



AUCKLAND SURF PARK

AW HOLDINGS 2021 LTD

ENGINEERING DRAWINGS

RESOURCE CONSENT

MCK PROJECT NO. | **3325 -2**

ISSUE DATE: | APRIL. 2026



AUCKLAND SURF PARK

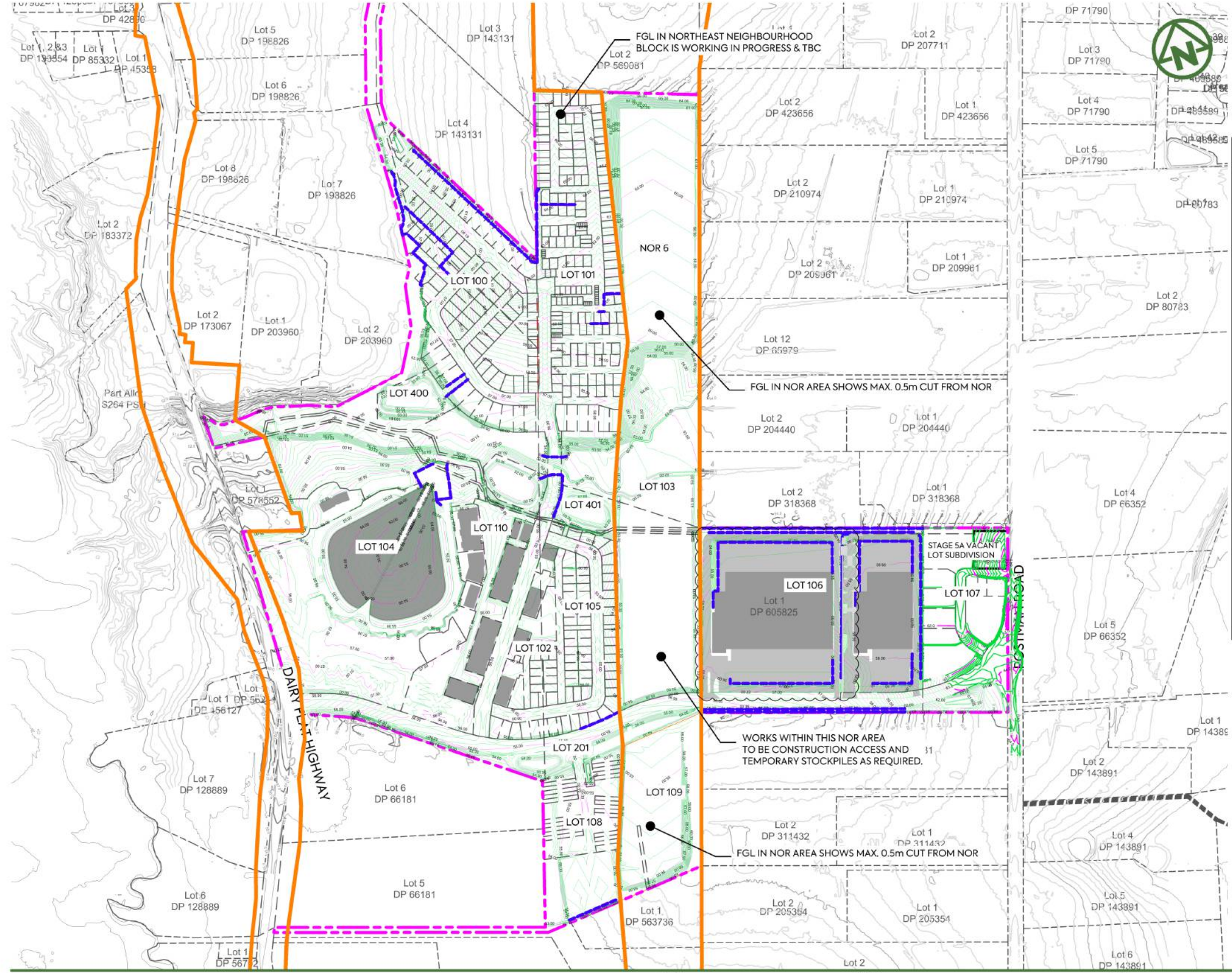
DRAWING INDEX

DWG NO.	TITLE	REV
Cover Sheet		
0000	Cover Sheet	C
0001	Index Sheet	C
Earthworks		
2000	Earthworks Final Contour Overall Plan	E
2001	Earthworks Final Contour Plan Key Sheet	E
2002	Earthworks Final Contour Plan Sheet 1	B
2003	Earthworks Final Contour Plan Sheet 2	B
2004	Earthworks Final Contour Plan Sheet 3	E
2005	Earthworks Final Contour Plan Sheet 4	C
2100	Earthworks Cut and Fill Plan Overall	E
2101	Earthworks Cut and Fill Plan Key Sheet	E
2102	Earthworks Cut and Fill Plan Sheet 1	B
2103	Earthworks Cut and Fill Plan Sheet 2	B
2104	Earthworks Cut and Fill Plan Sheet 3	B
2105	Earthworks Cut and Fill Plan Sheet 4	B
2106	Earthworks Cut and Fill Plan Sheet 5	A
2107	Earthworks Cut and Fill Plan Sheet 6	A
2108	Earthworks Cut and Fill Plan Sheet 7	A
2109	Earthworks Cut and Fill Plan Sheet 8	A
2110	Earthworks Cut and Fill Plan Sheet 9	E
2111	Earthworks Cut and Fill Plan Sheet 10	D
2112	Earthworks Cut and Fill Plan Sheet 11	A
2113	Earthworks Cut and Fill Plan Sheet 12	B
2114	Earthworks Cut and Fill Plan Sheet 13	C
2115	Earthworks Lagoon optional Design Earthwork Section 1	A
2116	Earthworks Lagoon optional Design Earthwork Section 2	A
2117	Earthworks Lagoon optional Design Earthwork Section 3	A
2150	EARTHWORKSGROUND IMPROVEMENT PREFILL PLAN	A
2151	EARTHWORKSGROUND IMPROVEMENT CUT FILL PLAN	A
2152	EARTHWORKSGROUND IMPROVEMENT SUBSOIL DRAIN	A
2153	EARTHWORKSGROUND IMPROVEMENT SUBSOIL DRAIN	A
2154	EARTHWORKSGROUND IMPROVEMENT SUBSOIL DRAIN LO	A
2155	EARTHWORKSGROUND IMPROVEMENT SUBSOIL DRAIN LO	A
2200	SITE CLEARING PLAN OVERALL PLAN	A
2201	SITE CLEARING PLAN SHEET 1	A
2202	SITE CLEARING PLAN SHEET 2	A
2203	SITE CLEARING PLAN SHEET 3	A
2250	EARTHWORKS TOPSOIL DEPTH OVERALL PLAN	A
2251	EARTHWORKS TOPSOIL DEPTH PLAN SHEET 1	A
2252	EARTHWORKS TOPSOIL DEPTH PLAN SHEET 2	A
2253	EARTHWORKS TOPSOIL DEPTH PLAN SHEET 3	A
2300	Erosion and Sed Control Plan Overview	B
2301	Erosion and Sed Control Catchment Plan Key Sheet	B
2302	Erosion and Sed Control Catchment Plan Sheet 1	A
2303	Erosion and Sed Control Catchment Plan Sheet 2	B
2304	Erosion and Sed Control Catchment Plan Sheet 3	A
2305	Erosion and Sed Control Catchment Plan Sheet 4	A
2306	Erosion and Sed Control Catchment Plan Detail	A
2500	EARTHWORKS PROPOSED RETAINING WALL OVERALL PLAN	D
2501	EARTHWORKS PROPOSED RETAINING WALL KEY PLAN	C
2502	EARTHWORKS PROPOSED RETAINING WALL SHEET 1	A
2503	EARTHWORKS PROPOSED RETAINING WALL SHEET 2	A
2504	EARTHWORKS PROPOSED RETAINING WALL SHEET 3	D
2505	EARTHWORKS PROPOSED RETAINING WALL SHEET 4	A
2700	Stream Plan Sheet 1	A
2701	Stream Plan Sheet 2	A
2702	Stream Typical Cross Section	A
2900	Erosion and Sed Control Catchment Plan Detail Sheet 1	A
2901	Erosion and Sed Control Catchment Plan Detail Sheet 2	A
2902	Erosion and Sed Control Catchment Plan Detail Sheet 3	A
Roading		
3000	Roading Plan Overall	E
3001	Roading Plan sheet 1	B
3002	Roading Plan sheet 2	B
3003	Roading Plan sheet 3	E

3004	Roading Plan sheet 4	B
3005	Roading Plan sheet 5	B
3100	Roading Plan and Long Section Sheet 1	E
3101	Roading Plan and Long Section Sheet 2	B
3102	Roading Plan and Long Section Sheet 3	B
3103	Roading Plan and Long Section Sheet 4	B
3104	Roading Plan and Long Section Sheet 5	B
3105	Roading Plan and Long Section Sheet 6	B
3106	Roading Plan and Long Section Sheet 7	B
3107	Roading Plan and Long Section Sheet 8	B
3108	Roading Plan and Long Section Sheet 9	B
3109	Roading Plan and Long Section Sheet 10	E
3110	Roading Plan NE Joal Detail	A
3600	Roading Cross Section Sheet 1	A
3601	Roading Cross Section Sheet 2	A
3602	Roading Cross Section Sheet 3	A
3603	Roading Cross Section Sheet 4	A
3604	Roading Cross Section Sheet 5	A
3605	Roading Cross Section Sheet 6	A
3606	Roading Cross Section Sheet 7	A
3607	Roading Cross Section Sheet 8	A
3608	Roading Cross Section Sheet 9	A
3609	Roading Cross Section Sheet 10	A
3610	Roading Cross Section Sheet 11	A
3611	Roading Cross Section Sheet 12	A
3612	Roading Cross Section Sheet 13	A
3613	Roading Cross Section Sheet 14	A
3614	Roading Cross Section Sheet 15	A
3615	Roading Cross Section Sheet 16	A
3616	Roading Cross Section Sheet 17	A
3617	Roading Cross Section Sheet 18	A
3850	Roading Rubbish Bin Location Plan Overall	C
3851	Roading Rubbish Bin Location Plan Sheet 1	B
3852	Roading Rubbish Bin Location Plan Sheet 2	B
3853	Roading Rubbish Bin Location Plan Sheet 3	C
3854	Roading Rubbish Bin Location Plan Sheet 4	B
3855	Roading Rubbish Bin Location Plan Sheet 5	B
3900	Roading Standard Details	A

DWG NO.	TITLE	REV
Stormwater		
4000	Stormwater Plan Overall	E
4001	Stormwater Plan Page Finder	E
4002	Stormwater Plan Sheet 1	B
4003	Stormwater Plan Sheet 2	B
4004	Stormwater Plan Sheet 3	B
4005	Stormwater Plan Sheet 4	B
4006	Stormwater Plan Sheet 5	B
4007	Stormwater Plan Sheet 6	B
4008	Stormwater Plan Sheet 7	B
4009	Stormwater Plan Sheet 8	B
4010	Stormwater Plan Sheet 9	B
4011	Stormwater Plan Sheet 10	B
4012	Stormwater Plan Sheet 11	B
4013	Stormwater Plan Sheet 12	B
4014	Stormwater Plan Sheet 13	B
4015	Stormwater Plan Sheet 14	B
4016	Stormwater Plan Sheet 15	B
4017	Stormwater Plan Sheet 16	B
4018	Stormwater Plan Sheet 17	B
4019	Stormwater Plan Sheet 18	B
4020	Stormwater Plan Sheet 19	B
4021	Stormwater Plan Sheet 20	B
4022	Stormwater Plan Sheet 21	D
4023	Stormwater Plan Sheet 22	D
4024	Stormwater Plan Sheet 23	C
4610	Stormwater 1% AEP Catchment Plan Overall	C

4616	Stormwater 1% AEP Catchment Cross Section Sheet 2	A
4617	Stormwater 1% AEP Catchment Cross Section Sheet 3	A
4618	Stormwater 1% AEP Catchment Cross Section Sheet 4	A
4619	Stormwater 1% AEP Catchment Cross Section Sheet 5	A
4640	Stormwater Treatment Device Catchment Plan Overall	D
4641	Stormwater Treatment Device Catchments	B
4642	Stormwater Treatment Device Catchments	B
4643	Stormwater Treatment Device Catchments	B
4644	Stormwater Treatment Device Catchments	B
4645	Stormwater Treatment Device Catchments	E
4646	Stormwater Treatment Device Catchments	B
4647	Stormwater Treatment Devices Catchments Calculation	B
4650	Stormwater Proposed 1% AEP Catchments	E
4651	Stormwater Proposed 1% AEP Catchments	B
4652	Stormwater Proposed 1% AEP Catchments	B
4653	Stormwater Proposed 1% AEP Catchments	E
4654	Stormwater Proposed 1% AEP Catchments	B
4800	Stormwater Constructed Wetland 1 Layout Plan	B
4801	Stormwater Constructed Wetland 2 Layout Plan	B
4802	Stormwater Constructed Wetland 3 Layout Plan	B
4803	Stormwater Raingarden North Layout Plan	B
4804	Stormwater Raingarden South Layout Plan	B
4805	Stormwater Raingarden Roundabout Layout Plan	B
4850	Stormwater Above Ground Detention Tank Detail	A
Wastewater		
5000	Wastewater Plan Overall	E
5001	Wastewater Plan Sheet 1	E
5002	Wastewater Plan Sheet 2	B
5003	Wastewater Plan Sheet 3	B
5004	Wastewater Plan Sheet 4	B
5005	Wastewater Plan Sheet 5	B
5006	Wastewater Plan Sheet 6	B
5007	Wastewater Plan Sheet 7	B
5008	Wastewater Plan Sheet 8	B
5009	Wastewater Plan Sheet 9	E
5010	Wastewater Plan Sheet 10	B
5200	Wastewater Disposal Field Plan	A
5201	Wastewater Disposal Field Plan (Without Busway)	A
5900	Wastewater AC CoP Standard Details Sheet 1	A
5901	Wastewater AC CoP Standard Details Sheet 2	A
5902	Wastewater AC CoP Standard Details Sheet 3	A
5903	Wastewater AC CoP Standard Details Sheet 4	A
Water Supply		
6000	Water Supply Plan Overall	E
6001	Water Supply Plan Sheet 1	E
6002	Water Supply Plan Sheet 2	B
6003	Water Supply Plan Sheet 3	B
6004	Water Supply Plan Sheet 4	E
6005	Water Supply Plan Sheet 5	B
Utilities		
7000	Utilities Plan Overall	D
7001	Utilities Plan Sheet 1	B
7002	Utilities Plan Sheet 2	B
7003	Utilities Plan Sheet 3	D
7004	Utilities Plan Sheet 4	B



- NOTES:**
1. TO BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL).
 2. ALL EARTHWORKS SHALL COMPLY WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR LAND DISTURBING ACTIVITIES, AC GD2016/005.
 3. NO EARTHWORKS CAN COMMENCE UNTIL AN AS-BUILT SURVEY OF ALL SEDIMENT AND EROSION CONTROL DEVICES HAS BEEN COMPLETED, AND APPROVAL TO COMMENCE HAS BEEN ISSUED BY AUCKLAND COUNCIL OFFICERS.
 4. UNDER-FILL DRAINAGE IS TO BE INSTALLED AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER. SHOULD THE CONTRACTOR ENCOUNTER SPRINGS OR OTHER SOURCES OF WATER, THEY ARE TO NOTIFY THE GEOTECHNICAL ENGINEER IMMEDIATELY.
 5. ALL UNSUITABLE MATERIALS AS DEFINED IN THE CONTRACT SPECIFICATION IS TO BE REMOVED AND STRIPPED AREAS INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO ANY FILLING TAKING PLACE.
 6. EARTHWORKS SHALL NOT EXTEND PAST THE AREA SHOWN ON THE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
 7. EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING LOTS UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS TO DO SO.
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 9. THE CONTRACTOR SHALL CONFIRM THE LOCATION, LEVELS AND DETAILING OF ALL PROPOSED GEOTECHNICAL WORKS WITH THE GEOTECHNICAL ENGINEERS ON SITE PRIOR TO PROCEEDING WITH THOSE WORKS.

LEGEND:

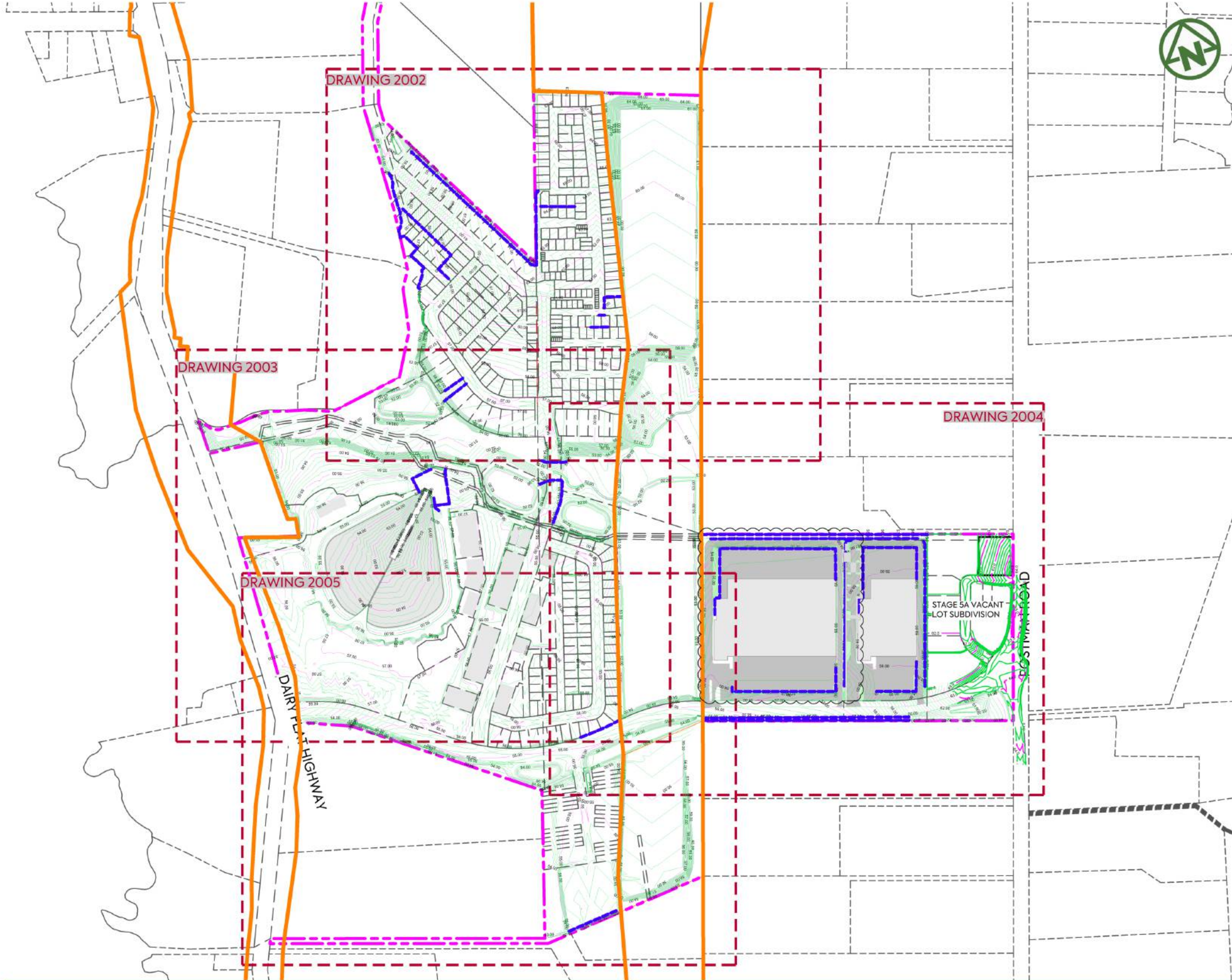
SITE BOUNDARY	
PROPOSED (1.0m) MAJOR CONTOUR	
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	
EXISTING CADASTRAL BOUNDARIES	
FUTURE CADASTRAL BOUNDARIES	
NOR	
PROPOSED RETAINING WALL	

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
E	DRAWING UPDATES	PO	SL	JK	08/06/26
D	DRAWING UPDATES	PK	SL	SL	24/04/26
C	DRAWING UPDATES	NS	SL	SL	13/01/26
B	DATA CENTRE RE-DESIGN	DK	SL	SL	08/12/25
A	FIRST ISSUE	AL	SL	SL	07/11/25



CLIENT: AW HOLDINGS 2021 LIMITED
 PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND
 TITLE: EARTHWORKS FINAL CONTOUR OVERALL PLAN

PURPOSE OF ISSUE: FOR RESOURCE CONSENT
 SCALE: 1:5000
 DO NOT SCALE
 DRAWING NO: 3325-2-2000
 REV: E



- NOTES:**
1. TO BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL).
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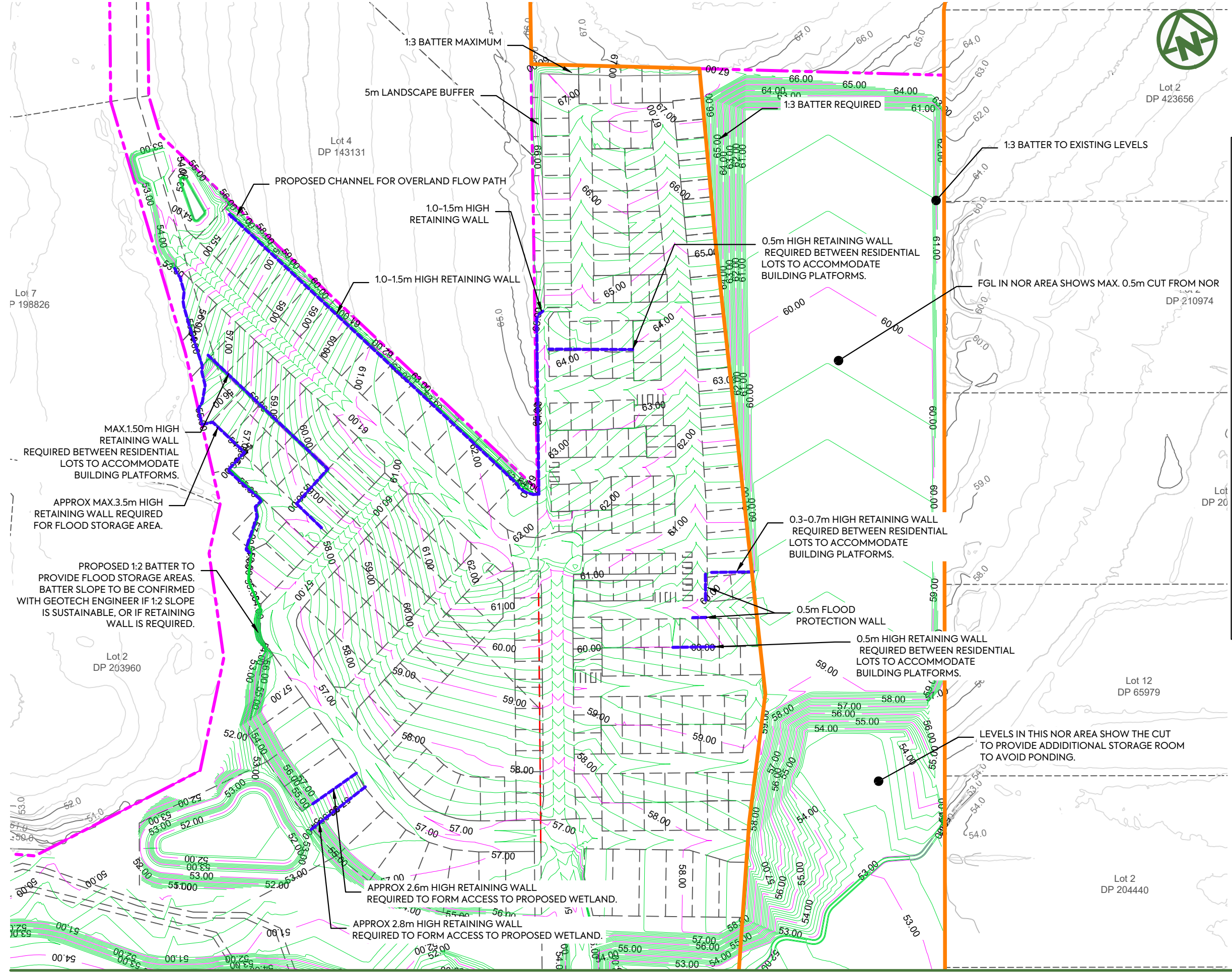
LEGEND:

SITE BOUNDARY	
PROPOSED (1.0m) MAJOR CONTOUR	
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	
EXISTING CADASTRAL BOUNDARIES	
FUTURE CADASTRAL BOUNDARIES	
NOR	
PROPOSED RETAINING WALL	

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
E	DRAWING UPDATES	PO	SL	JK	08/06/26
D	DRAWING UPDATES	PK	SL	SL	24/04/26
C	DRAWING UPDATES	NS	SL	SL	13/01/26
B	DATA CENTRE RE-DESIGN	DX	SL	SL	08/12/25
A	FIRST ISSUE	AL	SL	SL	07/11/25



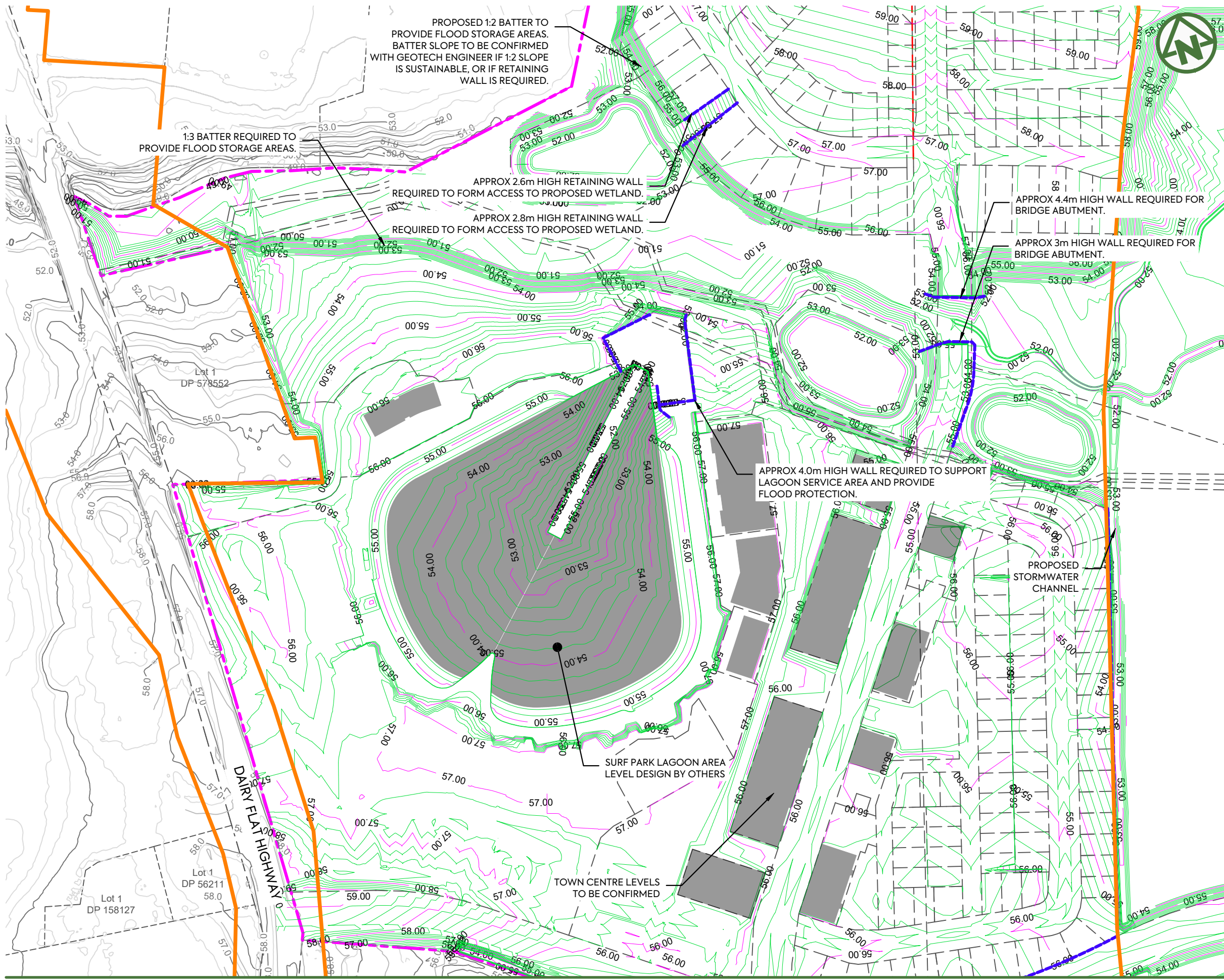
CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS FINAL CONTOUR PLAN KEY SHEET PURPOSE OF ISSUE: FOR RESOURCE CONSENT SCALE: 1:5000 DO NOT SCALE DRAWING NO: 3325-2-2001 REV: E



- NOTES:**
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 2. ALL EARTHWORKS SHALL COMPLY WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR LAND DISTURBING ACTIVITIES, AC GD2016/005.
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LEGEND:

SITE BOUNDARY	
PROPOSED (1.0m) MAJOR CONTOUR	
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	
EXISTING CADASTRAL BOUNDARIES	
FUTURE CADASTRAL BOUNDARIES	
NOR	
PROPOSED RETAINING WALL	



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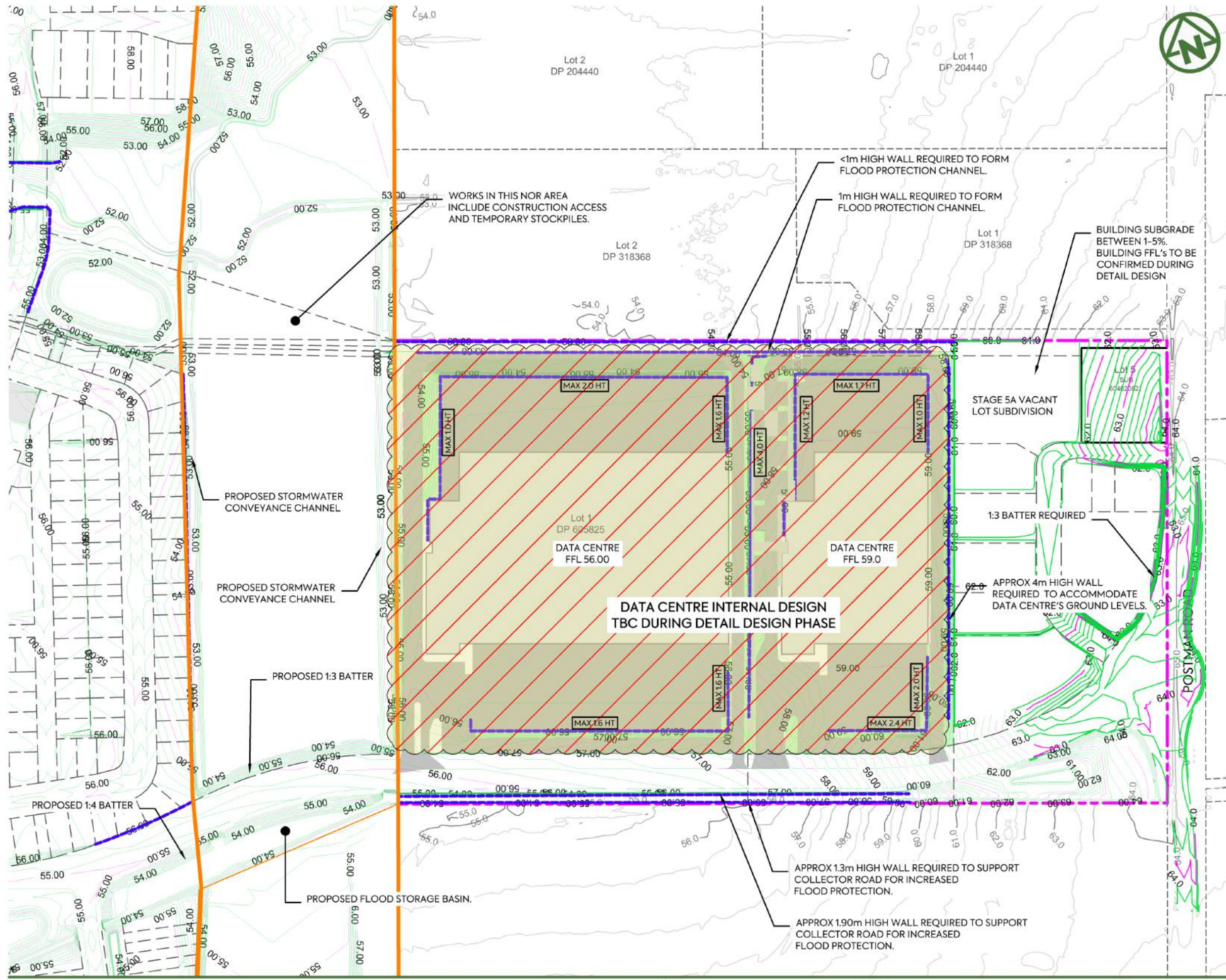
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PROPOSED (1.0m) MAJOR CONTOUR	
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	
EXISTING CADASTRAL BOUNDARIES	
FUTURE CADASTRAL BOUNDARIES	
NOR	
PROPOSED RETAINING WALL	

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS FINAL CONTOUR PLAN SHEET 2 PURPOSE OF ISSUE: FOR RESOURCE CONSENT

B	DRAWING UPDATES	NS	SL	SL	13/01/26	
A	FIRST ISSUE	AL	SL	SL	07/11/25	
REV	DESCRIPTION	DRN	BY	CHK	APP	DATE



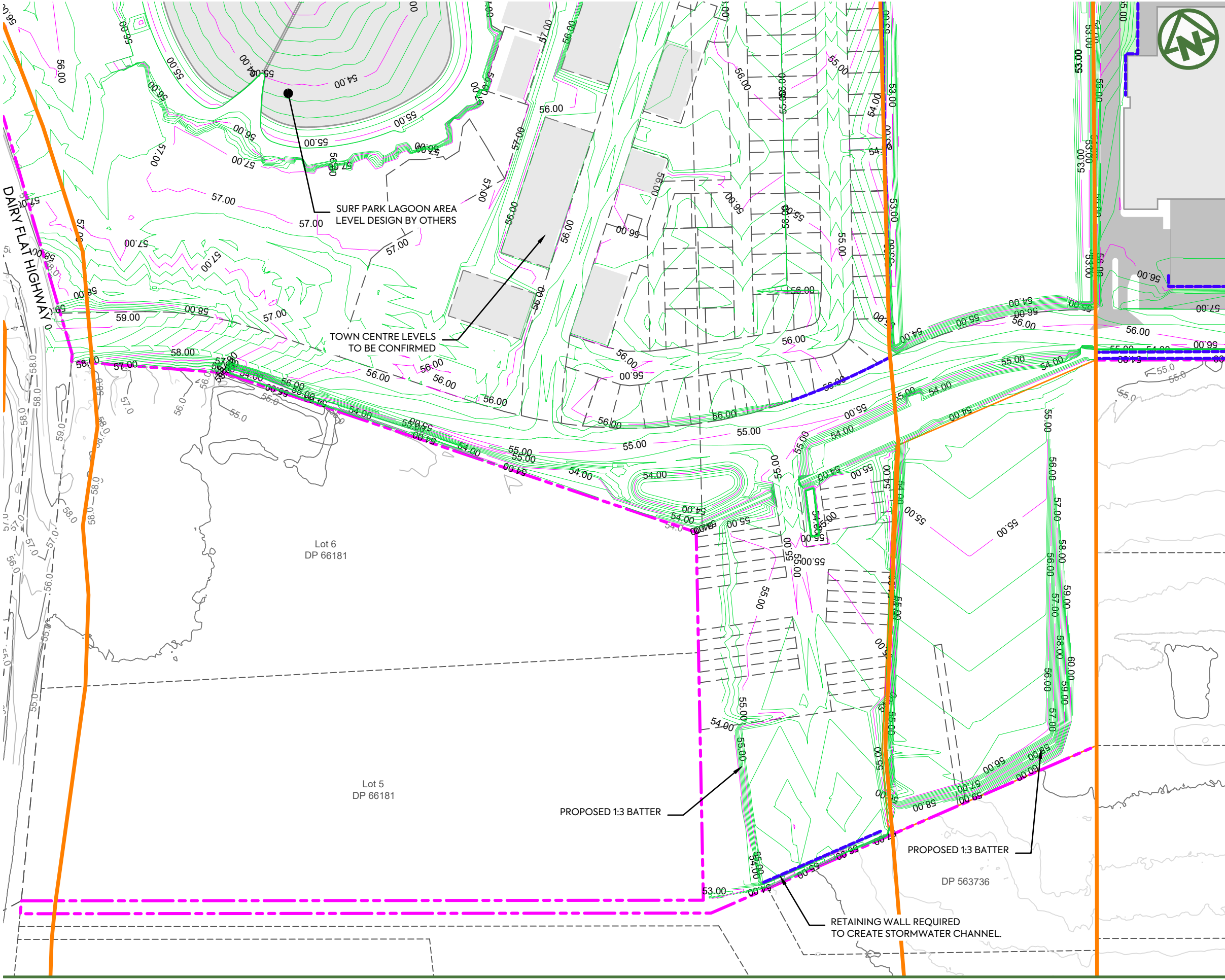


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SITE BOUNDARY	
PROPOSED (1.0m) MAJOR CONTOUR	
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	
EXISTING CADASTRAL BOUNDARIES	
FUTURE CADASTRAL BOUNDARIES	
NOR	
PROPOSED RETAINING WALL	

<p>CLIENT: AW HOLDINGS 2021 LIMITED</p> <p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p> <p>TITLE: EARTHWORKS FINAL CONTOUR PLAN SHEET 3</p>		<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p> <p>SCALE: 1:2000</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 3325-2-2004</p> <p>REV: E</p>
<p>E DRAWING UPDATES PO SL JK 08/06/26</p> <p>D DRAWING UPDATES PK SL SL 24/04/26</p> <p>B DATA CENTRE RE-DESIGN DK SL SL 08/12/25</p> <p>A FIRST ISSUE AL SL SL 07/11/25</p>	<p>REV DESCRIPTION DRN BY CHK BY APP BY DATE</p>	<p>MCKENZIE & CO.</p> <p>AW HOLDINGS 2021 LIMITED</p> <p>AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p> <p>EARTHWORKS FINAL CONTOUR PLAN SHEET 3</p>



- NOTES:**
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LEGEND:

SITE BOUNDARY	
PROPOSED (1.0m) MAJOR CONTOUR	
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	
EXISTING CADASTRAL BOUNDARIES	
FUTURE CADASTRAL BOUNDARIES	
NOR	
PROPOSED RETAINING WALL	

CLIENT: **AW HOLDINGS 2021 LIMITED** PROJECT: **AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND** TITLE: **EARTHWORKS FINAL CONTOUR PLAN SHEET 4** PURPOSE OF ISSUE: **FOR RESOURCE CONSENT**



B	DRAWING UPDATES	NS	SL	SL	13/01/26
A	FIRST ISSUE	AL	SL	SL	07/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE

SCALE: **1:2000**
DO NOT SCALE
DRAWING NO: **3325-2-2005** REV: **B**

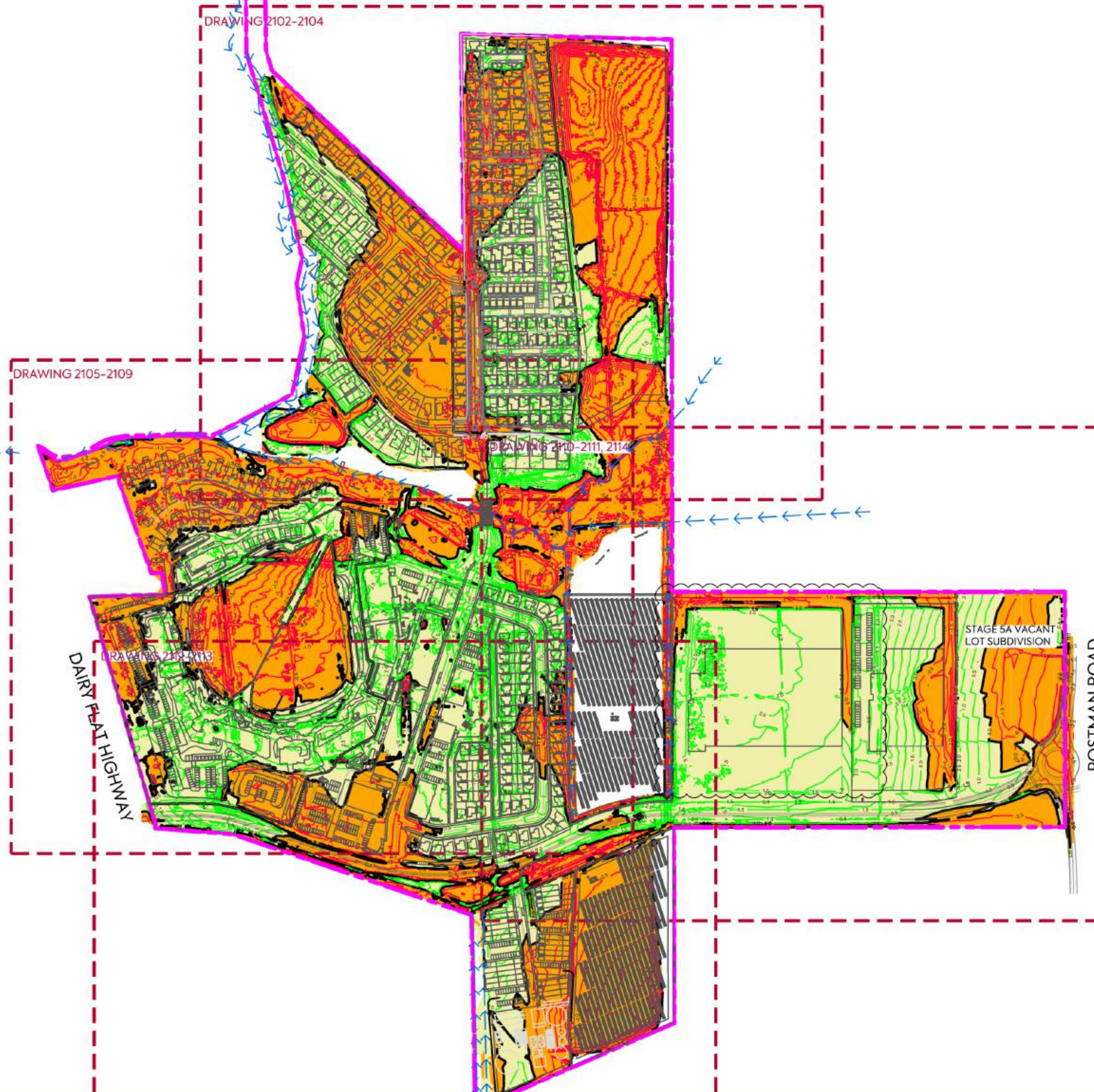


- NOTES:**
- ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). THE CONTOUR INTERVAL IS: 0.50m
 - CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE.
 - SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
 - SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
 - TOTAL EARTHWORK VOLUMES TBC

VOLUME OF CUT:	-275,922 m ³
VOLUME OF FILL:	+282,546 m ³
BALANCE:	+6,624 m ³
AREA:	504,800m ²
 - NO COMPACTION, BULKING FACTORS HAVE BEEN APPLIED.
 - TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES SUBJECT TO CHANGE.

- LEGEND:**
- SITE BOUNDARY:
 - EARTHWORK STAGE BOUNDARY:
 - PROPOSED FILL:
 - PROPOSED CUT:
 - PROPOSED FILL (MAJOR CONTOUR):
 - PROPOSED CUT (MAJOR CONTOUR):
 - CUT/FILL (ZERO CONTOUR):
 - CADASTRAL BOUNDARY:
 - 100yr ARI FLOOD PLAIN:

<table border="0"> <tr> <td style="font-size: 8px;">E</td><td style="font-size: 8px;">DRAWING UPDATES</td><td style="font-size: 8px;">PO</td><td style="font-size: 8px;">SL</td><td style="font-size: 8px;">JK</td><td style="font-size: 8px;">08/06/26</td></tr> <tr> <td style="font-size: 8px;">D</td><td style="font-size: 8px;">Updated masterplan Surf Industry</td><td style="font-size: 8px;">SL</td><td style="font-size: 8px;">SL</td><td style="font-size: 8px;">JK</td><td style="font-size: 8px;">24/04/26</td></tr> <tr> <td style="font-size: 8px;">C</td><td style="font-size: 8px;">DRAWING UPDATES</td><td style="font-size: 8px;">NS</td><td style="font-size: 8px;">SL</td><td style="font-size: 8px;">SL</td><td style="font-size: 8px;">13/01/26</td></tr> <tr> <td style="font-size: 8px;">B</td><td style="font-size: 8px;">DATA CENTRE RE-DESIGN</td><td style="font-size: 8px;">DK</td><td style="font-size: 8px;">SL</td><td style="font-size: 8px;">-</td><td style="font-size: 8px;">08/12/25</td></tr> <tr> <td style="font-size: 8px;">A</td><td style="font-size: 8px;">FIRST ISSUE</td><td style="font-size: 8px;">AL</td><td style="font-size: 8px;">SL</td><td style="font-size: 8px;">SL</td><td style="font-size: 8px;">07/11/25</td></tr> </table>	E	DRAWING UPDATES	PO	SL	JK	08/06/26	D	Updated masterplan Surf Industry	SL	SL	JK	24/04/26	C	DRAWING UPDATES	NS	SL	SL	13/01/26	B	DATA CENTRE RE-DESIGN	DK	SL	-	08/12/25	A	FIRST ISSUE	AL	SL	SL	07/11/25	<table border="0"> <tr> <td style="font-size: 8px;">REV</td><td style="font-size: 8px;">DESCRIPTION</td><td style="font-size: 8px;">DRN BY</td><td style="font-size: 8px;">CHK BY</td><td style="font-size: 8px;">APP BY</td><td style="font-size: 8px;">DATE</td></tr> </table>	REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE	<p>MCKENZIE & CO.</p>	<p>CLIENT: AW HOLDINGS 2021 LIMITED</p>	<p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: EARTHWORKS CUT FILL OVERALL PLAN</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p> <p>SCALE: 1:5000</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 3325-2-2100</p> <p>REV: E</p>
E	DRAWING UPDATES	PO	SL	JK	08/06/26																																					
D	Updated masterplan Surf Industry	SL	SL	JK	24/04/26																																					
C	DRAWING UPDATES	NS	SL	SL	13/01/26																																					
B	DATA CENTRE RE-DESIGN	DK	SL	-	08/12/25																																					
A	FIRST ISSUE	AL	SL	SL	07/11/25																																					
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE																																					



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
E	DRAWING UPDATES	PO	SL	JK	08/06/26
D	UPDATED MASTERPLAN	SL	SL	JK	24/04/26
C	DRAWING UPDATES	NS	SL	SL	13/01/26
B	DATA CENTRE RE-DESIGN	DK	SL	-	08/12/25
A	FIRST ISSUE	AL	SL	SL	07/11/25



MCKENZIE & CO.

CLIENT:
AW HOLDINGS 2021
LIMITED

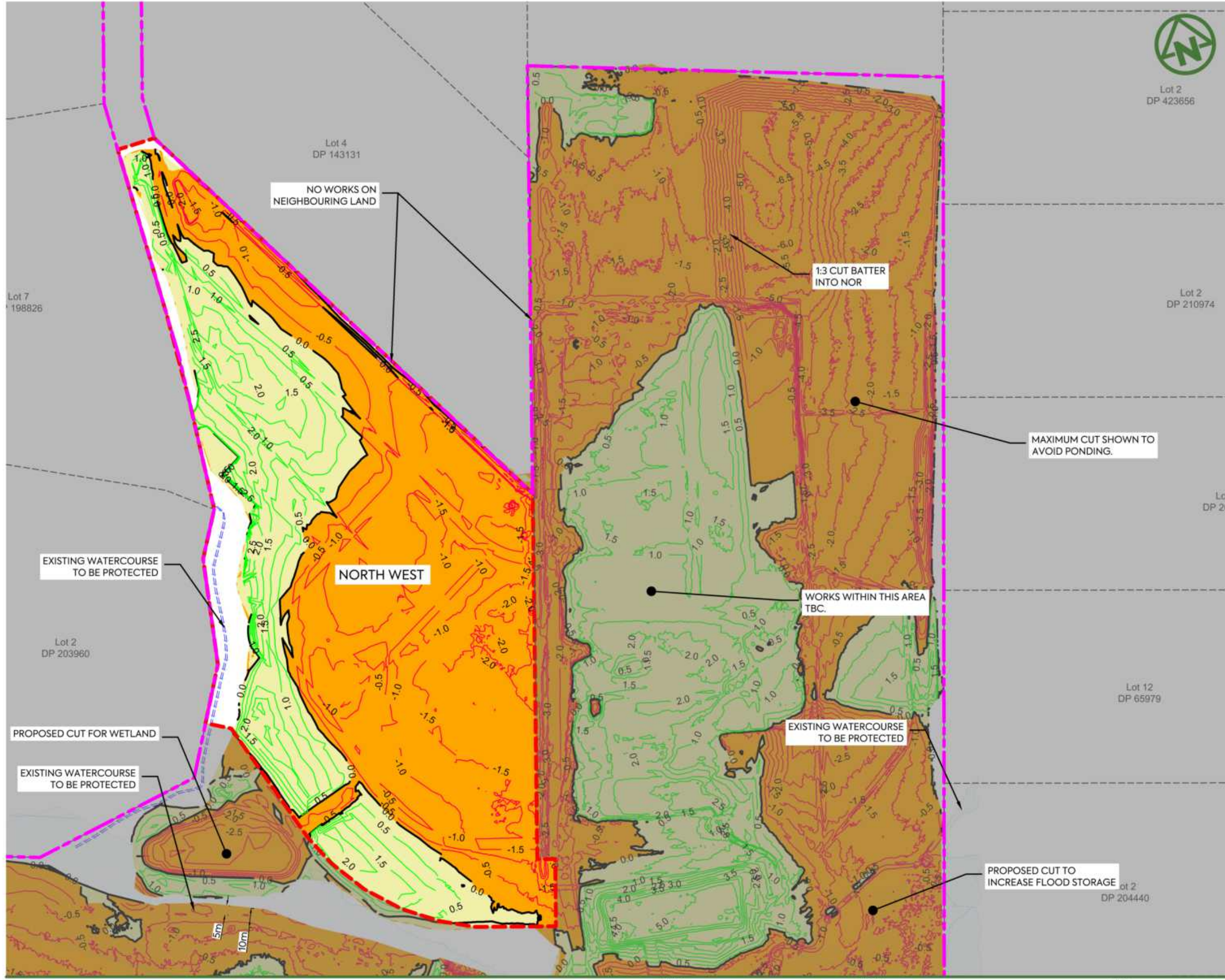
PROJECT:
AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:
EARTHWORKS
CUT FILL PLAN
SHEET 1

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:5000
DO NOT SCALE

DRAWING NO.: 3325-2-2101
REV: E



Lot 2
DP 423656

Lot 4
DP 143131

NO WORKS ON
NEIGHBOURING LAND

1:3 CUT BATTER
INTO NOR

Lot 2
DP 210974

MAXIMUM CUT SHOWN TO
AVOID PONDING.

Lot
DP 20

EXISTING WATERCOURSE
TO BE PROTECTED

NORTH WEST

WORKS WITHIN THIS AREA
TBC.

Lot 2
DP 203960

PROPOSED CUT FOR WETLAND

EXISTING WATERCOURSE
TO BE PROTECTED

Lot 12
DP 65979

EXISTING WATERCOURSE
TO BE PROTECTED

PROPOSED CUT TO
INCREASE FLOOD STORAGE

Lot 2
DP 204440

NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED. STAGE 2 SUBGRADE SURFACE.
- SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
- SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
3. NORTH WEST EARTHWORK VOLUMES
VOLUME OF CUT: - 25,205 m³
VOLUME OF FILL: + 22,665 m³
BALANCE: - 2,540 m³
AREA: 50,264 m²
4. NO COMPACTION, BULKING FACTORS HAVE BEEN APPLIED.
5. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES SUBJECT TO CHANGE.

LEGEND:

- SITE BOUNDARY ---
- EARTHWORK STAGE BOUNDARY ---
- PROPOSED FILL
- PROPOSED CUT
- PROPOSED FILL (MAJOR CONTOUR) ---
- PROPOSED CUT (MAJOR CONTOUR) ---
- CUT/FILL (ZERO CONTOUR) ---
- CADASTRAL BOUNDARY ---
- 100yr ARI FLOOD PLAIN

CLIENT: PROJECT: TITLE:

AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
CUT FILL PLAN
SHEET 2

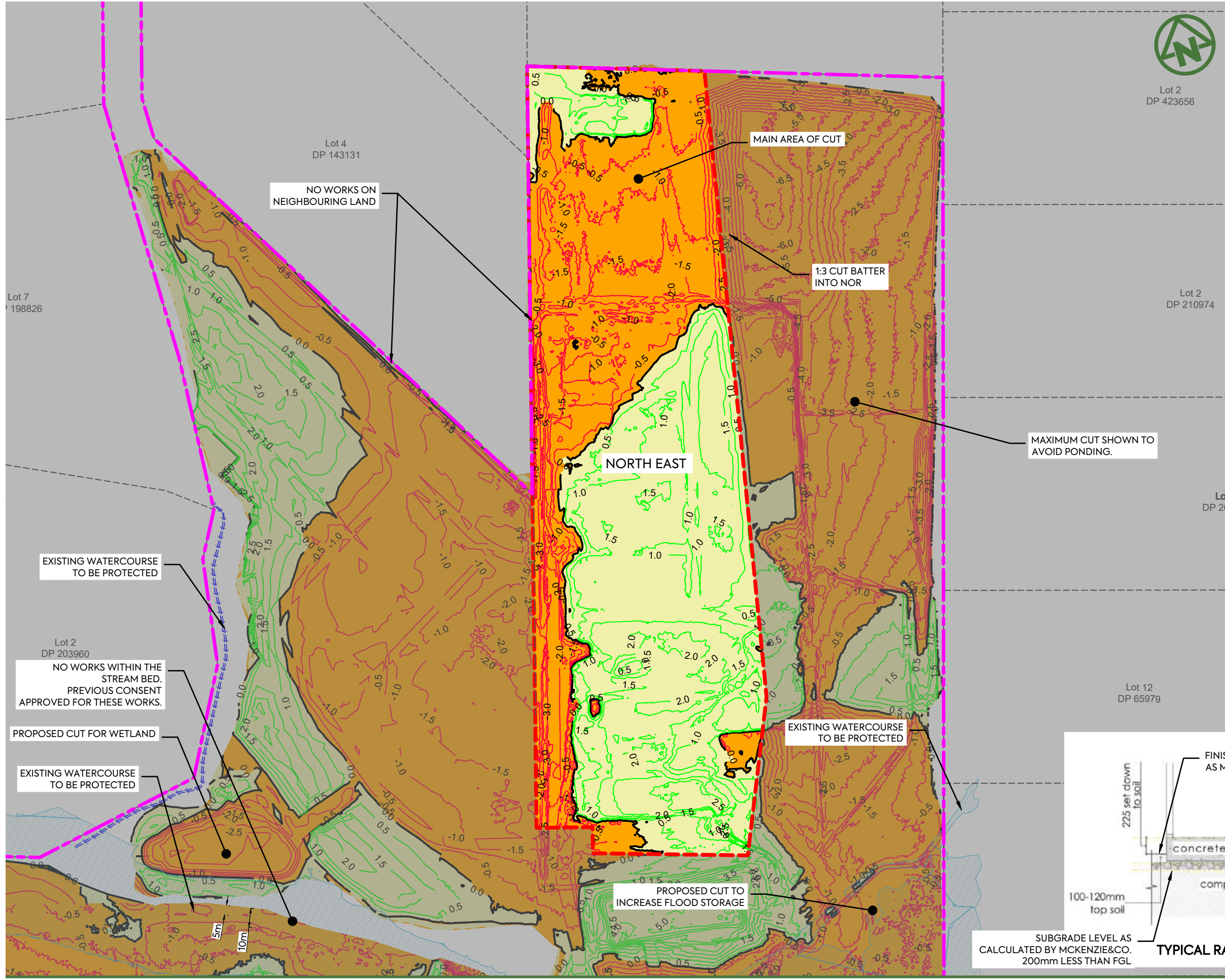
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:2000
DO NOT SCALE

DRAWING NO. REV.
3325-2-2102 B



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
B	DRAWINGS UPDATE	NS	SL	SL	11/01/26
A	FIRST ISSUE	AL	SL	SL	07/11/25



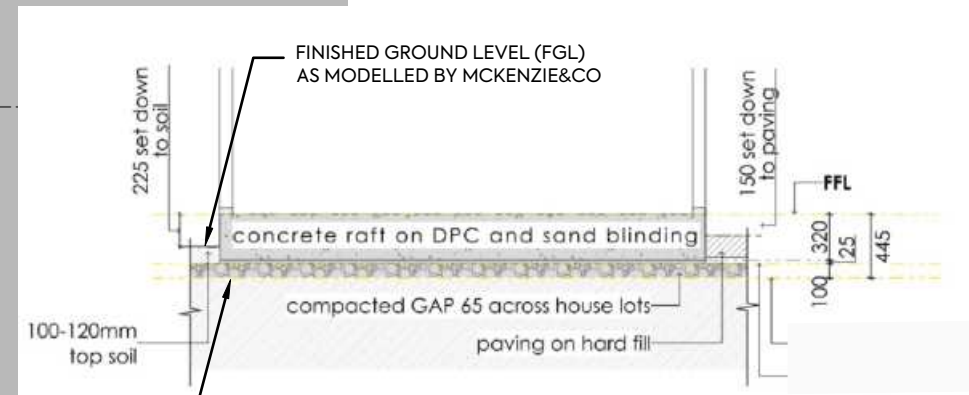
Lot 2
DP 423656

NOTES:

- ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). THE CONTOUR INTERVAL IS: 0.50m
- CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE.
- SUBGRADE LEVEL ASSUMED 200 mm BELOW FINISHED TOPSOIL SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
- SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
- NORTH EAST EARTHWORK VOLUMES**
VOLUME OF CUT: - 19,729 m³
VOLUME OF FILL: + 28,818 m³
BALANCE: + 9,089 m³
AREA: 43,989 m²
- NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
- TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

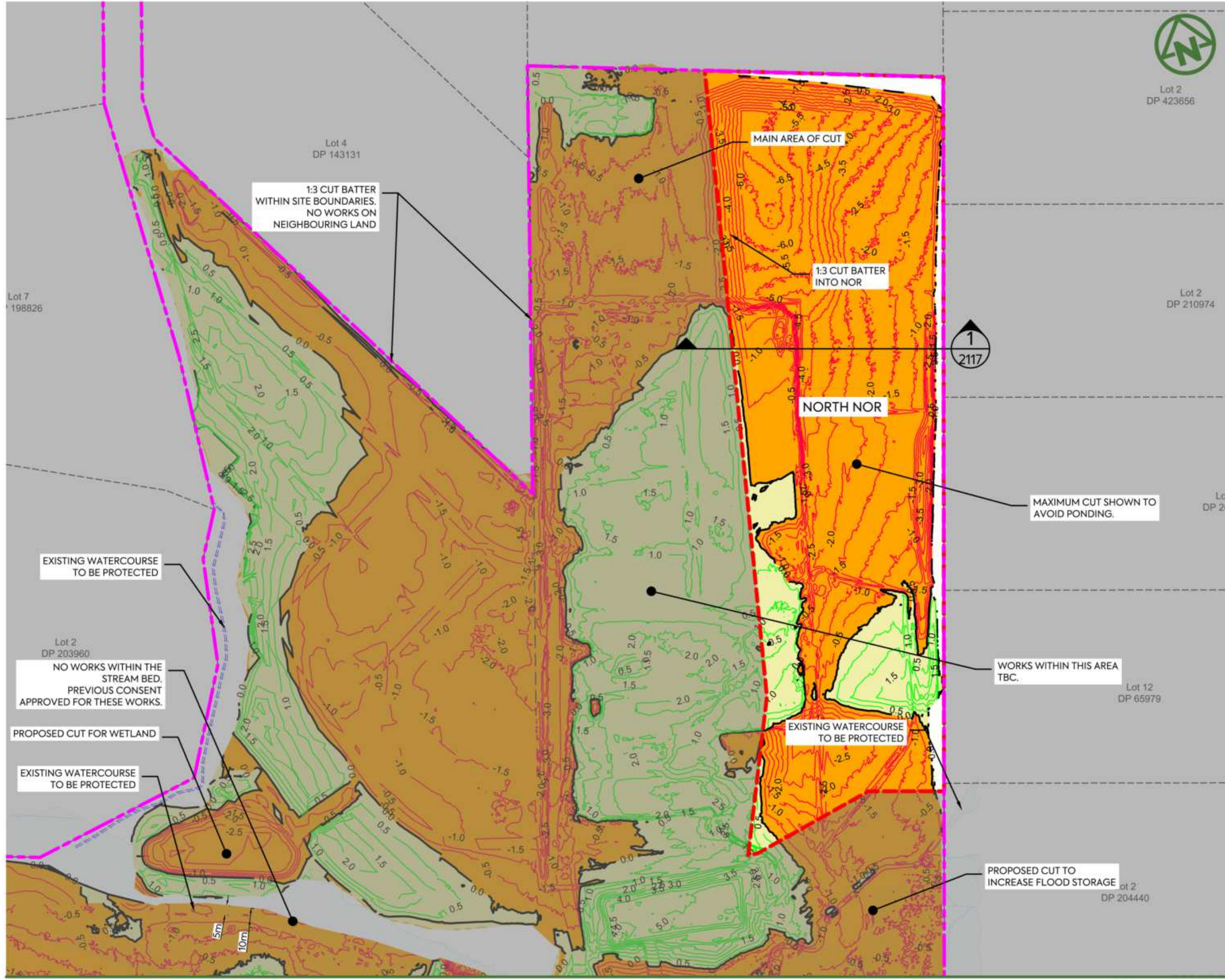
LEGEND:

- SITE BOUNDARY
- EARTHWORK STAGE BOUNDARY
- PROPOSED FILL
- PROPOSED CUT
- PROPOSED FILL (MAJOR CONTOUR)
- PROPOSED CUT (MAJOR CONTOUR)
- CUT/FILL (ZERO CONTOUR)
- CADASTRAL BOUNDARY
- 100yr ARI FLOOD PLAIN



SUBGRADE LEVEL AS CALCULATED BY MCKENZIE&CO. 200mm LESS THAN FGL

TYPICAL RAFT SETDOWN - NOVAK + MIDDLETON DETAIL



Lot 2
DP 423656

NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL), THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE:
- SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
- SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
3. **NORTH NOR EARTHWORK VOLUMES**
VOLUME OF CUT: - 79,958 m³
VOLUME OF FILL: + 4,235 m³
BALANCE: - 75,723 m³
AREA: 40,873 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
6. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

- SITE BOUNDARY ---
- EARTHWORK STAGE BOUNDARY ---
- PROPOSED FILL
- PROPOSED CUT
- PROPOSED FILL (MAJOR CONTOUR) ---
- PROPOSED CUT (MAJOR CONTOUR) ---
- CUT/FILL (ZERO CONTOUR) ---
- CADASTRAL BOUNDARY ---
- 100yr ARI FLOOD PLAIN

CLIENT: PROJECT: TITLE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

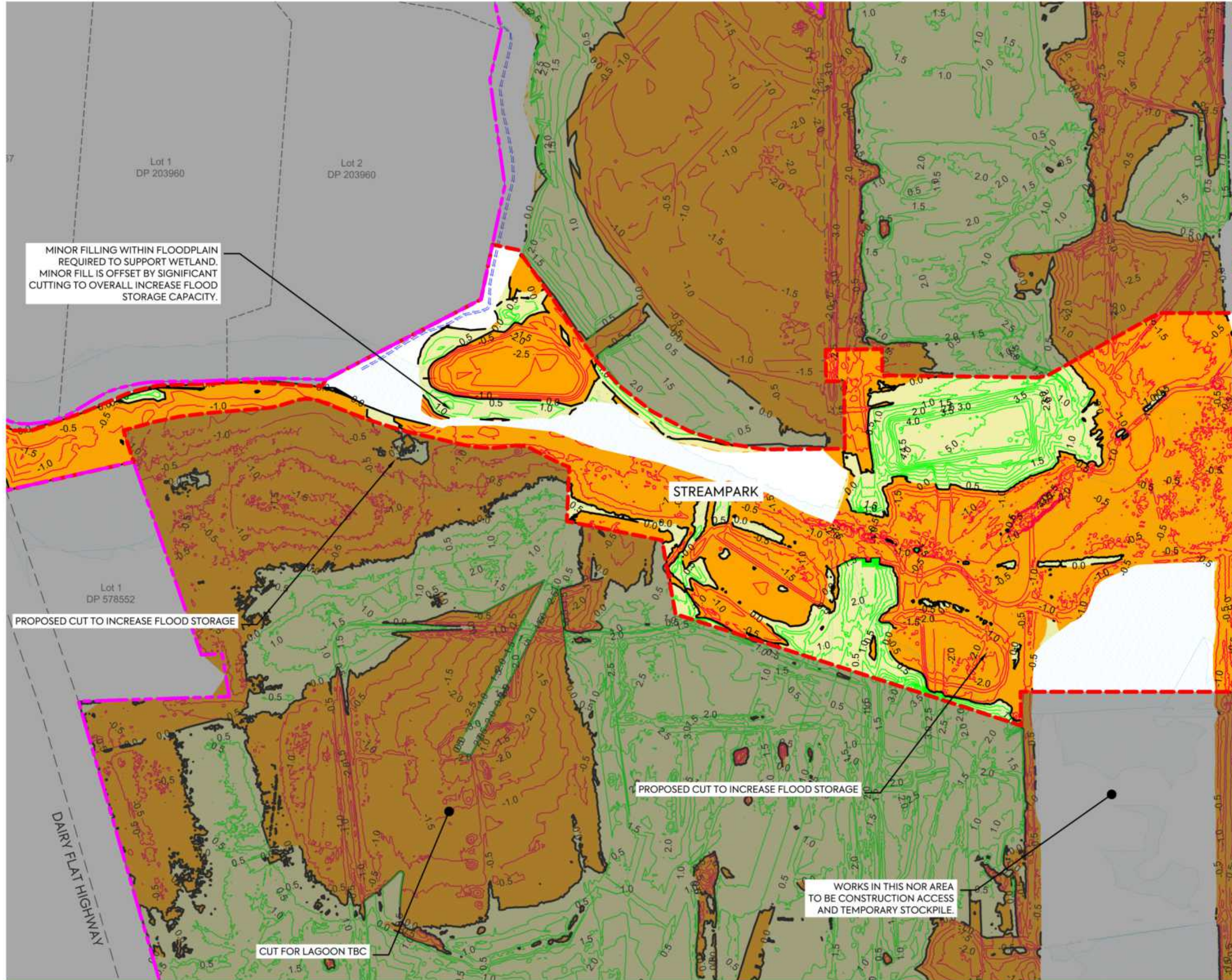
EARTHWORKS
CUT FILL PLAN
SHEET 4

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:2000
DO NOT SCALE
DRAWING NO: **3325-2-2104** REV: **B**



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
B	DRAWINGS UPDATE	NS	SL	SL	11/01/26
A	FIRST ISSUE	AL	SL	SL	07/11/25



NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL), THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE:
- SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
- SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
3. TOTAL EARTHWORK VOLUMES WITHIN STREAMPARK
VOLUME OF CUT: - 28,819m³
VOLUME OF FILL: + 20,062 m³
BALANCE: - 8,757 m³
AREA: 61,078 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
6. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

- SITE BOUNDARY
- EARTHWORK STAGE BOUNDARY
- PROPOSED FILL
- PROPOSED CUT
- PROPOSED FILL (MAJOR CONTOUR)
- PROPOSED CUT (MAJOR CONTOUR)
- CUT/FILL (ZERO CONTOUR)
- CADASTRAL BOUNDARY
- 100yr ARI FLOOD PLAIN

CLIENT: PROJECT: TITLE:

PURPOSE OF ISSUE:



AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
CUT FILL PLAN
SHEET 5

FOR RESOURCE CONSENT

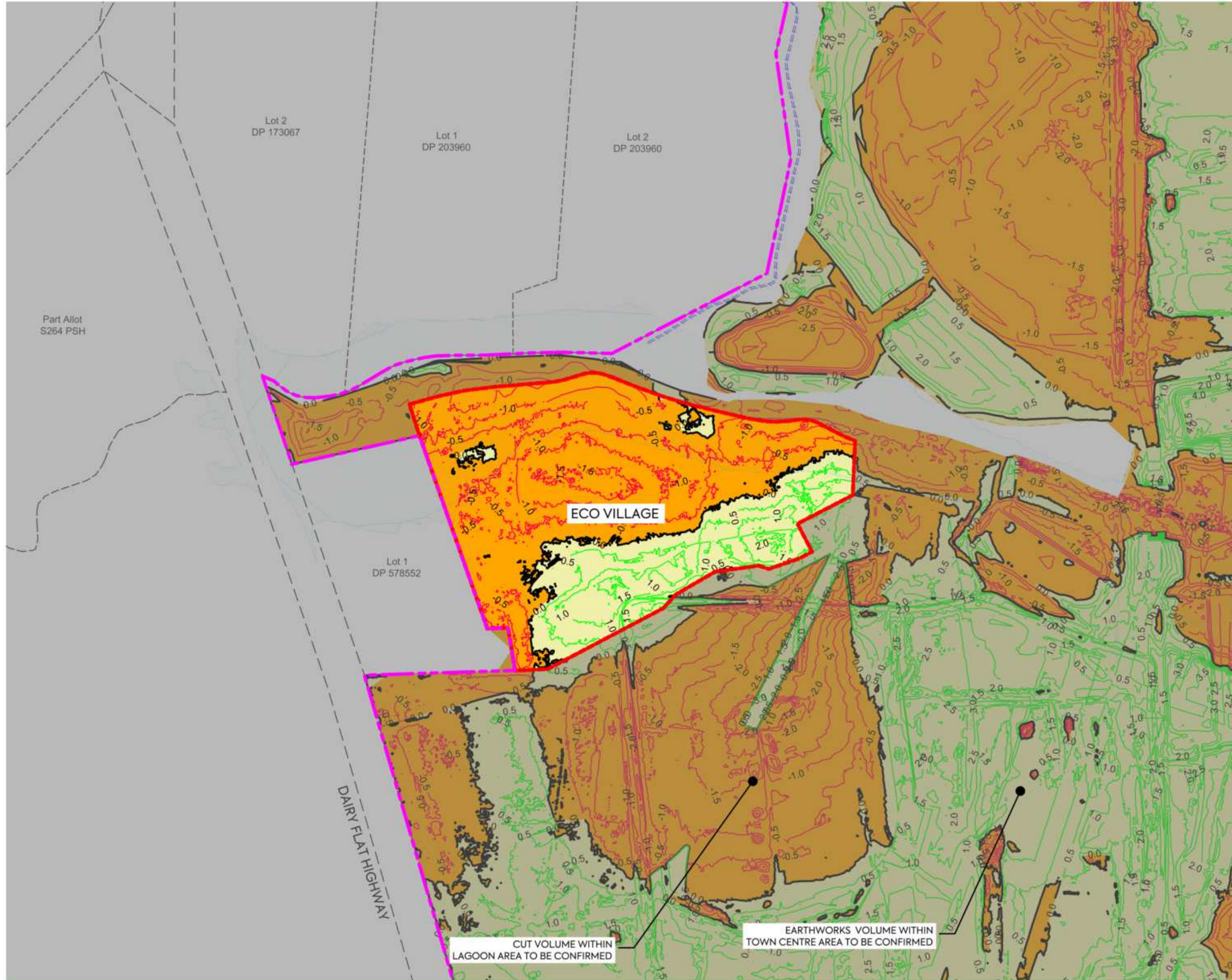
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DO NOT SCALE

DRAWING NO:
3325-2-2105

REV:
A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	SL	SL	07/11/25



NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL), THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE:
- SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
- SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
3. ECO VILLAGE EARTHWORK VOLUMES
VOLUME OF CUT: -9,062 m³
VOLUME OF FILL: +5,102 m³
BALANCE: -3,959 m³
AREA: 22,082 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
5. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

SITE BOUNDARY	
EARTHWORK STAGE BOUNDARY	
PROPOSED FILL	
PROPOSED CUT	
PROPOSED FILL (MAJOR CONTOUR)	
PROPOSED CUT (MAJOR CONTOUR)	
CUT/FILL (ZERO CONTOUR)	
CADASTRAL BOUNDARY	
100yr ARI FLOOD PLAIN	

CLIENT: PROJECT: TITLE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
CUT FILL PLAN
SHEET 6

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

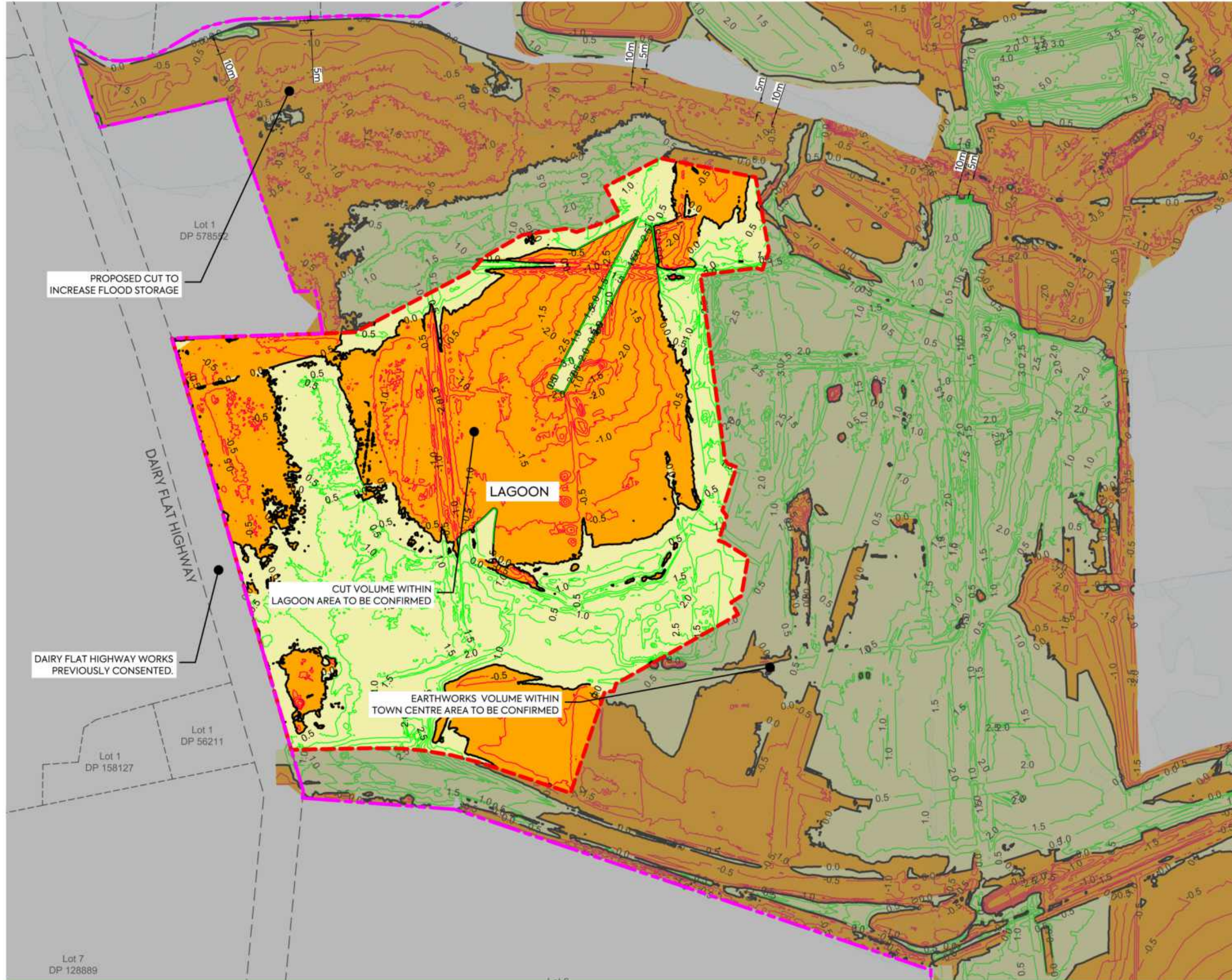
SCALE:
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DO NOT SCALE

DRAWING NO. REV:
3325-2-2106 A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	SL	SL	07/11/25



NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL), THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE:
- SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
- SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
3. LAGOON EARTHWORK VOLUMES
VOLUME OF CUT: - 26,898 m³
VOLUME OF FILL: + 26,397 m³
BALANCE: - 500 m³
AREA: 63,255 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
5. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

SITE BOUNDARY	
EARTHWORK STAGE BOUNDARY	
PROPOSED FILL	
PROPOSED CUT	
PROPOSED FILL (MAJOR CONTOUR)	
PROPOSED CUT (MAJOR CONTOUR)	
CUT/FILL (ZERO CONTOUR)	
CADASTRAL BOUNDARY	
100yr ARI FLOOD PLAIN	

CLIENT: PROJECT: TITLE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
CUT FILL PLAN
SHEET 7

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:2000

DO NOT SCALE
DRAWING NO:
3325-2-2107

REV:
A



A	FIRST ISSUE	AL	SL	SL	07/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE



NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL), THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE:
- SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
- SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
3. TOWNCENTER EARTHWORK VOLUMES
VOLUME OF CUT: -4,920 m³
VOLUME OF FILL: +31,262 m³
BALANCE: +26,342 m³
AREA: 39,703 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
5. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

SITE BOUNDARY	
EARTHWORKS STAGE BOUNDARY	
PROPOSED FILL	
PROPOSED CUT	
PROPOSED FILL (MAJOR CONTOUR)	
PROPOSED CUT (MAJOR CONTOUR)	
CUT/FILL (ZERO CONTOUR)	
CADASTRAL BOUNDARY	
100yr ARI FLOOD PLAIN	

CLIENT: PROJECT: TITLE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

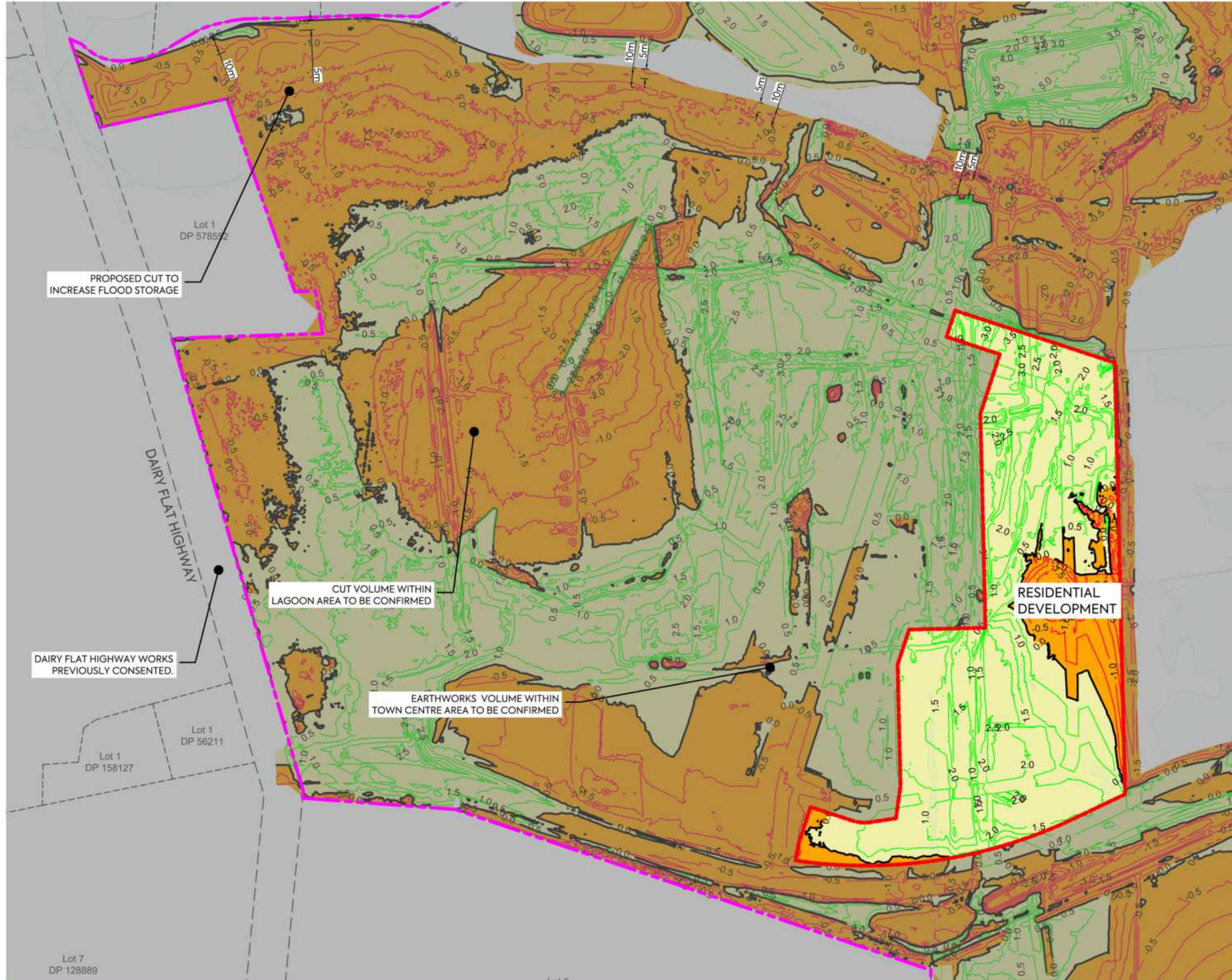
EARTHWORKS
CUT FILL PLAN
SHEET 8

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:2000
DO NOT SCALE
DRAWING NO:
3325-2-2108
REV:
A



A	FIRST ISSUE	AL	SL	SL	07/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE



NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL), THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE.
- SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
- SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
3. RESIDENTIAL DEVELOPMENT EARTHWORK VOLUMES
VOLUME OF CUT: - 2,641 m³
VOLUME OF FILL: + 24,031 m³
BALANCE: + 21,390 m³
AREA: 24,395 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
5. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

SITE BOUNDARY	
EARTHWORK STAGE BOUNDARY	
PROPOSED FILL	
PROPOSED CUT	
PROPOSED FILL (MAJOR CONTOUR)	
PROPOSED CUT (MAJOR CONTOUR)	
CUT/FILL (ZERO CONTOUR)	
CADASTRAL BOUNDARY	
100yr ARI FLOOD PLAIN	

CLIENT: PROJECT: TITLE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
CUT FILL PLAN
SHEET 9

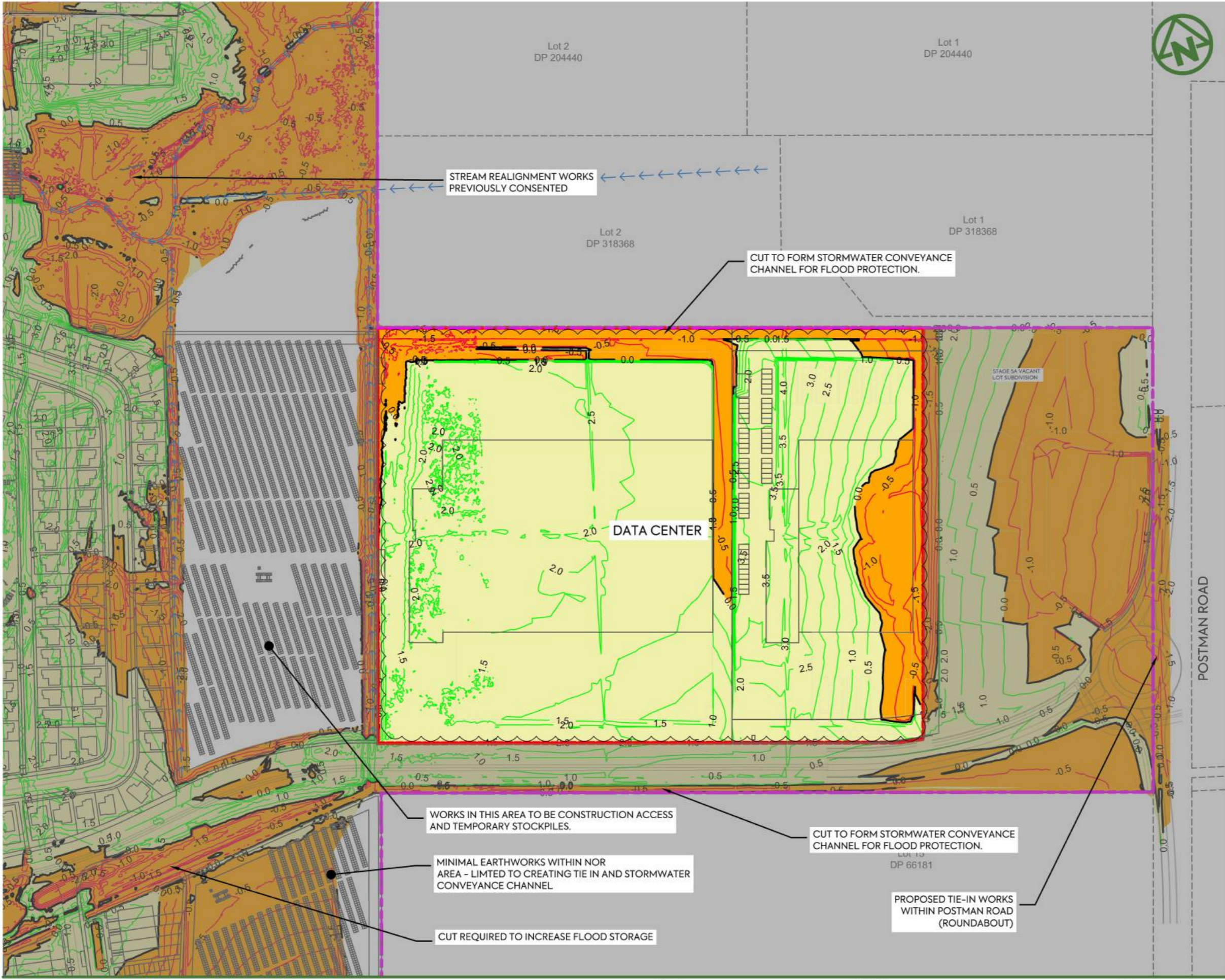
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:2000

DO NOT SCALE
DRAWING NO. REV:
3325-2-2109 A



A	FIRST ISSUE	AL	SL	SL	07/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE



NOTES:

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- CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE.
 - SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
 - SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
- DATA CENTER EARTHWORK VOLUMES**
 VOLUME OF CUT: - 8,000 m³
 VOLUME OF FILL: + 90,500 m³
 BALANCE: + 82,500 m³
 AREA: 64,100 m²
- NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
- TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

- SITE BOUNDARY
- EARTHWORK STAGE BOUNDARY
- PROPOSED FILL
- PROPOSED CUT
- PROPOSED FILL (MAJOR CONTOUR)
- PROPOSED CUT (MAJOR CONTOUR)
- CUT/FILL (ZERO CONTOUR)
- CADASTRAL BOUNDARY
- 100yr ARI FLOOD PLAIN

STREAM REALIGNMENT WORKS PREVIOUSLY CONSENTED

CUT TO FORM STORMWATER CONVEYANCE CHANNEL FOR FLOOD PROTECTION.

DATA CENTER

STAGE SA VACANT LOT SUBDIVISION

POSTMAN ROAD

WORKS IN THIS AREA TO BE CONSTRUCTION ACCESS AND TEMPORARY STOCKPILES.

MINIMAL EARTHWORKS WITHIN NOR AREA - LIMITED TO CREATING TIE IN AND STORMWATER CONVEYANCE CHANNEL

CUT REQUIRED TO INCREASE FLOOD STORAGE

CUT TO FORM STORMWATER CONVEYANCE CHANNEL FOR FLOOD PROTECTION.

PROPOSED TIE-IN WORKS WITHIN POSTMAN ROAD (ROUNDBOUT)

CLIENT: PROJECT: TITLE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
CUT FILL PLAN
SHEET 10

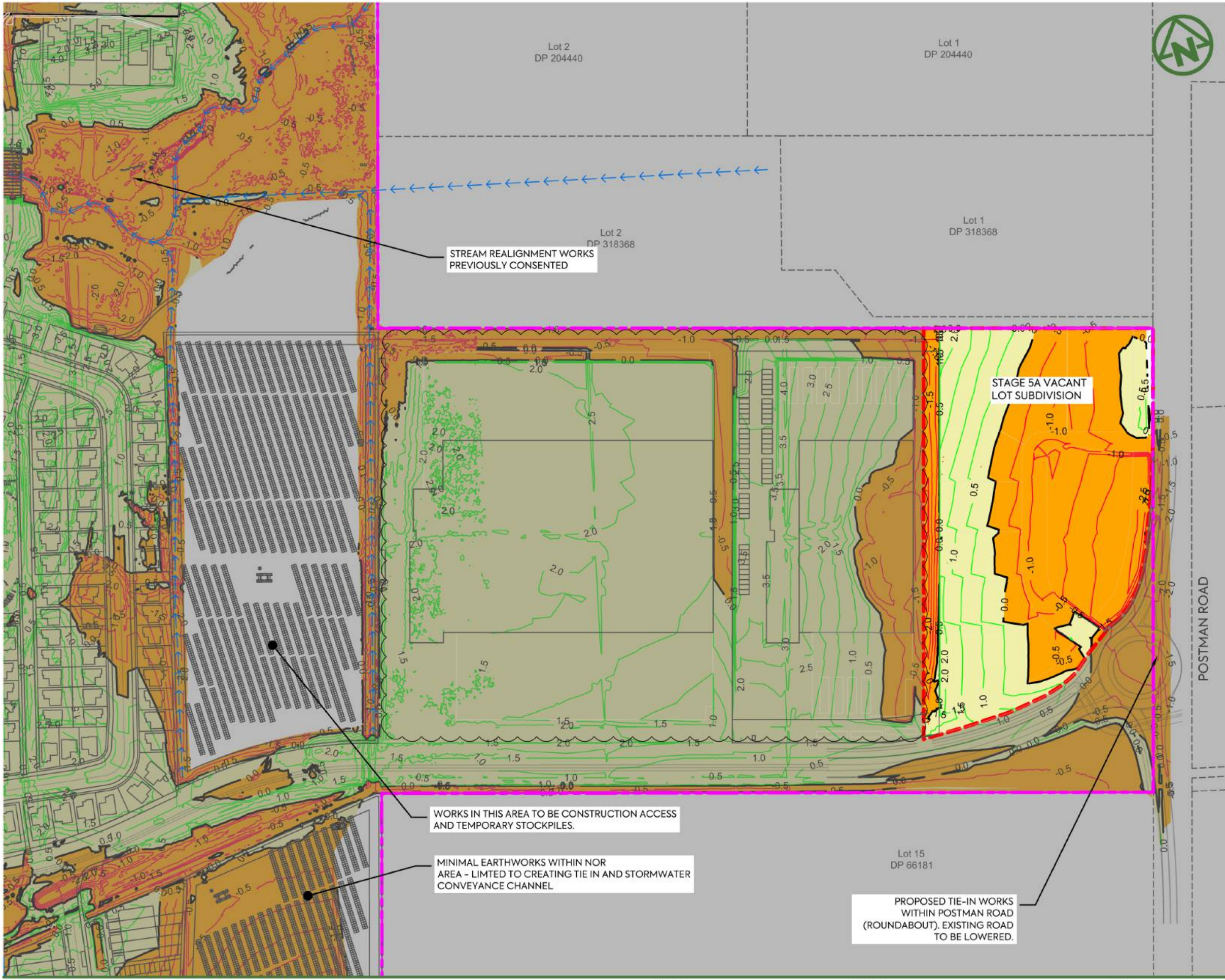
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:2000
DO NOT SCALE

DRAWING NO.: 3325-2-2110 REV: D

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	UPDATED DRAWING	PK	SL	JK	08/06/26
C	UPDATED MASTERPLAN	SL	SL	SL	24/04/26
B	DATA CENTRE RE-DESIGN	DK	SL	-	08/12/25
A	FIRST ISSUE	AL	SL	SL	07/11/25





NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE.
 - SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
 - SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
3. LIGHT INDUSTRY EARTHWORK VOLUMES
 VOLUME OF CUT: - 5,681 m³
 VOLUME OF FILL: + 8,453 m³
 BALANCE: + 2,772 m³
 AREA: 21,901 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
5. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

- SITE BOUNDARY
- EARTHWORK STAGE BOUNDARY
- PROPOSED FILL
- PROPOSED CUT
- PROPOSED FILL (MAJOR CONTOUR)
- PROPOSED CUT (MAJOR CONTOUR)
- CUT/FILL (ZERO CONTOUR)
- CADASTRAL BOUNDARY
- 100yr ARI FLOOD PLAIN

STREAM REALIGNMENT WORKS PREVIOUSLY CONSENTED

STAGE 5A VACANT LOT SUBDIVISION

WORKS IN THIS AREA TO BE CONSTRUCTION ACCESS AND TEMPORARY STOCKPILES.

MINIMAL EARTHWORKS WITHIN NOR AREA - LIMITED TO CREATING TIE IN AND STORMWATER CONVEYANCE CHANNEL

PROPOSED TIE-IN WORKS WITHIN POSTMAN ROAD (ROUNDAABOUT). EXISTING ROAD TO BE LOWERED.

POSTMAN ROAD

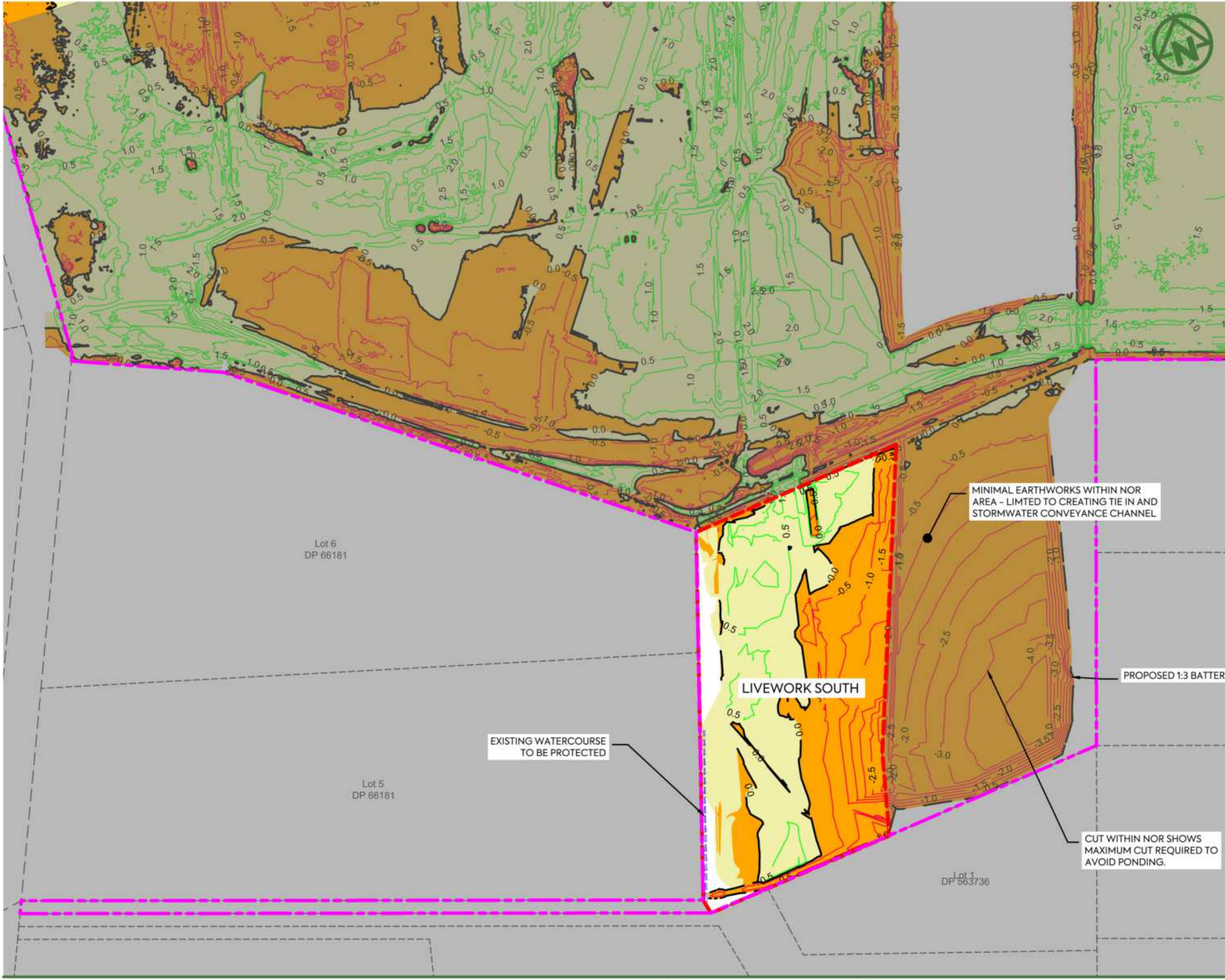
CLIENT: PROJECT: TITLE: PURPOSE OF ISSUE:

AW HOLDINGS 2021 LIMITED AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND EARTHWORKS CUT FILL PLAN SHEET 11 FOR RESOURCE CONSENT

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	DRAWING UPDATES	PO	SL	JK	08/06/26
C	UPDATED MASTERPLAN	SL	SL	SL	24/04/26
B	DATA CENTRE RE-DESIGN	DK	SL	-	08/12/25
A	FIRST ISSUE	AL	SL	SL	07/11/25



SCALE: 1:2000
DO NOT SCALE
DRAWING NO: 3325-2-2111
REV: D



NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE.
 - SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
 - SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
3. **LIVEWORK SOUTH EARTHWORK VOLUMES**
 VOLUME OF CUT: - 5,514 m³
 VOLUME OF FILL: + 5,997 m³
 BALANCE: + 483 m³
 AREA: 19,865 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
5. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

SITE BOUNDARY	
EARTHWORK STAGE BOUNDARY	
PROPOSED FILL	
PROPOSED CUT	
PROPOSED FILL (MAJOR CONTOUR)	
PROPOSED CUT (MAJOR CONTOUR)	
CUT/FILL (ZERO CONTOUR)	
CADASTRAL BOUNDARY	
100yr ARI FLOOD PLAIN	

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS CUT FILL PLAN SHEET 12

PURPOSE OF ISSUE: FOR RESOURCE CONSENT

SCALE: 1:2000
DO NOT SCALE

DRAWING NO: 3325-2-2112 REV: A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	SL	SL	07/11/25



NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE.
 - SUBGRADE LEVEL ASSUMED 250 mm BELOW DESIGN SURFACE FOR LOTS, ROAD BERMS, AND FOOTPATHS.
 - SUBGRADE LEVEL ASSUMED 500 mm BELOW DESIGN SURFACE FOR PUBLIC CARRIAGEWAYS.
3. SOUTH NOR EARTHWORK VOLUMES
 VOLUME OF CUT: - 31,135 m³
 VOLUME OF FILL: + 250 m³
 BALANCE: - 30,884 m³
 AREA: 21,939 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
5. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

SITE BOUNDARY	
EARTHWORK STAGE BOUNDARY	
PROPOSED FILL	
PROPOSED CUT	
PROPOSED FILL (MAJOR CONTOUR)	
PROPOSED CUT (MAJOR CONTOUR)	
CUT/FILL (ZERO CONTOUR)	
CADASTRAL BOUNDARY	
100yr ARI FLOOD PLAIN	

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS CUT FILL PLAN SHEET 13

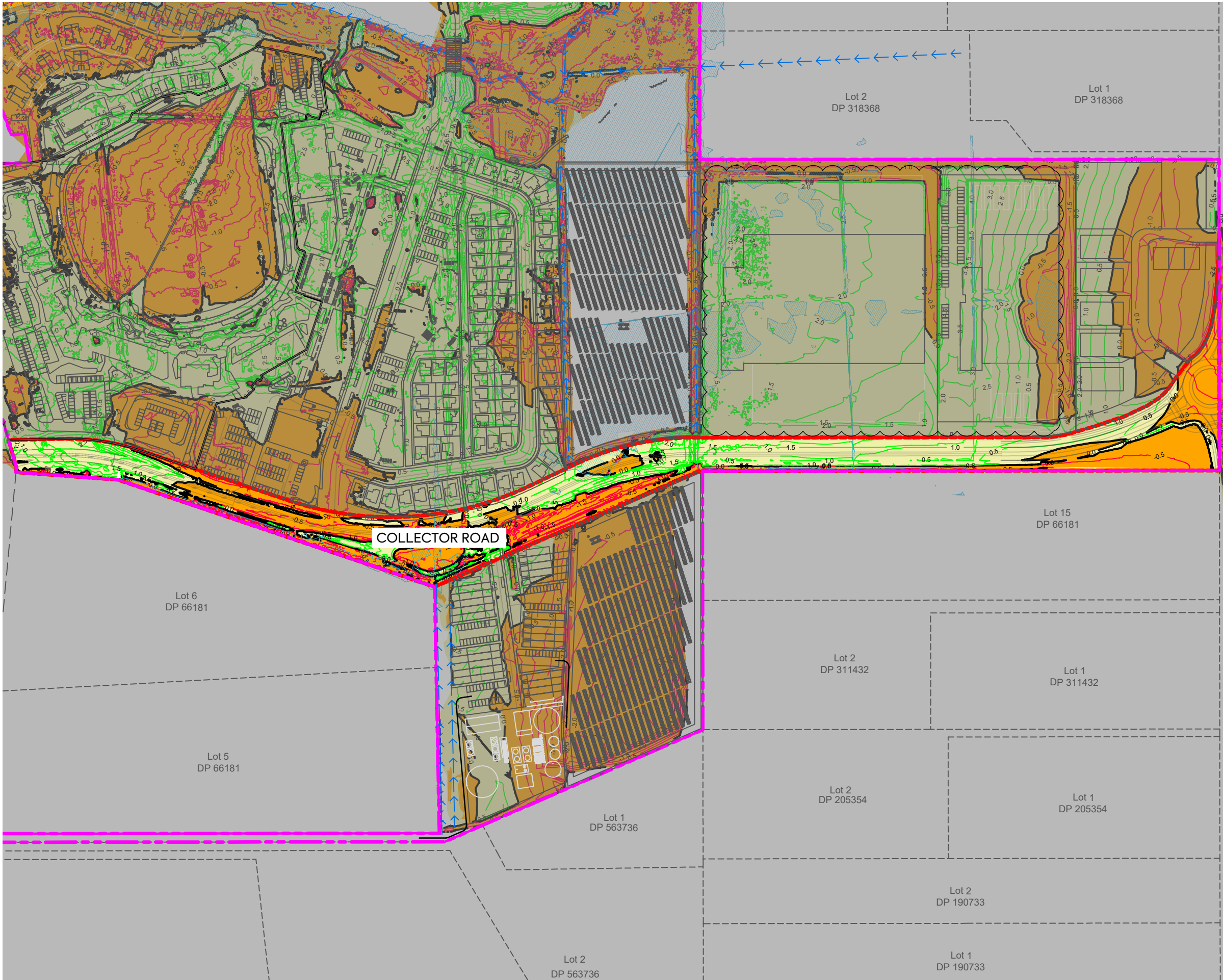
PURPOSE OF ISSUE: FOR RESOURCE CONSENT

SCALE: 1:2000
DO NOT SCALE

DRAWING NO: 3325-2-2113 REV: A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	SL	SL	07/11/25



NOTES:

1. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL). THE CONTOUR INTERVAL IS: 0.50m
2. CUT / FILL BETWEEN AS-BUILT SURFACE (SURVEYED BY MCCL IN JUNE 2025) AND ASSUMED TOPSOIL STRIPPING FOR AREAS NOT PREVIOUSLY WORKED, STAGE 2 SUBGRADE SURFACE.
- SUBGRADE LEVEL ASSUMED **250 mm BELOW DESIGN SURFACE** FOR LOTS, ROAD BERMS, AND FOOTPATHS.
- SUBGRADE LEVEL ASSUMED **500 mm BELOW DESIGN SURFACE** FOR PUBLIC CARRIAGEWAYS.
3. **COLLECTOR ROAD EARTHWORK VOLUMES**
VOLUME OF CUT: - 6,653 m³
VOLUME OF FILL: + 19,056 m³
BALANCE: + 12,403 m³
AREA: 34,130 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
5. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

- SITE BOUNDARY
- EARTHWORK STAGE BOUNDARY
- PROPOSED FILL
- PROPOSED CUT
- PROPOSED FILL (MAJOR CONTOUR)
- PROPOSED CUT (MAJOR CONTOUR)
- CUT/FILL (ZERO CONTOUR)
- CADASTRAL BOUNDARY
- 100yr ARI FLOOD PLAIN

CLIENT:

AW HOLDINGS 2021 LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

EARTHWORKS
CUT FILL PLAN
SHEET 14

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:3000

DO NOT SCALE

DRAWING NO.:

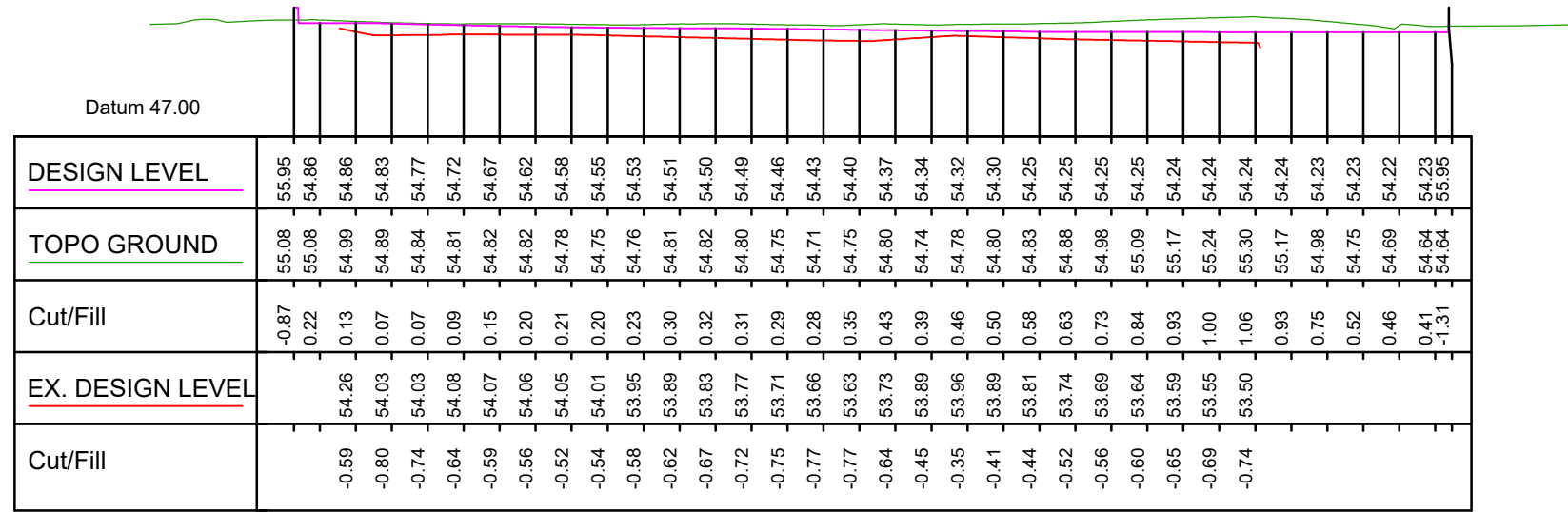
3325-2-2114

REV:

C

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
c	UPDATED MASTERPLAN	SL	SL	SL	24/04/26
B	DATA CENTRE RE-DESIGN	DK	SL	-	08/12/25
A	FIRST ISSUE	AL	SL	SL	07/11/25

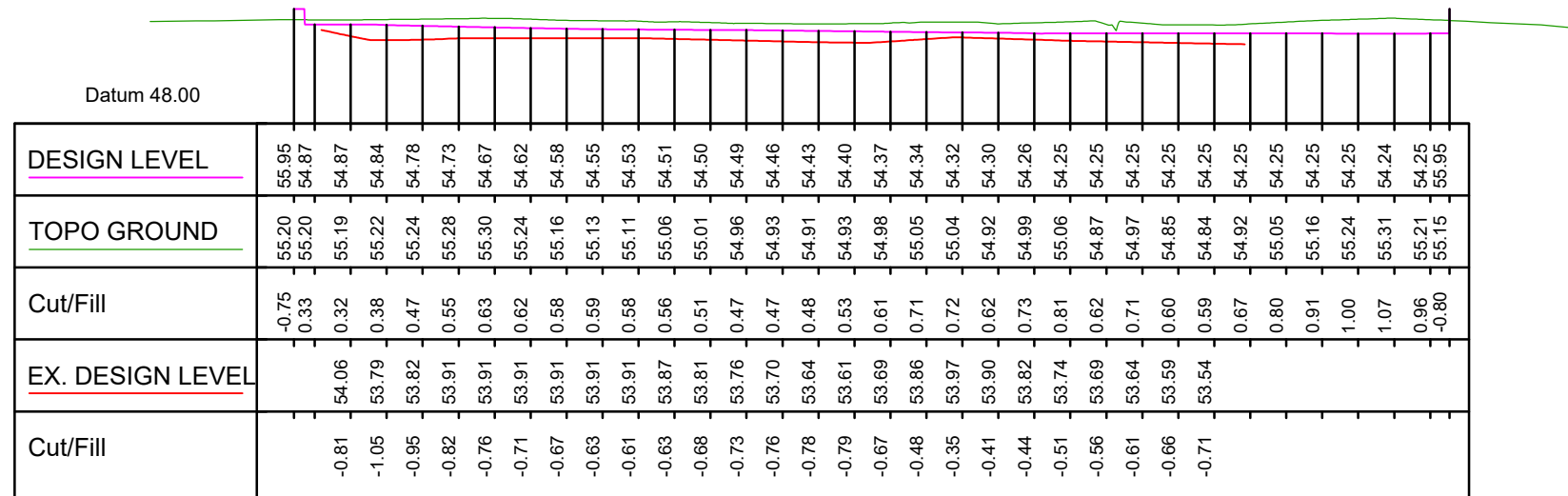




LONGITUDINAL SECTION C

SCALE: HORIZ=1:1000

VERT=1:500



LONGITUDINAL SECTION D

SCALE: HORIZ=1:1000

VERT=1:500



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
LAGOON OPTIONAL DESIGN
EARTHWORK SECTION
SHEET 1

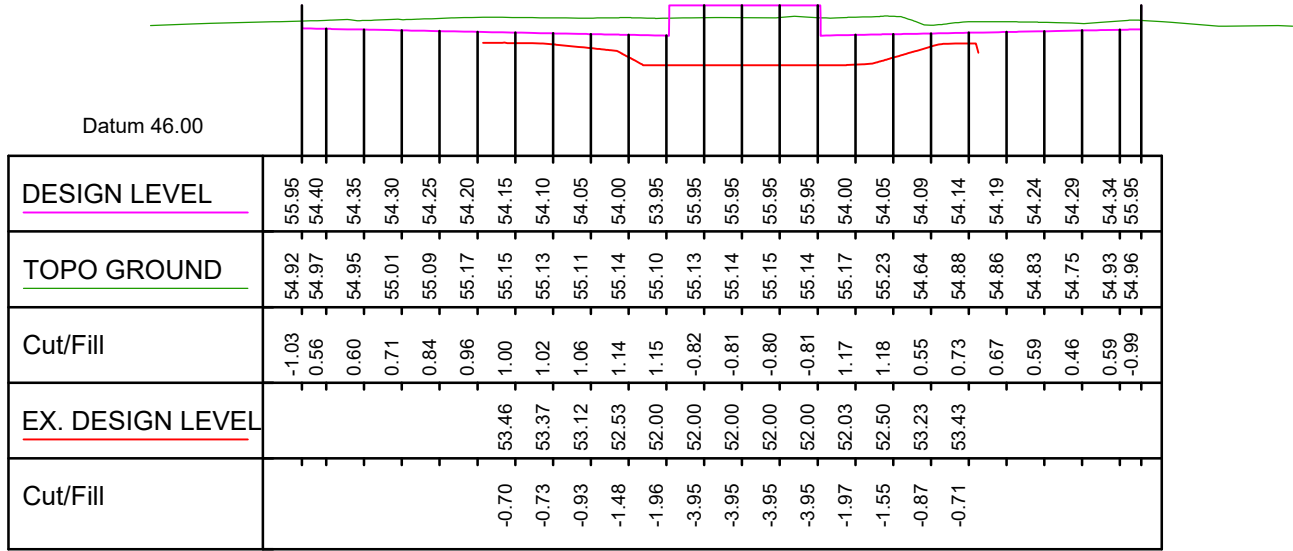
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
AS SHOWN
DO NOT SCALE

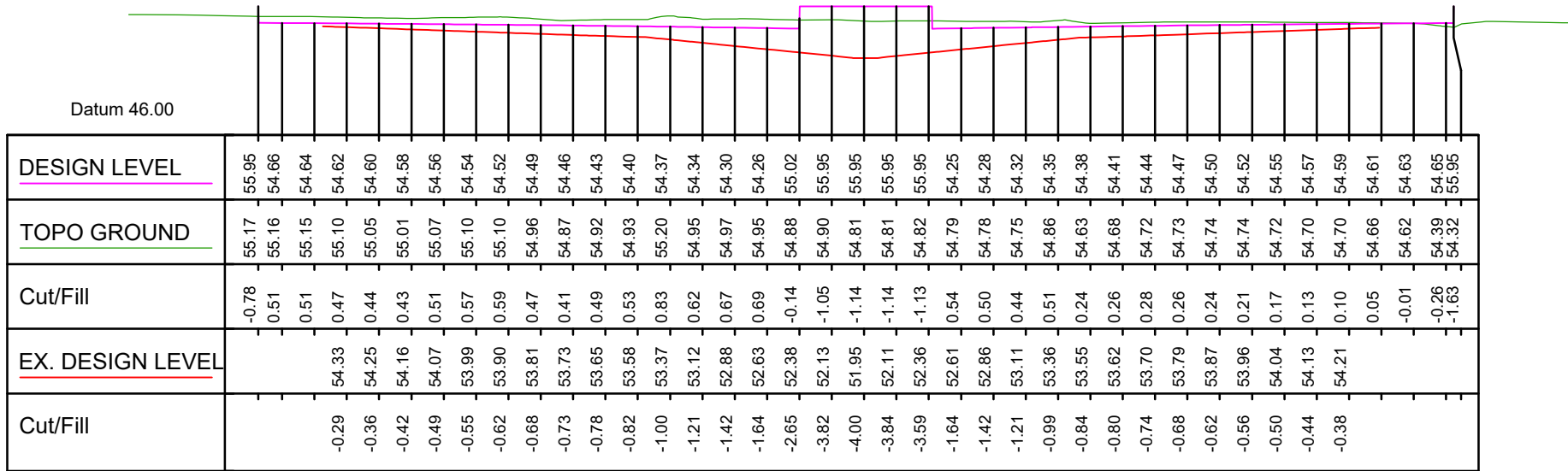
DRAWING NO:
3325-2-2115

REV:
A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	SL	SL	07/11/25



LONGITUDINAL SECTION A
SCALE: HORIZ=1:1000
VERT=1:500



LONGITUDINAL SECTION B
SCALE: HORIZ=1:1000
VERT=1:500



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
LAGOON OPTIONAL DESIGN
EARTHWORK SECTION
SHEET 2

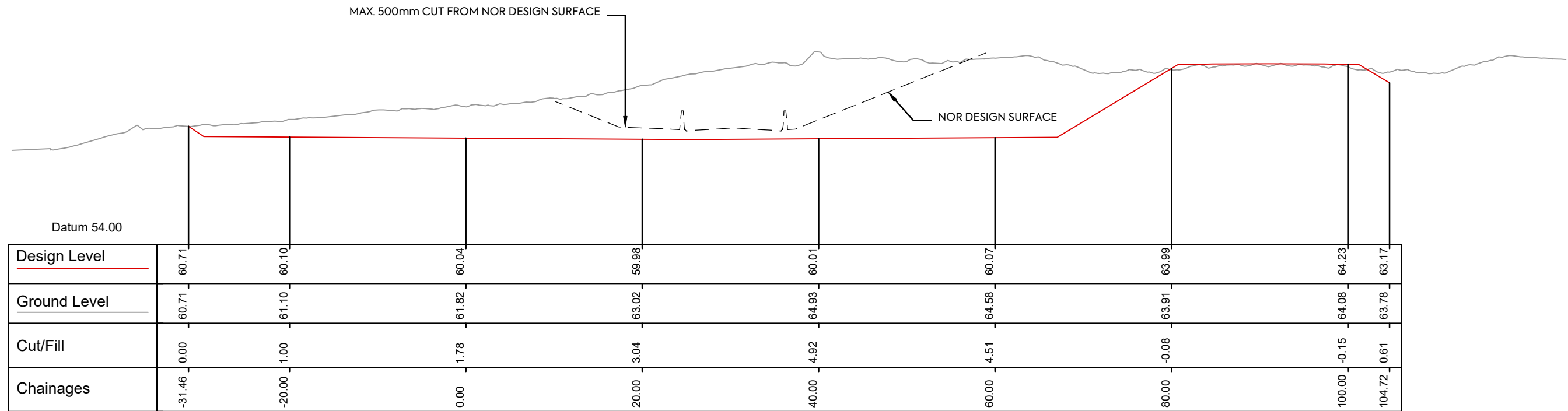
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
AS SHOWN
DO NOT SCALE

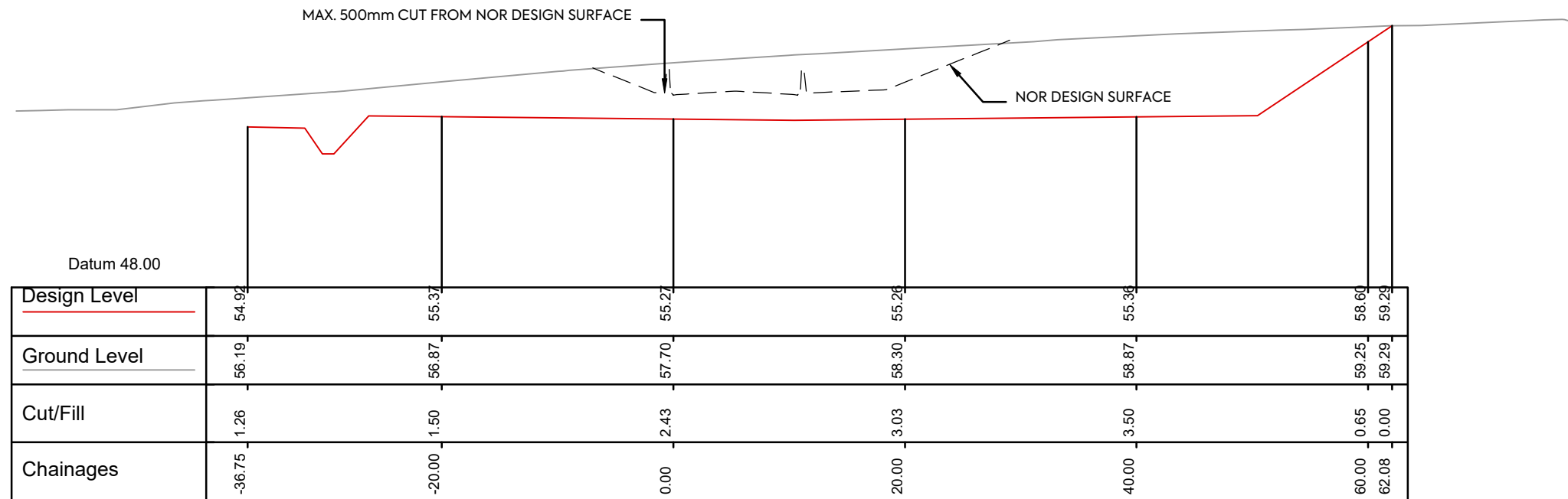
DRAWING NO:
3325-2-2116

REV:
A

A	FIRST ISSUE	AL	SL	SL	07/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE



AS PER SHEET 2104
 NOR NOTRH EARTHWORK - TYPICAL SECTION
 SCALE: HORIZ=1:500
 VERT=1:250



AS PER SHEET 2113
 NOR SOUTH EARTHWORK - TYPICAL SECTION
 SCALE: HORIZ=1:500
 VERT=1:250



AW HOLDINGS 2021
 LIMITED

AUCKLAND SURF PARK
 1350 DAIRY FLAT HIGHWAY
 DAIRY FLAT, AUCKLAND

EARTHWORKS
 LAGOON OPTIONAL DESIGN
 EARTHWORK SECTION
 SHEET 3

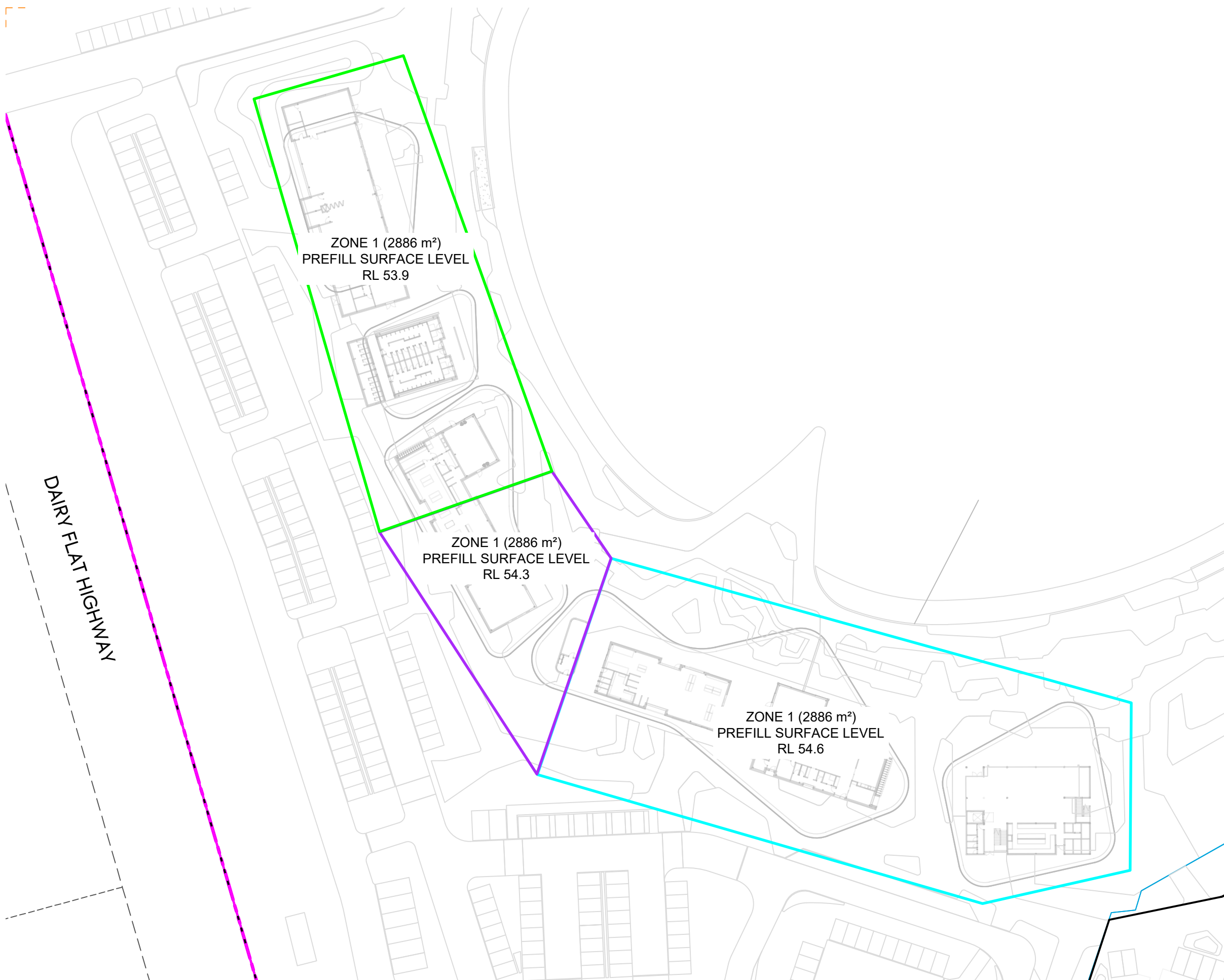
PURPOSE OF ISSUE:
 FOR RESOURCE CONSENT
 SCALE:
 AS SHOWN
 DO NOT SCALE
 DRAWING NO:
 3325-2-2117
 REV:
 A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	SL	SL	07/11/25



NOTES:

1. PREFILL SURFACE LEVEL AND AREA EXTENT EXTRACTED FROM GEOTECHNICAL CONSULTANT, INITIA, PROJECT P-001537, NO. 1537-1-M02-.2 REV A.



DAIRY FLAT HIGHWAY

ZONE 1 (2886 m²)
PREFILL SURFACE LEVEL
RL 53.9

ZONE 1 (2886 m²)
PREFILL SURFACE LEVEL
RL 54.3

ZONE 1 (2886 m²)
PREFILL SURFACE LEVEL
RL 54.6

CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

EARTHWORKS
GROUND IMPROVEMENT
PREFILL PLAN

PURPOSE OF ISSUE:

FOR INFORMATION

SCALE:
1:750 @ A3

DO NOT SCALE

DRAWING NO.:

3325-2-2150

REV:

A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	DK	SL	04/02/26

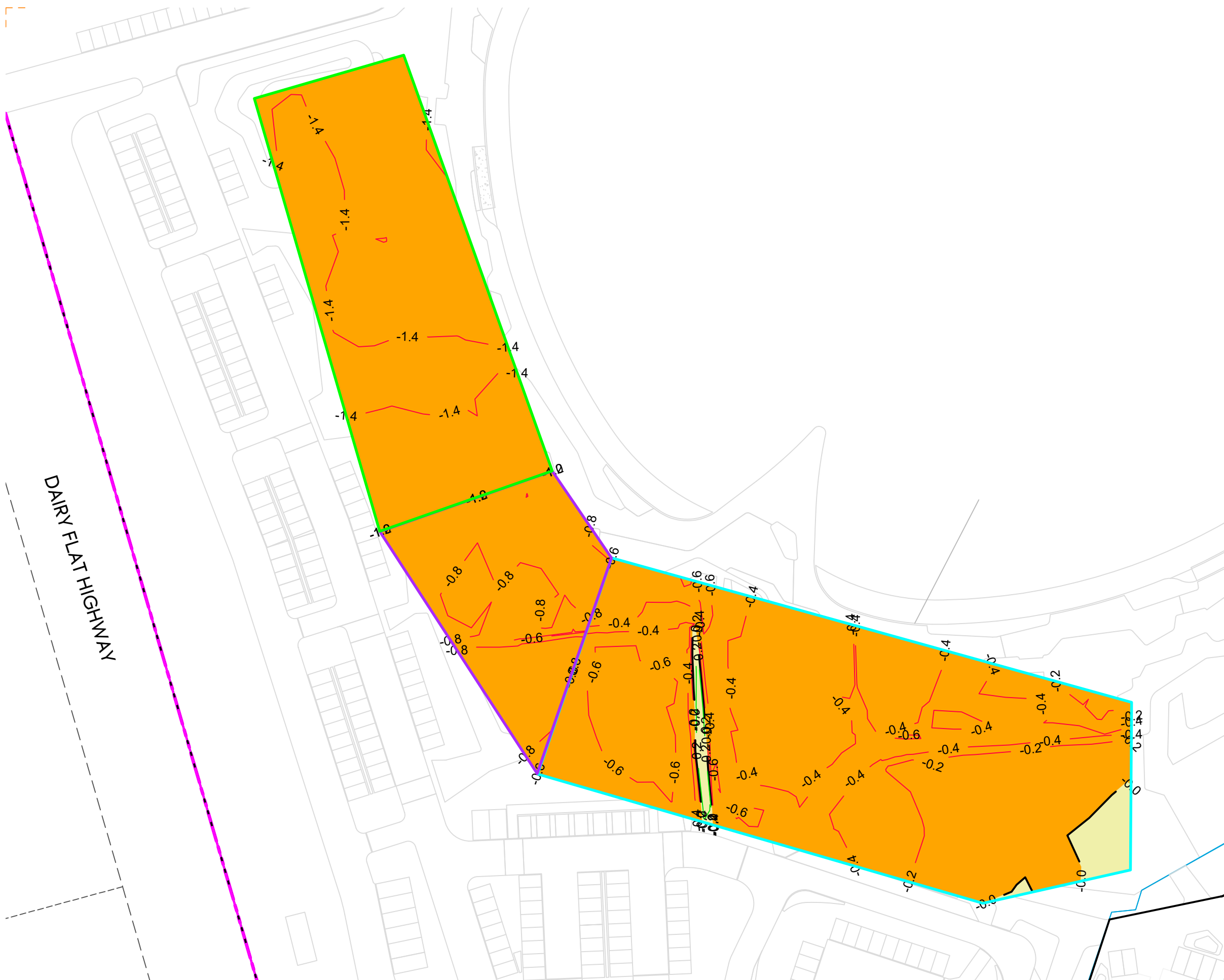


NOTES:

1. PREFILL SURFACE LEVEL AND AREA EXTENT EXTRACTED FROM GEOTECHNICAL CONSULTANT, INITIA, PROJECT P-001537, NO. 1537-1-M02-2 REV A.
2. EARTHWORK DEPTH AND QUANTITY MEASURED BETWEEN DESIGN PREFILL SURFACE AND EXISTING UNSTRIPPED GROUND SURFACE.
3. EARTHWORK QUANTITY IN SOLID MEASURE.
CUT 6680 m³
FILL 0 m³

LEGEND:

- SITE BOUNDARY
- EARTHWORK STAGE BOUNDARY
- PROPOSED FILL
- PROPOSED CUT
- PROPOSED FILL (MAJOR CONTOUR)
- PROPOSED CUT (MAJOR CONTOUR)
- CUT/FILL (ZERO CONTOUR)
- CADASTRAL BOUNDARY



DAIRY FLAT HIGHWAY

CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

EARTHWORKS
GROUND IMPROVEMENT
CUT FILL PLAN

PURPOSE OF ISSUE:

FOR INFORMATION

SCALE:
1:750 @ A3

DO NOT SCALE

DRAWING NO:

3325-2-2151

REV:

A






REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	DK	SL	04/02/26

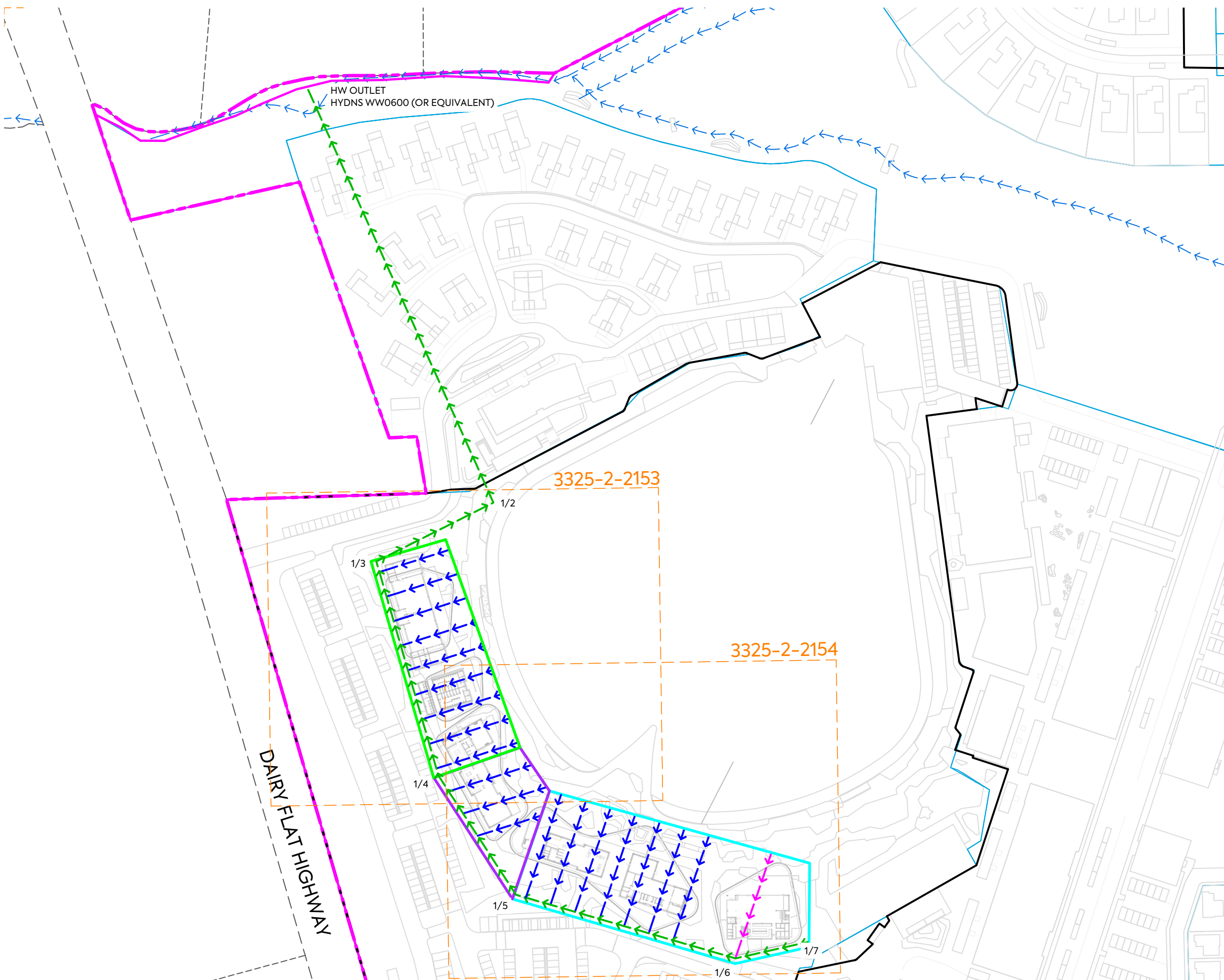


NOTES:

1. THE SUBSOIL DRAIN LAYOUT WAS PROVIDED FOR GEOTECHNICAL CONSULTANT REVIEW ONLY. IT IS NOT FORM ANY PART OF CONSTRUCTION ISSUE.
2. THE SUBSOIL DAIN DESIGN WAS INTERGRAL WITH GEOTECHNICAL ADVICE, AS PER INITIA'S REPORT, PROJECT P-001537, NO. 1537-1-M02-2 REV A.
3. TRENCHING AND JUNCTION DETAILS REFERS TO DRAWINGS 2152 AND 2153, PANEL INFORMATION AT RIGHT.

LEGEND:

- SUBSOIL DRAIN 110Ø PERFORATED @ MIN 1% (AT 10m INTERVAL C/C) 
- SUBSOIL DRAIN TWIN 160Ø NON-PERFORATED 
- SUBSOIL DRAIN TWIN 160Ø PERFORATED 



CLIENT:

AW HOLDINGS 2021 LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

EARTHWORKS
GROUND IMPROVEMENT
SUBSOIL DRAIN

PURPOSE OF ISSUE:

FOR INFORMATION

SCALE:
1:1500 @ A3

DO NOT SCALE

DRAWING NO:
3325-2-2152

REV:
A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	DK	SL	04/02/26

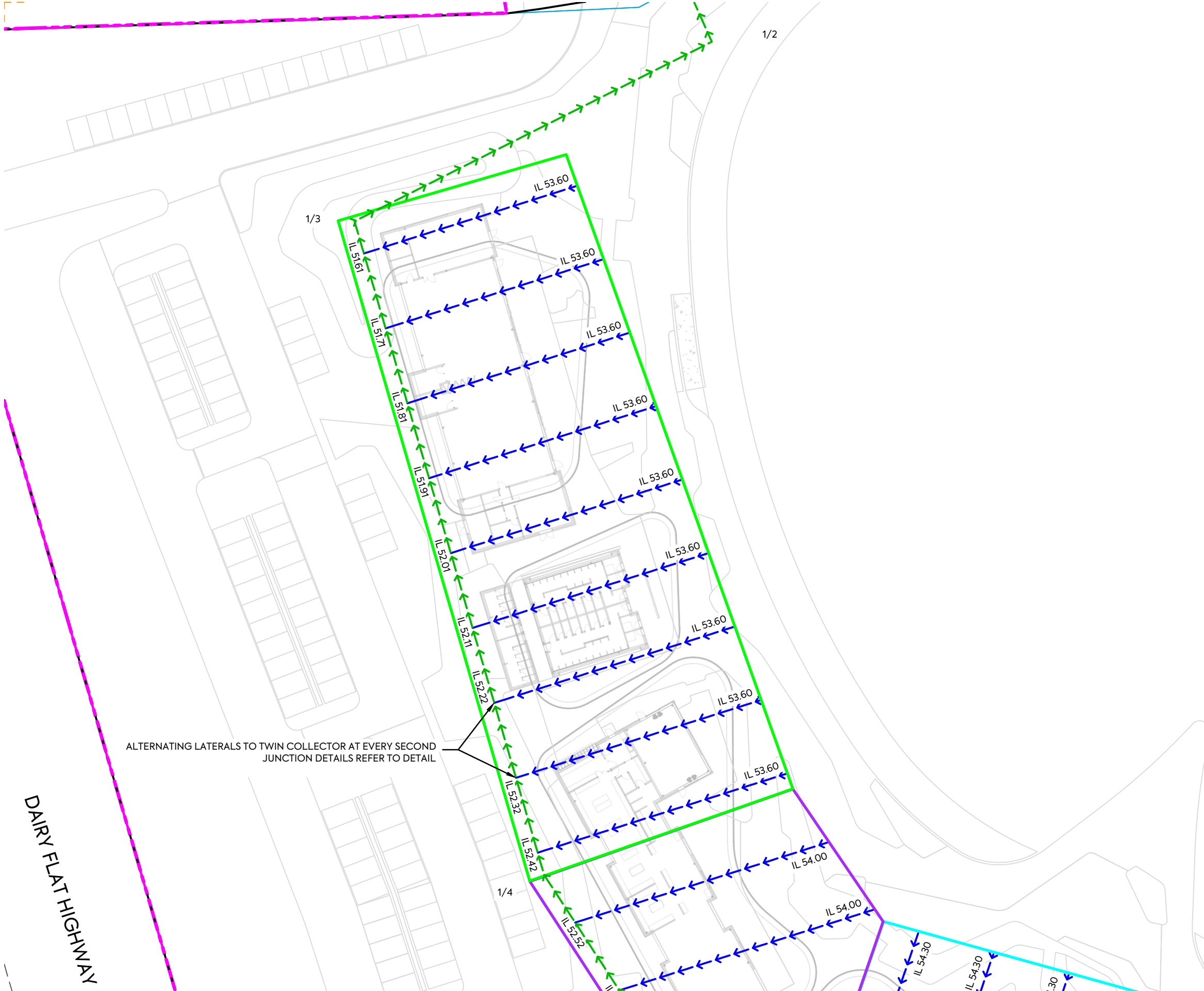
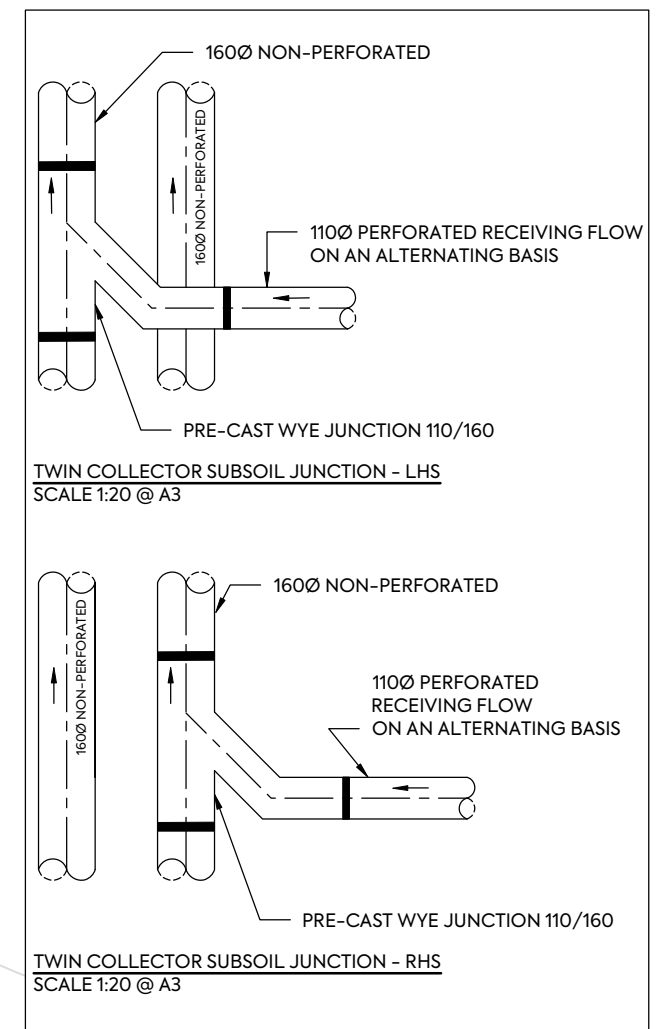


NOTES:

1. THE SUBSOIL DRAIN LAYOUT WAS PROVIDED FOR GEOTECHNICAL CONSULTANT REVIEW ONLY. IT IS NOT FORM ANY PART OF CONSTRUCTION ISSUE.
2. THE SUBSOIL DAIN DESIGN WAS INTERGRAL WITH GEOTECHNICAL ADVICE, AS PER INITIA'S REPORT, PROJECT P-001537, NO. 1537-1-M02-2 REV A.
3. TRENCHING AND JUNCTION DETAILS REFERS TO DRAWINGS 2152 AND 2153, PANEL INFORMATION AT RIGHT,

LEGEND:

- SUBSOIL DRAIN 110Ø PERFORATED @ MIN 1% (AT 10m INTERVAL C/C)
- SUBSOIL DRAIN TWIN 160Ø NON-PERFORATED (UNLESS STATED OTHERWISE)



CLIENT:

AW HOLDINGS 2021 LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

EARTHWORKS
GROUND IMPROVEMENT
SUBSOIL DRAIN

PURPOSE OF ISSUE:

FOR INFORMATION

SCALE:
1:500 @ A3

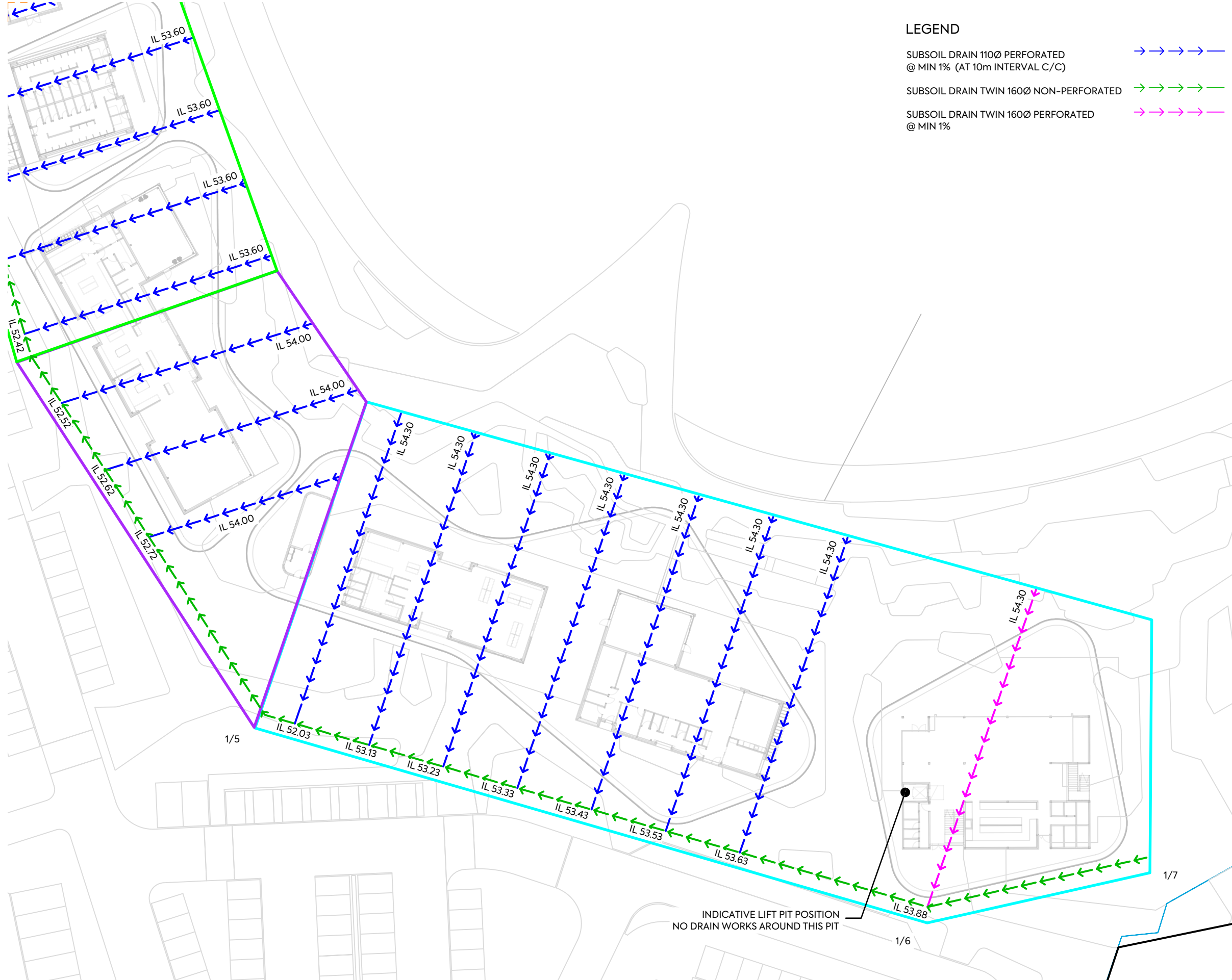
DO NOT SCALE

DRAWING NO:
3325-2-2153

REV:
A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	DK	SL	04/02/26



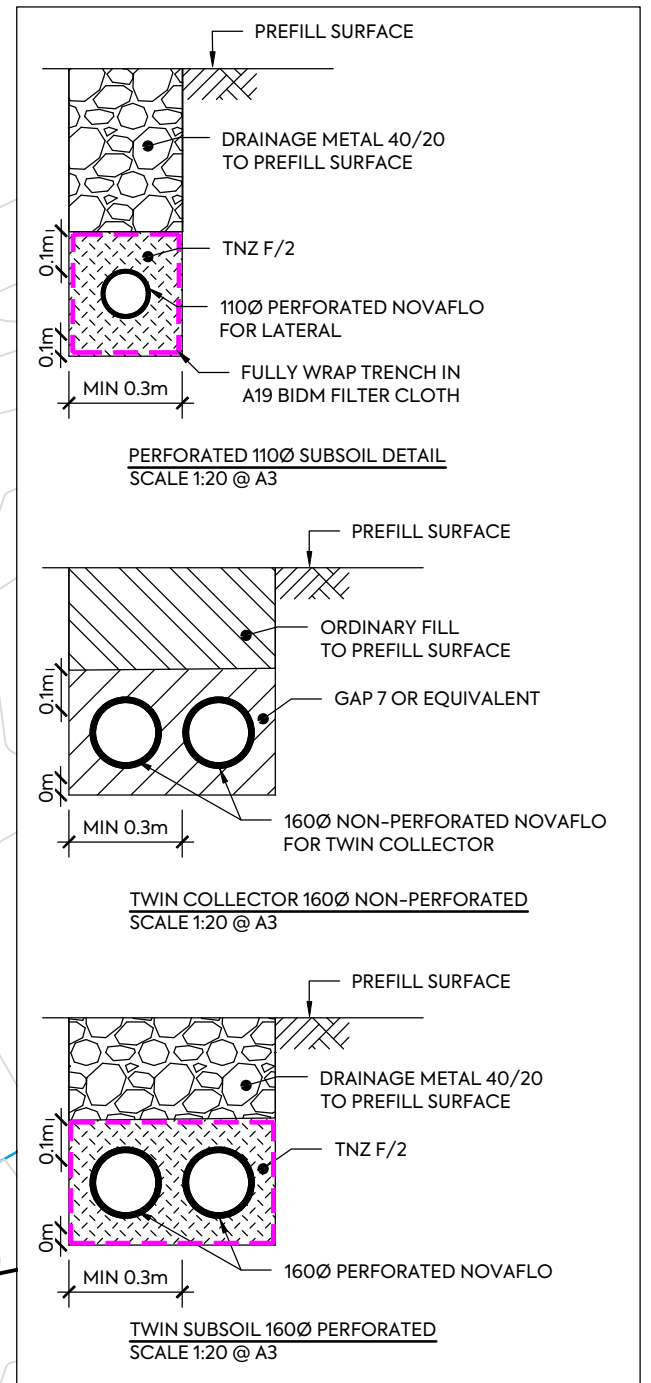
LEGEND

- SUBSOIL DRAIN 110Ø PERFORATED @ MIN 1% (AT 10m INTERVAL C/C) →→→→→
- SUBSOIL DRAIN TWIN 160Ø NON-PERFORATED →→→→→
- SUBSOIL DRAIN TWIN 160Ø PERFORATED @ MIN 1% →→→→→



NOTES:

1. THE SUBSOIL DRAIN LAYOUT WAS PROVIDED FOR GEOTECHNICAL CONSULTANT REVIEW ONLY. IT IS NOT FORM ANY PART OF CONSTRUCTION ISSUE.
2. THE SUBSOIL DRAIN DESIGN WAS INTERGRAL WITH GEOTECHNICAL ADVICE, AS PER INITIA'S REPORT, PROJECT P-001537, NO. 1537-1-M02-.2 REV A.
3. TRENCHING AND JUNCTION DETAILS REFERS TO DRAWINGS 2152 AND 2153, PANEL INFORMATION AT RIGHT.

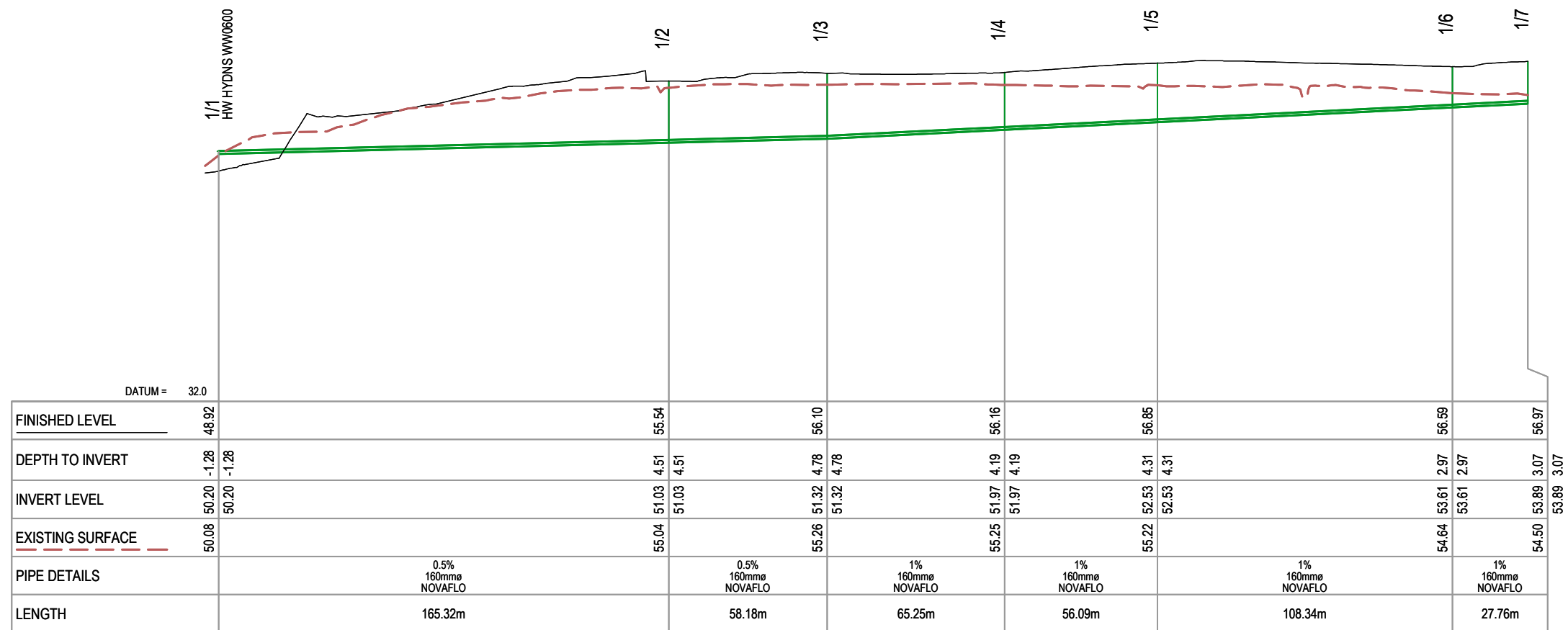


CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS GROUND IMPROVEMENT SUBSOIL DRAIN LONG SECTION PURPOSE OF ISSUE: FOR INFORMATION



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	DK	SL	04/02/26

SCALE: 1:2000 (H) 1:400 (V) @ A3
DO NOT SCALE
DRAWING NO: 3325-2-2154 REV: A



SUBSOIL DRAIN COLLECTOR LINE 1



CLIENT:
AW HOLDINGS 2021
LIMITED

PROJECT:
AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:
EARTHWORKS
GROUND IMPROVEMENT
SUBSOIL DRAIN
LONG SECTION

PURPOSE OF ISSUE:
FOR INFORMATION

SCALE:
1:2000 (H) 1:400 (V) @ A3

DO NOT SCALE

DRAWING NO. REV:

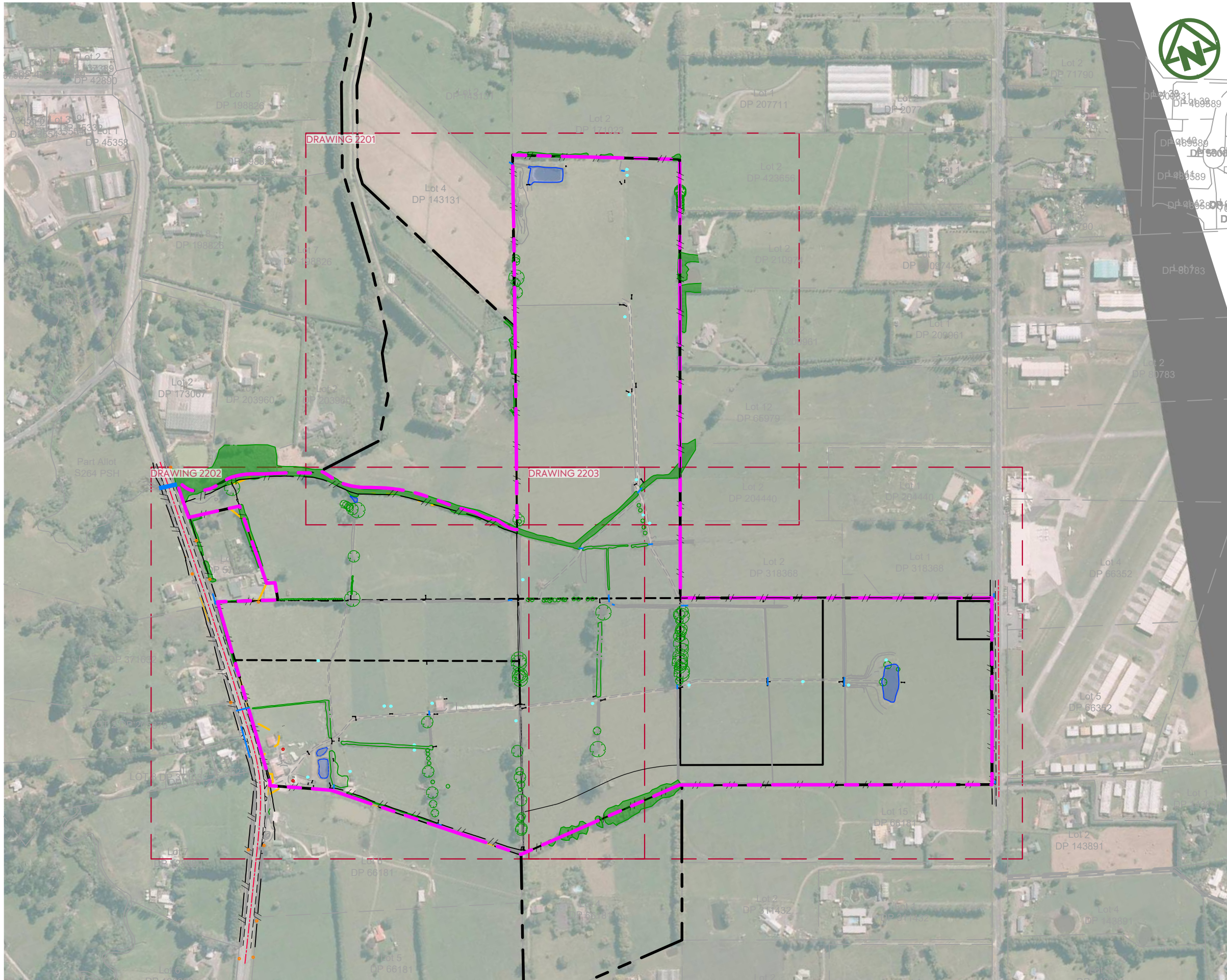
3325-2-2155 A

A FIRST ISSUE AL DK SL 04/02/26

REV DESCRIPTION DRN BY CHK BY APP BY DATE

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C:\12DS\DATA\MCKFS01\3325-2 SURF PARK STAGE 2_5052\DESIGN\6.5. DRAWINGS\3325-2-2150.DWG



LEGEND:

- SITE BOUNDARY ---
- EXISTING FENCE TO BE REMOVED (EXCEPT PERIMETER FENCING) - - - - -
- EXISTING VEGETATION [Green shaded area]
- EXISTING VEGETATION TO BE REMOVED [Green hatched area]
- CONSTRUCTED POND TO BE REMOVED [Blue shaded area]
- EXISTING VEGETATION TREE [Green circle]
- EXISTING VEGETATION TREE TO BE REMOVED [Red circle]
- EXISTING BUILDING TO BE REMOVED [Brown rectangle]
- EXISTING CULVERT [Blue line]
- EXISTING TROUGH TO BE REMOVED [Blue circle]
- EXISTING POWERPOLE [Orange circle]

CLIENT: PROJECT: TITLE: PURPOSE OF ISSUE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

SITE CLEARING PLAN
OVERALL PLAN

FOR RESOURCE CONSENT



SCALE:
1:5000
DO NOT SCALE

DRAWING NO: 3325-2-2200 REV: A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	NS	SL	SL	13/01/26



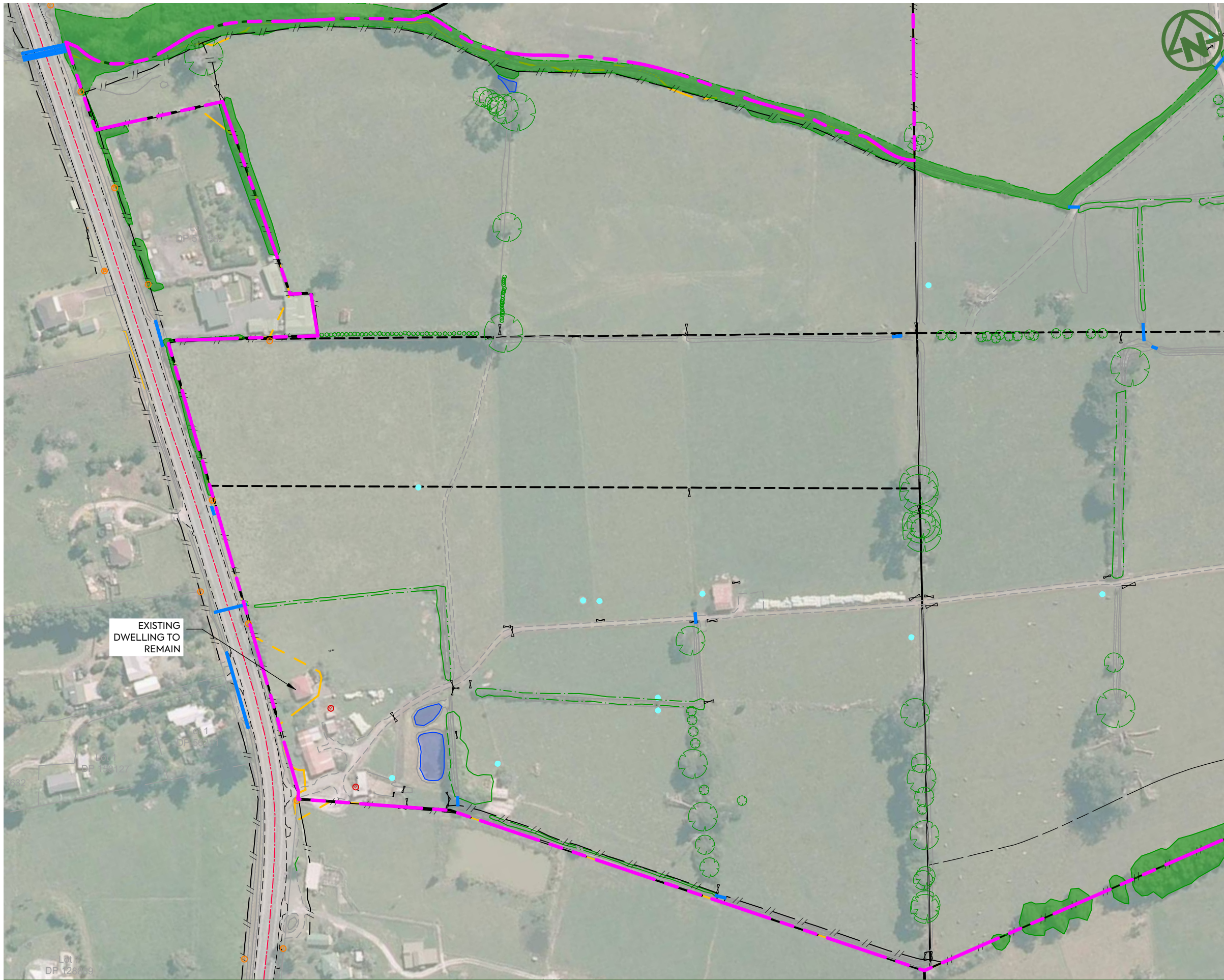
LEGEND:

- SITE BOUNDARY
- EXISTING FENCE TO BE REMOVED (EXCEPT PERIMETER FENCING)
- EXISTING VEGETATION
- EXISTING VEGETATION TO BE REMOVED
- CONSTRUCTED POND TO BE REMOVED
- EXISTING VEGETATION TREE
- EXISTING VEGETATION TREE TO BE REMOVED
- EXISTING BUILDING TO BE REMOVED
- EXISTING CULVERT
- EXISTING TROUGH TO BE REMOVED
- EXISTING POWERPOLE

<p>CLIENT: AW HOLDINGS 2021 LIMITED</p>	<p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: SITE CLEARING PLAN SHEET 1</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p> <p>SCALE: 1:2000 DO NOT SCALE</p> <p>DRAWING NO: 3325-2-2201 REV: A</p>
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	NS	SL	SL	13/01/26



LEGEND:

- SITE BOUNDARY — — — — —
- EXISTING FENCE TO BE REMOVED (EXCEPT PERIMETER FENCING) — — — — —
- EXISTING VEGETATION — — — — —
- EXISTING VEGETATION TO BE REMOVED — — — — —
- CONSTRUCTED POND TO BE REMOVED — — — — —
- EXISTING VEGETATION TREE — — — — —
- EXISTING VEGETATION TREE TO BE REMOVED — — — — —
- EXISTING BUILDING TO BE REMOVED — — — — —
- EXISTING CULVERT — — — — —
- EXISTING TROUGH TO BE REMOVED — — — — —
- EXISTING POWERPOLE — — — — —

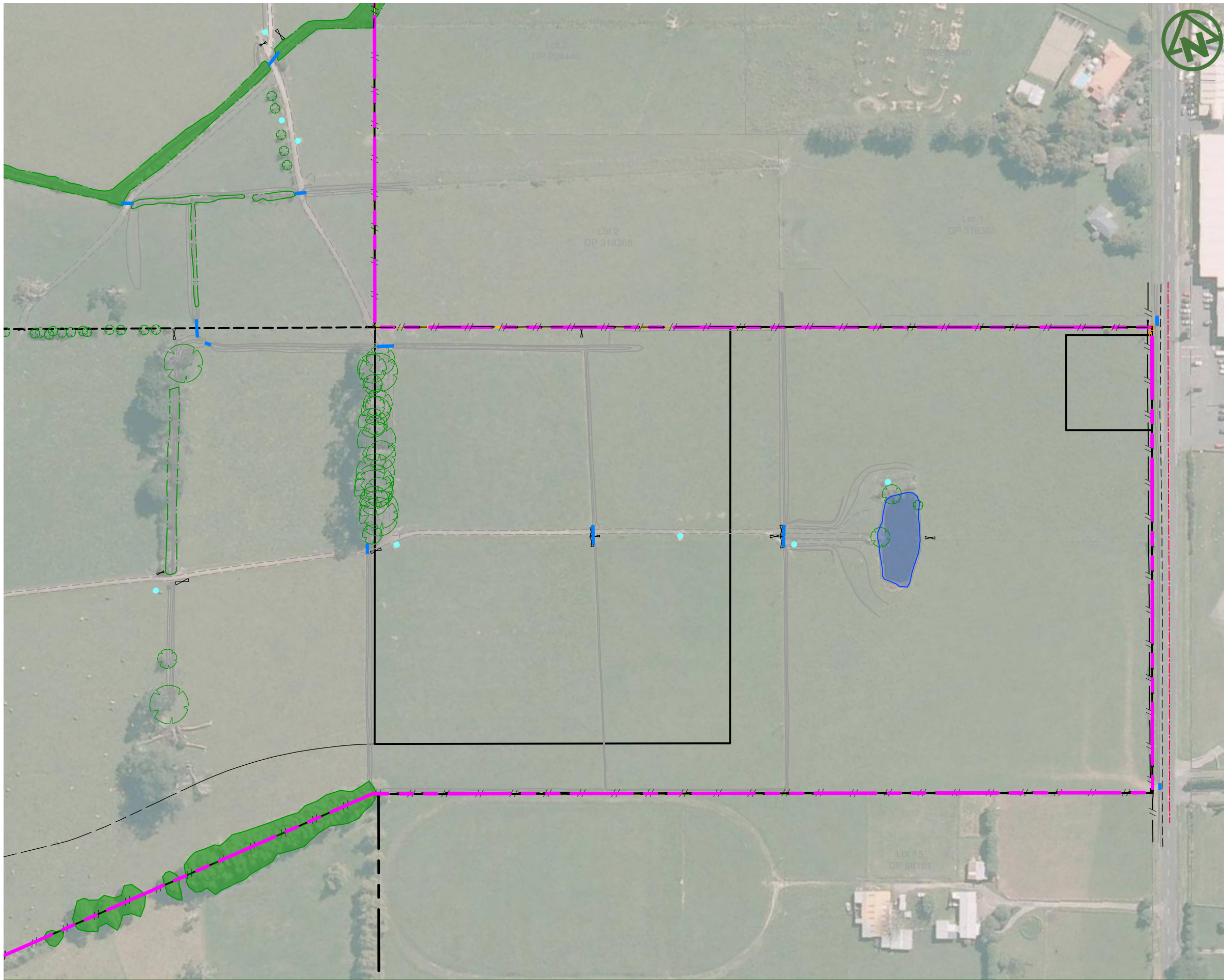
EXISTING DWELLING TO REMAIN

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: SITE CLEARING PLAN SHEET 2 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



SCALE: 1:2000
DO NOT SCALE
DRAWING NO: 3325-2-2202 REV: A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	NS	SL	SL	13/01/26



LEGEND:

- SITE BOUNDARY — — — — —
- EXISTING FENCE TO BE REMOVED (EXCEPT PERIMETER FENCING) — — — — —
- EXISTING VEGETATION — — — — —
- EXISTING VEGETATION TO BE REMOVED — — — — —
- CONSTRUCTED POND TO BE REMOVED — — — — —
- EXISTING VEGETATION TREE — — — — —
- EXISTING VEGETATION TREE TO BE REMOVED — — — — —
- EXISTING BUILDING TO BE REMOVED — — — — —
- EXISTING CULVERT — — — — —
- EXISTING TROUGH TO BE REMOVED — — — — —
- EXISTING POWERPOLE — — — — —

CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

SITE CLEARING PLAN
SHEET 3

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:2000
DO NOT SCALE

DRAWING NO:
3325-2-2203

REV:
A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	NS	SL	SL	13/01/26



NOTES:

1. TOPSOIL DEPTH ARE BASED ON GEOTECHNICAL FACTUAL REPORT (INITIA REF P-001537 REV1)
2. EARTHWORKS SHALL NOT EXTEND PAST THE AREA SHOWN ON THE PLANS.

LEGEND:

- EXTENT OF WORKS - - - - -
- EXISTING TOPSOIL CONTOUR (0.10m) ——— 75.0
- MACHINE BOREHOLE ◆ MBH01
- HAND AUGER ● HA01
- TEST PIT ⊠ TP01

CLIENT: PROJECT: TITLE: PURPOSE OF ISSUE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
TOPSOIL DEPTH
OVERALL PLAN

FOR RESOURCE CONSENT

SCALE:
1:5000
DO NOT SCALE

DRAWING NO: 3325-2-2250 REV: A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE				



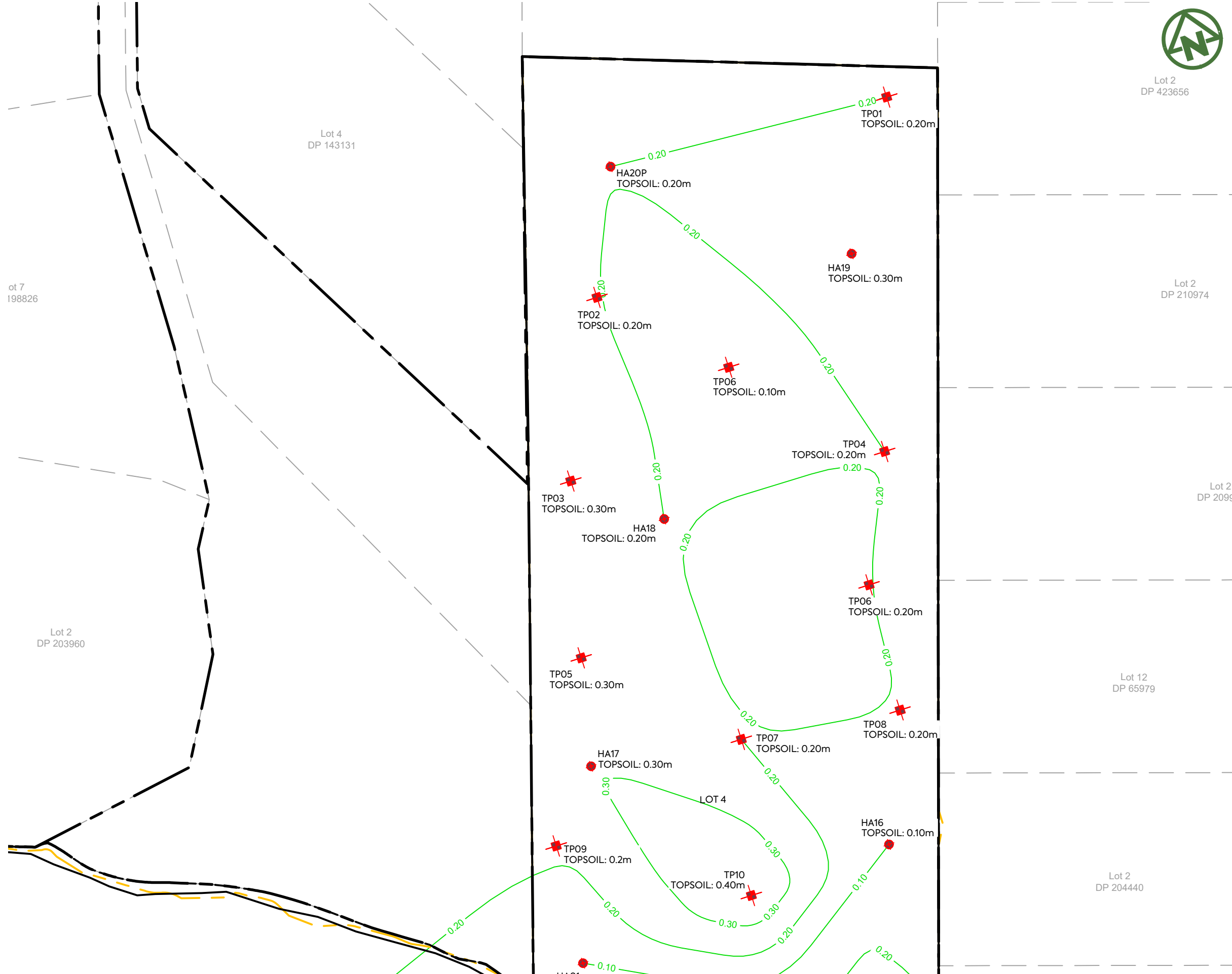
Lot 2
DP 423656

NOTES:

1. TOPSOIL DEPTH ARE BASED ON GEOTECHNICAL FACTUAL REPORT (INITIA REF P-001537 REV1)
2. EARTHWORKS SHALL NOT EXTEND PAST THE AREA SHOWN ON THE PLANS.

LEGEND:

- EXTENT OF WORKS 
- EXISTING TOPSOIL CONTOUR (0.10m) 
- MACHINE BOREHOLE 
- HAND AUGER 
- TEST PIT 



ot 7
198826

Lot 4
DP 143131

Lot 2
DP 210974

Lot 2
DP 203960

Lot 2
DP 2096

Lot 12
DP 65979

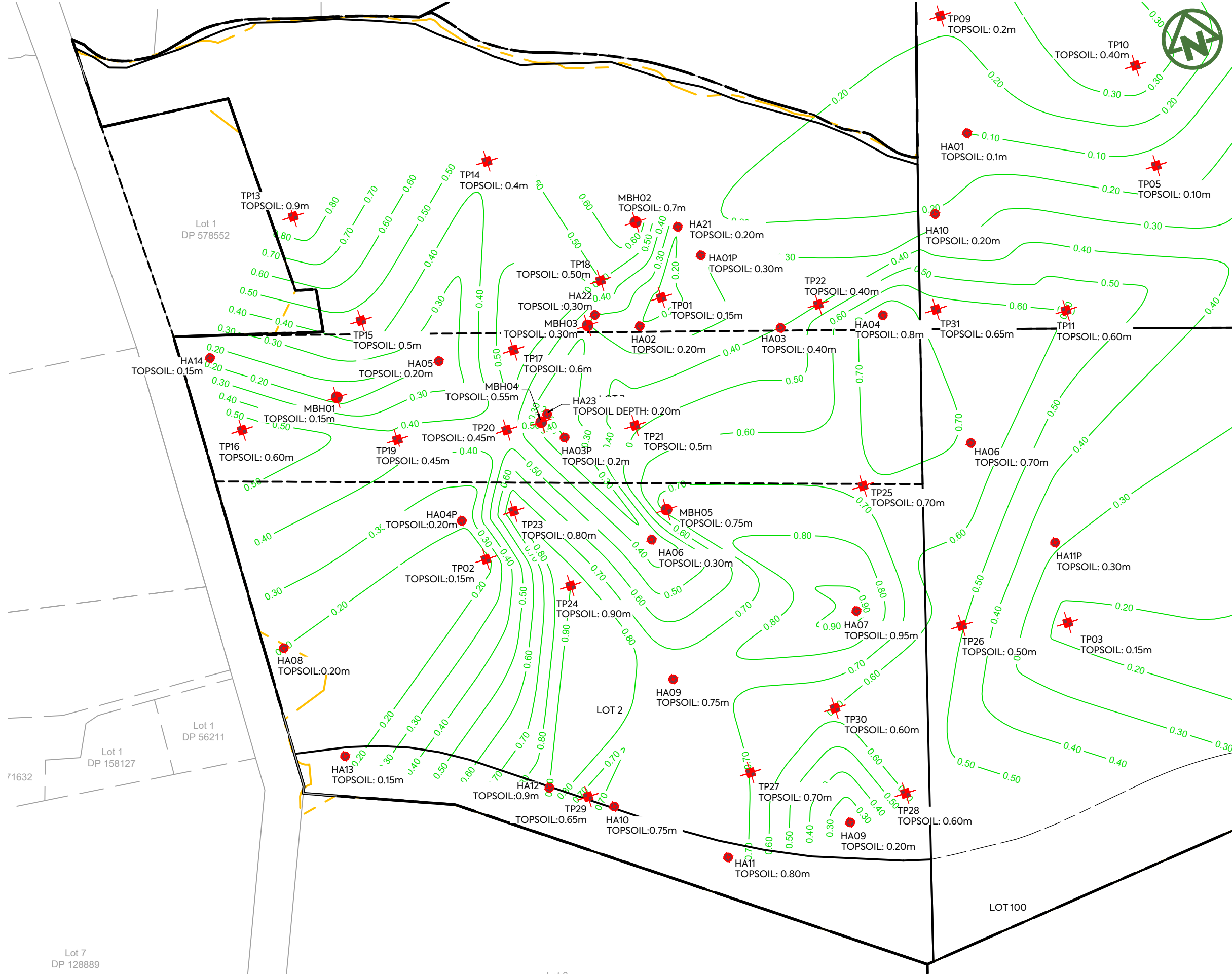
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DP 204440

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS TOPSOIL DEPTH PLAN SHEET 1 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



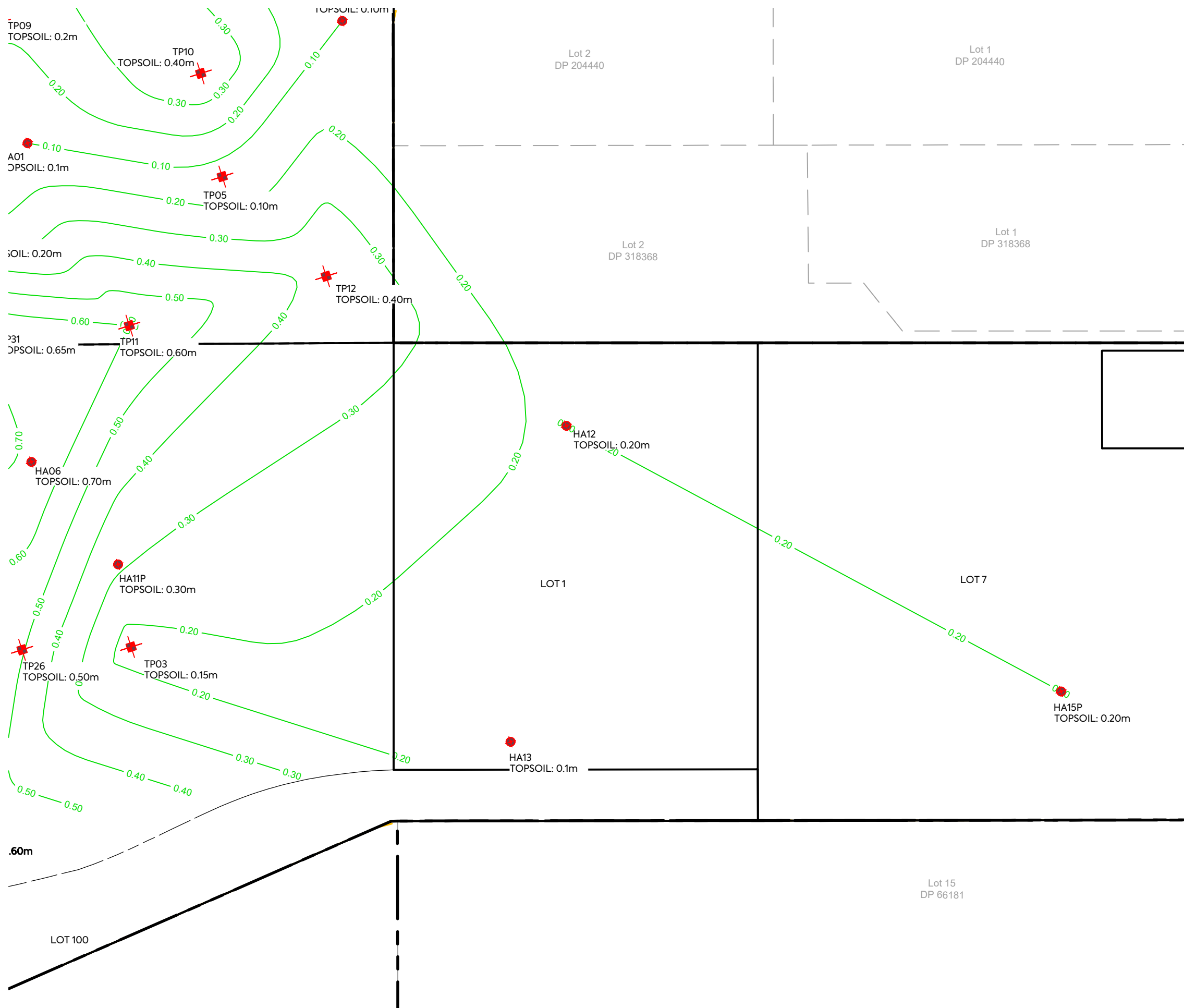
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE				

SCALE: 1:2000
DO NOT SCALE
DRAWING NO: 3325-2-2251 REV: A



- NOTES:**
1. TOPSOIL DEPTH ARE BASED ON GEOTECHNICAL FACTUAL REPORT (INITIA REF P-001537 REV1)
 2. EARTHWORKS SHALL NOT EXTEND PAST THE AREA SHOWN ON THE PLANS.

- LEGEND:**
- EXTENT OF WORKS -----
 - EXISTING TOPSOIL CONTOUR (0.10m) ——— 75.0
 - MACHINE BOREHOLE ◆ MBH01
 - HAND AUGER ● HA01
 - TEST PIT ⊕ TP01



NOTES:

1. TOPSOIL DEPTH ARE BASED ON GEOTECHNICAL FACTUAL REPORT (INITIA REF P-001537 REV1)
2. EARTHWORKS SHALL NOT EXTEND PAST THE AREA SHOWN ON THE PLANS.

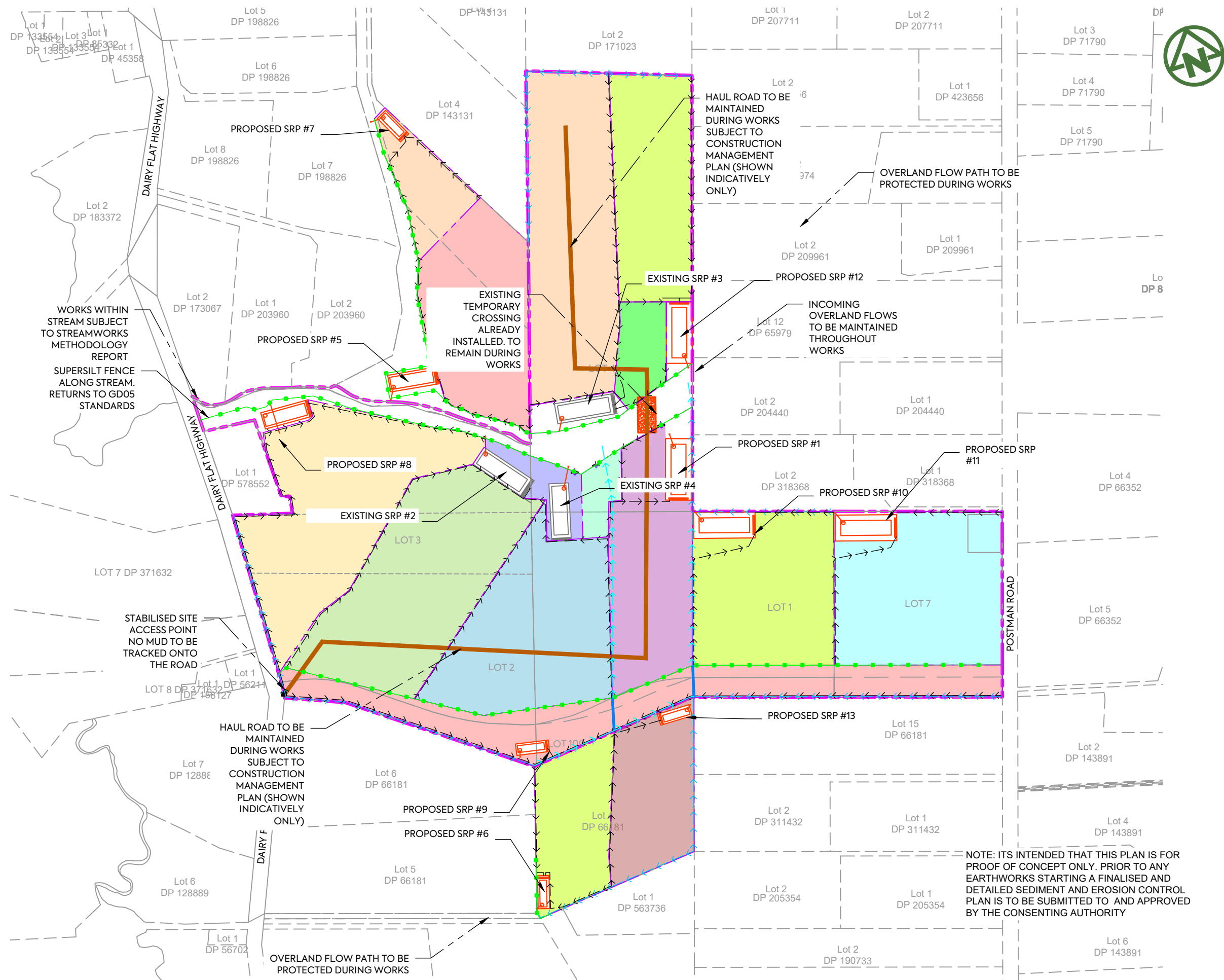
LEGEND:

- EXTENT OF WORKS (dashed pink line)
- EXISTING TOPSOIL CONTOUR (0.10m) (green line with 75.0 label)
- MACHINE BOREHOLE (red diamond with crosshair)
- HAND AUGER (red circle)
- TEST PIT (red crosshair)

CLIENT:	PROJECT:	TITLE:	PURPOSE OF ISSUE:
AW HOLDINGS 2021 LIMITED	AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	EARTHWORKS TOPSOIL DEPTH PLAN SHEET 3	FOR RESOURCE CONSENT
SCALE: 1:2000 DO NOT SCALE		DRAWING NO:	REV:
3325-2-2253		A	



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE				



NOTES:

1. LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL).
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR LAND DISTURBING ACTIVITIES, AUCKLAND COUNCIL GD005.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE OPERATIONAL PRIOR TO ANY OTHER WORKS COMMENCING ON SITE. THE CONTRACTOR SHALL ARRANGE FOR AND ATTEND A PRELIMINARY SEDIMENT CONTROL MEETING ONSITE WITH THE ENGINEER AND COUNCIL REPRESENTATIVE.
4. A COPY OF THE SEDIMENT CONTROL PLAN SHALL BE AVAILABLE ON SITE DURING WORK HOURS. ALL PERSONNEL INVOLVED IN EARTHWORK ACTIVITIES ON THE SITE (INCLUDING OF SUB-CONTRACTORS) SHALL BE FAMILIAR WITH THE PLANS REQUIREMENTS.
5. ALL "CLEAN WATER" RUNOFF FROM STABILIZED SURFACES INCLUDING CATCHMENT AREAS ABOVE THE SITE SHALL BE DIVERTED AWAY FROM THE EARTHWORK AREAS VIA A STABILIZED SYSTEM TO PREVENT EROSION.
6. THE MAIN SILT CONTROL MEASURES FOR THIS SITE ARE:
 - a. REMOVAL OF SEDIMENT FROM SILT LADEN WATERS USING SUPER SILT FENCES AS SHOWN;
 - b. STABILISATION OF THE SITE AGAINST EROSION AS SOON AS PRACTICABLE AND IN A PROGRESSIVE MANNER AS EARTHWORKS ARE FINISHED OVER VARIOUS AREAS OF THE SITE;
 - c. NEW CESSPITS MUST BE PROTECTED TO PREVENT SILT LADEN RUNOFF ENTERING THE NEW STORMWATER LINES; AND MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES AS REQUIRED.
7. FURTHER SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER AS THE PROJECT ADVANCES. THESE WILL BE INSTALLED AS AND WHERE DIRECTED BY THE ENGINEER. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT THE SITE HAS EFFECTIVE MEASURES OPERATING AT ALL TIMES.

LEGEND:

- SITE BOUNDARY
- SUPER SILT FENCE
- STABILISED ENTRANCEWAY
- EXISTING CONTOURS (1m INCREMENT)
- DIRTY WATER BUND
- CLEAN WATER BUND
- SEDIMENT RETENTION POND (SRP)
- EXISTING SEDIMENT RETENTION POND (SPR) TO BE REUSED
- EXISTING OLFP
- CATCHMENT BOUNDARY
- SUB CATCHMENT BOUNDARY
- FLOW DIRECTION
- HAUL ROAD

NOTE: ITS INTENDED THAT THIS PLAN IS FOR PROOF OF CONCEPT ONLY. PRIOR TO ANY EARTHWORKS STARTING A FINALISED AND DETAILED SEDIMENT AND EROSION CONTROL PLAN IS TO BE SUBMITTED TO AND APPROVED BY THE CONSENTING AUTHORITY

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS SEDIMENT CONTROL PLAN OVERVIEW PURPOSE OF ISSUE: FOR RESOURCE CONSENT

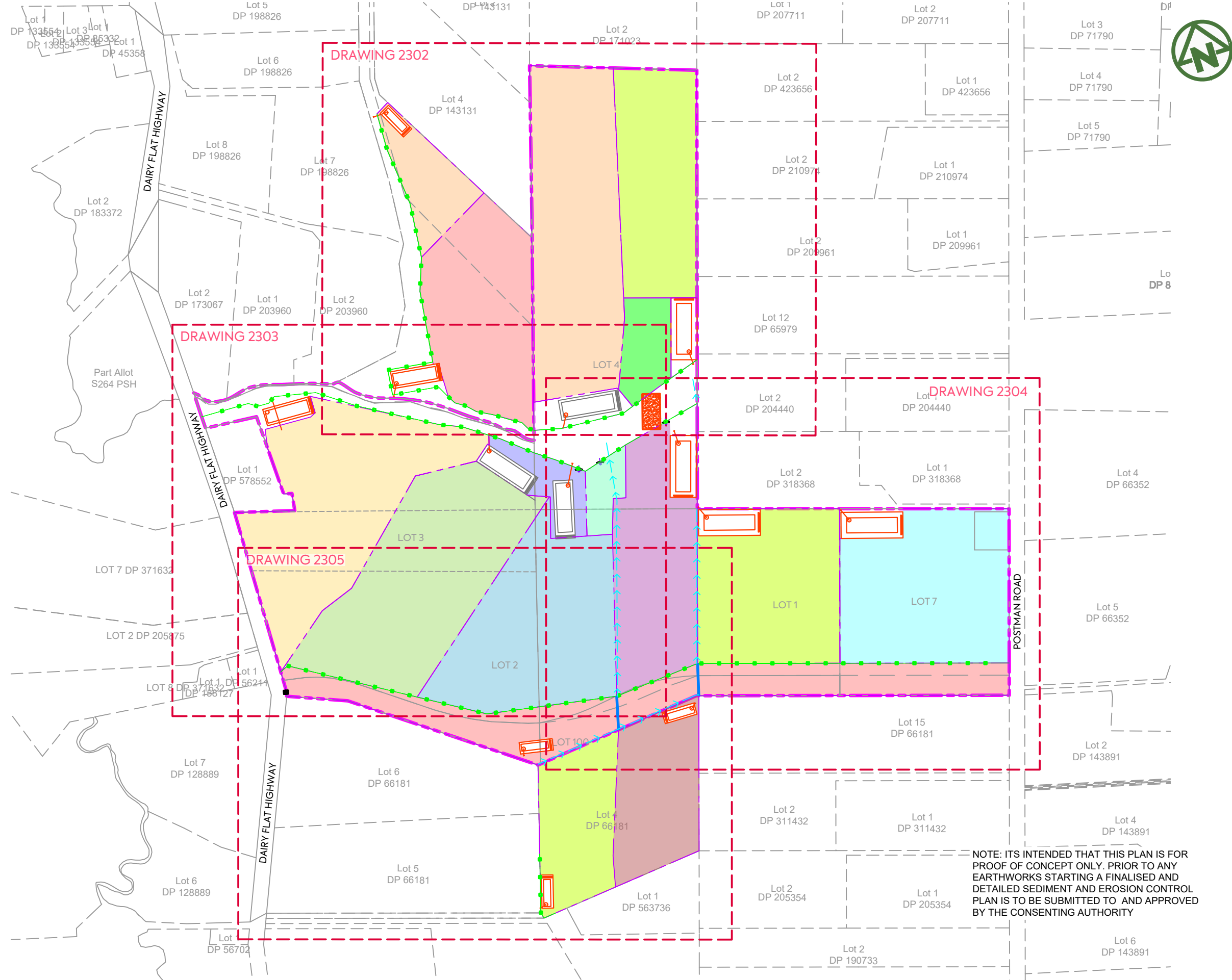
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DO NOT SCALE

DRAWING NO: 3325-2-2301 REV: B



REV	DESCRIPTION	DRN	CHK	APP	BY	DATE
B	DRAWING UPDATES	NS	SL	SL		13/01/26
A	FIRST ISSUE	SL	SL	SL		07/11/25



NOTES:

1. LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL).
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR LAND DISTURBING ACTIVITIES, AUCKLAND COUNCIL GD005.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE OPERATIONAL PRIOR TO ANY OTHER WORKS COMMENCING ON SITE. THE CONTRACTOR SHALL ARRANGE FOR AND ATTEND A PRELIMINARY SEDIMENT CONTROL MEETING ONSITE WITH THE ENGINEER AND COUNCIL REPRESENTATIVE. A COPY OF THE SEDIMENT CONTROL PLAN SHALL BE AVAILABLE ON SITE DURING WORK HOURS. ALL PERSONNEL INVOLVED IN EARTHWORK ACTIVITIES ON THE SITE (INCLUSIVE OF SUB-CONTRACTORS) SHALL BE FAMILIAR WITH THE PLANS REQUIREMENTS.
4. ALL "CLEAN WATER" RUNOFF FROM STABILIZED SURFACES INCLUDING CATCHMENT AREAS ABOVE THE SITE SHALL BE DIVERTED AWAY FROM THE EARTHWORK AREAS VIA A STABILIZED SYSTEM TO PREVENT EROSION.
5. THE MAIN SILT CONTROL MEASURES FOR THIS SITE ARE:
 - a. REMOVAL OF SEDIMENT FROM SILT LADEN WATERS USING SUPER SILT FENCES AS SHOWN;
 - b. STABILISATION OF THE SITE AGAINST EROSION AS SOON AS PRACTICABLE AND IN A PROGRESSIVE MANNER AS EARTHWORKS ARE FINISHED OVER VARIOUS AREAS OF THE SITE;
 - c. NEW CESSPITS MUST BE PROTECTED TO PREVENT SILT LADEN RUNOFF ENTERING THE NEW STORMWATER LINES; AND
 - d. MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES AS REQUIRED.
7. FURTHER SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER AS THE PROJECT ADVANCES. THESE WILL BE INSTALLED AS AND WHERE DIRECTED BY THE ENGINEER. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT THE SITE HAS EFFECTIVE MEASURES OPERATING AT ALL TIMES.

LEGEND:

- SITE BOUNDARY
- SUPER SILT FENCE
- STABILISED ENTRANCE
- EXISTING CONTOURS (1m INCREMENT)
- SEDIMENT RETENTION POND (SRP)
- EXISTING SEDIMENT RETENTION POND (SPR) TO BE REUSED
- CATCHMENT BOUNDARY
- SUB CATCHMENT BOUNDARY
- CATCHMENT HATCH 1 2 3 4

NOTE: ITS INTENDED THAT THIS PLAN IS FOR PROOF OF CONCEPT ONLY. PRIOR TO ANY EARTHWORKS STARTING A FINALISED AND DETAILED SEDIMENT AND EROSION CONTROL PLAN IS TO BE SUBMITTED TO AND APPROVED BY THE CONSENTING AUTHORITY

	<p>AW HOLDINGS 2021 LIMITED</p>	<p>AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>EARTHWORKS SEDIMENT CONTROL PLAN VIEWS</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p>												
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B	DRAWING UPDATES	NS	SL	SL	13/01/26											
A	FIRST ISSUE	SL	SL	SL	17/11/25											



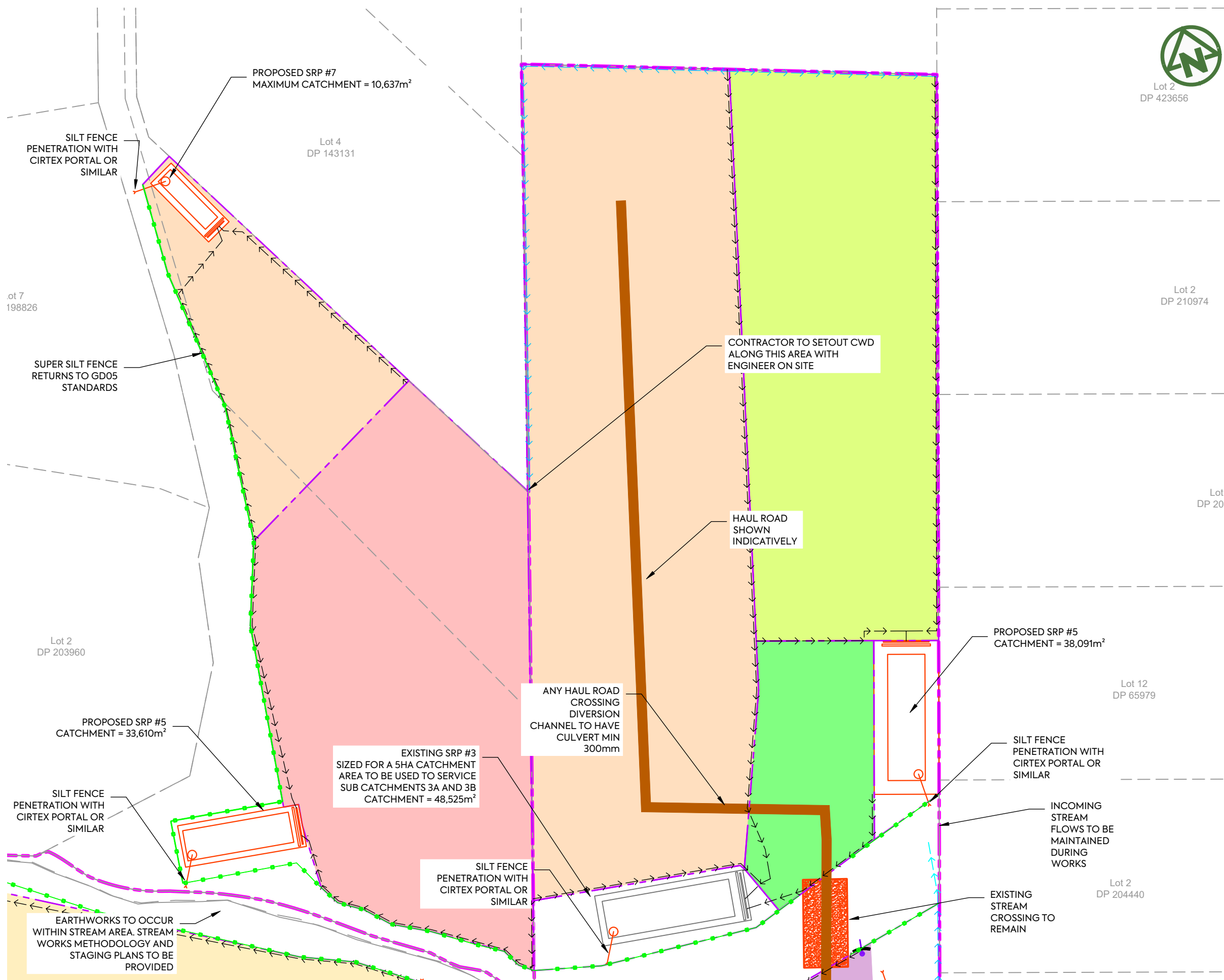
Lot 2
DP 423656

NOTES:

- 1. REFER TO DRS 230 FOR SEDIMENT CONTROL PLAN STANDARD NOTES.

LEGEND:

- SITE BOUNDARY
- SUPER SILT FENCE
- STABILISED ENTRANCE
- EXISTING CONTOURS (1m INCREMENT)
- DIRTY WATER BUND
- CLEAN WATER BUND
- SEDIMENT RETENTION POND (SRP)
- EXISTING SEDIMENT RETENTION POND (SRP) TO BE REUSED
- EXISTING OFLP
- CATCHMENT BOUNDARY
- SUB CATCHMENT BOUNDARY
- FLOW DIRECTION
- CATCHMENT HATCH
- DECANTING EARTH BUND
- HAUL ROAD



CONTRACTOR TO SETOUT CWD ALONG THIS AREA WITH ENGINEER ON SITE

HAUL ROAD SHOWN INDICATIVELY

ANY HAUL ROAD CROSSING DIVERSION CHANNEL TO HAVE CULVERT MIN 300mm

EXISTING SRP #3 SIZED FOR A 5HA CATCHMENT AREA TO BE USED TO SERVICE SUB CATCHMENTS 3A AND 3B CATCHMENT = 48,525m²

SILT FENCE PENETRATION WITH CIRTEX PORTAL OR SIMILAR

PROPOSED SRP #5 CATCHMENT = 38,091m²

SILT FENCE PENETRATION WITH CIRTEX PORTAL OR SIMILAR

INCOMING STREAM FLOWS TO BE MAINTAINED DURING WORKS

EXISTING STREAM CROSSING TO REMAIN

NOTE: ITS INTENDED THAT THIS PLAN IS FOR PROOF OF CONCEPT ONLY. PRIOR TO ANY EARTHWORKS STARTING A FINALISED AND DETAILED SEDIMENT AND EROSION CONTROL PLAN IS TO BE SUBMITTED TO AND APPROVED BY THE CONSENTING AUTHORITY

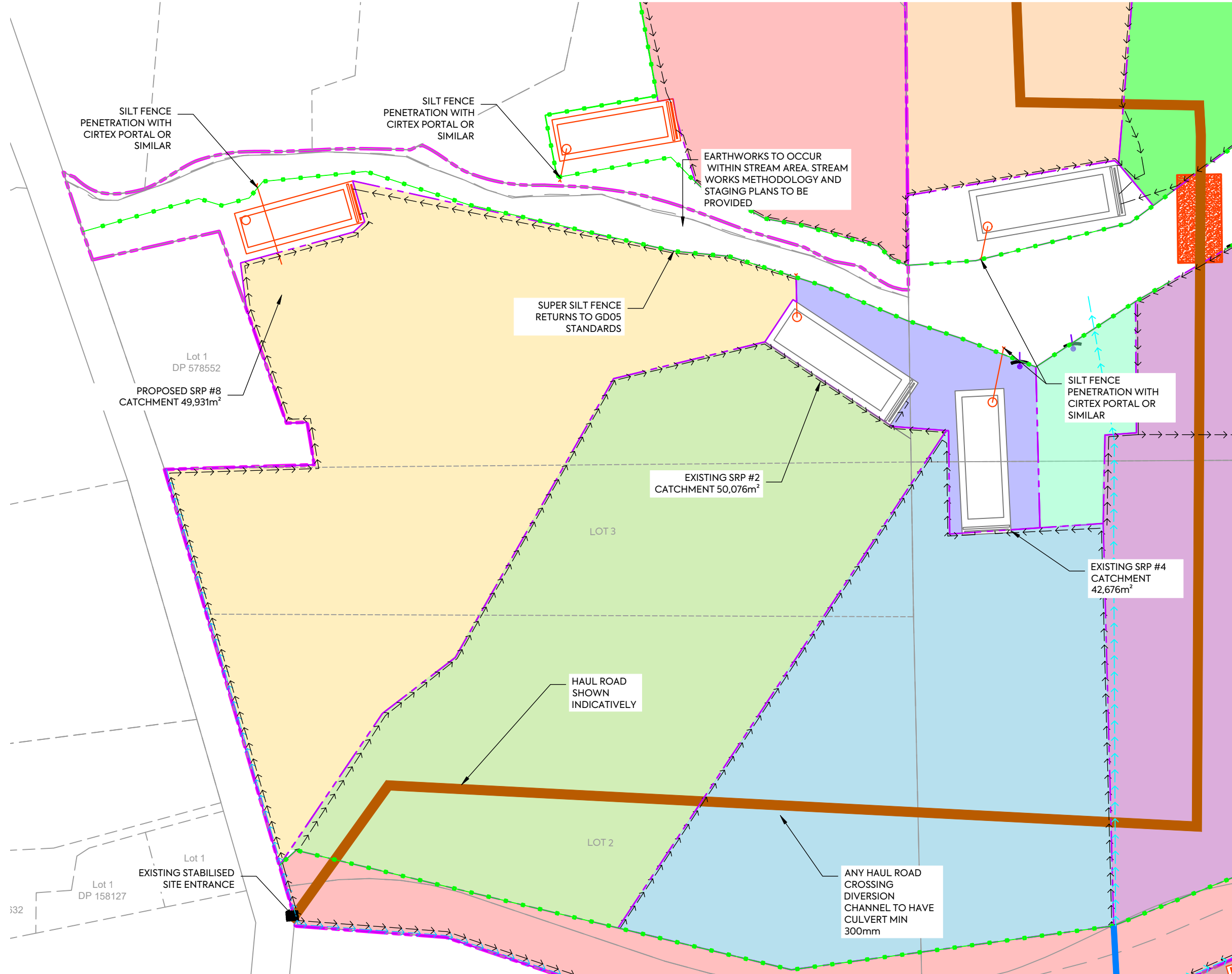
EARTHWORKS TO OCCUR WITHIN STREAM AREA. STREAM WORKS METHODOLOGY AND STAGING PLANS TO BE PROVIDED

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS SEDIMENT CONTROL PLAN PLAN 1 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	SL	SL	SL	17/11/25

SCALE: 1:2000 @ A3
DO NOT SCALE
DRAWING NO: 3325-2-2302 REV: A



NOTES:

- 1. REFER TO DRS 230 FOR SEDIMENT CONTROL PLAN STANDARD NOTES.

LEGEND:

- SITE BOUNDARY
- SUPER SILT FENCE
- STABILISED ENTRANCE
- EXISTING CONTOURS (1m INCREMENT)
- DIRTY WATER BUND
- CLEAN WATER BUND
- SEDIMENT RETENTION POND (SRP)
- EXISTING SEDIMENT RETENTION POND (SRP) TO BE REUSED
- EXISTING OFLP
- CATCHMENT BOUNDARY
- SUB CATCHMENT BOUNDARY
- FLOW DIRECTION
- CATCHMENT HATCH
- DECANTING EARTH BUND
- HAUL ROAD

NOTE: ITS INTENDED THAT THIS PLAN IS FOR PROOF OF CONCEPT ONLY. PRIOR TO ANY EARTHWORKS STARTING A FINALISED AND DETAILED SEDIMENT AND EROSION CONTROL PLAN IS TO BE SUBMITTED TO AND APPROVED BY THE CONSENTING AUTHORITY

CLIENT: PROJECT: TITLE:

PURPOSE OF ISSUE:



AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
SEDIMENT CONTROL PLAN
PLAN 2

FOR RESOURCE CONSENT

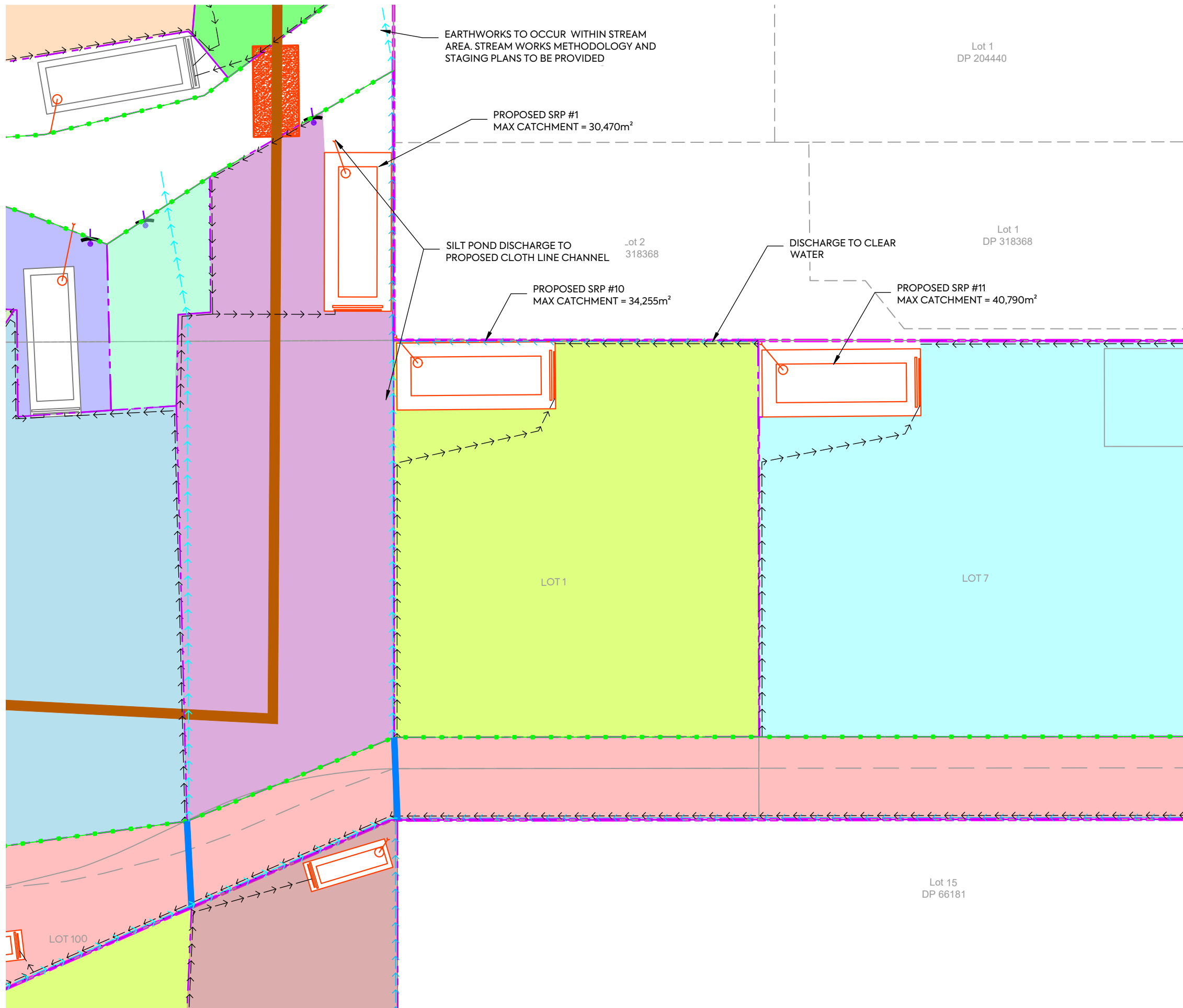
SCALE: L

DO NOT SCALE

DRAWING NO: REV:

3325-2-2303 B

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
B	DRAWING UPDATES	NS	SL	SL	13/01/26
A	FIRST ISSUE	SL	SL	SL	17/11/25



NOTES:

- REFER TO DRS 230 FOR SEDIMENT CONTROL PLAN STANDARD NOTES.

LEGEND:

- SITE BOUNDARY
- SUPER SILT FENCE
- STABILISED ENTRANCE
- EXISTING CONTOURS (1m INCREMENT)
- DIRTY WATER BUND
- CLEAN WATER BUND
- SEDIMENT RETENTION POND (SRP)
- EXISTING SEDIMENT RETENTION POND (SRP) TO BE REUSED
- EXISTING OFLP
- CATCHMENT BOUNDARY
- SUB CATCHMENT BOUNDARY
- FLOW DIRECTION
- CATCHMENT HATCH
- DECANTING EARTH BUND
- HAUL ROAD

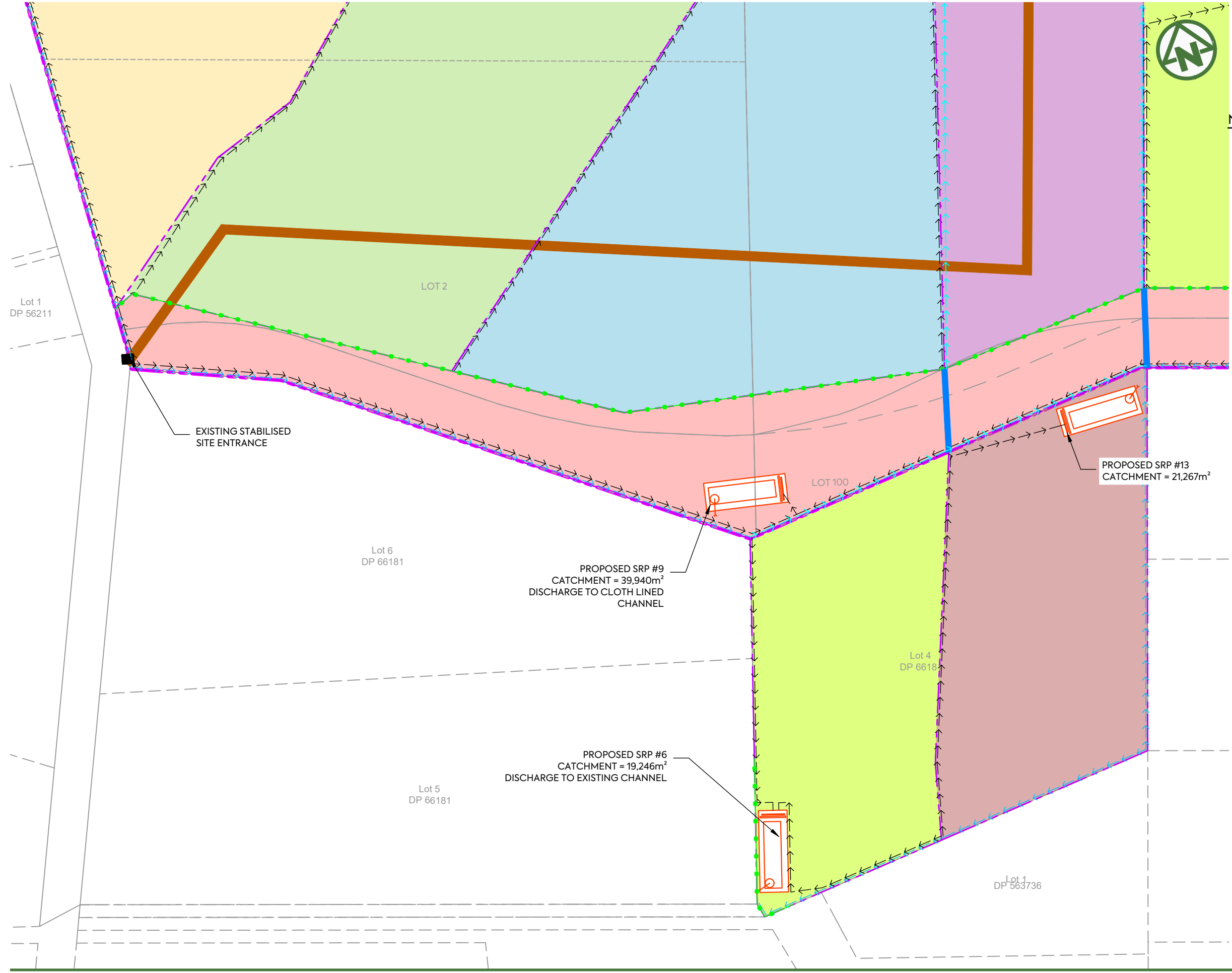
NOTE: ITS INTENDED THAT THIS PLAN IS FOR PROOF OF CONCEPT ONLY. PRIOR TO ANY EARTHWORKS STARTING A FINALISED AND DETAILED SEDIMENT AND EROSION CONTROL PLAN IS TO BE SUBMITTED TO AND APPROVED BY THE CONSENTING AUTHORITY

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS SEDIMENT CONTROL PLAN PLAN 3 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	SL	SL	SL	17/11/25

SCALE: 1:2000 @ A3
DO NOT SCALE
DRAWING NO: 3325-2-2304 REV: A



NOTES:

- REFER TO DRS 230 FOR SEDIMENT CONTROL PLAN STANDARD NOTES.

LEGEND:

SITE BOUNDARY	
SUPER SILT FENCE	
STABILISED ENTRANCE	
EXISTING CONTOURS (1m INCREMENT)	
DIRTY WATER BUND	
CLEAN WATER BUND	
SEDIMENT RETENTION POND (SRP)	
EXISTING SEDIMENT RETENTION POND (SPR) TO BE REUSED	
EXISTING OFLP	
CATCHMENT BOUNDARY	
SUB CATCHMENT BOUNDARY	
FLOW DIRECTION	
CATCHMENT HATCH	
DECANTING EARTH BUND	
HAUL ROAD	

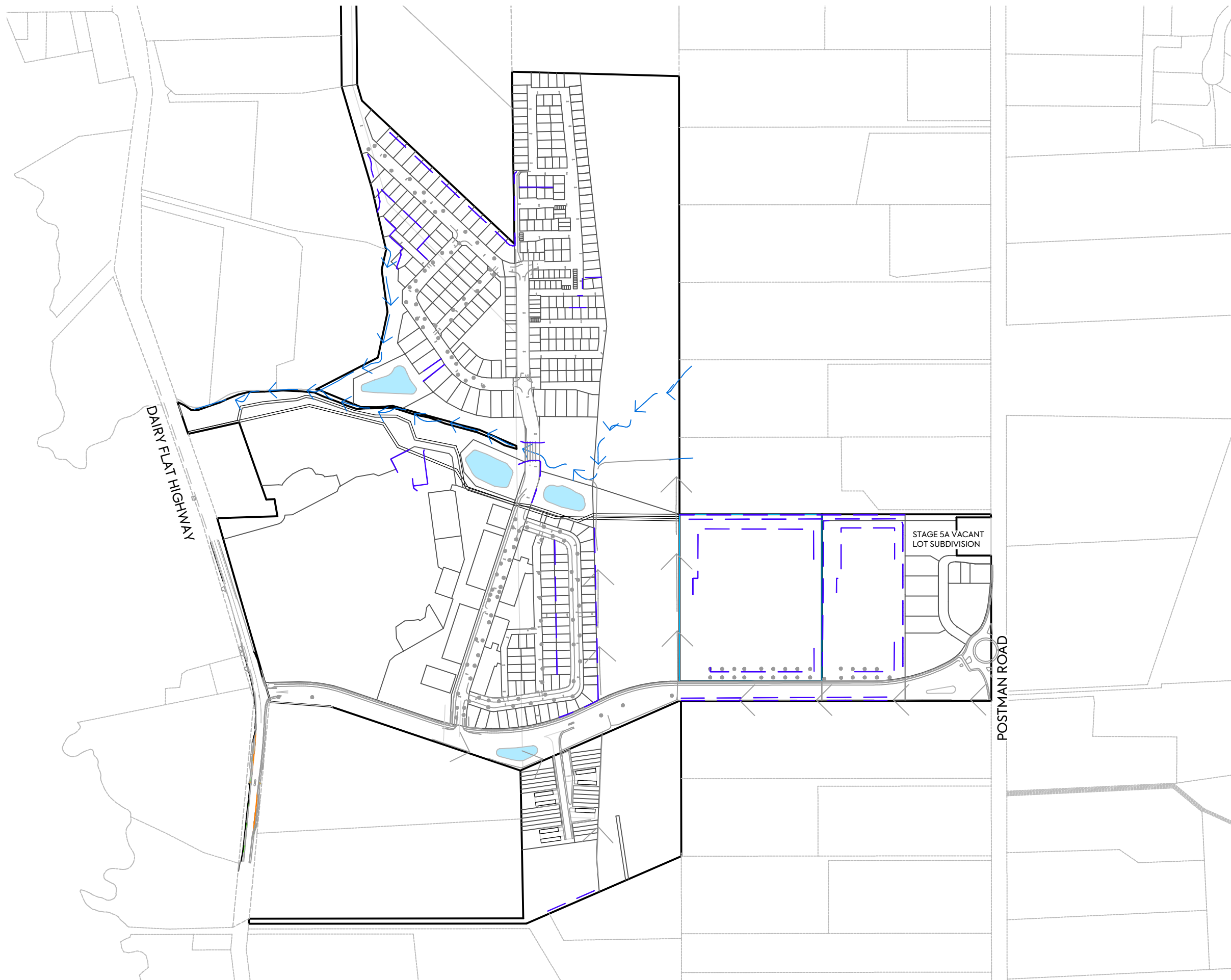
NOTE: ITS INTENDED THAT THIS PLAN IS FOR PROOF OF CONCEPT ONLY. PRIOR TO ANY EARTHWORKS STARTING A FINALISED AND DETAILED SEDIMENT AND EROSION CONTROL PLAN IS TO BE SUBMITTED TO AND APPROVED BY THE CONSENTING AUTHORITY

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS SEDIMENT CONTROL PLAN PLAN 3 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	SL	SL	SL	17/11/25

SCALE: 1:2000 @ A3
DO NOT SCALE
DRAWING NO: 3325-2-2305 REV: A



NOTES:

1. TO BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL).
2. ALL EARTHWORKS SHALL COMPLY WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR LAND DISTURBING ACTIVITIES, AC GD2016/005.
3. NO EARTHWORKS CAN COMMENCE UNTIL AN AS-BUILT SURVEY OF ALL SEDIMENT AND EROSION CONTROL DEVICES HAS BEEN COMPLETED, AND APPROVAL TO COMMENCE HAS BEEN ISSUED BY AUCKLAND COUNCIL OFFICERS.
4. UNDER-FILL DRAINAGE IS TO BE INSTALLED AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER. SHOULD THE CONTRACTOR ENCOUNTER SPRINGS OR OTHER SOURCES OF WATER, THEY ARE TO NOTIFY THE GEOTECHNICAL ENGINEER IMMEDIATELY.
5. ALL UNSUITABLE MATERIALS AS DEFINED IN THE CONTRACT SPECIFICATION IS TO BE REMOVED AND STRIPPED AREAS INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO ANY FILLING TAKING PLACE.
6. EARTHWORKS SHALL NOT EXTEND PAST THE AREA SHOWN ON THE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
7. EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING LOTS UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS TO DO SO.
8. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE.
9. THE CONTRACTOR SHALL CONFIRM THE LOCATION, LEVELS AND DETAILING OF ALL PROPOSED GEOTECHNICAL WORKS WITH THE GEOTECHNICAL ENGINEERS ON SITE PRIOR TO PROCEEDING WITH THOSE WORKS.

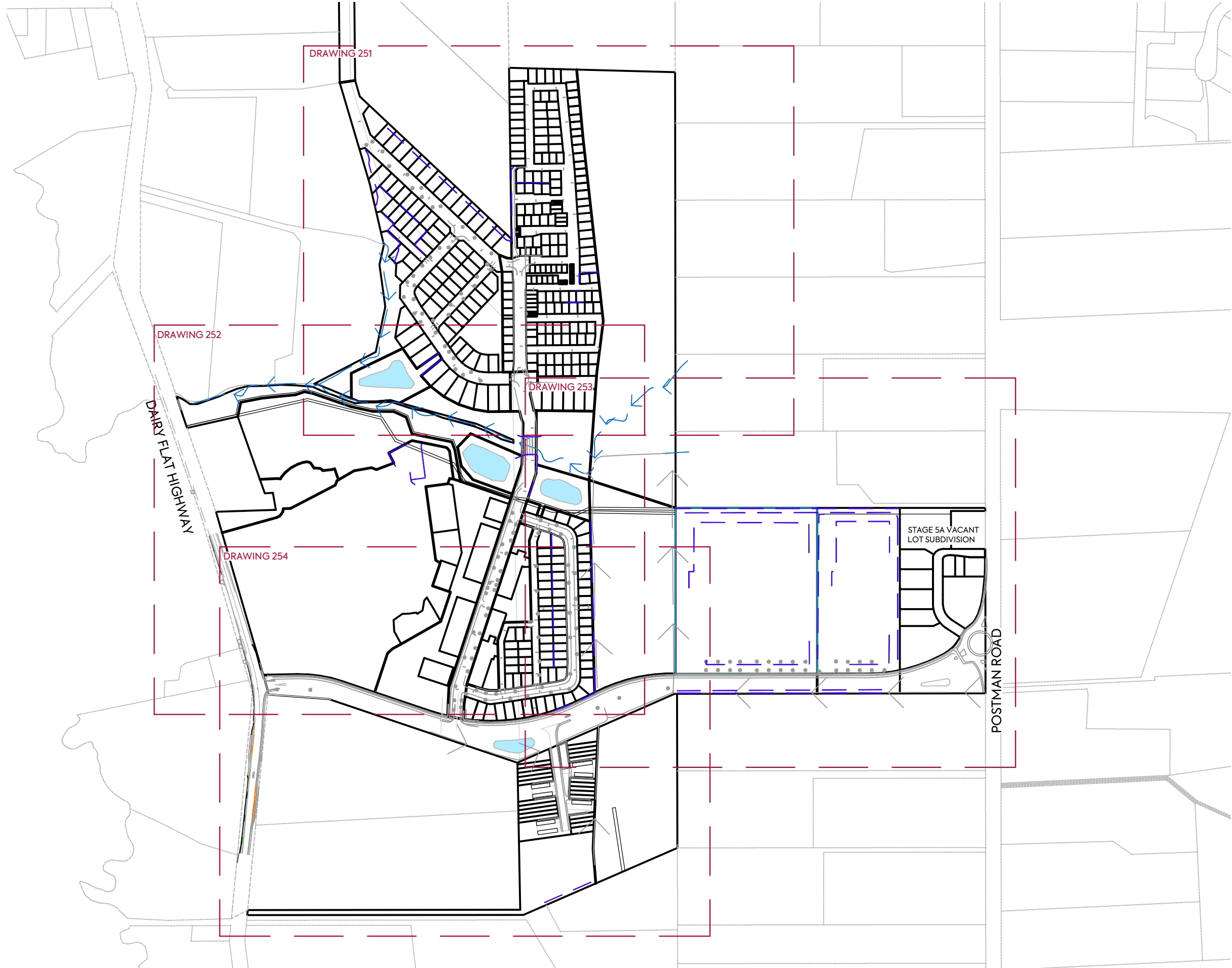
LEGEND:

SITE BOUNDARY (EXTENT OF EARTHWORKS)	
PROPOSED (1.0m) MAJOR CONTOUR	60.0
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	62.0
CADASTRAL BOUNDARY	
PROPOSED RETAINING WALL	

CLIENT:	PROJECT:	TITLE:	PURPOSE OF ISSUE:
AW HOLDINGS 2021 LIMITED	AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	EARTHWORKS PROPOSED RETAINING WALL OVERALL PLAN	FOR RESOURCE CONSENT
			SCALE: 1:5000 DO NOT SCALE
			DRAWING NO. REV:
			3325-2-2500 D

D	DRAWING UPDATE	PO	SL	JK	08/06/26
C	DRAWING UPDATE	YL	SL	SL	24/04/26
B	UPDATE	SJO	SL	JK	15/04/26
A	FIRST ISSUE	SJO	-	SL	-
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE





NOTES:

1. TO BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL).
2. ALL EARTHWORKS SHALL COMPLY WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR LAND DISTURBING ACTIVITIES, AC GD2016/005.
3. NO EARTHWORKS CAN COMMENCE UNTIL AN AS-BUILT SURVEY OF ALL SEDIMENT AND EROSION CONTROL DEVICES HAS BEEN COMPLETED, AND APPROVAL TO COMMENCE HAS BEEN ISSUED BY AUCKLAND COUNCIL OFFICERS.
4. UNDER-FILL DRAINAGE IS TO BE INSTALLED AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER. SHOULD THE CONTRACTOR ENCOUNTER SPRINGS OR OTHER SOURCES OF WATER, THEY ARE TO NOTIFY THE GEOTECHNICAL ENGINEER IMMEDIATELY.
5. ALL UNSUITABLE MATERIALS AS DEFINED IN THE CONTRACT SPECIFICATION IS TO BE REMOVED AND STRIPPED AREAS INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO ANY FILLING TAKING PLACE.
6. EARTHWORKS SHALL NOT EXTEND PAST THE AREA SHOWN ON THE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
7. EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING LOTS UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS TO DO SO.
8. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE.
9. THE CONTRACTOR SHALL CONFIRM THE LOCATION, LEVELS AND DETAILING OF ALL PROPOSED GEOTECHNICAL WORKS WITH THE GEOTECHNICAL ENGINEERS ON SITE PRIOR TO PROCEEDING WITH THOSE WORKS.

LEGEND:

SITE BOUNDARY (EXTENT OF EARTHWORKS)	
PROPOSED (1.0m) MAJOR CONTOUR	60.0
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	62.0
CADASTRAL BOUNDARY	
PROPOSED RETAINING WALL	

CLIENT: AW HOLDINGS 2021 LIMITED	PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	TITLE: EARTHWORKS PROPOSED RETAINING WALL KEY PLAN	PURPOSE OF ISSUE: FOR RESOURCE CONSENT
			SCALE: 1:5000 DO NOT SCALE
			DRAWING NO: 3325-2-2501
			REV: C

C	DRAWING UPDATE	PO	SL	JK	08/06/26
B	UPDATE	PK	SL	SL	24/04/26
A	FIRST ISSUE	-	-	-	15/04/26
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE





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- *\$ JE '8; H; 7: 'D'9E D@KD9J'E D M7D> 7H9>2; 9JH; H7M D= I \$7BB
B; L; BI 7H; 'D'J; HCl'E <7K9AB7D; L; HJ97B; 7JKC "/>

B; =; D; O

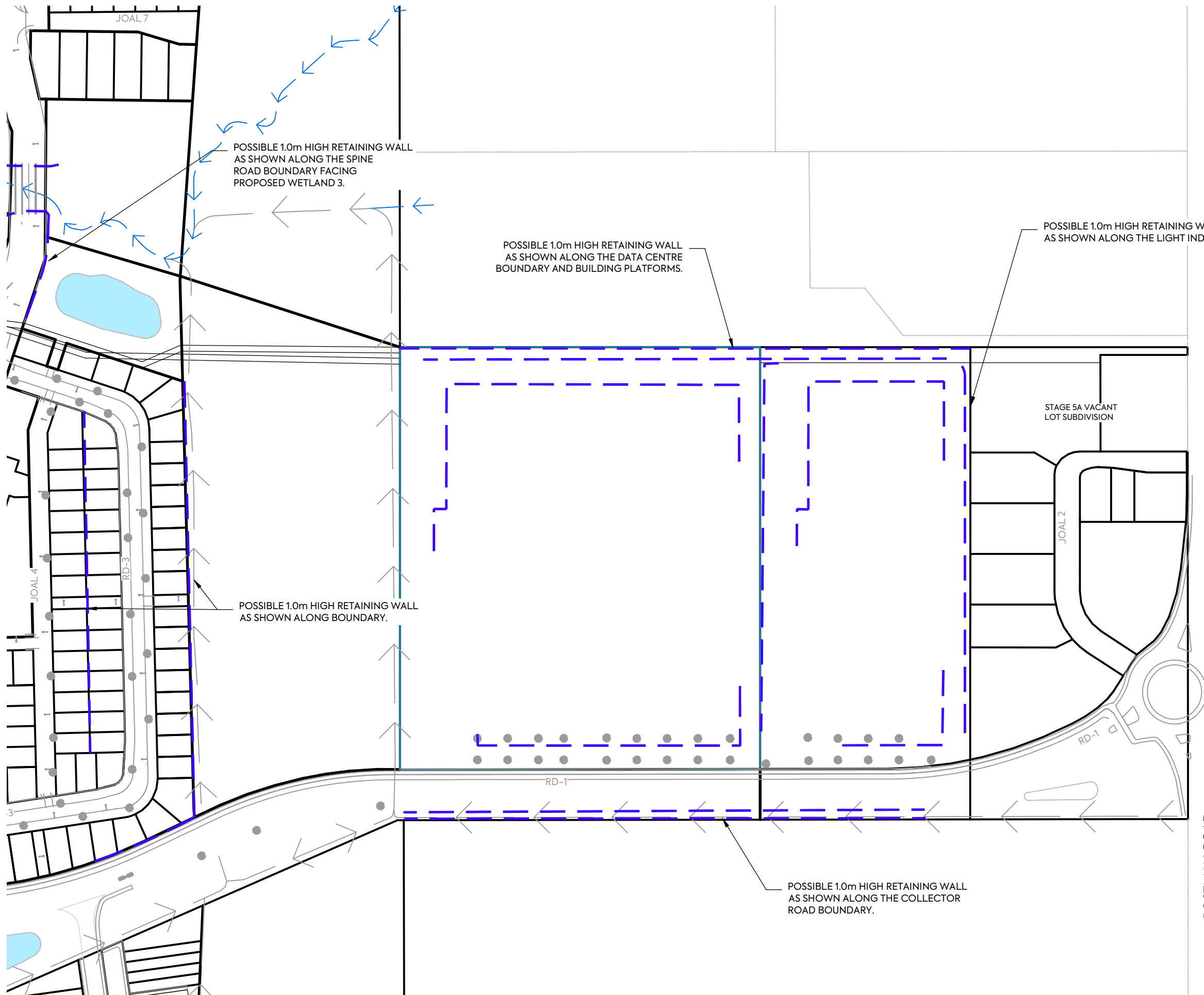
- I 2; '8E KD: 7H01; NU; DJ'E <
; 7HU>ME HAI Z

FE 11 78B: *c >? > H; J7D D = M7BB
711 > E MD 7BE D = J >; DE HJ > M; IJ; HD 8E KD: 7HOS

7HO < B7J >? > M7O

- DE J; IO
- \$ JE 8; H 7: D 9E D@KD9J E D M? > 7H9 > ?; 9JH : H7MD = I \$7BB
B; L; BI 7H: D J; HC I E < 7K9AB7D: L; HJ 97B: 7JKC "/, 1C1B2\$
 - (\$ 7BB; 7HU > ME HAI 1 > 7BB 9 E C FBOM? > J >; HE I E D 7D:
I:: C; DJ 9E DJHE B = K? ; BD; I < E HB7D: ? JKH8D = 79JL 2? I'
79 =: (&, %&& + \$
 -) \$ DE : 7HU > ME HAI 97D 9 E C C; D9; KDJ 7D 7I #8K BJ1 KHL; OE <
7BB1: ; C; DJ 7D: HE I E D 9E DJHE B: ; L9; I > 7I 8: ; D
9 E C FB: J: ; 7D: 7FFHE L7B JE 9 E C C; D9; > 7I 8: ; D 31K: ; 80
7K9AB7D: 9E KD9 8E << 9; HI \$
 - *\$ KD: ; H# < 8B: H7D7 = ; ? JE 8: DI J7BB: 7J J >; ? H 9J E D E <
J >; =; E J; 9 > D 97B: D = D; H3 > E KB: J >; 9E DJH79JE H
> D9E KDJ; H1 FHD = I E HE J >; H1E KH9; I E < M7J; H J >; O7H; JE
DE J 2 O J >; =; E J; 9 > D 97B: D = D; H C C: ; ? J; B O \$
 - + \$ 7BB KD I K 2 78B; C 7J; H 7BI 7I : ; < D: ; D J >; 9E DJH79J
I F; 9 2 9 7J E D ? JE 8: H; C E L: ; 7D: 1 JH FF; ; 7H; 7I 2 I F; 9 J:
80 J >; =; E J; 9 > D 97B: D = D; H FHE H JE 7 D O < 8B D = J7A D =
FB79; \$
 - . \$; 7HU > ME HAI 1 > 7BB DE J ; NU; D: F 7I J J >; 7H; 7I > E MD E D J >;
FB7D I M? > E KJ FHE H7FFHE L7B < HE C J >; ; D = D; ; HS
 - \$; 7HU > ME HAI 7H: DE J JE 8; ; NU; D: ; D JE 7: @E D D = BE J I
KDB; I I J >; ; D = D; ; H 5 7I ? I K: ; 1 F; 9 2 9 7D I JHK 9 J E D I JE : E
I E \$
 - . \$ J >; 9E DJH79JE H 7 H; I F E D I 8B; < E H ?; DJ 2 O D = 7D:
FHE J; 9 J D = ; N J D = 1; H L 9; 1 7D: ; H 7 D 7 =; E D I 2; \$
 - / \$ J >; 9E DJH79JE H 1 > 7BB 9 E D < HC J >; BE 97J E D * B; L; BI 7D:
:: J 7 B D = E < 7BB FHE FE I: ; =; E J; 9 > D 97B ME HAI M? > J >;
=; E J; 9 > D 97B: D = D; ; H I E D I 2; FHE H JE FHE 9: ; : D = M? >
J > E I; ME HAI \$

- B: = ; D: O
- I 2; 8E KD: 7H O 1; NU; DJ E < —————
 - ; 7HU > ME HAI Z
 - FHE FE I: ; 1 * c Z C 7 @ E H 9 E DJE KH ———— , & \$ ——
 - FHE FE I: ; 1 & c Z C 7 D E H 9 E DJE KH ———— —————
 - ; N J D = 9 E DJE KH ———— (\$ ——
 - 97: 7I JH 7 B 8 E KD: 7HO ———— —————
 - FHE FE I: ; H; J7D D = M7BB —————



- NOTES:**
1. TO BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS. ALL LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL).
 2. ALL EARTHWORKS SHALL COMPLY WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR LAND DISTURBING ACTIVITIES, AC GD2016/005.
 3. NO EARTHWORKS CAN COMMENCE UNTIL AN AS-BUILT SURVEY OF ALL SEDIMENT AND EROSION CONTROL DEVICES HAS BEEN COMPLETED, AND APPROVAL TO COMMENCE HAS BEEN ISSUED BY AUCKLAND COUNCIL OFFICERS.
 4. UNDER-FILL DRAINAGE IS TO BE INSTALLED AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER. SHOULD THE CONTRACTOR ENCOUNTER SPRINGS OR OTHER SOURCES OF WATER, THEY ARE TO NOTIFY THE GEOTECHNICAL ENGINEER IMMEDIATELY.
 5. ALL UNSUITABLE MATERIALS AS DEFINED IN THE CONTRACT SPECIFICATION IS TO BE REMOVED AND STRIPPED AREAS INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO ANY FILLING TAKING PLACE.
 6. EARTHWORKS SHALL NOT EXTEND PAST THE AREA SHOWN ON THE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
 7. EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING LOTS UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS TO DO SO.
 8. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE.
 9. THE CONTRACTOR SHALL CONFIRM THE LOCATION, LEVELS AND DETAILING OF ALL PROPOSED GEOTECHNICAL WORKS WITH THE GEOTECHNICAL ENGINEERS ON SITE PRIOR TO PROCEEDING WITH THOSE WORKS.

LEGEND:

SITE BOUNDARY (EXTENT OF EARTHWORKS)	
PROPOSED (1.0m) MAJOR CONTOUR	60.0
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	62.0
CADASTRAL BOUNDARY	
PROPOSED RETAINING WALL	

CLIENT: AW HOLDINGS 2021 LIMITED	PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	TITLE: EARTHWORKS PROPOSED RETAINING WALL SHEET 3	PURPOSE OF ISSUE: FOR RESOURCE CONSENT																								
<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">D</td> <td style="width: 65%;">DRAWING UPDATE</td> <td style="width: 15%;">PO</td> <td style="width: 5%;">SL</td> <td style="width: 5%;">JK</td> <td style="width: 10%;">08/06/26</td> </tr> <tr> <td>C</td> <td>DRAWING UPDATE</td> <td>YL</td> <td>SL</td> <td>JK</td> <td>24/04/26</td> </tr> <tr> <td>B</td> <td>DRAWING UPDATE</td> <td>SJO</td> <td>SJ</td> <td>SJ</td> <td>15/04/26</td> </tr> <tr> <td>A</td> <td>FIRST ISSUE</td> <td>SJO</td> <td>SJ</td> <td>SJ</td> <td>-</td> </tr> </table>			D	DRAWING UPDATE	PO	SL	JK	08/06/26	C	DRAWING UPDATE	YL	SL	JK	24/04/26	B	DRAWING UPDATE	SJO	SJ	SJ	15/04/26	A	FIRST ISSUE	SJO	SJ	SJ	-	<p>SCALE: 1:2000 DO NOT SCALE</p> <p>DRAWING NO: 3325-2-2504 REV: D</p>
D	DRAWING UPDATE	PO	SL	JK	08/06/26																						
C	DRAWING UPDATE	YL	SL	JK	24/04/26																						
B	DRAWING UPDATE	SJO	SJ	SJ	15/04/26																						
A	FIRST ISSUE	SJO	SJ	SJ	-																						





DE J; IO

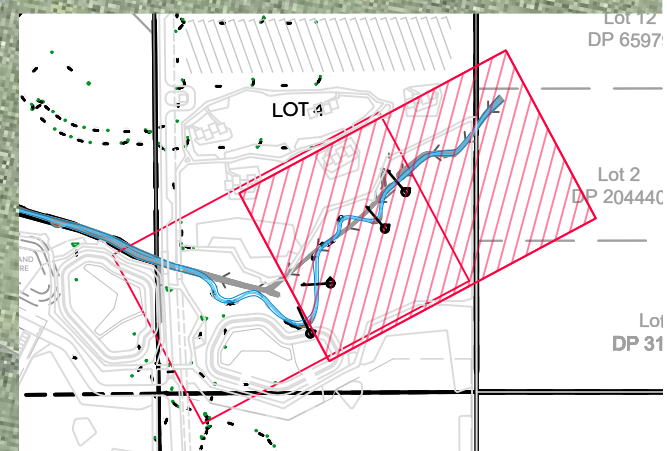
*\$ JE 'B; H; 7: 'D'9E D@KD9J'E D M2> 7H9>2; 9JH ; H7M2=I \$7BB
B: L; BI 7H: 'D'J: H C I 'E < 7K9AB7D: L; HJ'97B: 7JKC ' / , 1C1B2\$
(\$ 7BB; 7HU>ME HAI 1 > 7BB'9E C FBOM2>J>; ; HE I'E D 7D:
I: ; C; DJ'9E DJHE B=K2 ; BD: I <E HB7D: ; 7JKH82= 79JL22.1'
79 =: (& , %&&+\$
) \$ DE ; 7HU>ME HAI '9D'9E C C; D9; KDJ'27D'7I #8K'BJ1KHL; OE <
7BB1; ; C; DJ 7D: ; HE I'E D'9E DJHE B; ; L'9; I > 7I '8; ; D
9E C FB; J; ; '7D: 7FFHE L7B'JE '9E C C; D9; > 7I '8; ; D 7IK; : '80
7K9AB7D: '9E KD9'BE <<79; HI \$
*\$ KD: ; H#<BB: H72D7=; 7'JE '8; 'DI J7BB; 7J'J>; ; 7H 9J'E D E <
J>; ; E J; 9>D'97B; D=D; ; H9I >E KB: J>; '9E DJH79JE H
'D9E KDJ; H1FHD=I 'E HE J>; H1E KH9; I 'E <M7J; H'J>; O7H; JE
DE J'2OJ>; ; E J; 9>D'97B; D=D; ; H'7C C; : 7J; B0\$
+\$ 7BB'KD1K278B; C 7J; H7BI 7I ; ; <D; ; 'D'J>; '9E DJH79J
I F; 9'2'97J'E D 7'JE '8; H; C E L; ; 7D: 1JHFF; ; 7H; 7I 'DIF; 9J; ;
80J>; ; E J; 9>D'97B; D=D; ; HFHE H'JE '7DO<'BB'D= J7A'D=
FB79; \$
, \$; 7HU>ME HAI 1 > 7BB'DE J ; NU; D: 'F7I J'J>; 7H; 7I >E MD E D J'J>;
FB7DI M2>E KJ'FHE H7FFHE L7B<'HE C'J>; ; D=D; ; HS
-\$; 7HU>ME HAI 7H; DE J'JE '8; ; NU; D: ; 'D'JE 7; @E 'D'D= BE JI
KDB; I I J>; ; D=D; ; H'5>7I 7IK; ; 1F; 9'2'9'7DI JHK9J'E DI JE ; E
IE \$
. \$ J>; '9E DJH79JE H7I H; I FE DI '8B; 'E H'2; DJ'2O'D= 7D:
FHE J; 9J'D= ; N J'D= 1; HL'9; I 7D: ; H72D7=; E D I 2; \$
/ \$ J>; '9E DJH79JE H1 > 7BB'9E D <HC J>; 'BE 97J'E D 'B; L; BI 7D:
:: J7'2D= E < 7BB'FHE FE I; ; E J; 9>D'97B' ME HAI M2>J>;
=; E J; 9>D'97B; D=D; ; HI 'E D I 2; FHE H'JE 'FHE 9; ; D= M2>
J>E I; ME HAI \$

B; =; D; O

I 2; '8E KD: 7HO1; NU; DJ'E < 7HU>ME HAI Z
FHE FE I; : 1' &c 7C 7@E H'9E DJE KH
FHE FE I; : 1& c 7C 7D E H'9E DJE KH
' N J'D= '9E DJE KHI
97: 7I JH7B'8E KD: 7HO
FHE FE I; : H; J72D'D= M7BB

9B2 DJO FHE @ 9JO J2B; 0 FKHE I; E < 7IK: O
7M '>E B: 'D=I '(&' "
B'7C 2; ; 7K9AB7D: 1 KH<'F7HA
') +& ; 7'HO'<B7J' > ? = > M7O
: 7'HO'<B7J'"7K9AB7D:
; 7HU>ME HAI
FHE FE I; : 'H; J72D'D= 'M7BB"
I >; J '*
<E H' : H7 <J'E DBO"



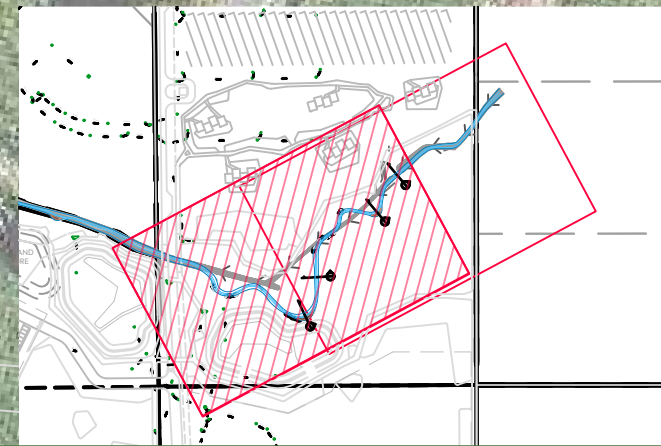
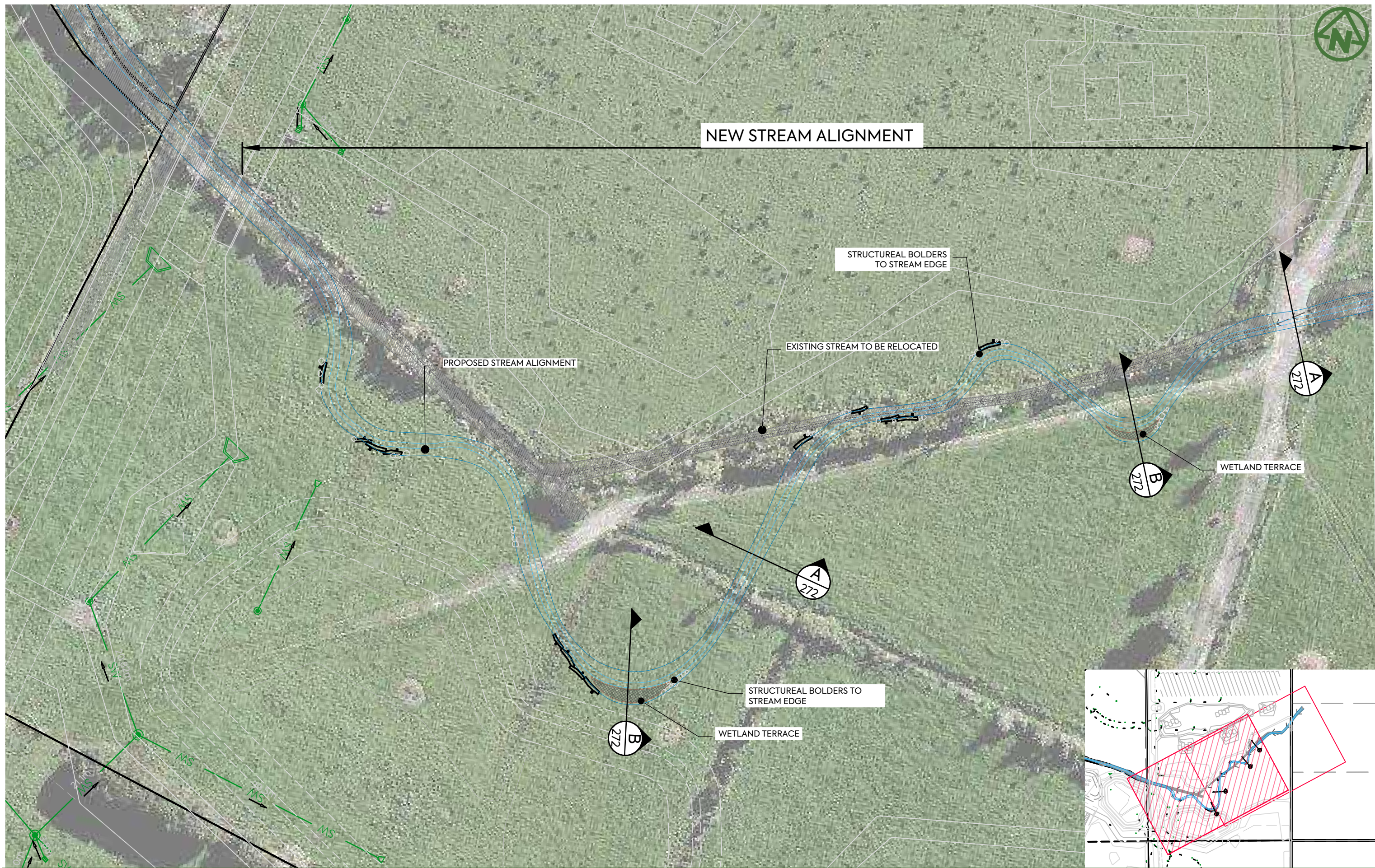


CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: STREAM PLAN SHEET 1 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	NS	SL	JK	13/01/26

SCALE: 1:500
DO NOT SCALE
DRAWING NO: 3325-2-2700 REV: A



CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

STREAM
PLAN
SHEET 2

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:500

DO NOT SCALE

DRAWING NO:

3325-2-2701

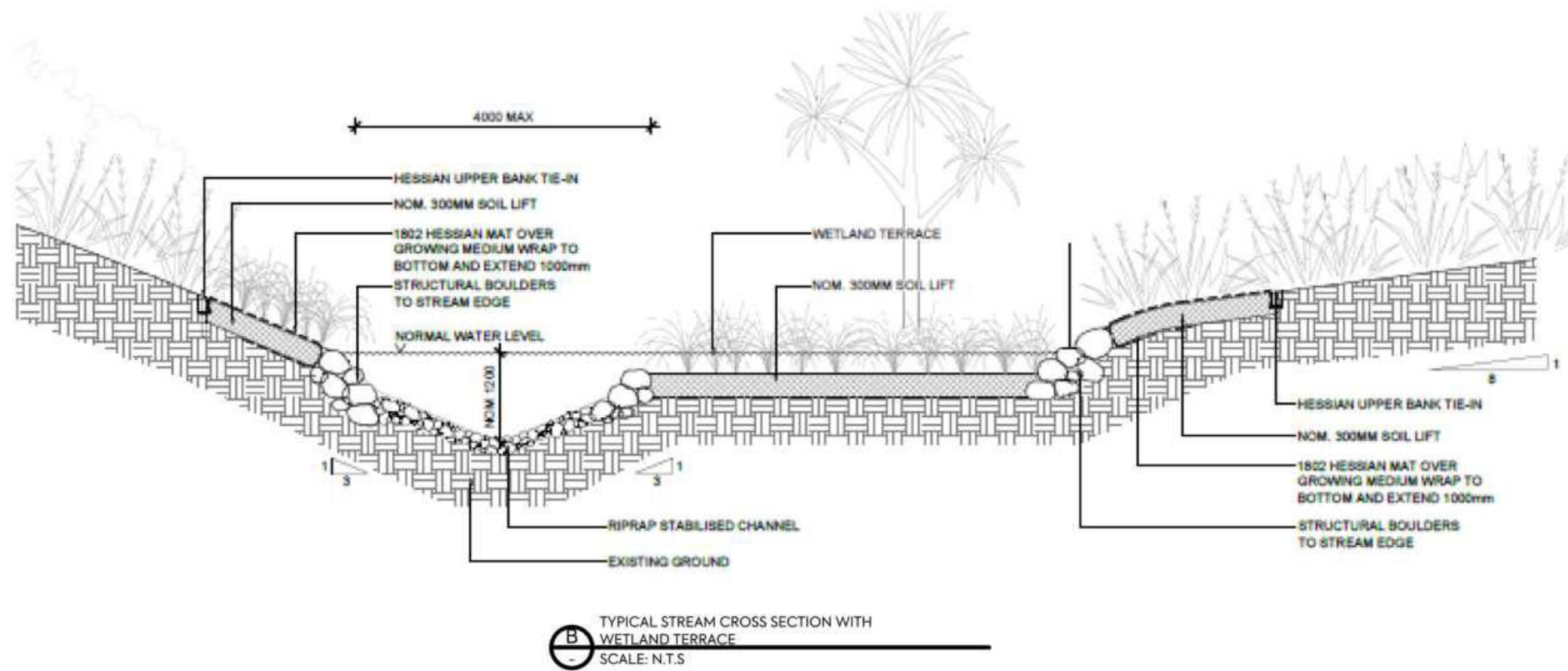
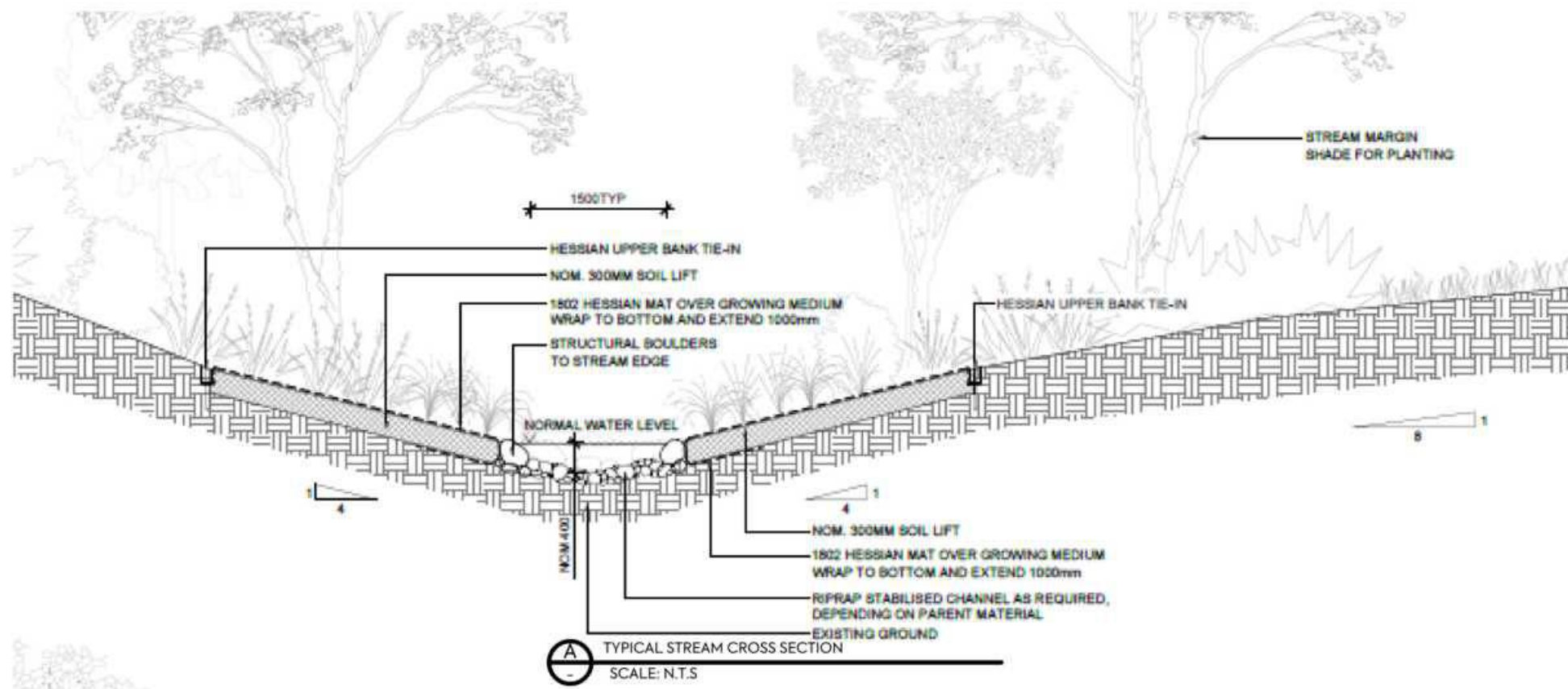
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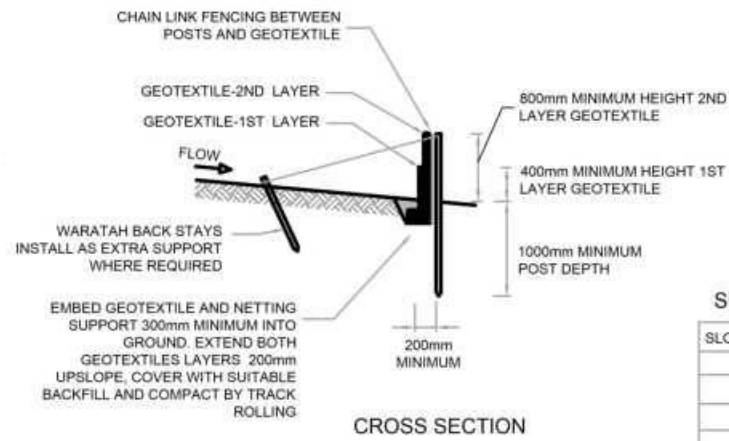
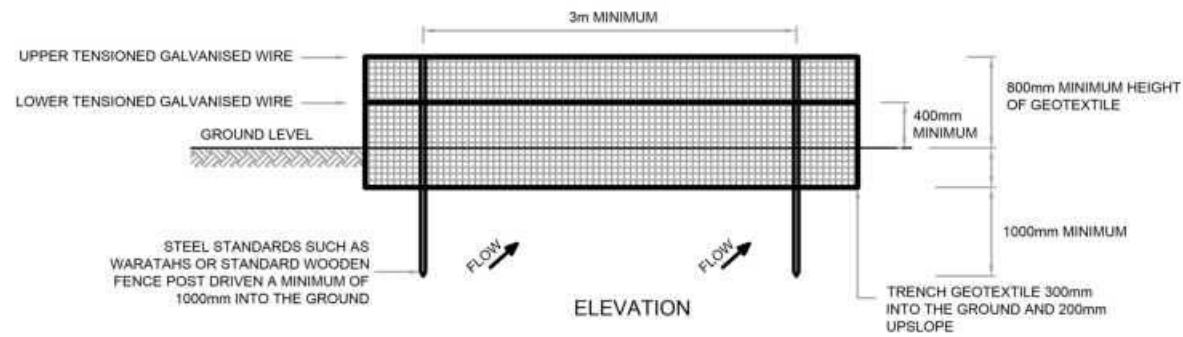
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	NS	SL	JK	13/01/26

NOTES:
REFER TO LANDSCAPE
DRAWINGS FOR DETAILS





SUPER SILT FENCE DESIGN CRITERIA:

SLOPE STEEPNESS %	SLOPE LENGTH (m) (MAXIMUM)	SPACING OF RETURNS (m)
0-10%	UNLIMITED	60
10-20%	60	50
20-33%	30	40
33-50%	30	30
>50%	15	20

SUPER SILT FENCE CONSTRUCTION

STABILISED CONSTRUCTION ENTRANCE SPECIFICATIONS:

APPLICATION

USE A STABILISED CONSTRUCTION ENTRANCE AT ALL POINTS OF CONSTRUCTION SITE INGRESS AND EGRESS WITH A CONSTRUCTION PLAN LIMITING TRAFFIC TO THESE ENTRANCES ONLY. THEY ARE PARTICULARLY USEFUL ON SMALL CONSTRUCTION SITES BUT CAN BE UTILISED FOR ALL PROJECTS.

DESIGN:

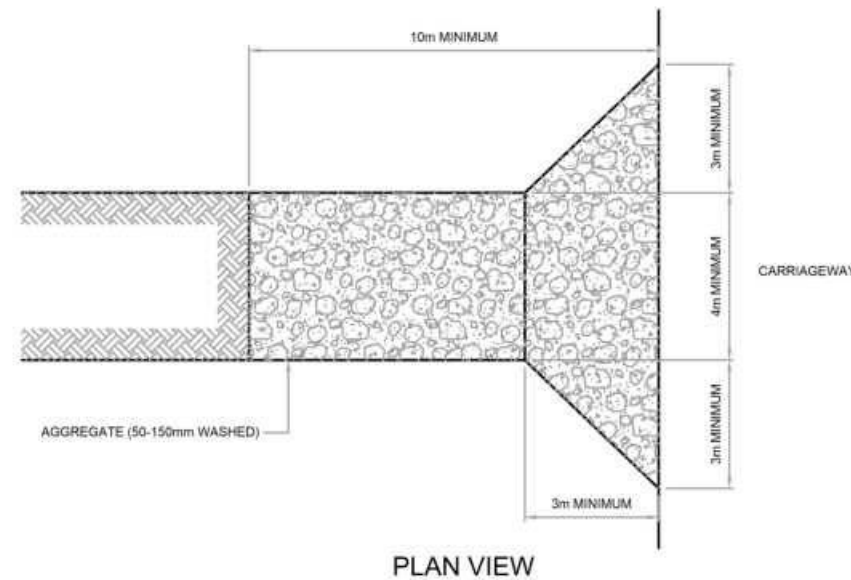
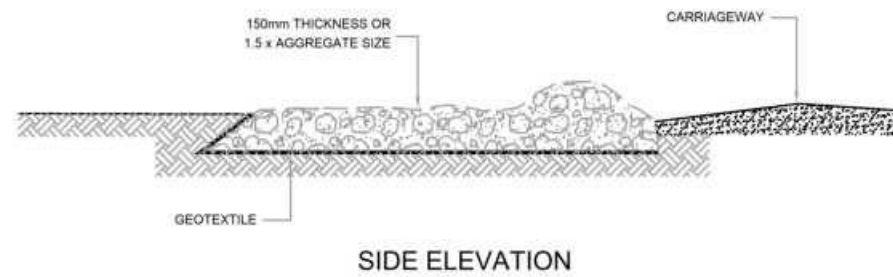
- CLEAR THE ENTRANCE AND EXIT AREA OF ALL VEGETATION, ROOTS AND OTHER UNSUITABLE MATERIAL AND PROPERLY GRADE IT.
- LAY WOVEN GEOTEXTILE; PIN DOWN EDGES AND OVERLAP JOINTS.
- PROVIDE DRAINAGE TO CARRY RUNOFF FROM THE STABILISED CONSTRUCTION ENTRANCE TO A SEDIMENT CONTROL MEASURE.
- PLACE AGGREGATE TO THE SPECIFICATIONS BELOW AND SMOOTH IT.

STABILISED CONSTRUCTION ENTRANCE AGGREGATE SPECIFICATIONS:

AGGREGATE SIZE	5-150mm WASHED AGGREGATE
THICKNESS	150mm MINIMUM OR 1.5 X AGGREGATE SIZE
LENGTH	10m MINIMUM LENGTH RECOMMENDED
WIDTH	4m MINIMUM

MAINTENANCE

- MAINTAIN THE STABILISED CONSTRUCTION ENTRANCE IN A CONDITION TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. AFTER EACH RAINFALL INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT FROM THE STABILISED CONSTRUCTION ENTRANCE AND CLEAN OUT AS NECESSARY.
- WHEN WHEEL WASHING IS ALSO REQUIRED, ENSURE THIS IS DONE ON AN AREA STABILISED WITH AGGREGATE WHICH DRAINS TO AN APPROVED SEDIMENT RETENTION FACILITY.



STABILISED CONSTRUCTION ENTRANCE



CLIENT:
AW HOLDINGS 2021 LIMITED

PROJECT:
**AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND**

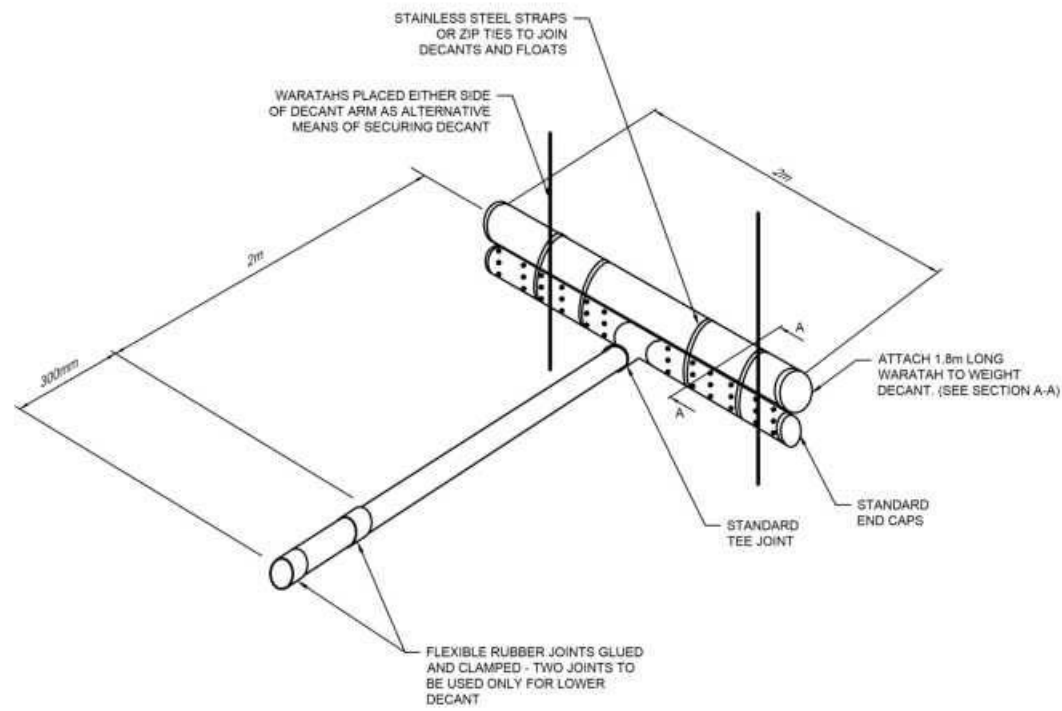
TITLE:
**EARTHWORKS
EROSION AND SEDIMENT
CONTROL DETAILS
SHEET 1**

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

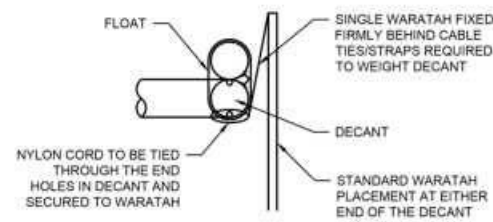
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DRAWING NO: **3325-2-2900** REV: **A**

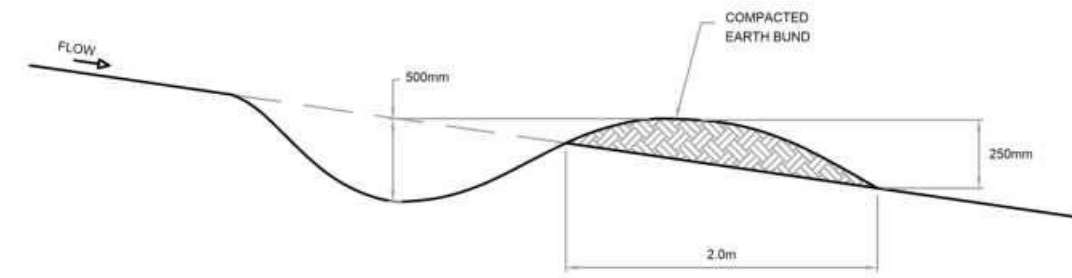
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	SL	SL	07/11/25



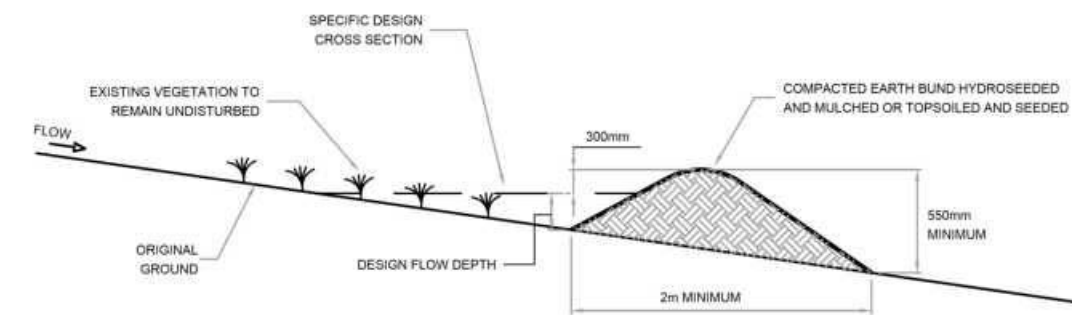
DECANT WITH UPSTAND FOR DECANTING EARTH BUND



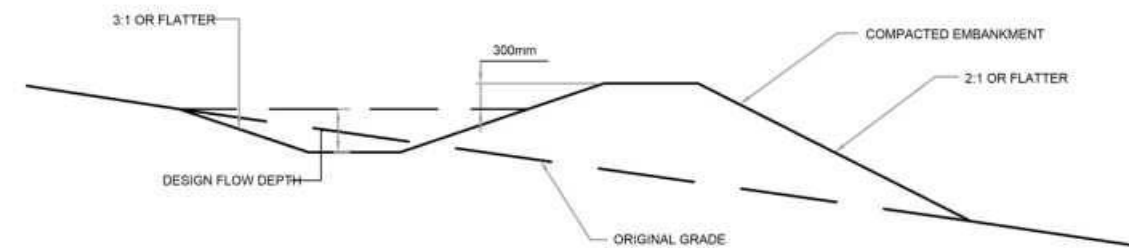
SECTION A-A



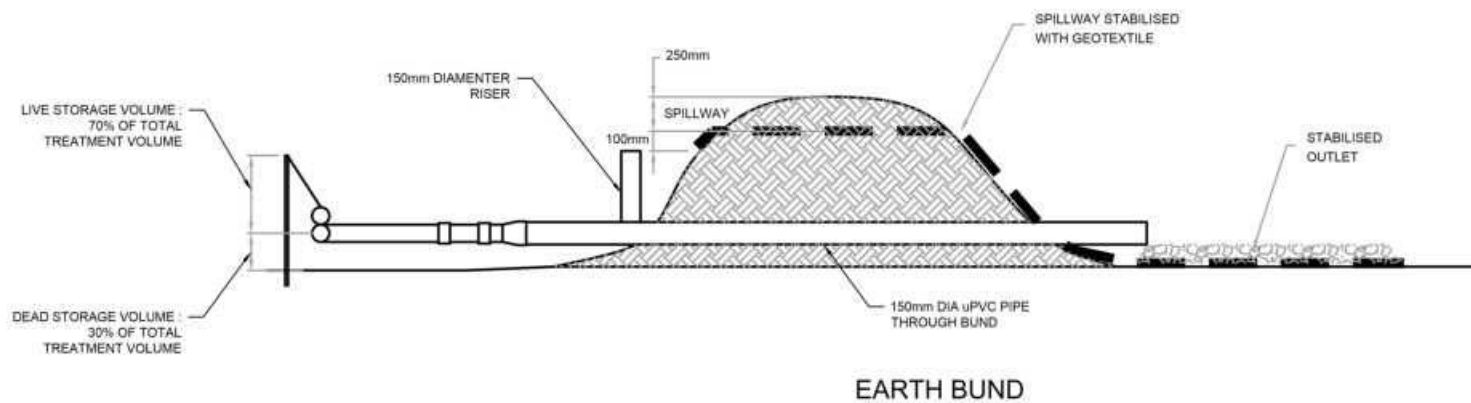
CONTOUR DRAIN



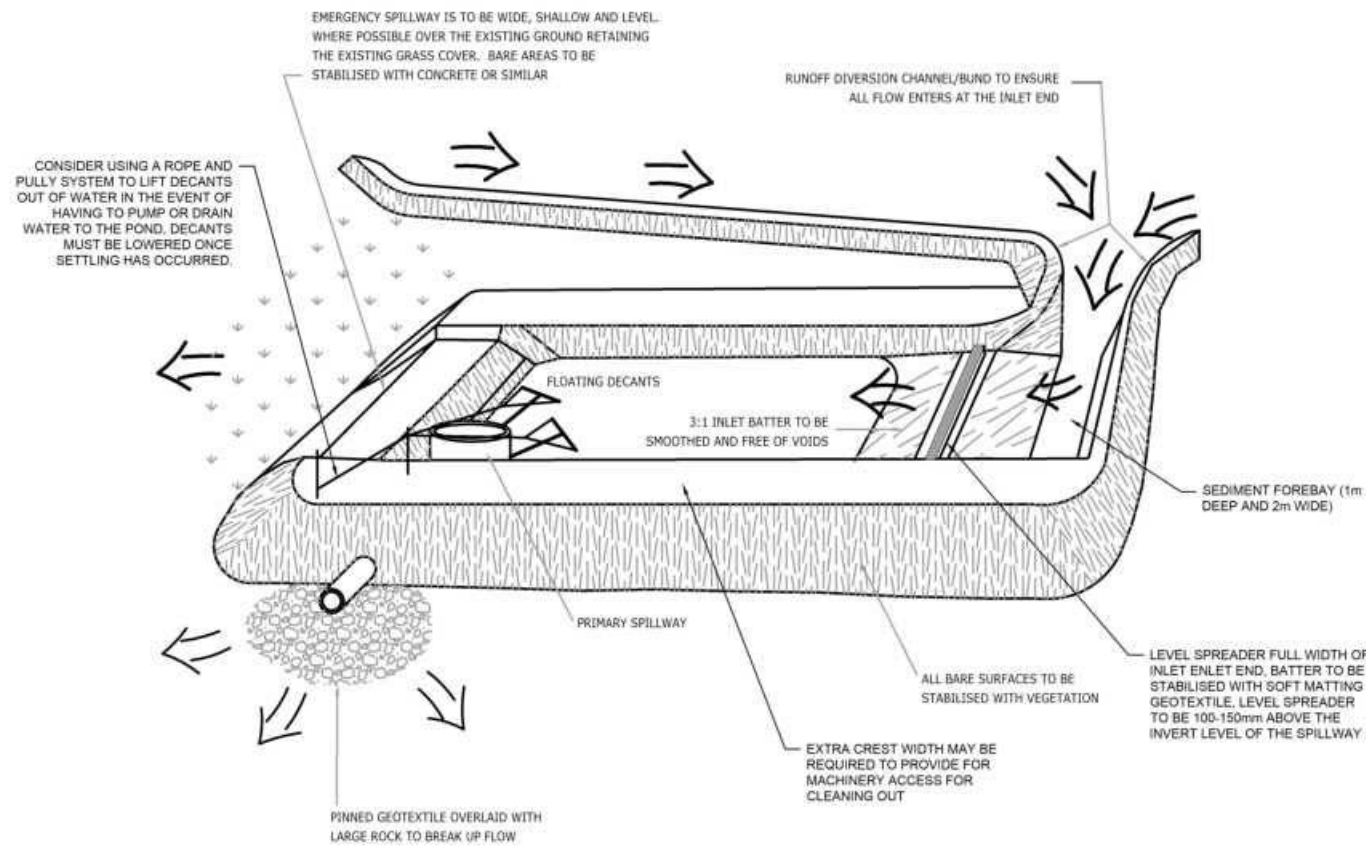
CLEANWATER RUNOFF DIVERSION BUND - CROSS SECTION



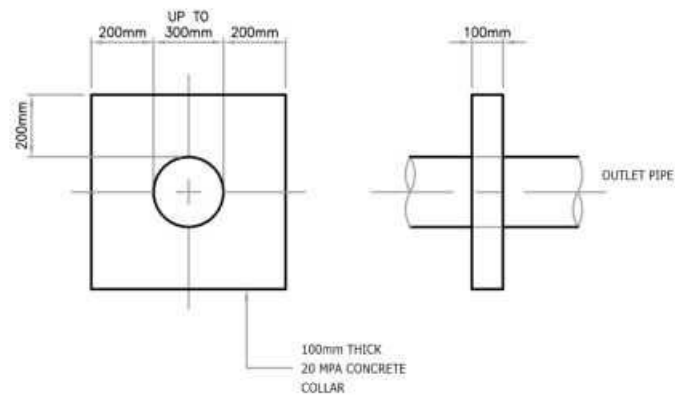
RUNOFF DIVERSION BUND - CROSS SECTION



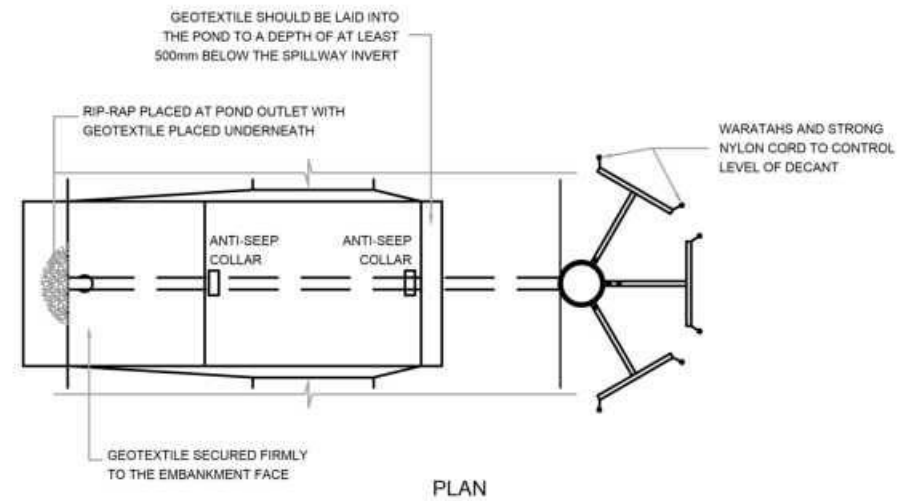
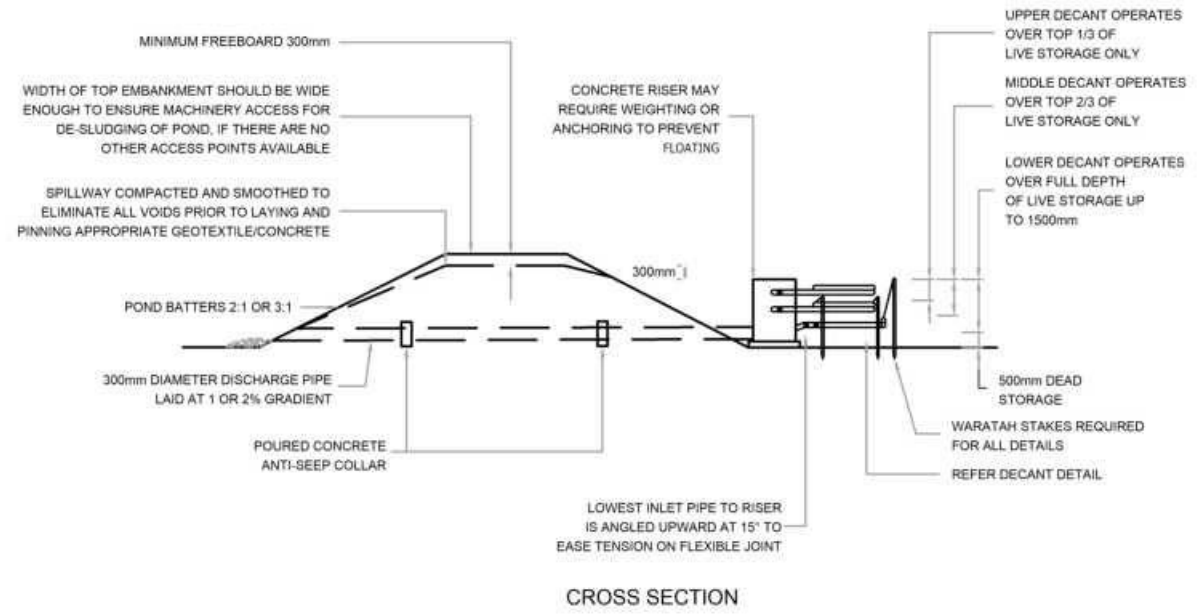
EARTH BUND



SEDIMENT RETENTION POND



ANTI-SEEP COLLAR



SEDIMENT RETENTION POND

NUMBER OF DECANTS FOR EACH POND SHALL BE AS FOLLOWS:

- I) UP TO 1.5HA CATCHMENT - 1 DECANT
- II) 1.5-3.0HA CATCHMENT - 2 DECANTS
- III) 3 TO 5 HA CATCHMENT - 3 DECANTS

CLIENT:

AW HOLDINGS 2021 LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

EARTHWORKS
EROSION AND SEDIMENT
CONTROL DETAILS
SHEET 3

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:

N.T.S.

DO NOT SCALE

DRAWING NO:

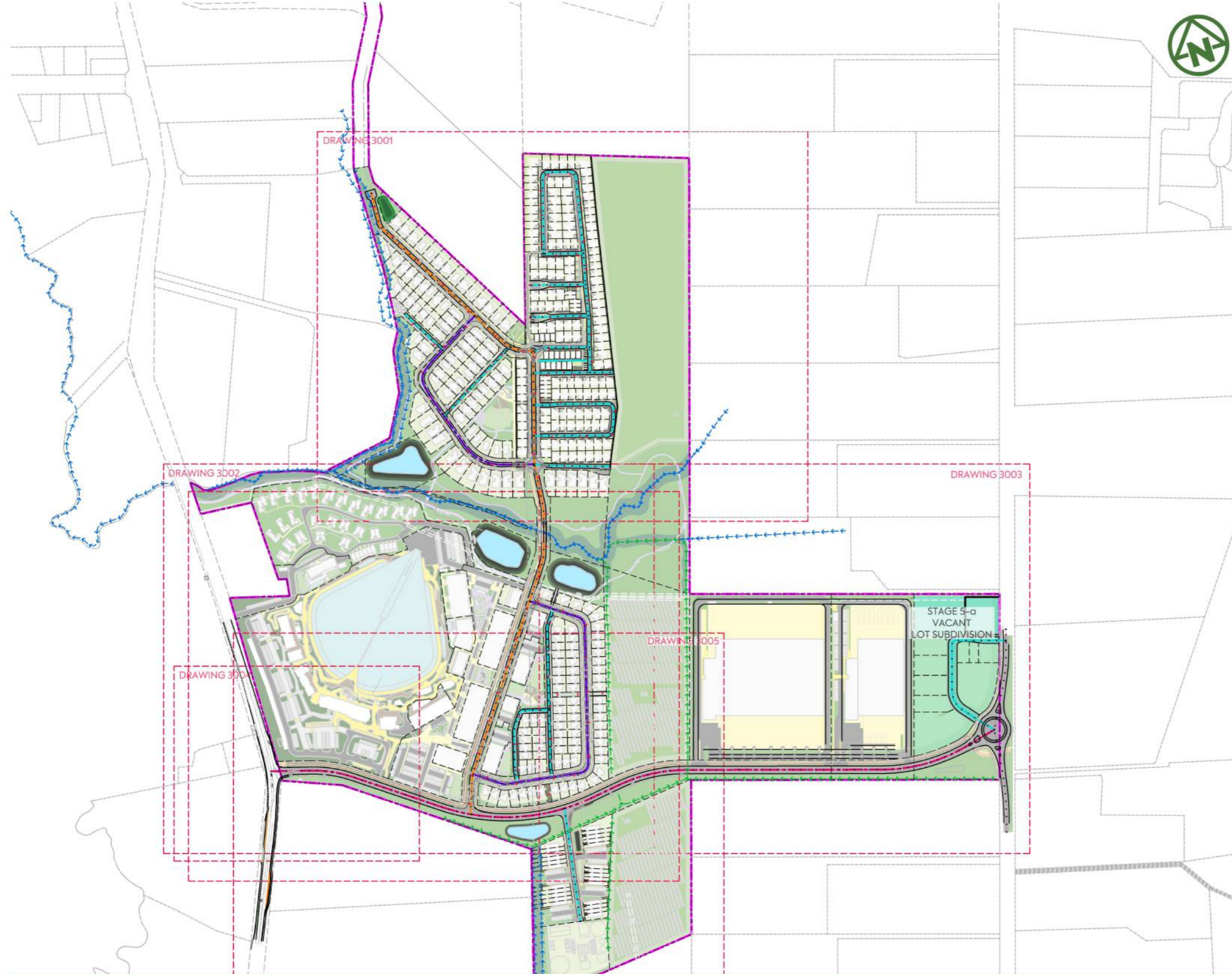
3325-2-2902

REV:

A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	SL	SL	07/11/25



NOTES:

- 1. ALL WORK AND MATERIALS TO COMPLY WITH AUCKLAND TRANSPORT DESIGN MANUAL (TDM). ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND COUNCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
- 3. ROAD SETOUT DATA SHOWN ON 300 SERIES DRAWINGS IS TO BE PROVIDED ELECTRONICALLY.
- 5. VEHICLE ACCESSWAYS FOR JOAL SHALL BE AS PER AT COMMERCIAL VEHICLE STANDARD DRAWING GD019A-1B. ALL OTHER VEHICLE CROSSINGS SHALL BE AS PER AT DRAWING GD017A-1B.
- 6. REFER TO LANDSCAPE ARCHITECTS FOR STREET TREE DETAILS. TREES SHOWN ON PLAN ARE INDICATIVE ONLY.

LEGEND:

- SITE BOUNDARY
- FUTURE LOT BOUNDARY (SUBJECT TO SEPARATE APPLICATION)
- PROPOSED EDGE OF CARRIAGEWAY
- PROPOSED FOOTPATH STANDARD BROOM FINISH
- PROPOSED ASPHALTIC CONCRETE CARRIAGEWAY
- PROPOSED CYCLEWAY
- PROPOSED GRASS BERM
- EXISTING STREAM
- PROPOSED SWALE
- ROAD CENTRELINE - COLLECTOR
- ROAD CENTRELINE - SPLINE
- ROAD CENTRELINE - LOCAL
- ROAD CENTRELINE - JOAL
- CONSTRUCTED WETLAND

<p>CLIENT: AW HOLDINGS 2021 LIMITED</p>	<p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: ROADING OVERALL PLAN</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p> <p>SCALE: 1:5000 DO NOT SCALE</p> <p>DRAWING NO: 3325-2-3000 REV: E</p>
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
E	DRAWING UPDATE	PK	SL	JK	08/06/26
D	DRAWING UPDATE	YL	SL	JK	24/04/26
C	DRAWING UPDATE	SJO	SL	SL	15/04/26
B	DRAWING UPDATE	SH	SL	JK	13/01/26
A	FIRST ISSUE	ZW	AL	JK	07/11/25





NOTES:

1. ALL WORK AND MATERIALS TO COMPLY WITH AUCKLAND TRANSPORT DESIGN MANUAL (TDM). ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND COUNCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
3. ROAD SETOUT DATA SHOWN ON 300 SERIES DRAWINGS IS TO BE PROVIDED ELECTRONICALLY.
5. VEHICLE ACCESSWAYS FOR JOAL SHALL BE AS PER AT COMMERCIAL VEHICLE STANDARD DRAWING GD019A-1B. ALL OTHER VEHICLE CROSSINGS SHALL BE AS PER AT DRAWING GD017A-1B.
6. REFER TO LANDSCAPE ARCHITECTS FOR STREET TREE DETAILS. TREES SHOWN ON PLAN ARE INDICATIVE ONLY.

LEGEND:

- SITE BOUNDARY
- FUTURE LOT BOUNDARY (SUBJECT TO SEPARATE APPLICATION)
- PROPOSED EDGE OF CARRIAGEWAY
- PROPOSED FOOTPATH STANDARD BROOM FINISH
- PROPOSED ASPHALTIC CONCRETE CARRIAGEWAY
- PROPOSED CYCLEWAY
- PROPOSED GRASS BERM
- EXISTING STREAM
- PROPOSED SWALE
- ROAD CENTRELINE - COLLECTOR
- ROAD CENTRELINE - SPLINE
- ROAD CENTRELINE - LOCAL
- ROAD CENTRELINE - JOAL

CONSTRUCTED WETLAND



TO BE DESIGNED BY LANDSCAPE ARCHITECT

TO BE DESIGNED BY LANDSCAPE ARCHITECT

CLIENT:

PROJECT:

TITLE:

PURPOSE OF ISSUE:



AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING PLAN
SHEET 1

FOR RESOURCE CONSENT

SCALE:
1:2000

DO NOT SCALE

DRAWING NO. REV:

3325-2-3001 B

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
B	DRAWING UPDATES	SH	SL	JK	13/01/26
A	FIRST ISSUE	ZW	AL	JK	07/11/25



NOTES:

- 1. ALL WORK AND MATERIALS TO COMPLY WITH AUCKLAND TRANSPORT DESIGN MANUAL (TDM). ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND COUNCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
- 3. ROAD SETOUT DATA SHOWN ON 300 SERIES DRAWINGS IS TO BE PROVIDED ELECTRONICALLY.
- 5. VEHICLE ACCESSWAYS FOR JOAL SHALL BE AS PER AT COMMERCIAL VEHICLE STANDARD DRAWING GD019A-1B. ALL OTHER VEHICLE CROSSINGS SHALL BE AS PER AT DRAWING GD017A-1B.
- 6. REFER TO LANDSCAPE ARCHITECTS FOR STREET TREE DETAILS. TREES SHOWN ON PLAN ARE INDICATIVE ONLY.

LEGEND:

SITE BOUNDARY	—
FUTURE LOT BOUNDARY (SUBJECT TO SEPARATE APPLICATION)	- - -
PROPOSED EDGE OF CARRIAGEWAY	—
PROPOSED FOOTPATH STANDARD BROOM FINISH	—
PROPOSED ASPHALTIC CONCRETE CARRIAGEWAY	—
PROPOSED CYCLEWAY	—
PROPOSED GRASS BERM	—
EXISTING STREAM	—
PROPOSED SWALE	—
ROAD CENTRELINE - COLLECTOR	—
ROAD CENTRELINE - SPLINE	—
ROAD CENTRELINE - LOCAL	—
ROAD CENTRELINE - JOAL	—

CONSTRUCTED WETLAND



CLIENT:

AW HOLDINGS 2021 LIMITED

PROJECT:

**AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND**

TITLE:

**ROADING
PLAN
SHEET 2**

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:2000

DO NOT SCALE

DRAWING NO.:

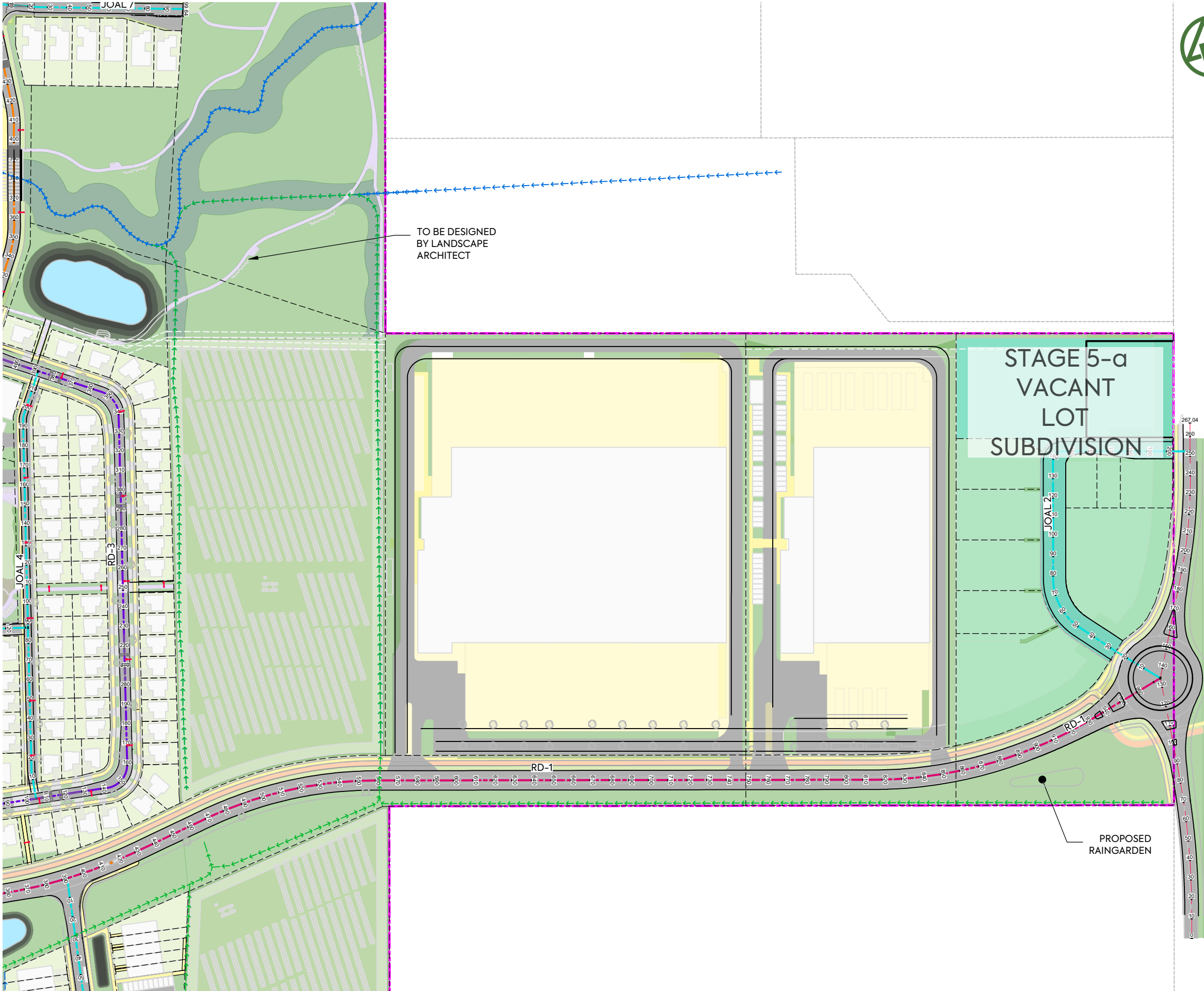
3325-2-3002

REV:

B



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
B	DRAWING UPDATES	SH	SL	JK	13/01/26
A	FIRST ISSUE	ZW	AL	JK	07/11/25

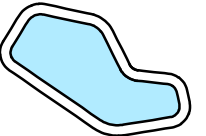


NOTES:

1. ALL WORK AND MATERIALS TO COMPLY WITH AUCKLAND TRANSPORT DESIGN MANUAL (TDM). ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND COUNCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
3. ROAD SETOUT DATA SHOWN ON 300 SERIES DRAWINGS IS TO BE PROVIDED ELECTRONICALLY.
5. VEHICLE ACCESSWAYS FOR JOAL SHALL BE AS PER AT COMMERCIAL VEHICLE STANDARD DRAWING GD019A-1B. ALL OTHER VEHICLE CROSSINGS SHALL BE AS PER AT DRAWING GD017A-1B.
6. REFER TO LANDSCAPE ARCHITECTS FOR STREET TREE DETAILS. TREES SHOWN ON PLAN ARE INDICATIVE ONLY.

LEGEND:

- SITE BOUNDARY ———
- FUTURE LOT BOUNDARY (SUBJECT TO SEPARATE APPLICATION) - - - - -
- PROPOSED EDGE OF CARRIAGEWAY ———
- PROPOSED FOOTPATH STANDARD BROOM FINISH ———
- PROPOSED ASPHALTIC CONCRETE CARRIAGEWAY ———
- PROPOSED CYCLEWAY ———
- PROPOSED GRASS BERM ———
- EXISTING STREAM ———
- PROPOSED SWALE ———
- ROAD CENTRELINE - COLLECTOR - - - - -
- ROAD CENTRELINE - SPLINE - - - - -
- ROAD CENTRELINE - LOCAL - - - - -
- ROAD CENTRELINE - JOAL - - - - -



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
E	DRAWING UPDATE	PK	SL	JK	08/06/26
D	DRAWING UPDATE	YL	SL	JK	24/04/26
C	DRAWING UPDATE	SJO	SL	SL	15/04/26
B	DRAWING UPDATE	SH	SL	JK	13/01/26
A	FIRST ISSUE	ZW	AL	JK	07/11/25



CLIENT: **AW HOLDINGS 2021 LIMITED**

PROJECT: **AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND**

ROADING
PLAN
SHEET 3

PURPOSE OF ISSUE: **FOR RESOURCE CONSENT**

SCALE: **1:2000**

DO NOT SCALE

DRAWING NO: **3325-2-3003**

REV: **E**



NOTES:

1. ALL WORK AND MATERIALS TO COMPLY WITH AUCKLAND TRANSPORT DESIGN MANUAL (TDM). ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND COUNCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
3. ROAD SETOUT DATA SHOWN ON 300 SERIES DRAWINGS IS TO BE PROVIDED ELECTRONICALLY.
5. VEHICLE ACCESSWAYS FOR JOAL SHALL BE AS PER AT COMMERCIAL VEHICLE STANDARD DRAWING GD019A-1B. ALL OTHER VEHICLE CROSSINGS SHALL BE AS PER AT DRAWING GD017A-1B.
6. REFER TO LANDSCAPE ARCHITECTS FOR STREET TREE DETAILS. TREES SHOWN ON PLAN ARE INDICATIVE ONLY.

LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY (SUBJECT TO SEPARATE APPLICATION)	
PROPOSED EDGE OF CARRIAGEWAY	
PROPOSED FOOTPATH STANDARD BROOM FINISH	
PROPOSED ASPHALTIC CONCRETE CARRIAGEWAY	
PROPOSED CYCLEWAY	
PROPOSED GRASS BERM	
EXISTING STREAM	
PROPOSED SWALE	
ROAD CENTRELINE - COLLECTOR	
ROAD CENTRELINE - SPLINE	
ROAD CENTRELINE - LOCAL	
ROAD CENTRELINE - JOAL	

ROAD WIDENING AND MARKING AT INTERSECTION TO BE DETAILED AT EPA STAGE

CONSTRUCTED WETLAND



CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: ROADING PLAN SHEET 3 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
B	DRAWING UPDATES	SH	SL	JK	13/01/26
A	FIRST ISSUE	ZW	AL	JK	07/11/25

SCALE: 1:1000
DO NOT SCALE
DRAWING NO: 3325-2-3004 REV: B



NOTES:

- 1. ALL WORK AND MATERIALS TO COMPLY WITH AUCKLAND TRANSPORT DESIGN MANUAL (TDM). ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND COUNCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
- 3. ROAD SETOUT DATA SHOWN ON 300 SERIES DRAWINGS IS TO BE PROVIDED ELECTRONICALLY.
- 5. VEHICLE ACCESSWAYS FOR JOAL SHALL BE AS PER AT COMMERCIAL VEHICLE STANDARD DRAWING GD019A-1B. ALL OTHER VEHICLE CROSSINGS SHALL BE AS PER AT DRAWING GD017A-1B.
- 6. REFER TO LANDSCAPE ARCHITECTS FOR STREET TREE DETAILS. TREES SHOWN ON PLAN ARE INDICATIVE ONLY.

LEGEND:

- SITE BOUNDARY
- FUTURE LOT BOUNDARY (SUBJECT TO SEPARATE APPLICATION)
- PROPOSED EDGE OF CARRIAGEWAY
- PROPOSED FOOTPATH STANDARD BROOM FINISH
- PROPOSED ASPHALTIC CONCRETE CARRIAGEWAY
- PROPOSED CYCLEWAY
- PROPOSED GRASS BERM
- EXISTING STREAM
- PROPOSED SWALE
- ROAD CENTRELINE - COLLECTOR
- ROAD CENTRELINE - SPLINE
- ROAD CENTRELINE - LOCAL
- ROAD CENTRELINE - JOAL

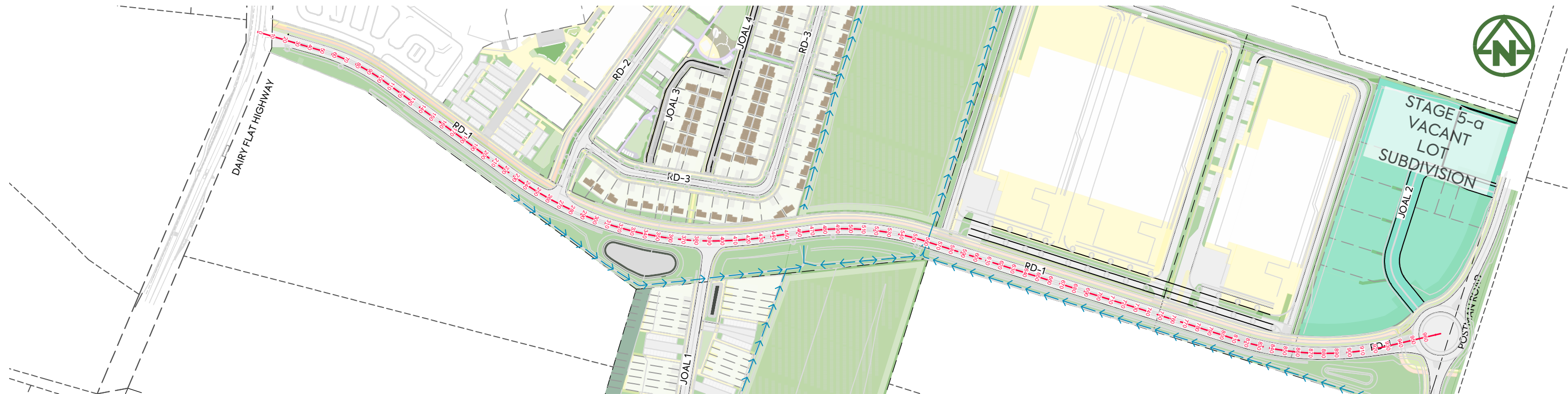


ROAD WIDENING AND MARKING AT INTERSECTION TO BE DETAILED AT EPA STAGE

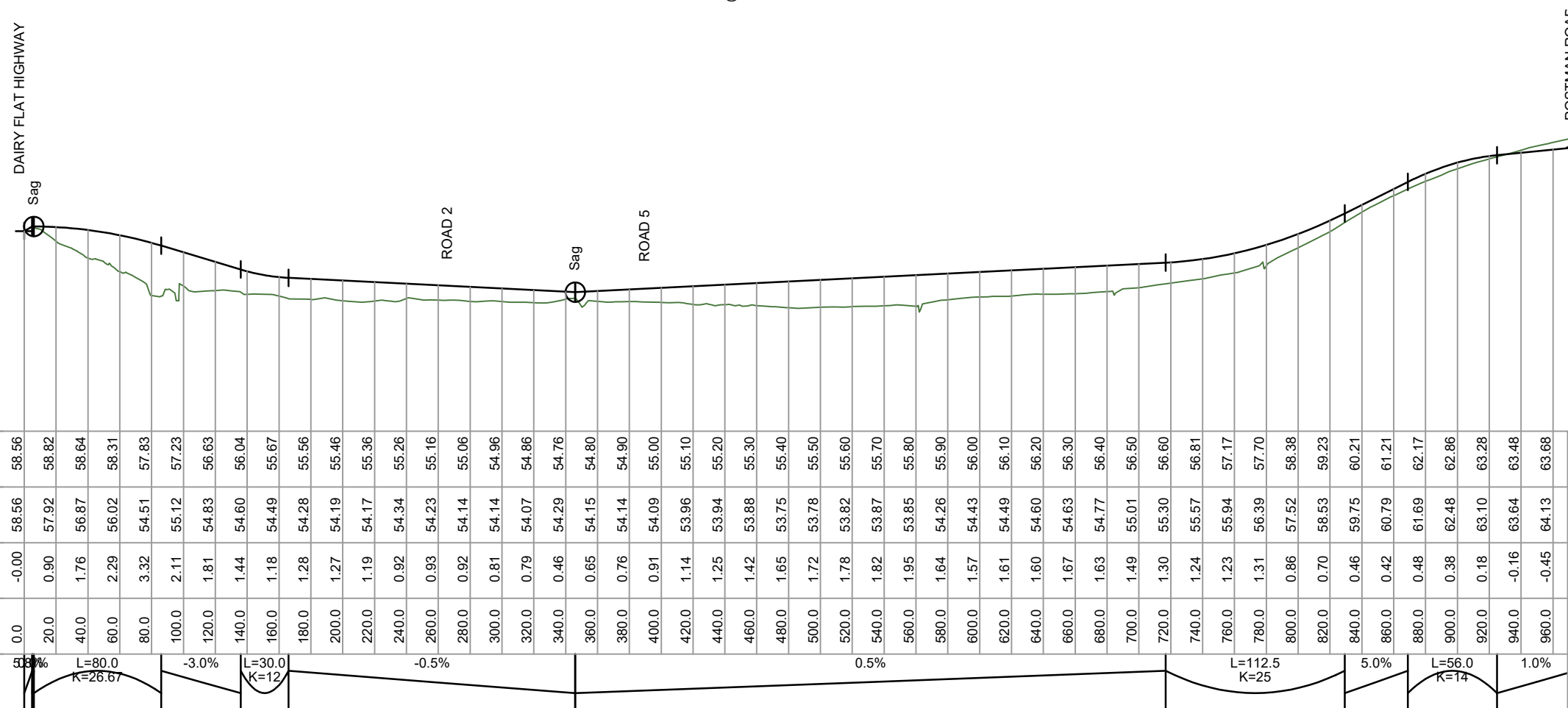
CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: ROADING PLAN SHEET 3 PURPOSE OF ISSUE: FOR RESOURCE CONSENT SCALE: 1:2000 DO NOT SCALE DRAWING NO: 3325-2-3005 REV: B



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
B	DRAWING UPDATES	SH	SL	JK	13/01/26
A	FIRST ISSUE	ZW	AL	JK	07/11/25



LONGITUDINAL PLAN ROAD 1
SCALE = 1:3000 @ A3



LONGITUDINAL SECTION STAGE 2 ROAD 1
SCALE HORIZ=1:3500 @ A3 / VERT=1:350 @ A3

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
E	DRAWING UPDATES	PK	SL	JK	08/06/26
D	UPDATED POSTMAN RD	JDK	SL		24/04/26
C		SJO	SL	JK	15/04/26
B	DRAWING UPDATES	SH	SL	JK	07/01/26
A	FIRST ISSUE	SH	SL	JK	07/11/25



MCKENZIE & CO.

CLIENT:
AW HOLDINGS 2021 LIMITED

PROJECT:
**AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND**

TITLE:
**ROADING LONGSECTION
SHEET 1**

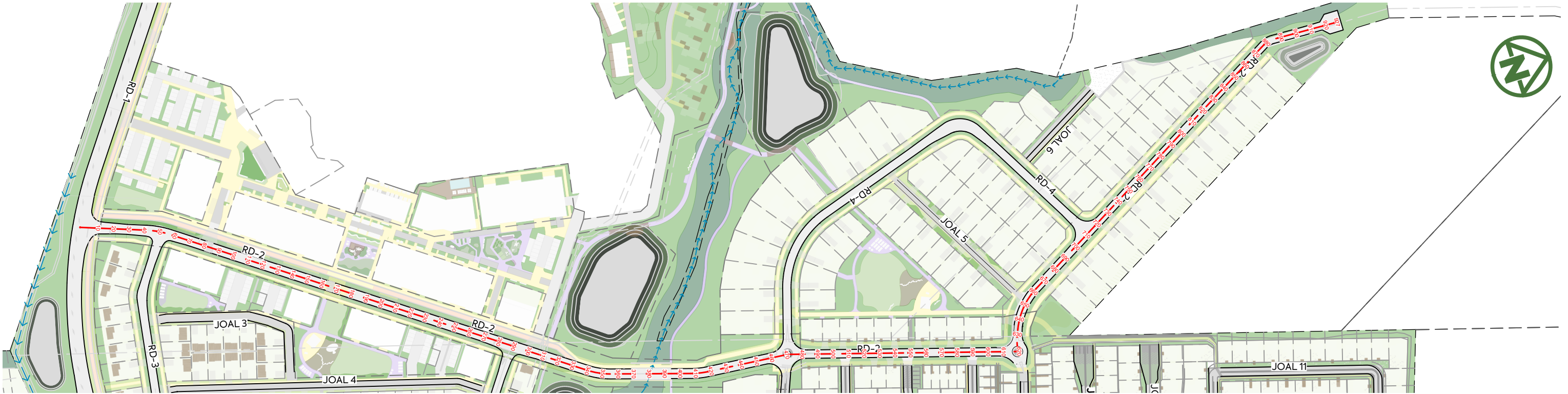
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
AS NOTED ON PLAN

DO NOT SCALE

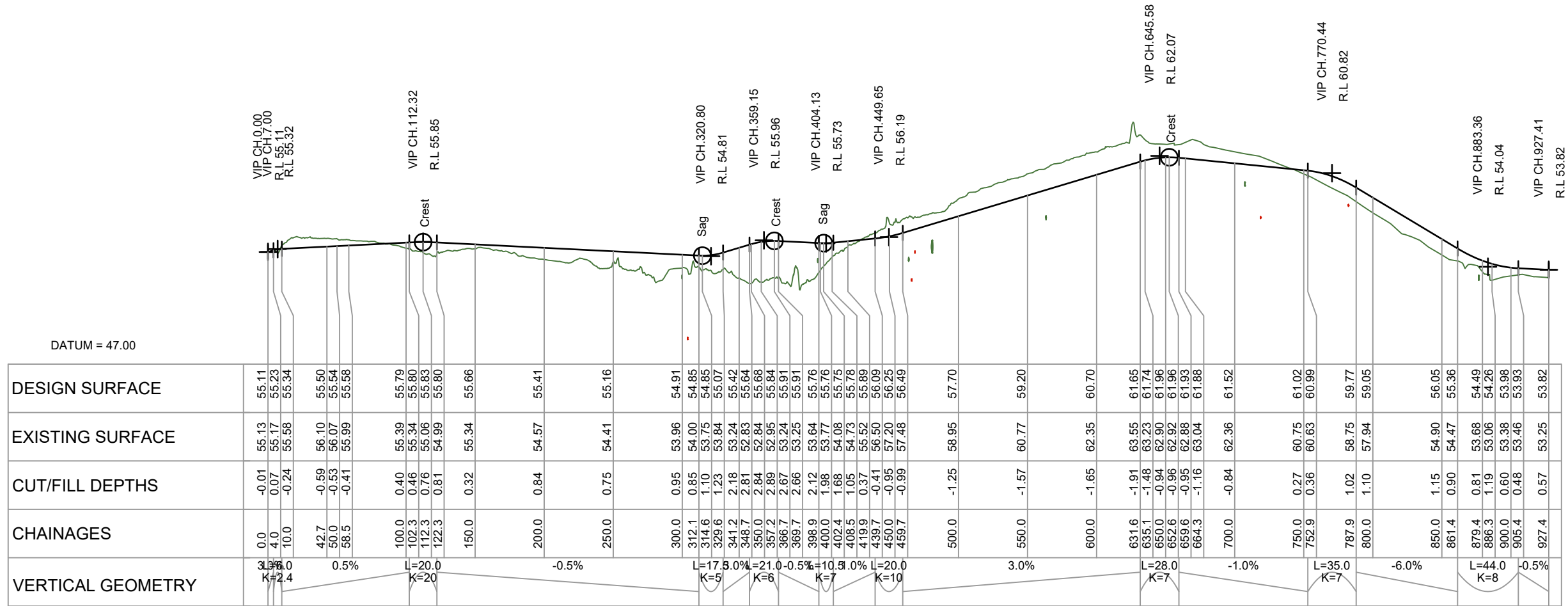
DRAWING NO:
3325-2-3100

REV:
E



LONGITUDINAL PLAN ROAD 2

SCALE =1:2500 @ A3



LONGITUDINAL SECTION ROAD 2

SCALE HORIZ=1:3500 @ A3 / VERT=1:350 @ A3

CLIENT:
AW HOLDINGS 2021 LIMITED

PROJECT:
**AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND**

TITLE:
**ROADING LONGSECTION
SHEET 2**

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
AS NOTED ON PLAN

DO NOT SCALE

DRAWING NO. **3325-2-3101** REV: **B**

REV. DESCRIPTION DRN BY CHK BY APP BY DATE

B DRAWING UPDATES SH SL JK 07/01/26

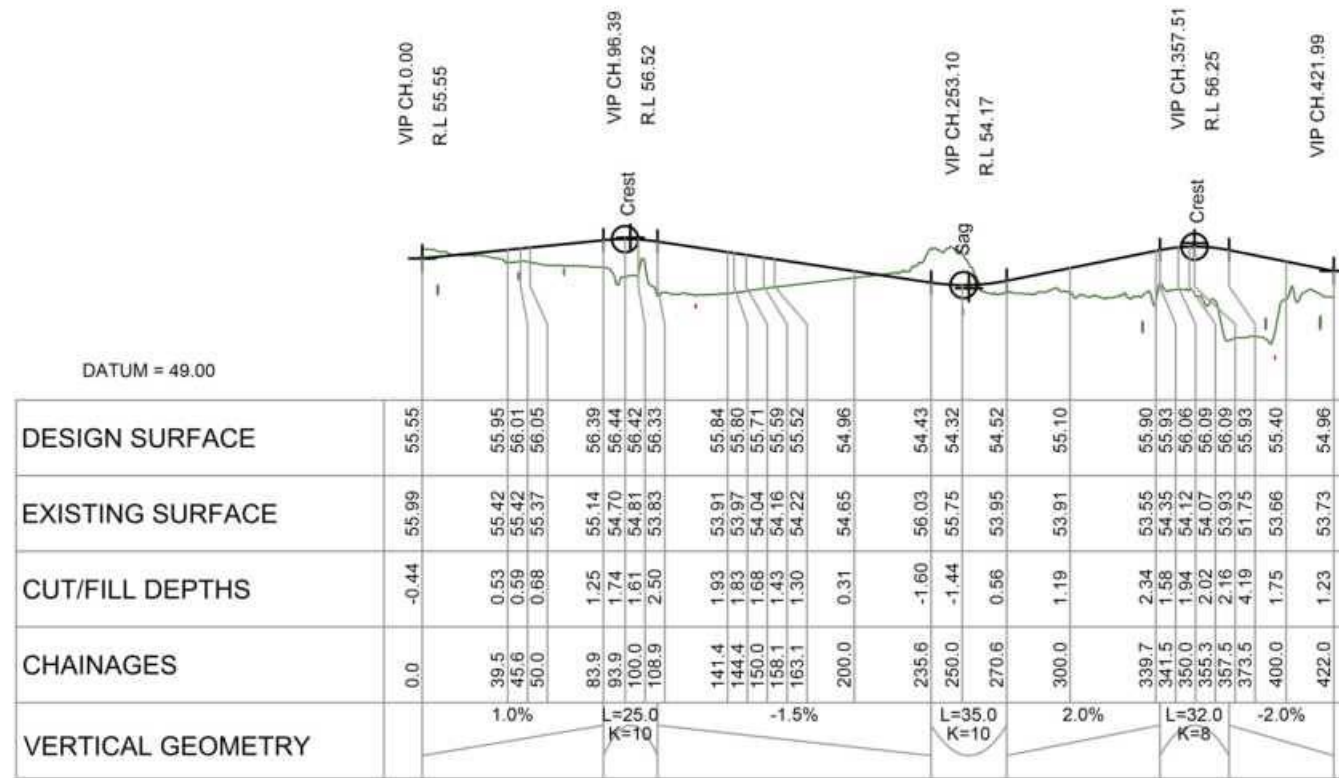
A FIRST ISSUE SH SL JK 07/11/25

PLOT DATE 2026-01-30 09:29:20 WWW.MCKENZIEANDCO.CO.NZ THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE

C:\12DS\DATA\MCKF501\3325-2 SURF PARK STAGE 2_5052\DESIGN\6.5. DRAWINGS\3325-2-3100.DWG



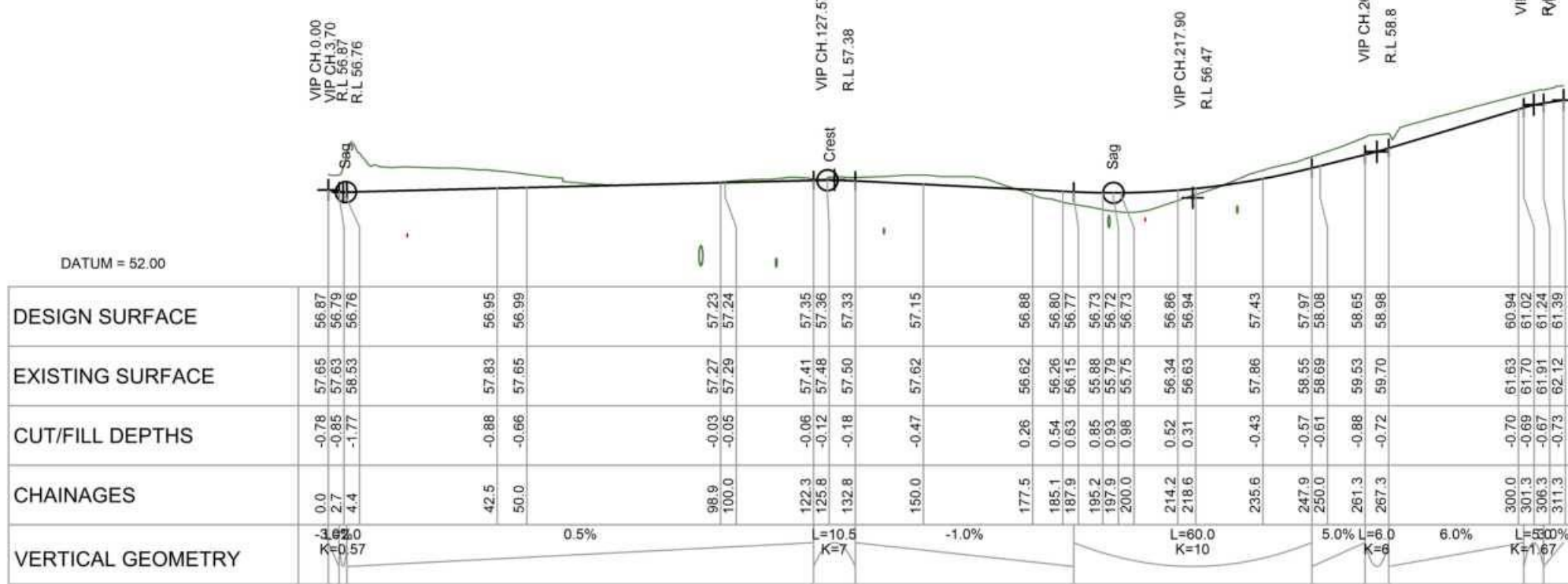
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SCALE = 1:1500 @ A3



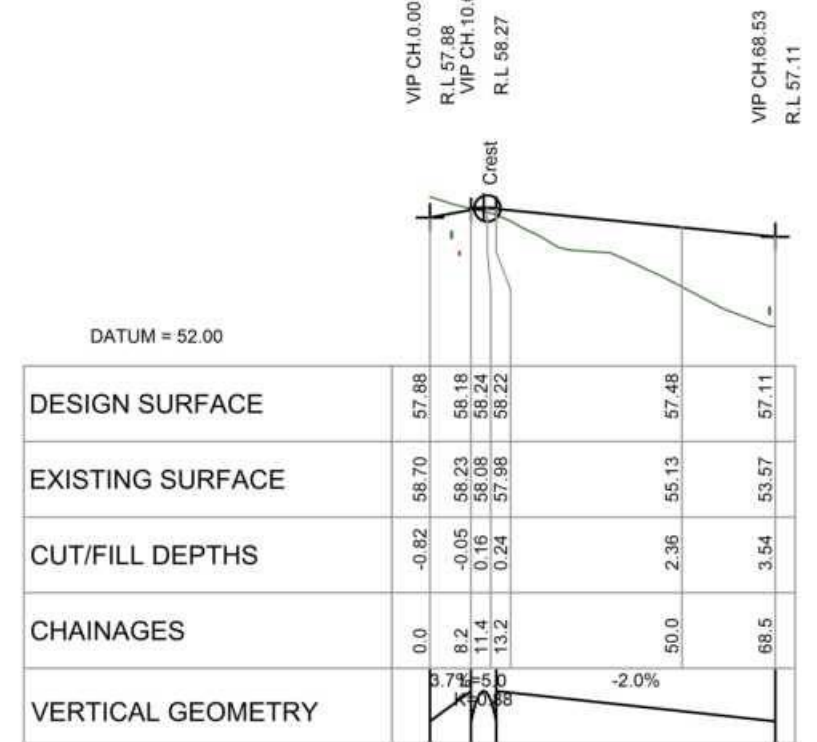
LONGITUDINAL SECTION ROAD 3
SCALE HORIZ=1:3500 @ A3 / VERT=1:350 @ A3



LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



LONGITUDINAL SECTION ROAD 4
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



LONGITUDINAL SECTION JOAL 6
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
B	DRAWING UPDATES	SH	SL	JK	07/01/26
A	FIRST ISSUE	SH	SL	JK	07/01/25



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING LONGSECTION
SHEET 4

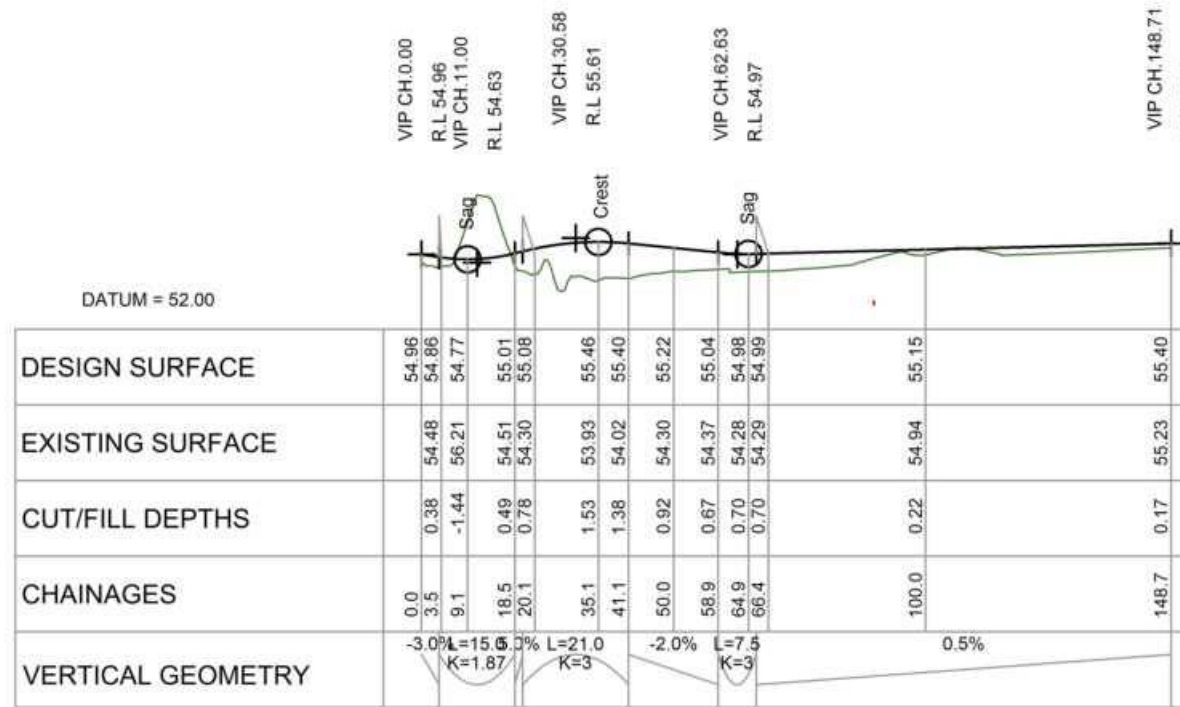
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
AS NOTED ON PLAN

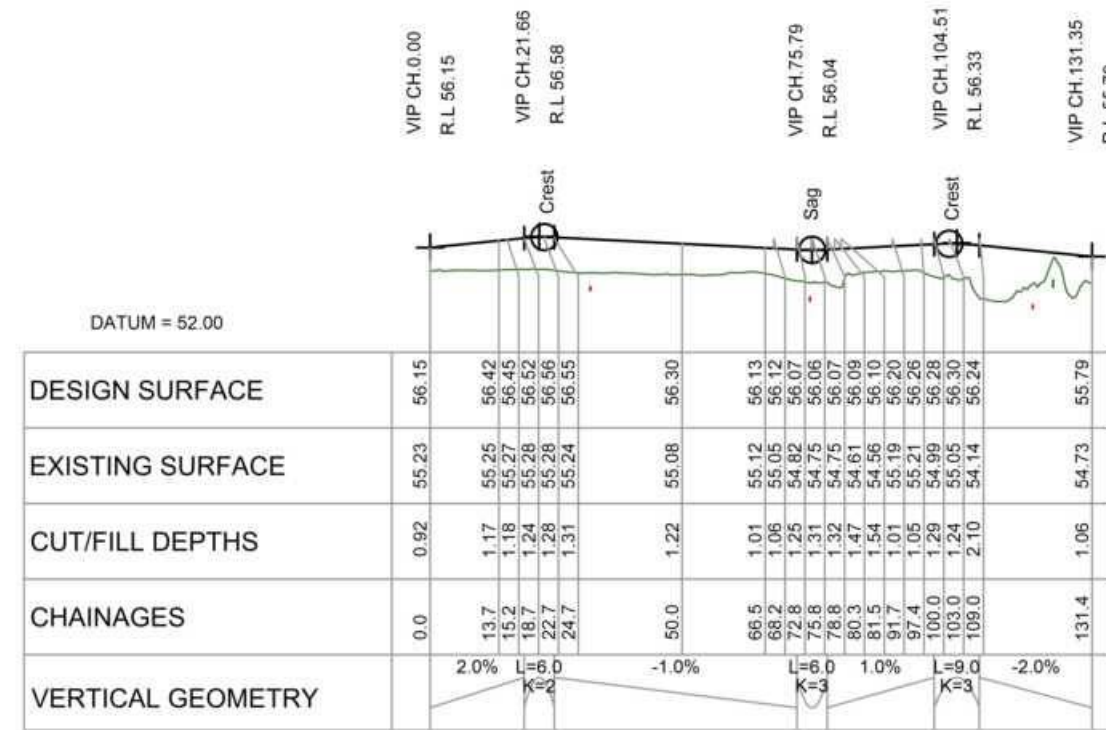
DRAWING NO.: 3325-2-3103
REV: B



LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



LONGITUDINAL SECTION JOAL 1
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



LONGITUDINAL SECTION JOAL 3
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3

B	DRAWING UPDATES	SH	SL	JK	07/01/26
A	FIRST ISSUE	SH	SL	JK	07/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING LONGSECTION
SHEET 5

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
AS NOTED ON PLAN

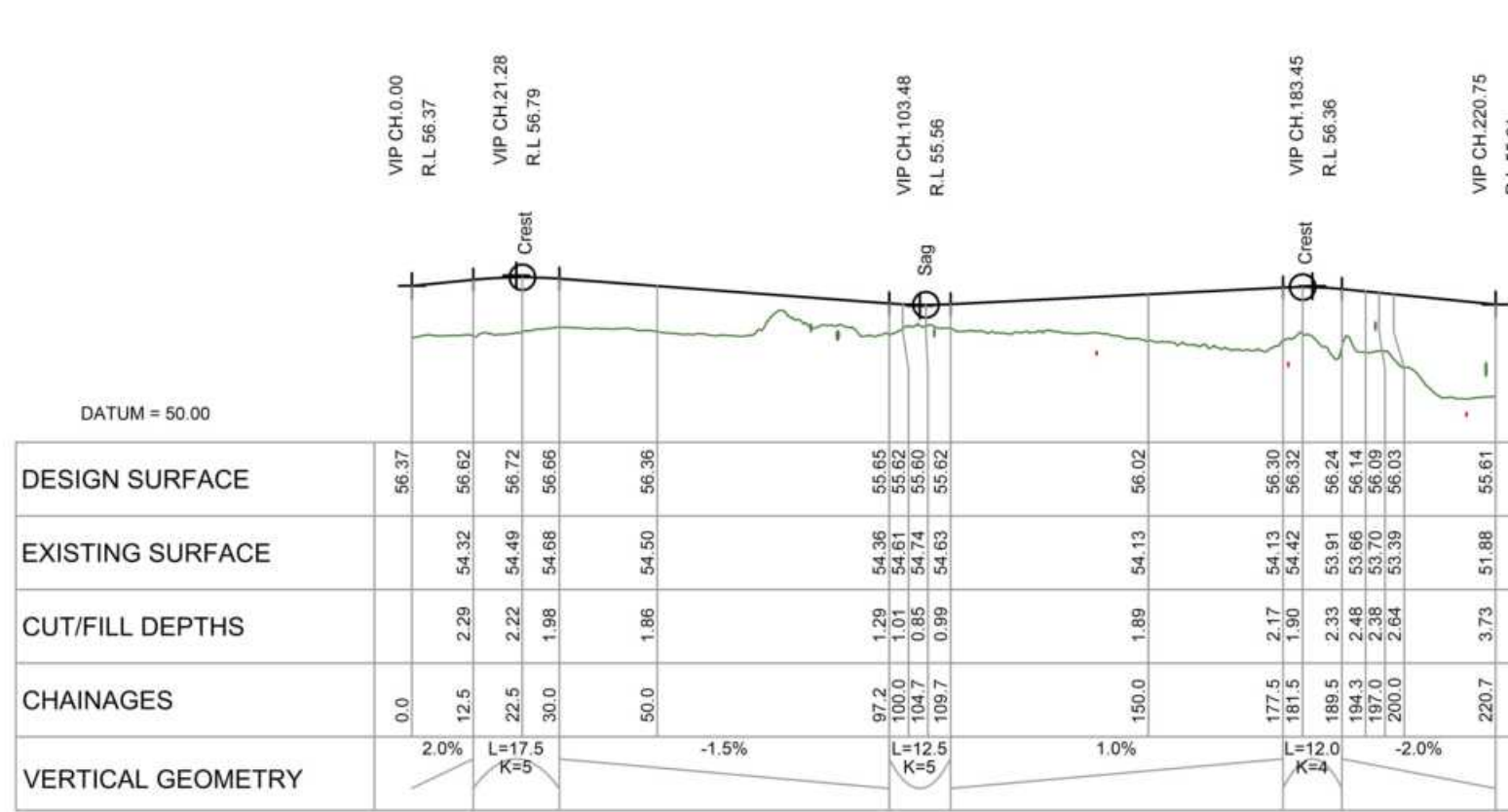
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DRAWING NO. **3325-2-3104** REV. **B**



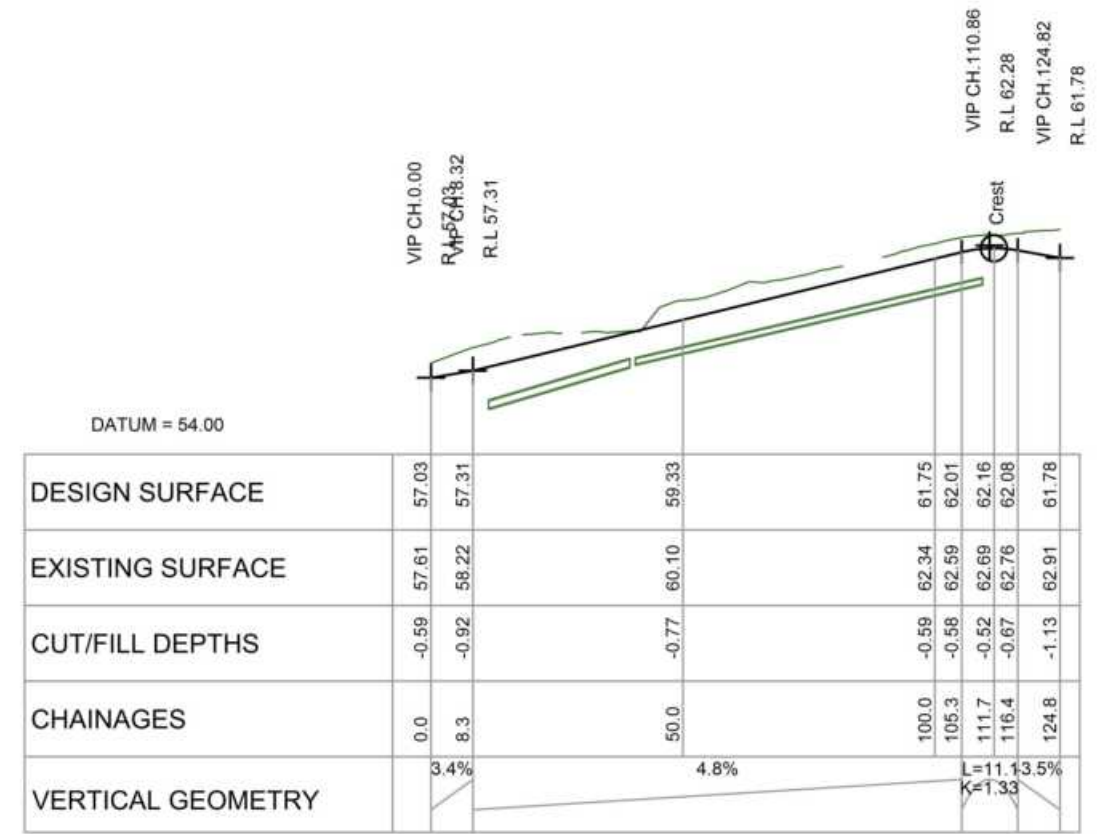
LONGITUDINAL PLAN
SCALE =1:1500 @ A3



LONGITUDINAL PLAN
SCALE =1:1500 @ A3



LONGITUDINAL SECTION JOAL 4
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3

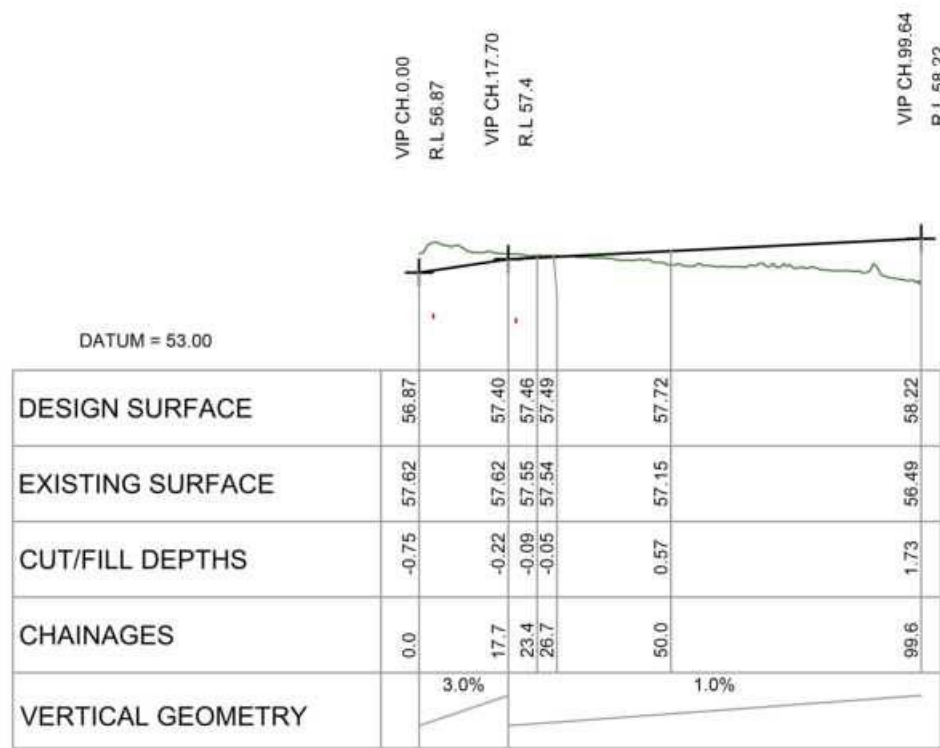


LONGITUDINAL SECTION JOAL 5
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3

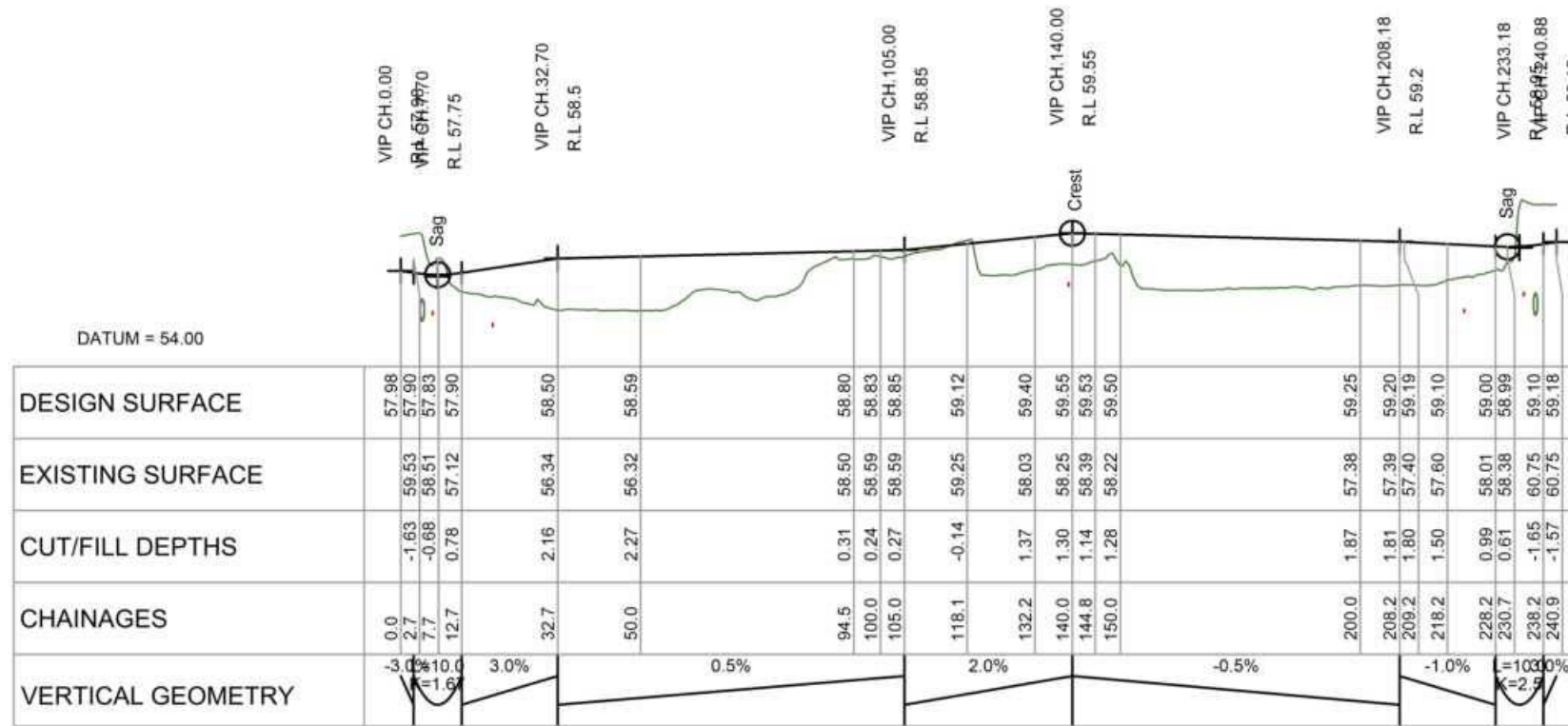
JOAL 4



LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



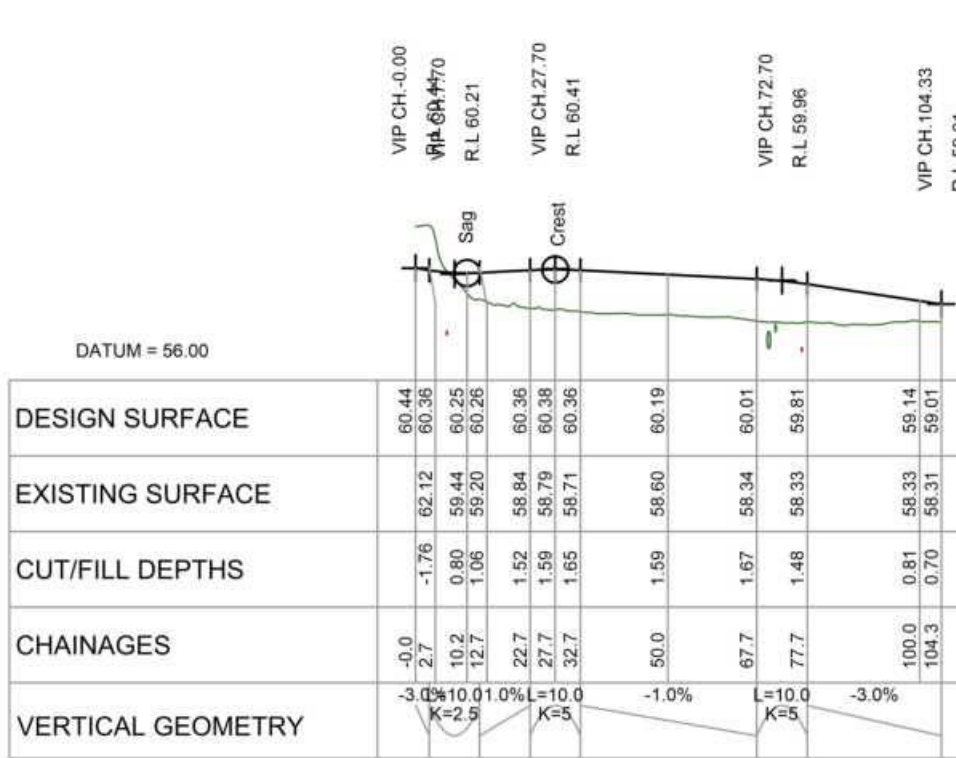
LONGITUDINAL SECTION JOAL 7
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



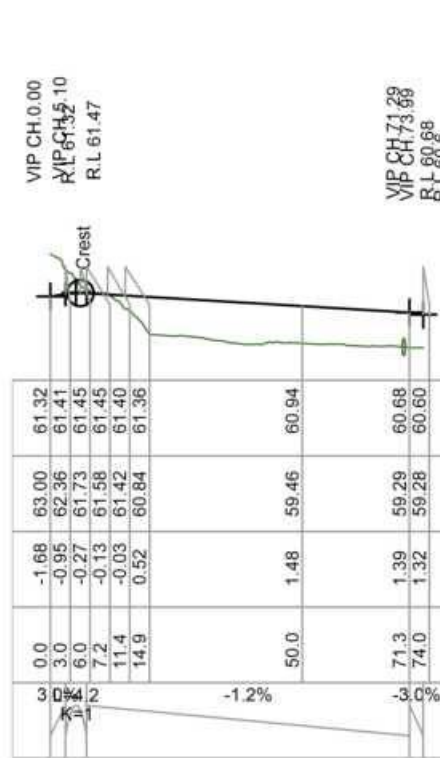
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SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



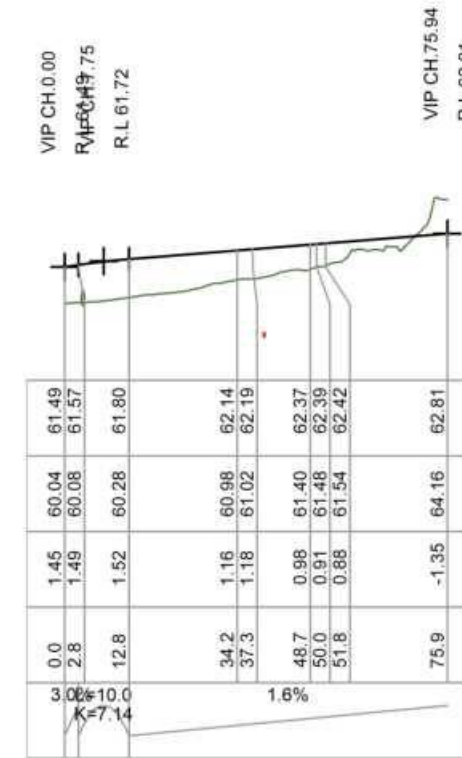
LONGITUDINAL PLAN
SCALE =1:1500 @ A3



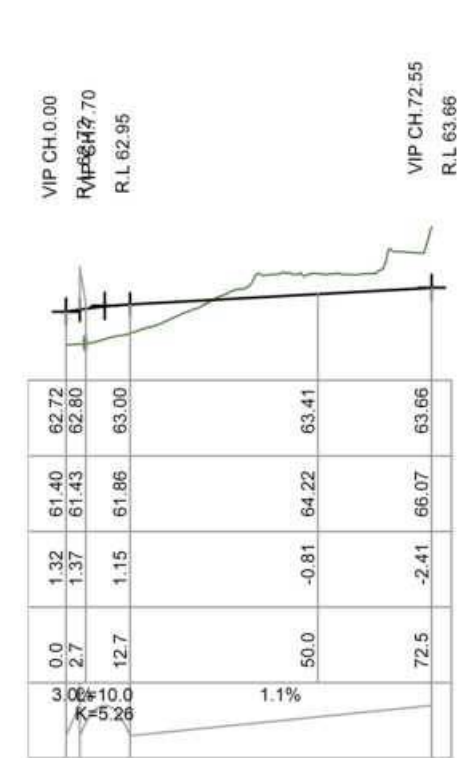
LONGITUDINAL SECTION JOAL 9
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



LONGITUDINAL SECTION JOAL 10
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



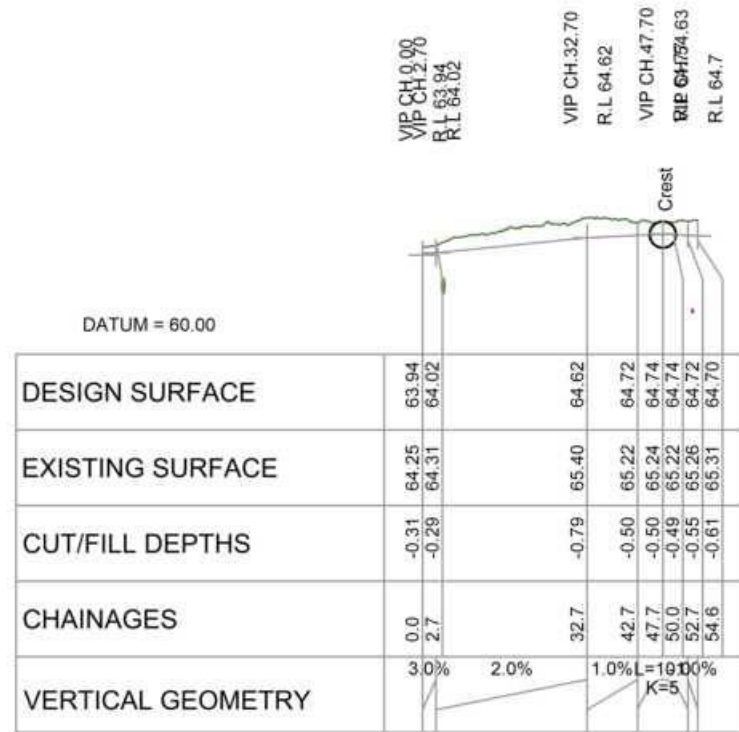
LONGITUDINAL SECTION JOAL 12
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



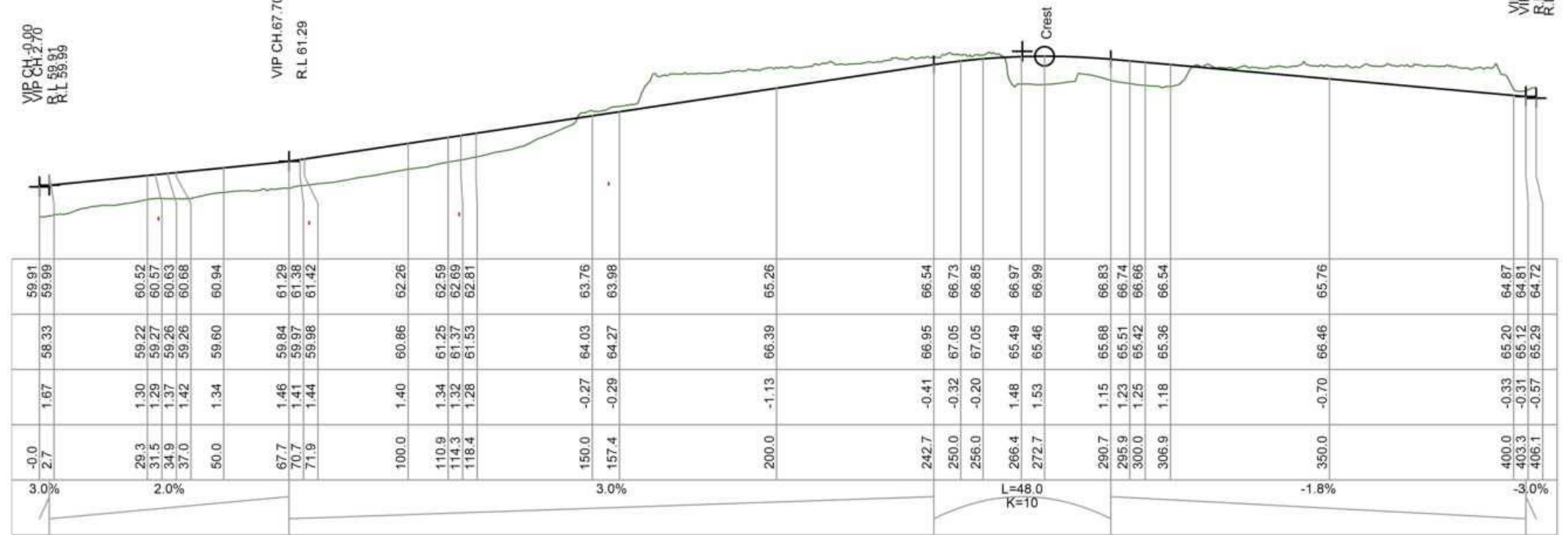
LONGITUDINAL SECTION JOAL 13
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



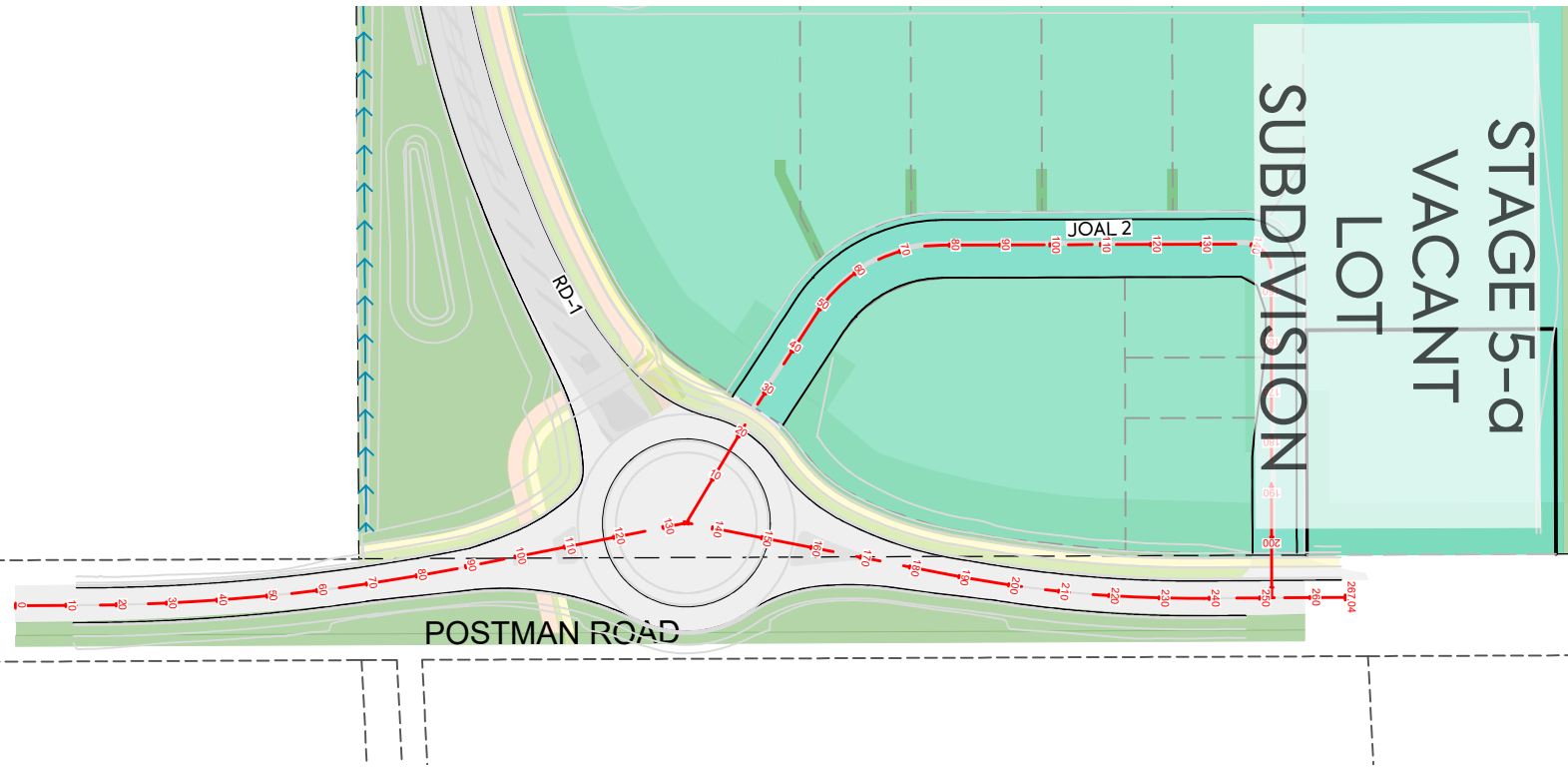
LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



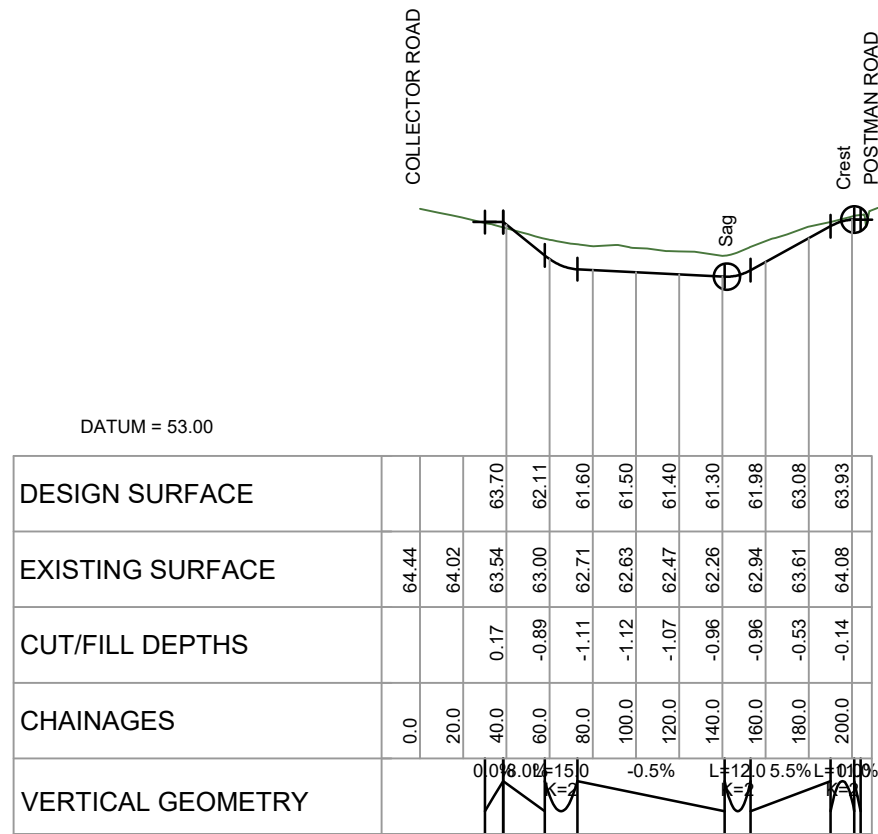
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SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



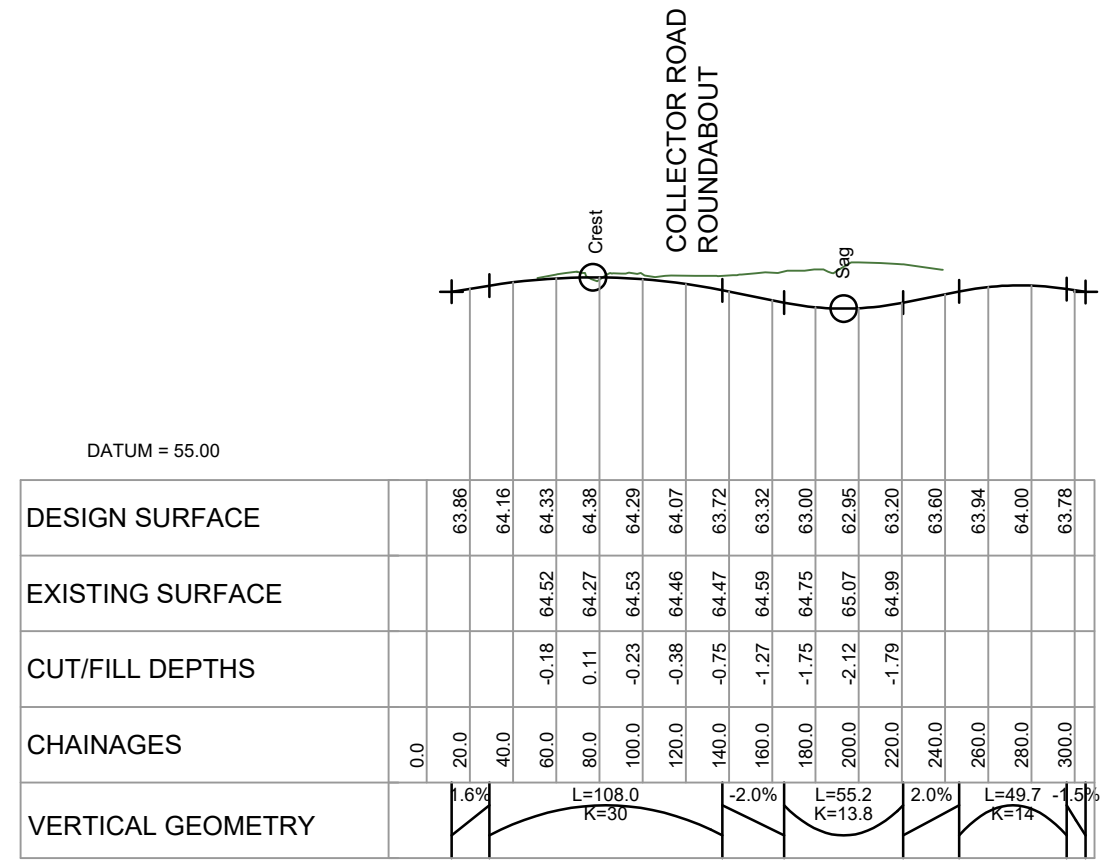
LONGITUDINAL SECTION JOAL 11
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



PLAN
SCALE = 1:1500 @ A3



LONGITUDINAL SECTION JOAL 2
SCALE HORIZ=1:3500 @ A3 / VERT=1:350 @ A3



LONGITUDINAL SECTION POSTMAN ROAD
SCALE HORIZ=1:3500 @ A3 / VERT=1:350 @ A3

E	DRAWING UPDATES	PK	SL	JK	08/06/26
D	UPDATED	JDK	SL		24/04/26
C		SJO	SL	JK	15/04/26
B	DRAWING UPDATES	SH	SL	JK	07/01/26
A	FIRST ISSUE	SH	SL	JK	07/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE

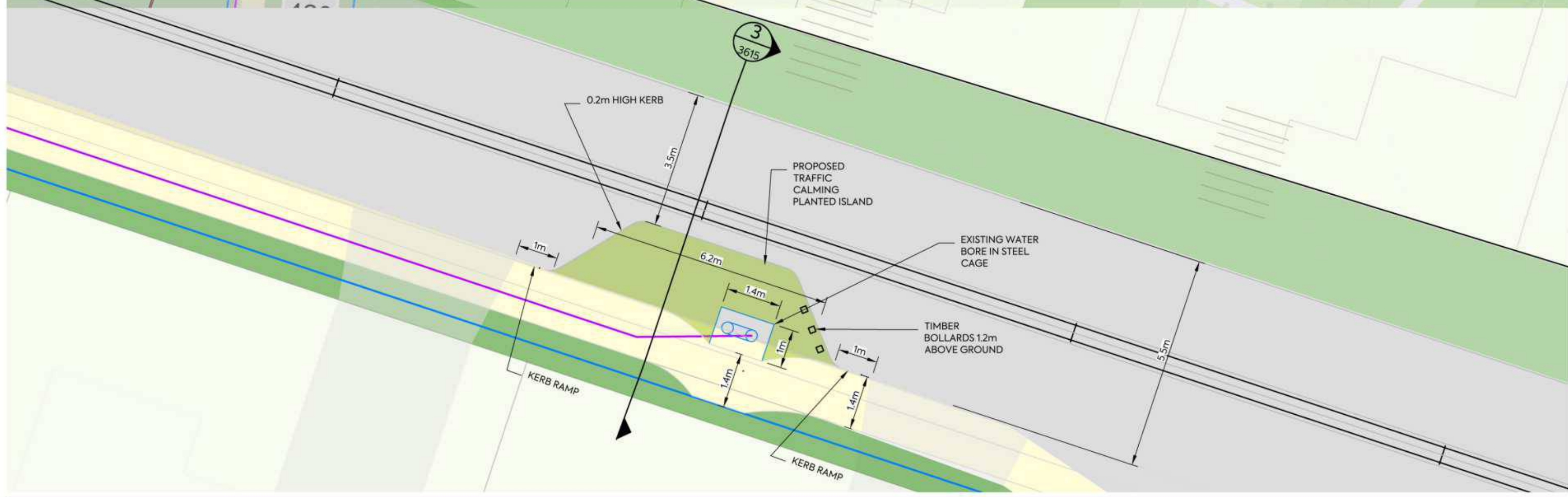


CLIENT:
AW HOLDINGS 2021
LIMITED

PROJECT:
AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:
ROADING LONGSECTION
SHEET 10

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT
SCALE:
AS NOTED ON PLAN
DO NOT SCALE
DRAWING NO:
3325-2-3109
REV:
E



CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: NE JOAL DETAIL PURPOSE OF ISSUE: FOR RESOURCE CONSENT

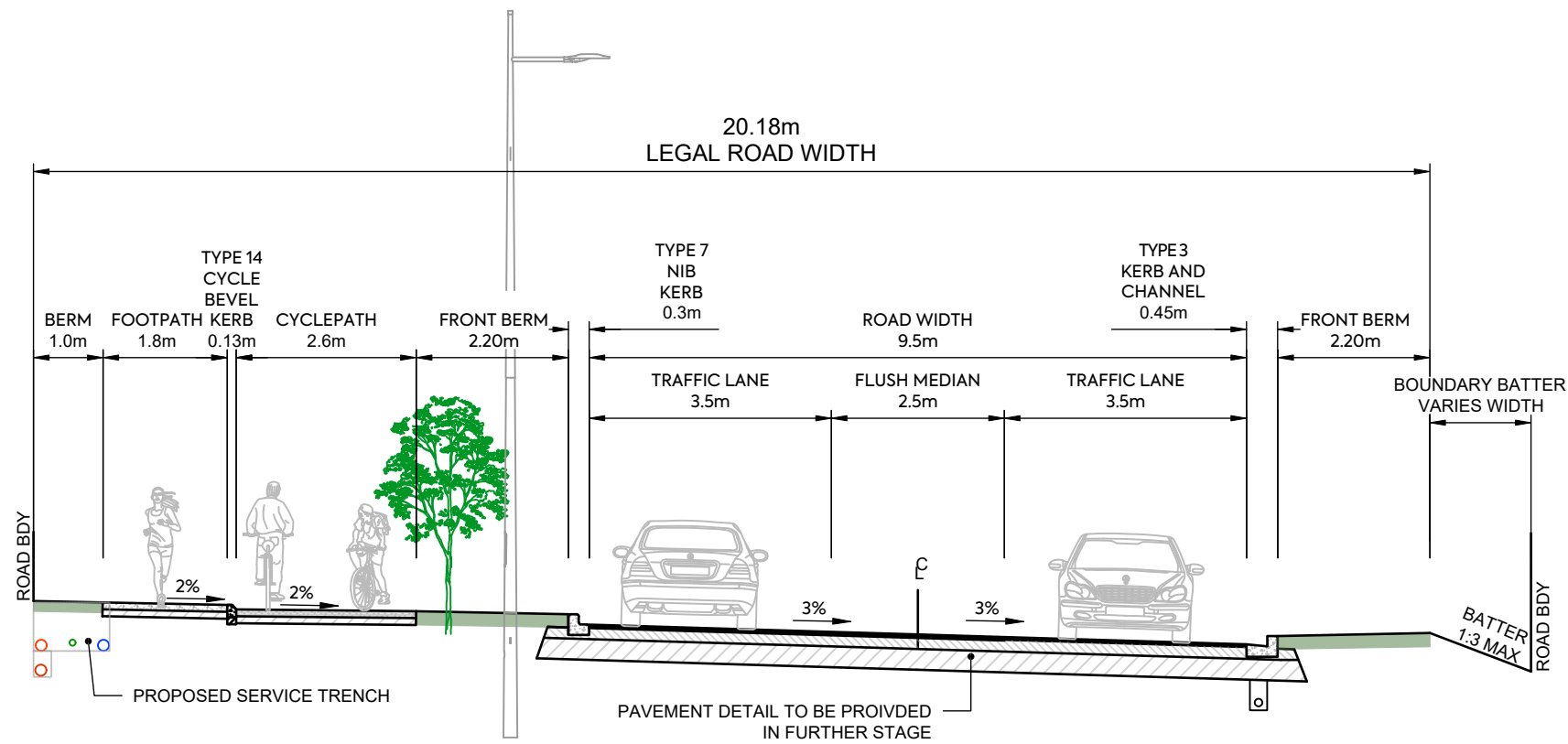


SCALE: AS NOTED ON PLAN
DO NOT SCALE
DRAWING NO: 3325-2-3110 REV: A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	SH	SL	JK	07/11/25

NOTES

1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
2. GRADE 4 MEMBRANE CHIPSEAL TO BE PLACED (AT 1L/m² OF RESIDUAL BITUMEN) ON BASECOURSE PRIOR TO ASPHALT SURFACING.
3. SUBSOIL DRAINAGE TO BE IN ACCORDANCE WITH ATCOP DRAWING RD025 HOWEVER THE TRENCH BACKFILL IS TO BE IN ACCORDANCE WITH NZTA F2 SPECIFICATION.
4. REFER TO STREETLIGHTING PLANS FOR LIGHTING DETAILS. COLUMNS TO BE MINIMUM 1.0m OFFSET FROM FACE OF KERB TO FACE OF POLE UNLESS SPECIFIED.
5. CUT BATTERS VARY UP TO MAXIMUM SLOPE OF 1:3. FILL BATTERS VARY FROM MINIMUM SLOPE OF 1:3.
6. V-DISH CHANNEL (UNDER TRAFFIC) TO BE IN ACCORDANCE WITH ATCOP DRAWING GD011 HOWEVER THE 668 MESH IS TO BE REPLACED WITH 665 MESH.
7. REFER TO LANDSCAPING PLANS FOR TREE AND PLANTING DETAILS.
8. FINAL DEFLECTION ON ROAD PAVEMENT TO BE 1.0mm ON COLLECTOR ROADS AND 1.2mm ON LOCAL ROADS. CONTRACTOR TO UNDEERTAKE BENKELMAN BEAM TESTING PRIOR TO SURFACING FOR APPROVAL BY THE ENGINEER.



COLLECTOR ROAD - TYPICAL CROSS SECTION CH0 - CH130

CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

ROADING
TYPICAL CROSS SECTION
SHEET 1

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:100
DO NOT SCALE

DRAWING NO:
3325-2-3600

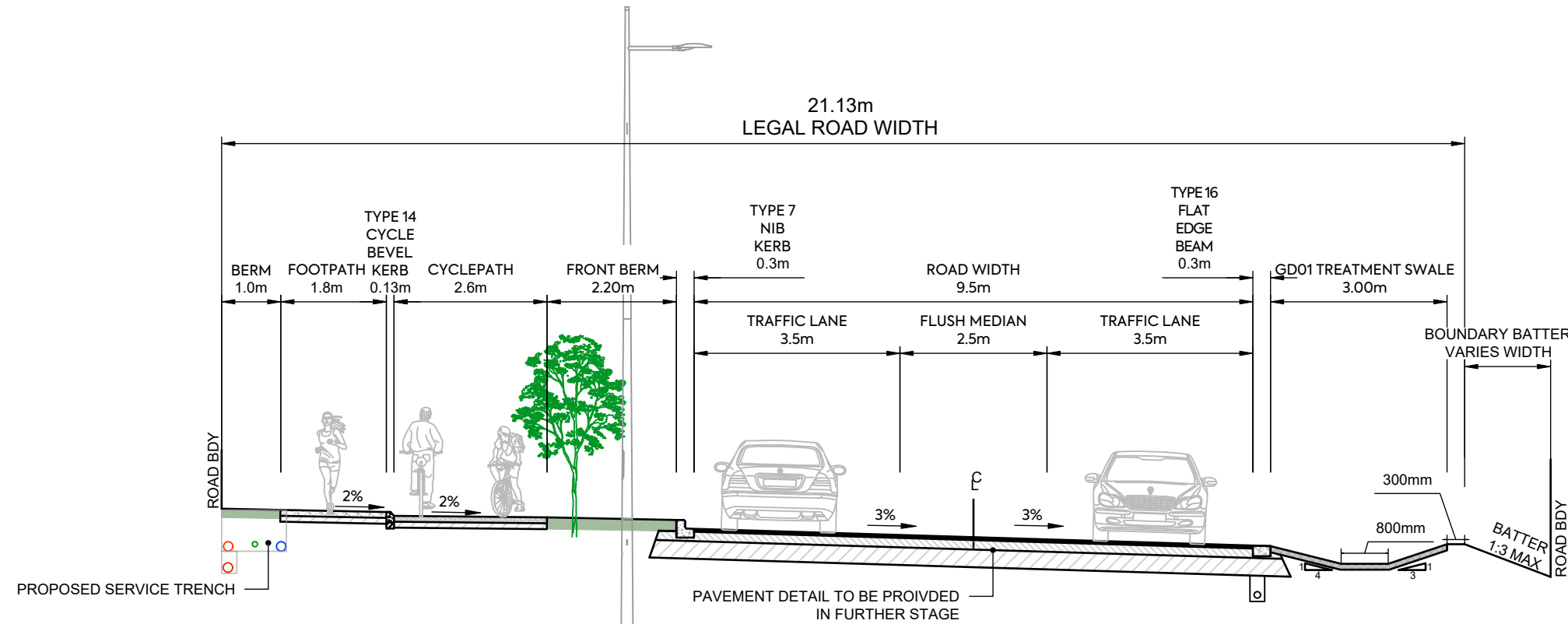
REV:
A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	ZW	SL	JK	07/11/2025

NOTES

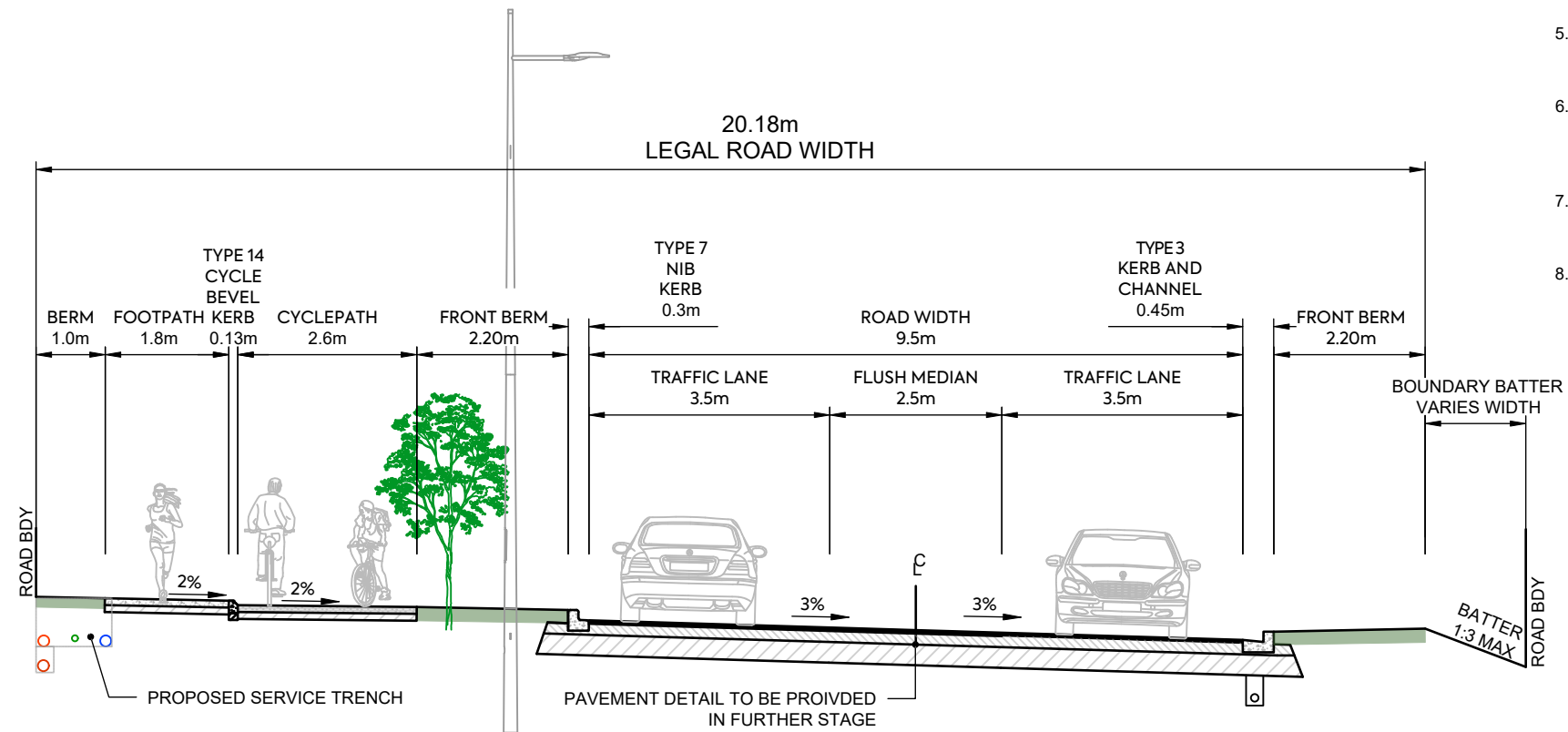
1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
2. GRADE 4 MEMBRANE CHIPSEAL TO BE PLACED (AT 1L/m² OF RESIDUAL BITUMEN) ON BASECOURSE PRIOR TO ASPHALT SURFACING.
3. SUBSOIL DRAINAGE TO BE IN ACCORDANCE WITH ATCOP DRAWING RD025 HOWEVER THE TRENCH BACKFILL IS TO BE IN ACCORDANCE WITH NZTA F2 SPECIFICATION.
4. REFER TO STREETLIGHTING PLANS FOR LIGHTING DETAILS. COLUMNS TO BE MINIMUM 1.0m OFFSET FROM FACE OF KERB TO FACE OF POLE UNLESS SPECIFIED.
5. CUT BATTERS VARY UP TO MAXIMUM SLOPE OF 1:3. FILL BATTERS VARY FROM MINIMUM SLOPE OF 1:3.
6. V-DISH CHANNEL (UNDER TRAFFIC) TO BE IN ACCORDANCE WITH ATCOP DRAWING GD011 HOWEVER THE 668 MESH IS TO BE REPLACED WITH 665 MESH.
7. REFER TO LANDSCAPING PLANS FOR TREE AND PLANTING DETAILS.
8. FINAL DEFLECTION ON ROAD PAVEMENT TO BE 1.0mm ON COLLECTOR ROADS AND 1.2mm ON LOCAL ROADS. CONTRACTOR TO UNDEERTAKE BENKELMAN BEAM TESTING PRIOR TO SURFACING FOR APPROVAL BY THE ENGINEER.



COLLECTOR ROAD - TYPICAL CROSS SECTION CH130 - CH305

NOTES

1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
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3. SUBSOIL DRAINAGE TO BE IN ACCORDANCE WITH ATCOP DRAWING RD025 HOWEVER THE TRENCH BACKFILL IS TO BE IN ACCORDANCE WITH NZTA F2 SPECIFICATION.
4. REFER TO STREETLIGHTING PLANS FOR LIGHTING DETAILS. COLUMNS TO BE MINIMUM 1.0m OFFSET FROM FACE OF KERB TO FACE OF POLE UNLESS SPECIFIED.
5. CUT BATTERS VARY UP TO MAXIMUM SLOPE OF 1:3. FILL BATTERS VARY FROM MINIMUM SLOPE OF 1:3.
6. V-DISH CHANNEL (UNDER TRAFFIC) TO BE IN ACCORDANCE WITH ATCOP DRAWING GD011 HOWEVER THE 668 MESH IS TO BE REPLACED WITH 665 MESH.
7. REFER TO LANDSCAPING PLANS FOR TREE AND PLANTING DETAILS.
8. FINAL DEFLECTION ON ROAD PAVEMENT TO BE 1.0mm ON COLLECTOR ROADS AND 1.2mm ON LOCAL ROADS. CONTRACTOR TO UNDEERTAKE BENKELMAN BEAM TESTING PRIOR TO SURFACING FOR APPROVAL BY THE ENGINEER.



COLLECTOR ROAD - TYPICAL CROSS SECTION CH305 - CH465

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	ZW	SL	JK	07/11/2025



CLIENT:
AW HOLDINGS 2021
LIMITED

PROJECT:
AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

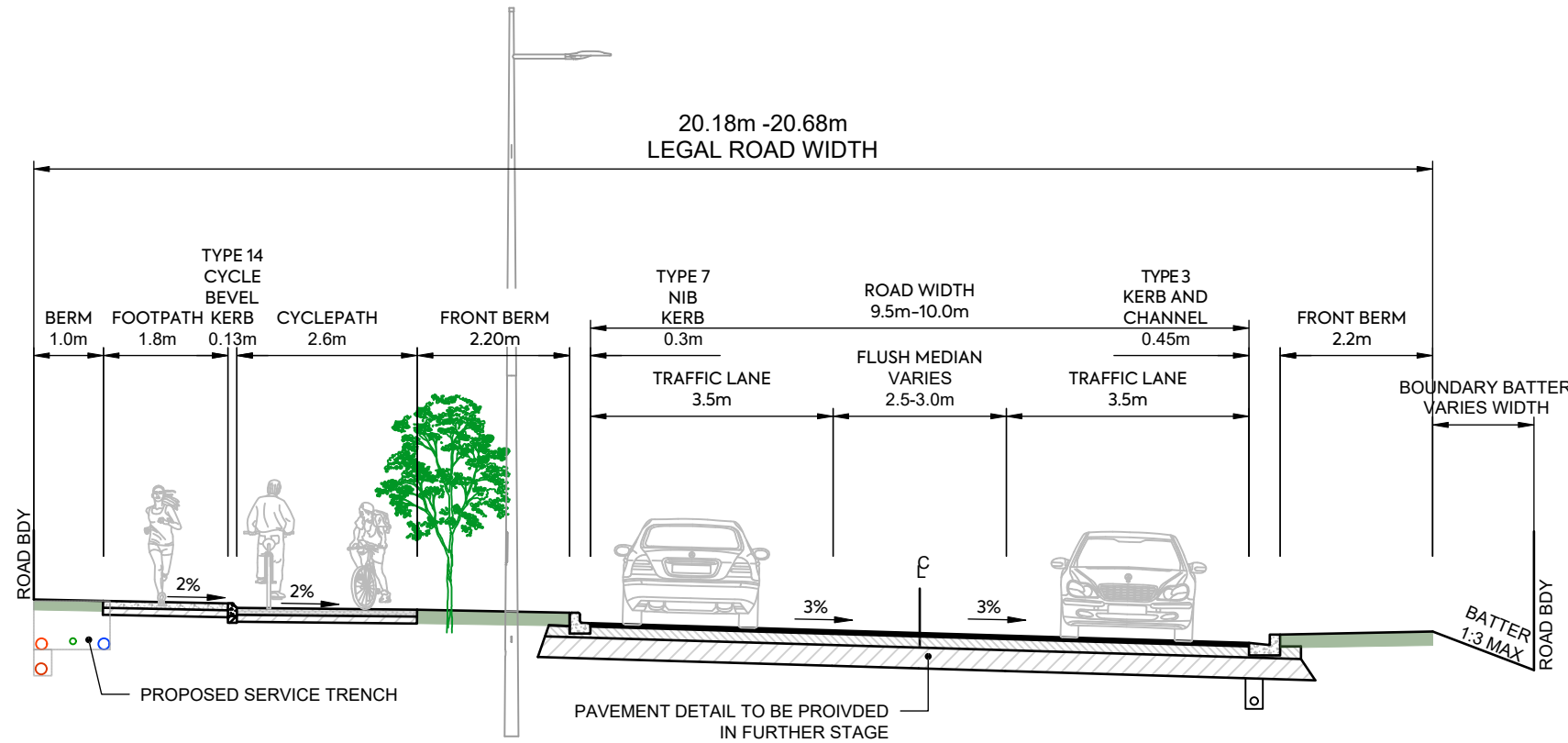
TITLE:
ROADING
TYPICAL CROSS SECTION
SHEET 3

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
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DO NOT SCALE
DRAWING NO: 3325-2-3602
REV: A

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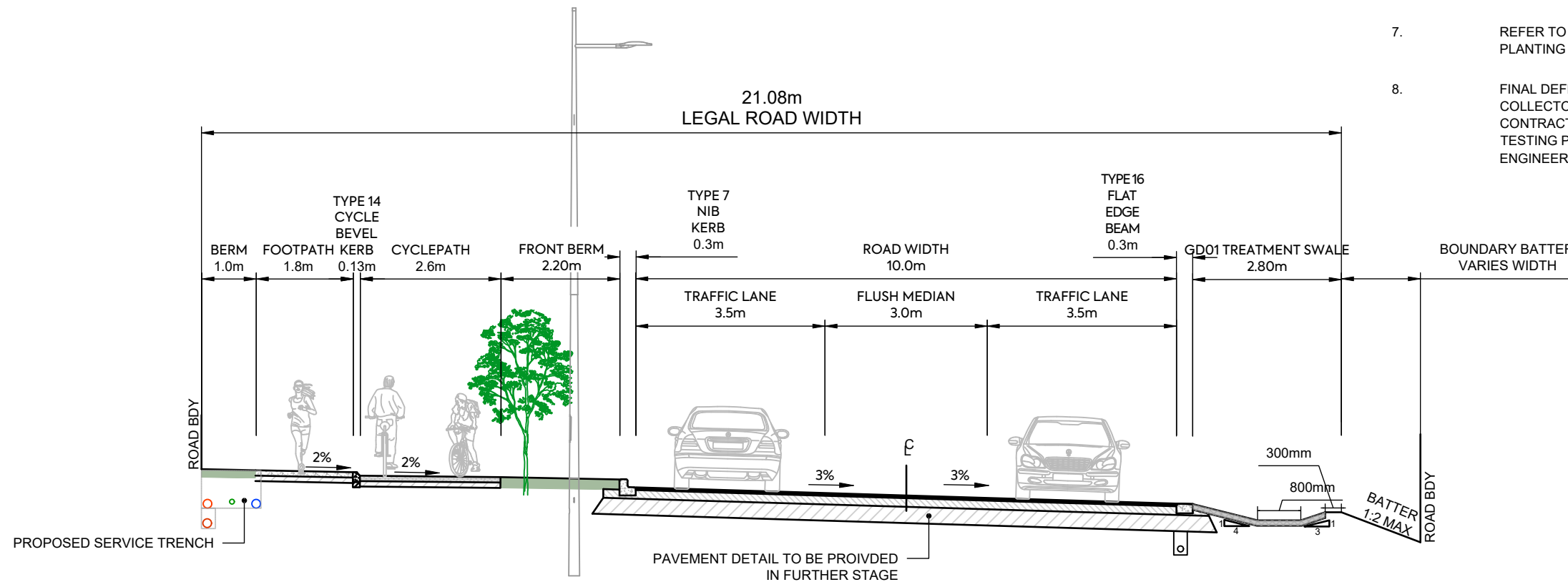
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COLLECTOR ROAD - TYPICAL CROSS SECTION CH465 - CH565

NOTES

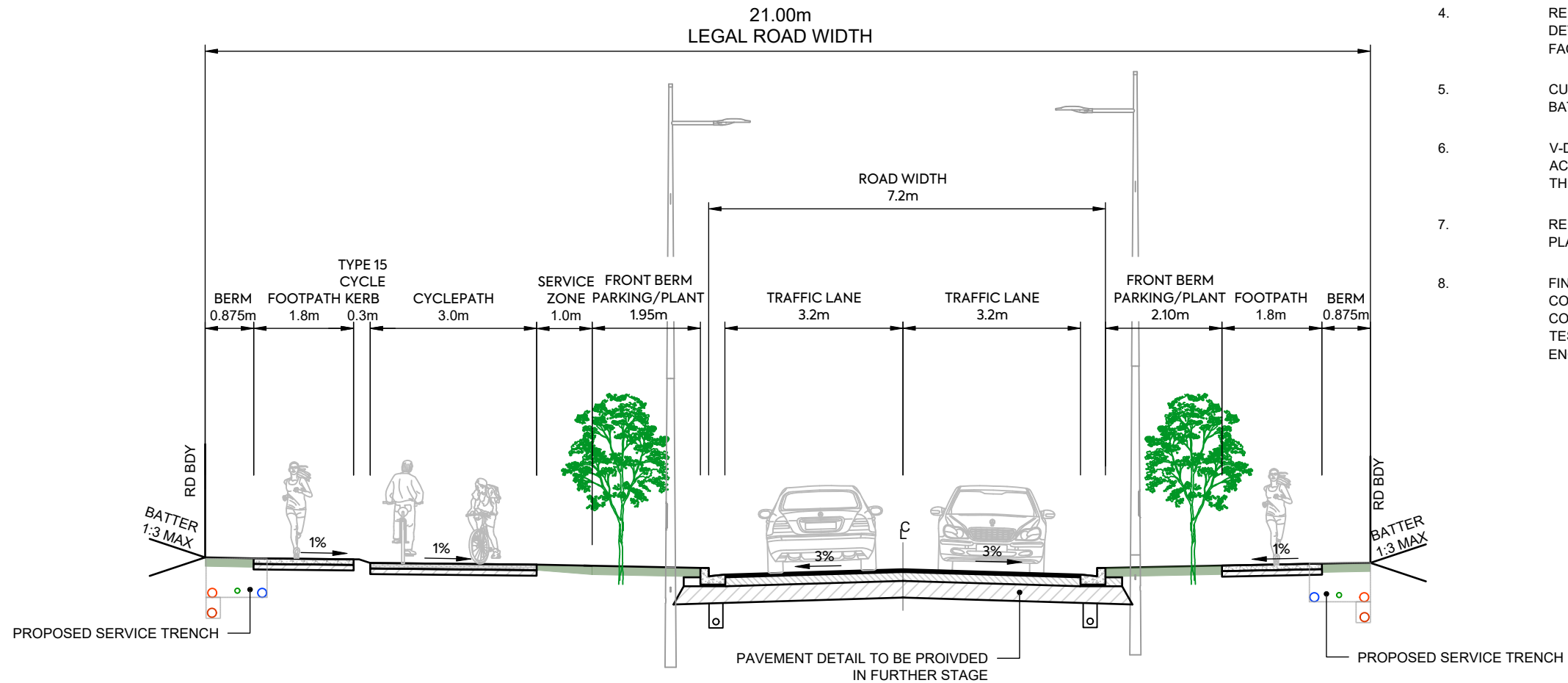
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COLLECTOR ROAD - TYPICAL CROSS SECTION CH565 - CH952

NOTES

1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
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SPINE ROAD - TYPICAL CROSS SECTION CH0 - CH333

CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

ROADING
TYPICAL CROSS SECTION
SHEET 6

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
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DO NOT SCALE

DRAWING NO:
3325-2-3605

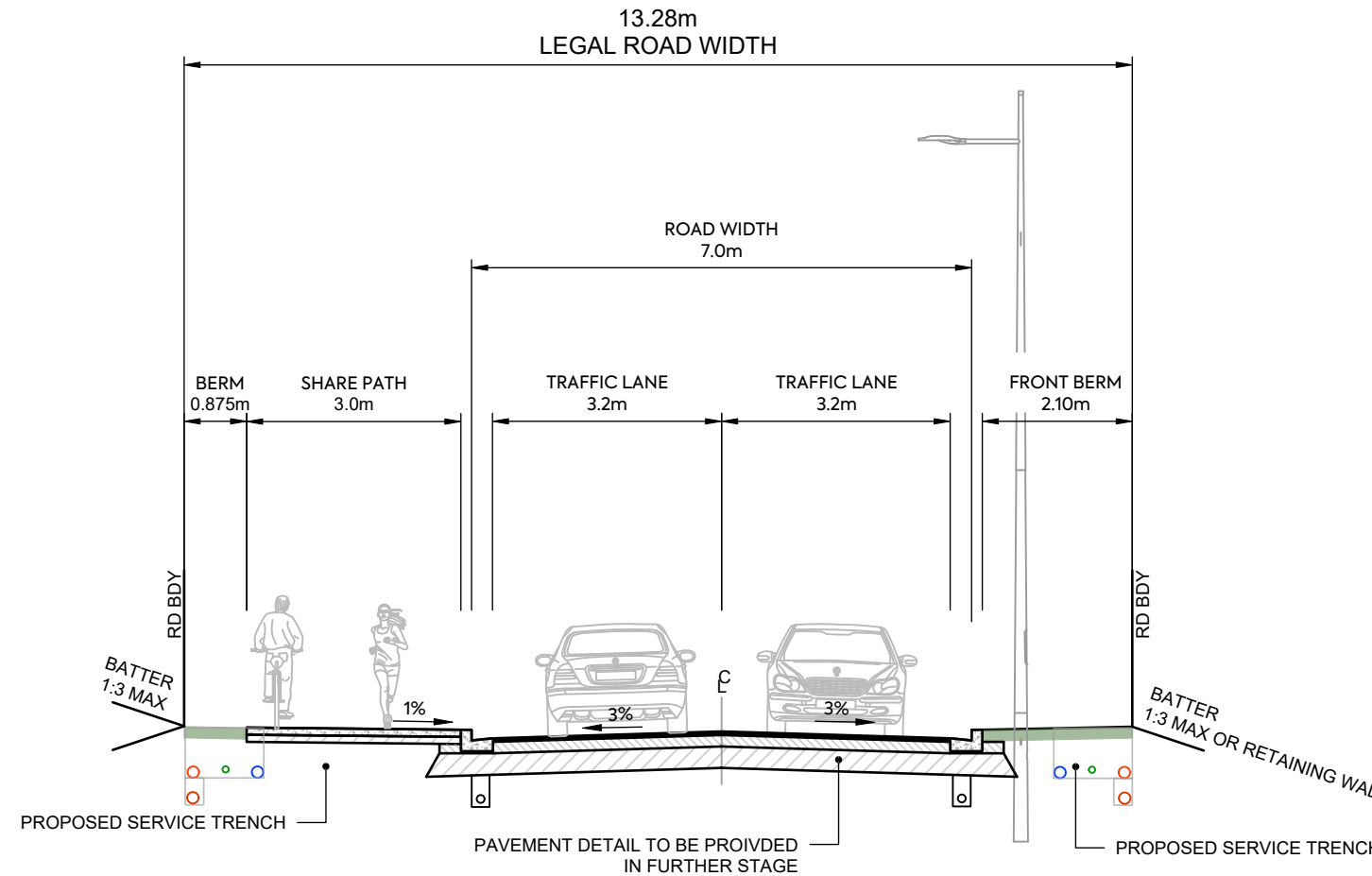
REV:
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	ZW	SL	JK	07/11/2025

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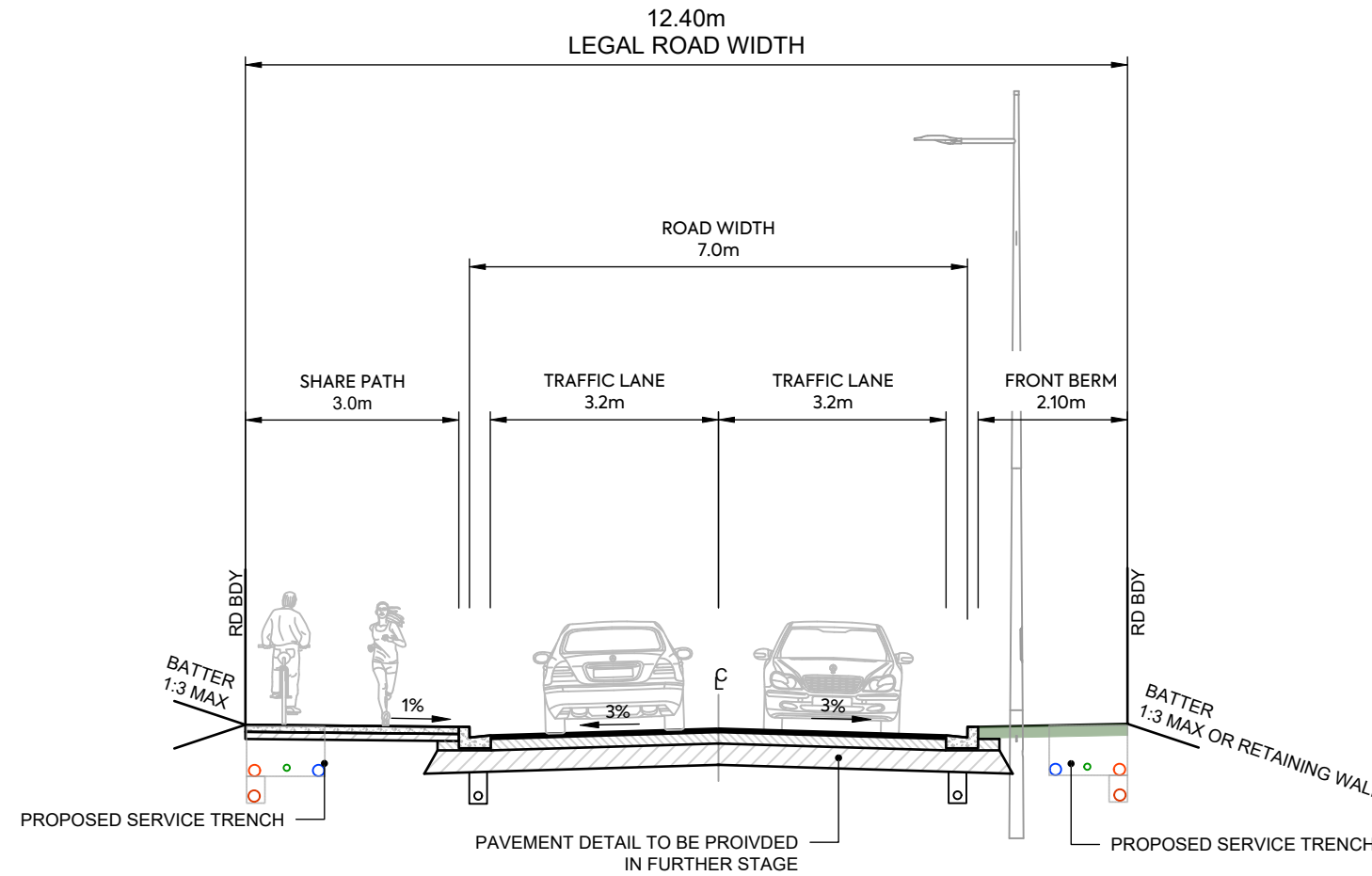
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SPINE ROAD - TYPICAL CROSS SECTION CH333-370

NOTES

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SPINE ROAD - TYPICAL CROSS SECTION CH396-421



CLIENT:
AW HOLDINGS 2021
LIMITED

PROJECT:
AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:
ROADING
TYPICAL CROSS SECTION
SHEET 8

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

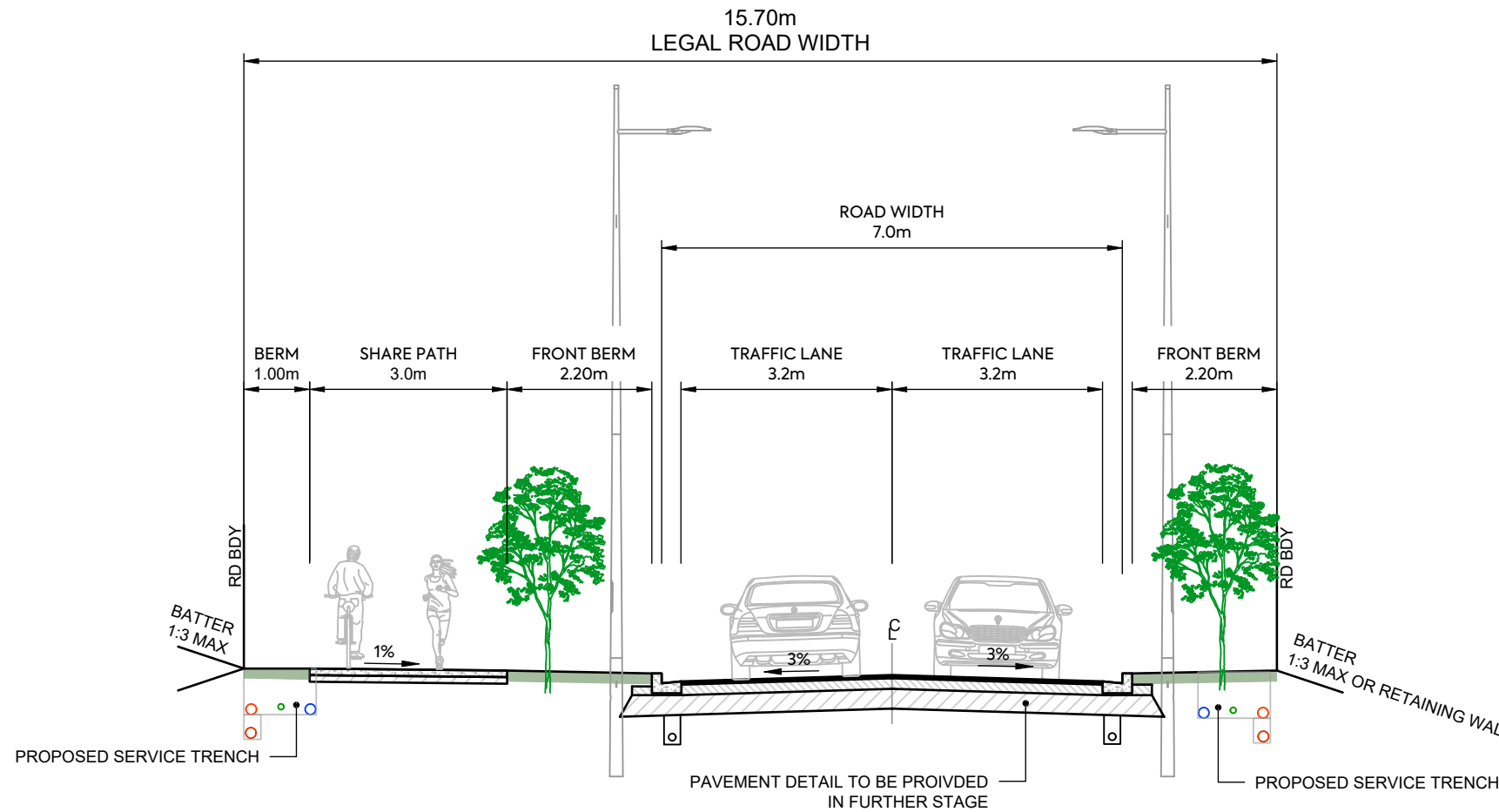
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DRAWING NO: 3325-2-3607
REV: A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	ZW	SL	JK	07/11/2025

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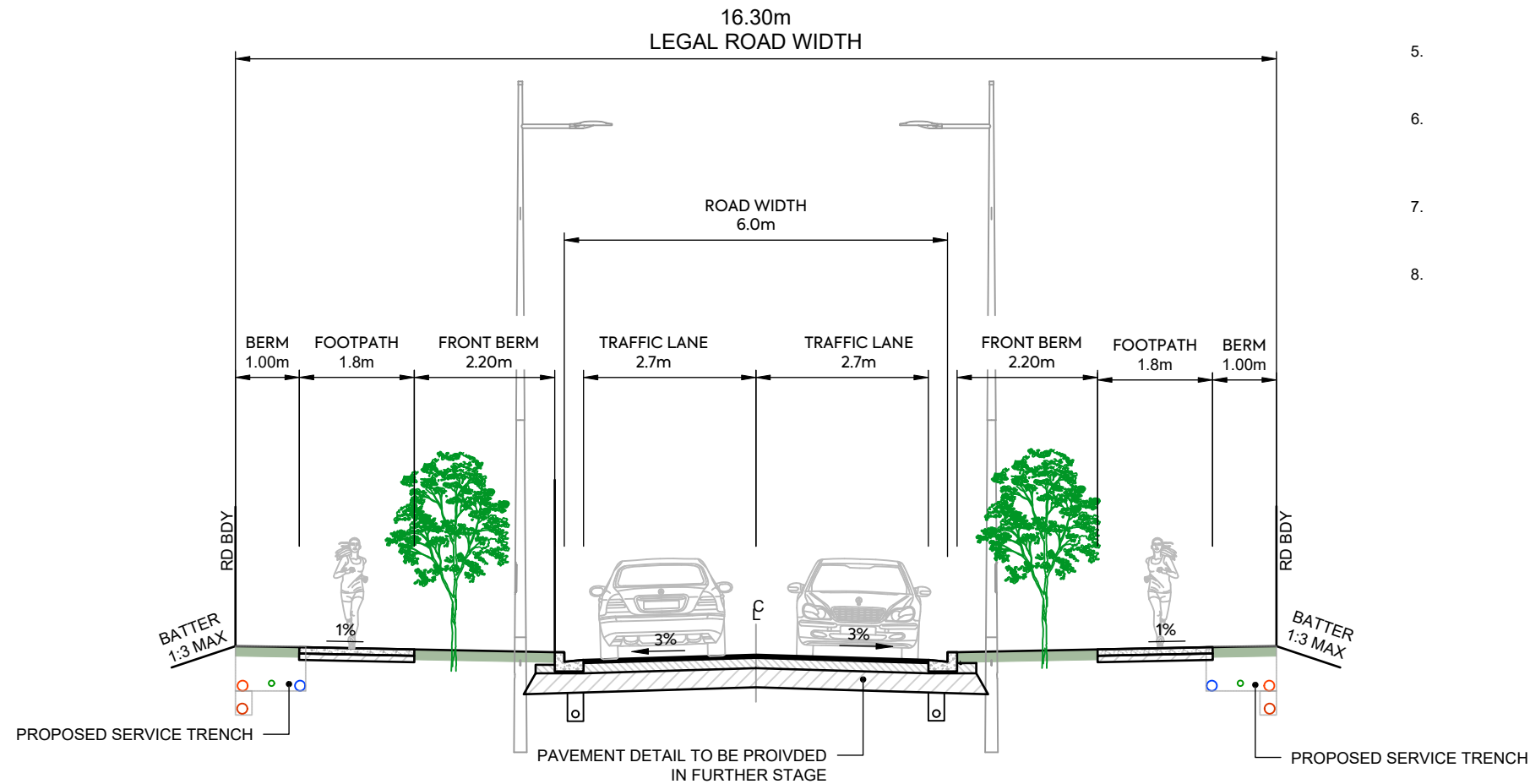
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SPINE ROAD - TYPICAL CROSS SECTION CH421 - CH485

NOTES

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SPINE ROAD - TYPICAL CROSS SECTION CH485 - CH638

CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

ROADING
TYPICAL CROSS SECTION
SHEET 10

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:100
DO NOT SCALE

DRAWING NO:
3325-2-3609

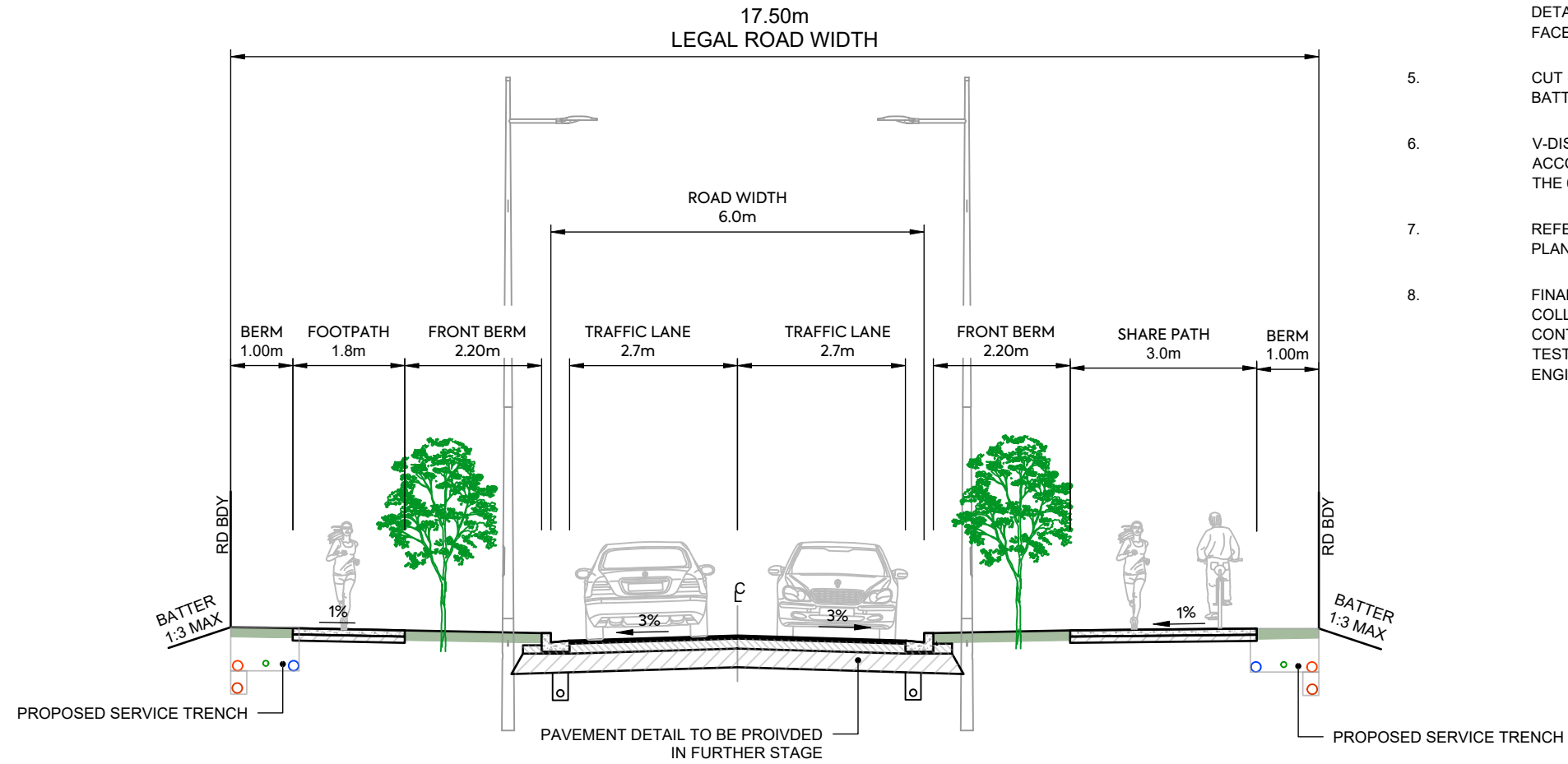
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	ZW	SL	JK	07/11/2025

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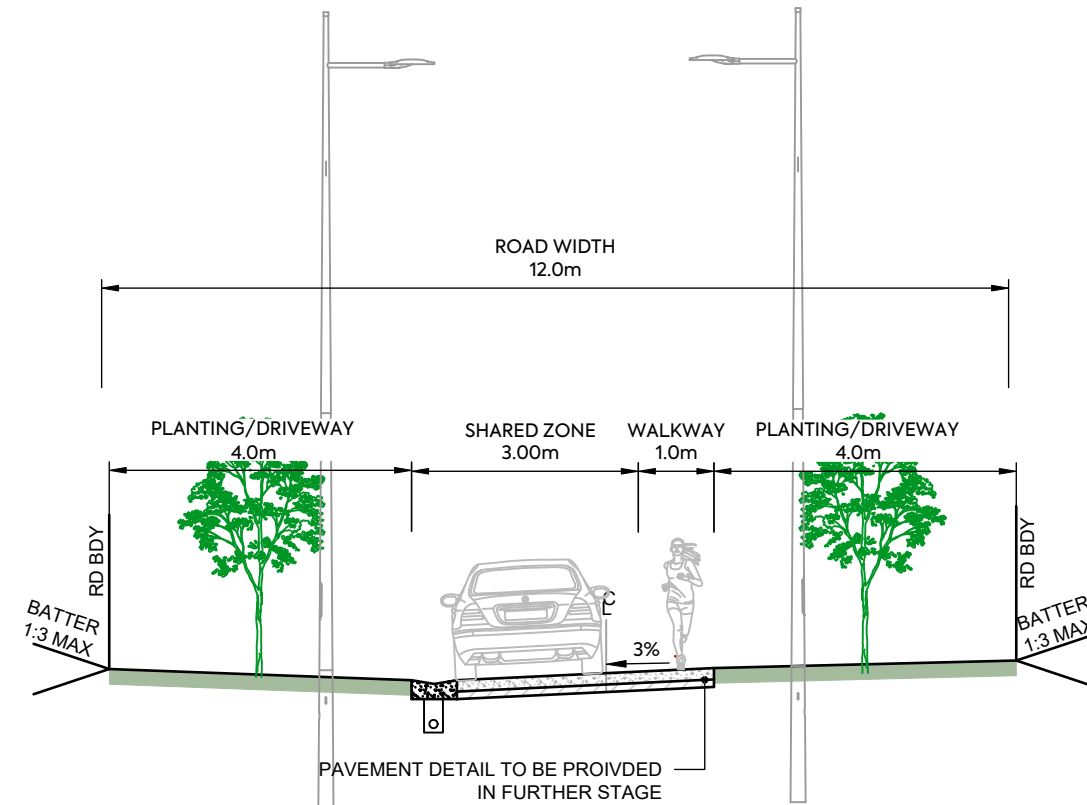
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SPINE ROAD - TYPICAL CROSS SECTION CH638 - CH875

NOTES

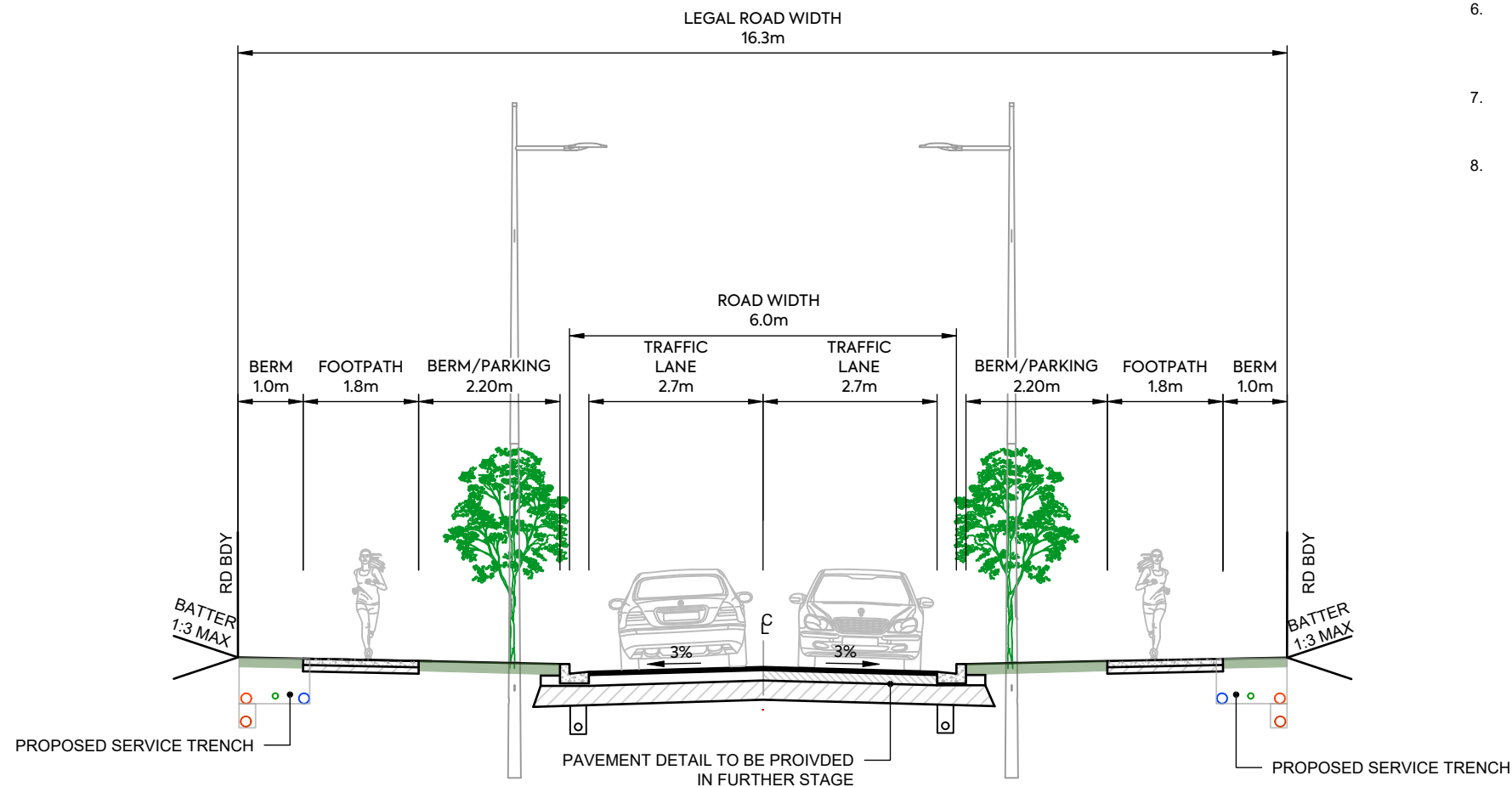
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JOAL - TYPICAL CROSS SECTION

NOTES

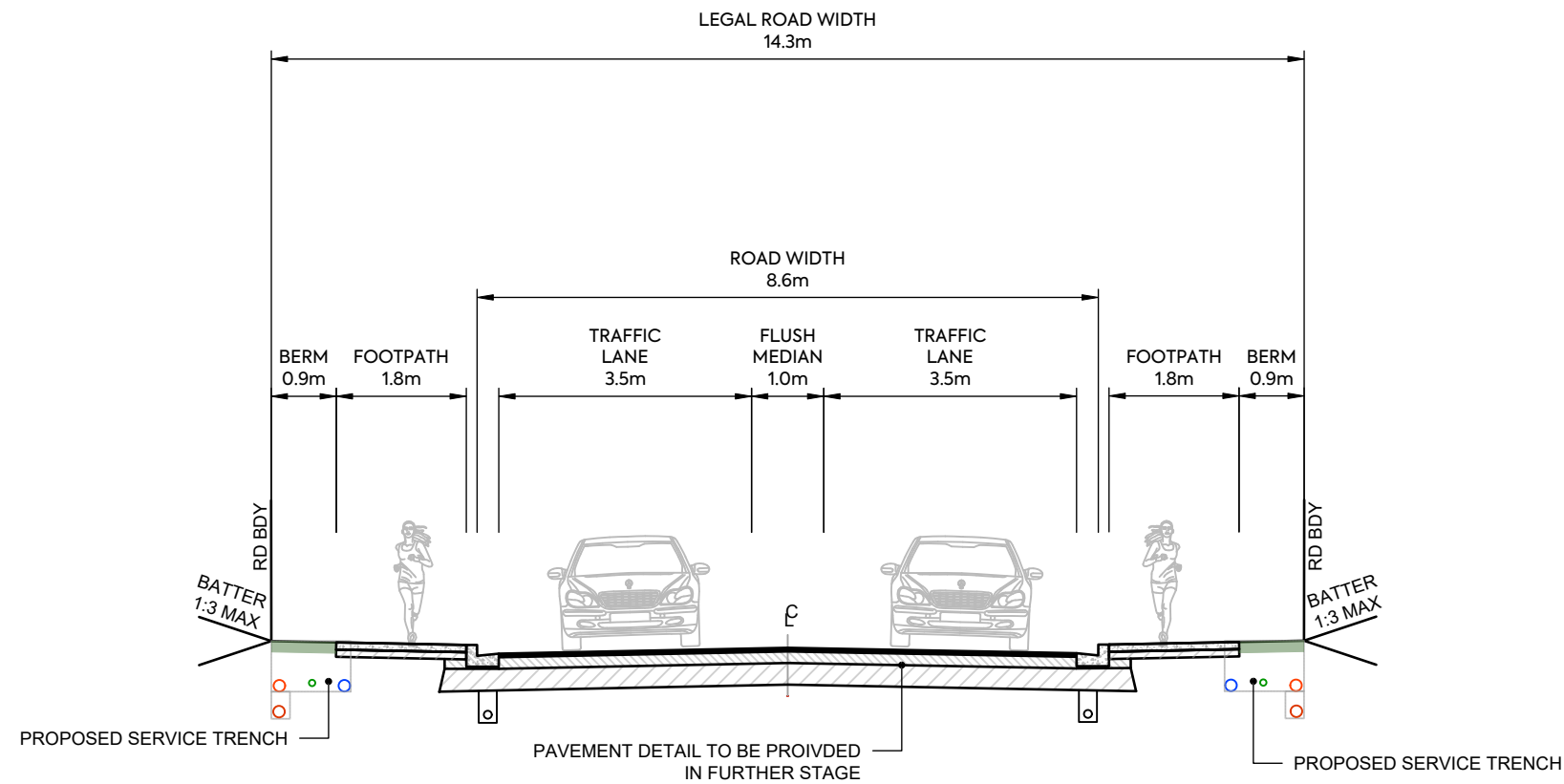
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16.3m LOCAL ROAD - TYPICAL CROSS SECTION

NOTES

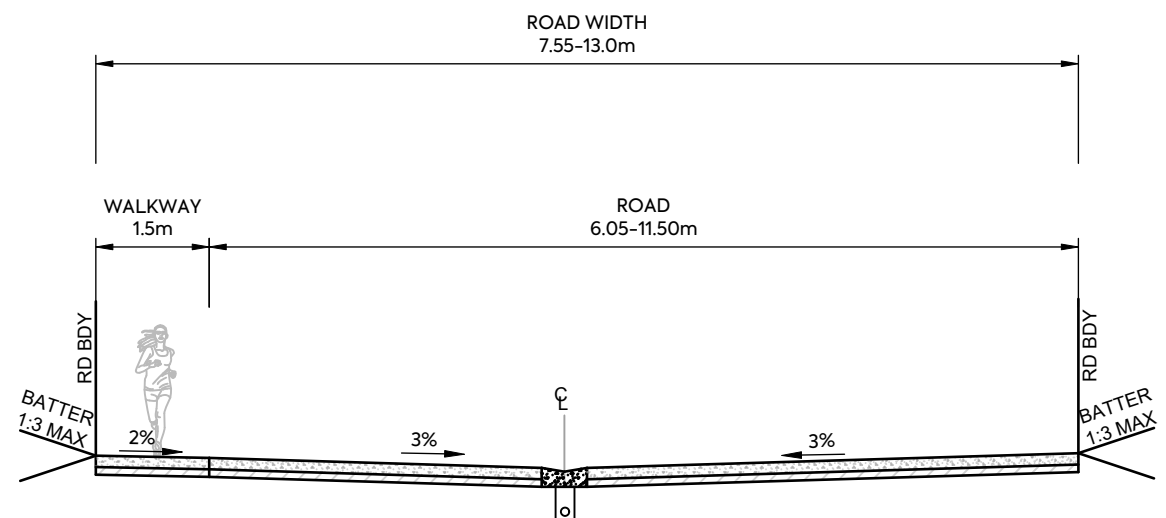
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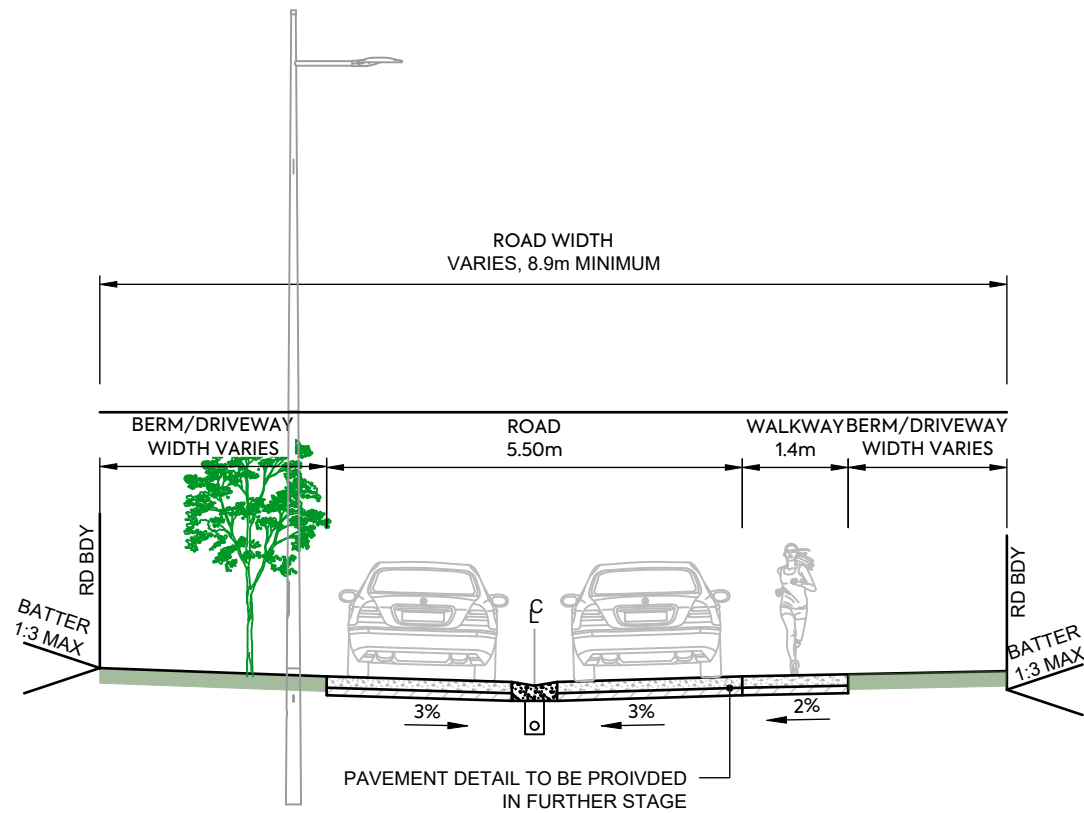
18.6m INDUSTRIAL ROAD SOUTH - TYPICAL CROSS SECTION

NOTES

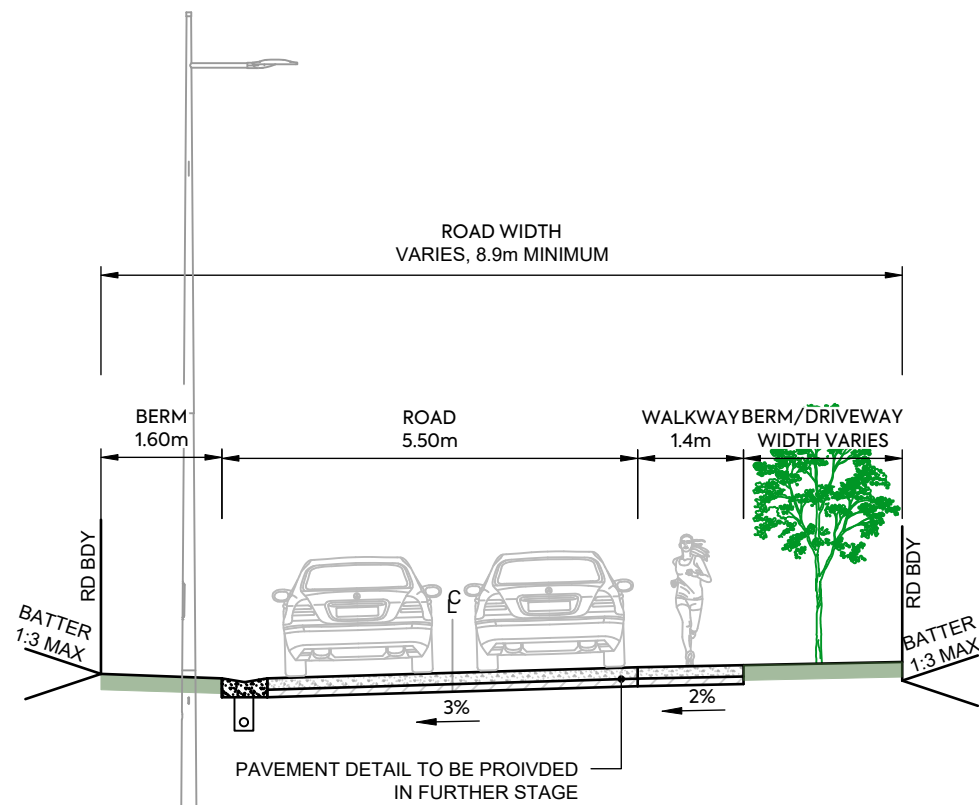
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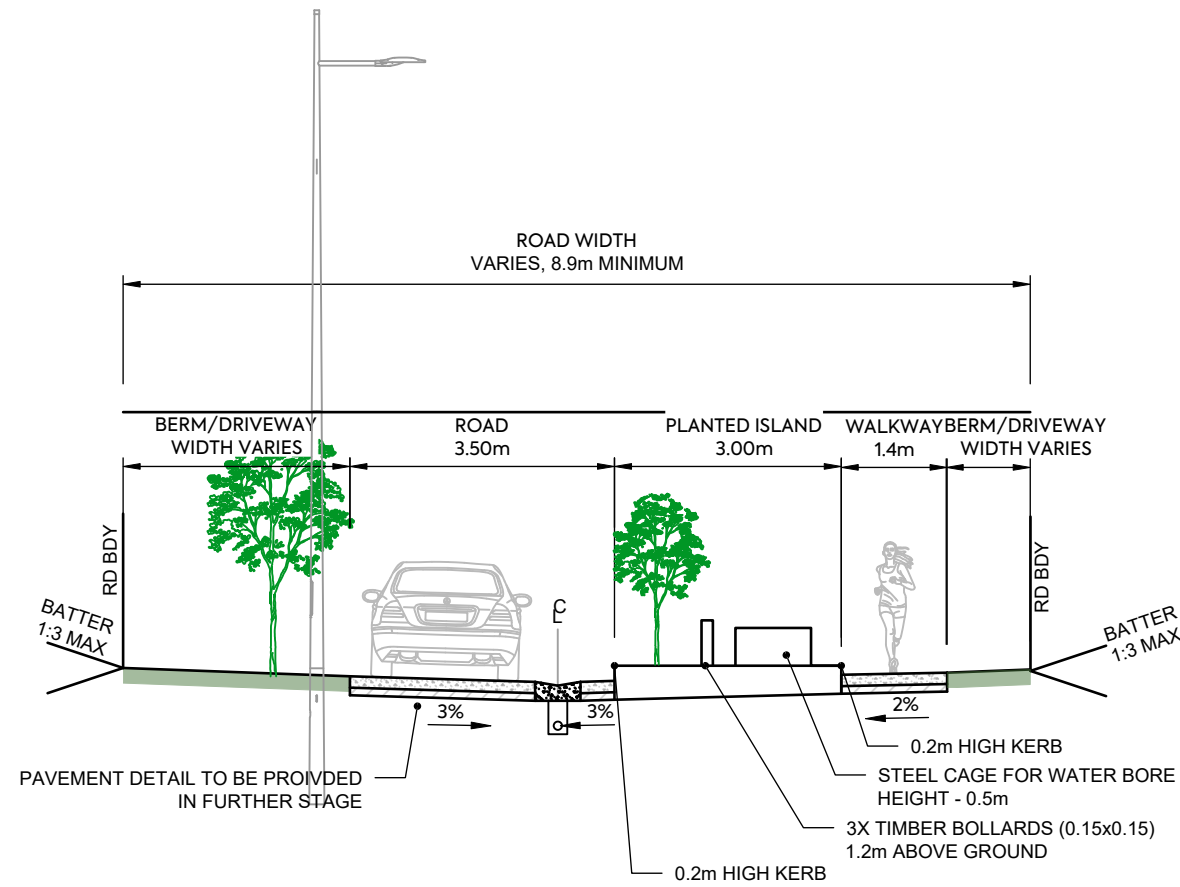
13.0m INDUSTRIAL ROAD EAST- TYPICAL CROSS SECTION



PRIVATE ROAD NORTHEAST - TYPICAL CROSS SECTION 1



PRIVATE ROAD NORTHEAST - TYPICAL CROSS SECTION 2



PRIVATE ROAD NORTHEAST - TYPICAL SECTION 3 WITH PLANTED ISLAND

NOTES

1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
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5. CUT BATTERS VARY UP TO MAXIMUM SLOPE OF 1:3. FILL BATTERS VARY FROM MINIMUM SLOPE OF 1:3.
6. V-DISH CHANNEL (UNDER TRAFFIC) TO BE IN ACCORDANCE WITH ATCOP DRAWING GD011 HOWEVER THE 668 MESH IS TO BE REPLACED WITH 665 MESH.
7. REFER TO LANDSCAPING PLANS FOR TREE AND PLANTING DETAILS.
8. FINAL DEFLECTION ON ROAD PAVEMENT TO BE 1.0mm ON COLLECTOR ROADS AND 1.2mm ON LOCAL ROADS. CONTRACTOR TO UNDETRTAKE BENKELMAN BEAM TESTING PRIOR TO SURFACING FOR APPROVAL BY THE ENGINEER.

CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

ROADING
TYPICAL CROSS SECTION
SHEET 16

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:100

DO NOT SCALE

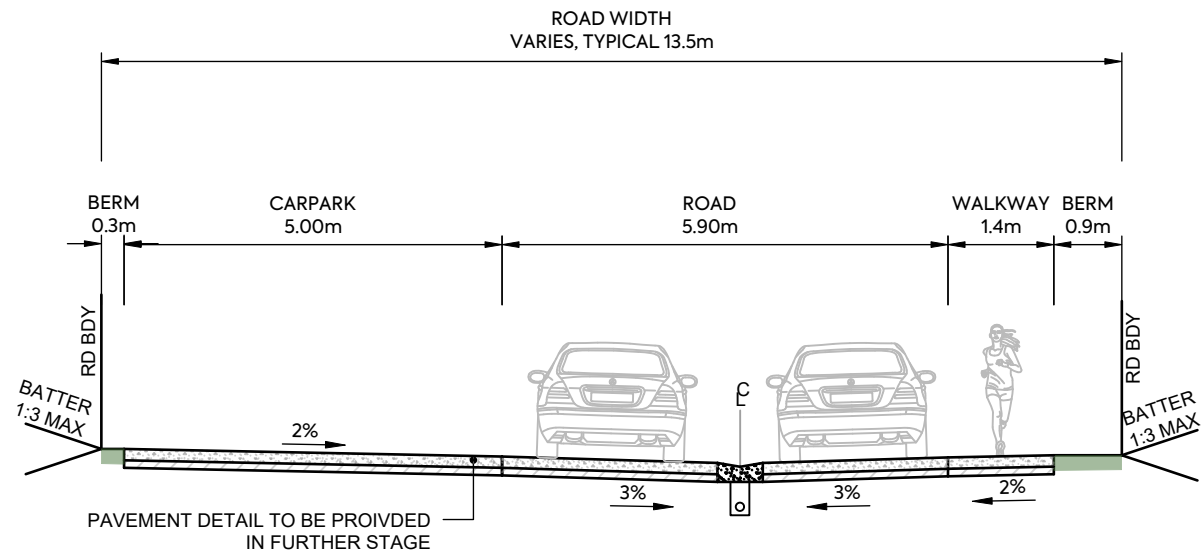
DRAWING NO:

3325-2-3615

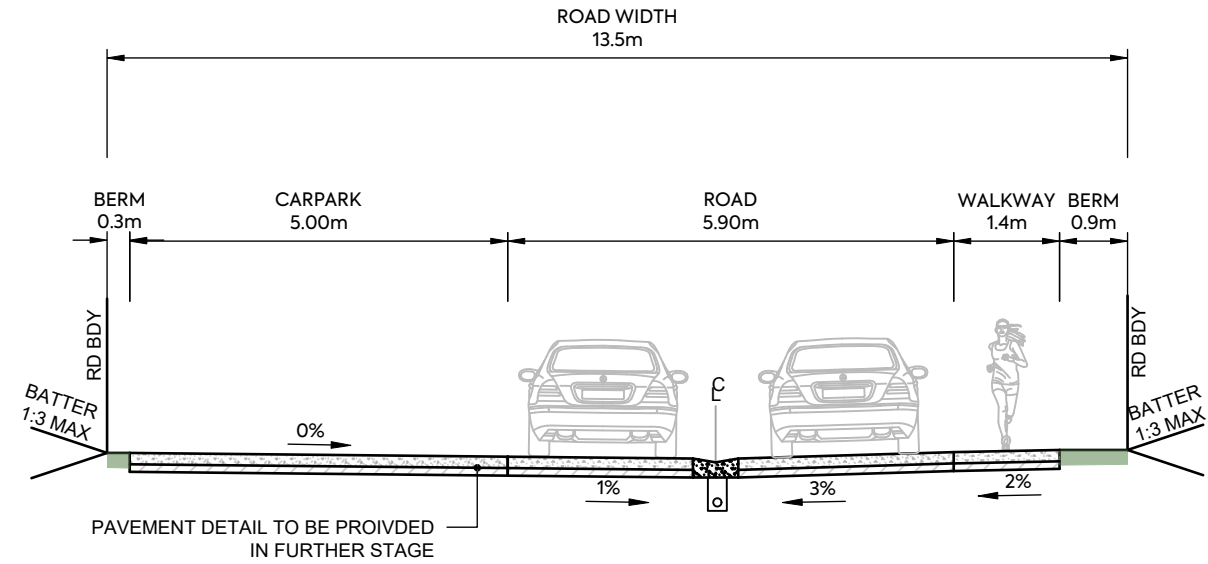
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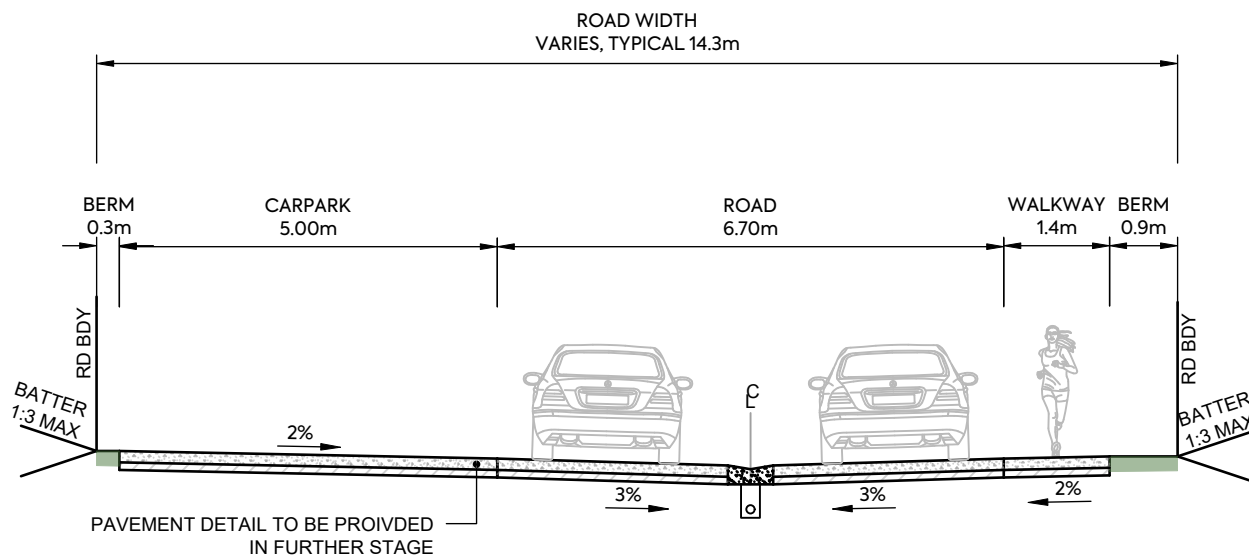




PRIVATE ROAD NORTHEAST REGULAR CARPARKS - TYPICAL CROSS SECTION 1



PRIVATE ROAD NORTHEAST REGULAR CARPARKS - TYPICAL CROSS SECTION 2



PRIVATE ROAD NORTHEAST CASUAL CARPARKS - TYPICAL CROSS SECTION

NOTES

1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
2. GRADE 4 MEMBRANE CHIPSEAL TO BE PLACED (AT 1L/m² OF RESIDUAL BITUMEN) ON BASECOURSE PRIOR TO ASPHALT SURFACING.
3. SUBSOIL DRAINAGE TO BE IN ACCORDANCE WITH ATCOP DRAWING RD025 HOWEVER THE TRENCH BACKFILL IS TO BE IN ACCORDANCE WITH NZTA F2 SPECIFICATION.
4. REFER TO STREETLIGHTING PLANS FOR LIGHTING DETAILS. COLUMNS TO BE MINIMUM 1.0m OFFSET FROM FACE OF KERB TO FACE OF POLE UNLESS SPECIFIED.
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CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

ROADING
TYPICAL CROSS SECTION
SHEET 17

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:

1:100

DO NOT SCALE

DRAWING NO:

3325-2-3616

REV:

A

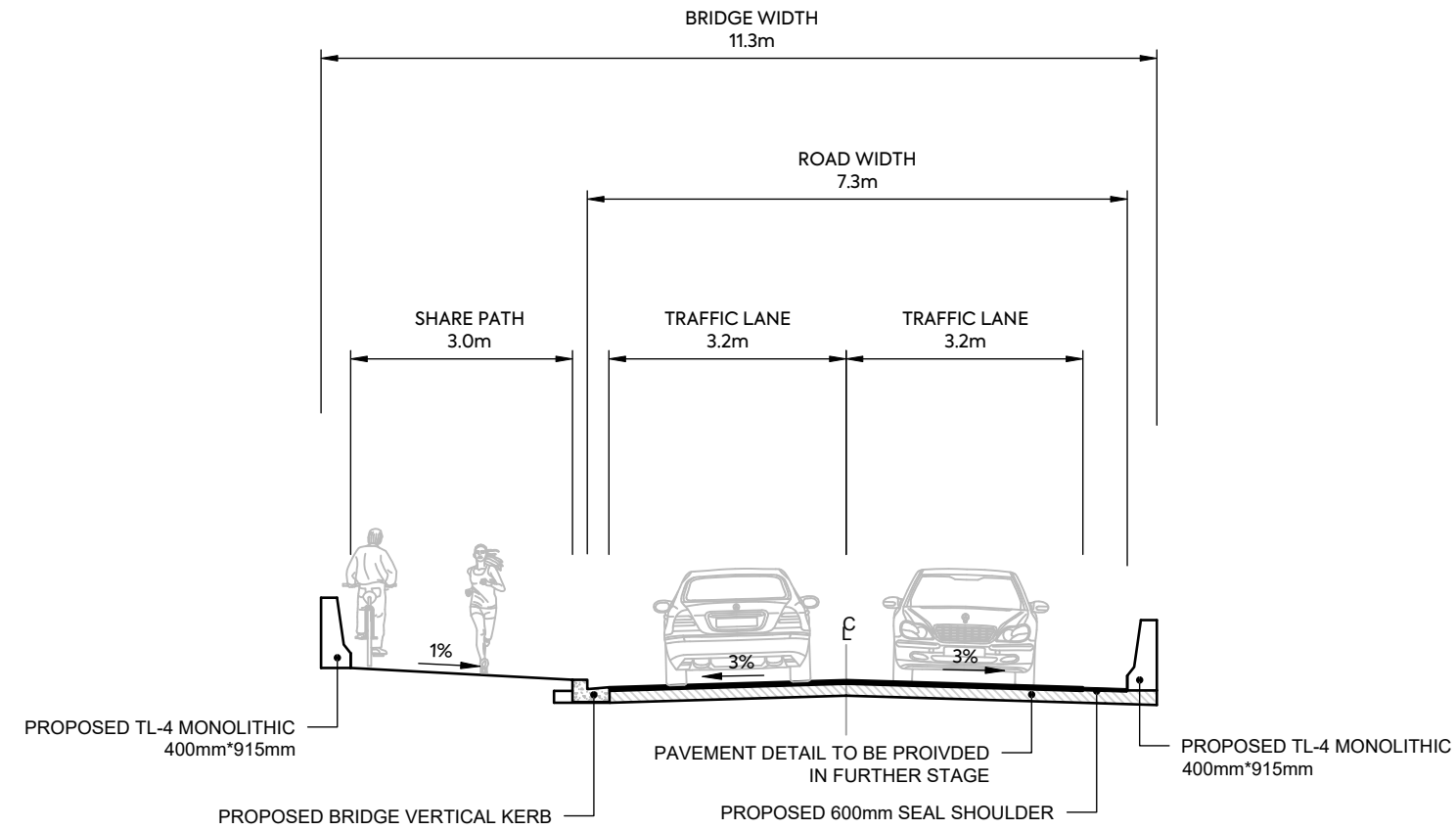


A FIRST ISSUE ZW SL JK 07/11/2025

REV DESCRIPTION DRN BY CHK BY APP BY DATE

NOTES

1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
2. GRADE 4 MEMBRANE CHIPSEAL TO BE PLACED (AT 1L/m² OF RESIDUAL BITUMEN) ON BASECOURSE PRIOR TO ASPHALT SURFACING.
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PUBLIC BRIDGE (SPINE ROAD) - TYPICAL CROSS SECTION

CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

ROADING
TYPICAL CROSS SECTION
SHEET 18

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

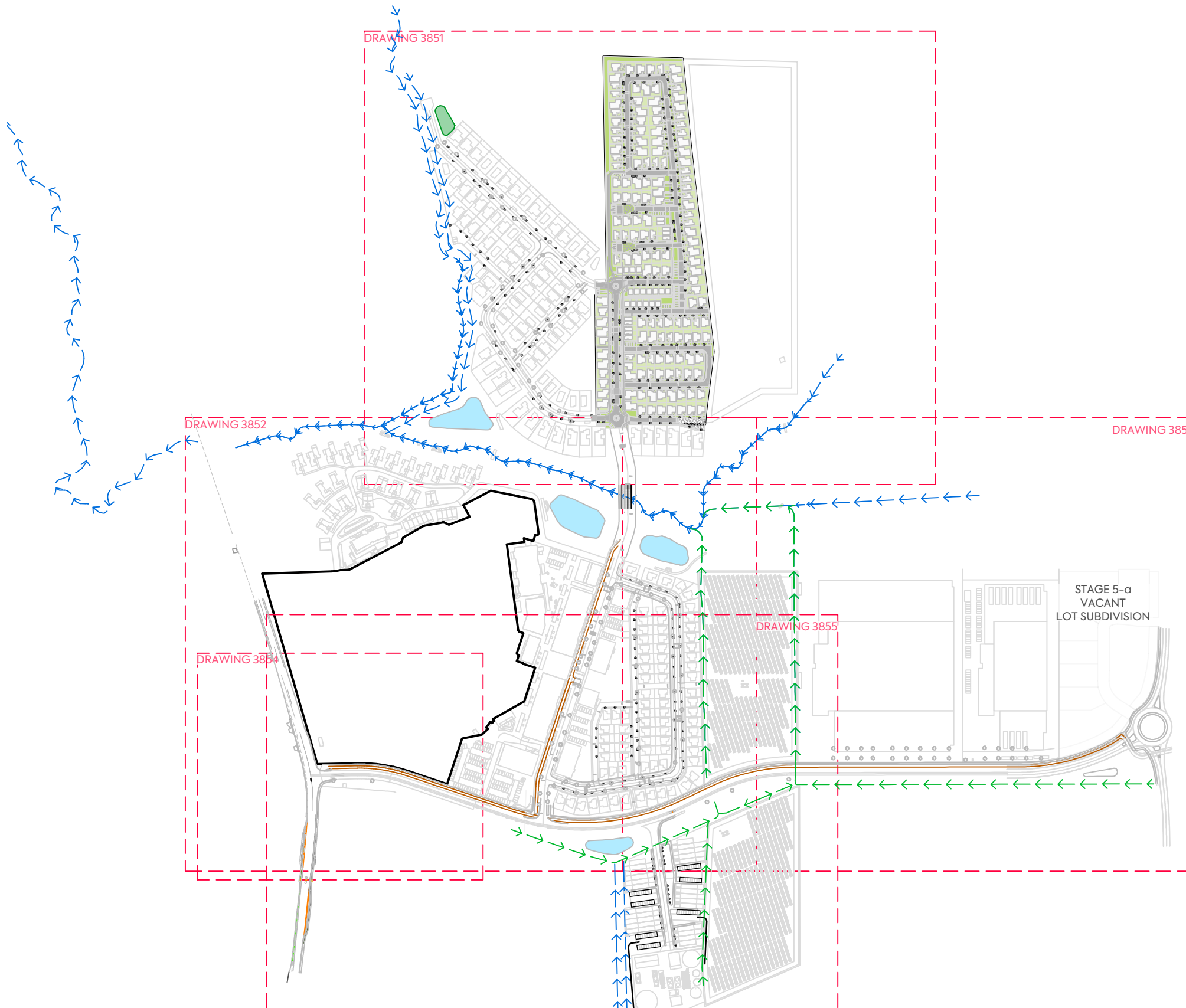
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DRAWING NO:
3325-2-3617

REV:
A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	ZW	SL	JK	07/11/2025



NOTES:

1. ALL WORK AND MATERIALS TO COMPLY WITH AUCKLAND TRANSPORT DESIGN MANUAL (TDM). ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND COUNCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
3. ROAD SETOUT DATA SHOWN ON 300 SERIES DRAWINGS IS TO BE PROVIDED ELECTRONICALLY.
5. VEHICLE ACCESSWAYS FOR JOAL SHALL BE AS PER AT COMMERCIAL VEHICLE STANDARD DRAWING GD019A-1B. ALL OTHER VEHICLE CROSSINGS SHALL BE AS PER AT DRAWING GD017A-1B.
6. REFER TO LANDSCAPE ARCHITECTS FOR STREET TREE DETAILS. TREES SHOWN ON PLAN ARE INDICATIVE ONLY.

LEGEND:

- SITE BOUNDARY
- FUTURE LOT BOUNDARY (SUBJECT TO SEPARATE APPLICATION)
- PROPOSED EDGE OF CARRIAGEWAY
- PROPOSED FOOTPATH STANDARD BROOM FINISH
- PROPOSED ASPHALTIC CONCRETE CARRIAGEWAY
- PROPOSED CYCLEWAY
- PROPOSED GRASS BERM
- EXISTING STREAM
- PROPOSED SWALE
- ROAD CENTRELINE - COLLECTOR
- ROAD CENTRELINE - SPLINE
- ROAD CENTRELINE - LOCAL
- ROAD CENTRELINE - JOAL

CONSTRUCTED WETLAND



CLIENT:

AW HOLDINGS 2021 LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

ROADING
RUBBISH BIN LOCATION
OVERALL PLAN

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:5000

DO NOT SCALE

DRAWING NO:
3325-2-3850

REV:
C

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
C	DRAWING UPDATES	PK	SL	JK	08/06/26
B	DRAWING UPDATES	NS	SL	JK	30/01/26
A	FIRST ISSUE	SH	SL	JK	23/12/25



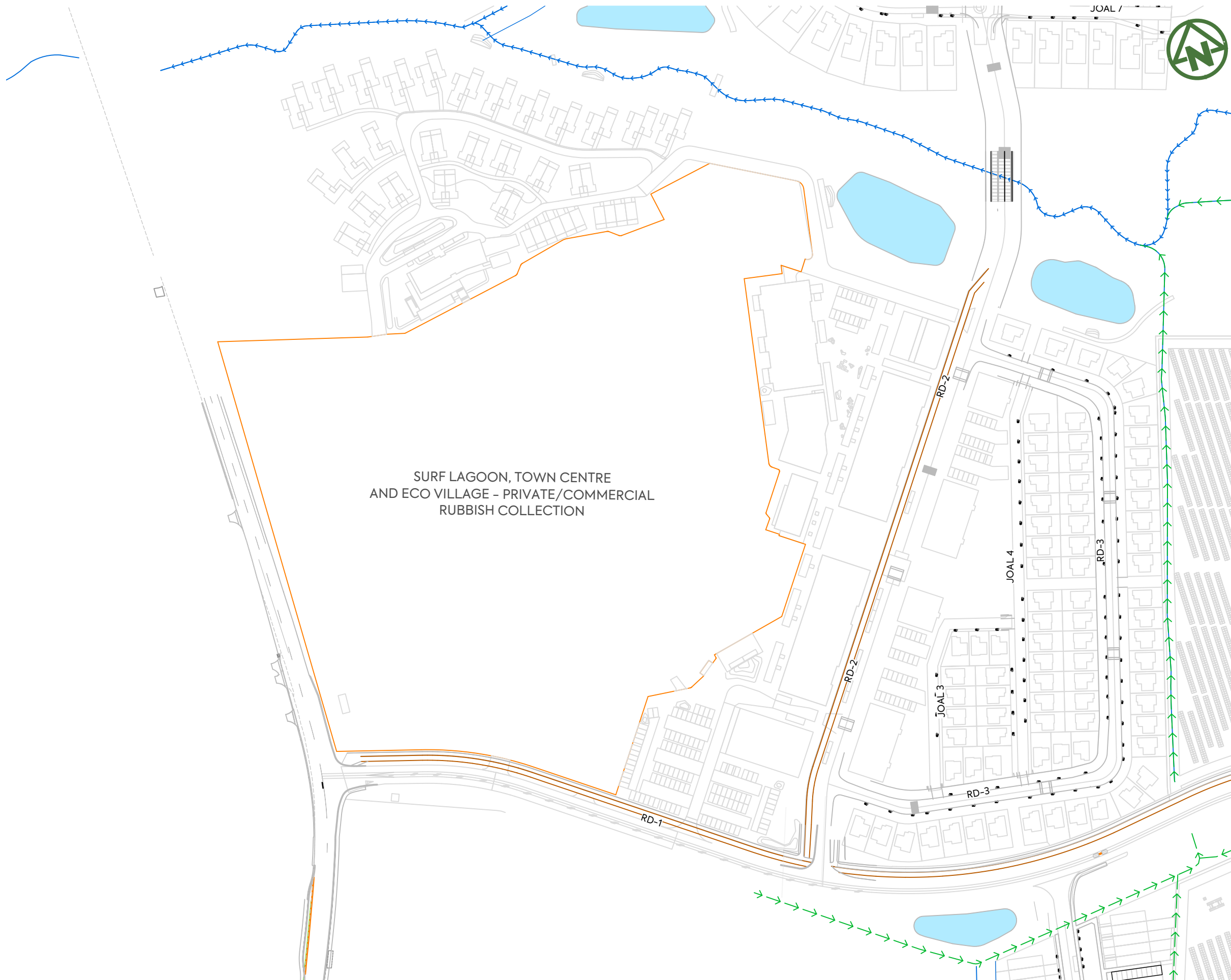


CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: ROADING RUBBISH BIN LOCATION SHEET 1 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



B	DRAWING UPDATES	30/01/26
A	FIRST ISSUE	23/12/25
REV	DESCRIPTION	DATE

SCALE:	1:2000
DO NOT SCALE	
DRAWING NO:	3325-2-3851
REV:	B

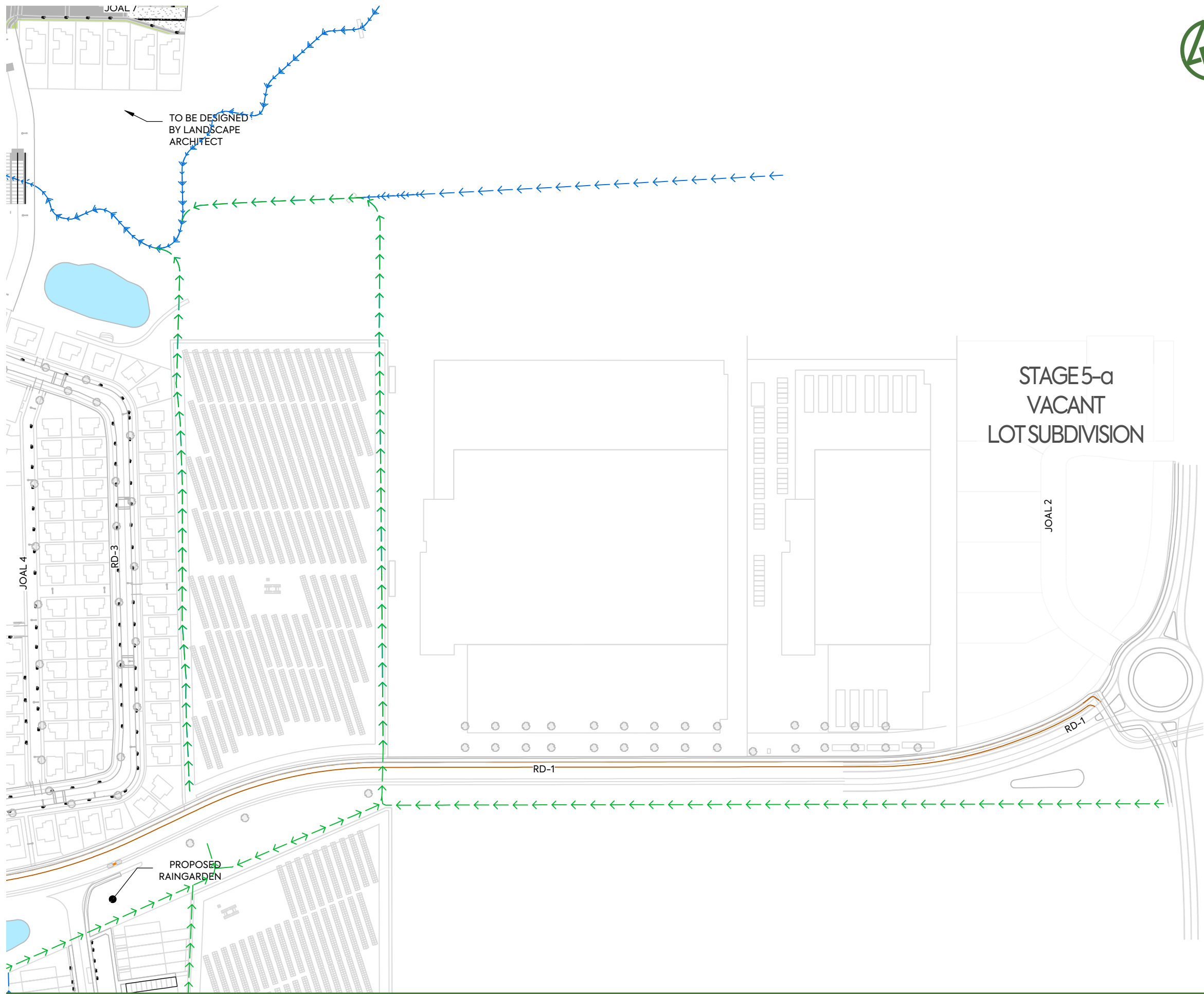


SURF LAGOON, TOWN CENTRE
AND ECO VILLAGE - PRIVATE/COMMERCIAL
RUBBISH COLLECTION

CLIENT:	PROJECT:	TITLE:	PURPOSE OF ISSUE:
AW HOLDINGS 2021 LIMITED	AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	ROADING RUBBISH BIN LOCATION SHEET 2	FOR RESOURCE CONSENT
SCALE: 1:2000 DO NOT SCALE			REV:
DRAWING NO: 3325-2-3852			B

B	DRAWING UPDATES	30/01/26
A	FIRST ISSUE	23/12/25
REV	DESCRIPTION	DATE
DRN BY	CHK BY	APP BY
DATE		





NOTES:

- 1. ALL WORK AND MATERIALS TO COMPLY WITH AUCKLAND TRANSPORT DESIGN MANUAL (TDM). ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND COUNCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
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LEGEND:

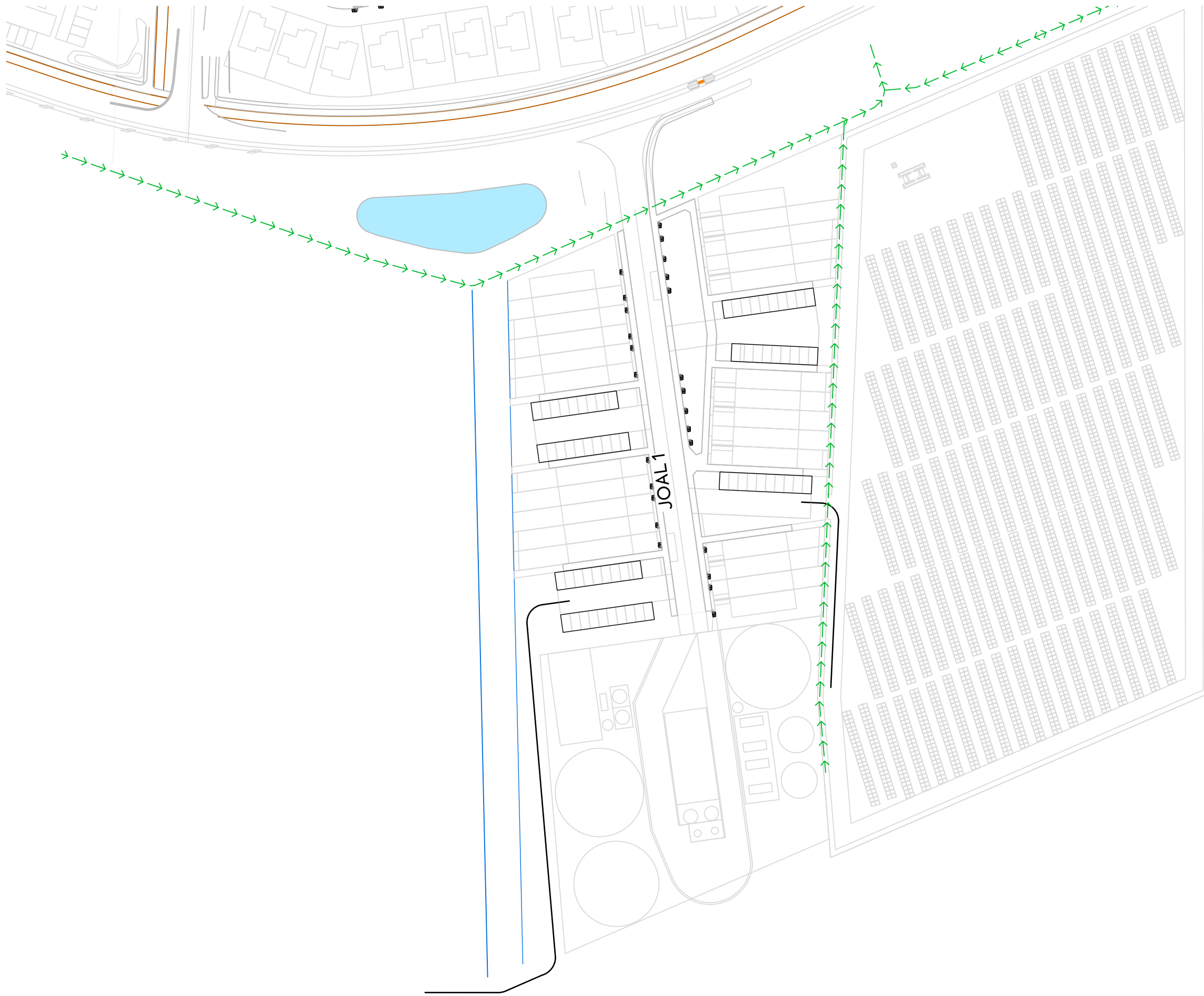
- SITE BOUNDARY
- FUTURE LOT BOUNDARY (SUBJECT TO SEPARATE APPLICATION)
- PROPOSED EDGE OF CARRIAGEWAY
- PROPOSED FOOTPATH STANDARD BROOM FINISH
- PROPOSED ASPHALTIC CONCRETE CARRIAGEWAY
- PROPOSED CYCLEWAY
- PROPOSED GRASS BERM
- EXISTING STREAM
- PROPOSED SWALE
- ROAD CENTRELINE - COLLECTOR
- ROAD CENTRELINE - SPLINE
- ROAD CENTRELINE - LOCAL
- ROAD CENTRELINE - JOAL

CONSTRUCTED WETLAND

<p>CLIENT: AW HOLDINGS 2021 LIMITED</p>	<p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: ROADING RUBBISH BIN LOCATION SHEET 3</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p> <p>SCALE: 1:2000 DO NOT SCALE</p> <p>DRAWING NO: 3325-2-3853 REV: C</p>
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
C	DRAWING UPDATES	PK	SL	JK	08/06/26
B	DRAWING UPDATES	NS	SH	JK	30/01/26
A	FIRST ISSUE	SH	SL	JK	23/12/25





CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

ROADING
RUBBISH BIN LOCATION
SHEET 3

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

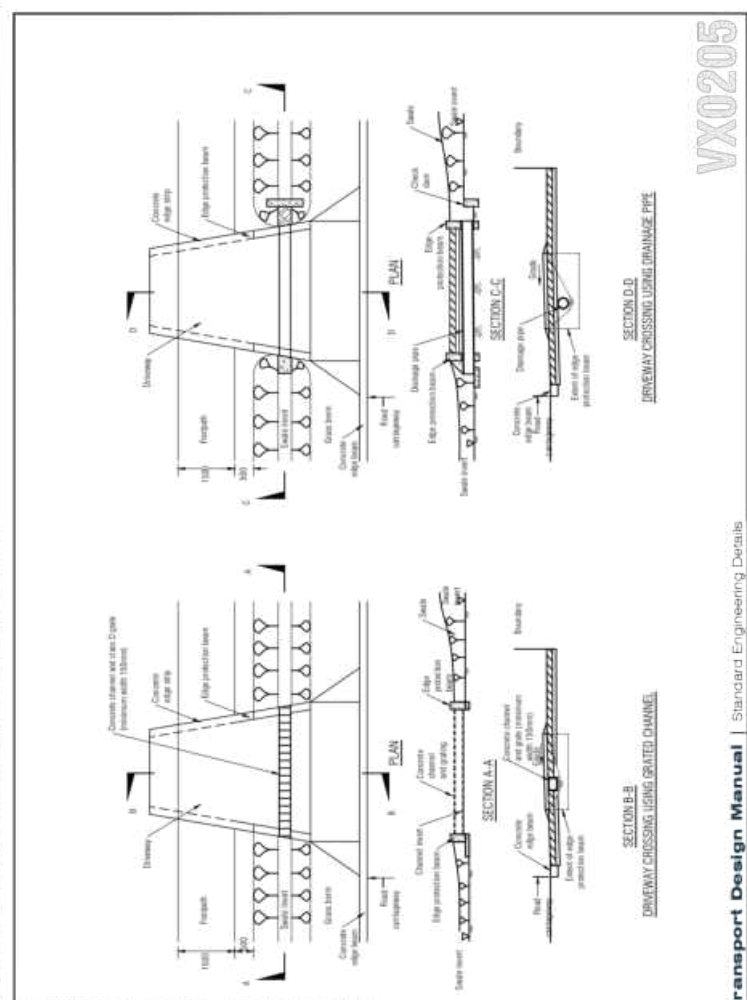
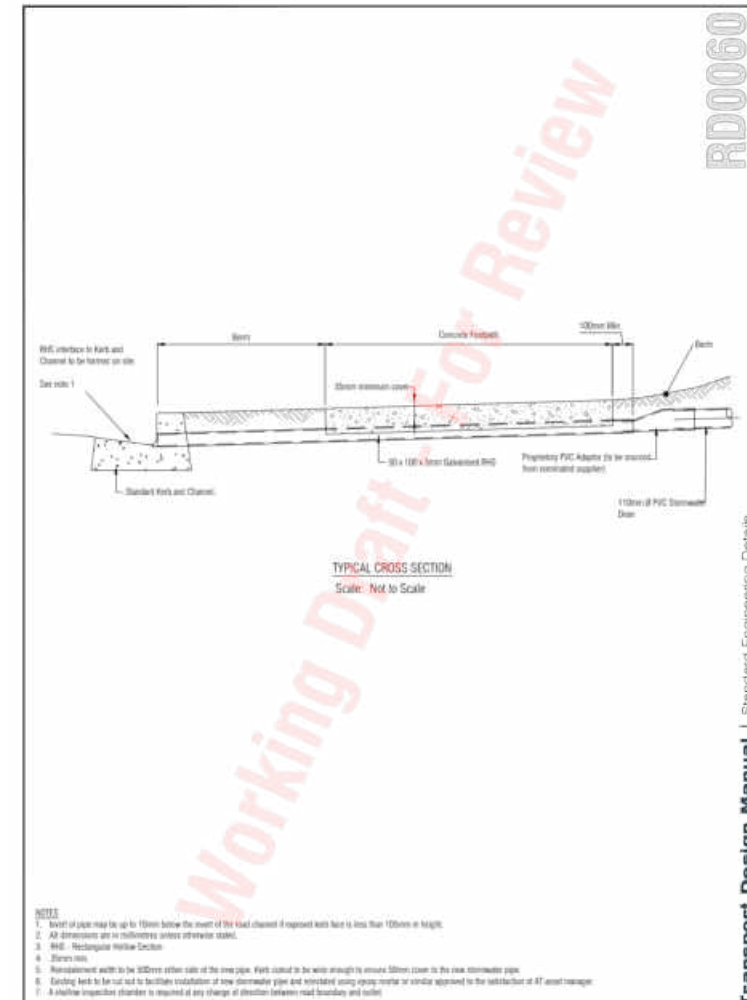
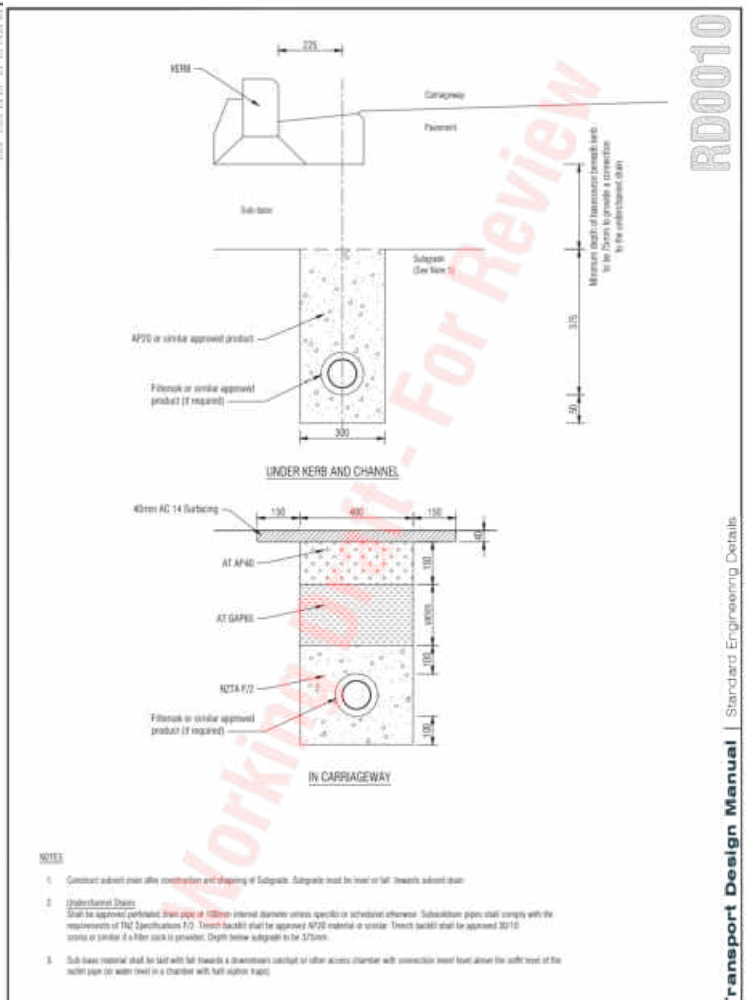
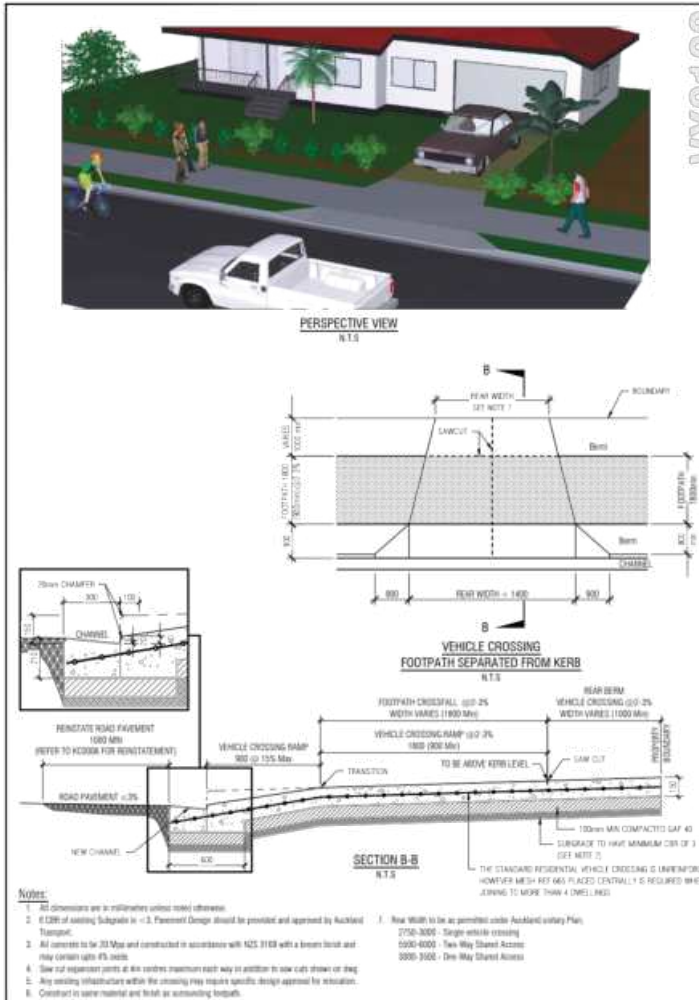
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DRAWING NO:
3325-2-3855

REV:
B



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
B	DRAWING UPDATES				30/01/26
A	FIRST ISSUE				23/12/25



TDM TECHNICAL STANDARDS
Residential Vehicle Crossing (Sheet 3 of 4)

20/05/2021
VX0103

APPROVED

TDM TECHNICAL STANDARDS
Subsoil drain

Document in Review
RD0010

Review 1

TDM TECHNICAL STANDARDS
Kerb discharge

Document in Review
RD0060

Review 1

TDM TECHNICAL STANDARDS
Typical commercial driveway crossing through a swale

20/05/2021
VX0205

APPROVED

CLIENT:	PROJECT:	TITLE:	PURPOSE OF ISSUE:
AW HOLDINGS 2021 LIMITED	AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	ROADING	FOR RESOURCE CONSENT
		STANDARD DETAILS	SCALE: N.T.S. DO NOT SCALE
			DRAWING NO: 3325-2-3900 REV: A