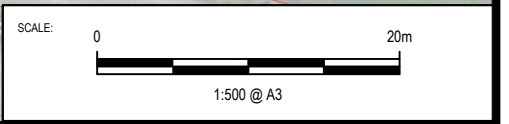
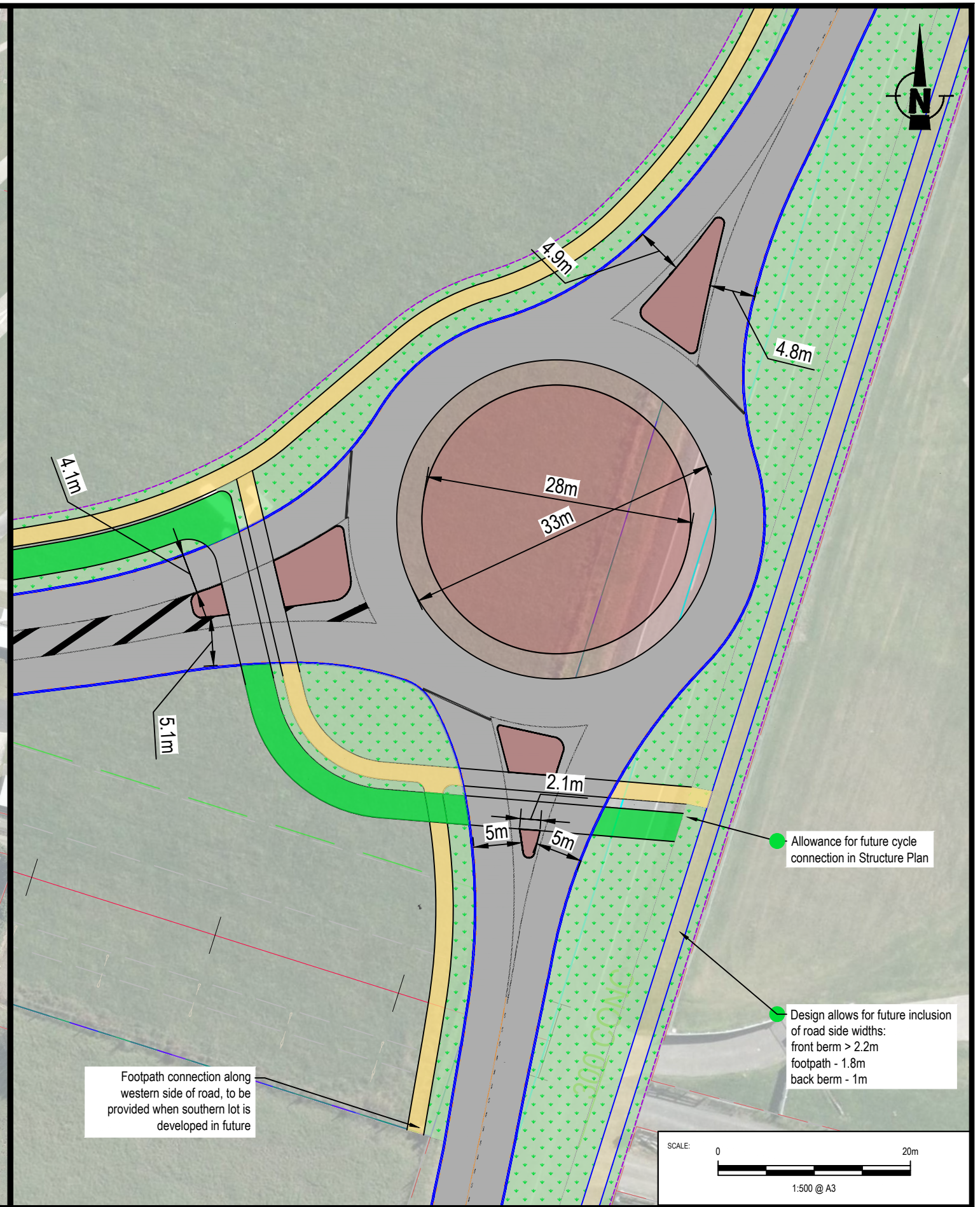
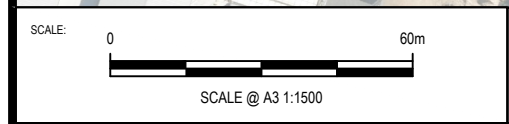
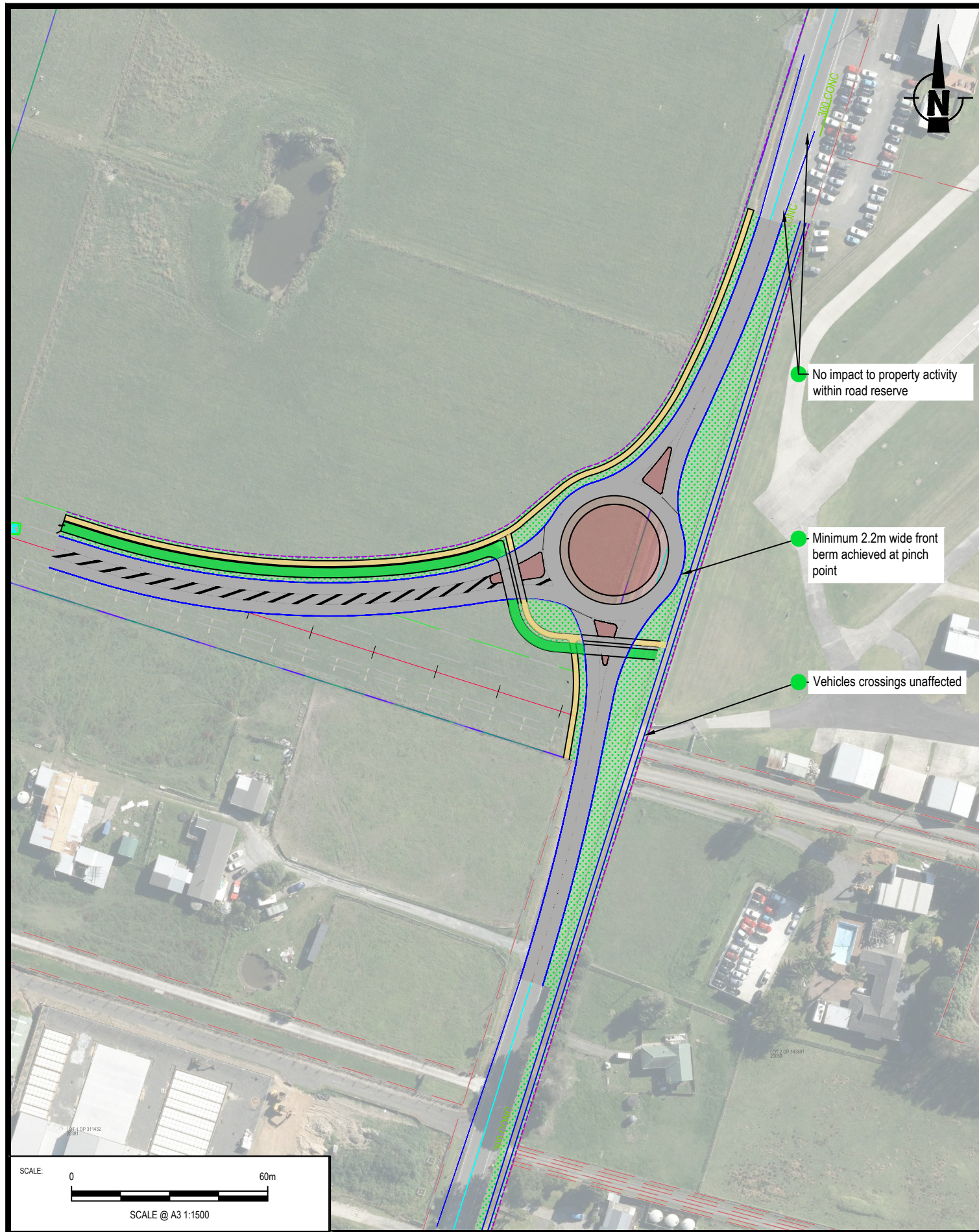

APPENDIX B

Postman Road roundabout





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A	First Issue	09/02/2026	CHECKED: ET	DATE: 09/02/2026

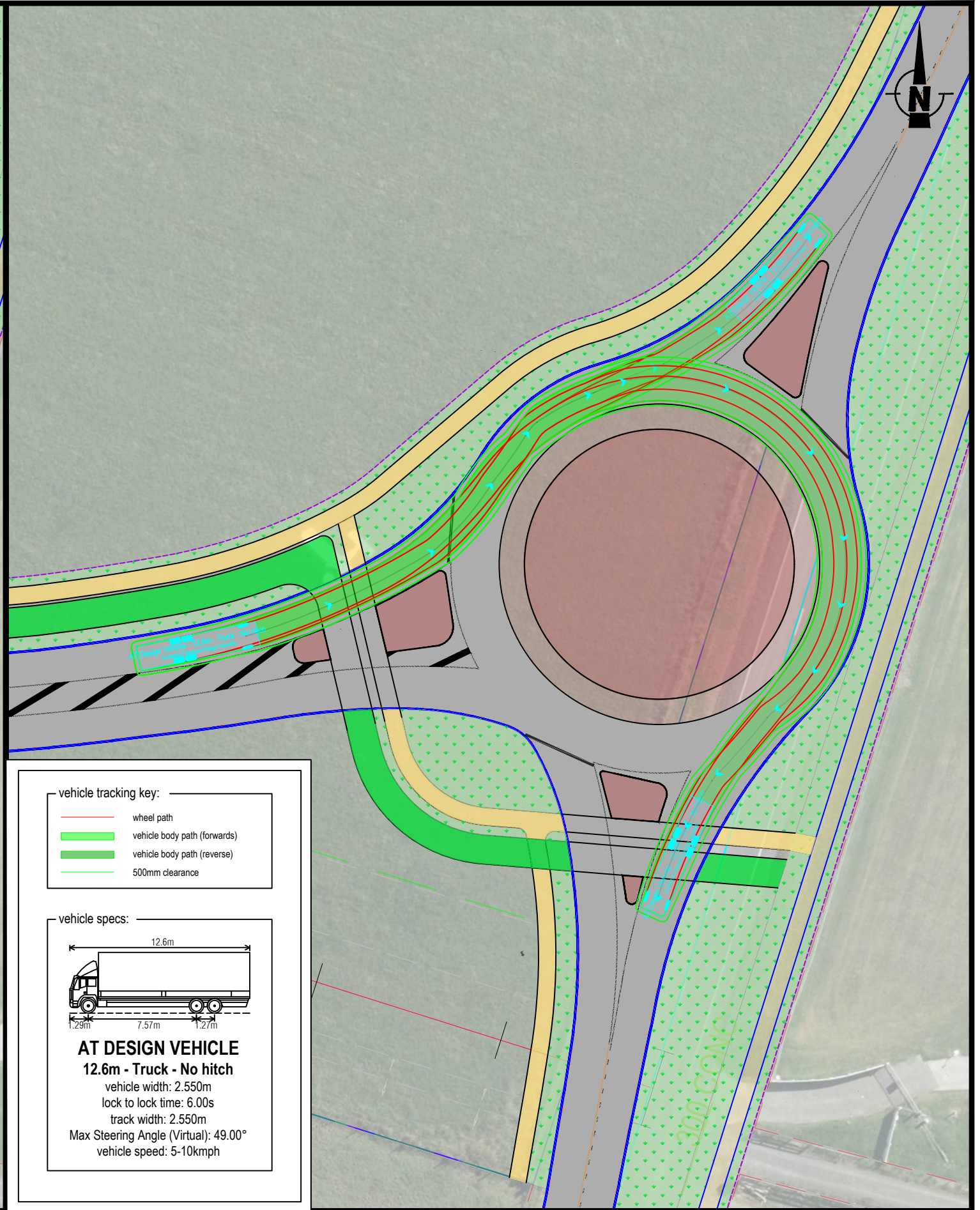
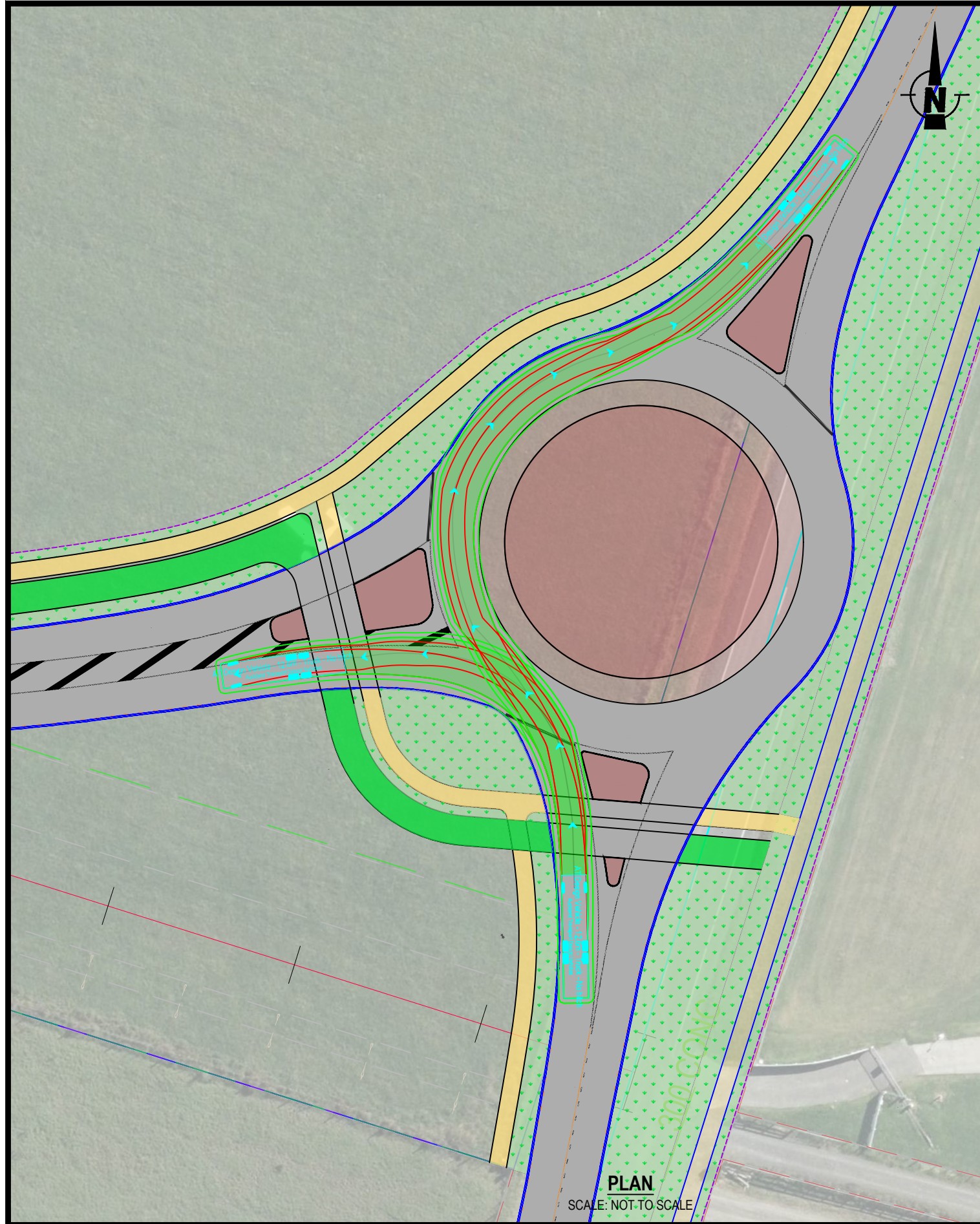
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NTS		

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK - STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY
FOR RESOURCE CONSENT

SHEET TITLE: **POSTMAN ROAD - INTERSECTION
 ROUNDABOUT**
 DRAWING NUMBER: INOV002-PR-SK05

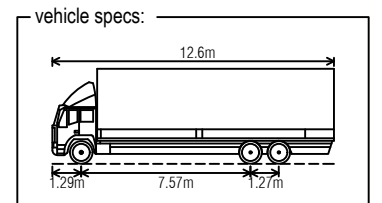
SHEET: **01 of 07**
 REV: **A**

flow
 TRANSPORTATION SPECIALISTS
 Level 1, 11 Blake Street, Ponsonby, Auckland | PO Box 47497 Ponsonby
 p 09 970 3820 | f 09 970 3890 | www.flownz.com



vehicle tracking key:

- wheel path
- vehicle body path (forwards)
- vehicle body path (reverse)
- 500mm clearance



AT DESIGN VEHICLE
12.6m - Truck - No hitch
 vehicle width: 2.550m
 lock to lock time: 6.00s
 track width: 2.550m
 Max Steering Angle (Virtual): 49.00°
 vehicle speed: 5-10kmph

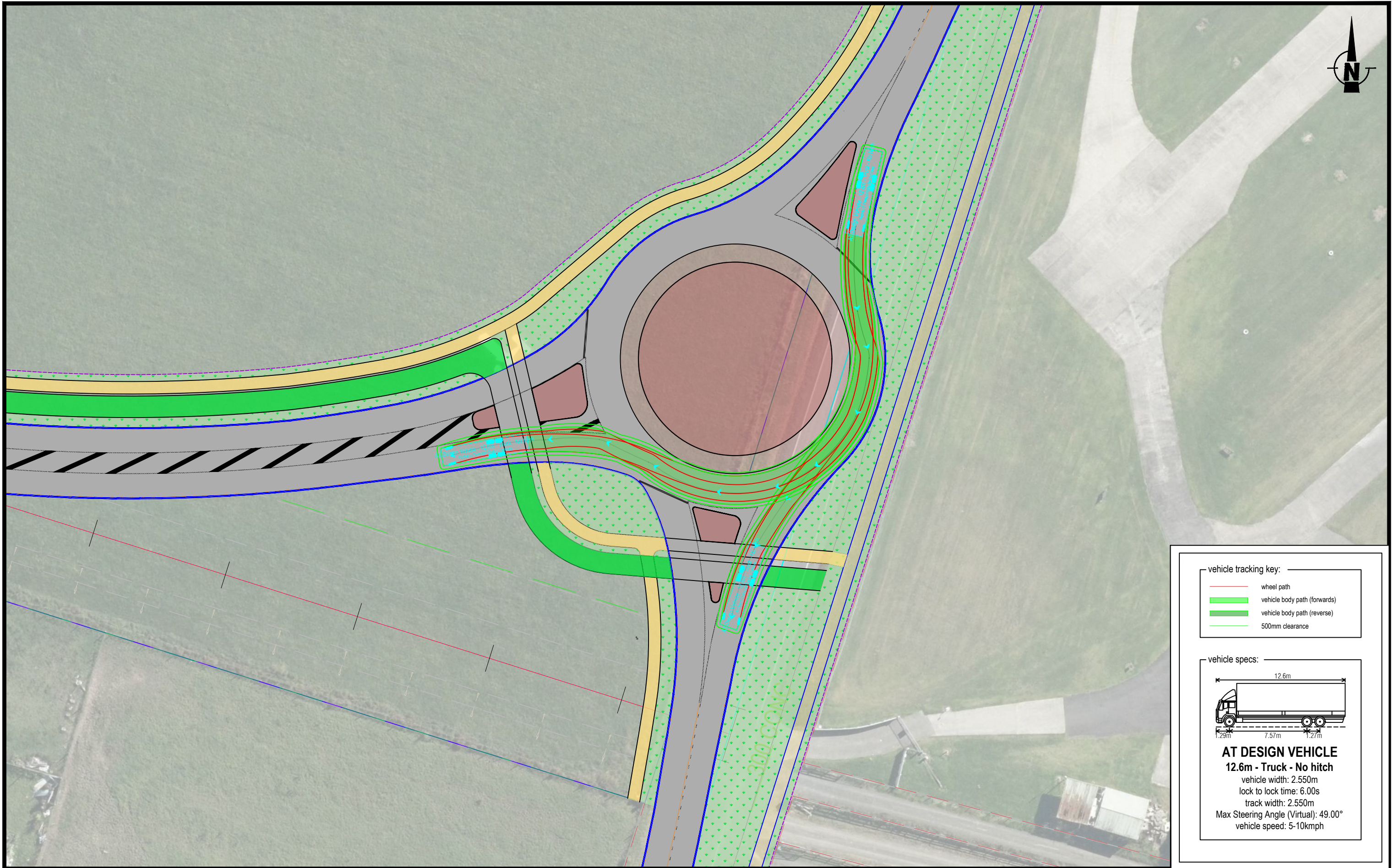
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A	First Issue	09/02/2026	CHECKED: ET	DATE: 09/02/2026
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		1:500 @ A3		

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK - STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY
FOR RESOURCE CONSENT

SHEET TITLE: **POSTMAN ROAD - INTERSECTION
 VEHICLE TRACKING - DESIGN VEHICLE**
 DRAWING NUMBER: INOV002-PR-SK05

SHEET: 02 of 07
 REV: A

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vehicle tracking key:

- wheel path
- vehicle body path (forwards)
- vehicle body path (reverse)
- 500mm clearance

vehicle specs:

AT DESIGN VEHICLE
12.6m - Truck - No hitch
 vehicle width: 2.550m
 lock to lock time: 6.00s
 track width: 2.550m
 Max Steering Angle (Virtual): 49.00°
 vehicle speed: 5-10kmph

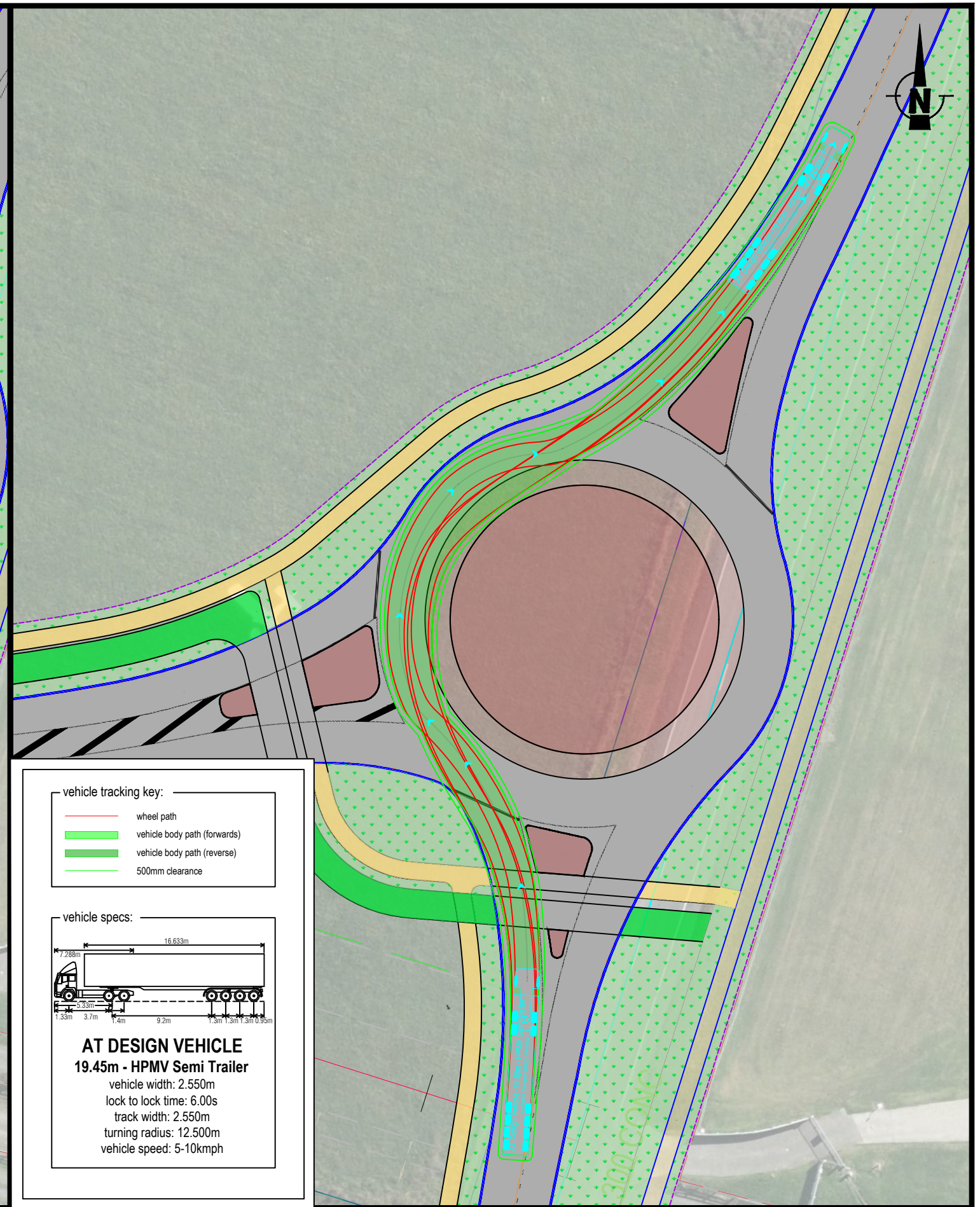
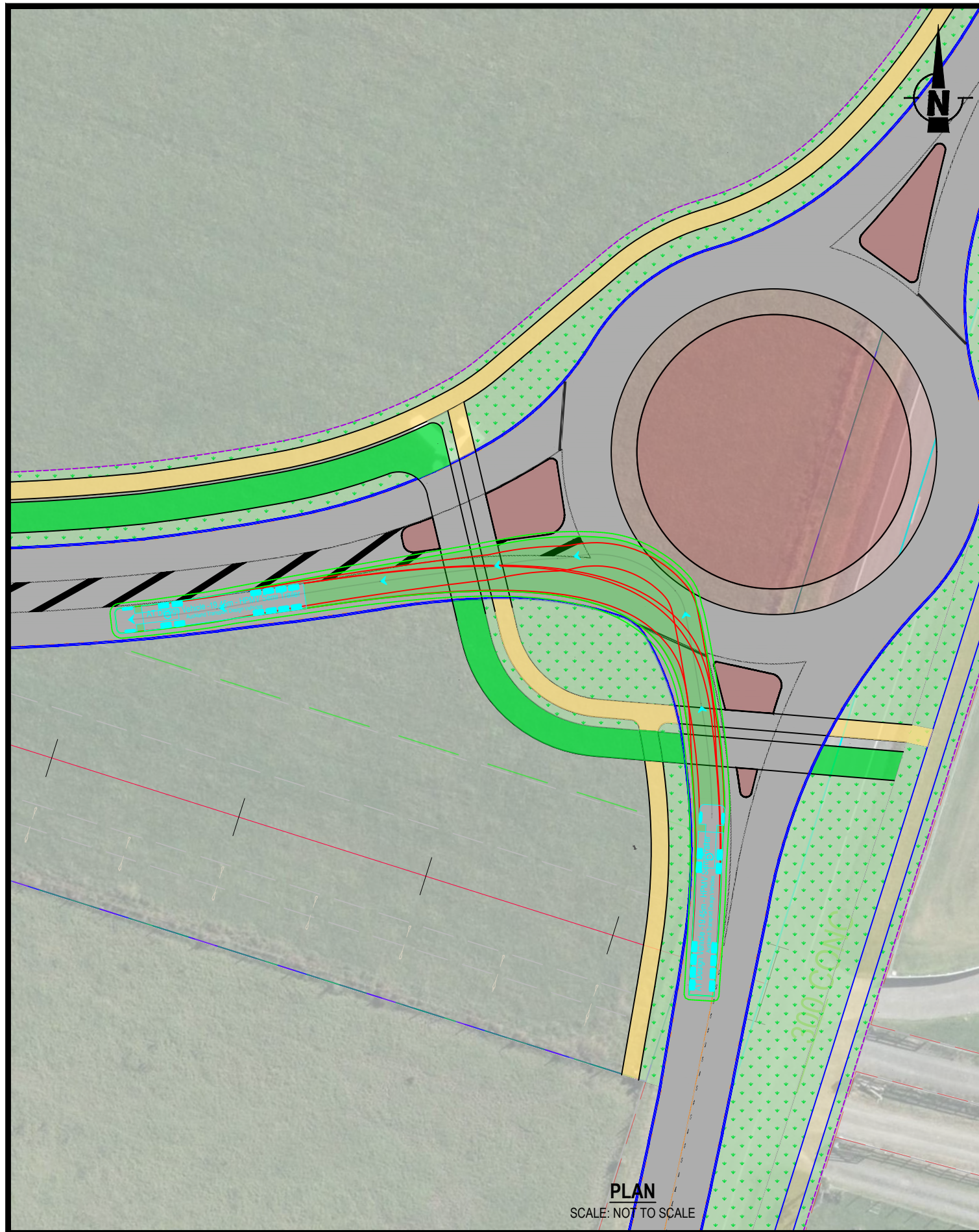
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A	First Issue	09/02/2026	CHECKED: ET	DATE: 09/02/2026
SCALE: 1:500 @ A3				

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK - STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY
FOR RESOURCE CONSENT

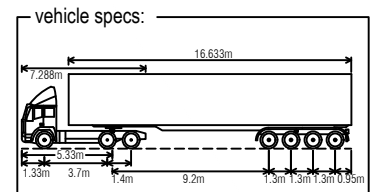
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 VEHICLE TRACKING - DESIGN VEHICLE**
 DRAWING NUMBER: INOV002-PR-SK05

SHEET: **03** of 07
 REV: **A**

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- vehicle tracking key:
- wheel path
 - vehicle body path (forwards)
 - vehicle body path (reverse)
 - 500mm clearance



AT DESIGN VEHICLE
19.45m - HPMV Semi Trailer
 vehicle width: 2.550m
 lock to lock time: 6.00s
 track width: 2.550m
 turning radius: 12.500m
 vehicle speed: 5-10kmph

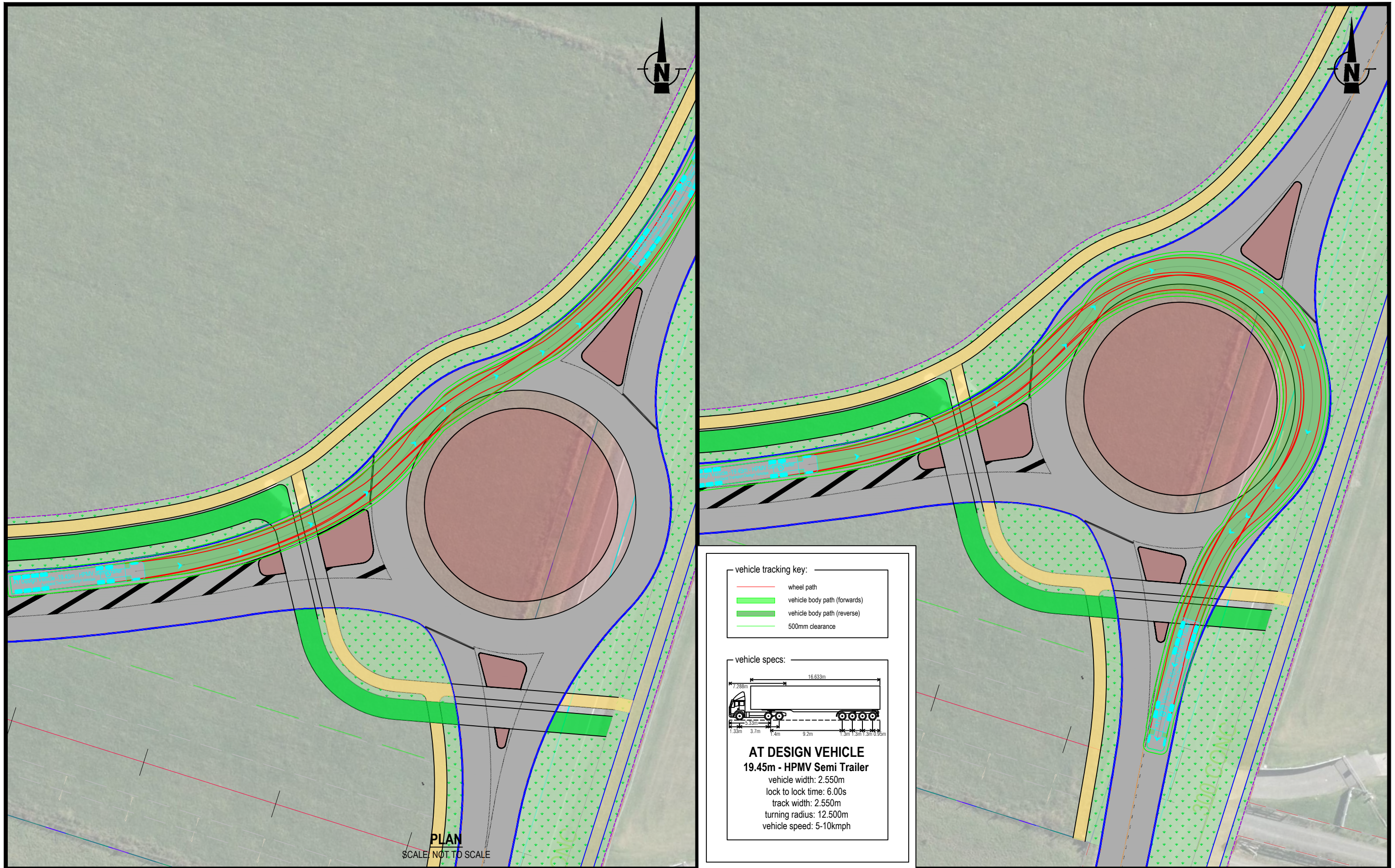
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CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK - STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY
FOR RESOURCE CONSENT

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 VEHICLE TRACKING - DESIGN VEHICLE**
 DRAWING NUMBER: INOV002-PR-SK05

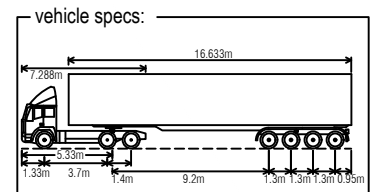
SHEET: **04 of 07**
 REV: **A**

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vehicle tracking key:

- wheel path
- vehicle body path (forwards)
- vehicle body path (reverse)
- 500mm clearance



AT DESIGN VEHICLE
19.45m - HPMV Semi Trailer
 vehicle width: 2.550m
 lock to lock time: 6.00s
 track width: 2.550m
 turning radius: 12.500m
 vehicle speed: 5-10kmph

PLAN
 SCALE: NOT TO SCALE

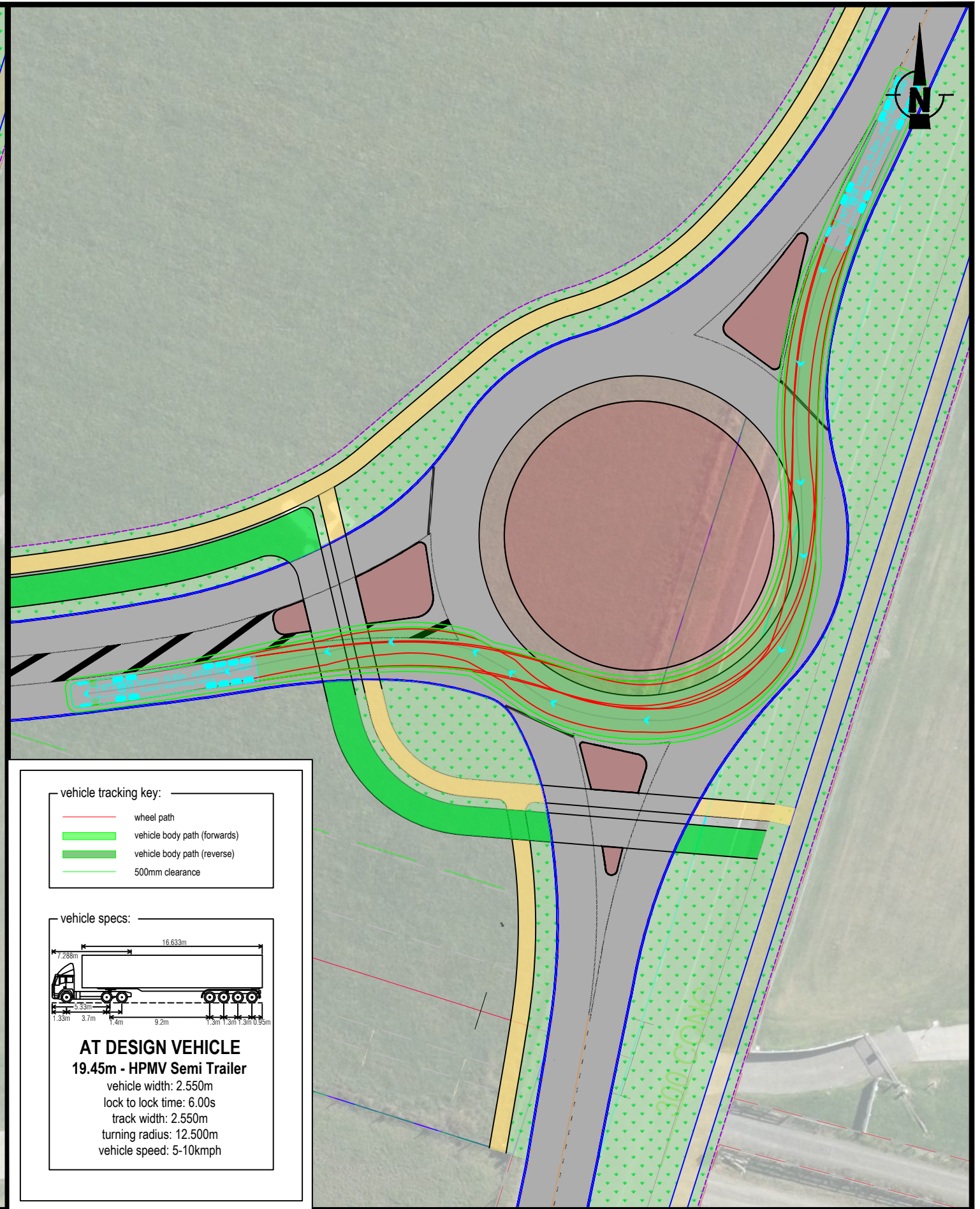
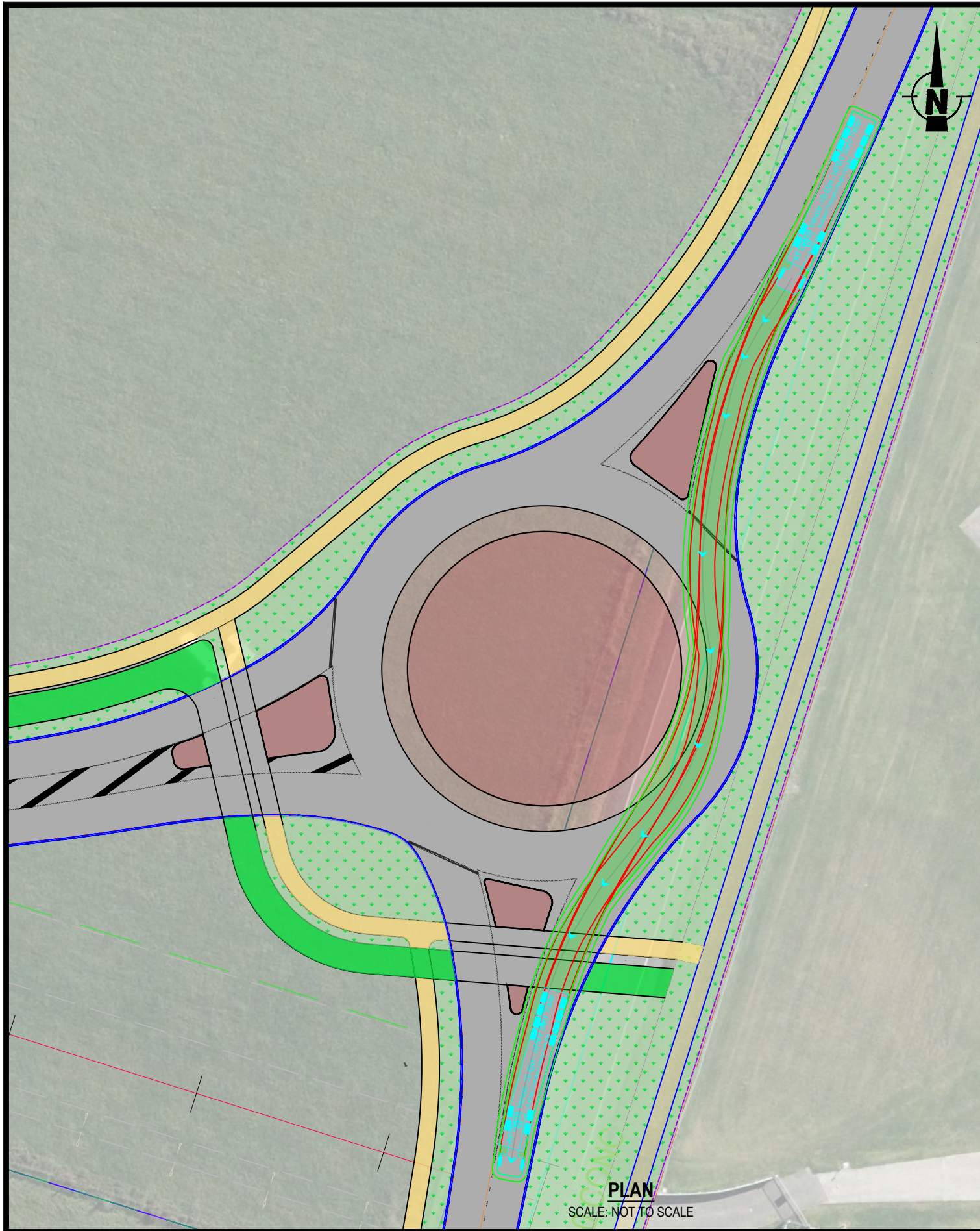
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		1:500 @ A3		

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK - STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY
FOR RESOURCE CONSENT

SHEET TITLE: **POSTMAN ROAD - INTERSECTION
 VEHICLE TRACKING - CHECK VEHICLE**
 DRAWING NUMBER: INOV002-PR-SK05

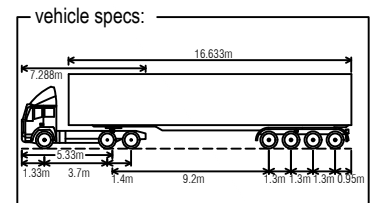
SHEET: **05 of 07**
 REV: **A**

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vehicle tracking key:

- wheel path
- vehicle body path (forwards)
- vehicle body path (reverse)
- 500mm clearance



AT DESIGN VEHICLE
19.45m - HPMV Semi Trailer
 vehicle width: 2.550m
 lock to lock time: 6.00s
 track width: 2.550m
 turning radius: 12.500m
 vehicle speed: 5-10kmph

REV	AMENDMENT	DATE OF ISSUE	DESIGN: SC	DRAWN: RG
A	First Issue	09/02/2026	CHECKED: ET	DATE: 09/02/2026
		SCALE: 0 20m 1:500 @ A3		

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK - STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY
FOR RESOURCE CONSENT

SHEET TITLE: **POSTMAN ROAD - INTERSECTION
 VEHICLE TRACKING - CHECK VEHICLE**
 DRAWING NUMBER: INOV002-PR-SK05

SHEET: **06 of 07**
 REV: **A**

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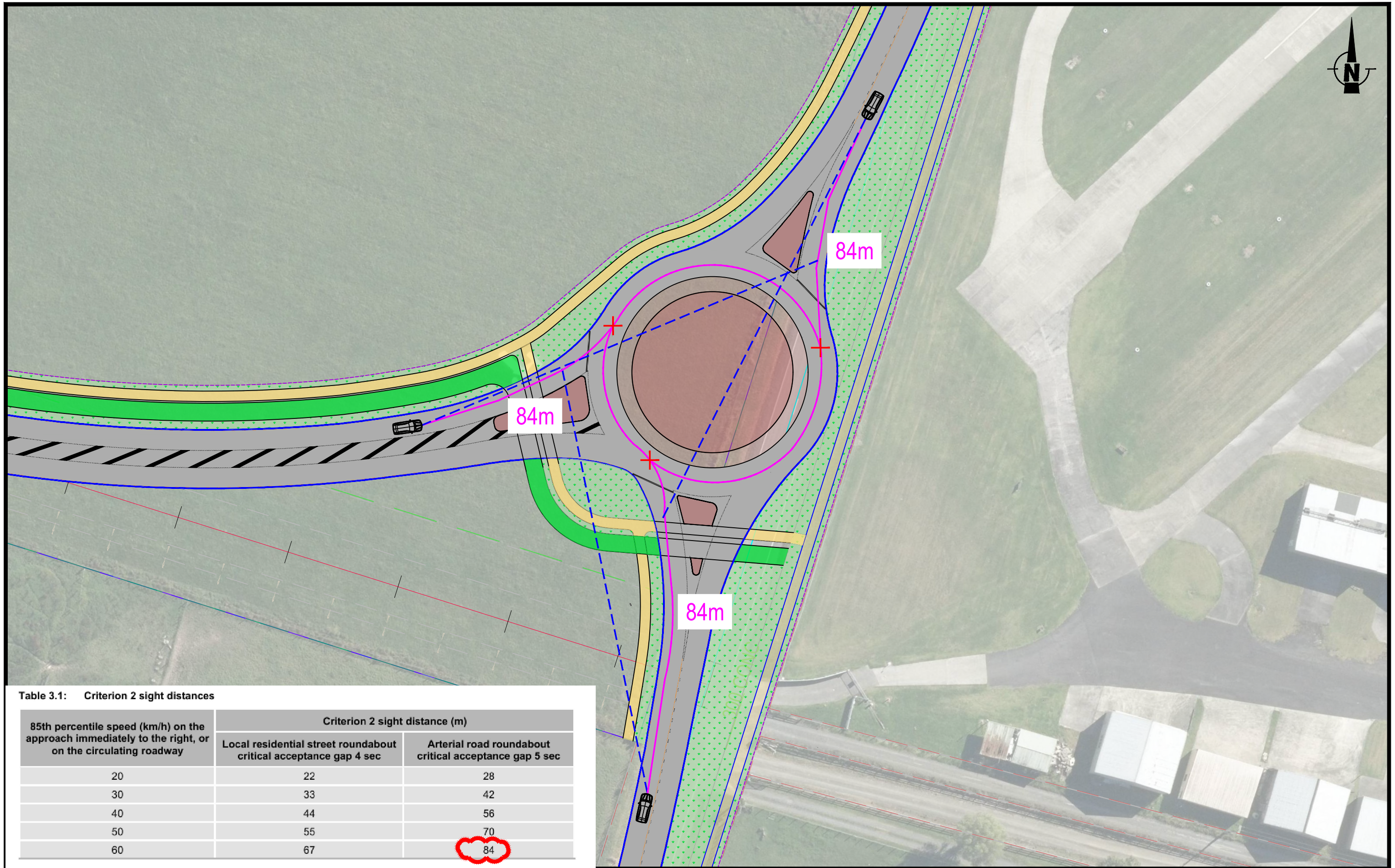


Table 3.1: Criterion 2 sight distances

85th percentile speed (km/h) on the approach immediately to the right, or on the circulating roadway	Criterion 2 sight distance (m)	
	Local residential street roundabout critical acceptance gap 4 sec	Arterial road roundabout critical acceptance gap 5 sec
20	22	28
30	33	42
40	44	56
50	55	70
60	67	84

REV	AMENDMENT	DATE OF ISSUE	DESIGN: SC	DRAWN: RG
A	First Issue	09/02/2026	CHECKED: ET	DATE: 09/02/2026

SCALE: 1:500 @ A3

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK - STAGE 2 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY
FOR RESOURCE CONSENT

SHEET TITLE: **POSTMAN ROAD - INTERSECTION SIGHT DISTANCE**
 DRAWING NUMBER: INOV002-PR-SK05

SHEET: **07 of 07**
 REV: **A**

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APPENDIX C SIDRA movement summary results

Figure 1: Dairy Flat Highway and Collector Road layout

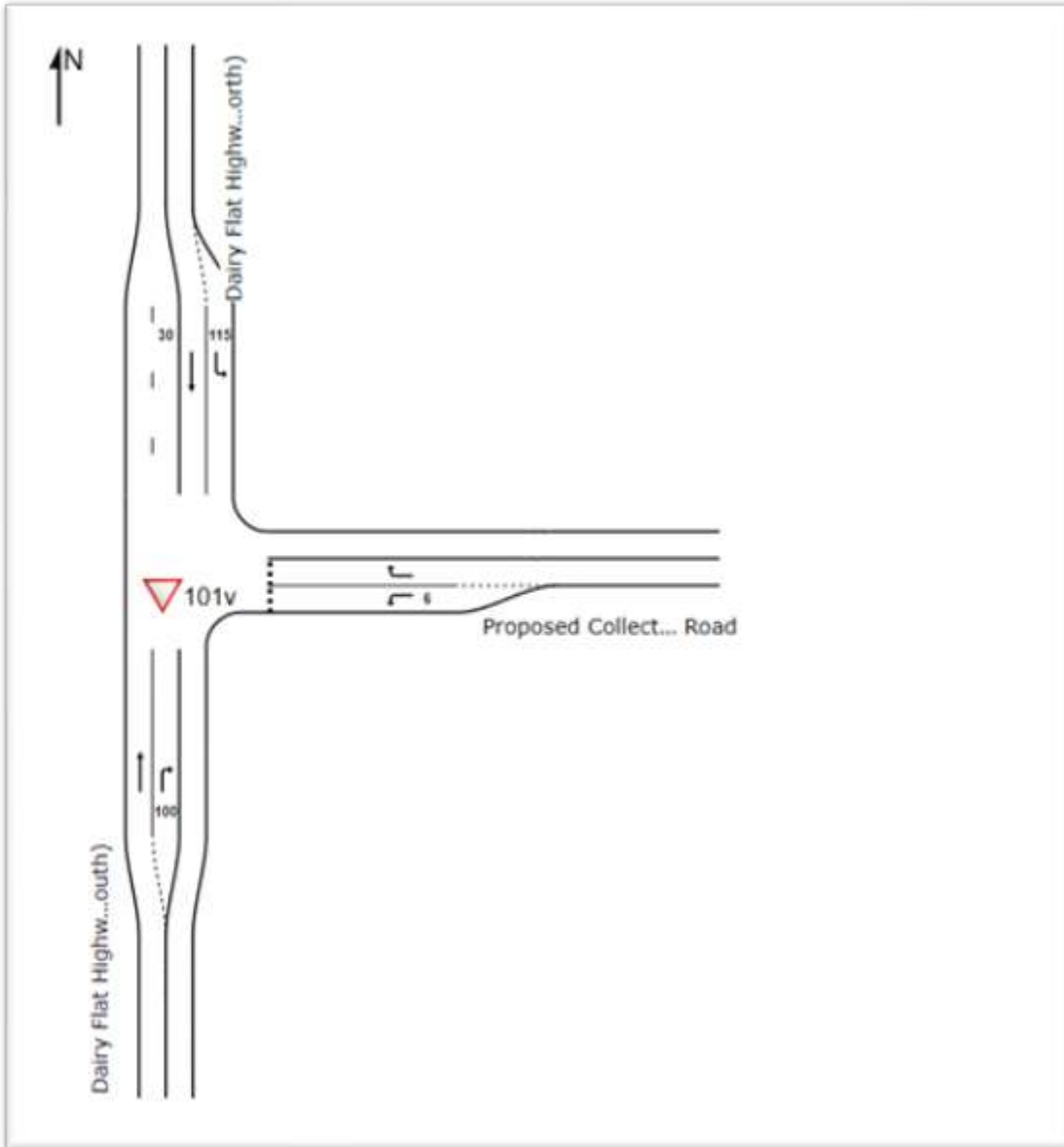


Figure 2: Postman Road and Collector Road Layout - Full built-out Scenario

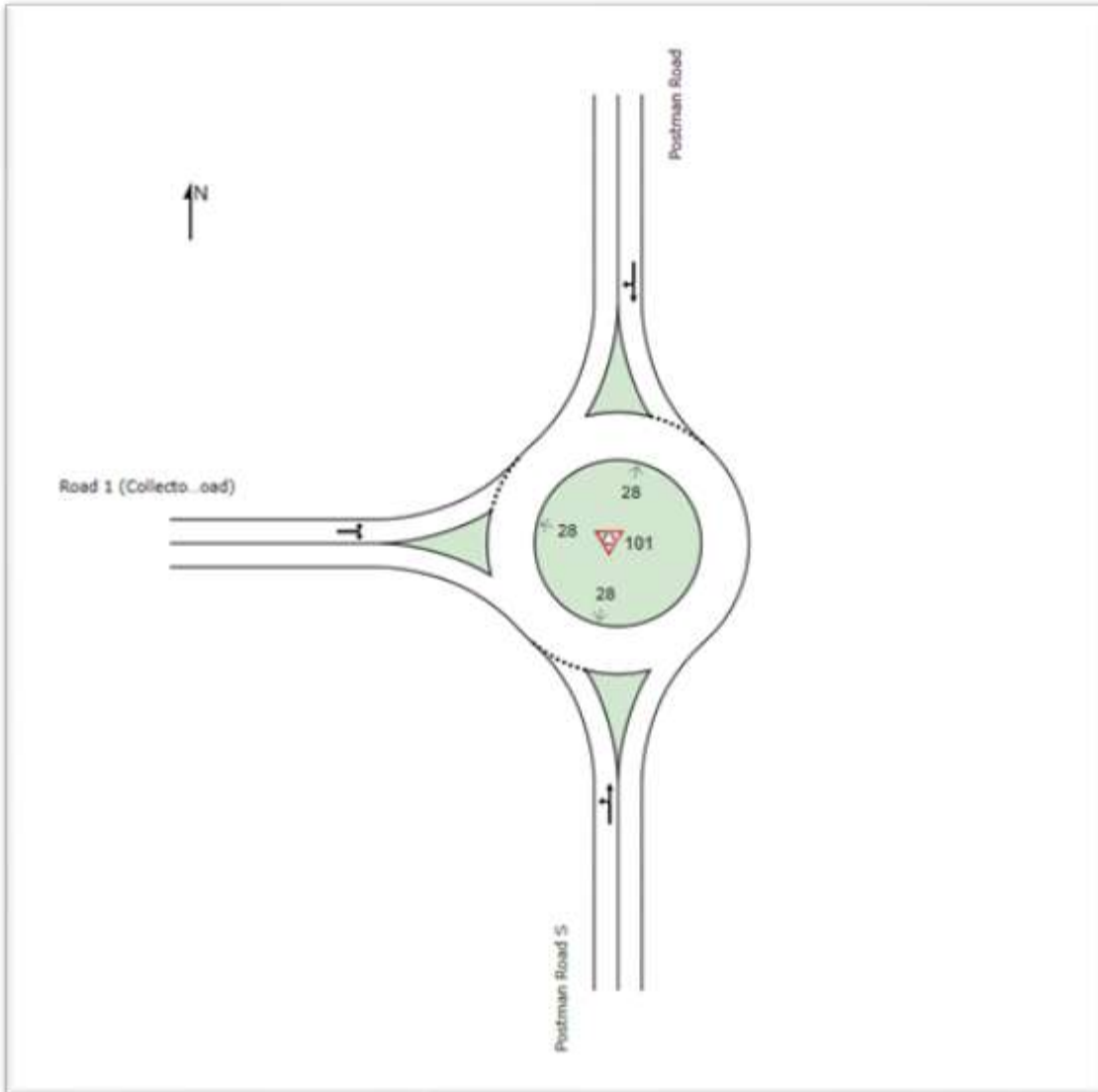


Figure 3: Scenario 1 with 200 Dwellings – AM Peak - Dairy Flat Highway

Vehicle Movement Performance															
Mov ID	Turn	Mov. Class	Demand Flows [Total HV]		Arrival Flows [Total HV]		Deg. Satn	Aver. Delay	Level of Service	95% Back Of Queue [Veh. Dist]		Prop. Que	Eff. Stop Rate	Aver. No. of Cycles	Aver. Speed
			veh/h	%	veh/h	%				veh	m				
South: Dairy Flat Highway (South)															
2	T1	All MCs	458	4.0	458	4.0	0.241	0.1	LOS A	0.0	0.0	0.00	0.00	0.00	49.9
3	R2	All MCs	61	4.0	61	4.0	0.068	8.2	LOS A	0.3	2.3	0.55	0.75	0.55	43.8
Approach			519	4.0	519	4.0	0.241	1.1	NA	0.3	2.3	0.07	0.09	0.07	49.1
East: Proposed Collector Road															
4	L2	All MCs	76	4.0	76	4.0	0.108	7.8	LOS A	0.4	2.7	0.61	0.73	0.51	44.1
6	R2	All MCs	87	4.0	87	4.0	0.288	17.7	LOS C	1.0	7.6	0.81	0.96	0.95	39.4
Approach			163	4.0	163	4.0	0.288	13.1	LOS B	1.0	7.6	0.67	0.85	0.75	41.5
North: Dairy Flat Highway (North)															
7	L2	All MCs	70	4.0	70	4.0	0.039	4.6	LOS A	0.0	0.0	0.00	0.53	0.00	45.9
8	T1	All MCs	526	4.0	526	4.0	0.277	0.1	LOS A	0.0	0.0	0.00	0.00	0.00	49.9
Approach			596	4.0	596	4.0	0.277	0.6	NA	0.0	0.0	0.00	0.06	0.00	49.4
All Vehicles			1278	4.0	1278	4.0	0.288	2.4	NA	1.0	7.6	0.11	0.17	0.12	48.1

Figure 4: Scenario 1 with 200 Dwellings – AM Peak - Dairy Flat Highway

Vehicle Movement Performance															
Mov ID	Turn	Mov. Class	Demand Flows [Total HV]		Arrival Flows [Total HV]		Deg. Satn	Aver. Delay	Level of Service	95% Back Of Queue [Veh. Dist]		Prop. Que	Eff. Stop Rate	Aver. No. of Cycles	Aver. Speed
			veh/h	%	veh/h	%				veh	m				
South: Dairy Flat Highway (South)															
2	T1	All MCs	774	4.0	774	4.0	0.407	0.2	LOS A	0.0	0.0	0.00	0.00	0.00	49.8
3	R2	All MCs	99	4.0	99	4.0	0.130	7.8	LOS A	0.5	3.6	0.54	0.74	0.54	44.1
Approach			873	4.0	873	4.0	0.407	1.1	NA	0.5	3.6	0.06	0.08	0.06	49.1
East: Proposed Collector Road															
4	L2	All MCs	124	4.0	124	4.0	0.163	7.4	LOS A	0.6	4.2	0.50	0.72	0.50	44.3
6	R2	All MCs	75	4.0	75	4.0	0.458	34.1	LOS D	1.6	11.4	0.92	1.05	1.21	33.6
Approach			199	4.0	199	4.0	0.458	17.5	LOS C	1.6	11.4	0.66	0.84	0.77	39.6
North: Dairy Flat Highway (North)															
7	L2	All MCs	60	4.0	60	4.0	0.033	4.6	LOS A	0.0	0.0	0.00	0.53	0.00	45.9
8	T1	All MCs	471	4.0	471	4.0	0.248	0.1	LOS A	0.0	0.0	0.00	0.00	0.00	49.9
Approach			531	4.0	531	4.0	0.248	0.6	NA	0.0	0.0	0.00	0.06	0.00	49.4
All Vehicles			1603	4.0	1603	4.0	0.458	2.9	NA	1.6	11.4	0.12	0.17	0.13	47.7

Figure 5: Full buildout - Dairy Flat Highway & Collector Road – AM Peak

Vehicle Movement Performance															
Mov ID	Turn	Mov Class	Demand Flows		Arrival Flows		Deg Satn	Aver Delay	Level of Service	95% Back Of Queue		Prop Que	Eff Stop Rate	Aver No. of Cycles	Aver Speed
			[Total	HV]	[Total	HV]				[Veh	Dist]				
			veh/h	%	veh/h	%	v/c	sec			veh	m			
South: Dairy Flat Highway (South)															
2	T1	All MCs	458	4.0	458	4.0	0.241	0.1	LOS A	0.0	0.0	0.00	0.00	0.00	49.9
3	R2	All MCs	56	4.0	56	4.0	0.080	8.2	LOS A	0.3	2.1	0.55	0.74	0.55	43.9
Approach			514	4.0	514	4.0	0.241	1.0	NA	0.3	2.1	0.06	0.08	0.06	49.2
East: Proposed Collector Road															
4	L2	All MCs	95	4.0	95	4.0	0.135	7.9	LOS A	0.5	3.4	0.52	0.75	0.52	44.1
6	R2	All MCs	109	4.0	109	4.0	0.356	18.5	LOS C	1.4	9.9	0.82	0.99	1.04	39.0
Approach			204	4.0	204	4.0	0.356	13.6	LOS B	1.4	9.9	0.68	0.87	0.80	41.3
North: Dairy Flat Highway (North)															
7	L2	All MCs	64	4.0	64	4.0	0.035	4.6	LOS A	0.0	0.0	0.00	0.53	0.00	45.9
8	T1	All MCs	526	4.0	526	4.0	0.277	0.1	LOS A	0.0	0.0	0.00	0.00	0.00	49.9
Approach			590	4.0	590	4.0	0.277	0.6	NA	0.0	0.0	0.00	0.06	0.00	49.4
All Vehicles			1308	4.0	1308	4.0	0.356	2.8	NA	1.4	9.9	0.13	0.19	0.15	47.8

Figure 6: Full buildout - Dairy Flat Highway & Collector Road – PM Peak

Vehicle Movement Performance															
Mov ID	Turn	Mov Class	Demand Flows		Arrival Flows		Deg Satn	Aver Delay	Level of Service	95% Back Of Queue		Prop Que	Eff Stop Rate	Aver No. of Cycles	Aver Speed
			[Total	HV]	[Total	HV]				[Veh	Dist]				
			veh/h	%	veh/h	%	v/c	sec			veh	m			
South: Dairy Flat Highway (South)															
2	T1	All MCs	774	4.0	774	4.0	0.407	0.2	LOS A	0.0	0.0	0.00	0.00	0.00	49.8
3	R2	All MCs	114	4.0	114	4.0	0.151	7.9	LOS A	0.6	4.2	0.55	0.75	0.55	44.0
Approach			888	4.0	888	4.0	0.407	1.2	NA	0.6	4.2	0.07	0.10	0.07	48.9
East: Proposed Collector Road															
4	L2	All MCs	111	4.0	111	4.0	0.146	7.4	LOS A	0.5	3.8	0.50	0.72	0.50	44.4
6	R2	All MCs	68	4.0	68	4.0	0.430	34.3	LOS D	1.4	10.4	0.92	1.04	1.17	33.5
Approach			179	4.0	179	4.0	0.430	17.6	LOS C	1.4	10.4	0.66	0.84	0.75	39.5
North: Dairy Flat Highway (North)															
7	L2	All MCs	70	4.0	70	4.0	0.039	4.6	LOS A	0.0	0.0	0.00	0.53	0.00	45.9
8	T1	All MCs	471	4.0	471	4.0	0.248	0.1	LOS A	0.0	0.0	0.00	0.00	0.00	49.9
Approach			541	4.0	541	4.0	0.248	0.7	NA	0.0	0.0	0.00	0.07	0.00	49.3
All Vehicles			1608	4.0	1608	4.0	0.430	2.8	NA	1.4	10.4	0.11	0.17	0.12	47.8

Figure 7: Full buildout – Postman Road & Collector Road – AM Peak

Vehicle Movement Performance															
Mov ID	Turn	Mov Class	Demand Flows		Arrival Flows		Deg. Satn	Aver. Delay	Level of Service	95% Back Of Queue		Prop. Que. Stop Rate	Eff. Stop Rate	Aver. No. of Cycles	Aver. Speed
			[Total	HV]	[Total	HV]				[Veh.	Dist]				
			veh/h	%	veh/h	%	v/c	sec		veh	m				km/h
South: Postman Road S															
1	L2	All MCs	44	8.0	44	8.0	0.217	3.8	LOS A	1.3	9.4	0.17	0.36	0.17	54.5
2	T1	All MCs	263	8.0	263	8.0	0.217	3.9	LOS A	1.3	9.4	0.17	0.36	0.17	54.9
Approach			307	8.0	307	8.0	0.217	3.8	LOS A	1.3	9.4	0.17	0.36	0.17	54.9
North: Postman Road N															
8	T1	All MCs	232	8.0	232	8.0	0.201	4.0	LOS A	1.2	9.0	0.24	0.41	0.24	54.0
9	R2	All MCs	39	8.0	39	8.0	0.201	9.5	LOS A	1.2	9.0	0.24	0.41	0.24	53.0
Approach			271	8.0	271	8.0	0.201	4.8	LOS A	1.2	9.0	0.24	0.41	0.24	53.9
West: Road 1 (Collector Road)															
10	L2	All MCs	76	8.0	76	8.0	0.134	5.1	LOS A	0.7	5.2	0.44	0.59	0.44	52.0
12	R2	All MCs	67	8.0	67	8.0	0.134	10.6	LOS B	0.7	5.2	0.44	0.59	0.44	51.4
Approach			143	8.0	143	8.0	0.134	7.6	LOS A	0.7	5.2	0.44	0.59	0.44	51.7
All Vehicles			721	8.0	721	8.0	0.217	5.0	LOS A	1.3	9.4	0.25	0.43	0.25	53.9

Figure 8: Full buildout – Postman Road & Collector Road – PM Peak

Vehicle Movement Performance															
Mov ID	Turn	Mov Class	Demand Flows		Arrival Flows		Deg. Satn	Aver. Delay	Level of Service	95% Back Of Queue		Prop. Que. Stop Rate	Eff. Stop Rate	Aver. No. of Cycles	Aver. Speed
			[Total	HV]	[Total	HV]				[Veh.	Dist]				
			veh/h	%	veh/h	%	v/c	sec		veh	m				km/h
South: Postman Road S															
1	L2	All MCs	66	8.0	66	8.0	0.279	4.0	LOS A	1.7	12.8	0.24	0.38	0.24	54.2
2	T1	All MCs	314	8.0	314	8.0	0.279	4.0	LOS A	1.7	12.8	0.24	0.38	0.24	54.6
Approach			380	8.0	380	8.0	0.279	4.0	LOS A	1.7	12.8	0.24	0.38	0.24	54.5
North: Postman Road N															
8	T1	All MCs	302	8.0	302	8.0	0.265	4.0	LOS A	1.7	12.9	0.24	0.42	0.24	53.9
9	R2	All MCs	63	8.0	63	8.0	0.265	9.4	LOS A	1.7	12.9	0.24	0.42	0.24	52.9
Approach			365	8.0	365	8.0	0.265	4.9	LOS A	1.7	12.9	0.24	0.42	0.24	53.7
West: Road 1 (Collector Road)															
10	L2	All MCs	64	8.0	64	8.0	0.123	5.3	LOS A	0.6	4.8	0.48	0.60	0.48	51.8
12	R2	All MCs	61	8.0	61	8.0	0.123	10.8	LOS B	0.6	4.8	0.48	0.60	0.48	51.2
Approach			125	8.0	125	8.0	0.123	8.0	LOS A	0.6	4.8	0.48	0.60	0.48	51.5
All Vehicles			871	8.0	871	8.0	0.279	5.0	LOS A	1.7	12.9	0.28	0.43	0.28	53.8

APPENDIX D

Surf Park car park and Accommodation Precinct



DAIRY FLAT HIGHWAY

Flat Highway

vehicle tracking key:

- wheel path
- vehicle body path (forwards)
- vehicle body path (reverse)
- 300mm clearance

vehicle specs:

AT DESIGN VEHICLE
6.3m - Delivery Van
 vehicle width: 2.050m
 lock to lock time: 4.00s
 track width: 1.810m
 turning radius: 7.200m
 vehicle speed: 5-10kmph

REV	AMENDMENT	DATE OF ISSUE	DESIGN: ET	DRAWN: RG
A	First Issue	09/02/2026	CHECKED: ET/NH	DATE: 09/02/2026

SCALE: 0 20m

1:500 @ A3

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY, AUCKLAND

FOR RESOURCE CONSENT

SHEET TITLE: SURF LAGOON AND AMENITY PRECINCT
 VEHICLE CROSSING - DAIRY FLAT HIGHWAY

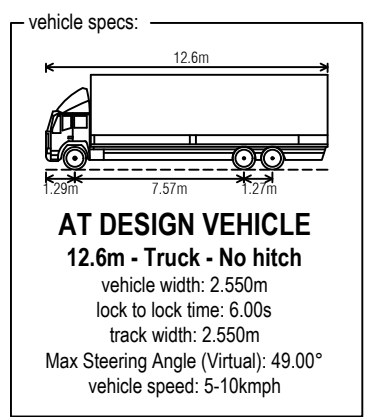
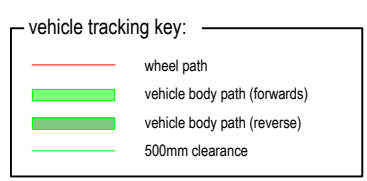
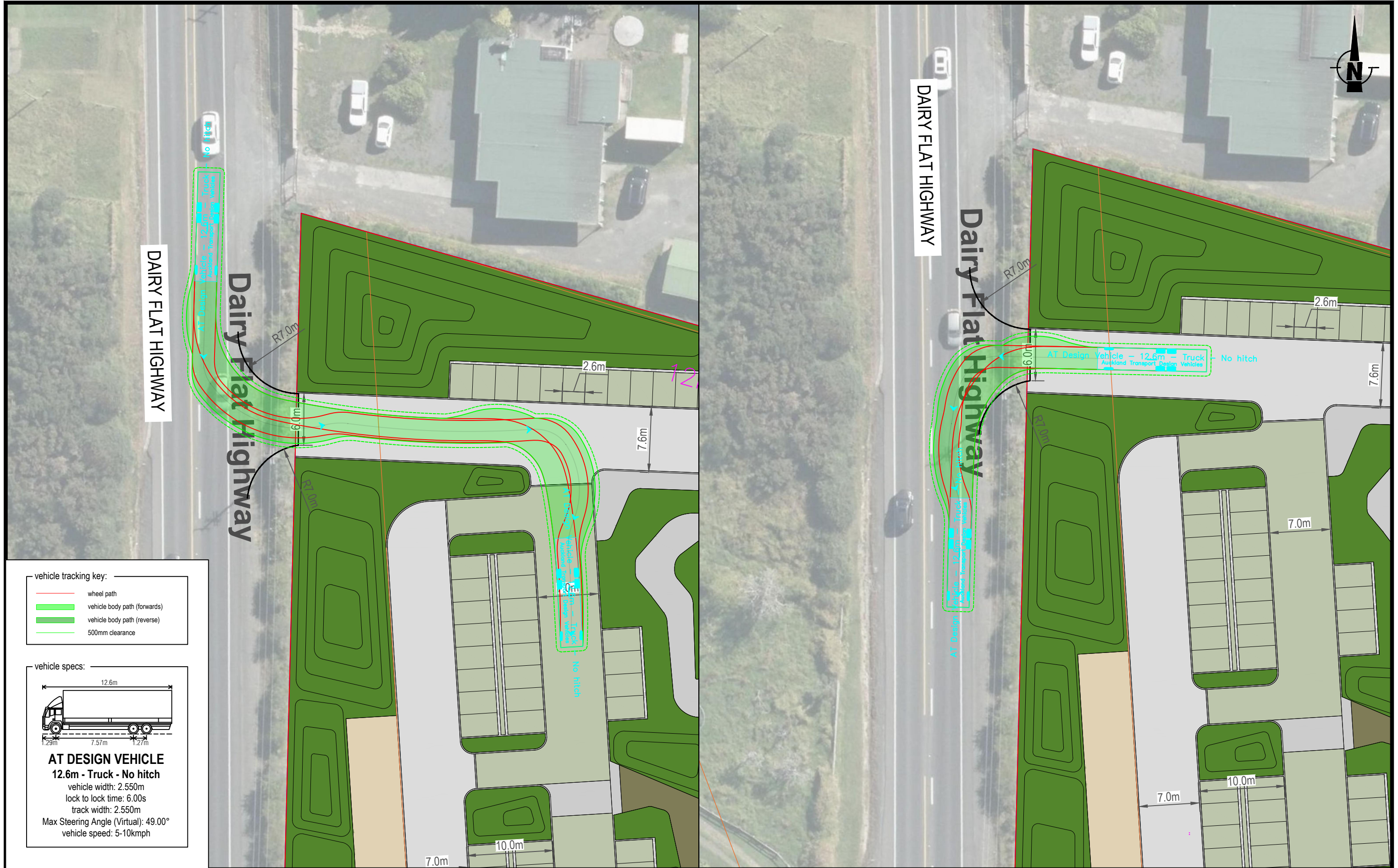
DRAWING NUMBER: INVO002-007

SHEET: 02 of 09

REV: A

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REV	AMENDMENT	DATE OF ISSUE	DESIGN: ET	DRAWN: RG
A	First Issue	09/02/2026	CHECKED: ET/NH	DATE: 09/02/2026
		SCALE: 0 16m		
		1:400 @ A3		

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK STAGE 2 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY, AUCKLAND

FOR RESOURCE CONSENT

SHEET TITLE: SURF LAGOON AND AMENITY PRECINCT VEHICLE CROSSING - DAIRY FLAT HIGHWAY

DRAWING NUMBER: INVO002-007

SHEET: 03 of 09

REV: A

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vehicle tracking key:

- wheel path
- vehicle body path (forwards)
- vehicle body path (reverse)
- 500mm clearance

vehicle specs:

RTS 18
12.60m - Tour Coach
 vehicle width: 2.500m
 lock to lock time: 6.00s
 track width: 2.500m
 turning radius: 12.5m
 vehicle speed: 5-10kmph

REV	AMENDMENT	DATE OF ISSUE	DESIGN: ET	DRAWN: RG
A	First Issue	09/02/2026	CHECKED: ET/NH	DATE: 09/02/2026
			SCALE: 0	16m
			1:400 @ A3	

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY, AUCKLAND

FOR RESOURCE CONSENT

SHEET TITLE: SURF LAGOON AND AMENITY PRECINCT
 12.6m TOUR COACH

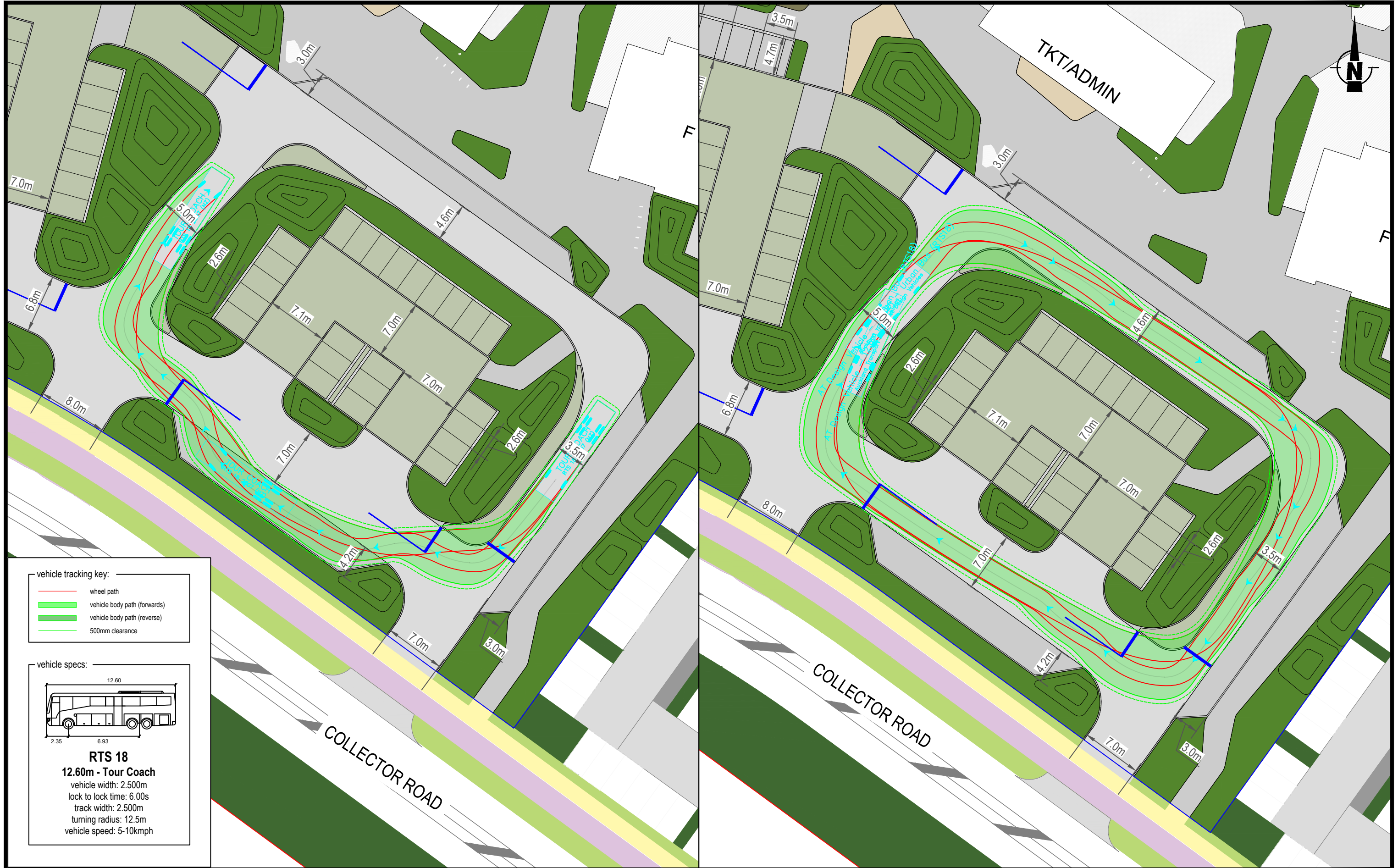
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SHEET: 04 of 09

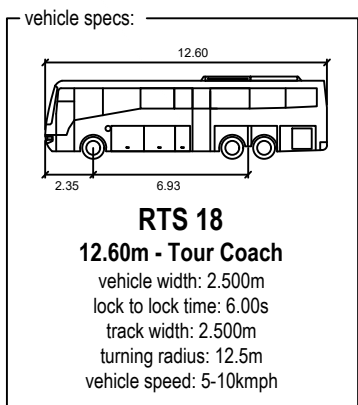
REV: A

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 TRANSPORTATION SPECIALISTS

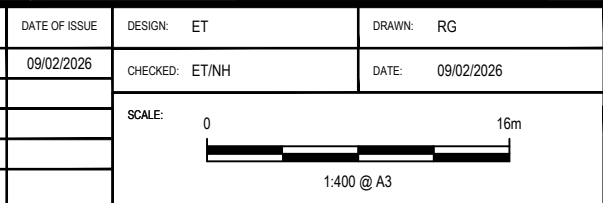
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- vehicle tracking key:
- wheel path
 - vehicle body path (forwards)
 - vehicle body path (reverse)
 - 500mm clearance



REV	AMENDMENT	DATE OF ISSUE	DESIGN: ET	DRAWN: RG
A	First Issue	09/02/2026	CHECKED: ET/NH	DATE: 09/02/2026



CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY, AUCKLAND

FOR RESOURCE CONSENT

SHEET TITLE: SURF LAGOON AND AMENITY PRECINCT
 12.6m TOUR COACH

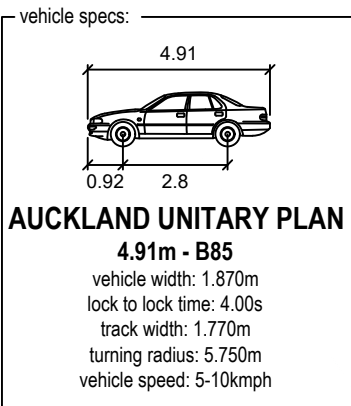
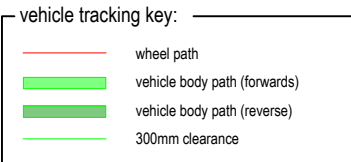
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SHEET: 05 of 09

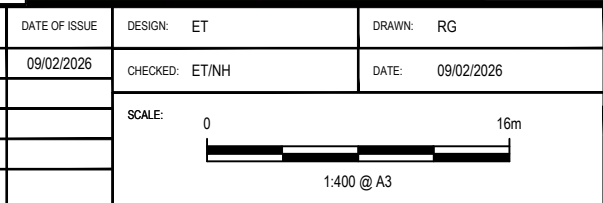
REV: A

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REV	AMENDMENT	DATE OF ISSUE	DESIGN: ET	DRAWN: RG
A	First Issue	09/02/2026	CHECKED: ET/NH	DATE: 09/02/2026



CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY, AUCKLAND

FOR RESOURCE CONSENT

SHEET TITLE: SURF LAGOON AND AMENITY PRECINCT
 INTERNAL TWO-WAY CAR MOVEMENT

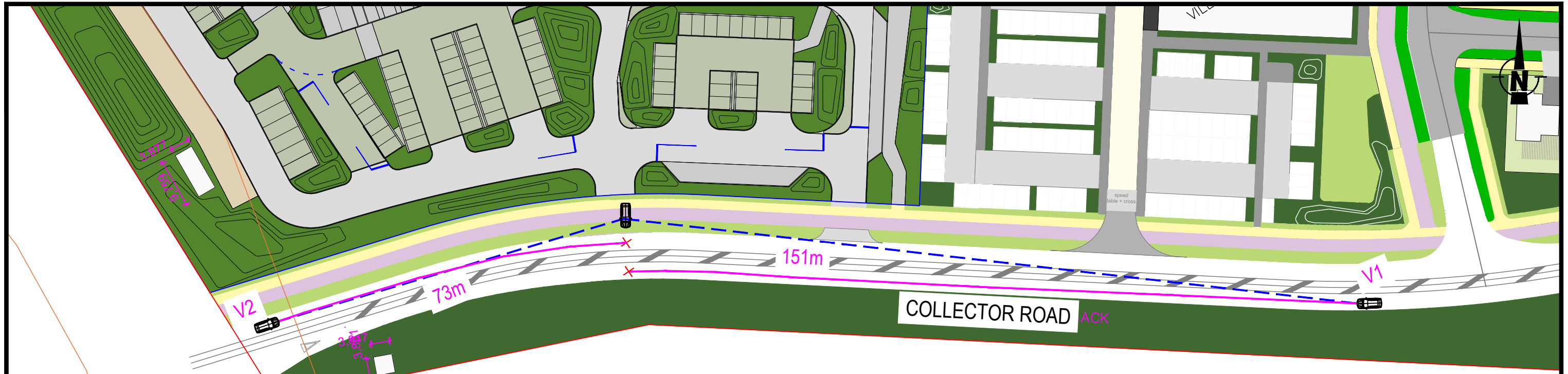
DRAWING NUMBER: INVO002-007

SHEET: 06 of 09

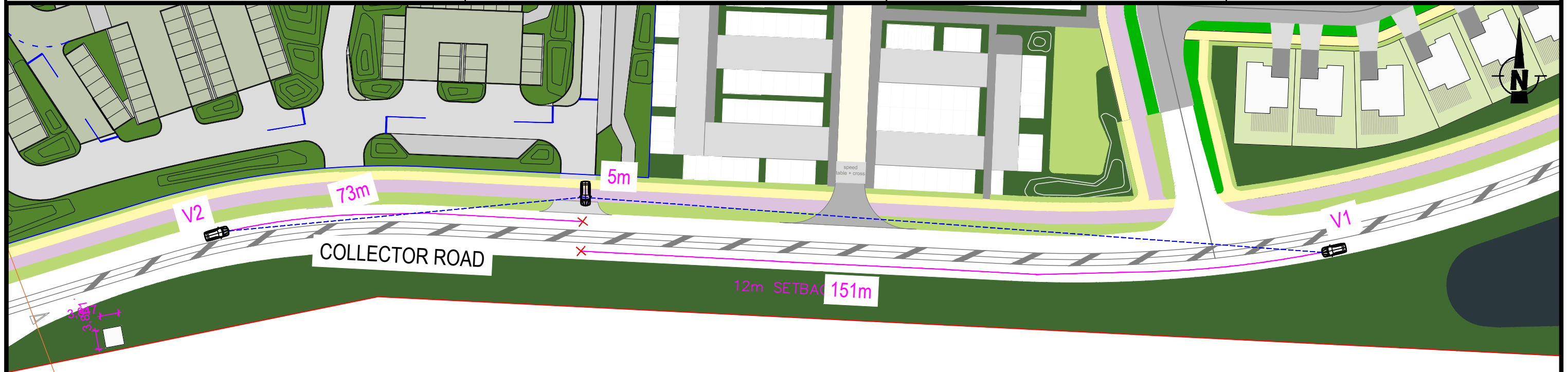
REV: A

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Approach	Design Speed (km/hr)	Reaction Time (s)	Observation Time (s)	Calculated SISD (m)	Compliant
V1	70	2	3	151	YES
V2	40	2	3	73	YES
Coefficient of deceleration (d)		0.362		Longitudinal grade (a)	0



Approach	Design Speed (km/hr)	Reaction Time (s)	Observation Time (s)	Calculated SISD (m)	Compliant
V1	70	2	3	151	YES
V2	40	2	3	73	YES
Coefficient of deceleration (d)		0.362		Longitudinal grade (a)	0

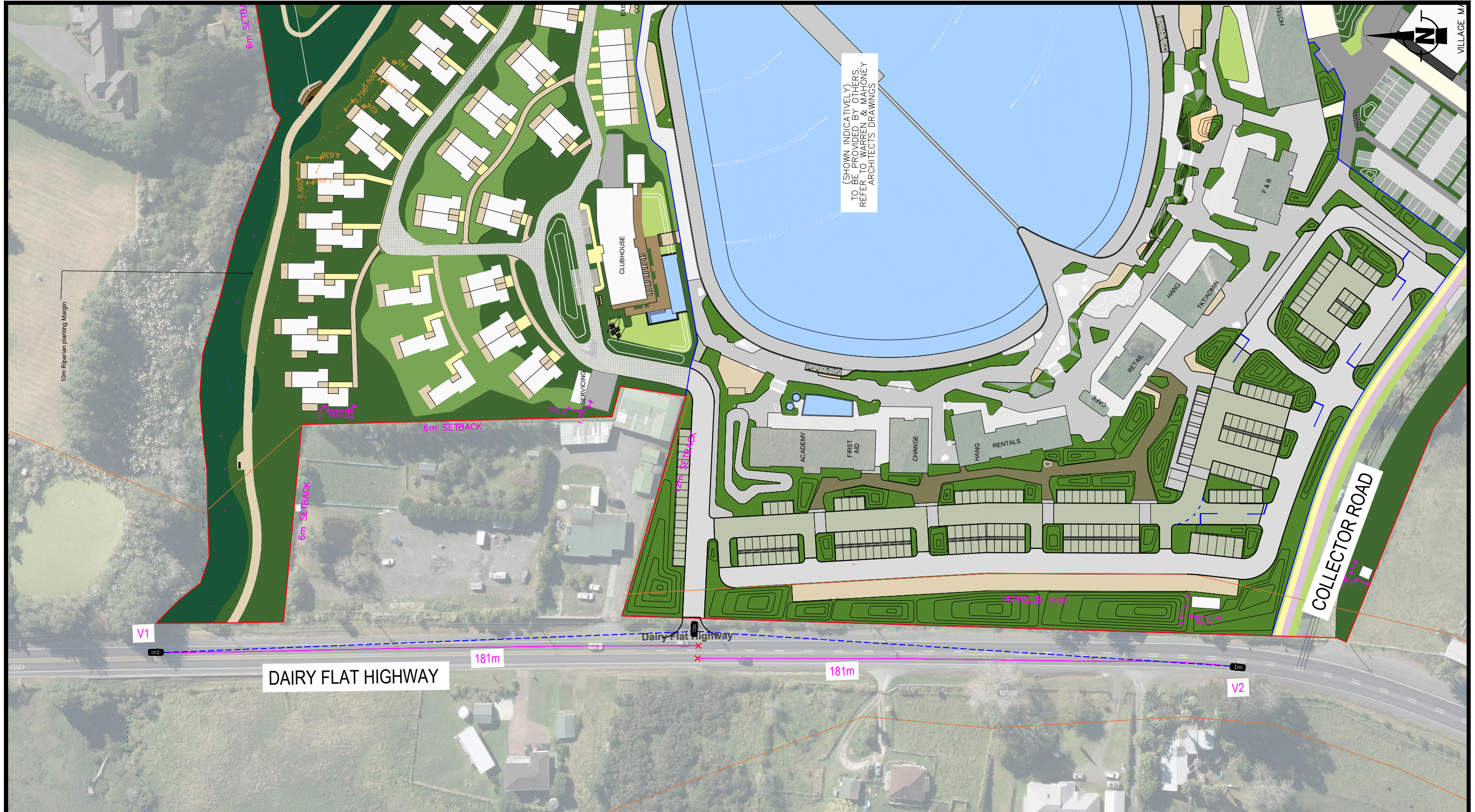
REV	AMENDMENT	DATE OF ISSUE	DESIGN: ET	DRAWN: RG
A	First Issue	09/02/2026	CHECKED: ET/NH	DATE: 09/02/2026
		SCALE: 0 32m		
		1:800 @ A3		

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY, AUCKLAND
FOR RESOURCE CONSENT

SHEET TITLE: SURF LAGOON AND AMENITY PRECINCT
 SAFE INTERSECTION SIGHT DISTANCE
 DRAWING NUMBER: INVO002-007

SHEET: 07 of 09
 REV: A

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Approach	Design Speed (km/hr)	Reaction Time (s)	Observation Time (s)	Calculated SISD (m)	Compliant
V1	80	2	3	181	YES
V2	80	2	3	181	YES
Coefficient of deceleration (d)		0.362		Longitudinal grade (a)	
				0	

REV	AMENDMENT	DATE OF ISSUE	DESIGN: ET	DRAWN: RG
A	First Issue	09/02/2026	CHECKED: ET/NH	DATE: 09/02/2026
		SCALE: 0 50m		
		1:1250 @ A3		

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY, AUCKLAND
FOR RESOURCE CONSENT

SHEET TITLE: SURF LAGOON AND AMENITY PRECINCT
 SAFE INTERSECTION SIGHT DISTANCE
 DRAWING NUMBER: INVO002-007

SHEET: 08 of 09
 REV: A

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REV	AMENDMENT	DATE OF ISSUE	DESIGN: ET	DRAWN: RG	CLIENT: AW HOLDINGS LTD	SHEET TITLE: SURF LAGOON AND AMENITY PRECINCT DIMENSION PLAN	SHEET: 09 of 09
A	First Issue	09/02/2026	CHECKED: ET/NH	DATE: 09/02/2026	PROJECT: AUCKLAND SURF PARK STAGE 2 FAST TRACK APPLICATION		
			SCALE: 0 16m		LOCATION: 1350 DAIRY FLAT HIGHWAY, AUCKLAND		
			1:400 @ A3		FOR RESOURCE CONSENT	DRAWING NUMBER: INVO002-007	REV: A

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vehicle tracking key:

- wheel path
- vehicle body path (forwards)
- vehicle body path (reverse)
- 500mm clearance

vehicle specs:

AT DESIGN VEHICLE
12.6m - Truck - No hitch
 vehicle width: 2.550m
 lock to lock time: 6.00s
 track width: 2.550m
 Max Steering Angle (Virtual): 49.00°
 vehicle speed: 5-10kmph

vehicle tracking key:

- wheel path
- vehicle body path (forwards)
- vehicle body path (reverse)
- 300mm clearance

vehicle specs:

AUCKLAND UNITARY PLAN
4.91m - B85
 vehicle width: 1.870m
 lock to lock time: 4.00s
 track width: 1.770m
 turning radius: 5.750m
 vehicle speed: 5-10kmph



REV	AMENDMENT	DATE OF ISSUE	DESIGN: RG	DRAWN: RG
A	First Issue	09/02/2026	CHECKED: TC/NH	DATE: 09/02/2026

SCALE: 0 20m

1:500 @ A3

CLIENT: AW HOLDINGS LTD
 PROJECT: AUCKLAND SURF PARK - STAGE 2
 FAST TRACK APPLICATION
 LOCATION: 1350 DAIRY FLAT HIGHWAY

FOR RESOURCE CONSENT

SHEET TITLE: ACCOMMODATION PRECINCT
 CIRCULATING AROUND THE ACCESSWAY

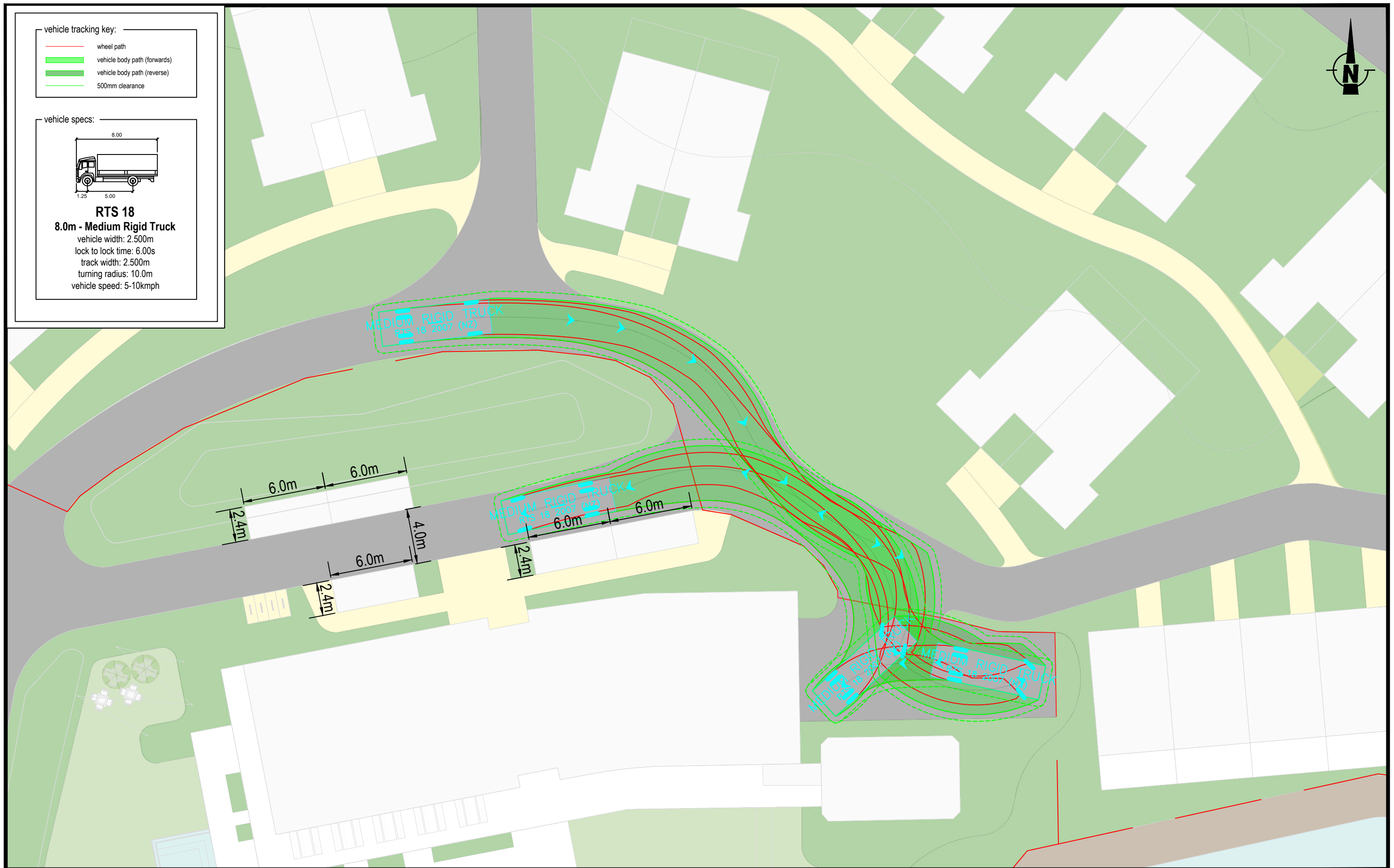
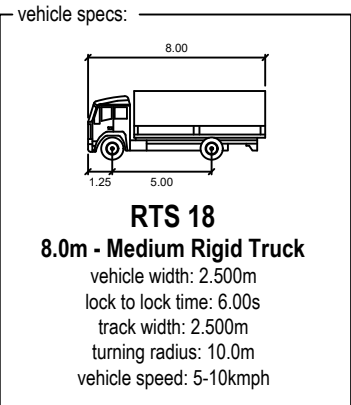
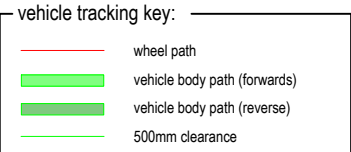
DRAWING NUMBER: INOV002-001

SHEET: 01 of 02

REV: A

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REV	AMENDMENT	DATE OF ISSUE	DESIGN: RG	DRAWN: RG	CLIENT: AW HOLDINGS LTD	SHEET TITLE: ACCOMMODATION PRECINCT TRUCK TURN AROUND	SHEET: 02 of 02
A	First Issue	09/02/2026	CHECKED: TC/NH	DATE: 09/02/2026	PROJECT: AUCKLAND SURF PARK - STAGE 2 FAST TRACK APPLICATION		
			SCALE: 0 10m		LOCATION: 1350 DAIRY FLAT HIGHWAY		
			1:250 @ A3		FOR RESOURCE CONSENT	DRAWING NUMBER: INOV002-001	REV: A

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