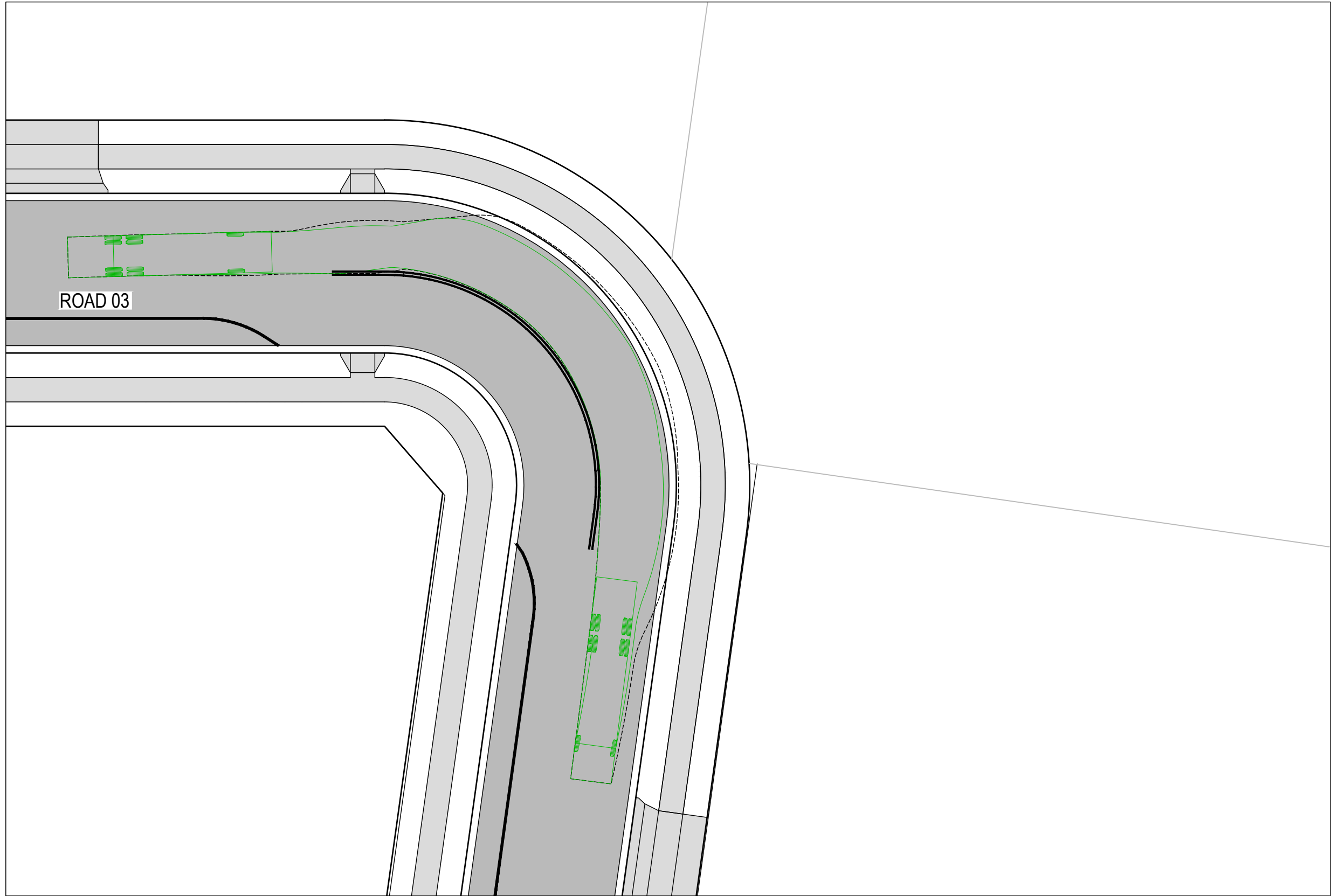
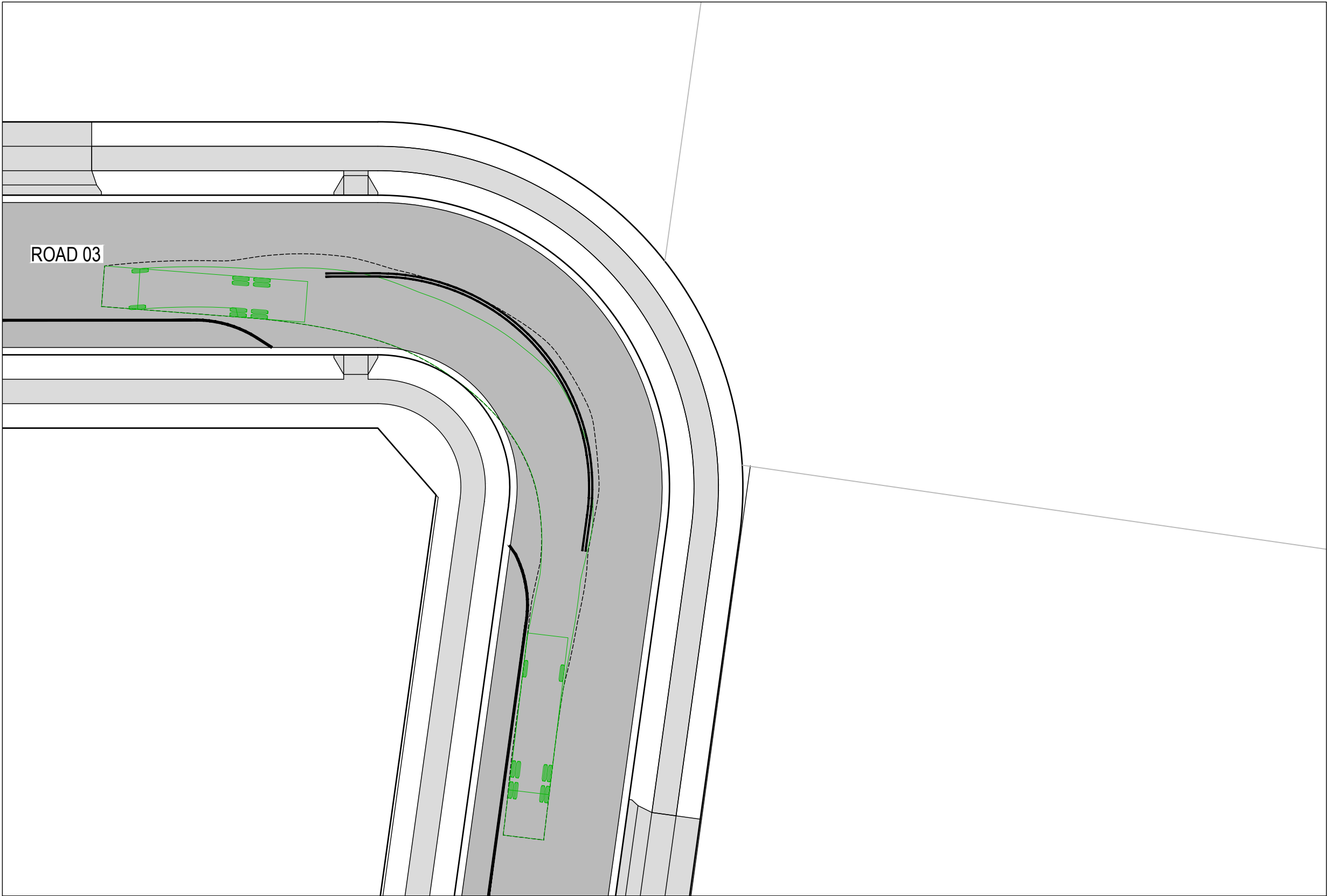
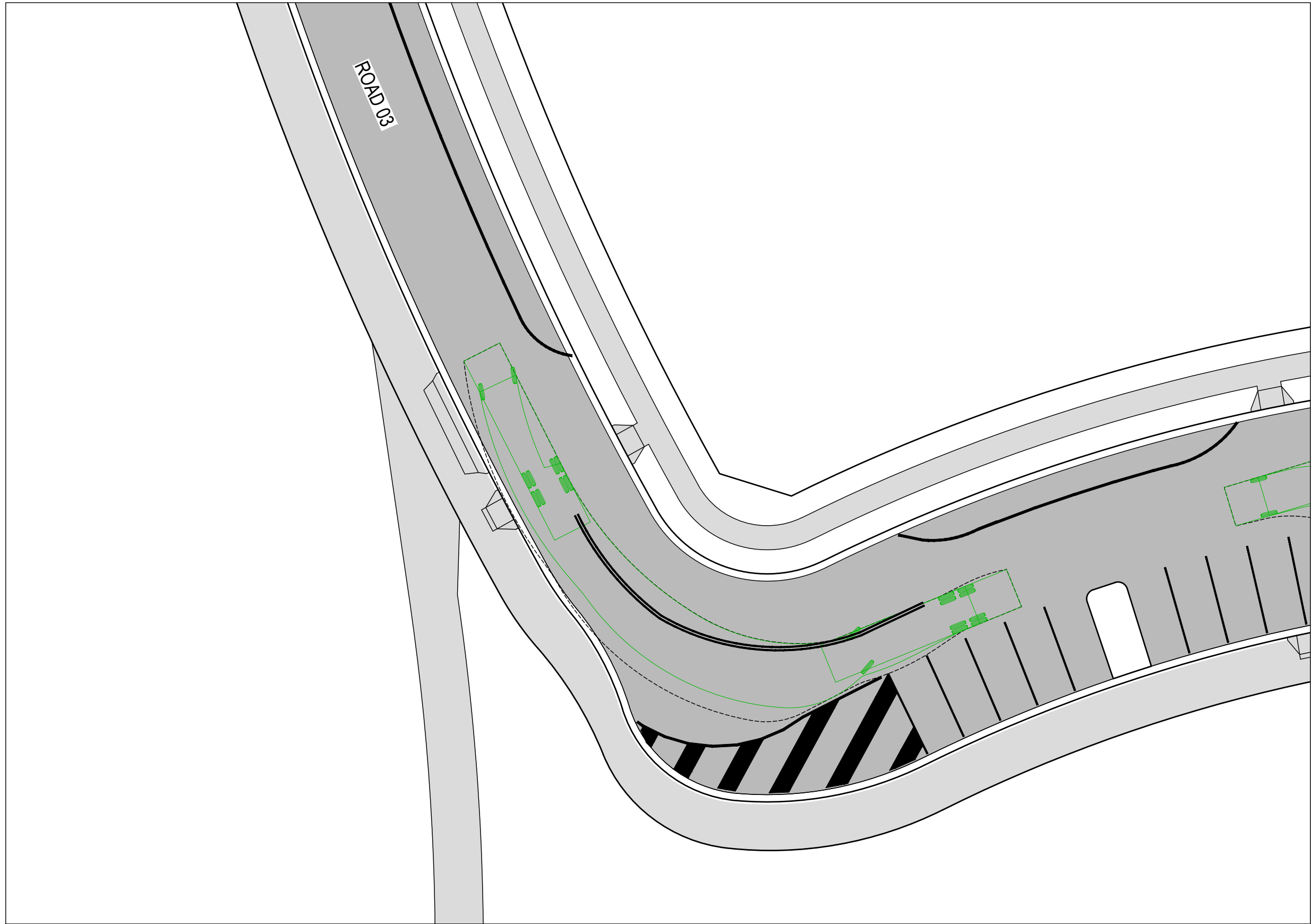




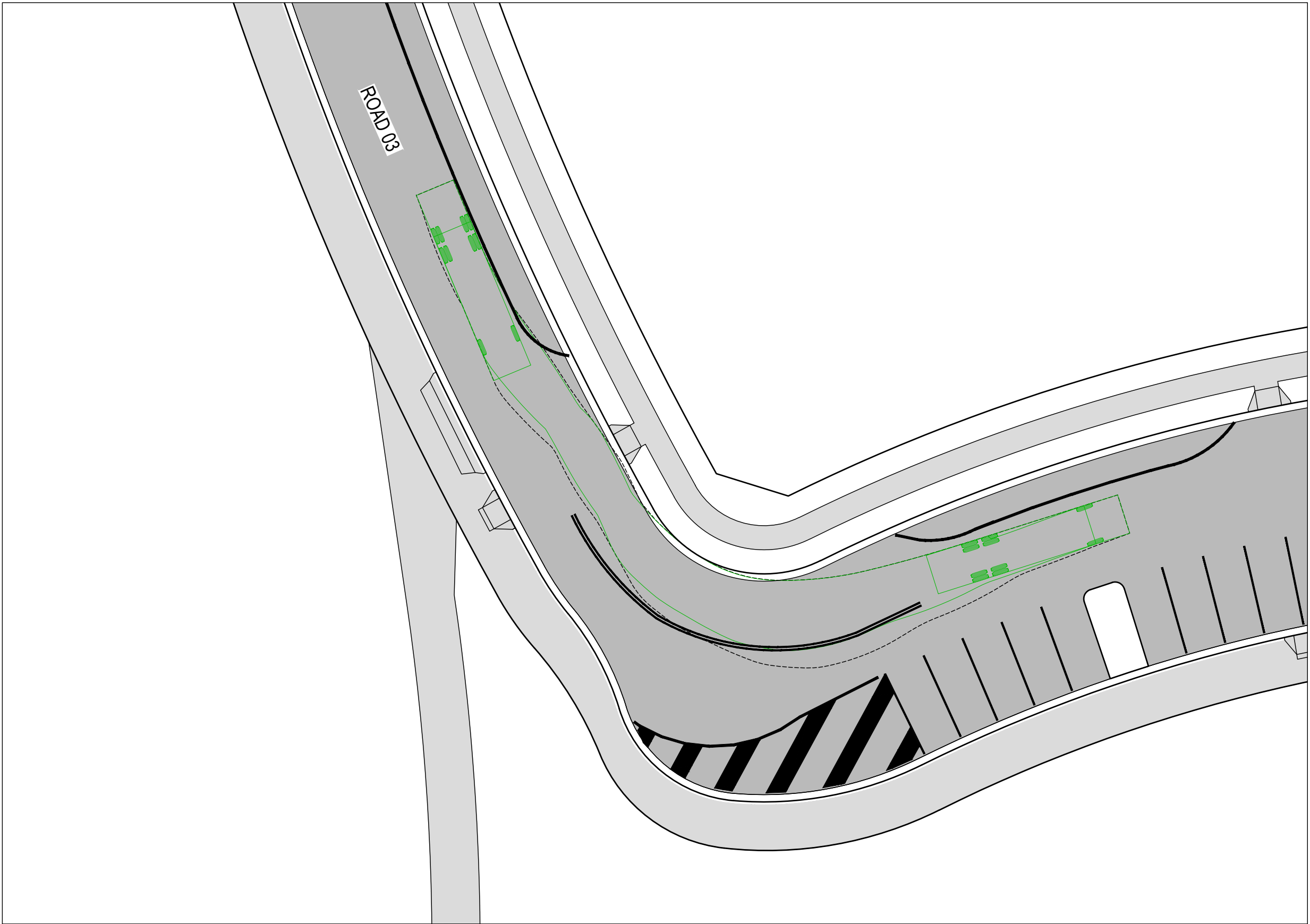
ROAD 03 CHECK VEHICLE PATH 03
SCALE 1:250



ROAD 03 CHECK VEHICLE PATH 04
SCALE 1:250



ROAD 03 CHECK VEHICLE PATH 05
SCALE 1:250



ROAD 03 CHECK VEHICLE PATH 06
SCALE 1:250

PROPOSED

LEGEND

SITE BOUNDARY

LOT BOUNDARY

ROAD PAVEMENT

FOOTPATH / SHARED PATH

EXISTING

SWEPT PATHS

VEHICLE ENVELOPE - 12.5m

12.5

2.4

5.9

1.4

HRV - HEAVY RIGID VEHICLE

OVERALL LENGTH 12.500m

OVERALL WIDTH 2.500m

OVERALL BODY HEIGHT 4.300m

MIN BODY GROUND CLEARANCE 0.417m

TRACK WIDTH 2.500m

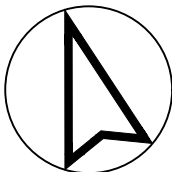
LOCK-TO-LOCK TIME 6.00s

KERB TO KERB TURNING RADIUS 12.500m

CHECK VEHICLE

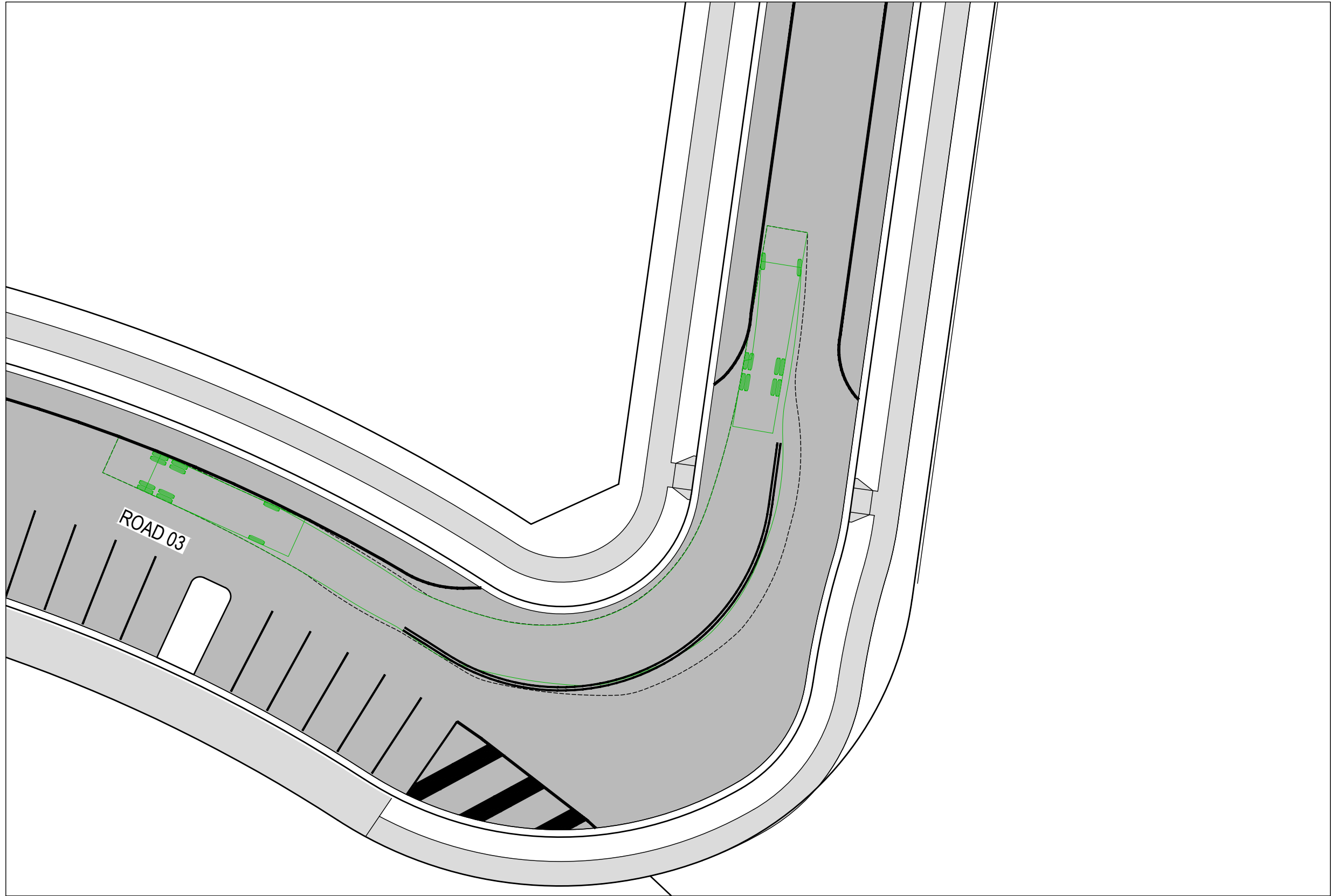
Allec Gollan, 30/10/2025 11:02 AM

REV	DATE	DESCRIPTION	AMD BY	APP BY
3	30.10.25	ISSUED FOR APPROVAL	DM	AG
2	13.10.25	ISSUED FOR APPROVAL	SCM	AG
1	22.07.25	ISSUED FOR APPROVAL	SCM	SS

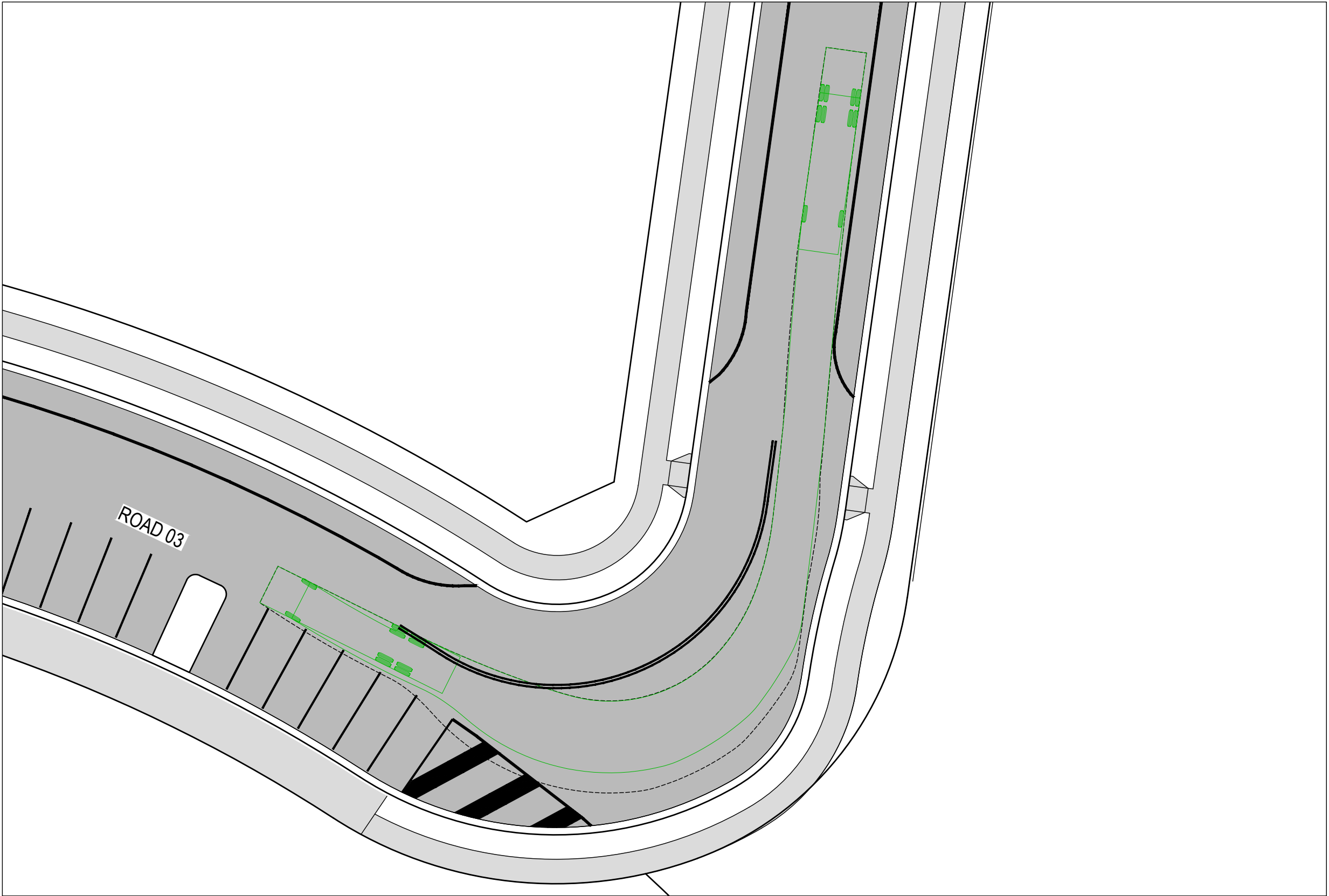


DRAWN: J.BADI	DESIGNED: S.McINNES
DRAFT CHECK: S.McINNES	DESIGN CHECK: A.GOLLAN
APPROVED:	A.GOLLAN
NOT FOR CONSTRUCTION	

CORRIMAL COKE WORKS STAGE 2-4 RESIDENTIAL SUBDIVISION SWEPT PATH LAYOUT PLAN CHECK VEHICLES			
DRAWING NUMBER MKR00452-11-C1711	SHEET No. 4 OF 5	ORIG. SIZE A1	REVISION 3



ROAD 03 SWEPT PATH 07
SCALE 1:250



ROAD 03 SWEPT PATH 08
SCALE 1:250

- PROPOSED

SITE BOUNDARY

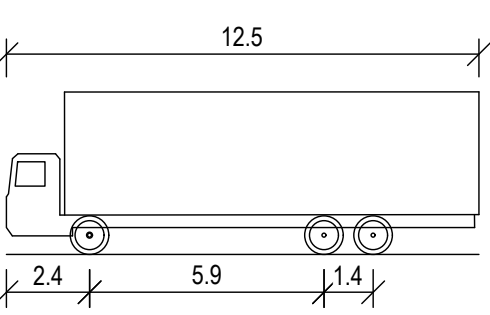
LOT BOUNDARY

ROAD PAVEMENT

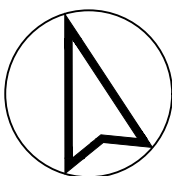
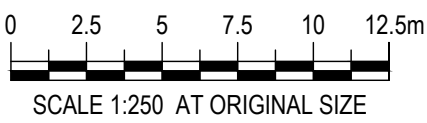
FOOTPATH / SHARED PATH
- EXISTING

LOT BOUNDARY
- SWEPT PATHS

VEHICLE ENVELOPE - 12.5m

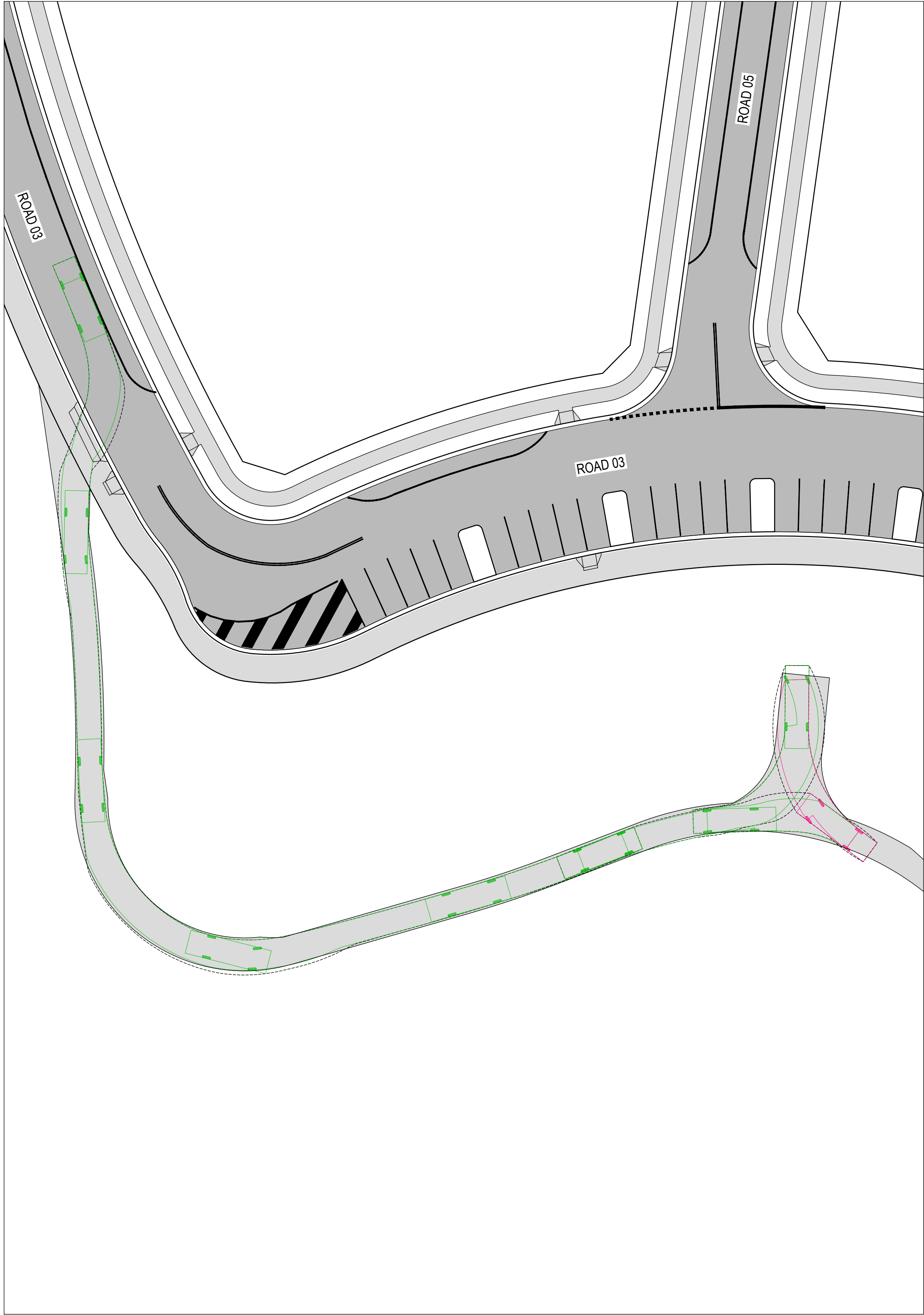


- HRV - HEAVY RIGID VEHICLE
- OVERALL LENGTH12.500m
- OVERALL WIDTH2.500m
- OVERALL BODY HEIGHT4.300m
- MIN BODY GROUND CLEARANCE0.417m
- TRACK WIDTH2.500m
- LOCK-TO-LOCK TIME6.00s
- KERB TO KERB TURNING RADIUS12.500m
- CHECK VEHICLE



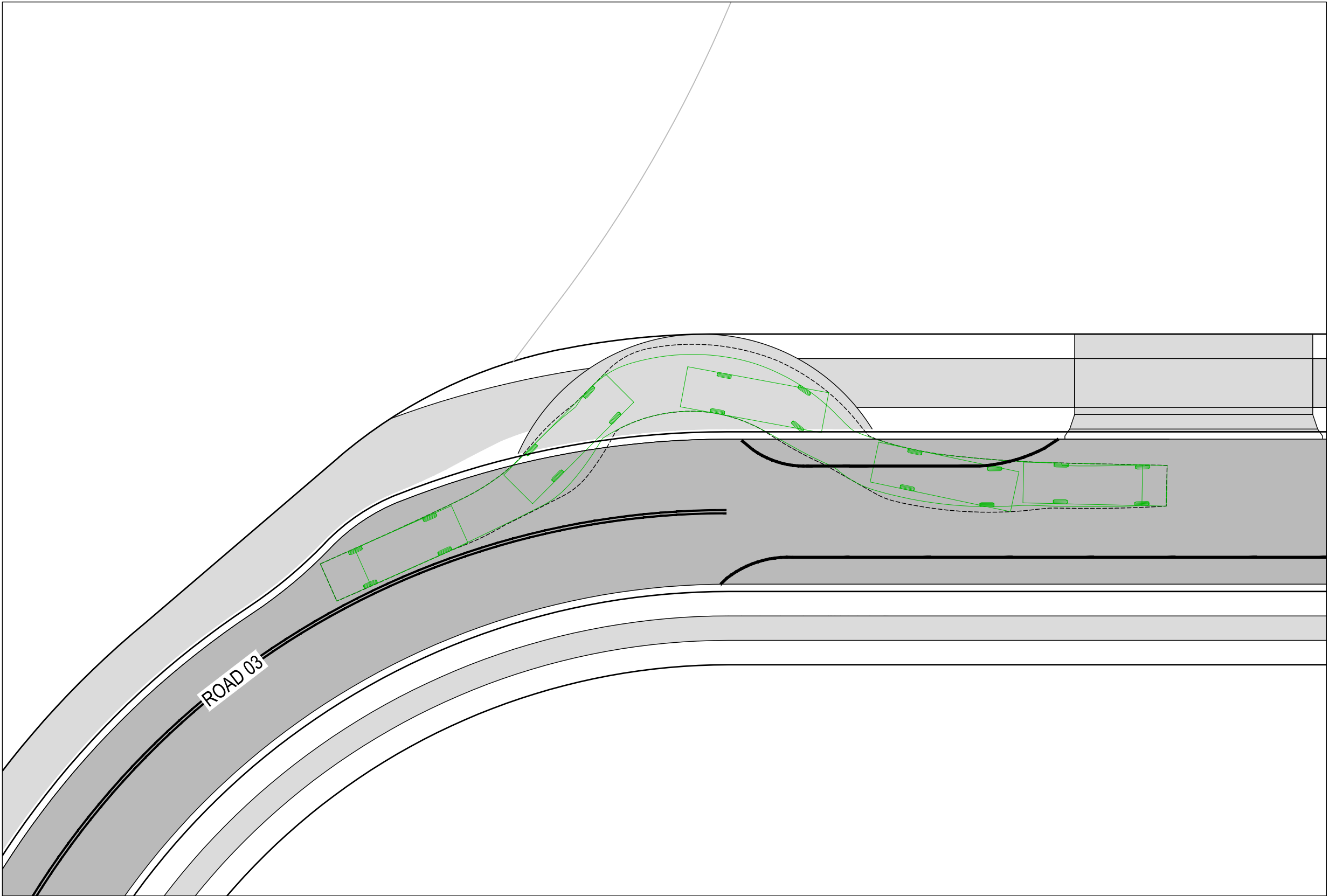
REV	DATE	DESCRIPTION	AMD BY	APP BY
3	30.10.25	ISSUED FOR APPROVAL	DM	AG
2	13.10.25	ISSUED FOR APPROVAL	SCM	AG
1	22.07.25	ISSUED FOR APPROVAL	SCM	SS

DRAWN: J.BADI	DESIGNED: S.McINNES	CORRIMAL COKE WORKS STAGE 2-4 RESIDENTIAL SUBDIVISION SWEPT PATH LAYOUT PLAN CHECK VEHICLES			
DRAFT CHECK: S.McINNES	DESIGN CHECK: A.GOLLAN				
APPROVED: A.GOLLAN					
NOT FOR CONSTRUCTION		DRAWING NUMBER MKR00452-11-C1712	SHEET No. 5 OF 5	ORIG. SIZE A1	REVISION 3



SOUTHERN PARK MAINTENANCE ACCESS SWEPT PATH 01

SCALE 1:300



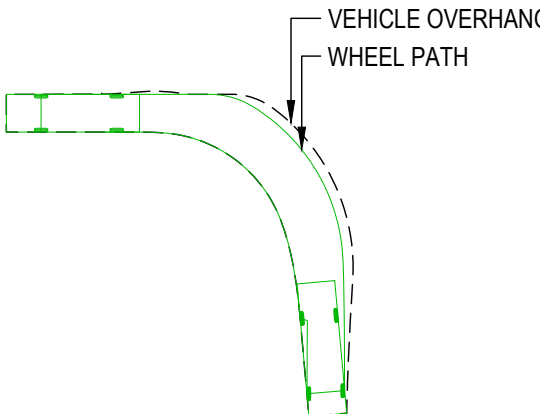
GPT PARKING BAY SWEPT PATH 01

SCALE 1:250

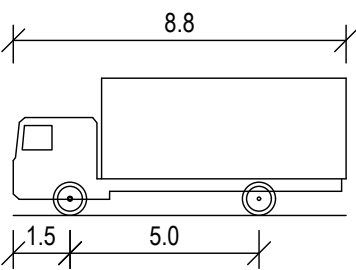
LEGEND	
PROPOSED	
—	SITE BOUNDARY
—	LOT BOUNDARY
■	ROAD PAVEMENT
■	FOOTPATH / SHARED PATH

EXISTING	
---	LOT BOUNDARY

SWEPT PATHS



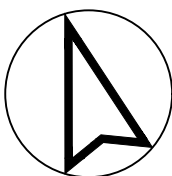
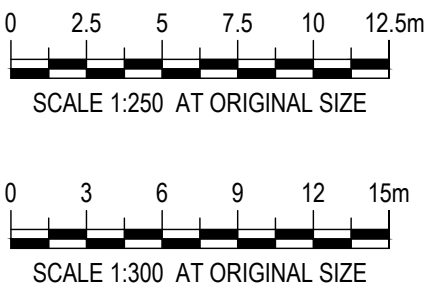
VEHICLE ENVELOPE - 8.8m



MRV - MEDIUM RIGID VEHICLE	
OVERALL LENGTH	8.800m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.633m
MIN BODY GROUND CLEARANCE	0.428m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	10.000m

DESIGN VEHICLE

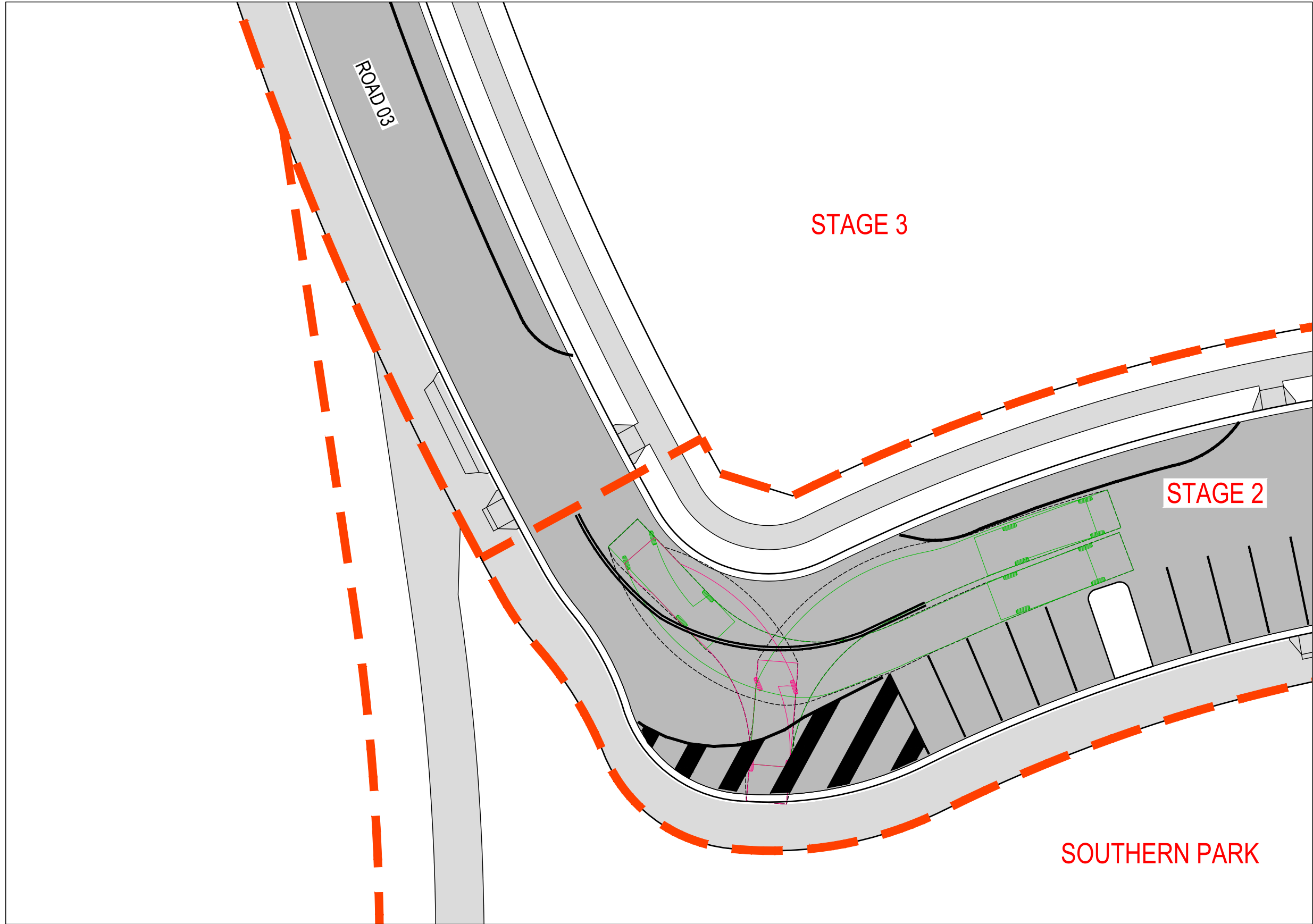
REV	DATE	DESCRIPTION	AMD BY	APP BY
3	30.10.25	ISSUED FOR APPROVAL	DM	AG
2	13.10.25	ISSUED FOR APPROVAL	SCM	AG
1	22.07.25	ISSUED FOR APPROVAL	SCM	SS



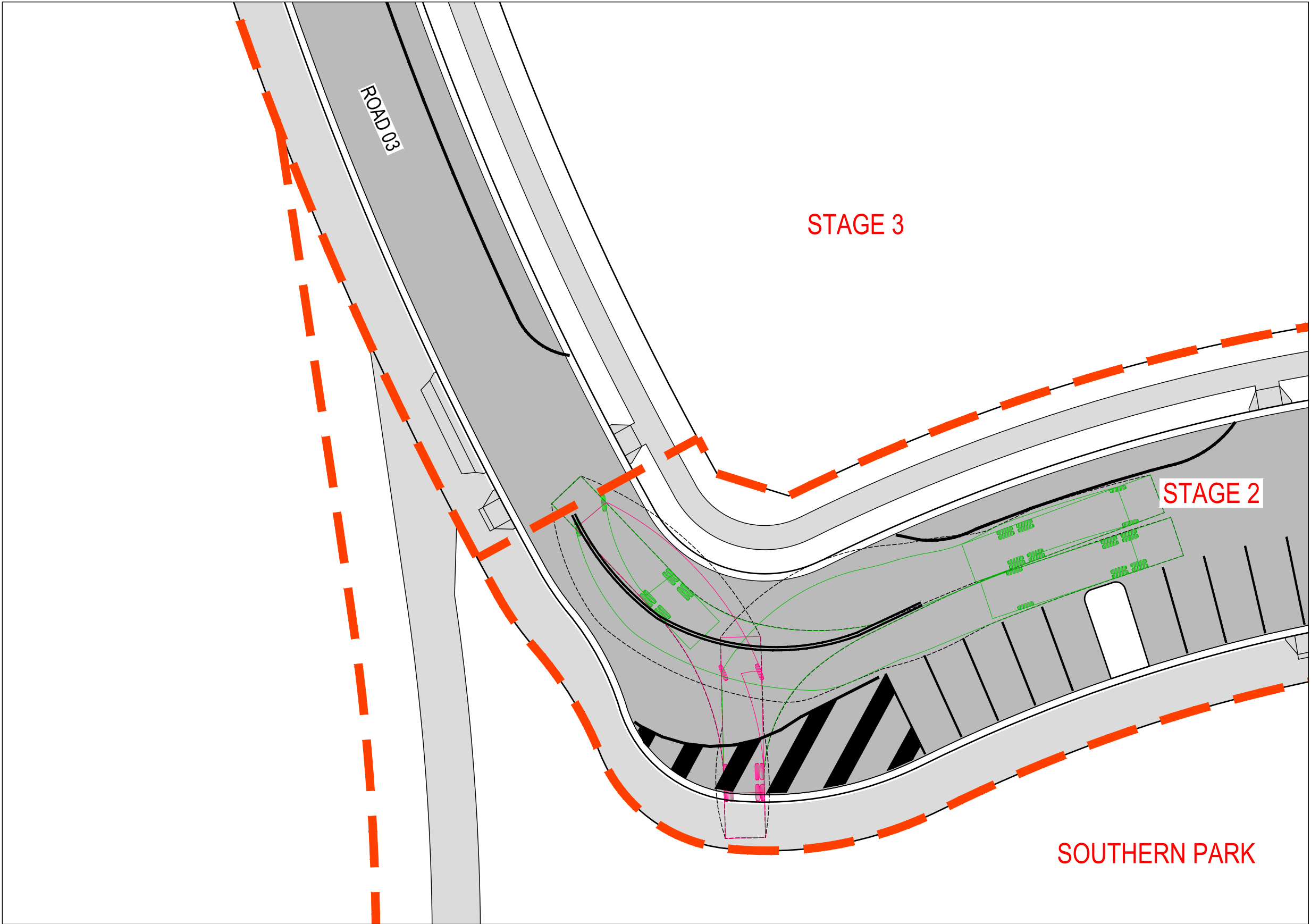
DRAWN: J.BADI	DESIGNED: S.McINNES
DRAFT CHECK: S.McINNES	DESIGN CHECK: A.GOLLAN
APPROVED:	A.GOLLAN
NOT FOR CONSTRUCTION	

CORRIMAL COKE WORKS
STAGE 2-4 RESIDENTIAL SUBDIVISION
SWEPT PATH LAYOUT PLAN
ACCESS ROADS AND PARKING BAY

DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
MKR00452-11-C1713		A1	3



STAGED TEMP ROAD 03 DESIGN VEHICLE
SCALE 1:250

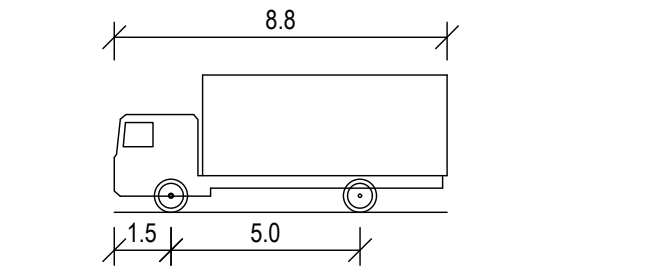


STAGED TEMP ROAD 03 CHECK VEHICLE
SCALE 1:250

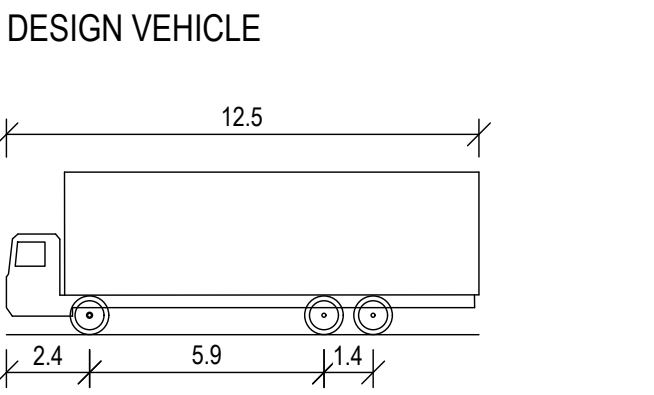
- PROPOSED**
- STAGING BOUNDARY
 - LOT BOUNDARY
 - ROAD PAVEMENT
 - FOOTPATH / SHARED PATH

- EXISTING**
- LOT BOUNDARY

- SWEPT PATHS**
- VEHICLE OVERHANG WHEEL PATH
 - VEHICLE ENVELOPE - 8.8m
 - VEHICLE ENVELOPE - 12.5m



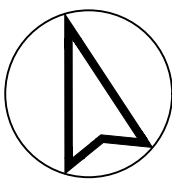
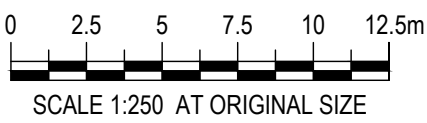
- MRV - MEDIUM RIGID VEHICLE**
- OVERALL LENGTH 8.800m
 - OVERALL WIDTH 2.500m
 - OVERALL BODY HEIGHT 3.633m
 - MIN BODY GROUND CLEARANCE 0.428m
 - TRACK WIDTH 2.500m
 - LOCK-TO-LOCK TIME 4.00s
 - KERB TO KERB TURNING RADIUS 10.000m



- HRV - HEAVY RIGID VEHICLE**
- OVERALL LENGTH 12.500m
 - OVERALL WIDTH 2.500m
 - OVERALL BODY HEIGHT 4.300m
 - MIN BODY GROUND CLEARANCE 0.417m
 - TRACK WIDTH 2.500m
 - LOCK-TO-LOCK TIME 6.00s
 - KERB TO KERB TURNING RADIUS 12.500m

CHECK VEHICLE

REV	DATE	DESCRIPTION	AMD BY	APP BY
3	30.10.25	ISSUED FOR APPROVAL	DM	AG
2	13.10.25	ISSUED FOR APPROVAL	SCM	AG
1	22.07.25	ISSUED FOR APPROVAL	SCM	SS

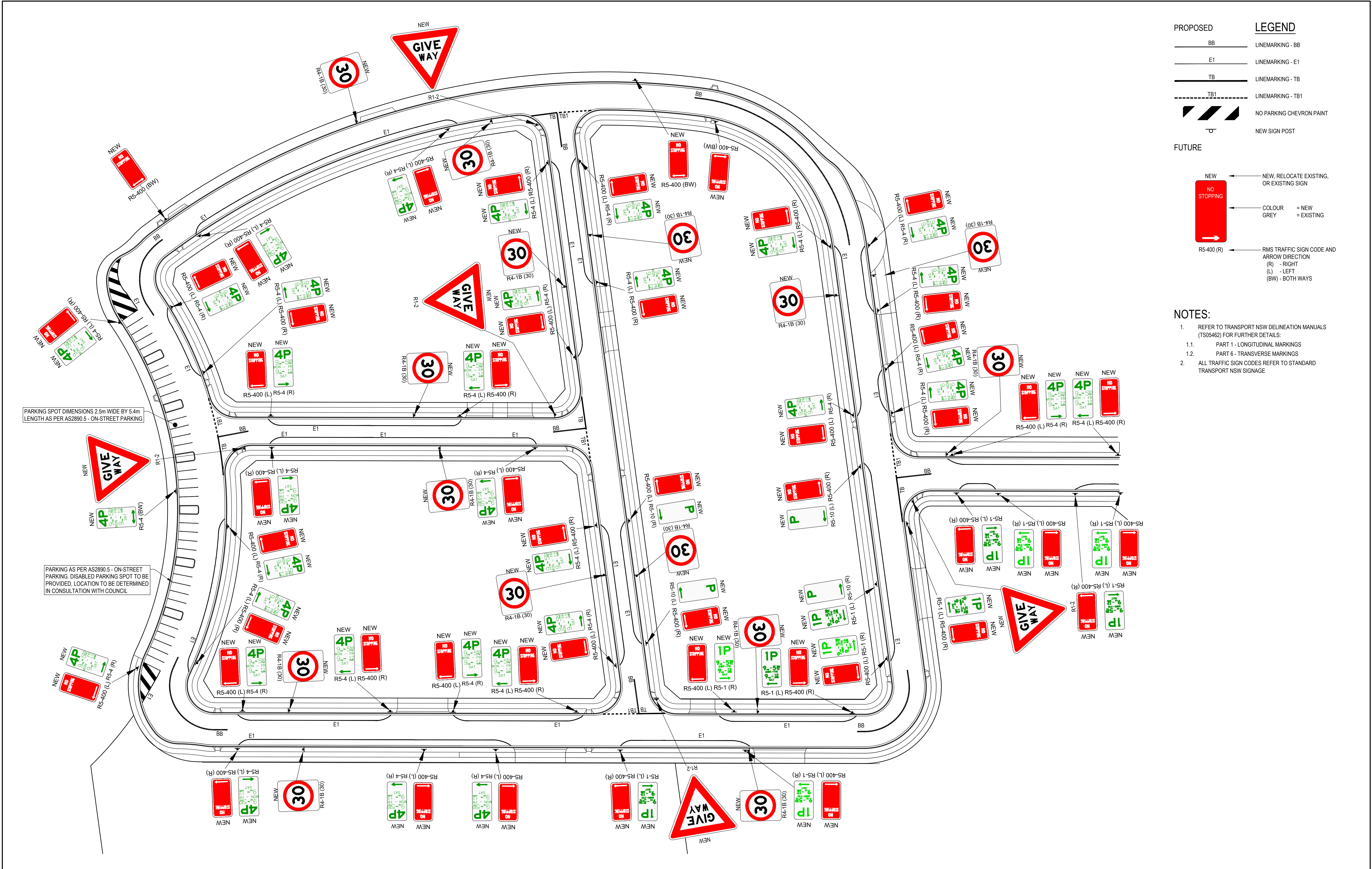


DRAWN: J.BADI	DESIGNED: S.McINNES
DRAFT CHECK: S.McINNES	DESIGN CHECK: A.GOLLAN
APPROVED:	A.GOLLAN
NOT FOR CONSTRUCTION	

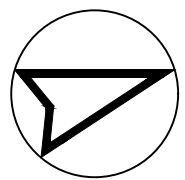
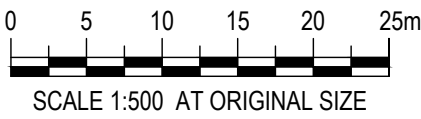
CORRIMAL COKE WORKS
STAGE 2-4 RESIDENTIAL SUBDIVISION
TEMP SWEEP PATH LAYOUT PLAN
DESIGN AND CHECK VEHICLES

DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
MKR00452-11-C1714		A1	3

Alain Gollan, 30/10/2025 11:02 AM



REV	DATE	DESCRIPTION	AMD BY	APP BY
3	30.10.25	ISSUED FOR APPROVAL	DM	AG
2	13.10.25	ISSUED FOR APPROVAL	SCM	AG
1	22.07.25	ISSUED FOR APPROVAL	SCM	SS



DRAWN: J.BADI	DESIGNED: S.McINNES
DRAFT CHECK: S.McINNES	DESIGN CHECK: A.GOLLAN
APPROVED:	A.GOLLAN
NOT FOR CONSTRUCTION	

CORRIMAL COKE WORKS
STAGE 2-4 RESIDENTIAL SUBDIVISION
LOCAL AREA TRAFFIC MANAGEMENT
LAYOUT PLAN

DRAWING NUMBER	SHEET No.	ORIG. SIZE	REVISION
MKR00452-11-C1900		A1	3

C

Tables





Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)							TRH - NEPM Fractions							Total Recoverable Hydrocarbons (TRH)				
Benzene (Total)	Toluene (Total)	Ethylbenzene (Total)	meta- & para-Xylene (Total)	ortho-Xylene (Total)	Total Xylenes (Total)	Sum of BTEX (Total)	C6 - C10 Fraction (Total)	C6 - C10 Fraction minus BTEX (F1) (Total)	>C10 - C16 Fraction (Total)	>C10 - C16 Fraction minus Naphthalene (F2) (Total)	>C16 - C34 Fraction (Total)	>C34 - C40 Fraction (Total)	>C10 - C40 Fraction (sum) (Total)	C6 - C9 Fraction (Total)	C10 - C14 Fraction (Total)	C15 - C28 Fraction (Total)	C29 - C36 Fraction (Total)	C10 - C36 Fraction (sum) (Total)
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1	1	1	2	1	2	1	10	10	50	50	100	100	50	10	50	100	50	50
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Freshwater - 95% Species Protection	950	180	80	-	350	-	-	-	-	-	-	-	-	-	-	-	-	-
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Marine Water - 95% Species Protection	700	180	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Field ID	Sampled Date	Lab Report No.	Matrix	< 1	2	< 1	< 2	< 1	-	-	< 10	< 10	< 50	< 50	< 100	< 100	< 50	< 10	< 50	< 100	< 100	< 50
RED_MW02	28-08-2025	389647	Water	< 1	2	< 1	< 2	< 1	-	-	< 10	< 10	< 50	< 50	< 100	< 100	< 50	< 10	< 50	< 100	< 100	< 50
RED_MW05	28-08-2025	389647	Water	< 1	< 1	< 1	< 2	< 1	-	-	< 10	< 10	< 50	< 50	< 100	< 100	< 50	< 10	< 50	< 100	< 100	< 50
DUP01	28-08-2025	389647	Water	< 1	< 1	< 1	< 2	< 1	-	-	< 10	< 10	< 50	< 50	< 100	< 100	< 50	< 10	< 50	< 100	< 100	< 50
TRIP01	28-08-2025	ES2527077	Water	< 1	< 2	< 2	< 2	< 2	< 2	< 1	< 20	< 20	< 100	< 100	< 100	< 100	< 100	< 20	< 50	< 100	< 50	< 50

Notes:
1 = Detected
0 = Not detected at 0.1 g/kg limit-of-reporting

				Heavy Metals																			
				Antimony (Total)	Antimony (Filtered)	Arsenic (Total)	Arsenic (Filtered)	Barium (Total)	Barium (Filtered)	Beryllium (Total)	Beryllium (Filtered)	Boron (Total)	Boron (Filtered)	Cadmium (Total)	Cadmium (Filtered)	Chromium (Total)	Chromium (Filtered)	Cobalt (Total)	Cobalt (Filtered)	Copper (Total)	Copper (Filtered)	Lead (Total)	Lead (Filtered)
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L			
				0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.0001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001		
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Freshwater - 95% Species Protection				-	-	-	-	-	-	-	-	-	940	-	0.2	-	-	-	-	-	1.4	-	3.4
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Marine Water - 95% Species Protection				-	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-	1	-	1.3	-	4.4
Field ID	Sampled Date	Lab Report No.	Matrix																				
RED_MW02	28-08-2025	389647	Water	< 1	< 1	2	2	150	140	< 0.5	< 0.5	240	210	< 0.1	< 0.1	< 1	< 1	8	9	2	< 1	< 1	< 1
RED_MW05	28-08-2025	389647	Water	< 1	< 1	3	3	110	110	< 0.5	< 0.5	80	80	< 0.1	< 0.1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1
DUP01	28-08-2025	389647	Water	< 1	< 1	3	3	110	110	< 0.5	< 0.5	60	70	< 0.1	< 0.1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1
TRIP01	28-08-2025	ES2527077	Water	< 1	< 1	4	3	142	116	< 1	< 1	70	60	< 0.1	< 0.1	1	< 1	< 1	< 1	4	< 1	2	< 1

Notes:
1 = Detected
0 = Not detected at 0.1 g/kg limit-of-reporting



	Heavy Metals																								
	Lithium (Total)	Lithium (Filtered)	Mercury (Total)	Mercury (Filtered)	Molybdenum (Total)	Molybdenum (Filtered)	Nickel (Total)	Nickel (Filtered)	Selenium (Total)	Selenium (Filtered)	Silicon as SiO2 (Filtered)	Silicon as SiO2 (Total)	Silver (Filtered)	Silver (Total)	Strontium (Filtered)	Strontium (Total)	Uranium (Filtered)	Uranium (Total)	Vanadium (Total)	Vanadium (Filtered)	Zinc (Total)	Zinc (Filtered)			
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L			
	0.001	0.001	0.0001	0.0001	0.001	0.001	0.001	0.001	0.01	0.01	0.1	0.1	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.01	0.005	0.005			
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Freshwater - 95% Species Protection	-	-	-	0.6	-	-	-	11	-	11	-	-	0.05	-	-	-	-	-	-	-	-	8			
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Marine Water - 95% Species Protection	-	-	-	0.4	-	-	-	70	-	-	-	-	1.4	-	-	-	-	-	-	100	-	8			
Field ID	Sampled Date	Lab Report No.	Matrix																						
RED_MW02	28-08-2025	389647	Water	210	200	< 0.05	< 0.05	7	5	5	4	< 1	< 1	-	-	< 1	< 1	1,600	1,500	5.1	6.5	2	2	32	24
RED_MW05	28-08-2025	389647	Water	88	89	< 0.05	< 0.05	10	8	1	< 1	< 1	< 1	-	-	< 1	< 1	1,100	1,100	0.6	0.6	11	10	15	12
DUP01	28-08-2025	389647	Water	90	90	< 0.05	< 0.05	10	7	1	< 1	< 1	< 1	-	-	< 1	< 1	1,100	1,100	0.6	0.7	11	10	16	13
TRIP01	28-08-2025	ES2527077	Water	91	90	< 0.1	< 0.1	11	9	2	< 1	< 10	< 10	24,700	26,400	< 1	< 1	1,020	1,040	< 1	< 1	10	10	25	11

Notes:
1 = Detected
0 = Not detected at 0.1 g/kg limit-of-reporting



	Polycyclic Aromatic Hydrocarbons (PAH)																						
	Acenaphthene (Total)	Acenaphthylene (Total)	Anthracene (Total)	Benzo(a)pyrene (Total)	Benz(a)anthracene (Total)	Benzo(a)pyrene TEQ (Total)	Benzo(a)pyrene TEQ (zero) (Total)	Benzo(b+g)fluoranthene (Total)	Benzo(b,j+k)fluoranthene (Total)	Benzo(g,h,i)perylene (Total)	Benzo(k)fluoranthene (Total)	Chrysene (Total)	Dibenz(a,h)anthracene (Total)	Fluoranthene (Total)	Fluorene (Total)	Indeno(1,2,3.cd)pyrene (Total)	Naphthalene (Ex SVOC) (Total)	Naphthalene (Total)	Phenanthrene (Total)	Pyrene (Total)	Total +ve PAH's (Total)	Sum of polycyclic aromatic hydrocarbons (Total)	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
	0.1	0.1	0.1	0.1	0.1	0.5	0.5	1	0.2	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	0.5
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Freshwater - 95% Species Protection	-	-	0.4	0.2	-	-	-	-	-	-	-	-	-	1.4	-	-	16	-	2	-	-	-	
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Marine Water - 95% Species Protection	-	-	0.4	0.2	-	-	-	-	-	-	-	-	-	1.4	-	-	70	-	2	-	-	-	
Field ID	Sampled Date	Lab Report No.	Matrix																				
RED_MW02	28-08-2025	389647	Water	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5	-	-	< 0.2	< 0.1	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	-
RED_MW05	28-08-2025	389647	Water	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5	-	-	< 0.2	< 0.1	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	-
DUP01	28-08-2025	389647	Water	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5	-	-	< 0.2	< 0.1	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	-
TRIP01	28-08-2025	ES2527077	Water	< 1	< 1	< 1	< 0.5	< 1	-	< 0.5	< 1	-	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	-	< 0.5

Notes:
1 = Detected
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	Parameters	Major Anions									Major Cations												
	Total Alkalinity as CaCO3 (Total)																						
		Bromide (Total)	Chloride (Total)	Fluoride (Total)	Nitrate as N in water (Filtered)	Nitrate as N (Total)	Nitrite as N in water (Filtered)	Nitrite as N (Total)	Nitrite + Nitrate as N (Total)	Sulfate as SO4 - Turbidimetric (Filtered)	Aluminium (Total)	Aluminium (Filtered)	Calcium (Filtered)	Iron (Total)	Iron (Filtered)	Magnesium (Filtered)	Manganese (Total)	Manganese (Filtered)	Potassium (Filtered)	Sodium (Filtered)			
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L			
		1	0.01	1	0.1	0.005	0.01	0.005	0.01	0.01	1	0.01	0.01	0.5	0.05	0.05	0.5	0.001	0.001	0.5	0.5		
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Freshwater - 95% Species Protection		-	-	-	-	-	-	-	-	-	-	55	-	-	-	-	-	1,900	-	-			
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Marine Water - 95% Species Protection		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Field ID	Sampled Date	Lab Report No.	Matrix																				
RED_MW02	28-08-2025	389647	Water	440,000	< 500	34,000	500	290	-	< 5	-	-	-	50	< 10	96,000	1,000	1,500	30,000	2,400	2,400	14,000	57,000
RED_MW05	28-08-2025	389647	Water	170,000	900	110,000	200	40	-	< 5	-	-	-	440	< 10	130,000	380	60	14,000	17	15	13,000	190,000
DUP01	28-08-2025	389647	Water	170,000	900	110,000	200	40	-	< 5	-	-	-	410	< 10	130,000	350	60	14,000	16	15	13,000	190,000
TRIP01	28-08-2025	ES2527077	Water	180,000	865	170,000	200	-	40	-	< 10	40	446,000	1,460	< 10	147,000	970	50	17,000	16	14	12,000	184,000

Notes:
1 = Detected
0 = Not detected at 0.1 g/kg limit-of-reporting



Nutrients										Other								Microbiological		
Ammonia as N in water (Filtered)	Total Kjeldahl Nitrogen as N (Total)	NOx as N in water (Total)	Total Nitrogen as N (Total)	Organic Nitrogen as N (Total)	Reactive Phosphorus as P (Filtered)	Sulphate. SO4 (Total)	Organic Nitrogen as N (Total)	Phosphorus - Total (Total)		Silica (Reactive - SiO2) (Total)	Hardness (calc) equivalent CaCO3 (Filtered)	Hydroxide Alkalinity as CaCO3 (Total)	Carbonate Alkalinity as CaCO3 (Total)	Bicarbonate Alkalinity as CaCO3 (Total)	Total Organic Carbon (Total)	Suspended Solids (SS) (Total)	Total Hardness as CaCO3 (Filtered)	E.coli	Enterococci	Faecal Coliforms
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L		mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L
0.005	0.1	0.005	0.1	0.1	0.005	1	0.2	0.05		0.1	3	1	1	1	1	5	1	cfu/100mL	cfu/100mL	cfu/100mL
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Freshwater - 95% Species Protection										-	-	-	-	-	-	-	-	-	-	-
ANZ Guidelines for Fresh & Marinewater Quality - toxicant DGVs Marine Water - 95% Species Protection										20	-	40	500	-	20	-	50	-	-	-

Field ID	Sampled Date	Lab Report No.	Matrix	1,600	1,700	290	2,000	-	< 5	75,000	< 0.2	< 50	19	360,000	< 5,000	< 5,000	440,000	7,000	53,000	-	<100	<10	<10
RED_MW02	28-08-2025	389647	Water	10	100	40	200	-	10	380,000	< 0.2	< 50	11	390,000	< 5,000	< 5,000	170,000	7,000	22,000	-	<10	<10	<10
RED_MW05	28-08-2025	389647	Water	< 5	100	40	200	-	10	380,000	< 0.2	< 50	9.3	390,000	< 5,000	< 5,000	170,000	5,000	20,000	-	<100	<10	<10
DUP01	28-08-2025	389647	Water	< 10	300	-	300	300	20	-	-	40	-	-	< 1,000	< 1,000	180,000	5,000	16,000	437,000	<1	2	-
TRIP01	28-08-2025	ES2527077	Water																				

Notes:
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Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)							TRH - NEPM Fractions							Total Recoverable Hydrocarbons (TRH)				
Benzene (Total)	Toluene (Total)	Ethylbenzene (Total)	m+p-xylene (Total)	o-xylene (Total)	Total Xylenes (Total)	Sum of BTEX (Total)	C6 - C10 Fraction (Total)	C6 - C10 Fraction minus BTEX (F1) (Total)	>C10 - C16 Fraction (Total)	>C10 - C16 Fraction minus Naphthalene (F2) (Total)	>C16 - C34 Fraction (Total)	>C34 - C40 Fraction (Total)	>C10 - C40 Fraction (sum) (Total)	C6 - C9 Fraction (Total)	C10 - C14 Fraction (Total)	C15 - C28 Fraction (Total)	C29 - C36 Fraction (Total)	C10 - C36 Fraction (sum) (Total)
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1	2	2	2	2	2	1	20	20	100	100	100	100	100	20	50	100	50	50
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection	950	180	80	-	350	-	-	-	-	-	-	-	-	-	-	-	-	-
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection	700	180	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Field ID	Sampled Date	Lab Report No.	Matrix
SW_S2-01	11-09-2025	ES2528399	Water
SW_S3-01	11-09-2025	ES2528399	Water
SW_S4-01	11-09-2025	ES2528399	Water

Notes:
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				Heavy Metals																			
				Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Lead (Filtered)	Lithium (Filtered)	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Silver (Filtered)	Strontium (Filtered)	Uranium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L			
0.001	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001	0.001	0.001	0.01	0.001	0.001	0.001	0.001	0.01	0.005		
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection	-	-	-	-	940	0.2	-	-	1.4	3.4	-	0.6	-	11	11	0.05	-	-	-	8			
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection	-	-	-	-	-	5.5	-	1	1.3	4.4	-	0.4	-	70	-	1.4	-	-	100	8			
Field ID	Sampled Date	Lab Report No.	Matrix																				
SW_S2-01	11-09-2025	ES2528399	Water	< 1	< 1	43	< 1	< 50	< 0.1	< 1	< 1	3	< 1	2	< 0.1	< 1	1	< 10	< 1	96	< 1	< 10	12
SW_S3-01	11-09-2025	ES2528399	Water	< 1	< 1	34	< 1	< 50	< 0.1	< 1	< 1	3	< 1	4	< 0.1	< 1	1	< 10	< 1	81	< 1	< 10	9
SW_S4-01	11-09-2025	ES2528399	Water	< 1	1	47	< 1	< 50	< 0.1	< 1	< 1	3	< 1	2	< 0.1	< 1	1	< 10	< 1	103	< 1	< 10	7

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	Polycyclic Aromatic Hydrocarbons (PAH)																			
	Acenaphthene (Total)	Acenaphthylene (Total)	Anthracene (Total)	Benzo(a)pyrene (Total)	Benzo(a)anthracene (Total)	Benzo(a)pyrene TEQ (zero) (Total)	Benzo(b+j)fluoranthene (Total)	Benzo(g,h,i)perylene (Total)	Benzo(k)fluoranthene (Total)	Chrysene (Total)	Dibenz(a,h)anthracene (Total)	Fluoranthene (Total)	Fluorene (Total)	Indeno(1,2,3.cd)pyrene (Total)	Naphthalene (Ex SVOC) (Total)	Naphthalene (Total)	Phenanthrene (Total)	Pyrene (Total)	Sum of polycyclic aromatic hydrocarbons (Total)	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
	1	1	1	0.5	1	0.5	1	1	1	1	1	1	1	1	1	5	1	1	0.5	
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection	-	-	0.4	0.2	-	-	-	-	-	-	-	1.4	-	-	16	-	2	-	-	
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection	-	-	0.4	0.2	-	-	-	-	-	-	-	1.4	-	-	70	-	2	-	-	
Field ID	Sampled Date	Lab Report No.	Matrix																	
SW_S2-01	11-09-2025	ES2528399	Water	<1	<1	<1	<0.5	<1	<0.5	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	
SW_S3-01	11-09-2025	ES2528399	Water	<1	<1	<1	<0.5	<1	<0.5	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	
SW_S4-01	11-09-2025	ES2528399	Water	<1	<1	<1	<0.5	<1	<0.5	<1	<1	<1	<1	<1	<1	<5	<1	<1	<0.5	

Notes:
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				Polychlorinated Biphenyls (PCB)								Volatile Organic Chemicals (VOC)											
				Aroclor 1016 (Total)	Aroclor 1221 (Total)	Aroclor 1232 (Total)	Aroclor 1242 (Total)	Aroclor 1248 (Total)	Aroclor 1254 (Total)	Aroclor 1260 (Total)	Total Polychlorinated biphenyls (Total)	1,1-Dichloroethane (Total)	1,1-Dichloroethene (Total)	1,1-Dichloropropylene (Total)	1,1,1-Trichloroethane (Total)	1,1,1,2-Tetrachloroethane (Total)	1,1,2-Trichloroethane (Total)	1,1,2,2-Tetrachloroethane (Total)	1,2-Dibromo-3-chloropropane (Total)	1,2-Dibromoethane (EDB) (Total)	1,2-Dichlorobenzene (Total)	1,2-Dichloroethane (Total)	trans-1,2-Dichloroethene (Total)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	5	5	5	5	5	5	5	5	5	5	5	5
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection				-	-	-	0.6	-	0.03	-	-	-	700	-	270	-	6,500	400	-	-	160	1,900	-
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection				-	-	-	-	-	-	-	-	-	700	-	270	-	1,900	400	-	-	-	1,900	-
Field ID	Sampled Date	Lab Report No.	Matrix																				
SW_S2-01	11-09-2025	ES2528399	Water	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW_S3-01	11-09-2025	ES2528399	Water	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW_S4-01	11-09-2025	ES2528399	Water	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Notes:
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	Volatile Organic Chemicals (VOC)																			
	1,2-Dichloropropane (Total)	1,2,3-Trichlorobenzene (Total)	1,2,3-Trichloropropane (Total)	1,2,4-Trichlorobenzene (Total)	1,2,4-Trimethylbenzene (Total)	1,3-Dichlorobenzene (Total)	1,3-Dichloropropane (Total)	1,3,5-Trimethylbenzene (Total)	1,4-Dichlorobenzene (Total)	2-Chlorotoluene (Total)	2-Hexanone (MBK) (Total)	2,2-Dichloropropane (Total)	4-Chlorotoluene (Total)	4-Methyl-2-pentanone (MIBK) (Total)	Bromobenzene (Total)	Bromodichloromethane (Total)	Bromoform (Total)	Bromomethane (Total)	Carbon disulfide (Total)	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
	5	5	5	5	5	5	5	5	5	5	50	5	5	50	5	5	5	50	5	
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection	900	10	-	170	-	260	1,100	-	60	-	-	-	-	-	-	-	-	-	-	
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection	900	-	-	80	-	-	1,100	-	-	-	-	-	-	-	-	-	-	-	-	
Field ID	Sampled Date	Lab Report No.	Matrix																	
SW_S2-01	11-09-2025	ES2528399	Water	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 50	< 5	< 5	< 5	
SW_S3-01	11-09-2025	ES2528399	Water	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 50	< 5	< 5	< 5	
SW_S4-01	11-09-2025	ES2528399	Water	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 50	< 5	< 5	< 5	

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	Volatile Organic Chemicals (VOC)																				
	Carbon Tetrachloride (Total)	Chlorobenzene (Total)	Dibromochloromethane (Total)	Chloroethane (Total)	Chloroform (Total)	Chloromethane (Total)	cis-1,2-Dichloroethene (Total)	cis-1,3-Dichloropropylene (Total)	cis-1,4-Dichloro-2-butene (Total)	Dibromomethane (Total)	Dichlorodifluoromethane (Total)	Hexachlorobutadiene (Total)	Iodomethane (Total)	Isopropylbenzene (Total)	2-Butanone (MEK) (Total)	n-Butylbenzene (Total)	n-Propylbenzene (Total)	p-Isopropyltoluene (Total)	Pentachloroethane (Total)	sec-Butylbenzene (Total)	Styrene (Total)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	5	5	5	50	5	50	5	5	5	5	50	5	5	5	50	5	5	5	5	5	5
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection	240	55	-	-	770	-	-	-	-	-	-	-	-	30	-	-	-	-	80	-	-
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection	240	55	-	-	770	-	-	-	-	-	-	-	-	30	-	-	-	-	80	-	-
Field ID	Sampled Date	Lab Report No.	Matrix	< 5	< 5	< 5	< 50	< 5	< 50	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 5	< 50	< 5	< 5	< 5
SW_S2-01	11-09-2025	ES2528399	Water	< 5	< 5	< 5	< 50	< 5	< 50	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 5	< 50	< 5	< 5	< 5
SW_S3-01	11-09-2025	ES2528399	Water	< 5	< 5	< 5	< 50	< 5	< 50	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 5	< 50	< 5	< 5	< 5
SW_S4-01	11-09-2025	ES2528399	Water	< 5	< 5	< 5	< 50	< 5	< 50	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 5	< 50	< 5	< 5	< 5

Notes:
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0 = Not detected at 0.1 g/kg limit-of-reporting



Volatile Organic Chemicals (VOC)								Parameters	Major Anions					Major Cations						
tert-Butylbenzene (Total)	Tetrachloroethene (Total)	trans-1,3-Dichloropropylene (Total)	trans-1,4-Dichloro-2-butene (Total)	Trichloroethene (Total)	Trichlorofluoromethane (Total)	Vinyl Acetate (Total)	Vinyl chloride (Total)	Total Alkalinity as CaCO3 (Total)	Chloride (Total)	Nitrate as N (Total)	Nitrite as N (Total)	Nitrite + Nitrate as N (Total)	Sulfate as SO4 - Turbidimetric (Filtered)	Aluminium (Filtered)	Calcium (Filtered)	Iron (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Potassium (Filtered)	Sodium (Filtered)
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
5	5	5	5	5	50	50	50	1	1	0.01	0.01	0.01	1	0.01	1	0.05	1	0.001	1	1
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection	-	70	-	-	330	-	-	100	-	-	-	-	-	55	-	-	-	1,900	-	-
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection	-	70	-	-	330	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-

Field ID	Sampled Date	Lab Report No.	Matrix	< 5	< 5	< 5	< 5	< 5	< 50	< 50	< 50	53,000	25,000	710	< 10	710	15,000	60	12,000	240	5,000	17	2,000	24,000
SW_S2-01	11-09-2025	ES2528399	Water	< 5	< 5	< 5	< 5	< 5	< 50	< 50	< 50	53,000	25,000	710	< 10	710	15,000	60	12,000	240	5,000	17	2,000	24,000
SW_S3-01	11-09-2025	ES2528399	Water	< 5	< 5	< 5	< 5	< 5	< 50	< 50	< 50	43,000	20,000	560	< 10	560	14,000	110	10,000	300	4,000	21	2,000	19,000
SW_S4-01	11-09-2025	ES2528399	Water	< 5	< 5	< 5	< 5	< 5	< 50	< 50	< 50	53,000	26,000	720	< 10	720	14,000	120	12,000	230	6,000	23	2,000	24,000

Notes:
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	Nutrients						Organochlorine Pesticides (OCP)																	
	Ammonia as N (Total)	Total Kjeldahl Nitrogen as N (Total)	Total Nitrogen as N (Total)	Organic Nitrogen as N (Total)	Reactive Phosphorus as P (Filtered)	Total Phosphorus as P (Total)	4,4'-DDE (Total)	alpha-BHC (Total)	Aldrin (Total)	beta-BHC (Total)	cis-Chlordane (Total)	Total Chlordane (sum) (Total)	trans-Chlordane (Total)	delta-BHC (Total)	4,4'-DDD (Total)	4,4'-DDT (Total)	Sum of DDD + DDE + DDT (Total)	Dieldrin (Total)	Endosulfan (sum) (Total)	alpha-Endosulfan (Total)	beta-Endosulfan (Total)	Endosulfan sulfate (Total)	Endrin (Total)	
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
0.01	0.1	0.1	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection	-	-	-	-	-	-	-	-	-	-	-	0.08	-	-	-	0.01	-	-	0.2	-	-	-	0.02	
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection	20	-	500	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-	-	-	0.008	
Field ID	Sampled Date	Lab Report No.	Matrix	20	700	1,400	700	50	200	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
SW_S2-01	11-09-2025	ES2528399	Water	20	700	1,400	700	50	200	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
SW_S3-01	11-09-2025	ES2528399	Water	50	700	1,300	600	50	230	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
SW_S4-01	11-09-2025	ES2528399	Water	20	700	1,400	700	40	180	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	

Notes:
1 = Detected
0 = Not detected at 0.1 g/kg limit-of-reporting



	Organochlorine Pesticides (OCP)							Organophosphorus Pesticides (OPP)																							
	Endrin aldehyde (Total)	Endrin ketone (Total)	gamma-BHC - (Lindane) (Total)	Heptachlor (Total)	Heptachlor epoxide (Total)	Hexachlorobenzene (HCB) (Total)	Methoxychlor (Total)	Azinphos-methyl (Total)	Bromophos-ethyl (Total)	Carbofenthoion (Total)	Chlorfenvinphos (Total)	Chlorpyrifos (Total)	Chlorpyrifos-methyl (Total)	Coumaphos (Total)	Demeton-S-methyl (Total)	Diazinon (Total)	Dichlorvos (Total)	Dimethoate (Total)	Disulfoton (Total)	Ethion (Total)	Fenamiphos (Total)	Fenitrothion (Total)	Fenthion (Total)	Malathion (Total)	Methidathion (Total)	Parathion-methyl (Total)					
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L						
0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.02	0.1	0.02	0.02	0.02	0.02	0.2	0.01	0.02	0.01	0.2	0.02	0.05	0.02	0.01	2	0.05	0.02	0.1	0.5					
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection	-	-	0.2	0.09	-	0.1	-	0.02	-	-	-	0.01	-	-	-	0.01	-	0.15	-	-	-	0.2	-	0.05	-	-					
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection	-	-	-	-	-	0.1	-	-	-	-	-	0.009	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Field ID	Sampled Date	Lab Report No.	Matrix	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.1	< 0.02	< 0.02	< 0.02	< 0.2	< 0.01	< 0.02	< 0.01	< 0.2	< 0.02	< 0.05	< 0.02	< 0.01	< 2	< 0.05	< 0.02	< 0.1	< 0.5		
SW_S2-01	11-09-2025	ES2528399	Water	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.1	< 0.02	< 0.02	< 0.02	< 0.2	< 0.01	< 0.02	< 0.01	< 0.2	< 0.02	< 0.05	< 0.02	< 0.01	< 2	< 0.05	< 0.02	< 0.1	< 0.5		
SW_S3-01	11-09-2025	ES2528399	Water	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.1	< 0.02	< 0.02	< 0.02	< 0.2	< 0.01	< 0.02	< 0.01	< 0.2	< 0.02	< 0.05	< 0.02	< 0.01	< 2	< 0.05	< 0.02	< 0.1	< 0.5		
SW_S4-01	11-09-2025	ES2528399	Water	< 0.01	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.1	< 0.02	< 0.02	< 0.02	< 0.2	< 0.01	< 0.02	< 0.01	< 0.2	< 0.02	< 0.05	< 0.02	< 0.01	< 2	< 0.05	< 0.02	< 0.1	< 0.5		
Notes: 1 = Detected 0 = Not detected at 0.1 g/kg limit-of-reporting																															



	Organophosphorus Pesticides (OPP)																			
	Mevinphos (Total)	Monocrotophos (Total)	Parathion (Total)	Phorate (Total)	Pirimiphos-ethyl (Total)	Prothiofos (Total)	Fenchlorphos (Rommel) (Total)	Sulprofos (Total)	Demeton-S (Total)	Demeton-O (Total)	EPN (Total)	Ethoprophos (Total)	Fensulfothion (Total)	Omethoate (Total)	Pirimiphos-methyl (Total)	Pyrazophos (Total)	Terbufos (Total)	Tetrachlorinphos (Total)	Trichloronate (Total)	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
	0.02	0.02	0.2	0.1	0.01	0.1	10	0.05	0.02	0.02	0.05	0.01	0.01	0.01	0.01	0.1	0.01	0.01	0.5	
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection	-	-	0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Field ID	Sampled Date	Lab Report No.	Matrix																	
SW_S2-01	11-09-2025	ES2528399	Water	< 0.02	< 0.02	< 0.2	< 0.1	< 0.01	< 0.1	< 10	< 0.05	< 0.02	< 0.02	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	
SW_S3-01	11-09-2025	ES2528399	Water	< 0.02	< 0.02	< 0.2	< 0.1	< 0.01	< 0.1	< 10	< 0.05	< 0.02	< 0.02	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	
SW_S4-01	11-09-2025	ES2528399	Water	< 0.02	< 0.02	< 0.2	< 0.1	< 0.01	< 0.1	< 10	< 0.05	< 0.02	< 0.02	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	

Notes:
1 = Detected
0 = Not detected at 0.1 g/kg limit-of-reporting

	Other																					
	Acephate (Total)	Bicarbonate Alkalinity as CaCO3 (Total)	Carbonate Alkalinity as CaCO3 (Total)	Hydroxide Alkalinity as CaCO3 (Total)	Azinphos-ethyl (Total)	Bensulide (Total)	Total Organic Carbon (Total)	Demeton-O & Demeton-S (Total)	Dissolved Oxygen (Total)	Formothion (Total)	Fosetyl Aluminium (Total)	Total Hardness as CaCO3 (Filtered)	Naftalofos (Total)	Oxychlordane (Total)	Profenofos (Total)	Sulfotep (Total)	Temephos (Total)	Thiometon (Total)	Total Dissolved Solids @180C (Total)	Suspended Solids (SS) (Total)	Triazophos (Total)	Trichlorfon (Total)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	0.5	1	1	1	0.02	0.1	1	0.02	0.1	20	10	1	1	0.01	0.01	0.005	0.02	0.5	10	5	0.005	0.02
ANZG (2018) Toxicant DGVs Freshwater - 95% Species Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANZG (2018) Toxicant DGVs Marine Water - 95% Species Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	-	-	-	-	-

Field ID	Sampled Date	Lab Report No.	Matrix	< 0.5	53,000	< 1,000	< 1,000	< 0.02	< 0.1	9,000	< 0.02	11,000	< 20	< 10	50,000	< 1	< 0.01	< 0.01	< 0.005	< 0.02	< 0.5	174,000	54,000	< 0.005	< 0.02
SW_S2-01	11-09-2025	ES2528399	Water	< 0.5	53,000	< 1,000	< 1,000	< 0.02	< 0.1	9,000	< 0.02	11,000	< 20	< 10	41,000	< 1	< 0.01	< 0.01	< 0.005	< 0.02	< 0.5	157,000	70,000	< 0.005	< 0.02
SW_S3-01	11-09-2025	ES2528399	Water	< 0.5	53,000	< 1,000	< 1,000	< 0.02	< 0.1	10,000	< 0.02	10,800	< 20	< 10	55,000	< 1	< 0.01	< 0.01	< 0.005	< 0.02	< 0.5	171,000	38,000	< 0.005	< 0.02

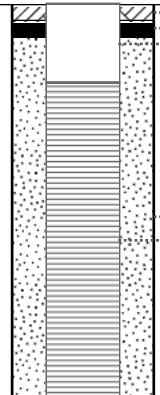
Notes:
1 = Detected
0 = Not detected at 0.1 g/kg limit-of-reporting

D

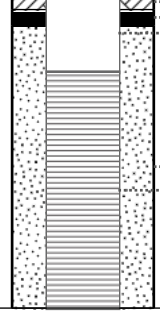
Borelogs



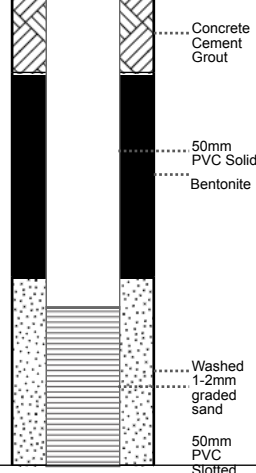
Latitude : -34.37355	Drill Supplier :	Job Number : 25234	Sheet : 1 OF 1
Longitude : 150.90069	Driller Company :	Client :	
Elevation : Not Surveyed	Logged By : Tanner Graham	Project : Corrimal Coke Works - Stage 2 Hydrogeological Assessment	
Total Depth : 2.5 m	Date : 19/08/2025	Location : 23 Railway St, Corrimal NSW 2518, Australia	

Drilling Method	Depth (m)	Elevation (m)	Soil Origin	Graphic Log	Moisture	Material Description	Comments	Well Diagram	Water
	1		Fill		M	Fill. Gravelly SAND. SP: very loose, black / grey, fine grained, fine to coarse sized gravel, moist, carbonaceous material (coal, coke fine and gravel).	Carbonaceous material (coal, coke fine and gravel)	 Concrete Cement Grout Bentonite 50mm PVC Solid Washed 1-2mm graded sand 50mm PVC Slotted	
	2		Alluvial		W-M	Alluvial. Silty CLAY. CI-CH: soft, medium to high plasticity, grey / brown, trace fine sized gravel, organic, wet to moist.			
						RED_MW01 Terminated at 2.5 m			

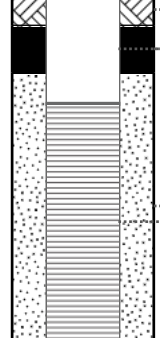
Latitude : -34.37355	Drill Supplier : XSITE Drilling Pty Ltd	Job Number : 25234	Sheet : 1 OF 1
Longitude : 150.90069	Driller Company : XSITE Drilling Pty Ltd	Client :	
Elevation : Not Surveyed	Logged By : Tanner Graham	Project : Corrimal Coke Works - Stage 2 Hydrogeological Assessment	
Total Depth : 2 m	Date : 19/08/2025	Location : 23 Railway St, Corrimal NSW 2518, Australia	

Drilling Method	Depth (m)	Elevation (m)	Soil Origin	Graphic Log	Moisture	Material Description	Comments	Well Diagram	Water
	1		Fill		M	Fill. Gravelly SAND. SW: very loose, black / grey, fine to coarse grained, coarse sized gravel, moist, carbonaceous material (coal, coke fine and gravel).	Carbonaceous material (coal, coke fine and gravel)		
			Alluvial		W-M	Alluvial. Silty CLAY. CI-CH: soft, medium to high plasticity, grey / brown, organic, wet to moist.			
						RED_MW02 Terminated at 2 m			

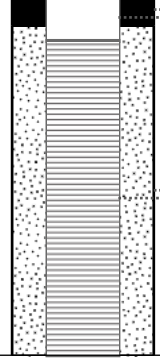
Latitude : -34.37355	Drill Supplier : XSITE Drilling Pty Ltd	Job Number : 25234	Sheet : 1 OF 1
Longitude : 150.90069	Driller Company : XSITE Drilling Pty Ltd	Client :	
Elevation : Not Surveyed	Logged By : Tanner Graham	Project : Corrimal Coke Works - Stage 2 Hydrogeological Assessment	
Total Depth : 3 m	Date : 19/08/2025	Location : 23 Railway St, Corrimal NSW 2518, Australia	

Drilling Method	Depth (m)	Elevation (m)	Soil Origin	Graphic Log	Moisture	Material Description	Comments	Well Diagram	Water
	1		Fill		M	Fill. Gravelly SAND. SP: very loose, black / grey, fine grained, fine to coarse sized gravel, moist, carbonaceous material (coal, coke fine and gravel).	Carbonaceous material (coal, coke fine and gravel)		
	2		Alluvial		M	Alluvial. Silty CLAY. CI-CH: soft, medium to high plasticity, grey / brown, organic, moist.			
						RED_MW03 Terminated at 3 m			

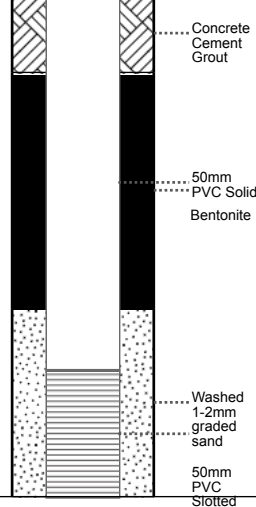
Latitude : -34.37355	Drill Supplier : XSITE Drilling Pty Ltd	Job Number : 25234	Sheet : 1 OF 1
Longitude : 150.90069	Driller Company : XSITE Drilling Pty Ltd	Client :	
Elevation : Not Surveyed	Logged By : Tanner Graham	Project : Corrimal Coke Works - Stage 2 Hydrogeological Assessment	
Total Depth : 2.2 m	Date : 19/08/2025	Location : 23 Railway St, Corrimal NSW 2518, Australia	

Drilling Method	Depth (m)	Elevation (m)	Soil Origin	Graphic Log	Moisture	Material Description	Comments	Well Diagram	Water
	1		Fill		D	Fill. Gravelly SAND. SP: very loose, black / grey, fine grained, coarse sized gravel, dry, carbonaceous material (coal, coke fine and gravel) with brick and large gravels.	Carbonaceous material (coal, coke fine and gravel) with brick and large gravels		
			Alluvial		M-D	Alluvial. Silty CLAY. CI: soft, medium plasticity, grey / brown, organic, moist to dry.			
	2		Alluvial		M	As above, but CH: stiff, high plasticity, pale brown, moist.			
						RED_MW04 Terminated at 2.2 m			

Latitude : -34.37355	Drill Supplier : XSITE Drilling Pty Ltd	Job Number : 25234	Sheet : 1 OF 1
Longitude : 150.90069	Driller Company : XSITE Drilling Pty Ltd	Client :	
Elevation : Not Surveyed	Logged By : Tanner Graham	Project : Corrimal Coke Works - Stage 2 Hydrogeological Assessment	
Total Depth : 2.3 m	Date : 19/08/2025	Location : 23 Railway St, Corrimal NSW 2518, Australia	

Drilling Method	Depth (m)	Elevation (m)	Soil Origin	Graphic Log	Moisture	Material Description	Comments	Well Diagram	Water
	1		Fill		W	Fill. Gravelly SAND. SP: very loose, black / grey, fine grained, fine to coarse sized gravel, wet, carbonaceous material (coal, coke fine and gravel).	Carbonaceous material (coal, coke fine and gravel)		
			Fill		W-M	Fill. Sandy to Silty CLAY. CI-CH: medium to high plasticity, soft, grey / brown, coarse grained sand, with medium sized gravel, organic, wet to moist.			
	2		Fill		W-M	As above, but Sandy reddish brown.			
						RED_MW05 Terminated at 2.3 m			

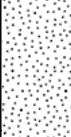
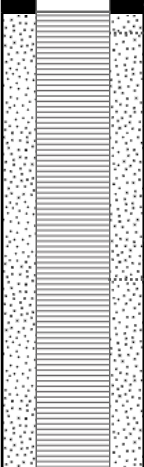
Latitude : -34.37355	Drill Supplier : XSITE Drilling Pty Ltd	Job Number : 25234	Sheet : 1 OF 1
Longitude : 150.90069	Driller Company : XSITE Drilling Pty Ltd	Client :	
Elevation : Not Surveyed	Logged By : Tanner Graham	Project : Corrimal Coke Works - Stage 2 Hydrogeological Assessment	
Total Depth : 3.2 m	Date : 19/08/2025	Location : 23 Railway St, Corrimal NSW 2518, Australia	

Drilling Method	Depth (m)	Elevation (m)	Soil Origin	Graphic Log	Moisture	Material Description	Comments	Well Diagram	Water
	1		Fill		M	Fill. Gravelly SAND. SP: very loose, black / grey, fine grained, fine to coarse sized gravel, moist, carbonaceous material (coal, coke fine and gravel).	Carbonaceous material (coal, coke fine and gravel)		
	2		Fill		M	As above, but carbonaceous material (coal, coke fine and gravel) with brick and concrete.	Carbonaceous material (coal, coke fine and gravel) with brick and concrete		
	3		Alluvial		M-D	Alluvial. Silty CLAY. CI-CH: soft to firm, medium to high plasticity, brown, organic, moist to dry.			
						RED_MW06 Terminated at 3.2 m			

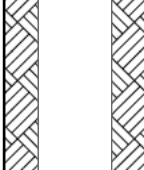
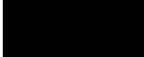
Latitude : -34.37355	Drill Supplier : XSITE Drilling Pty Ltd	Job Number : 25234	Sheet : 1 OF 1
Longitude : 150.90069	Driller Company : XSITE Drilling Pty Ltd	Client :	
Elevation : Not Surveyed	Logged By : Tanner Graham	Project : Corrimal Coke Works - Stage 2 Hydrogeological Assessment	
Total Depth : 5 m	Date : 19/08/2025	Location : 23 Railway St, Corrimal NSW 2518, Australia	

Drilling Method	Depth (m)	Elevation (m)	Soil Origin	Graphic Log	Moisture	Material Description	Comments	Well Diagram	Water
	1		Fill		M-D	Fill. Gravelly SAND. SP: very loose, black / grey, fine grained, fine to coarse sized gravel, moist to dry, carbonaceous material (coal, coke fine and gravel) with concrete, steel and brick.	Carbonaceous material (coal, coke fine and gravel) with concrete, steel and brick		
	2								
	3								
	4		Fill		M-D	As above, but carbonaceous material (coal, coke fine and gravel) with clay and sand.	Carbonaceous material (coal, coke fine and gravel) with clay and sand		
			Fill		M-D	As above, but Sandy GRAVEL. GW: dense, coarse grained sand, carbonaceous material (coal and gravel).	Carbonaceous material (coal and gravel)		
			Fill		M-D	As above, but loose, fine grained sand, carbonaceous material (coal and coke fine).	Carbonaceous material (coal and coke fine)		
RED_MW07 Terminated at 5 m									

Latitude : -34.37355	Drill Supplier :	Job Number : 25234	Sheet : 1 OF 1
Longitude : 150.90069	Driller Company :	Client :	
Elevation : Not Surveyed	Logged By : Tanner Graham	Project : Corrimal Coke Works - Stage 2 Hydrogeological Assessment	
Total Depth : 3 m	Date : 18/08/2025	Location : 23 Railway St, Corrimal NSW 2518, Australia	

Drilling Method	Depth (m)	Elevation (m)	Soil Origin	Graphic Log	Moisture	Material Description	Comments	Well Diagram	Water
			Alluvial		M	Alluvial. Silty CLAY. CI: medium plasticity, pale brown, organic, moist, with rootlets.	with rootlets		
	1		Alluvial		W	As above, but pale brown, wet.			
	2		Residual		W	Residual. CLAY. CH: very stiff, high plasticity, grey / brown and orange, organic, wet.			
			Residual		W	As above, but grey mottled orange, with ironstone gravels.	with ironstone gravels		
						RED_MW09 Terminated at 3 m			

Latitude : -34.37355	Drill Supplier :	Job Number : 25234	Sheet : 1 OF 1
Longitude : 150.90069	Driller Company :	Client :	
Elevation : Not Surveyed	Logged By : Tanner Graham	Project : Corrimal Coke Works - Stage 2 Hydrogeological Assessment	
Total Depth : 8.5 m	Date : 18/08/2025	Location : 23 Railway St, Corrimal NSW 2518, Australia	

Drilling Method	Depth (m)	Elevation (m)	Soil Origin	Graphic Log	Moisture	Material Description	Comments	Well Diagram	Water
	1		Fill		M	Fill. Sandy CLAY. CL: low plasticity, brown mottled orange, organic, moist, with sandstone, ironstone gravels and asphalt.	with sandstone, ironstone gravels and asphalt		
	2		Residual		M	Residual. Silty CLAY. CL: soft, medium plasticity, pale brown mottled grey, organic, moist.			
	3								
	4		Residual		M	As above, but firm, grey mottled orange.			
	5		Residual		M	As above, but pale brown.			
	6		Residual		M	As above, but reddish brown.			
	7		Residual		W-M	As above, but pale brown, wet to moist.			
	8		Residual		W-M	As above, but dark grey.			
						RED_MW10 Terminated at 8.5 m			

Latitude : -34.37355	Drill Supplier :	Job Number : 25234	Sheet : 1 OF 1
Longitude : 150.90069	Driller Company :	Client :	
Elevation : Not Surveyed	Logged By : Tanner Graham	Project : Corrimal Coke Works - Stage 2 Hydrogeological Assessment	
Total Depth : 7 m	Date : 18/08/2025	Location : 23 Railway St, Corrimal NSW 2518, Australia	

Drilling Method	Depth (m)	Elevation (m)	Soil Origin	Graphic Log	Moisture	Material Description	Comments	Well Diagram	Water
			Fill		M	Fill. Sandy CLAY. CL-Cl: low to medium plasticity, dark brown, organic, moist.			
	1		Residual		M	Residual. Sandy CLAY. CL: firm, low plasticity, orange mottled red, fine grained sand, organic, moist.			
			Residual		M	As above, but reddish orange.			
	2		Residual		M	As above, but red mottled grey, dry, with gravels.	with gravels		
			Residual		D	As above, but grey / white mottled red, with pebbles.	with pebbles		
	3		Residual		D	Residual. Gravelly to Clayey SAND. SC: low plasticity clay, red, coarse grained, coarse sized gravel, dry.			
	4		Residual		D	As above, but grey / red and white.	with sub-angular gravels		
			Residual		D	As above, but red, moist.			
	5		Residual		M	As above, but white.			
			Residual		M	As above, but Clayey reddish grey.			
	6		Residual		W	Residual. Sandy CLAY. CL: stiff, low plasticity, white, medium grained sand, organic, wet.			
						RED_MW11 Terminated at 7 m			



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