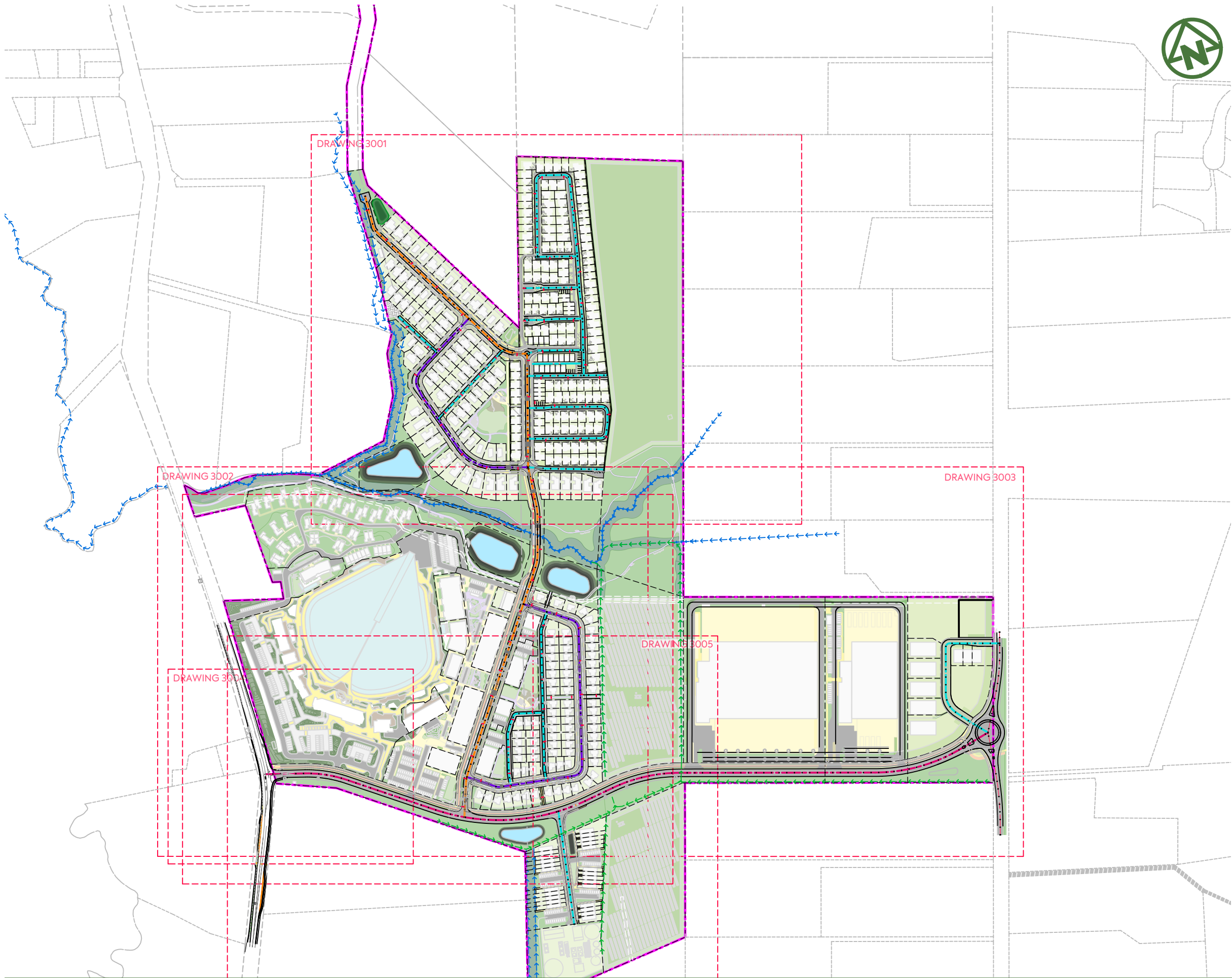




NOTES:

- 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

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



MCKENZIE & CO.

AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
OVERALL PLAN

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT
SCALE:
1:5000
DO NOT SCALE
DRAWING NO:
3325-2-3000
REV:
D



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 1

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:2000

DO NOT SCALE

DRAWING NO:

3325-2-3001

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



MCKENZIE & CO.



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.
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6. REFER TO LANDSCAPE ARCHITECTS FOR STREET TREE DETAILS. TREES SHOWN ON PLAN ARE INDICATIVE ONLY.

LEGEND:

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

CONSTRUCTED WETLAND



CLIENT:

AW HOLDINGS 2021
LIMITED

PROJECT:

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

TITLE:

ROADING
PLAN
SHEET 2

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:
1:2000

DO NOT SCALE

DRAWING NO:

3325-2-3002

REV:

B

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



MCKENZIE & CO.



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





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



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



CLIENT:
AW HOLDINGS 2021
LIMITED

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

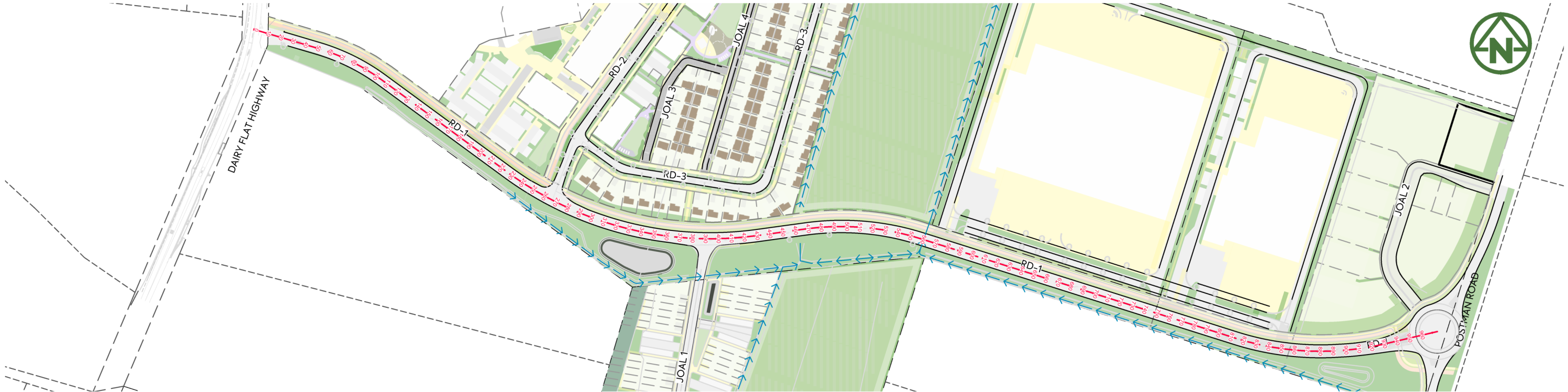
TITLE:

ROADING
PLAN
SHEET 3

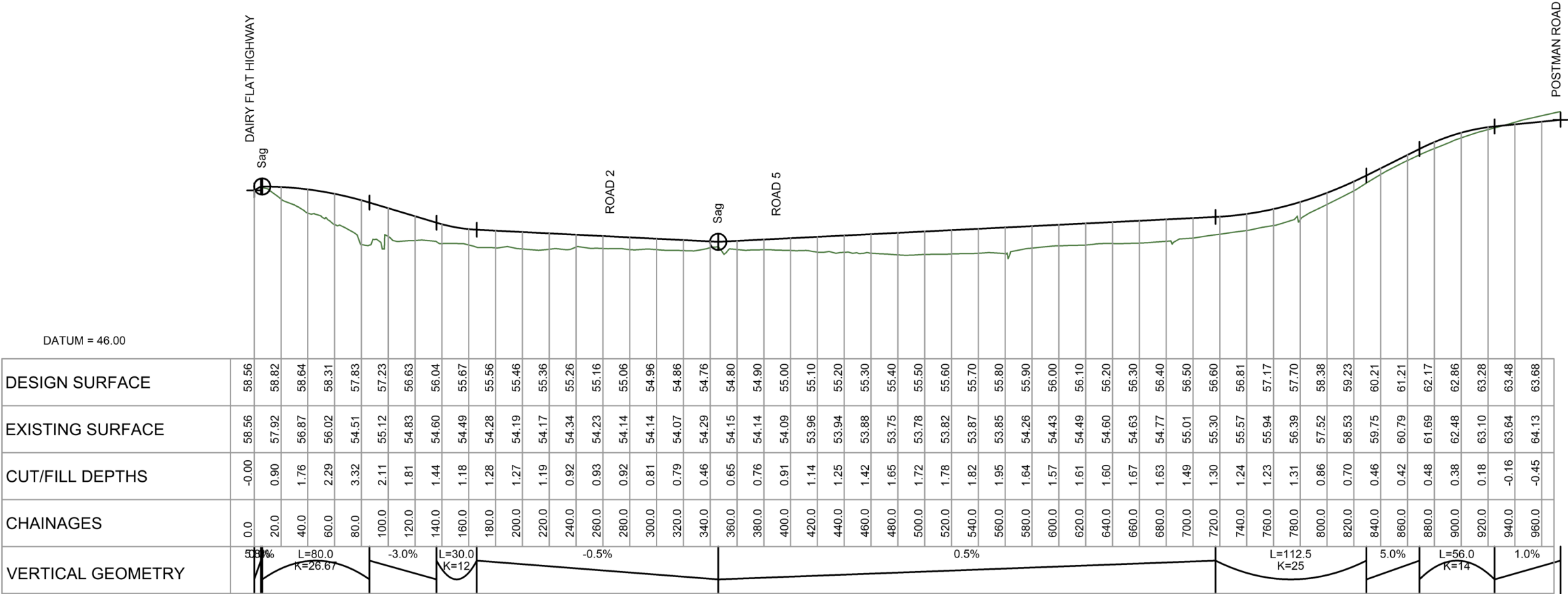
PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:2000
DO NOT SCALE

DRAWING NO.:
3325-2-3005
REV:
B



LONGITUDINAL PLAN ROAD 1
SCALE =1:3000 @ A3



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

D	UPDATED POSTMAN RD	JDK	SL	24/04/26
C		SJO	SL	JK 15/04/26
B	DRAWING UPDATES	SH	SL	JK 07/01/26
A	FIRST ISSUE	SH	SL	JK 07/11/25

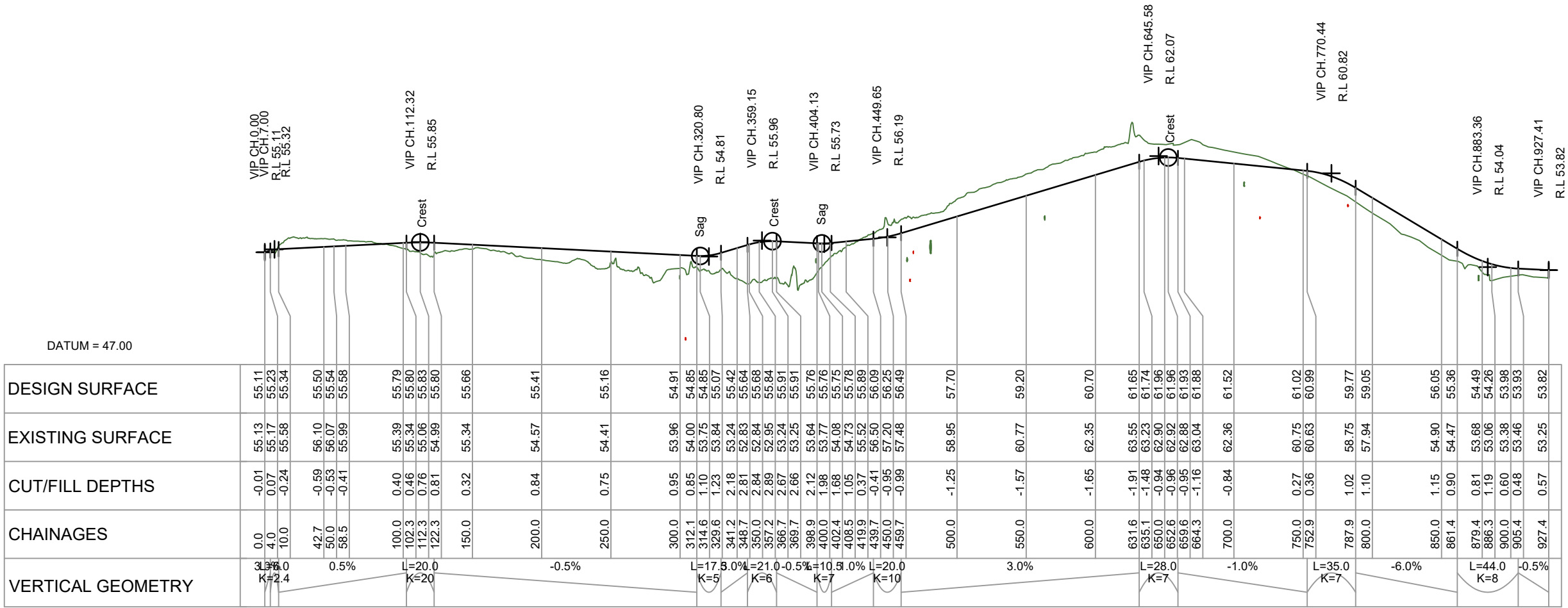


CLIENT:	PROJECT:	TITLE:	PURPOSE OF ISSUE:
AW HOLDINGS 2021 LIMITED	AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	ROADING LONGSECTION SHEET 1	FOR RESOURCE CONSENT
SCALE:			AS NOTED ON PLAN
DRAWING NO:			3325-2-3100
REV:			D



LONGITUDINAL PLAN ROAD 2

SCALE =1:2500 @ A3

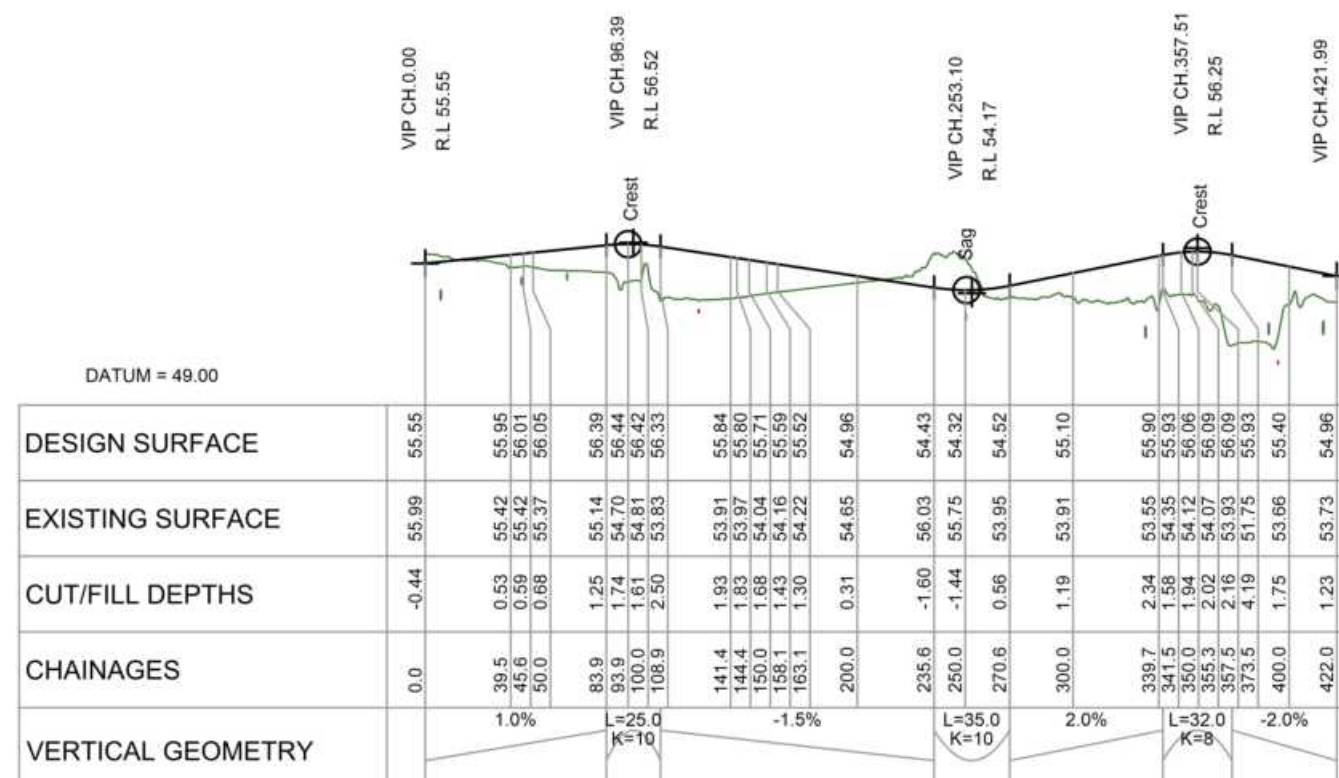


LONGITUDINAL SECTION ROAD 2

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



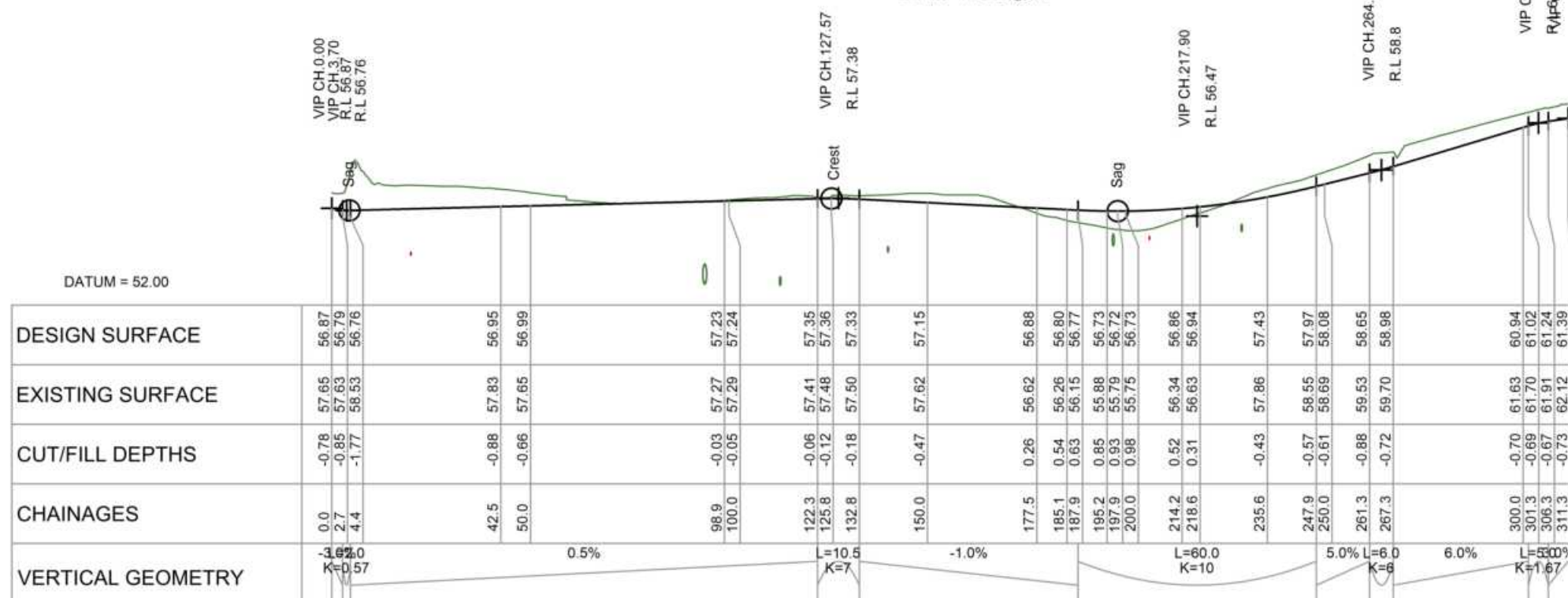
LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



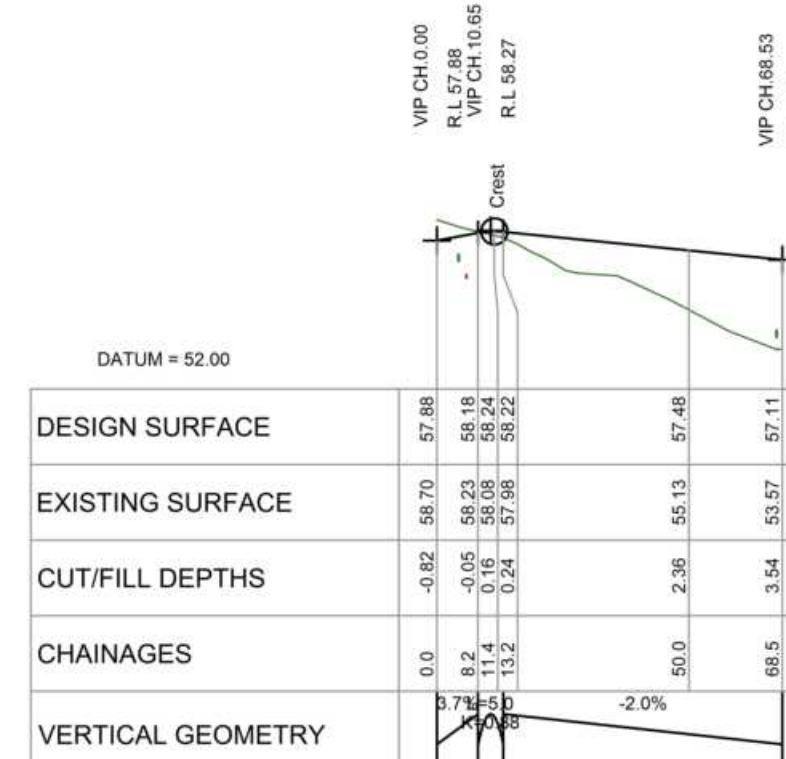
LONGITUDINAL SECTION ROAD 3
SCALE HORIZ=1:3500 @ A3 / VERT=1:350 @ A3



LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



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



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



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

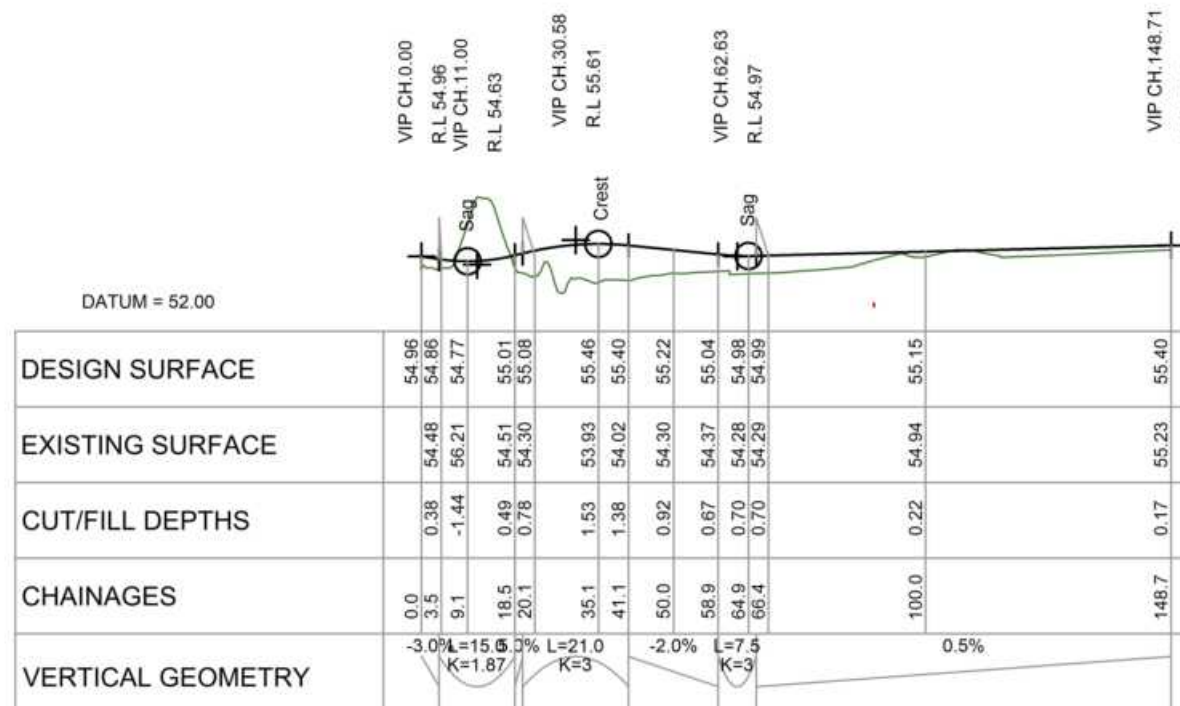
ROADING LONGSECTION
SHEET 4

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT
SCALE:
AS NOTED ON PLAN
DO NOT SCALE
DRAWING NO:
3325-2-3103
REV:
B

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

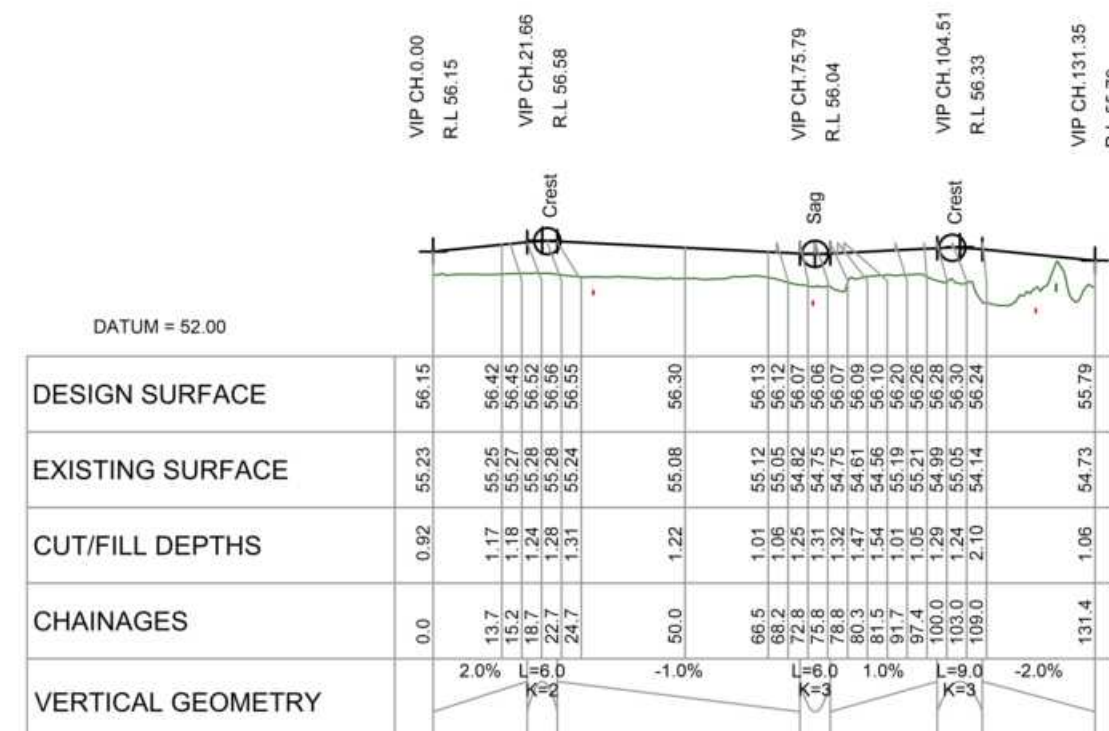


LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



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



MCKENZIE & CO.

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

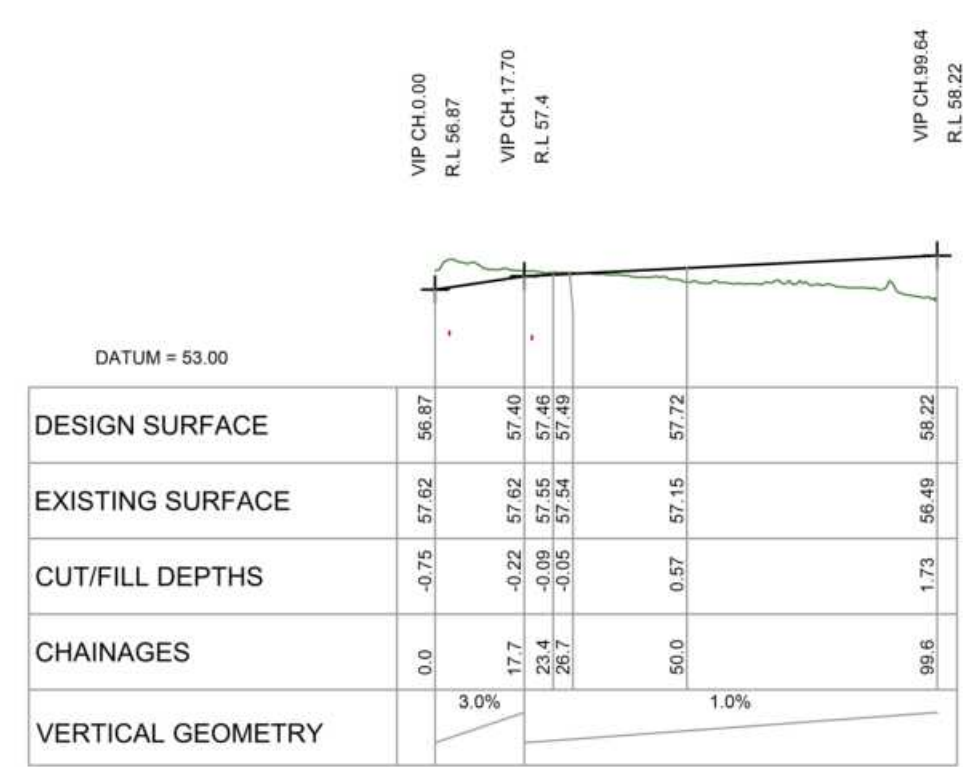
REV:

B

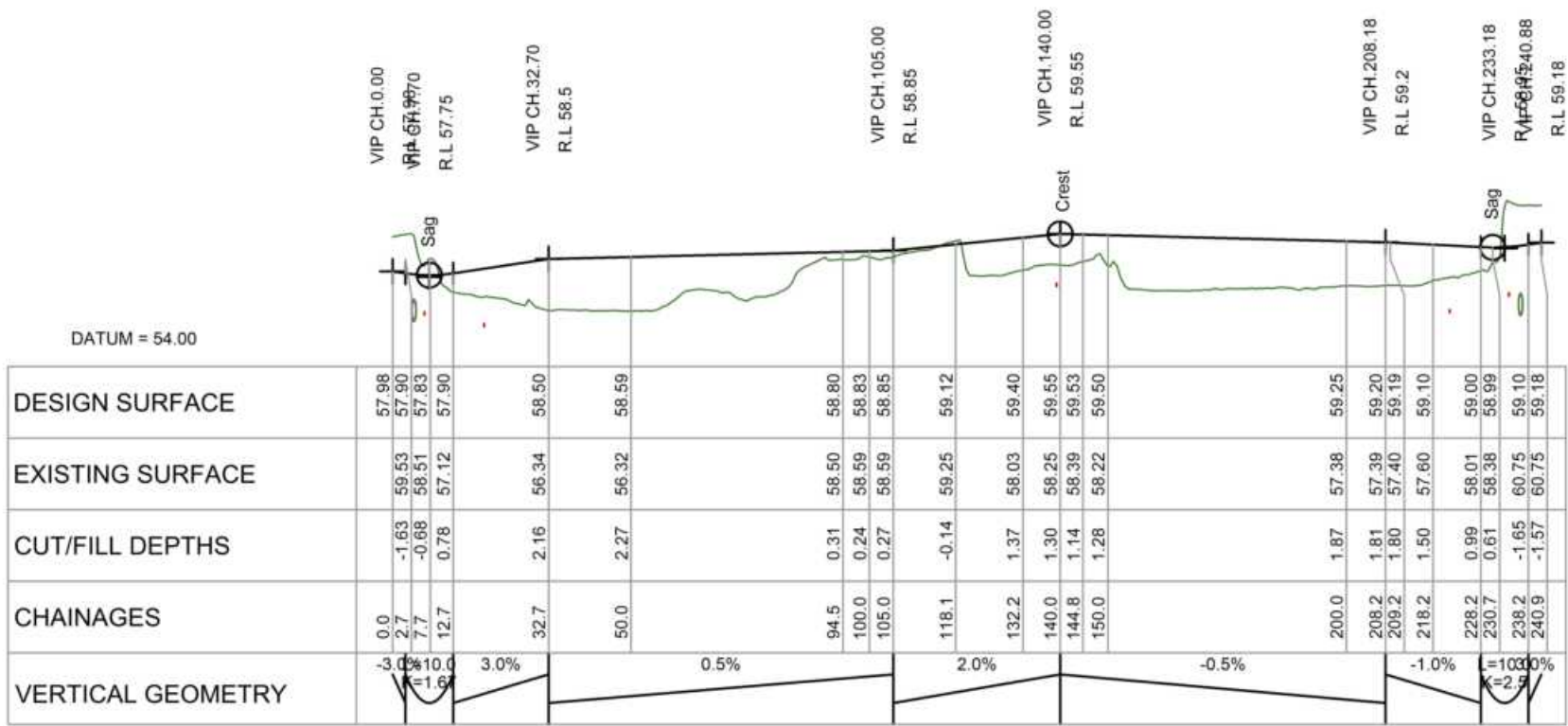
B	DRAWING UPDATES	SH	SL	JK	07/01/26
A	FIRST ISSUE	SH	SL	JK	07/11/25
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE



LONGITUDINAL PLAN
SCALE = 1:1500 @ A3



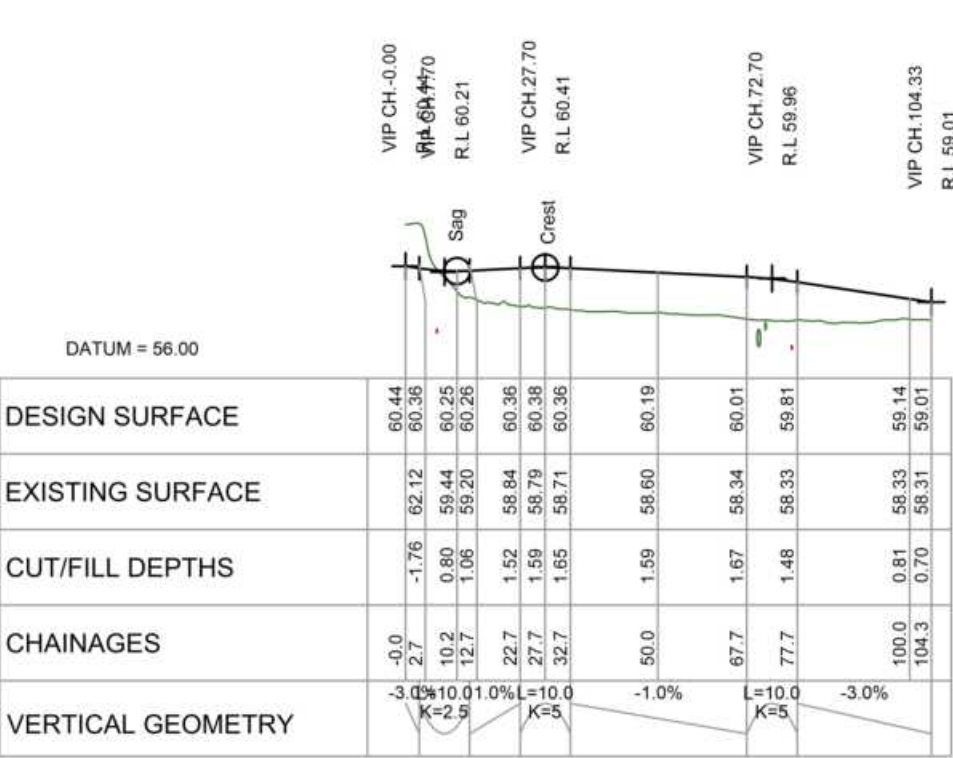
LONGITUDINAL SECTION JOAL 7
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



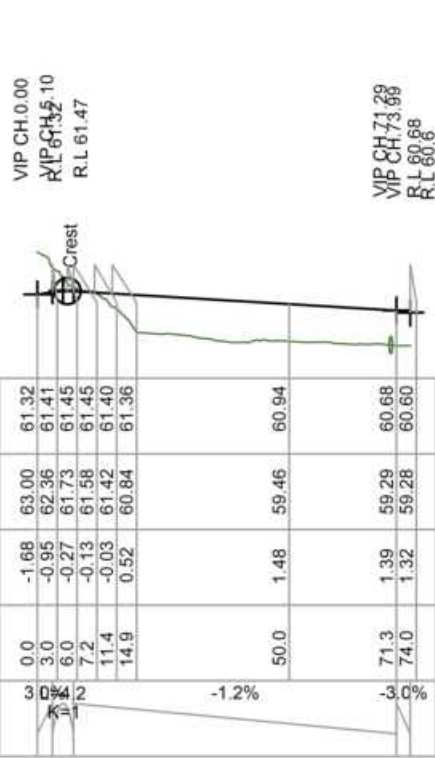
LONGITUDINAL SECTION JOAL 8
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



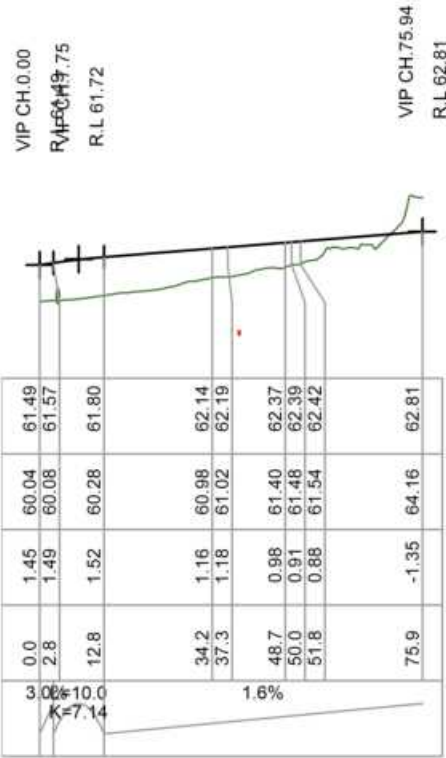
LONGITUDINAL PLAN
SCALE =1:1500 @ A3



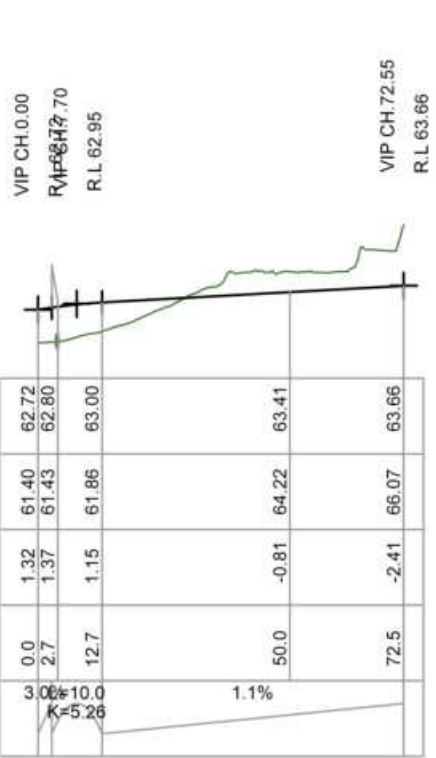
LONGITUDINAL SECTION JOAL 9
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



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



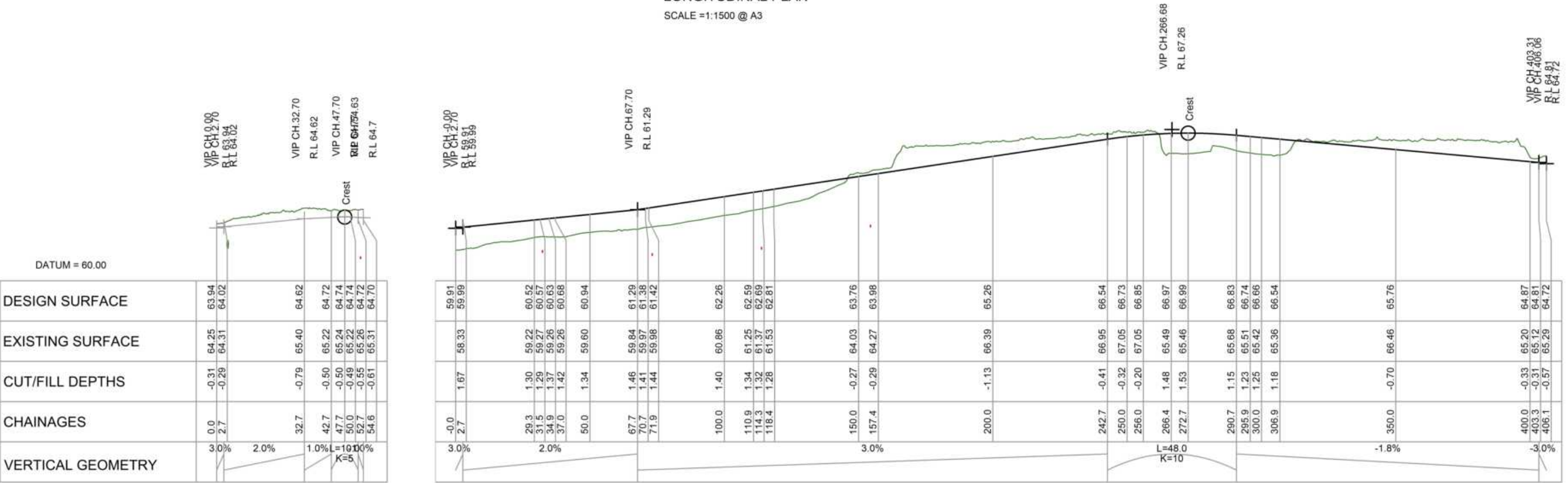
LONGITUDINAL SECTION JOAL 12
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3



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



LONGITUDINAL PLAN
SCALE = 1:1500 @ A3

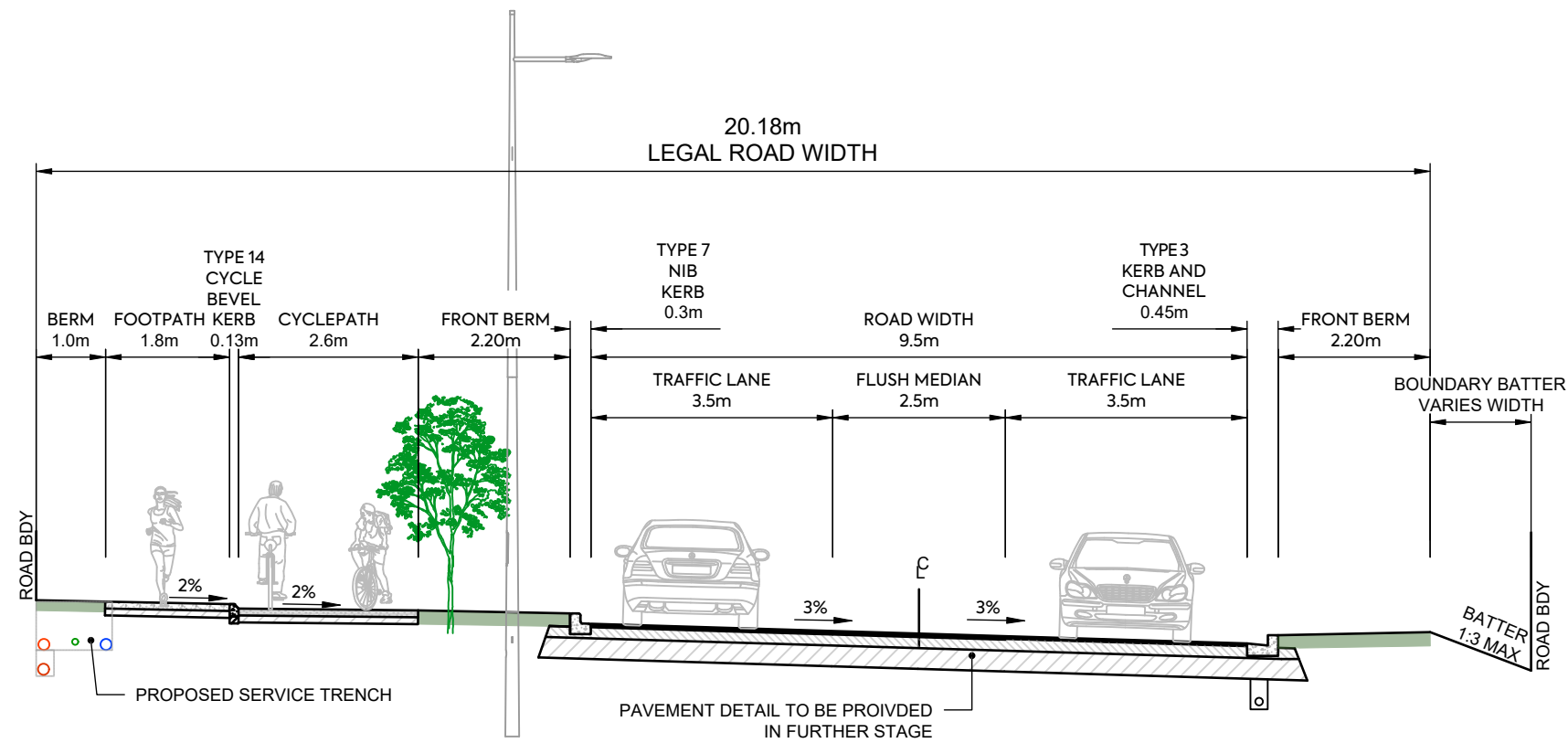


LONGITUDINAL SECTION JOAL 14
SCALE HORIZ=1:1500 @ A3 / VERT=1:300 @ A3

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

NOTES

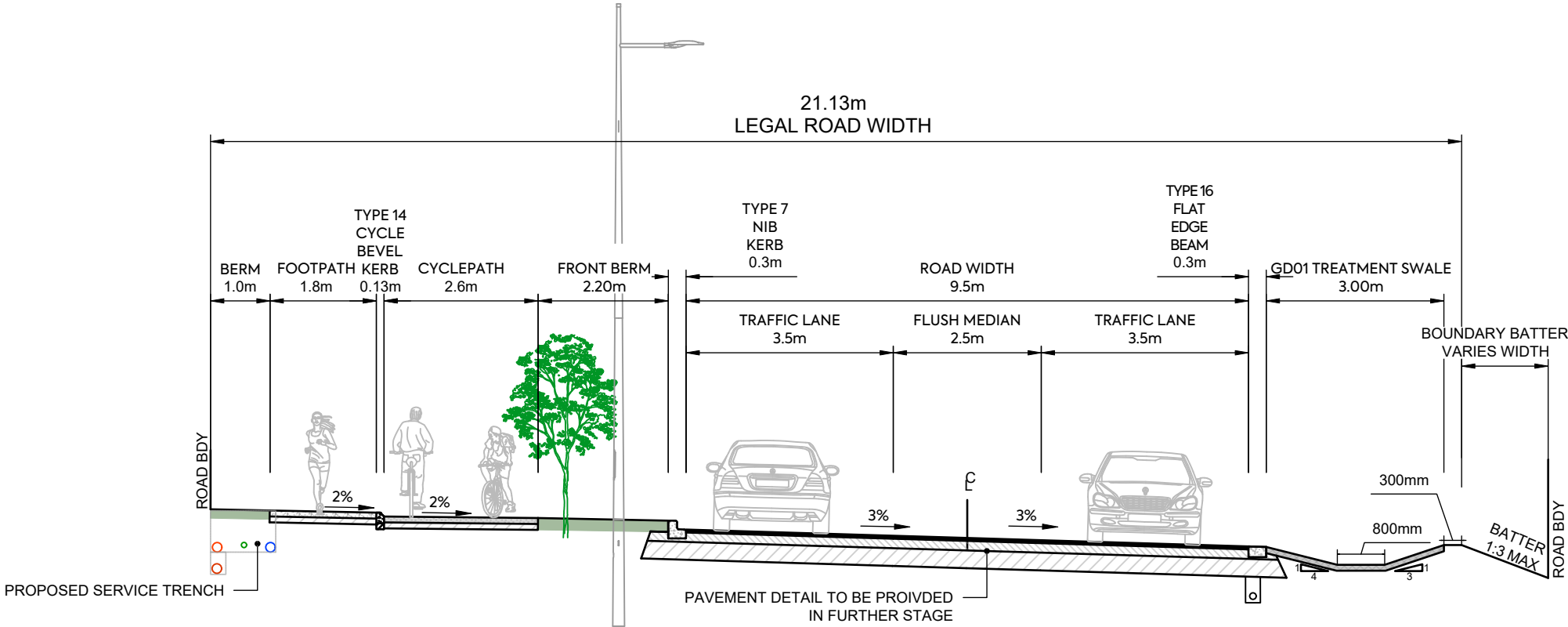
1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
2. GRADE 4 MEMBRANE CHIPSEAL TO BE PLACED (AT 1L/m² OF RESIDUAL BITUMEN) ON BASECOURSE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



COLLECTOR ROAD - TYPICAL CROSS SECTION CH130 - CH305



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
TYPICAL CROSS SECTION
SHEET 2

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:100
DO NOT SCALE

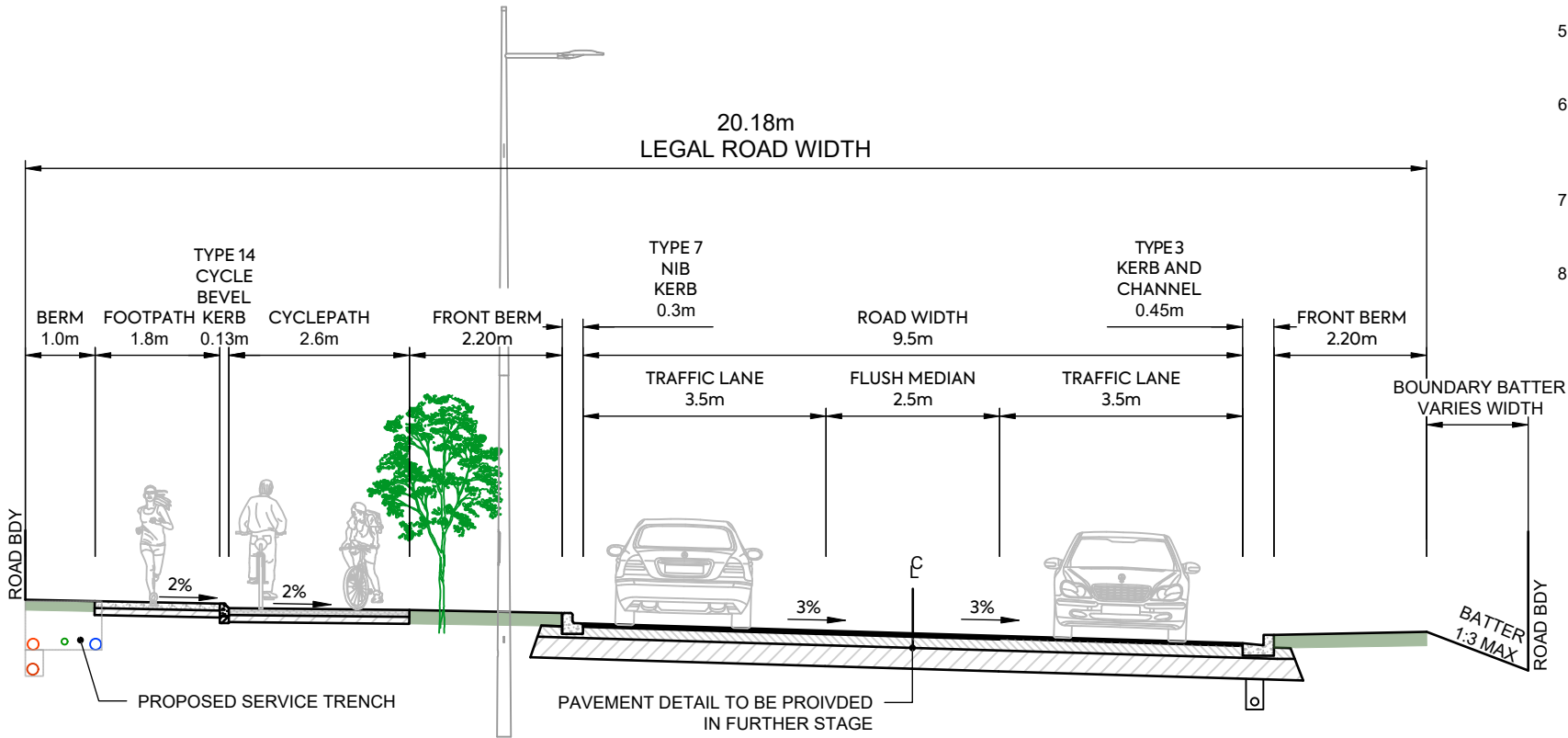
DRAWING NO:
3325-2-3601

REV:
A

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

NOTES

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



COLLECTOR ROAD - TYPICAL CROSS SECTION CH305 - CH465

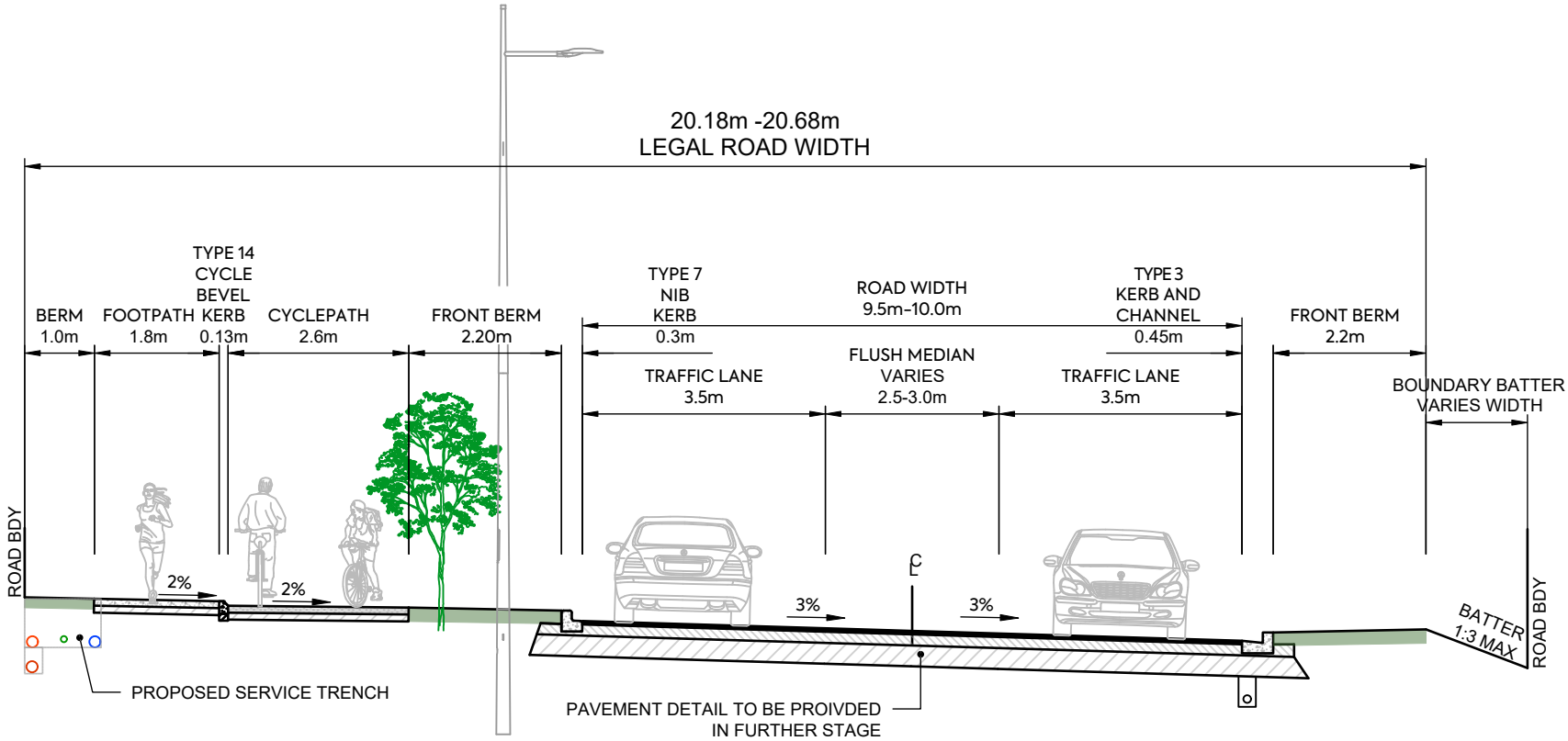


CLIENT:		PROJECT:		TITLE:		PURPOSE OF ISSUE:	
AW HOLDINGS 2021 LIMITED		AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND		ROADING TYPICAL CROSS SECTION SHEET 3		FOR RESOURCE CONSENT	
SCALE:		DRAWING NO:		REV:			
1:100 DO NOT SCALE		3325-2-3602		A			

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

NOTES

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



COLLECTOR ROAD - TYPICAL CROSS SECTION CH465 - CH565



CLIENT:		PROJECT:		TITLE:		PURPOSE OF ISSUE:	
AW HOLDINGS 2021 LIMITED		AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND		ROADING TYPICAL CROSS SECTION SHEET 4		FOR RESOURCE CONSENT	
REV: A		DRAWING NO: 3325-2-3603		SCALE: 1:100 DO NOT SCALE		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.
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.

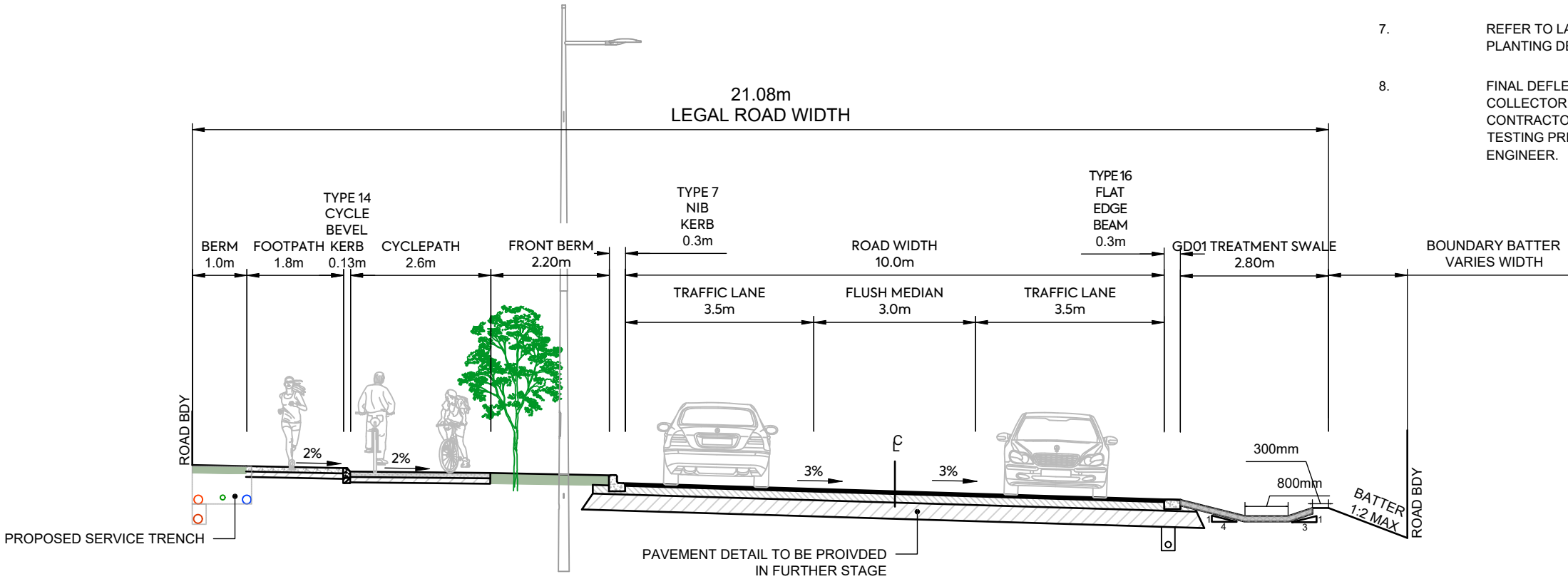
REFER TO STREETLIGHTING PLANS FOR LIGHTING DETAILS. COLUMNS TO BE MINIMUM 1.0m OFFSET FROM FACE OF KERB TO FACE OF POLE UNLESS SPECIFIED.
5.

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 UNDEDRTAKE BENKELMAN BEAM TESTING PRIOR TO SURFACING FOR APPROVAL BY THE ENGINEER.



COLLECTOR ROAD - TYPICAL CROSS SECTION CH565 - CH952



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
TYPICAL CROSS SECTION
SHEET 5

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:100
DO NOT SCALE

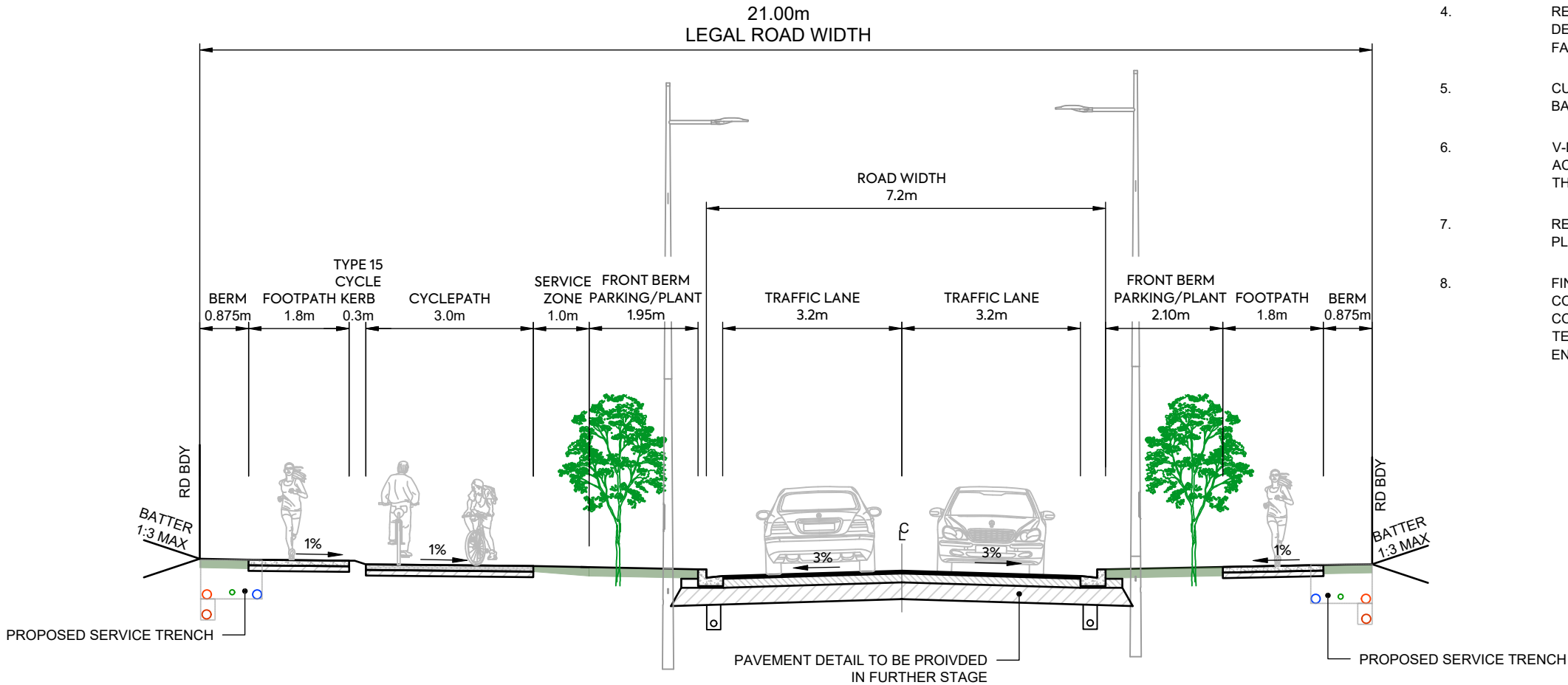
DRAWING NO:
3325-2-3604

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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SPINE ROAD - TYPICAL CROSS SECTION CH0 - CH333



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
TYPICAL CROSS SECTION
SHEET 6

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
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DO NOT SCALE

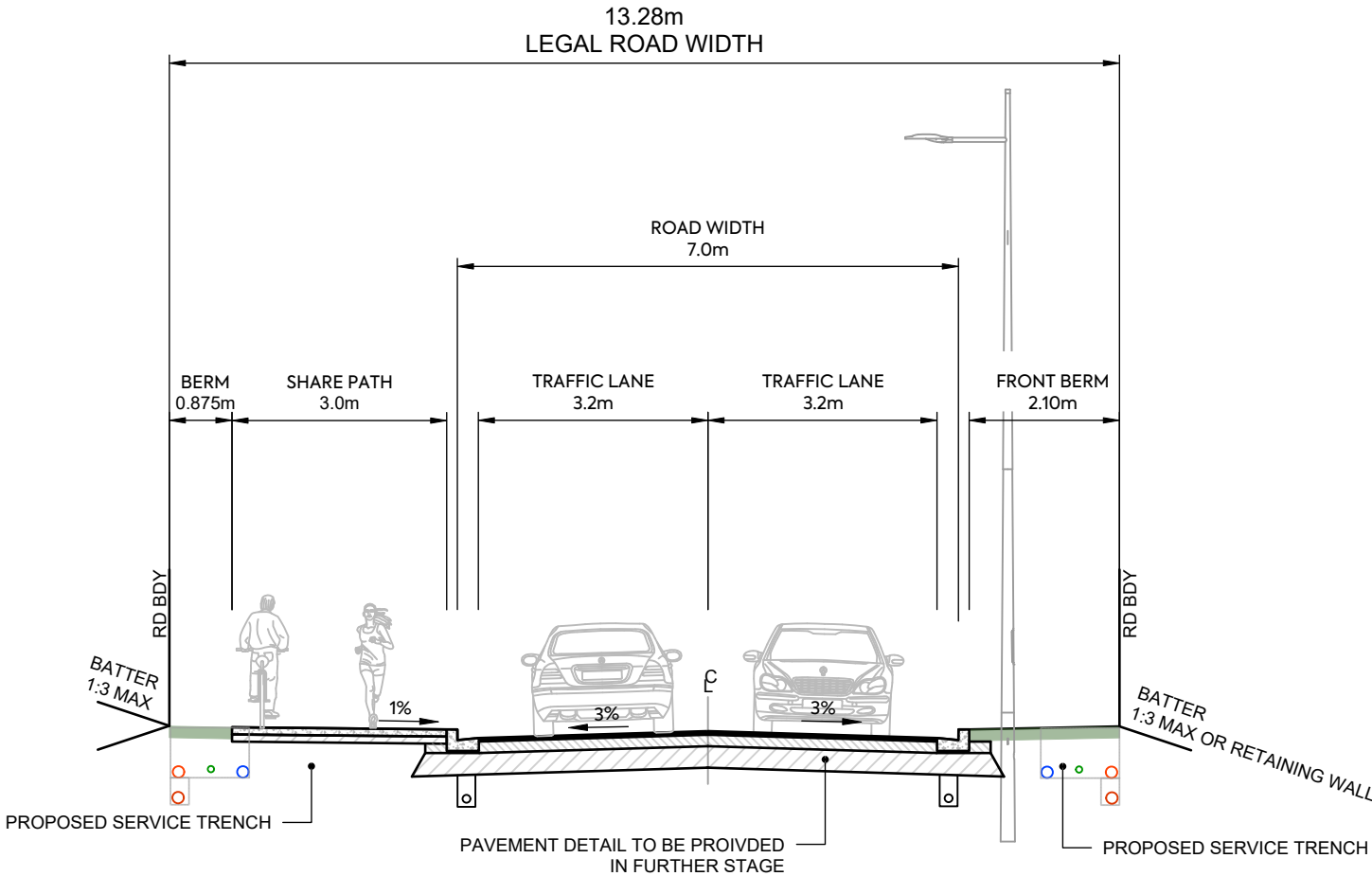
DRAWING NO:
3325-2-3605

REV:
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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SPINE ROAD - TYPICAL CROSS SECTION CH333-370

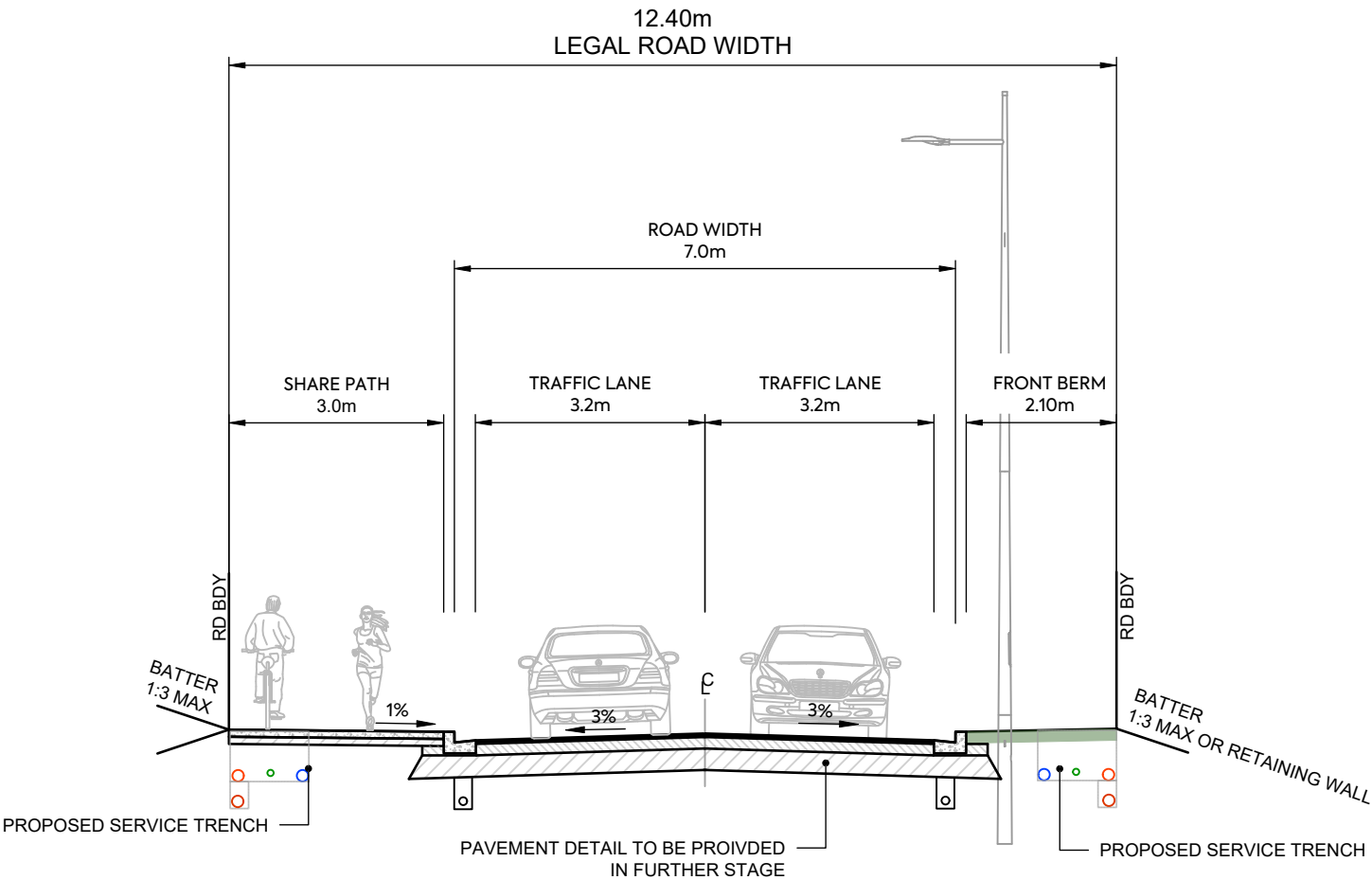


CLIENT:	PROJECT:	TITLE:	PURPOSE OF ISSUE:
AW HOLDINGS 2021 LIMITED	AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	ROADING TYPICAL CROSS SECTION SHEET 7	FOR RESOURCE CONSENT
SCALE: 1:100 DO NOT SCALE			REV:
DRAWING NO: 3325-2-3606			A

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

NOTES

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SPINE ROAD - TYPICAL CROSS SECTION CH396-421



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
TYPICAL CROSS SECTION
SHEET 8

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
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DO NOT SCALE

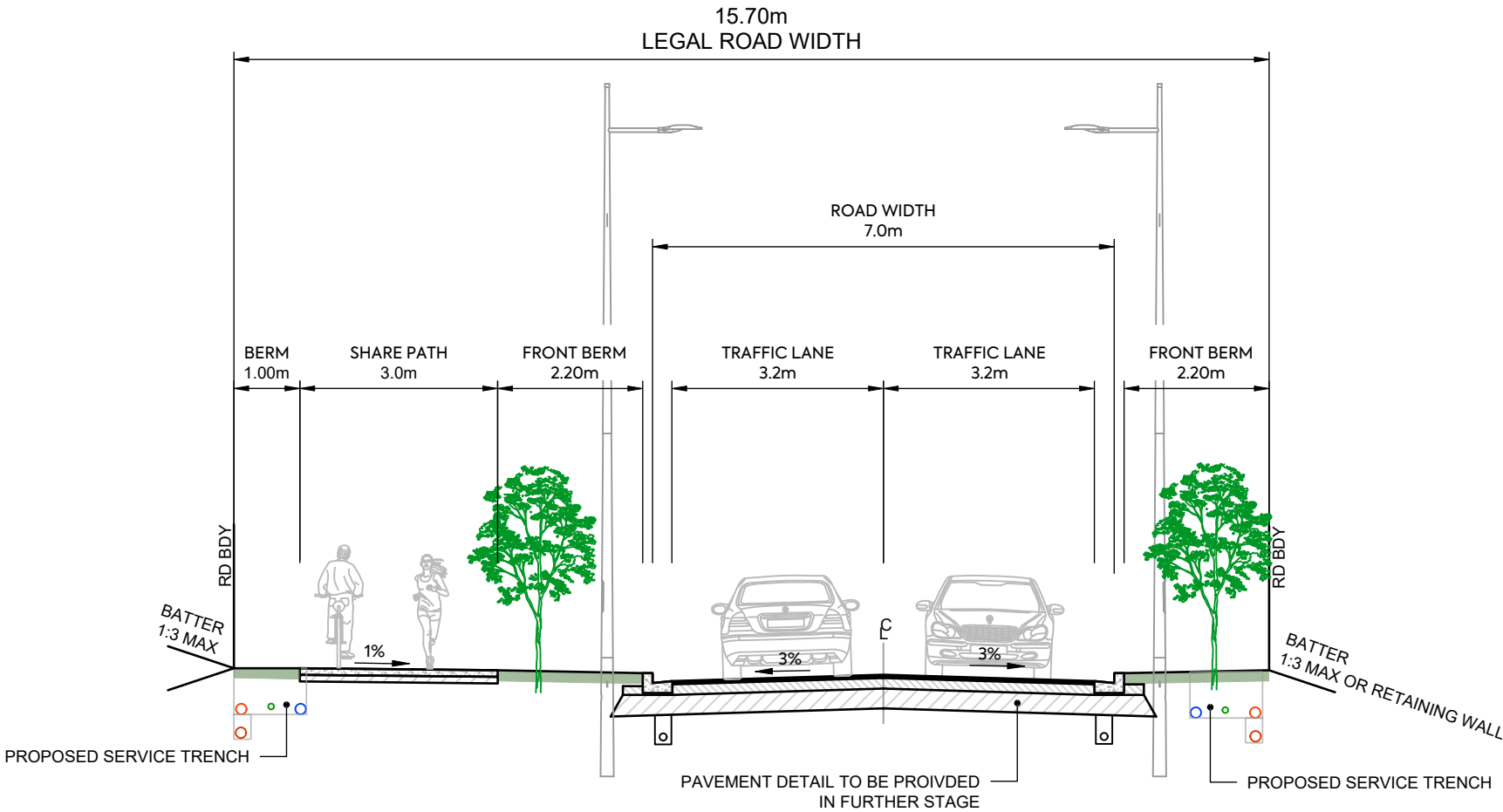
DRAWING NO:
3325-2-3607

REV:
A

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

NOTES

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SPINE ROAD - TYPICAL CROSS SECTION CH421 - CH485



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
TYPICAL CROSS SECTION
SHEET 9

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:100
DO NOT SCALE

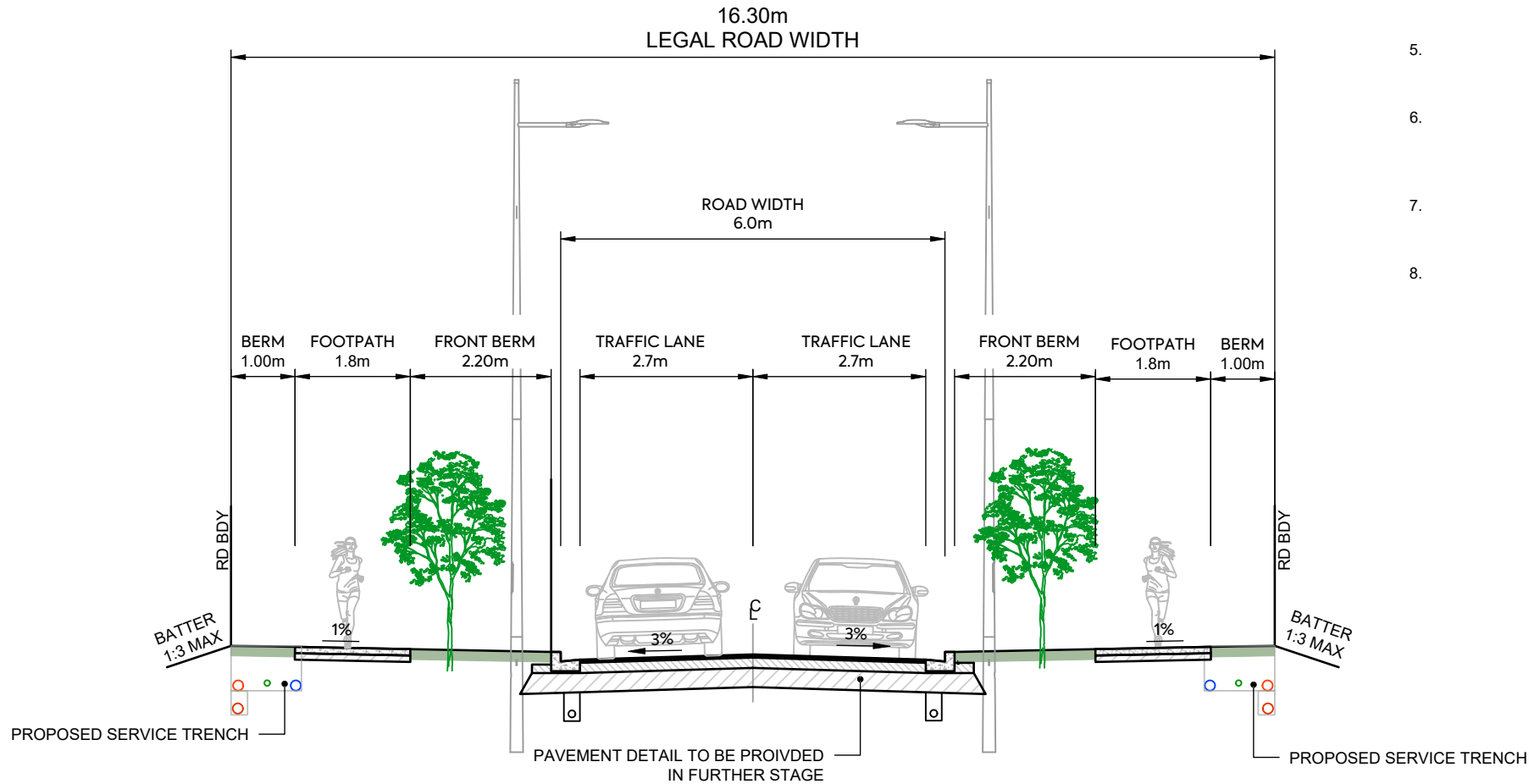
DRAWING NO:
3325-2-3608

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

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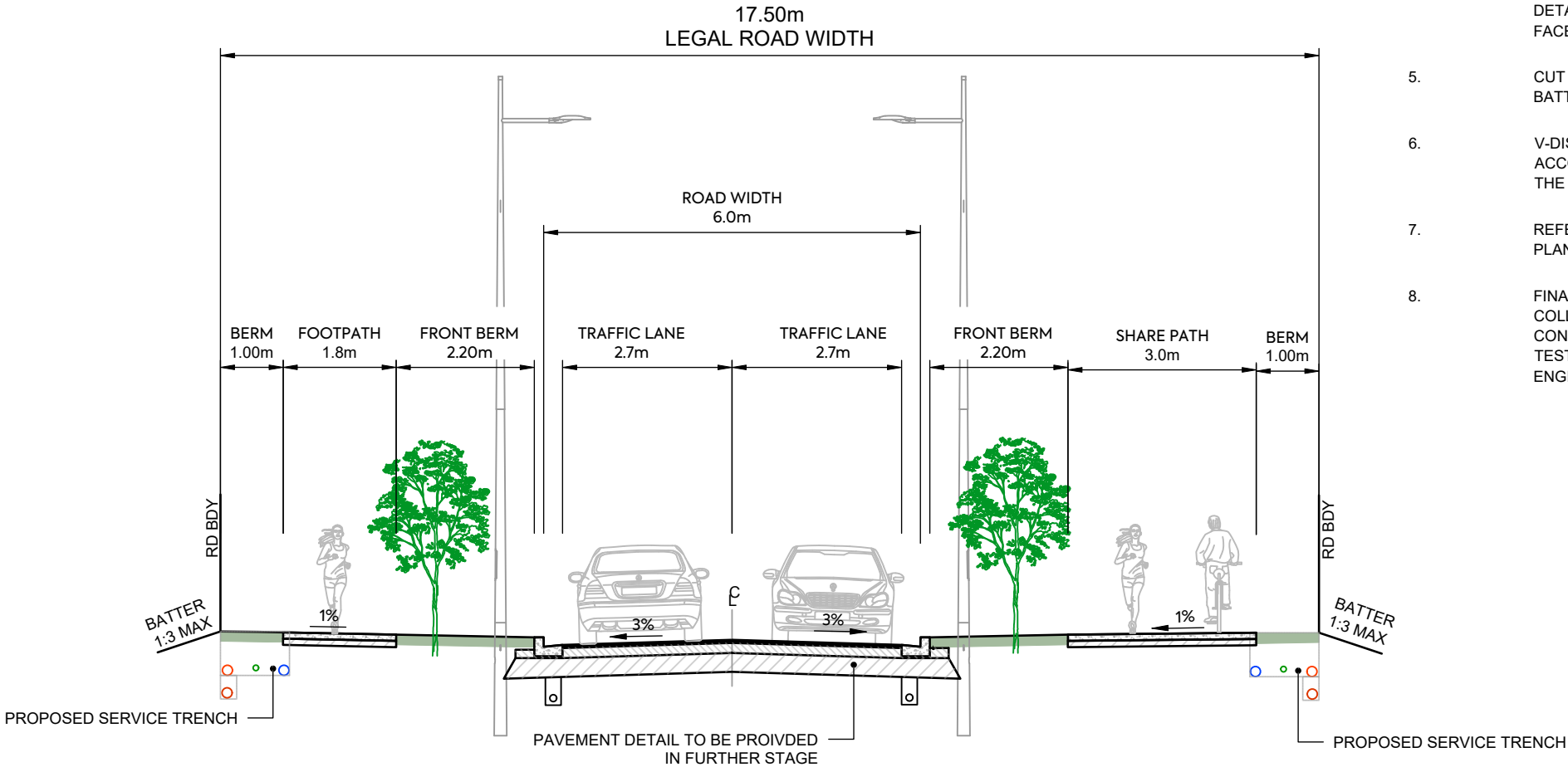
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SPINE ROAD - TYPICAL CROSS SECTION CH485 - CH638

NOTES

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SPINE ROAD - TYPICAL CROSS SECTION CH638 - CH875



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
TYPICAL CROSS SECTION
SHEET 11

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:100
DO NOT SCALE

DRAWING NO:
3325-2-3610

REV:
A

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

NOTES

1.

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4.

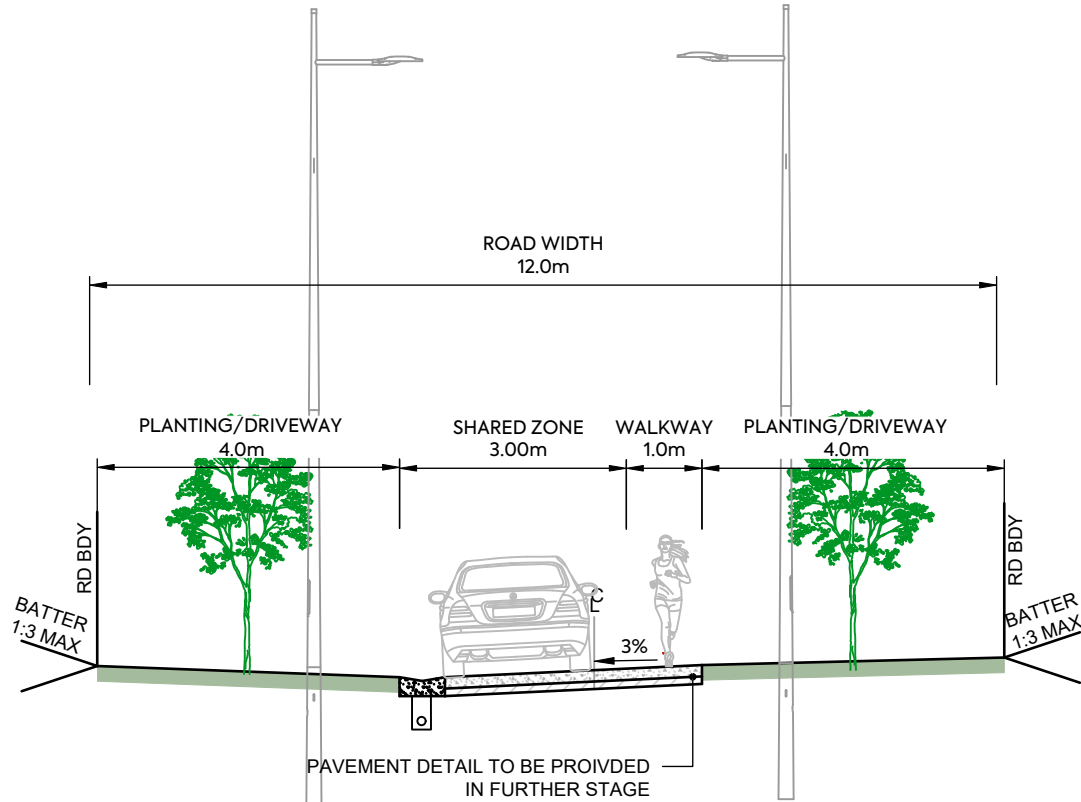
REFER TO STREETLIGHTING PLANS FOR LIGHTING DETAILS. COLUMNS TO BE MINIMUM 1.0m OFFSET FROM FACE OF KERB TO FACE OF POLE UNLESS SPECIFIED.
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8.

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JOAL - TYPICAL CROSS SECTION



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
TYPICAL CROSS SECTION
SHEET 12

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

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DO NOT SCALE

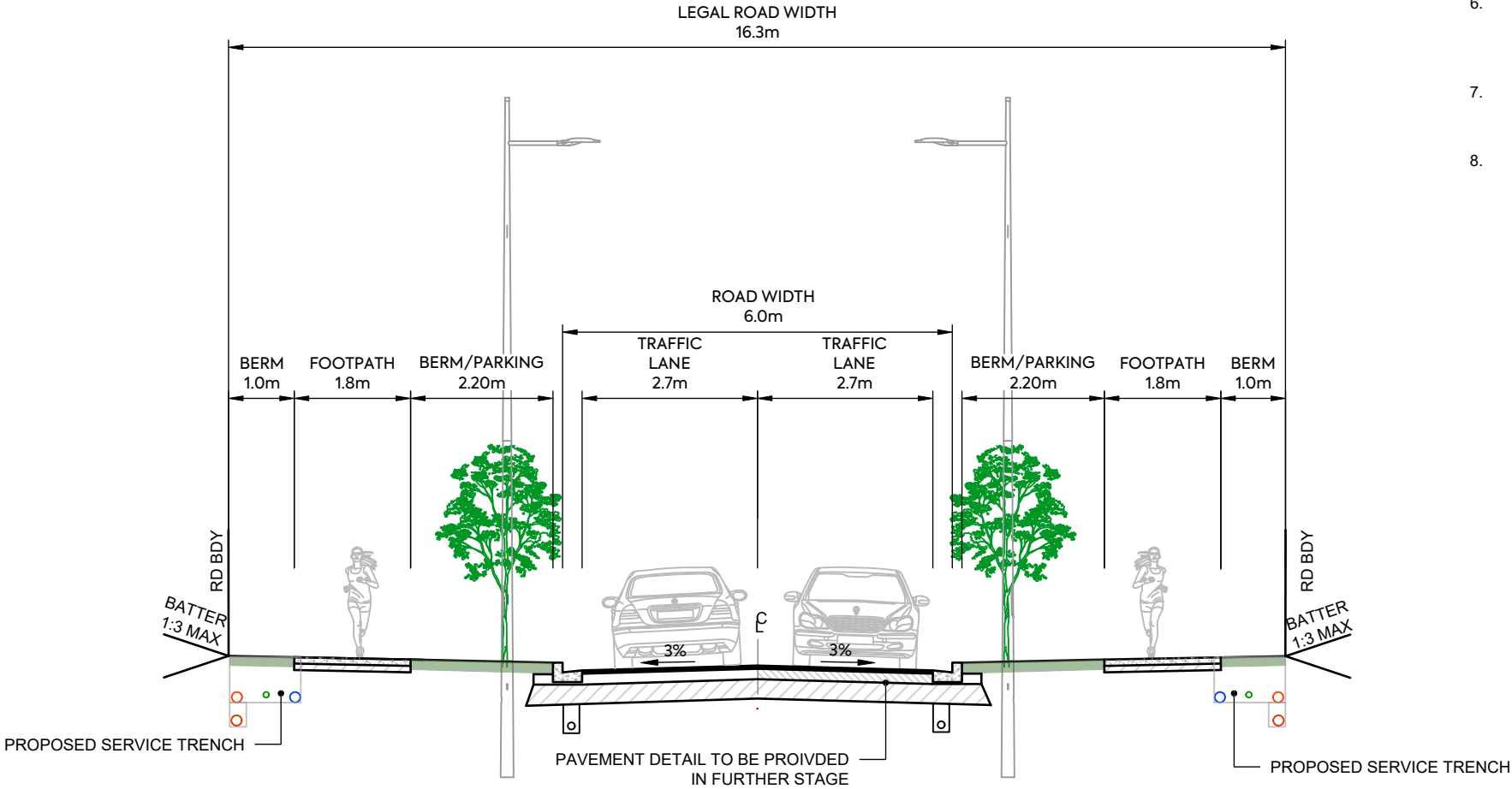
DRAWING NO:
3325-2-3611

REV:
A

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

NOTES

1.
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16.3m LOCAL ROAD - TYPICAL CROSS SECTION



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
TYPICAL CROSS SECTION
SHEET 13

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:100
DO NOT SCALE

DRAWING NO:
3325-2-3612

REV:
A

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

NOTES

1.

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3.

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4.

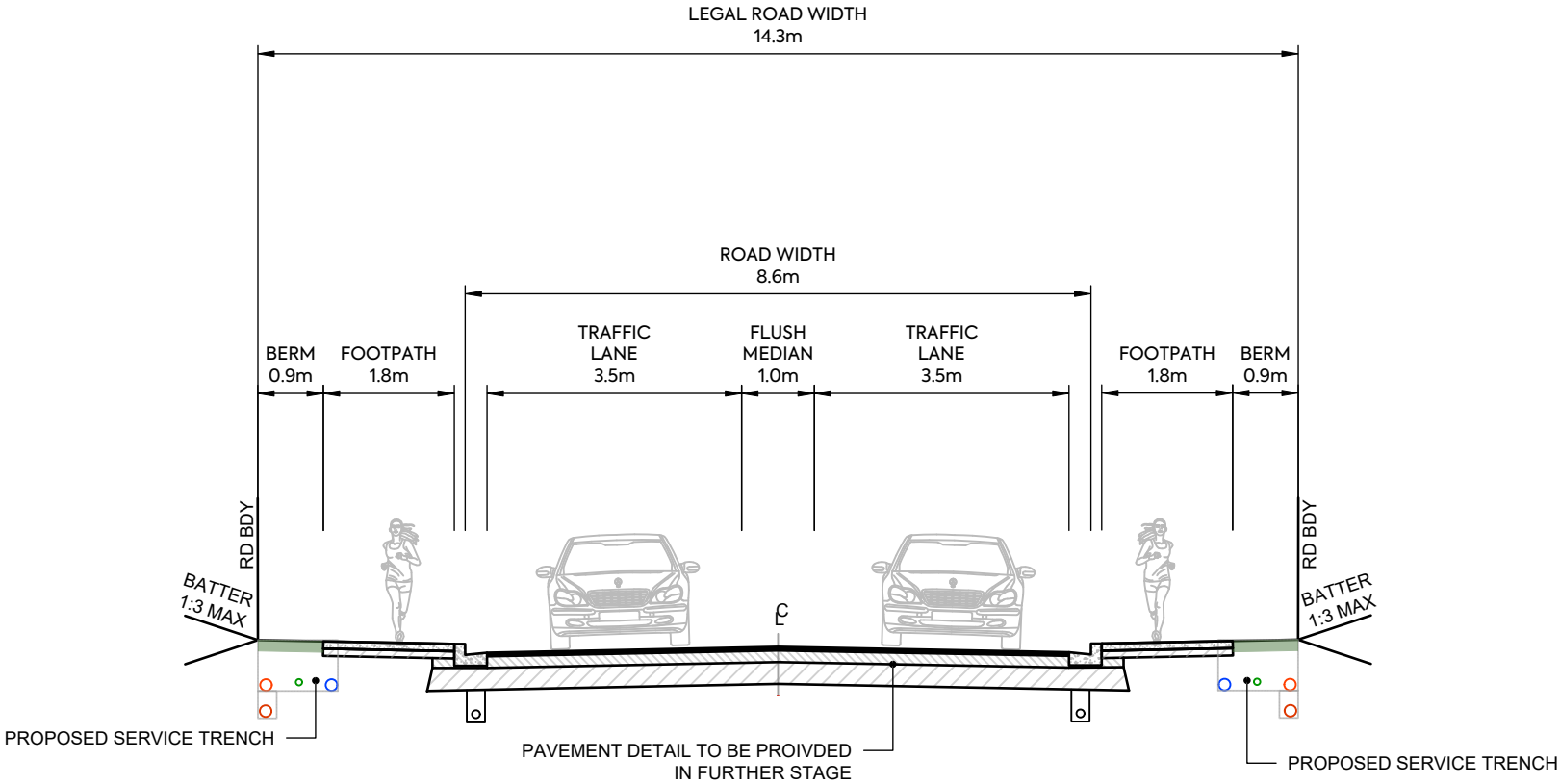
REFER TO STREETLIGHTING PLANS FOR LIGHTING DETAILS. COLUMNS TO BE MINIMUM 1.0m OFFSET FROM FACE OF KERB TO FACE OF POLE UNLESS SPECIFIED.
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18.6m INDUSTRIAL ROAD SOUTH - TYPICAL CROSS SECTION



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
TYPICAL CROSS SECTION
SHEET 14

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT

SCALE:
1:100
DO NOT SCALE

DRAWING NO:
3325-2-3613

REV:
A

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

NOTES

1.

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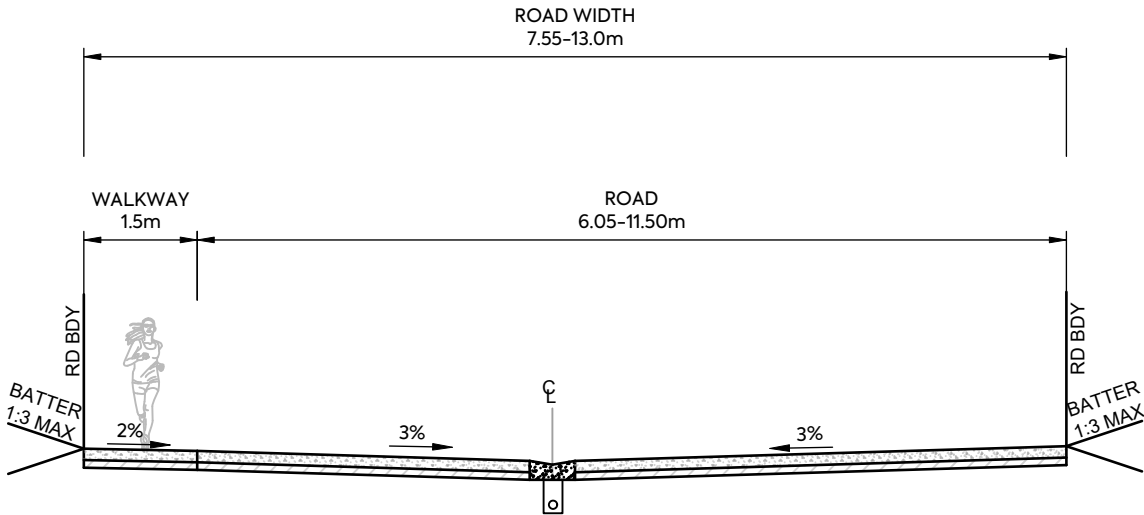
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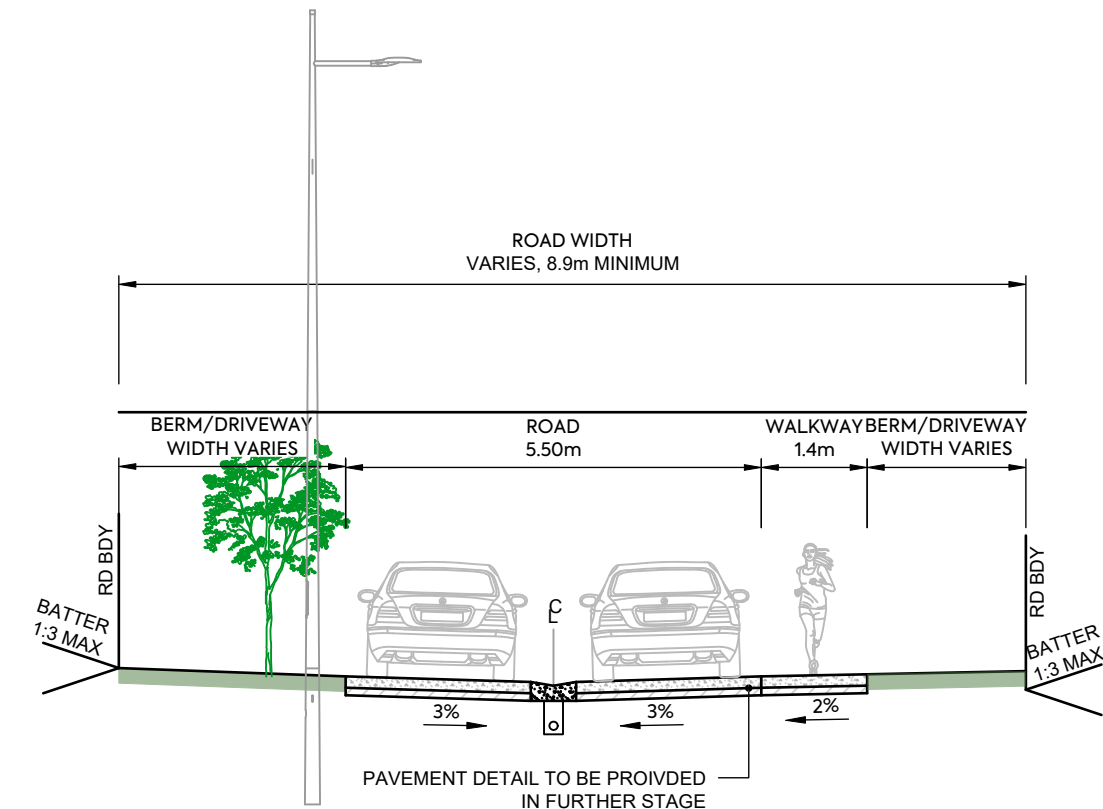


13.0m INDUSTRIAL ROAD EAST- TYPICAL CROSS SECTION

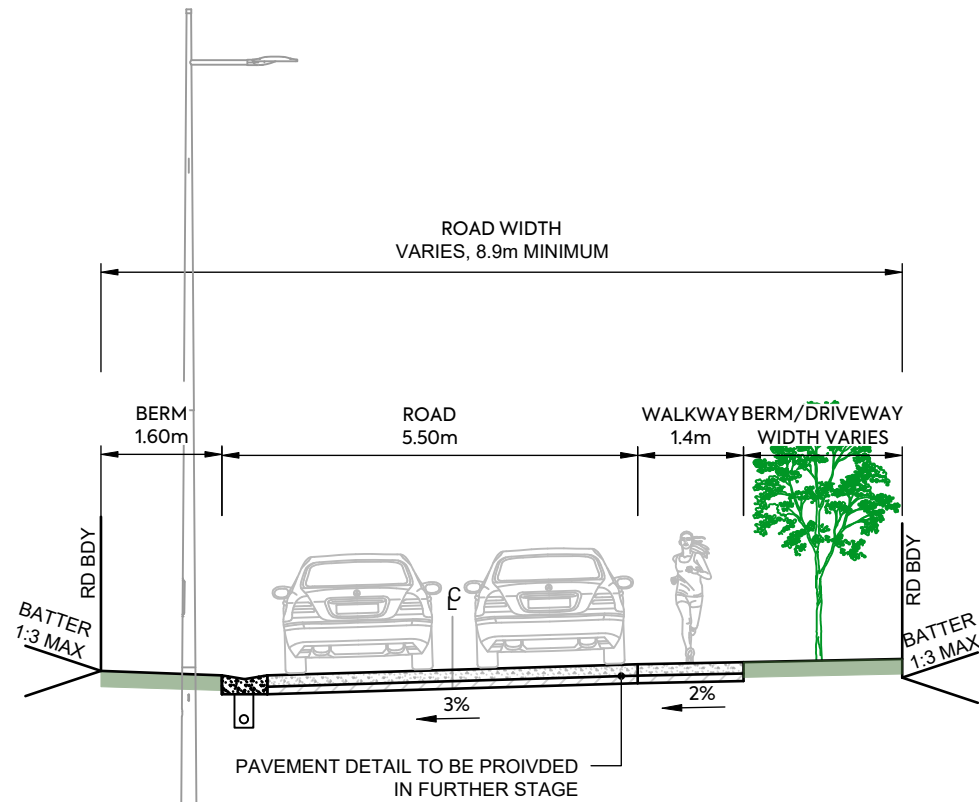


CLIENT:	PROJECT:	TITLE:	PURPOSE OF ISSUE:
AW HOLDINGS 2021 LIMITED	AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND	ROADING TYPICAL CROSS SECTION SHEET 15	FOR RESOURCE CONSENT
SCALE:			REV:
1:100			
DO NOT SCALE			
DRAWING NO:			
3325-2-3614			A

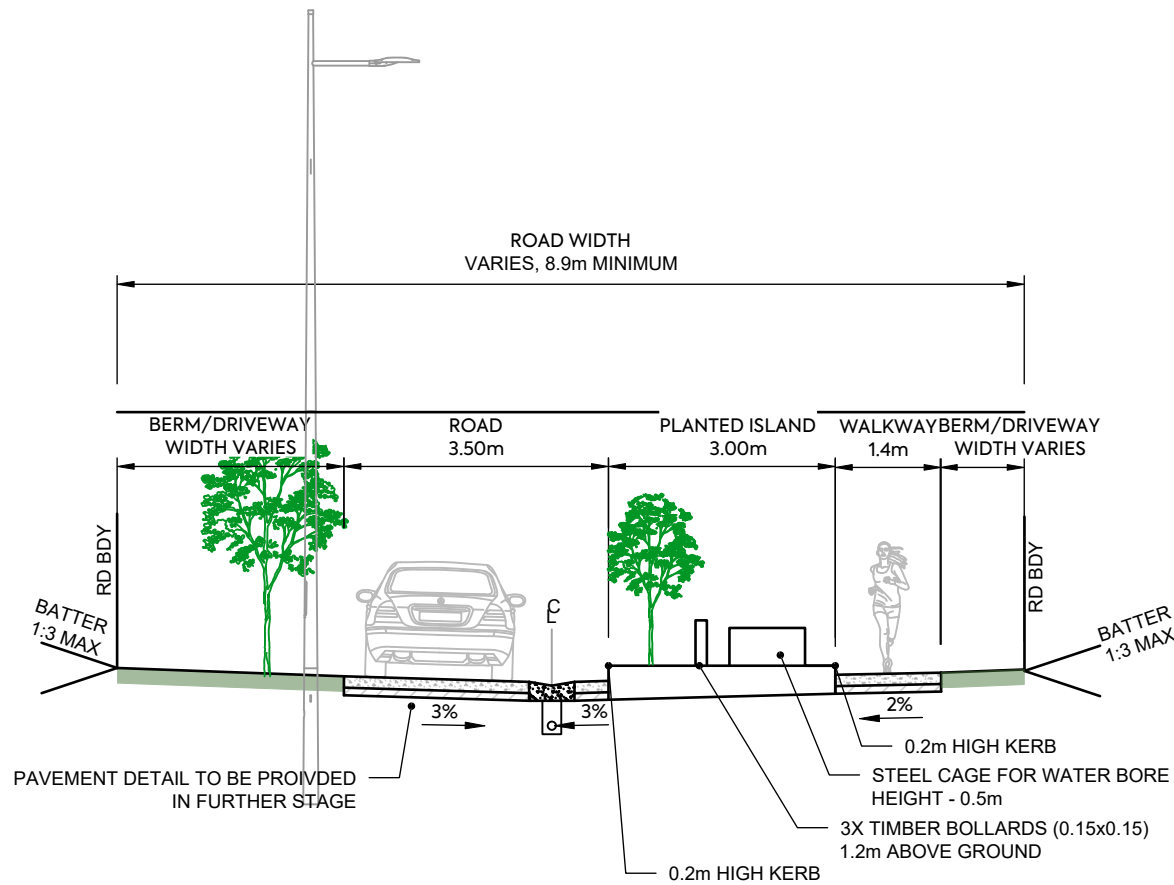
A	FIRST ISSUE	ZW	SL	JK	07/11/2025
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE



PRIVATE ROAD NORTHEAST - TYPICAL CROSS SECTION 1



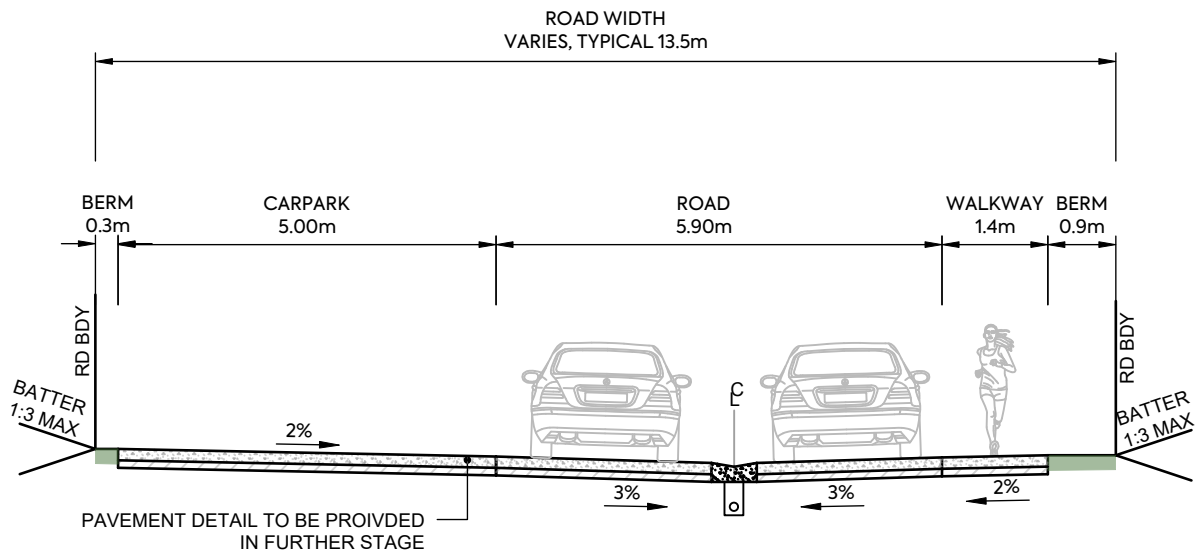
PRIVATE ROAD NORTHEAST - TYPICAL CROSS SECTION 2



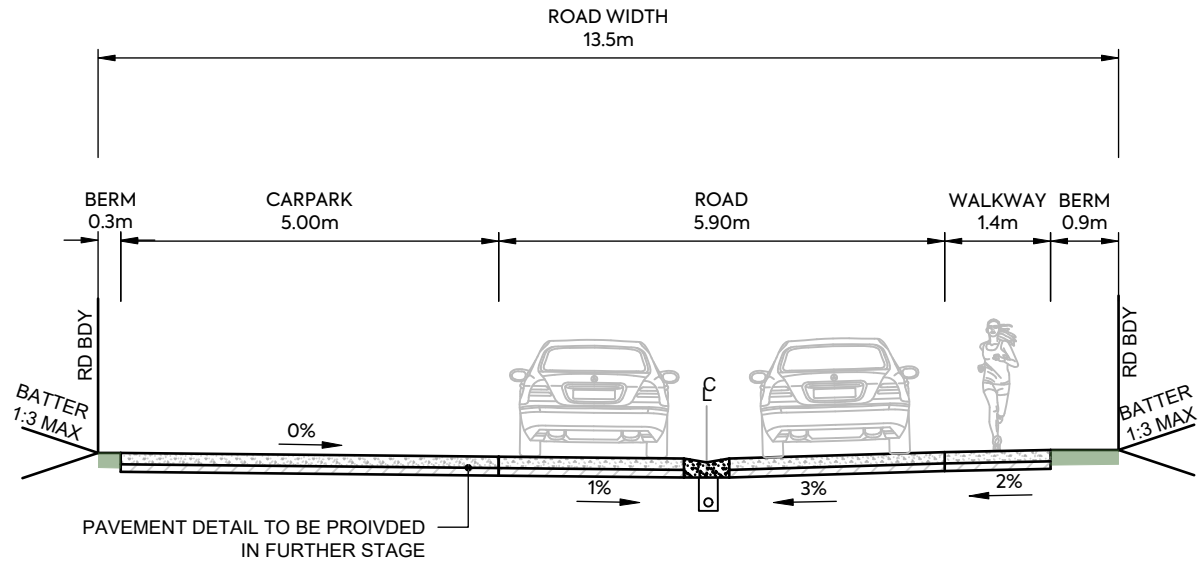
PRIVATE ROAD NORTHEAST - TYPICAL SECTION 3 WITH PLANTED ISLAND

NOTES

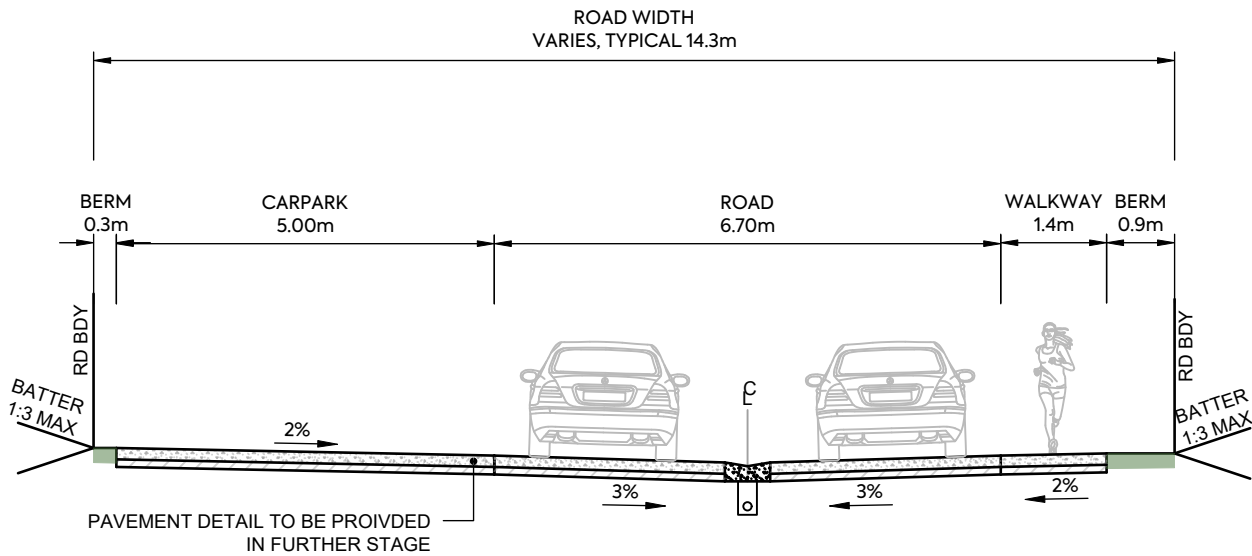
1. SUBGRADE CBR ASSUMED AS CBR OF 4% SUBGRADE TO BE TESTED BY SCALA PENETROMETER BY CONTRACTOR FOLLOWING BULK EARTHWORKS PRIOR TO FINAL ROAD TRIMMING. RESULTS TO BE PROVIDED TO THE ENGINEER TO CONFIRM PAVEMENT DEPTH.
2. GRADE 4 MEMBRANE CHIPSEAL TO BE PLACED (AT 1L/m² OF RESIDUAL BITUMEN) ON BASECOURSE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



PRIVATE ROAD NORTHEAST REGULAR CARPARKS - TYPICAL CROSS SECTION 1



PRIVATE ROAD NORTHEAST REGULAR CARPARKS - TYPICAL CROSS SECTION 2



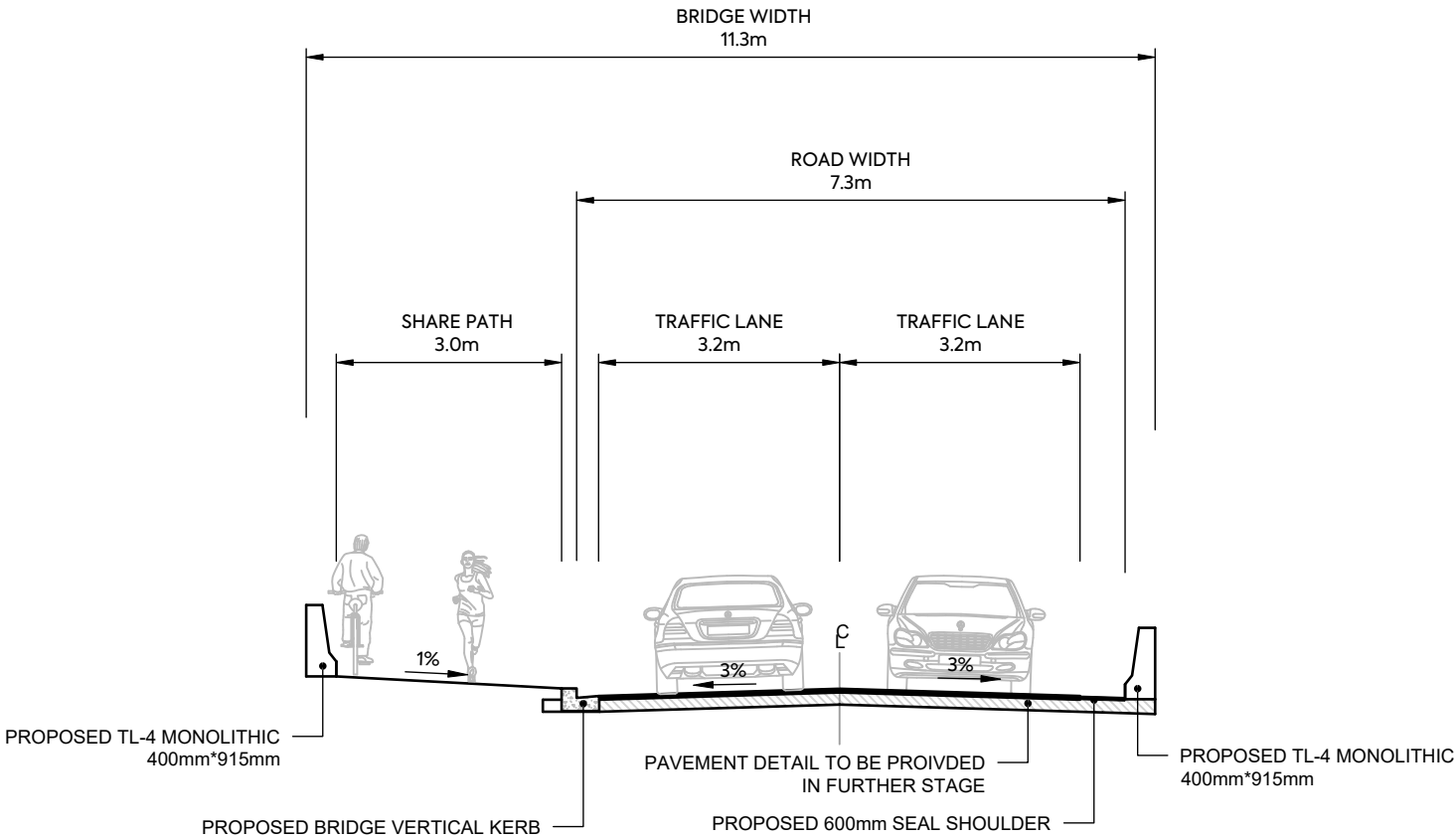
PRIVATE ROAD NORTHEAST CASUAL CARPARKS - TYPICAL CROSS SECTION

NOTES

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PUBLIC BRIDGE (SPINE ROAD) - TYPICAL CROSS SECTION



AW HOLDINGS 2021
LIMITED

AUCKLAND SURF PARK
1350 DAIRY FLAT HIGHWAY
DAIRY FLAT, AUCKLAND

ROADING
TYPICAL CROSS SECTION
SHEET 18

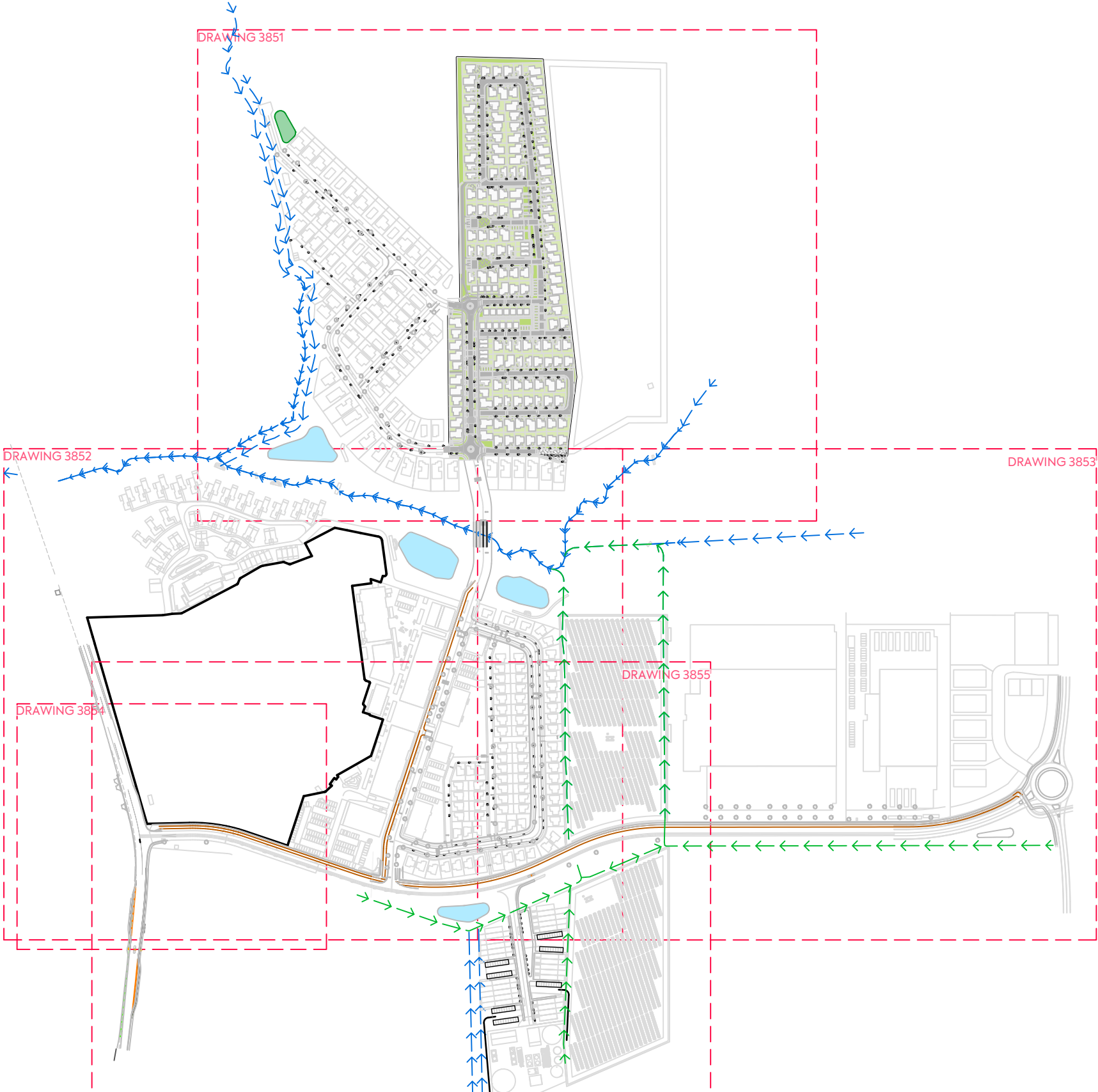
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FOR RESOURCE CONSENT

SCALE:
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DO NOT SCALE

DRAWING NO:
3325-2-3617

REV:
A

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



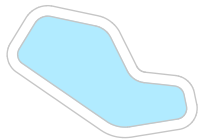
NOTES:

1. ALL WORK AND MATERIALS TO COMPLY WITH AUCKLAND TRANSPORT DESIGN MANUAL (TDM). ANY AMBIGUITY BETWEEN ISSUED DRAWINGS AND COUNCIL STANDARDS IS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.
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:						PROJECT:						TITLE:						PURPOSE OF ISSUE:																													
AW HOLDINGS 2021 LIMITED												AUCKLAND SURF PARK 1350 DAIRY FLAT HIGHWAY DAIRY FLAT, AUCKLAND												ROADING RUBBISH BIN LOCATION OVERALL PLAN												FOR RESOURCE CONSENT											
												SCALE: 1:5000												DO NOT SCALE												DRAWING NO:						REV:					
B DRAWING UPDATES												NS SL JK 30/01/26																																			
A FIRST ISSUE												SH SL JK 23/12/25																																			
REV DESCRIPTION						DRN BY						CHK BY						APP BY						DATE																							



REV

DESCRIPTION

DRN BY

CHK BY

APP BY

DATE

B

DRAWING UPDATES

30/01/26

A

FIRST ISSUE

23/12/25

MCKENZIE & CO.

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:

1:2000

DO NOT SCALE

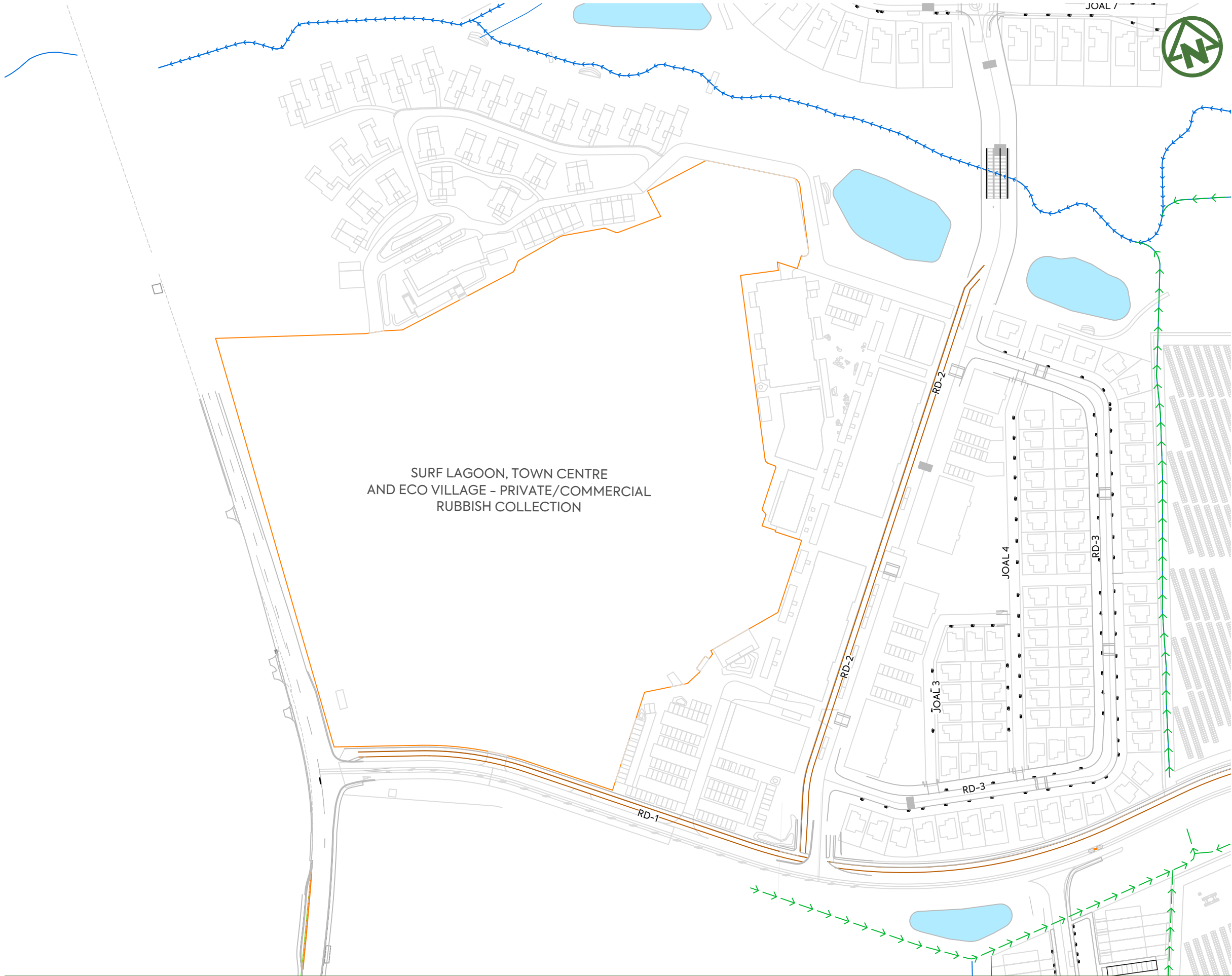
DRAWING NO:

3325-2-3851

REV:

B

PLOT DATE 2026-01-30 09:46:01 WWW.MCKENZIEANDCO.CO.NZ THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE C:\12DS\DATA\MCKF501\3325-2 SURF PARK STAGE 2_5052\DESIGN\6.5. DRAWINGS\3325-2-3850.DWG



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A	FIRST ISSUE	23/12/25
REV	DESCRIPTION	DRN BY CHK BY APP BY DATE

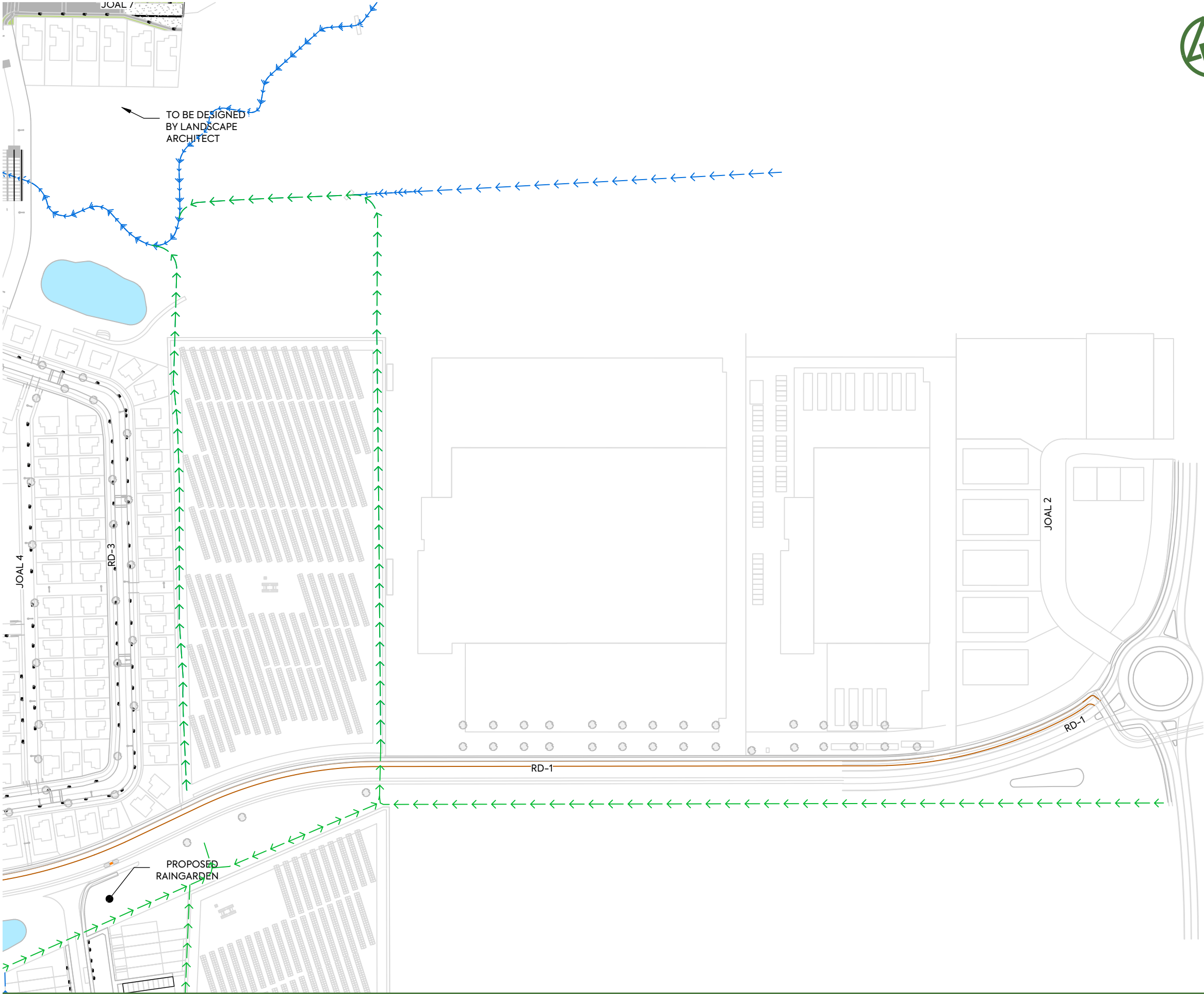


CLIENT:
AW HOLDINGS 2021
LIMITED

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

TITLE:
ROADING
RUBBISH BIN LOCATION
SHEET 2

PURPOSE OF ISSUE:
FOR RESOURCE CONSENT
SCALE:
1:2000
DO NOT SCALE
DRAWING NO:
3325-2-3852
REV:
B



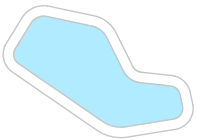
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- ROAD CENTRELINE - SPLINE
- ROAD CENTRELINE - LOCAL
- ROAD CENTRELINE - JOAL

CONSTRUCTED WETLAND



B

DRAWING UPDATES

A

FIRST ISSUE

NS

SH

JK

30/01/26

SH

SL

JK

23/12/25

REV

DESCRIPTION

DRN BY

CHK BY

APP BY

DATE

MCKENZIE & CO.

AW HOLDINGS 2021 LIMITED

AUCKLAND SURF PARK

1350 DAIRY FLAT HIGHWAY

DAIRY FLAT, AUCKLAND

ROADING

RUBBISH BIN LOCATION

SHEET 3

PURPOSE OF ISSUE:

FOR RESOURCE CONSENT

SCALE:

1:2000

DO NOT SCALE

DRAWING NO:

3325-2-3853

REV:

B

