



AUCKLAND SURF PARK

AW HOLDINGS 2021 LTD

ENGINEERING DRAWINGS

RESOURCE CONSENT

MCK PROJECT NO. | **3325 -2**
ISSUE DATE: | JAN. 2026



AUCKLAND SURF PARK

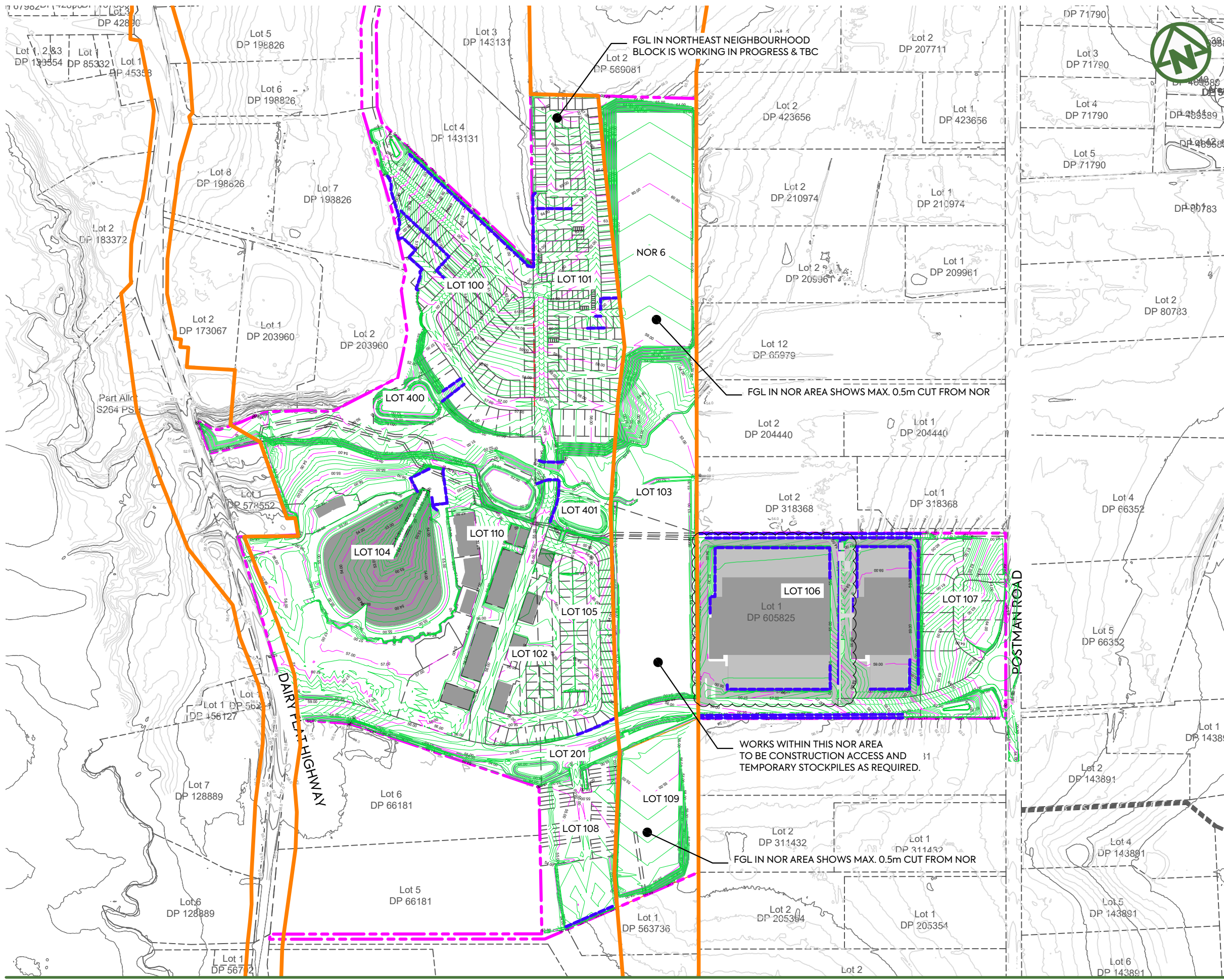
DRAWING INDEX

DWG NO.	TITLE	REV
Cover Sheet		
0000	Cover Sheet	C
0001	Index Sheet	C
Earthworks		
2000	Earthworks Final Contour Overall Plan	C
2001	Earthworks Final Contour Plan Key Sheet	C
2002	Earthworks Final Contour Plan Sheet 1	B
2003	Earthworks Final Contour Plan Sheet 2	B
2004	Earthworks Final Contour Plan Sheet 3	B
2005	Earthworks Final Contour Plan Sheet 4	B
2100	Earthworks Cut and Fill Plan Overall	C
2101	Earthworks Cut and Fill Plan Key Sheet	C
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	A
2111	Earthworks Cut and Fill Plan Sheet 10	B
2112	Earthworks Cut and Fill Plan Sheet 11	B
2113	Earthworks Cut and Fill Plan Sheet 12	B
2114	Earthworks Cut and Fill Plan Sheet 13	A
2115	Earthworks Cut and Fill Plan Sheet 14	B
2300	Erosion and Sed Control Plan Overview	A
2301	Erosion and Sed Control Catchment Plan Key Sheet	A
2302	Erosion and Sed Control Catchment Plan Sheet 1	A
2303	Erosion and Sed Control Catchment Plan Sheet 2	A
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
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	B
3001	Roading Plan sheet 1	B
3002	Roading Plan sheet 2	B
3003	Roading Plan sheet 3	B
3004	Roading Plan sheet 4	B
3005	Roading Plan sheet 5	B
3100	Roading Plan and Long Section Sheet 1	B
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

3005	Roading Plan sheet 5	B
3100	Roading Plan and Long Section Sheet 1	B
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	B
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	B
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	B
3854	Roading Rubbish Bin Location Plan Sheet 4	B
3900	Roading Standard Details	A
DWG NO.	TITLE	REV
Stormwater		
4000	Stormwater Plan Overall	B
4001	Stormwater Plan Page Finder	B
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	B
4023	Stormwater Plan Sheet 22	B
4024	Stormwater Plan Sheet 23	B
4610	Stormwater 1% AEP Catchment Plan Overall	A
4615	Stormwater 1% AEP Catchment Cross Section Sheet 1	A
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	B
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	B
4646	Stormwater Treatment Device Catchments	B
4650	Stormwater Proposed 1% AEP Catchments	B
4651	Stormwater Proposed 1% AEP Catchments	B
4652	Stormwater Proposed 1% AEP Catchments	B
4653	Stormwater Proposed 1% AEP Catchments	B
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	B
5001	Wastewater Plan Sheet 1	B
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	B
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	B
6001	Water Supply Plan Sheet 1	B
6002	Water Supply Plan Sheet 2	B
6003	Water Supply Plan Sheet 3	B
6004	Water Supply Plan Sheet 4	B
6005	Water Supply Plan Sheet 5	B
Utilities		
7000	Utilities Plan Overall	B
7001	Utilities Plan Sheet 1	B
7002	Utilities Plan Sheet 2	B
7003	Utilities Plan Sheet 3	B
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.
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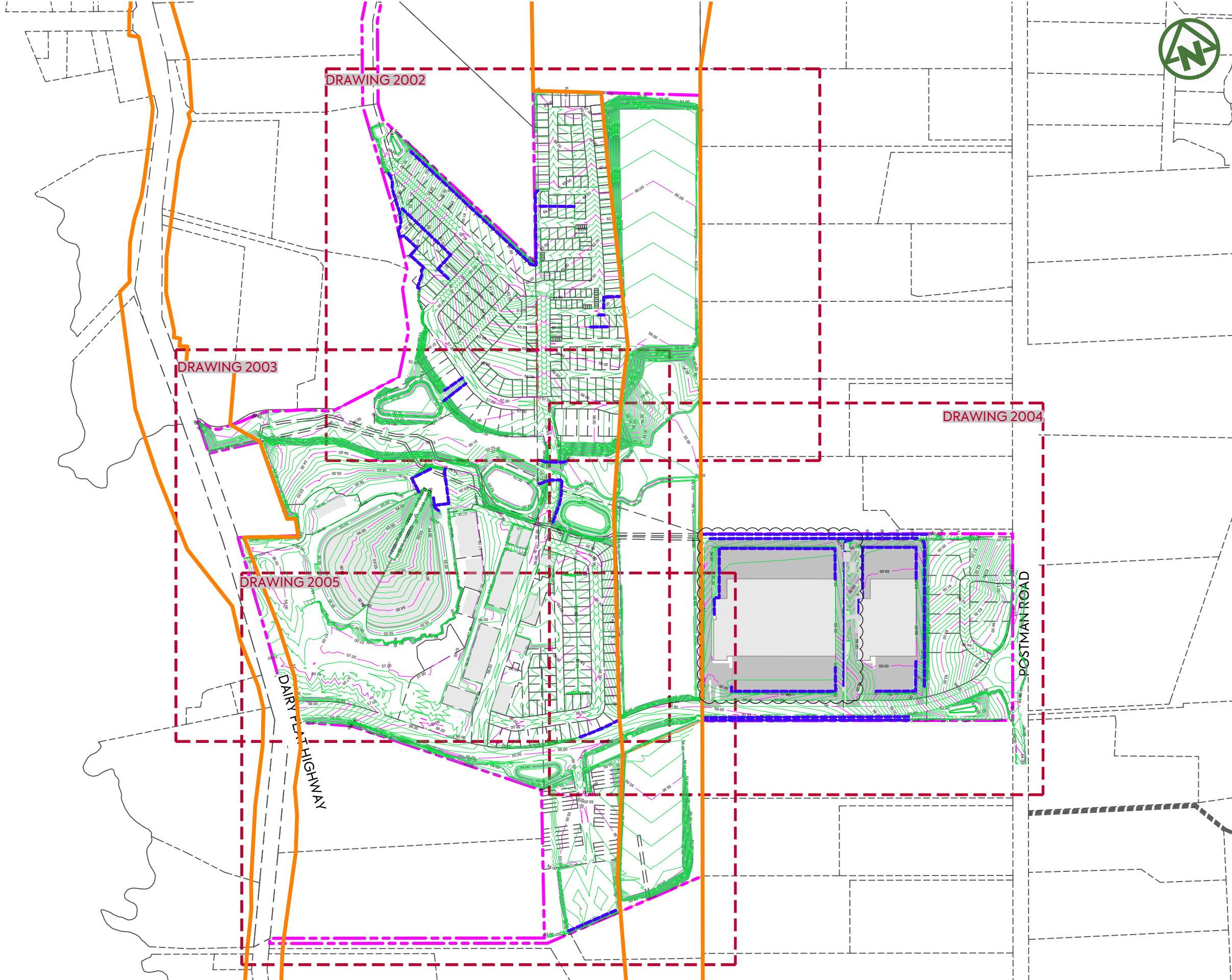
LEGEND:

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

<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 OVERALL PLAN</p> <p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p>	<p>SCALE: 1:5000</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 3325-2-2000</p> <p>REV: C</p>
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
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



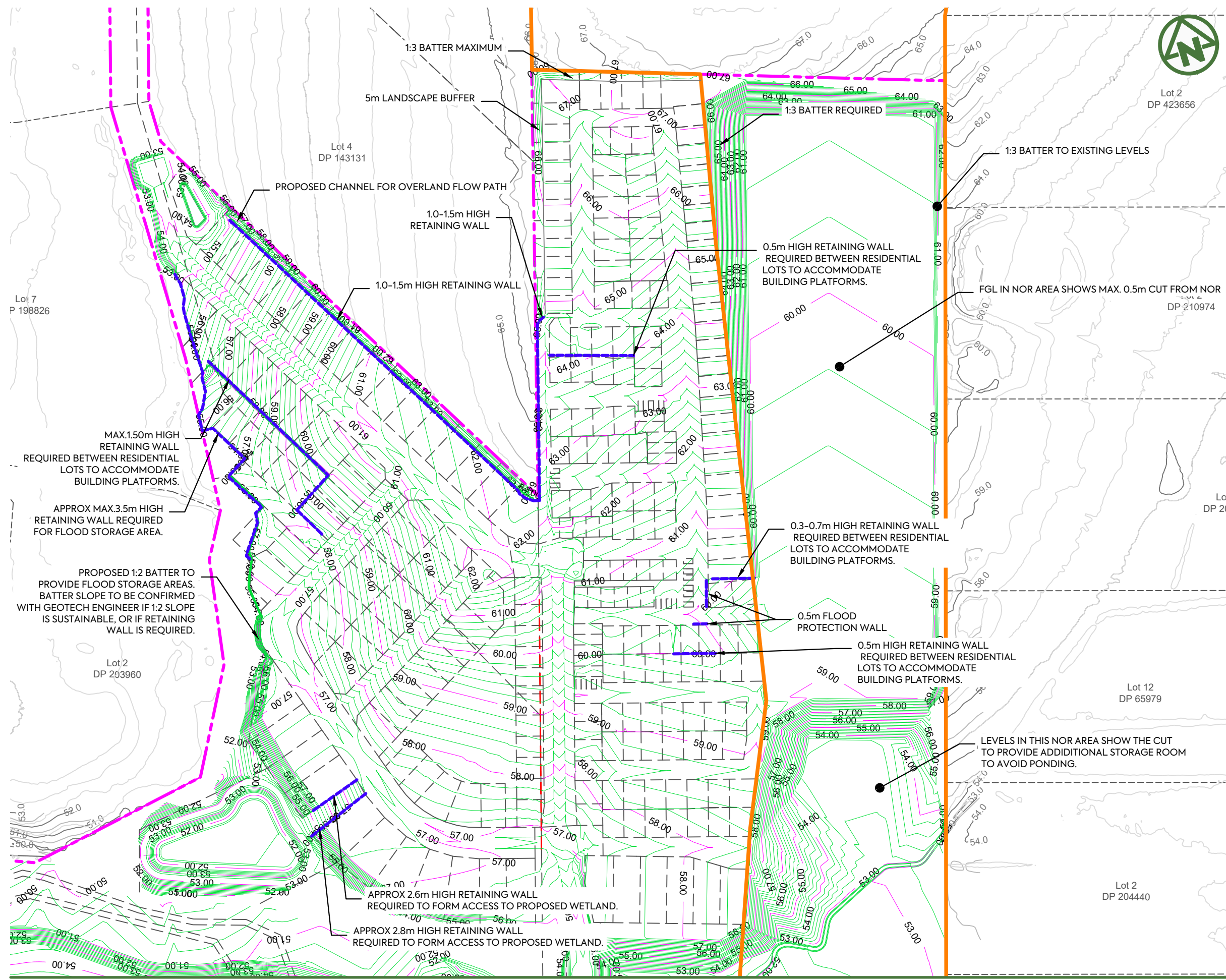


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LEGEND:

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

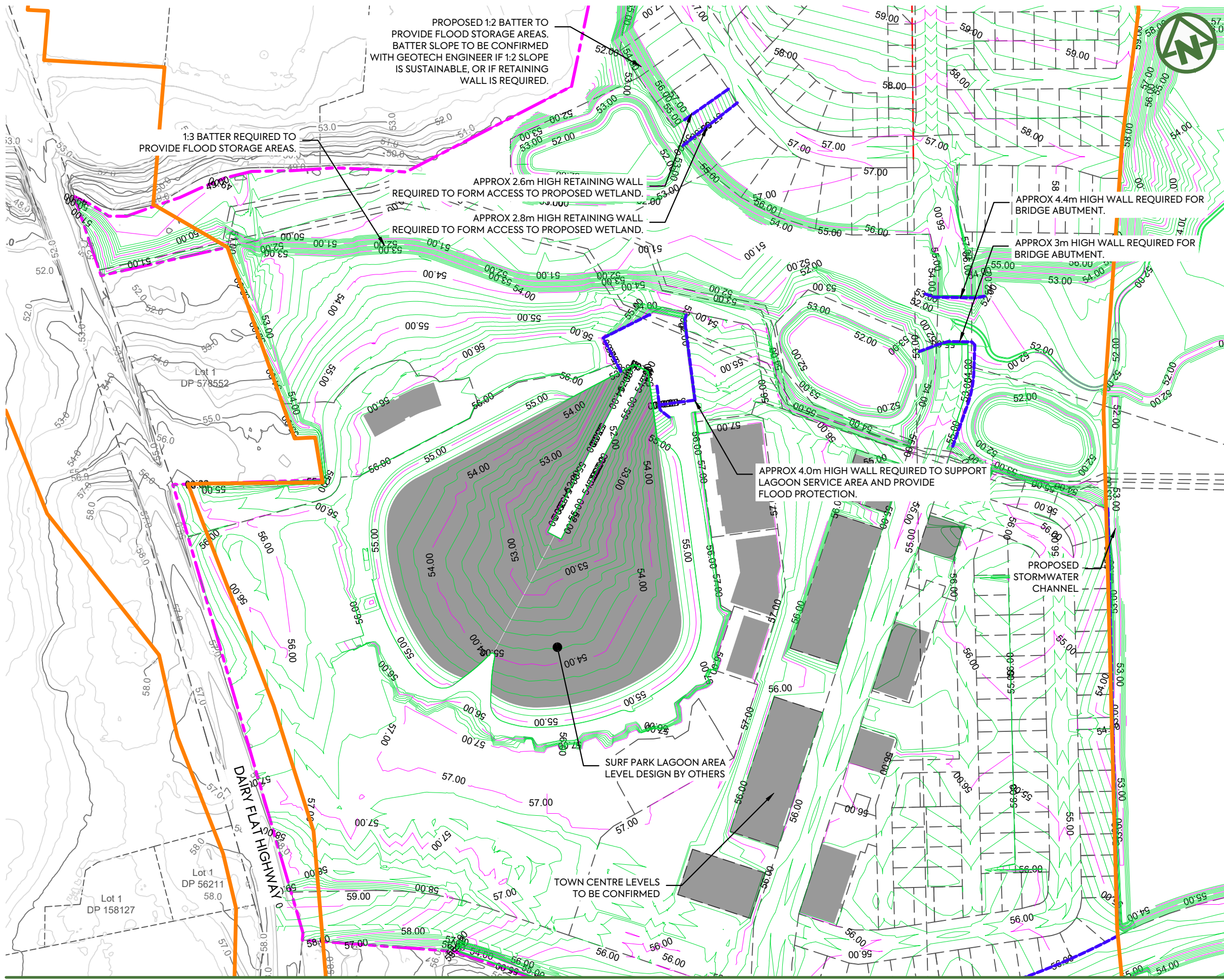
	CLIENT: AW HOLDINGS 2021 LIMITED	PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	TITLE: EARTHWORKS FINAL CONTOUR PLAN KEY SHEET	PURPOSE OF ISSUE: FOR RESOURCE CONSENT																								
<table border="0" style="width: 100%;"> <tr> <td style="width: 10%;">C</td> <td style="width: 60%;">DRAWING UPDATES</td> <td style="width: 10%;">NS</td> <td style="width: 10%;">SL</td> <td style="width: 10%;">SL</td> <td style="width: 10%;">13/01/26</td> </tr> <tr> <td>B</td> <td>DATA CENTRE RE-DESIGN</td> <td>DK</td> <td>SL</td> <td>SL</td> <td>08/12/25</td> </tr> <tr> <td>A</td> <td>FIRST ISSUE</td> <td>AL</td> <td>SL</td> <td>SL</td> <td>07/11/25</td> </tr> <tr> <td>REV</td> <td>DESCRIPTION</td> <td>DRN BY</td> <td>CHK BY</td> <td>APP BY</td> <td>DATE</td> </tr> </table>	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	REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE		SCALE: 1:5000 DO NOT SCALE	DRAWING NO: 3325-2-2001	REV: C
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FUTURE CADASTRAL BOUNDARIES	
NOR	
PROPOSED RETAINING WALL	



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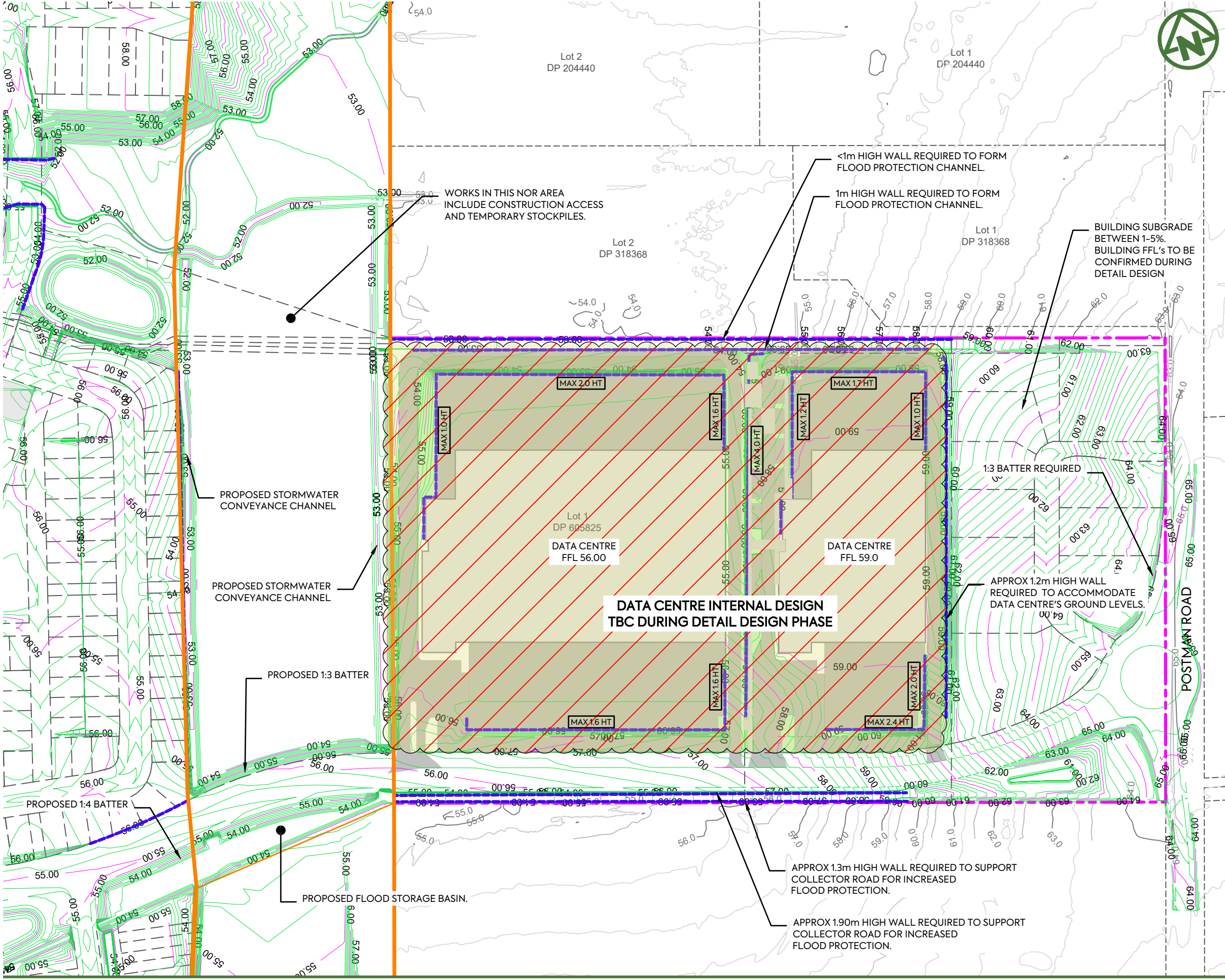
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EXISTING CADASTRAL BOUNDARIES	
FUTURE CADASTRAL BOUNDARIES	
NOR	
PROPOSED RETAINING WALL	

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

MCKENZIE & CO.

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

SCALE:	1:2000
DO NOT SCALE	
DRAWING NO:	3325-2-2003
REV:	B



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LEGEND:

SITE BOUNDARY	--- (Magenta dashed line)
PROPOSED (1.0m) MAJOR CONTOUR	— (Magenta solid line)
PROPOSED (0.2m) MINOR CONTOUR	— (Green solid line)
EXISTING CONTOURS	— (Grey solid line)
EXISTING CADASTRAL BOUNDARIES	- - - (Black dashed line)
FUTURE CADASTRAL BOUNDARIES	- - - (Black dashed line)
NOR	— (Orange solid line)
PROPOSED RETAINING WALL	— (Blue dashed line)

CLIENT: PROJECT: TITLE:

PURPOSE OF ISSUE:



AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

EARTHWORKS
FINAL CONTOUR PLAN
SHEET 3

FOR RESOURCE CONSENT

SCALE:
1:2000

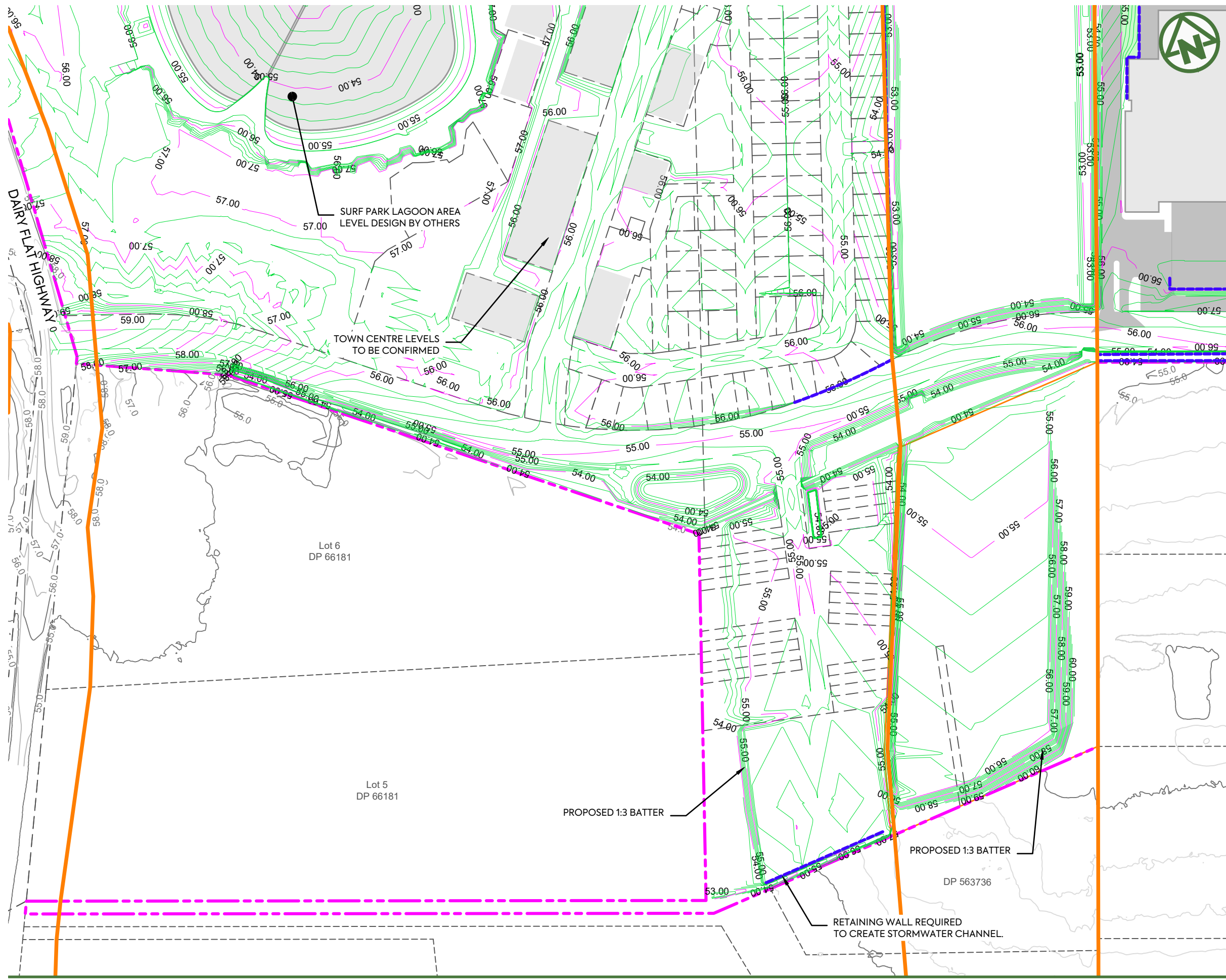
DO NOT SCALE

DRAWING NO. REV:

3325-2-2004

B

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



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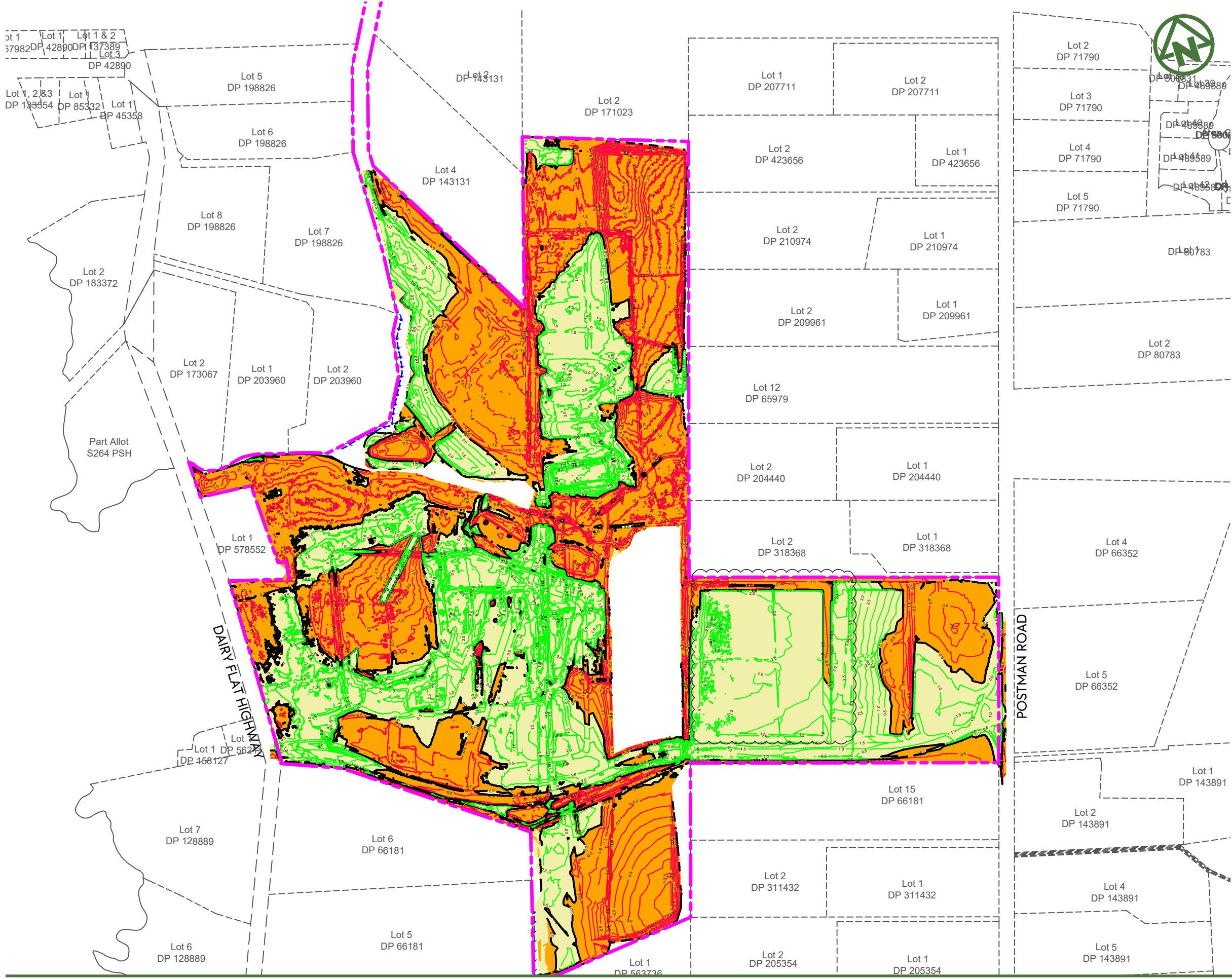
SITE BOUNDARY	
PROPOSED (1.0m) MAJOR CONTOUR	
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EXISTING CONTOURS	
EXISTING CADASTRAL BOUNDARIES	
FUTURE CADASTRAL BOUNDARIES	
NOR	
PROPOSED RETAINING WALL	

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**

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



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



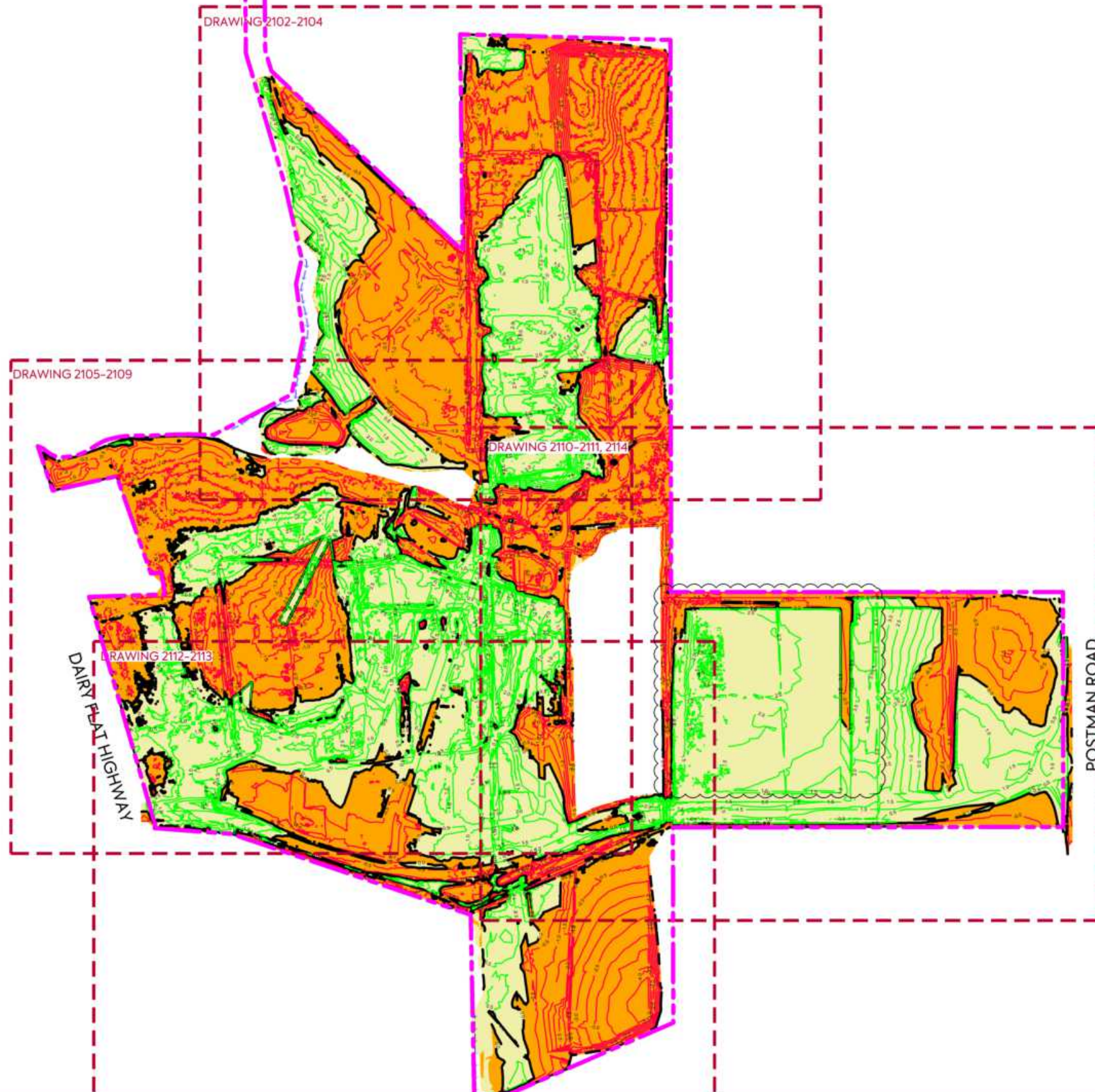
NOTES:

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 TBC**
 VOLUME OF CUT: -275,922 m³
 VOLUME OF FILL: +282,546 m³
 BALANCE: +6,624 m³
 AREA: 504,800m²
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

	<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>																		
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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																	
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DO NOT SCALE		3325-2-2100	C																			



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:
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DO NOT SCALE

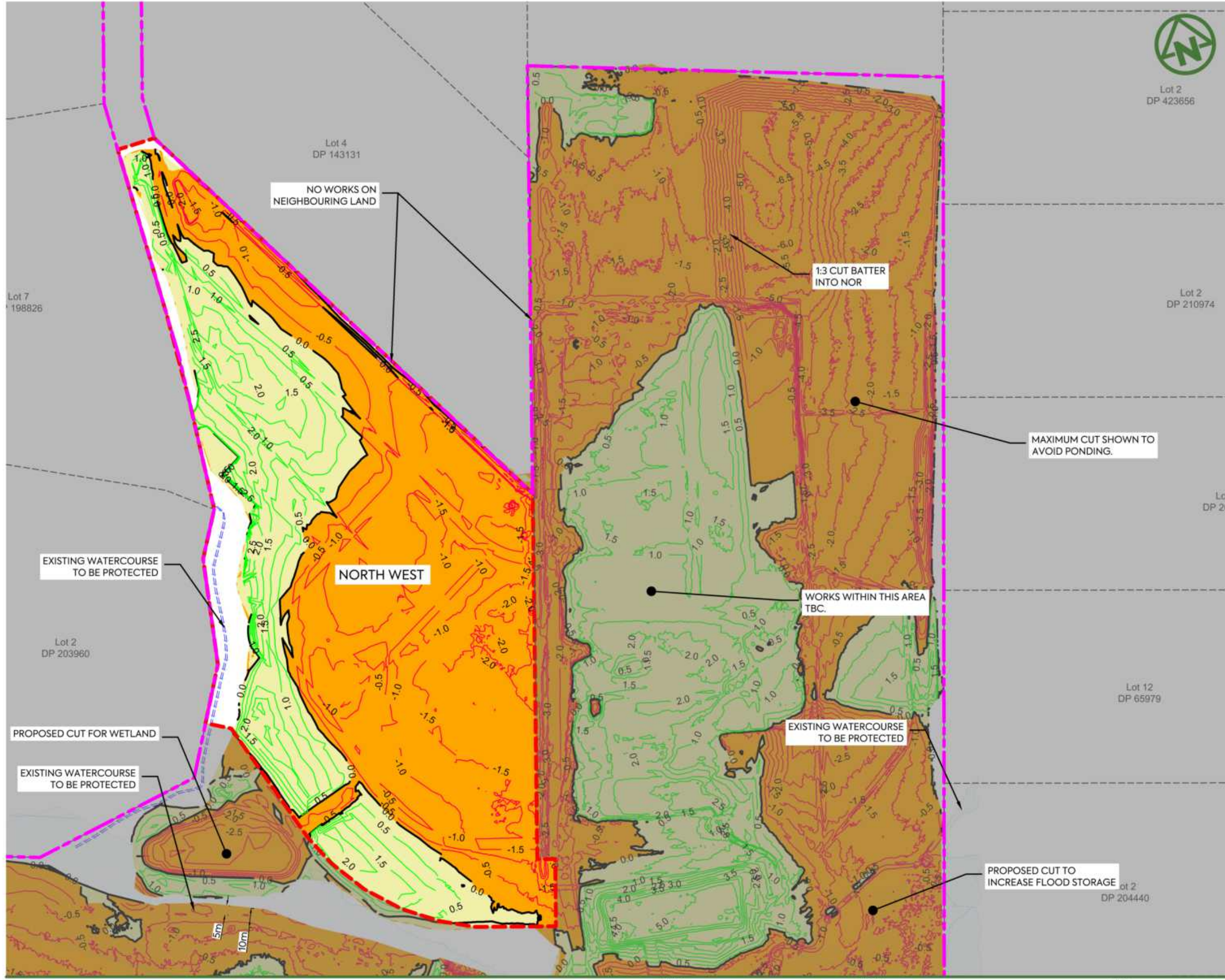
DRAWING NO:
3325-2-2101

REV:
C



MCKENZIE & CO.

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
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



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 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

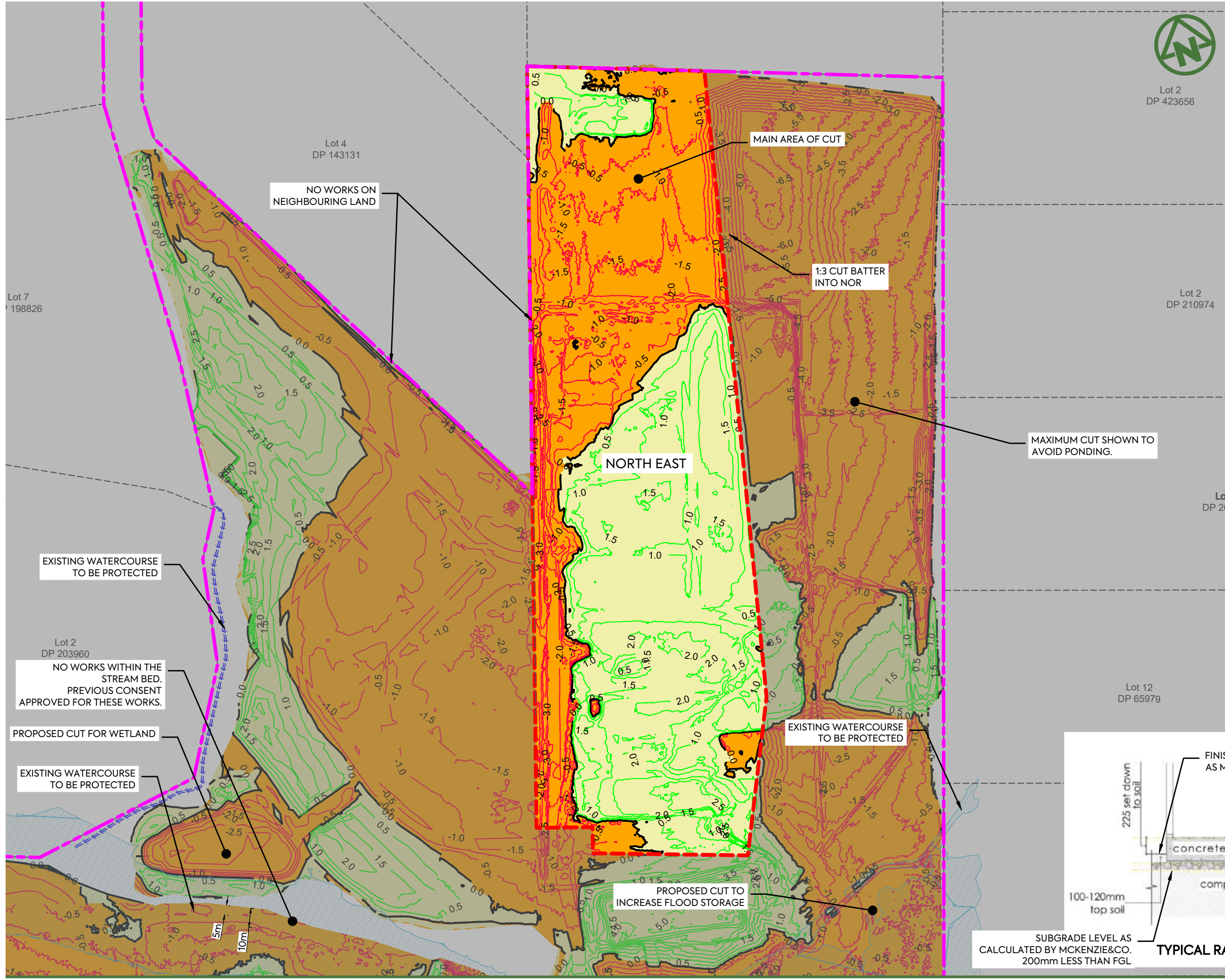
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

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

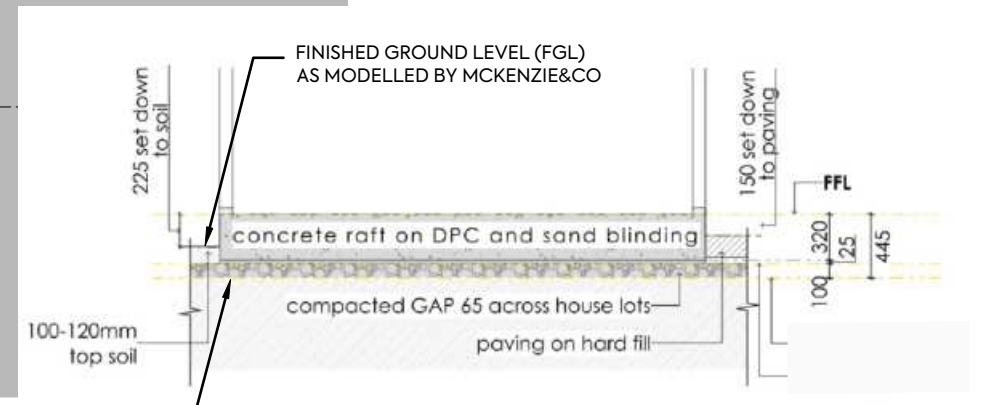


NOTES:

- 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.

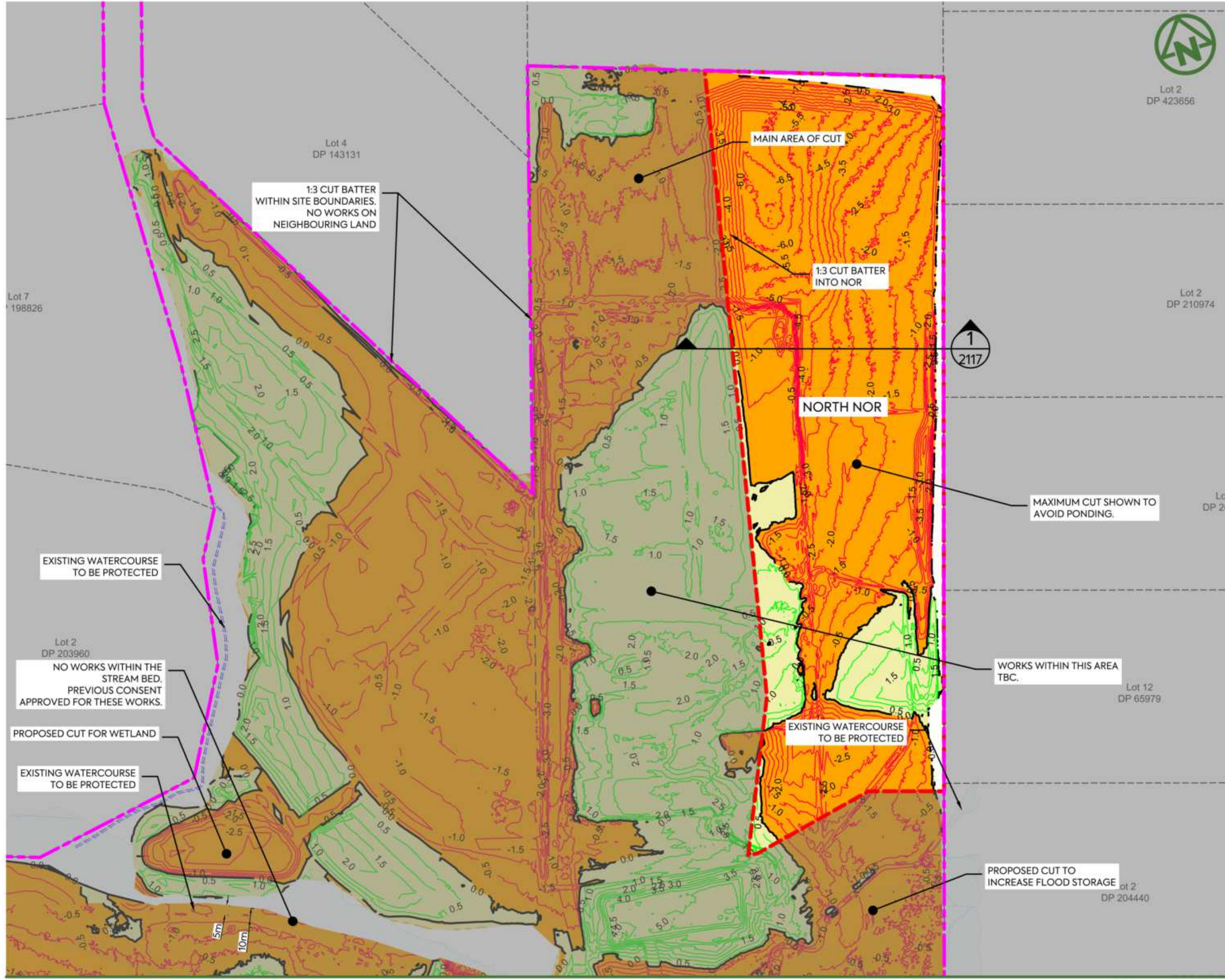
LEGEND:

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

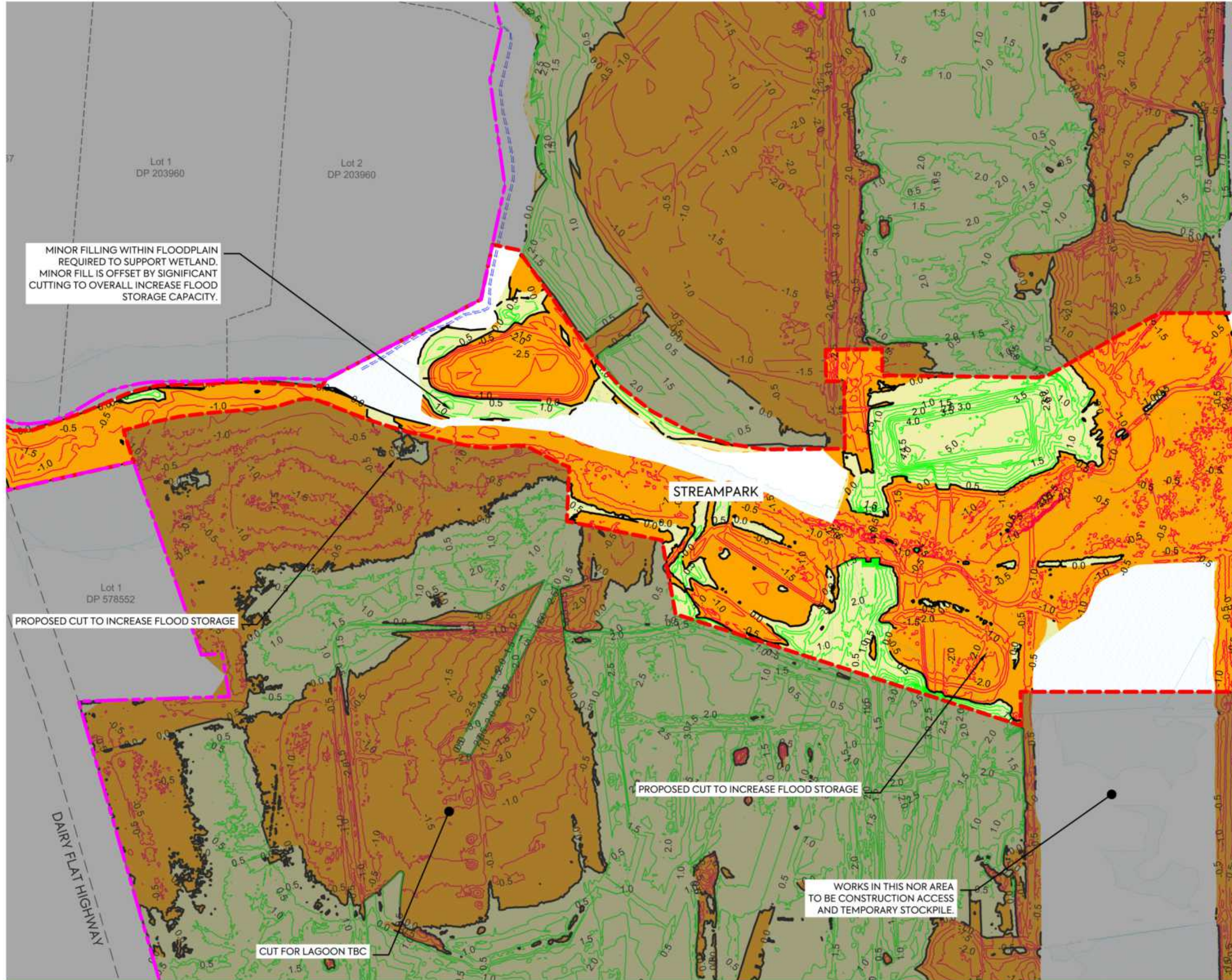
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

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:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

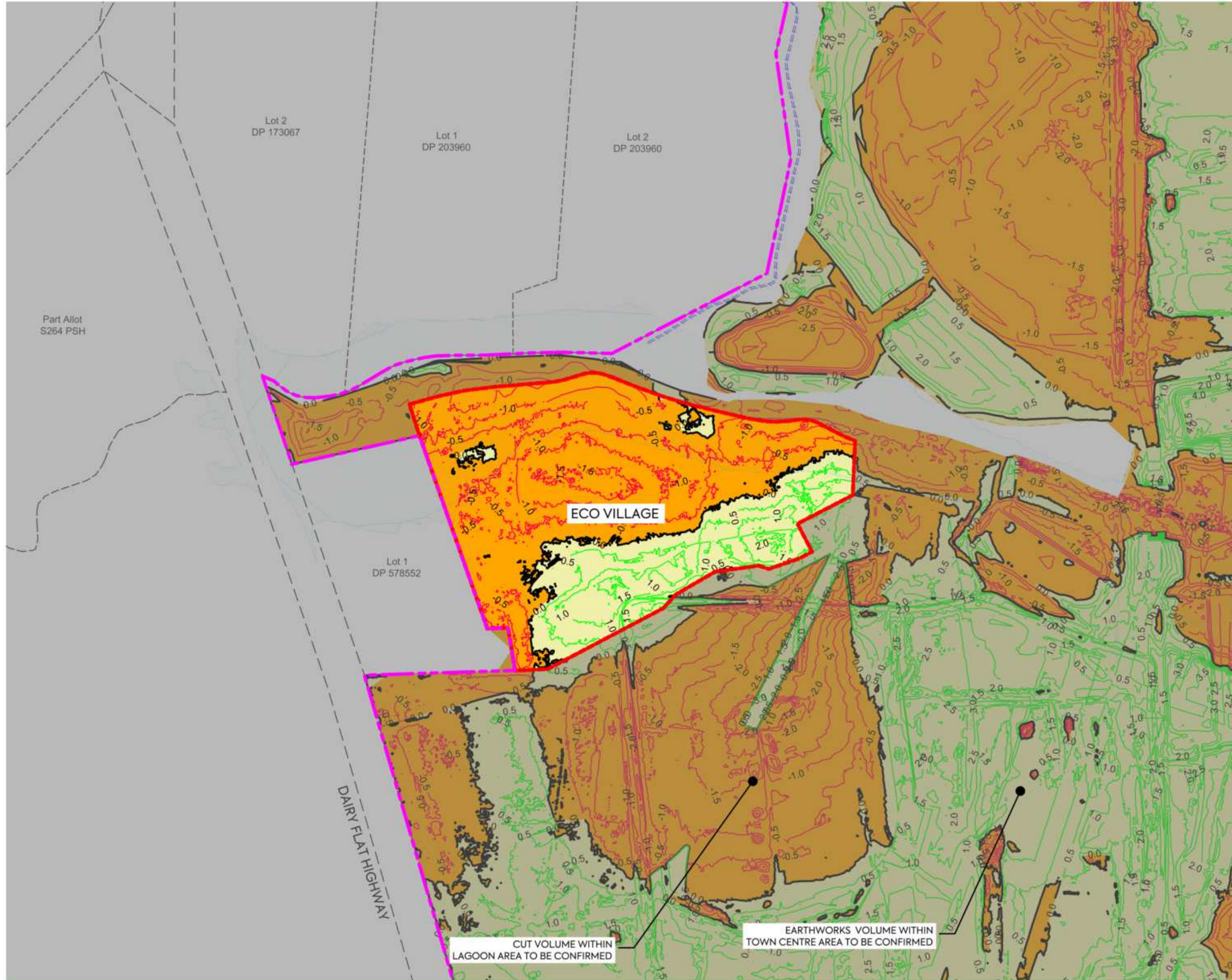
EARTHWORKS
CUT FILL PLAN
SHEET 5

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:2000
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

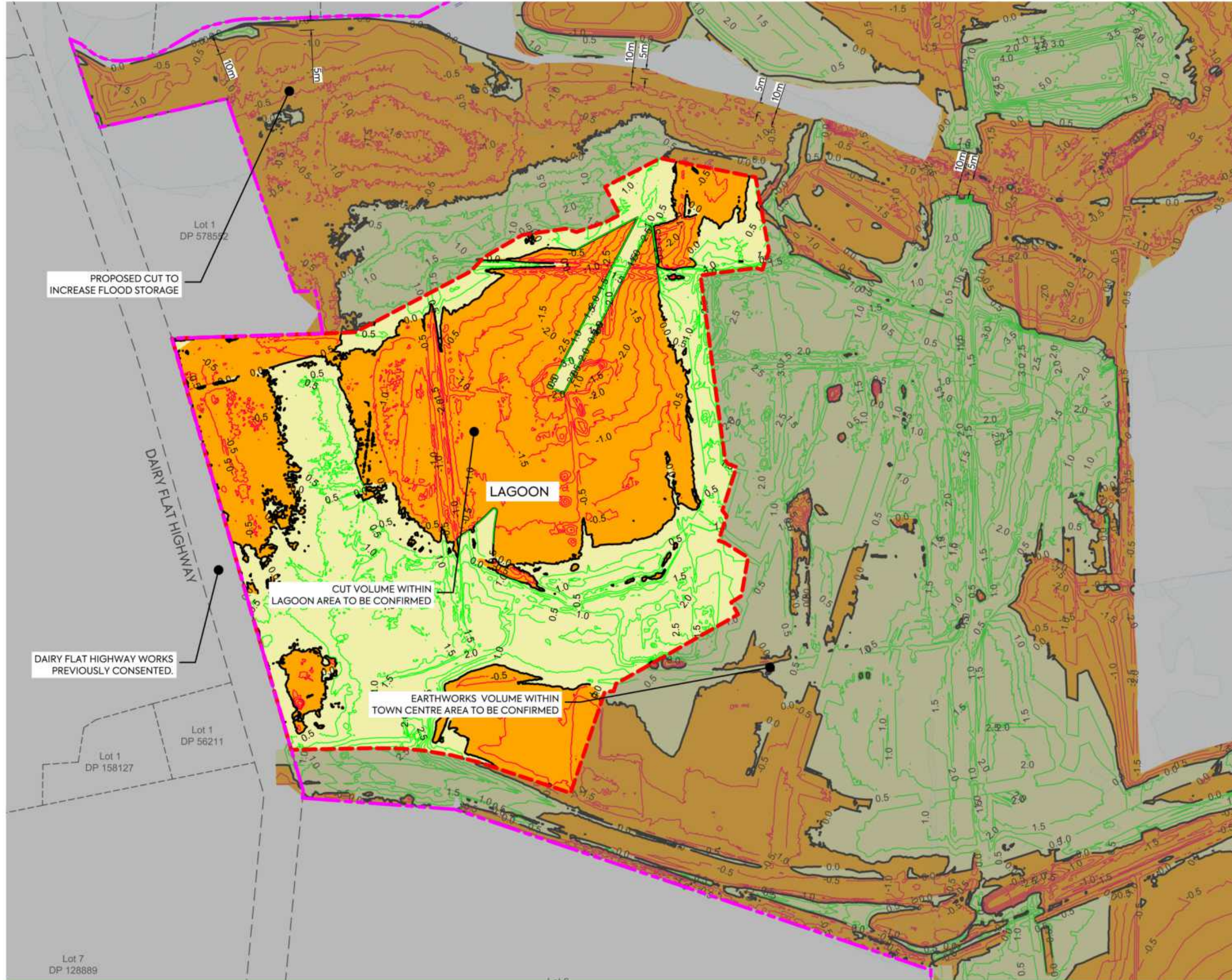
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:2000
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 — — — — —

PROPOSED CUT TO INCREASE FLOOD STORAGE

Lot 1 DP 578592

LAGOON

CUT VOLUME WITHIN LAGOON AREA TO BE CONFIRMED

DAIRY FLAT HIGHWAY WORKS PREVIOUSLY CONSENTED.

DAIRY FLAT HIGHWAY

EARTHWORKS VOLUME WITHIN TOWN CENTRE AREA TO BE CONFIRMED

Lot 1 DP 56211

Lot 1 DP 158127

Lot 7 DP 128889

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. REV:

3325-2-2107 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. 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:
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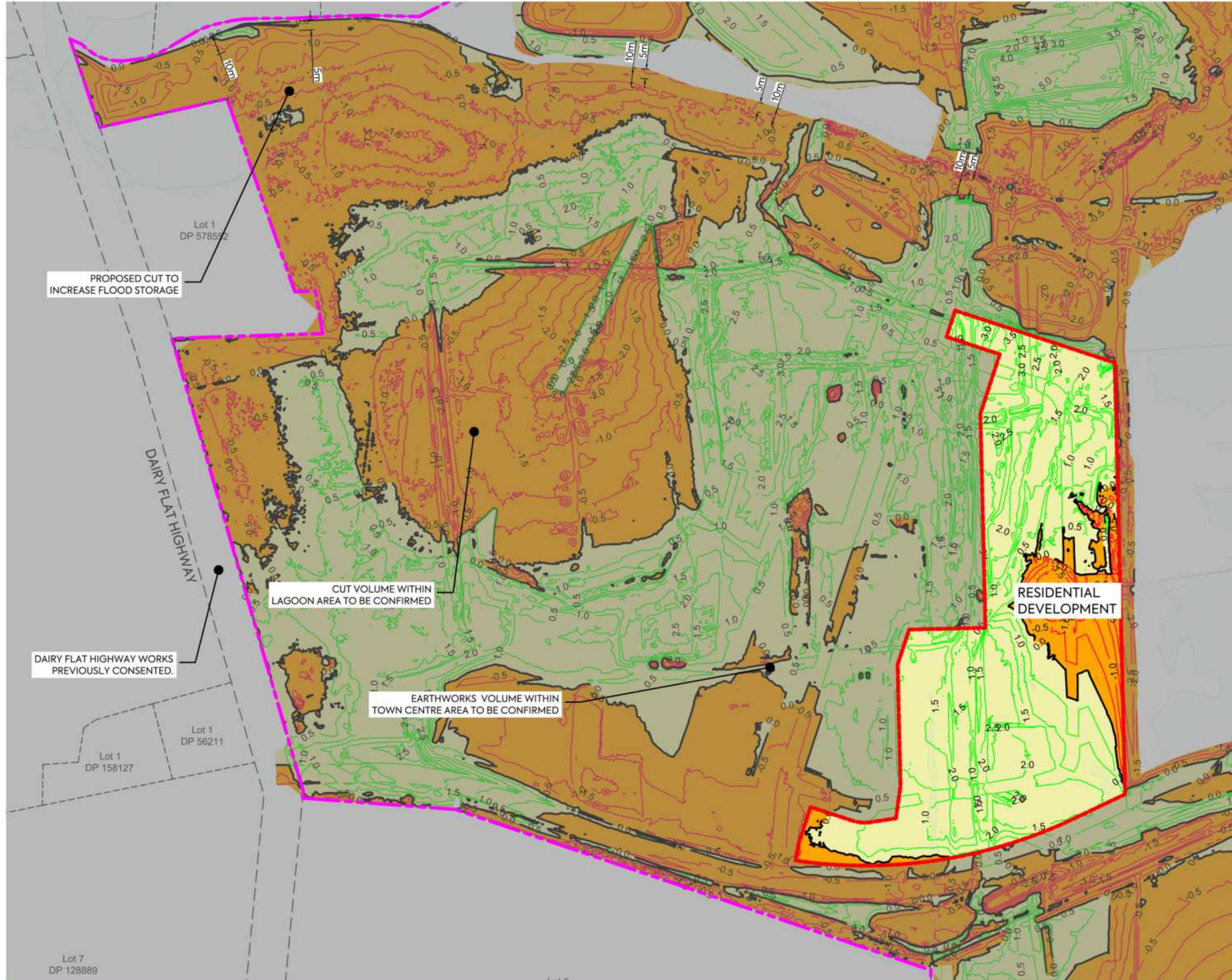
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DRAWING NO:
3325-2-2108

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

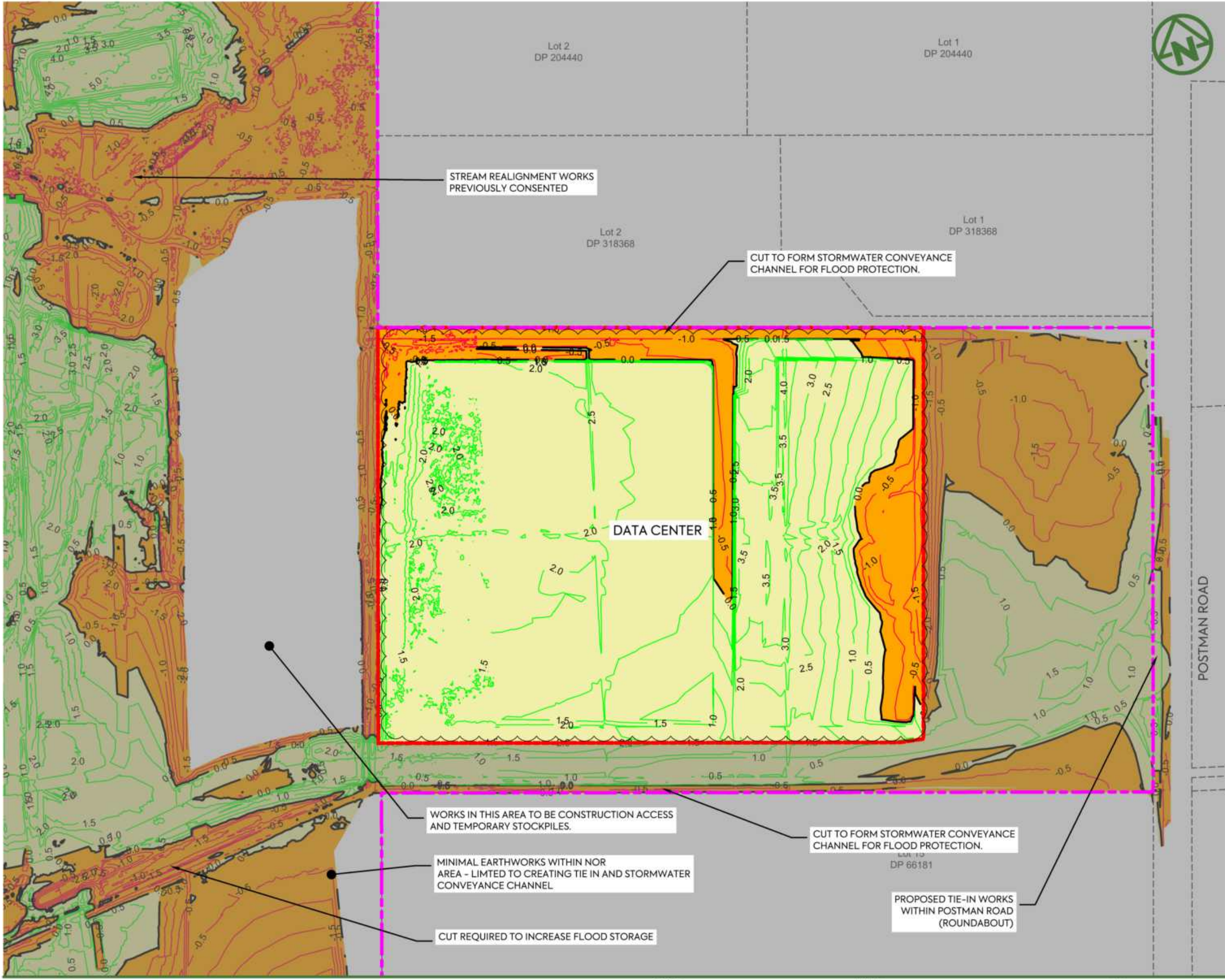
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
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DO NOT SCALE

DRAWING NO.: 3325-2-2109
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. **DATA CENTER EARTHWORK VOLUMES**
 VOLUME OF CUT: - 8,000 m³
 VOLUME OF FILL: + 90,500 m³
 BALANCE: + 82,500 m³
 AREA: 64,100 m²
4. NO COMPACTION, BULKING, TOPSOIL STRIPPING FACTORS HAVE BEEN APPLIED.
5. TOPSOIL STRIPPING DEPTHS TBC AND VOLUMES ARE SUBJECT TO CHANGE.

LEGEND:

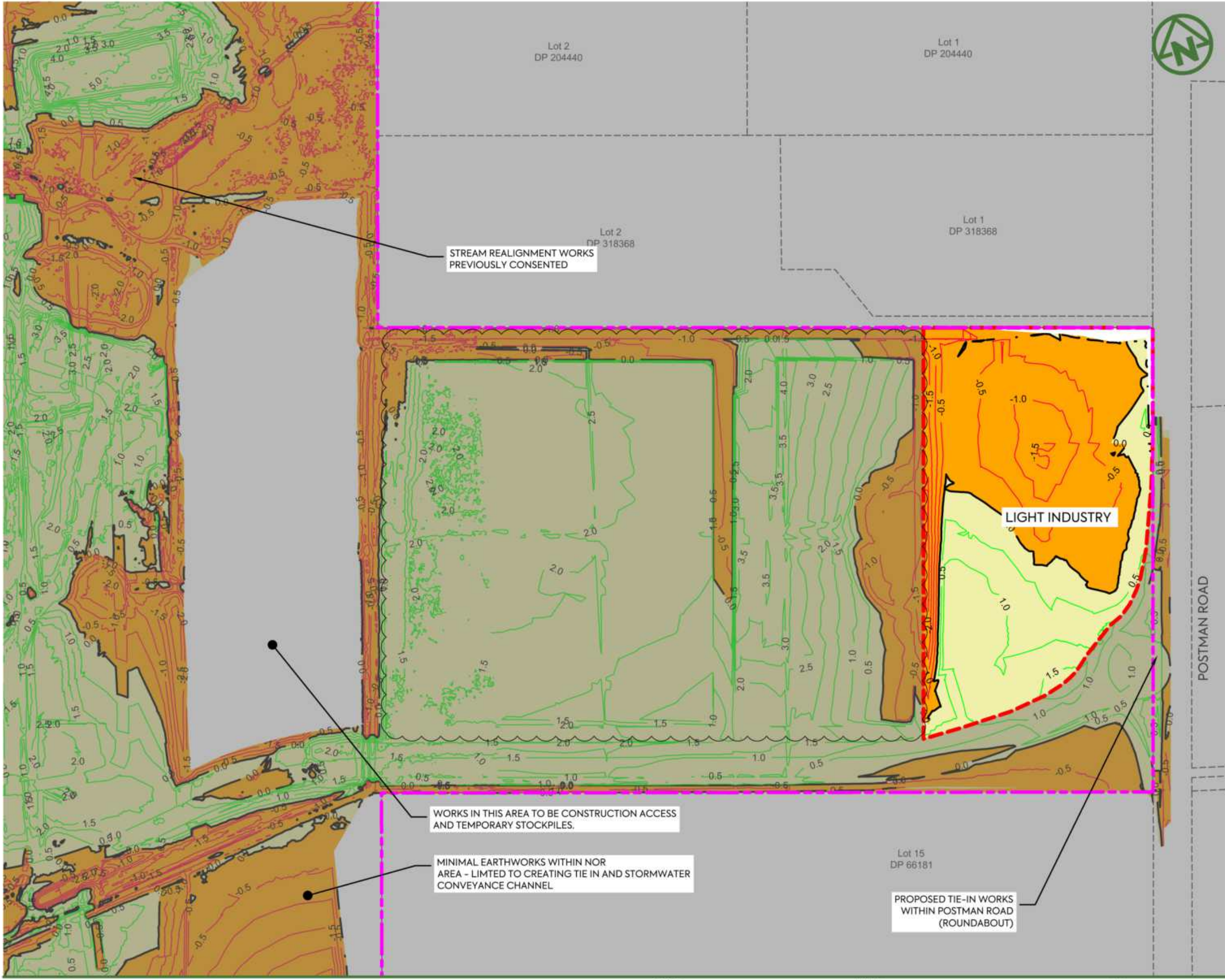
- SITE BOUNDARY
- EARTHWORK STAGE BOUNDARY
- PROPOSED FILL
- PROPOSED CUT
- PROPOSED FILL (MAJOR CONTOUR)
- PROPOSED CUT (MAJOR CONTOUR)
- CUT/FILL (ZERO CONTOUR)
- CADASTRAL BOUNDARY
- 100yr ARI FLOOD PLAIN

CLIENT: **AW HOLDINGS 2021 LIMITED** PROJECT: **AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND** TITLE: **EARTHWORKS CUT FILL PLAN SHEET 10** PURPOSE OF ISSUE: **FOR RESOURCE CONSENT**

SCALE: **1:2000**
 DO NOT SCALE
 DRAWING NO: **3325-2-2110** REV: **B**

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
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:

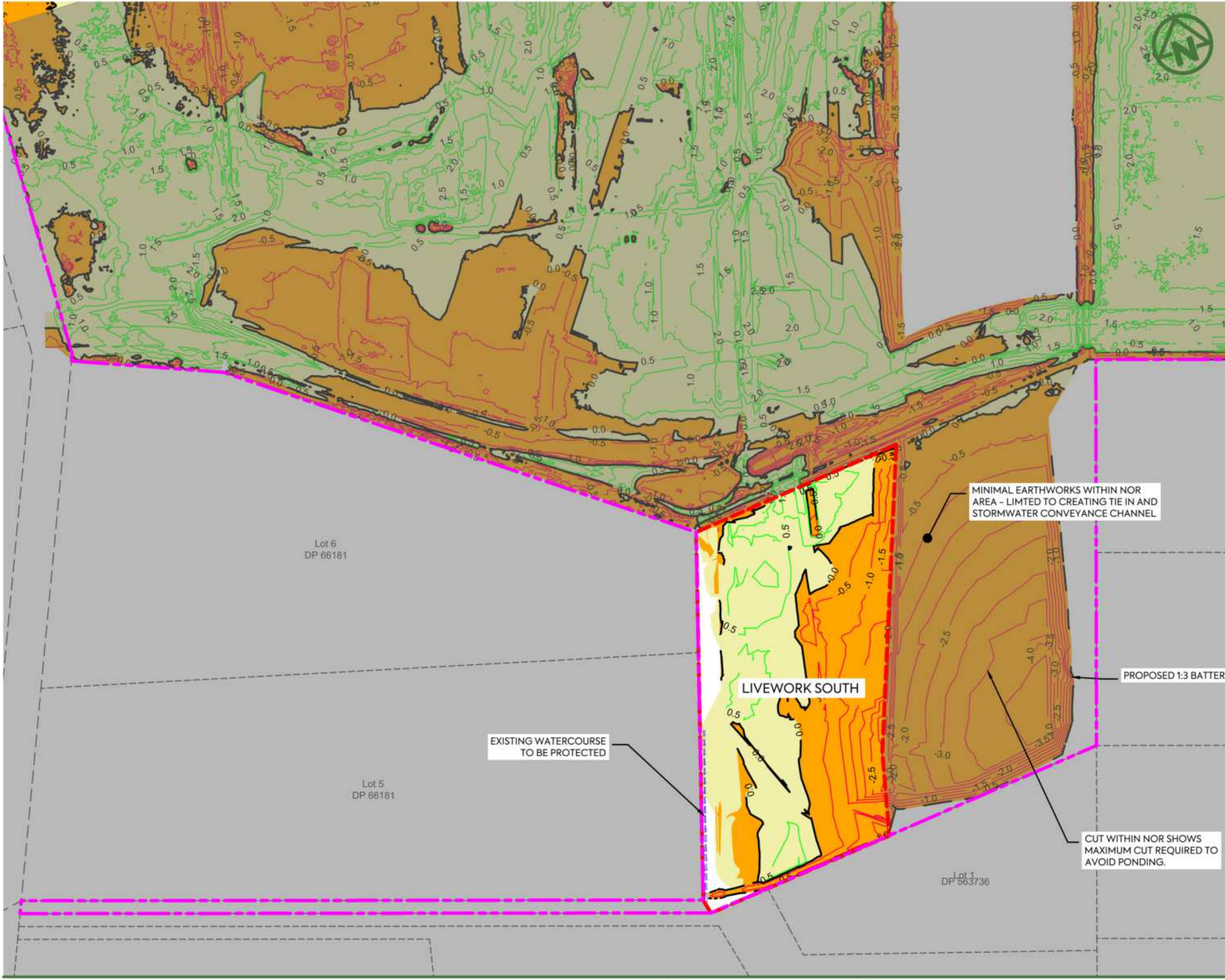
- SITE BOUNDARY
- EARTHWORK STAGE BOUNDARY
- PROPOSED FILL
- PROPOSED CUT
- PROPOSED FILL (MAJOR CONTOUR)
- PROPOSED CUT (MAJOR CONTOUR)
- CUT/FILL (ZERO CONTOUR)
- CADASTRAL BOUNDARY
- 100yr ARI FLOOD PLAIN

CLIENT: **AW HOLDINGS 2021 LIMITED** PROJECT: **AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND** TITLE: **EARTHWORKS CUT FILL PLAN SHEET 11** PURPOSE OF ISSUE: **FOR RESOURCE CONSENT**



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
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: **B**



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



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. 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

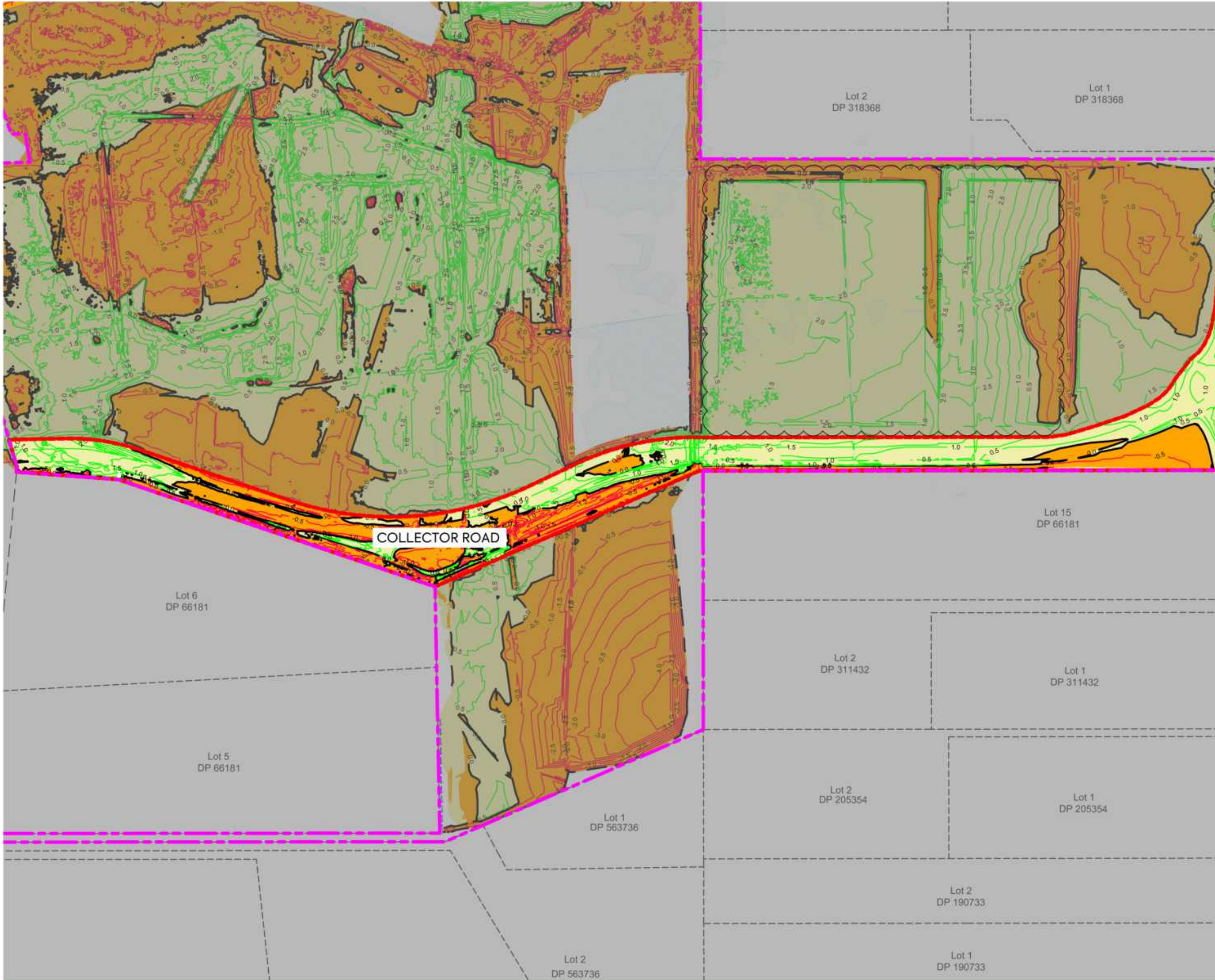
PURPOSE OF ISSUE: FOR RESOURCE CONSENT

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



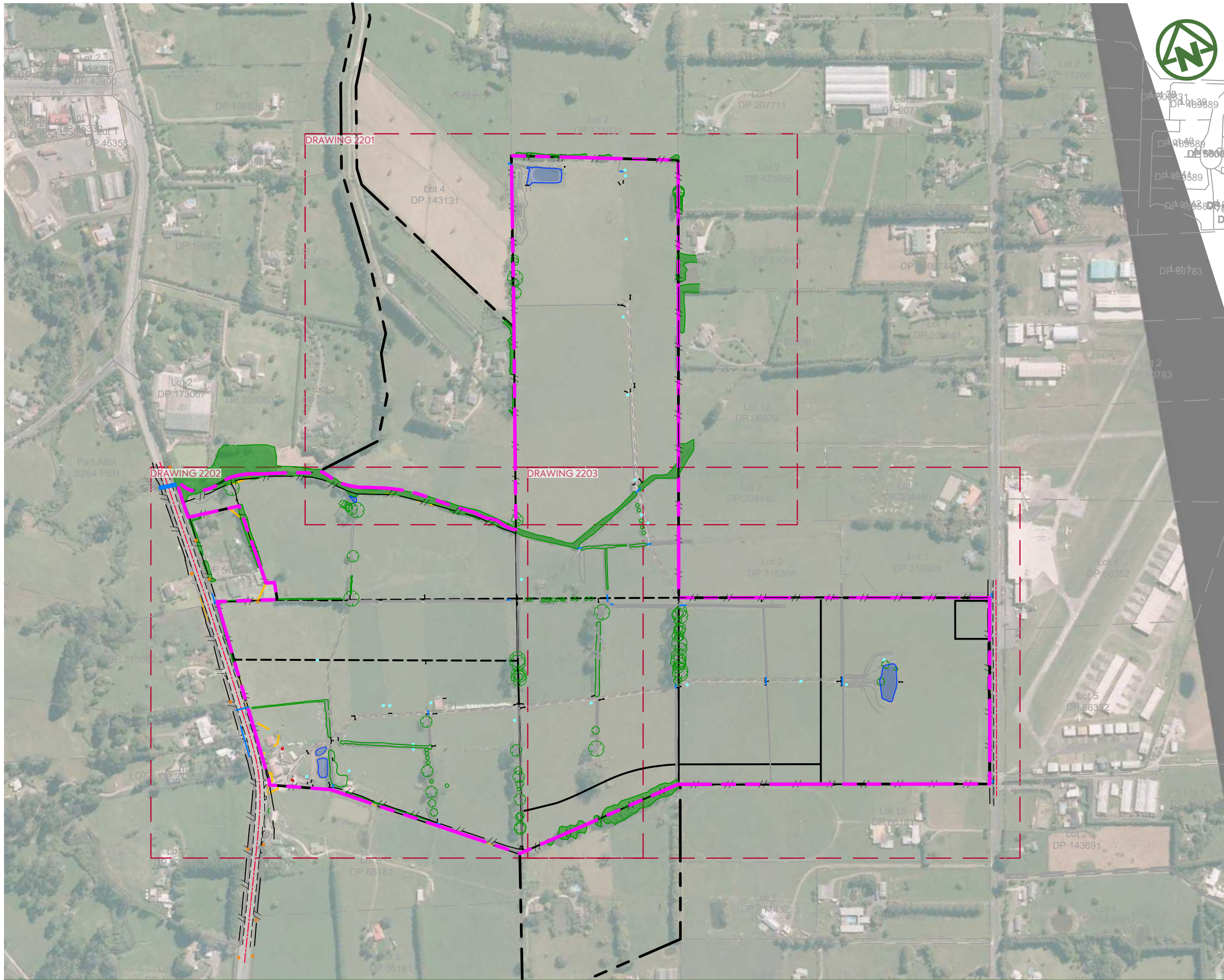
NOTES:

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
B DATA CENTRE RE-DESIGN A FIRST ISSUE REV DESCRIPTION	DK SL - 08/12/25 AL SL SL 07/11/25 DRN BY CHK BY APP BY DATE				SCALE: 1:3000 DO NOT SCALE DRAWING NO: 3325-2-2114 REV: B
PLOT DATE: 2026-01-13 14:51:49 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.					



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
OVERALL PLAN

PURPOSE OF ISSUE:

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 [Green Area]
- EXISTING VEGETATION TO BE REMOVED [Green Area with Diagonal Lines]
- CONSTRUCTED POND TO BE REMOVED [Blue Area]
- EXISTING VEGETATION TREE [Green Tree Symbol]
- EXISTING VEGETATION TREE TO BE REMOVED [Red Tree Symbol]
- EXISTING BUILDING TO BE REMOVED [Brown Building Symbol]
- EXISTING CULVERT [Blue Line]
- EXISTING TROUGH TO BE REMOVED [Blue Circle]
- EXISTING POWERPOLE [Orange Circle]

CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

SITE CLEARING PLAN
SHEET 1

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

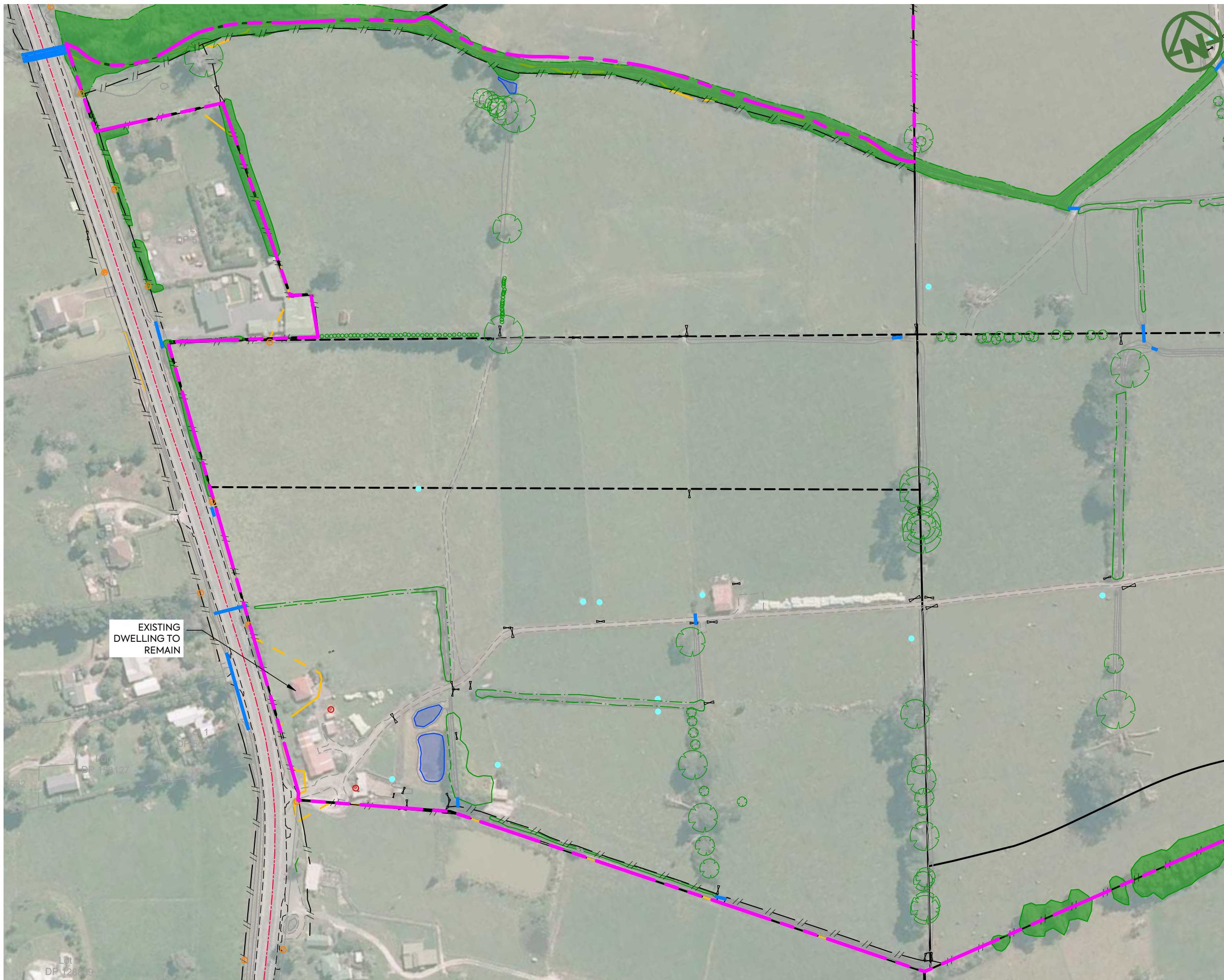
SCALE:
1:2000
DO NOT SCALE

DRAWING NO:
3325-2-2201

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 Ⓟ

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

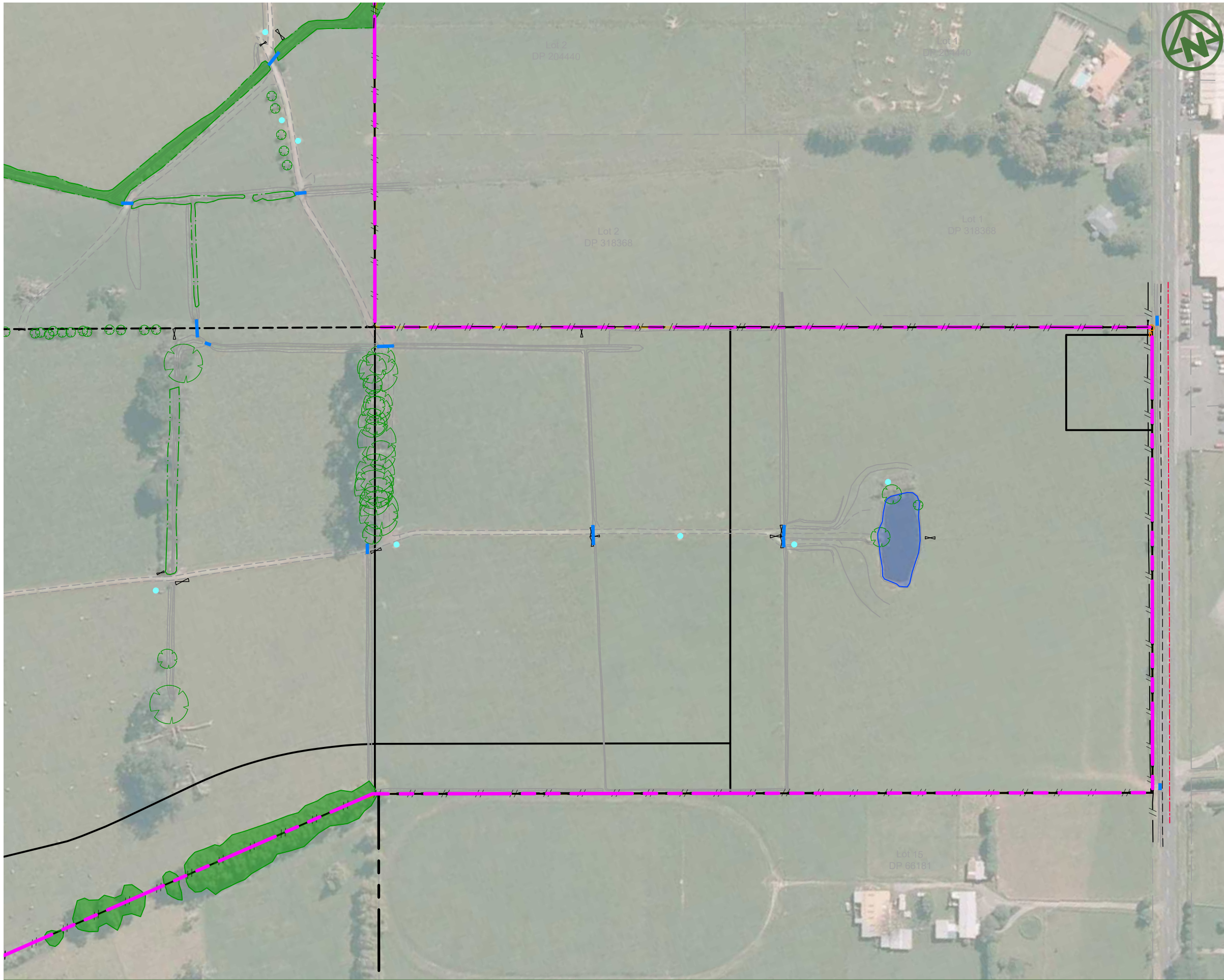
SCALE:
1:2000
DO NOT SCALE

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:

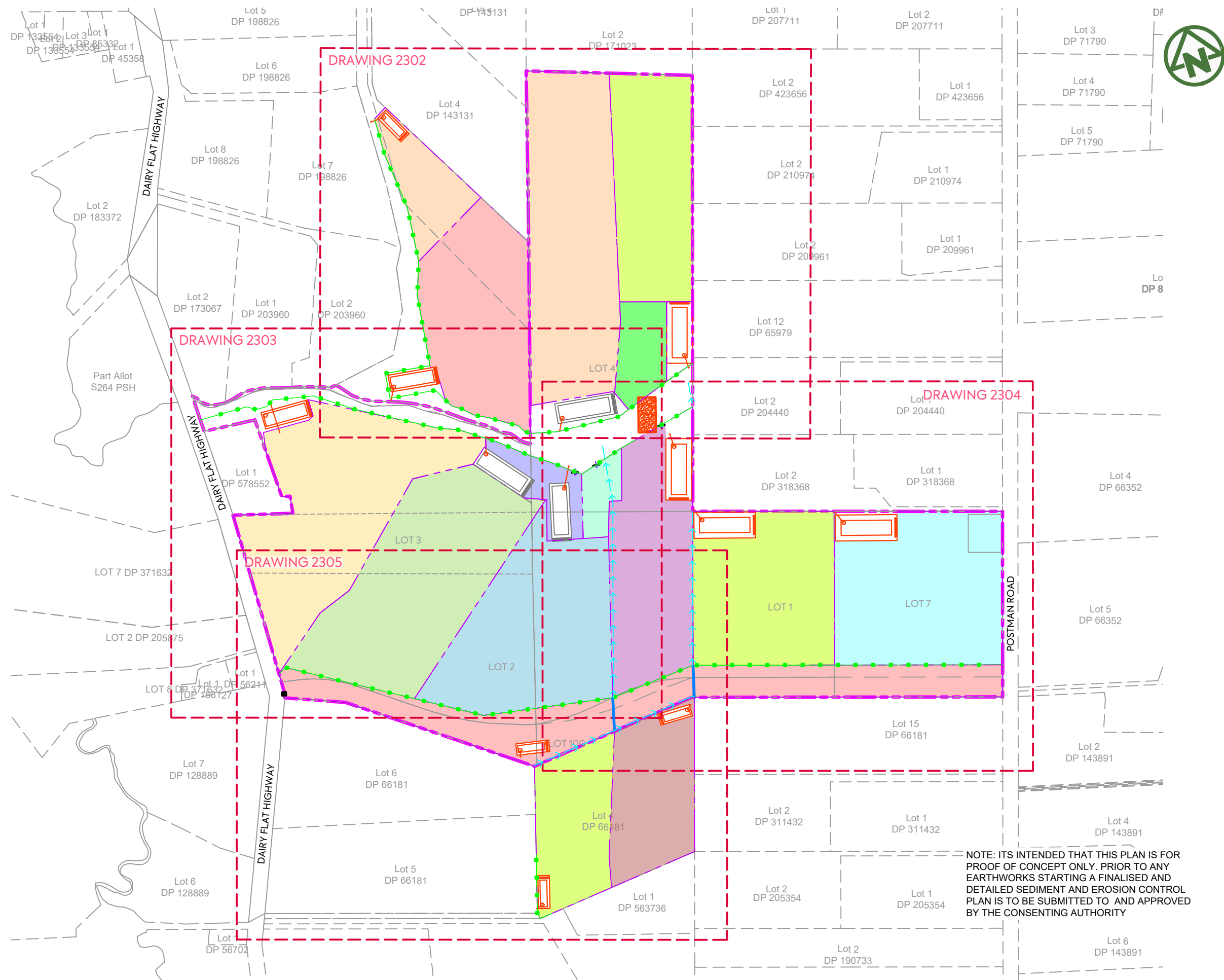
- LEVELS ARE IN TERMS OF AUCKLAND VERTICAL DATUM 1946 (MSL).
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR LAND DISTURBING ACTIVITIES, AUCKLAND COUNCIL GD005.
- ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE OPERATIONAL PRIOR TO ANY OTHER 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 (INCLUDING OF SUB-CONTRACTORS) SHALL BE FAMILIAR WITH THE PLANS REQUIREMENTS.
- 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.
- THE MAIN SILT CONTROL MEASURES FOR THIS SITE ARE:
 - REMOVAL OF SEDIMENT FROM SILT LADEN WATERS USING SUPER SILT FENCES AS SHOWN;
 - 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;
 - NEW CESSPITS MUST BE PROTECTED TO PREVENT SILT LADEN RUNOFF ENTERING THE NEW STORMWATER LINES; AND MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES AS REQUIRED.
- 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
			SCALE: 1:5000 @ A3
REV DESCRIPTION DRN BY CHK BY APP BY DATE			DRAWING NO: REV:
B DRAWING UPDATES NS SL SL 13/01/26 A FIRST ISSUE SL SL SL 07/11/25			3325-2-2301 B



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

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 VIEWS	PURPOSE OF ISSUE: FOR RESOURCE CONSENT
B DRAWING UPDATES A FIRST ISSUE	NS SL SL 13/01/26 SL SL SL 17/11/25			
REV DESCRIPTION DRN BY CHK BY APP BY DATE				
PLT DATE 2026-01-13 15:11:47 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	DRAWING NO: 3325-2-2301		REV: B	



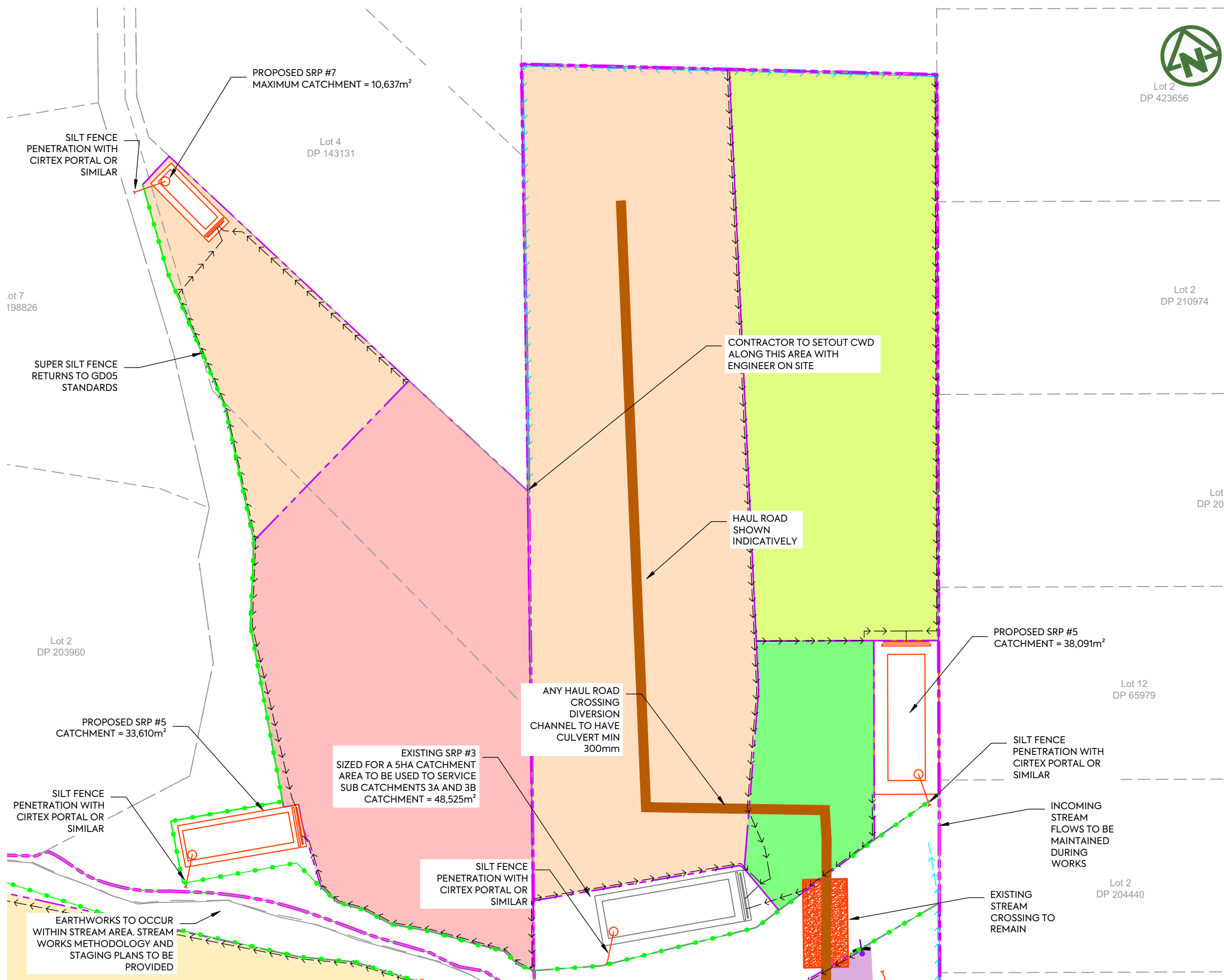
Lot 2
DP 423656

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



PROPOSED SRP #7
MAXIMUM CATCHMENT = 10,637m²

.ot 7
198826

SUPER SILT FENCE
RETURNS TO GD05
STANDARDS

Lot 2
DP 203960

PROPOSED SRP #5
CATCHMENT = 33,610m²

SILT FENCE
PENETRATION WITH
CIRTEX PORTAL OR
SIMILAR

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

Lot 4
DP 143131

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

Lot 12
DP 65979

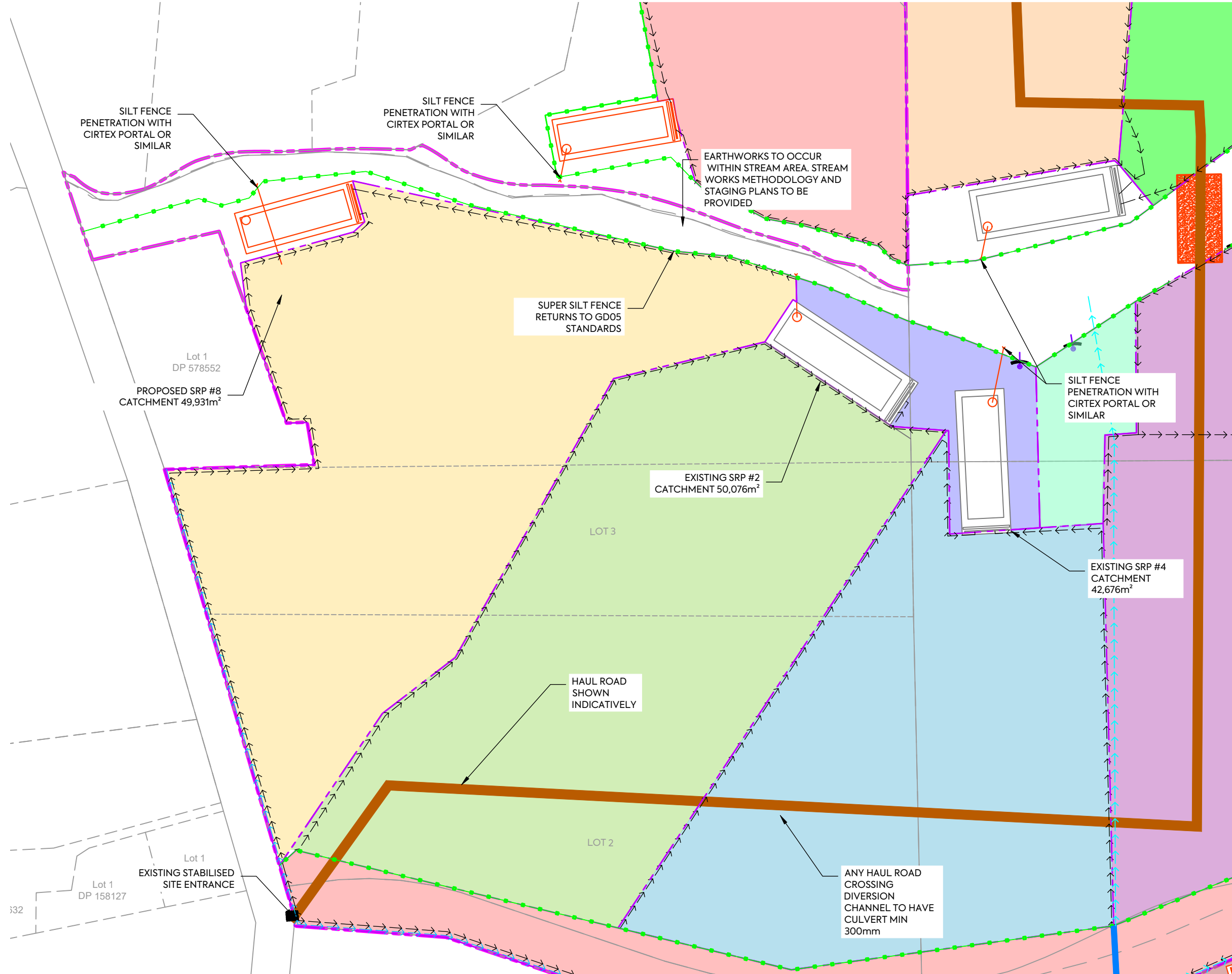
Lot 2
DP 204440

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 1	PURPOSE OF ISSUE: FOR RESOURCE CONSENT
SCALE: 1:2000 @ A3			REV: A
DRAWING NO: 3325-2-2302			



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



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

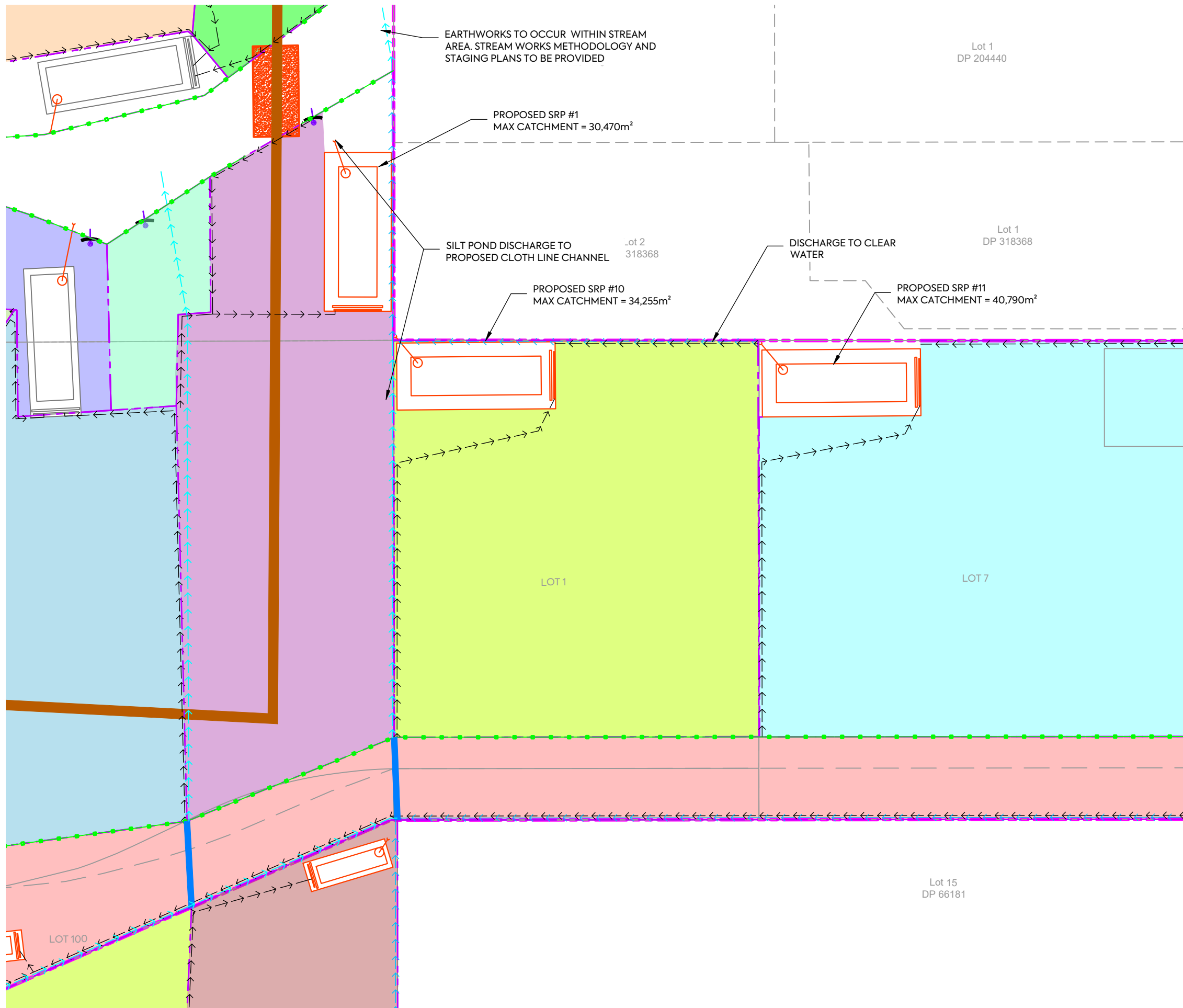
SCALE: L

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

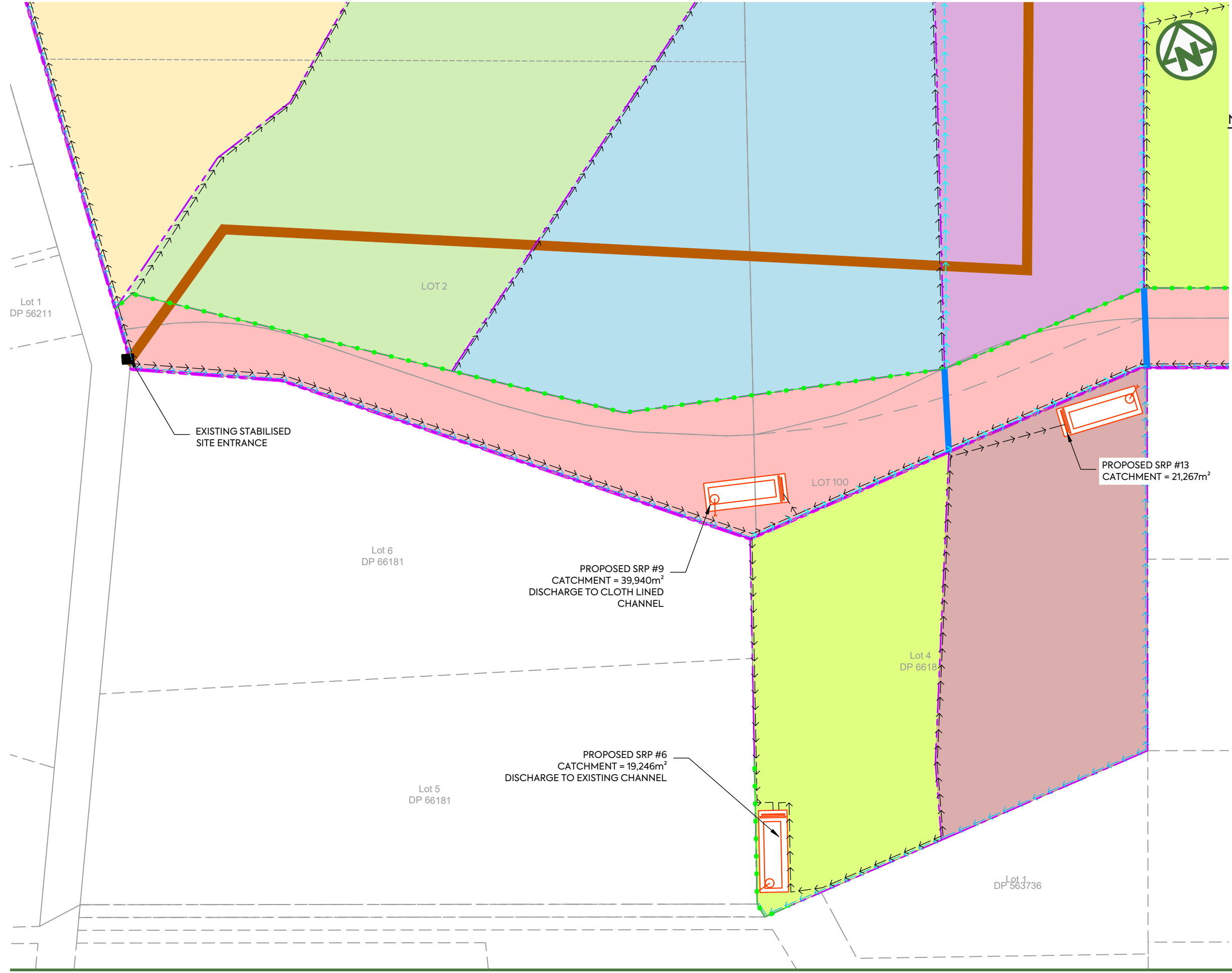
NOTE: ITS INTENDED THAT THIS PLAN IS FOR PROOF OF CONCEPT ONLY. PRIOR TO ANY EARTHWORKS STARTING A FINALISED AND DETAILED SEDIMENT AND EROSION CONTROL PLAN IS TO BE SUBMITTED TO AND APPROVED BY THE CONSENTING AUTHORITY

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:
 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 (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.
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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.

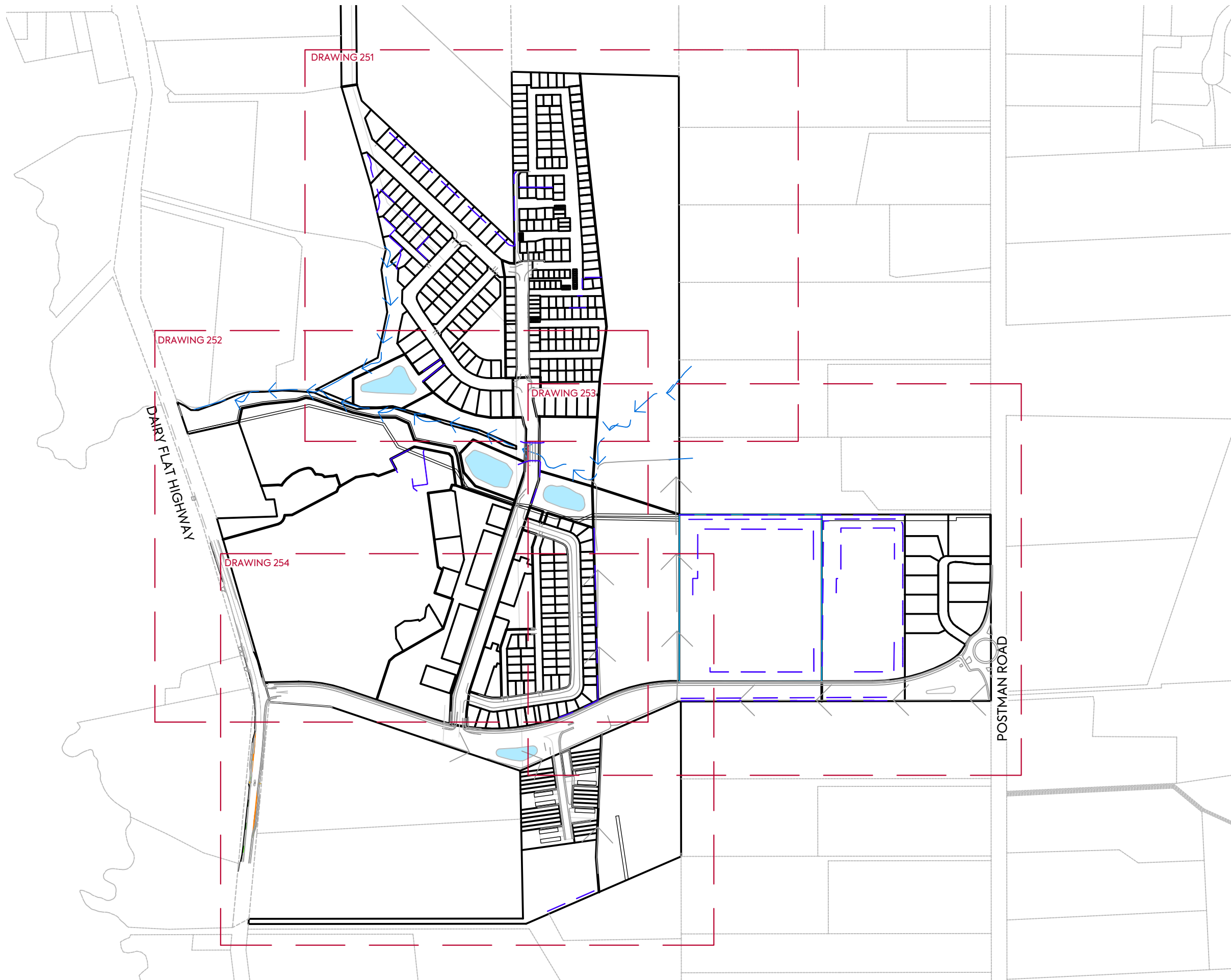
LEGEND:

SITE BOUNDARY (EXTENT OF EARTHWORKS)	
PROPOSED (1.0m) MAJOR CONTOUR	
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	
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 DRAFT ONLY
			SCALE: 1:5000 DO NOT SCALE
			DRAWING NO.: 3325-2-2505
			REV: A



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



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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	

<p>CLIENT: AW HOLDINGS 2021 LIMITED</p>	<p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: EARTHWORKS PROPOSED RETAINING WALL KEY PLAN</p>	<p>PURPOSE OF ISSUE: FOR DRAFT ONLY</p> <p>SCALE: 1:5000</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 3325-2-2505</p> <p>REV: A</p>
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LEGEND:

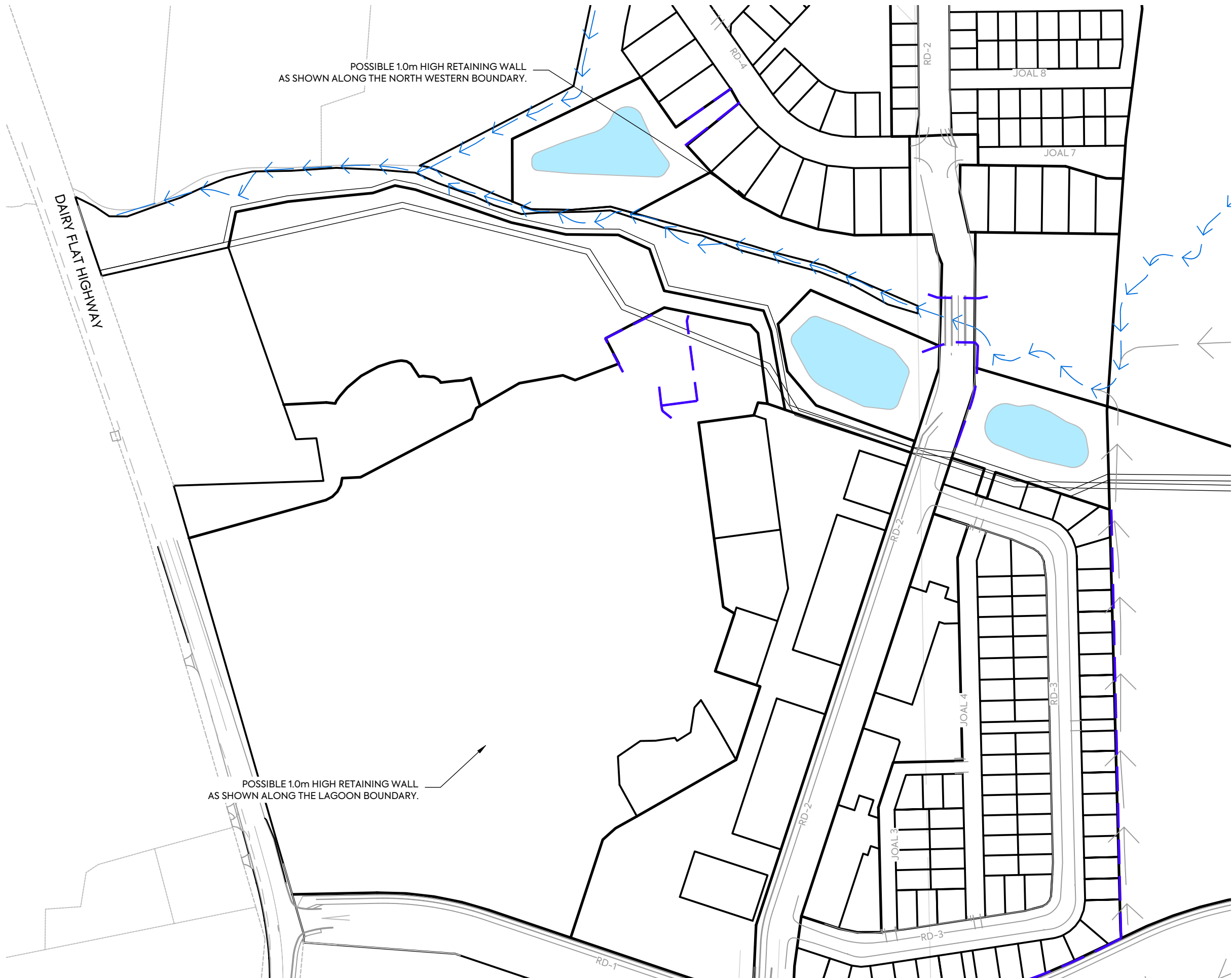
SITE BOUNDARY (EXTENT OF EARTHWORKS)	
PROPOSED (1.0m) MAJOR CONTOUR	60.0
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	62.0
CADASTRAL BOUNDARY	
PROPOSED RETAINING WALL	

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: EARTHWORKS PROPOSED RETAINING WALL SHEET 1 PURPOSE OF ISSUE: FOR DRAFT ONLY



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

SCALE: 1:2000
DO NOT SCALE
DRAWING NO: 3325-2-2505 REV: A

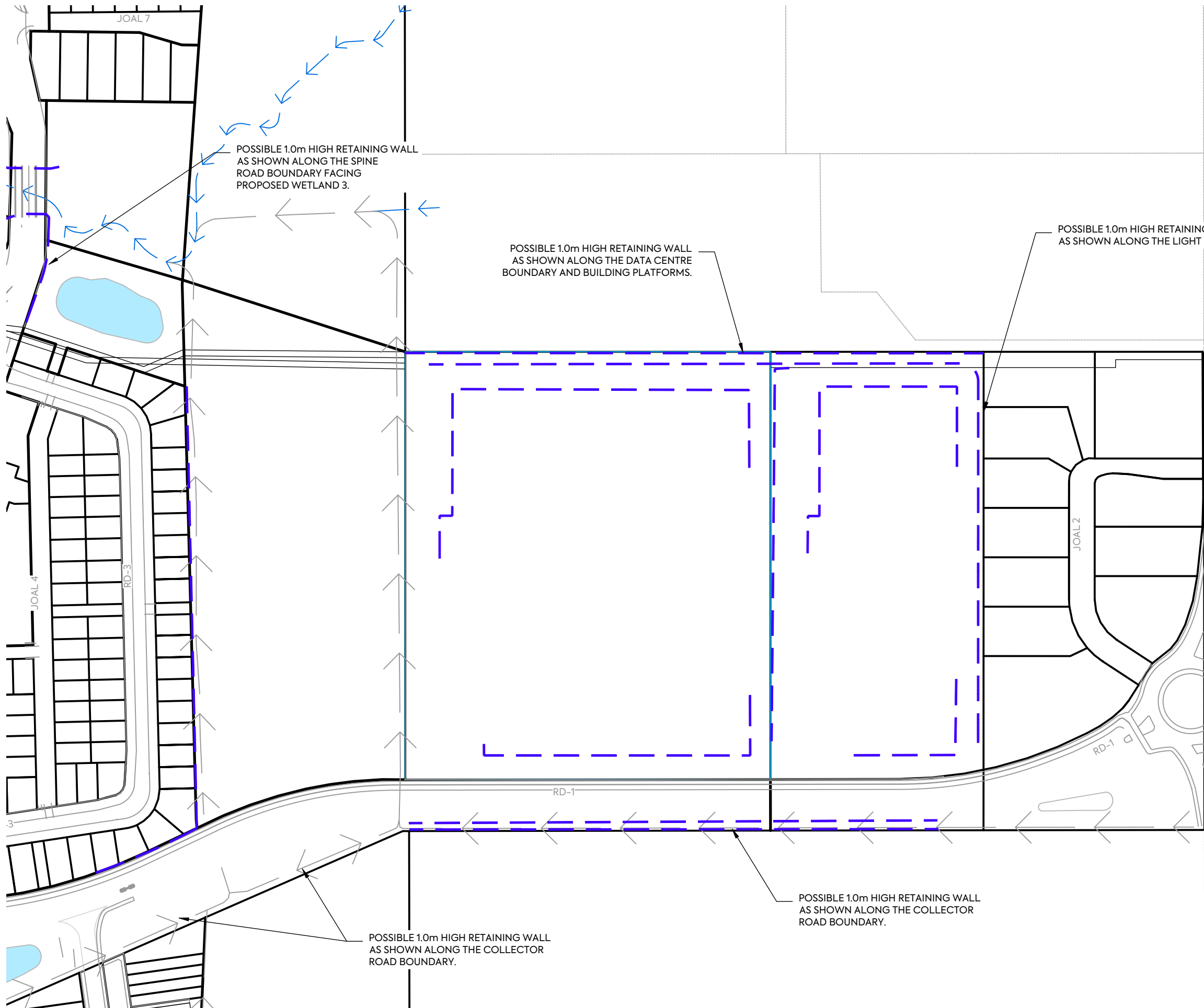


- NOTES:**
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LEGEND:

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	

	<p>CLIENT: AW HOLDINGS 2021 LIMITED</p>	<p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: EARTHWORKS PROPOSED RETAINING WALL SHEET 2</p>	<p>PURPOSE OF ISSUE: FOR DRAFT ONLY</p>
<p>SCALE: 1:2000 DO NOT SCALE</p>				
<p>DRAWING NO: 3325-2-2505</p>		<p>REV: A</p>		



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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 DRAFT ONLY
			SCALE: 1:2000 DO NOT SCALE
			DRAWING NO.: 3325-2-2505
			REV: A

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



POSSIBLE 1.0m HIGH RETAINING WALL AS SHOWN ALONG THE LAGOON BOUNDARY.

POSSIBLE 1.0m HIGH RETAINING WALL AS SHOWN ALONG THE COLLECTOR ROAD BOUNDARY.

NOTES:

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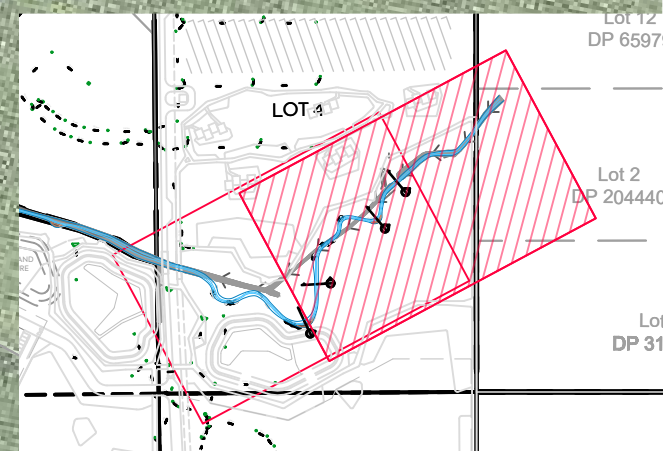
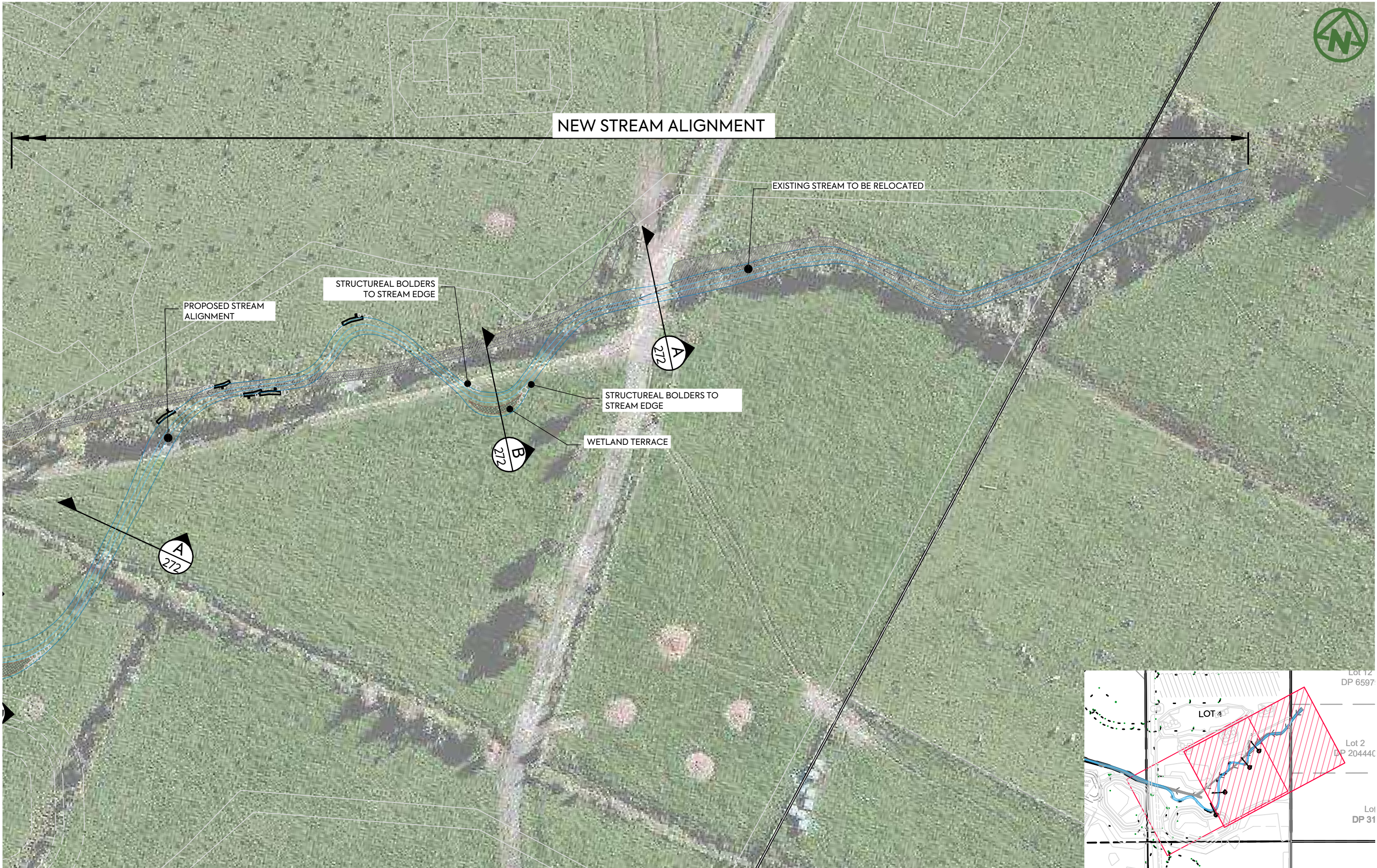
LEGEND:

SITE BOUNDARY (EXTENT OF EARTHWORKS)	
PROPOSED (1.0m) MAJOR CONTOUR	
PROPOSED (0.2m) MINOR CONTOUR	
EXISTING CONTOURS	
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 4 PURPOSE OF ISSUE: FOR DRAFT ONLY SCALE: 1:2000 DO NOT SCALE DRAWING NO: 3325-2-2505 REV: A

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



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

SCALE:
1:500

DO NOT SCALE

DRAWING NO:

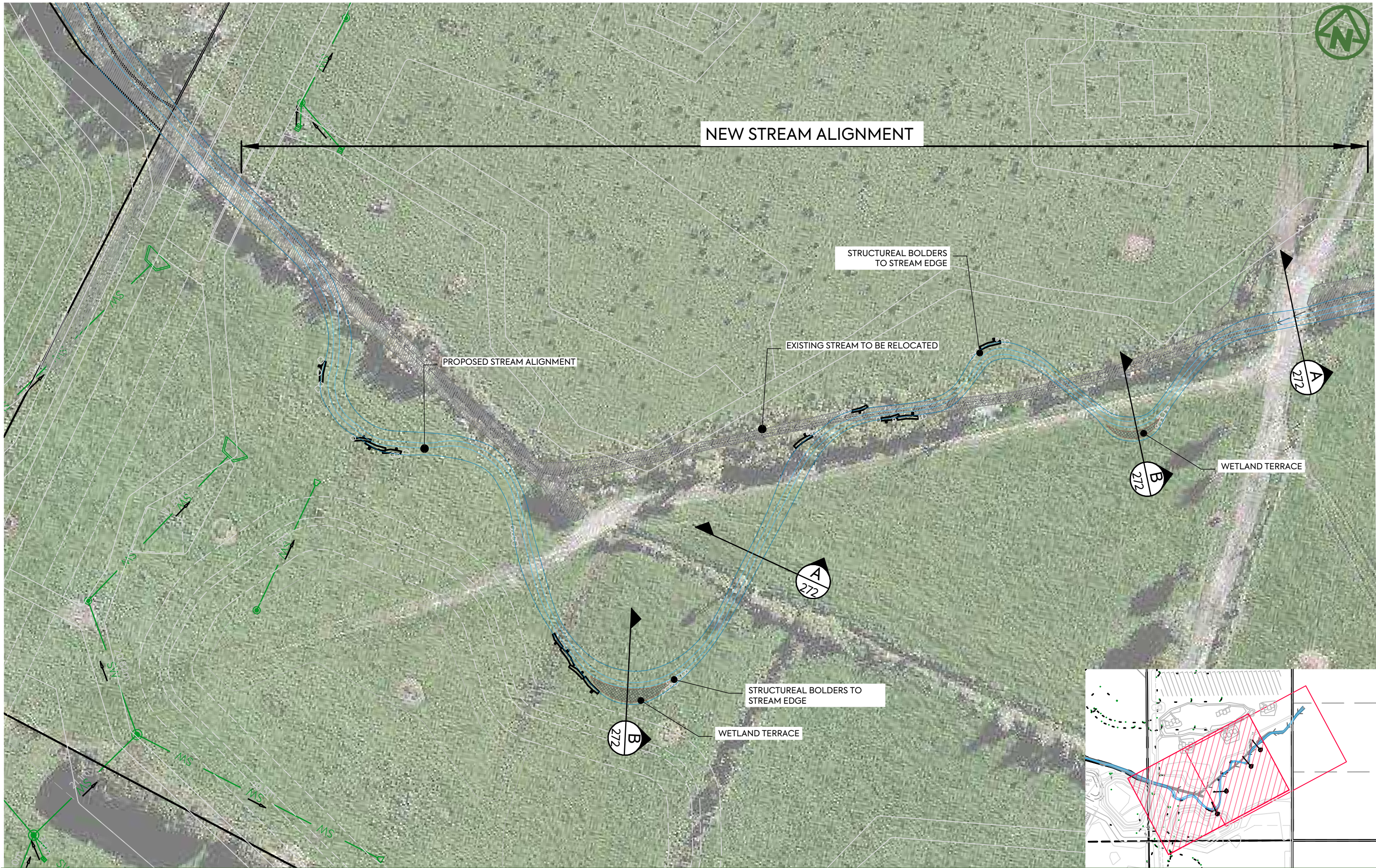
3325-2-2700

REV:

A



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



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

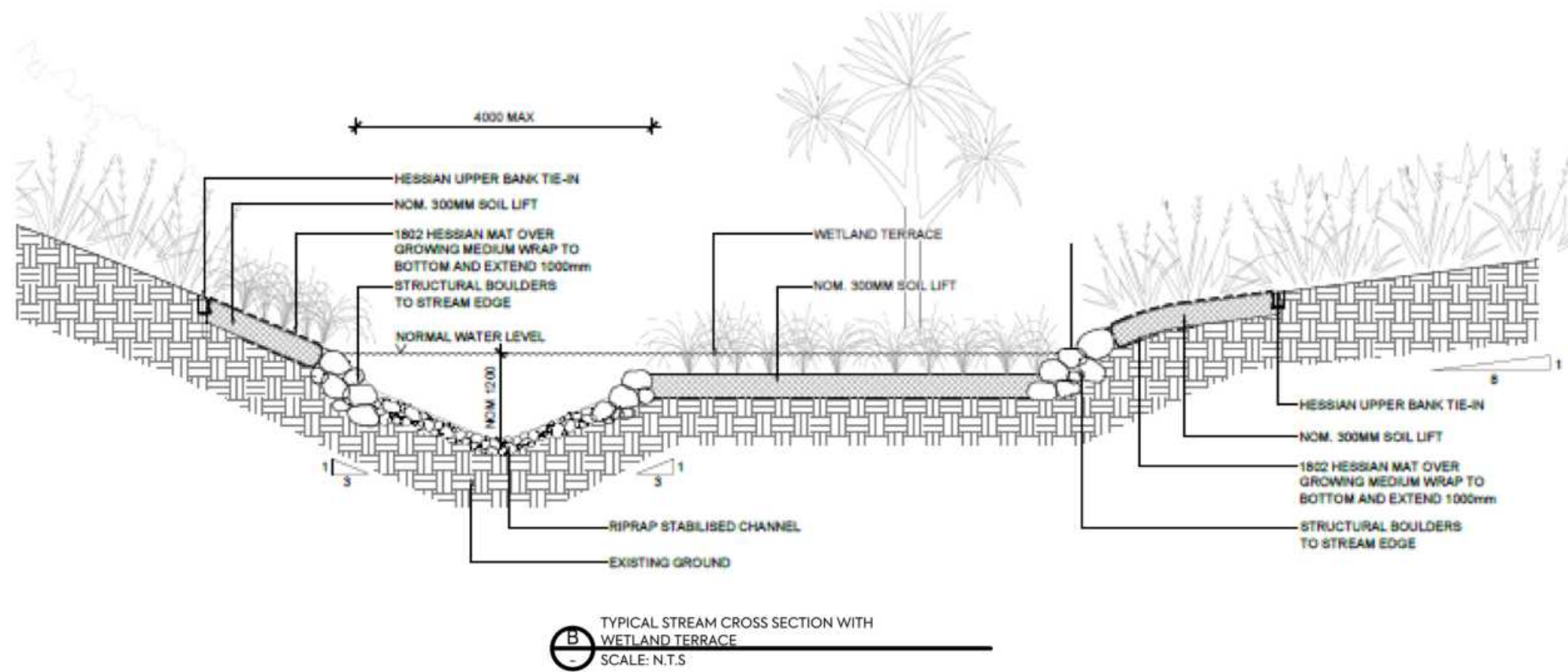
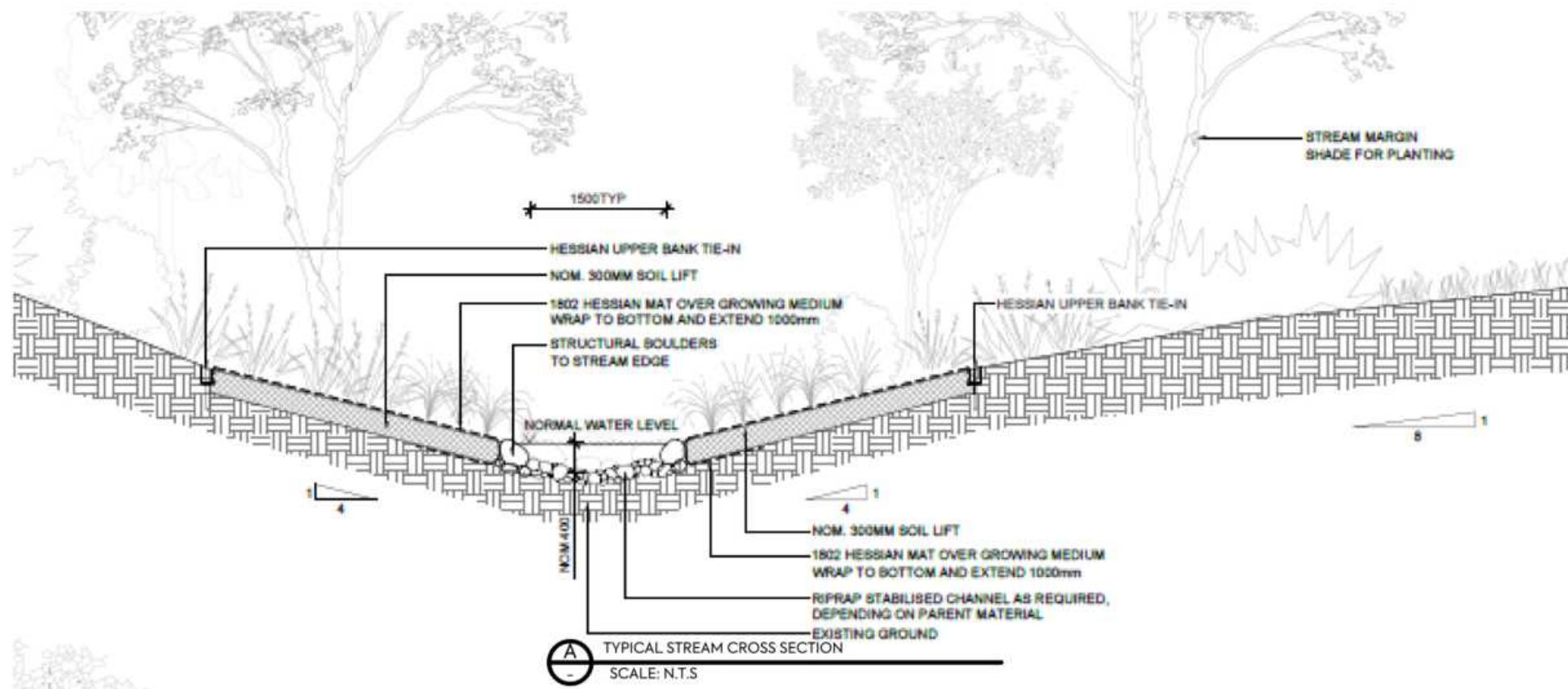
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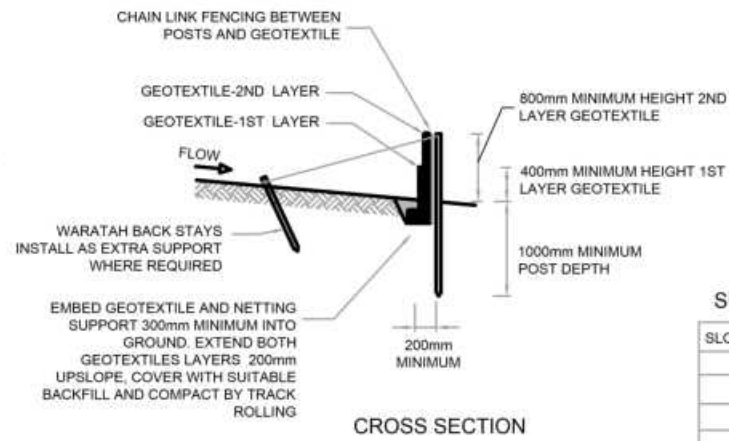
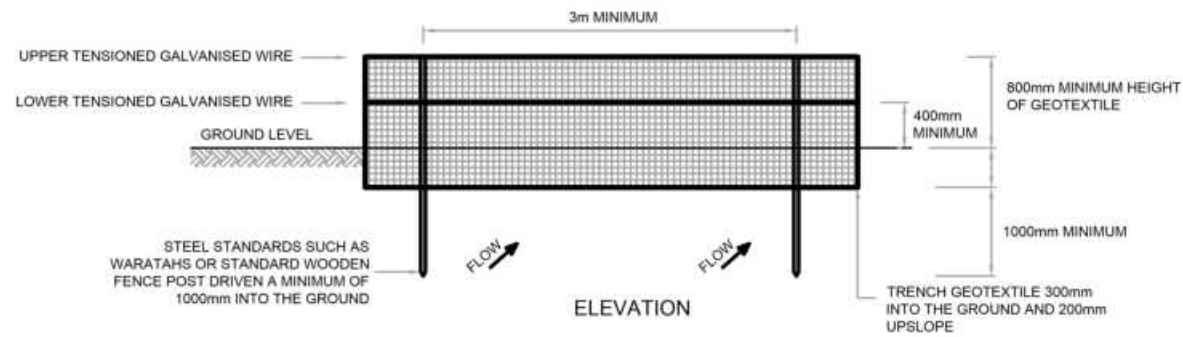
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	NS	SL	JK	13/01/26

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:

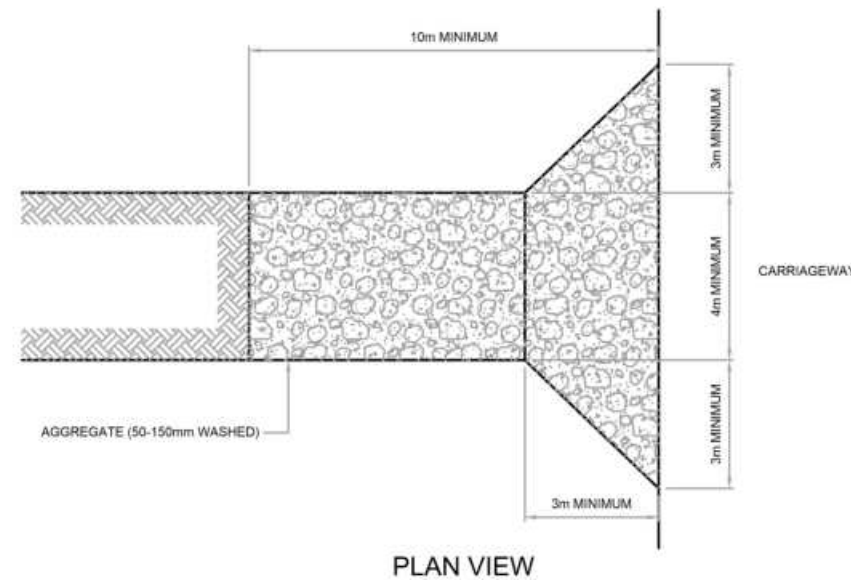
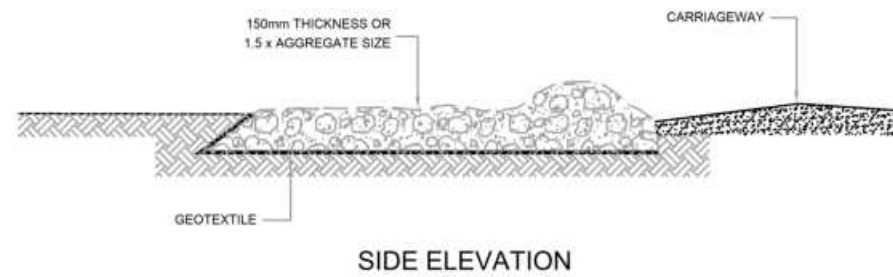
- CLEAR THE ENTRANCE AND EXIT AREA OF ALL VEGETATION, ROOTS AND OTHER UNSUITABLE MATERIAL AND PROPERLY GRADE IT.
- LAY WOVEN GEOTEXTILE; PIN DOWN EDGES AND OVERLAP JOINTS.
- PROVIDE DRAINAGE TO CARRY RUNOFF FROM THE STABILISED CONSTRUCTION ENTRANCE TO A SEDIMENT CONTROL MEASURE.
- PLACE AGGREGATE TO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

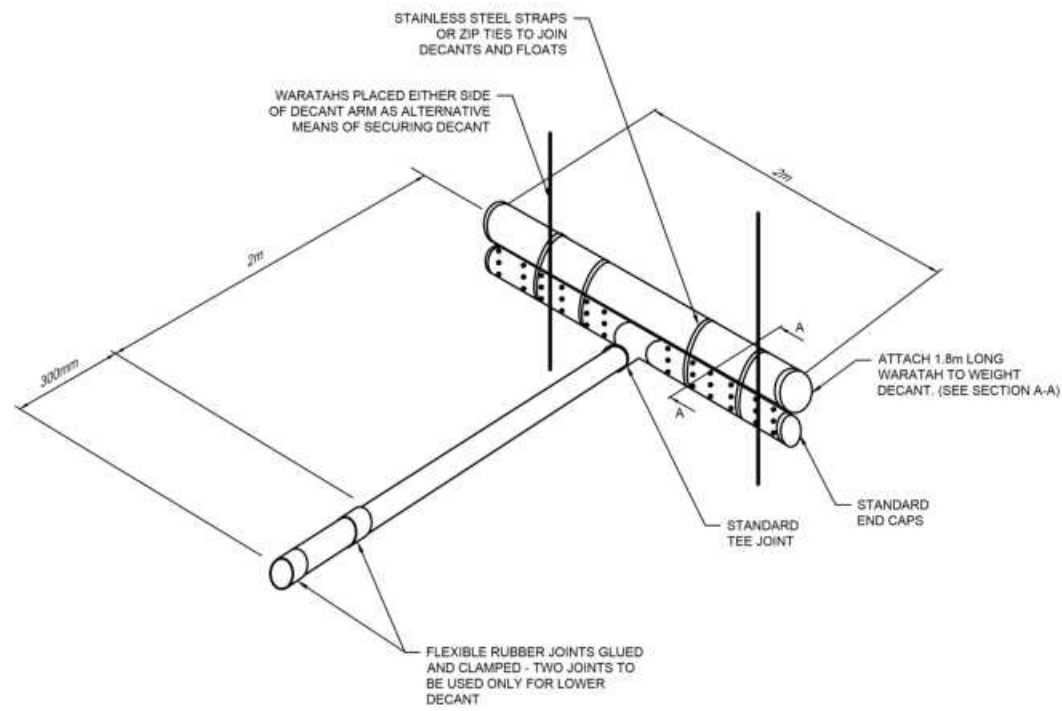
TITLE:
**EARTHWORKS
EROSION AND SEDIMENT
CONTROL DETAILS
SHEET 1**

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

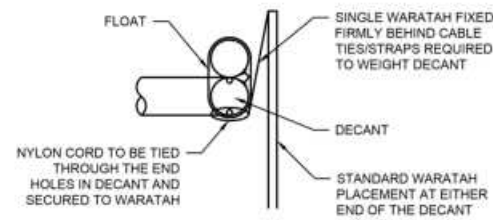
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DO NOT SCALE
DRAWING NO: **3325-2-2900** REV: **A**

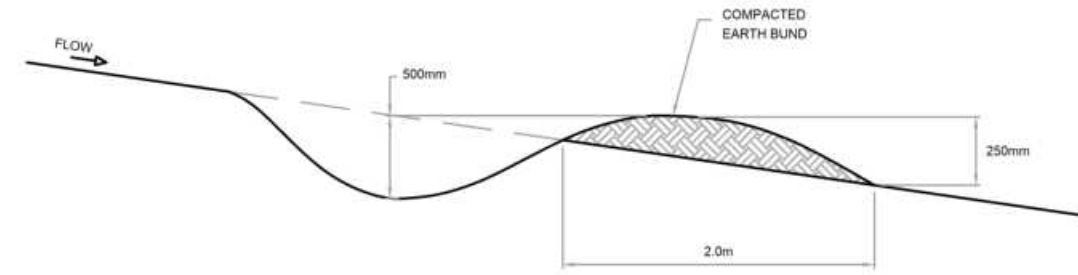
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	AL	SL	SL	07/11/25



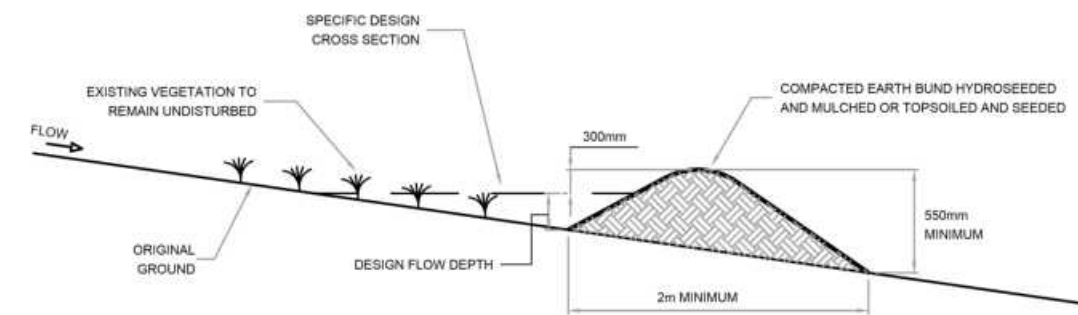
DECANT WITH UPSTAND FOR DECANTING EARTH BUND



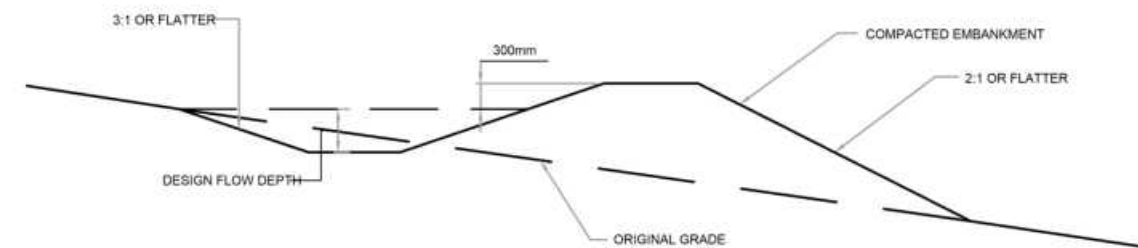
SECTION A-A



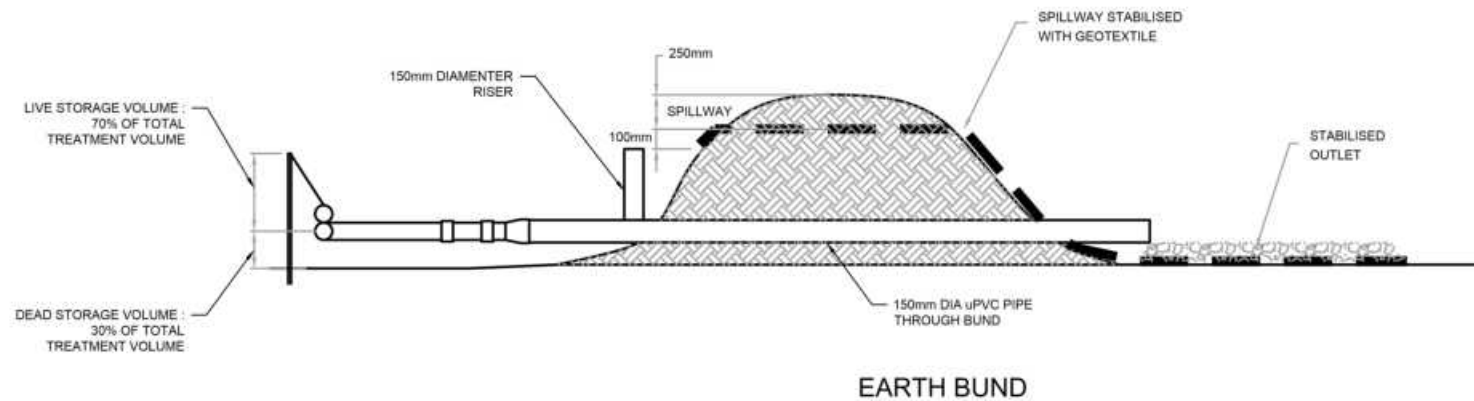
CONTOUR DRAIN



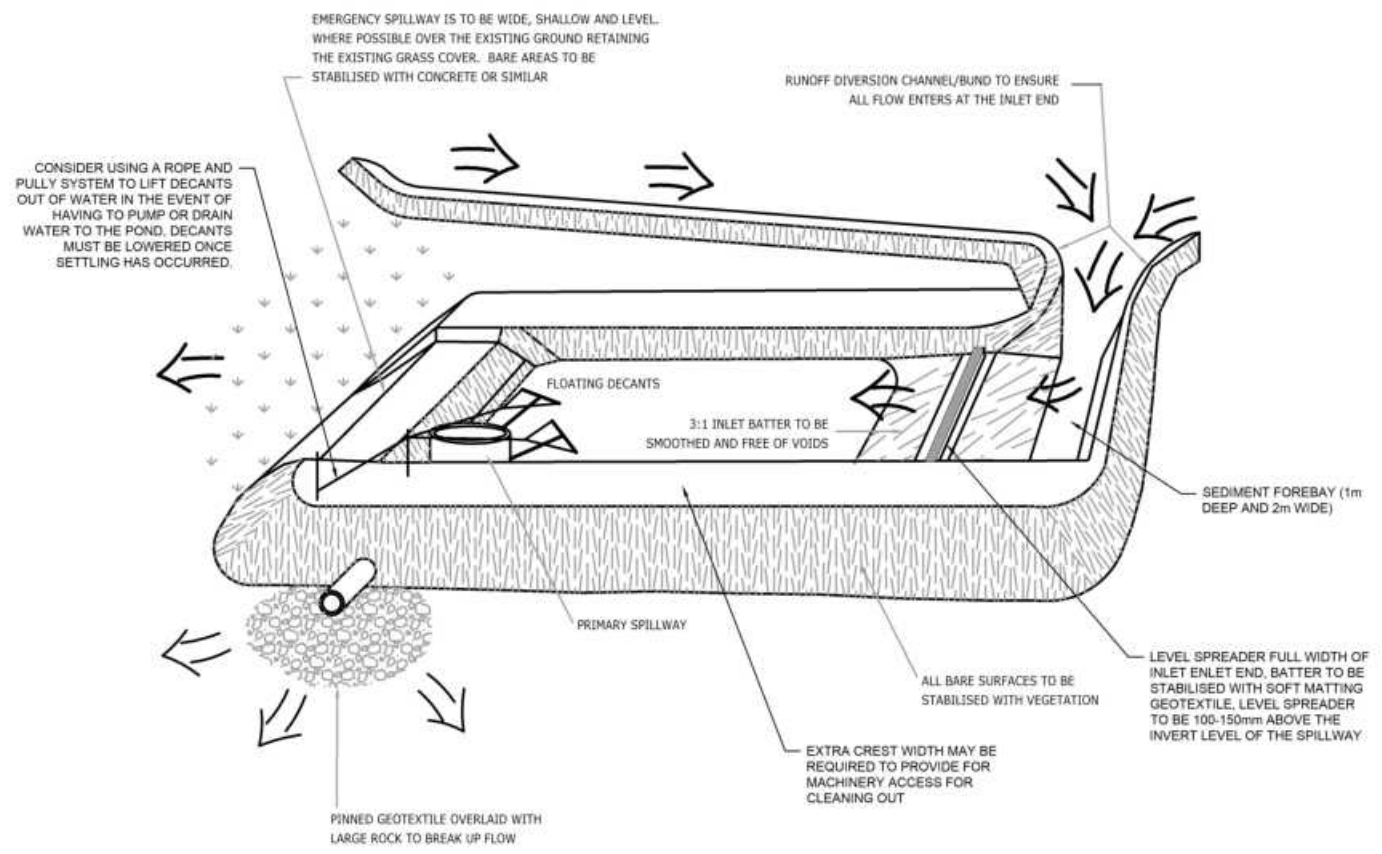
CLEANWATER RUNOFF DIVERSION BUND - CROSS SECTION



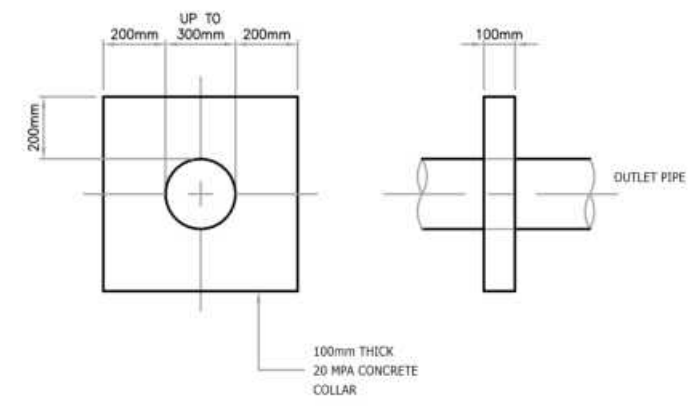
RUNOFF DIVERSION BUND - CROSS SECTION



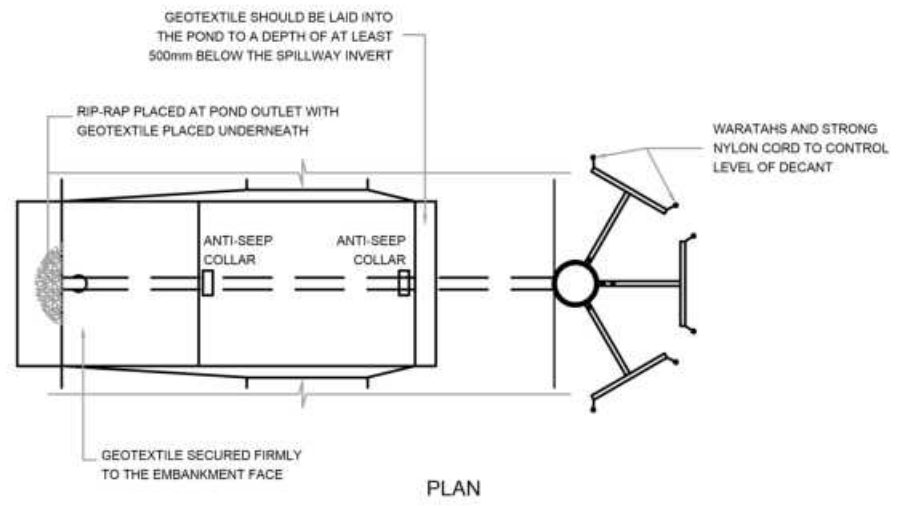
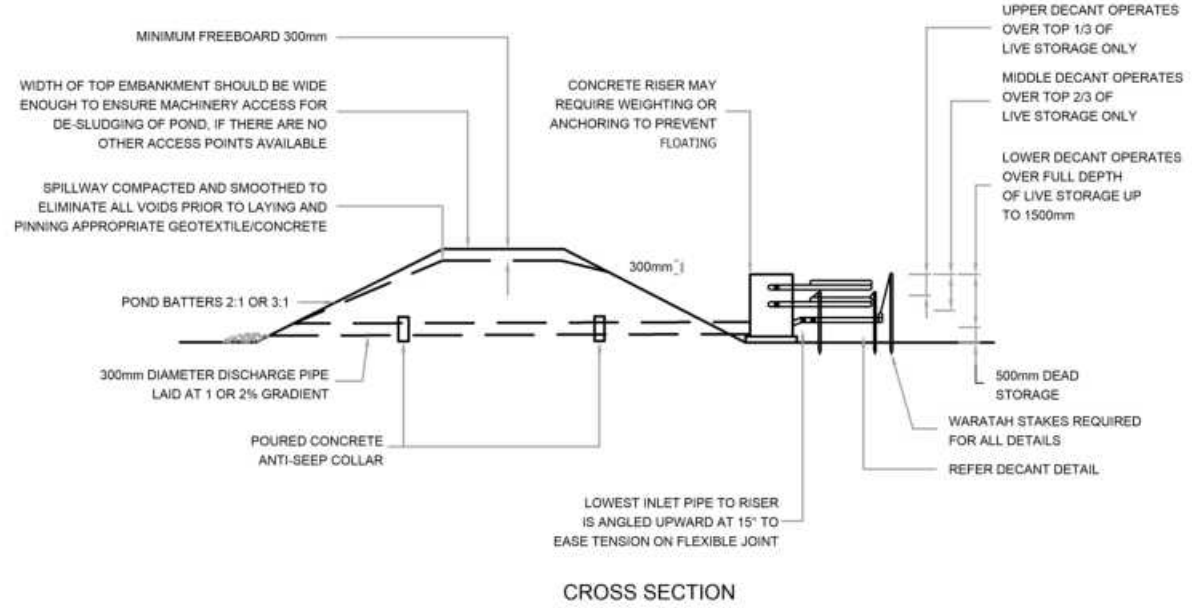
EARTH BUND



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

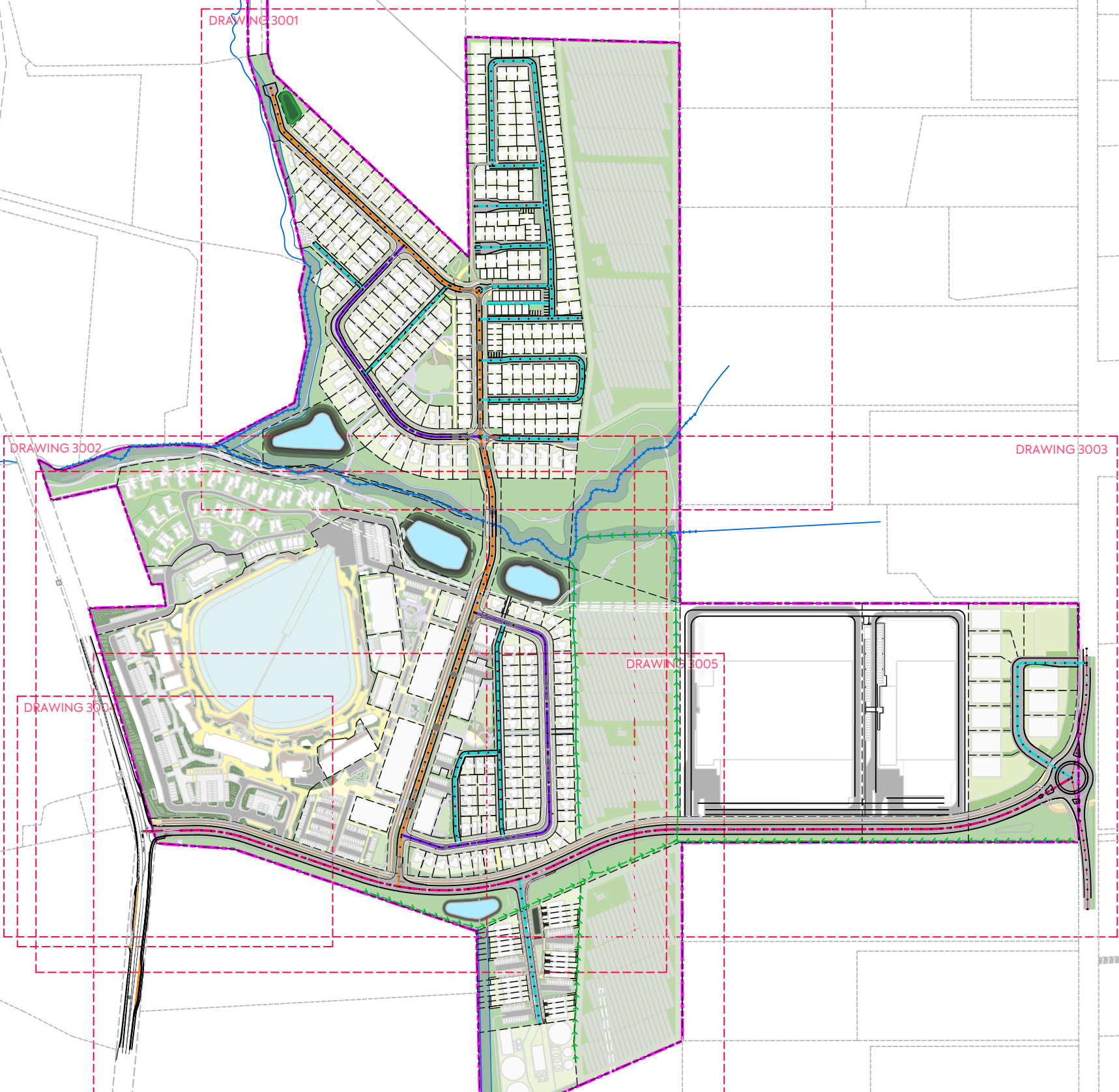


NOTES:

- 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 OVERALL PLAN 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: 1:5000
DO NOT SCALE
DRAWING NO: 3325-2-3000 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	
CONSTRUCTED WETLAND	

TO BE DESIGNED BY LANDSCAPE ARCHITECT

TO BE DESIGNED BY LANDSCAPE ARCHITECT

<p>CLIENT: AW HOLDINGS 2021 LIMITED</p>	<p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: ROADING PLAN SHEET 1</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p> <p>SCALE: 1:2000 DO NOT SCALE</p> <p>DRAWING NO: 3325-2-3001 REV: B</p>
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B	DRAWING UPDATES	SH	SL	JK	13/01/26
A	FIRST ISSUE	ZW	AL	JK	07/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE



TO BE DESIGNED BY LANDSCAPE ARCHITECT

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

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 PLAN SHEET 2</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p>
<p>B DRAWING UPDATES SH SL JK 13/01/26 A FIRST ISSUE ZW AL JK 07/11/25</p>				<p>SCALE: 1:2000 DO NOT SCALE DRAWING NO: 3325-2-3002 REV: B</p>
<p>PLANT DATE: 2026-01-15 11:10:26 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</p>				

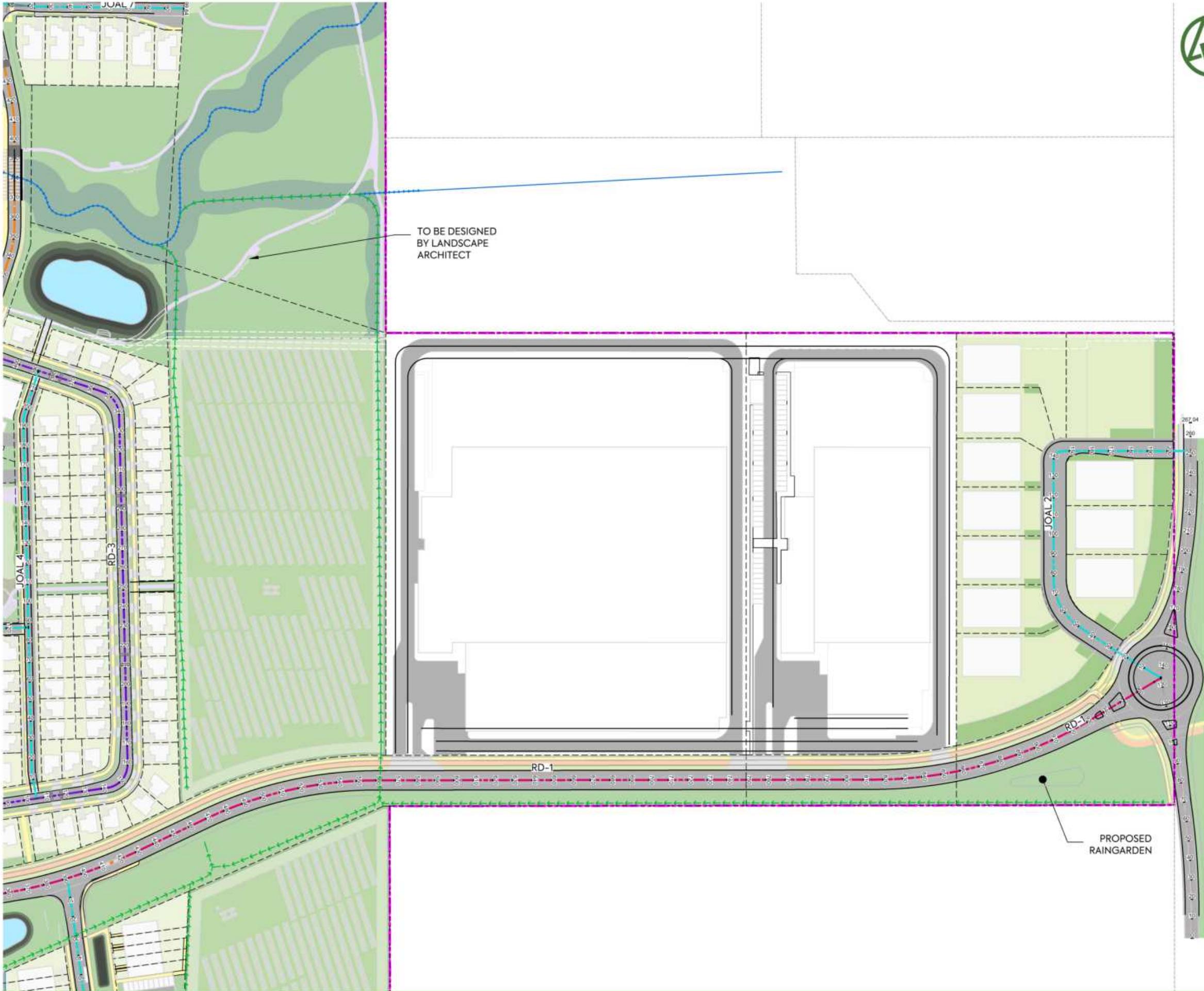


NOTES:

- 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 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: 1:2000
DO NOT SCALE
DRAWING NO: 3325-2-3003 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

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 PLAN SHEET 3</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p> <p>SCALE: 1:1000 DO NOT SCALE</p> <p>DRAWING NO: 3325-2-3004 REV: B</p>
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SH	SL	JK	13/01/26						
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:

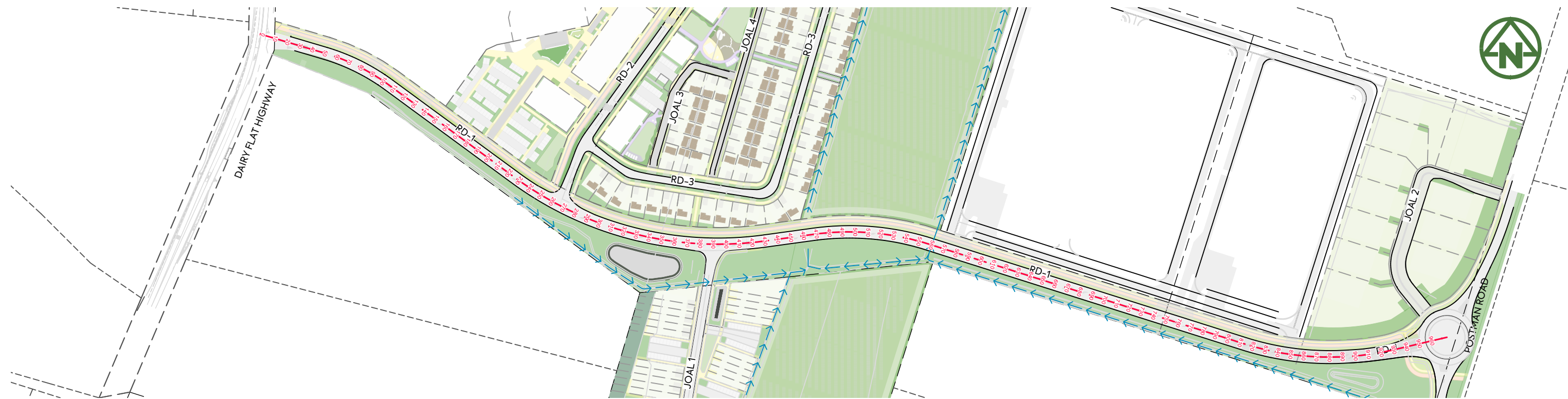
- SITE BOUNDARY
- FUTURE LOT BOUNDARY (SUBJECT TO SEPARATE APPLICATION)
- PROPOSED EDGE OF CARRIAGEWAY
- PROPOSED FOOTPATH STANDARD BROOM FINISH
- PROPOSED ASPHALTIC CONCRETE CARRIAGEWAY
- PROPOSED CYCLEWAY
- PROPOSED GRASS BERM
- EXISTING STREAM
- PROPOSED SWALE
- ROAD CENTRELINE - COLLECTOR
- ROAD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

CONSTRUCTED WETLAND

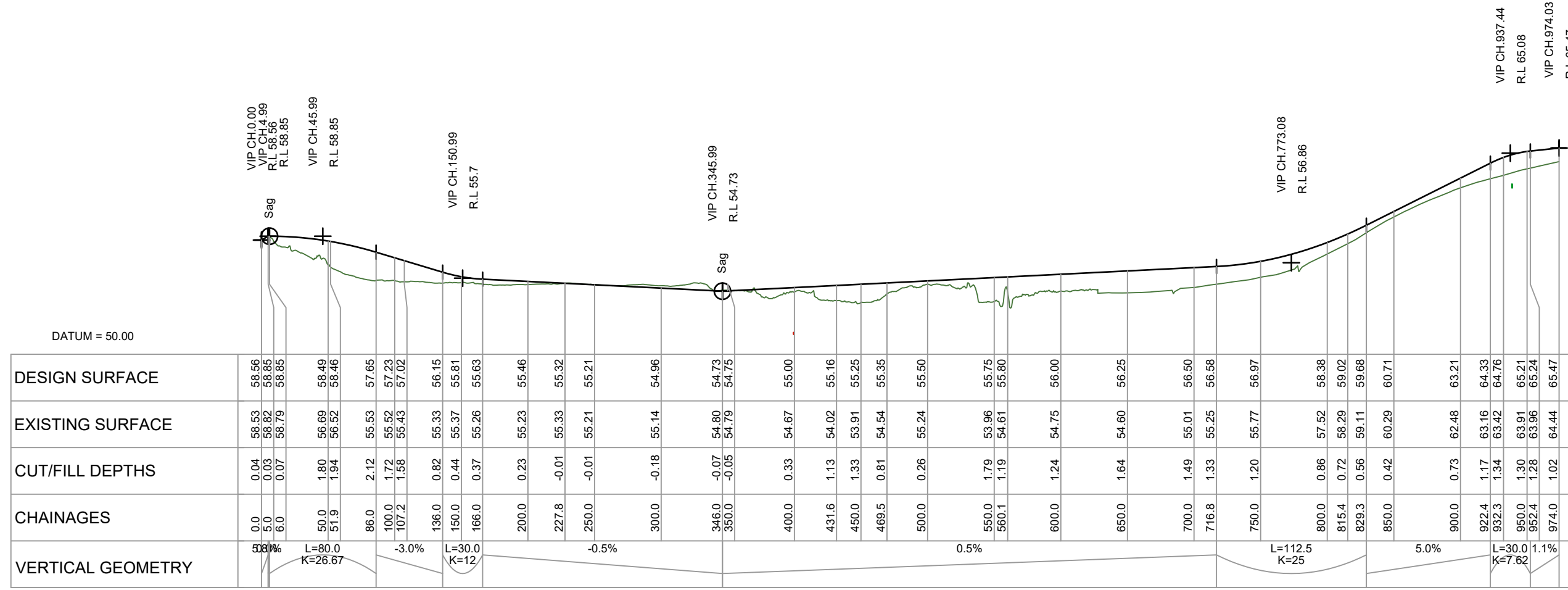
CLIENT: AW HOLDINGS 2021 LIMITED	PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	TITLE: ROADING PLAN SHEET 3	PURPOSE OF ISSUE: FOR RESOURCE CONSENT
			SCALE: 1:2000 <small>DO NOT SCALE</small>
			DRAWING NO.: 3325-2-3005
			REV: B



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



LONGITUDINAL PLAN ROAD 1
SCALE =1:3000 @ A3



LONGITUDINAL SECTION ROAD 1
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 1

PURPOSE OF ISSUE: FOR RESOURCE CONSENT

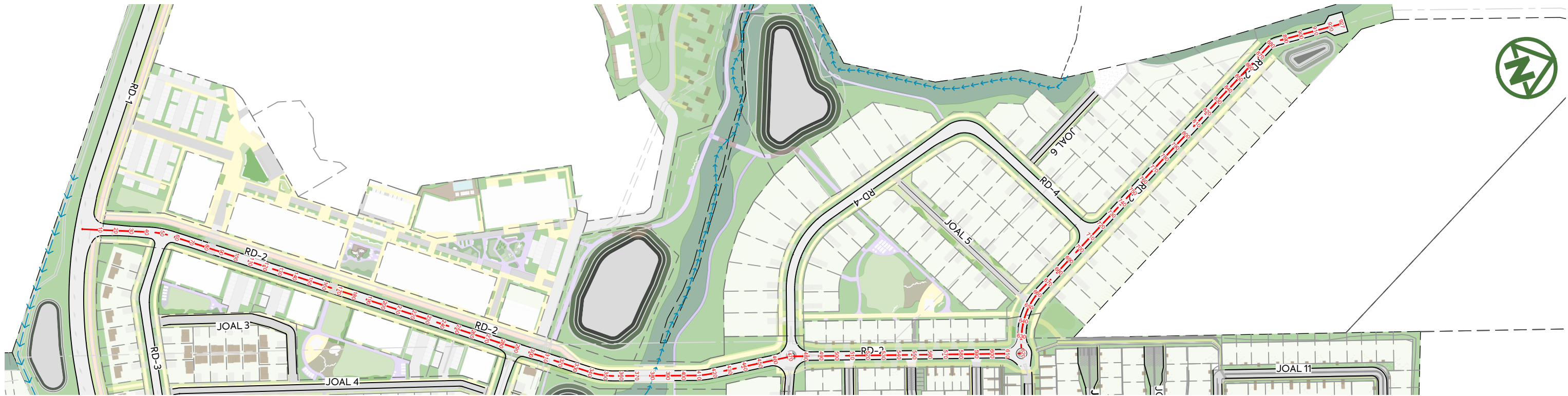
SCALE: AS NOTED ON PLAN

DRAWING NO: 3325-2-3100

REV: B

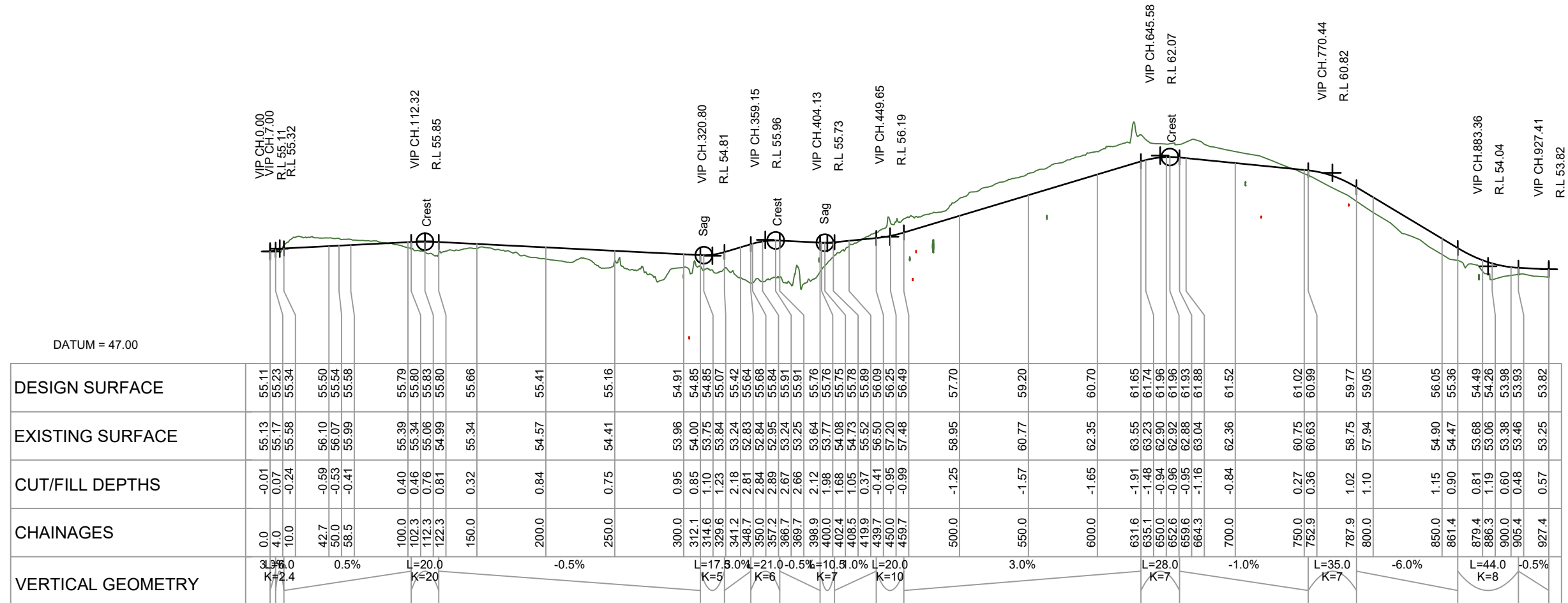
B DRAWING UPDATES	SH SL JK 07/01/26		
A FIRST ISSUE	SH SL JK 07/11/25		
REV DESCRIPTION	DRN BY CHK BY APP BY DATE		

PLOT DATE 2026-01-30 09:29:19 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



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:

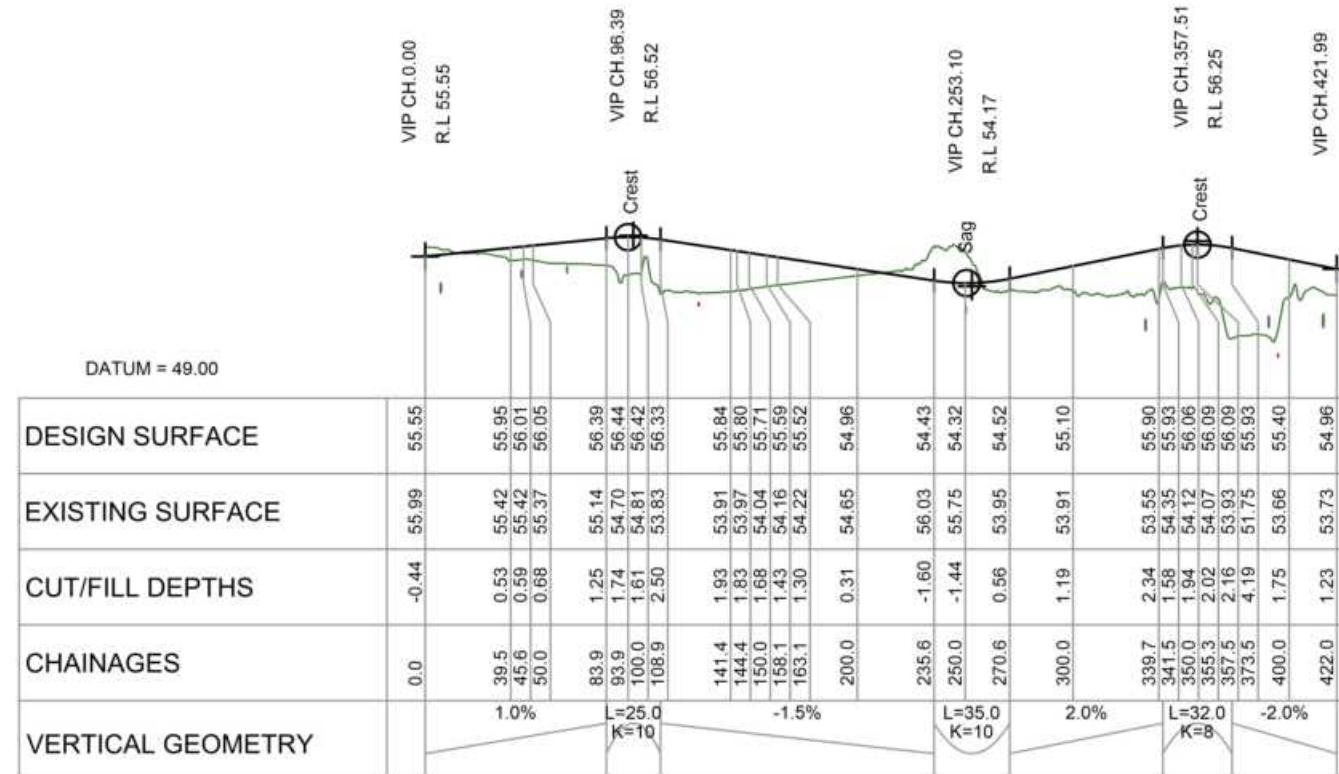
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
B	DRAWING UPDATES	SH	SL	JK	07/01/26
A	FIRST ISSUE	SH	SL	JK	07/11/25



LONGITUDINAL PLAN
SCALE = 1:1500 @ A3

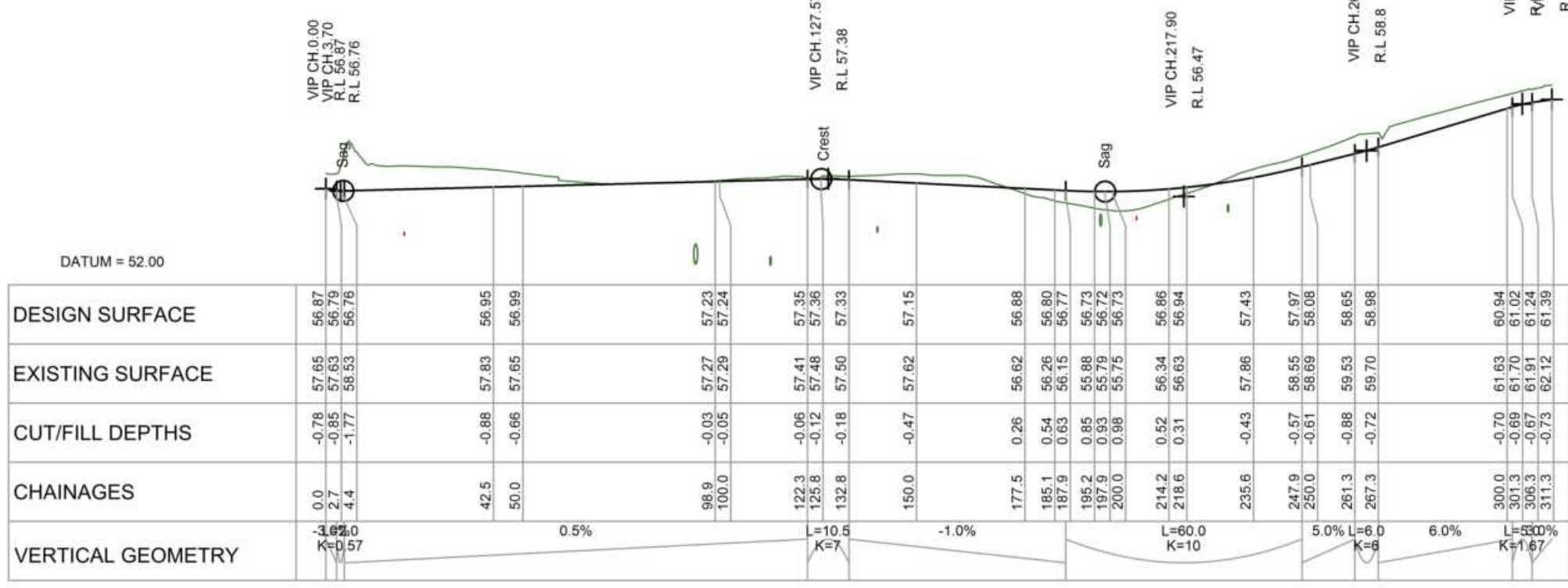


LONGITUDINAL SECTION ROAD 3
SCALE HORIZ=1:3500 @ A3 / VERT=1:350 @ A3

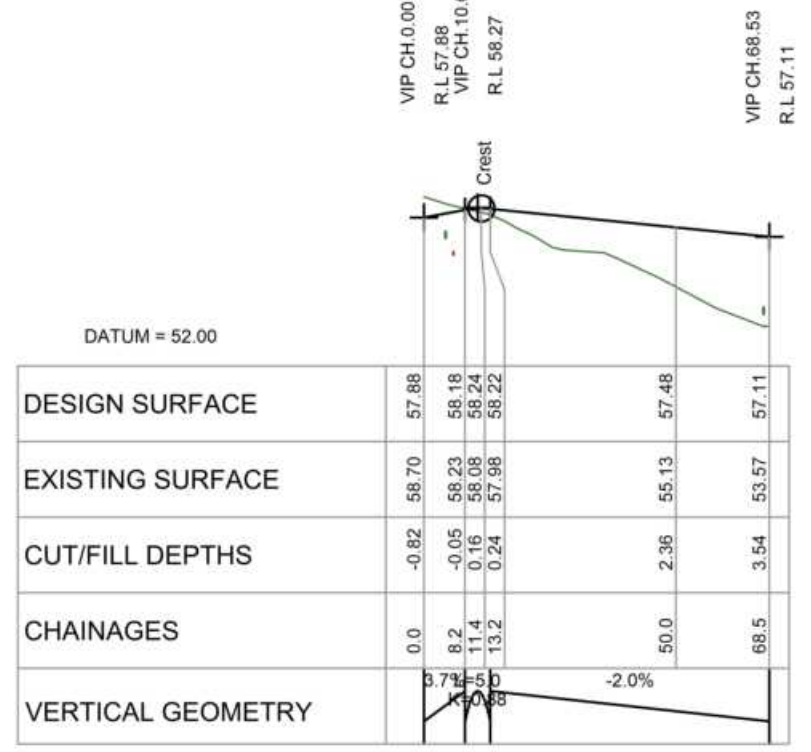
	<p>CLIENT: AW HOLDINGS 2021 LIMITED</p>	<p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: ROADING LONGSECTION SHEET 3</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p>
<p>B DRAWING UPDATES SH SL JK 07/01/26</p> <p>A FIRST ISSUE SH SL JK 07/11/25</p>				
<p>REV DESCRIPTION DRN BY CHK BY APP BY DATE</p>				
				<p>SCALE: AS NOTED ON PLAN</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 3325-2-3102 REV: B</p>



LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



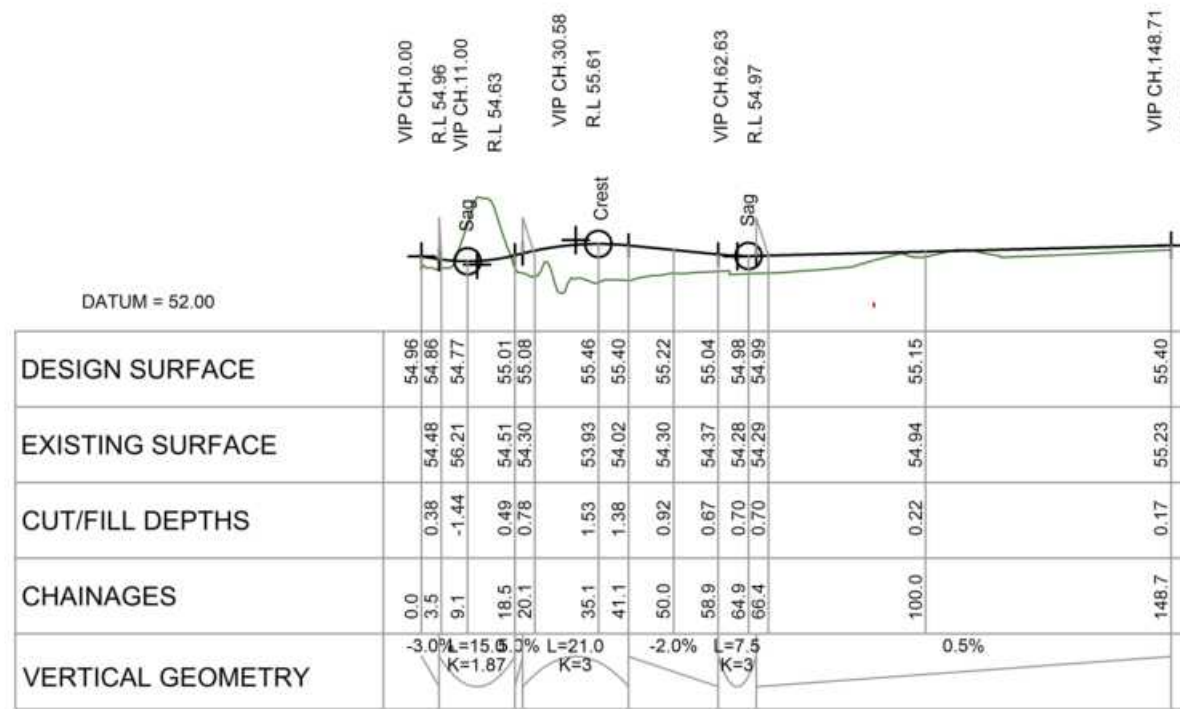
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SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



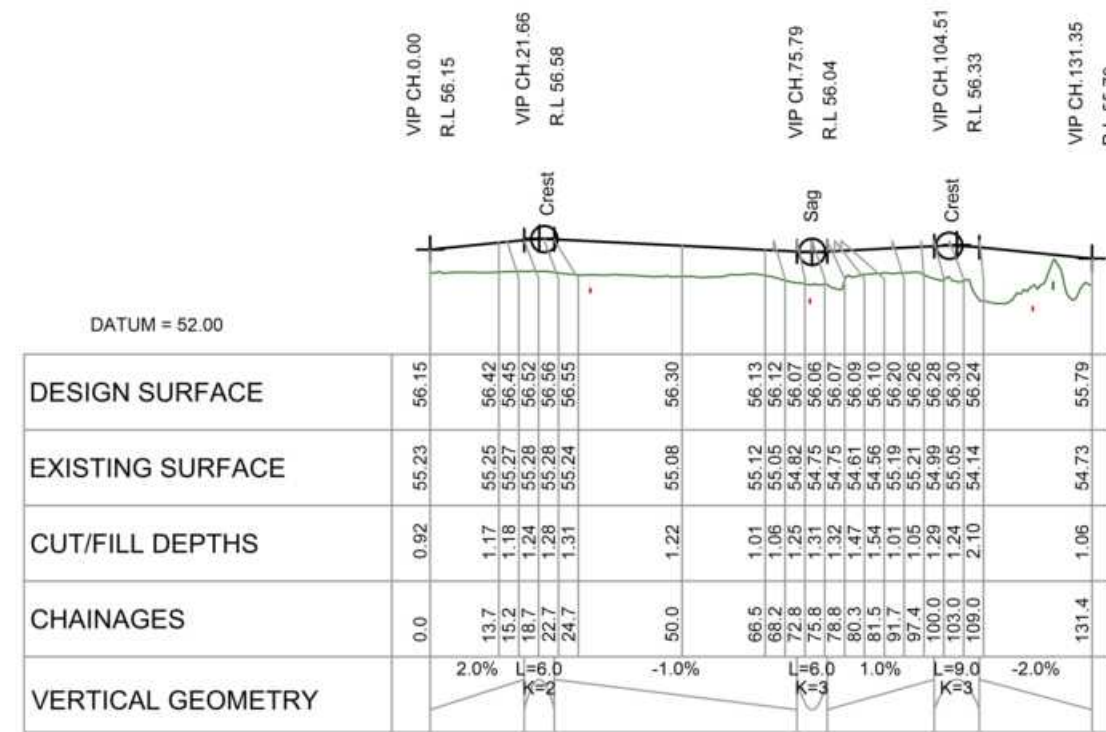
LONGITUDINAL SECTION JOAL 6
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



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

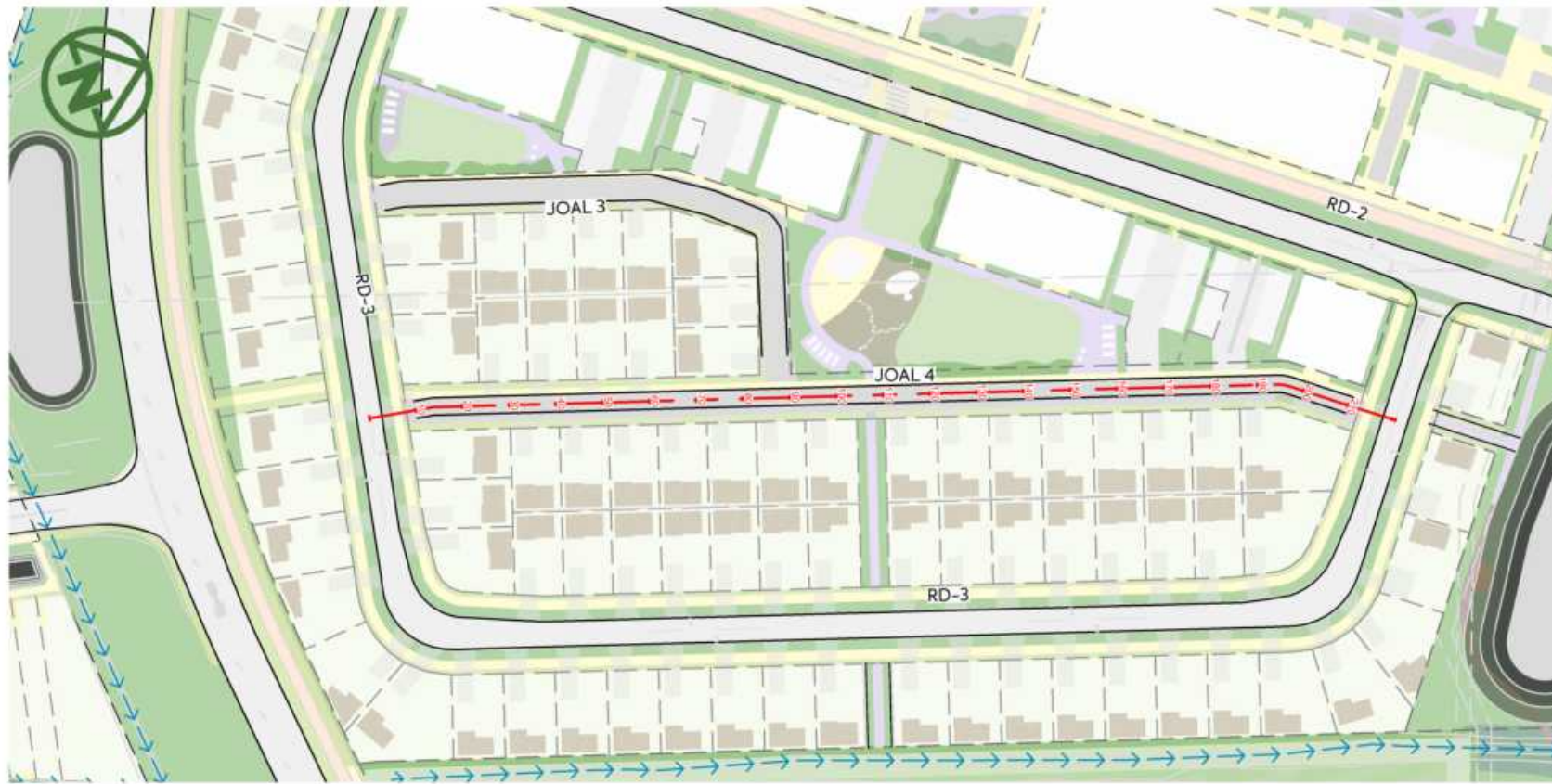
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
AS NOTED ON PLAN

DO NOT SCALE

DRAWING NO.: 3325-2-3104

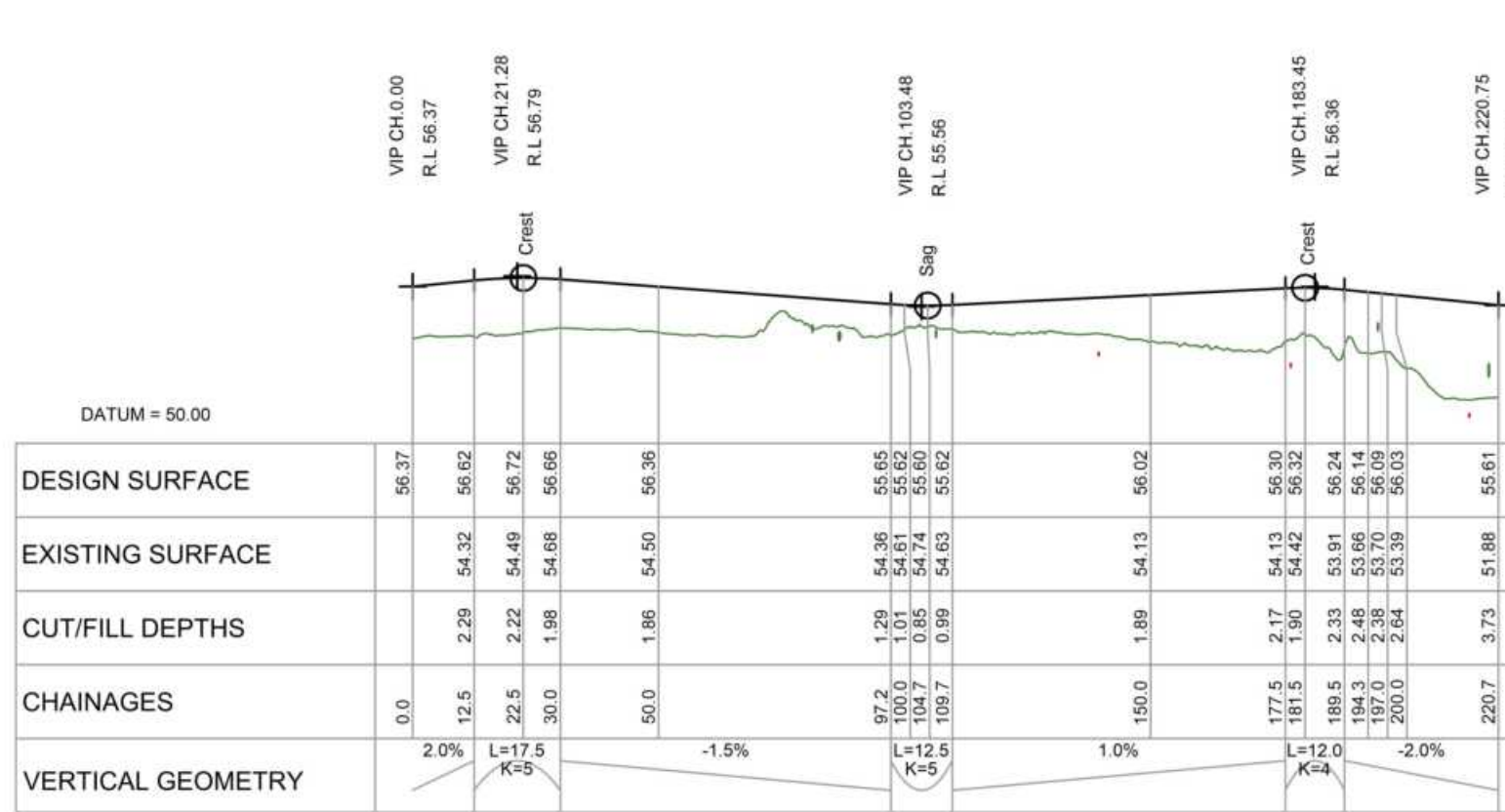
REV: B



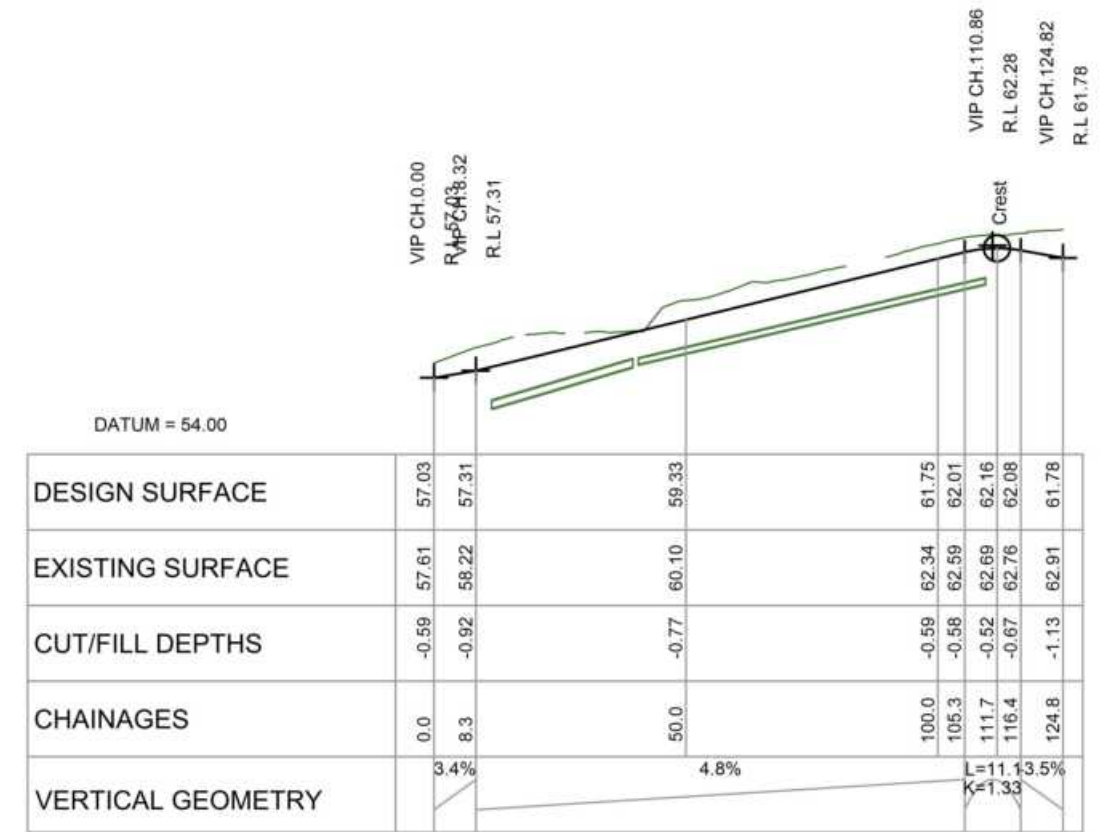
LONGITUDINAL PLAN
SCALE =1:1500 @ A3



LONGITUDINAL PLAN
SCALE =1:1500 @ A3



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

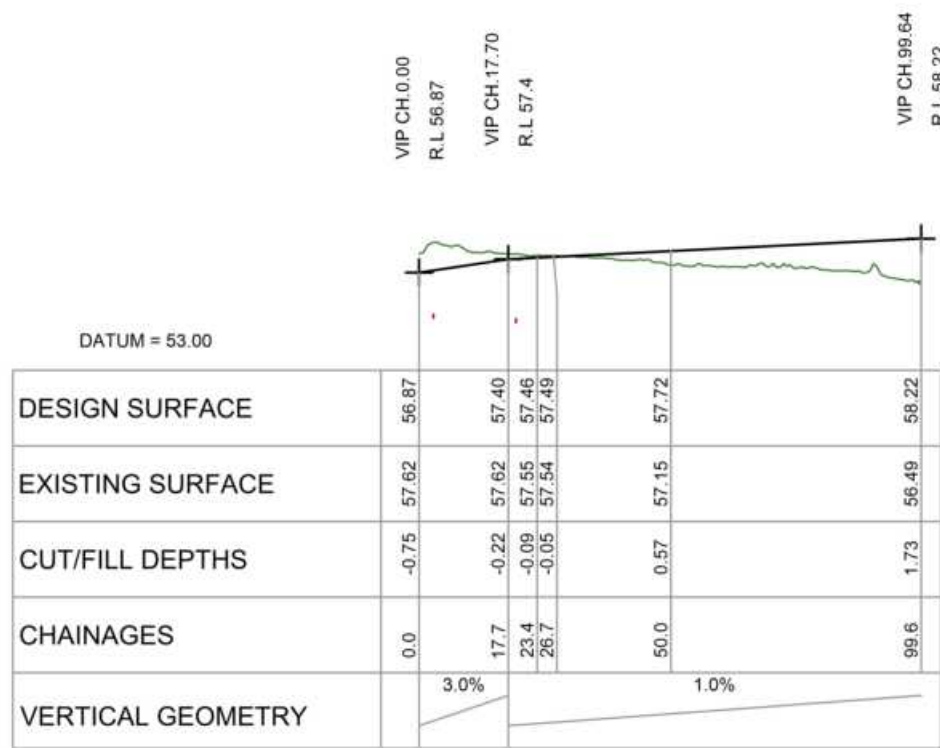


LONGITUDINAL SECTION JOAL 5
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3

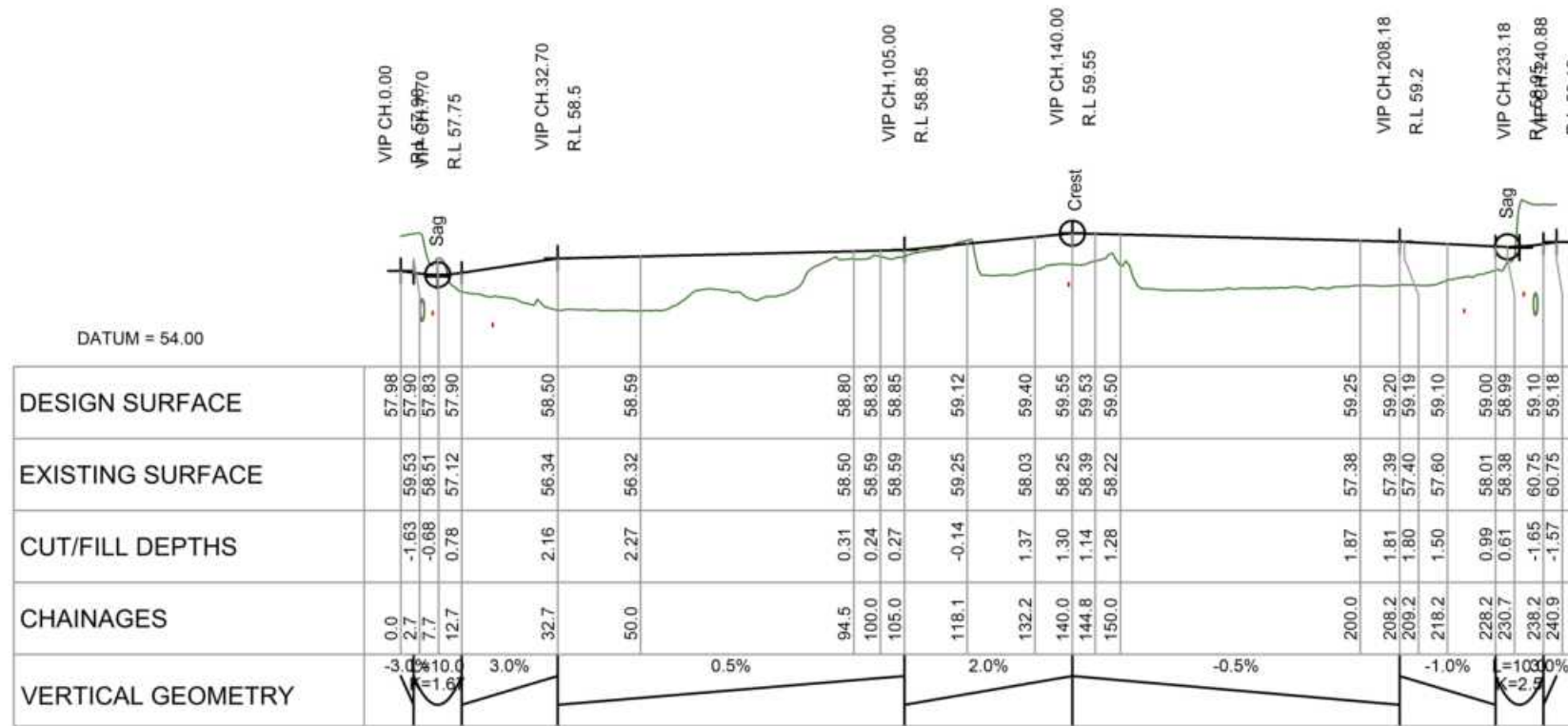
JOAL 4



LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



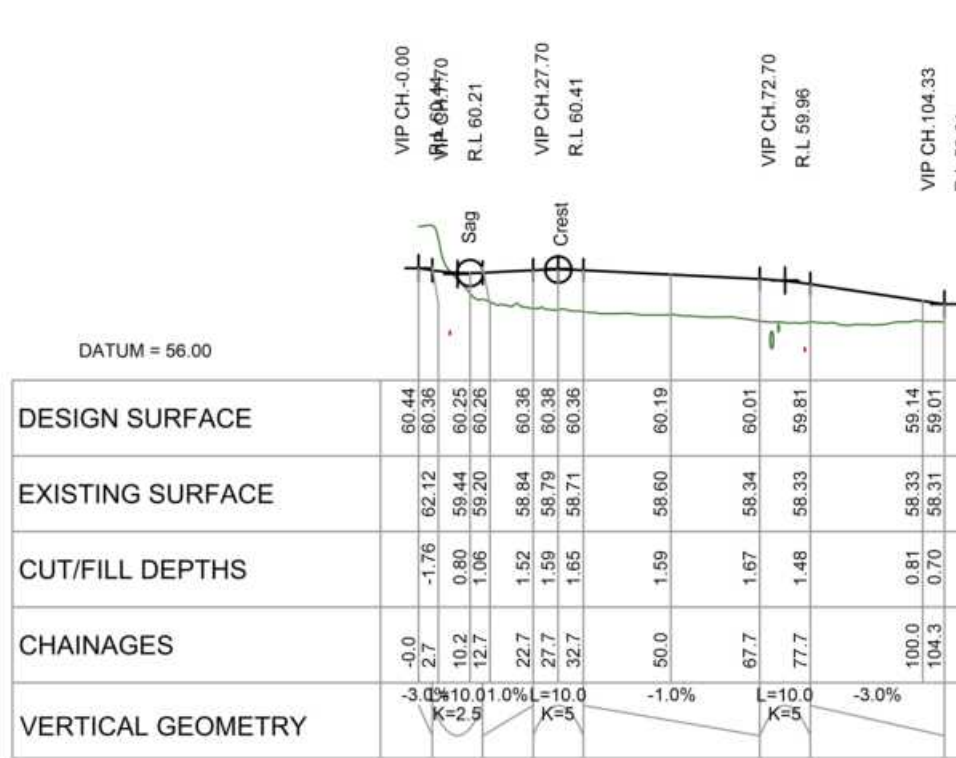
LONGITUDINAL SECTION JOAL 7
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



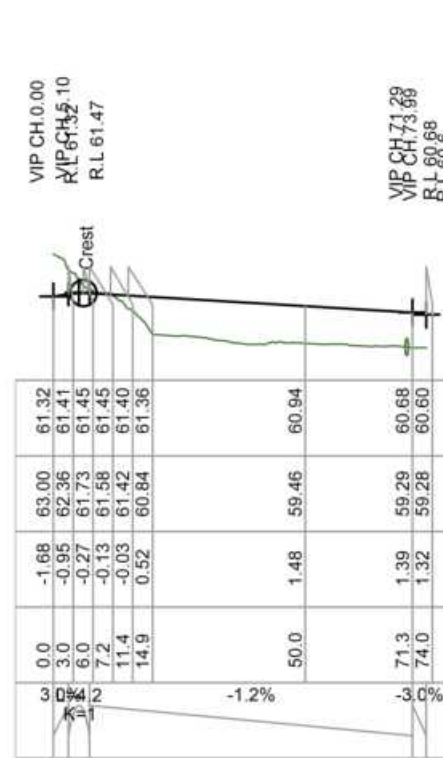
LONGITUDINAL SECTION JOAL 8
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



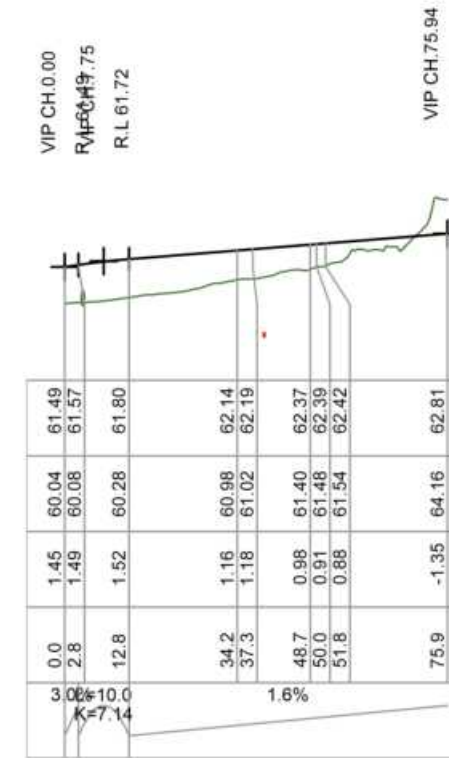
LONGITUDINAL PLAN
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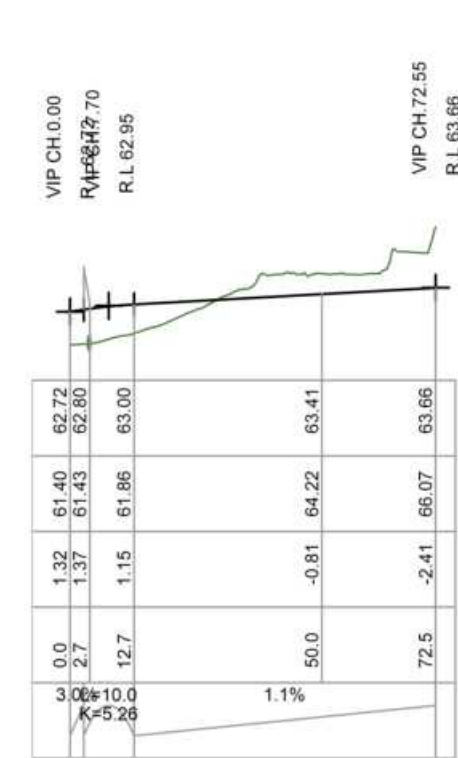
LONGITUDINAL SECTION JOAL 9
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



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



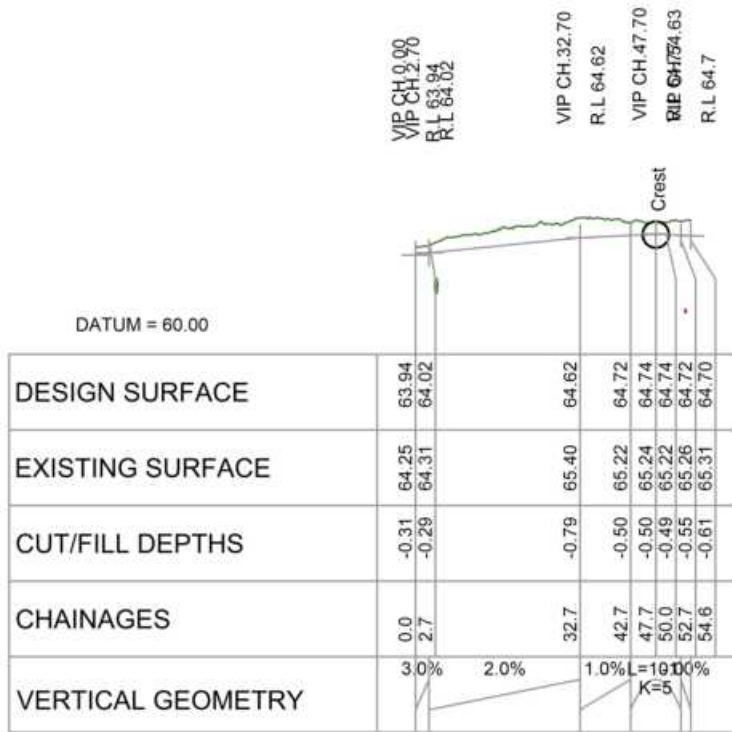
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SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



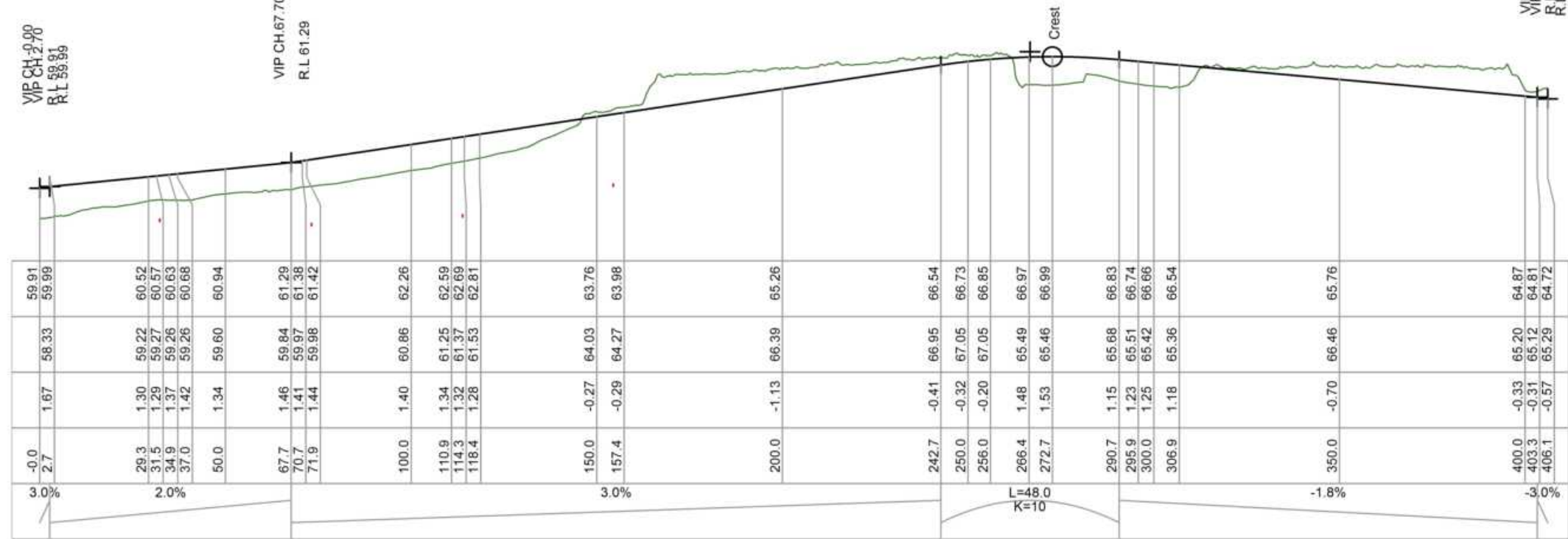
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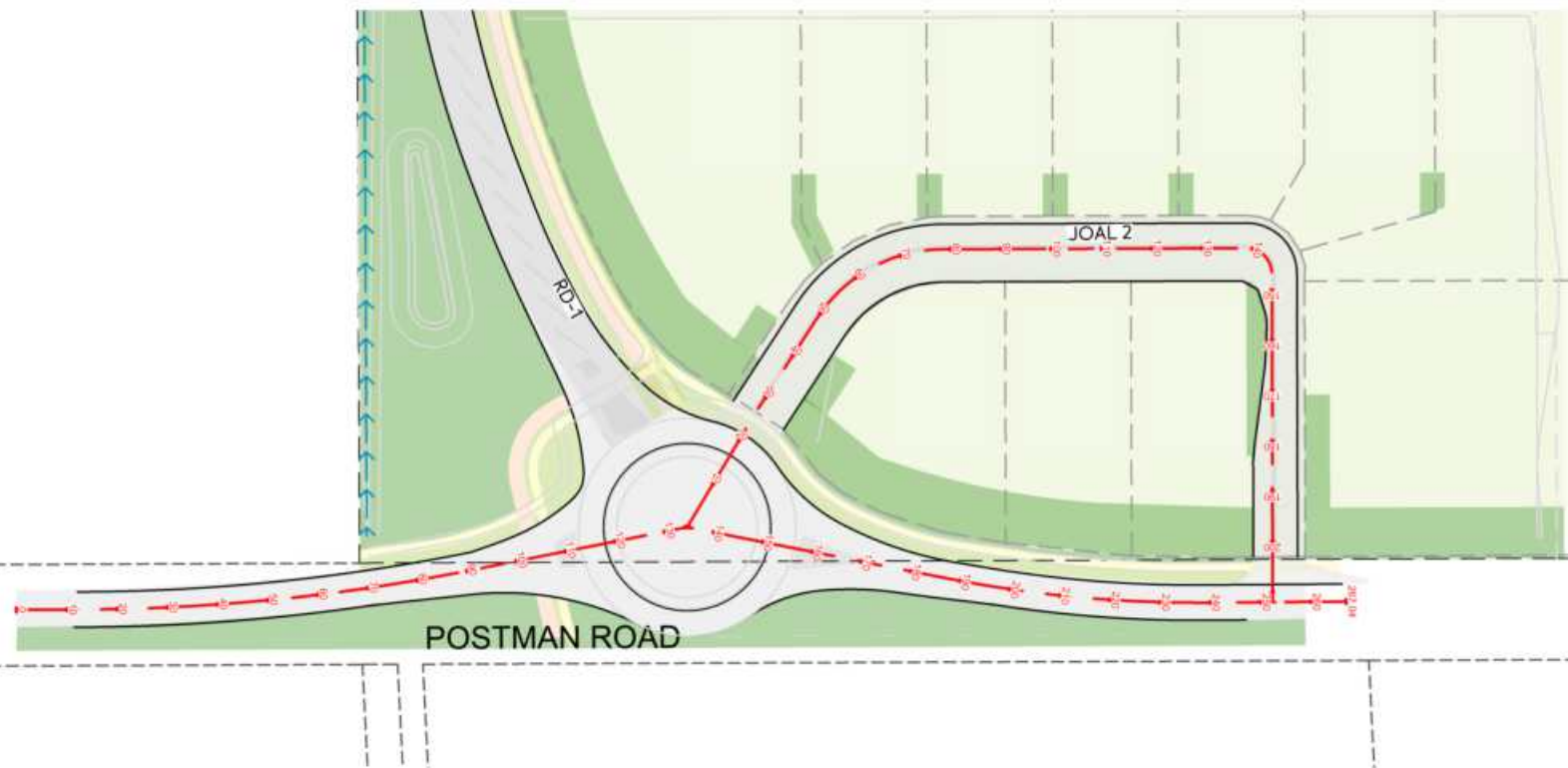
LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



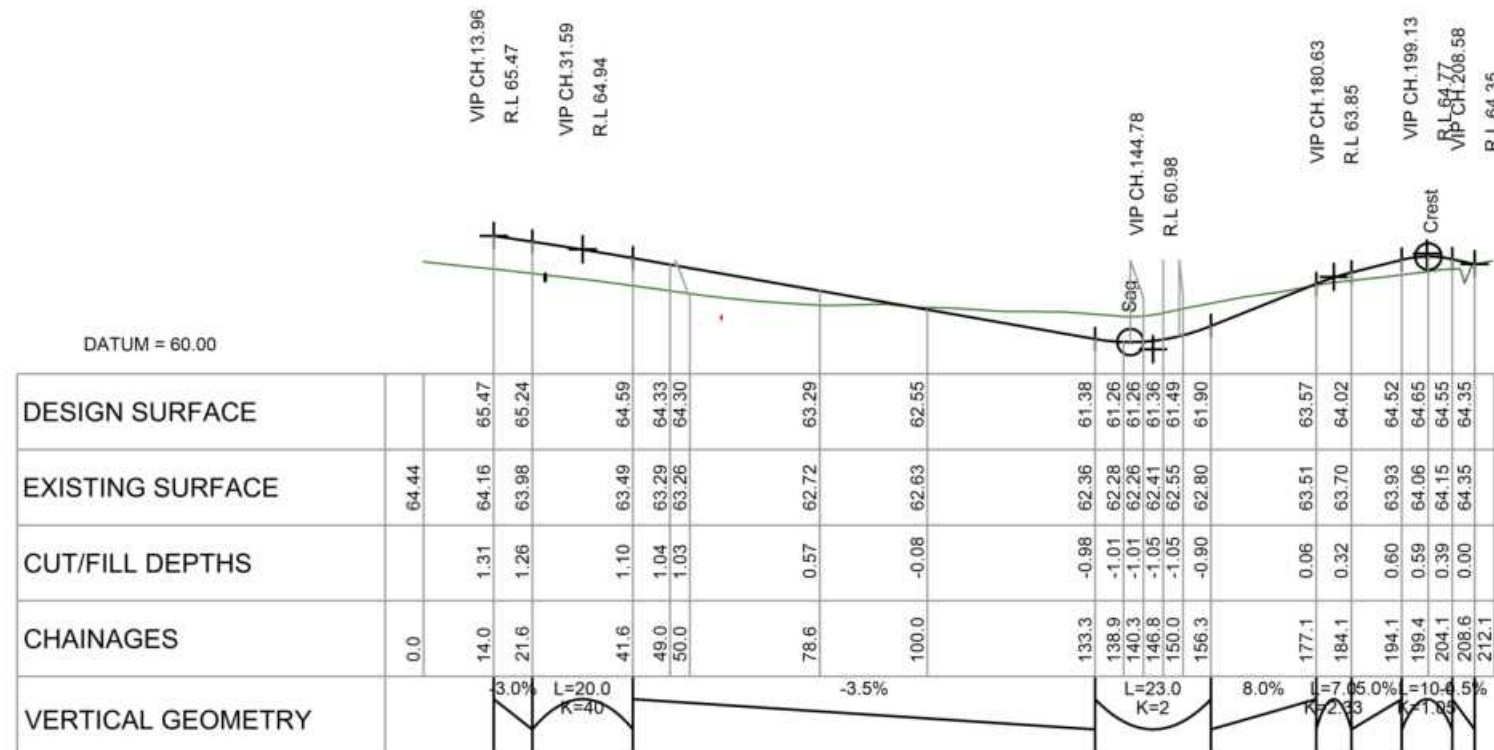
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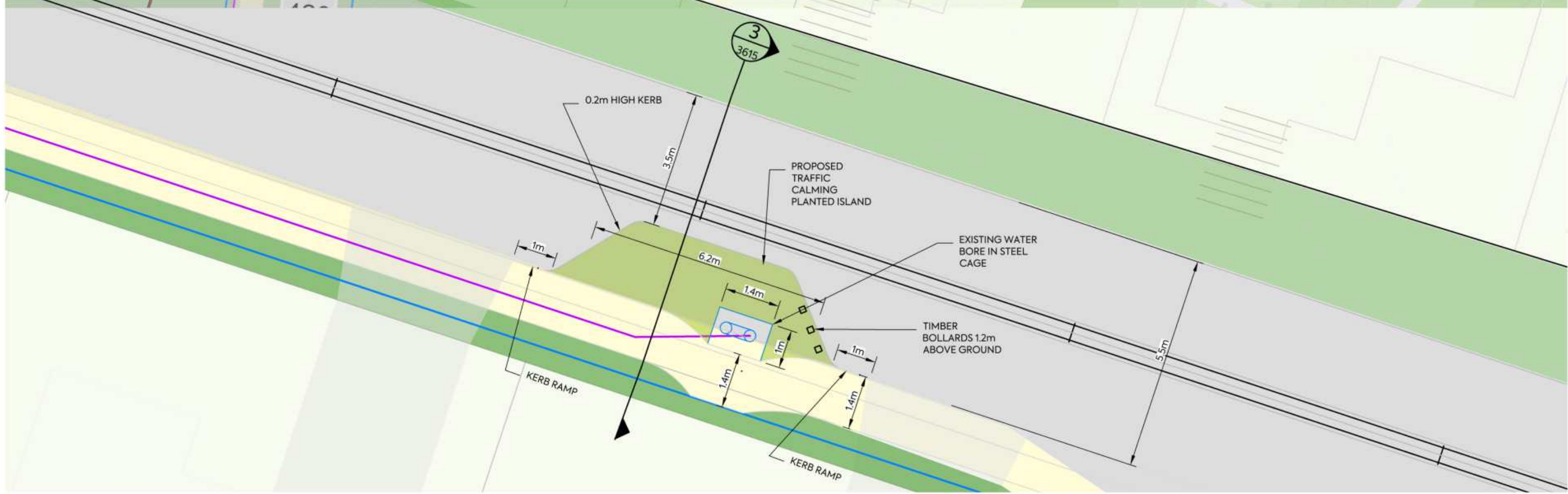
LONGITUDINAL SECTION JOAL 11
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



LONGITUDINAL SECTION JOAL 2
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



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:

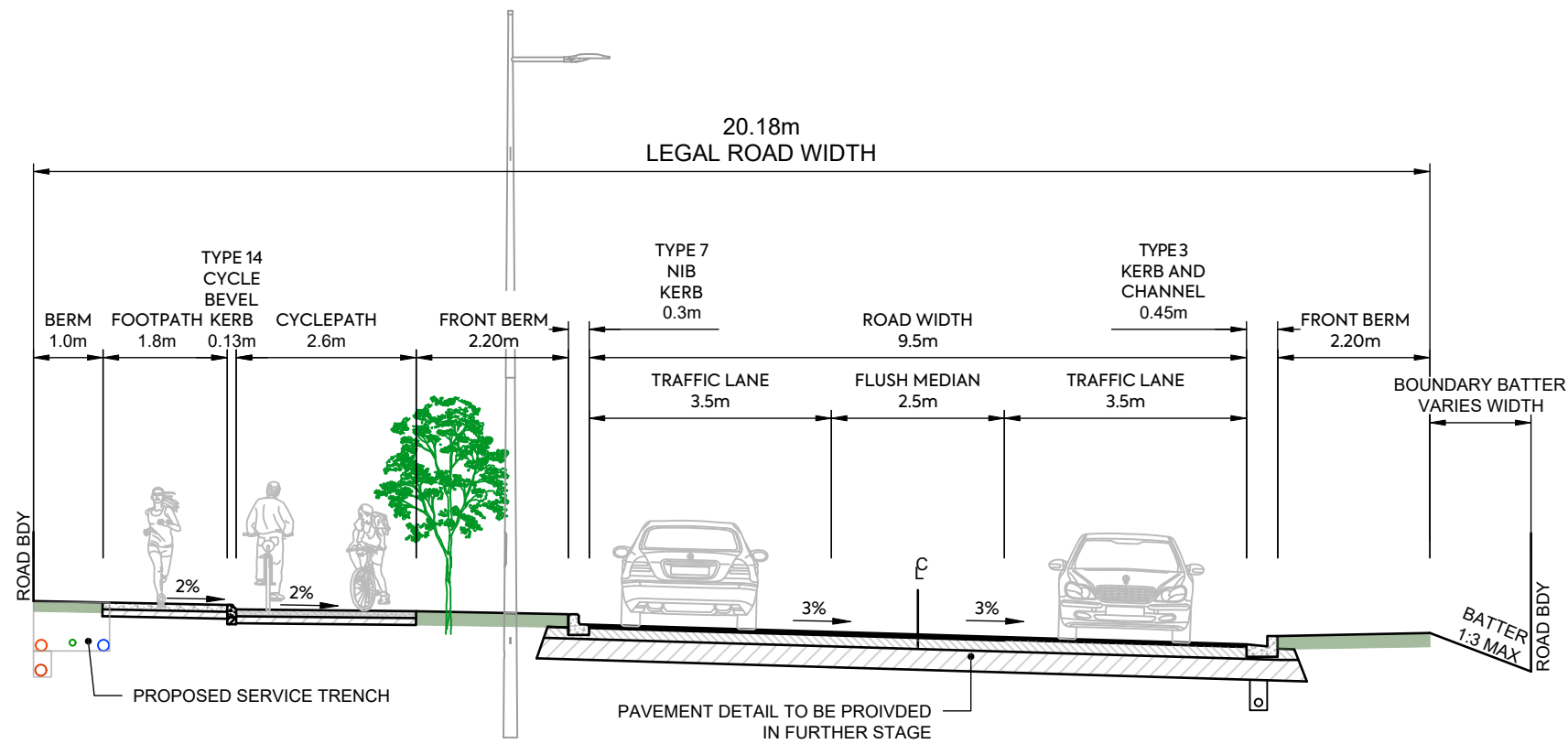
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	SH	SL	JK	07/11/25



NOTES

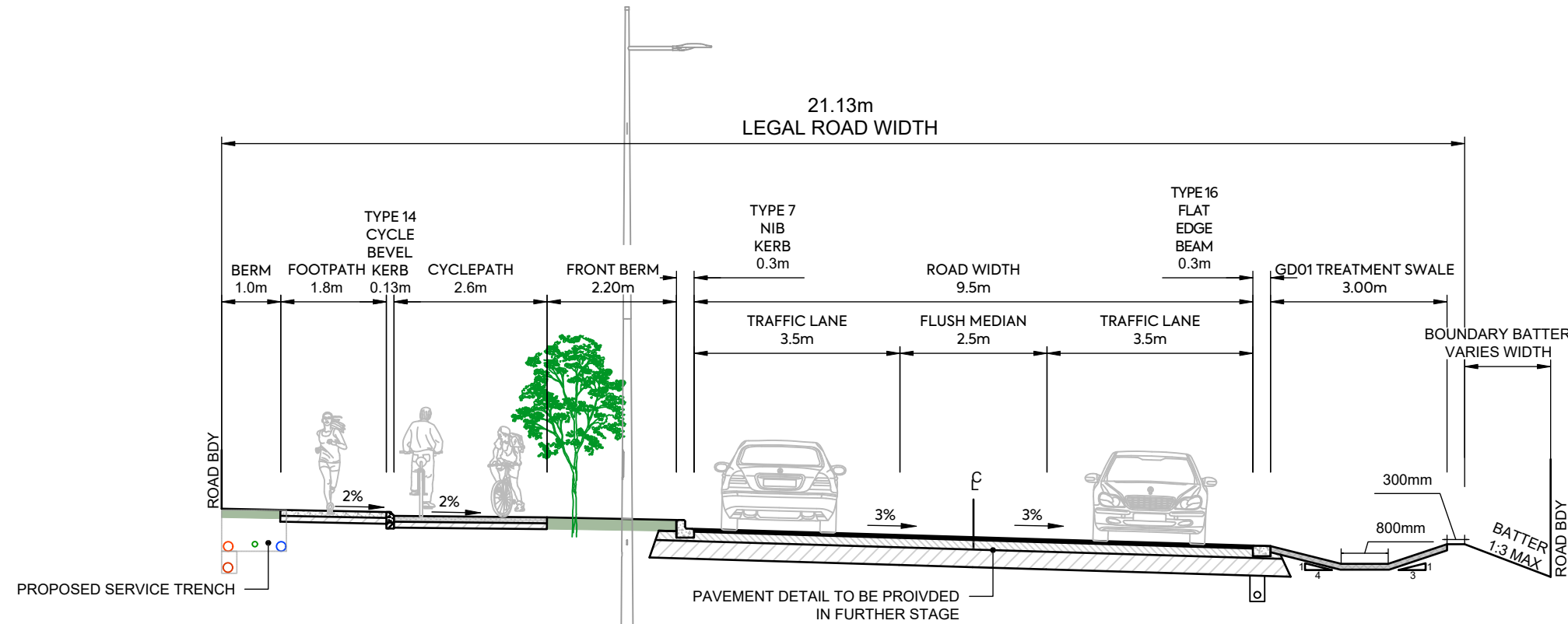
1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
2. GRADE 4 MEMBRANE CHIPSEAL TO BE PLACED (AT 1L/m² OF RESIDUAL BITUMEN) ON BASECOURSE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

NOTES

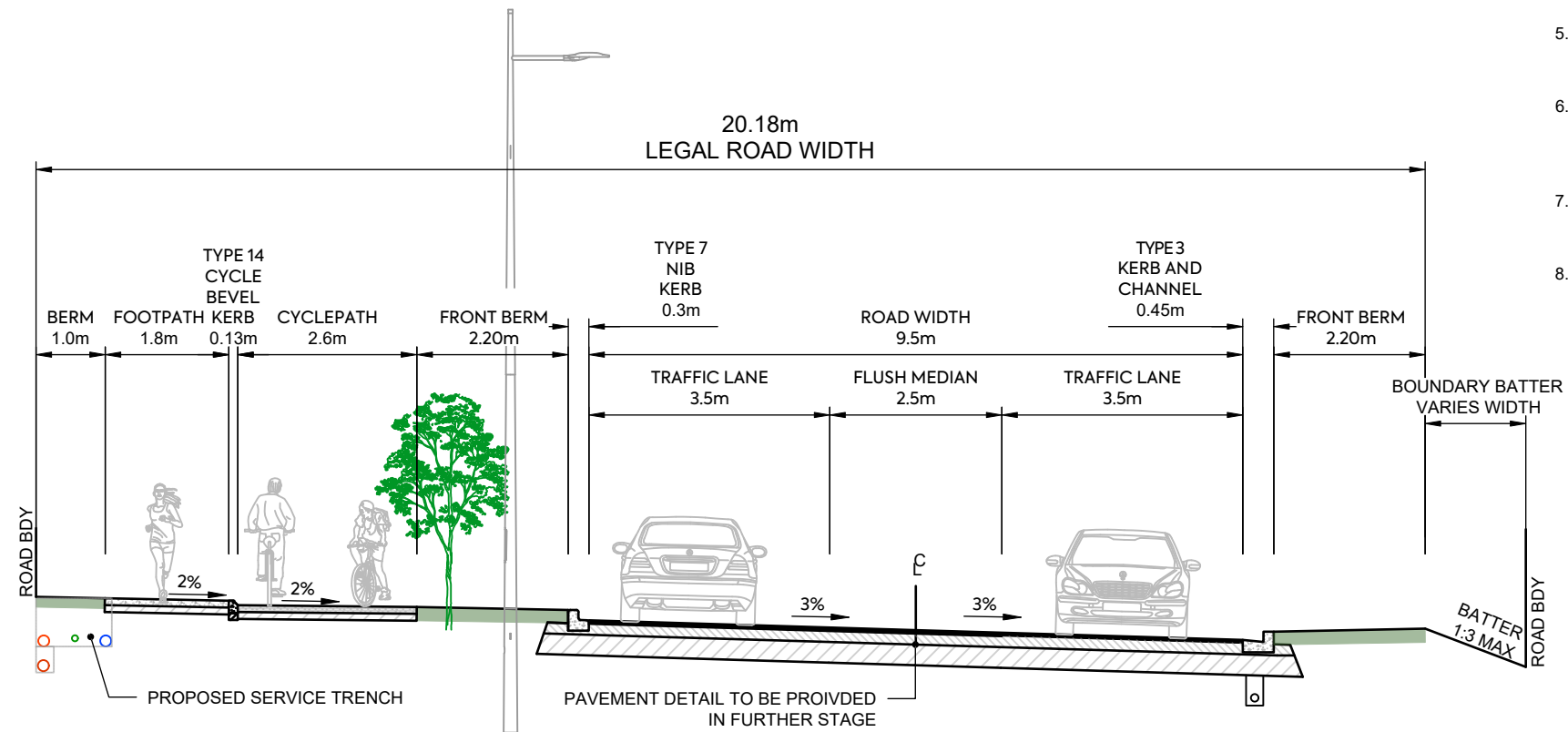
1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
2. GRADE 4 MEMBRANE CHIPSEAL TO BE PLACED (AT 1L/m² OF RESIDUAL BITUMEN) ON BASECOURSE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

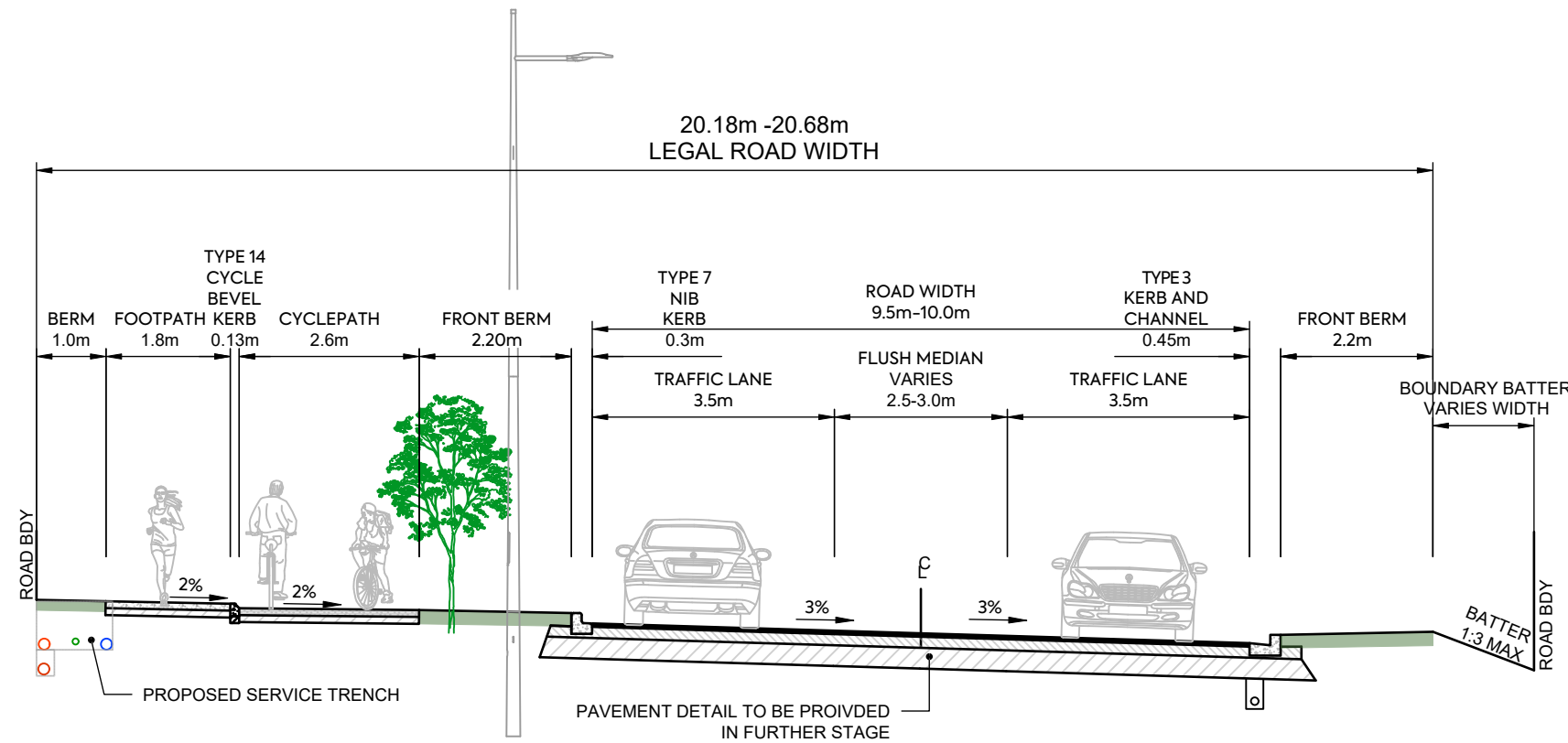
TITLE:
ROADING
TYPICAL CROSS SECTION
SHEET 3

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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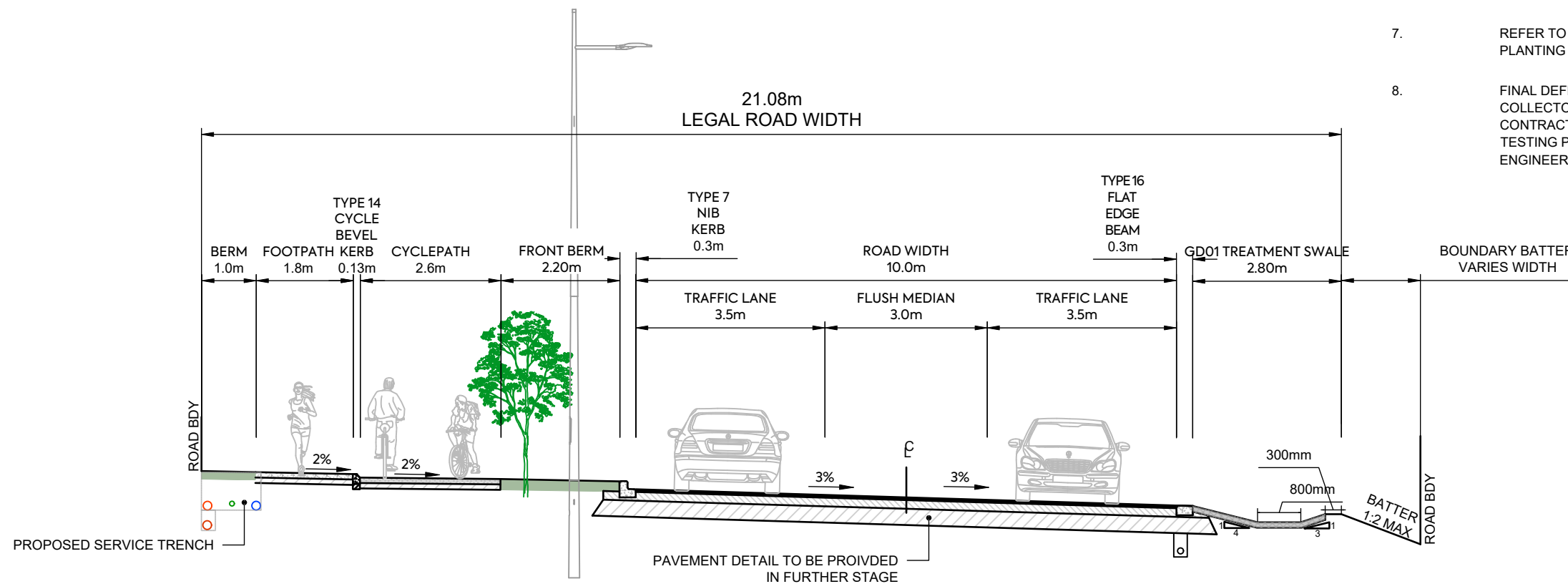
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COLLECTOR ROAD - TYPICAL CROSS SECTION CH465 - CH565

NOTES

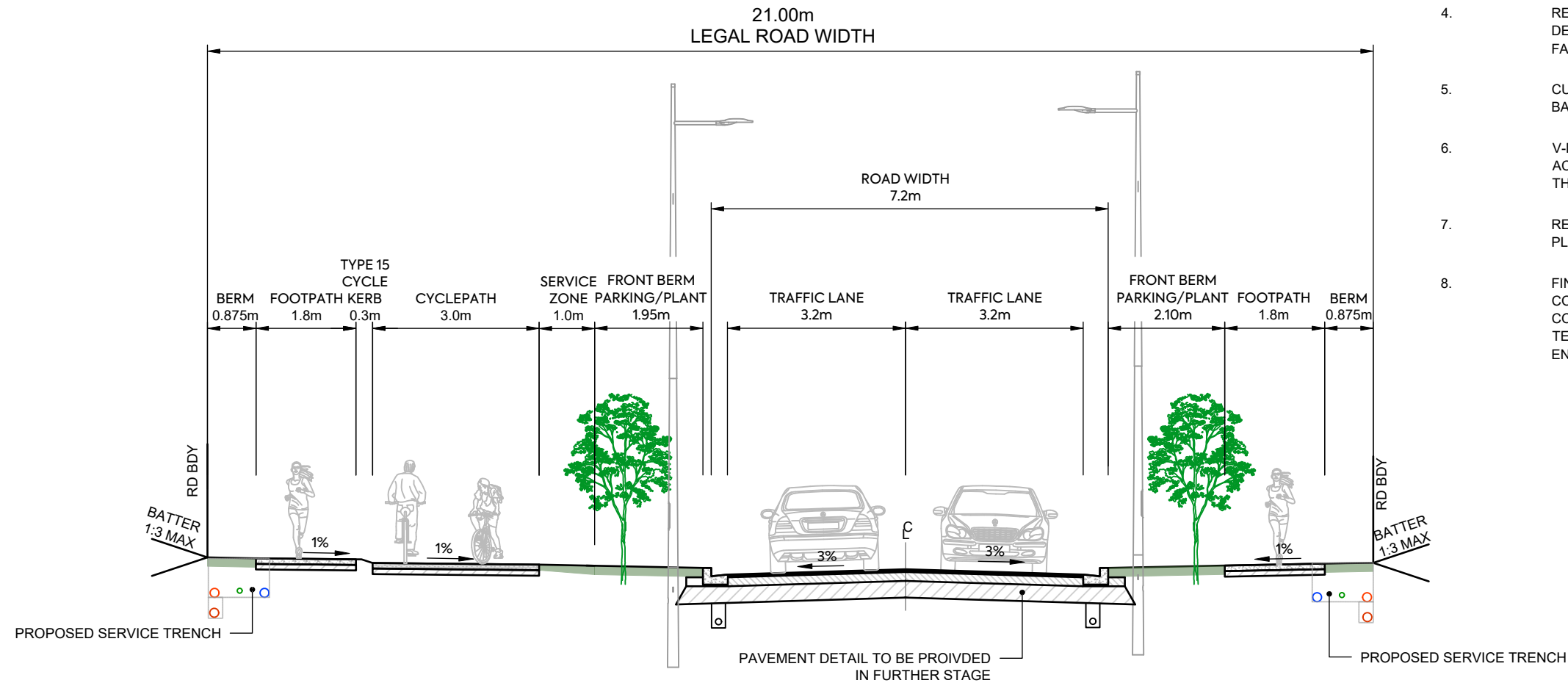
1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
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COLLECTOR ROAD - TYPICAL CROSS SECTION CH565 - CH952

NOTES

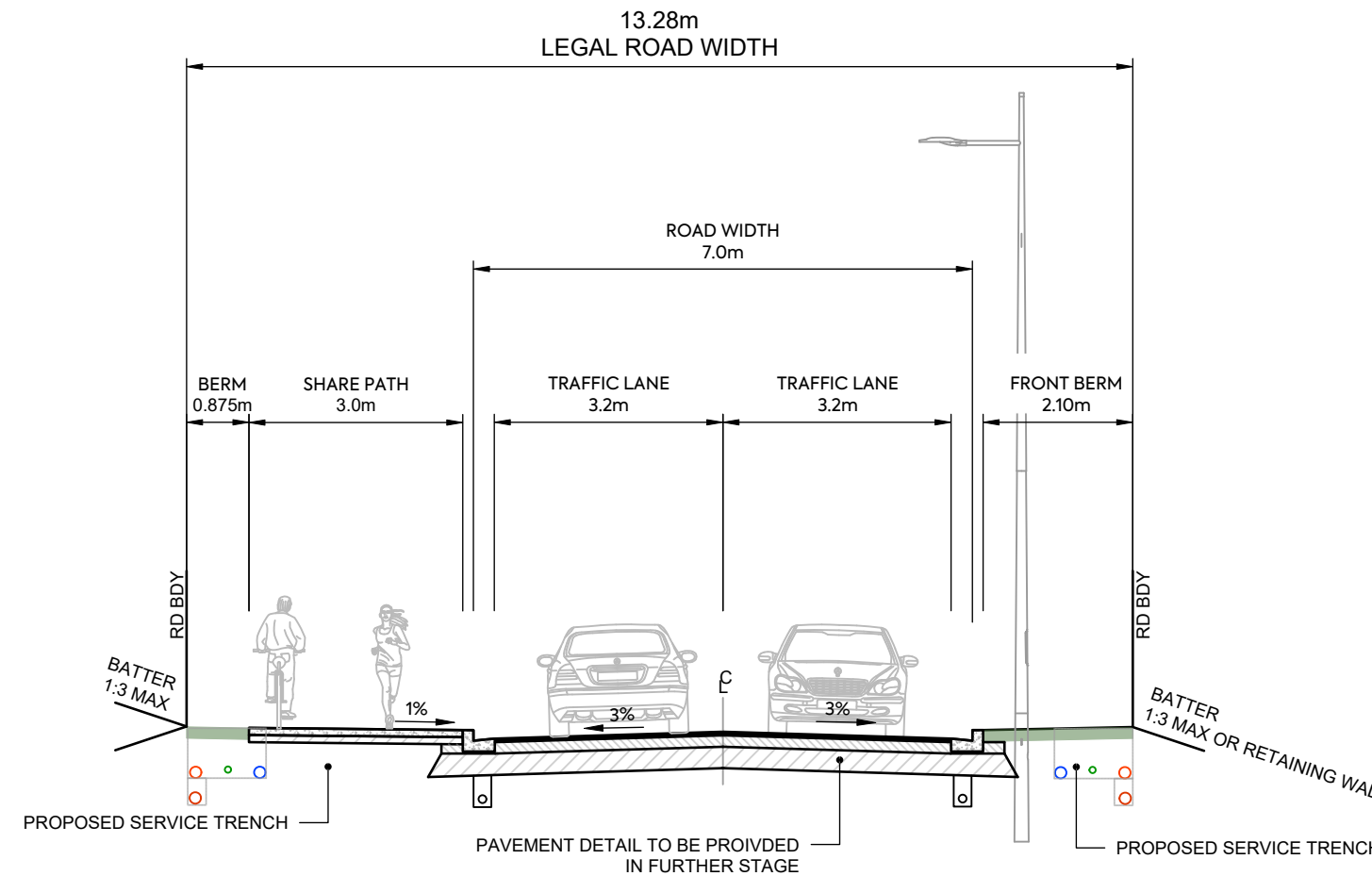
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SPINE ROAD - TYPICAL CROSS SECTION CH0 - CH333

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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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.



SPINE ROAD - TYPICAL CROSS SECTION CH333-370

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

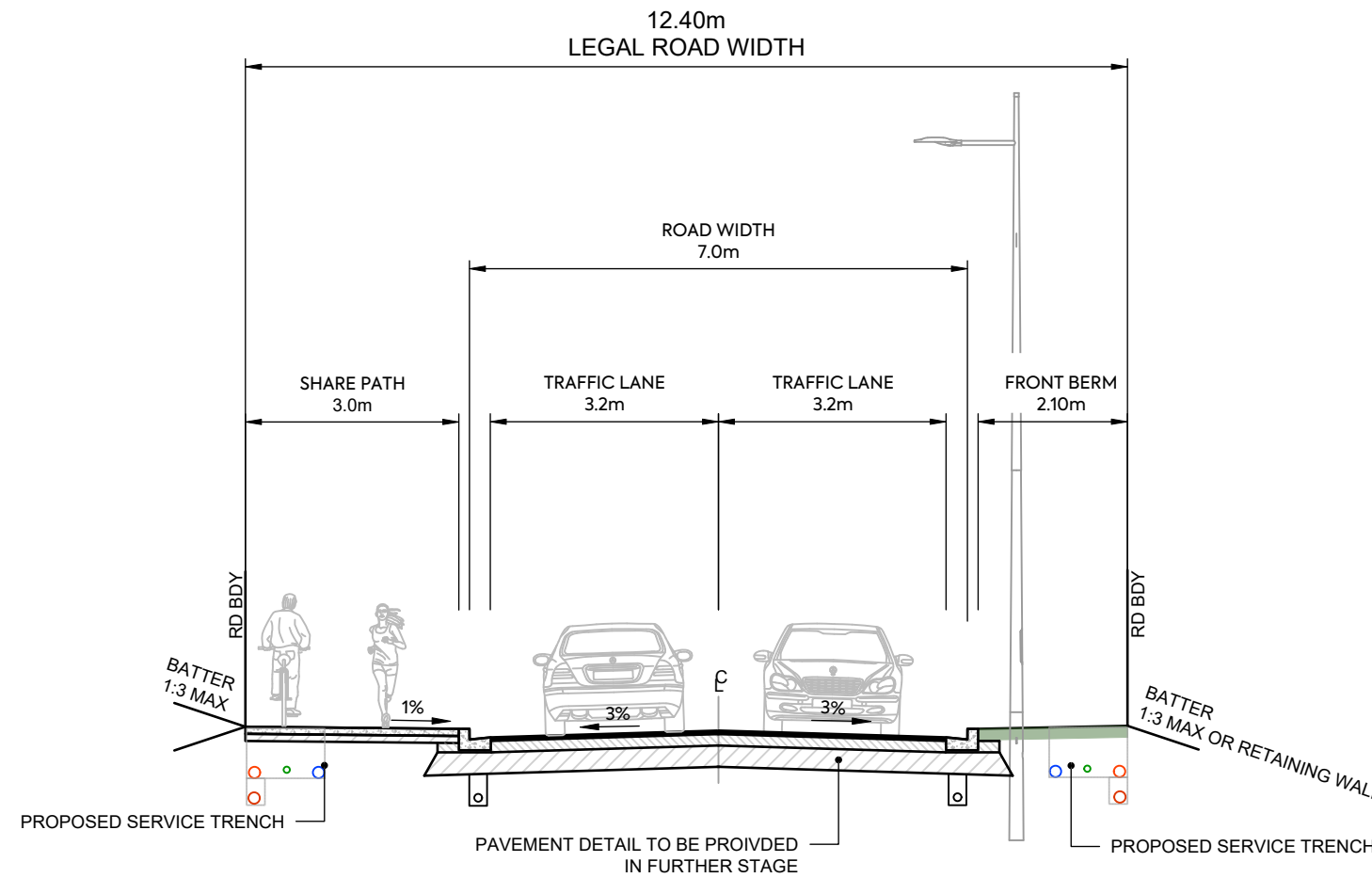
TITLE:
ROADING
TYPICAL CROSS SECTION
SHEET 7

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:100
DO NOT SCALE
DRAWING NO: 3325-2-3606
REV: A

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 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

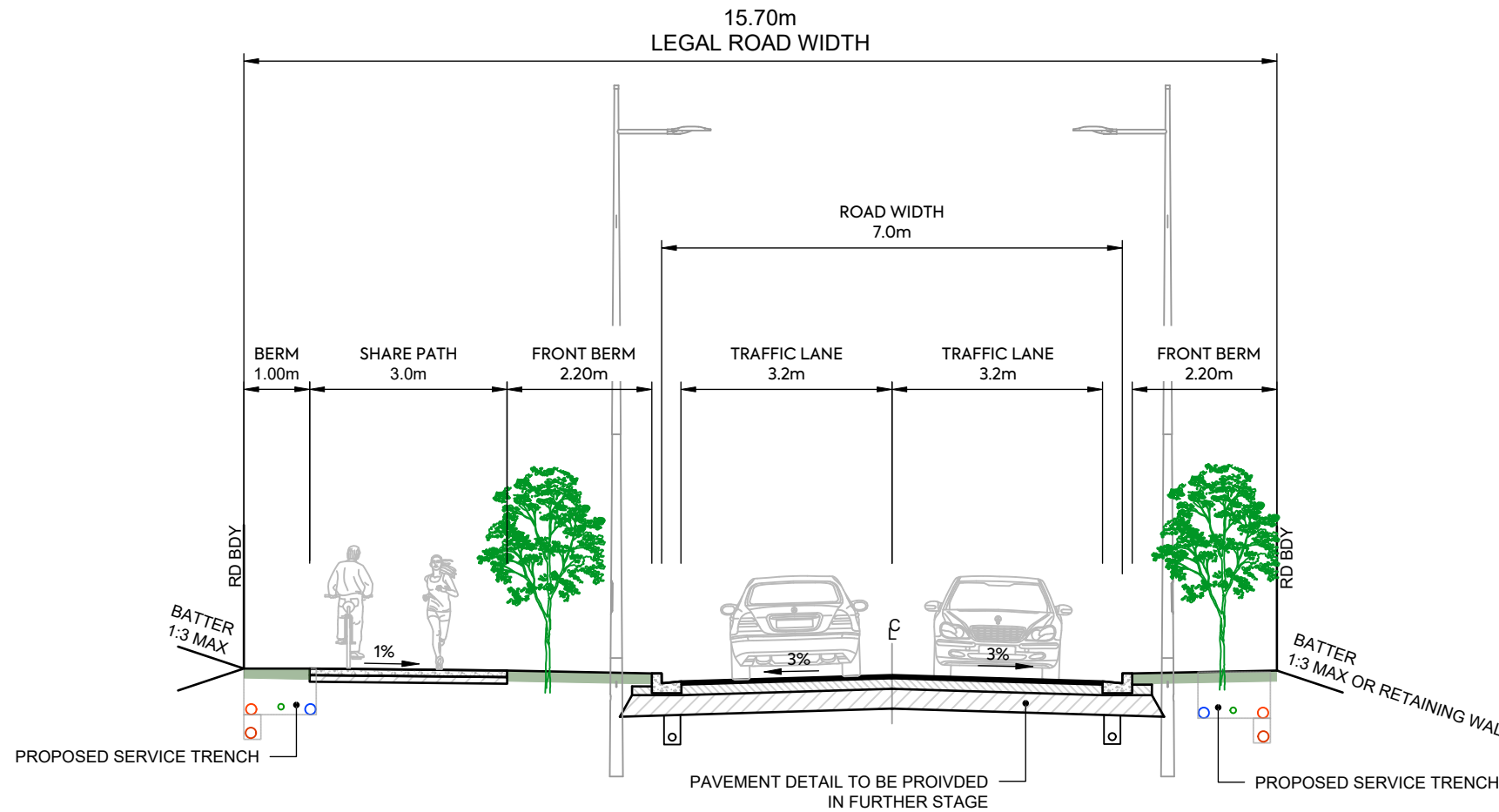
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DO NOT SCALE

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

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 CH421 - CH485



CLIENT:
AW HOLDINGS 2021
LIMITED

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

TITLE:
ROADING
TYPICAL CROSS SECTION
SHEET 9

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

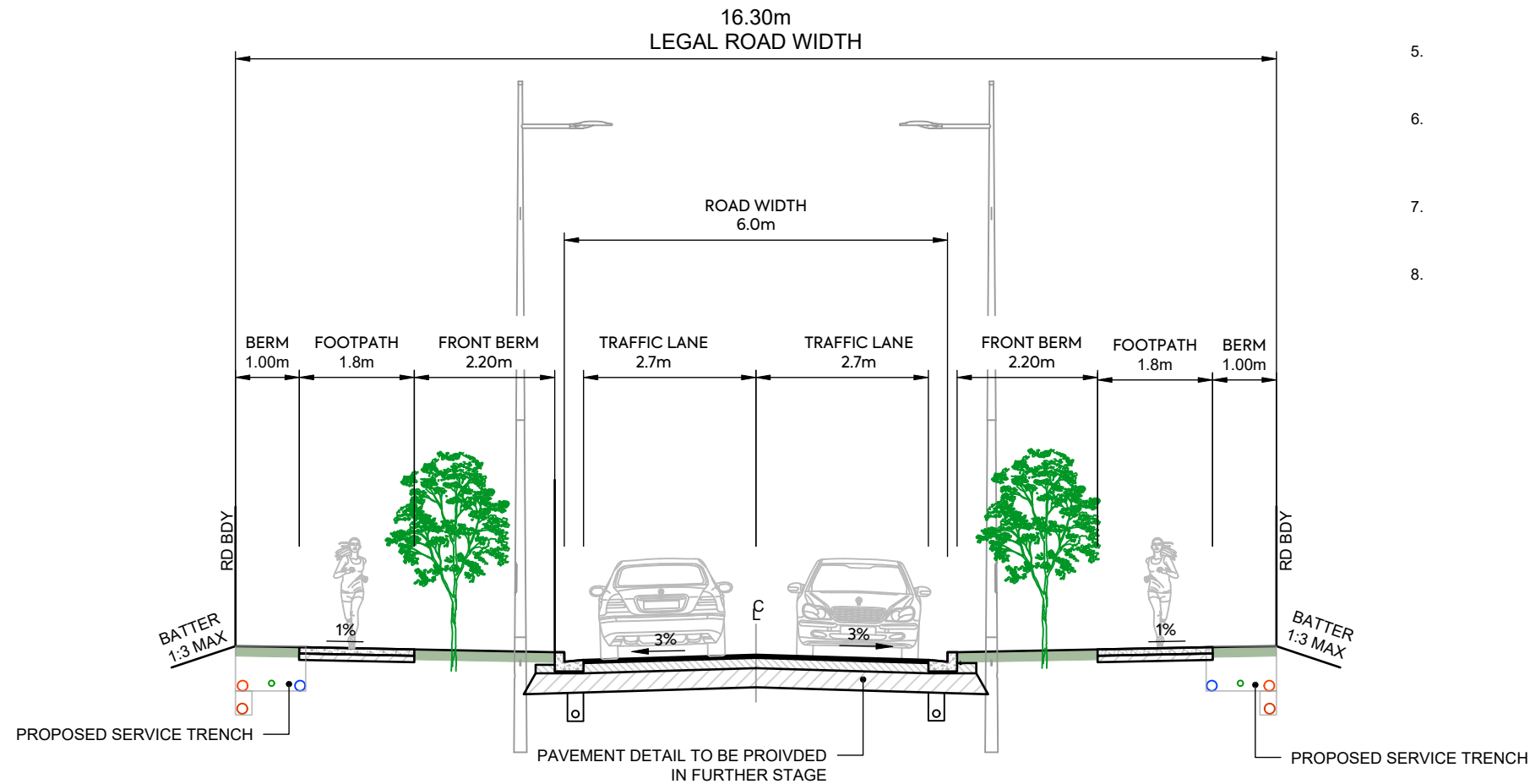
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DO NOT SCALE

DRAWING NO: 3325-2-3608
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.
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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.



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:
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DO NOT SCALE

DRAWING NO:
3325-2-3609

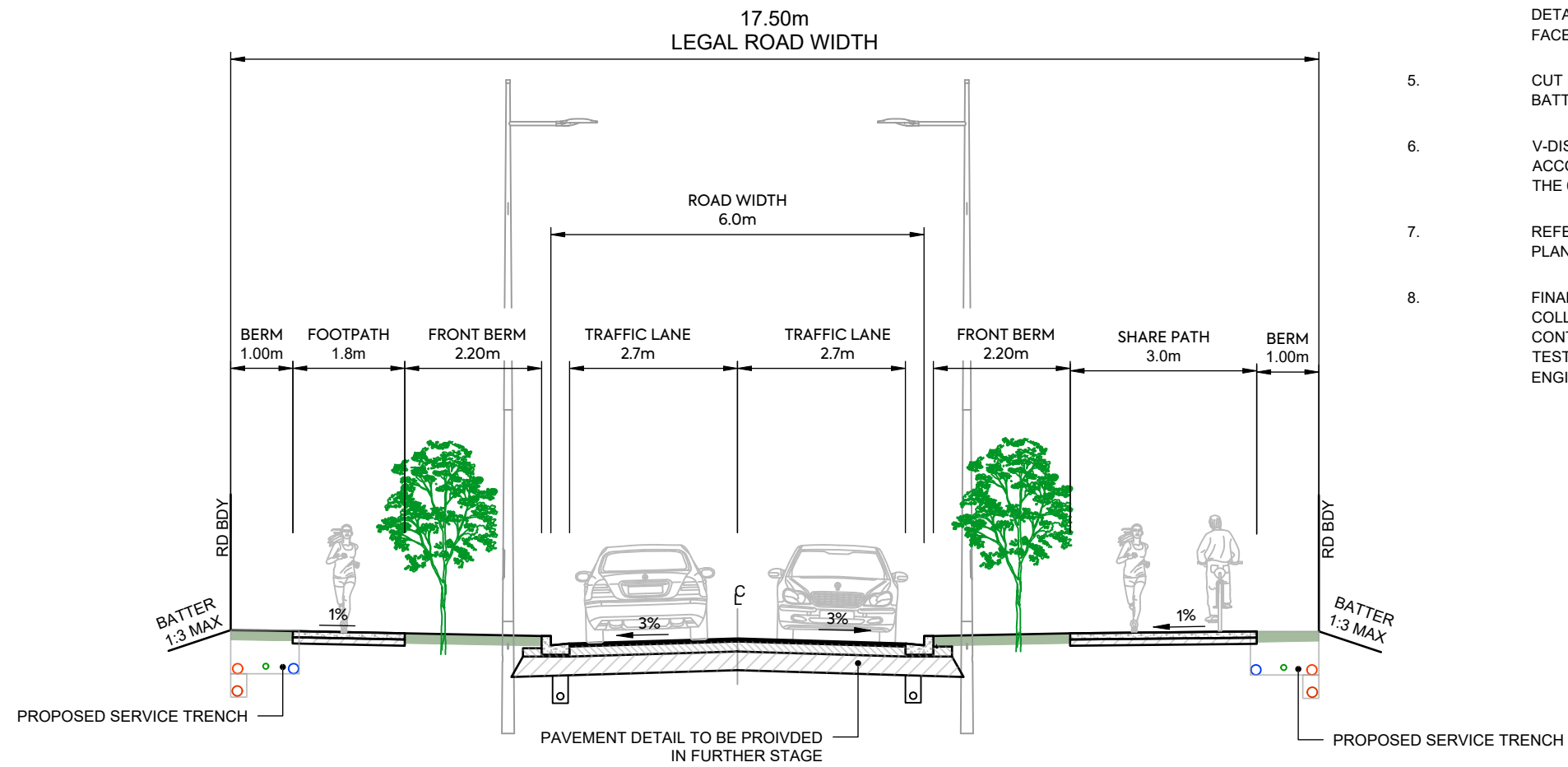
REV:
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REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	ZW	SL	JK	07/11/2025

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.
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SPINE ROAD - TYPICAL CROSS SECTION CH638 - CH875



CLIENT:
AW HOLDINGS 2021
LIMITED

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

TITLE:
ROADING
TYPICAL CROSS SECTION
SHEET 11

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

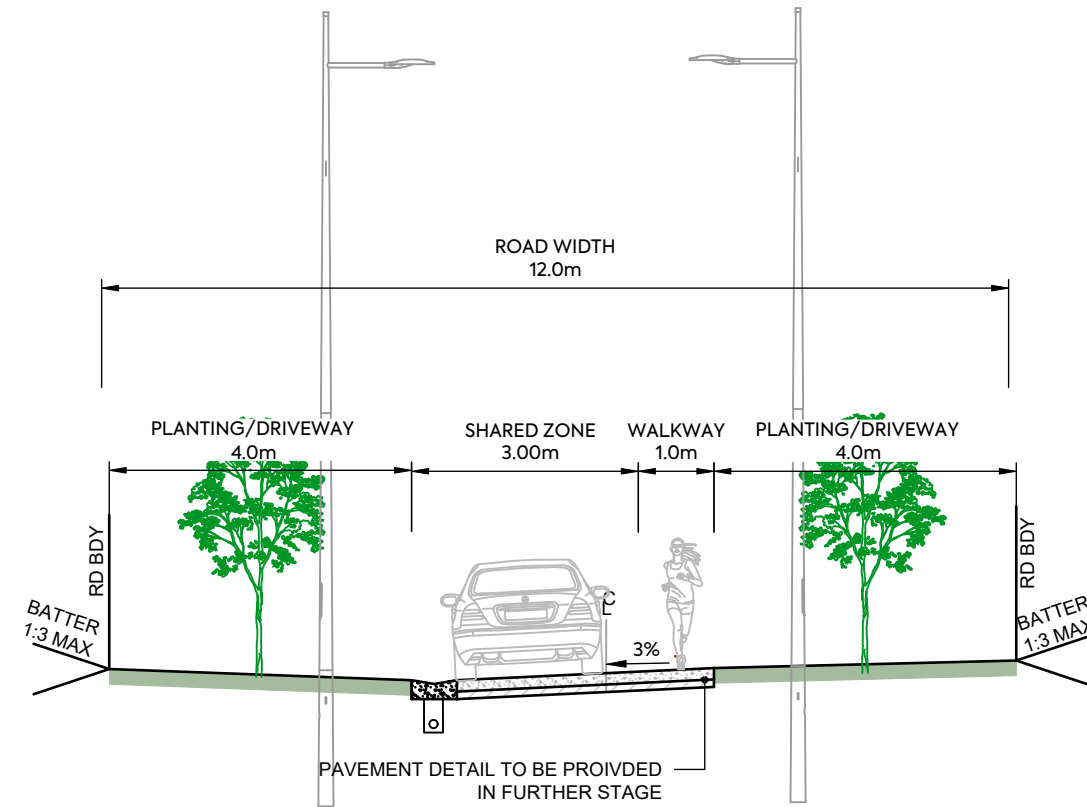
SCALE:
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DO NOT SCALE

DRAWING NO: 3325-2-3610 REV: A

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

NOTES

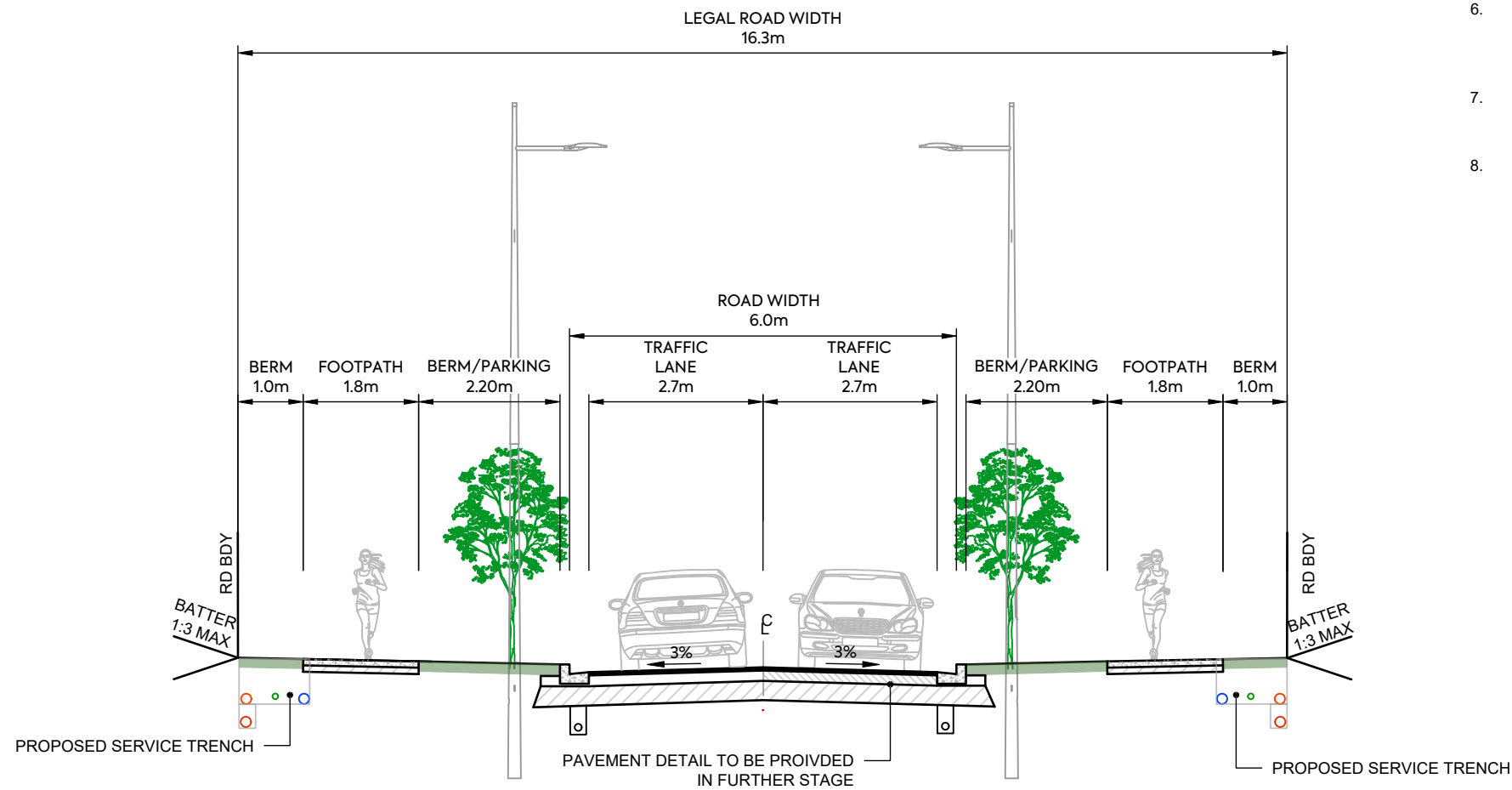
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JOAL - TYPICAL CROSS SECTION

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.
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16.3m LOCAL 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 13

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

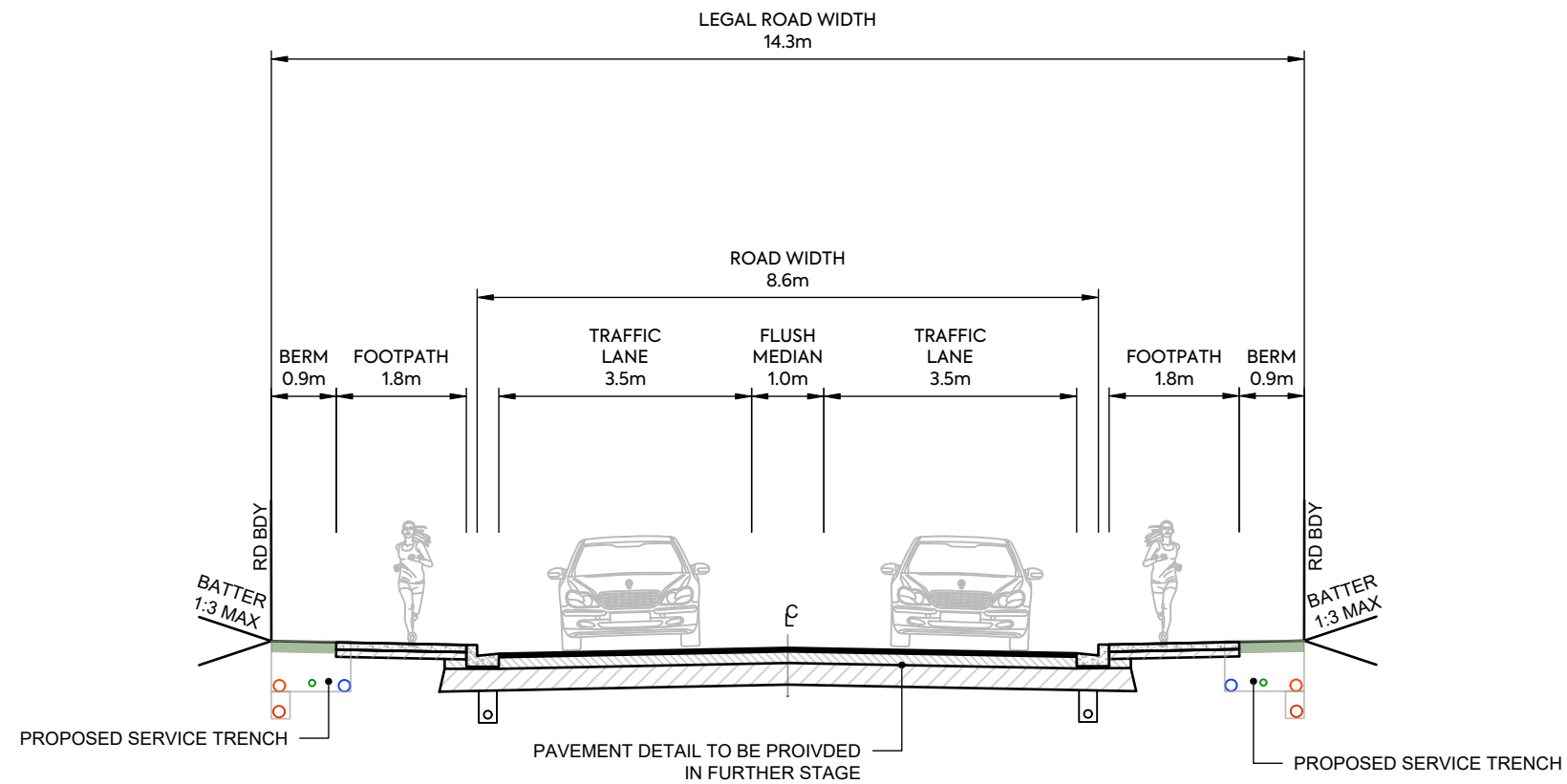
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DO NOT SCALE

DRAWING NO: 3325-2-3612
REV: A

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

NOTES

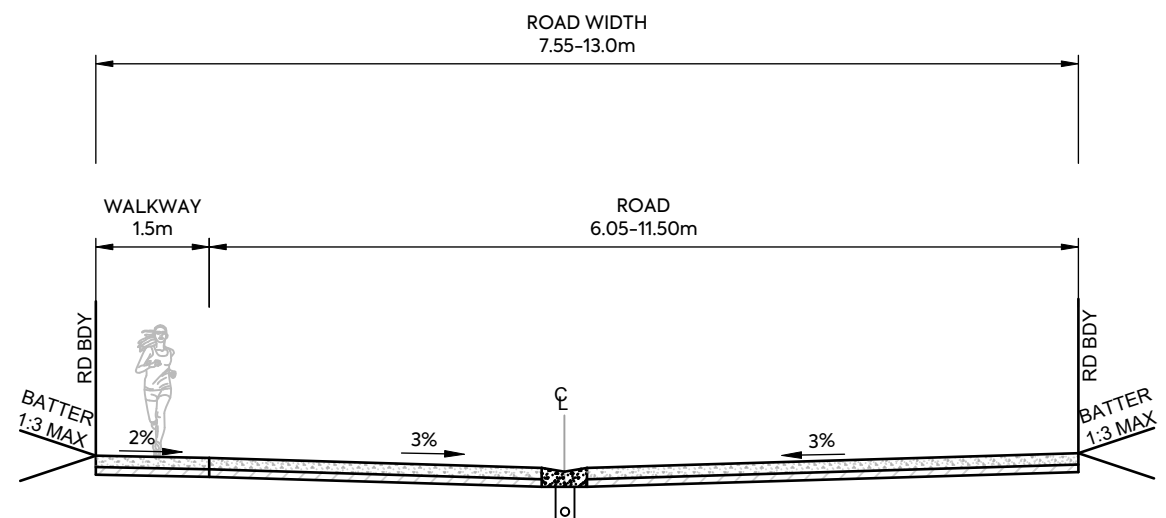
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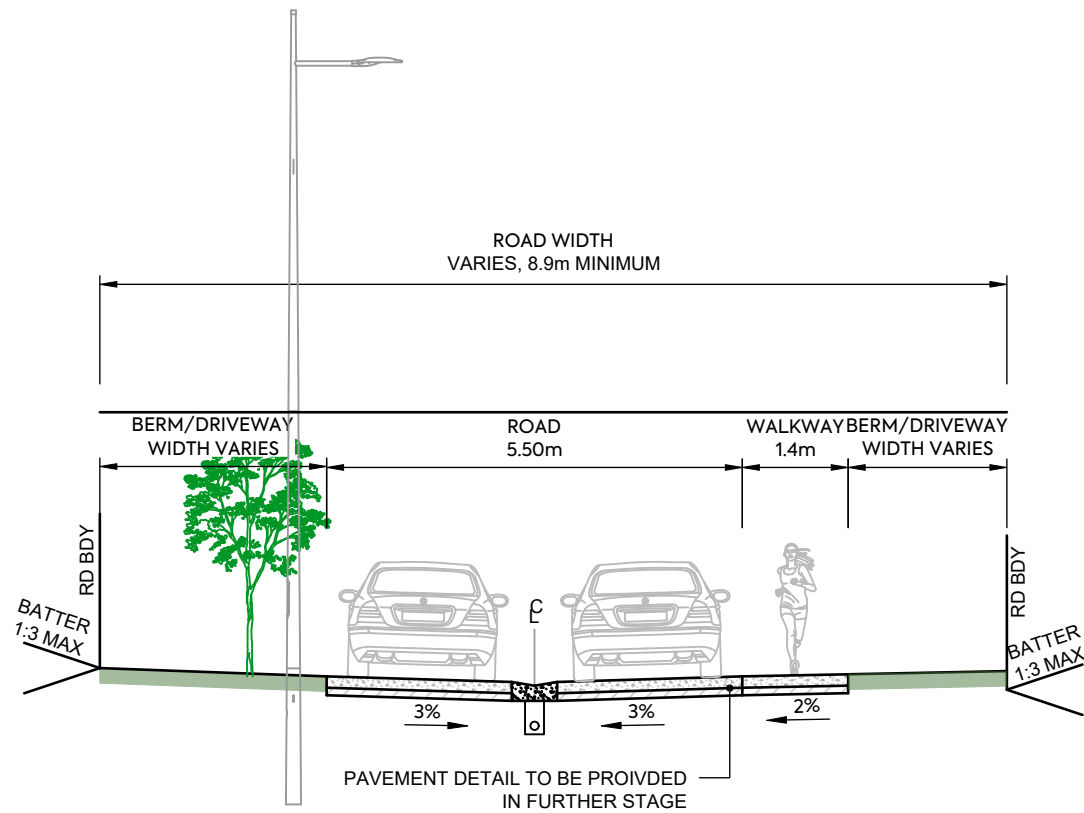
18.6m INDUSTRIAL ROAD SOUTH - TYPICAL CROSS SECTION

NOTES

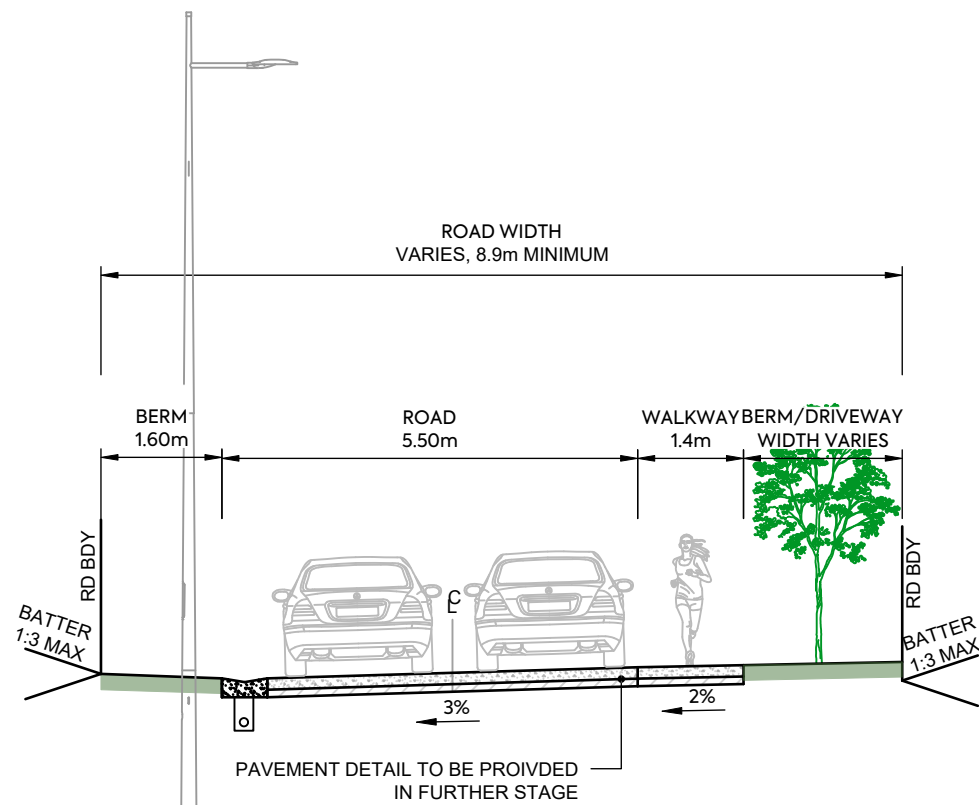
1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
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3. SUBSOIL DRAINAGE TO BE IN ACCORDANCE 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.



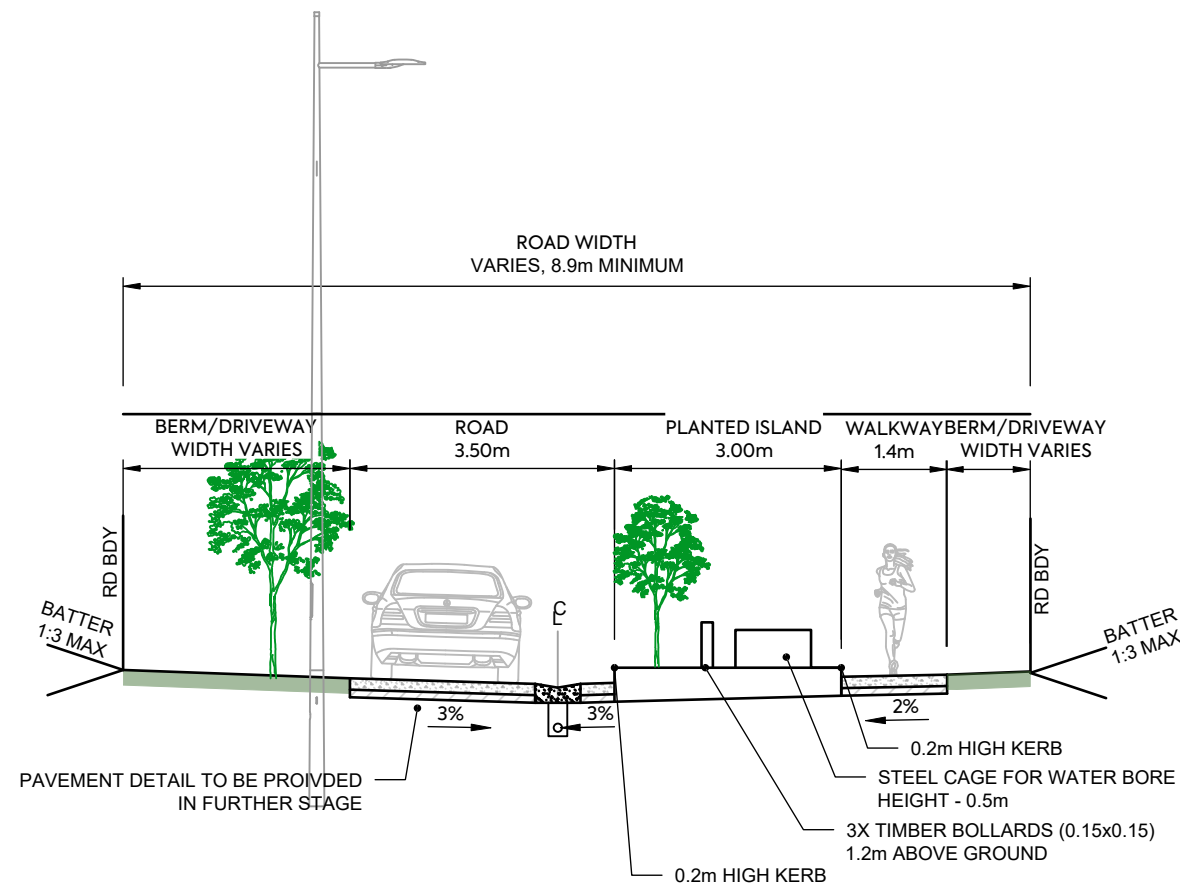
13.0m INDUSTRIAL ROAD EAST- TYPICAL CROSS SECTION



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.
2. GRADE 4 MEMBRANE CHIPSEAL TO BE PLACED (AT 1L/m² OF RESIDUAL BITUMEN) ON BASECOURSE PRIOR TO ASPHALT SURFACING.
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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 16

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

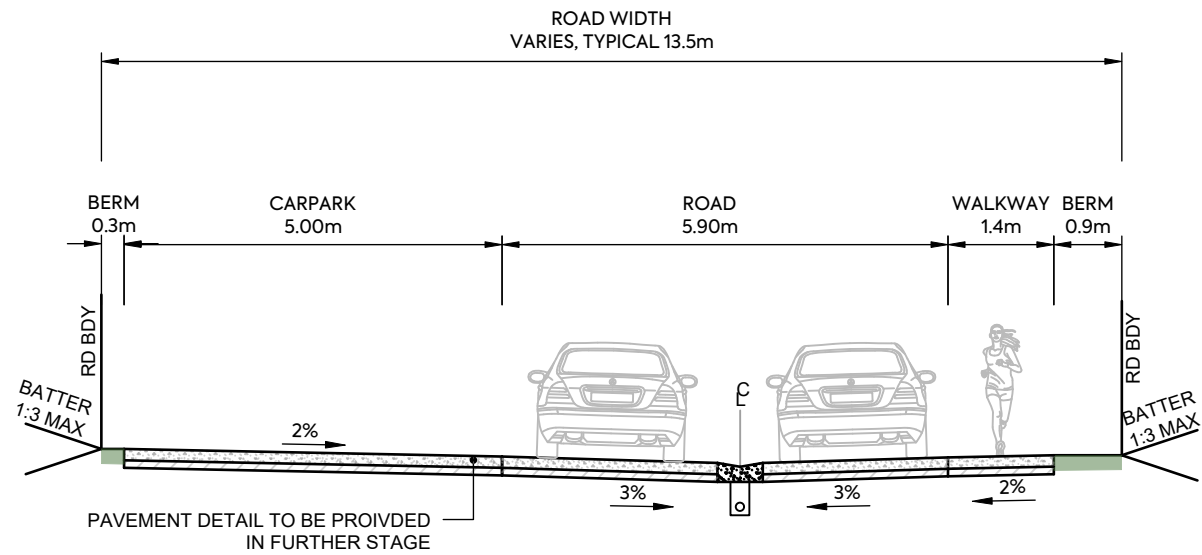
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DRAWING NO:
3325-2-3615

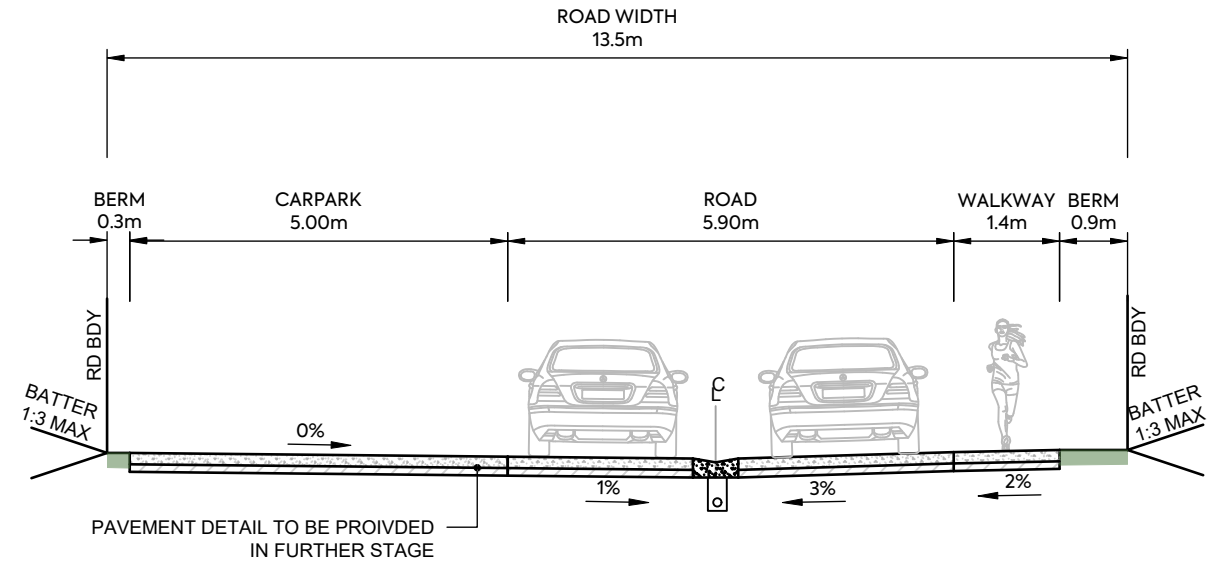
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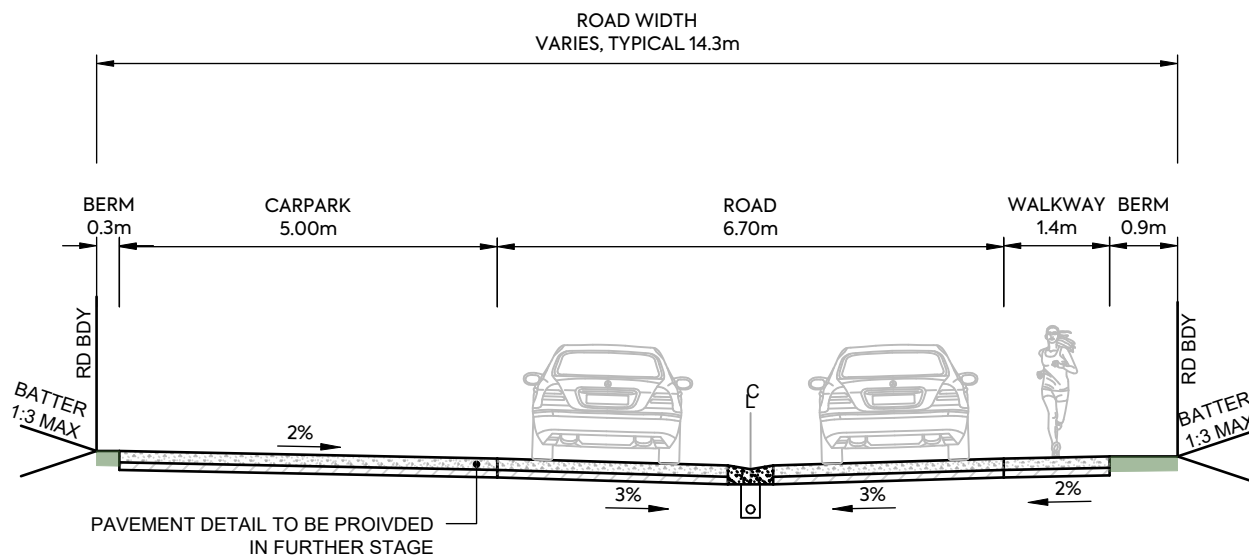
A FIRST ISSUE ZW SL JK 07/11/2025
REV DESCRIPTION DRN BY CHK BY APP BY DATE



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.
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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

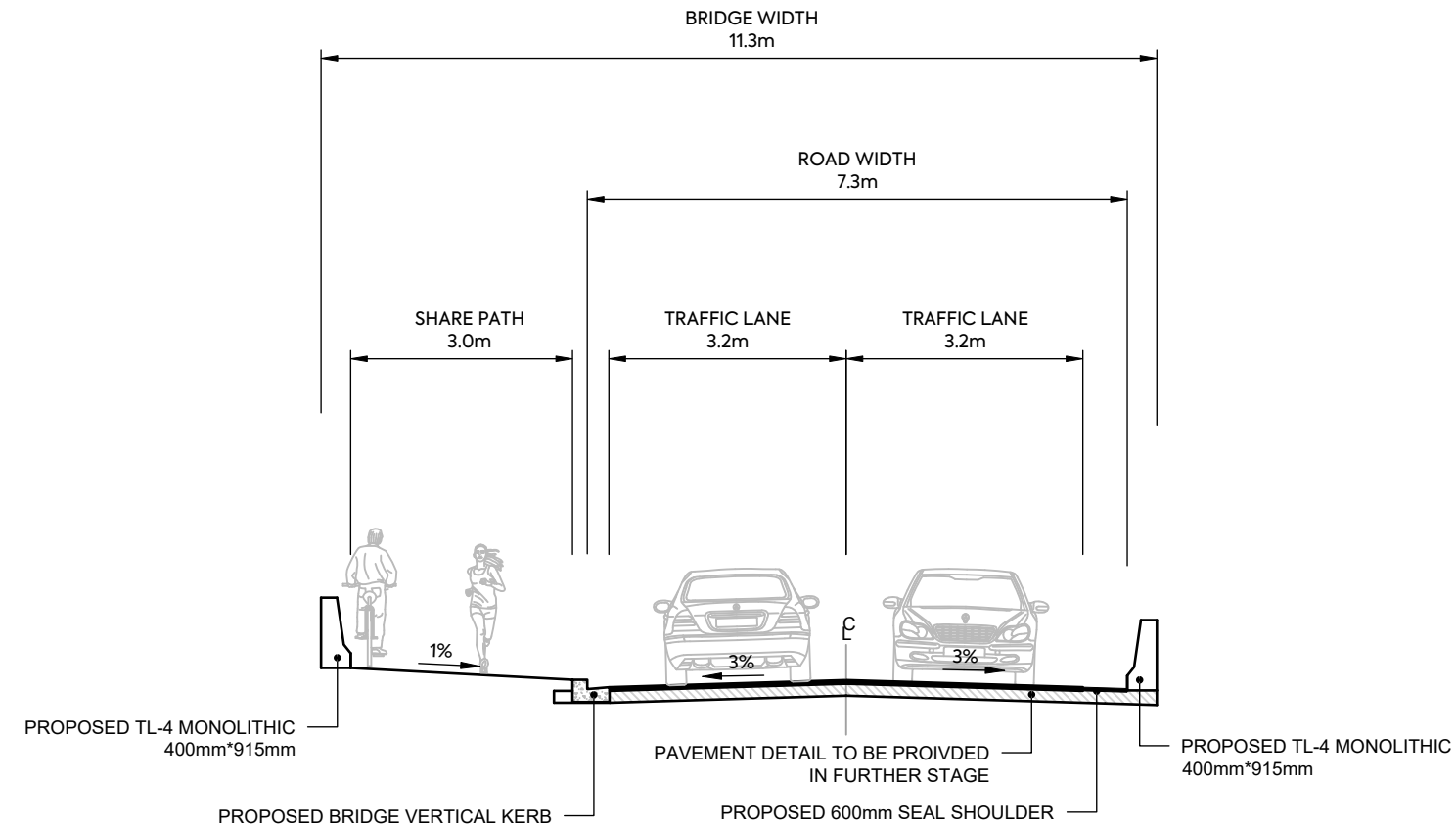


A FIRST ISSUE ZW SL JK 07/11/2025

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.
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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

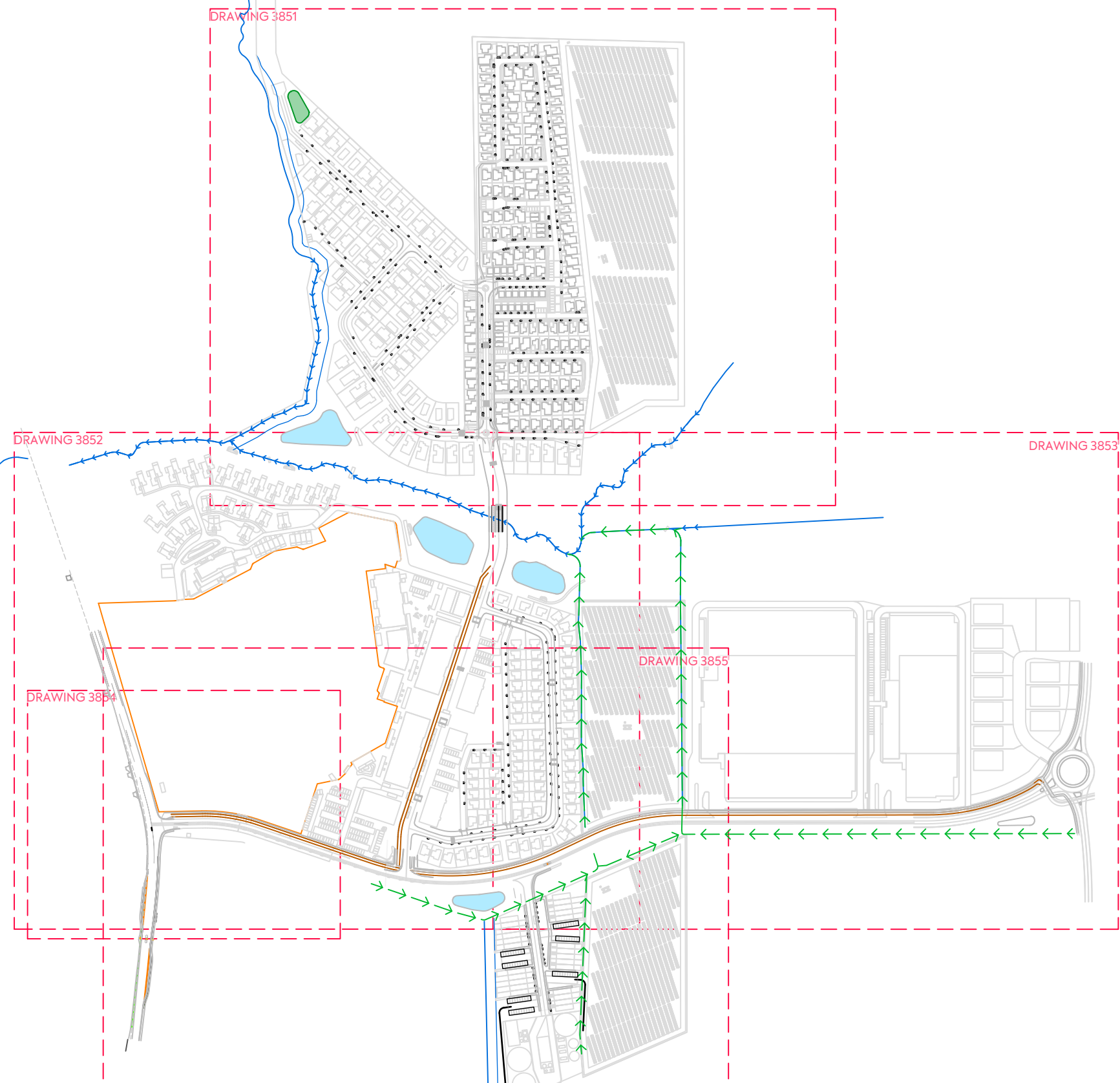
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DRAWING NO:
3325-2-3617

REV:
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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
RUBBISH BIN LOCATION
OVERALL PLAN

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:5000
DO NOT SCALE

DRAWING NO:
3325-2-3850

REV:
B



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

SCALE:

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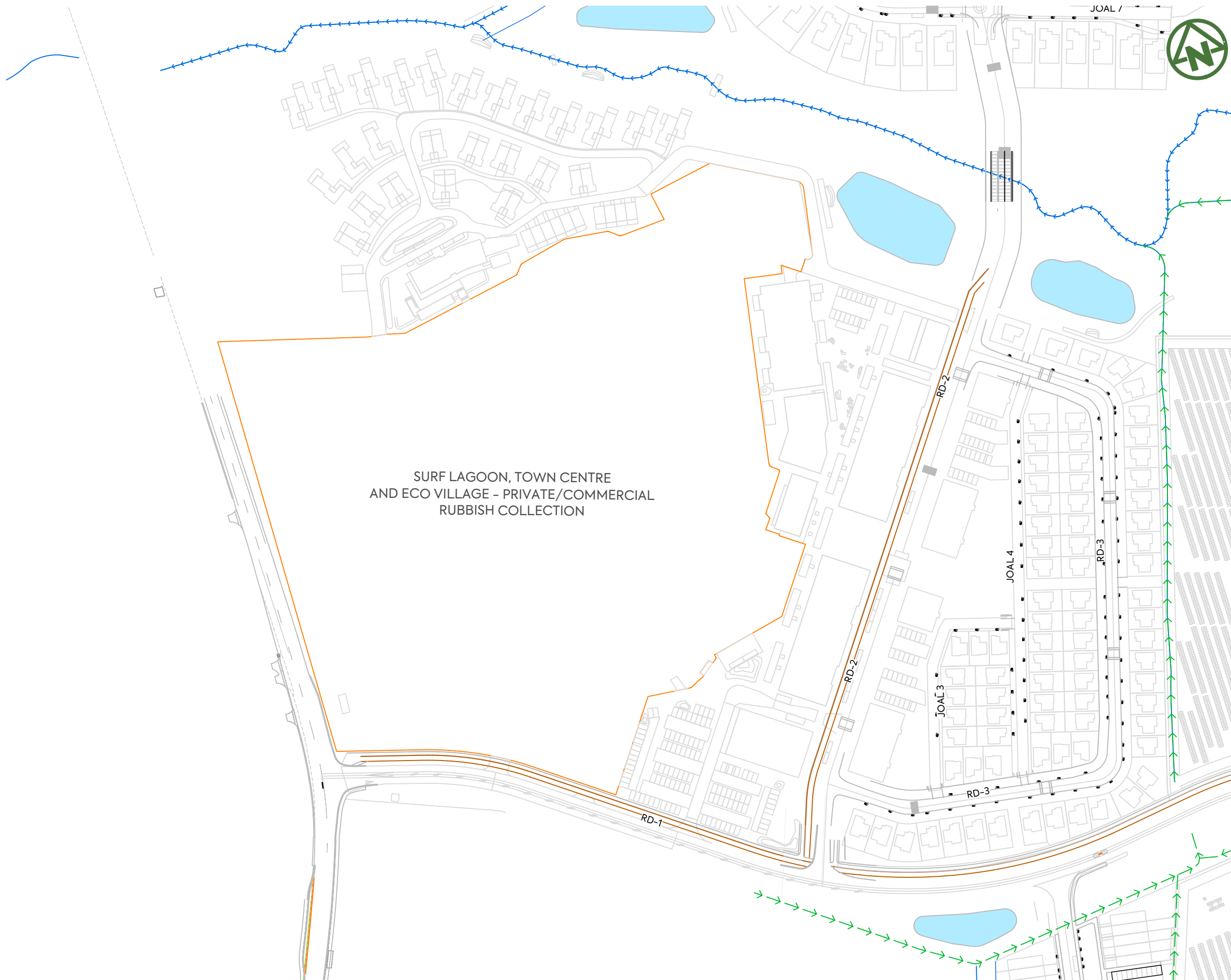
3325-2-3851

REV:

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A	FIRST ISSUE				23/12/25

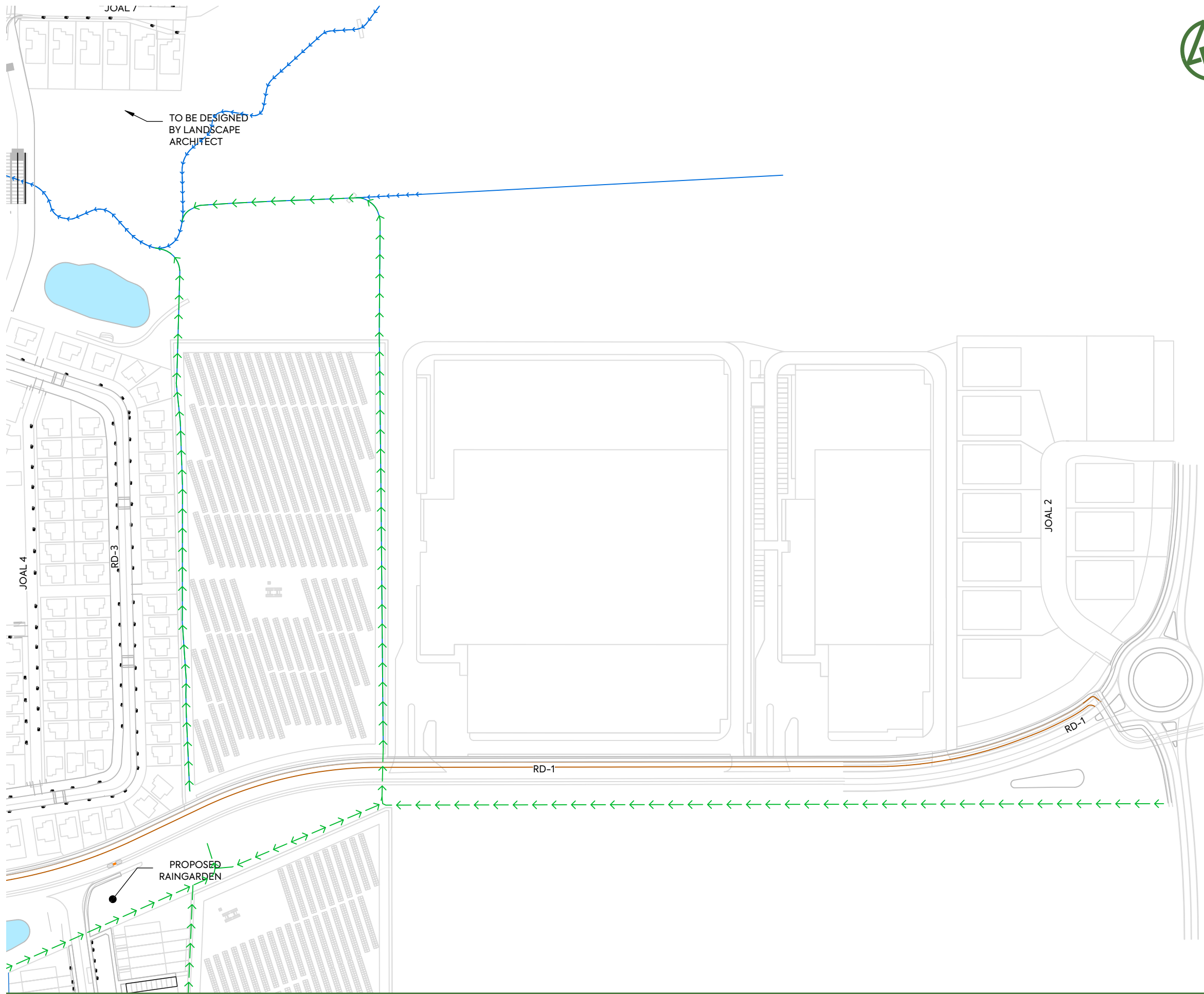


SURF LAGOON, TOWN CENTRE
AND ECO VILLAGE - PRIVATE/COMMERCIAL
RUBBISH COLLECTION

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		



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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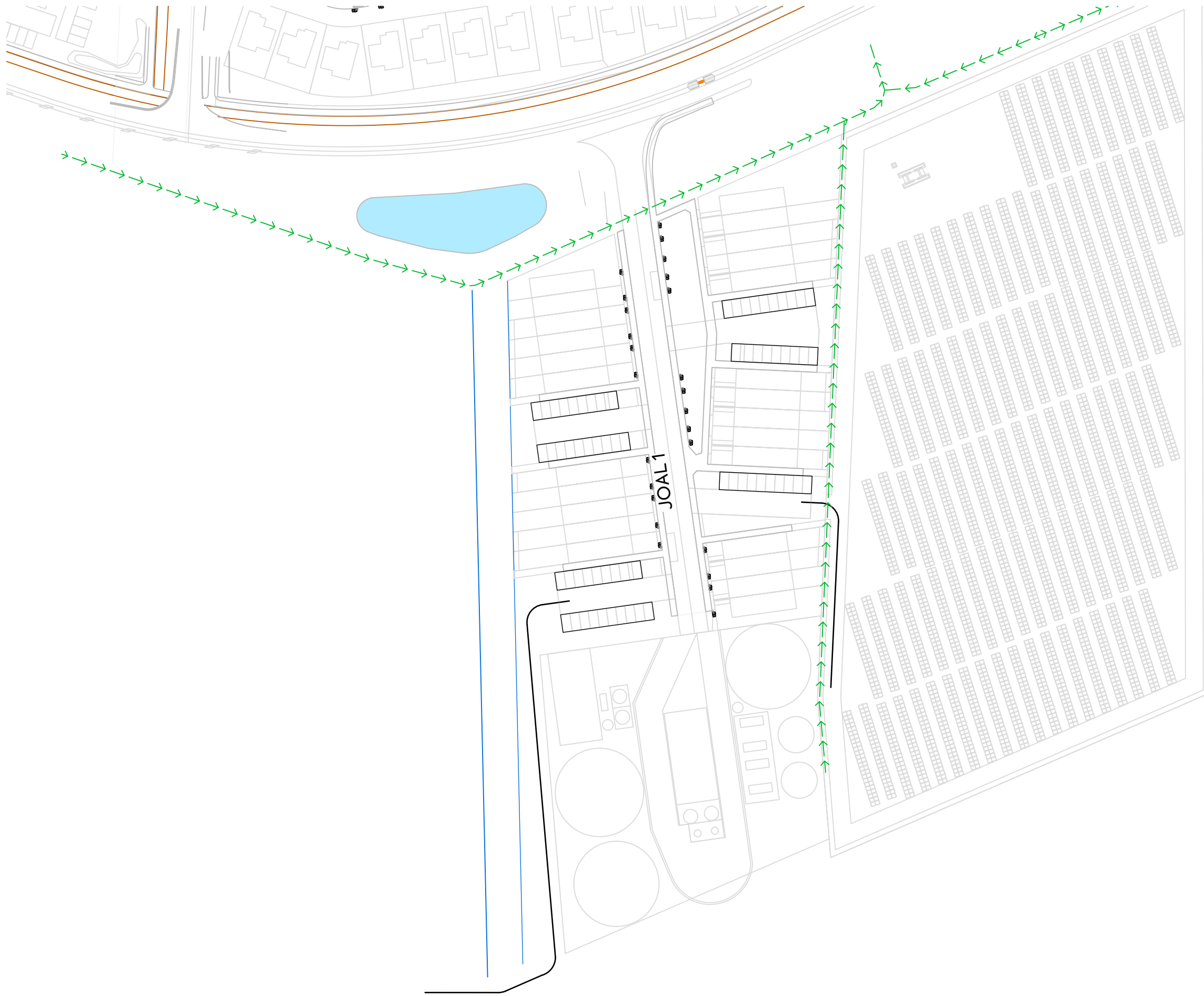
3325-2-3853

REV:

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

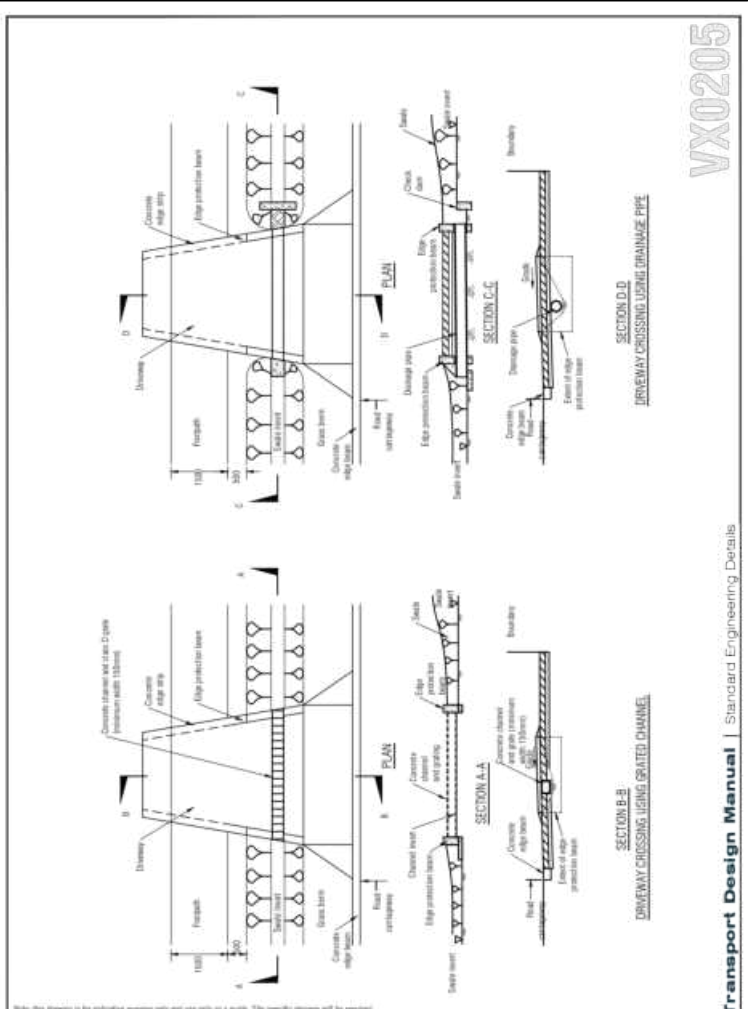
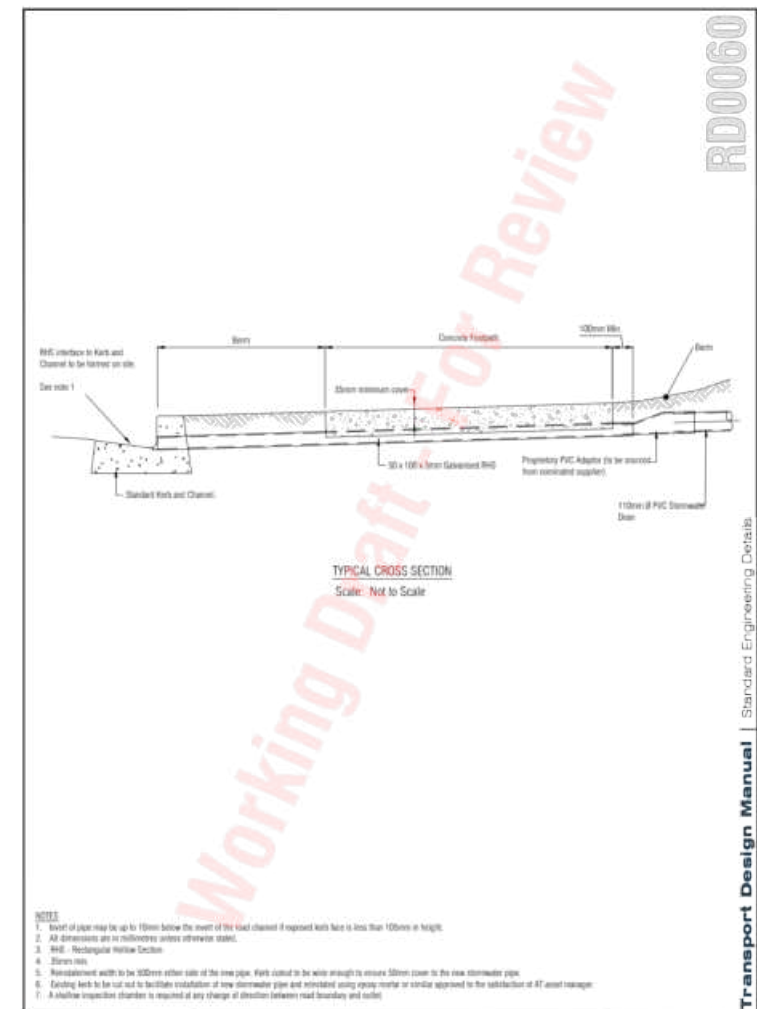
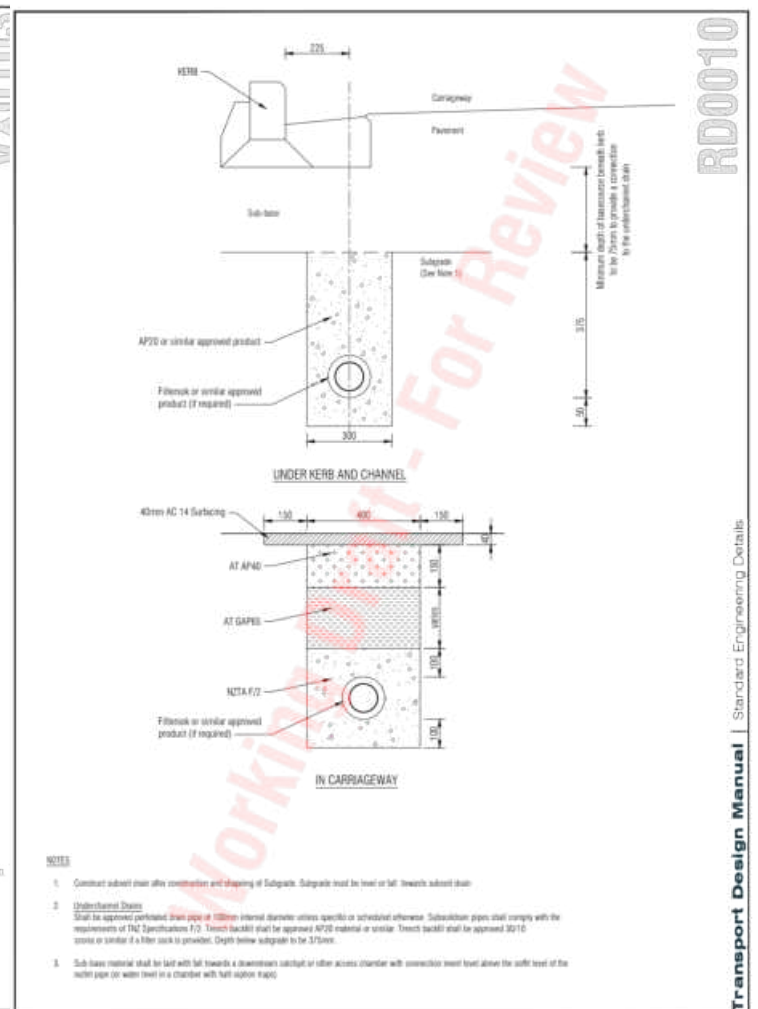
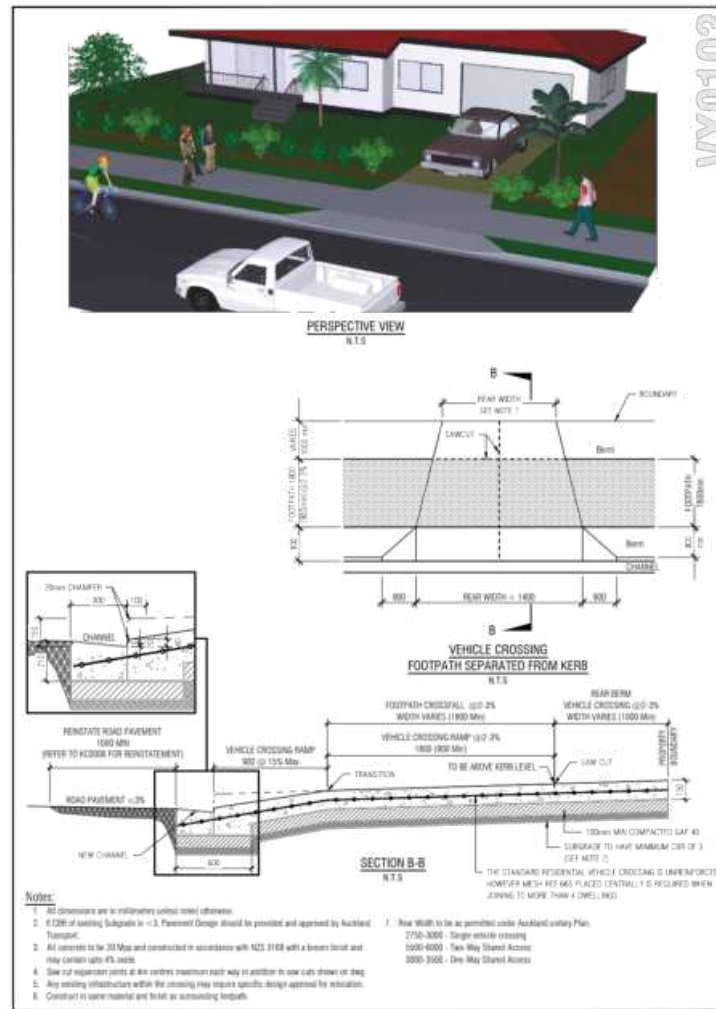
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DRAWING NO:
3325-2-3855

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

Review 1

TDM TECHNICAL STANDARDS
Subsoil drain

Document in Review
RD0010 B

Review 1

TDM TECHNICAL STANDARDS
Kerb discharge

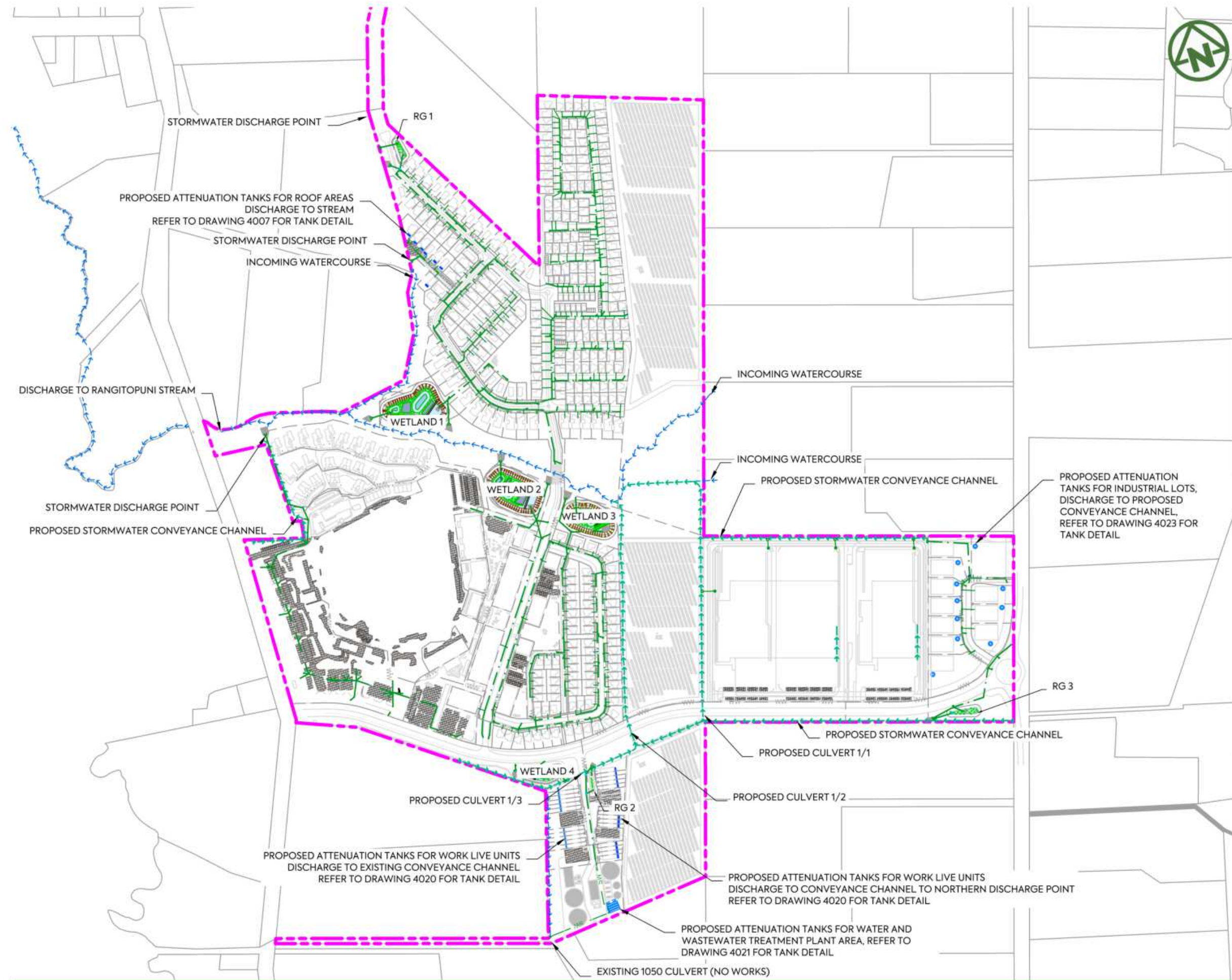
Document in Review
RD0060 A

TDM TECHNICAL STANDARDS
Typical commercial driveway crossing through a swale

20/05/2021
VX0205 A

APPROVED

CLIENT:	PROJECT:	TITLE:	PURPOSE OF ISSUE:
AW HOLDINGS 2021 LIMITED	AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	ROADING STANDARD DETAILS	FOR RESOURCE CONSENT
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DRAWING NO: 3325-2-3900			A

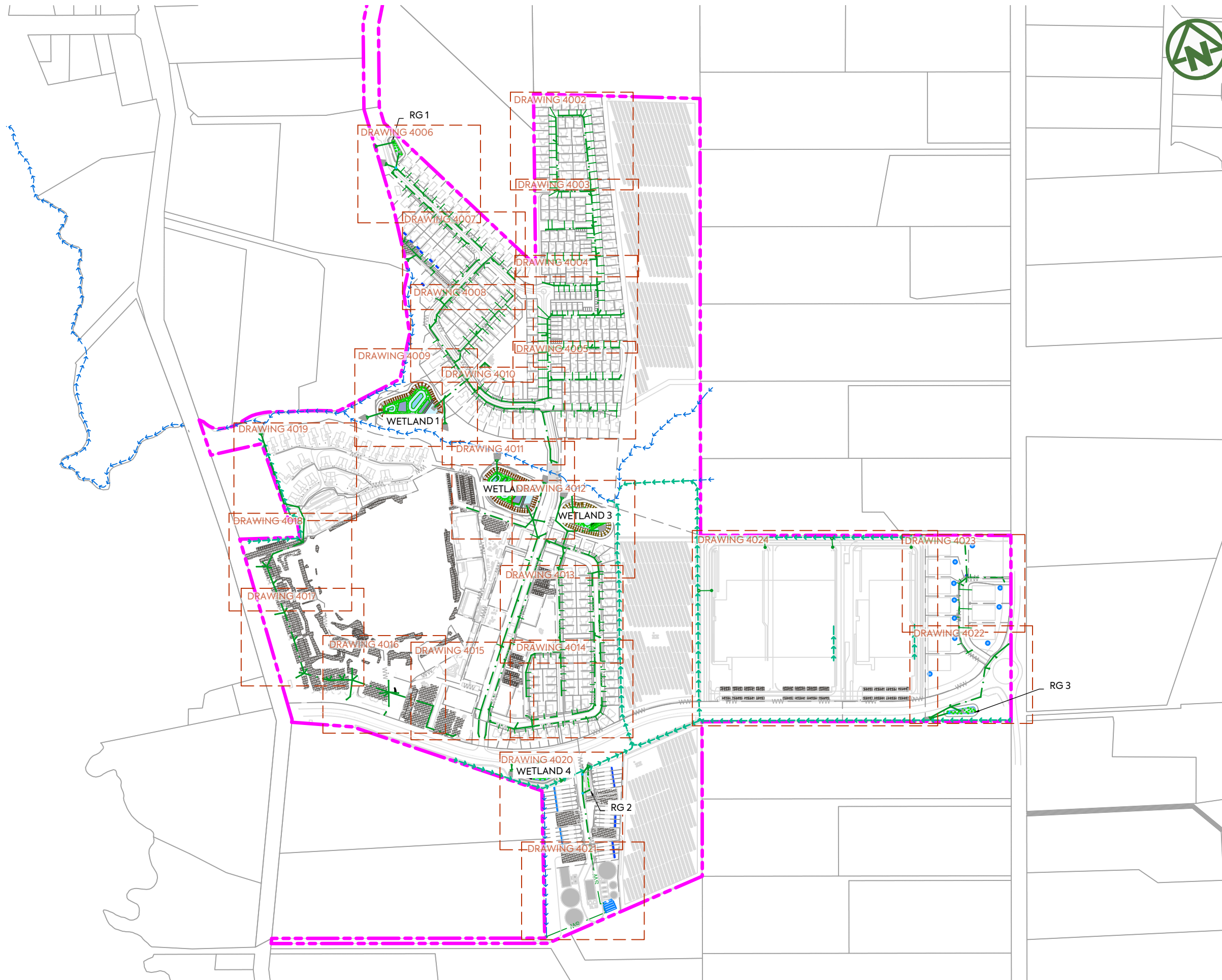


- NOTES:**
1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
 2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
 3. THESE DRAWINGS DO NOT NECESSARILY SHOW ALL EXISTING SERVICES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY LOCATE AND PROJECT ALL EXISTING SERVICES DURING THE CONSTRUCTION PROCESS.
 4. REFER TO DRAWING 435 FOR OUTLET PROTECTION DETAILS
 5. REFER TO DRAWINGS 430-433 FOR CULVERT DETAILS.
 6. REFER TO DRAWINGS 450-452 FOR Q100 PRE- DEVELOPMENT CATCHMENTS.
 7. REFER TO DRAWINGS 455-457 FOR Q100 POST- DEVELOPMENT CATCHMENTS.
 8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

- LEGEND:**
- SITE BOUNDARY
 - FUTURE LOT BOUNDARY
 - PROPOSED STORMWATER
 - PROPOSED LOW PRESSURE WASTEWATER
 - PROPOSED STORMWATER MANHOLE
 - PROPOSED STORMWATER CATCHPIT
 - PROPOSED STORMWATER HEADWALL
 - STORMWATER LOT CONNECTION
 - STREAM
 - PROPOSED SWALE
 - PROPOSED CONSTRUCTED WETLAND
 - PROPOSED RAINGARDEN
 - PROPOSED PERVIOUS PAVERS

<p>MCKENZIE & CO.</p> <p>AL SL JK 13/01/26 AL SL JK 07/11/25</p> <p>REV DESCRIPTION DRN BY CHK BY APP BY DATE</p> <p>B DRAWING UPDATED A FIRST ISSUE</p>	<p>CLIENT: AW HOLDINGS 2021 LIMITED</p> <p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: STORMWATER OVERALL PLAN</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p> <p>SCALE: 1:5000</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 3325-2-4000 REV: B</p>
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PLOT DATE: 2026-01-30 09:52:39 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.



NOTES:

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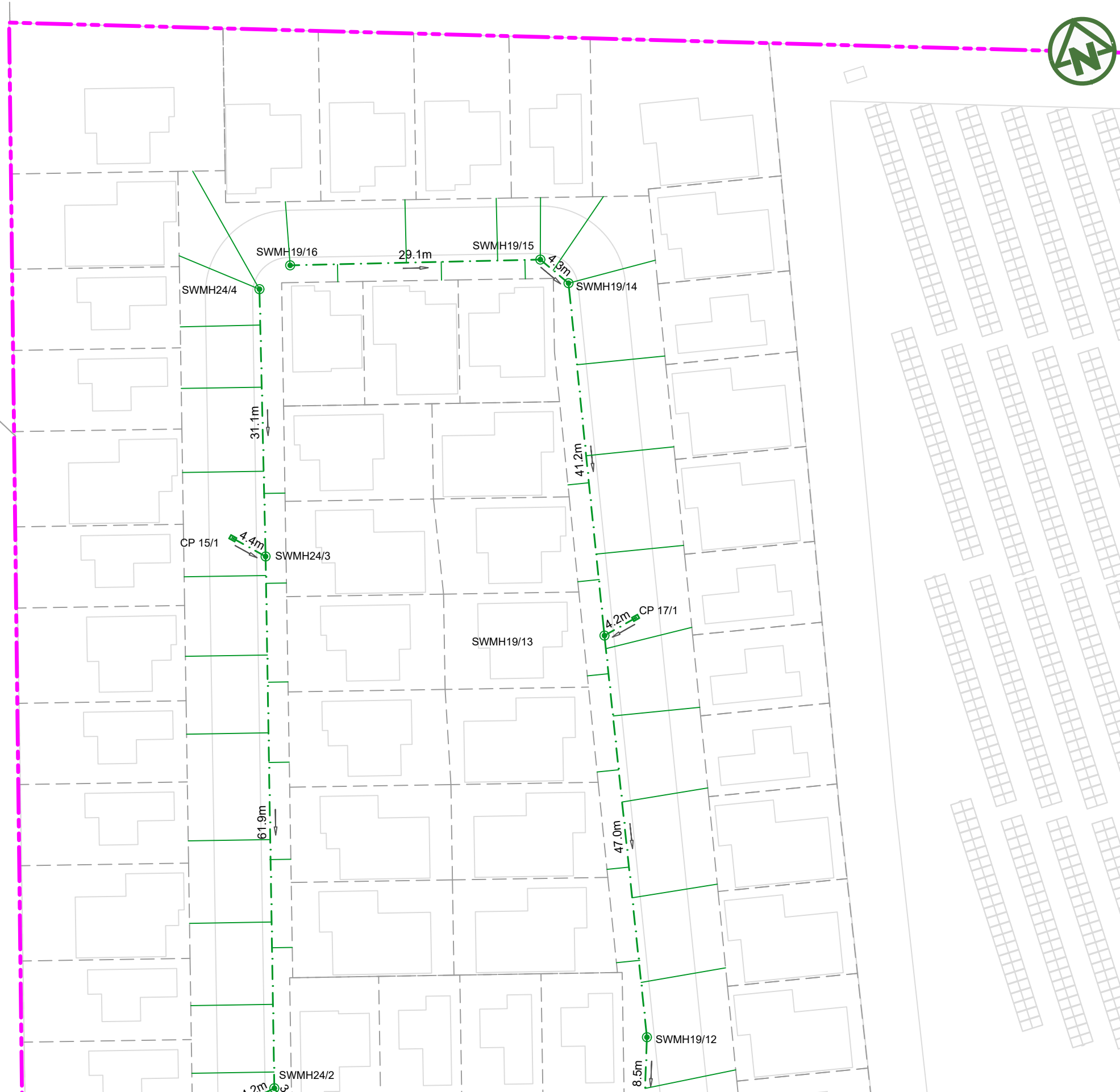
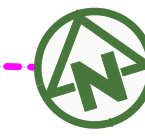
LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

CLIENT:	PROJECT:	TITLE:	PURPOSE OF ISSUE:
AW HOLDINGS 2021 LIMITED	AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	STORMWATER OVERALL PLAN PAGE FINDER	FOR RESOURCE CONSENT
			SCALE: 1:5000
			DO NOT SCALE
			DRAWING NO: 3325-2-4001
			REV: B



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



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
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LEGEND:

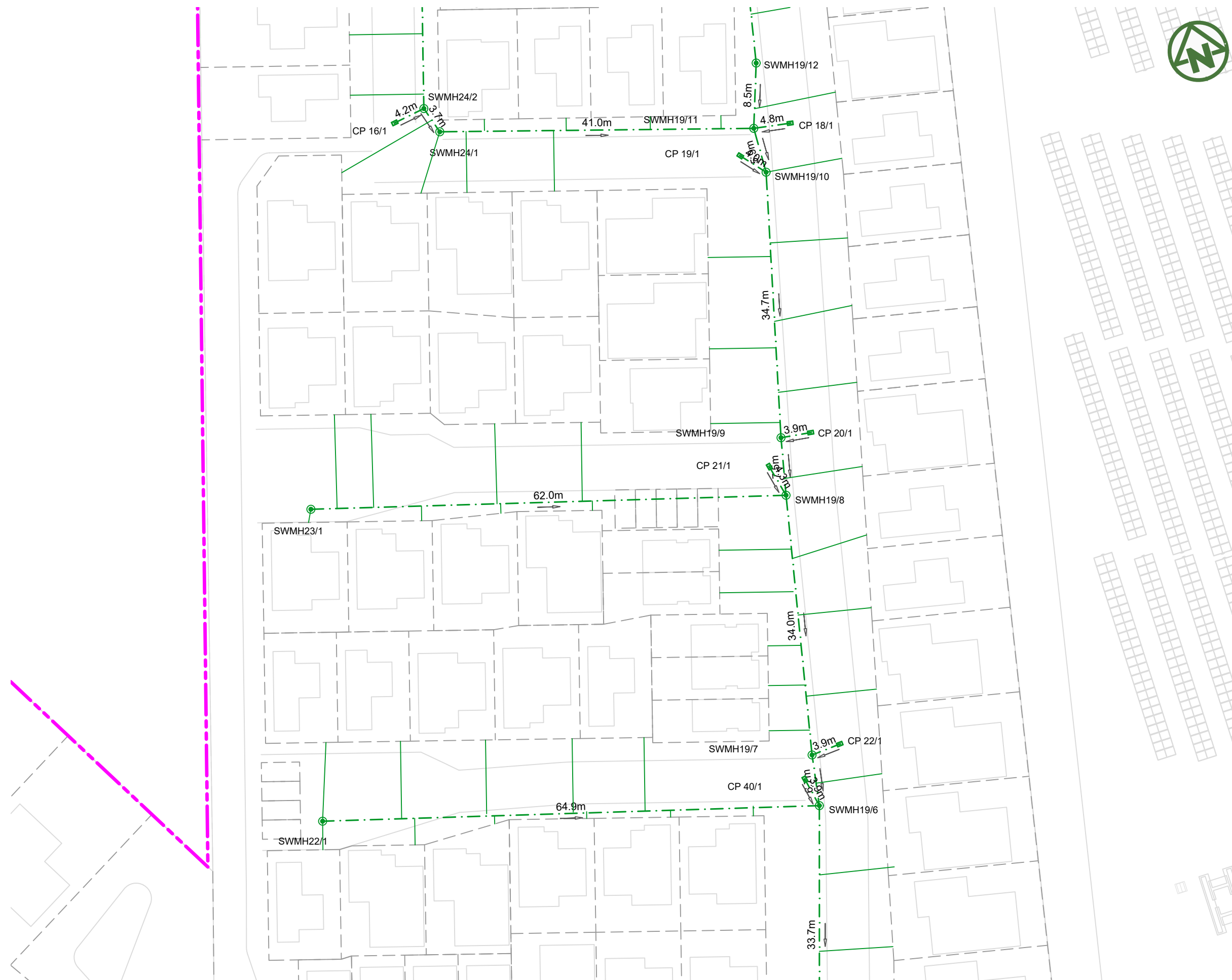
SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

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



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

SCALE: 1:500	REV: B
DO NOT SCALE	
DRAWING NO: 3325-2-4002	



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
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6. REFER TO DRAWINGS 450-452 FOR Q100 PRE- DEVELOPMENT CATCHMENTS.
7. REFER TO DRAWINGS 455-457 FOR Q100 POST- DEVELOPMENT CATCHMENTS.
8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

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



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

SCALE: 1:500
DO NOT SCALE
DRAWING NO: 3325-2-4003 REV: B



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
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7. REFER TO DRAWINGS 455-457 FOR Q100 POST- DEVELOPMENT CATCHMENTS.
8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

LEGEND:

- SITE BOUNDARY
- FUTURE LOT BOUNDARY
- PROPOSED STORMWATER
- PROPOSED LOW PRESSURE WASTEWATER
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORMWATER CATCHPIT
- PROPOSED STORMWATER HEADWALL
- STORMWATER LOT CONNECTION
- STREAM
- PROPOSED SWALE
- PROPOSED CONSTRUCTED WETLAND
- PROPOSED RAINGARDEN
- PROPOSED PERVIOUS PAVERS

CLIENT: PROJECT: TITLE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

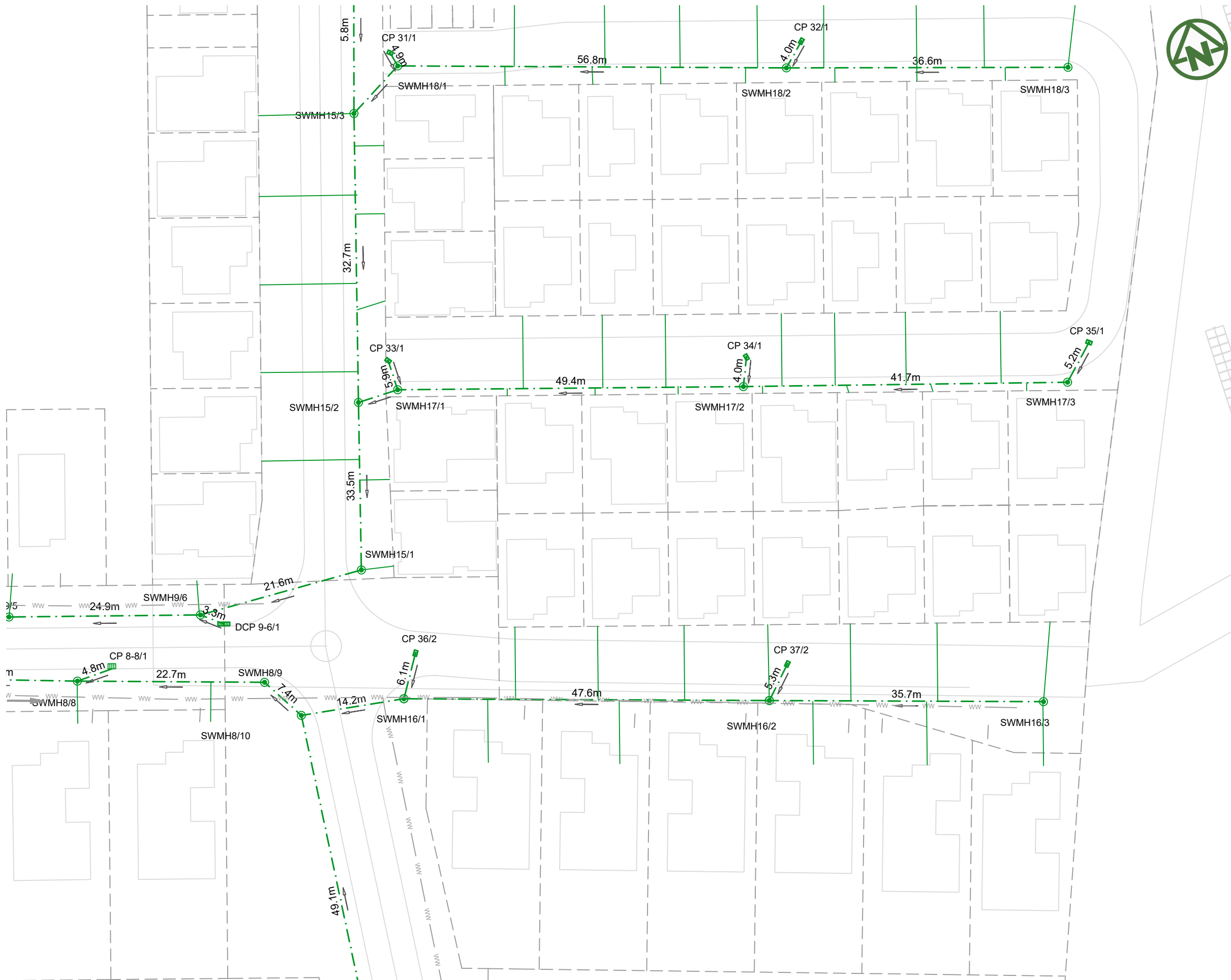
STORMWATER
PLAN
SHEET 3

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
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DO NOT SCALE
DRAWING NO: **3325-2-4004** REV: **B**

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





NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
3. THESE DRAWINGS DO NOT NECESSARILY SHOW ALL EXISTING SERVICES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY LOCATE AND PROJECT ALL EXISTING SERVICES DURING THE CONSTRUCTION PROCESS.
4. REFER TO DRAWING 435 FOR OUTLET PROTECTION DETAILS
5. REFER TO DRAWINGS 430-433 FOR CULVERT DETAILS.
6. REFER TO DRAWINGS 450-452 FOR Q100 PRE- DEVELOPMENT CATCHMENTS.
7. REFER TO DRAWINGS 455-457 FOR Q100 POST- DEVELOPMENT CATCHMENTS.
8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

LEGEND:

- SITE BOUNDARY
- FUTURE LOT BOUNDARY
- PROPOSED STORMWATER
- PROPOSED LOW PRESSURE WASTEWATER
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORMWATER CATCHPIT
- PROPOSED STORMWATER HEADWALL
- STORMWATER LOT CONNECTION
- STREAM
- PROPOSED SWALE
- PROPOSED CONSTRUCTED WETLAND
- PROPOSED RAINGARDEN
- PROPOSED PERVIOUS PAVERS

CLIENT: PROJECT: TITLE: PURPOSE OF ISSUE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

STORMWATER
PLAN
SHEET 4

FOR RESOURCE CONSENT

SCALE:
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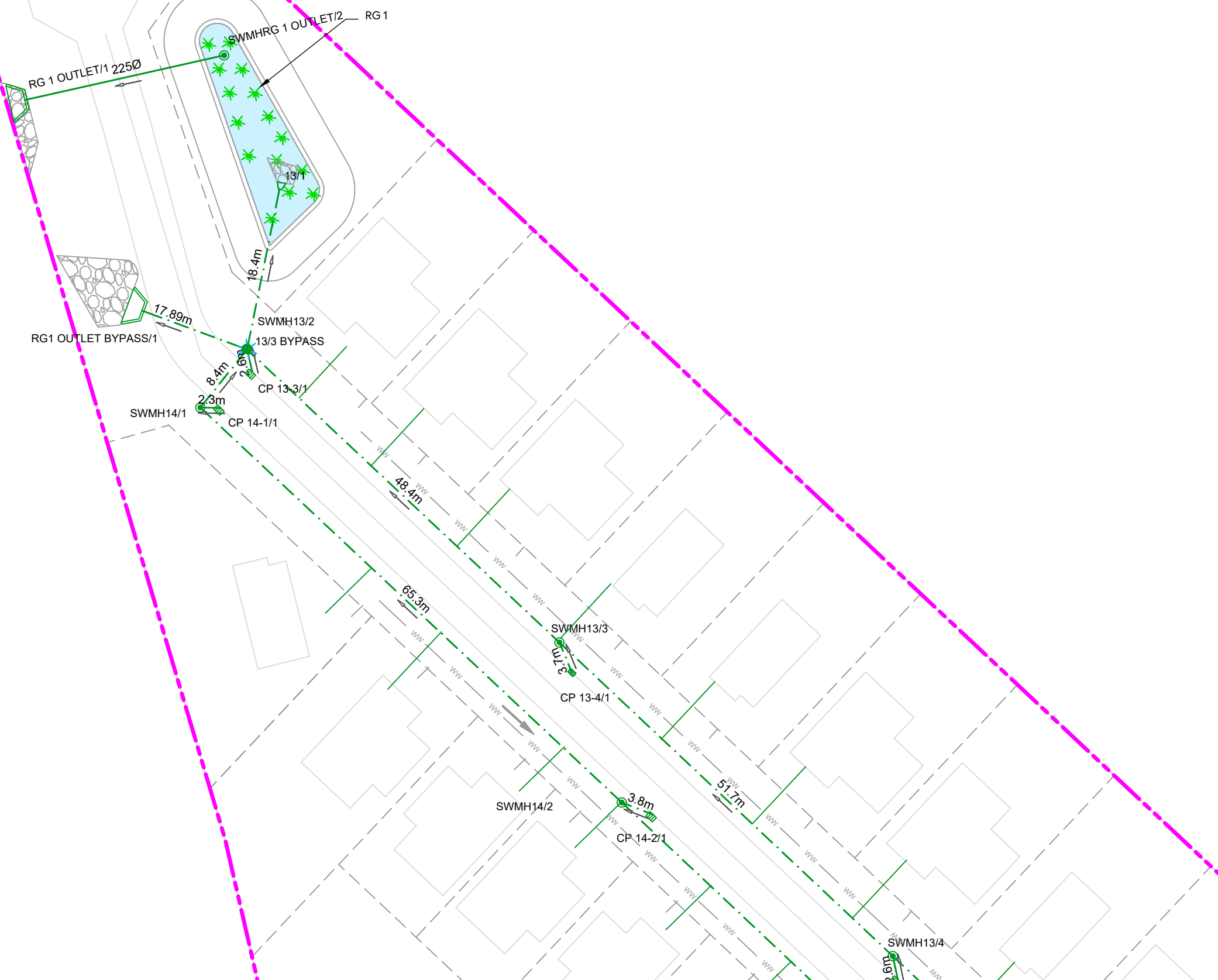
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DRAWING NO: REV:

3325-2-4005 B

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





NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
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7. REFER TO DRAWINGS 455-457 FOR Q100 POST- DEVELOPMENT CATCHMENTS.
8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

LEGEND:

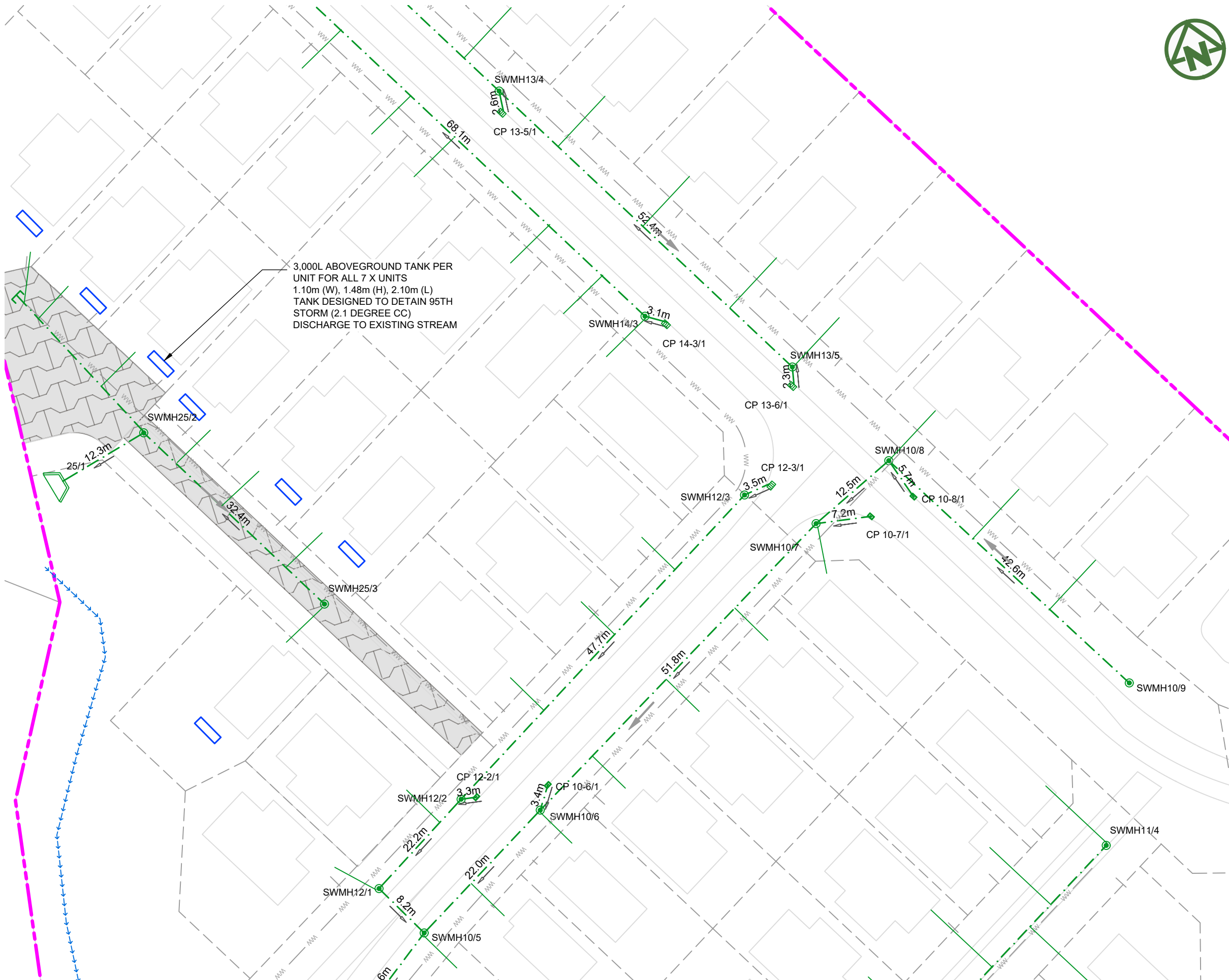
SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: STORMWATER PLAN SHEET 5 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



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

SCALE: 1:500
DO NOT SCALE
DRAWING NO: 3325-2-4006 REV: B



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
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6. REFER TO DRAWINGS 450-452 FOR Q100 PRE- DEVELOPMENT CATCHMENTS.
7. REFER TO DRAWINGS 455-457 FOR Q100 POST- DEVELOPMENT CATCHMENTS.
8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

LEGEND:

- SITE BOUNDARY
- FUTURE LOT BOUNDARY
- PROPOSED STORMWATER
- PROPOSED LOW PRESSURE WASTEWATER
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORMWATER CATCHPIT
- PROPOSED STORMWATER HEADWALL
- STORMWATER LOT CONNECTION
- STREAM
- PROPOSED SWALE
- PROPOSED CONSTRUCTED WETLAND
- PROPOSED RAINGARDEN
- PROPOSED PERVIOUS PAVERS

CLIENT: PROJECT: TITLE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

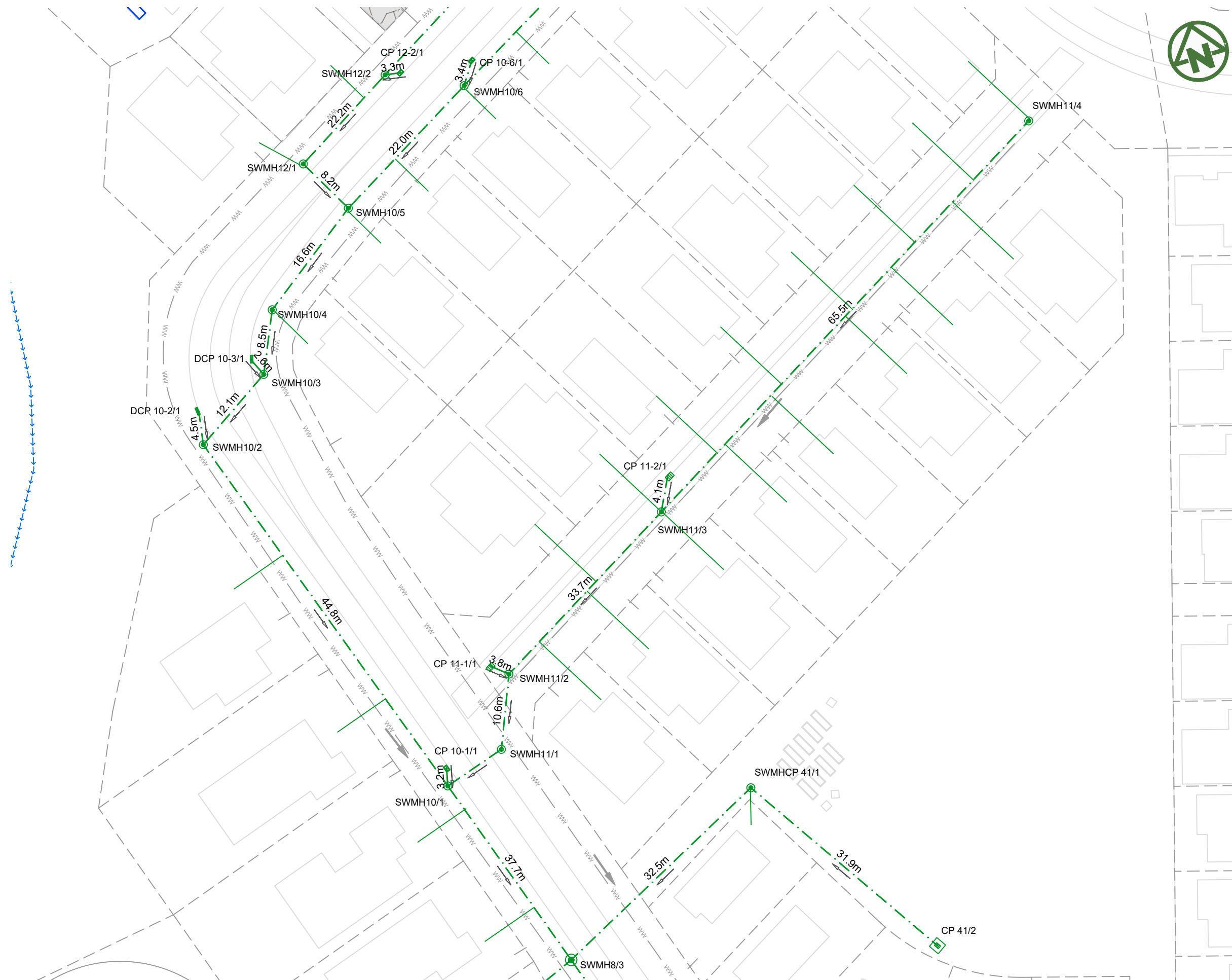
STORMWATER
PLAN
SHEET 6

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:500
DO NOT SCALE
DRAWING NO: **3325-2-4007** REV: **B**



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



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
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7. REFER TO DRAWINGS 455-457 FOR Q100 POST- DEVELOPMENT CATCHMENTS.
8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

CLIENT: PROJECT: TITLE:

PURPOSE OF ISSUE:



AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

STORMWATER
PLAN
SHEET 7

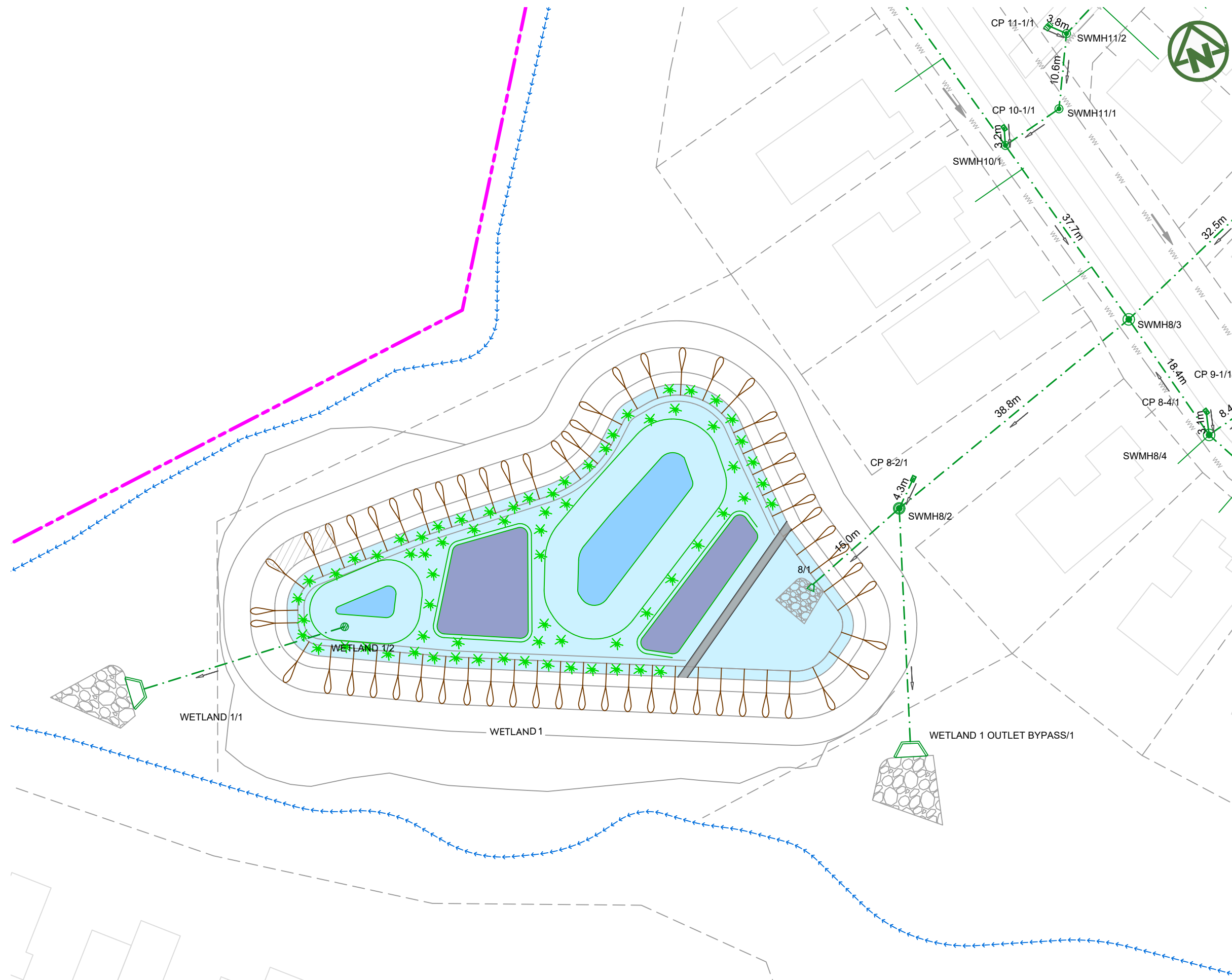
FOR RESOURCE CONSENT

SCALE:
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DO NOT SCALE

DRAWING NO: 3325-2-4008 REV: B

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



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
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7. REFER TO DRAWINGS 455-457 FOR Q100 POST- DEVELOPMENT CATCHMENTS.
8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

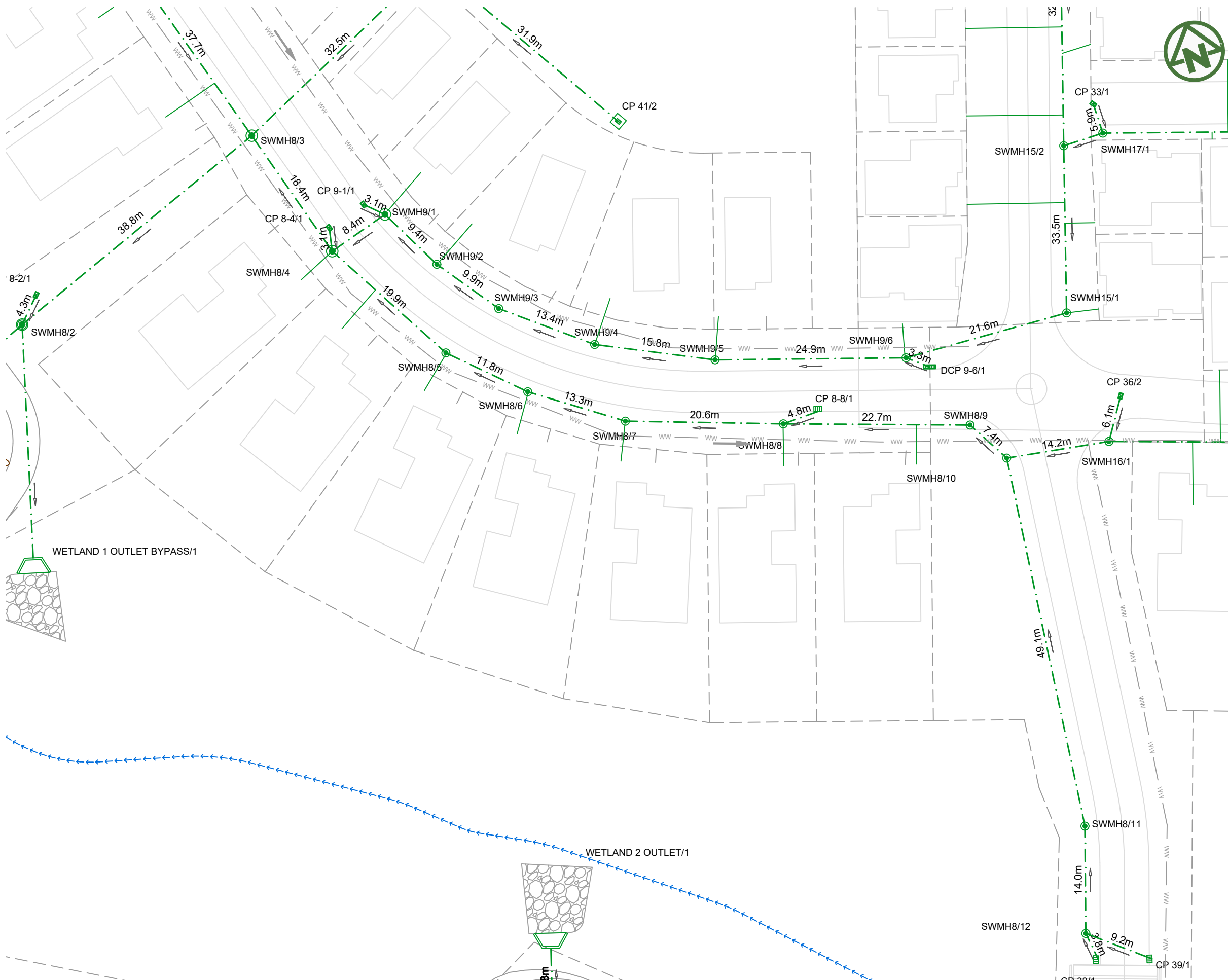
LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

CLIENT: AW HOLDINGS 2021 LIMITED	PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	TITLE: STORMWATER PLAN SHEET 8	PURPOSE OF ISSUE: FOR RESOURCE CONSENT
			SCALE: 1:500
			DO NOT SCALE
			DRAWING NO: 3325-2-4009
			REV: B

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





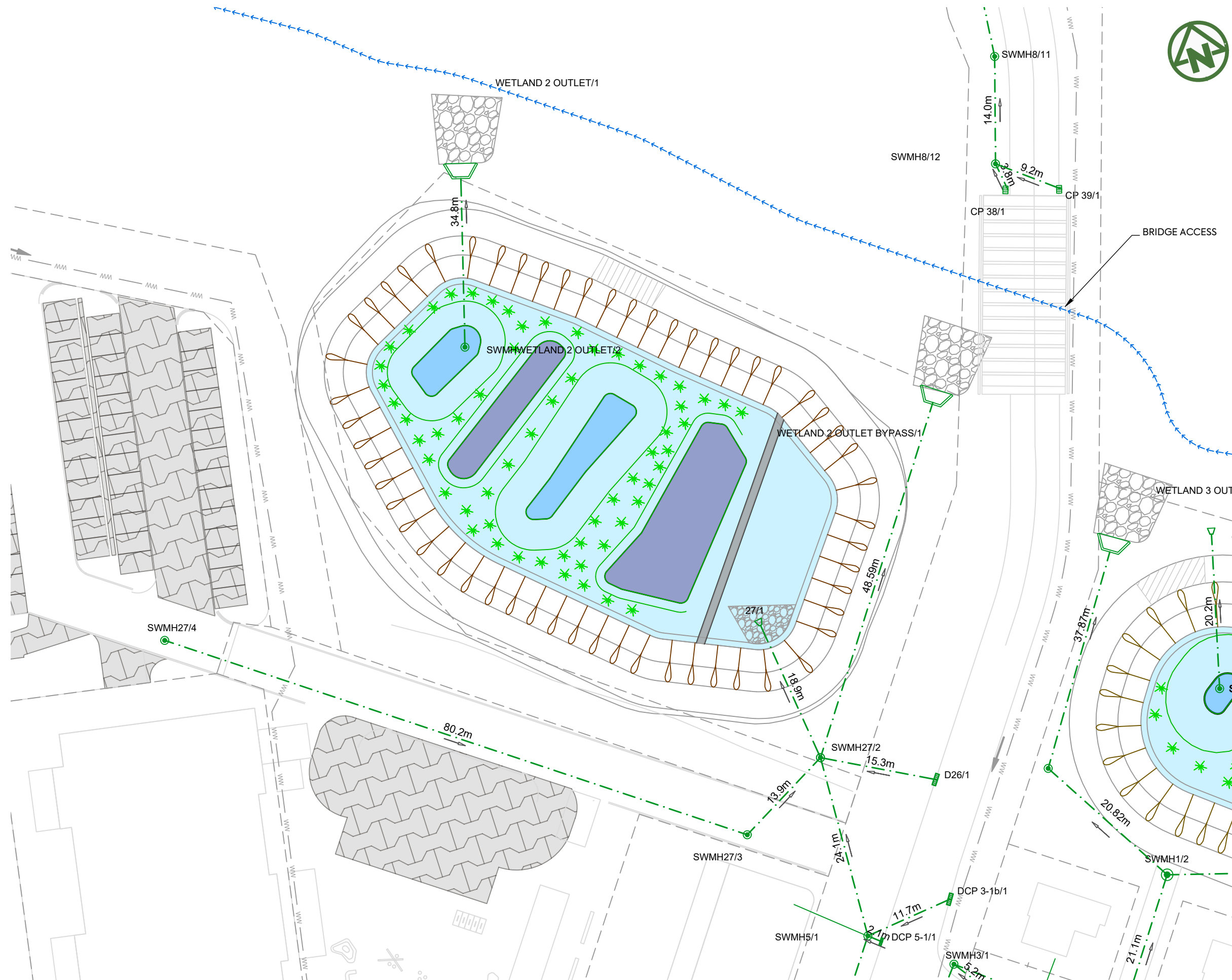
NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
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8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

LEGEND:

- SITE BOUNDARY
- FUTURE LOT BOUNDARY
- PROPOSED STORMWATER
- PROPOSED LOW PRESSURE WASTEWATER
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORMWATER CATCHPIT
- PROPOSED STORMWATER HEADWALL
- STORMWATER LOT CONNECTION
- STREAM
- PROPOSED SWALE
- PROPOSED CONSTRUCTED WETLAND
- PROPOSED RAINGARDEN
- PROPOSED PERVIOUS PAVERS

	CLIENT: AW HOLDINGS 2021 LIMITED	PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	TITLE: STORMWATER PLAN SHEET 9	PURPOSE OF ISSUE: FOR RESOURCE CONSENT
B DRAWING UPDATED A FIRST ISSUE REV DESCRIPTION	AL SL JK 13/01/26 AL SL JK 07/11/25 DRN BY CHK BY APP BY DATE			
SCALE: 1:500 DO NOT SCALE DRAWING NO: 3325-2-4010				REV: B



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
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8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

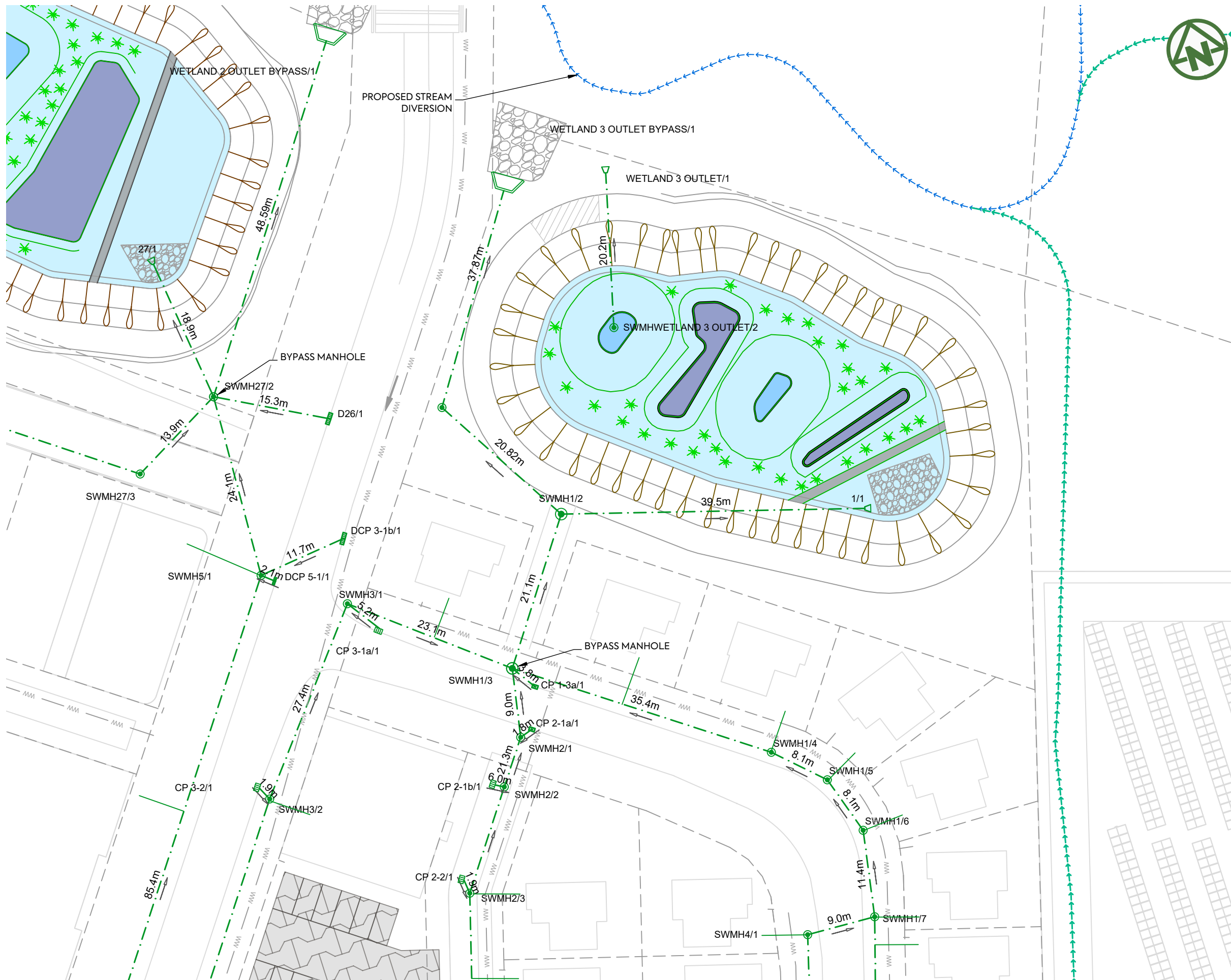
LEGEND:

- SITE BOUNDARY ---
- FUTURE LOT BOUNDARY ---
- PROPOSED STORMWATER ---
- PROPOSED LOW PRESSURE WASTEWATER ww ww
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORMWATER CATCHPIT
- PROPOSED STORMWATER HEADWALL
- STORMWATER LOT CONNECTION ---
- STREAM >>>>>>
- PROPOSED SWALE >>>>>>
- PROPOSED CONSTRUCTED WETLAND
- PROPOSED RAINGARDEN
- PROPOSED PERVIOUS PAVERS

<p>CLIENT: AW HOLDINGS 2021 LIMITED</p>	<p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: STORMWATER PLAN SHEET 10</p>
<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p>		
<p>SCALE: 1:500</p>		
<p>DO NOT SCALE</p>		
<p>DRAWING NO: 3325-2-4011</p>		<p>REV: B</p>

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





NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
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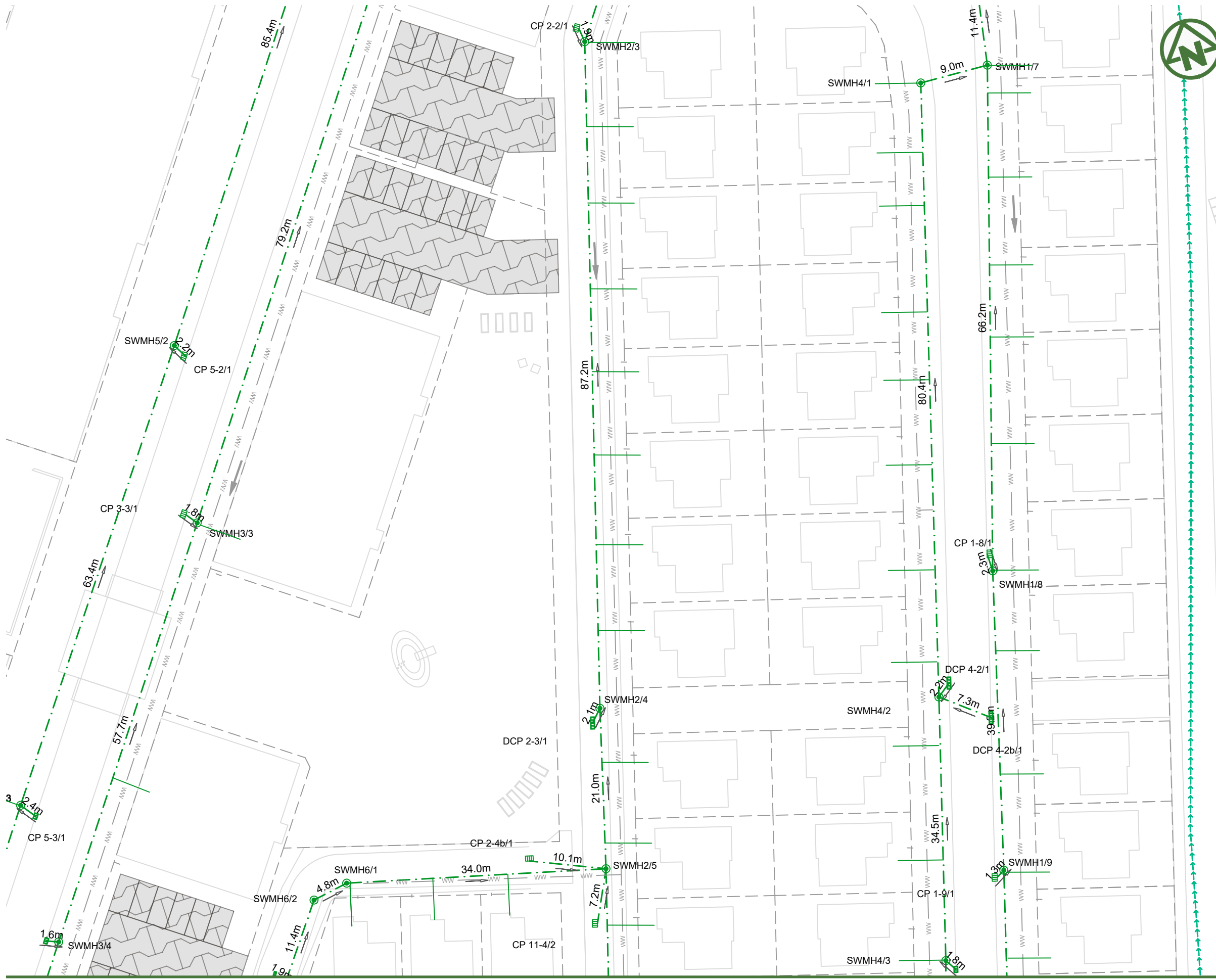
- SITE BOUNDARY
- FUTURE LOT BOUNDARY
- PROPOSED STORMWATER
- PROPOSED LOW PRESSURE WASTEWATER
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORMWATER CATCHPIT
- PROPOSED STORMWATER HEADWALL
- STORMWATER LOT CONNECTION
- STREAM
- PROPOSED SWALE
- PROPOSED CONSTRUCTED WETLAND
- PROPOSED RAINGARDEN
- PROPOSED PERVIOUS PAVERS

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: STORMWATER PLAN SHEET 11 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



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

SCALE:	1:500
DO NOT SCALE	
DRAWING NO:	3325-2-4012
REV:	B



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
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LEGEND:

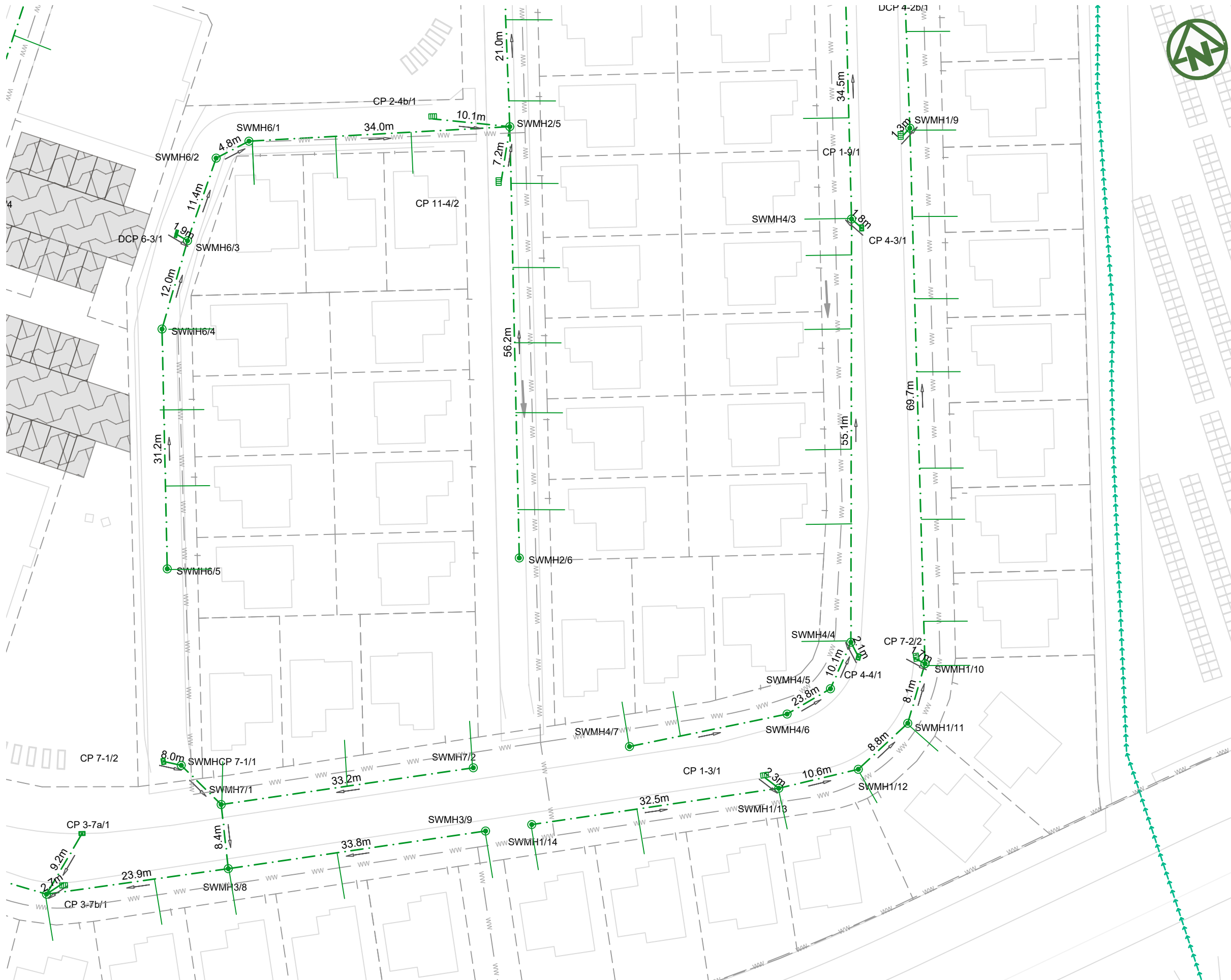
- SITE BOUNDARY
- FUTURE LOT BOUNDARY
- PROPOSED STORMWATER
- PROPOSED LOW PRESSURE WASTEWATER
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORMWATER CATCHPIT
- PROPOSED STORMWATER HEADWALL
- STORMWATER LOT CONNECTION
- STREAM
- PROPOSED SWALE
- PROPOSED CONSTRUCTED WETLAND
- PROPOSED RAINGARDEN
- PROPOSED PERVIOUS PAVERS

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: STORMWATER PLAN SHEET 12 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



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

SCALE: 1:500	REV:
DO NOT SCALE	
DRAWING NO: 3325-2-4013	B



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
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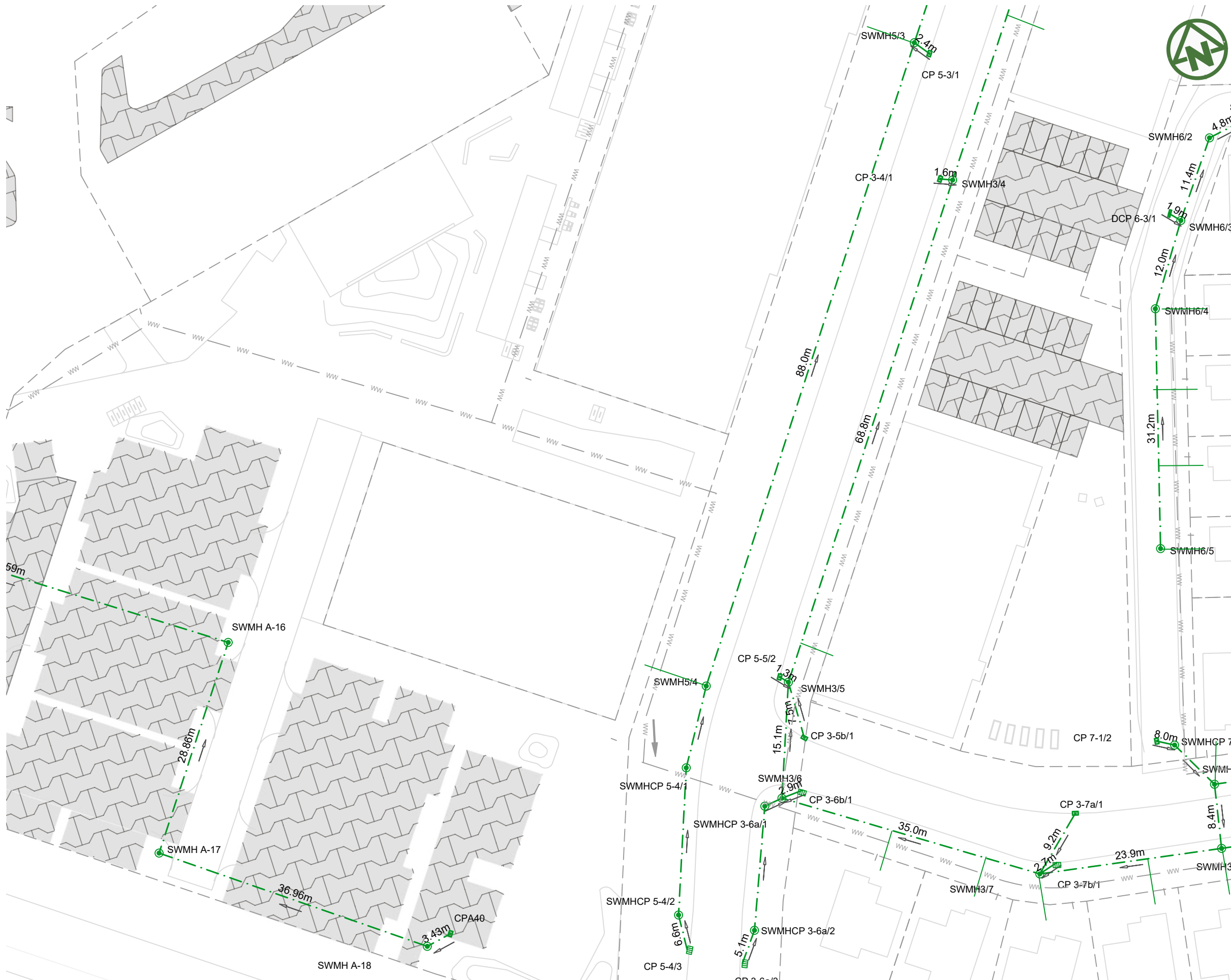
- SITE BOUNDARY
- FUTURE LOT BOUNDARY
- PROPOSED STORMWATER
- PROPOSED LOW PRESSURE WASTEWATER
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORMWATER CATCHPIT
- PROPOSED STORMWATER HEADWALL
- STORMWATER LOT CONNECTION
- STREAM
- PROPOSED SWALE
- PROPOSED CONSTRUCTED WETLAND
- PROPOSED RAINGARDEN
- PROPOSED PERVIOUS PAVERS

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: STORMWATER PLAN SHEET 13 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



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

SCALE: 1:500	REV: B
DO NOT SCALE	
DRAWING NO: 3325-2-4014	



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
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LEGEND:

- SITE BOUNDARY
- FUTURE LOT BOUNDARY
- PROPOSED STORMWATER
- PROPOSED LOW PRESSURE WASTEWATER
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORMWATER CATCHPIT
- PROPOSED STORMWATER HEADWALL
- STORMWATER LOT CONNECTION
- STREAM
- PROPOSED SWALE
- PROPOSED CONSTRUCTED WETLAND
- PROPOSED RAINGARDEN
- PROPOSED PERVIOUS PAVERS

<p>CLIENT: AW HOLDINGS 2021 LIMITED</p>	<p>PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND</p>	<p>TITLE: STORMWATER PLAN SHEET 14</p>	<p>PURPOSE OF ISSUE: FOR RESOURCE CONSENT</p>
<p>MCKENZIE & CO.</p>			<p>SCALE: 1:500</p>
<p>REV DESCRIPTION DRN BY CHK BY APP BY DATE</p>			<p>DO NOT SCALE</p>
<p>B DRAWING UPDATED AL SL JK 13/01/26</p>			<p>DRAWING NO: 3325-2-4015</p>
<p>A FIRST ISSUE AL SL JK 07/11/25</p>			<p>REV: B</p>



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
2. ALL PIPES CROSSING UNDER CARRIAGEWAY/TRAFFIC AREAS TO BE HARDFILL BACKFILLED 1.0m BEYOND THE EXTENT OF CARRIAGEWAY. ALL PIPE CROSS OVERS ARE TO BE HARDFILL BACKFILLED 1.0m EITHER SIDE OF CROSS OVER.
3. THESE DRAWINGS DO NOT NECESSARILY SHOW ALL EXISTING SERVICES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY LOCATE AND PROJECT ALL EXISTING SERVICES DURING THE CONSTRUCTION PROCESS.
4. REFER TO DRAWING 435 FOR OUTLET PROTECTION DETAILS
5. REFER TO DRAWINGS 430-433 FOR CULVERT DETAILS.
6. REFER TO DRAWINGS 450-452 FOR Q100 PRE- DEVELOPMENT CATCHMENTS.
7. REFER TO DRAWINGS 455-457 FOR Q100 POST- DEVELOPMENT CATCHMENTS.
8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: STORMWATER PLAN SHEET 15 PURPOSE OF ISSUE: FOR RESOURCE CONSENT

SCALE: 1:500 DO NOT SCALE

DRAWING NO: 3325-2-4016 REV: B

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





NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
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8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

CLIENT: PROJECT: TITLE:

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

STORMWATER
PLAN
SHEET 16

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

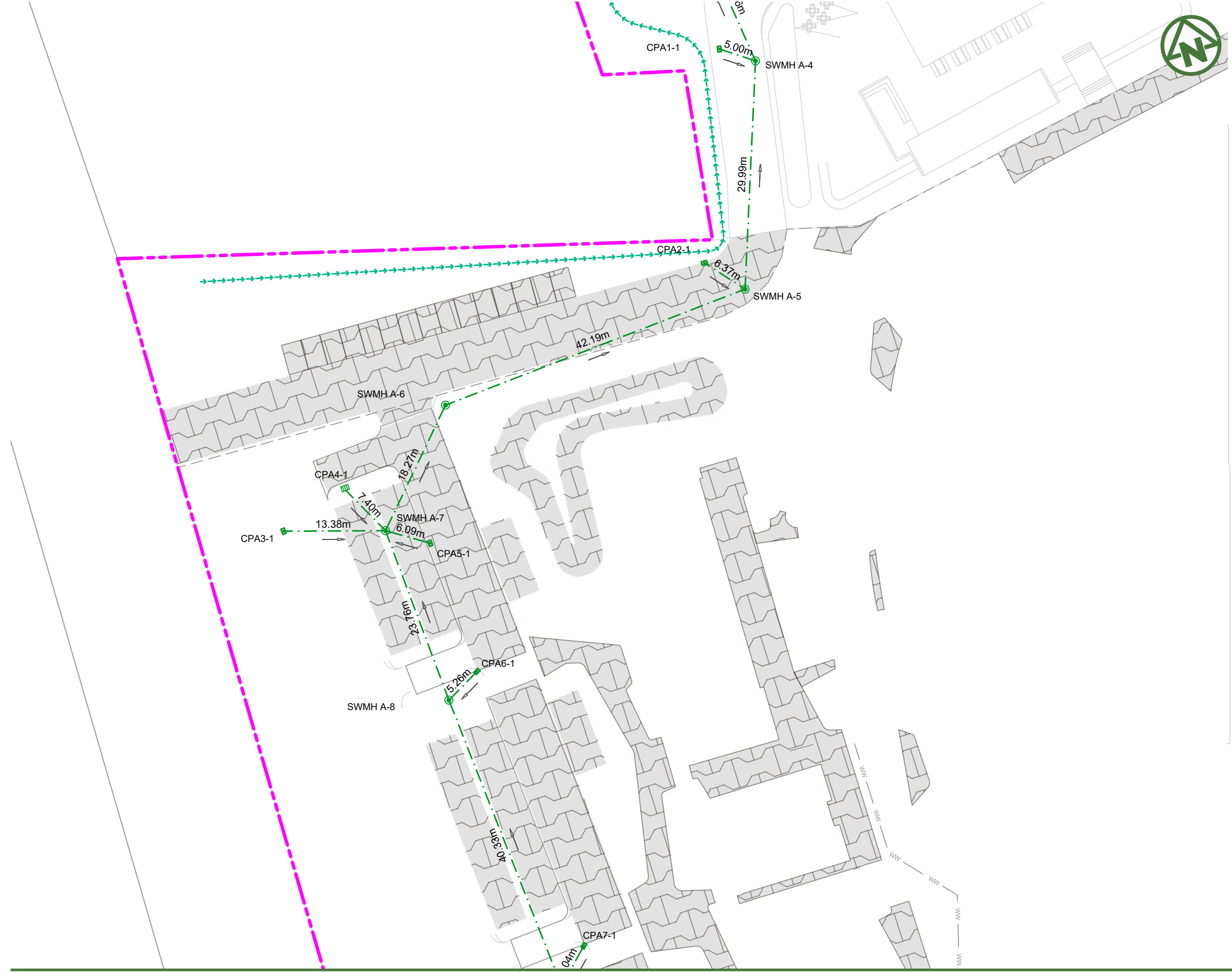
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1:500

DO NOT SCALE

DRAWING NO: **3325-2-4017** REV: **B**



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



- NOTES:**
1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
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 8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	



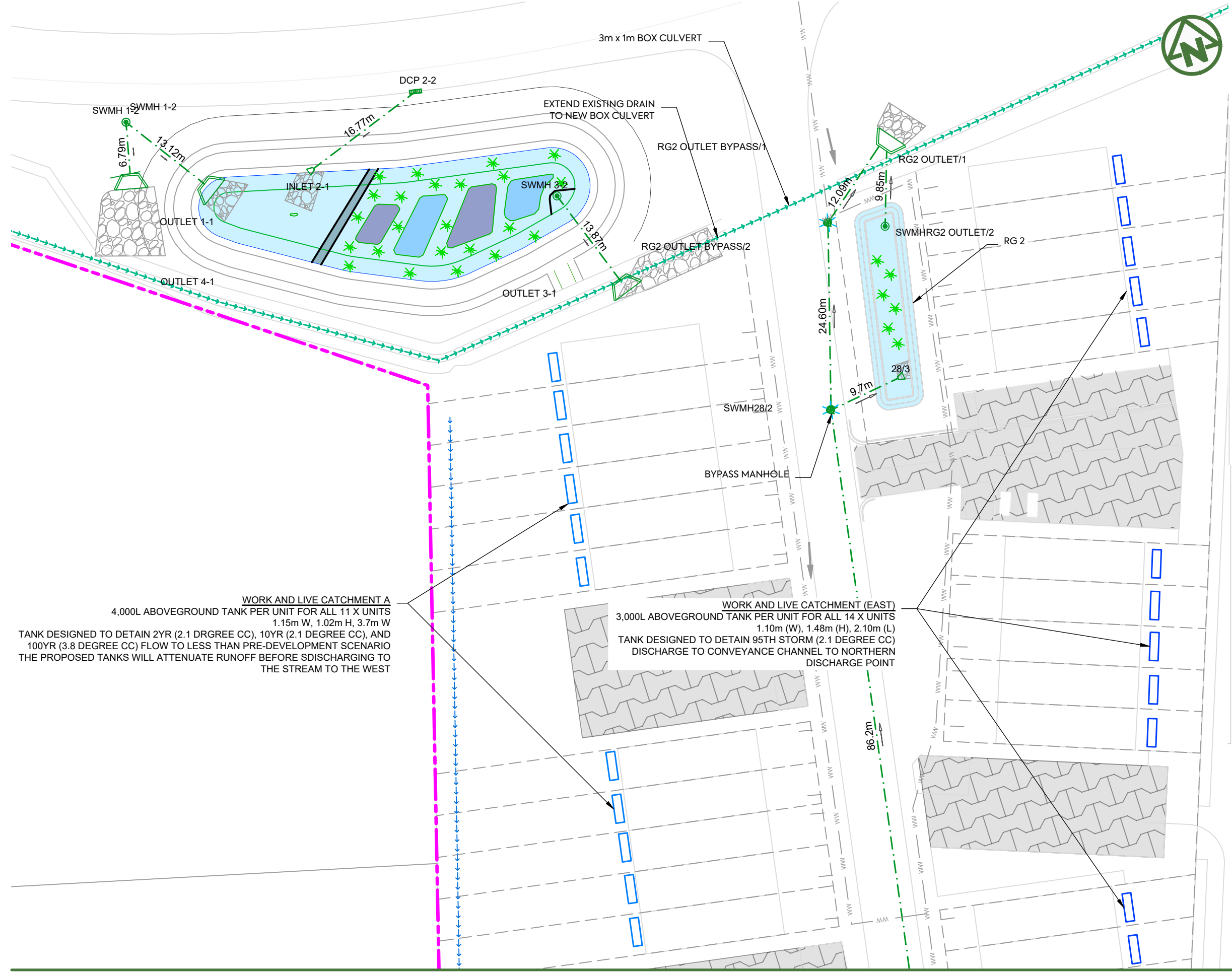
NOTES:

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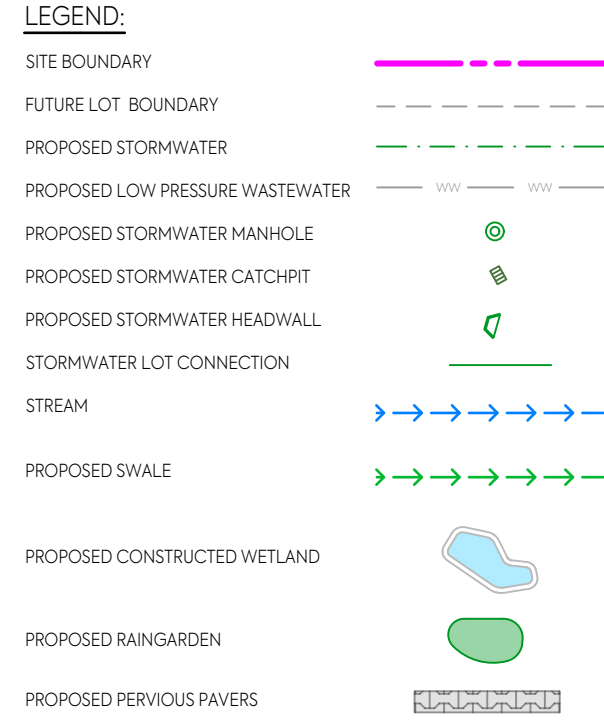
LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

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

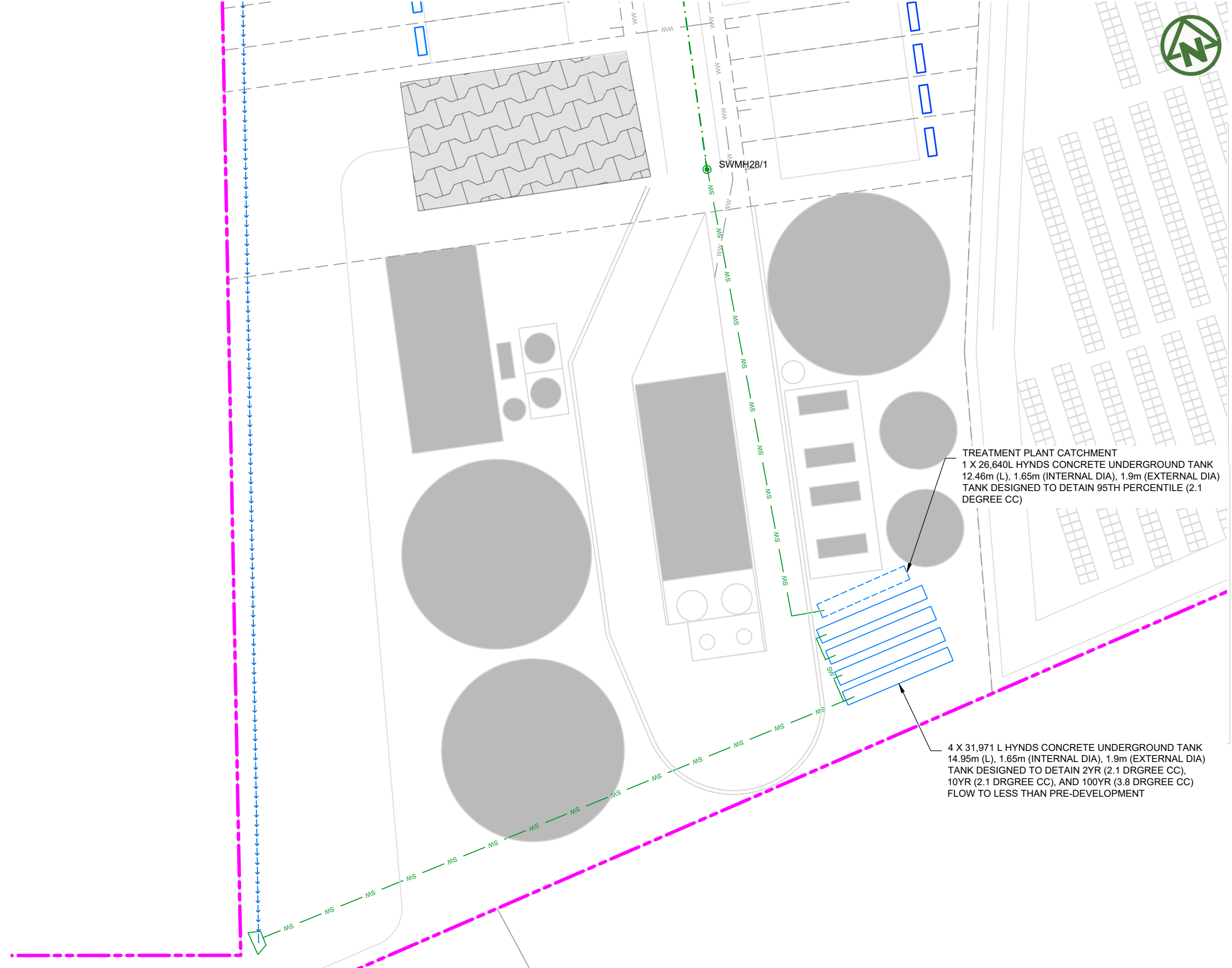


- NOTES:**
1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
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 8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN



WORK AND LIVE CATCHMENT A
 4,000L ABOVEGROUND TANK PER UNIT FOR ALL 11 X UNITS
 1.15m W, 1.02m H, 3.7m W
 TANK DESIGNED TO DETAIN 2YR (2.1 DRGREE CC), 10YR (2.1 DEGREE CC), AND 100YR (3.8 DEGREE CC) FLOW TO LESS THAN PRE-DEVELOPMENT SCENARIO THE PROPOSED TANKS WILL ATTENUATE RUNOFF BEFORE SDISCHARGING TO THE STREAM TO THE WEST

WORK AND LIVE CATCHMENT (EAST)
 3,000L ABOVEGROUND TANK PER UNIT FOR ALL 14 X UNITS
 1.10m (W), 1.48m (H), 2.10m (L)
 TANK DESIGNED TO DETAIN 95TH STORM (2.1 DEGREE CC) DISCHARGE TO CONVEYANCE CHANNEL TO NORTHERN DISCHARGE POINT



- NOTES:**
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 8. ALL STORMWATER SIZES, DIMENSIONS AND POSITIONS SUBJECT TO CHANGE DURING DETAILED DESIGN

TREATMENT PLANT CATCHMENT
 1 X 26,640L HYNDS CONCRETE UNDERGROUND TANK
 12.46m (L), 1.65m (INTERNAL DIA), 1.9m (EXTERNAL DIA)
 TANK DESIGNED TO DETAIN 95TH PERCENTILE (2.1 DEGREE CC)

4 X 31,971 L HYNDS CONCRETE UNDERGROUND TANK
 14.95m (L), 1.65m (INTERNAL DIA), 1.9m (EXTERNAL DIA)
 TANK DESIGNED TO DETAIN 2YR (2.1 DRGREE CC),
 10YR (2.1 DRGREE CC), AND 100YR (3.8 DRGREE CC)
 FLOW TO LESS THAN PRE-DEVELOPMENT

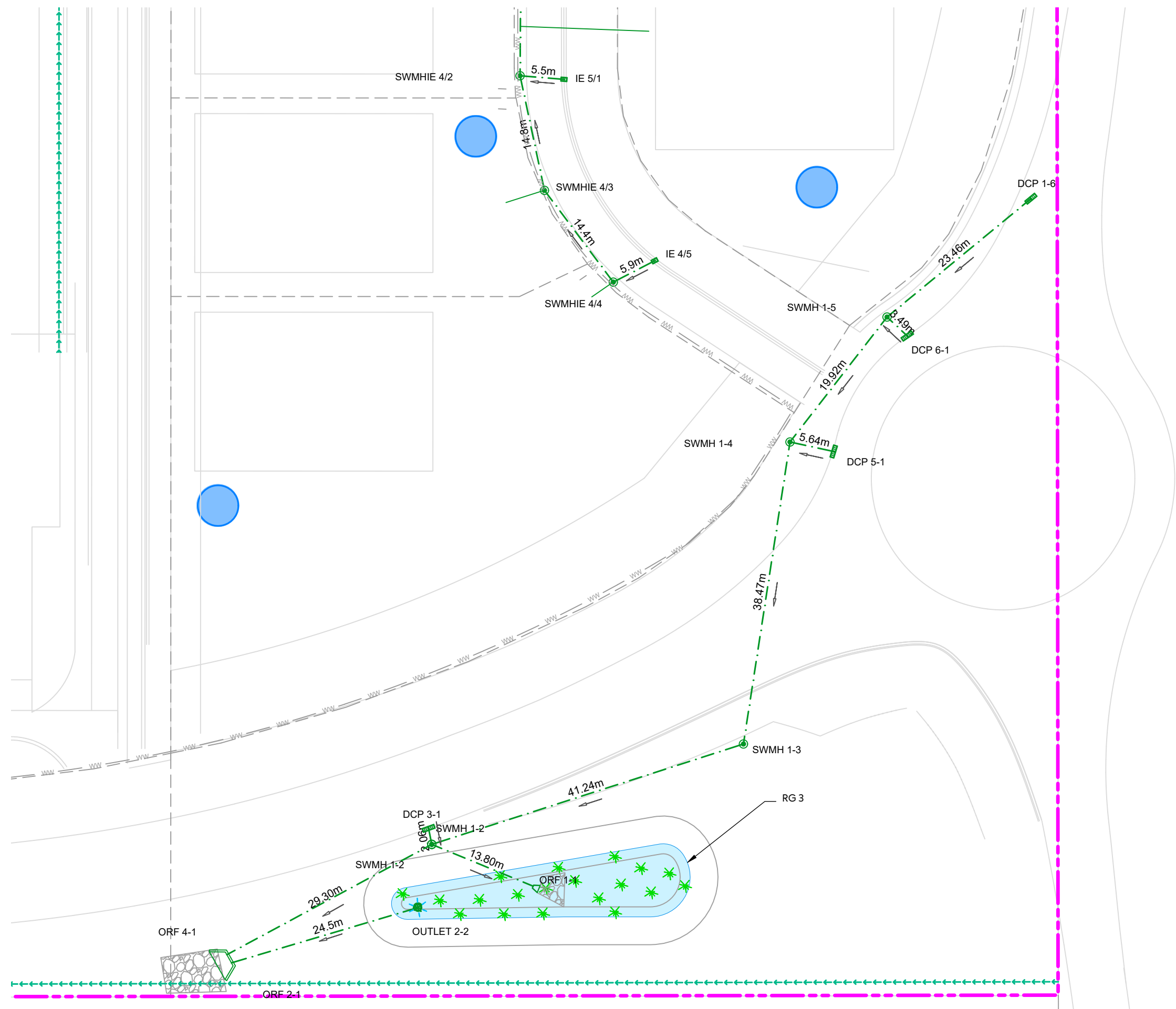
LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

CLIENT: AW HOLDINGS 2021 LIMITED	PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	TITLE: STORMWATER PLAN SHEET 20	PURPOSE OF ISSUE: FOR RESOURCE CONSENT
			SCALE: 1:500
			DO NOT SCALE
			DRAWING NO: 3325-2-4021
			REV: B

MCKENZIE & CO.

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



NOTES:

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LEGEND:

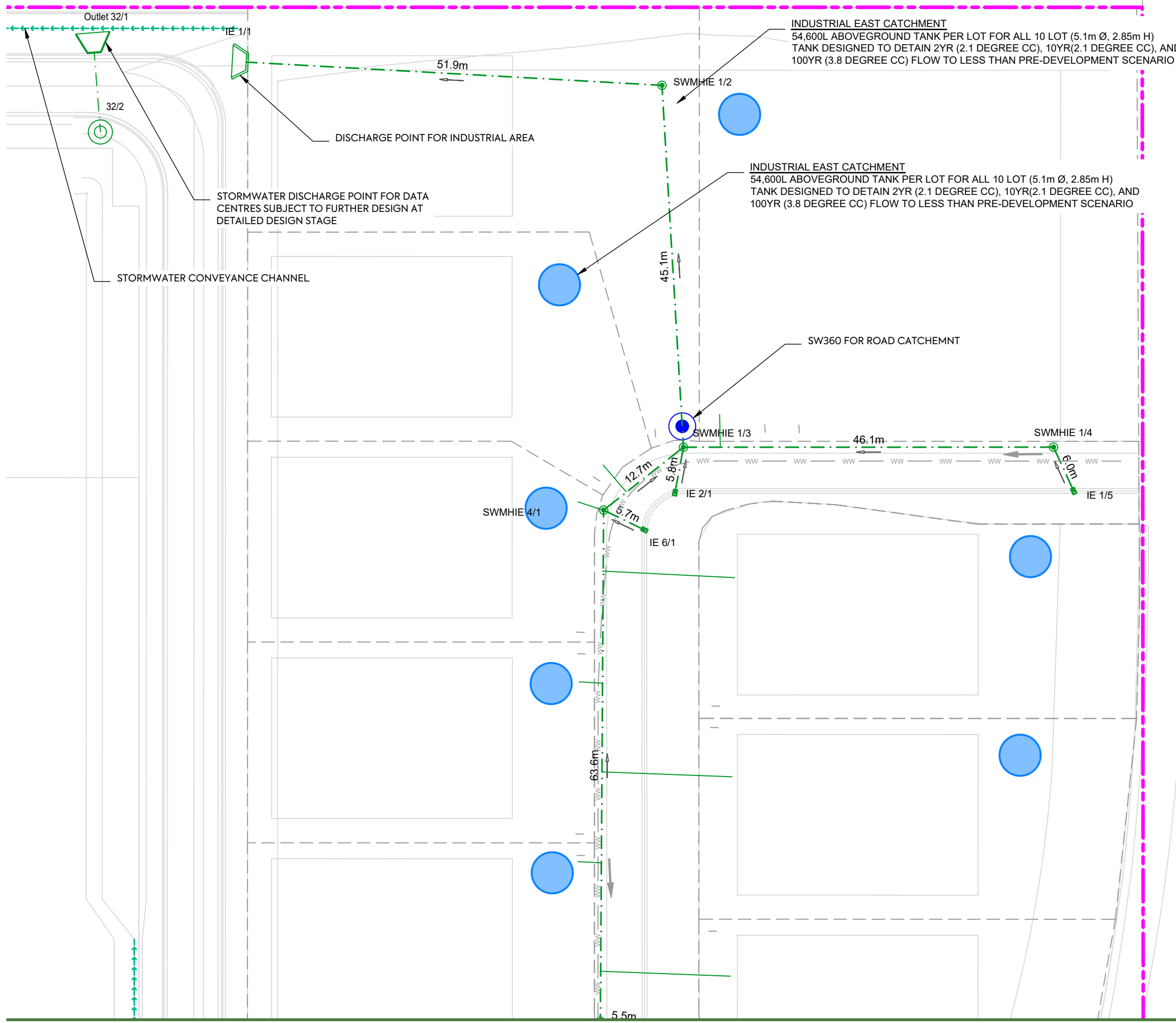
- SITE BOUNDARY
- FUTURE LOT BOUNDARY
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- PROPOSED LOW PRESSURE WASTEWATER
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- PROPOSED STORMWATER HEADWALL
- STORMWATER LOT CONNECTION
- STREAM
- PROPOSED SWALE
- PROPOSED CONSTRUCTED WETLAND
- PROPOSED RAINGARDEN
- PROPOSED PERVIOUS PAVERS

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: STORMWATER PLAN SHEET 21 PURPOSE OF ISSUE: FOR RESOURCE CONSENT



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

SCALE: 1:500
DO NOT SCALE
DRAWING NO: 3325-2-4022 REV: B



NOTES:

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL CODE OF PRACTICE FOR LAND FOR LAND DEVELOPMENT AND SUBDIVISION CHAPTER 4-STORMWATER.
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LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
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PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

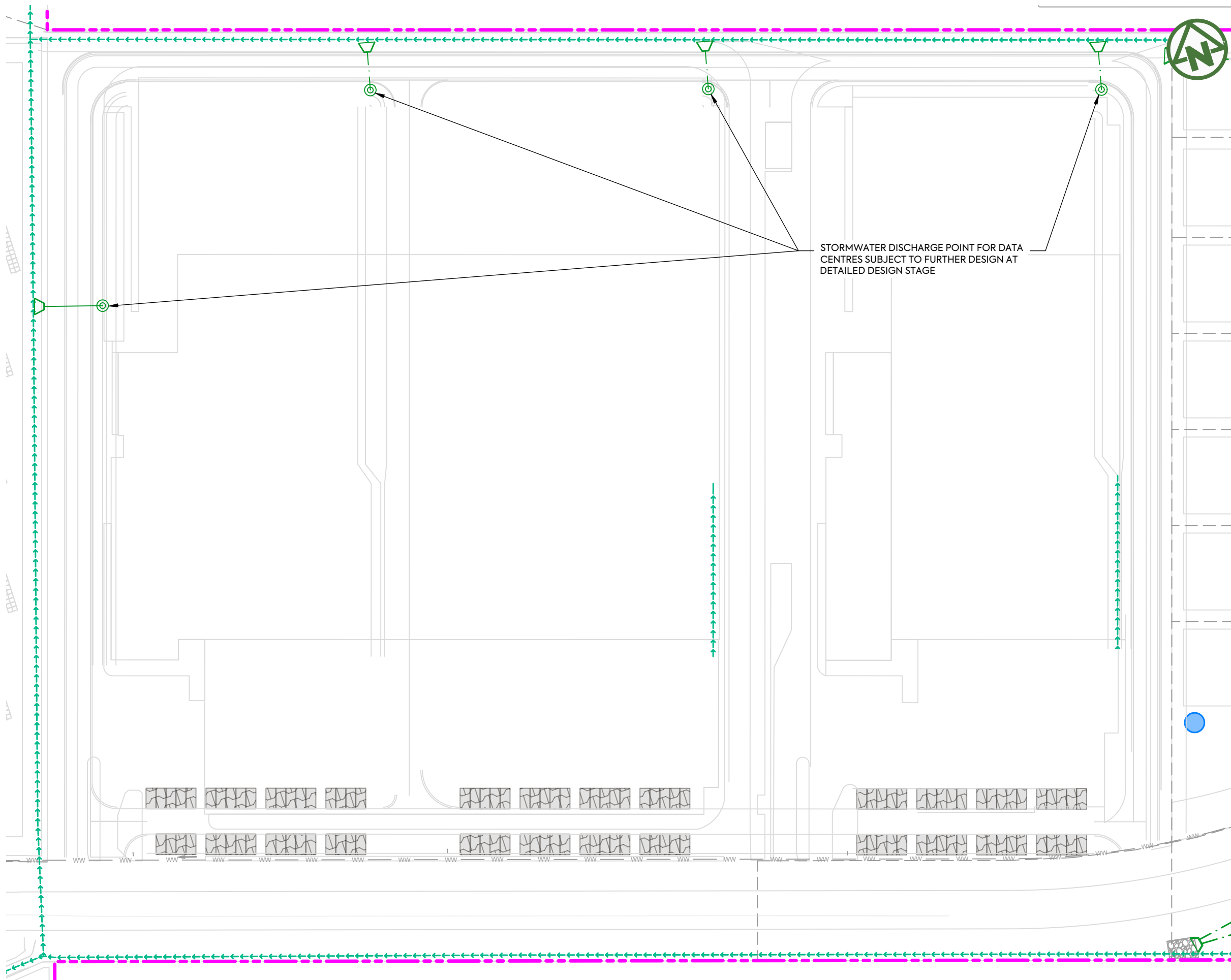
CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: STORMWATER PLAN SHEET 22 PURPOSE OF ISSUE: FOR RESOURCE CONSENT

SCALE: 1:500 DO NOT SCALE

DRAWING NO: 3325-2-4023 REV: B



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



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LEGEND:

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FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	

CLIENT: AW HOLDINGS 2021 LIMITED	PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	TITLE: STORMWATER PLAN SHEET 23	PURPOSE OF ISSUE: FOR RESOURCE CONSENT
			SCALE: 1:1000
			DO NOT SCALE
		DRAWING NO: 3325-2-4024	REV: B



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

DISCHARGE TO EXISTING STREAM

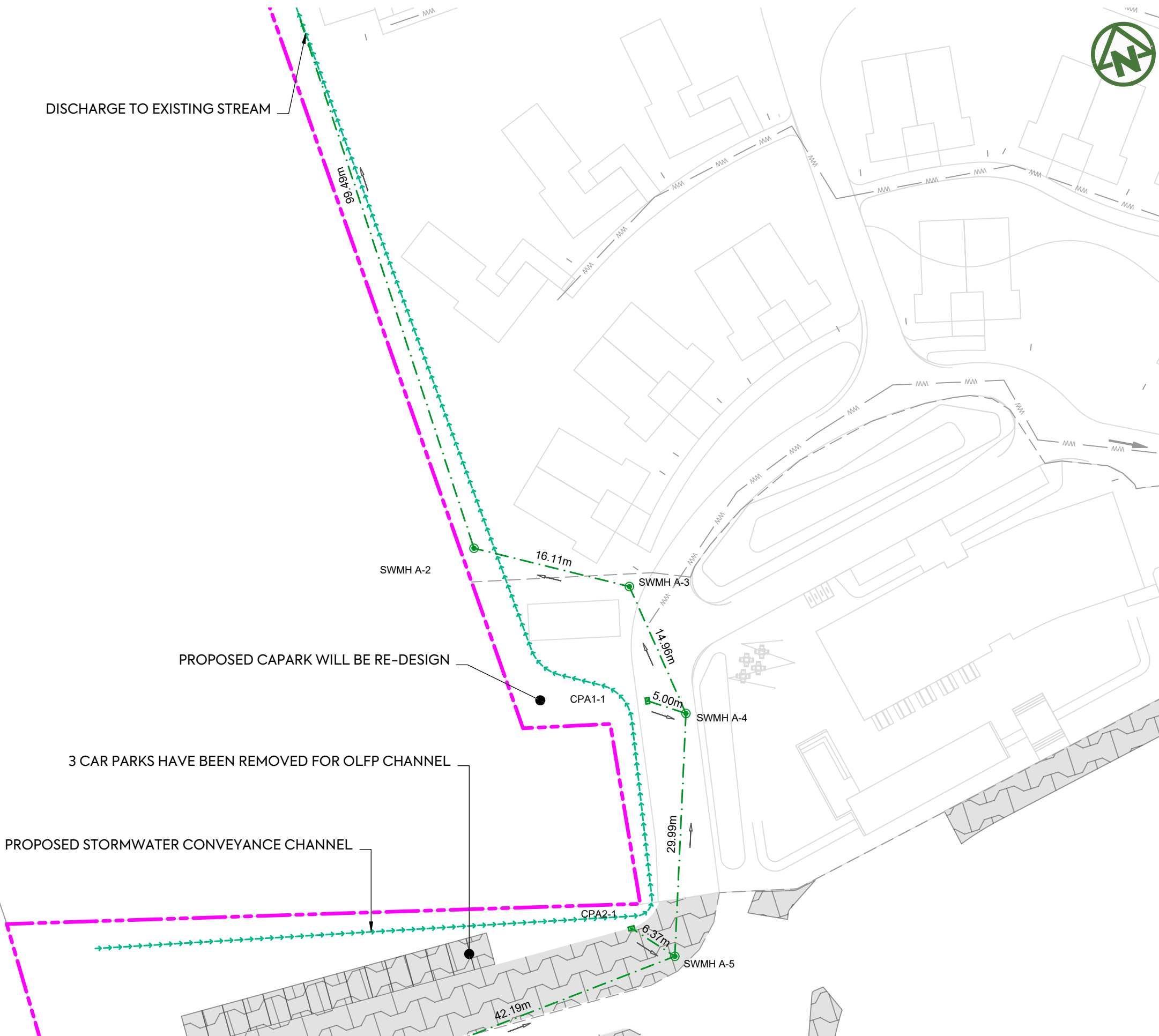


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LEGEND:

SITE BOUNDARY	
FUTURE LOT BOUNDARY	
PROPOSED STORMWATER	
PROPOSED LOW PRESSURE WASTEWATER	
PROPOSED STORMWATER MANHOLE	
PROPOSED STORMWATER CATCHPIT	
PROPOSED STORMWATER HEADWALL	
STORMWATER LOT CONNECTION	
STREAM	
PROPOSED SWALE	
PROPOSED CONSTRUCTED WETLAND	
PROPOSED RAINGARDEN	
PROPOSED PERVIOUS PAVERS	



PROPOSED CAPARK WILL BE RE-DESIGN

3 CAR PARKS HAVE BEEN REMOVED FOR OLFP CHANNEL

PROPOSED STORMWATER CONVEYANCE CHANNEL

CLIENT: AW HOLDINGS 2021 LIMITED PROJECT: AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND TITLE: STORMWATER PLAN BOUNDARY CHANNEL PURPOSE OF ISSUE: FOR INFORMATION



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	ZW	SL	JK	2025-11-12

SCALE: 1:500
DO NOT SCALE
DRAWING NO: 3325-2-4025 REV: A