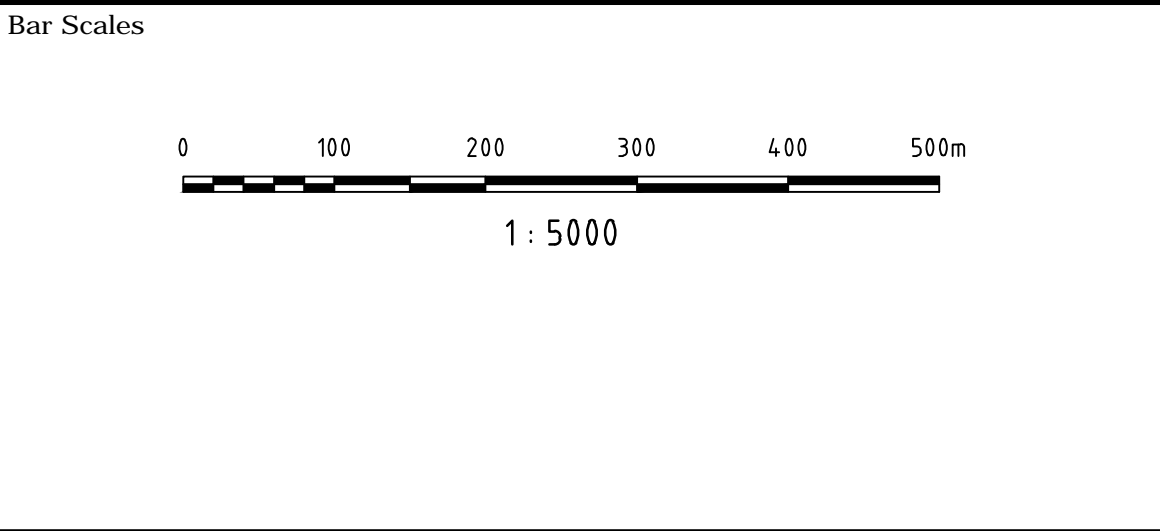




E	ISSUED FOR COUNCIL REVIEW	15-10-19
D	ISSUED FOR COUNCIL REVIEW	27-09-19
C	ISSUED FOR COUNCIL REVIEW	02-07-19
B	ISSUED FOR COUNCIL REVIEW	21-06-19
A	ISSUED FOR COUNCIL REVIEW	09-05-19
Issue	Description	Date



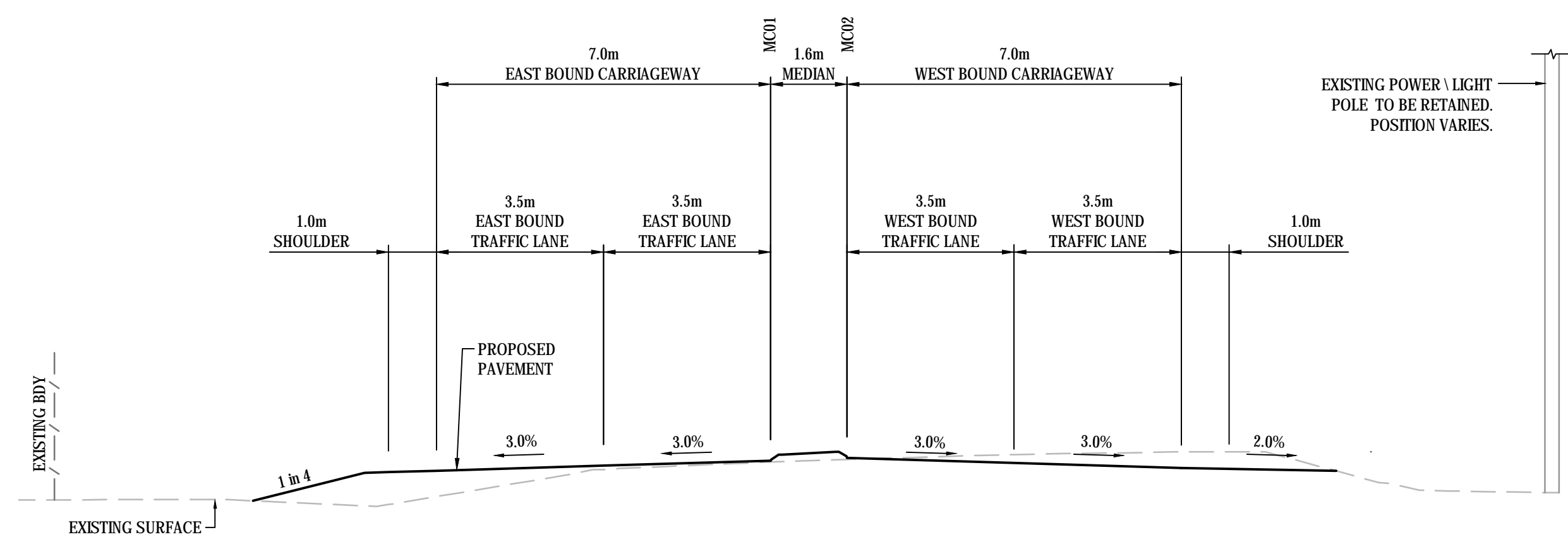
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Scales	1 : 5000	Drawn	ALS
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Grid	MGA	Checked	MM
Height Datum	AHD	Approved	PW

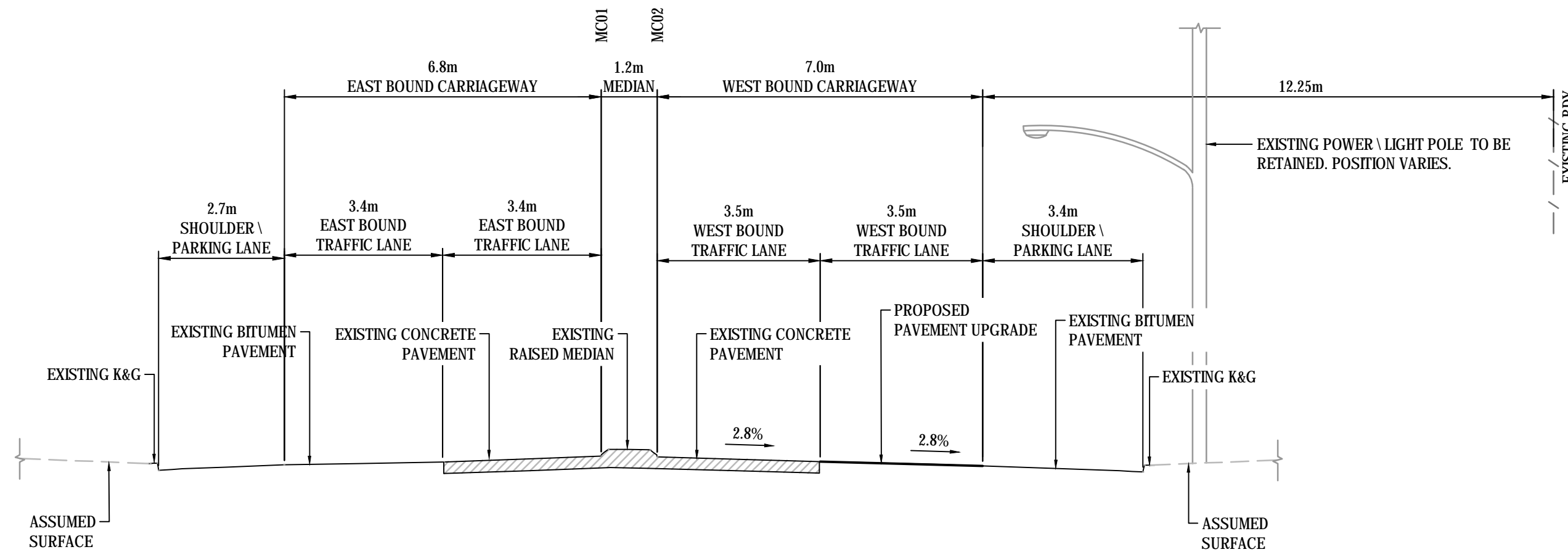
Project	LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA
Title	GENERAL ARRANGEMENT PLAN

Civil Engineers and Project Managers		
at&l		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	PRELIMINARY ONLY	A1
Project - Drawing No.	C003 18-573	Issue
		E



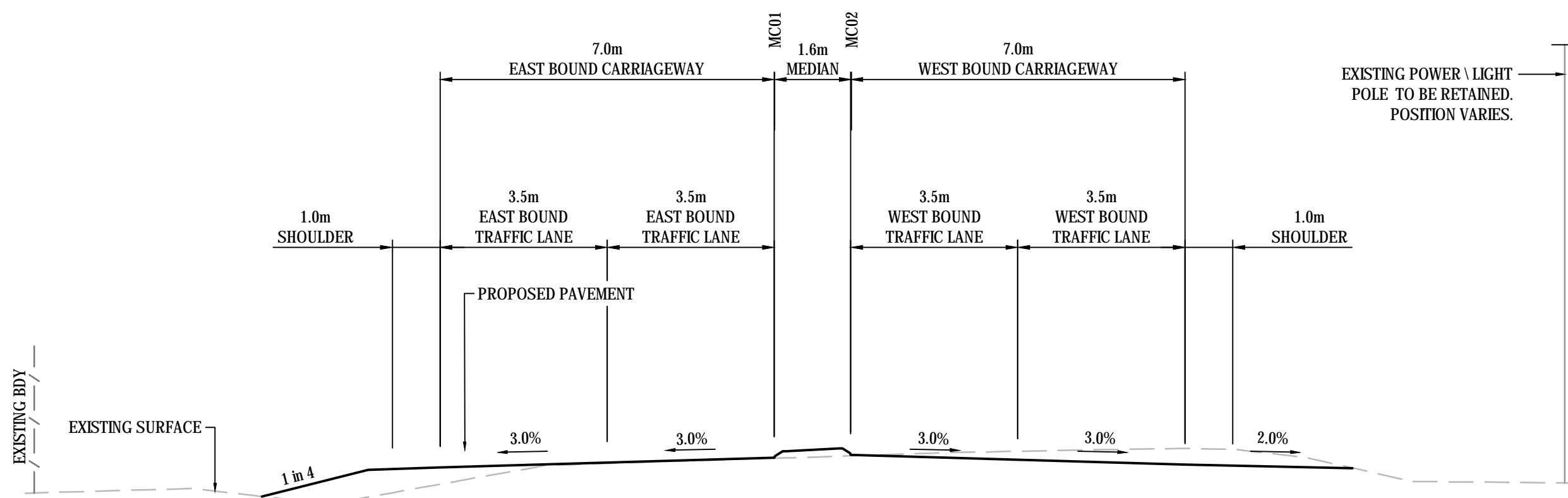
TYPICAL SECTION
RIVER ST (WEST OF SERVICE CENTRE ROUNDABOUT)
CH 170 (CONTROL MC01)

SECTION **2**
1 : 100



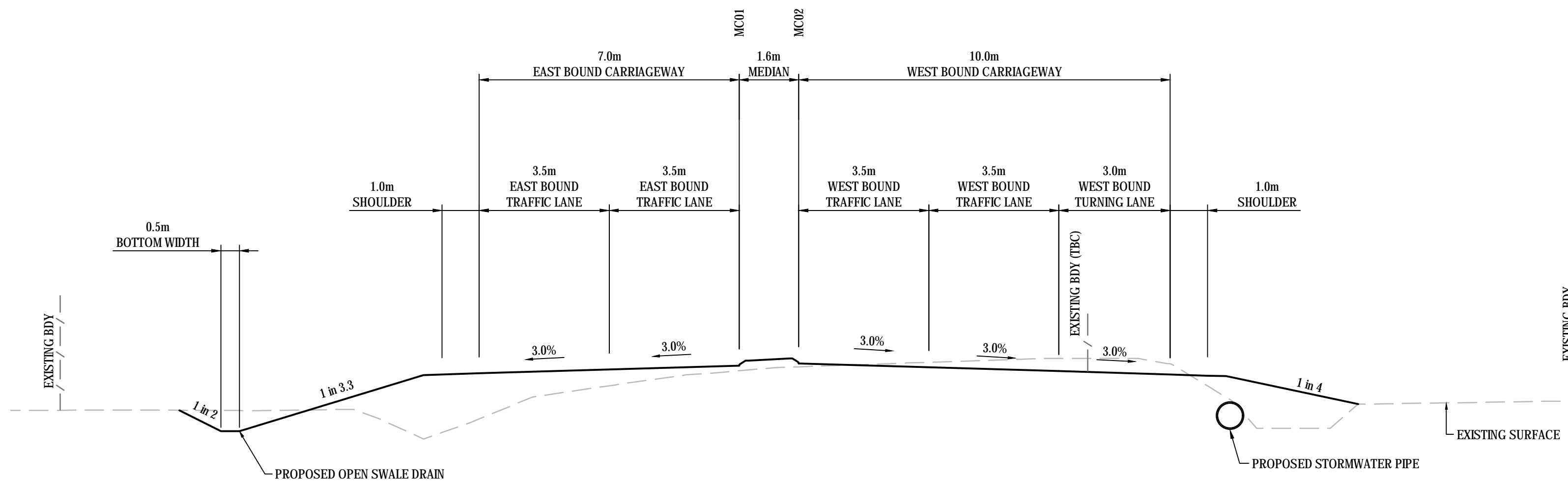
TYPICAL SECTION
RIVER ST (EAST OF RIVERBEND ROAD)
CH 960 (CONTROL MC01)

SECTION **4**
1 : 100



TYPICAL SECTION
RIVER ST (EAST OF SMITH DRIVE)
CH 100 (CONTROL MC01)

SECTION **1**
1 : 100



TYPICAL SECTION
RIVER ST (EAST OF EMIGRANT CREEK LANE)
CH 420 (CONTROL MC01)

SECTION **3**
1 : 100

NOTE: EXTENT OF EXISTING CONCRETE PAVEMENT APPROXIMATE ONLY. EXTENT HAS BEEN TAKEN FROM AERIAL PHOTOGRAPH.

Issue	Description	Date
E	ISSUED FOR COUNCIL REVIEW	15-10-19
D	ISSUED FOR COUNCIL REVIEW	27-09-19
C	ISSUED FOR COUNCIL REVIEW	02-07-19
B	ISSUED FOR COUNCIL REVIEW	21-06-19
A	ISSUED FOR COUNCIL REVIEW	09-05-19


Bar Scales
1 : 100 @ A1 1 : 200 @ A3

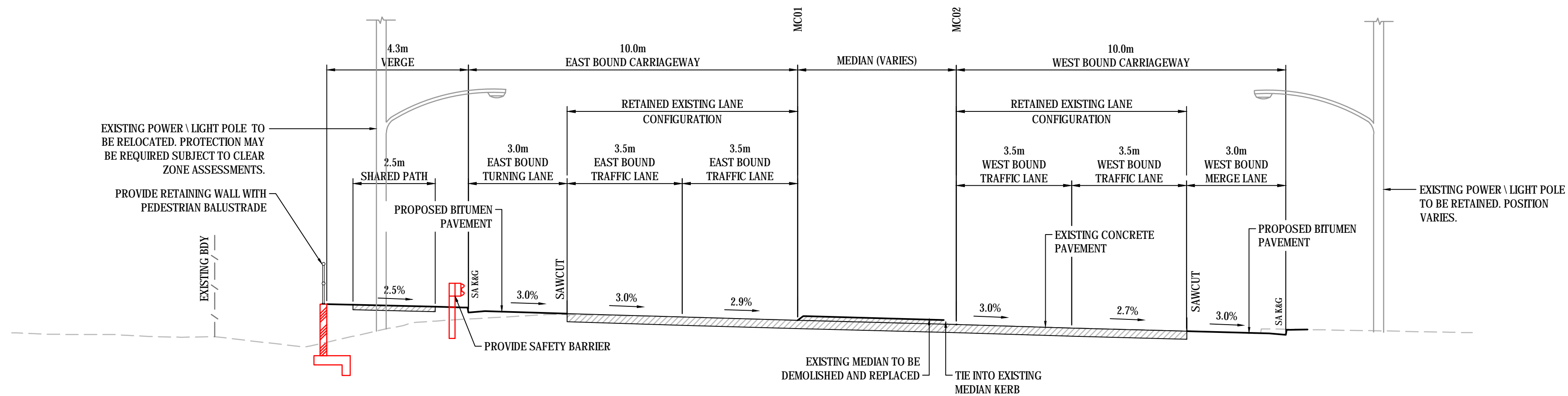
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Scales	Drawn	ALS
1 : 100	Designed	ALS
Grid	Checked	MM
MGA	Checked	MM
Height Datum	Approved	PW
AHD	Approved	PW

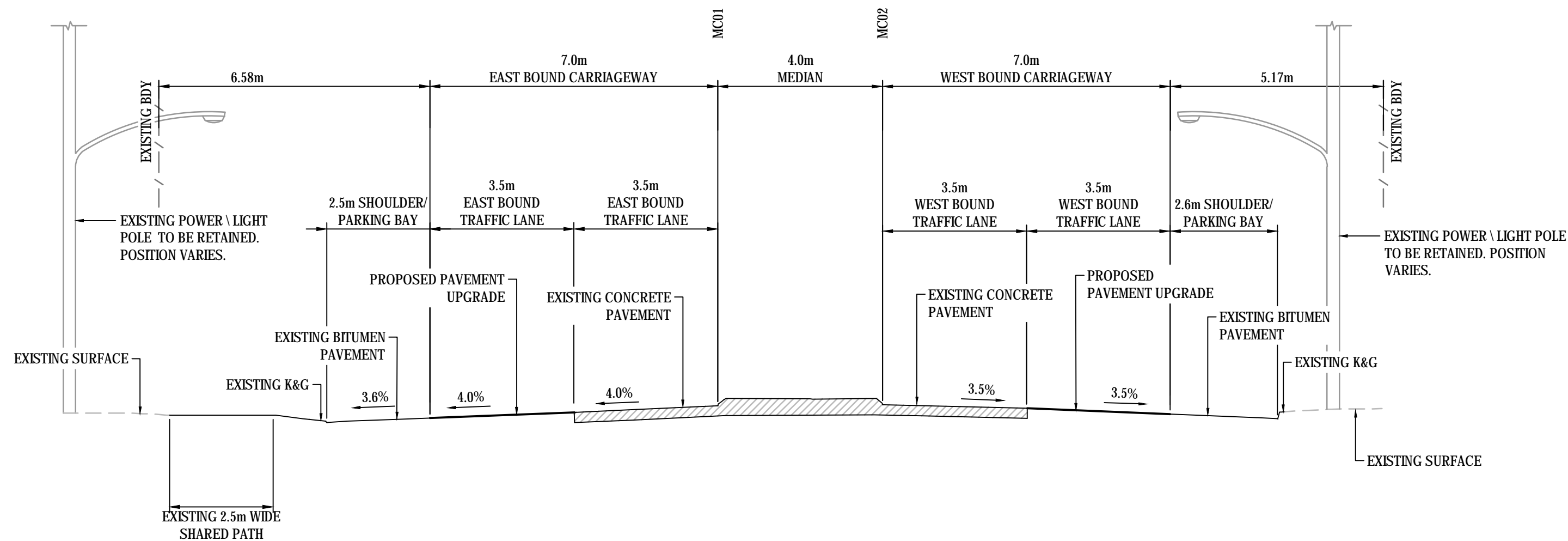
Project	LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA
Title	TYPICAL SECTIONS SHEET 1

Civil Engineers and Project Managers		
	Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
	Status	
	PRELIMINARY ONLY	
	A1	
	Project - Drawing No.	
C100	18-573	Issue
		E



TYPICAL SECTION
RIVER ST (EAST OF BARLOWS ROAD)
CH 2180 (CONTROL MC01)




SECTION 6
1 : 100

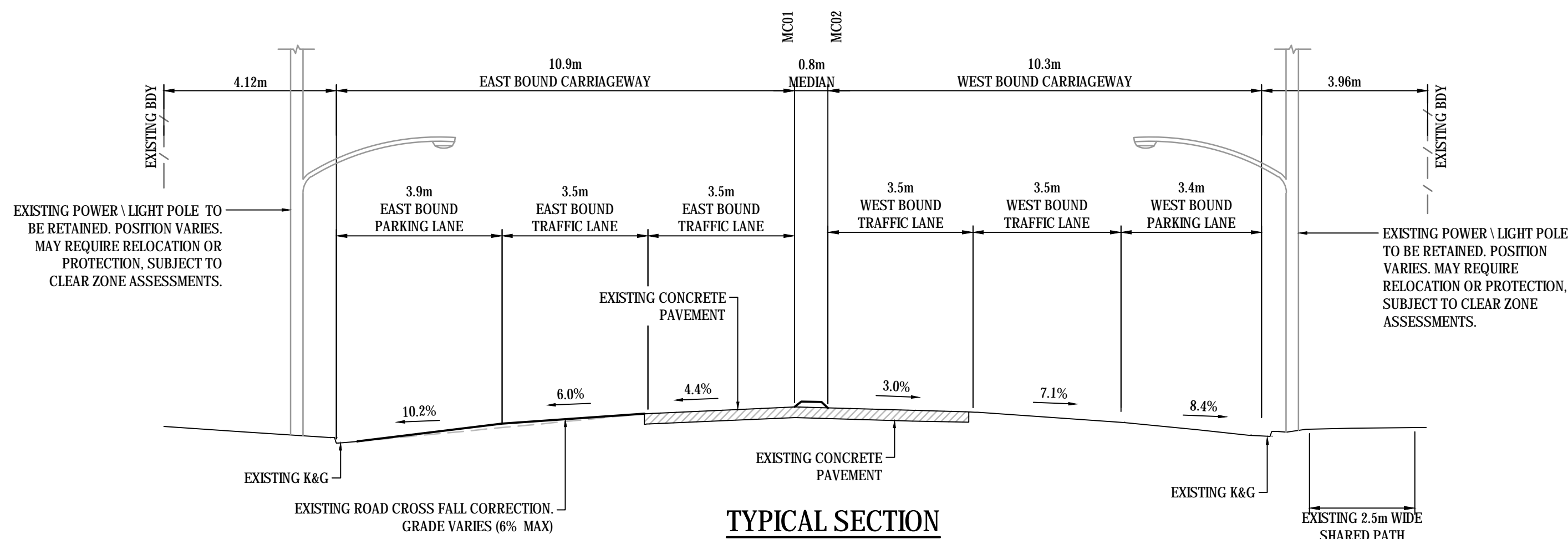


TYPICAL SECTION
RIVER ST (EAST OF SUNSET AVENUE)
CH 1580 (CONTROL MC01)

SECTION 5
1 : 100

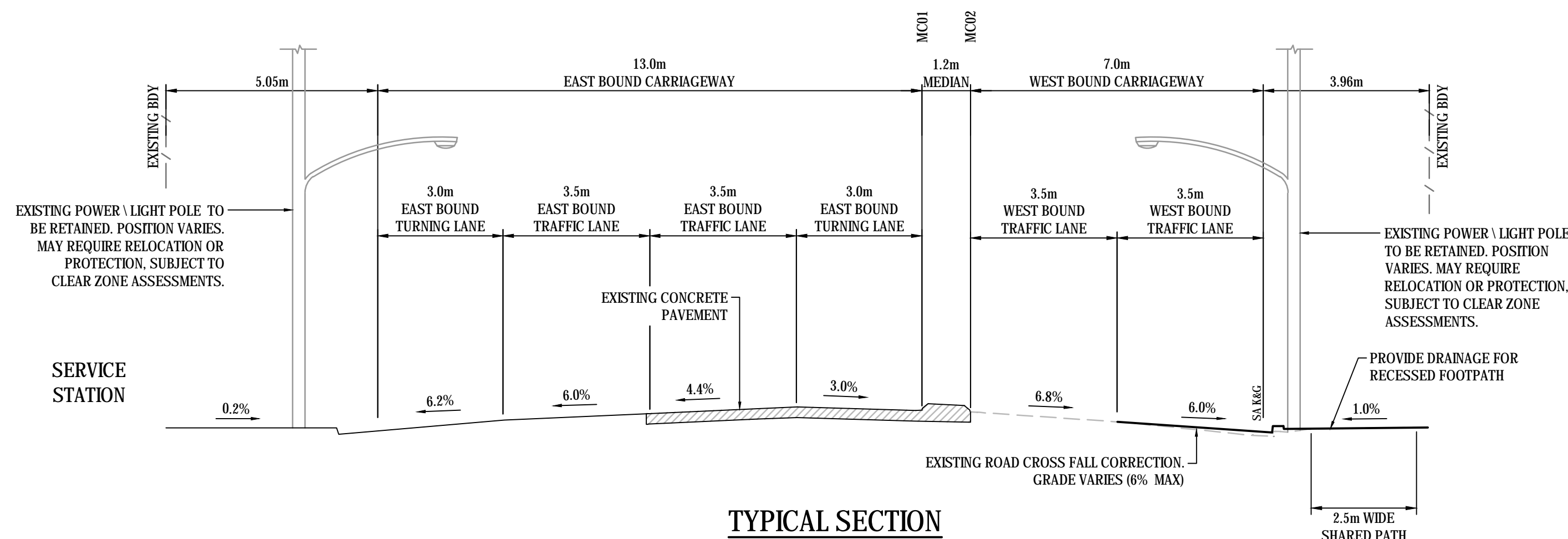
NOTE: EXTENT OF EXISTING CONCRETE PAVEMENT APPROXIMATE ONLY. EXTENT HAS BEEN TAKEN FROM AERIAL PHOTOGRAPH.

			Bar Scales		<p>THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L</p>	<p>Client</p> 	Scales		Drawn		Project		Civil Engineers and Project Managers							
			 1 : 100 @ A1 1 : 200 @ A3				1 : 100		ALS		LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA		 Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au							
							Grid MGA		Checked		MM		Title TYPICAL SECTIONS SHEET 2		Status PRELIMINARY ONLY		A1			
E			ISSUED FOR COUNCIL REVIEW				15-10-19		Height Datum AHD		Approved				PW		Project - Drawing No. C101 18-573		Issue E	
D			ISSUED FOR COUNCIL REVIEW				27-09-19													
C			ISSUED FOR COUNCIL REVIEW		02-07-19															
B			ISSUED FOR COUNCIL REVIEW		21-06-19															
A			ISSUED FOR COUNCIL REVIEW		09-05-19															
Issue			Description		Date															



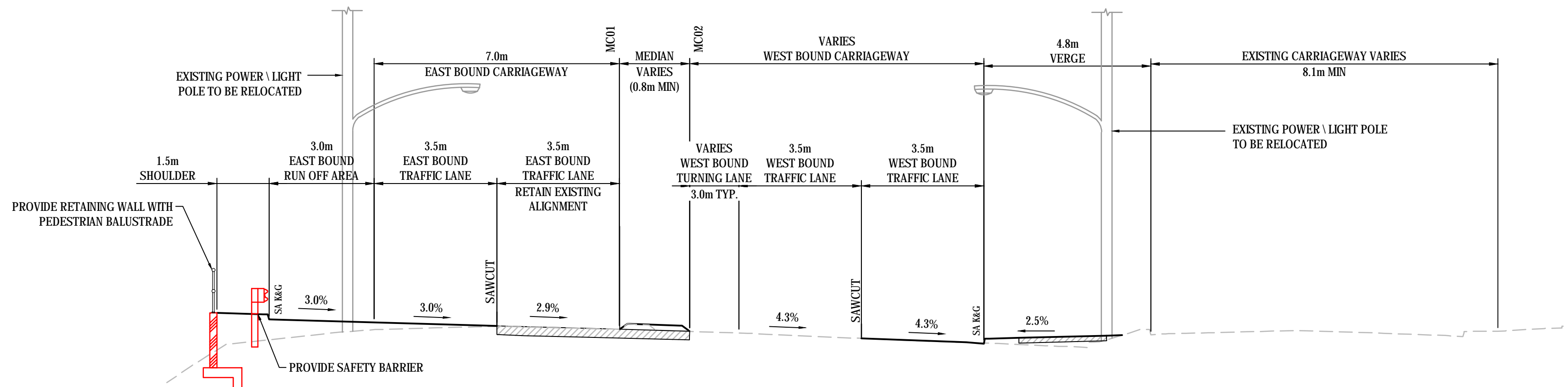
TYPICAL SECTION
RIVER ST (WEST OF BRUNSWICK STREET)
CH 3010 (CONTROL MC01)

SECTION 8
1 : 100



TYPICAL SECTION
RIVER ST (WEST OF BRUNSWICK STREET)
CH 3050 (CONTROL MC01)

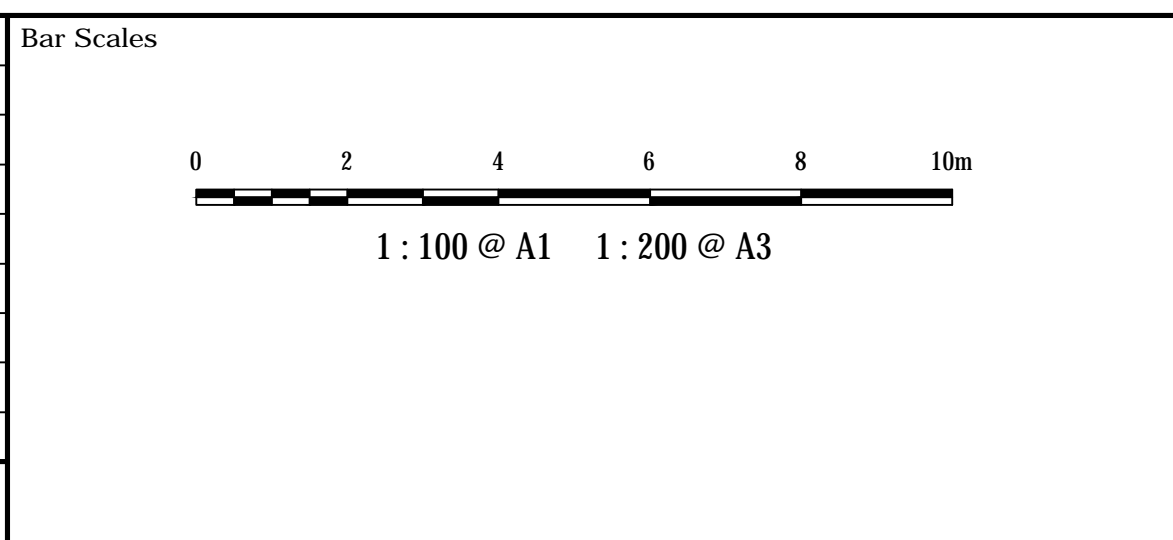
SECTION 9
1 : 100



TYPICAL SECTION
RIVER ST (EAST OF BRAMPTON AVENUE)
CH 2380 (CONTROL MC01)

SECTION 7
1 : 100

Issue	Description	Date
E	ISSUED FOR COUNCIL REVIEW	15-10-19
D	ISSUED FOR COUNCIL REVIEW	27-09-19
C	ISSUED FOR COUNCIL REVIEW	02-07-19
B	ISSUED FOR COUNCIL REVIEW	21-06-19
A	ISSUED FOR COUNCIL REVIEW	09-05-19



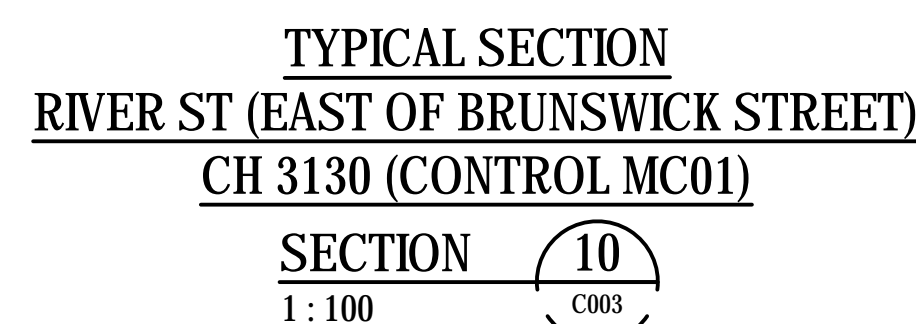
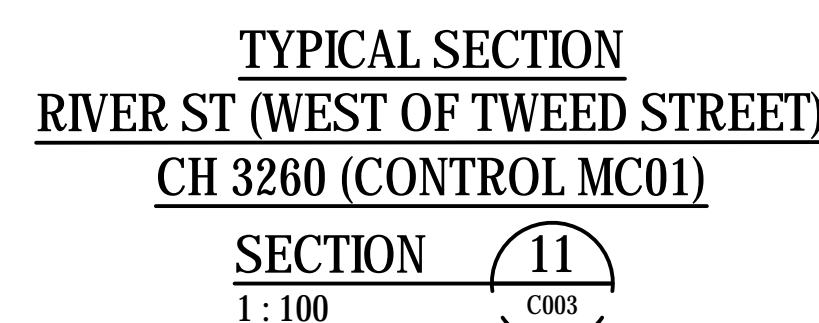
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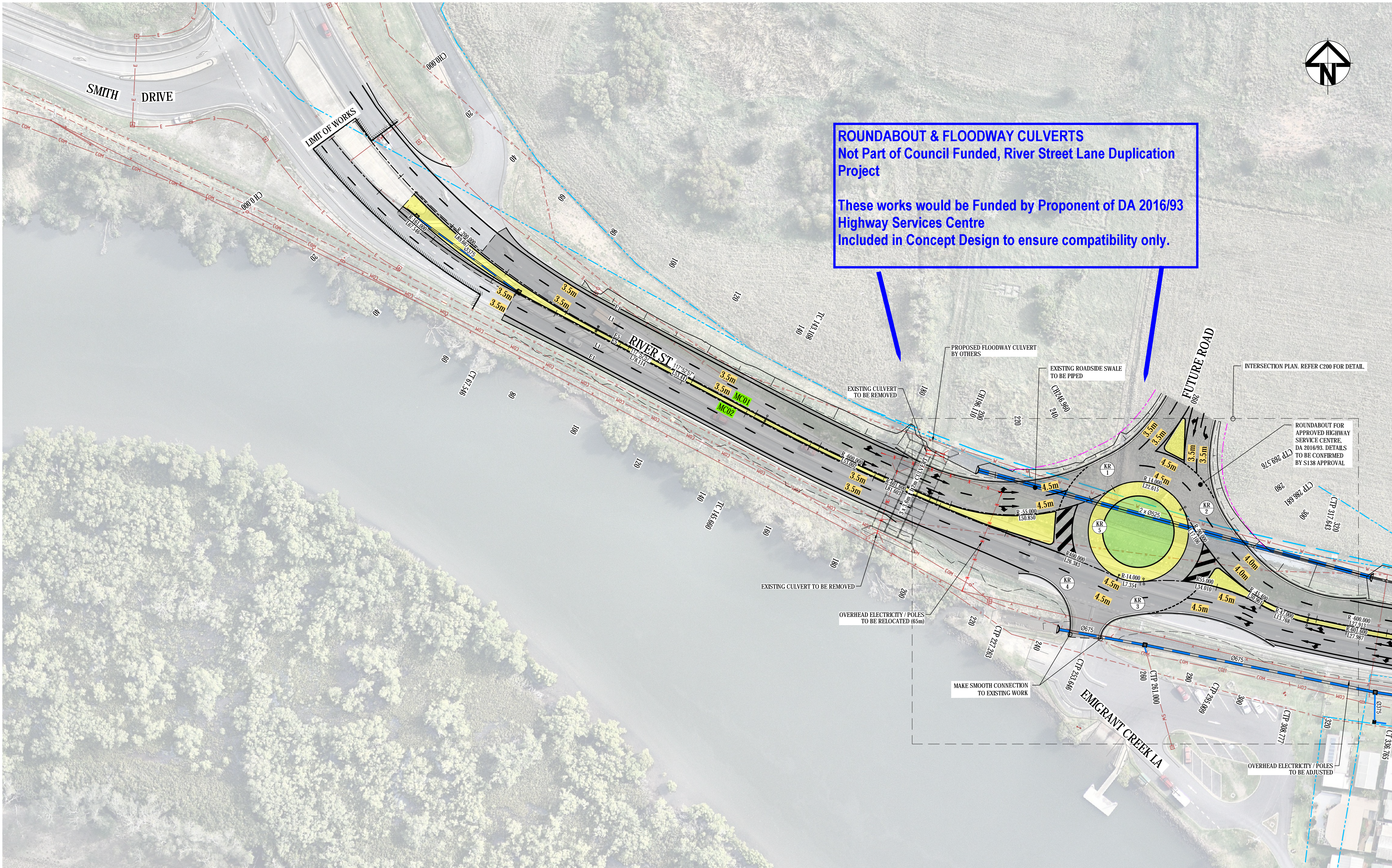
Scales	1 : 100	Drawn	ALS
		Designed	ALS
Grid	MGA	Checked	MM
Height Datum	AHD	Approved	PW

Project	LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA
Title	TYPICAL SECTIONS SHEET 3

Civil Engineers and Project Managers		
at&l		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	PRELIMINARY ONLY	A1
Project - Drawing No.	C102 18-573	Issue
		E



			Bar Scales	 1 : 100 @ A1 1 : 200 @ A3	<p>THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L</p>	Client	Scales	Drawn	ALS	Project LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA	Civil Engineers and Project Managers Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au				
			Grid				MGA	Checked	MM			Title TYPICAL SECTIONS SHEET 4	Status	PRELIMINARY ONLY	A1
E	ISSUED FOR COUNCIL REVIEW	15-10-19	Height Datum				AHD	Approved	PW				Project - Drawing No. C103 18-573	Issue E	
D	ISSUED FOR COUNCIL REVIEW	27-09-19													
C	ISSUED FOR COUNCIL REVIEW	02-07-19													
B	ISSUED FOR COUNCIL REVIEW	21-06-19													
A	ISSUED FOR COUNCIL REVIEW	09-05-19													
Issue	Description	Date													



ROUNDAABOUT & FLOODWAY CULVERTS
Not Part of Council Funded, River Street Lane Duplication Project

These works would be Funded by Proponent of DA 2016/93 Highway Services Centre
Included in Concept Design to ensure compatibility only.

ADJOINS DRG No C106

E	ISSUED FOR COUNCIL REVIEW	15-10-19
D	ISSUED FOR COUNCIL REVIEW	27-09-19
C	ISSUED FOR COUNCIL REVIEW	02-07-19
B	ISSUED FOR COUNCIL REVIEW	21-06-19
A	ISSUED FOR COUNCIL REVIEW	09-05-19
Issue	Description	Date

Bar Scales
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Client



Scales	1 : 500
Grid	MGA
Height Datum	AHD
Drawn	ALS
Designed	ALS
Checked	MM
Approved	PW


Project

LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA

Title

ROADWORKS PLAN SHEET 1

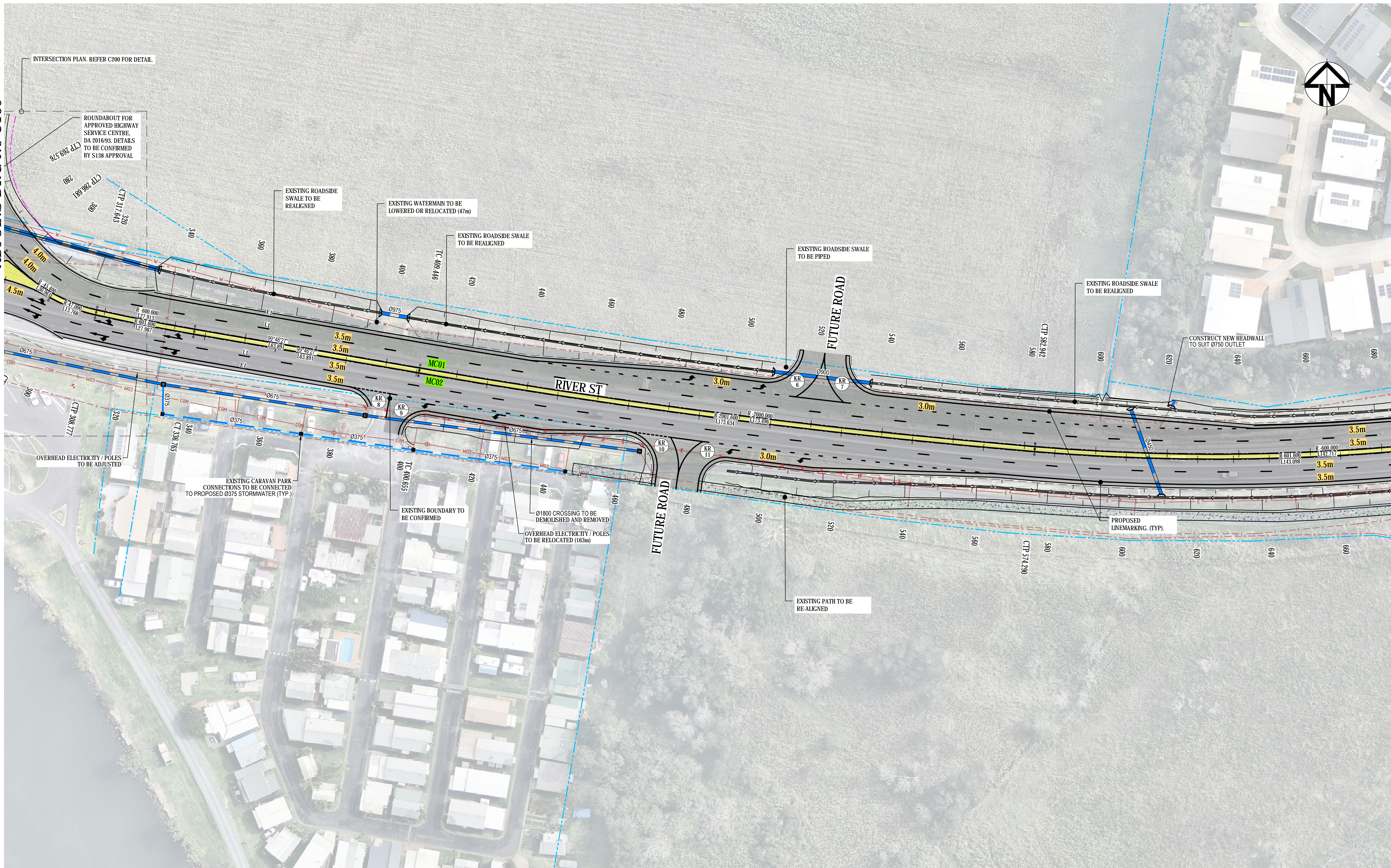
Civil Engineers and Project Managers



Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Status	PRELIMINARY ONLY	A1
Project - Drawing No.	C105 18-573	Issue
		E

ADJOINS DRG No C105



ADJOINS DRG No C107

Issue	Description	Date
E	ISSUED FOR COUNCIL REVIEW	15-10-19
D	ISSUED FOR COUNCIL REVIEW	27-09-19
C	ISSUED FOR COUNCIL REVIEW	02-07-19
B	ISSUED FOR COUNCIL REVIEW	21-06-19
A	ISSUED FOR COUNCIL REVIEW	09-05-19

Bar Scales	
1 : 500 @ A1 1 : 1000 @ A3	

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Client



Scales	1 : 500	Drawn	ALS
		Designed	ALS
	Grid MGA	Checked	MM
	Height Datum AHD	Approved	PW


Project

LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA

Title

ROADWORKS PLAN SHEET 2

Civil Engineers and Project Managers

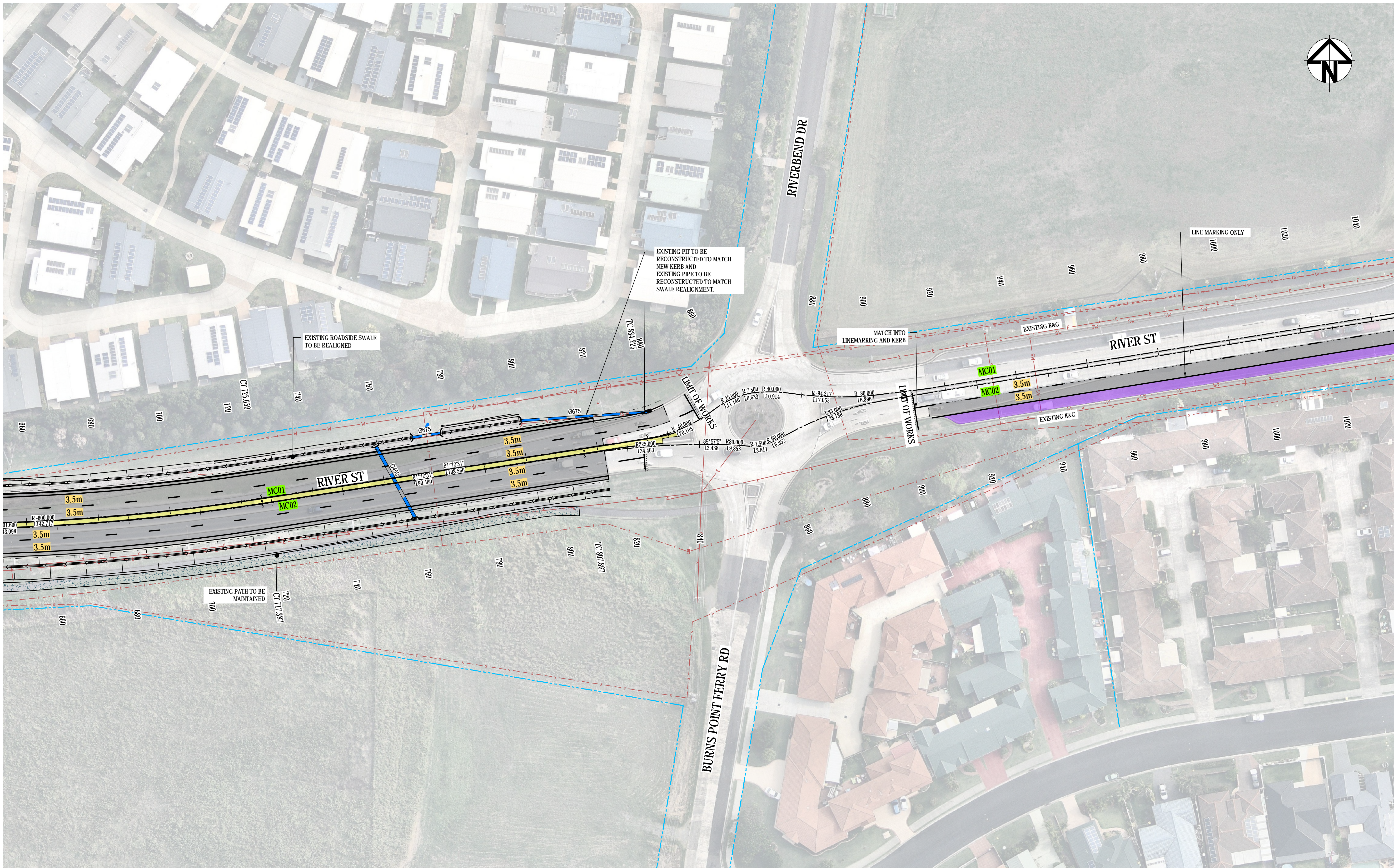


Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

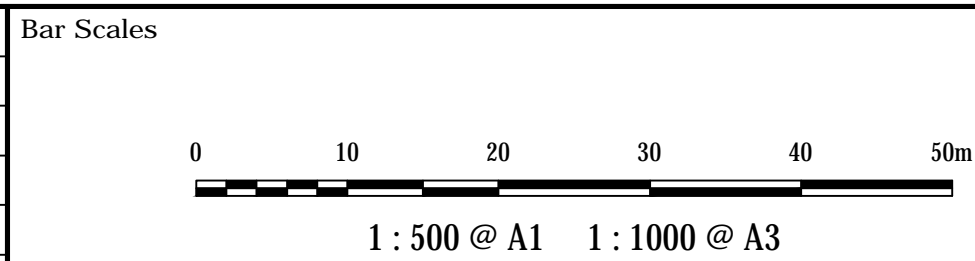
Status	PRELIMINARY ONLY	Issue	A1
Project - Drawing No.	C106 18-573	Issue	E

ADJOINS DRG No C106

ADJOINS DRG No C108



Issue	Description	Date
F	ISSUED FOR COUNCIL REVIEW	16-10-19
E	ISSUED FOR COUNCIL REVIEW	15-10-19
D	ISSUED FOR COUNCIL REVIEW	27-09-19
C	ISSUED FOR COUNCIL REVIEW	02-07-19
B	ISSUED FOR COUNCIL REVIEW	21-06-19
A	ISSUED FOR COUNCIL REVIEW	09-05-19



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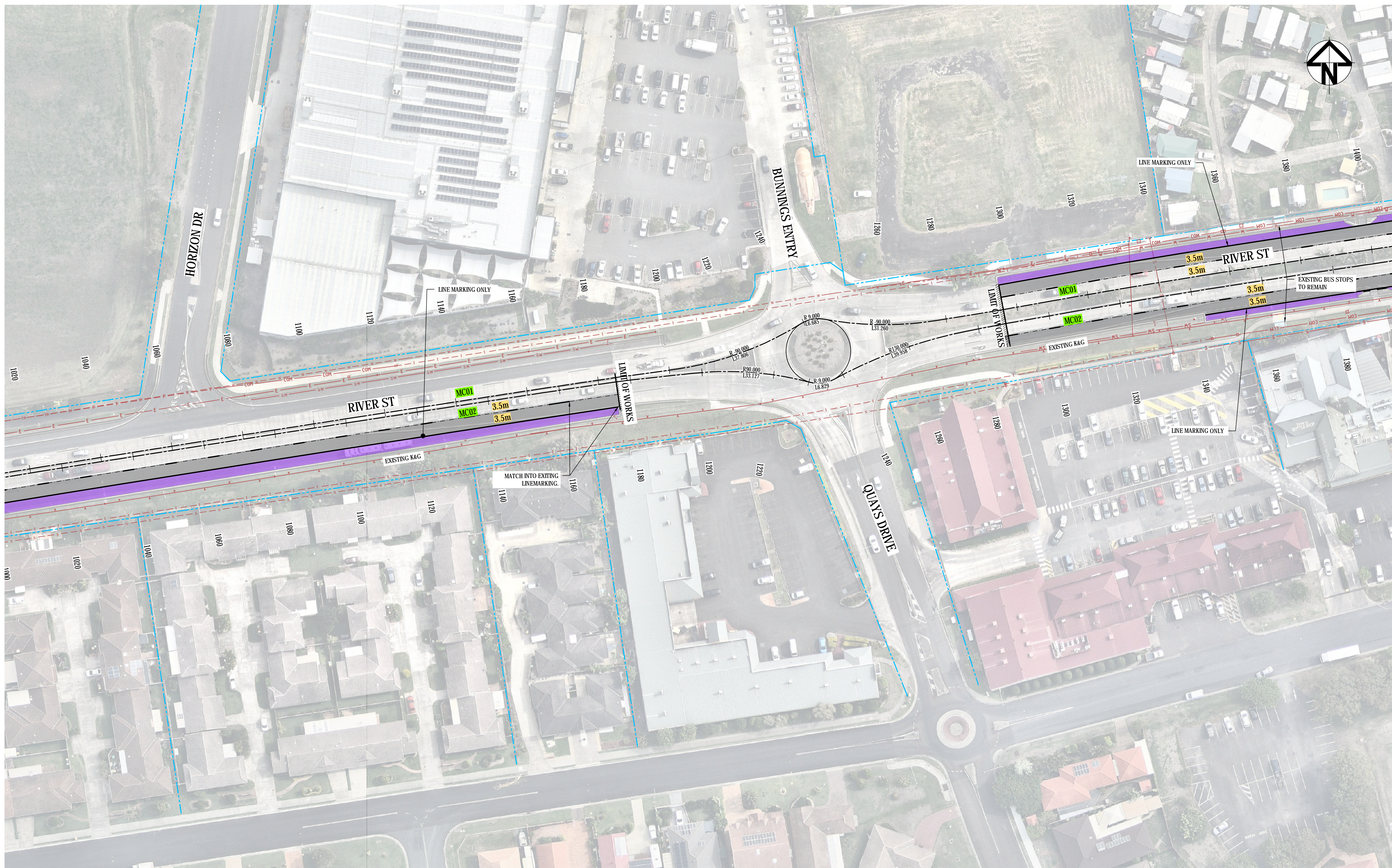
Scales	1 : 500	Drawn	ALS
Grid	MGA	Designed	ALS
Height Datum	AHD	Checked	MM
		Approved	PW

Project	LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA
Title	ROADWORKS PLAN SHEET 3

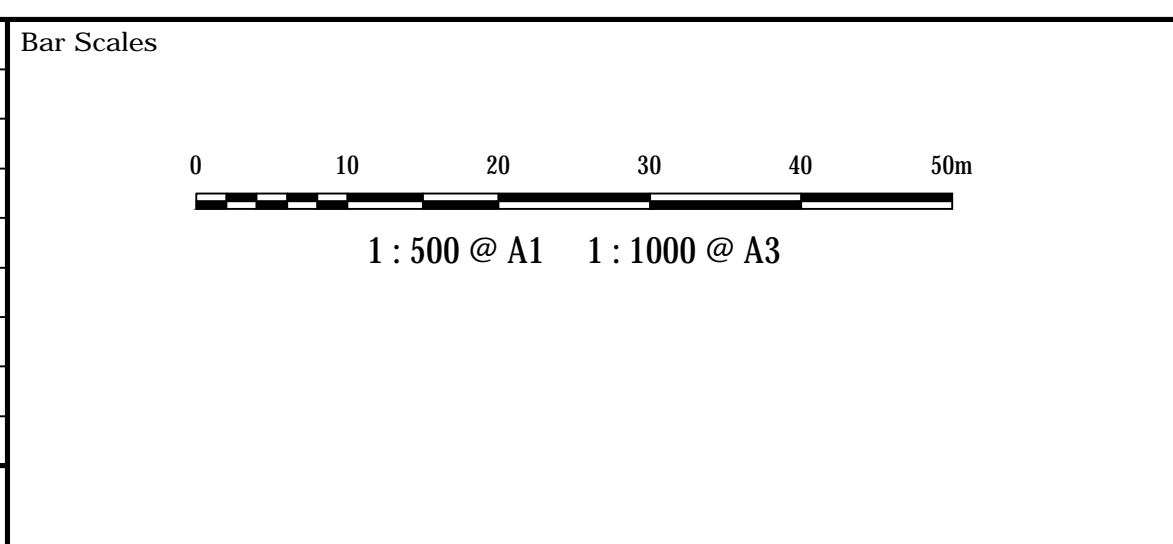
Civil Engineers and Project Managers	
at&l Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
Status	PRELIMINARY ONLY
Project - Drawing No.	C107 18-573
Issue	F

ADJOINS DRG No C107

ADJOINS DRG No C109



F	ISSUED FOR COUNCIL REVIEW	16-10-19
E	ISSUED FOR COUNCIL REVIEW	15-10-19
D	ISSUED FOR COUNCIL REVIEW	27-09-19
C	ISSUED FOR COUNCIL REVIEW	02-07-19
B	ISSUED FOR COUNCIL REVIEW	21-06-19
A	ISSUED FOR COUNCIL REVIEW	09-05-19
Issue	Description	Date




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PERMISSION OF AT&L

Client

The logo for Ballina Shire Council features a stylized seahorse above the word "ballina" in a bold, lowercase, sans-serif font. Below "ballina" is the text "shire council" in a smaller, lowercase, sans-serif font. The seahorse is colored in shades of blue and green, and the text is in blue and green.

Scales 1 : 500	Drawn	ALS	
	Designed	ALS	
Grid	MGA	Checked	MM
Height Datum	AHD	Approved	PW

Project	LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA
Title	ROADWORKS PLAN SHEET 4



Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

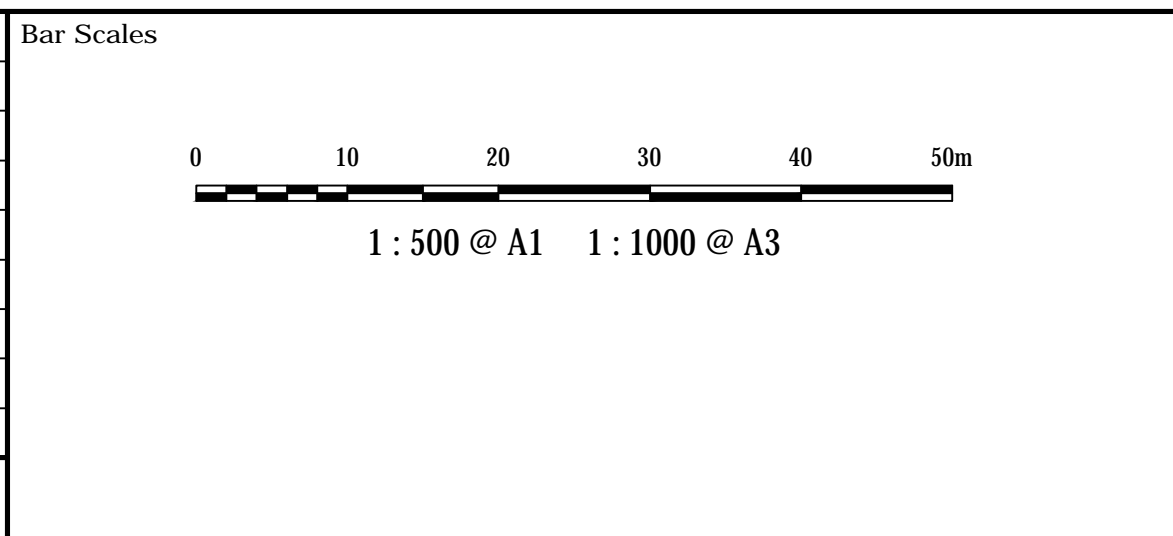
Status PRELIMINARY ONLY	A1
Project - Drawing No. <div style="display: flex; justify-content: space-around; font-size: 24px; font-weight: bold;"> C108 18-573 </div>	Issue <div style="font-size: 36px; font-weight: bold;">F</div>



ADJOINS DRG No C109

ADJOINS DRG No C111

Issue	Description	Date
F	ISSUED FOR COUNCIL REVIEW	16-10-19
E	ISSUED FOR COUNCIL REVIEW	15-10-19
D	ISSUED FOR COUNCIL REVIEW	27-09-19
C	ISSUED FOR COUNCIL REVIEW	02-07-19
B	ISSUED FOR COUNCIL REVIEW	21-06-19
A	ISSUED FOR COUNCIL REVIEW	09-05-19



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Client



Scale	1 : 500	Drawn	ALS
Grid	MGA	Designed	ALS
Height Datum	AHD	Checked	MM
		Approved	PW


Project

LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA

Title

ROADWORKS PLAN SHEET 6

Civil Engineers and Project Managers



Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Status	PRELIMINARY ONLY	A1
Project - Drawing No.	C110 18-573	Issue
		F

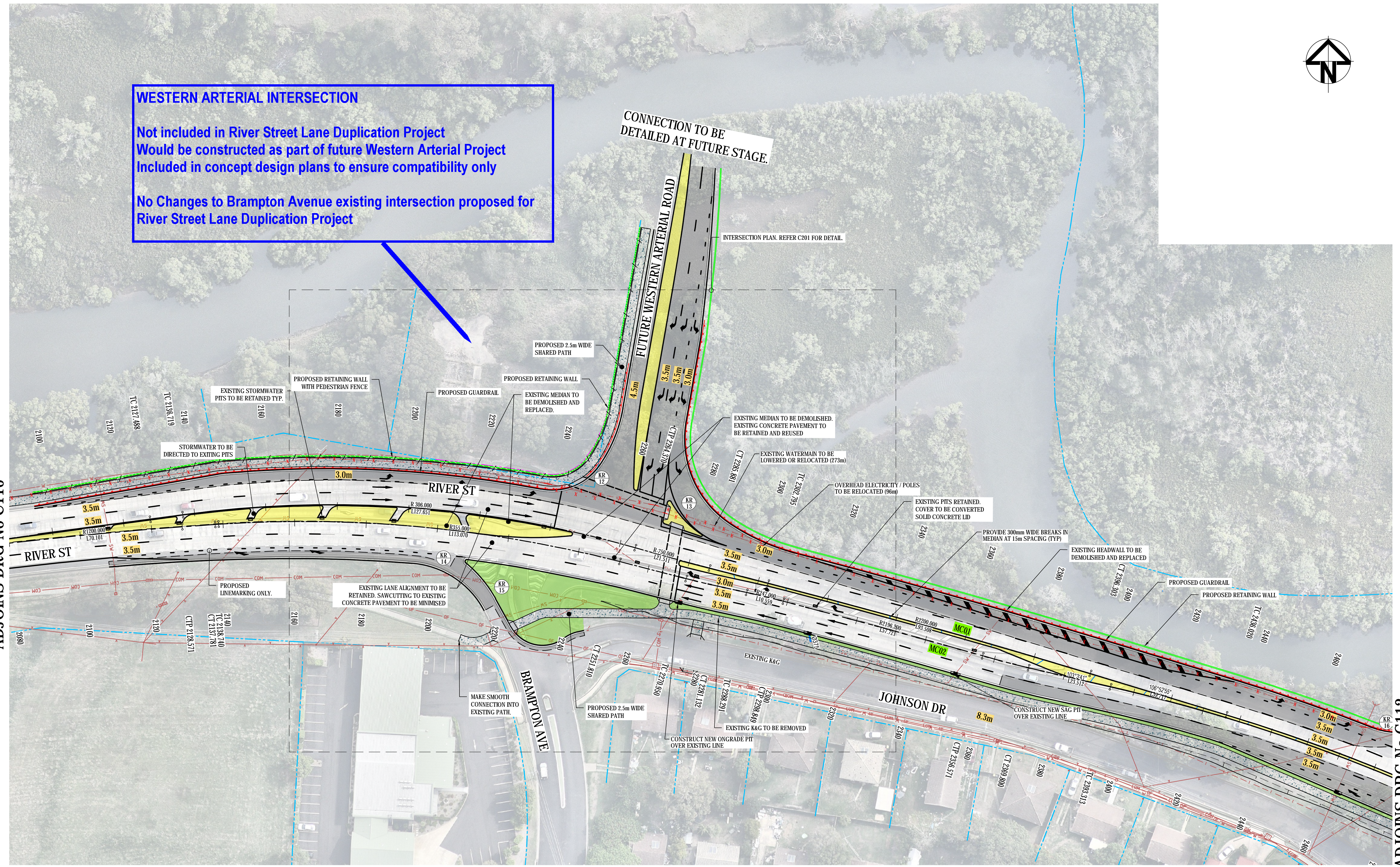
ADJOINS DRG No C110

ADJOINS DRG No C112

WESTERN ARTERIAL INTERSECTION

Not included in River Street Lane Duplication Project
Would be constructed as part of future Western Arterial Project
Included in concept design plans to ensure compatibility only

No Changes to Brampton Avenue existing intersection proposed for River Street Lane Duplication Project



Issue	Description	Date
E	ISSUED FOR COUNCIL REVIEW	15-10-19
D	ISSUED FOR COUNCIL REVIEW	27-09-19
C	ISSUED FOR COUNCIL REVIEW	02-07-19
B	ISSUED FOR COUNCIL REVIEW	21-06-19
A	ISSUED FOR COUNCIL REVIEW	09-05-19

Bar Scales
0 10 20 30 40 50m
1 : 500 @ A1 1 : 1000 @ A3


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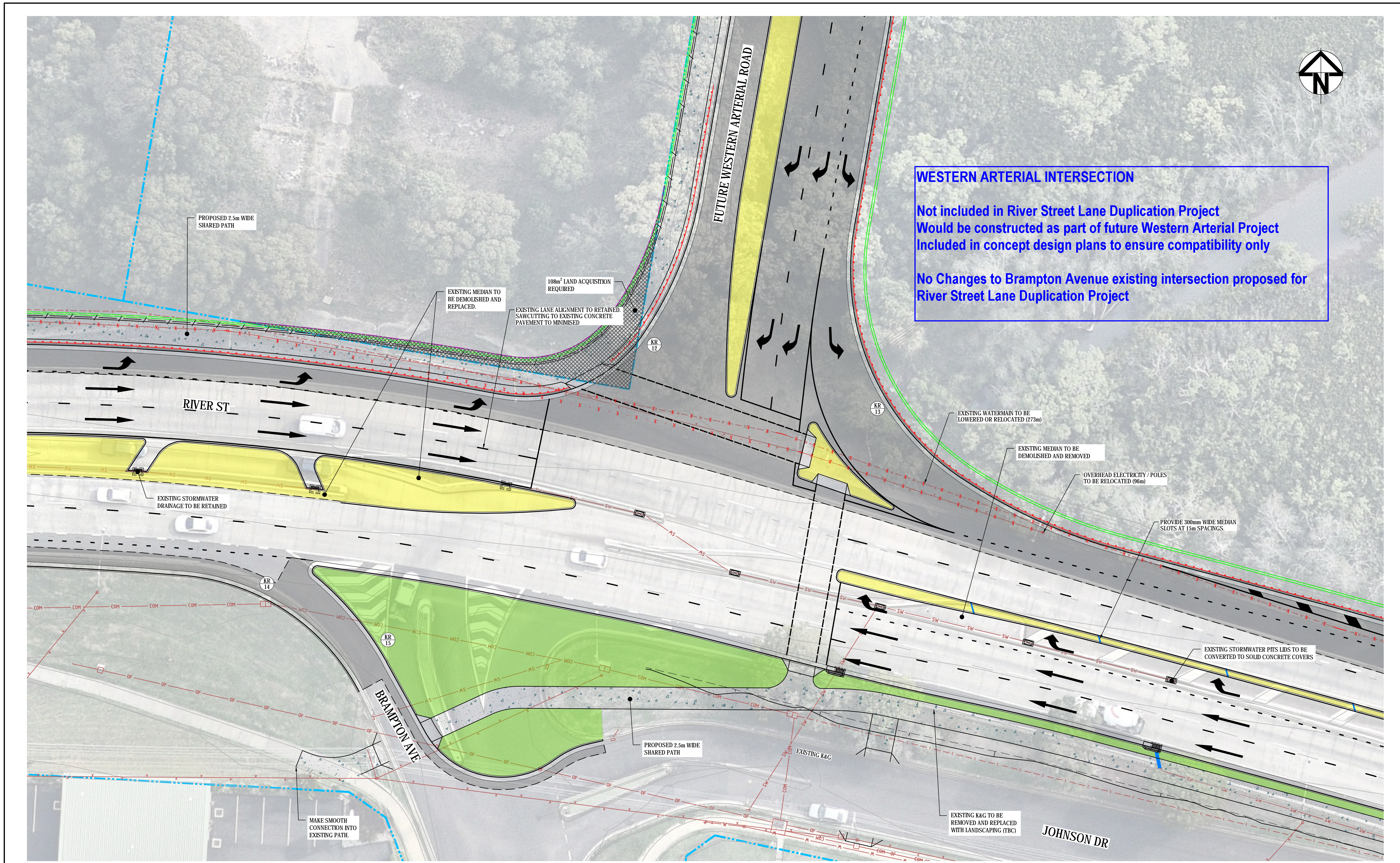
Client



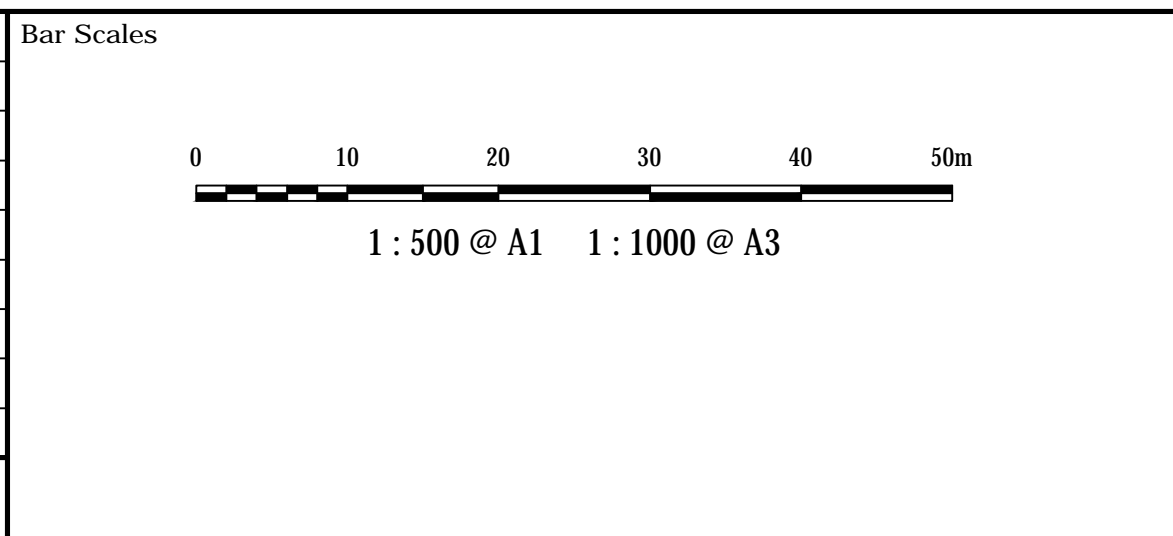
Scales	1 : 500
Grid	MGA
Height Datum	AHD
Drawn	ALS
Designed	ALS
Checked	MM
Approved	PW

Project	LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA
Title	ROADWORKS PLAN SHEET 7

Civil Engineers and Project Managers		
		Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au
Status	PRELIMINARY ONLY	A1
Project - Drawing No.	C111 18-573	Issue E



C	ISSUED FOR COUNCIL REVIEW	15-10-19
B	ISSUED FOR COUNCIL REVIEW	27-09-19
A	ISSUED FOR COUNCIL REVIEW	02-07-19
Issue	Description	Date



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Client



Scales	1 : 200	Drawn	ALS
Grid	MGA	Designed	ALS
Height Datum	AHD	Checked	MM
		Approved	PW


Project

LANE DUPLICATION AND INTERSECTION UPGRADE FOR RIVER ST, BALLINA

Title

INTERSECTION LAYOUT PLAN SHEET 2

Civil Engineers and Project Managers



Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Status	PRELIMINARY ONLY	A1
Project - Drawing No.	C201 18-573	Issue
		C