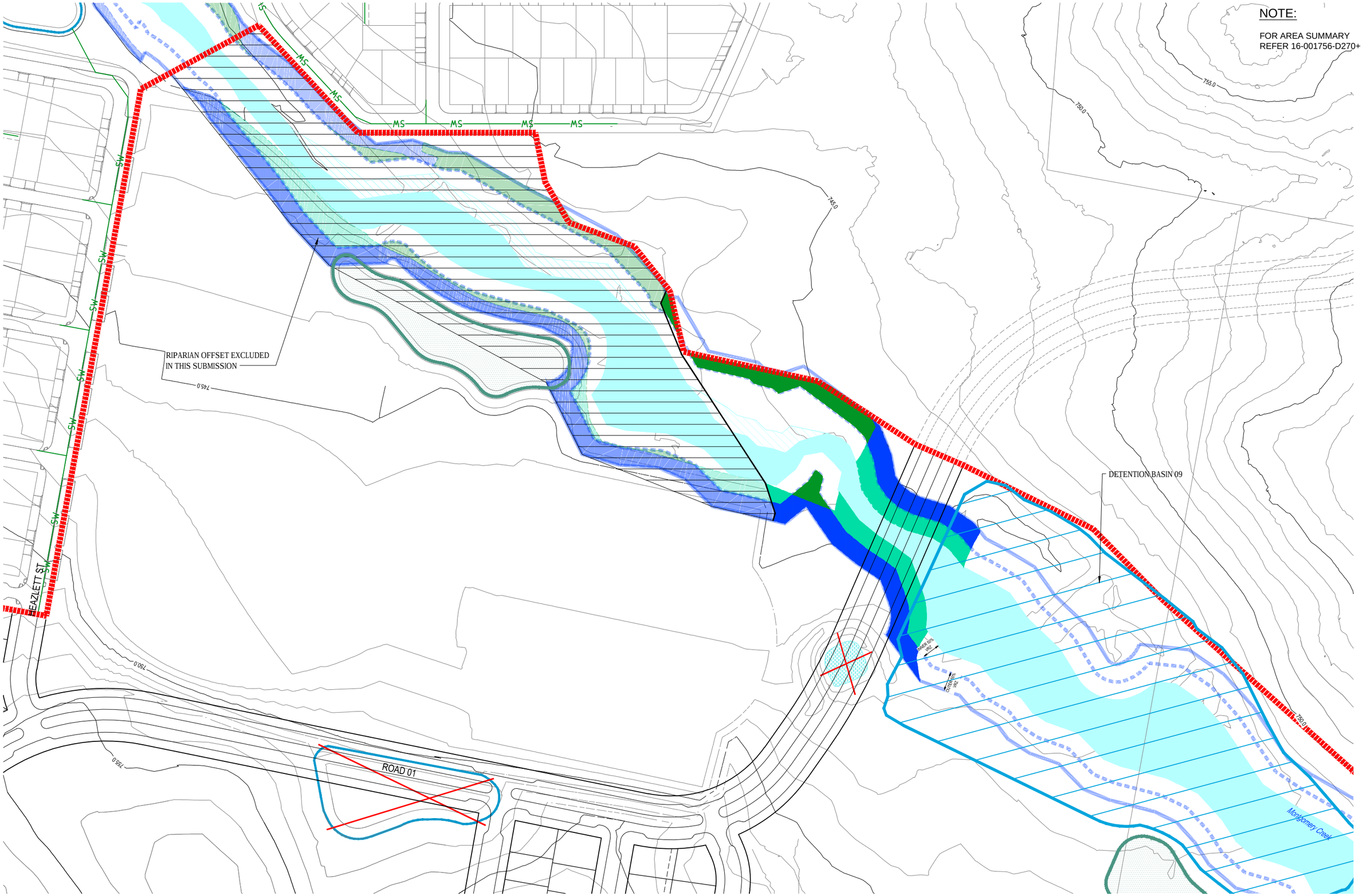

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
	BC	VVB			23/03/2017	
AMENDMENTS A	BC	KC			29/09/2017	QPRC COMMENTS ADDRESSED

WAE No.

PROJECT No.

A3 PLOT SCALE (METRES) A1 PLOT
1:2000 10 5 0 10 20 30 40 50 1:1000

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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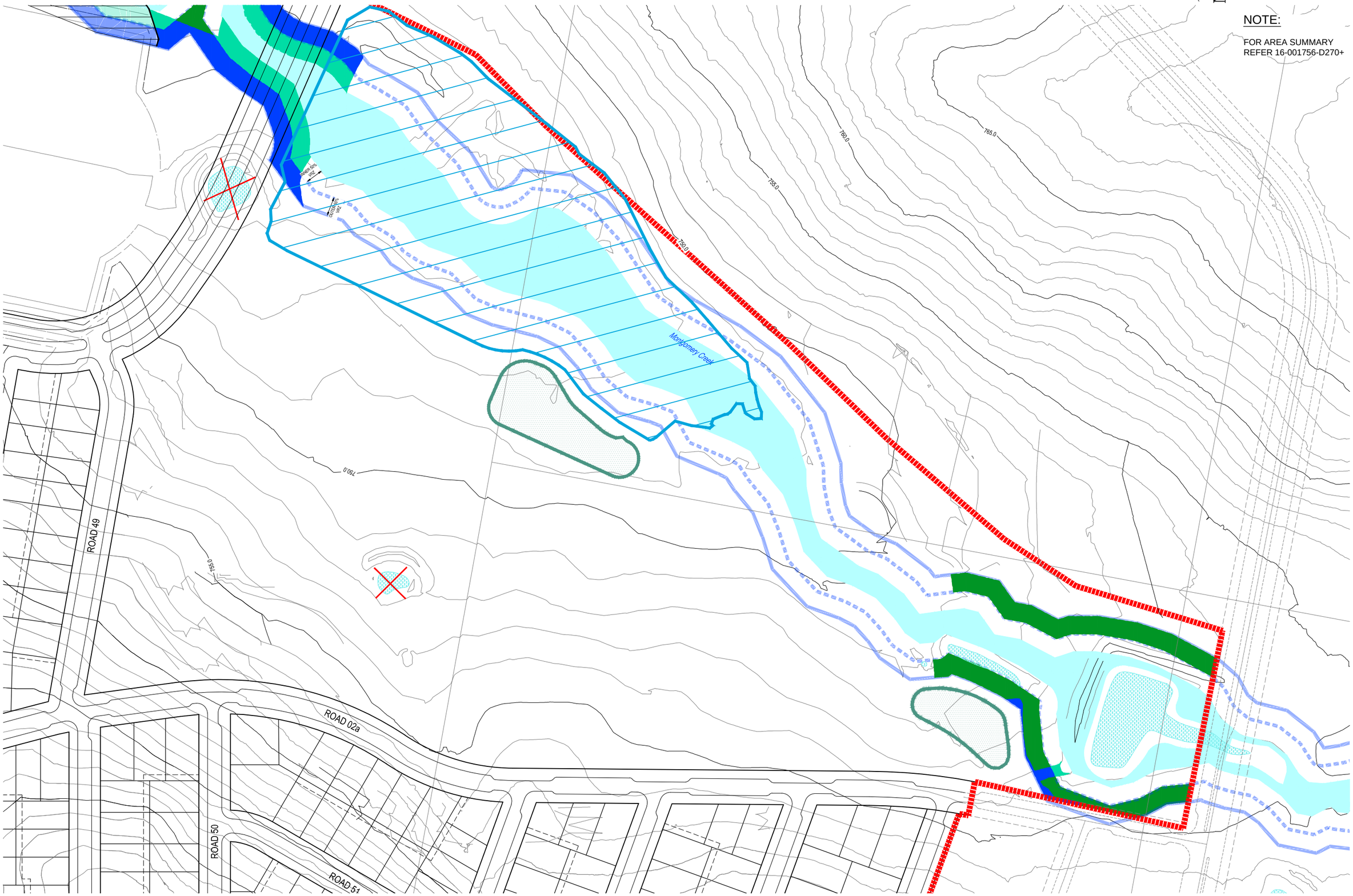
DRAWING TITLE
RIPARIAN CORRIDOR
OFFSET PLAN - SHEET 1 OF 2

DRAWING NUMBER 16-001756-D271+

AMEND. A



	DESIGN	DRAWN	CHECK	APPROVED	DATE	AMENDMENT DETAILS
FIRST ISSUE	BC	VVB			23/03/2017	
AMENDMENTS						
A	BC	KC			29/09/2017	QPRC COMMENTS ADDRESSED

WAE No. .....

PROJECT No. .....

A3 PLOT 1:2000 — SCALE (METRES) 10 5 0 10 20 30 40 50 — A1 PLOT 1:1000

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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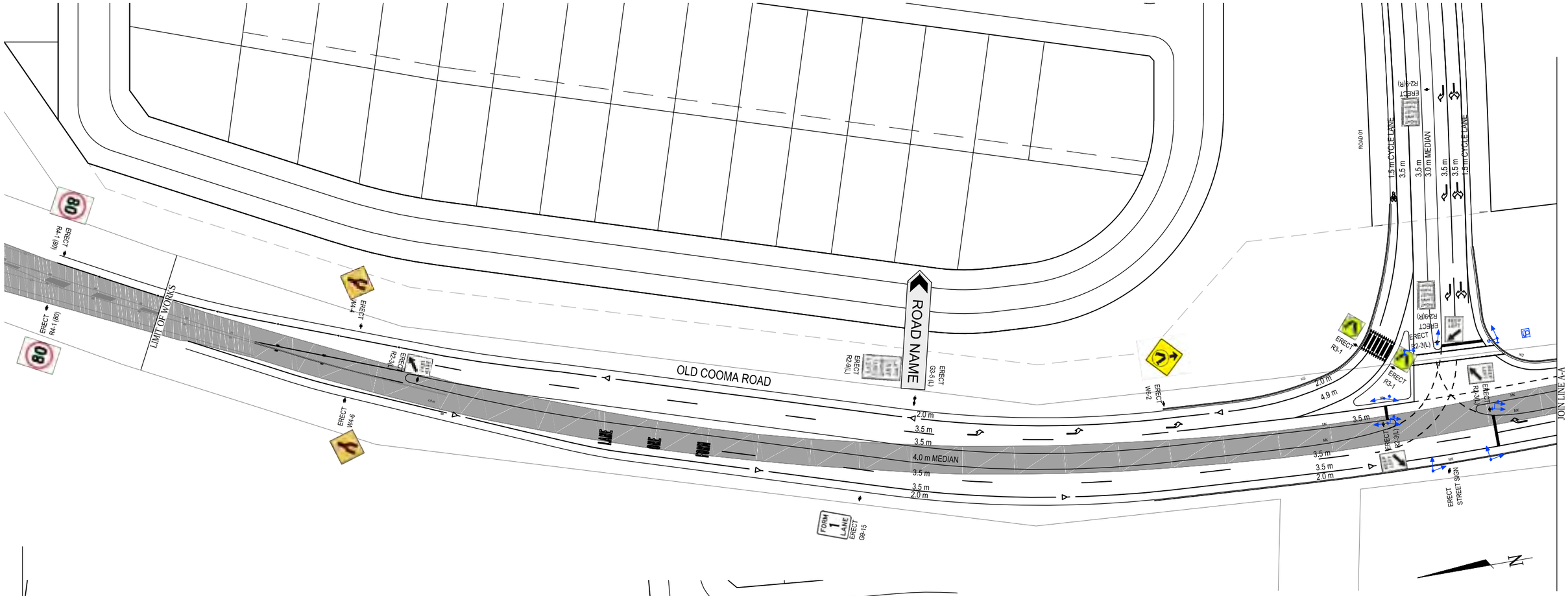
DRAWING TITLE
RIPARIAN CORRIDOR
OFFSET PLAN - SHEET 2

DRAWING NUMBER
16-001756-D272+

AMEND.
A



LEGEND

EXISTING PAVEMENT - OLD COOMA ROAD

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No.

PROJECT No.

A3 PLOT 1:1000 — SCALE (METRES) 10 5 0 10 20 — A1 PLOT 1:500

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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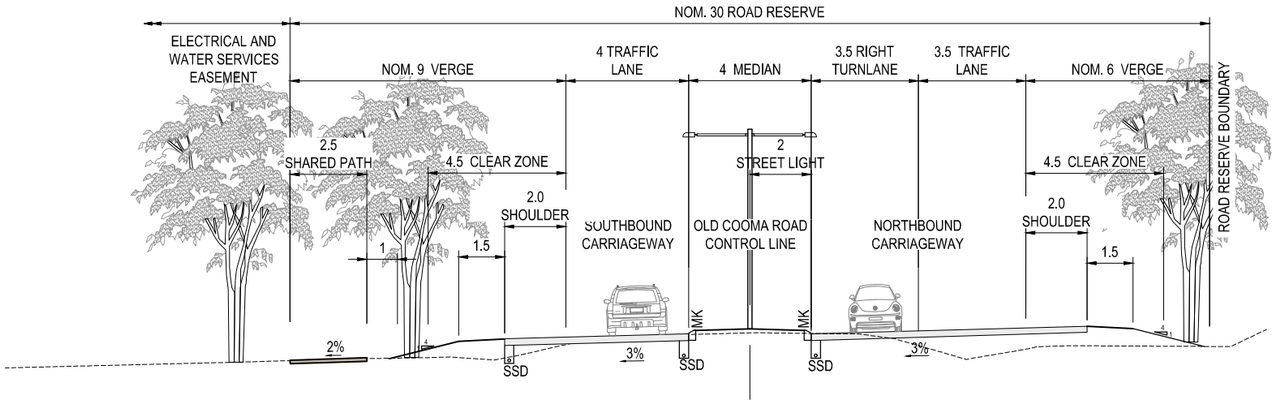
DRAWING TITLE
GENERAL ARRANGEMENT, LINEMARKING & SIGNPOSTING OLD COOMA ROAD / ROAD 1

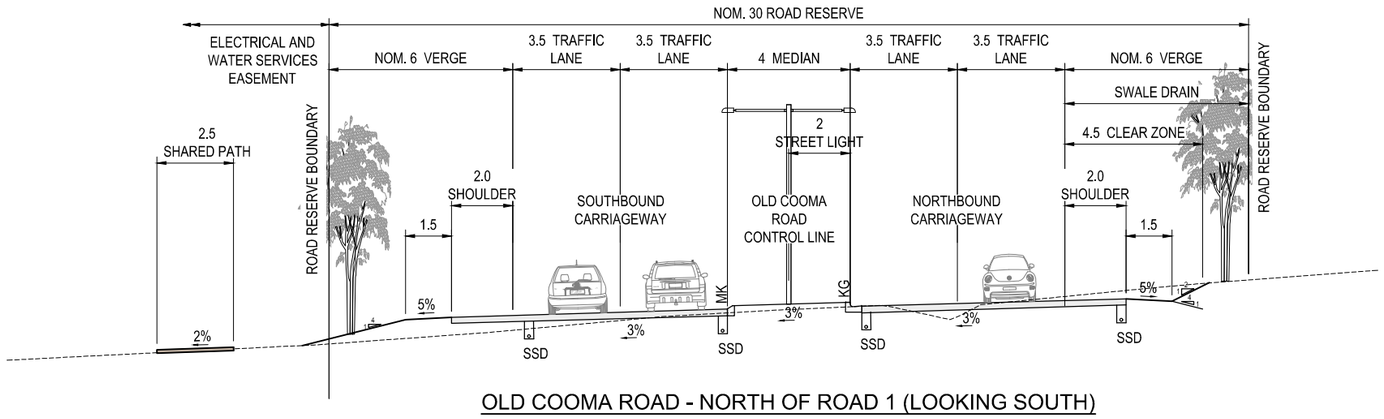
DRAWING NUMBER
16-001756-D300+

AMEND.



OLD COOMA ROAD - SOUTH OF ROAD 1 (LOOKING SOUTH)

SCALE 1:100



OLD COOMA ROAD - NORTH OF ROAD 1 (LOOKING SOUTH)

SCALE 1:100

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	MMW			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No. .....

PROJECT No. .....

A3 PLOT 1:200 — SCALE (METRES) 1 0 1 2 3 4 5 — A1 PLOT 1:100

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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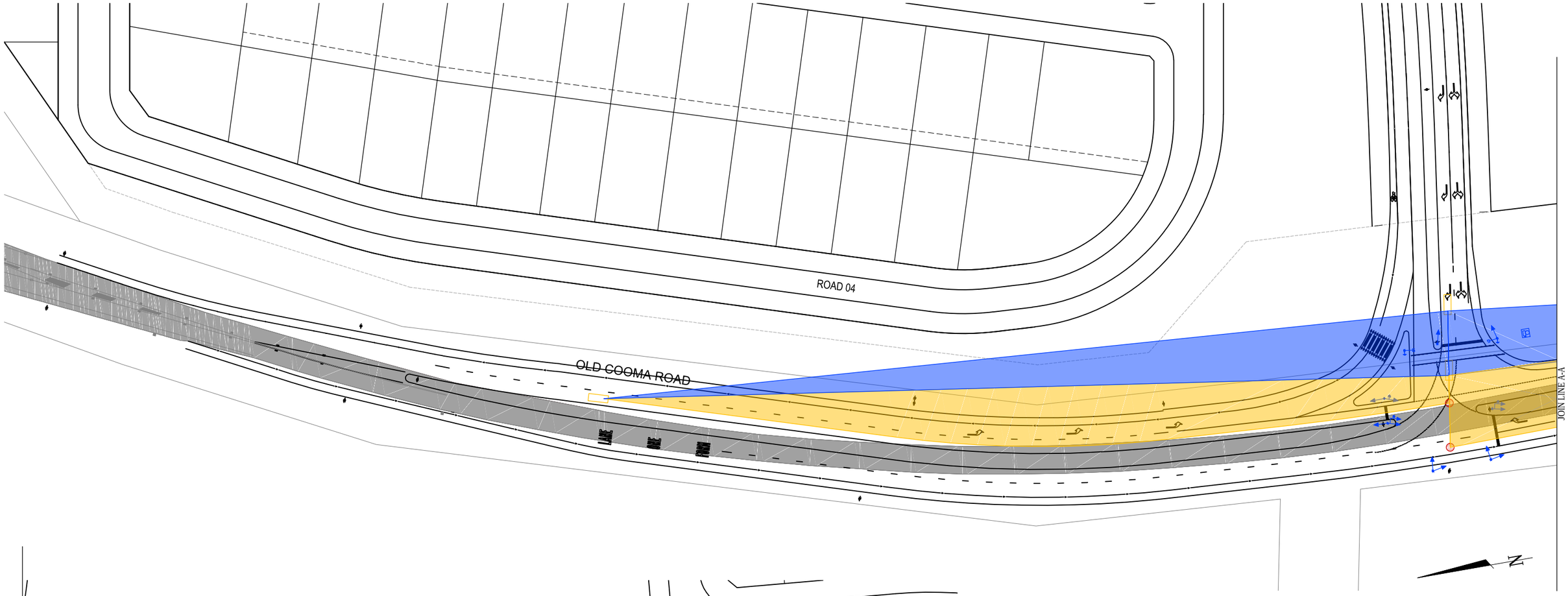
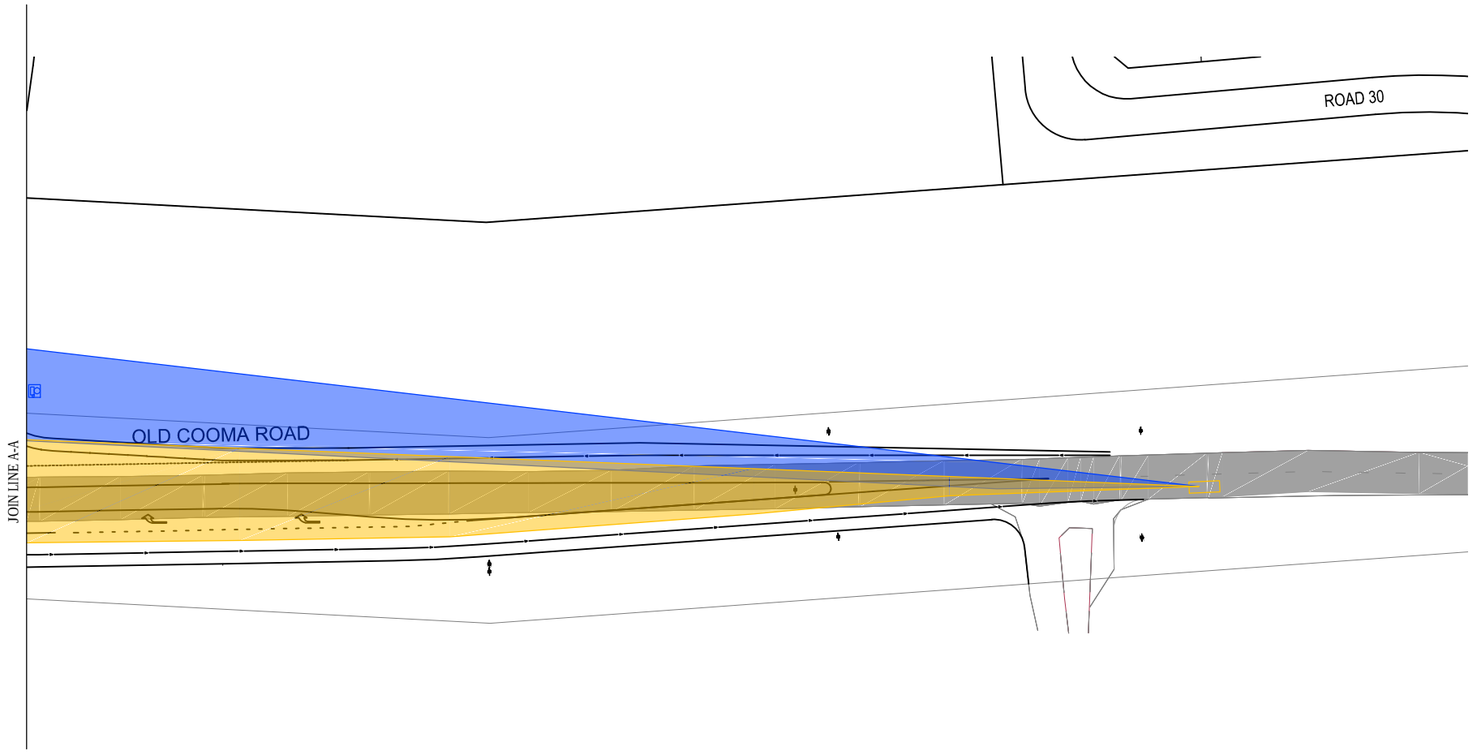
DRAWING TITLE
TYPICAL STREET CROSS SECTION
OLD COOMA ROAD

DRAWING NUMBER
16-001756-D301+

AMEND.





SAFE INTERSECTION SIGHT DISTANCE (SISD) CRITERIA

POSTED SPEED 80km/h / DESIGN SPEED 90 km/h

SISD 90 km/h = 214 m (ALONG TRAVELLED PATH)
REACTION TIME 2.0 SEC
DRIVER EYE HEIGHT - 1.1 m
OBJECT HEIGHT = 1.25 M (TOP OF CAR)

LEGEND:

INTERSECTION SIGHT TRIANGLES - SISD
5.0 m OFFSET EDGELINE TO CONFLICT POINT

SIGHT TRIANGLES SISD - 5.0 m OFFSET TO HOLD LINE

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No.

PROJECT No.

A3 PLOT SCALE (METRES) A1 PLOT
1:1000 10 5 0 10 20 1:500

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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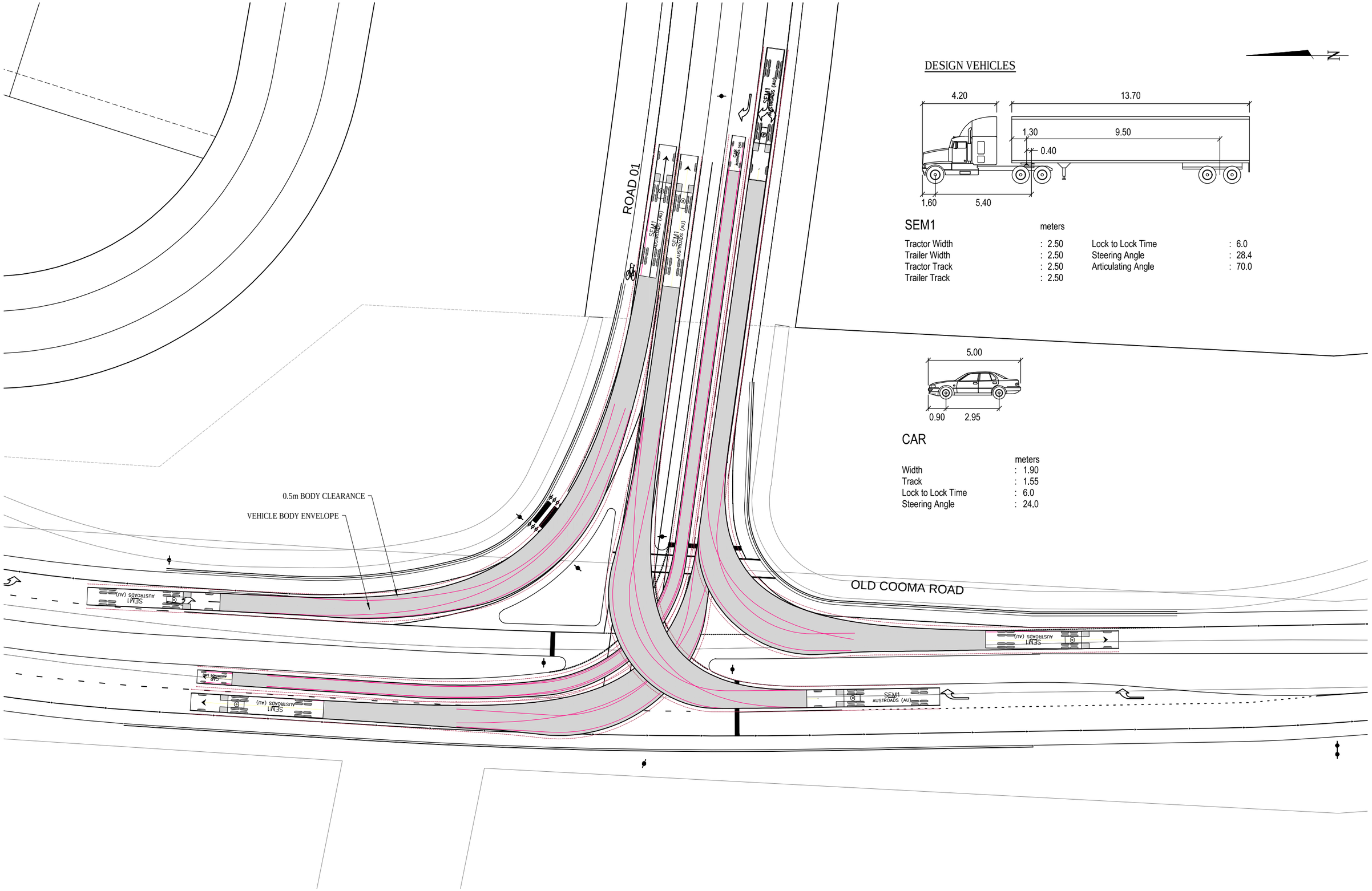
DRAWING TITLE
SIGHT TRIANGLES
OLD COOMA ROAD / ROAD 1

DRAWING NUMBER
16-001756-D302+

AMEND.



FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No.

PROJECT No.

A3 PLOT SCALE (METRES) A1 PLOT

1:500 5 0 5 10 1:250

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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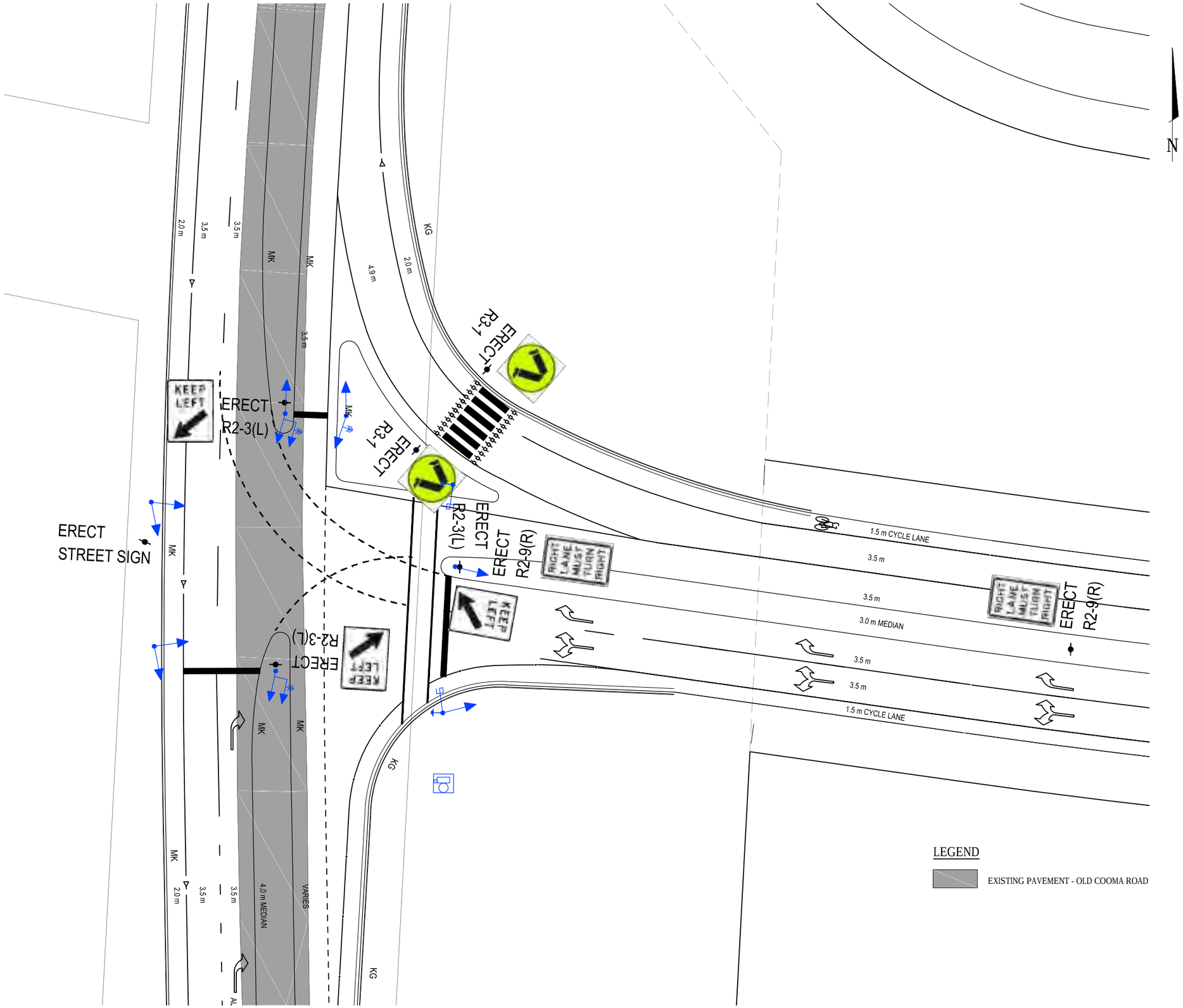
DRAWING TITLE
TURNING MOVEMENTS - 19m SEMI
OLD COOMA ROAD / ROAD 1
INTERSECTION

DRAWING NUMBER
16-001756-D305+

AMEND.



FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No. .....

PROJECT No. .....

A3 PLOT SCALE (METRES) A1 PLOT

1:400 2 1 0 2 4 6 8 10 1:200

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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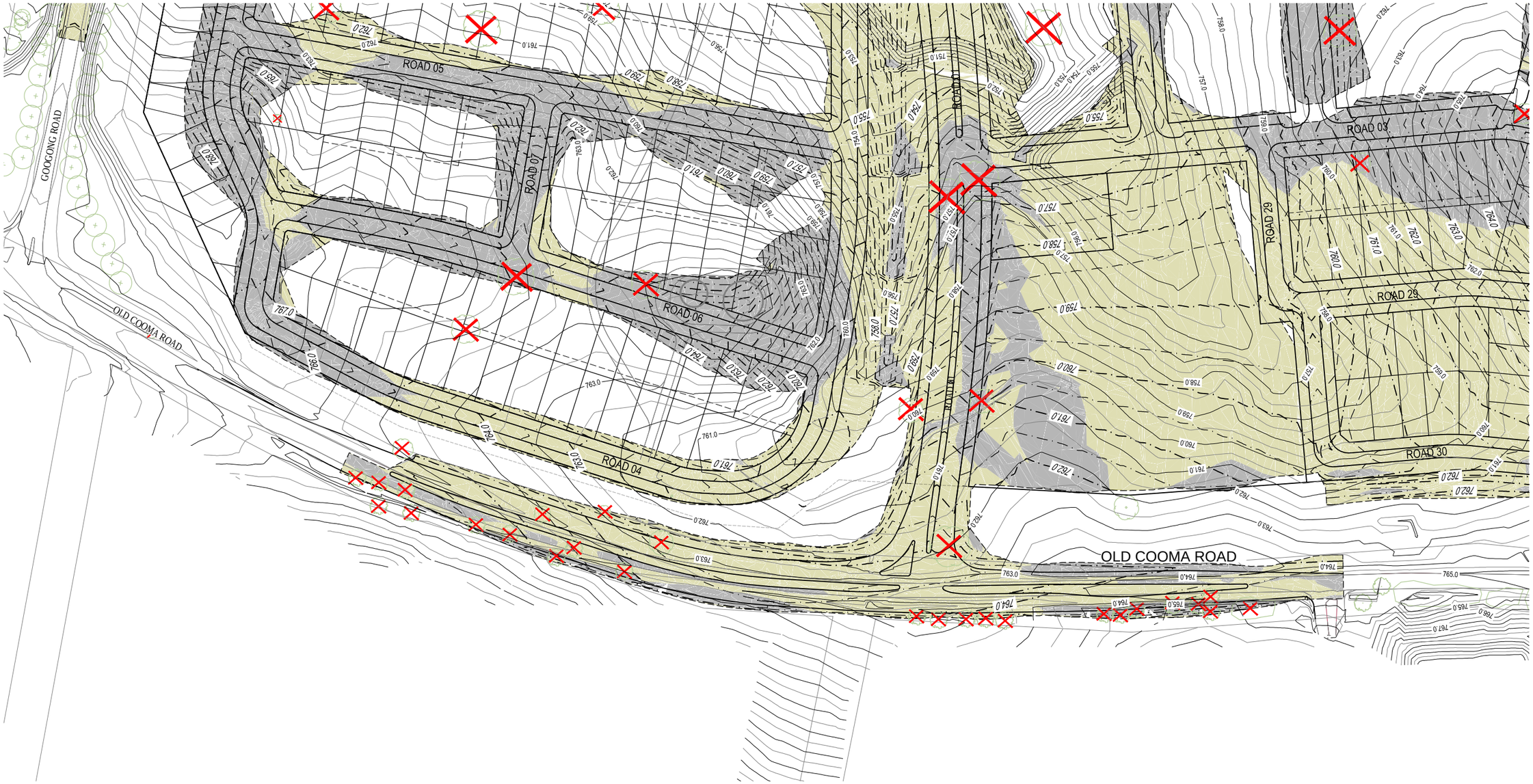
DRAWING TITLE
SIGNALISATION
OLD COOMA ROAD / ROAD 1

DRAWING NUMBER
16-001756-D306+

AMEND.



LEGEND

- - - - - - - - - GRADING LIMITS

CUT

FILL

NOTES:

1. EXISTING CONTOURS AT 1.0m INTERVALS.
   DESIGN CONTOURS AT 0.5m INTERVALS.

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No.

PROJECT No.

A3 PLOT 1:2000 — SCALE (METRES) 10 5 0 10 20 30 40 50 — A1 PLOT 1:1000

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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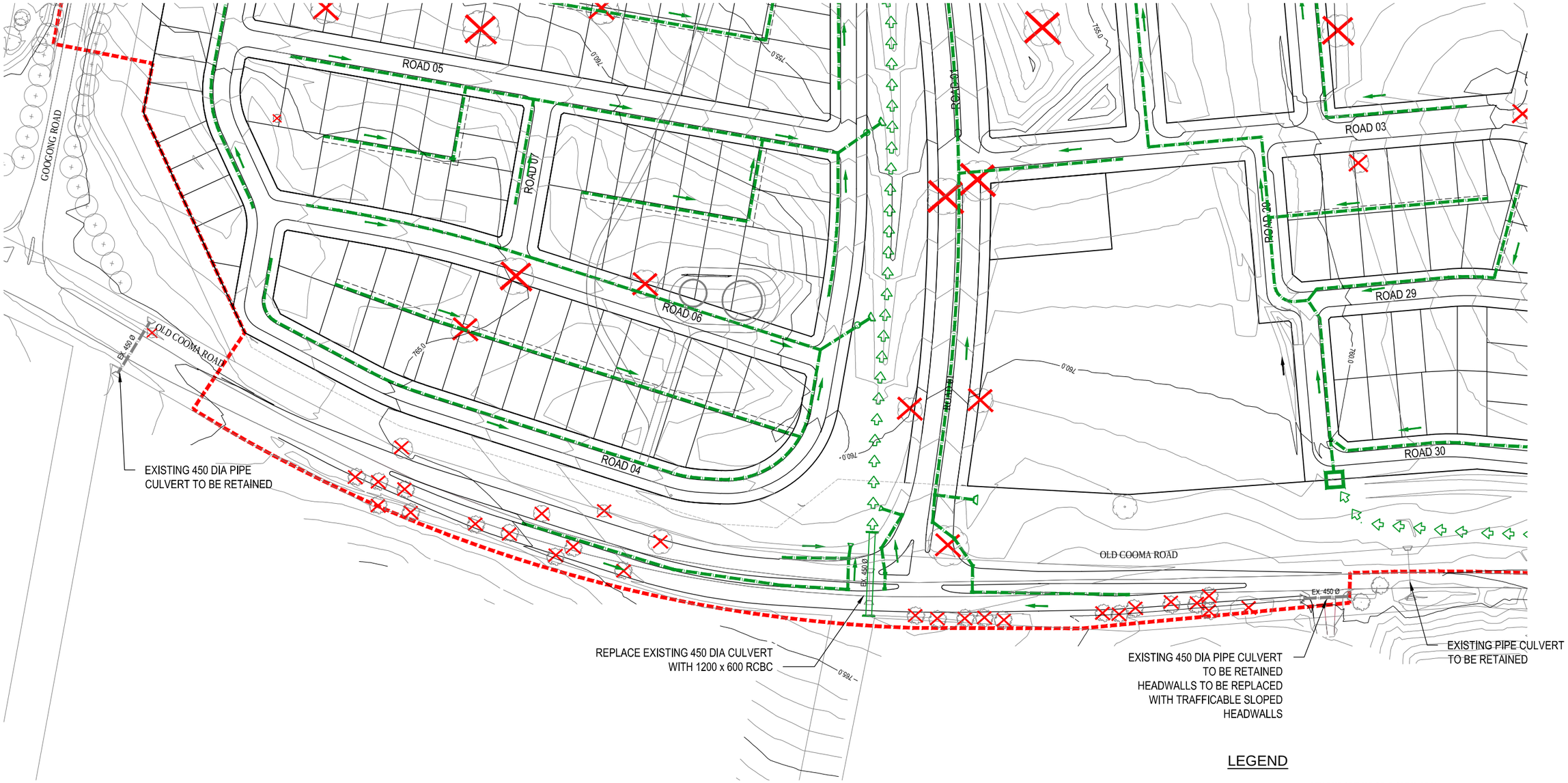
DRAWING TITLE
GRADING PLAN - OLD COOMA ROAD/ ROAD 1 INTERSECTION

DRAWING NUMBER
16-001756-D310+

AMEND.



LEGEND

- NEIGHBOURHOOD BOUNDARY
- EXISTING STORMWATER
- PROPOSED 375mmØ STORMWATER UNLESS OTHERWISE NOTED
- FLOW DIRECTION
- OVERLAND FLOW
- CONTOURS @ 1m INTERVALS
- EXISTING / REMOVE TREES

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No. .....

PROJECT No. .....

A3 PLOT SCALE (METRES) A1 PLOT

1:2000 10 5 0 10 20 30 40 50 1:1000

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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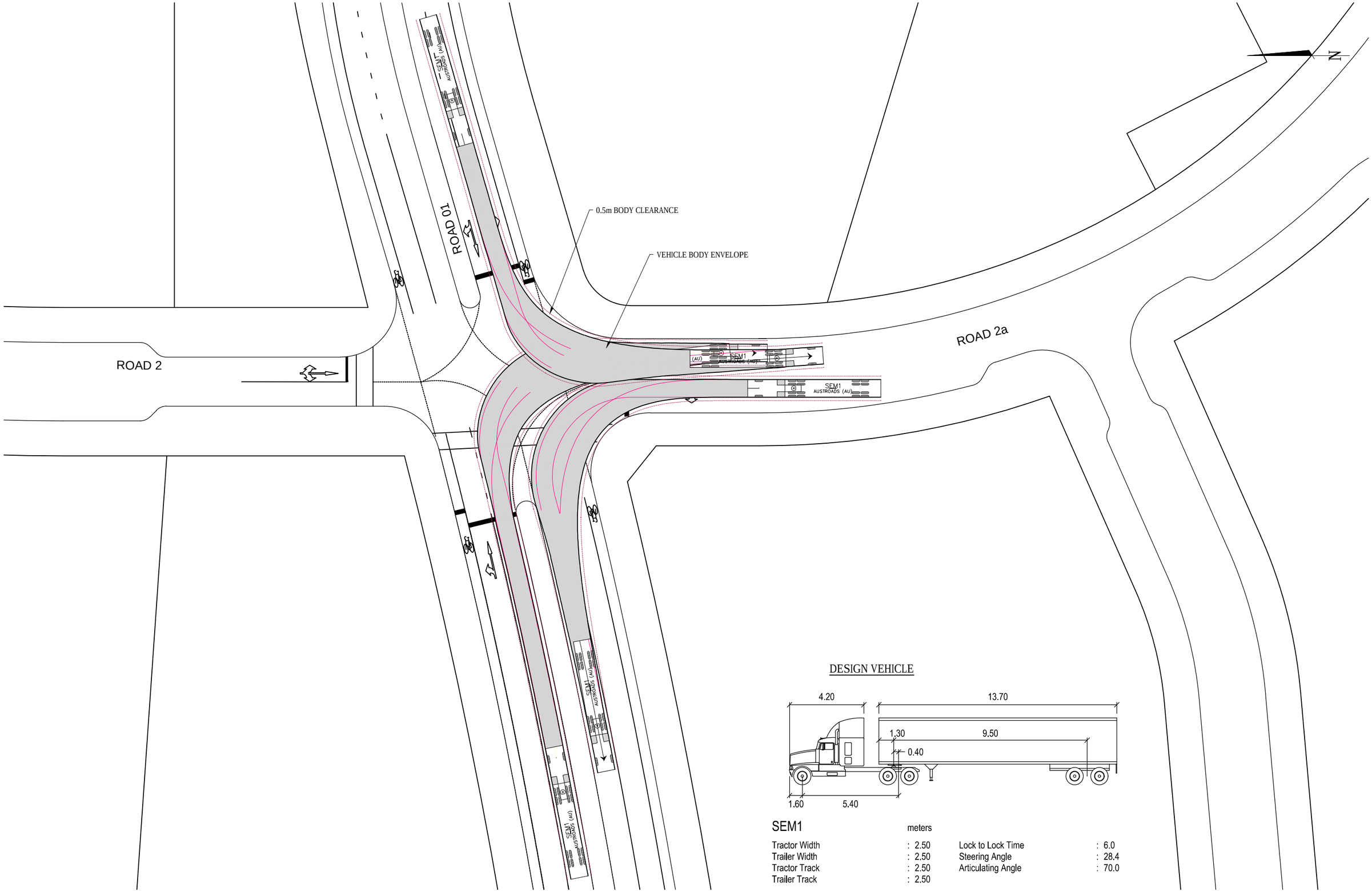
DRAWING TITLE
DRAINAGE PLAN - OLD COOMA ROAD/ ROAD 1 INTERSECTION

DRAWING NUMBER
16-001756-D311+

AMEND.



DESIGN VEHICLE

SEM1 meters

Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 28.4
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No. .....

PROJECT No. .....

A3 PLOT 1:500 — SCALE (METRES) 5 0 5 10 — A1 PLOT 1:250

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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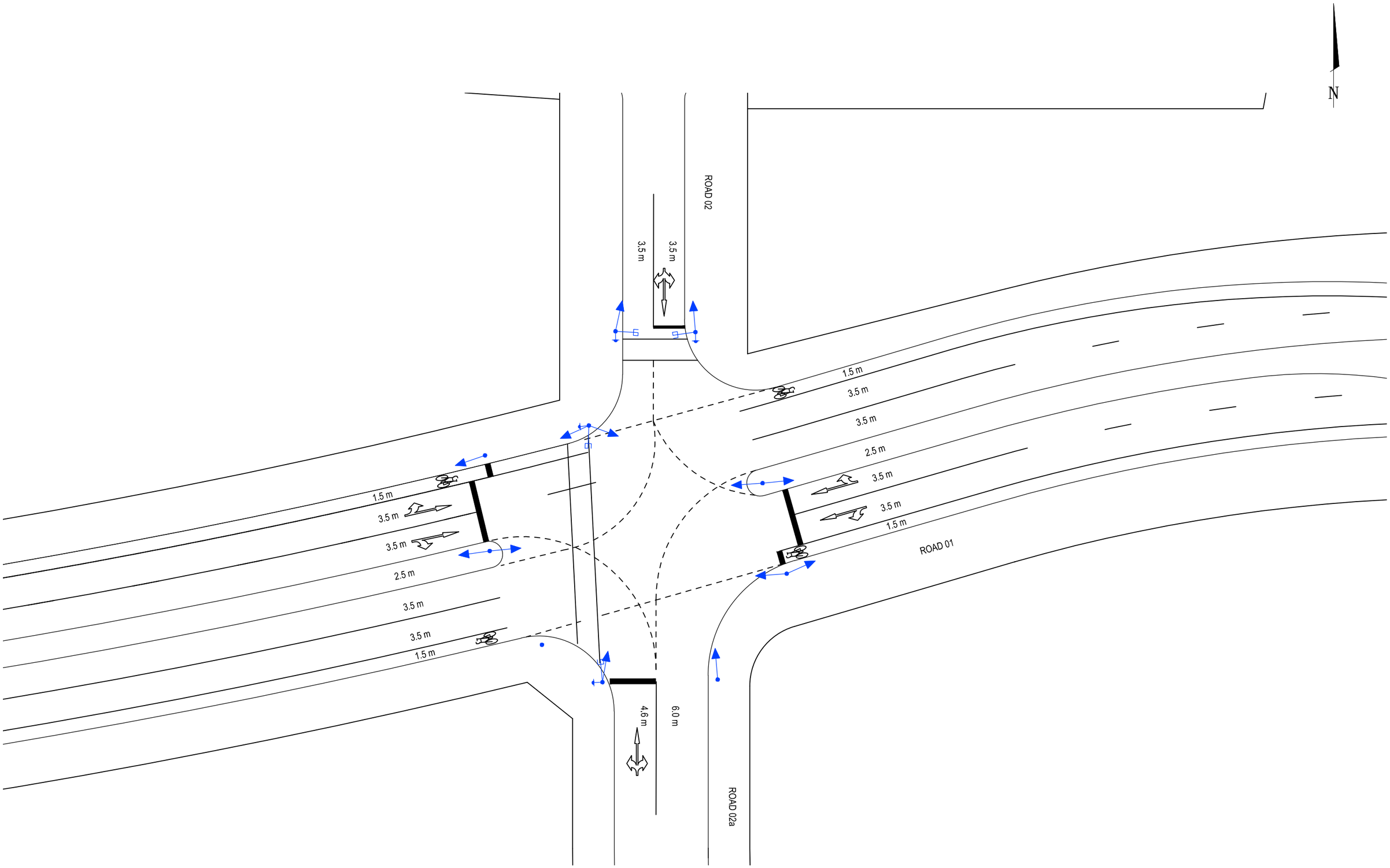
DRAWING TITLE
TURNING MOVEMENTS - 19m SEMI
ROAD 1 / ROAD 2
INTERSECTION

DRAWING NUMBER
16-001756-D321+

AMEND.



FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No.

PROJECT No.

A3 PLOT SCALE (METRES) A1 PLOT

1:400 2 1 0 2 4 6 8 10 1:200

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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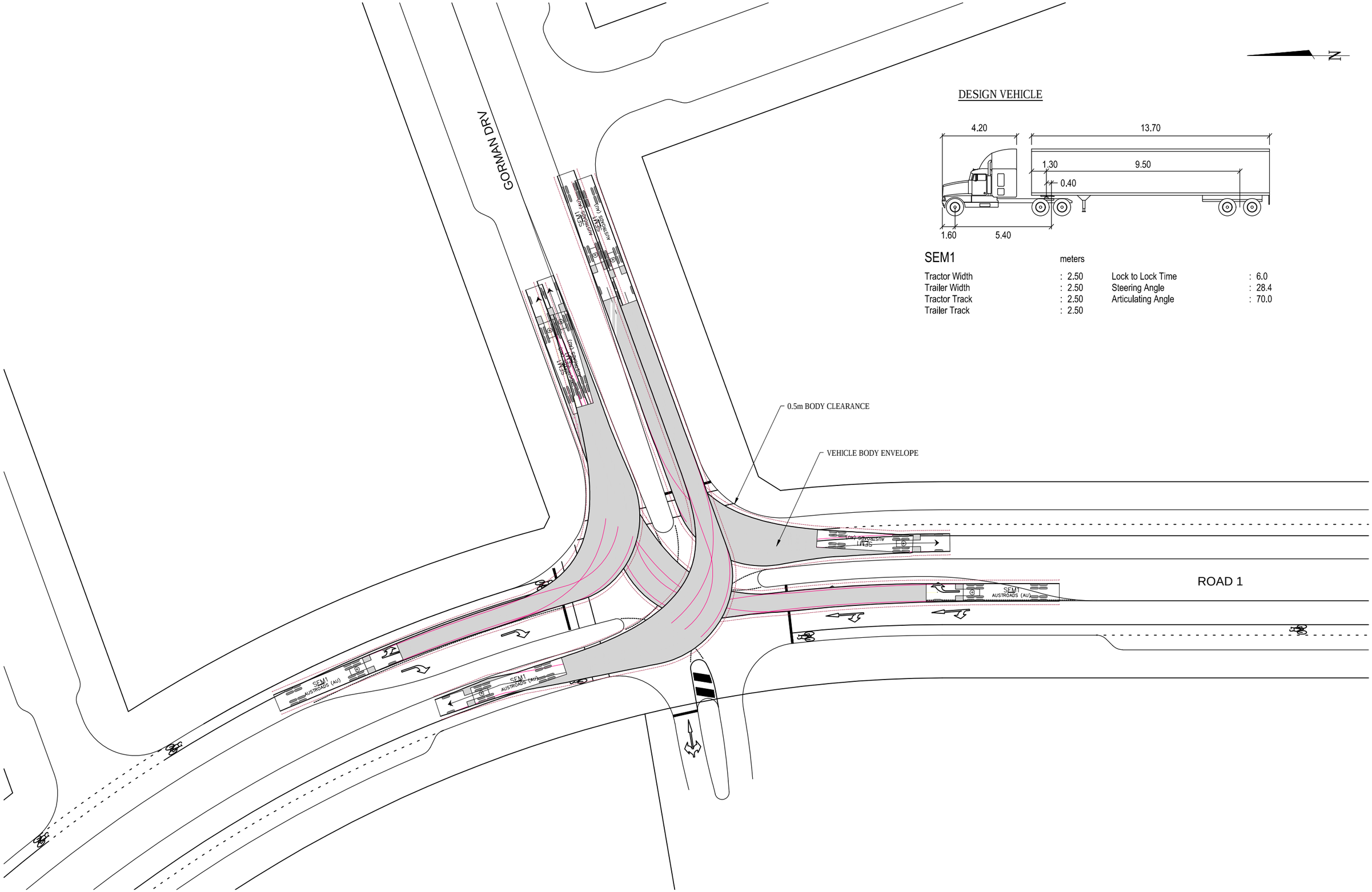
DRAWING TITLE
SIGNALISATION
ROAD 1/ ROAD 2 INTERSECTION

DRAWING NUMBER
16-001756-D322+

AMEND.



DESIGN VEHICLE

SEM1

		meters		
Tractor Width	:	2.50	Lock to Lock Time	: 6.0
Trailer Width	:	2.50	Steering Angle	: 28.4
Tractor Track	:	2.50	Articulating Angle	: 70.0
Trailer Track	:	2.50		

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No.

PROJECT No.

A3 PLOT 1:500 — SCALE (METRES) 5 0 5 10 — A1 PLOT 1:250

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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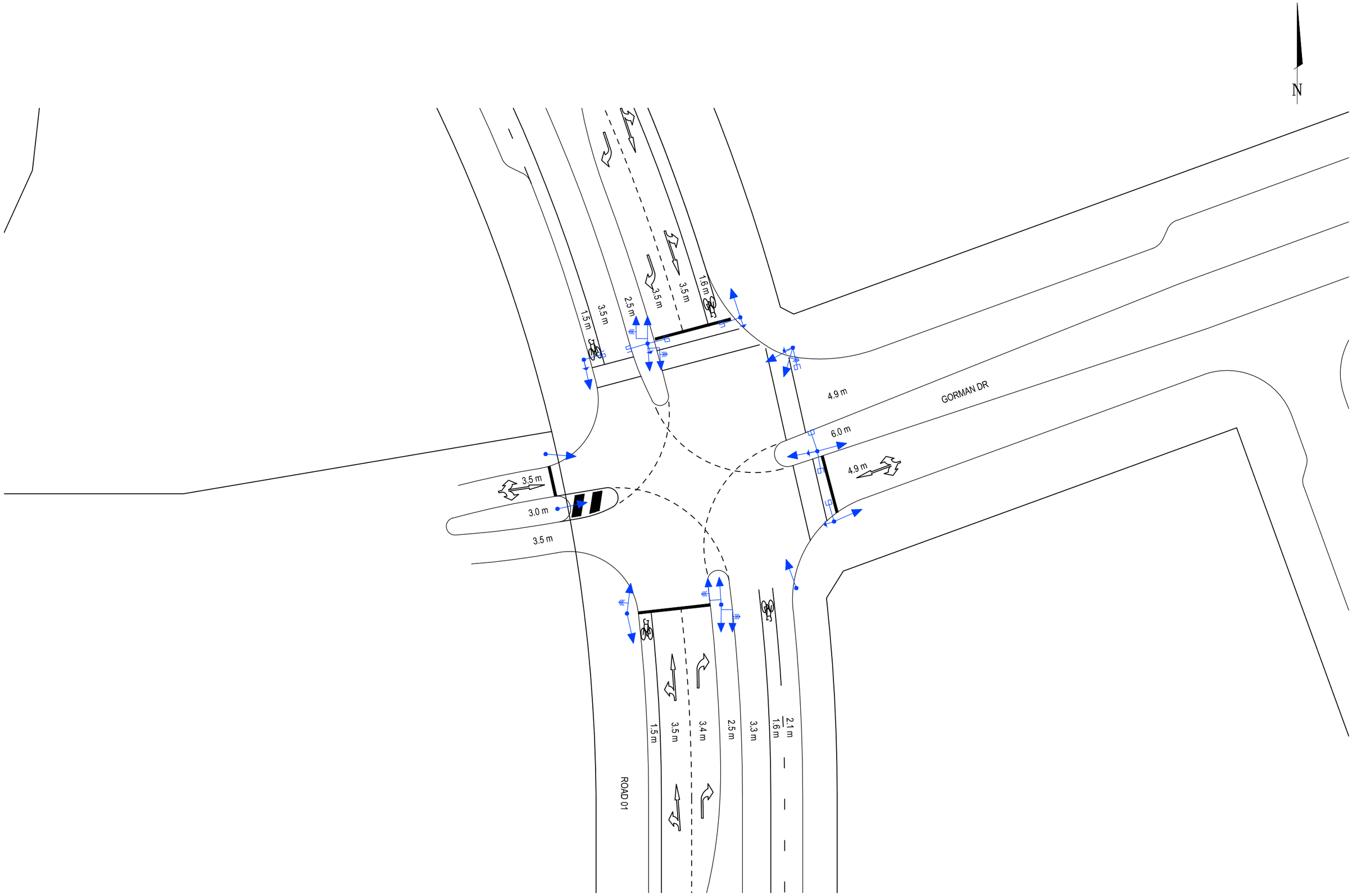
DRAWING TITLE
TURNING MOVEMENTS - 19m SEMI
ROAD 1 / GORMAN DR
INTERSECTION

DRAWING NUMBER
16-001756-D326+

AMEND.



FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No. .....

PROJECT No. .....

A3 PLOT SCALE (METRES) A1 PLOT

1:400 2 1 0 2 4 6 8 10 1:200

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2
DA SUBMISSION

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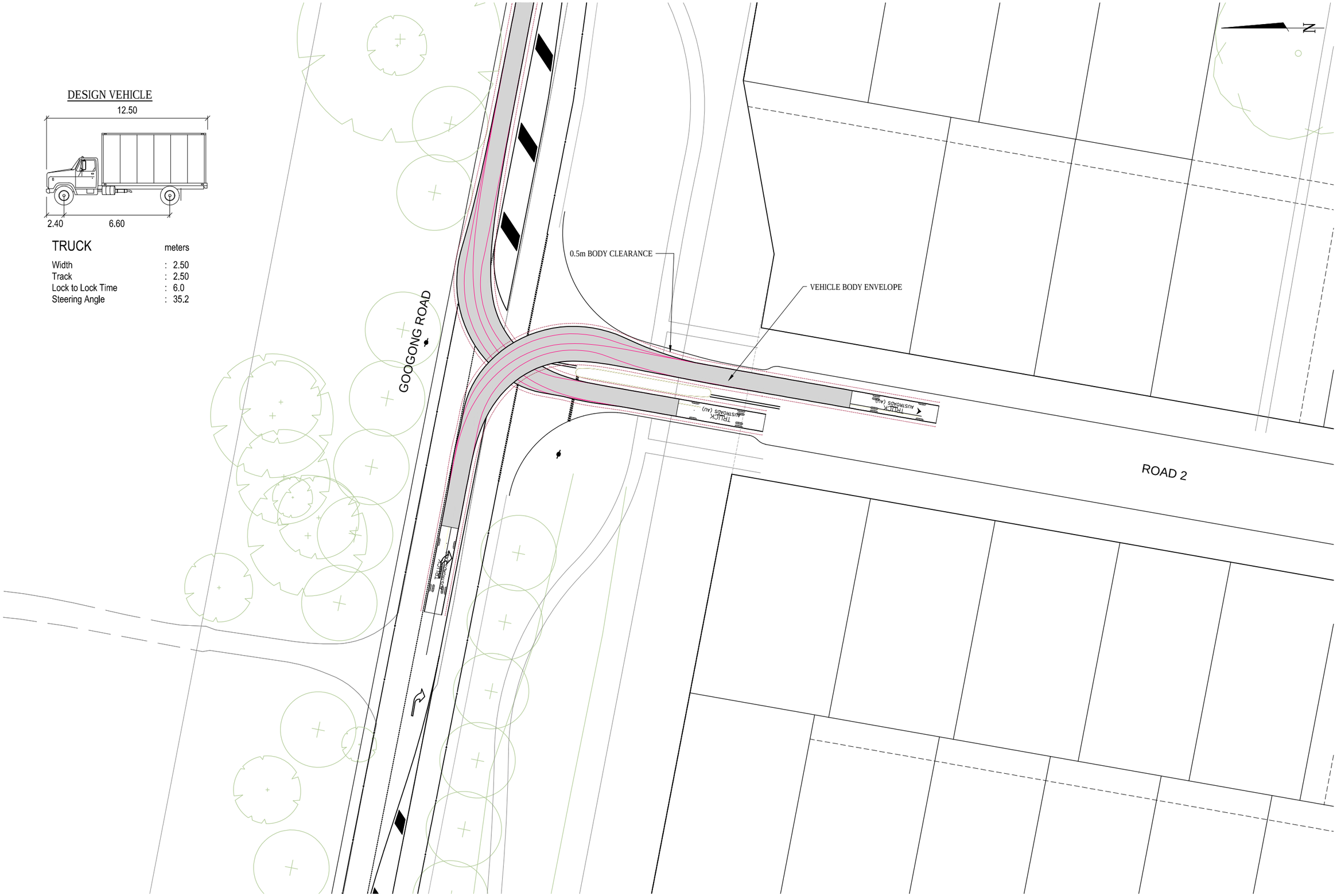
DRAWING TITLE
SIGNALISATION
ROAD 1/ GORMAN DR INTERSECTION

DRAWING NUMBER
16-001756-D327+

AMEND.

DESIGN VEHICLE

TRUCK	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 35.2



FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
	MMW	KC			23/03/2017

AMENDMENTS

AMENDMENT DETAILS

WAE No. .....

PROJECT No. .....

A3 PLOT SCALE (METRES) A1 PLOT

1:500 5 0 5 10 1:250

CLIENT

PROJECT
GOOGONG NORTH
NEIGHBOURHOOD 2

DA SUBMISSION

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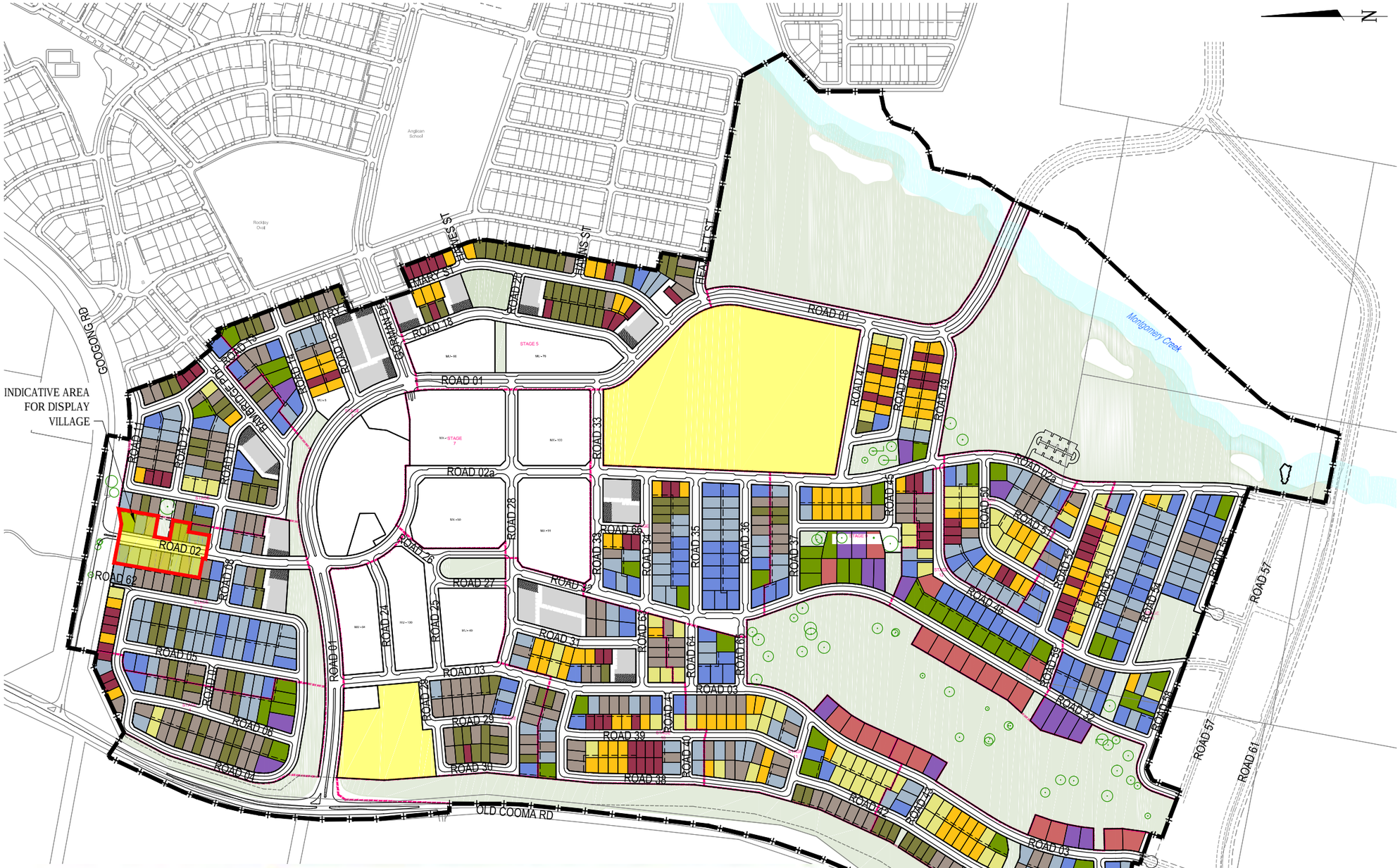
DRAWING TITLE
TURNING MOVEMENTS - 12.5m TRUCK
GOOGONG ROAD / ROAD 2
INTERSECTION

DRAWING NUMBER
16-001756-D330+

AMEND.



LEGEND

- NH2 BOUNDARY
- STAGE BOUNDARY
- COMMUNITY
- NH2 OPEN SPACE
- MONTGOMERY CREEK CORRIDOR
- TREES TO BE RETAINED

LOT MIX TYPES

S1	Studios = varies 75sqm	
N1	Terraces varies	= 130-330sqm
C1	Small Courtyard 12m x 27.5m 14m x 25m	= 330sqm = 350sqm
C2	Medium Courtyard 16m x 25m 16m x 27.5m	= 400sqm = 440sqm
C3	Large Courtyard 18m x 25m	= 450sqm
T0	Small Traditional 14m x 30m 14m x 35m	= 420sqm = 490sqm
T1	Small Traditional 16m x 30m	= 480sqm
T2	Medium Traditional 18m x 30m 16m x 35m+	= 540sqm = 560sqm
T3	Large Traditional 20m x 30m 18m x 35m+	= 600sqm =630sqm
E1	Estate Home 20m+ x 35m+	= 700sqm+
E2	Estate Home 20m+ x 35m+	= 850sqm+
E3	Estate Home 35m+ x 30m+	= 950sqm+

Dwelling type	Lot Type	Lot size	Lot area	NH2 Stages																
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total
Apartments																				
Studios	S1	varies	75sqm	3	3	6		9			3		3							18
Terraces	N1	varies	130-330sqm	21	18	22		41			17		39							158
Small Courtyard	C1	12.0m x 27.5m	330sqm						1											1
		14.0m x 25.0m	350sqm	6	4	1	3	12			4	11	14		12	5				72
Medium Courtyard	C2	16.0m x 25.0m	400sqm	1	1		1	1			3	17	1	6						31
		16.0m x 27.5m	440sqm	1		6		19			1	5	24	5	5	11	7	5		79
Large Courtyard	C3	18.0m x 25.0m	450sqm	4	1		1					3	3	18	5	11	19	8		73
Small traditional	T0	14.0m x 30.0m	420sqm	12	2	7	12	23	11		4	4	2	2				7		84
		14.0m x 35.0m	490sqm	4	16		1	1												22
Small traditional	T1	16.0m x 30.0m	480sqm	36	17	18	33	3	26		7	9	35	28	4	9	5	6		245
Medium traditional	T2	18.0m x 30.0m	540sqm	7	23	4	1	3	1		18	6	11	5	3	23	24	13		177
		16.0m x 35.0m+	560sqm	1	24		4	2			2	1	2	4	4		5			45
Large traditional	T3	20.0m x 30.0m	600sqm	7	4	6			7		13	4	9	9	12		21	17		109
		18.0m x 35.0m+	630sqm	1	9		1	1					1		4	4	6	7		34
Estate Home	E1	18m x 35m	700sqm+	1	1	3	5				3	3	1	3	10	2	3	4		41
Estate Home	E2	30m+	850sqm+			3	1					2		1	1	1	4	4		17
	E3	35m+	950sqm+									2		4	8			4		18
NRP Affected Lots																				8
Total Dwellings per Stage (excluding homes)				70	91	76	92	79	39	0	68	69	91	76	64	54	87	69		945
Total Dwellings per Stage (including homes in buffer)				83	113	71	92	90	39	0	80	83	111	76	64	54	87	85		1113

1:7000 @ A3 — 50 0 50 100 150 — 1:3500 @ A1

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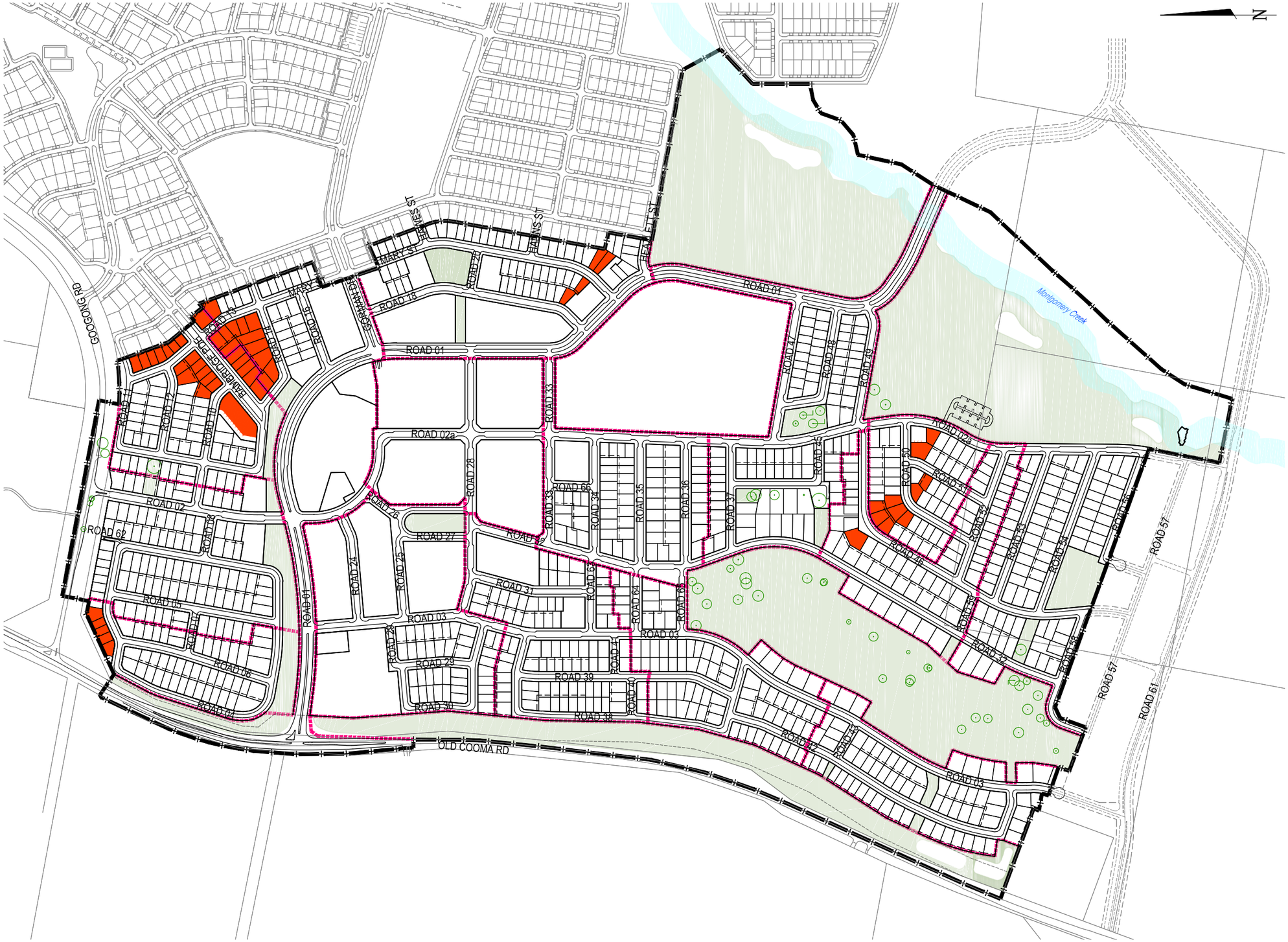
GOOGONG

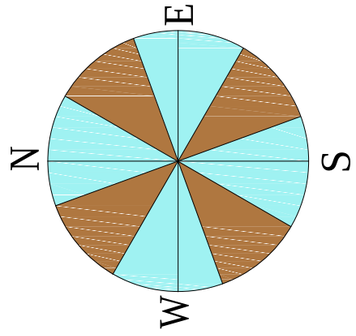
GOOGONG NORTH
NEIGHBOURHOOD 2
LOT MIX PLAN

16-001756#SK300+



LEGEND

- NH2 BOUNDARY
- STAGE BOUNDARY
- LOTS WHICH FALL OUT OF OPTIMAL SOLAR ORIENTATION
- NH2 OPEN SPACE
- MONTGOMERY CREEK CORRIDOR
- TREES TO BE RETAINED



NOTE

LOT ORIENTATION BASED ON OPTIMAL LOT ORIENTATION FIGURE 45 IN GOOGONG NEIGHBOURHOOD 2 STRUCTURE PLAN REPORT

THE LOTTING PLAN FOR NH2 DEMONSTRATES THAT 93.95% OF LOTS ARE WITHIN THIS OPTIMAL ORIENTATION TO MAXIMISE PASSIVE SOLAR ACCES AND THE ABILITY TO BUILD HOMES THAT DELIVER HIGH ENERGY RATINGS

GOOGONG

1:7000 @ A3 — 50 0 50 100 150 — 1:3500 @ A1

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GOOGONG NORTH NEIGHBOURHOOD 2 SOLAR ACCESS LOT ORIENTATION PLAN

16-001756#SK310+