOSED HAUL ROAD LAYOUT PLAN			-	-	A	A
33250/201	PROPOSED HAUL ROAD ACCESSWAY LAYOUT (SHEET 1 OF 2)			-	-	A	A
33250/202	PROPOSED HAUL ROAD ACCESSWAY LAYOUT (SHEET 2 OF 2)			-	-	-	-
33250/220	PROPOSED HAUL ROAD ACCESSWAY LONGSECTIONS			-	-	A	A
33250/250	PROPOSED HAUL ROAD ACCESSWAY CUT AND FILL PLAN			-	-	A	A
33250/251	PROPOSED HAUL ROAD ACCESSWAY EROSION AND SEDIMENT CONTROL PLAN			-	A	A	A
33250/300	PROPOSED STORMWATER PLAN - OVERALL PLAN			-	-	A	A
33250/301	PROPOSED STORMWATER PLAN - HAUL ROAD ENTRANCE (SHEET 1 OF 3)			-	-	A	A
33250/302	PROPOSED STORMWATER PLAN - HAUL ROAD ENTRANCE (SHEET 2 OF 3)			-	-	A	A
33250/303	PROPOSED STORMWATER PLAN - HAUL ROAD ENTRANCE (SHEET 3 OF 3)			-	-	A	A
33250/304	PROPOSED STORMWATER PLAN - LONG SECTIONS			-	-	A	A
33250/305	PRE AND POST DEVELOPMENT CATCHMENT COMPARISON PLAN			-	-	-	-
33250/350	PROPOSED NORTHERN UNDERFILL STRIP DRAIN	-	A	B	C	C	C
33250/351	PROPOSED SOUTHERN UNDERFILL STRIP DRAIN	-	A	B	C	C	C
33250/400	ENHANCEMENT PLANTING AND WEEDING CONTROL AREAS (SHEET 1 OF 3)					-	-
33250/401	ENHANCEMENT PLANTING AND WEEDING CONTROL AREAS (SHEET 2 OF 3)					-	-
33250/402	ENHANCEMENT PLANTING AND WEEDING CONTROL AREAS (SHEET 3 OF 3)					-	-

P:\33 series\33250\03 Drawings\33250-001.dwg, f:\roha, 12/2/2025 10:59 am



Legend

- Existing minor contours (@5m intervals)
- Existing major contours (@25m intervals)
- Property boundary

SURVEYED			APPROVED	DATE	
DESIGNED	TB	06.09.24	SF	27.09.24	
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE

NOTES

1. Existing Ground Contour data obtained from LiDAR 2016.

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946

COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

EXISTING AND SURROUNDING
SITE PLAN

 **Fraser
Thomas**

ENGINEERS • RESOURCE MANAGERS • SURVEYORS

AUCKLAND 09 278 7078

HAWKE'S BAY 06 211 2766

CHRISTCHURCH 03 358 5936

BLenheim 03 428 3292

NELSON 03 222 1132

TAURANGA 020 4118 9465

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STATUS

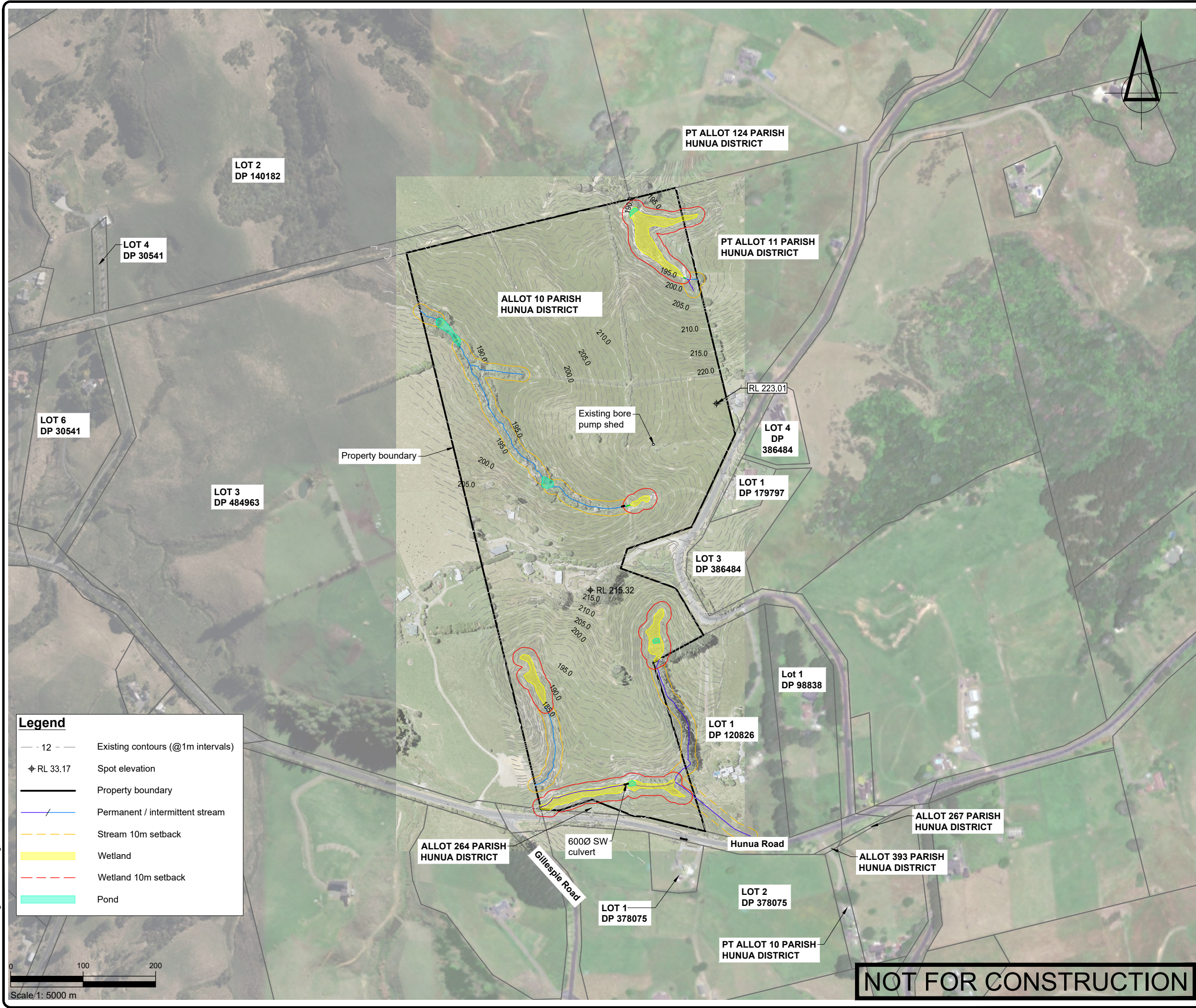
FOR RESOURCE CONSENT

Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE 1:8000 (A3)

DRAWING No 33250/001 REVISION -

P:\33 series\33250\03 Drawings\33250-002.dwg, f:\hna, 12/2/2025 11:00 am



SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
EXISTING SITE PLAN

Fraser Thomas
ENGINEERS • RESOURCE MANAGERS • SURVEYORS

AUCKLAND 09 278 7078
HAWKE'S BAY 06 211 2766
CHRISTCHURCH 03 358 5936
BLENHEIM 03 428 3292
NELSON 03 222 1132
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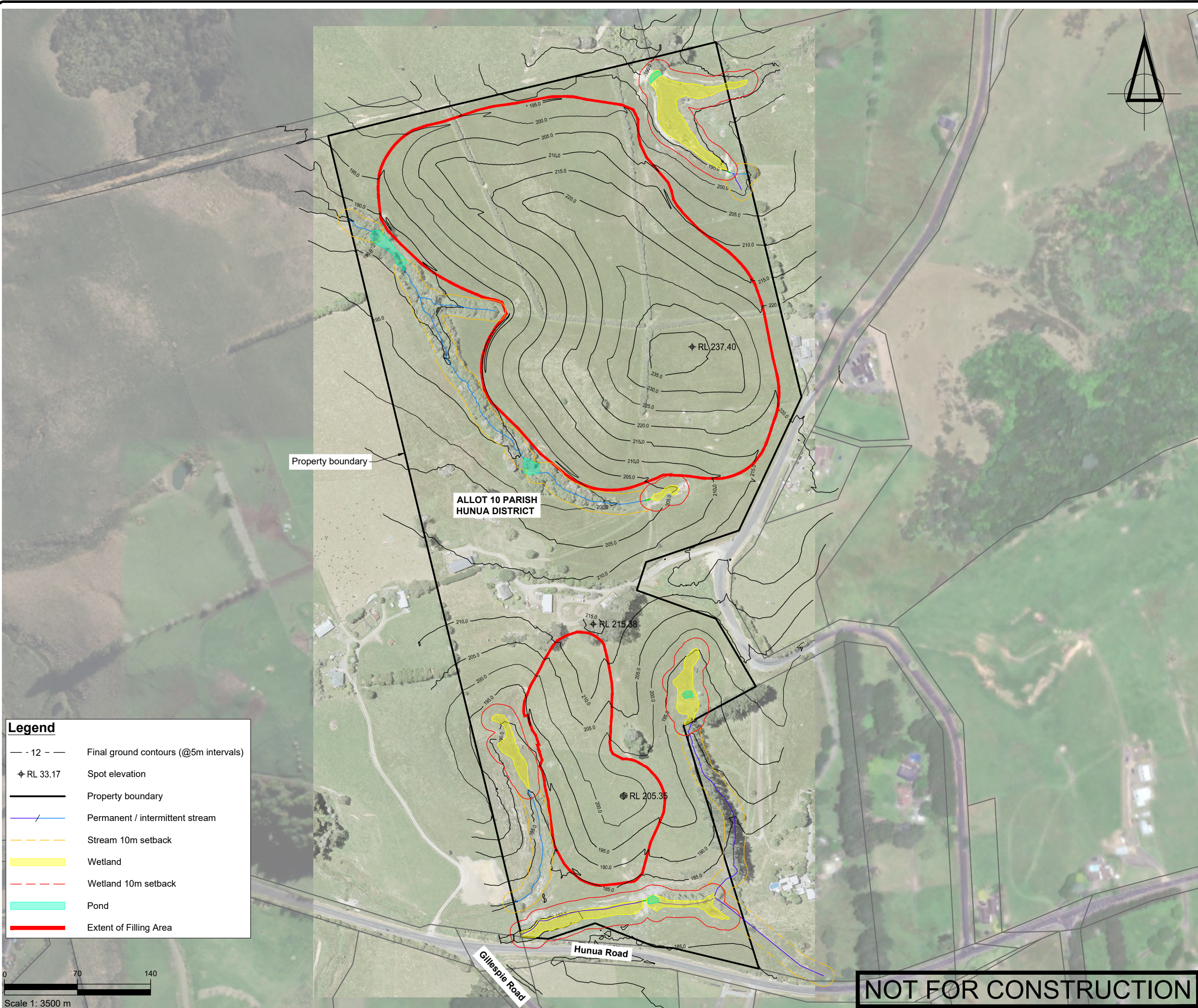
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Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE: 1:5000 (A3)
DRAWING No: 33250/002
REVISION: -

NOT FOR CONSTRUCTION

P:\333 series\33250\03 Drawings\33250-003.dwg, f:\hina, 12/2/2025 11:00 am



Legend	
— 12 —	Final ground contours (@5m intervals)
⊕ RL 33.17	Spot elevation
— — —	Property boundary
— / —	Permanent / intermittent stream
— — —	Stream 10m setback
■	Wetland
- - -	Wetland 10m setback
■	Pond
— — —	Extent of Filling Area

SURVEYED			APPROVED	DATE	
DESIGNED	TB	06.09.24	SF	27.09.24	
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
		</			

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

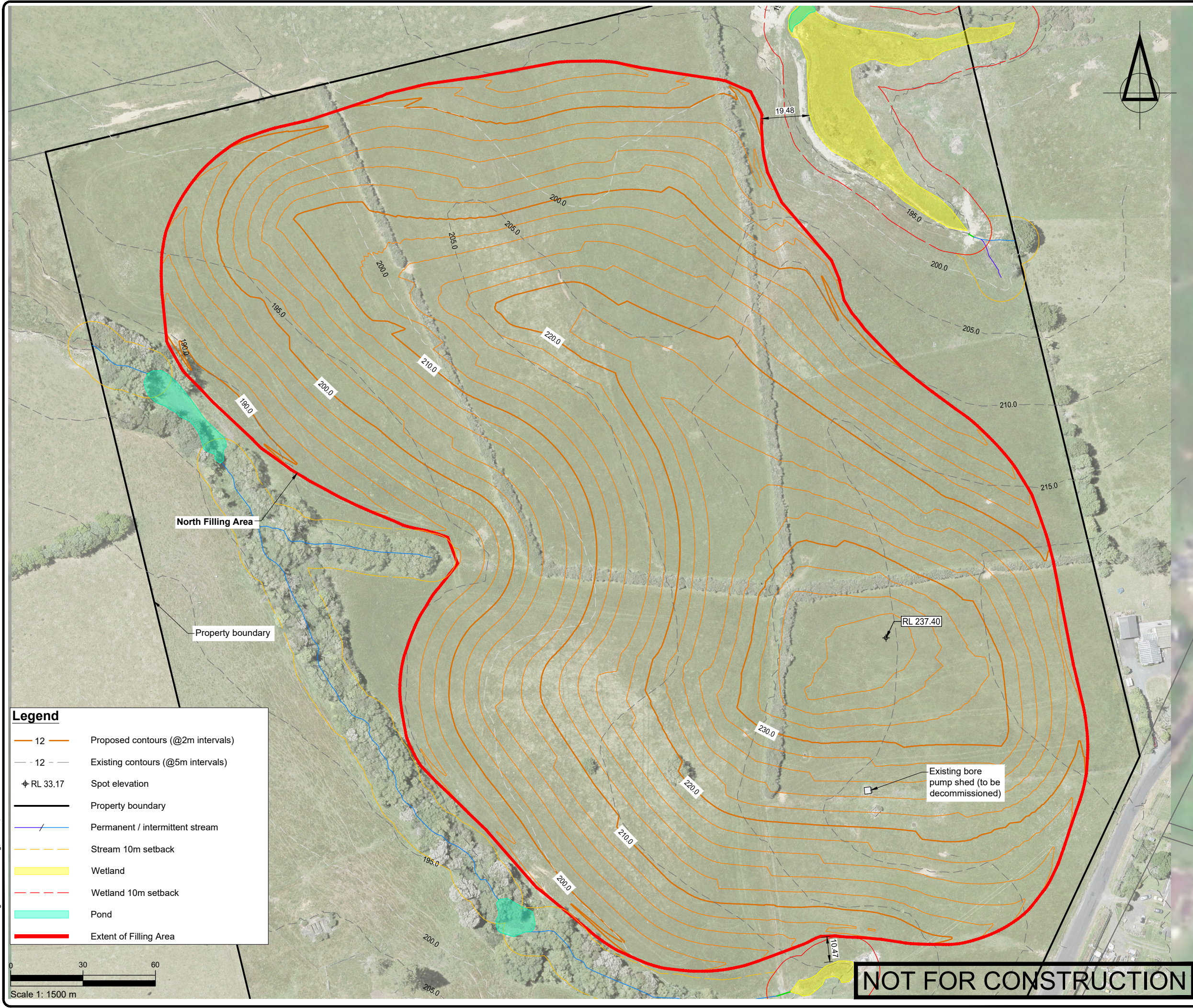
TITLE
PROPOSED FINISHED SITE PLAN

Fraser Thomas
ENGINEERS • RESOURCE MANAGERS • SURVEYORS
AUCKLAND 09 278 7078
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CHRISTCHURCH 03 358 5936
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SCALE 1:3500 (A3)
DRAWING No 33250/003 REVISION -

P:\33 series\33250\03 Drawings\33250-110.dwg, f:\ohra, 12/2/2025 11:00 am



Legend

12

Proposed contours (@2m intervals)

12

Existing contours (@5m intervals)

RL 33.17

Spot elevation

Property boundary

Permanent / intermittent stream

Stream 10m setback

Wetland

Wetland 10m setback

Pond

Extent of Filling Area

SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE

- NOTES
1.

Existing Ground Contour data obtained from LiDAR 2016.
2.

Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946

COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED NORTHERN FILLING AREA DEVELOPMENT SITE PLAN

Fraser Thomas

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AUCKLAND 09 278 7078

HAWKE'S BAY 06 211 2766

CHRISTCHURCH 03 358 5936

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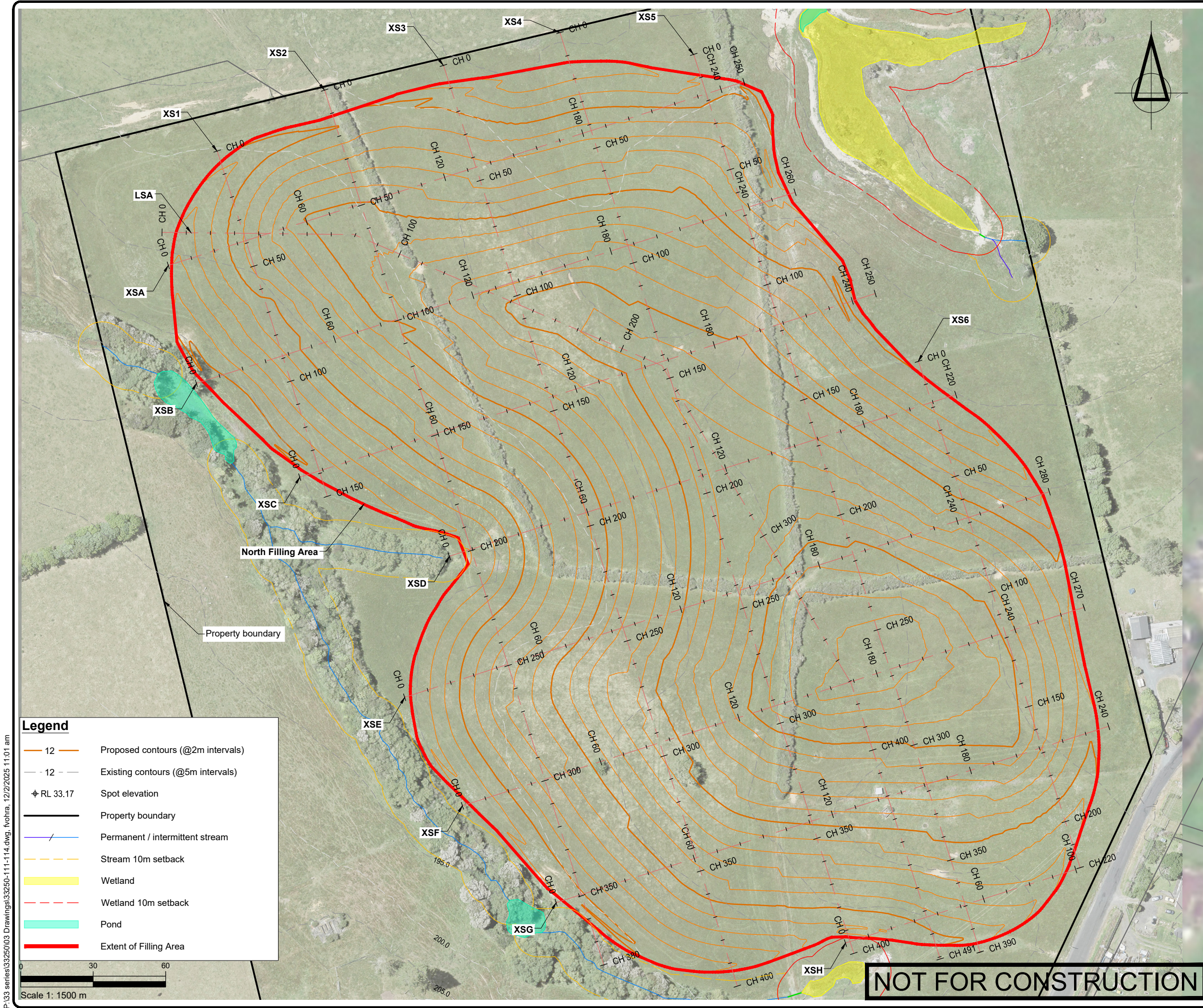
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SCALE 1:1500 (A3)

DRAWING No 33250/110

REVISION -



SURVEYED		APPROVED	DATE
DESIGNED	TB	06.09.24	SF
DRAWN	FV	06.09.24	27.09.24
CHECKED	TB	06.09.24	
REVISION	CHANGES		CHECKED DATE

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED NORTHERN FILLING AREA CROSS SECTION PLAN



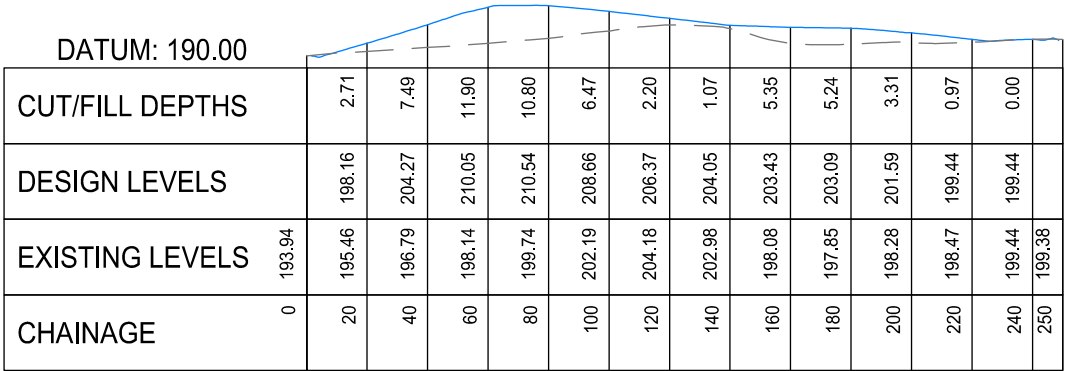
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SCALE 1:1500 (A3)
DRAWING No 33250/111 REVISION -

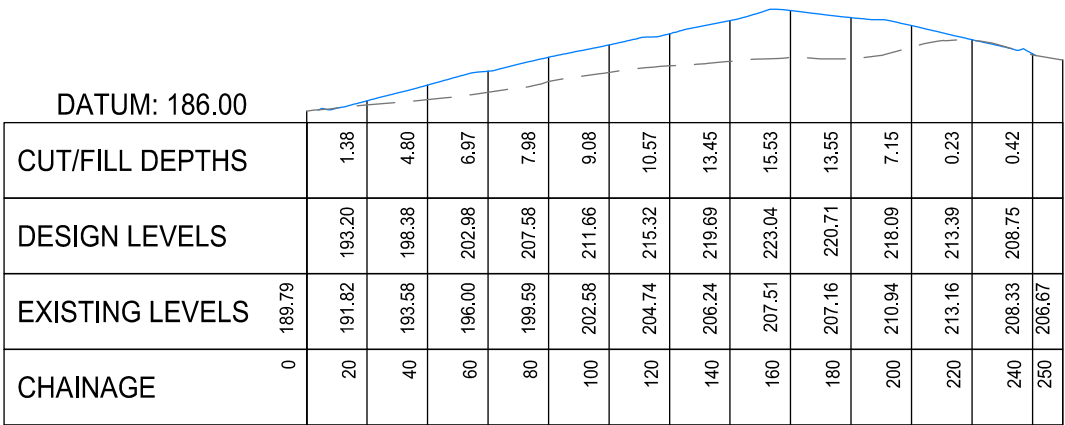
PROFILE VIEW LEGEND

EXISTING GROUND
DESIGN GROUND



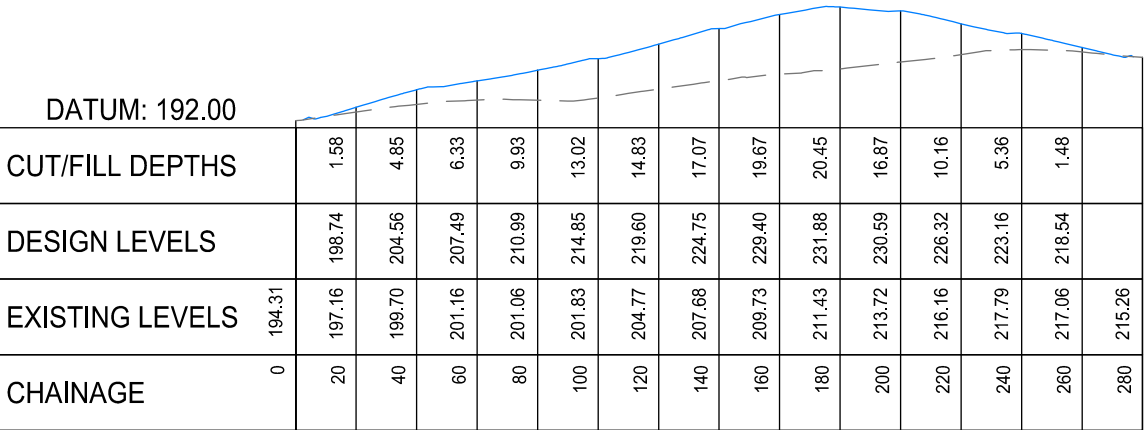
CROSS SECTION A

SCALE - 1:2500



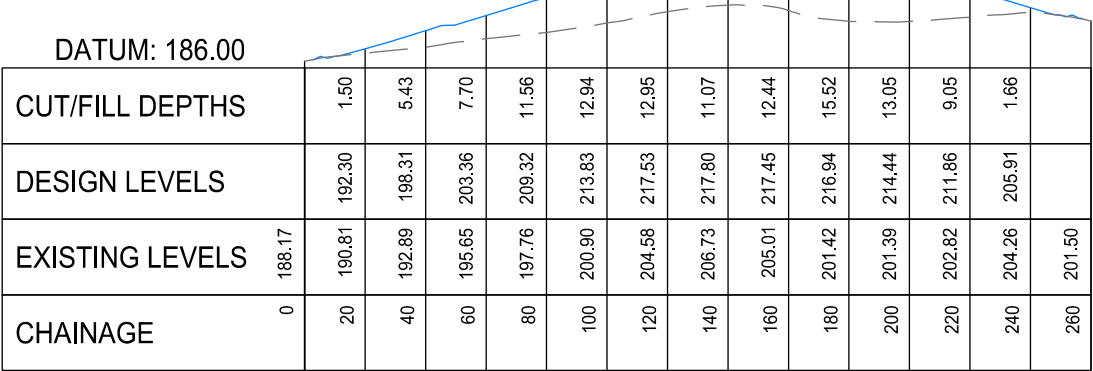
CROSS SECTION C

SCALE - 1:2500



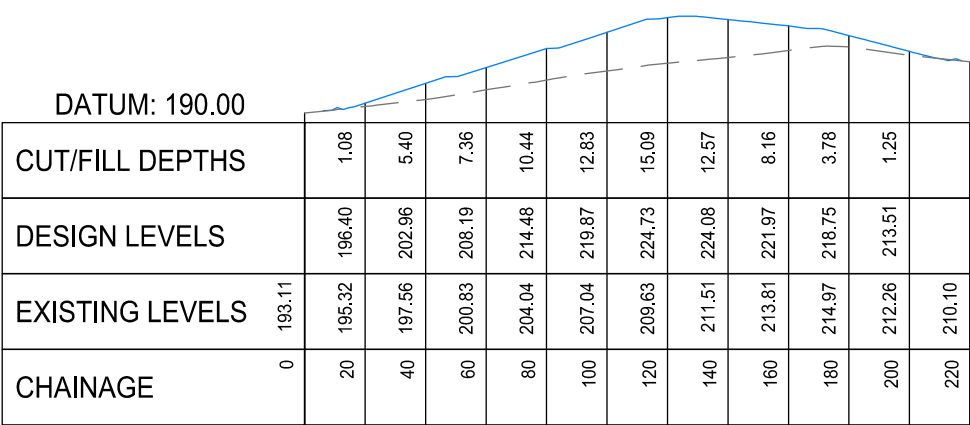
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SCALE - 1:2500



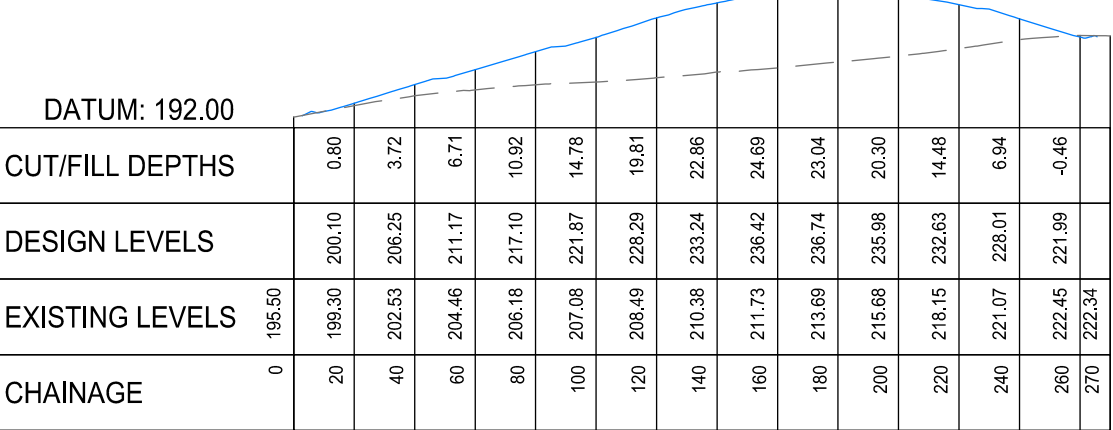
CROSS SECTION B

SCALE - 1:2500



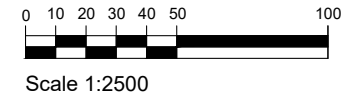
CROSS SECTION D

SCALE - 1:2500



CROSS SECTION F

SCALE - 1:2500



NOT FOR CONSTRUCTION

SURVEYED			APPROVED SF 27.09.24	DATE	
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE

NOTES

1. Existing Ground Contour data obtained from LiDAR 2016.

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED NORTHERN FILLING
AREA CROSS SECTIONS SHEET
1 OF 3



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AUCKLAND

HAWKE'S BAY

CHRISTCHURCH

BLLENHEIM

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SCALE AS SHOWN

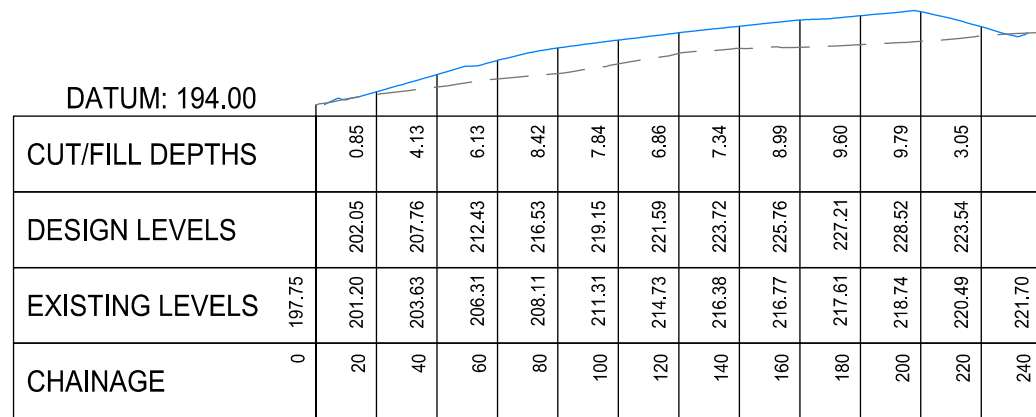
(A3)

DRAWING No 33250/112

REVISION -

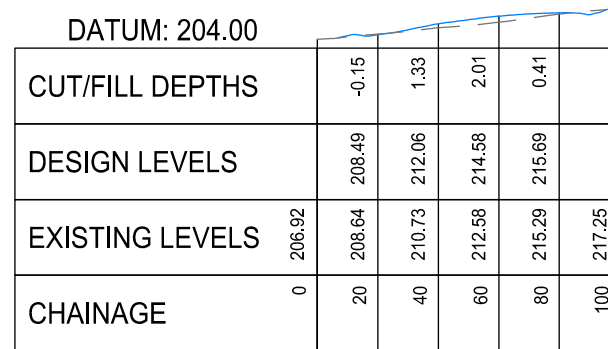
EXISTING GROUND

DESIGN GROUND

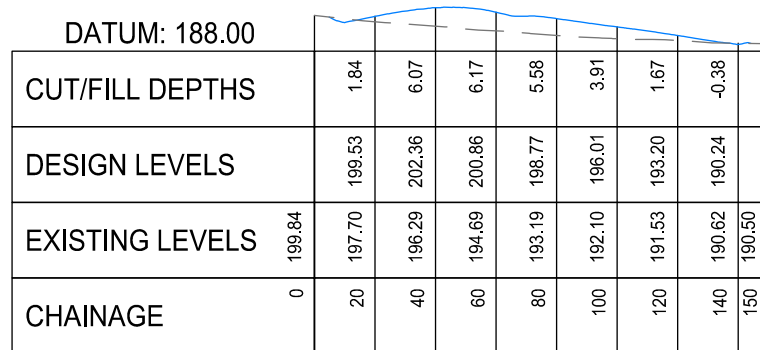


CROSS SECTION G

SCALE - 1:2500

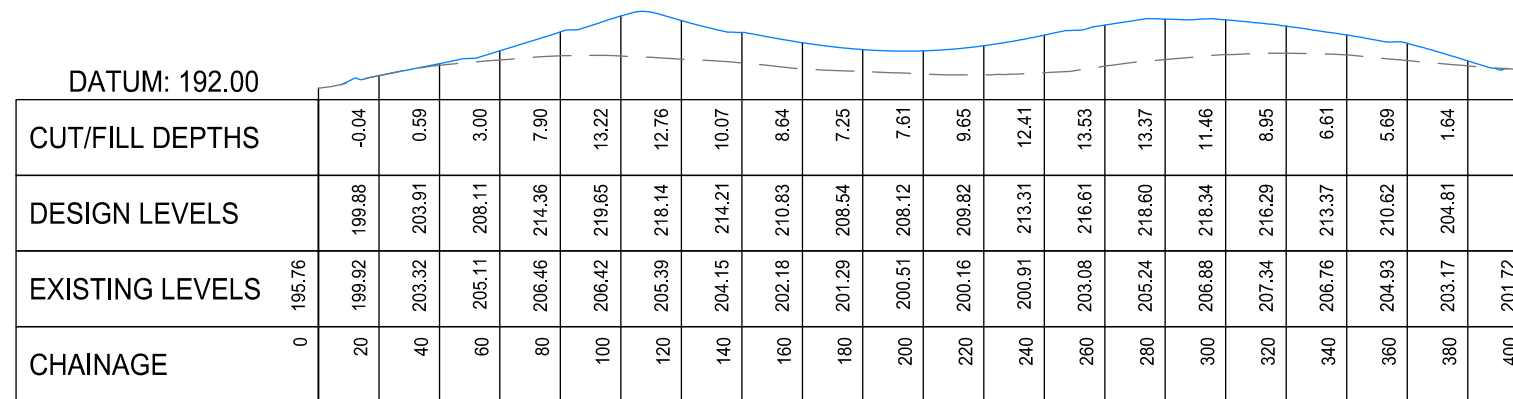


CROSS SECTION H

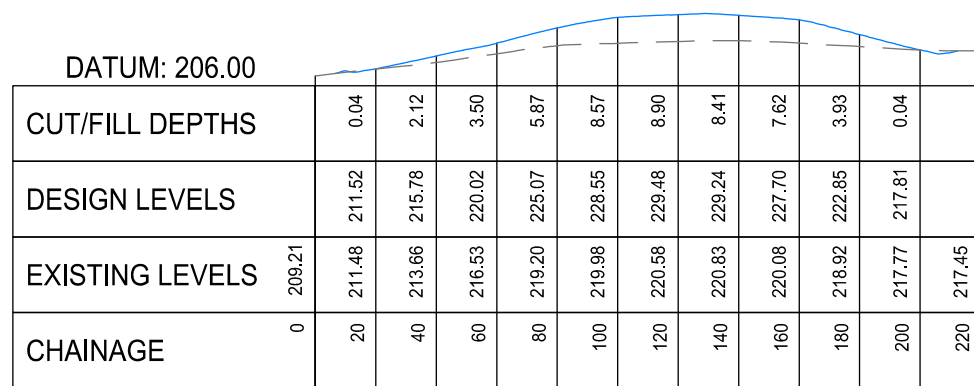


CROSS SECTION 1

SCALE - 1:2500

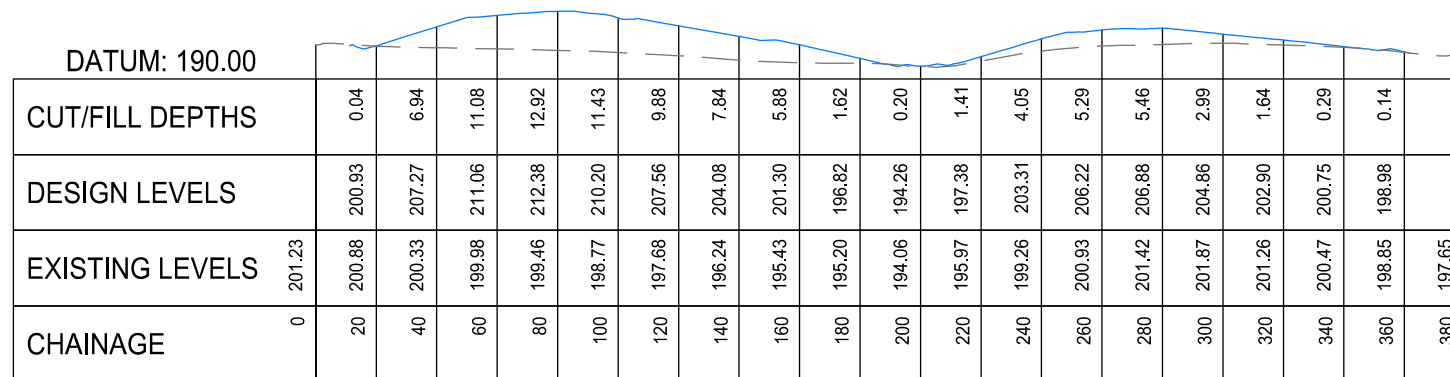


CROSS SECTION 3



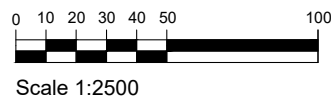
CROSS SECTION 6

SCALE - 1:2500



CROSS SECTION 2

SCALE - 1:2500



Scale 1:2500

NOT FOR CONSTRUCTION

[illegible]

NOTES

1. Existing Ground Contour data obtained from LiDAR 2016.

PROJECT DATUMS:
 LEVEL: Auckland Vertical Datum 1946
 COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

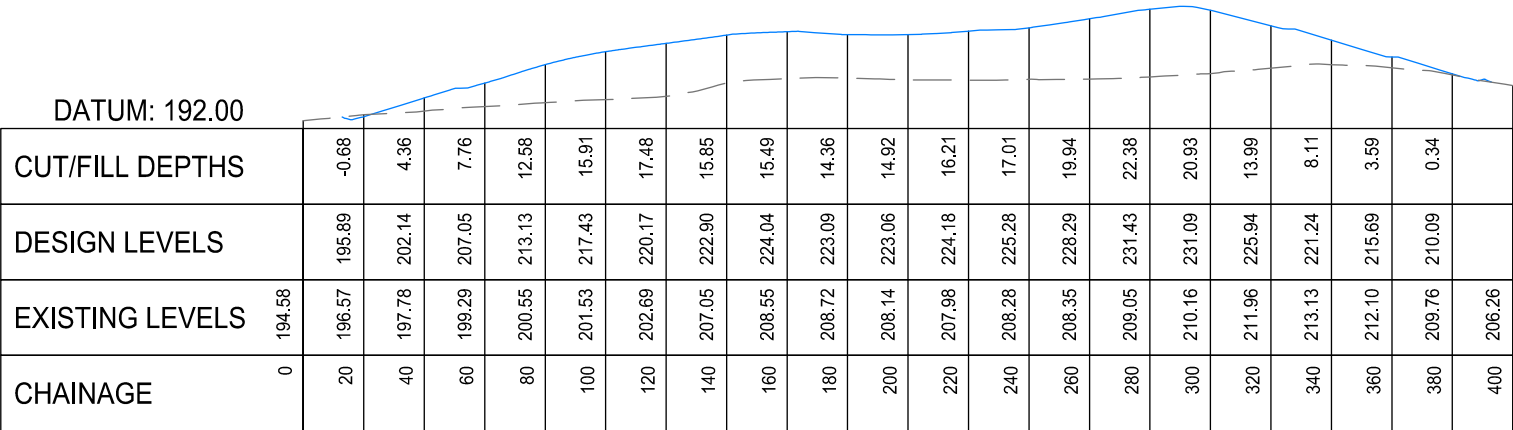
PROPOSED NORTHERN FILLING
AREA CROSS SECTIONS SHEET
2 OF 3

STATUS	FOR RESOURCE CONSENT Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.
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SCALE	AS SHOWN	(A3)
DRAWING No	33250/113	REVISION
		-

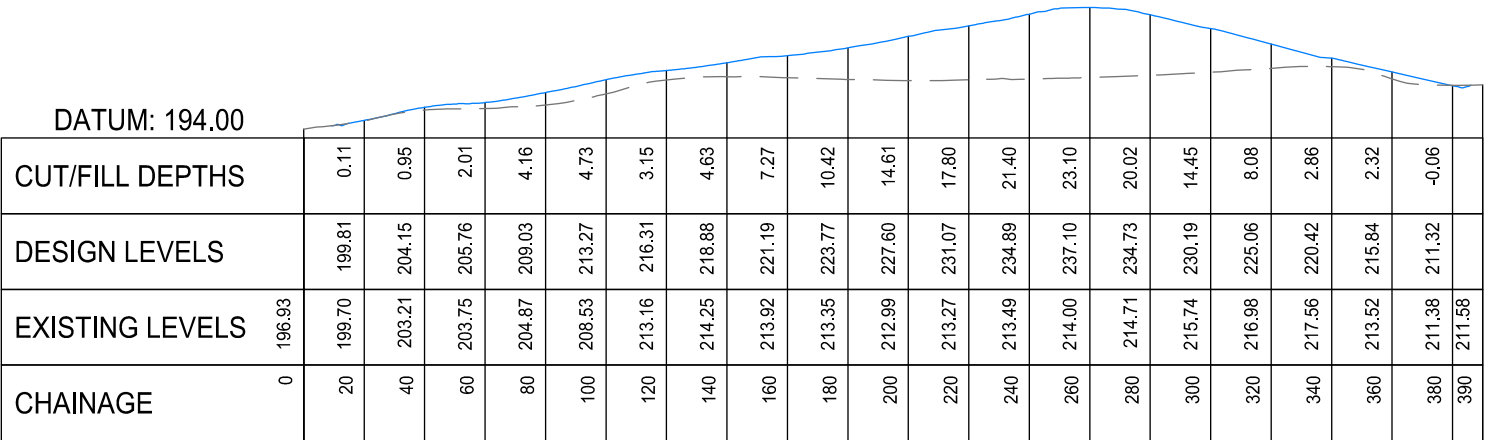
PROFILE VIEW LEGEND

EXISTING GROUND
DESIGN GROUND



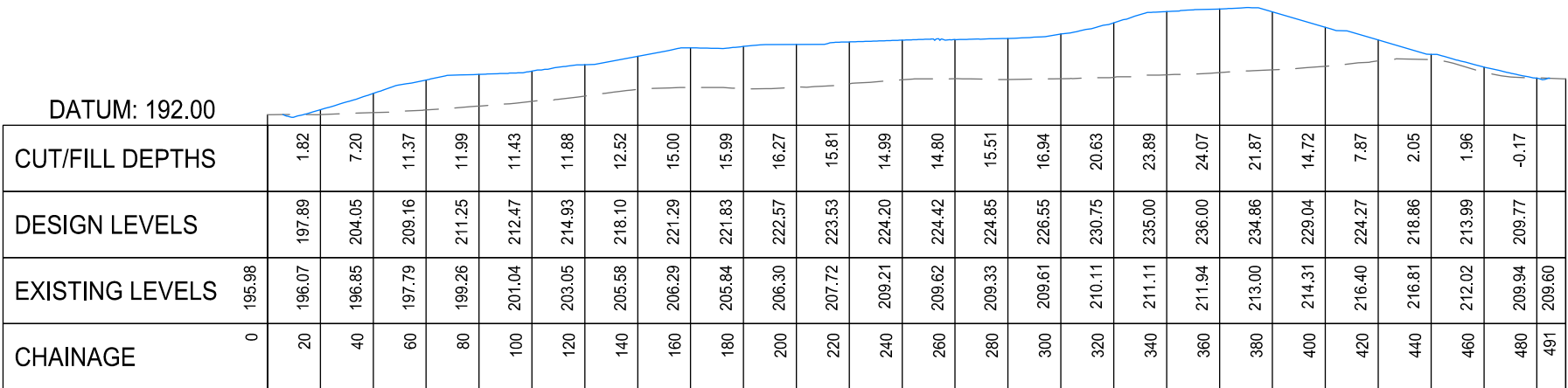
CROSS SECTION 4

SCALE - 1:2500



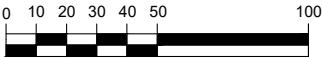
CROSS SECTION 5

SCALE - 1:2500



LONG SECTION A

SCALE - 1:2500



Scale 1:2500

NOT FOR CONSTRUCTION

SURVEYED			APPROVED SF 27.09.24	DATE	
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
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NOTES

1. Existing Ground Contour data obtained from LiDAR 2016.

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946

COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED NORTHERN FILLING
AREA CROSS SECTIONS SHEET
3 OF 3

Fraser
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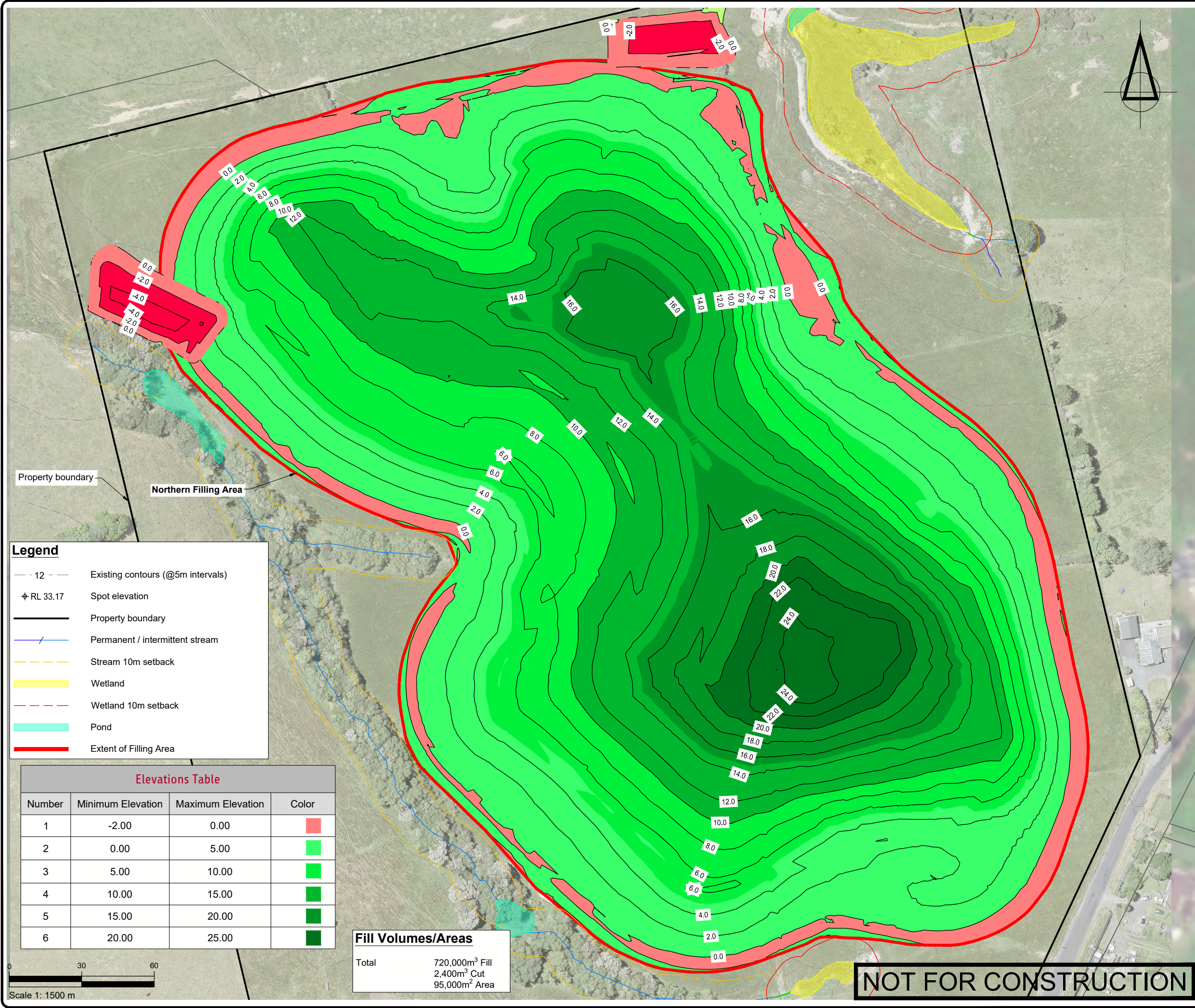
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SCALE AS SHOWN (A3)

DRAWING No 33250/114

REVISION -

P:\33 series\33250\03 Drawings\33250-120.dwg, msh, 28/2/2025 12:15 pm



SURVEYED	TB	06.09.24	APPROVED	SF	27.09.24
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	SRP EARTHWORKS			MR	28.02.25

NOTES

- Existing Ground Contour data obtained from LiDAR 2016.
- All works to be carried out in accordance with the Auckland Council Technical Publication GD05 Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region (GD05 June 2016).
- Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946

COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED NORTHERN FILLING AREA CUT AND FILL PLAN

Fraser Thomas

ENGINEERS • RESOURCE MANAGERS • SURVEYORS

AUCKLAND 09 278 7078

HAWKE'S BAY 06 211 2766

CHRISTCHURCH 03 358 5936

BLenheim 03 428 3292

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STATUS

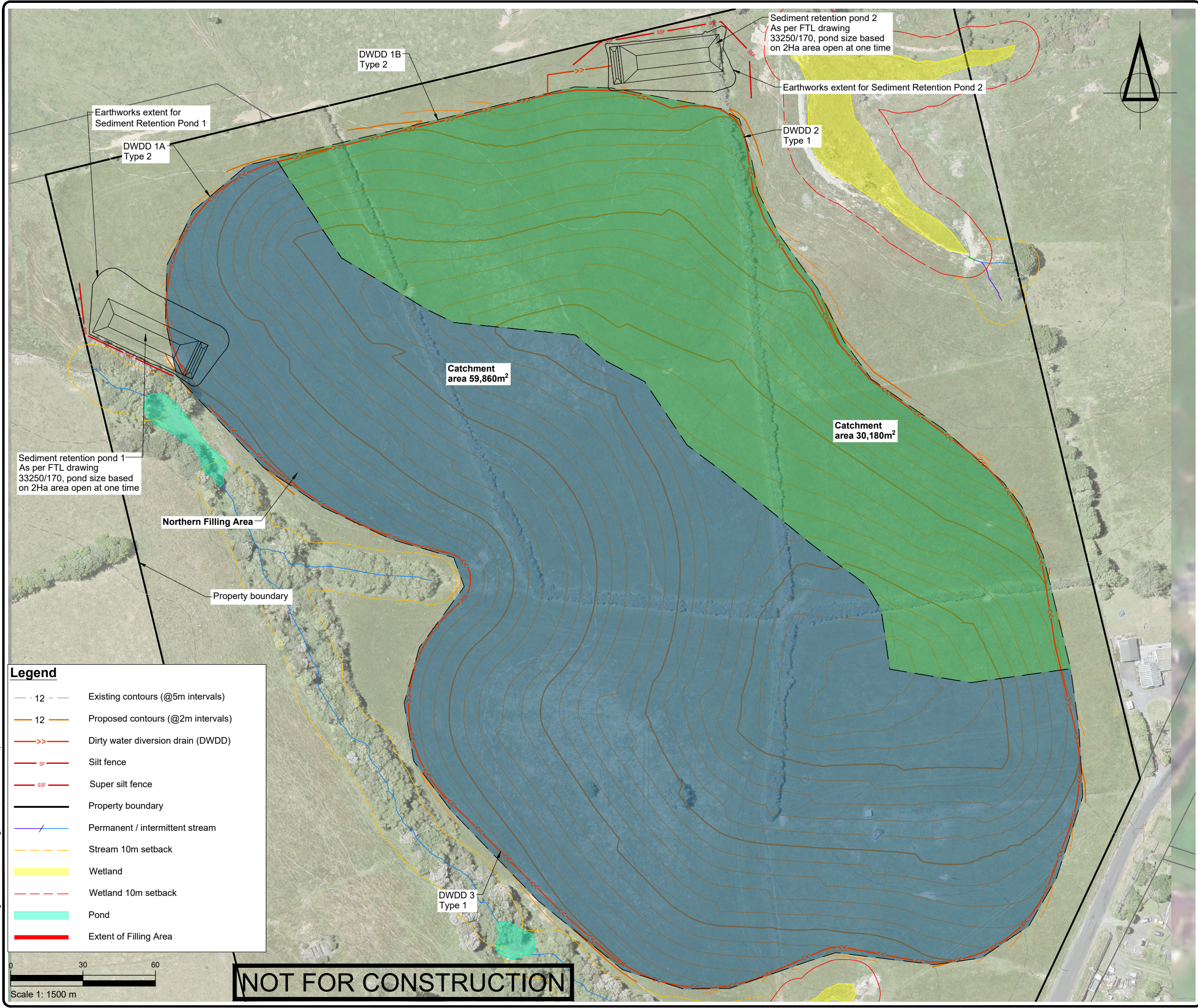
FOR RESOURCE CONSENT

Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE 1:1500 (A3)

DRAWING No 33250/120 **REVISION** A

P:\33 series\33250\03 Drawings\33250-121-122.dwg, mruush, 28/2/2025 4:17 pm



SURVEYED			APPROVED	DATE	
DESIGNED	TB	06.09.24		SF	27.09.24
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES		CHECKED	DATE	
A	SILT FENCE REMOVED		SF	15.01.25	

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Filling Area area will be staged. Open area to be progressively stabilised. Locations of final SRPs are shown indicatively, but other SRPs may be constructed as a part of the construction methodology.
 - All works to be carried out in accordance with the Auckland Council Technical Publication GD05 Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region (GD05 June 2016).
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946

COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED NORTHERN
EROSION AND SEDIMENT
CONTROL PLAN

Fraser Thomas

ENGINEERS • RESOURCE MANAGERS • SURVEYORS

AUCKLAND 09 278 7078

HAWKE'S BAY 06 211 2766

CHRISTCHURCH 03 358 5936

BLENHEIM 03 428 3292

NELSON 03 222 1132

TAURANGA 020 4118 9465

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STATUS

FOR RESOURCE CONSENT

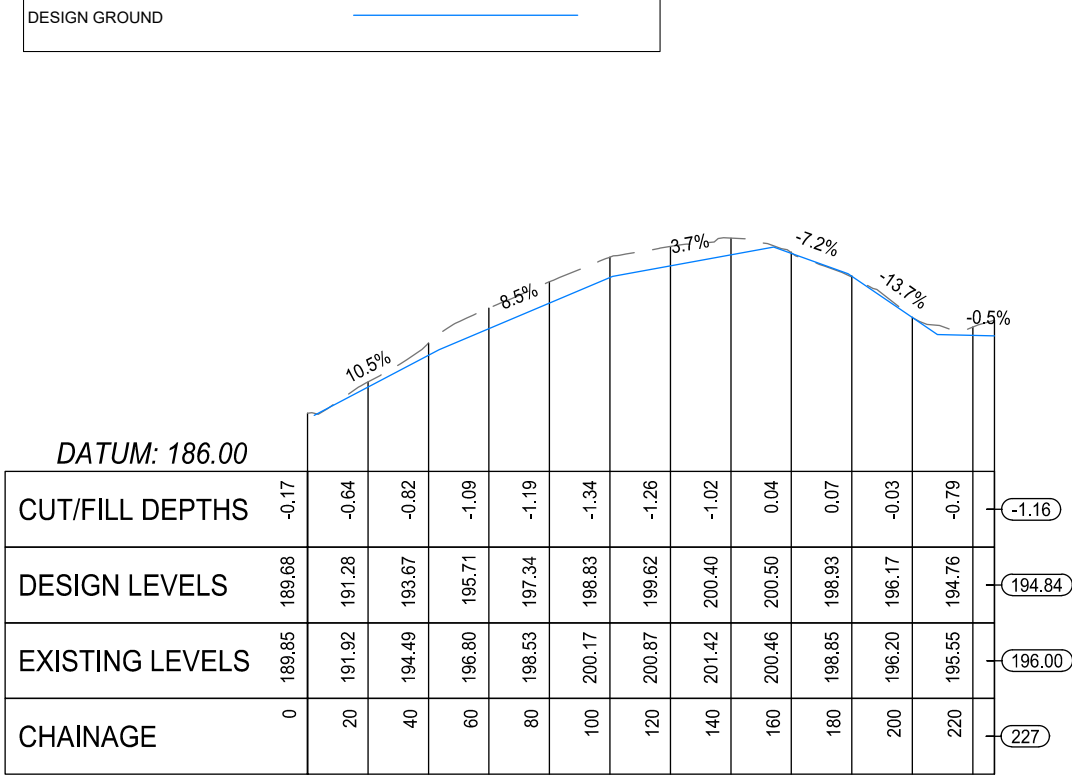
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE 1:1500 (A3)

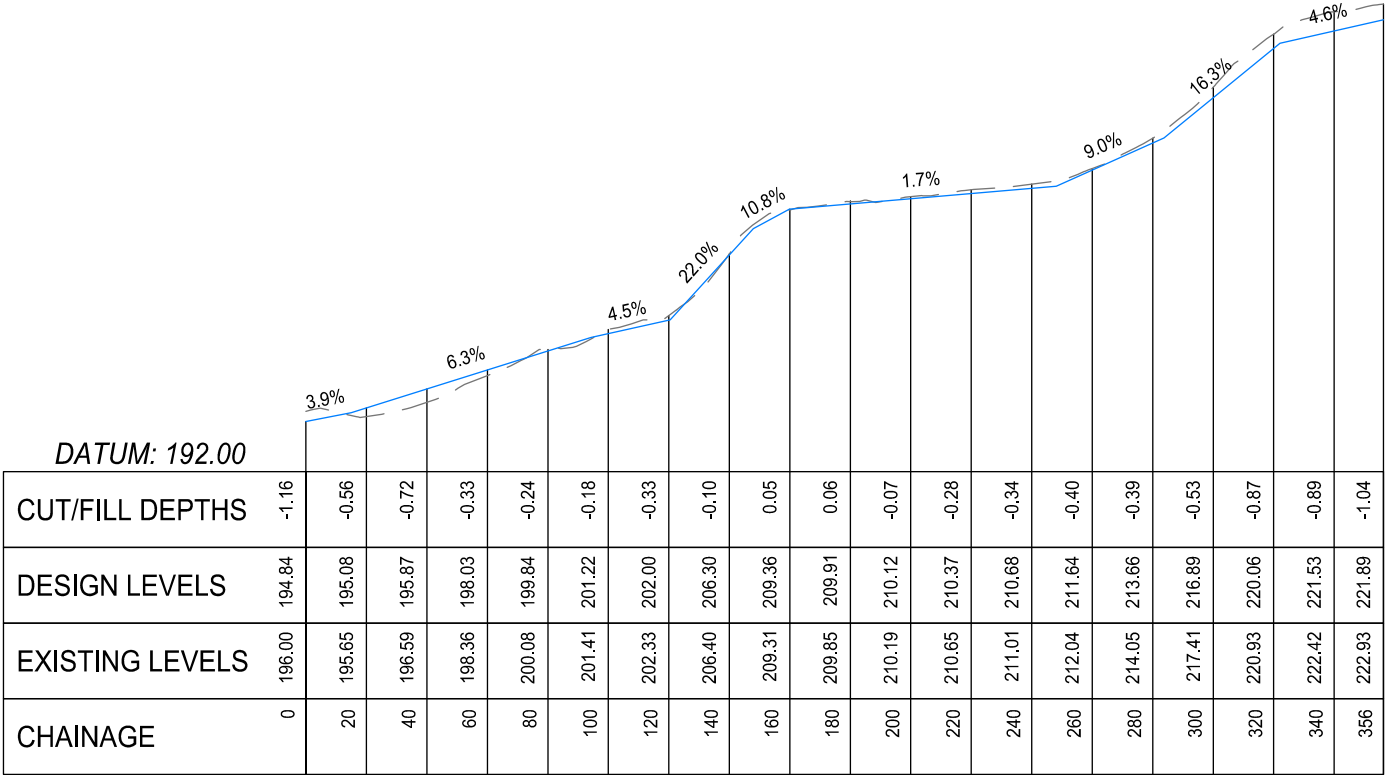
DRAWING No 33250/121 REVISION A

PROFILE VIEW LEGEND

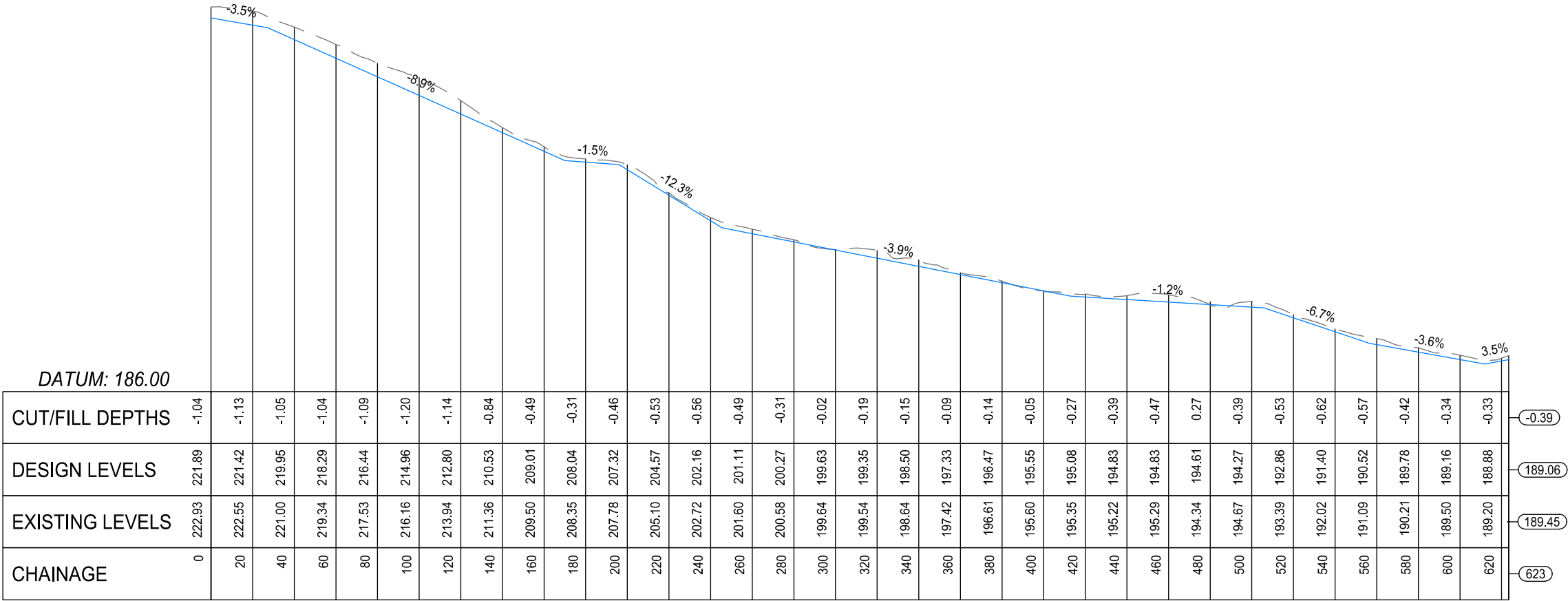
EXISTING GROUND
DESIGN GROUND



LONG SECTION DWDD 1A & 1B
SCALE - 1:2500 H, 1:500 V



LONG SECTION DWDD 2
SCALE - 1:2500 H, 1:500 V



LONG SECTION DWDD 3
SCALE - 1:2500 H, 1:500 V



NOT FOR CONSTRUCTION

SURVEYED			APPROVED SF 27.09.24	DATE	
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - All works to be carried out in accordance with the Auckland Council Technical Publication GD05 Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region (GD05 June 2016).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED NORTHERN DIRTY
WATER DIVERSION DRAIN LONG
SECTIONS

ENGINEERS • RESOURCE MANAGERS • SURVEYORS

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HAWKE'S BAY 06 211 2766
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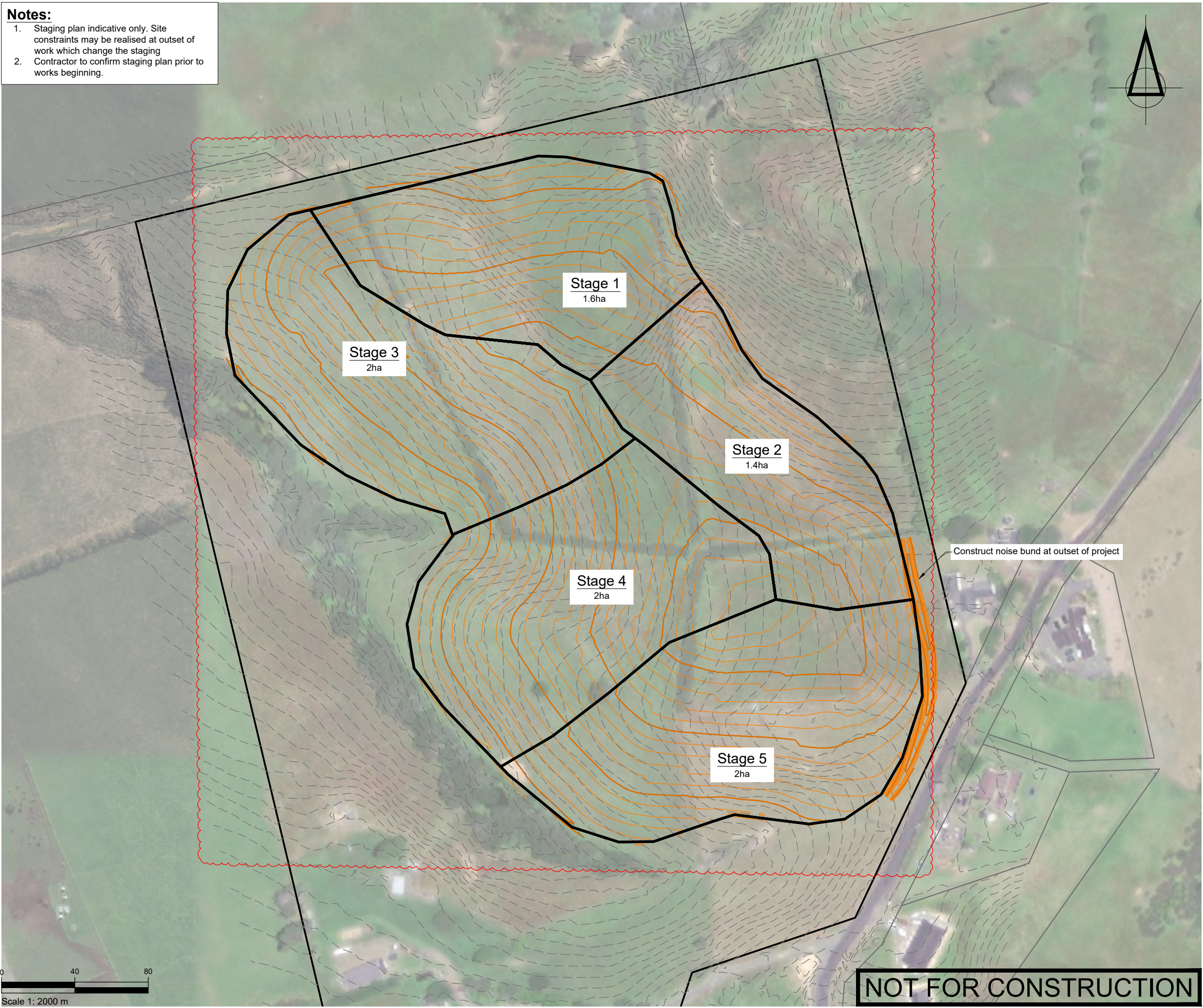
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STATUS
FOR RESOURCE CONSENT
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE AS SHOWN (A3)
DRAWING No 33250/122 REVISION -

- Notes:**
- 1. Staging plan indicative only. Site constraints may be realised at outset of work which change the staging
 - 2. Contractor to confirm staging plan prior to works beginning.



SURVEYED			APPROVED SF 27.09.24	DATE	
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	UPDATED STAGING			SF	07.02.25
					</

NOTES

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

INDICATIVE NORTHERN FILLING
AREA STAGING PLAN



**Fraser
Thomas**

ENGINEERS • RESOURCE MANAGERS • SURVEYORS

AUCKLAND 09 278 7078
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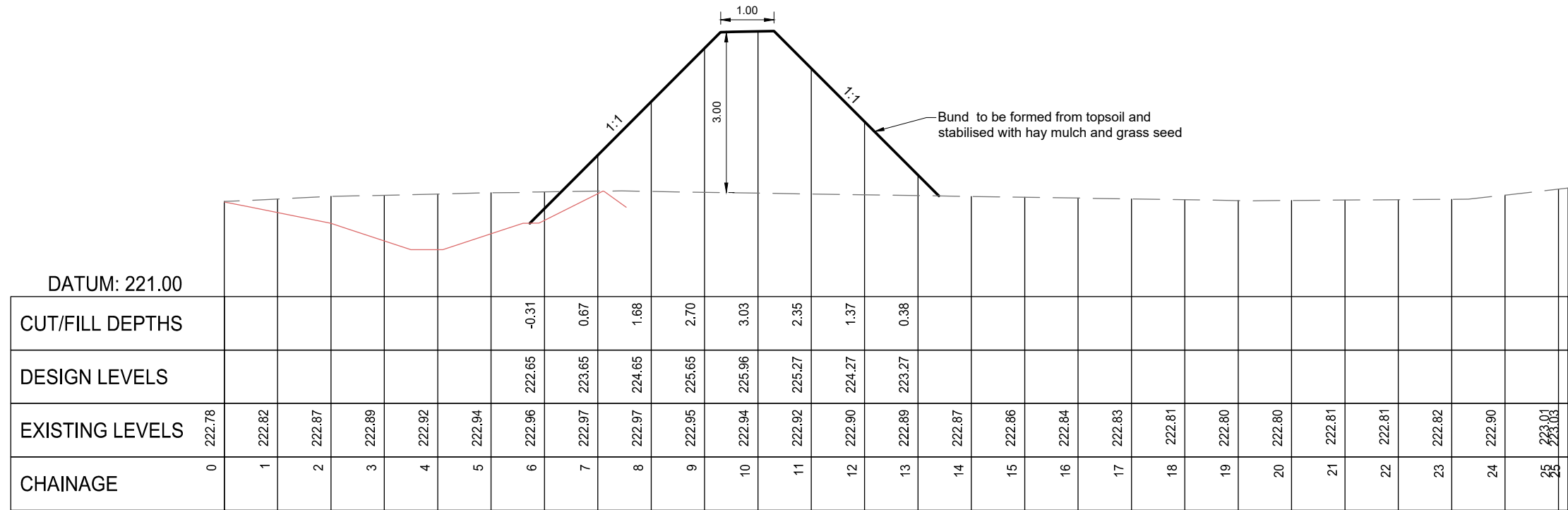
FOR RESOURCE CONSENT

Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

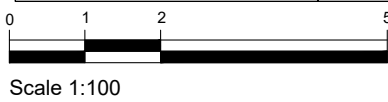
SCALE	1:2000	(A3)
DRAWING No	33250/130	REVISION
		A



NOISE BUND LOCATION PLAN
SCALE 1:1000



NOISE BUND CROSS SECTION
SCALE 1:100



SURVEYED			APPROVED SF 27.09.24	DATE	
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	CROSS SECTION A & B ADDED			SF	15.01.25

NOTES

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
NOISE BUND DETAILS PLAN -
SHEET 1 OF 2

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SCALE AS SHOWN (A3)
DRAWING No 33250/131 REVISION A

NOT FOR CONSTRUCTION

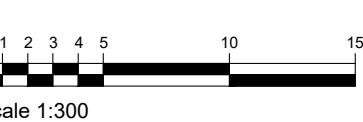
NOTES

<u>PROJECT DATUMS:</u>
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

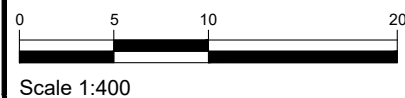
PROJECT

362 JONES RD, HUNUA

STATUS	FOR RESOURCE CONSENT Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.
SCALE	AS SHOWN (A3)
DRAWING No	REVISION
33250/132	-



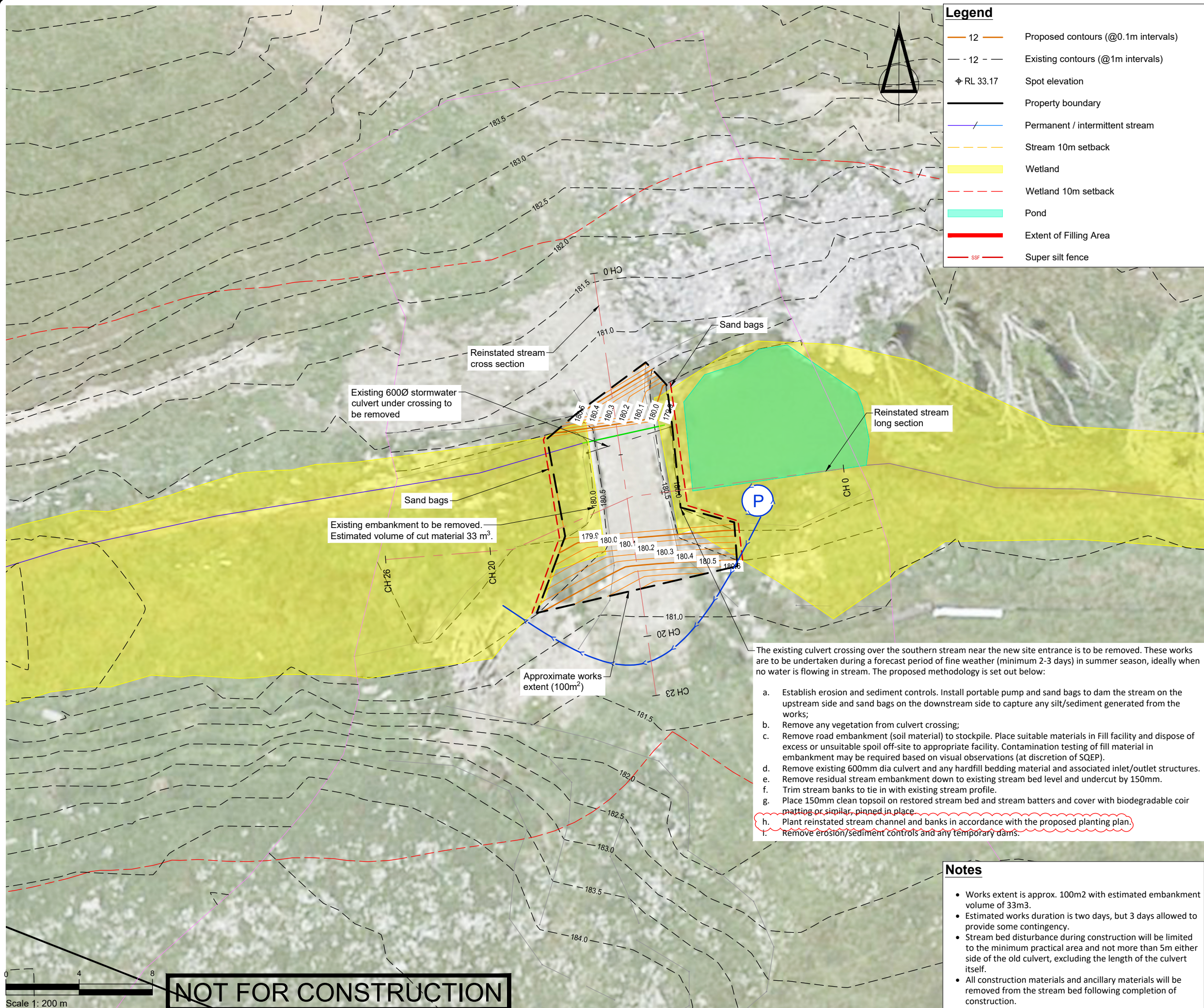
CROSS SECTION A
SCALE 1:300



CROSS SECTION B
SCALE 1:400

NOT FOR CONSTRUCTION

P:\33 series\33250\03 Drawings\33250-140-141.dwg, gsingh, 12/2/2025 11:02 am



Legend		
— 12 —	Proposed contours (@0.1m intervals)	
- - 12 - -	Existing contours (@1m intervals)	
⊕ RL 33.17	Spot elevation	
—	Property boundary	
— / —	Permanent / intermittent stream	
—	Stream 10m setback	
 	Wetland	
- - -	Wetland 10m setback	
 	Pond	
—	Extent of Filling Area	
— SF —	Super silt fence	

SURVEYED			APPROVED		DATE
DESIGNED	TB	06.09.24	SF 27.09.24		
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES				DATE
A	SILT FENCE REPLACED WITH SAND BAGS				15.01.25
B	UPDATED NOTES				10.02.25

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016 and FTL survey conducted on 04/04/2024
 - Streams, wetlands and ponds from Boffa Miskell Ecological Report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
REMOVAL OF EXISTING STREAM CROSSING



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Thomas

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AUCKLAND

HAWKE'S BAY

CHRISTCHURCH

BLLENHEIM

NELSON

TAURANGA

09 278 7078

06 211 2766

03 358 5936

03 428 3292

03 222 1132

020 4118 9465

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STATUS

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Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE

1:200

(A3)

DRAWING No

33250/140

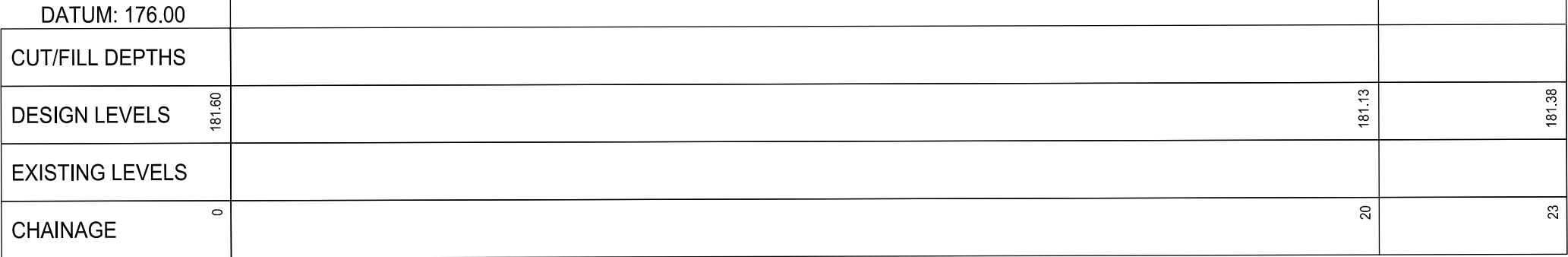
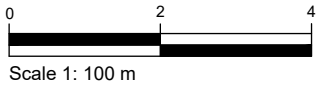
REVISION

B

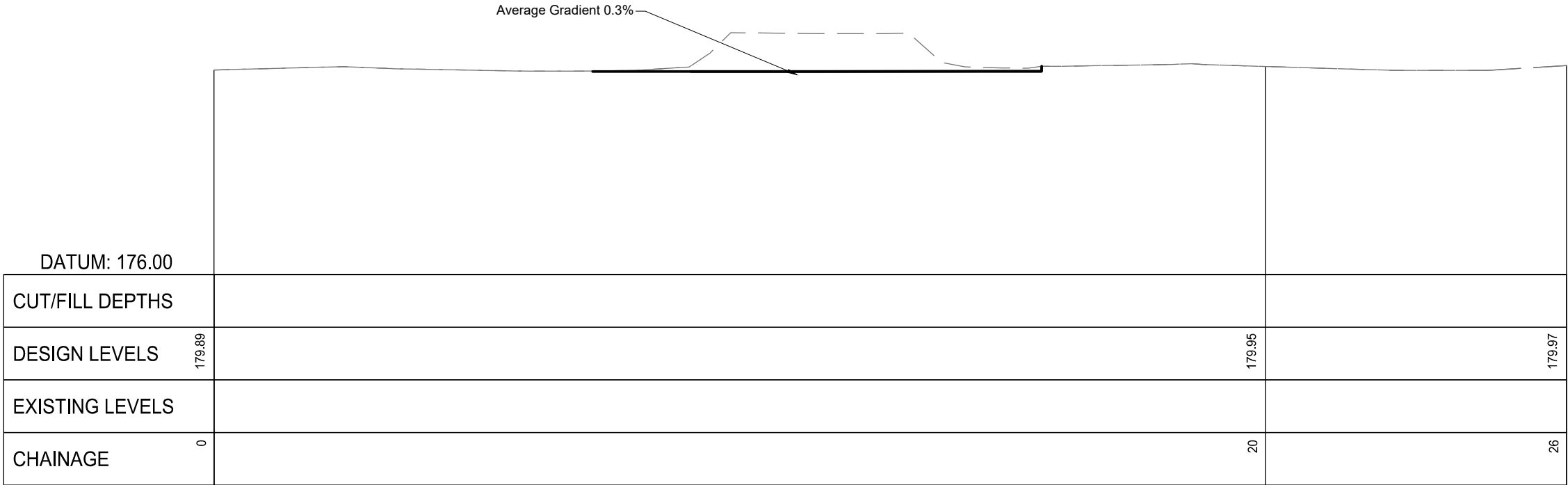
- The existing culvert crossing over the southern stream near the new site entrance is to be removed. These works are to be undertaken during a forecast period of fine weather (minimum 2-3 days) in summer season, ideally when no water is flowing in stream. The proposed methodology is set out below:
- Establish erosion and sediment controls. Install portable pump and sand bags to dam the stream on the upstream side and sand bags on the downstream side to capture any silt/sediment generated from the works;
 - Remove any vegetation from culvert crossing;
 - Remove road embankment (soil material) to stockpile. Place suitable materials in Fill facility and dispose of excess or unsuitable spoil off-site to appropriate facility. Contamination testing of fill material in embankment may be required based on visual observations (at discretion of SQEP).
 - Remove existing 600mm dia culvert and any hardfill bedding material and associated inlet/outlet structures.
 - Remove residual stream embankment down to existing stream bed level and undercut by 150mm.
 - Trim stream banks to tie in with existing stream profile.
 - Place 150mm clean topsoil on restored stream bed and stream batters and cover with biodegradable coir matting or similar, pinned in place.
 - Plant reinstated stream channel and banks in accordance with the proposed planting plan.
 - Remove erosion/sediment controls and any temporary dams.

- Notes**
- Works extent is approx. 100m2 with estimated embankment volume of 33m3.
 - Estimated works duration is two days, but 3 days allowed to provide some contingency.
 - Stream bed disturbance during construction will be limited to the minimum practical area and not more than 5m either side of the old culvert, excluding the length of the culvert itself.
 - All construction materials and ancillary materials will be removed from the stream bed following completion of construction.

P:\33 series\33250\03 Drawings\33250-140-141.dwg, gsingh, 12/2/2025 11:02 am



REINSTATED STREAM CROSS SECTION
SCALE 1:100



REINSTATED STREAM LONG SECTION
SCALE 1:100

NOT FOR CONSTRUCTION

SURVEYED			APPROVED	DATE	
DESIGNED	TB	06.09.24			
DRAWN	FV	15.01.25			
CHECKED	TB	16.01.25			
REVISION	CHANGES			CHECKED	DATE

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016 and FTL survey conducted on 04/04/2024
 - Streams, wetlands and ponds from Boffa Miskell Ecological Report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
LONG SECTION AND CROSS
SECTION OF REINSTATED
STREAM AND WETLAND



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HAWKE'S BAY 06 211 2766
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STATUS

FOR RESOURCE CONSENT

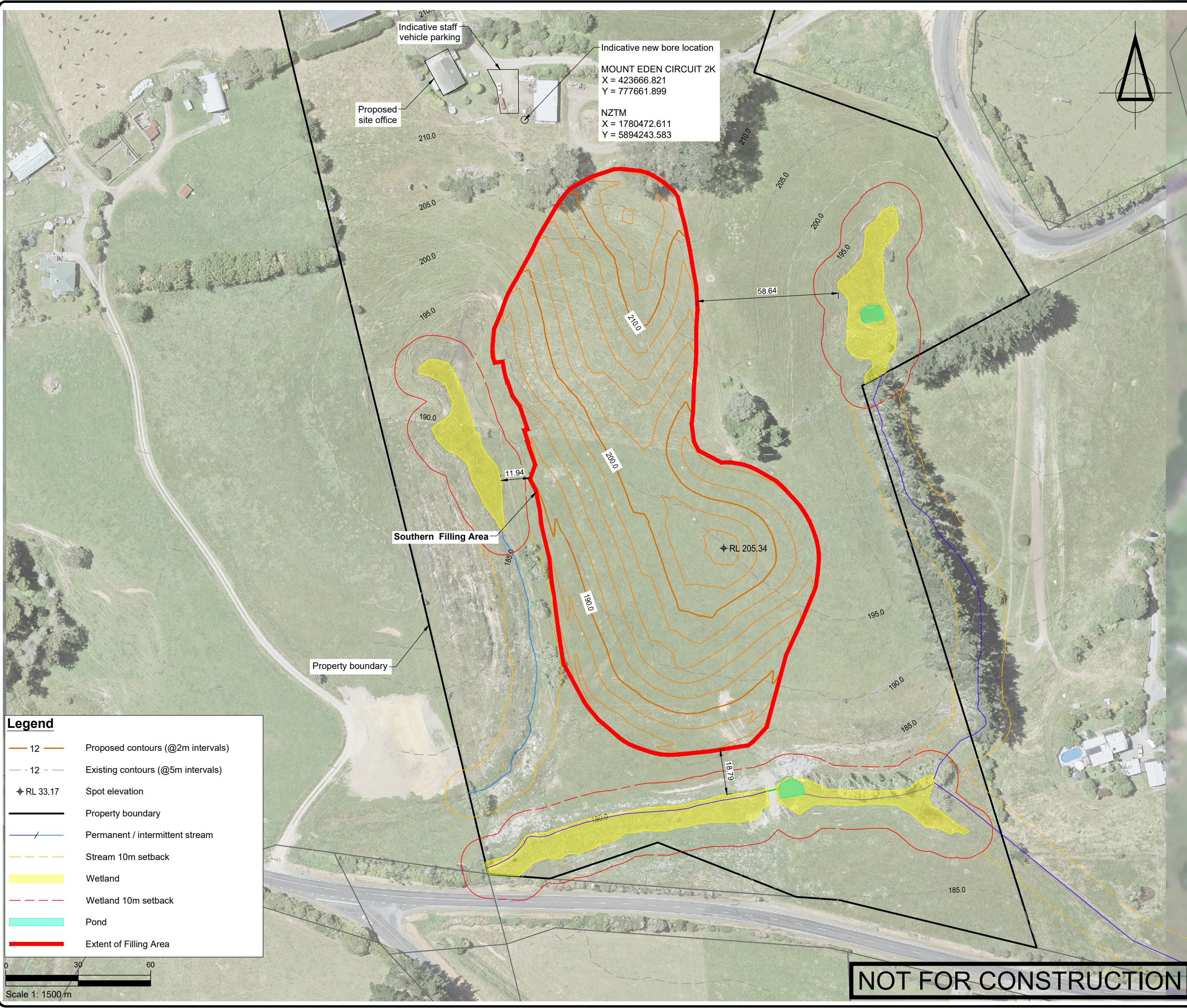
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE 1:200 (A3)

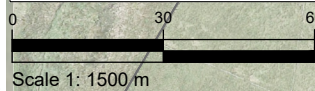
DRAWING No 33250/141

REVISION -

P:\33 series\33250\03 Drawings\33250-150.dwg, f:\ohra, 12/2/2025 11:02 am



Legend		
— 12 —	Proposed contours (@2m intervals)	
— 12 —	Existing contours (@5m intervals)	
ϕ RL 33.17	Spot elevation	
—	Property boundary	
— / —	Permanent / intermittent stream	
---	Stream 10m setback	
 	Wetland	
---	Wetland 10m setback	
 	Pond	
—	Extent of Filling Area	



SURVEYED	TB	06.09.24	APPROVED		SF	27.09.24
DESIGNED	TB	06.09.24				
DRAWN	FV	06.09.24				
CHECKED	TB	06.09.24				
REVISION	CHANGES		CHECKED	DATE		
A	PROPOSED BORE COORDINATED ADDED		SF	15.01.25		

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
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PROJECT
362 JONES RD, HUNUA

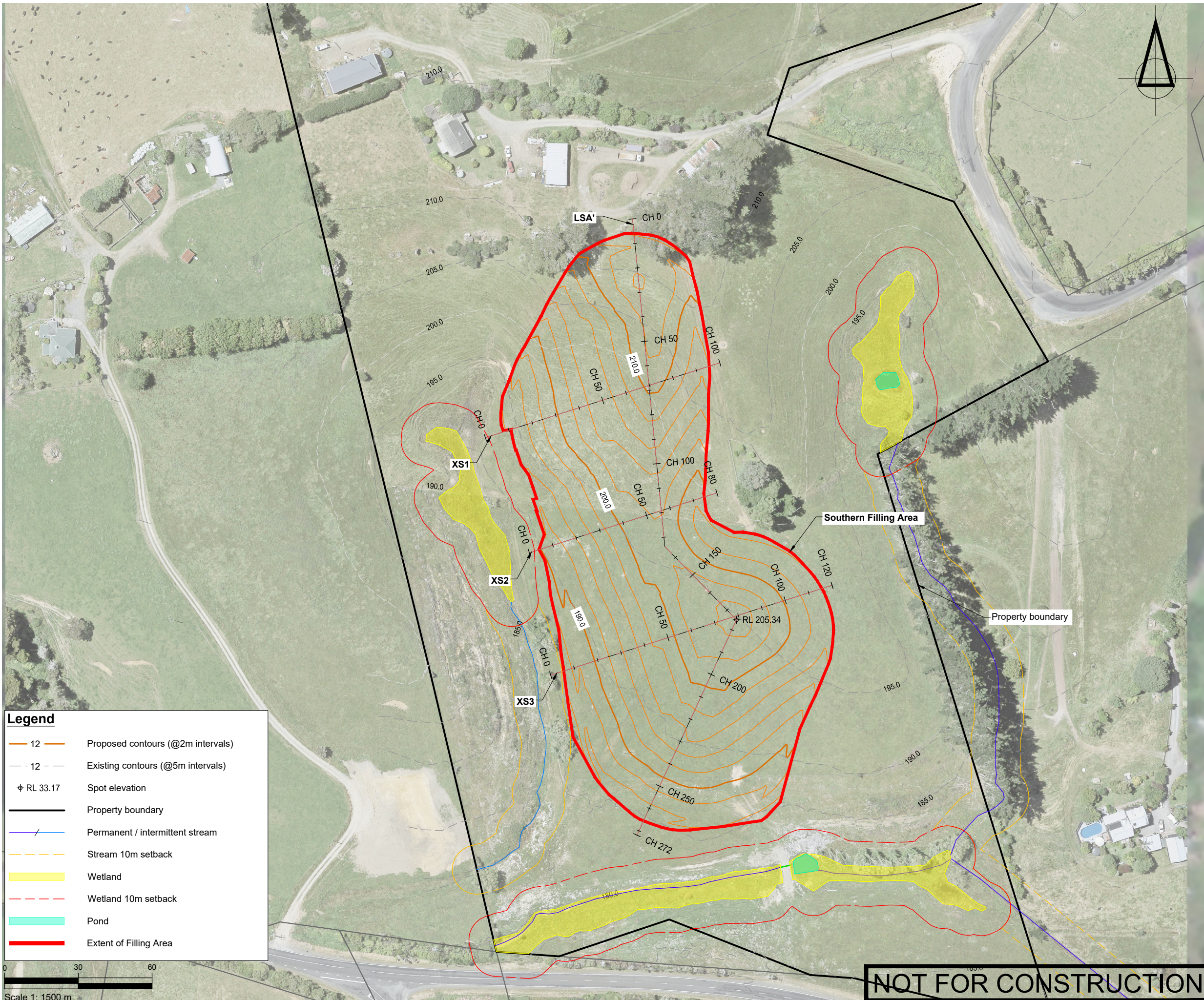
TITLE
PROPOSED SOUTHERN FILLING AREA DEVELOPMENT SITE PLAN



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STATUS		FOR RESOURCE CONSENT	
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.			
SCALE	1:1500	(A3)	
DRAWING No	33250/150	REVISION	A

P:\33 series\33250\03 Drawings\33250-151-152.dwg, fvoihra, 12/2/2025 11:02 am



Legend

- 12 Proposed contours (@2m intervals)
- 12 Existing contours (@5m intervals)
- RL 33.17 Spot elevation
- Property boundary
- Permanent / intermittent stream
- Stream 10m setback
- Wetland
- Wetland 10m setback
- Pond
- Extent of Filling Area

Scale 1: 1500 m

SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	FB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
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PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED SOUTHERN FILLING
AREA CROSS SECTION PLAN

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AUCKLAND 09 278 7078
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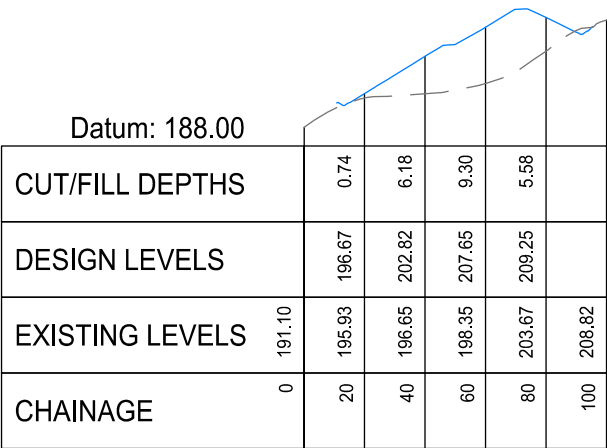
STATUS
FOR RESOURCE CONSENT
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE 1:1500 (A3)
DRAWING No 33250/151
REVISION -

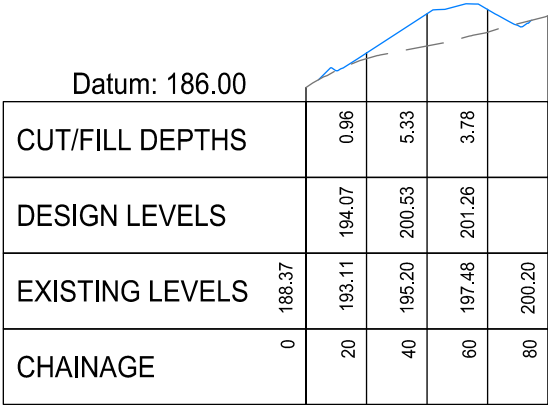
NOT FOR CONSTRUCTION

PROFILE VIEW LEGEND

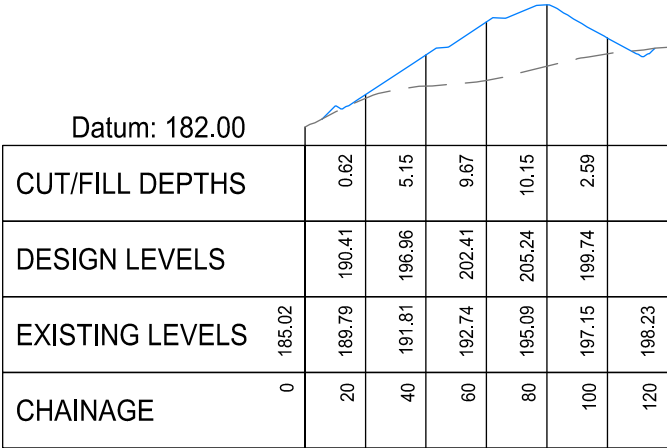
EXISTING GROUND
DESIGN GROUND



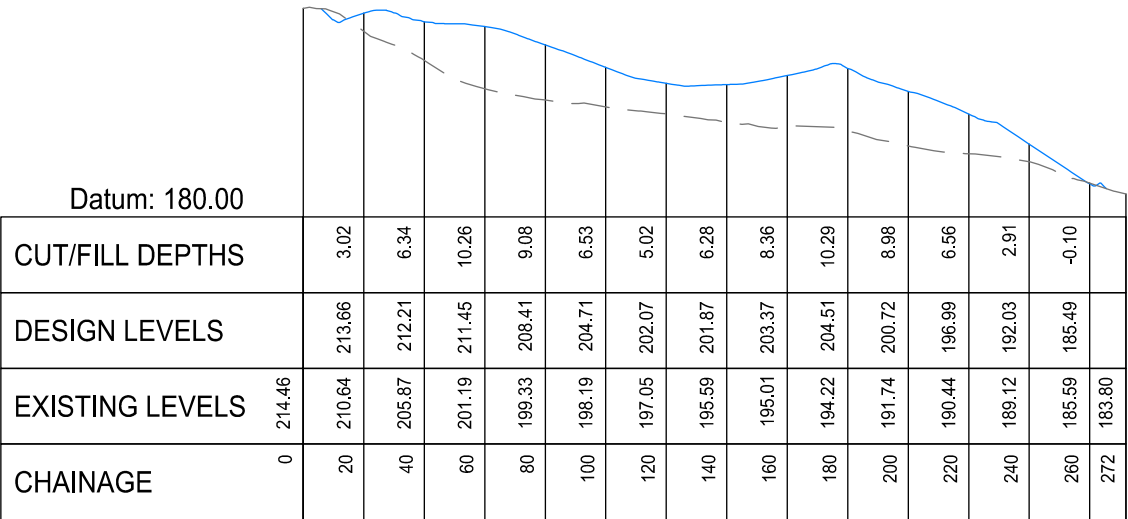
CROSS SECTION 1
SCALE - 1:2500 H, 1:1000 V



CROSS SECTION 2
SCALE - 1:2500 H, 1:1000 V



CROSS SECTION 3
SCALE - 1:2500 H, 1:1000 V



LONG SECTION A'
SCALE - 1:2500 H, 1:1000 V



Scale 1:2500



Scale 1:1000

SURVEYED			APPROVED	DATE
DESIGNED	TB	06.09.24	SF	27.09.24
DRAWN	FV	06.09.24		
CHECKED	TB	06.09.24		
REVISION	CHANGES		CHECKED	DATE

NOTES
Existing Ground Contour data obtained from LiDAR 2016.

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
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PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED SOUTHERN FILLING
AREA CROSS SECTIONS SHEET
1 OF 1

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HAWKE'S BAY 06 211 2766
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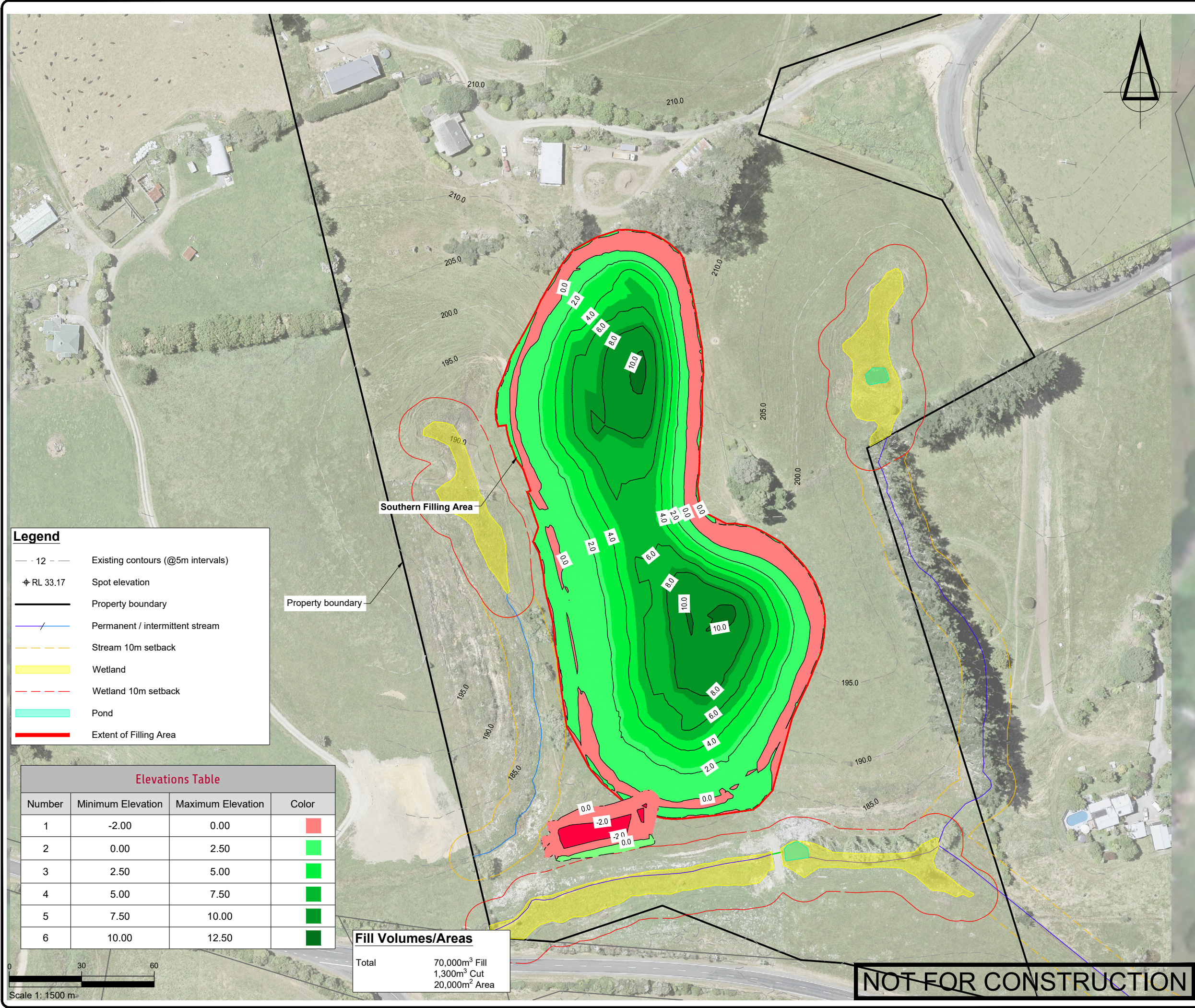
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STATUS FOR RESOURCE CONSENT Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.	
SCALE AS SHOWN	(A3)
DRAWING No 33250/152	REVISION -

NOT FOR CONSTRUCTION

P:\33 series\33250\03 Drawings\33250-160.dwg, f:\roha, 28/2/2025 12:22 pm



Legend

- 12 — Existing contours (@5m intervals)
- ⊕ RL 33.17 Spot elevation
- Property boundary
- / — Permanent / intermittent stream
- - - Stream 10m setback
- Wetland
- - - Wetland 10m setback
- Pond
- Extent of Filling Area

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-2.00	0.00	
2	0.00	2.50	
3	2.50	5.00	
4	5.00	7.50	
5	7.50	10.00	
6	10.00	12.50	

Fill Volumes/Areas	
Total	70,000m ³ Fill 1,300m ³ Cut 20,000m ² Area

SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	SRP EARTHWORKS			MR	28.02.25

- NOTES
- Existing Ground Contour data obtained from LIDAR 2016.
 - All works to be carried out in accordance with the Auckland Council Technical Publication GD05 Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region (GD05 June 2016).
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:	
LEVEL:	Auckland Vertical Datum 1946
COORDINATE:	NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED SOUTHERN FILLING AREA CUT AND FILL SITE PLAN



Fraser
Thomas

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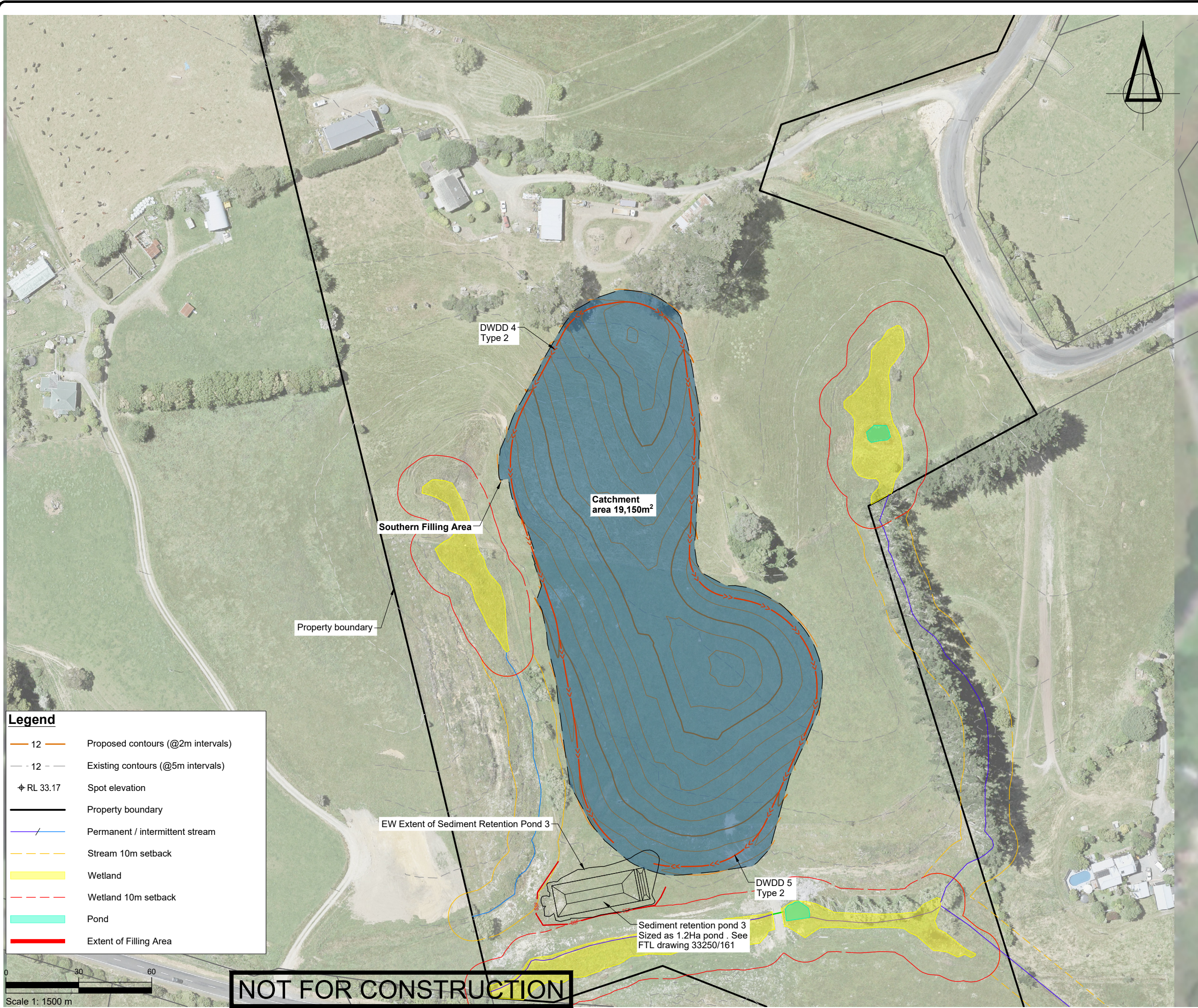
AUCKLAND 09 278 7078
HAWKE'S BAY 06 211 2766
CHRISTCHURCH 03 358 5936
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STATUS	
FOR RESOURCE CONSENT	
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.	
SCALE	1:1500 (A3)
DRAWING No	33250/160
REVISION	A

P:\33 series\33250\03 Drawings\33250-161-162.dwg, mru.sh, 28/2/2025 11:44 am



Legend	
— 12	Proposed contours (@2m intervals)
- - 12	Existing contours (@5m intervals)
⚡ RL 33.17	Spot elevation
—	Property boundary
— / —	Permanent / intermittent stream
---	Stream 10m setback
■	Wetland
---	Wetland 10m setback
■	Pond
---	Extent of Filling Area

SURVEYED			APPROVED		DATE	
DESIGNED	TB	06.09.24	SF 27.09.24			
DRAWN	FV	06.09.24				
CHECKED	TB	06.09.24				
REVISION	CHANGES		CHECKED	DATE		
A	SRP EW AND SUPER SILT FENCE		MR	28.02.25		

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Filling Area area will be staged. Open area to be progressively stabilised. Locations of final SRPs are shown indicatively, but other SRPs may be constructed as a part of the construction methodology.
 - All works to be carried out in accordance with the Auckland Council Technical Publication GD05 Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region (GD05 June 2016).
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED SOUTHERN
EROSION AND SEDIMENT
CONTROL PLAN



Fraser
Thomas

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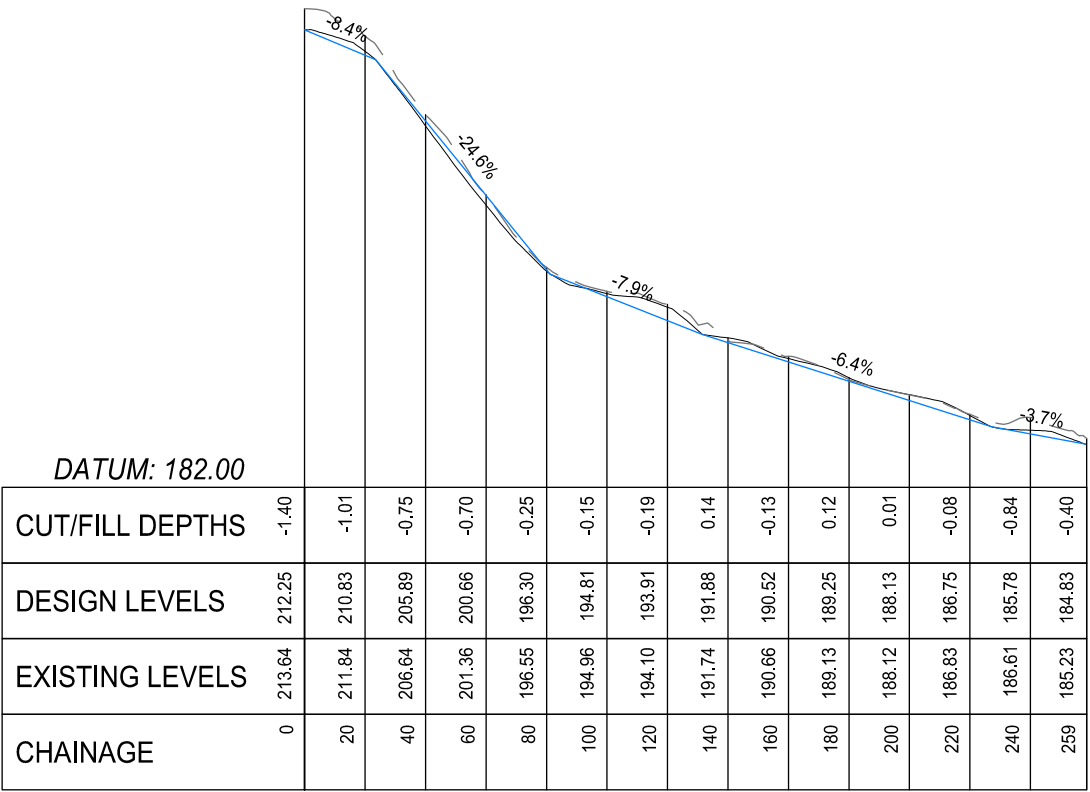
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STATUS
FOR RESOURCE CONSENT
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

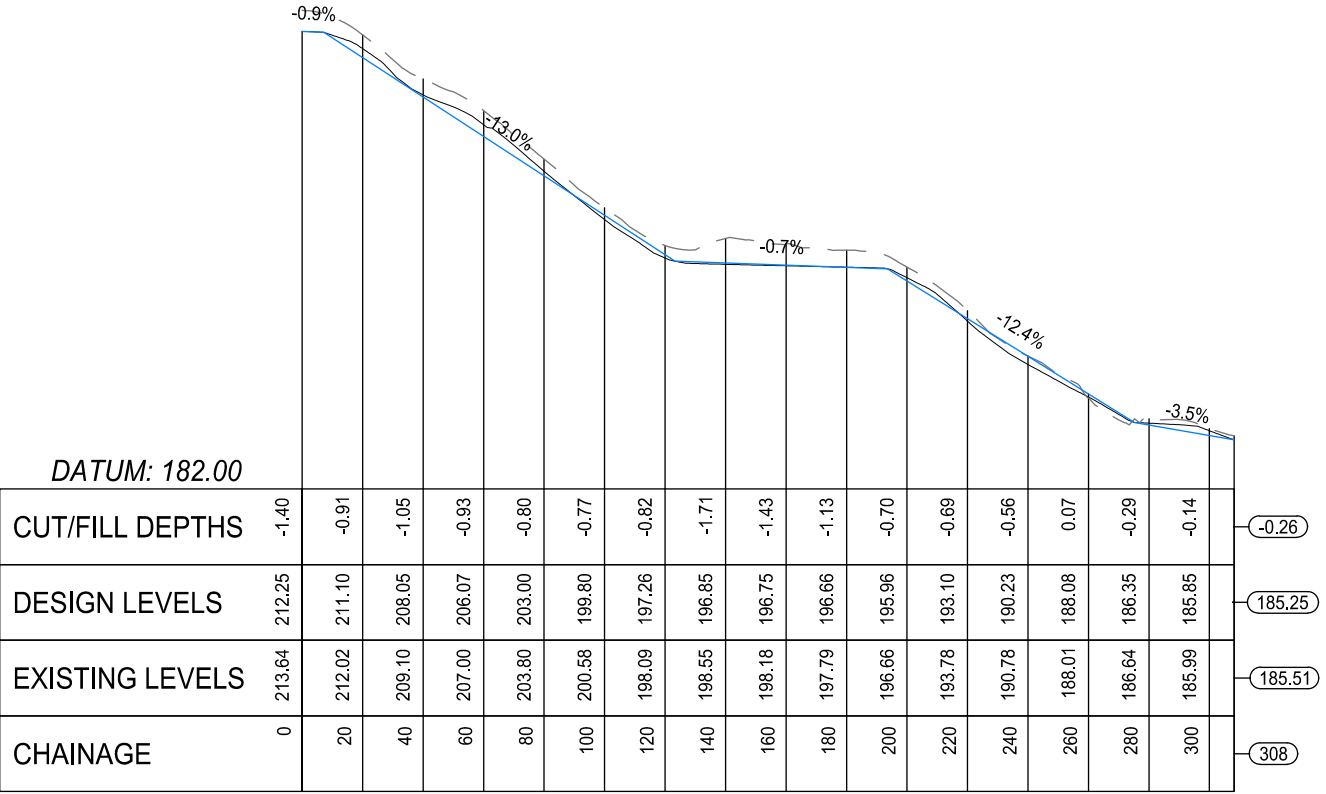
SCALE 1:1500 (A3)
DRAWING No 33250/161 REVISION A

PROFILE VIEW LEGEND

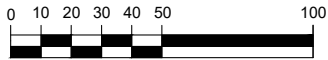
EXISTING GROUND
DESIGN GROUND



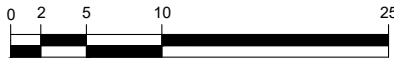
LONG SECTION DWDD 4
SCALE - 1:2500 H, 1:500 V



LONG SECTION DWDD 5
SCALE - 1:2500 H, 1:500 V



Scale 1:2500



Scale 1:500

NOT FOR CONSTRUCTION

SURVEYED			APPROVED SF 27.09.24	DATE
DESIGNED	TB	06.09.24		
DRAWN	FV	06.09.24		
CHECKED	TB	06.09.24		
REVISION	CHANGES		CHECKED	DATE

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - All works to be carried out in accordance with the Auckland Council Technical Publication GD05 Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region (GD05 June 2016).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED SOUTHERN DIRTY
WATER DIVERSION DRAIN LONG
SECTIONS



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Thomas

ENGINEERS • RESOURCE MANAGERS • SURVEYORS

AUCKLAND 09 278 7078
HAWKE'S BAY 06 211 2766
CHRISTCHURCH 03 358 5936
BLENHEIM 03 428 3292
NELSON 03 222 1132
TAURANGA 020 4118 9465

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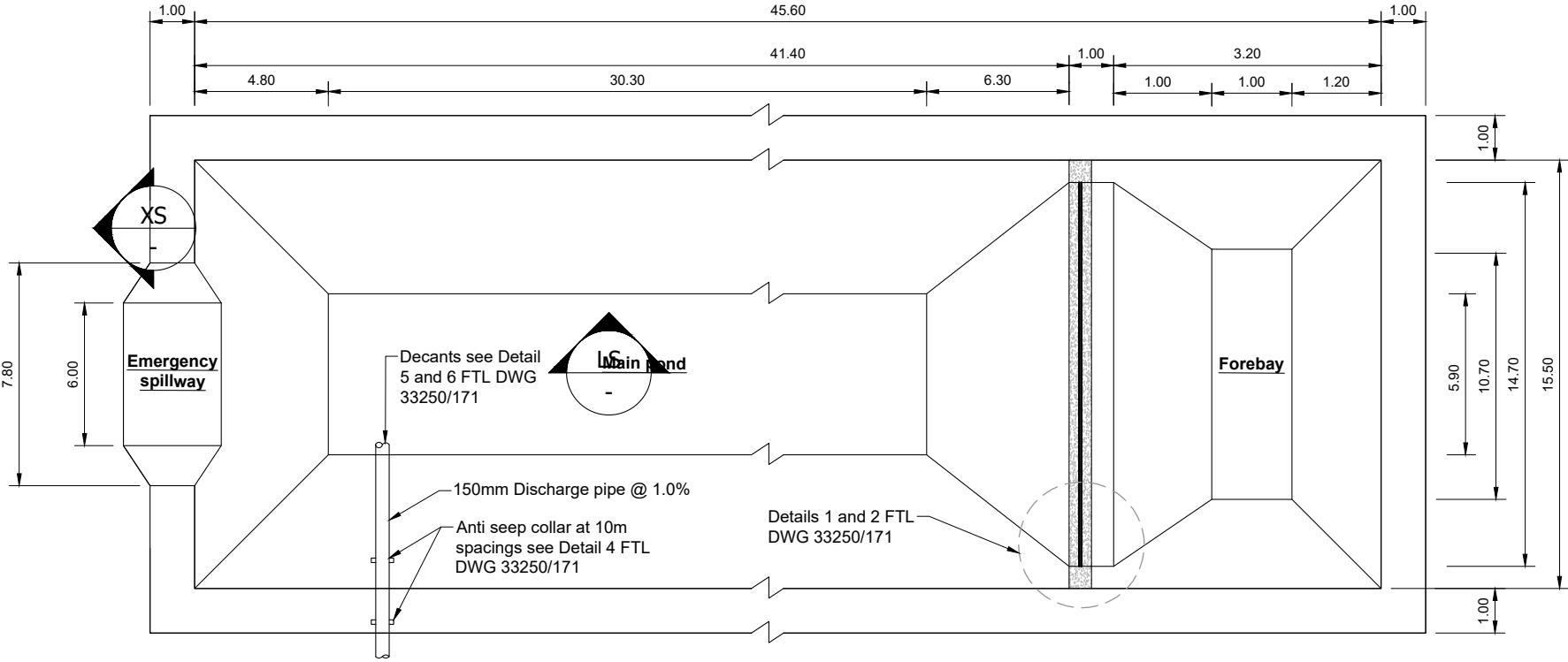
STATUS
FOR RESOURCE CONSENT

Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE AS SHOWN (A3)

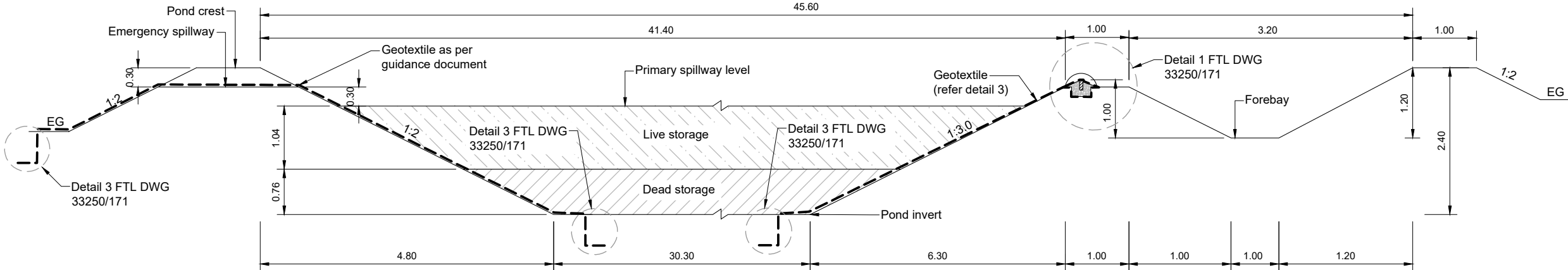
DRAWING No 33250/162 REVISION -

SEDIMENT RETENTION POND DETAILS	
Item	Northern Area - Ponds N1 & N2
Catchment Area (ha)	2
Design Volume (3% criteria) (m³)	600
Dead Storage (m³)	180
Live Storage (m³)	420
Freeboard (m)	0.3000
Side Slopes	1V:2H
Decants	2 x standard decants; 133 holes in each decant
Discharge Pipe	150
Primary Spillway	150mm riser pipe
Secondary Spillway	7.8m base width, 0.3m depth, 1V:3H side slopes



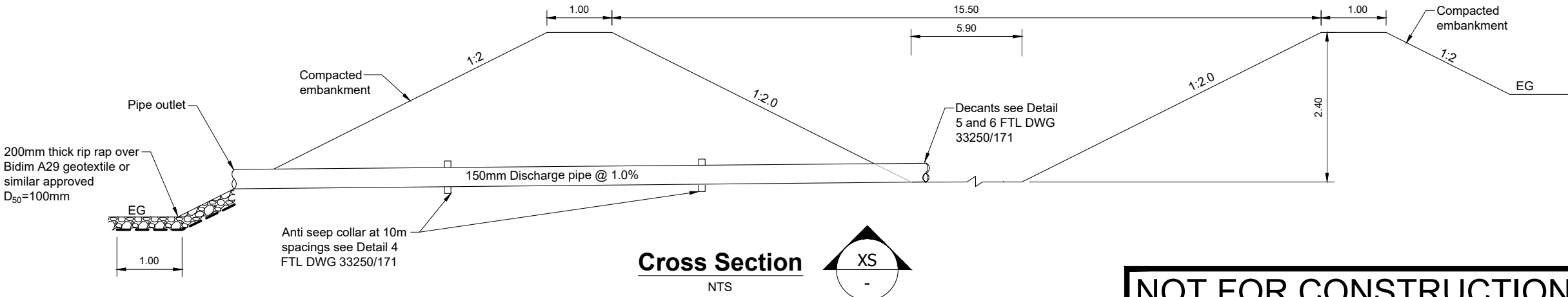
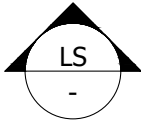
Sediment Retention Pond Plan

NTS



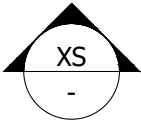
Long Section

NTS



Cross Section

NTS



NOT FOR CONSTRUCTION

[illegible]

NOTES

1. Location and alignment of discharge pipe may vary depending on pond orientation and site contours

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJE

362 JONES RD, HUNUA

TITLE

INDICATIVE SEDIMENT RETENTION POND SIZING - 2HA POND



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CHRISTCHURCH	03 358 5936
BLENHEIM	03 428 3292
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TAURANGA	07 220 9277

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SCALE AS SHOWN

(A3)

DRAWING No.

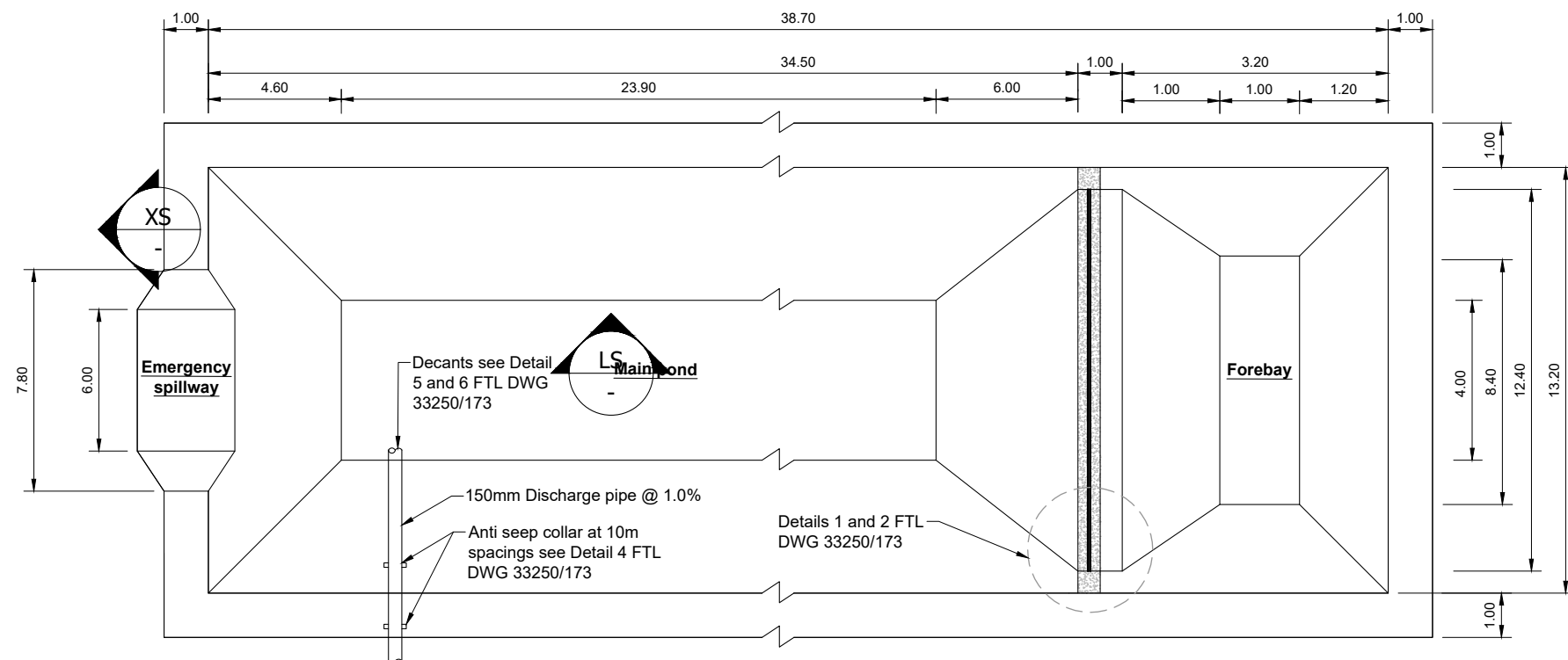
33250-170

REVISI

A

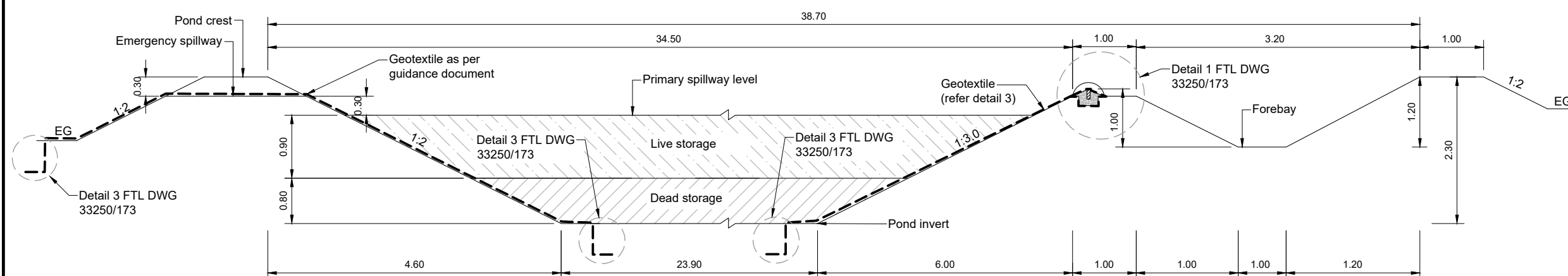
STATUS	FOR RESOURCE CONSENT Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.
SCALE	AS SHOWN (A3)
DRAWING No	33250-171 REVISION

SEDIMENT RETENTION POND DETAILS	
Item	Southern Area
Catchment Area (ha)	12
Design Volume (3% criteria) (m³)	360
Dead Storage (m³)	108
Live Storage (m³)	252
Freeboard (m)	0.3000
Side Slopes	1V:2H
Decants	1 x standard decants with 160 holes
Discharge Pipe	150
Primary Spillway	150mm riser pipe
Secondary Spillway	7.8m base width, 0.3m depth, 1V:3H side slopes



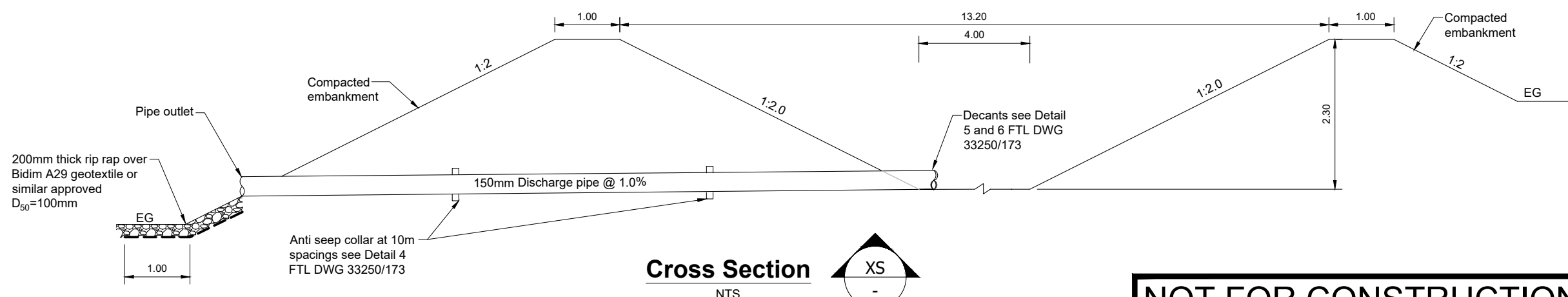
Sediment Retention Pond Plan

NTS



Long Section

NTS



Cross Section

NTS

NOT FOR CONSTRUCTION

[illegible]

NOTES

1. Location and alignment of discharge pipe may vary depending on pond orientation and site contours

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD. HUNUA

TITLE

INDICATIVE SEDIMENT RETENTION POND SIZING - 1.2HA POND



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AUCKLAND	09 278 7078
HAWKE'S BAY	06 211 2766
CHRISTCHURCH	03 358 5936
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NELSON	03 222 1132
TAURANGA	07 220 9277

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STATUS

STATUS

FOR RESOURCE CONSENT

Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE AS SHOWN

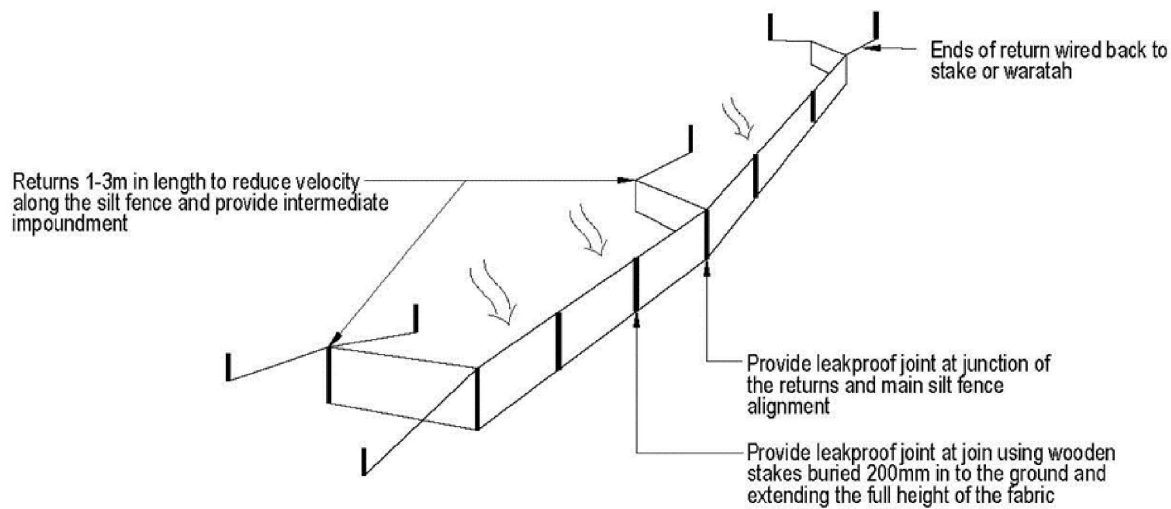
(A3)

DRAFTING No.

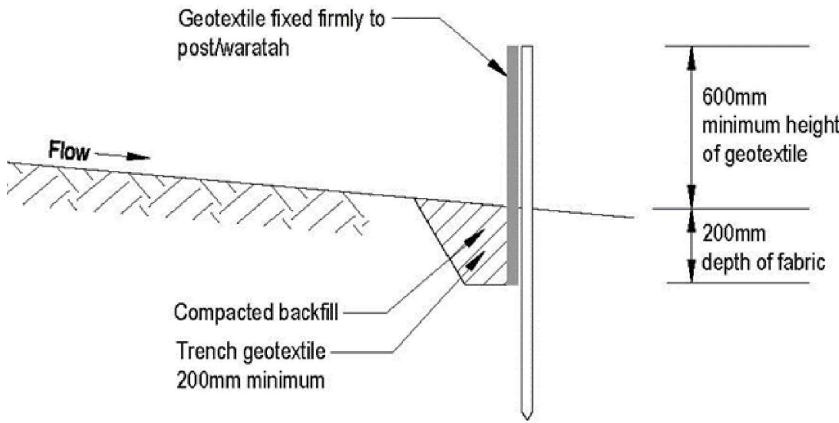
33250-172

REVISION

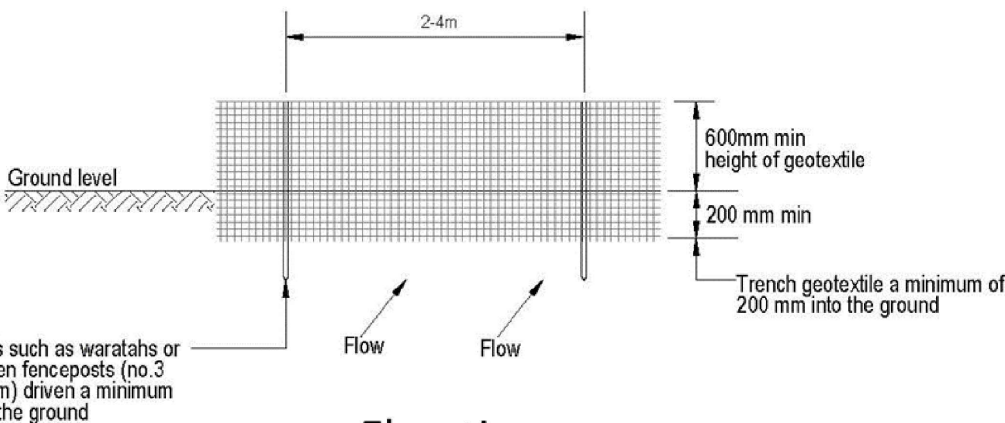
A



Silt Fence Schematic
NTS

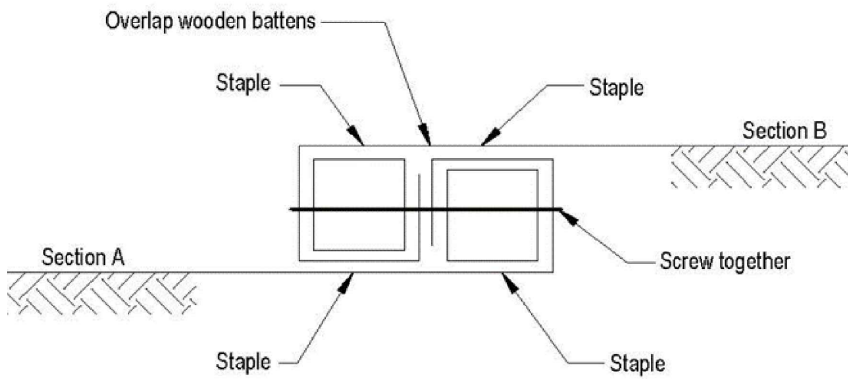


Silt Fence Cross Section
NTS

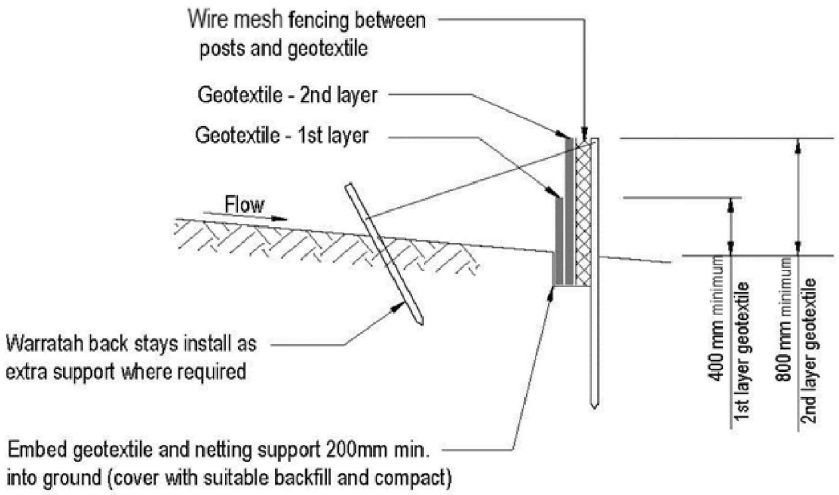


Silt Fence Elevation
NTS

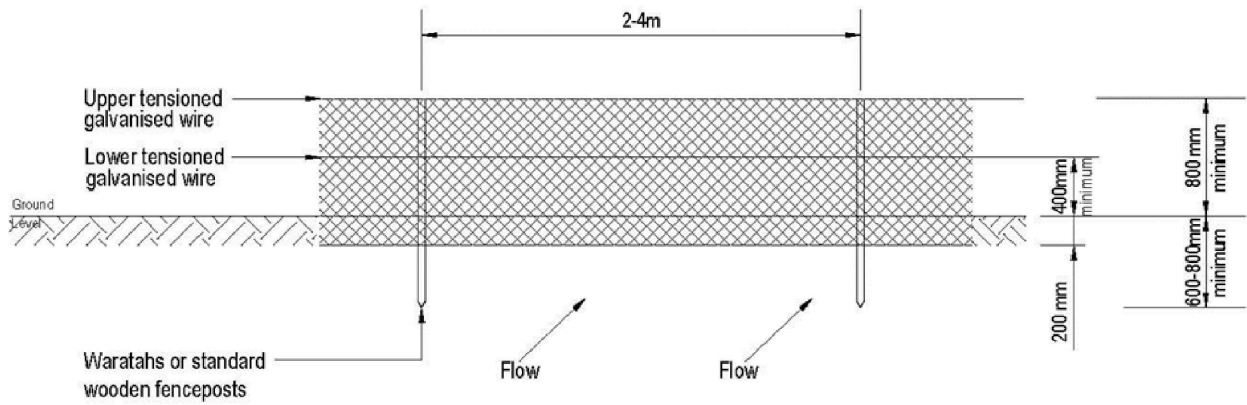
SILT FENCE DESIGN CRITERIA			
Slope %	Slope Length (m)	Spacing of Returns (m)	Length (m)
<2%	Unlimited	N/A	Unlimited
2-10%	40	60	300
10-20%	30	50	230
20-33%	20	40	150
33-50%	15	30	75
>50%	6	20	40



Silt Fence Standard Fabric Join
NTS



Super Silt Fence Cross Section
NTS



Super Silt Fence Elevation
NTS

SUPER SILT FENCE DESIGN CRITERIA			
Slope %	Slope Length (m)	Spacing of Returns (m)	Length (m)
0-10	Unlimited	60	Unlimited
10-20	60	50	450
20-33	30	40	300
33-50	30	30	150
>50	15	20	75

NOT FOR CONSTRUCTION

SURVEYED			APPROVED SF 27.09.24	DATE
DESIGNED	TB	06.09.24		
DRAWN	FV	06.09.24		
CHECKED	TB	06.09.24		
REVISION	CHANGES			CHECKED DATE

NOTES

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
EROSION AND SEDIMENT
CONTROL DETAILS SHEET 1

Fraser Thomas
ENGINEERS • RESOURCE MANAGERS • SURVEYORS
AUCKLAND 09 278 7078
HAWKE'S BAY 06 211 2766
CHRISTCHURCH 03 358 5936
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NELSON 03 222 1132
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STATUS
FOR RESOURCE CONSENT
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SCALE NTS (A3)
DRAWING No 33250/180 REVISION -

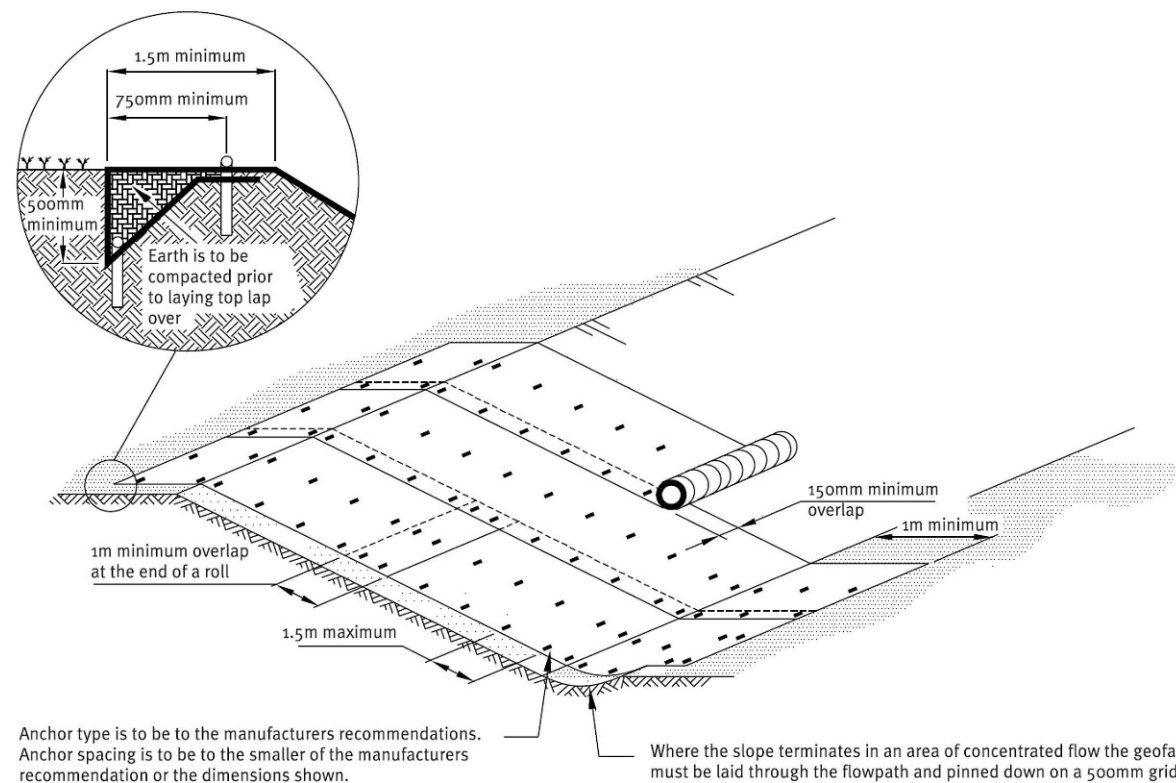


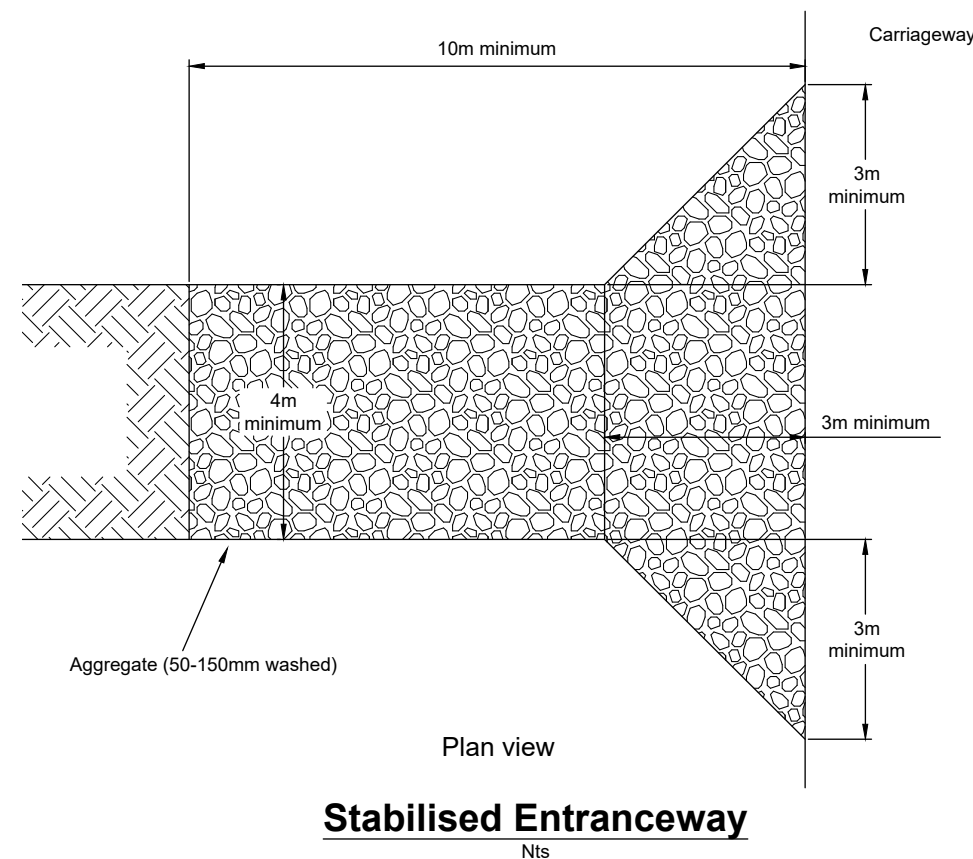
Diagram illustrating the design of a road cross-section, showing the relationship between the original ground profile and the proposed embankment structure.

Key components and labels:

- Original Grade:** The dashed line representing the existing ground profile.
- Design flow depth (20 year storm):** Indicated by the vertical dimension X , representing the water depth during a 20-year storm event.
- Freeboard allowed for 100 year event with climate change:** The additional vertical height above the design flow depth, indicated by the vertical dimension Y , to account for a 100-year storm event and climate change impacts.
- 0.5m:** A specific horizontal distance or width dimension.
- 3:1 or flatter:** The slope ratio for the embankment on the left side.
- 2:1 or flatter:** The slope ratio for the embankment on the right side.
- Compacted Embankment:** The solid line profile representing the proposed road structure.
- Y:** Horizontal distance markers from the centerline to the edges of the embankment.

0 ## ###

Scale 1: ##### m



Bidim A29

Drainage aggregate meeting TNZ F/2 specification or alternative approved by Engineer

0.90

0.30

Strip Drain Detail

1:20

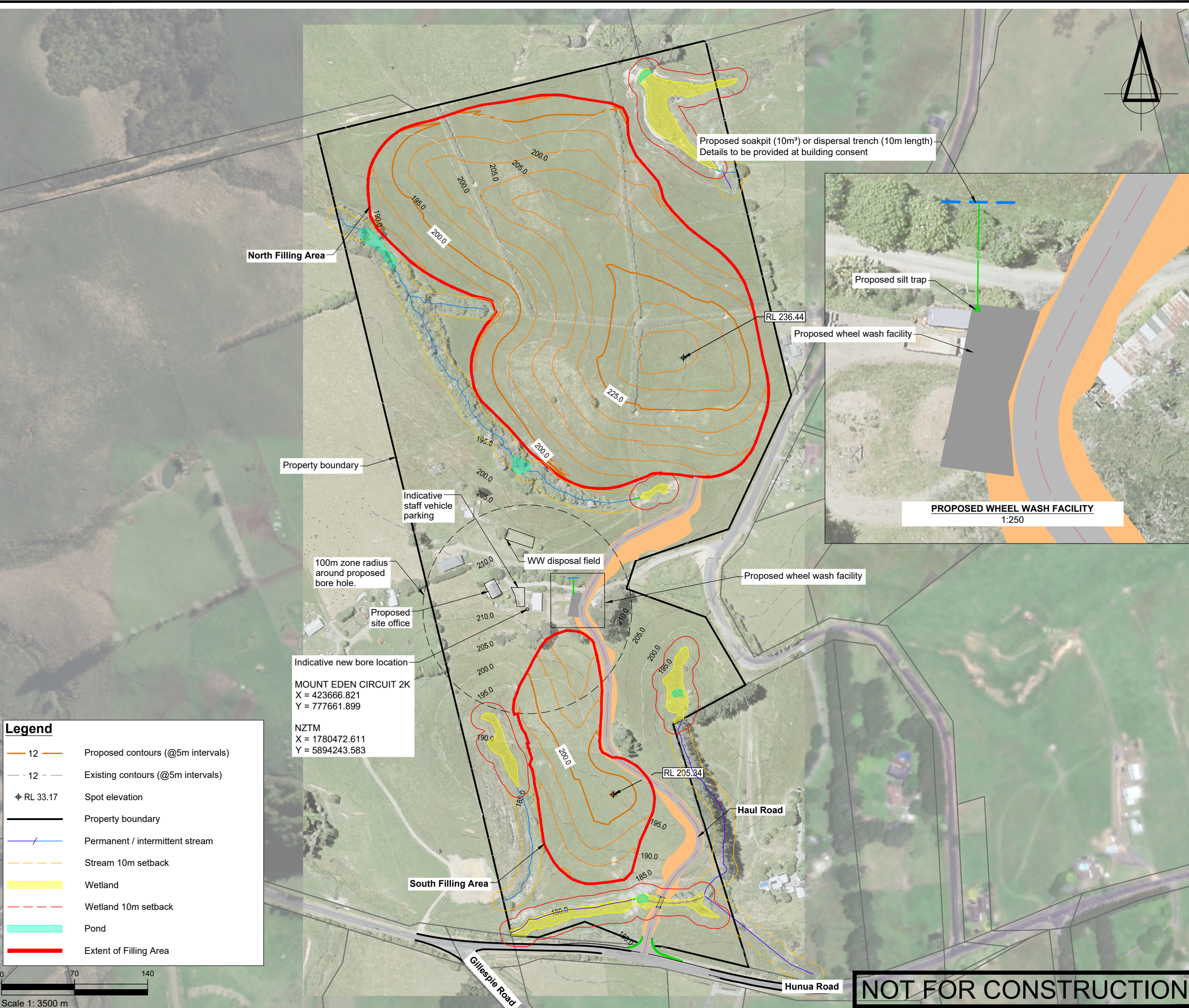
Dirty Water Drain Dimensions		
Dimension	X	Y
Type 1	0.300	0.90
Type 2	0.225	0.67

1. All works to be carried out in accordance with Auckland Council Technical Publication GD05 - Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region (GD05 June 2016).
2. Drains and geotextile drawings adapted from GD05

NOT FOR CONSTRUCTION

STATUS	FOR RESOURCE CONSENT Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.
SCALE	NTS (A3)
DRAWING No	33250/181 REVISION -

P:\33 series\33250\03 Drawings\33250-190.dwg, m.ush, 28/2/2025 3:55 pm



Legend

- 12 Proposed contours (@5m intervals)
- 12 Existing contours (@5m intervals)
- RL 33.17 Spot elevation
- Property boundary
- Permanent / intermittent stream
- Stream 10m setback
- Wetland
- Wetland 10m setback
- Pond
- Extent of Filling Area

SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	TB	06.09.24			
DRAWN	FV	15.01.25			
CHECKED	TB	16.01.25			
REVISION	CHANGES			CHECKED	DATE
A	WHEEL WASH FACILITY DETAIL			MR	28.02.25

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

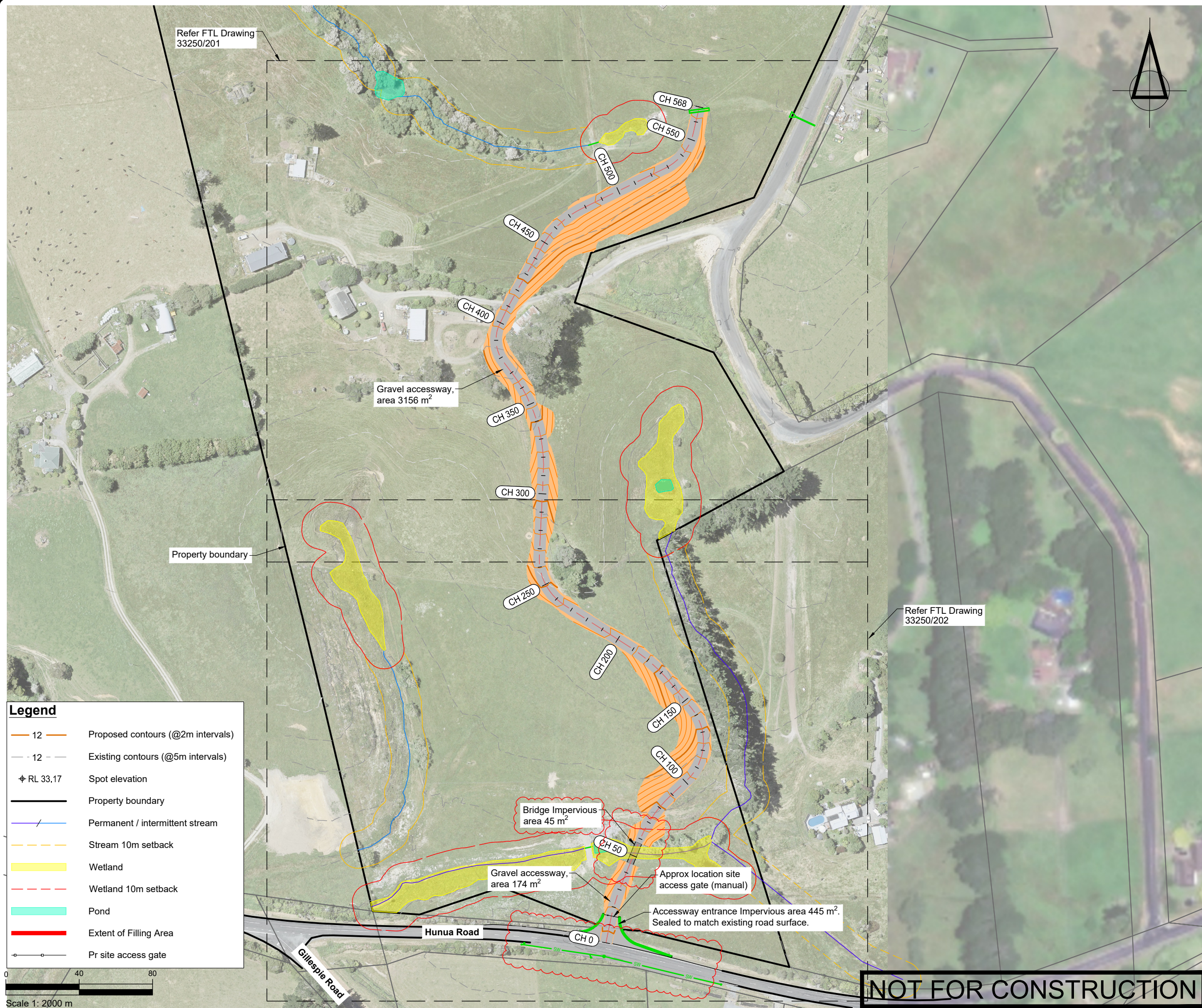
TITLE
PROPOSED BORE LOCATION
RELATIVE TO WASTEWATER
DISPOSAL FIELD

Fraser Thomas
ENGINEERS • RESOURCE MANAGERS • SURVEYORS
AUCKLAND 09 278 7078
HAWKE'S BAY 06 211 2766
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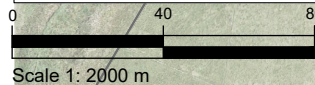
STATUS
FOR RESOURCE CONSENT
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE 1:1500 (A3)
DRAWING No 33250/190
REVISION A

P:\33 series\33250\03 Drawings\33250-200-202.dwg, gsingh, 12/2/2025 11:03 am



Legend	
	Proposed contours (@2m intervals)
	Existing contours (@5m intervals)
	Spot elevation
	Property boundary
	Permanent / intermittent stream
	Stream 10m setback
	Wetland
	Wetland 10m setback
	Pond
	Extent of Filling Area
	Pr site access gate



SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	UPDATED LAYOUT AND NOTES			SF	10.02.25

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED HAUL ROAD
LAYOUT PLAN



Fraser Thomas
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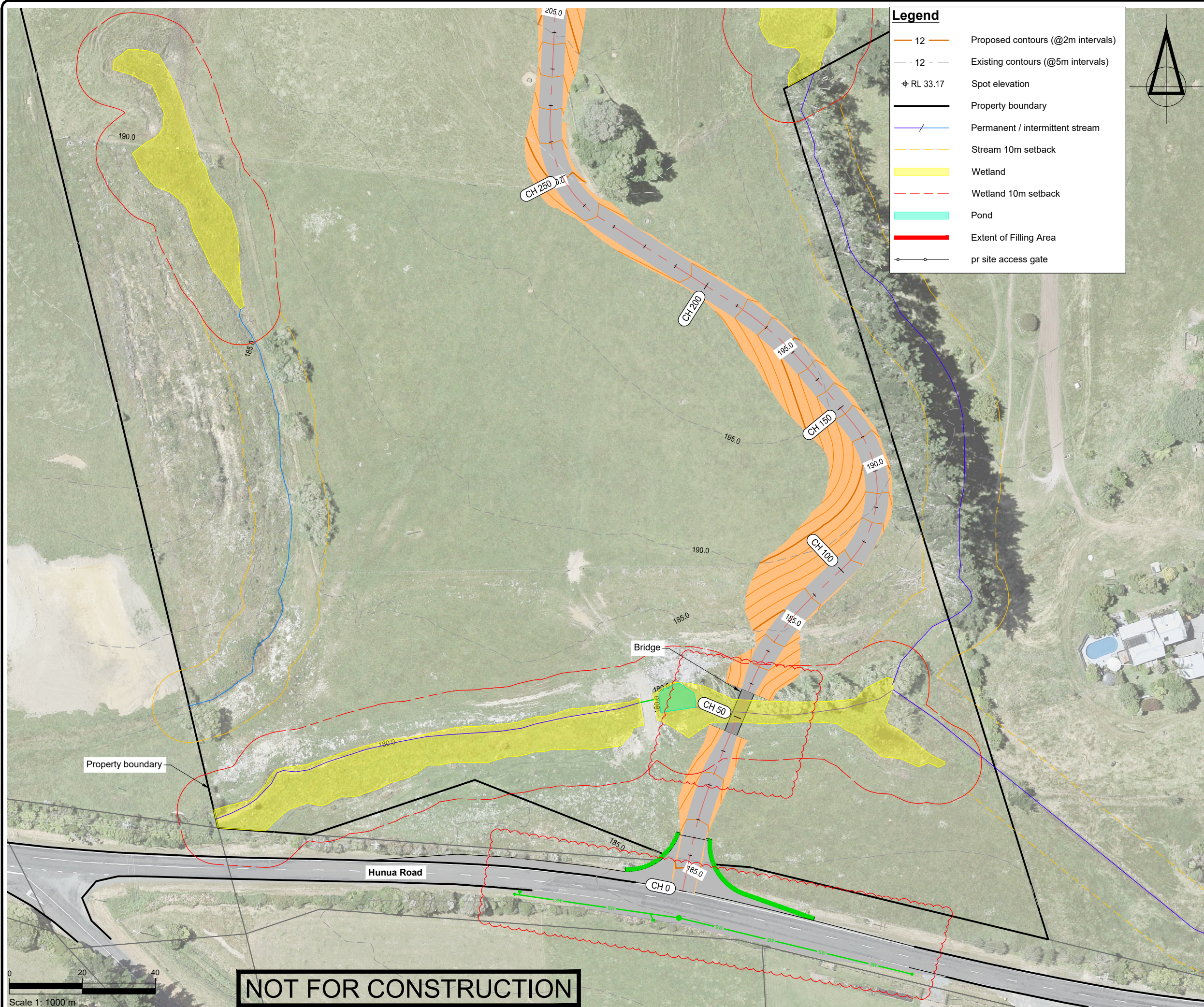
AUCKLAND	09 278 7078
HAWKE'S BAY	06 211 2766
CHRISTCHURCH	03 358 5936
BLenheim	03 428 3292
NELSON	03 222 1132
TAURANGA	020 4118 9465

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STATUS FOR RESOURCE CONSENT	
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.	
SCALE 1:2000	(A3)
DRAWING No 33250/200	REVISION A

P:\33 series\33250\03 Drawings\33250-200-202.dwg, gsingh, 12/2/2025 11:04 am



Legend

- 12 Proposed contours (@2m intervals)
- 12 - - Existing contours (@5m intervals)
- ⊕ RL 33.17 Spot elevation
- Property boundary
- Permanent / intermittent stream
- Stream 10m setback
- Wetland
- Wetland 10m setback
- Pond
- Extent of Filling Area
- pr site access gate



SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	TB	06.09.24		27.09.24	
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	UPDATED LAYOUT AND NOTES			SF	10.02.25

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
**PROPOSED HAUL ROAD
ACCESSWAY LAYOUT (SHEET 1
OF 2)**



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SCALE	1:1000	(A3)
DRAWING No	33250/201	REVISION
		A

Legend

12

Proposed contours (@2m intervals)

12

Existing contours (@5m intervals)

RL 33.17

Spot elevation

Property boundary

Permanent / intermittent stream

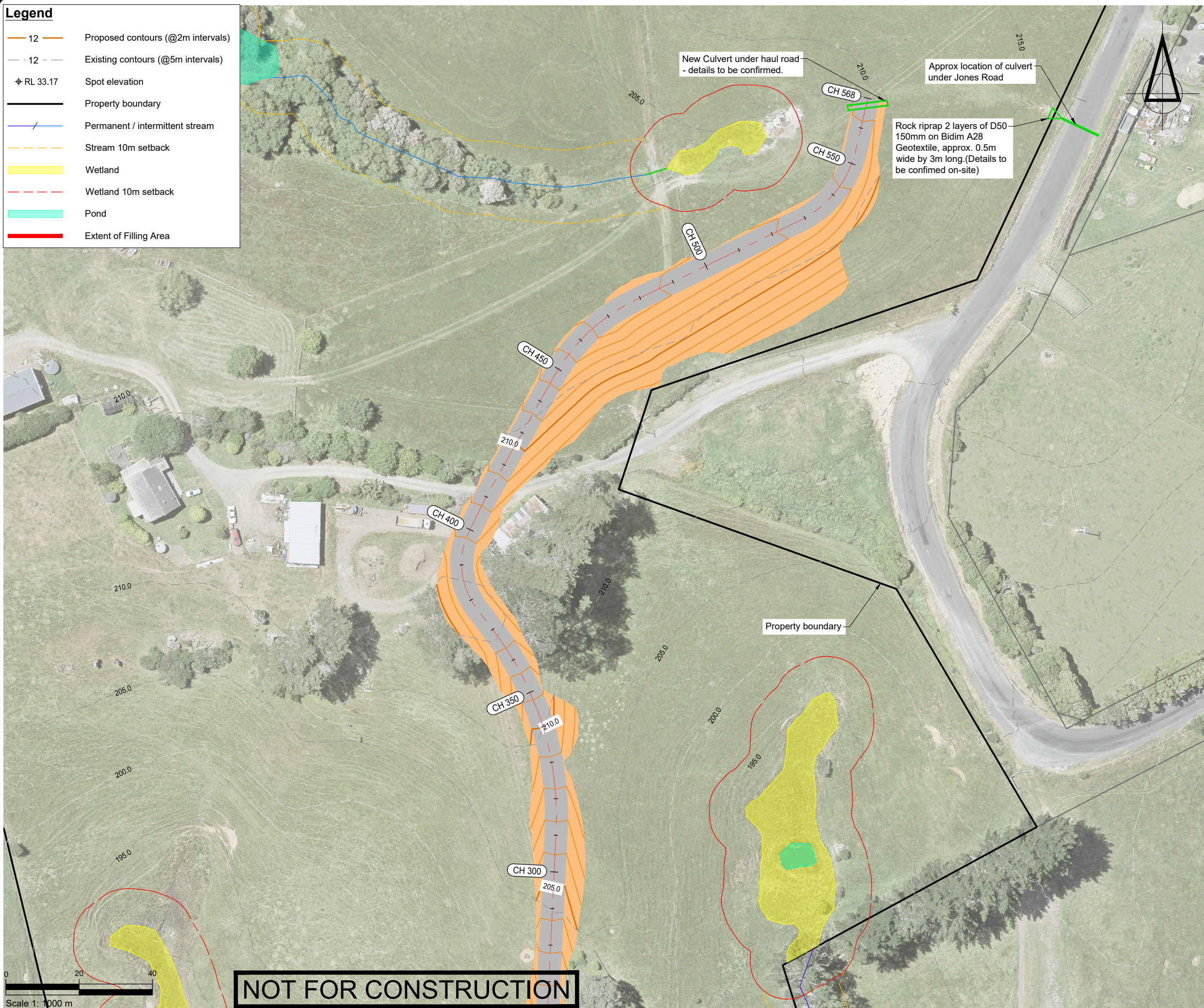
Stream 10m setback

Wetland

Wetland 10m setback

Pond

Extent of Filling Area



SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE

- NOTES
1.

Existing Ground Contour data obtained from LiDAR 2016.
2.

Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946

COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED HAUL ROAD
ACCESSWAY LAYOUT (SHEET 2
OF 2)

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Thomas

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HAWKE'S BAY 06 211 2766

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STATUS

FOR RESOURCE CONSENT

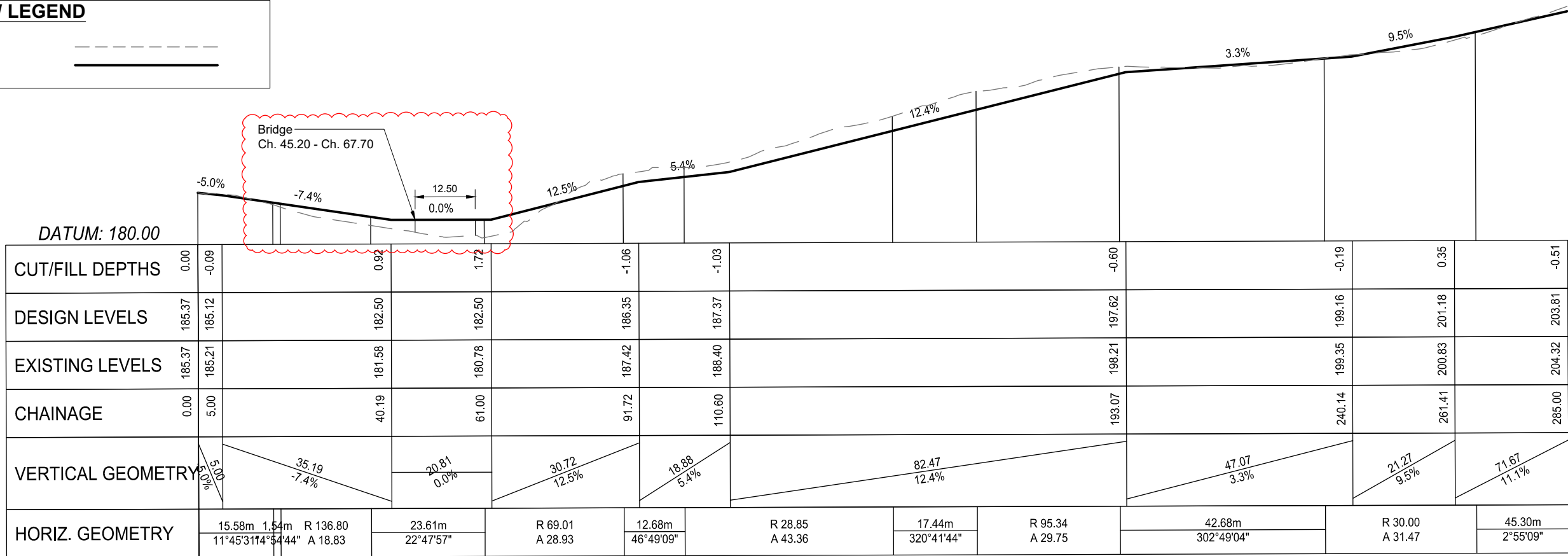
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE 1:1000 (A3)

DRAWING No 33250/202 REVISION -

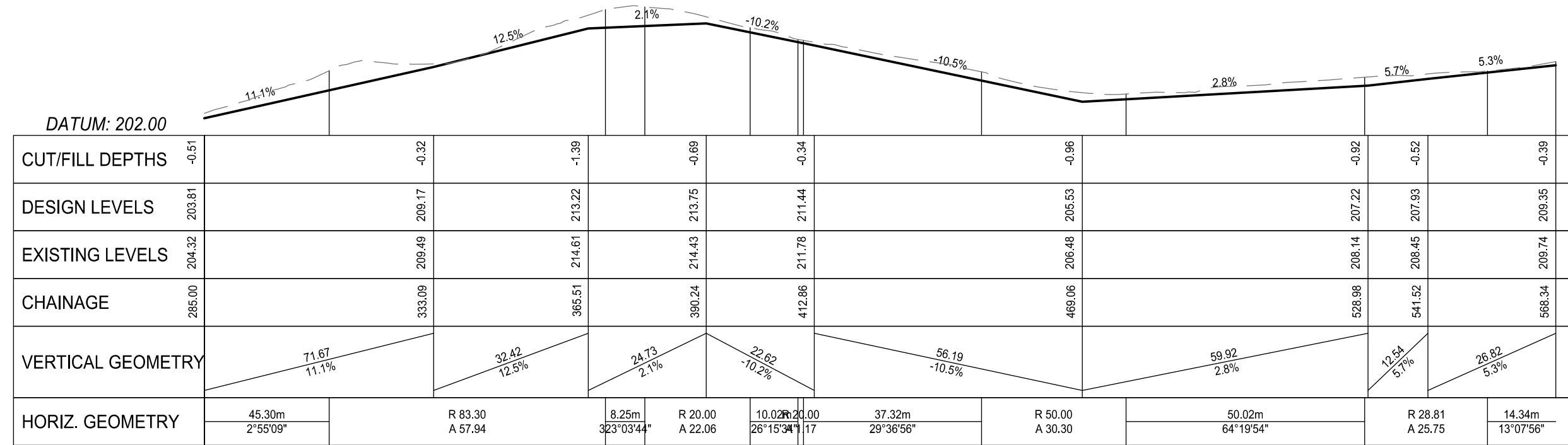
PROFILE VIEW LEGEND

EXISTING GROUND
HAUL ROAD ACCESSWAY



HAUL ROAD ACCESSWAY LONG SECTION CH. 0 - 285m

SCALE H - 1:1000, V - 1:500



HAUL ROAD ACCESSWAY LONG SECTION CH. 285 - 571.25m

SCALE H - 1:1000, V - 1:500

NOT FOR CONSTRUCTION

1. Existing Ground Contour data obtained from LiDAR 2016.

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000



AUCKLAND09 278 7078
HAWKE'S BAY06 211 2766
CHRISTCHURCH03 358 5936
BLLENHEIM03 428 3292
NELSON03 222 1132
TAURANGA020 4118 9465
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CLIENT

SCARBRO
ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED HAUL ROAD
ACCESSWAY LONGSECTIONS

SURVEYED

DESIGNED

DRAWN

CHECKED

APPROVED

TB

FV

TB

SF

27.09.24

REVISION

A

UPDATED BRIDGE DETAILS

SF

10.02.25

DESCRIPTION

UPDATED BRIDGE DETAILS

UPDATED BRIDGE DETAILS

UPDATED BRIDGE DETAILS

UPDATED BRIDGE DETAILS

CHECKED

SF

SF

SF

SF

DATE

10.02.25

10.02.25

10.02.25

10.02.25

STATUS

FOR RESOURCE CONSENT

Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings

SCALE

AS SHOWN

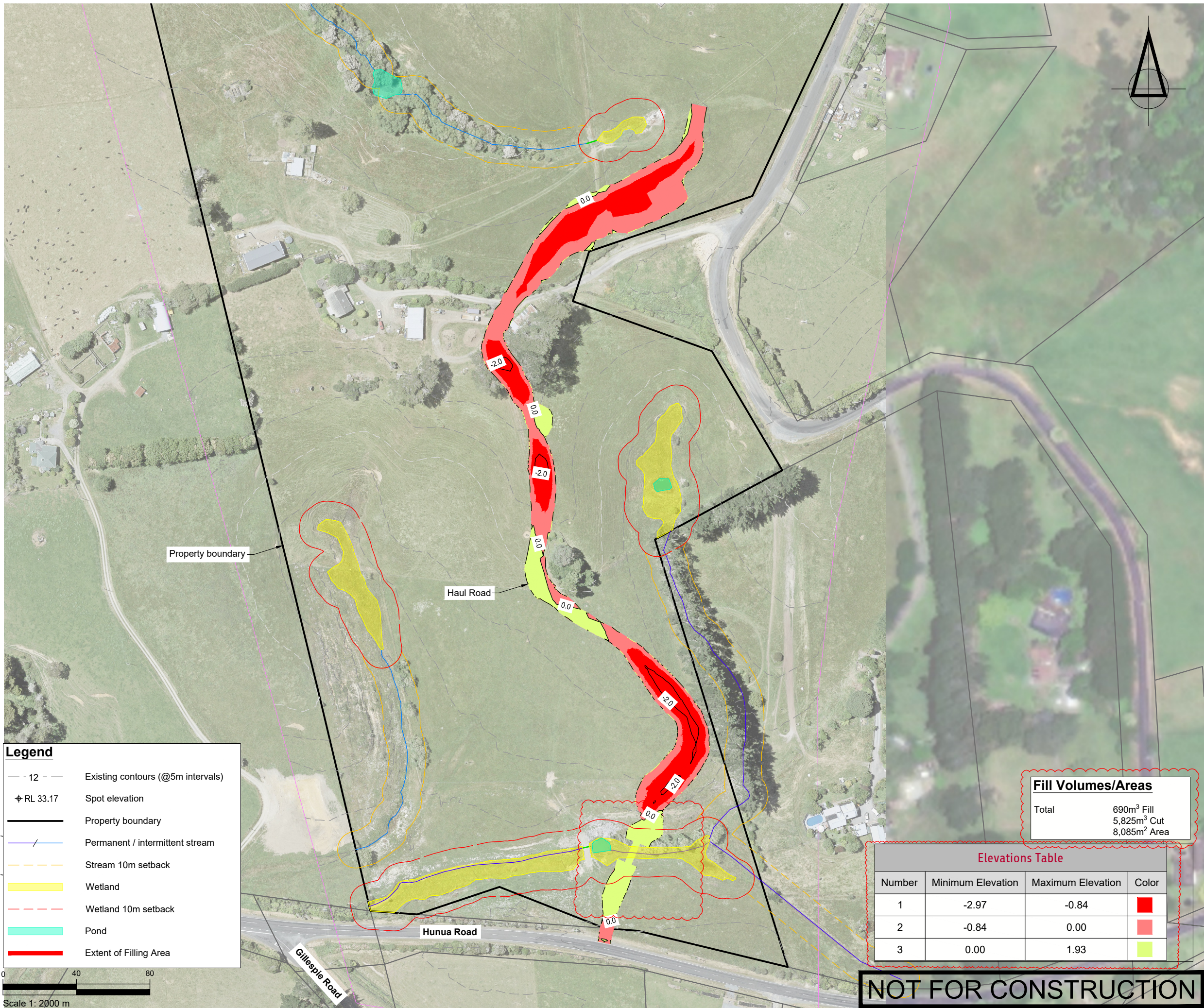
(A3)

REVISION

A

33250/220

P:\33 series\33250\03 Drawings\33250-250.dwg, gsrigh, 12/2/2025 11:04 am



Legend

- 12 - -

RL 33.17

Property boundary

Permanent / intermittent stream

Stream 10m setback

Wetland

Wetland 10m setback

Pond

Extent of Filling Area

Existing contours (@5m intervals)

Spot elevation

Property boundary

Permanent / intermittent stream

Stream 10m setback

Wetland

Wetland 10m setback

Pond

Extent of Filling Area

Fill Volumes/Areas	
Total	690m ³ Fill 5,825m ³ Cut 8,085m ² Area

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-2.97	-0.84	
2	-0.84	0.00	
3	0.00	1.93	

NOT FOR CONSTRUCTION

SURVEYED			APPROVED SF 27.09.24	DATE	
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	UPDATED VOLUMES			SF	11.02.25

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED HAUL ROAD
ACCESSWAY CUT AND FILL
PLAN

Fraser Thomas

ENGINEERS • RESOURCE MANAGERS • SURVEYORS

AUCKLAND

HAWKE'S BAY

CHRISTCHURCH

BLENHEIM

NELSON

TAURANGA

09 278 7078

06 211 2766

03 358 5936

03 428 3292

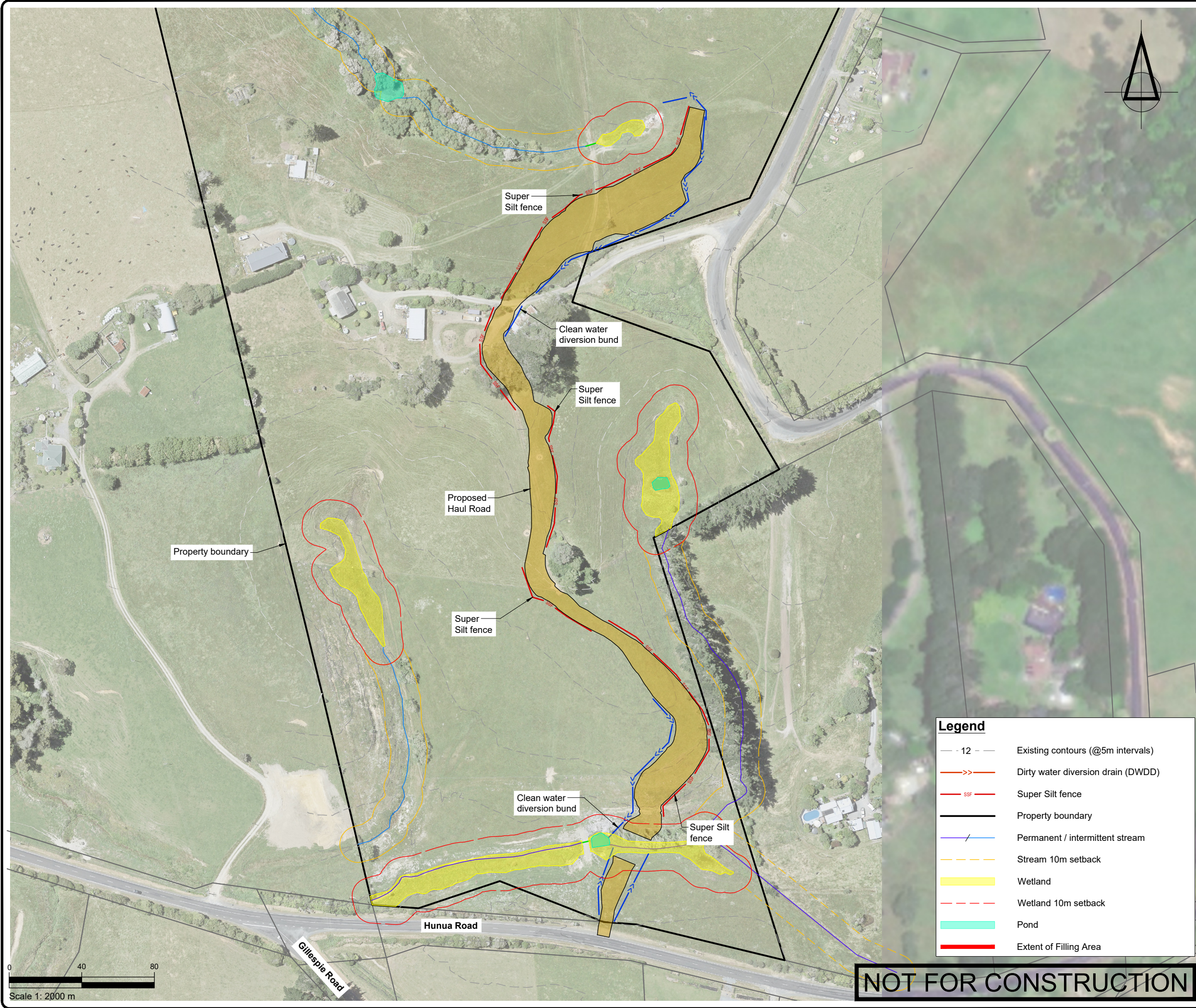
03 222 1132

020 4118 9465

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STATUS FOR RESOURCE CONSENT	
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SCALE 1:2000	(A3)
DRAWING No 33250/250	REVISION A



SURVEYED			APPROVED SF 27.09.24	DATE	
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	SILT FENCE REPLACED WITH SUPER SILT FENCE			15.01.25	

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Erosion and sediment controls to comply with Auckland Council Guidance Document 05 (GD05) - Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region
 - Silt fence to be installed at the downstream side of all excavations, and clean water drains installed on the upstream side where surface water would otherwise enter the earthworks area.
 - Haul road to be installed in sections so that it is not creating a large open area for a long period. Once a section is cut to level, stabilise immediately with hardfill.
 - Remove topsoil to a suitable location and install a perimeter silt fence around the stockpile.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
**PROPOSED HAUL ROAD
ACCESSWAY EROSION AND
SEDIMENT CONTROL PLAN**

**Fraser
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BLenheim 03 428 3292
NELSON 03 222 1132
TAURANGA 020 4118 9465

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SCALE 1:2000 (A3)

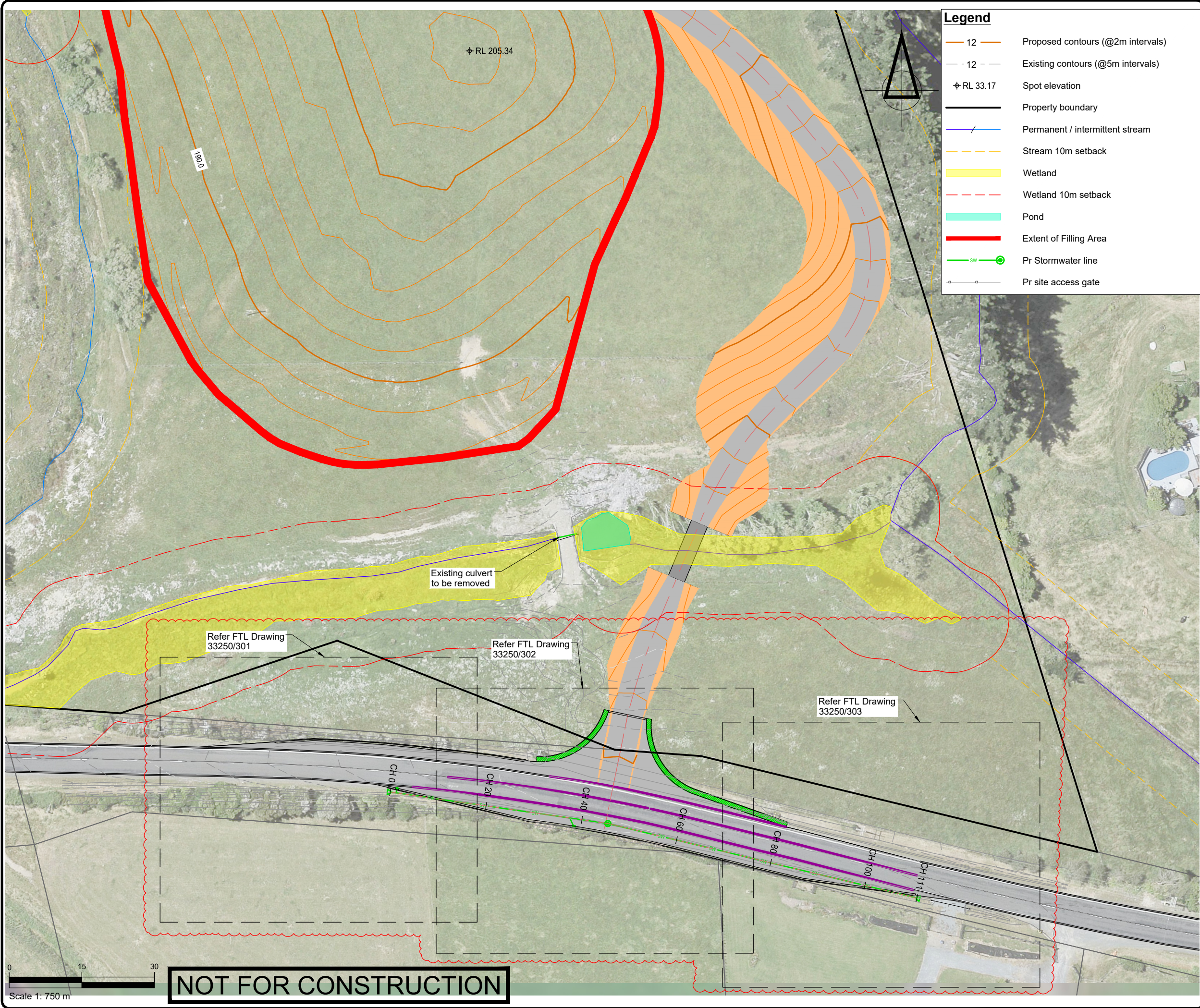
DRAWING No 33250/251 REVISION A

Legend	
	Existing contours (@5m intervals)
	Dirty water diversion drain (DWDD)
	Super Silt fence
	Property boundary
	Permanent / intermittent stream
	Stream 10m setback
	Wetland
	Wetland 10m setback
	Pond
	Extent of Filling Area

NOT FOR CONSTRUCTION

P:\33 series\33250\03 Drawings\33250-251.dwg, f.vohra, 12/2/2025 11:04 am

Scale 1: 2000 m



SURVEYED			APPROVED SF 27.09.24	DATE	
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	CHANGES TO SW DESIGN			SF	11.02.25

- NOTES
- Existing Ground Contour data obtained from LIDAR 2016.
 - Site gate to be relocated to allow truck and trailer to park without obstructing road. Fencing to be relocated to suit gate position.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946

COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED STORMWATER PLAN
- OVERALL PLAN

Fraser Thomas

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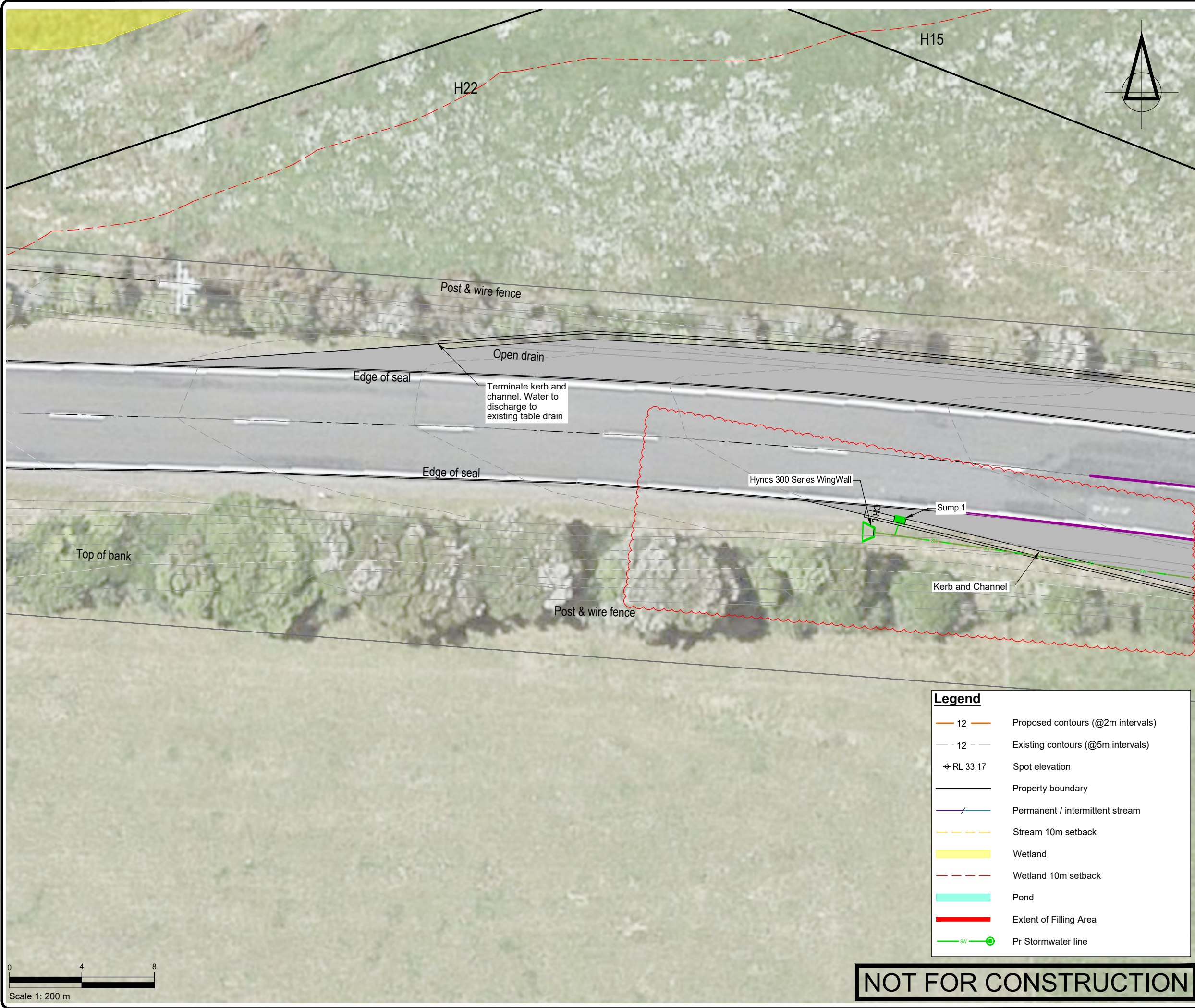
STATUS

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SCALE 1:750 (A3)

DRAWING No 33250/300 REVISION A



SURVEYED			APPROVED SF 27.09.24	DATE	
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	CHANGES TO SW DESIGN			SF	11.02.25

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Site gate to be relocated to allow truck and trailer to park without obstructing road. Fencing to be relocated to suit gate position.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
**PROPOSED STORMWATER PLAN
- HAUL ROAD ENTRANCE
(SHEET 1 OF 3)**



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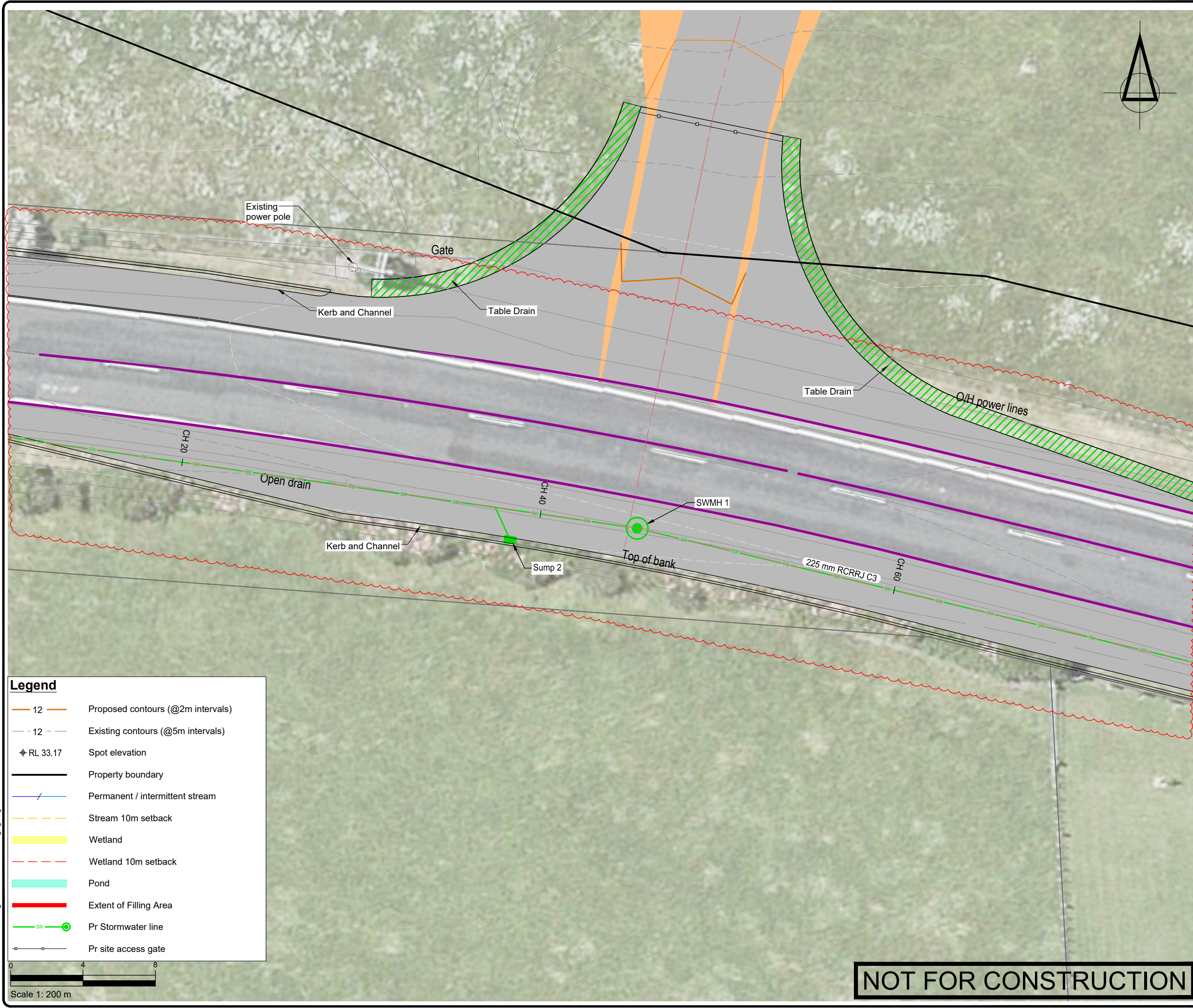
STATUS
FOR RESOURCE CONSENT
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE	1:200	(A3)
DRAWING No	33250/301	REVISION
		A

Legend	
	12 Proposed contours (@2m intervals)
	12 Existing contours (@5m intervals)
	RL 33.17 Spot elevation
	Property boundary
	Permanent / intermittent stream
	Stream 10m setback
	Wetland
	Wetland 10m setback
	Pond
	Extent of Filling Area
	Pr Stormwater line

NOT FOR CONSTRUCTION

P:\33 series\33250\03 Drawings\33250-300-304.dwg, gsingh, 12/2/2025 11:05 am



Legend

12

Proposed contours (@2m intervals)

12

Existing contours (@5m intervals)

RL 33.17

Spot elevation

Property boundary

Permanent / intermittent stream

Stream 10m setback

Wetland

Wetland 10m setback

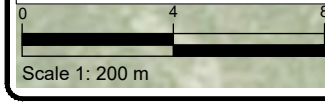
Pond

Extent of Filling Area

SW

Pr Stormwater line

Pr site access gate



NOT FOR CONSTRUCTION

SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	CHANGES TO SW DESIGN			SF	11.02.25

- NOTES
1.

Existing Ground Contour data obtained from LiDAR 2016.
2.

Site gate to be relocated to allow truck and trailer to park without obstructing road. Fencing to be relocated to suit gate position.
3.

Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946

COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED STORMWATER PLAN
- HAUL ROAD ENTRANCE
(SHEET 2 OF 3)

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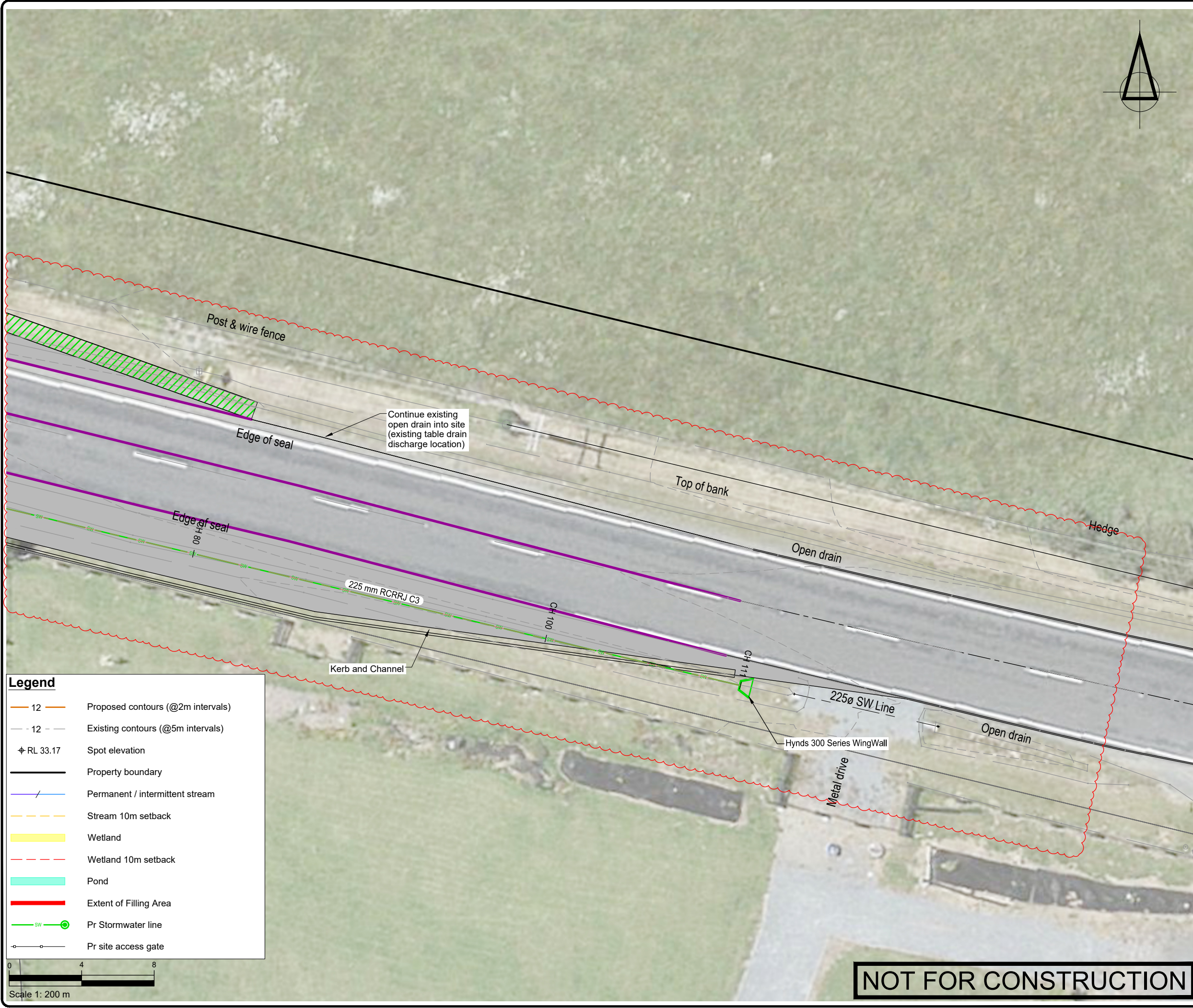
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE 1:200 (A3)

DRAWING No 33250/302

REVISION A

P:\33 series\33250\03 Drawings\33250-300-304.dwg, gsingh, 12/2/2025 11:05 am



SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE
A	CHANGES TO SW DESIGN			SF	11.02.25

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Site gate to be relocated to allow truck and trailer to park without obstructing road. Fencing to be relocated to suit gate position.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED STORMWATER PLAN
- HAUL ROAD ENTRANCE
(SHEET 3 OF 3)



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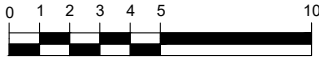
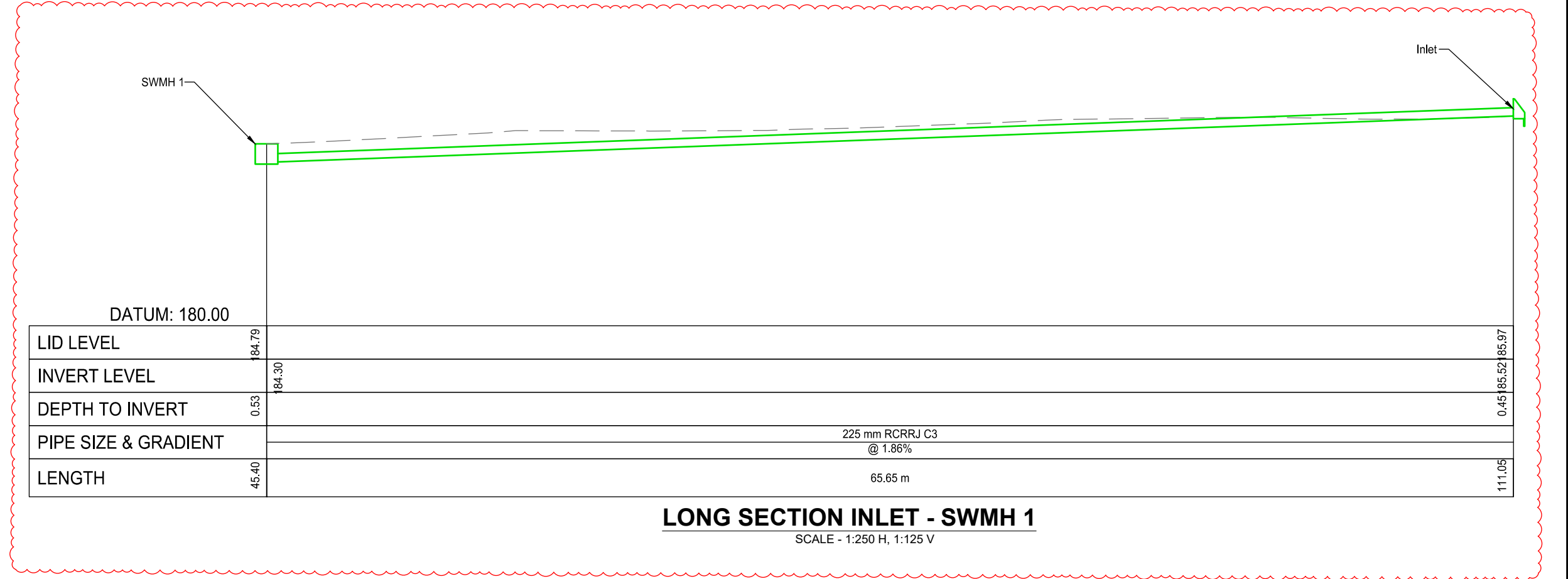
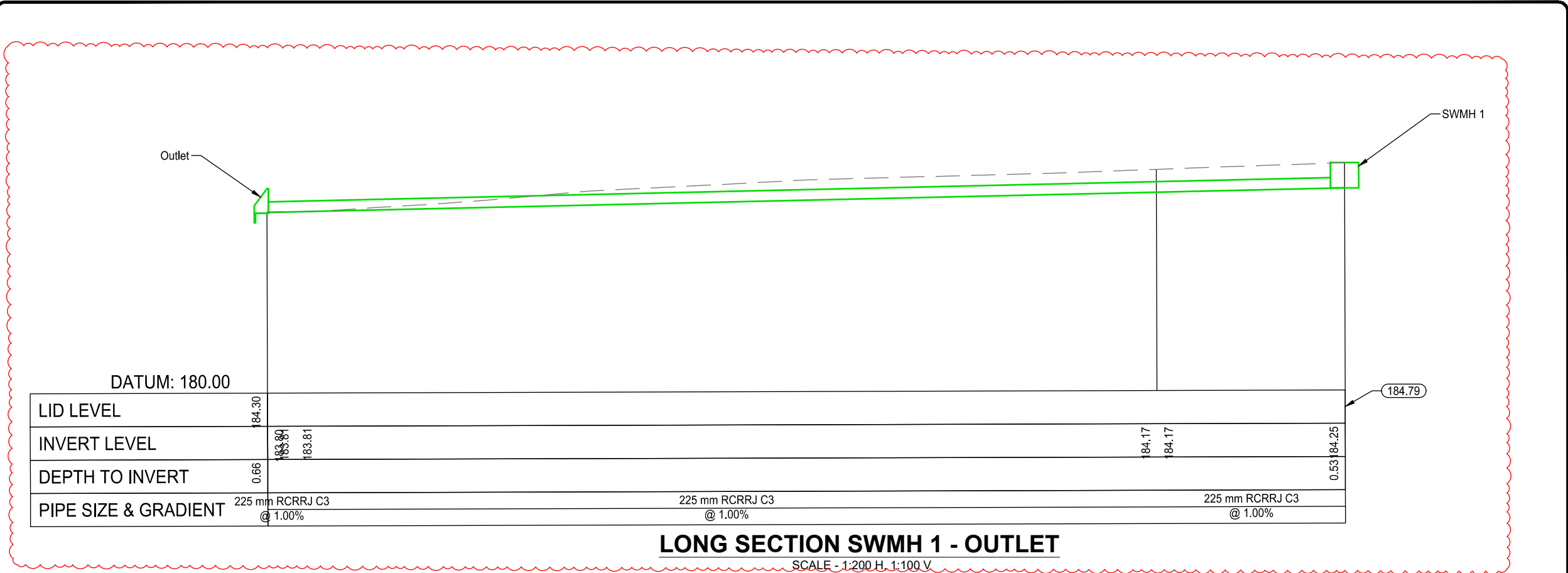
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SCALE 1:200 (A3)
DRAWING No 33250/303 REVISION A

P:\33 series\33250\03 Drawings\33250-300-304.dwg, gsingh, 12/2/2025 11:05 am



Scale 1:250



Scale 1: 200 m



Scale 1:100

NOT FOR CONSTRUCTION

SURVEYED			APPROVED	DATE
DESIGNED	TB	06.09.24	SF	27.09.24
DRAWN	FV	06.09.24		
CHECKED	TB	06.09.24		
REVISION	CHANGES		CHECKED	DATE
A	CHANGES TO SW DESIGN		SF	11.02.25

NOTES

1. Existing Ground Contour data obtained from LiDAR 2016.

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946

COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED STORMWATER PLAN
- LONG SECTIONS

 **Fraser Thomas**

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STATUS

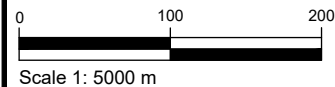
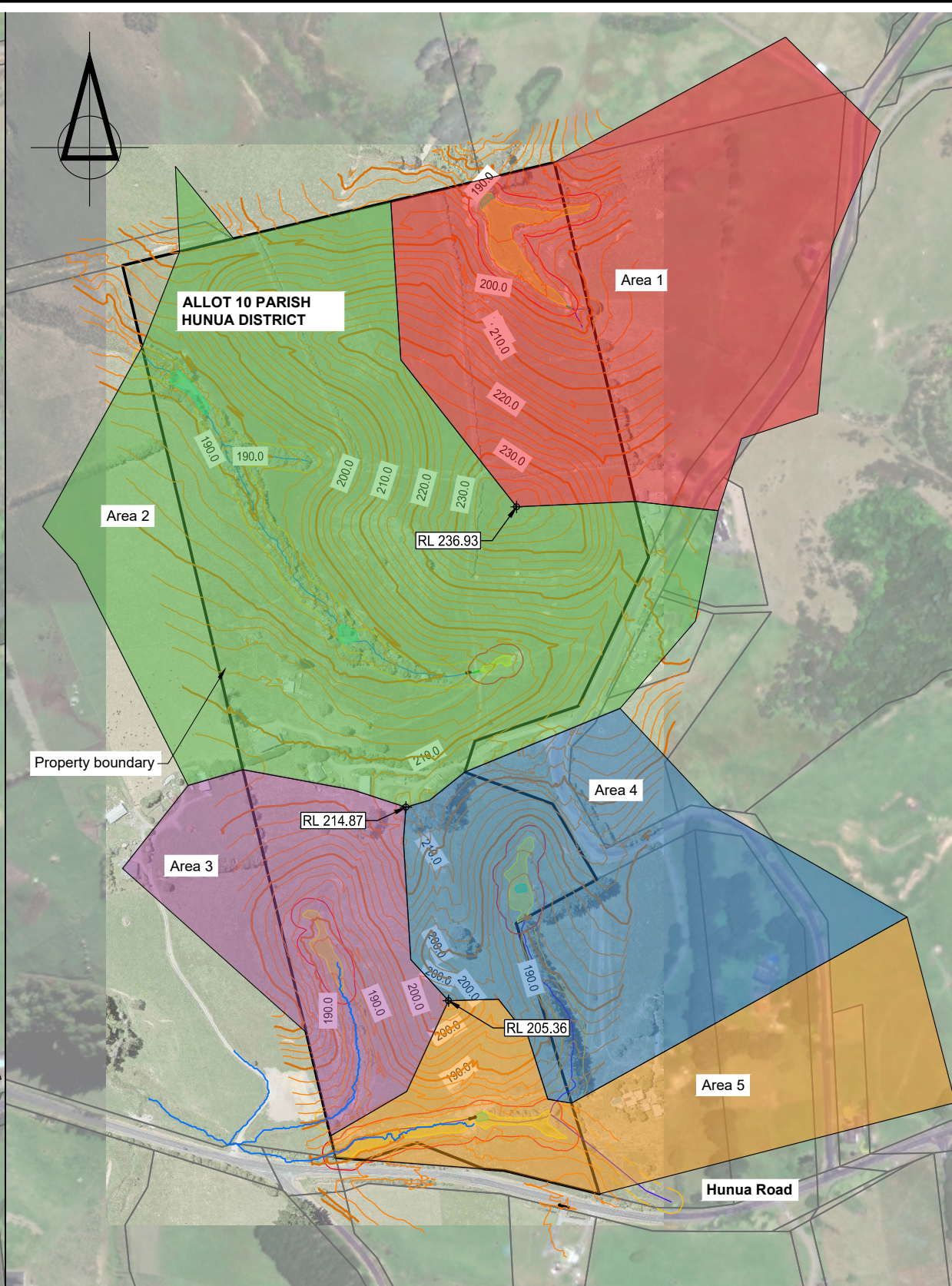
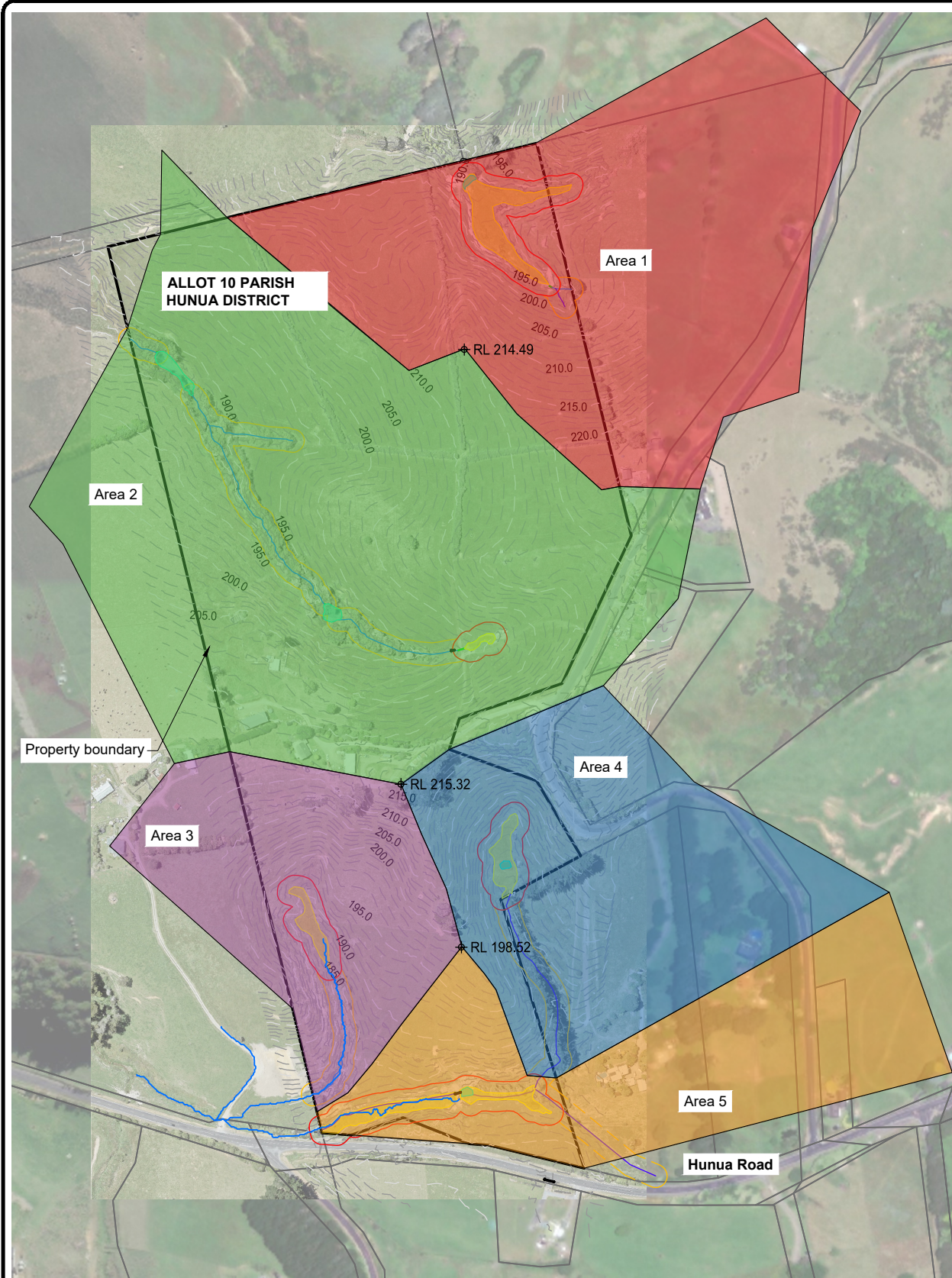
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SCALE AS SHOWN (A3)

DRAWING No 33250/304 REVISION A

P:\33 series\33250\03 Drawings\33250-305.dwg, f:\hna, 12/2/2025 11:05 am



SR NO.	CATCHMENT AREA EXISTING	CATCHMENT AREA DESIGN	DESIGN / EXISTING
1	114732 m ²	112145 m ²	0.98
2	172028 m ²	173459 m ²	1.01
3	51067 m ²	46683 m ²	0.92
4	74473 m ²	80303 m ²	1.08
5	61181 m ²	59094 m ²	0.96

Legend

- 12 — Existing contours (@1m intervals)
- 12 — Proposed contours (@1m intervals)
- Property boundary
- / — Permanent / intermittent stream
- Stream 10m setback
- Wetland
- Wetland 10m setback
- Pond

NOT FOR CONSTRUCTION

SURVEYED	TB	06.09.24	APPROVED	SF	DATE
DESIGNED	TB	06.09.24			
DRAWN	FV	06.09.24			
CHECKED	TB	06.09.24			
REVISION	CHANGES			CHECKED	DATE

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
PRE AND POST DEVELOPMENT
CATCHMENT COMPARISON
PLAN



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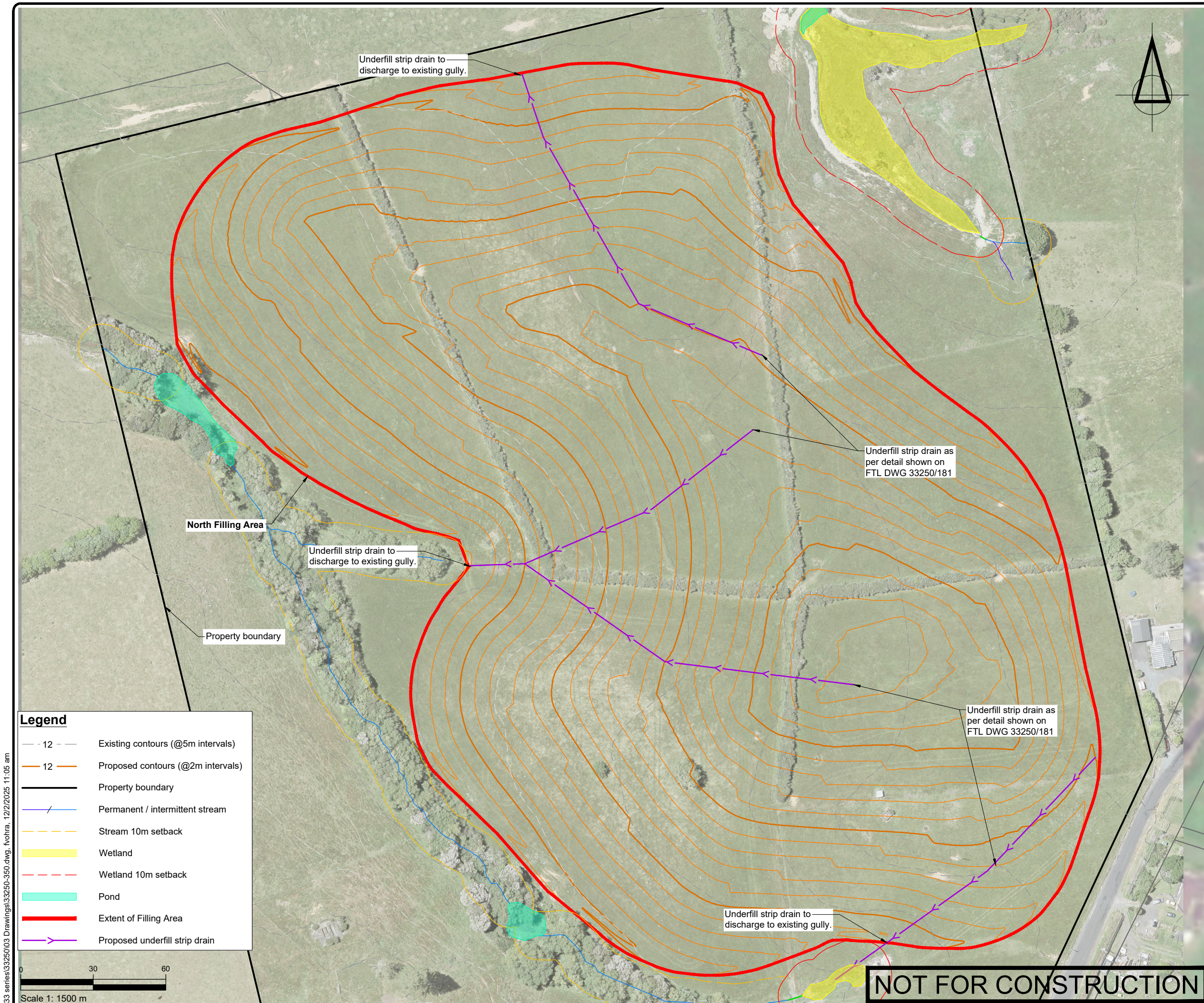
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SCALE 1:5000	(A3)
DRAWING No 33250/305	REVISION -



P:\33 series\33250\03 Drawings\33250-350.dwg, f:\vohra, 12/2/2025 11:05 am

Legend	
	Existing contours (@5m intervals)
	Proposed contours (@2m intervals)
	Property boundary
	Permanent / intermittent stream
	Stream 10m setback
	Wetland
	Wetland 10m setback
	Pond
	Extent of Filling Area
	Proposed underfill strip drain

SURVEYED			APPROVED	DATE
DESIGNED	TB	06.09.24	SF	27.09.24
DRAWN	FV	06.09.24		
CHECKED	TB	06.09.24		
REVISION	CHANGES		CHECKED	DATE
A	MINOR TEXT AMENDMENTS		TB	14.10.24
B	WETLAND 10M SETBACK ADDED		TB	24.10.24
C	PROPOSED BORE COORDINATED ADDED		SF	15.01.25

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:	
LEVEL:	Auckland Vertical Datum 1946
COORDINATE:	NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

PROPOSED NORTHERN UNDERFILL STRIP DRAIN



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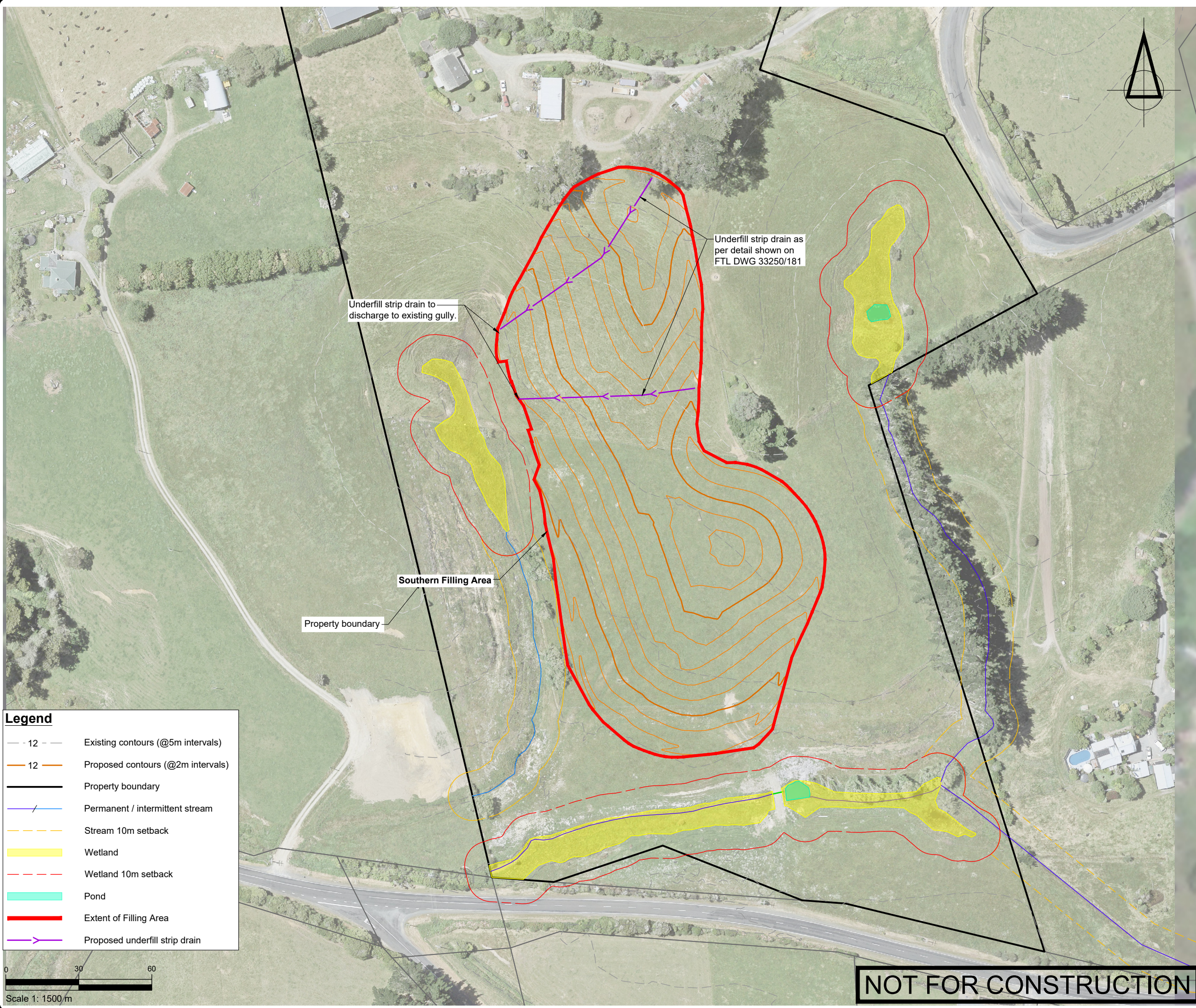
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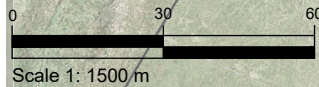
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STATUS	
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SCALE	1:1500 (A3)
DRAWING No	33250/350
REVISION	C

P:\33 series\33250\03 Drawings\33250-351.dwg, f:\vohra, 12/2/2025 11:05 am



Legend	
	Existing contours (@5m intervals)
	Proposed contours (@2m intervals)
	Property boundary
	Permanent / intermittent stream
	Stream 10m setback
	Wetland
	Wetland 10m setback
	Pond
	Extent of Filling Area
	Proposed underfill strip drain



NOT FOR CONSTRUCTION

SURVEYED			APPROVED	DATE
DESIGNED	TB	06.09.24	SF	27.09.24
DRAWN	FV	06.09.24		
CHECKED	TB	06.09.24		
REVISION	CHANGES		CHECKED	DATE
A	MINOR TEXT AMENDMENTS		TB	14.10.24
B	WETLAND 10M SETBACK ADDED		TB	24.10.24
C	PROPOSED BORE COORDINATED ADDED		SF	15.01.25

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
PROPOSED SOUTHERN
UNDERFILL STRIP DRAIN



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03 428 3292

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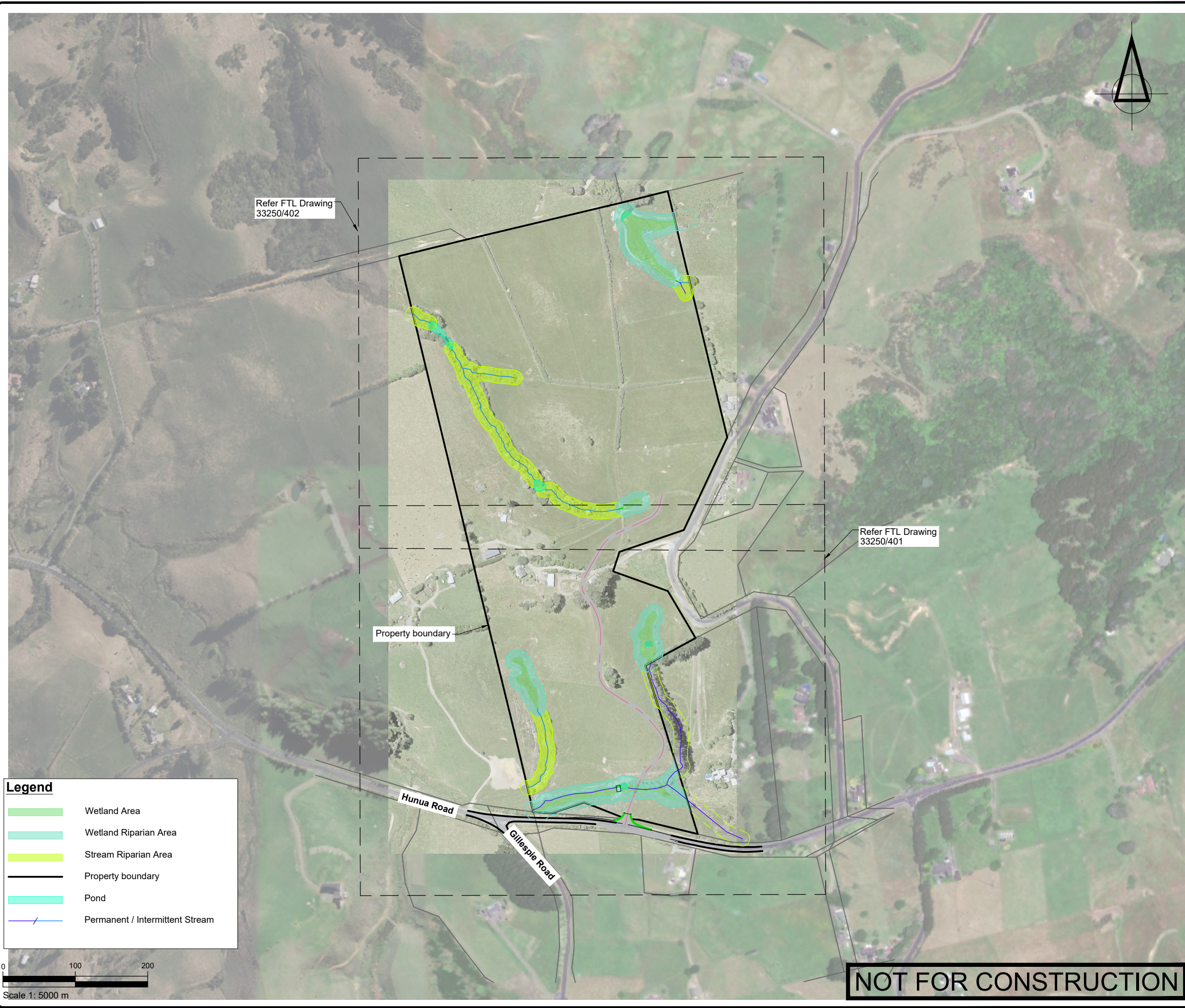
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SCALE 1:1500 (A3)
DRAWING No 33250/351 REVISION C

P:\33 series\33250\03 Drawings\33250-400-402.dwg, gsingh, 12/2/2025 11:06 am



Legend

Wetland Area

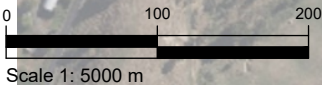
Wetland Riparian Area

Stream Riparian Area

Property boundary

Pond

Permanent / Intermittent Stream



SURVEYED			APPROVED	DATE
DESIGNED	GS	07.02.25	SF	07.02.25
DRAWN	GS	07.02.25		
CHECKED	SF	07.02.25		
REVISION	CHANGES		CHECKED	DATE

- NOTES
1. Existing Ground Contour data obtained from LiDAR 2016.

2. Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:

LEVEL: Auckland Vertical Datum 1946

COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT

SCARBRO ENVIRONMENTAL LTD

PROJECT

362 JONES RD, HUNUA

TITLE

ENHANCEMENT PLANTING AND
WEEDING CONTROL AREAS
(SHEET 1 OF 3)

Fraser

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SCALE 1:5000 (A3)

DRAWING No 33250/400 REVISION -

NOT FOR CONSTRUCTION

- Proposed Treatments:
1. Stream 2: Weed and pest control within existing riparian vegetation.
 2. Within Wetlands: Weed control and enhancement planting.
 3. Stream and Wetland Riparian Zones: 10m wide buffer planting

Legend

Wetland Area

Wetland Riparian Area

Stream Riparian Area

Property boundary

Pond

Permanent / Intermittent Stream

Wetland A
area: 916 m²

Wetland A
riparian
area: 1836 m²

Wetland C
area: 711 m²

Wetland C
riparian area:
2102 m²

Wetland C

Stream 2 riparian
area: 2340 m²

Stream 2

Wetland B
riparian area:
4665 m²

Wetland B
area: 1833 m²

Wetland B

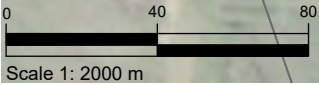
Stream 1 riparian
- Part 2
area: 576 m²

Bridge

Stream crossing remedial area
(within stream channel only)

Property boundary

Hunua Road



NOT FOR CONSTRUCTION

SURVEYED	GS	07.02.25	APPROVED	SF	DATE
DESIGNED	GS	07.02.25			
DRAWN	GS	07.02.25			
CHECKED	SF	07.02.25			
REVISION	CHANGES			CHECKED	DATE

- NOTES
1. Existing Ground Contour data obtained from LiDAR 2016.
 2. Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
ENHANCEMENT PLANTING AND
WEEDING CONTROL AREAS
(SHEET 2 OF 3)

Fraser
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SCALE 1:2500 (A3)

DRAWING No 33250/401 REVISION -

- Legend**
- Wetland Area
 - Wetland Riparian Area
 - Stream Riparian Area
 - Property boundary
 - Pond
 - Permanent / Intermittent Stream

SURVEYED	GS	07.02.25	APPROVED	SF	DATE
DESIGNED	GS	07.02.25			
DRAWN	GS	07.02.25			
CHECKED	SF	07.02.25			
REVISION	CHANGES			CHECKED	DATE

- NOTES
- Existing Ground Contour data obtained from LiDAR 2016.
 - Streams, wetlands and ponds from Boffa Miskell Ecological report (2024).

PROJECT DATUMS:
LEVEL: Auckland Vertical Datum 1946
COORDINATE: NZGD2000 / Mount Eden 2000

CLIENT
SCARBRO ENVIRONMENTAL LTD

PROJECT
362 JONES RD, HUNUA

TITLE
ENHANCEMENT PLANTING AND
WEEDING CONTROL AREAS
(SHEET 3 OF 3)



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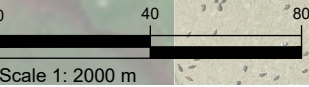
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STATUS
FOR RESOURCE CONSENT
Construction works shall commence only on receipt of and in accordance with the Council or Council organisation stamped approved drawings, unless otherwise indicated.

SCALE 1:2500 (A3)
DRAWING No 33250/402
REVISION -



- Proposed Treatments:
- Stream 2: Weed and pest control within existing riparian vegetation.
 - Within Wetlands: Weed control and enhancement planting.
 - Stream and Wetland Riparian Zones: 10m wide buffer planting

NOT FOR CONSTRUCTION