

HUNTLEE STAGE 2

WINE COUNTRY DRIVE INTERSECTION UPGRADES

CONCEPT DESIGN - CIVIL ENGINEERING PACKAGE



LOCALITY PLAN

IMAGE SOURCE : NEARMAPS

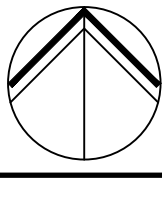
DRAWING LIST

DWG No.	DRAWING TITLE	REVISION
WCD-C01.01	COVER SHEET, DRAWING LIST AND LOCALITY PLAN	A
WCD-C01.11	CIVIL SITE PLAN	A
WCD-C04.01	INTERSECTION A-11 - CIVIL WORKS PLAN - SHEET 1	A
WCD-C04.02	INTERSECTION A-11 - CIVIL WORKS PLAN - SHEET 2	A
WCD-C04.04	INTERSECTION A-11 - CIVIL WORKS PLAN - SHEET 4	A
WCD-C04.11	INTERSECTION A-1 - CIVIL WORKS PLAN	A
WCD-C04.21	INTERSECTION A-3 - CIVIL WORKS PLAN	A
WCD-C04.31	INTERSECTION A-5 - CIVIL WORKS PLAN	A
WCD-C04.41	INTERSECTION A-X - CIVIL WORKS PLAN - SHEET 1	A
WCD-C04.42	INTERSECTION A-X - CIVIL WORKS PLAN - SHEET 2	A
WCD-C04.51	INTERSECTION A-8 - CIVIL WORKS PLAN - SHEET 1	A
WCD-C04.52	INTERSECTION A-8 - CIVIL WORKS PLAN - SHEET 2	A
WCD-C04.53	INTERSECTION A-8 - CIVIL WORKS PLAN - SHEET 3	A
WCD-C09.01	INTERSECTION A-11 - VEHICLE SWEPT PATHS PLAN - SHEET 1	A
WCD-C09.02	INTERSECTION A-11 - VEHICLE SWEPT PATHS PLAN - SHEET 2	A
WCD-C09.11	INTERSECTION A-1 - VEHICLE SWEPT PATHS PLAN - SHEET 1	A
WCD-C09.12	INTERSECTION A-1 - VEHICLE SWEPT PATHS PLAN - SHEET 2	A
WCD-C09.13	INTERSECTION A-1 - VEHICLE SWEPT PATHS PLAN - SHEET 3	A
WCD-C09.21	INTERSECTION A-3 - VEHICLE SWEPT PATHS PLAN	A
WCD-C09.31	INTERSECTION A-5 - VEHICLE SWEPT PATHS PLAN - SHEET 1	A
WCD-C09.32	INTERSECTION A-5 - VEHICLE SWEPT PATHS PLAN - SHEET 2	A
WCD-C09.41	INTERSECTION A-X - VEHICLE SWEPT PATHS PLAN	A
WCD-C09.51	INTERSECTION A-8 - VEHICLE SWEPT PATHS PLAN - SHEET 1	A
WCD-C09.52	INTERSECTION A-8 - VEHICLE SWEPT PATHS PLAN - SHEET 2	A
WCD-C09.53	INTERSECTION A-8 - VEHICLE SWEPT PATHS PLAN - SHEET 3	A

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DRAWN: C.W. HEALON
DESIGNED: T. SOUIRES
JOB MANAGER: B. BALCOMBE
VERIFIER:

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	LWP bringing communities to life
B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	



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SCALE 1:8000@A1

0 80 160 240 320 400m

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ABN 81 094 433 100

PROJECT	DRAWING TITLE	JOB NUMBER
HUNTLEE STAGE 2 DA AREA	CONCEPT CIVIL ENGINEERING PACKAGE	NL220566
WINE COUNTRY DRIVE INTERSECTION CONCEPTS	COVER SHEET, DRAWING LIST AND LOCALITY PLAN	DRAWING NUMBER WCD-C01.01
		REVISION B
		DRAWING SHEET SIZE = A1

DRAWN: C.W. HEALON
DESIGNED: T. SQUIRES
JOB MANAGER: B. BALCOMBE
VERIFIER:

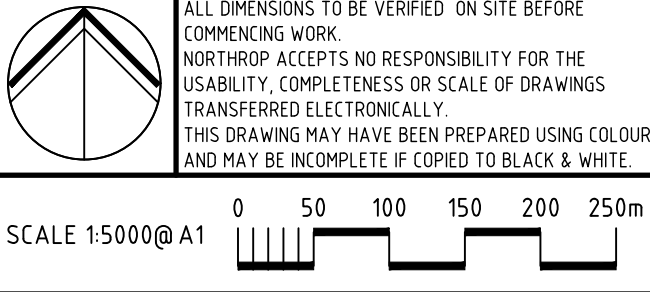


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A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	LWP bringing communities to life
B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	

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PROJECT
HUNTLEE STAGE 2 DA AREA
WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE
CONCEPT CIVIL
ENGINEERING PACKAGE
CIVIL SITE PLAN

JOB NUMBER NL220566	REVISION B
DRAWING NUMBER WCD-C01.11	
DRAWING SHEET SIZE = A1	

DRAWN: C.W-HEALON DESIGNED: T.SQUIRES JOB MANAGER: B.BALCOMBE VERIFIER:



LEGEND	
	PROPOSED BOUNDARY LINE
	EXISTING BOUNDARY LINE
eXX	EXISTING KERB 'TYPE AS BELOW'
SM	RMS KERB - TYPE SM
SA	RMS KERB - TYPE SA
SB	RMS KERB - TYPE SB
SM	RMS KERB - TYPE SM
KR	KERB RAMP
	FLEXIBLE ROAD PAVEMENT
	CONCRETE FOOTPATH PAVEMENT
	GREEN COLOURED SURFACE PAVEMENT TREATMENT FOR ON-ROAD BICYCLE LANES IN ACCORDANCE WITH SPECIFICATION R110.
	LIMIT OF WORKS
	PROPOSED KERB
	EXISTING KERB
	E1 - LEFT HAND EDGE LINE
	E4 - OUTLINE OF RAISED MEDIAN
	E5 - OUTLINE OF PAINTED MEDIAN
	C1 - CONTINUITY LINE
	L1 - LANE LINE ON MULTI-LANE ROAD
	L4 - EXIT LANE ON MULTI-LANE ROUNDOABOUT
	L7 - BICYCLE LANE ADJACENT TO TRAFFIC
	TB - GIVE WAY LINE

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	
B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	



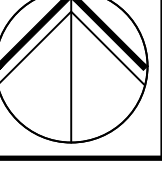
LWP
bringing communities to life

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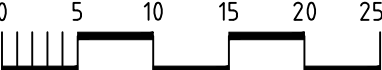
Huntlee

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PROJECT

HUNTLEE STAGE 2 DA AREA

WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE

CONCEPT CIVIL
ENGINEERING PACKAGE

INTERSECTION A-11 - CIVIL WORKS
PLAN - SHEET 1

JOB NUMBER

NL220566

DRAWING NUMBER

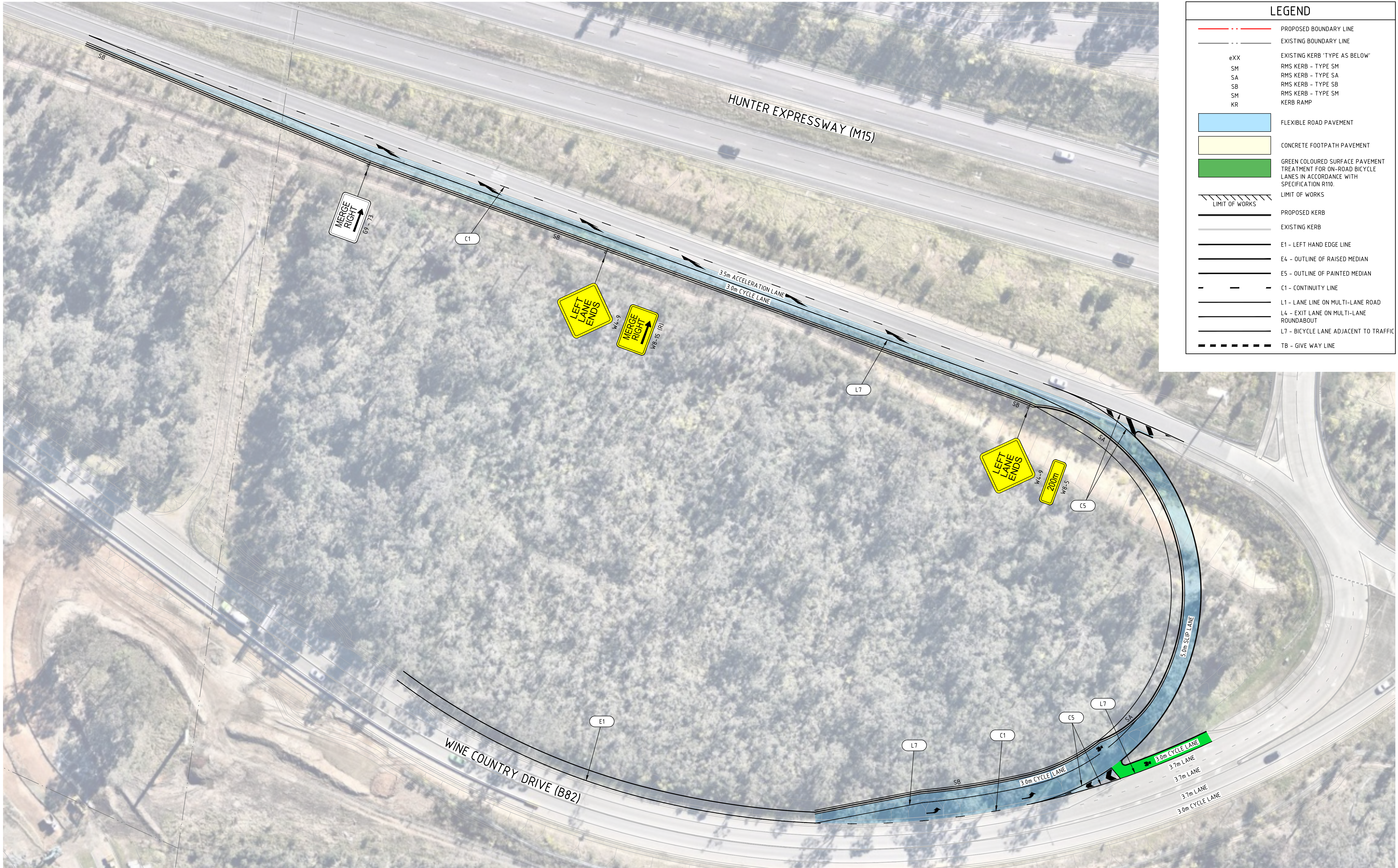
WCD-C04.01

REVISION

B

DRAWING SHEET SIZE = A1

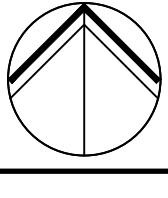
DRAWN: C.W. HEALON DESIGNED: T. SQUIRES JOB MANAGER: B. BALCOMBE VERIFIER:



LEGEND	
	PROPOSED BOUNDARY LINE
	EXISTING BOUNDARY LINE
eXX	EXISTING KERB 'TYPE AS BELOW'
SM	RMS KERB - TYPE SM
SA	RMS KERB - TYPE SA
SB	RMS KERB - TYPE SB
SM	RMS KERB - TYPE SM
KR	KERB RAMP
	FLEXIBLE ROAD PAVEMENT
	CONCRETE FOOTPATH PAVEMENT
	GREEN COLOURED SURFACE PAVEMENT TREATMENT FOR ON-ROAD BICYCLE LANES IN ACCORDANCE WITH SPECIFICATION R110.
	LIMIT OF WORKS
	PROPOSED KERB
	EXISTING KERB
	E1 - LEFT HAND EDGE LINE
	E4 - OUTLINE OF RAISED MEDIAN
	E5 - OUTLINE OF PAINTED MEDIAN
	C1 - CONTINUITY LINE
	L1 - LANE LINE ON MULTI-LANE ROAD
	L4 - EXIT LANE ON MULTI-LANE ROUNDABOUT
	L7 - BICYCLE LANE ADJACENT TO TRAFFIC
	TB - GIVE WAY LINE

NOT FOR CONSTRUCTION

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A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	
B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	



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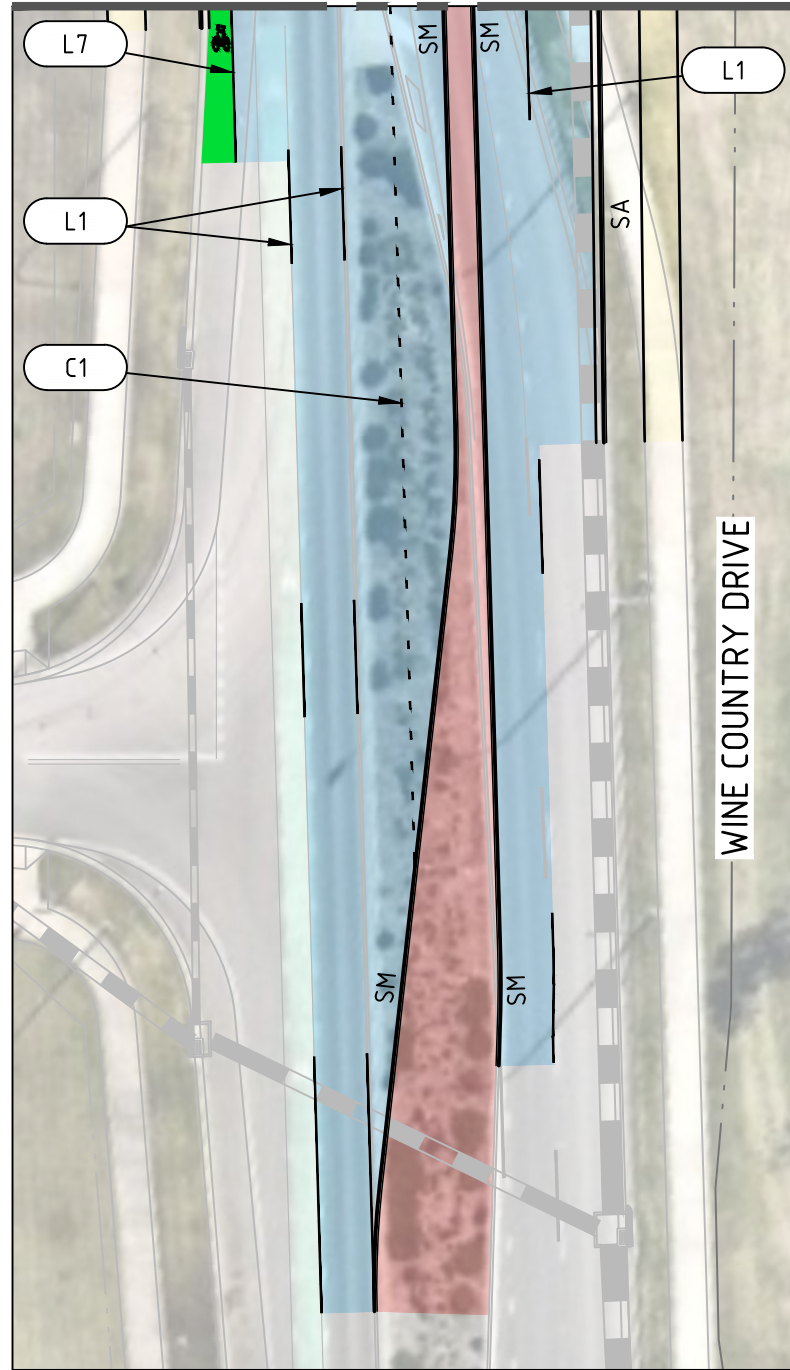


PROJECT
HUNTLEE STAGE 2 DA AREA
WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

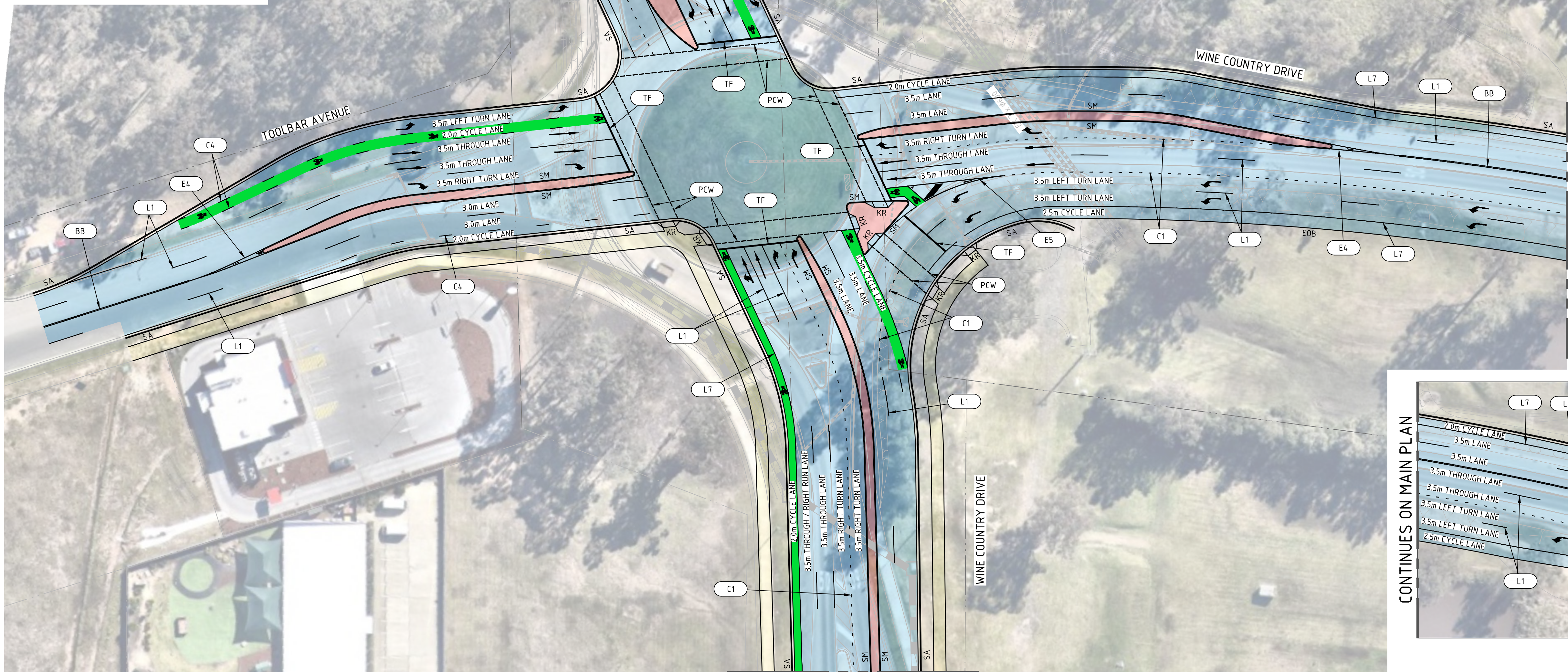
DRAWING TITLE
CONCEPT CIVIL
ENGINEERING PACKAGE
INTERSECTION A-11 - CIVIL WORKS
PLAN - SHEET 2

JOB NUMBER NL220566	
DRAWING NUMBER WCD-C04.02	REVISION B
DRAWING SHEET SIZE = A1	

CONTINUES ON MAIN PLAN



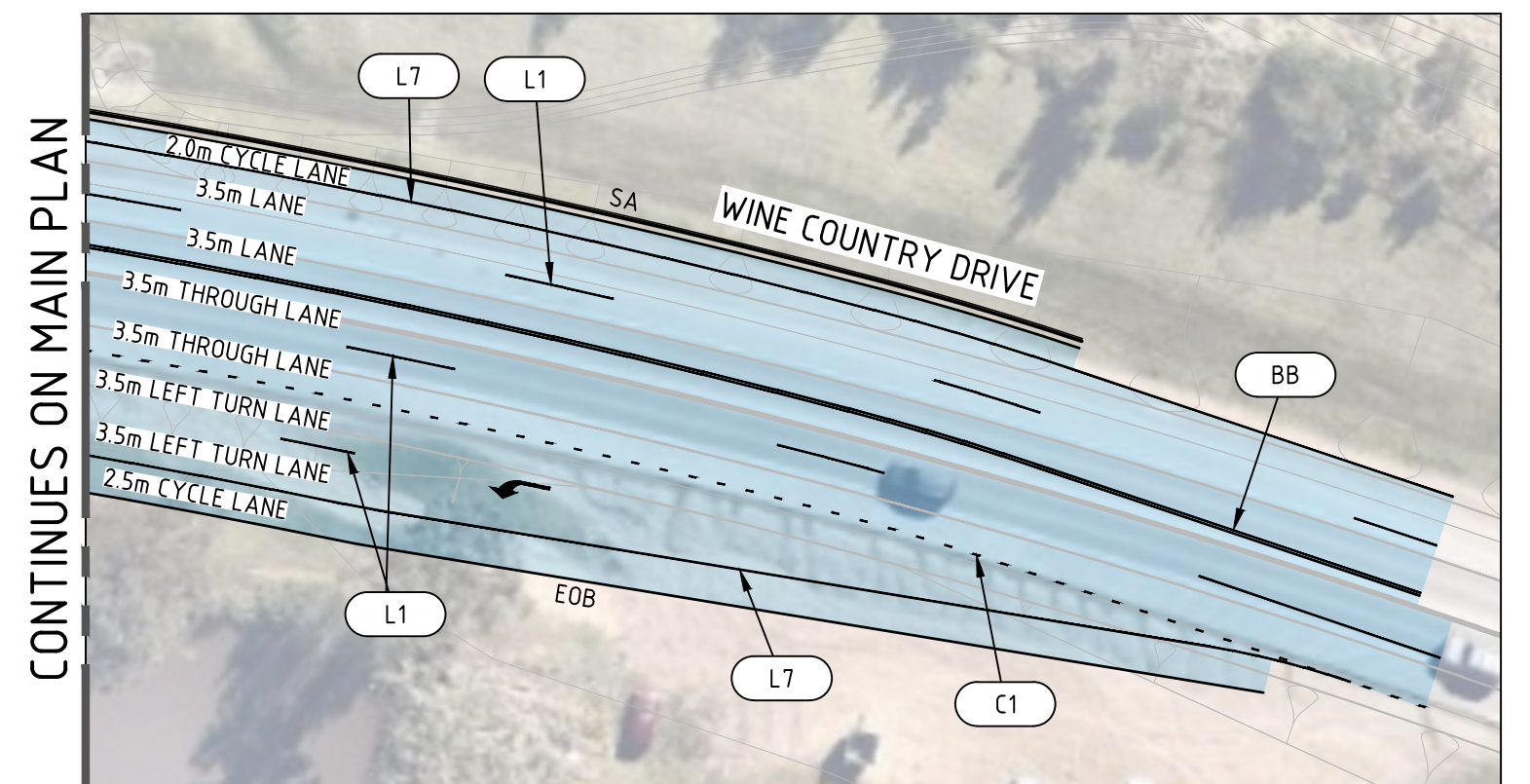
INSET 'A'
SCALE 1:500



CONTINUES INSET 'A'

LEGEND

---	PROPOSED BOUNDARY LINE
---	EXISTING BOUNDARY LINE
eXX	EXISTING KERB 'TYPE AS BELOW'
SM	RMS KERB - TYPE SM
SA	RMS KERB - TYPE SA
KR	KERB RAMP
	FLEXIBLE ROAD PAVEMENT
	CONCRETE MEDIAN PAVEMENT
	CONCRETE FOOTPATH PAVEMENT
	GREEN COLOURED SURFACE PAVEMENT TREATMENT FOR ON-ROAD BICYCLE LANES IN ACCORDANCE WITH SPECIFICATION R110.
	LIMIT OF WORKS
	PROPOSED KERB
	EXISTING KERB
- - -	C1 - CONTINUITY LINE
- - -	C4 - BICYCLE LANE CONTINUITY LINE
- - -	E4 - OUTLINE OF RAISED MEDIAN
- - -	E5 - OUTLINE OF PAINTED MEDIAN
- - -	L1 - LANE LINE ON MULTI-LANE ROAD
- - -	L7 - BICYCLE LANE EDGE LINE
- - -	T1 - TURN LINE
- - -	TF - STOP LINE
- - -	PCW - PEDESTRIAN CROSS WALK



INSET 'B'
SCALE 1:500

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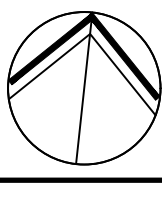
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A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	
B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	



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PROJECT	HUNTLEE STAGE 2 DA AREA	DRAWING TITLE	CONCEPT CIVIL ENGINEERING PACKAGE	JOB NUMBER	NL220566
	WINE COUNTRY DRIVE INTERSECTION CONCEPTS		INTERSECTION A-1 - CIVIL WORKS PLAN	DRAWING NUMBER	WCD-C04.11
				REVISION	B
					DRAWING SHEET SIZE = A1

DRAWN: C.W.-HEALON DESIGNED: T.SQUIRES JOB MANAGER: B.BALCOMBE VERIFIER:



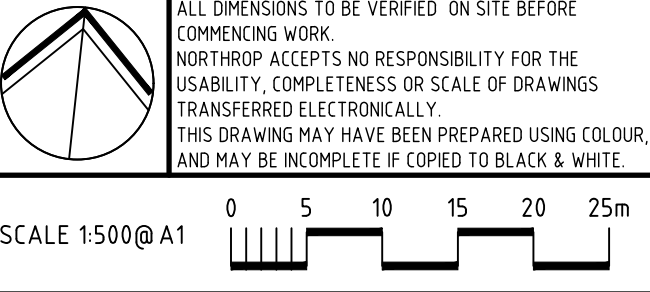
LEGEND	
---	PROPOSED BOUNDARY LINE
---	EXISTING BOUNDARY LINE
eXX	EXISTING KERB "TYPE AS BELOW"
SM	RMS KERB - TYPE SM
SA	RMS KERB - TYPE SA
SB	RMS KERB - TYPE SB
KR	KERB RAMP
	FLEXIBLE ROAD PAVEMENT
	CONCRETE MEDIAN PAVEMENT
	CONCRETE FOOTPATH PAVEMENT
	LIMIT OF WORKS
	PROPOSED KERB
	EXISTING KERB
	C1 - CONTINUITY LINE
	T1 - TURN LINE
	TF - STOP LINE

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	
B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	

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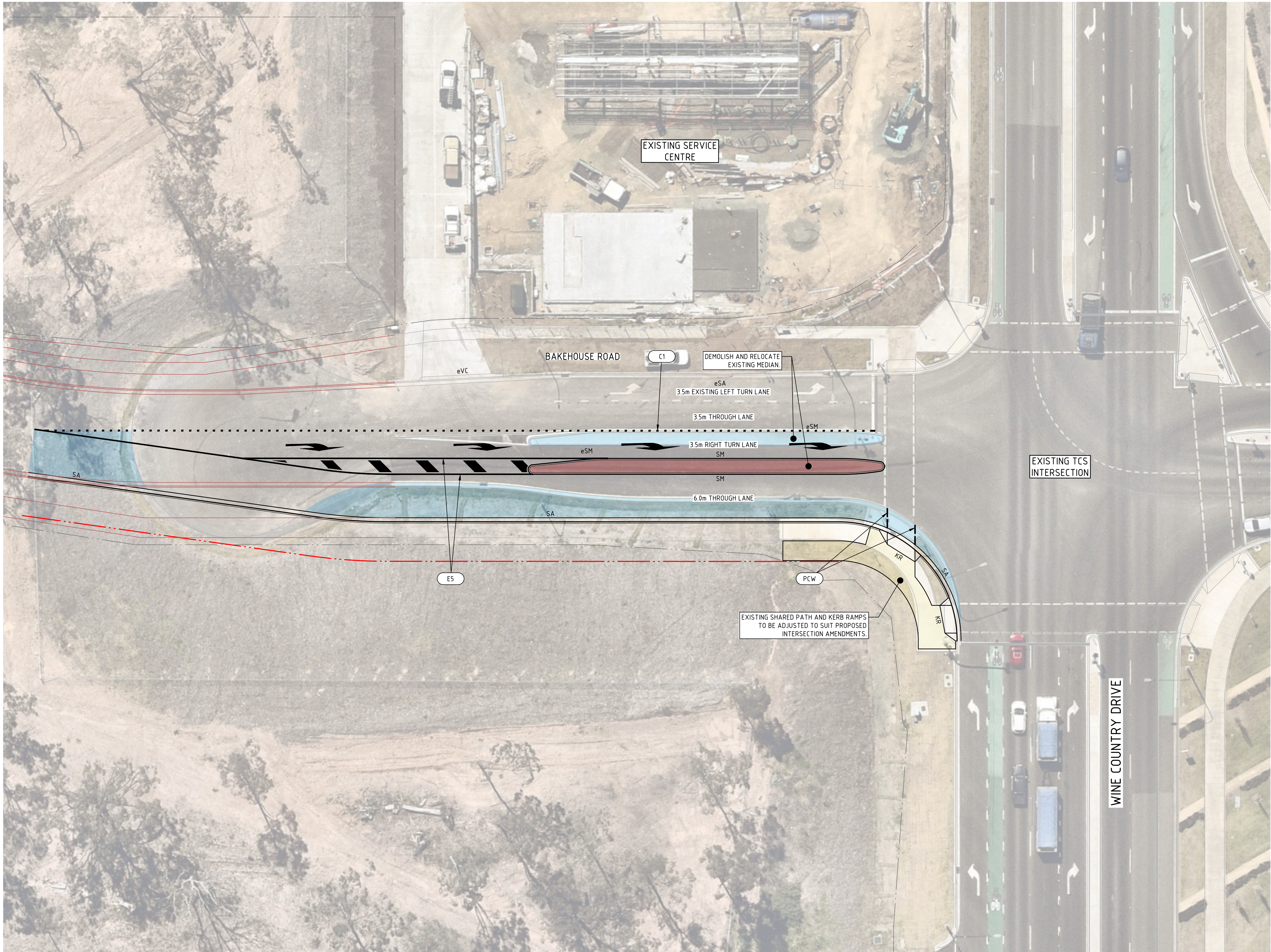
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PROJECT
HUNTLEE STAGE 2 DA AREA
WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE
CONCEPT CIVIL
ENGINEERING PACKAGE
INTERSECTION A-3 - CIVIL WORKS
PLAN

JOB NUMBER NL220566	
DRAWING NUMBER WCD-C04.21	REVISION B
DRAWING SHEET SIZE = A1	

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LEGEND	
---	PROPOSED BOUNDARY LINE
---	EXISTING BOUNDARY LINE
eXX	EXISTING KERB 'TYPE AS BELOW'
SM	RMS KERB - TYPE SM
SA	RMS KERB - TYPE SA
KR	KERB RAMP
	FLEXIBLE ROAD PAVEMENT
	CONCRETE MEDIAN PAVEMENT
	CONCRETE FOOTPATH PAVEMENT
	LIMIT OF WORKS
	PROPOSED KERB
	EXISTING KERB
	FUTURE KERB
	E5 - OUTLINE OF PAINTED MEDIAN
	C1 - CONTINUITY LINE
	PCW - PEDESTRIAN CROSS WALK

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	ISSUED FOR INFORMATION	CWH		TS	27/10/23
B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23



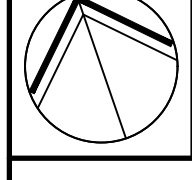
LWP
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0 2.5 5 7.5 10 12.5m



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PROJECT

HUNTLEE STAGE 2 DA AREA

**WINE COUNTRY DRIVE
INTERSECTION CONCEPTS**

DRAWING TITLE

**CONCEPT CIVIL
ENGINEERING PACKAGE**

**INTERSECTION A-5 - CIVIL WORKS
PLAN**

JOB NUMBER

NL220566

DRAWING NUMBER

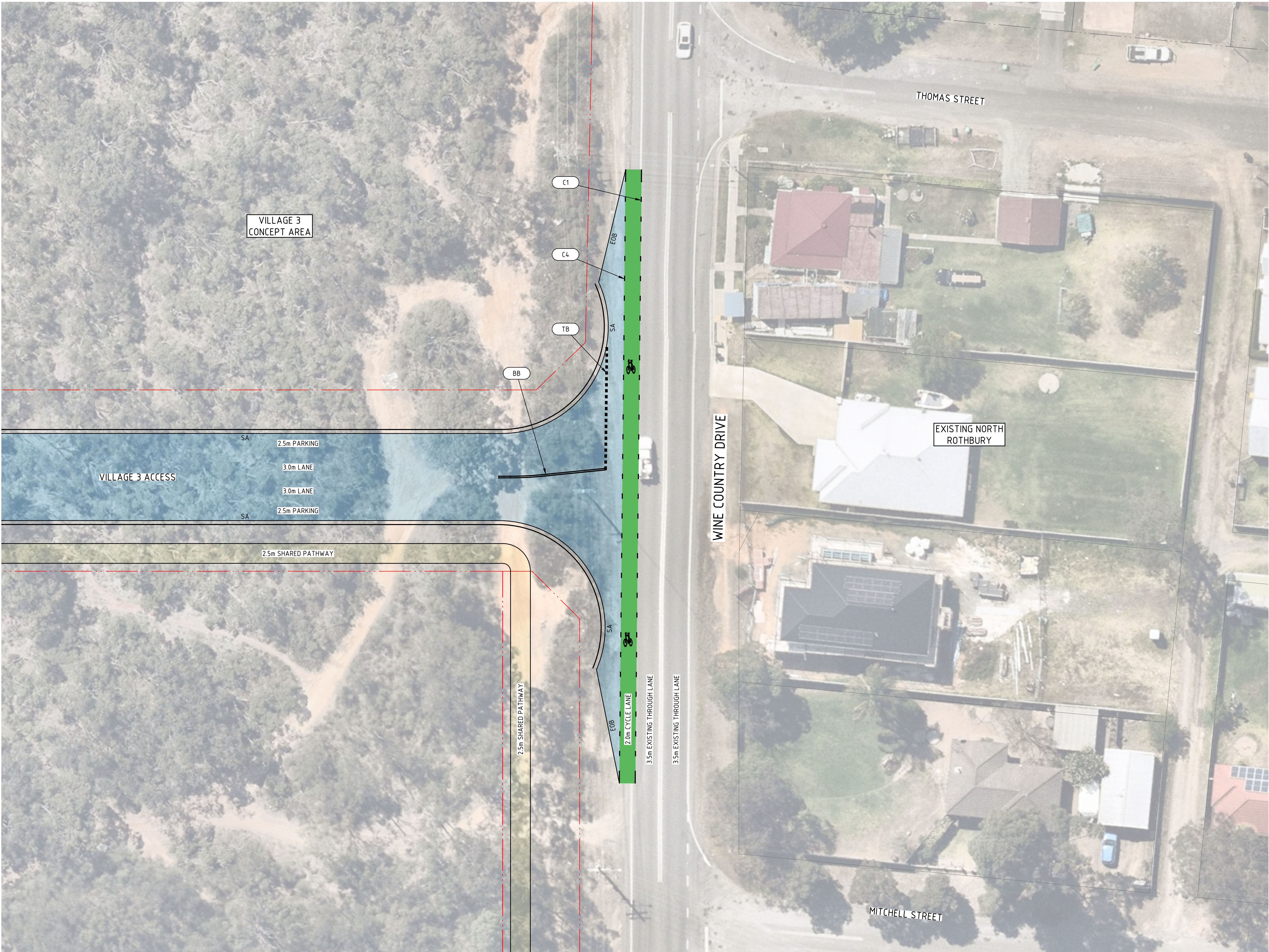
WCD-C04.31

REVISION

B

DRAWING SHEET SIZE = A1

DRAWN: C.W-HEALON DESIGNED: T.SQUIRES JOB MANAGER: B.BALCOMBE VERIFIER:



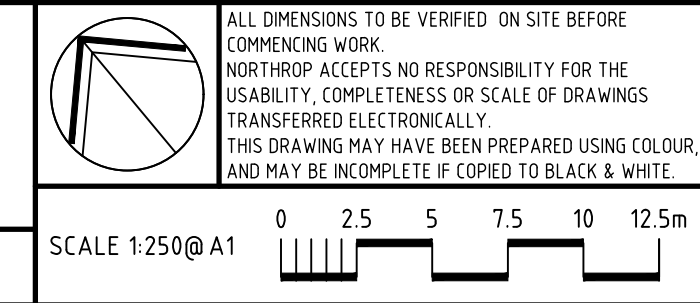
LEGEND	
---	PROPOSED BOUNDARY LINE
---	EXISTING BOUNDARY LINE
eXX	EXISTING KERB 'TYPE AS BELOW'
SA	RMS KERB - TYPE SA
EOB	EDGE OF BITUMEN
	FLEXIBLE ROAD PAVEMENT
	CONCRETE MEDIAN PAVEMENT
	CONCRETE FOOTPATH PAVEMENT
	GREEN COLOURED SURFACE PAVEMENT TREATMENT FOR ON-ROAD BICYCLE LANES IN ACCORDANCE WITH SPECIFICATION R110.
	LIMIT OF WORKS
	PROPOSED KERB
	EXISTING KERB
	BB - BARRIER LINES
	C1 - CONTINUITY LINE
	C4 - BICYCLE LANE CONTINUITY LINE

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A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	LWP bringing communities to life
B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	

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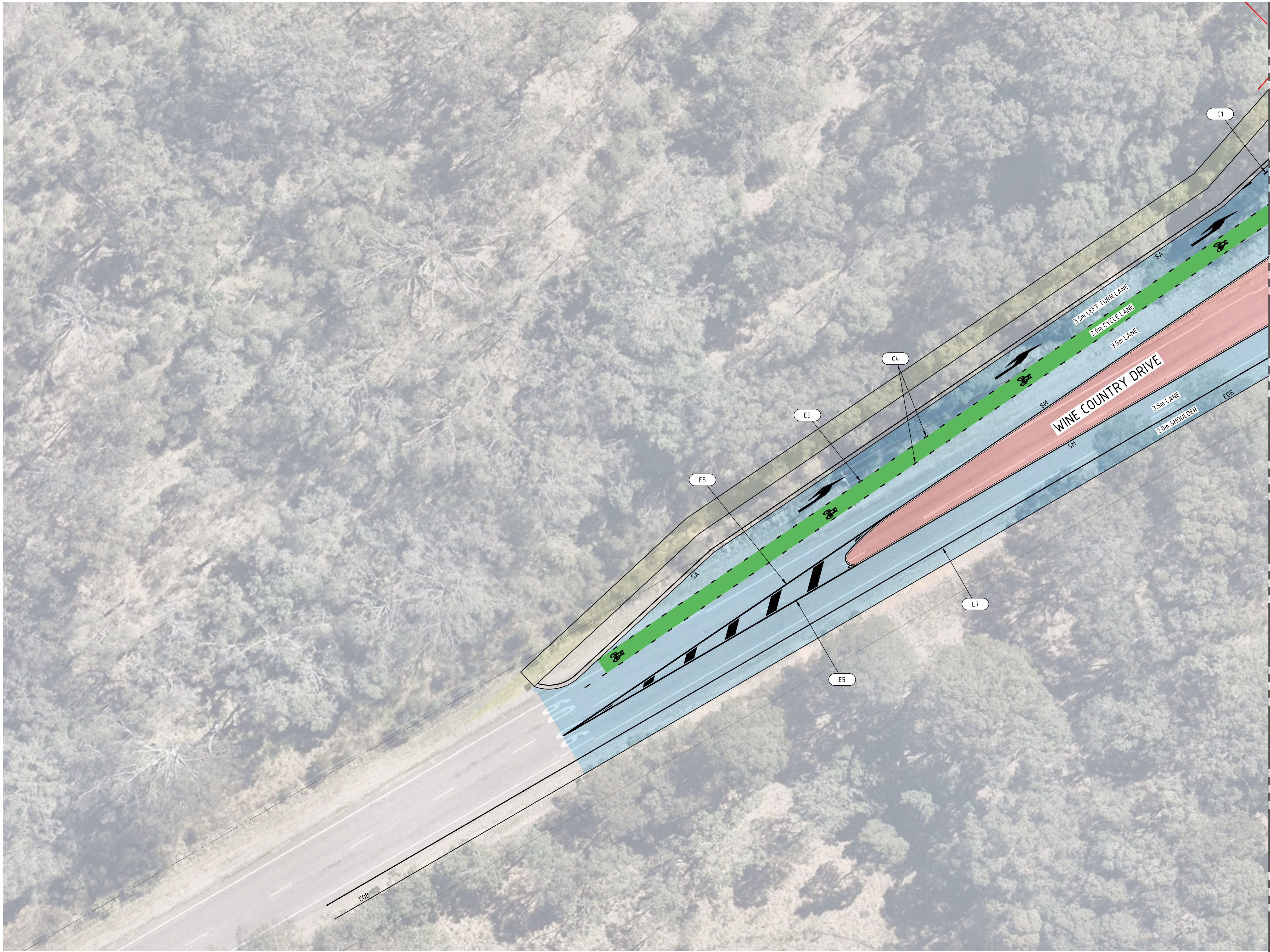
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PROJECT
HUNTLEE STAGE 2 DA AREA
WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE
CONCEPT CIVIL
ENGINEERING PACKAGE
INTERSECTION A-X - CIVIL WORKS
PLAN - SHEET 1

JOB NUMBER NL220566	
DRAWING NUMBER WCD-C04.41	REVISION B
DRAWING SHEET SIZE = A1	

DRAWN: C.W. HEALON
DESIGNED: T. SQUIRES
JOB MANAGER: B.BALCOMBE
VERIFIER:



CONTINUES ON SHEET 2

LEGEND	
	PROPOSED BOUNDARY LINE
	EXISTING BOUNDARY LINE
eXX	EXISTING KERB 'TYPE AS BELOW'
SM	RMS KERB - TYPE SM
SA	RMS KERB - TYPE SA
SB	RMS KERB - TYPE SB
KR	KERB RAMP
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	CONCRETE MEDIAN PAVEMENT
	CONCRETE FOOTPATH PAVEMENT
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	LIMIT OF WORKS
	PROPOSED KERB
	EXISTING KERB
	E5 - OUTLINE OF PAINTED MEDIAN
	C1 - CONTINUITY LINE
	C4 - BICYCLE LANE CONTINUITY LINE
	L1 - LANE LINE ON MULTI-LANE ROAD
	L7 - BICYCLE LANE EDGE LINE
	T1 - TURN LINE
	TF - STOP LINE
	PCW - PEDESTRIAN CROSS WALK

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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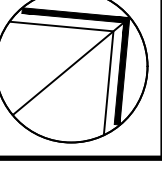
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PROJECT

HUNTLEE STAGE 2 DA AREA

WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE

CONCEPT CIVIL
ENGINEERING PACKAGE

INTERSECTION A-8 - CIVIL WORKS
PLAN - SHEET 1

JOB NUMBER

NL220566

DRAWING NUMBER

WCD-C04.51

REVISION

B

DRAWING SHEET SIZE ± A1

CONTINUES ON SHEET 2

DRAWN: C.W. HEALON
DESIGNED: T. SQUIRES
JOB MANAGER: B. BALCOMBE
VERIFIER:



LEGEND	
	PROPOSED BOUNDARY LINE
	EXISTING BOUNDARY LINE
eXX	EXISTING KERB 'TYPE AS BELOW'
SM	RMS KERB - TYPE SM
SA	RMS KERB - TYPE SA
SB	RMS KERB - TYPE SB
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	E5 - OUTLINE OF PAINTED MEDIAN
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	C4 - BICYCLE LANE CONTINUITY LINE
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	L7 - BICYCLE LANE EDGE LINE
	T1 - TURN LINE
	TF - STOP LINE
	PCW - PEDESTRIAN CROSS WALK

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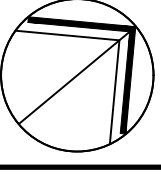


bringing communities to life

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SCALE 1:250@A1





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ABN 81 094 433 100

PROJECT

HUNTLEE STAGE 2 DA AREA

**WINE COUNTRY DRIVE
INTERSECTION CONCEPTS**

DRAWING TITLE

**CONCEPT CIVIL
ENGINEERING PACKAGE**

**INTERSECTION A-8 - CIVIL WORKS
PLAN - SHEET 3**

JOB NUMBER

NL220566

DRAWING NUMBER

WCD-C04.53

REVISION

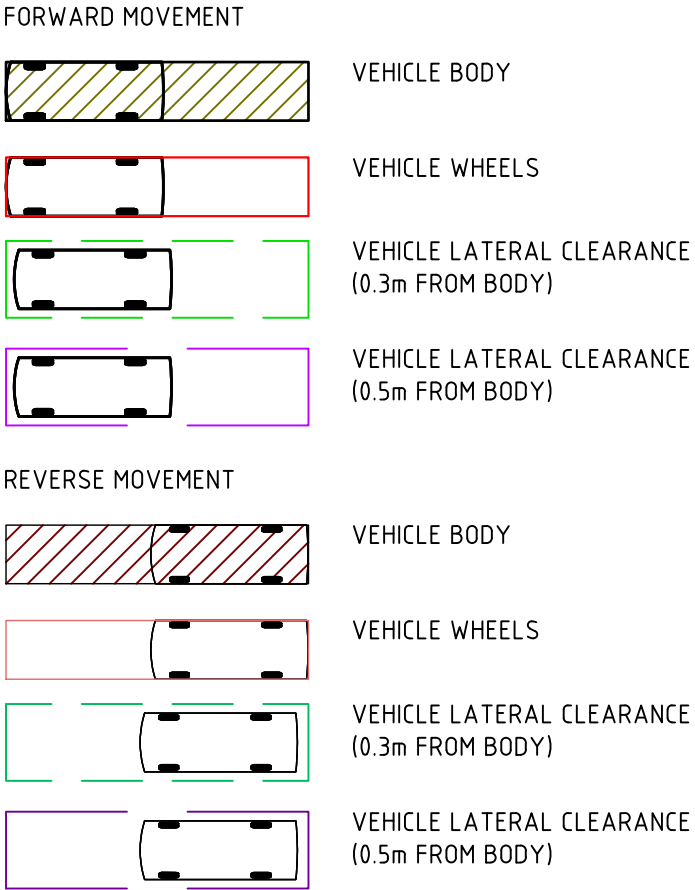
B

DRAWING SHEET SIZE = A1

DRAWN: C.W. HEALON DESIGNED: T. SQUIRES JOB MANAGER: B.B. BALCOMBE VERIFIER:



VEHICLE MOVEMENTS



DISCLAIMER

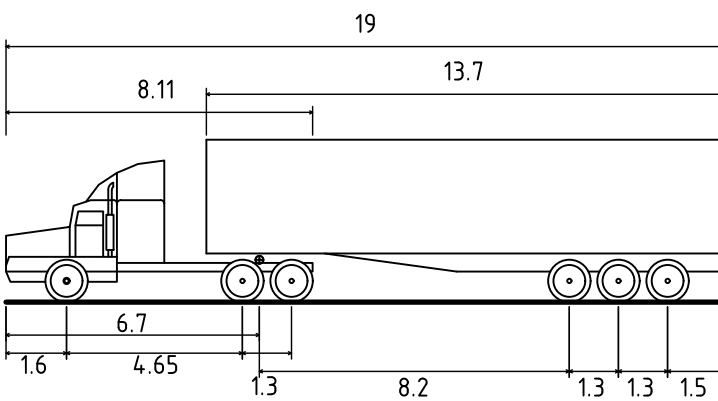
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IT IS NORTHROP'S INTENTION TO UTILISE STANDARD VEHICLES NOMINATED IN **AS2890.1** AND **AS2890.2** FOR ALL DESIGN/CHECKING VEHICLE SIMULATIONS AT AN IDEAL MOVEMENT SPEED OF 10km/h WITH A NOMINAL VEHICLE BODY OFFSET OF 500mm. WHERE MANOEUVRABILITY IS LIMITED AND SITE CONDITIONS ARE FAVOURABLE, AN ABSOLUTE MINIMUM SPEED OF 5km/h WITH AN ABSOLUTE MINIMUM VEHICLE BODY CLEARANCE OF 300mm MAY BE ADOPTED.

IF THE USE OF SPECIFIC VEHICLES (NOT DETAILED UNDER **AS2890**) IS REQUESTED, IT IS TO BE NOTED THAT THEIR DIMENSIONS AND MANOEUVRING CHARACTERISTICS HAVE BEEN INTERPRETED INTO THE SIMULATION SOFTWARE FROM INFORMATION PROVIDED BY SERVICE PROVIDERS AND VEHICLE MANUFACTURERS. NORTHROP ACCEPTS NO RESPONSIBILITY OF THE ACCURACY THESE VEHICLE MOVEMENTS, AND ANY MANOEUVRES PROVIDED SHOULD ONLY BE USED AS A GUIDE WITH ACTUAL DESIGN BEING BASED AROUND ENGINEERING ADVICE AND AUSTRALIAN STANDARDS.

AT ALL TIMES, STANDARD VEHICLE TURNING PATHS/TEMPLATES ARE TO TAKE DESIGN PRECEDENCE OVER ALL SPECIFIC VEHICLES. UNDER NO CIRCUMSTANCE DOES THE SIMULATION PROVIDED RELIEVE ANY PARTY OF THEIR ROLE AND RESPONSIBILITY FOR PROVIDING DESIGN SOLUTIONS IN ACCORDANCE WITH GOOD DESIGN PRACTICES.

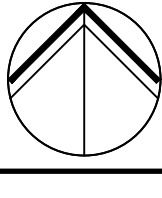
VEHICLE PROFILE



PRIME MOVER AND SEMI TRAILER (19m)	
OVERALL LENGTH	19.000m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m
TRAVELLING SPEED	15 km/h

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	LWP bringing communities to life
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SCALE 1:500@A1

0 5 10 15 20 25m

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PROJECT
HUNTLEE STAGE 2 DA AREA
WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE
CONCEPT CIVIL
ENGINEERING PACKAGE
INTERSECTION A-11 - VEHICLE
SWEEP PATHS PLAN - SHEET 1

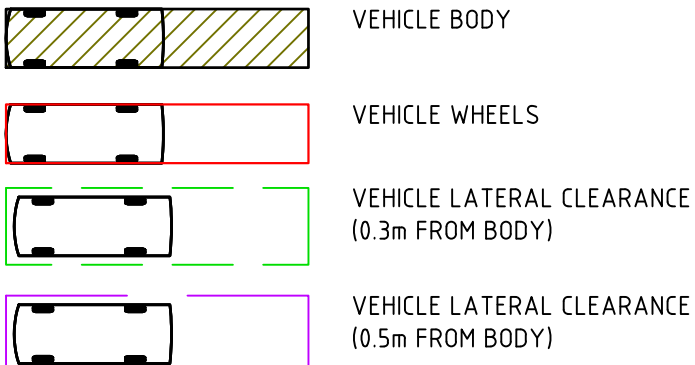
JOB NUMBER NL220566	
DRAWING NUMBER WCD-C09.01	REVISION B
DRAWING SHEET SIZE = A1	

DRAWN: C.W. HEALON DESIGNED: T.SQUIRES JOB MANAGER: B.BALCOMBE VERIFIER:

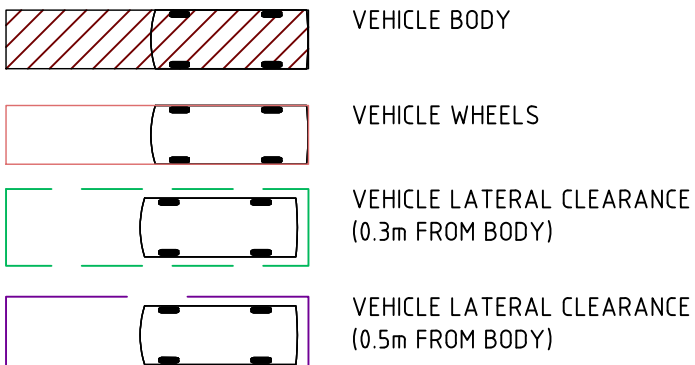


VEHICLE MOVEMENTS

FORWARD MOVEMENT



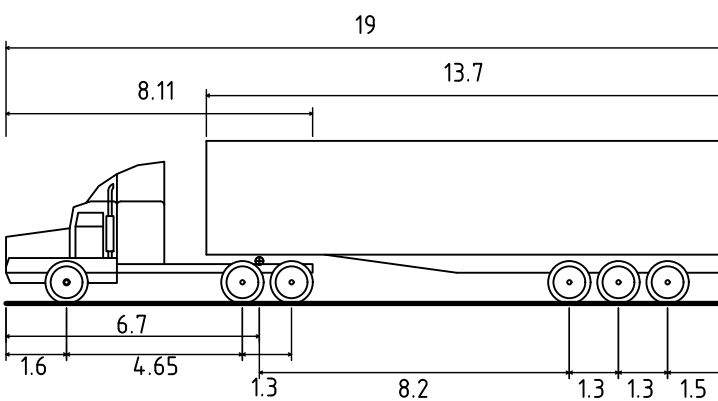
REVERSE MOVEMENT



DISCLAIMER

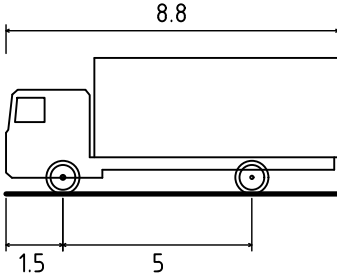
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VEHICLE PROFILE



PRIME MOVER AND SEMI TRAILER (19m)	
OVERALL LENGTH	19.000m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m
TRAVELLING SPEED	15 km/h

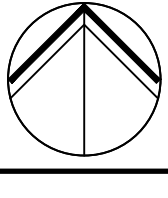
VEHICLE PROFILE



SERVICE VEHICLE (8.8 m)	
OVERALL LENGTH	8.800m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	12.500m
TRAVELLING SPEED	15 km/h

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
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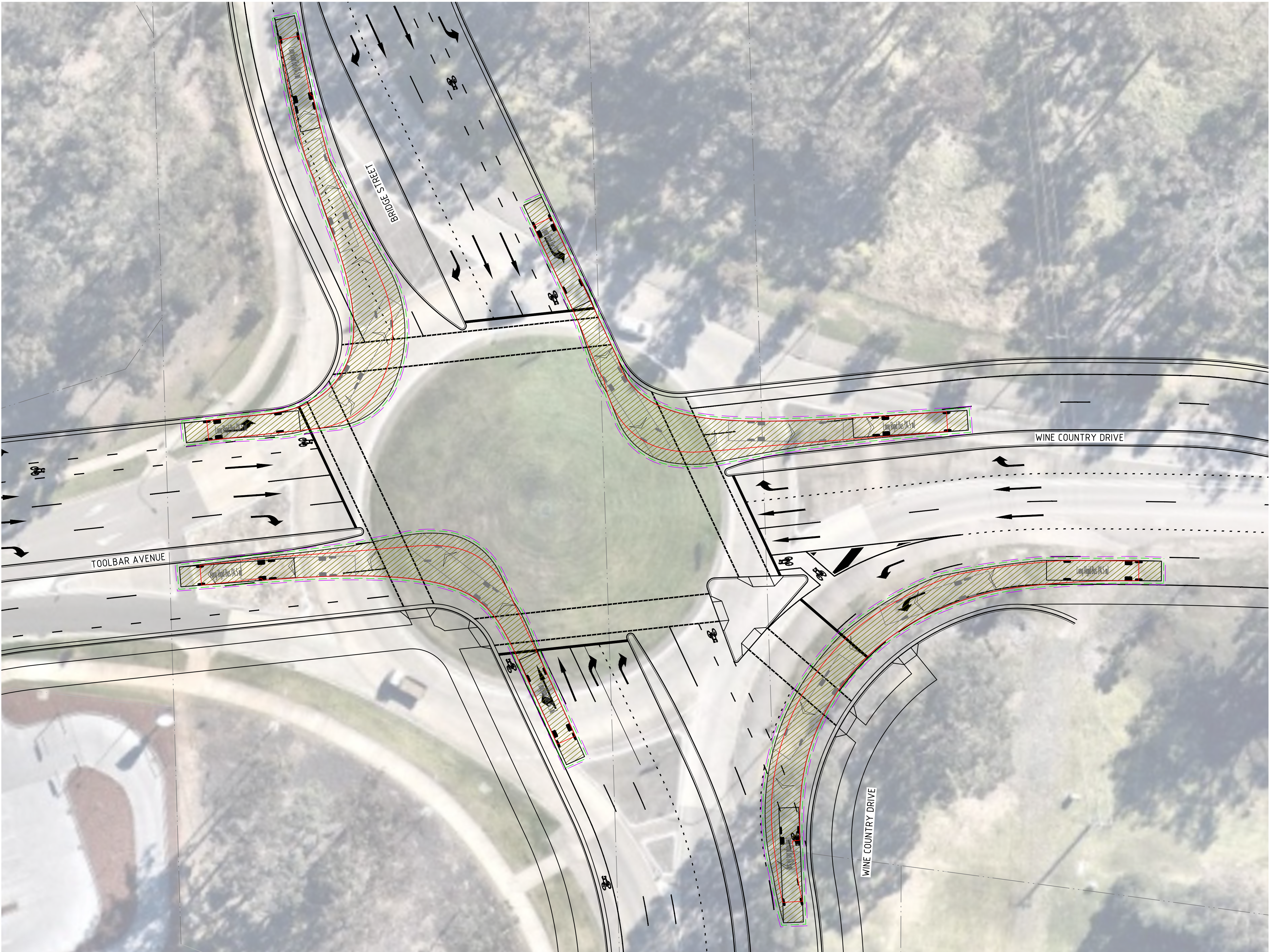
NORTHROP
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ABN 81 094 433 100

PROJECT
HUNTLEE STAGE 2 DA AREA
WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE
CONCEPT CIVIL
ENGINEERING PACKAGE
INTERSECTION A-11 - VEHICLE
SWEPT PATHS PLAN - SHEET 2

JOB NUMBER	
NL220566	
DRAWING NUMBER	REVISION
WCD-C09.02	B
DRAWING SHEET SIZE = A1	

DRAWN: C.W. HEALON DESIGNED: T. SOUIRES JOB MANAGER: B. BALCOMBE VERIFIER:



VEHICLE MOVEMENTS

FORWARD MOVEMENT

VEHICLE BODY

VEHICLE WHEELS

VEHICLE LATERAL CLEARANCE
(0.3m FROM BODY)

REVERSE MOVEMENT

DISCLAIMER

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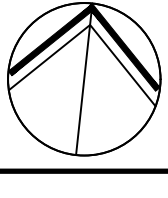
VEHICLE PROFILE

LONG RIGID BUS (14.5 m)

OVERALL LENGTH	14.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.102m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	15.000m
TRAVELLING SPEED	15 km/h

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	LWP bringing communities to life
B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	



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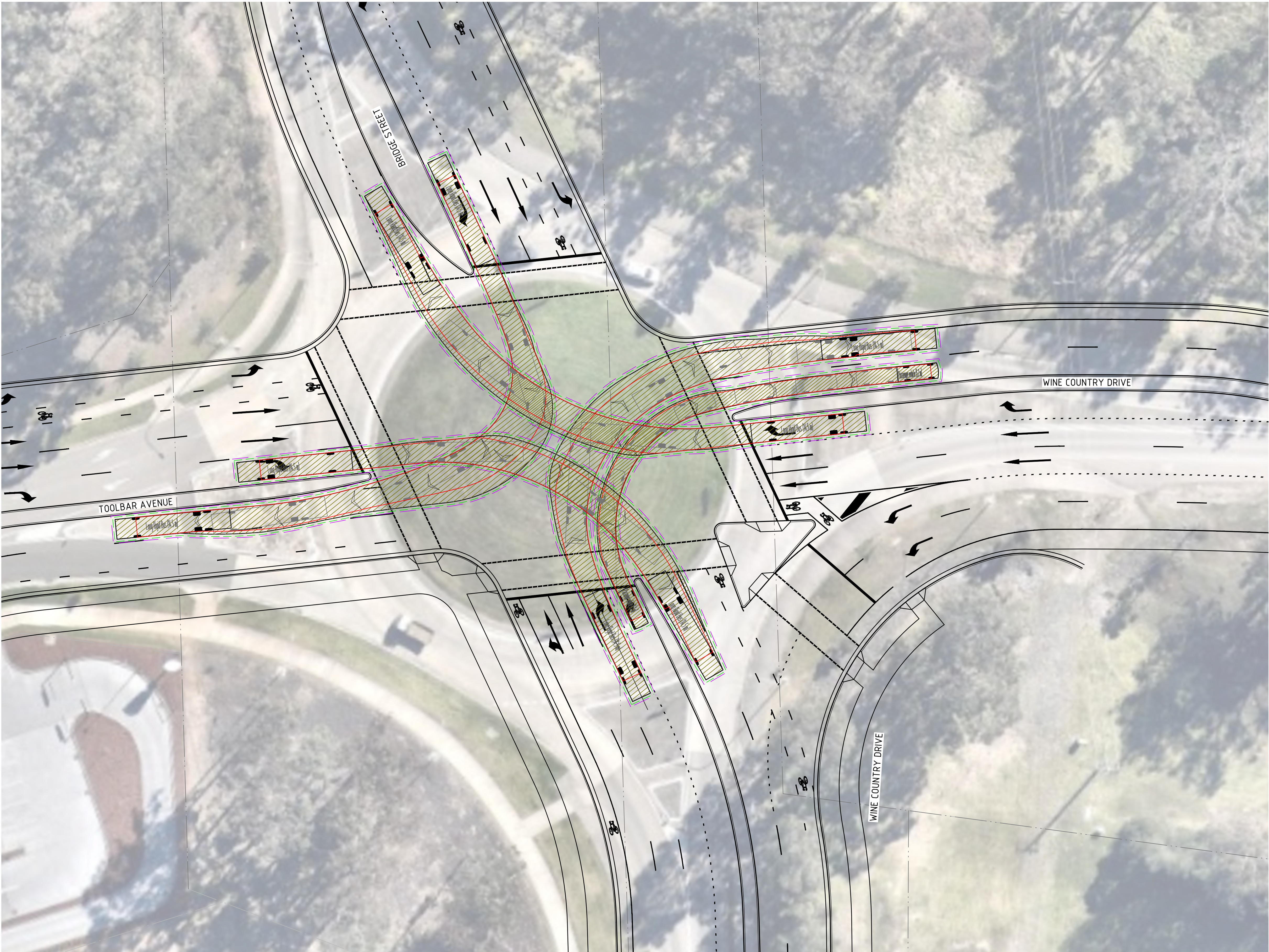
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PROJECT	HUNTLEE STAGE 2 DA AREA	DRAWING TITLE	CONCEPT CIVIL ENGINEERING PACKAGE	JOB NUMBER	NL220566
	WINE COUNTRY DRIVE INTERSECTION CONCEPTS		INTERSECTION A-1 - VEHICLE SWEEP PATHS PLAN - SHEET 1	DRAWING NUMBER	WCD-C09.11
				REVISION	B
					DRAWING SHEET SIZE = A1

DRAWN: C.W. HEALON DESIGNED: T. SQUIRES JOB MANAGER: B. BALCOMBE VERIFIER:



VEHICLE MOVEMENTS

FORWARD MOVEMENT

VEHICLE BODY

VEHICLE WHEELS

VEHICLE LATERAL CLEARANCE
(0.3m FROM BODY)

REVERSE MOVEMENT

VEHICLE BODY

DISCLAIMER

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VEHICLE PROFILE

LONG RIGID BUS (14.5 m)

OVERALL LENGTH	14.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.102m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	15.000m
TRAVELLING SPEED	15 km/h

VEHICLE PROFILE

PASSENGER VEHICLE (5.2 m)

OVERALL LENGTH	5.200m
OVERALL WIDTH	1.940m
OVERALL BODY HEIGHT	1.804m
TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	6.300m
TRAVELLING SPEED	15 km/h

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	LWP bringing communities to life
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PROJECT

HUNTLEE STAGE 2 DA AREA

WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE

CONCEPT CIVIL
ENGINEERING PACKAGE

INTERSECTION A-1 - VEHICLE SWEEP
PATHS PLAN - SHEET 2

JOB NUMBER

NL220566

DRAWING NUMBER

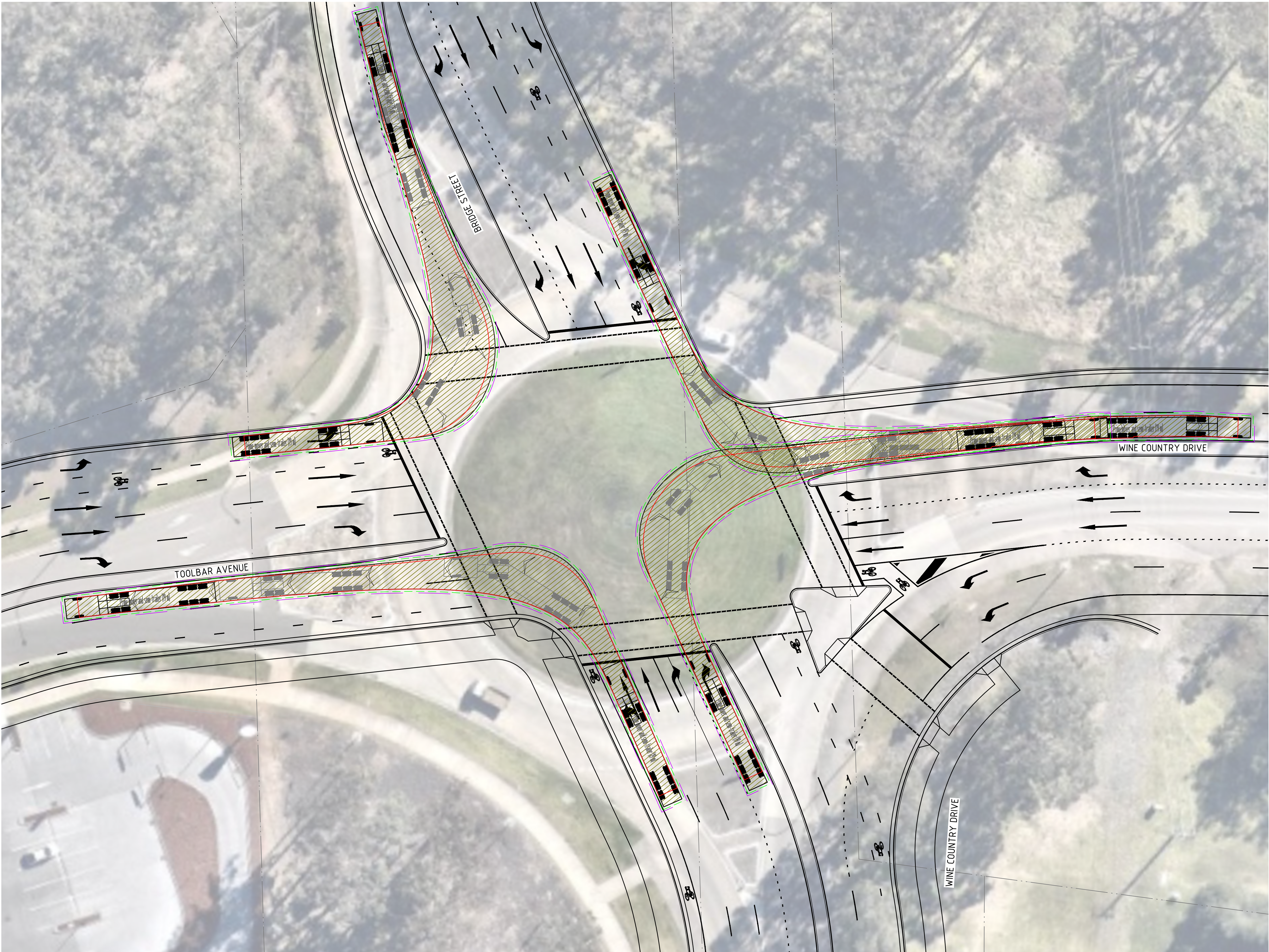
WCD-C09.12

REVISION

B

DRAWING SHEET SIZE ± A1

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VEHICLE MOVEMENTS

FORWARD MOVEMENT

VEHICLE BODY

VEHICLE WHEELS

VEHICLE LATERAL CLEARANCE
(0.3m FROM BODY)

REVERSE MOVEMENT

VEHICLE BODY

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VEHICLE PROFILE

PRIME MOVER AND SEMI TRAILER (19m)

OVERALL LENGTH	19.000m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m
TRAVELLING SPEED	15 km/h

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	LWP bringing communities to life
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PROJECT

HUNTLEE STAGE 2 DA AREA

WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE

CONCEPT CIVIL
ENGINEERING PACKAGE

INTERSECTION A-1 - VEHICLE SWEEP
PATHS PLAN - SHEET 3

JOB NUMBER

NL220566

DRAWING NUMBER

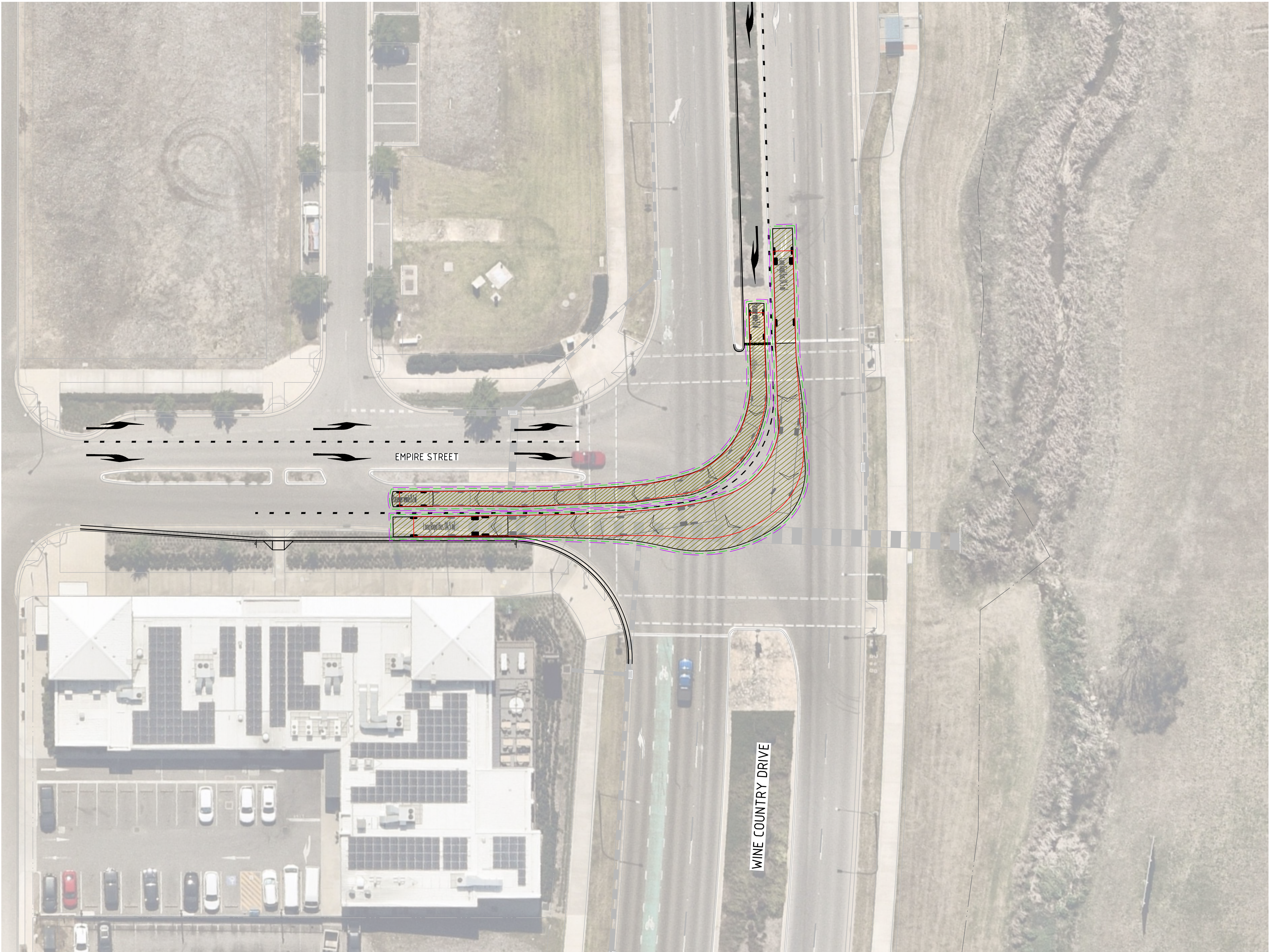
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B

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VEHICLE MOVEMENTS

FORWARD MOVEMENT



VEHICLE BODY



VEHICLE WHEELS



VEHICLE LATERAL CLEARANCE
(0.3m FROM BODY)

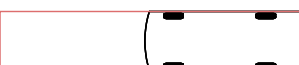


VEHICLE LATERAL CLEARANCE
(0.5m FROM BODY)

REVERSE MOVEMENT



VEHICLE BODY



VEHICLE WHEELS



VEHICLE LATERAL CLEARANCE
(0.3m FROM BODY)

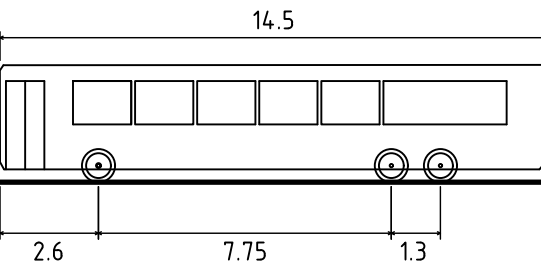


VEHICLE LATERAL CLEARANCE
(0.5m FROM BODY)

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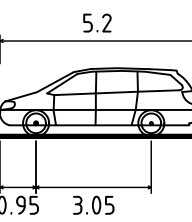
VEHICLE PROFILE



LONG RIGID BUS (14.5 m)

OVERALL LENGTH	14.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.102m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	15.000m
TRAVELLING SPEED	15 km/h

VEHICLE PROFILE



PASSENGER VEHICLE (5.2 m)

OVERALL LENGTH	5.200m
OVERALL WIDTH	1.940m
OVERALL BODY HEIGHT	1.804m
TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	6.300m
TRAVELLING SPEED	15 km/h

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B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	

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PROJECT

HUNTLEE STAGE 2 DA AREA
WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE

CONCEPT CIVIL
ENGINEERING PACKAGE
INTERSECTION A-3 - VEHICLE SWEEP
PATHS PLAN

JOB NUMBER

NL220566

DRAWING NUMBER

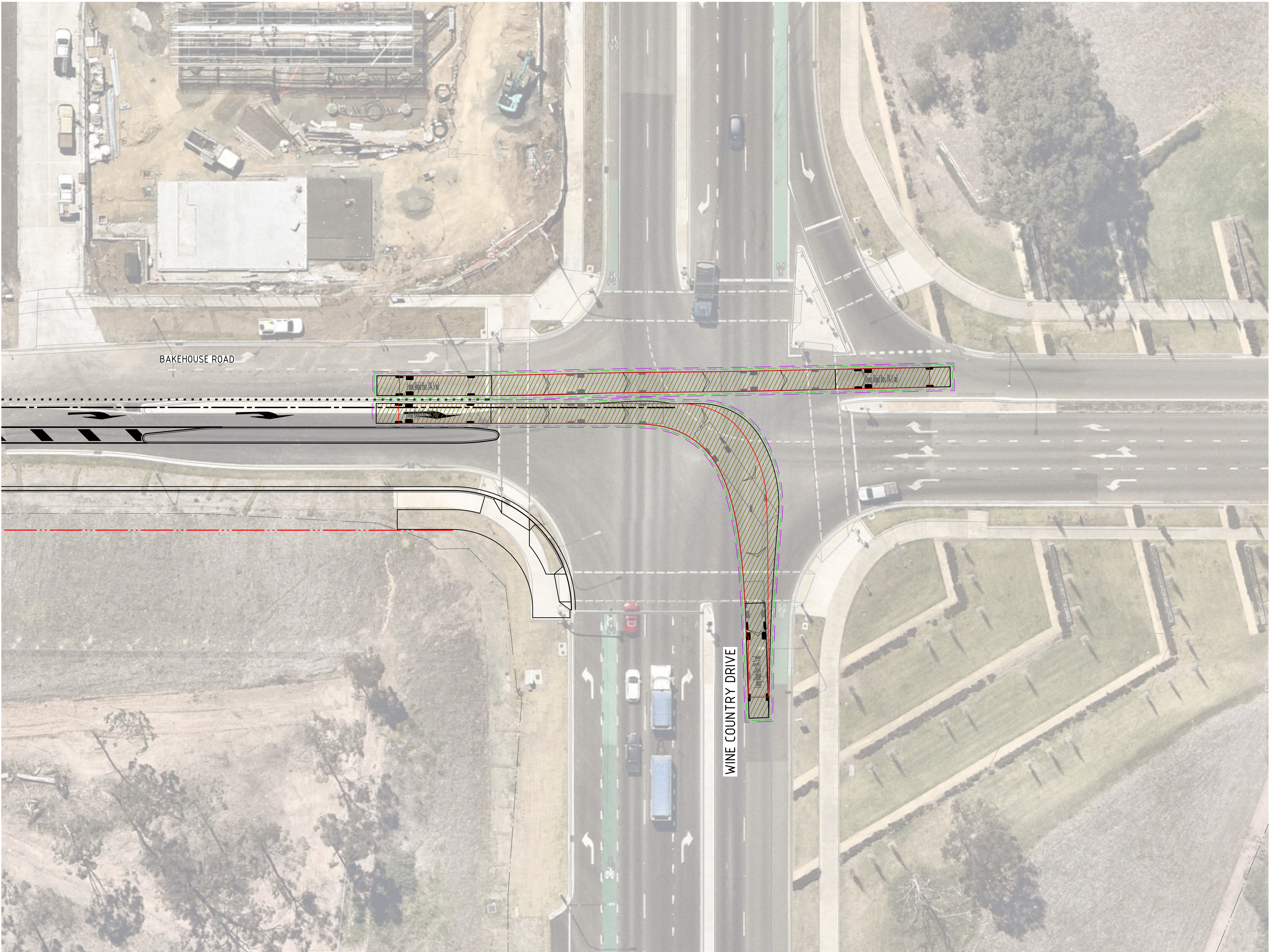
WCD-C09.21

REVISION

B

DRAWING SHEET SIZE ± A1

DRAWN: C.W. HEALON DESIGNED: T. SQUIRES JOB MANAGER: B. BALCOMBE VERIFIER:



VEHICLE MOVEMENTS

FORWARD MOVEMENT

- VEHICLE BODY
- VEHICLE WHEELS
- VEHICLE LATERAL CLEARANCE (0.3m FROM BODY)
- VEHICLE LATERAL CLEARANCE (0.5m FROM BODY)

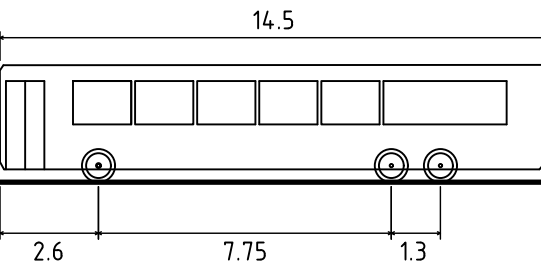
REVERSE MOVEMENT

- VEHICLE BODY
- VEHICLE WHEELS
- VEHICLE LATERAL CLEARANCE (0.3m FROM BODY)
- VEHICLE LATERAL CLEARANCE (0.5m FROM BODY)

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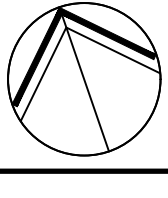
VEHICLE PROFILE



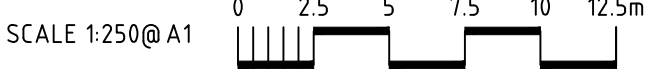
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OVERALL LENGTH	14.500m
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LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	15.000m
TRAVELLING SPEED	15 km/h

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A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	
B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	



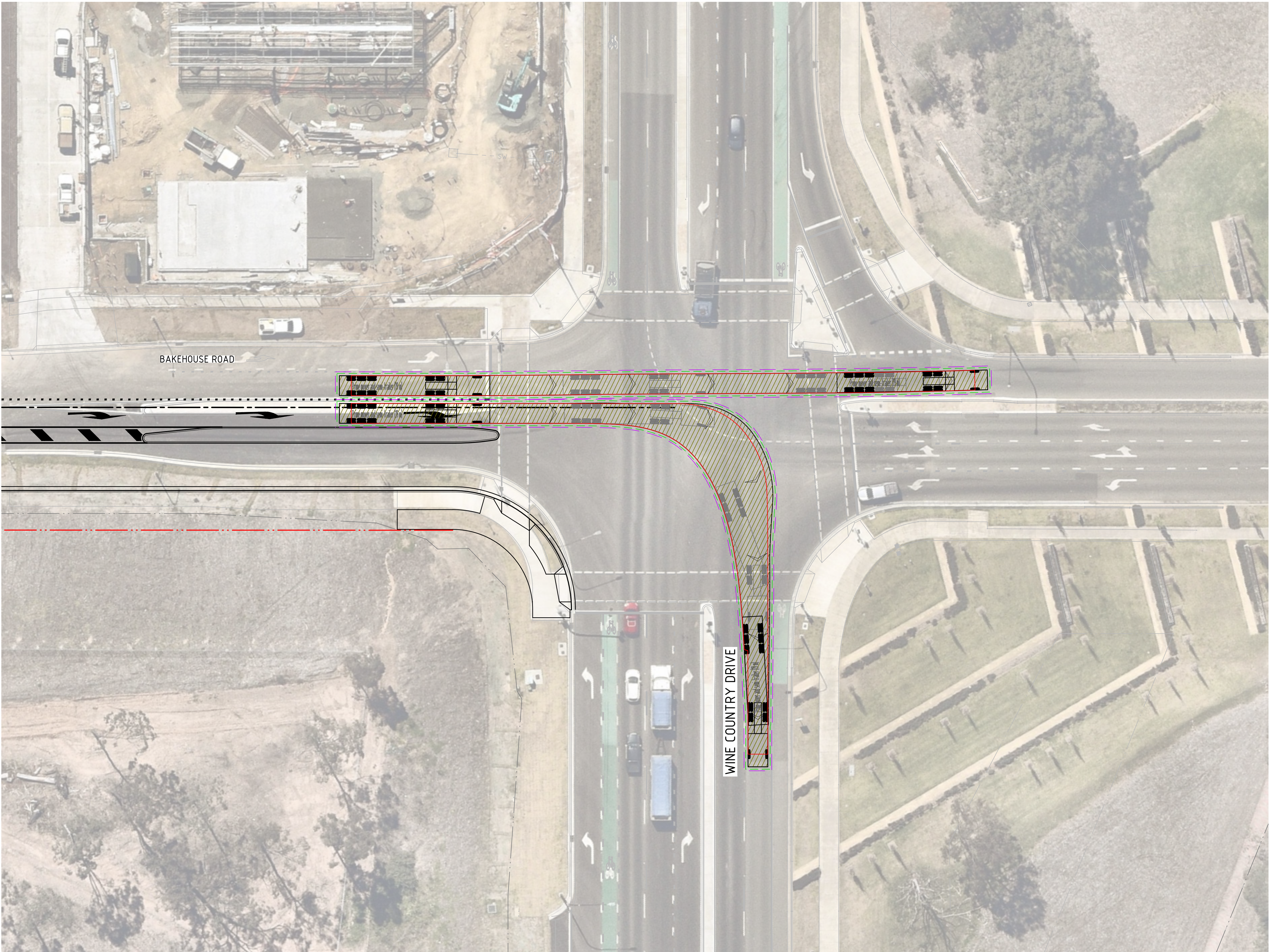
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ABN 81 094 433 100

PROJECT HUNTLEE STAGE 2 DA AREA WINE COUNTRY DRIVE INTERSECTION CONCEPTS	DRAWING TITLE CONCEPT CIVIL ENGINEERING PACKAGE INTERSECTION A-5 - VEHICLE SWEPT PATHS PLAN - SHEET 1	JOB NUMBER NL220566	
		DRAWING NUMBER WCD-C09.31	REVISION B
		DRAWING SHEET SIZE = A1	

DRAWN: C.W. HEALON DESIGNED: T. SQUIRES JOB MANAGER: B. BALCOMBE VERIFIER:



VEHICLE MOVEMENTS

FORWARD MOVEMENT

- VEHICLE BODY
- VEHICLE WHEELS
- VEHICLE LATERAL CLEARANCE (0.3m FROM BODY)
- VEHICLE LATERAL CLEARANCE (0.5m FROM BODY)

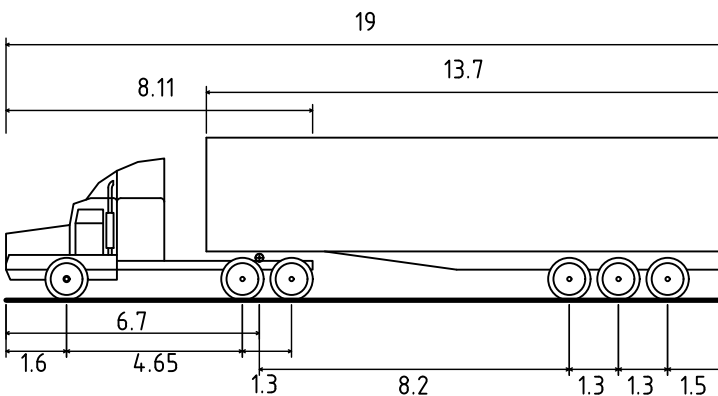
REVERSE MOVEMENT

- VEHICLE BODY
- VEHICLE WHEELS
- VEHICLE LATERAL CLEARANCE (0.3m FROM BODY)
- VEHICLE LATERAL CLEARANCE (0.5m FROM BODY)

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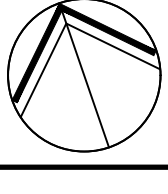
VEHICLE PROFILE



PRIME MOVER AND SEMI TRAILER (19m)	
OVERALL LENGTH	19.000m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m
TRAVELLING SPEED	15 km/h

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR INFORMATION	CWH		TS	27/10/23	LWP bringing communities to life
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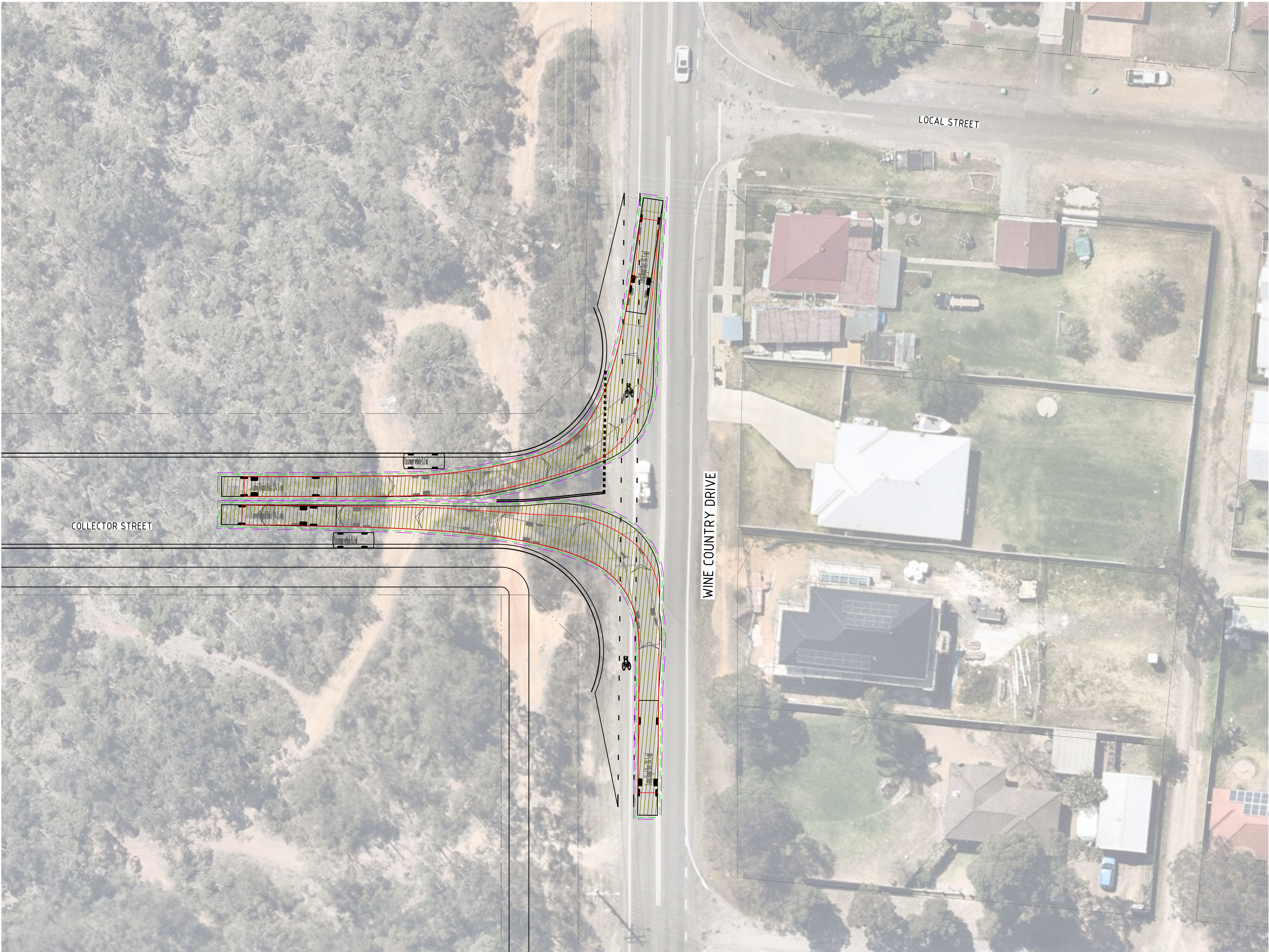
PROJECT
HUNTLEE STAGE 2 DA AREA
WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

DRAWING TITLE
CONCEPT CIVIL
ENGINEERING PACKAGE
INTERSECTION A-5 - VEHICLE SWEEP
PATHS PLAN - SHEET 2

JOB NUMBER	
NL220566	
DRAWING NUMBER	REVISION
WCD-C09.32	B
DRAWING SHEET SIZE = A1	

DRAWING SHEET SIZE ± A1

DRAWN: C.W. HEALON DESIGNED: T. SQUIRES JOB MANAGER: B.B. BALCOMBE VERIFIER:



VEHICLE MOVEMENTS

FORWARD MOVEMENT

VEHICLE BODY

VEHICLE WHEELS

VEHICLE LATERAL CLEARANCE
(0.3m FROM BODY)

VEHICLE LATERAL CLEARANCE
(0.5m FROM BODY)

REVERSE MOVEMENT

VEHICLE BODY

VEHICLE WHEELS

VEHICLE LATERAL CLEARANCE
(0.3m FROM BODY)

VEHICLE LATERAL CLEARANCE
(0.5m FROM BODY)

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VEHICLE PROFILE

PASSENGER VEHICLE (5.2 m)

OVERALL LENGTH	5.200m
OVERALL WIDTH	1.940m
OVERALL BODY HEIGHT	1.804m
TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	6.300m
TRAVELLING SPEED	15 km/h

VEHICLE PROFILE

LONG RIGID BUS (14.5 m)

OVERALL LENGTH	14.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.102m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	15.000m
TRAVELLING SPEED	15 km/h

NOT FOR CONSTRUCTION

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B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	

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PROJECT

HUNTLEE STAGE 2 DA AREA

**WINE COUNTRY DRIVE
INTERSECTION CONCEPTS**

DRAWING TITLE

**CONCEPT CIVIL
ENGINEERING PACKAGE**

**INTERSECTION A-X - VEHICLE
SWEEP PATHS PLAN - SHEET 1**

JOB NUMBER

NL220566

DRAWING NUMBER

WCD-C09.41

REVISION

B

DRAWING SHEET SIZE ± A1

DRAWN: C.W. HEALON DESIGNED: T. SQUIRES JOB MANAGER: B.B. BALCOMBE VERIFIER:



VEHICLE MOVEMENTS

FORWARD MOVEMENT

VEHICLE BODY

VEHICLE WHEELS

VEHICLE LATERAL CLEARANCE
(0.3m FROM BODY)

VEHICLE LATERAL CLEARANCE
(0.5m FROM BODY)

REVERSE MOVEMENT

VEHICLE BODY

VEHICLE WHEELS

VEHICLE LATERAL CLEARANCE
(0.3m FROM BODY)

VEHICLE LATERAL CLEARANCE
(0.5m FROM BODY)

DISCLAIMER

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VEHICLE PROFILE

PASSENGER VEHICLE (5.2 m)

OVERALL LENGTH	5.200m
OVERALL WIDTH	1.940m
OVERALL BODY HEIGHT	1.804m
TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	6.300m
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VEHICLE PROFILE

PRIME MOVER AND SEMI TRAILER (19m)

OVERALL LENGTH	19.000m
OVERALL WIDTH	2.500m
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TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m
TRAVELLING SPEED	15 km/h

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PROJECT
HUNTLEE STAGE 2 DA AREA

WINE COUNTRY DRIVE
INTERSECTION CONCEPTS

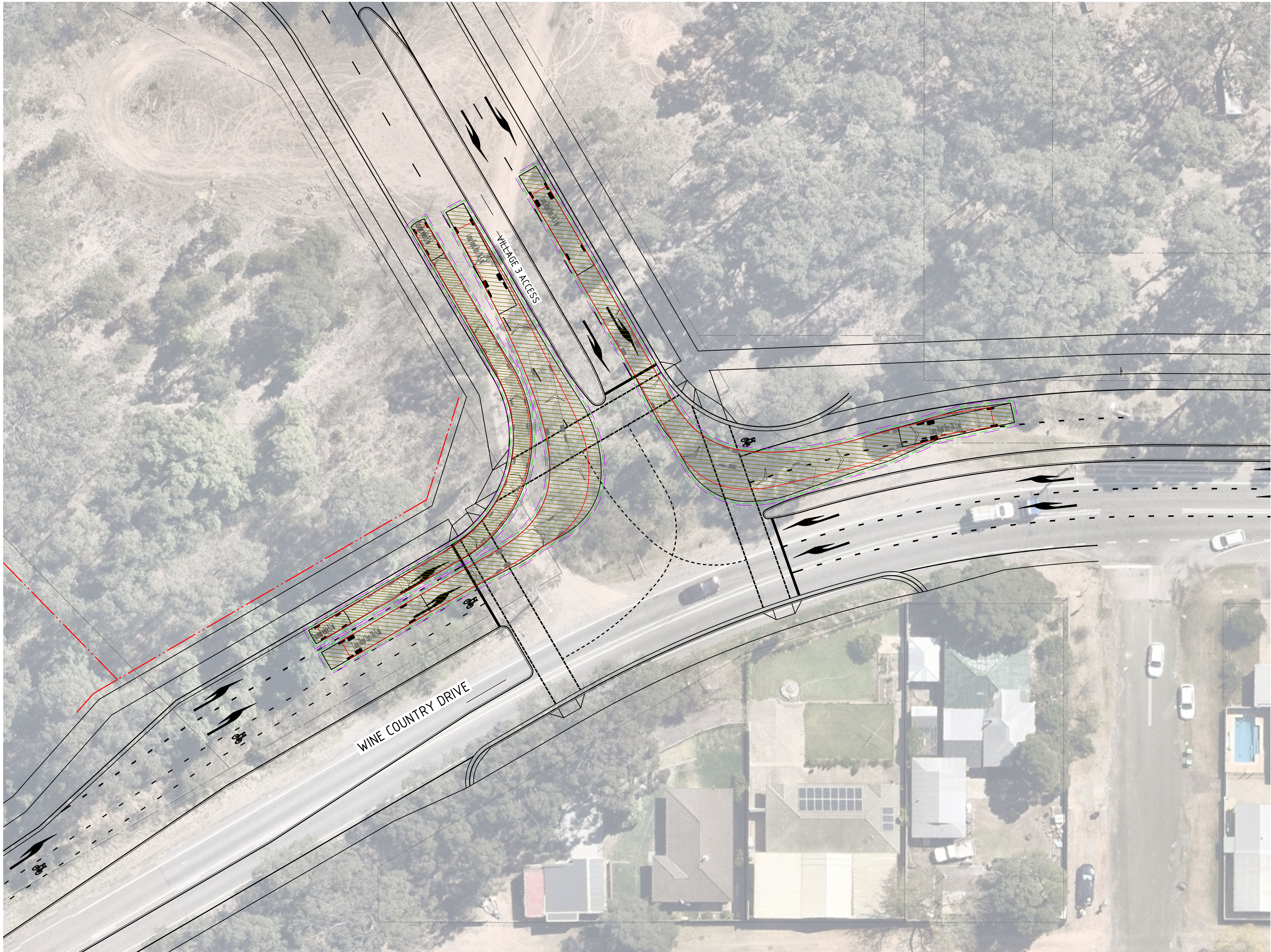
DRAWING TITLE
CONCEPT CIVIL
ENGINEERING PACKAGE
INTERSECTION A-X - VEHICLE
SWEEP PATHS PLAN - SHEET 2

JOB NUMBER
NL220566
DRAWING NUMBER
WCD-C09.42
REVISION
B
DRAWING SHEET SIZE = A1

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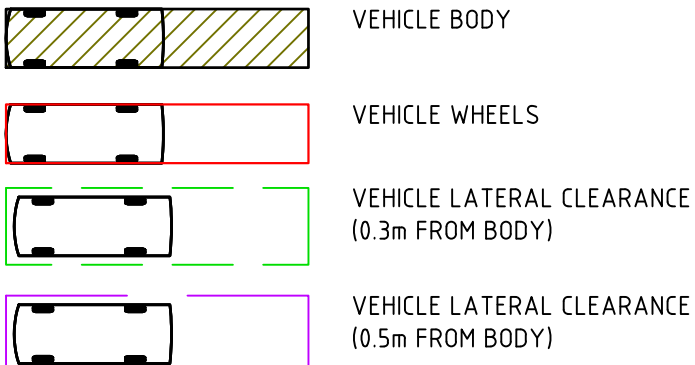
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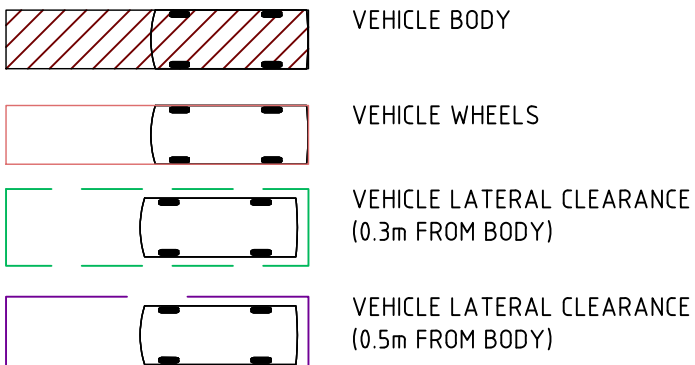


VEHICLE MOVEMENTS

FORWARD MOVEMENT



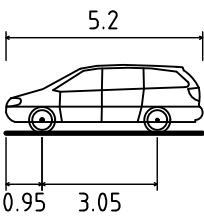
REVERSE MOVEMENT



DISCLAIMER

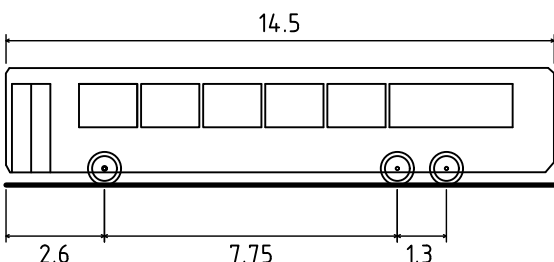
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VEHICLE PROFILE



PASSENGER VEHICLE (5.2 m)	
OVERALL LENGTH	5.200m
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TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
KERB TO KERB TURNING RADIUS	6.300m
TRAVELLING SPEED	15 km/h

VEHICLE PROFILE



LONG RIGID BUS (14.5 m)	
OVERALL LENGTH	14.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	3.102m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	15.000m
TRAVELLING SPEED	15 km/h

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PROJECT
HUNTLEE STAGE 2 DA AREA
WINE COUNTRY DRIVE INTERSECTION CONCEPTS

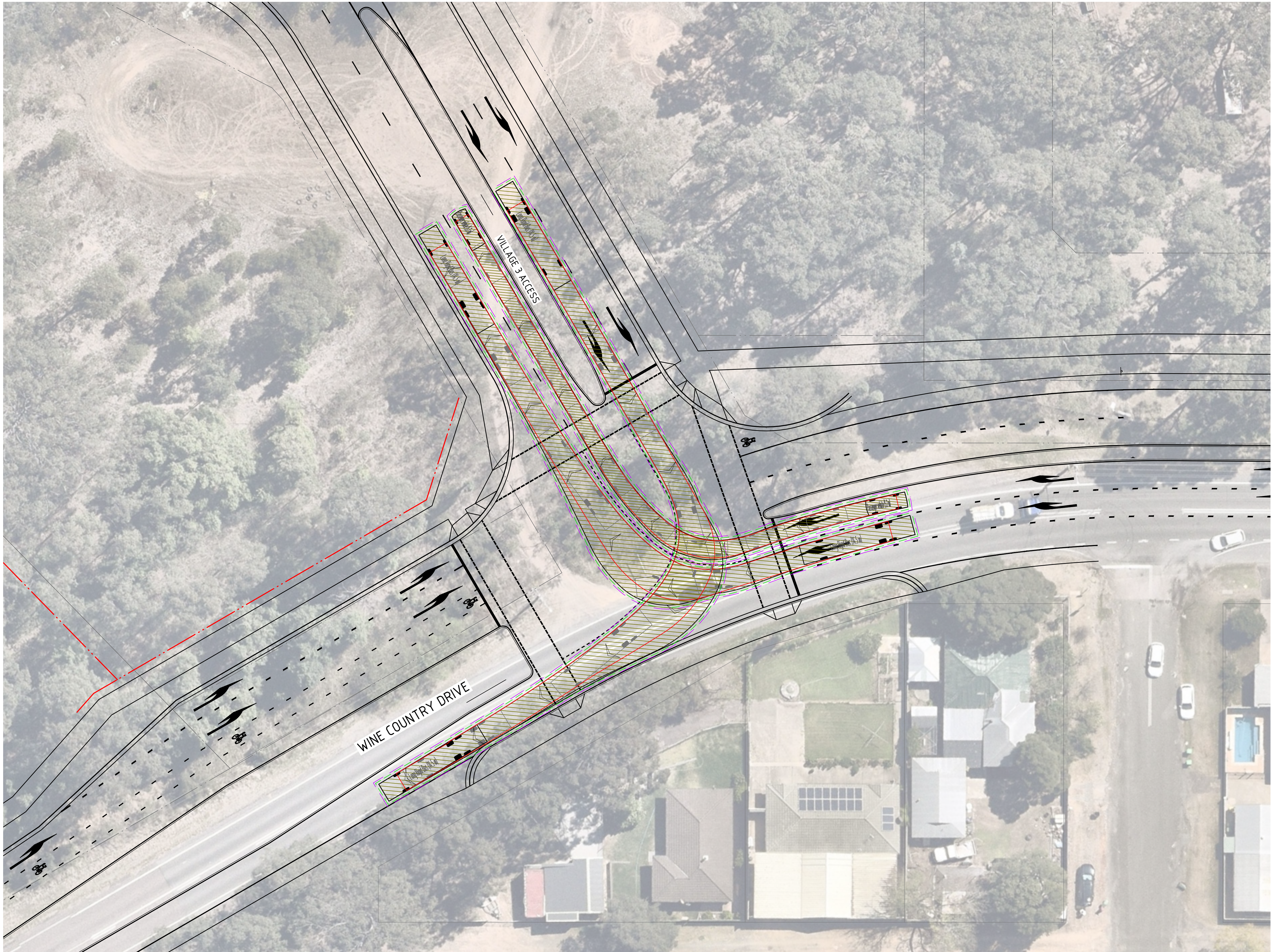
DRAWING TITLE
CONCEPT CIVIL ENGINEERING PACKAGE
INTERSECTION A-8 - VEHICLE SWEEP PATHS PLAN - SHEET 1

JOB NUMBER
NL220566

DRAWING NUMBER WCD-C09.51	REVISION B
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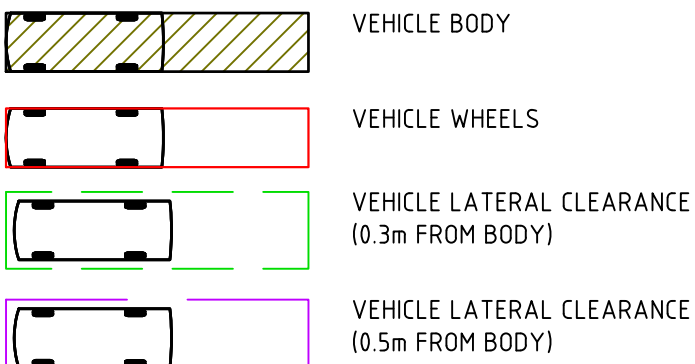
DRAWING SHEET SIZE ± A1

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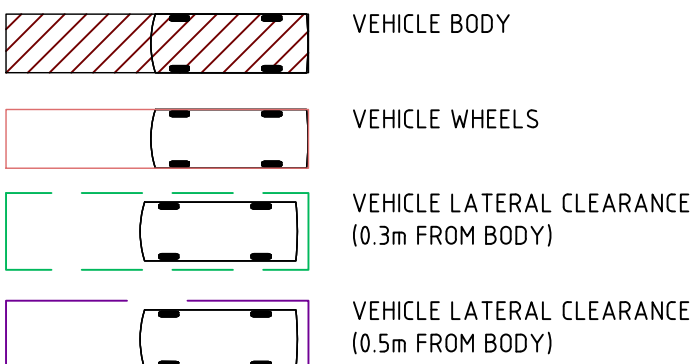


VEHICLE MOVEMENTS

FORWARD MOVEMENT



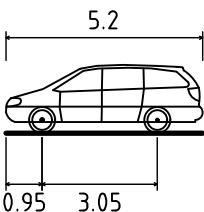
REVERSE MOVEMENT



DISCLAIMER

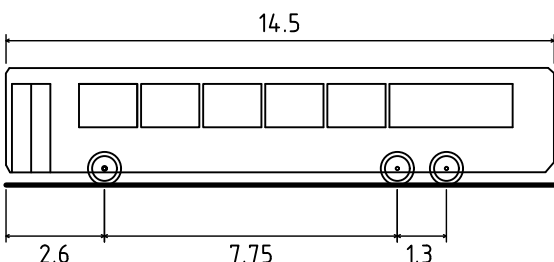
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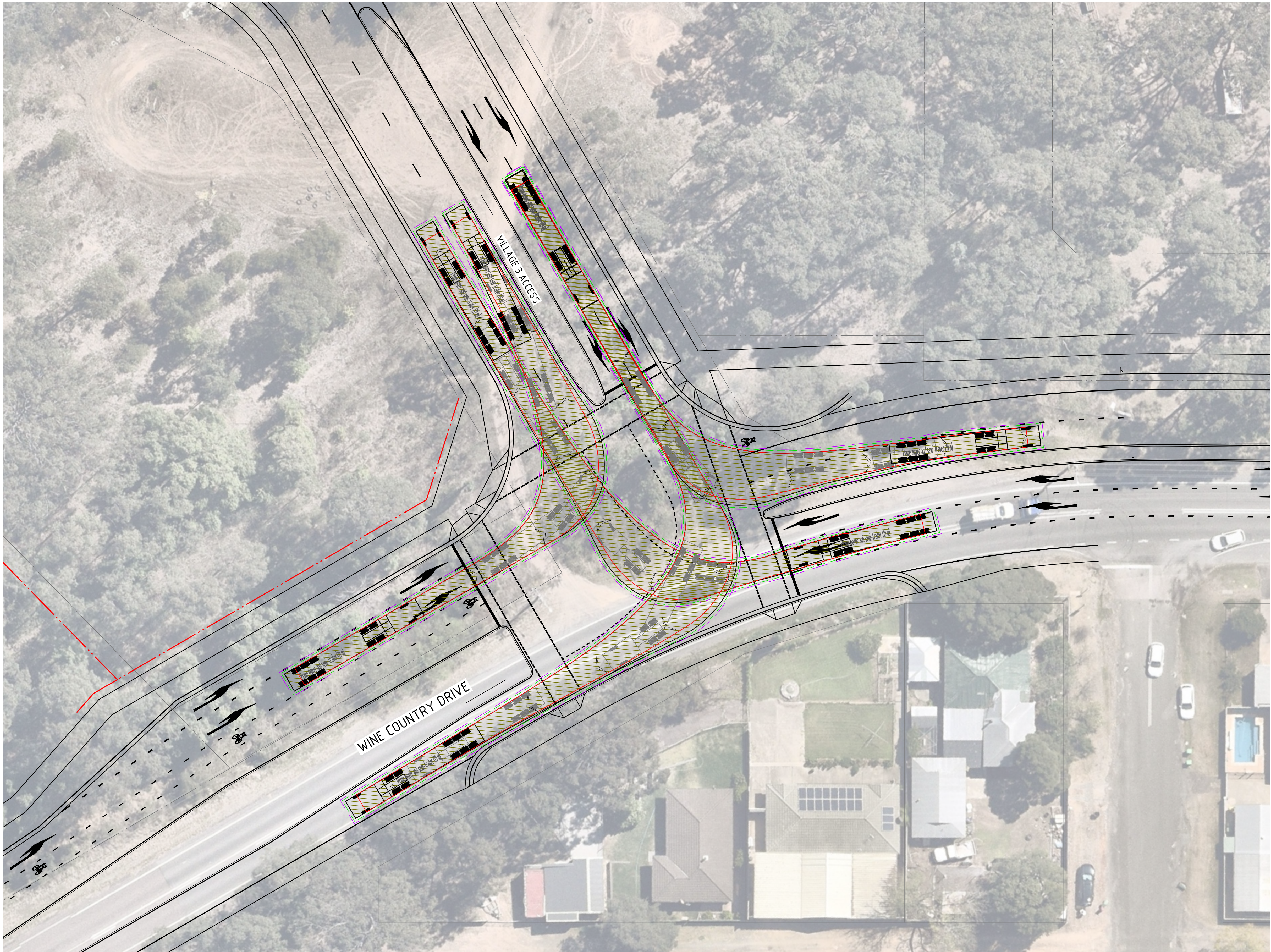
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PROJECT HUNTLEE STAGE 2 DA AREA WINE COUNTRY DRIVE INTERSECTION CONCEPTS

DRAWING TITLE CONCEPT CIVIL ENGINEERING PACKAGE INTERSECTION A-8 - VEHICLE SWEEP PATHS PLAN - SHEET 2

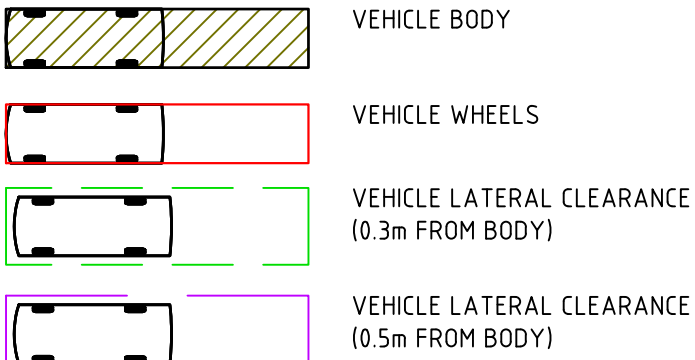
JOB NUMBER NL220566	DRAWING NUMBER WCD-C09.52	REVISION B
DRAWING SHEET SIZE = A1		

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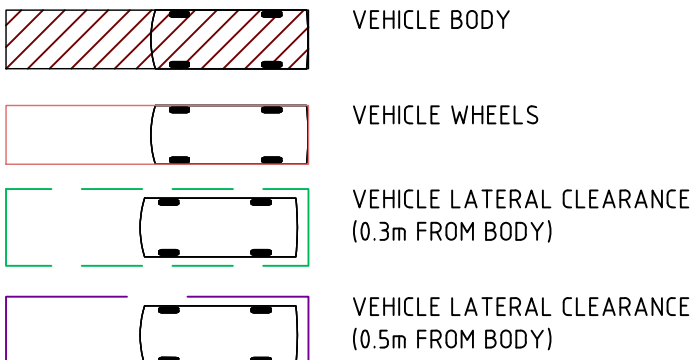


VEHICLE MOVEMENTS

FORWARD MOVEMENT



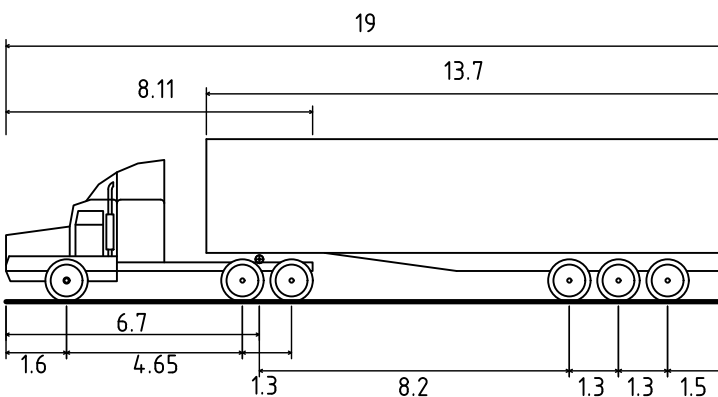
REVERSE MOVEMENT



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VEHICLE PROFILE



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KERB TO KERB TURNING RADIUS	12.500m
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B	ISSUED FOR INFORMATION	CWH	BC	TS	24/11/23	

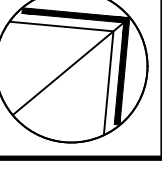


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PROJECT

HUNTLEE STAGE 2 DA AREA

**WINE COUNTRY DRIVE
INTERSECTION CONCEPTS**

DRAWING TITLE

**CONCEPT CIVIL
ENGINEERING PACKAGE**

**INTERSECTION A-8 - VEHICLE SWEEP
PATHS PLAN - SHEET 3**

JOB NUMBER

NL220566

DRAWING NUMBER

WCD-C09.53

REVISION

B

DRAWING SHEET SIZE = A1