

# 2 MACPHERSON STREET, WARRIEWOOD

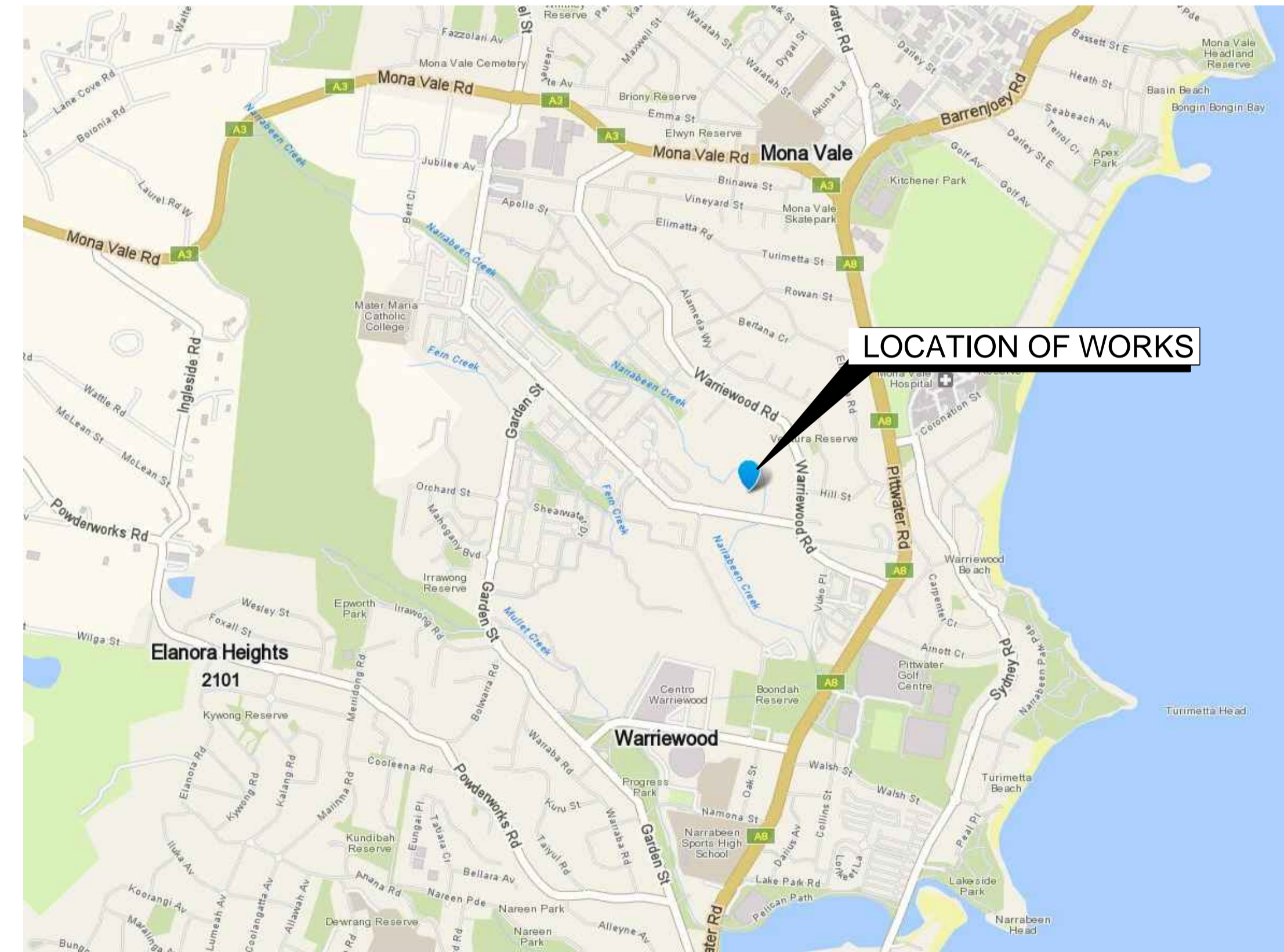
## SUBDIVISION

### 000-SERIES

## CIVIL WORKS PACKAGE

#### DRAWING LIST

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C002	GENERAL NOTES
C005	GENERAL ARRANGEMENT PLAN
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C007	TYPICAL SECTIONS SHEET 2 OF 2
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C011	SITWORKS AND STORMWATER PLAN SHEET 2
C020	SITWORKS DETAILS
C030	PAVEMENT PLAN
C050	MC01 CROSS SECTIONS SHEET 1
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C054	MC01 CROSS SECTIONS SHEET 5
C055	MC01 CROSS SECTIONS SHEET 6
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C070	SERVICES AND UTILITIES COORDINATION PLAN
C080	SEDIMENTATION AND EROSION CONTROL PLAN
C081	SEDIMENTATION AND EROSION CONTROL DETAILS
C082	SEDIMENTATION AND EROSION CONTROL CALCULATIONS
C090	INTERNAL STORMWATER CATCHMENT PLAN



LOCALITY PLAN  
N.T.S

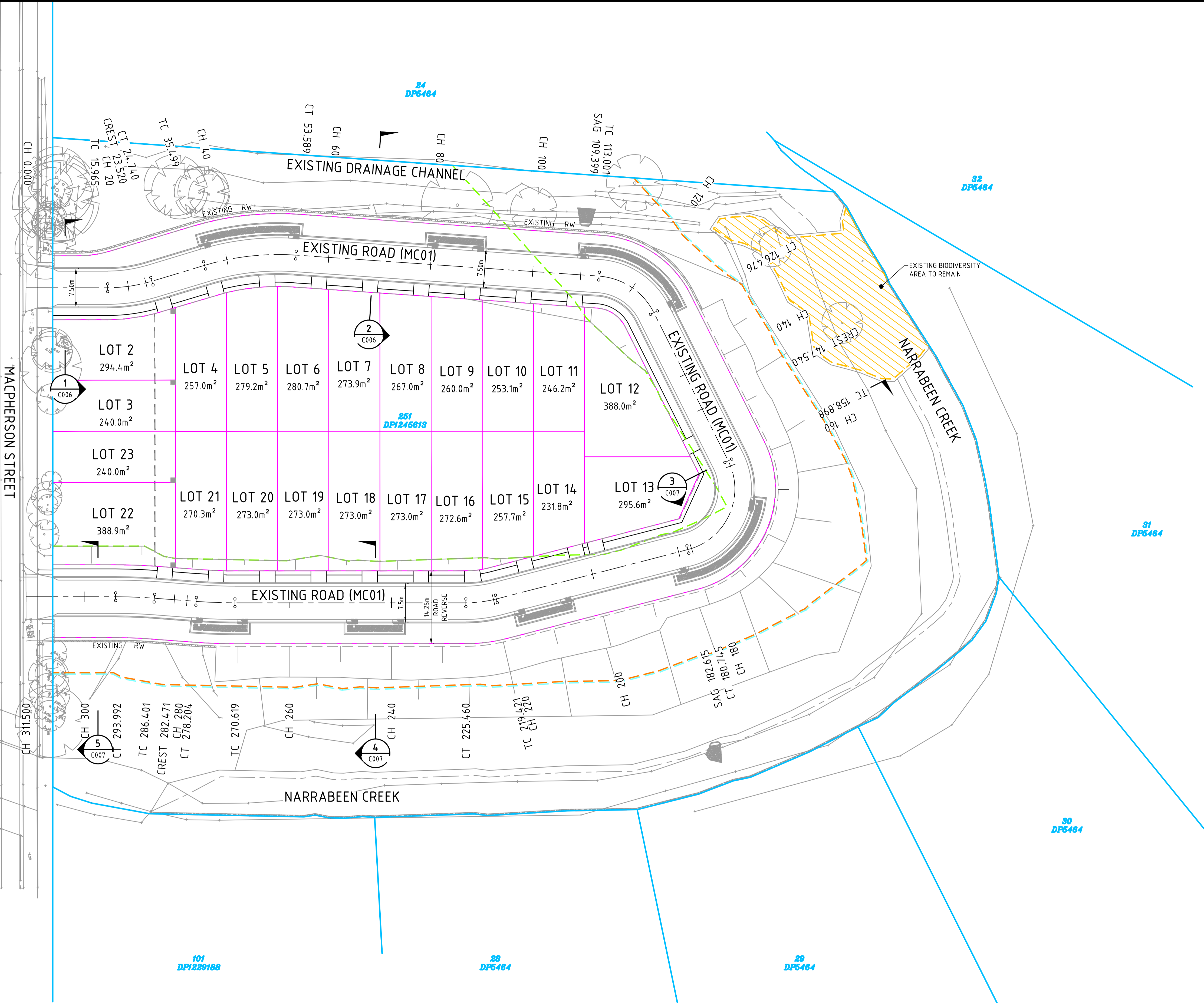
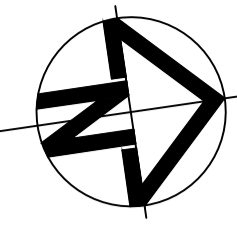
NOTE:  
EXTENT OF WORKS IN THIS DRAWING PACKAGE IS  
BASED OF DA N03981

		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&amp;L</p>	<p>Client <b>KARIMBLA</b> CONSTRUCTION SERVICES (NSW) PTY LIMITED Level 11, 528 Kent Street, Sydney NSW 2000 Tel: (02) 9287 2888 Fax: (02) 9287 2777 Email: info@design.meriton.com.au Internet: http://www.meriton.com.au</p>	<p>Scales NTS</p>	<p>Drawn GJ</p>	<p>Project <b>2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE</b></p>	Civil Engineers and Project Managers			
						<p>Grid MGA</p>	<p>Designed GJ</p>		<p>Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9460 8413 www.atl.net.au info@atl.net.au</p>			
						<p>Height Datum AHD</p>	<p>Checked AT</p>					
										<p>Title <b>COVER SHEET AND LOCALITY PLAN</b></p>	<p>Status <b>FOR APPROVAL</b></p>	
										<p>NOT TO BE USED FOR CONSTRUCTION</p>		A1
Issue	Description	Date					<p>Drawing No. <b>C001</b></p>	<p>Project No. <b>18-580</b></p>		<p>Issue <b>C</b></p>		









### GENERAL ARRANGEMENT LEGEND

**EXISTING**

- EXISTING BOUNDARY
- EXISTING CONTOUR
- EXISTING 20m ASSET PROTECTION ZONE
- EXISTING TREE
- EXISTING CREEK CENTERLINE
- EXISTING 25m RIPARIAN CORRIDOR
- EXISTING 25m PRIVATE BUFFER

**WORKS INSTALLED AS PART OF DA N03981**

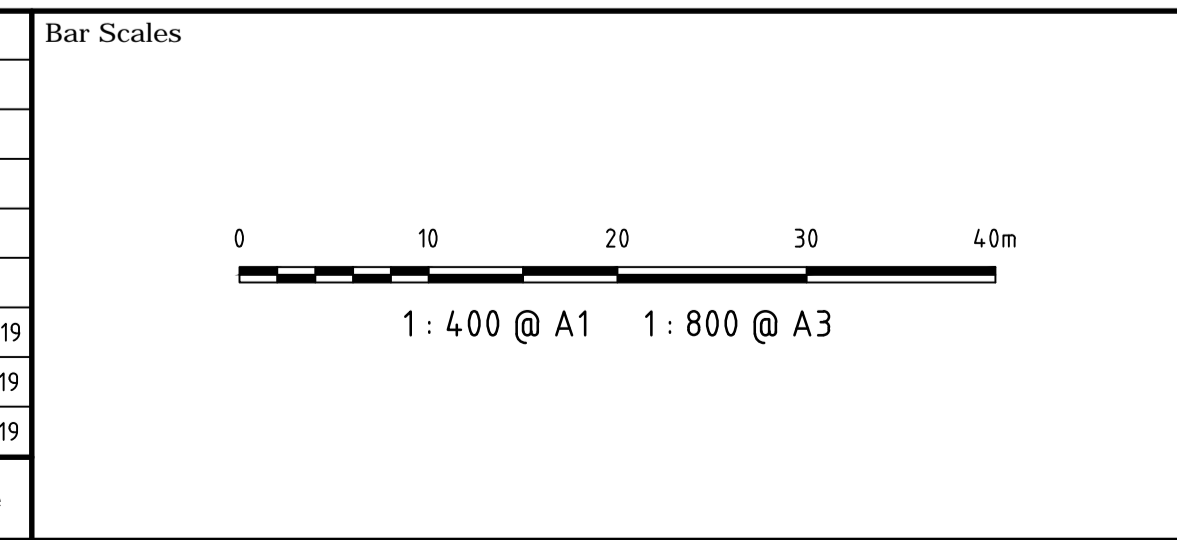
- EXISTING BIODIVERSITY EXTENTS
- EXISTING KERB & GUTTER
- EXISTING ROLL TOP KERB AND GUTTER
- EXISTING BATTER
- EXISTING ROCK RETAINING WALL
- EXISTING RETAINING WALL
- EXISTING STORMWATER PIPE (SHOWING SIZE)
- EXISTING STORMWATER KERB INLET PIT
- EXISTING STORMWATER SURFACE INLET PIT
- EXISTING STORMWATER RAINGARDEN
- EXISTING STORMWATER PIT NUMBER

**PROPOSED**

- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED DRIVEWAY. LOCATIONS SHOWN ARE INDICATIVE ONLY AND ARE SUBJECT TO FUTURE APPROVAL

- ### NOTES
- ROADWORKS, EARTHWORKS, STORMWATER AND CREEK WORKS N03981 TO FORM PART OF THE EARLY WORKS PACKAGE. REFER TO THE EARLY WORKS PACKAGE FOR DETAILS.
  - REFER DRAWING C020 FOR CIVIL DETAILS.

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Scales	1 : 400 @ A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project

**2 MACPHERSON STREET  
WARRIEWOOD  
SUBDIVISION  
PACKAGE**

Title

**GENERAL ARRANGEMENT  
PLAN**

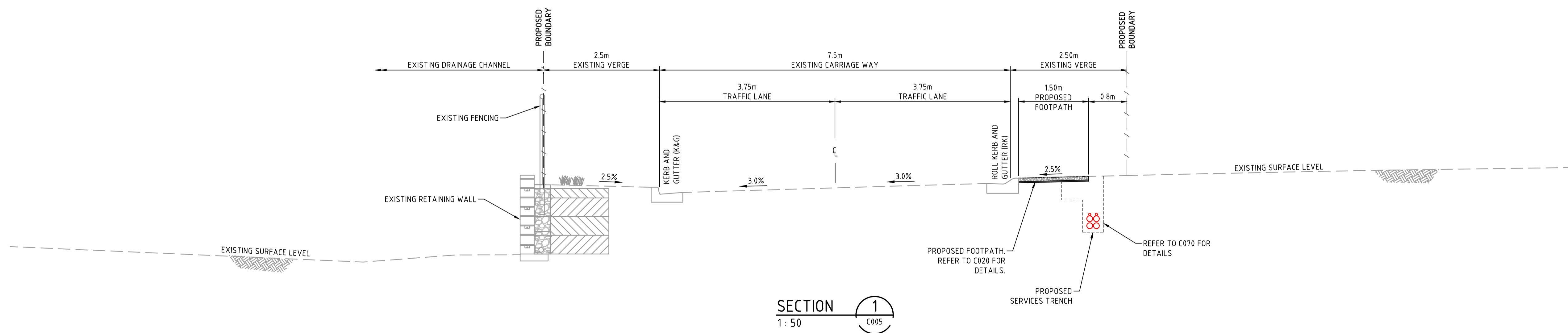
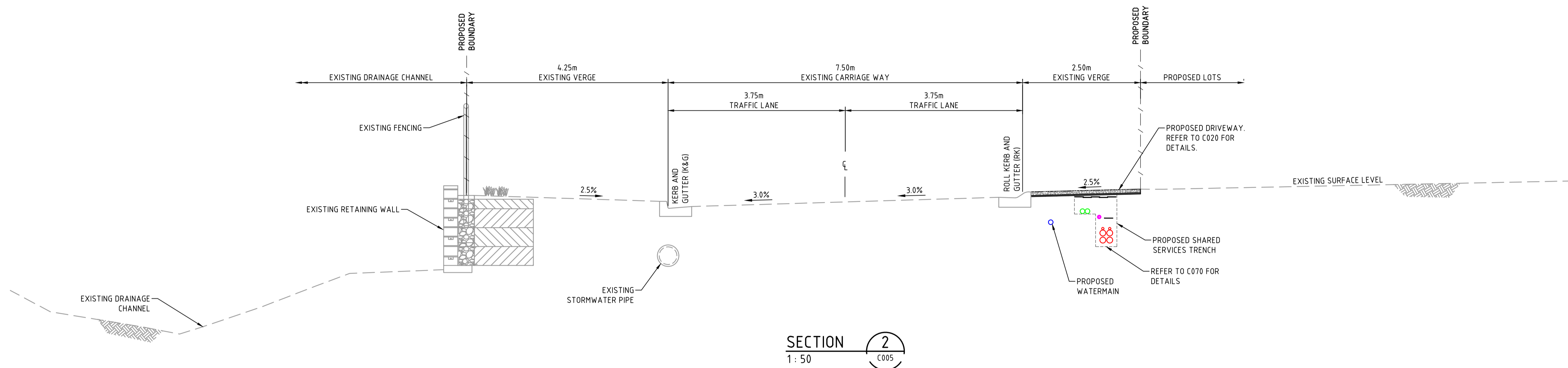
Civil Engineers and Project Managers

**at&l**

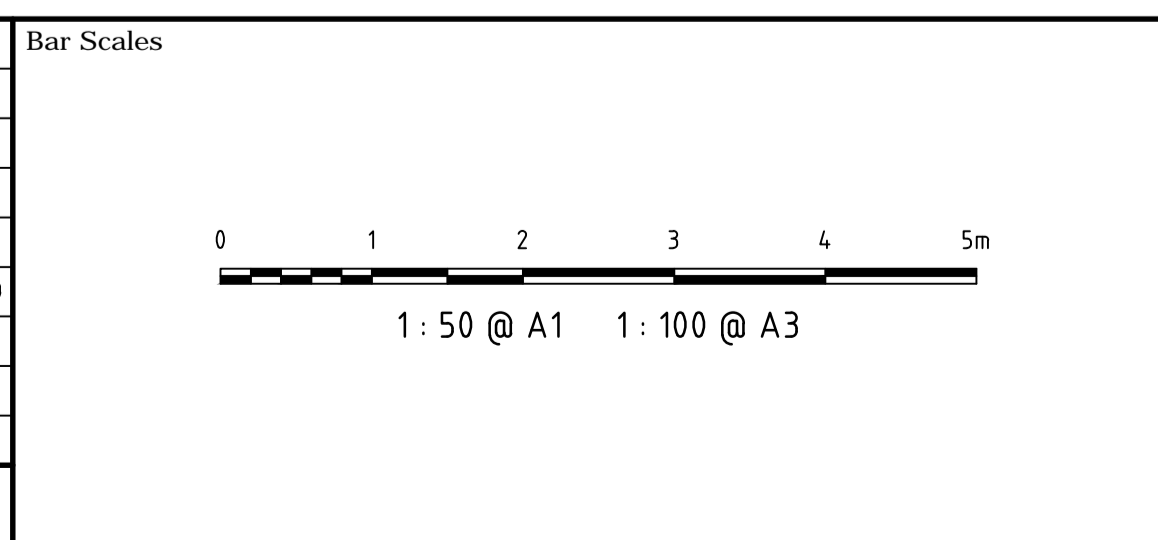
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Fax: 02 9460 8413  
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info@atl.net.au

Status	<b>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</b>	A1
Drawing No.	C005	Issue
Project No.	18-580	C





Issue	Description	Date
D	ISSUED FOR APPROVAL	22-07-19
C	ISSUED FOR APPROVAL	17-07-19
B	ISSUED FOR APPROVAL	15-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Scale	1 : 50 @ A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project

**2 MACPHERSON STREET  
WARRIEWOOD  
SUBDIVISION  
PACKAGE**

Title

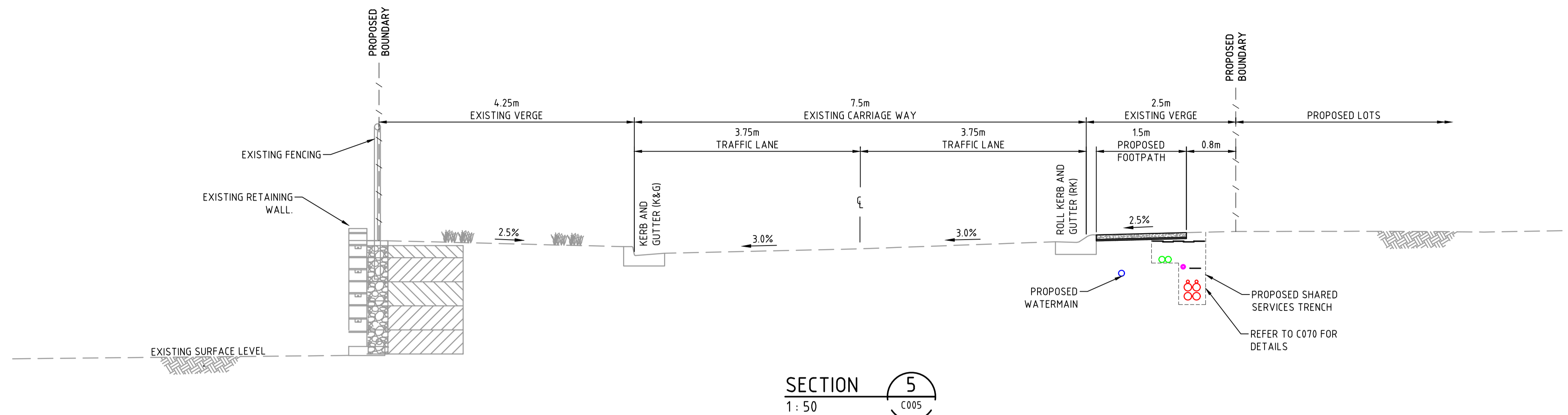
**TYPICAL SECTIONS  
SHEET 1 OF 2**

Civil Engineers and Project Managers

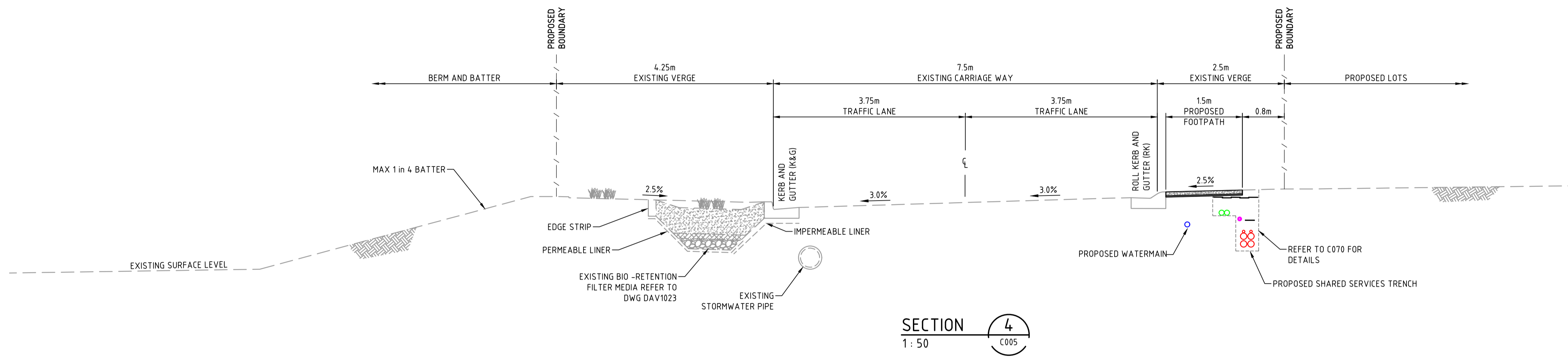
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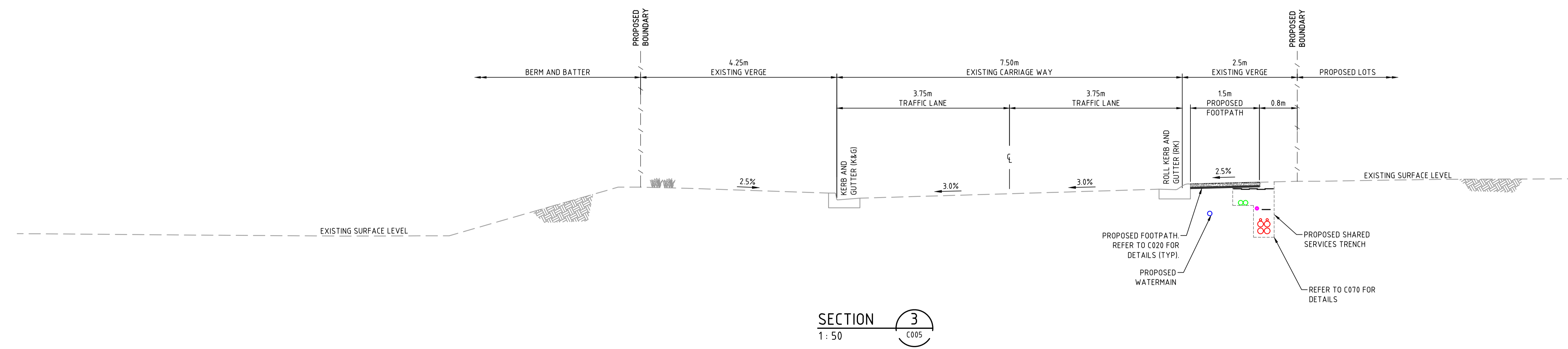
Status	<b>FOR APPROVAL</b>	A1
NOT TO BE USED FOR CONSTRUCTION		
Drawing No.	Project No.	Issue
C006	18-580	D



SECTION 5  
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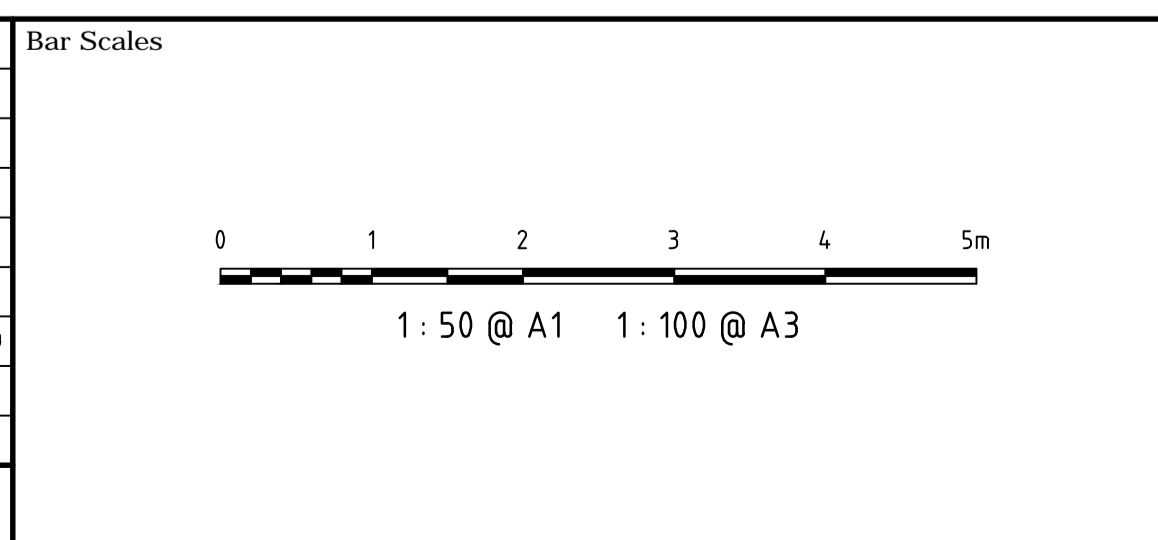


SECTION 4  
1:50



SECTION 3  
1:50

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Scales	1:50 @ A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project

**2 MACPHERSON STREET  
WARRIEWOOD  
SUBDIVISION  
PACKAGE**

Title

**TYPICAL SECTIONS  
SHEET 2 OF 2**

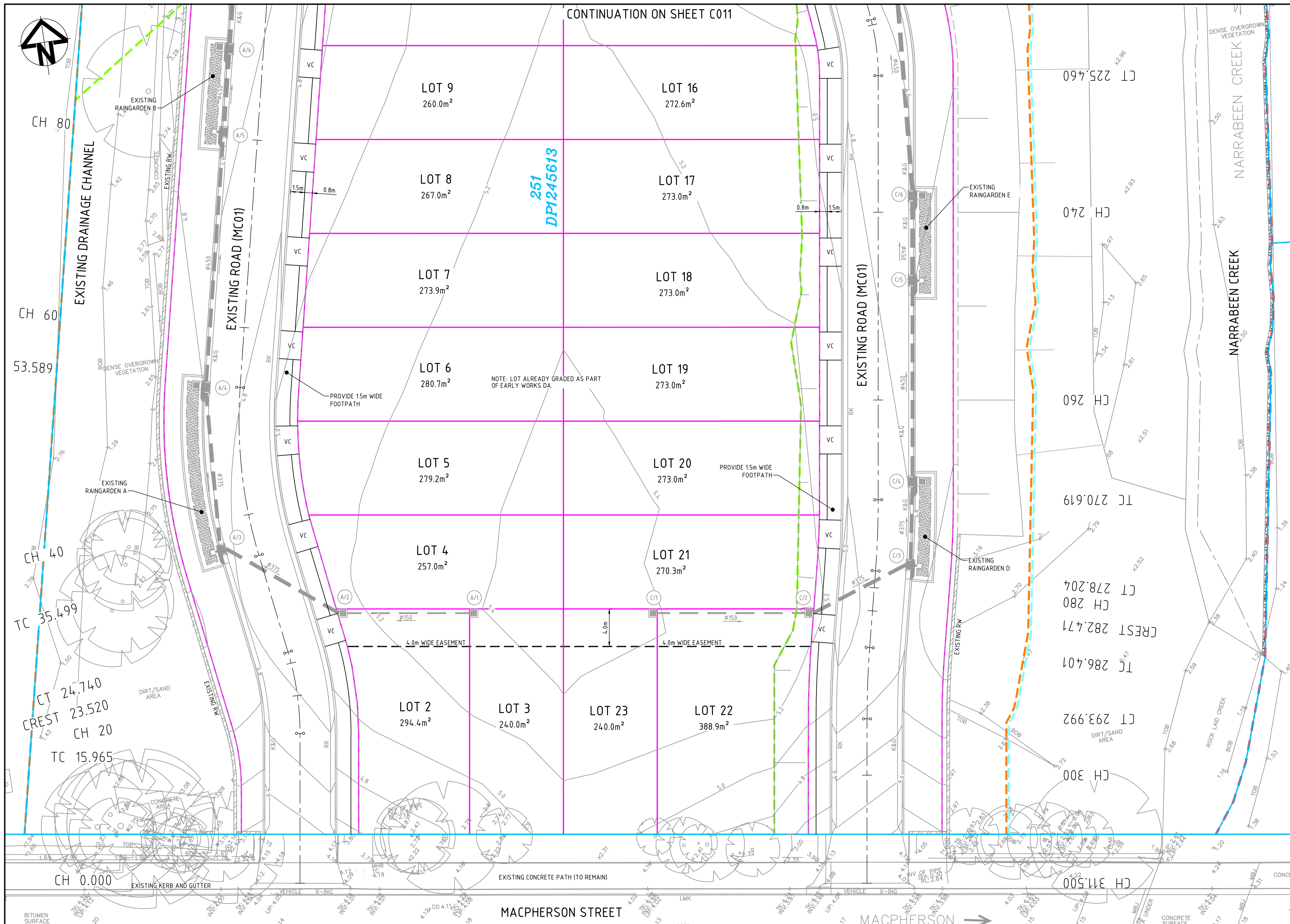
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Status	<b>FOR APPROVAL</b>	A1
NOT TO BE USED FOR CONSTRUCTION		
Drawing No.	18-580	Issue
C007		C





### SITWORKS LEGEND

**EXISTING**

- EXISTING BOUNDARY
- EXISTING CONTOUR
- EXISTING 20m ASSET PROTECTION ZONE
- EXISTING TREE
- EXISTING CREEK CENTERLINE
- EXISTING 25m RIPARIAN CORRIDOR
- EXISTING 25m PRIVATE BUFFER

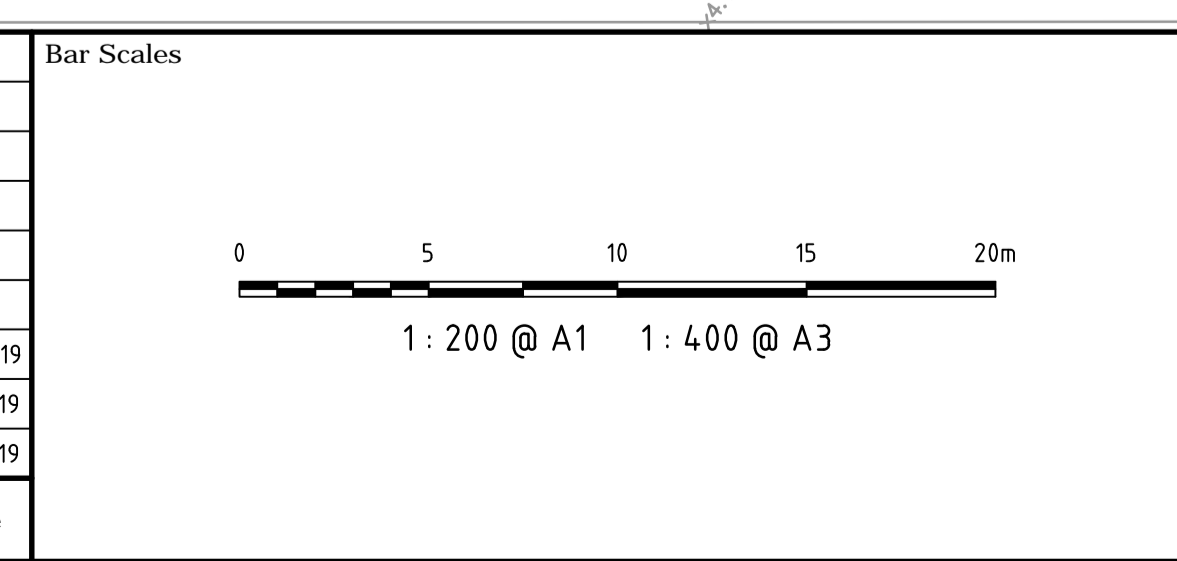
**WORKS INSTALLED AS PART OF DA N03981**

- EXISTING BIODIVERSITY EXTENTS
- EXISTING KERB & GUTTER
- EXISTING ROLL TOP KERB AND GUTTER
- EXISTING BATTER
- EXISTING ROCK RETAINING WALL
- EXISTING RETAINING WALL
- EXISTING STORMWATER PIPE (SHOWING SIZE)
- EXISTING STORMWATER KERN INLET PIT
- EXISTING STORMWATER SURFACE INLET PIT
- EXISTING STORMWATER RAINGARDEN
- EXISTING STORMWATER PIT NUMBER

**PROPOSED**

- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- VEHICULAR CROSSING

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Scale	1 : 200 @ A1	Drawn	GJ
Grid	MGA	Designed	GJ
Height Datum	AHD	Checked	AT
		Approved	

Project

**2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE**

Title

**SITWORKS AND STORMWATER PLAN SHEET 1**

Civil Engineers and Project Managers

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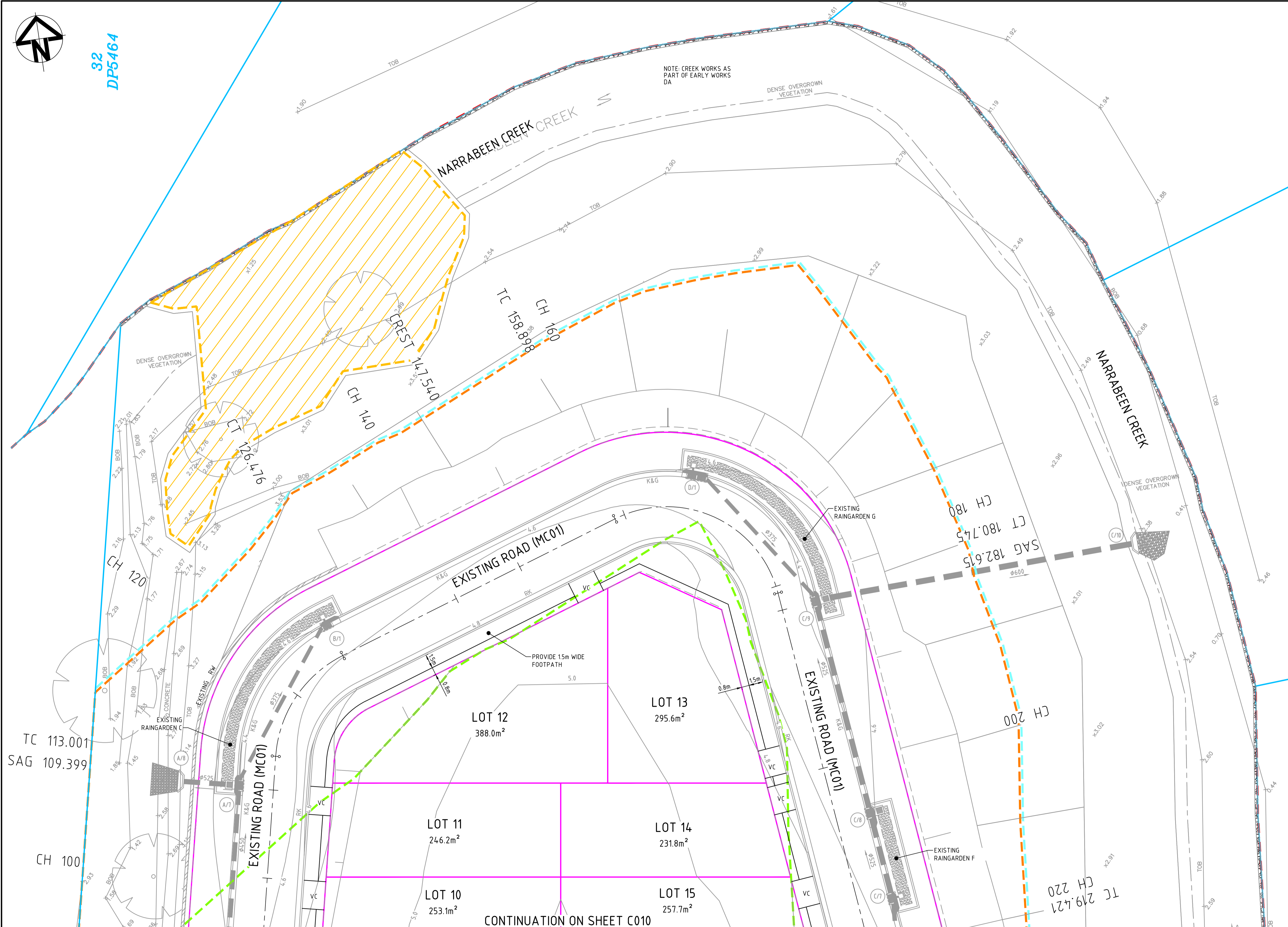
Status

**FOR APPROVAL**

NOT TO BE USED FOR CONSTRUCTION

Drawing No.	Project No.	Issue
C010	18-580	C





### SITeworks LEGEND

**EXISTING**

- EXISTING BOUNDARY
- EXISTING CONTOUR
- EXISTING 20m ASSET PROTECTION ZONE
- EXISTING TREE
- EXISTING CREEK CENTERLINE
- EXISTING 25m RIPARIAN CORRIDOR
- EXISTING 25m PRIVATE BUFFER

**WORKS INSTALLED AS PART OF DA N03981**

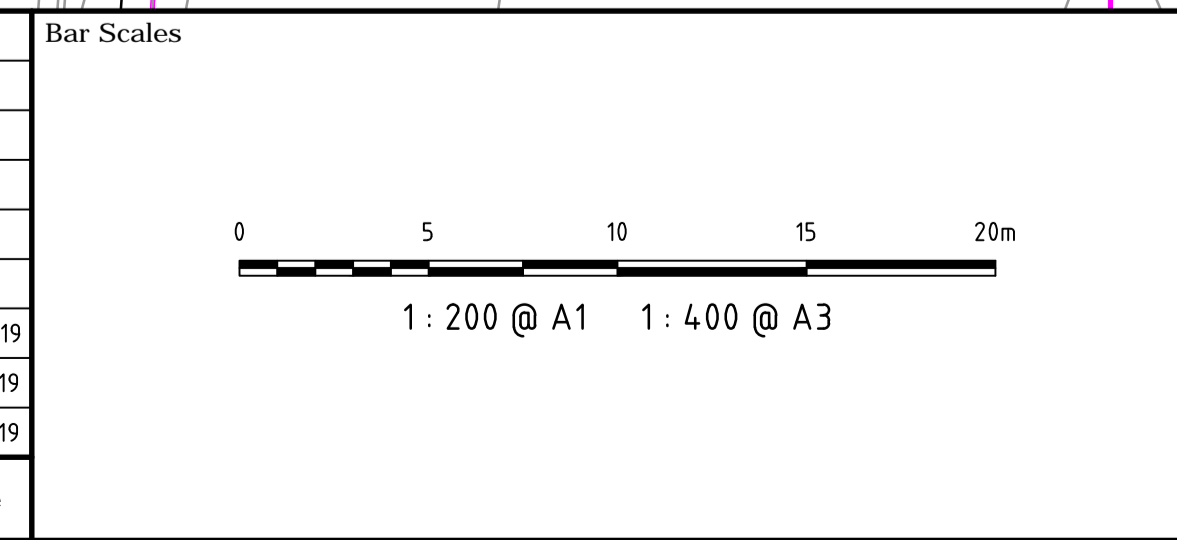
- EXISTING BIODIVERSITY EXTENTS
- EXISTING KERB & GUTTER
- EXISTING ROLL TOP KERB AND GUTTER
- EXISTING BATTER
- EXISTING ROCK RETAINING WALL
- EXISTING RETAINING WALL
- EXISTING STORMWATER PIPE (SHOWING SIZE)
- EXISTING STORMWATER KERB INLET PIT
- EXISTING STORMWATER SURFACE INLET PIT
- EXISTING STORMWATER RAINGARDEN
- EXISTING STORMWATER PIT NUMBER

**PROPOSED**

- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- VEHICULAR CROSSING

- ### NOTES
- ROADWORKS, EARTHWORKS, STORMWATER AND CREEK WORKS TO FORM PART OF THE EARLY WORKS PACKAGE. REFER TO THE EARLY WORKS PACKAGE FOR DETAILS.
  - DRIVEWAYS ARE SHOWN FOR COORDINATION PURPOSES ONLY AND ARE SUBJECT TO INDIVIDUAL LOT APPROVALS.
  - REFER DRAWING C020 FOR CIVIL DETAILS.

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Scales	1 : 200 @ A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project

**2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE**

Title

**SITeworks AND STORMWATER PLAN SHEET 2**

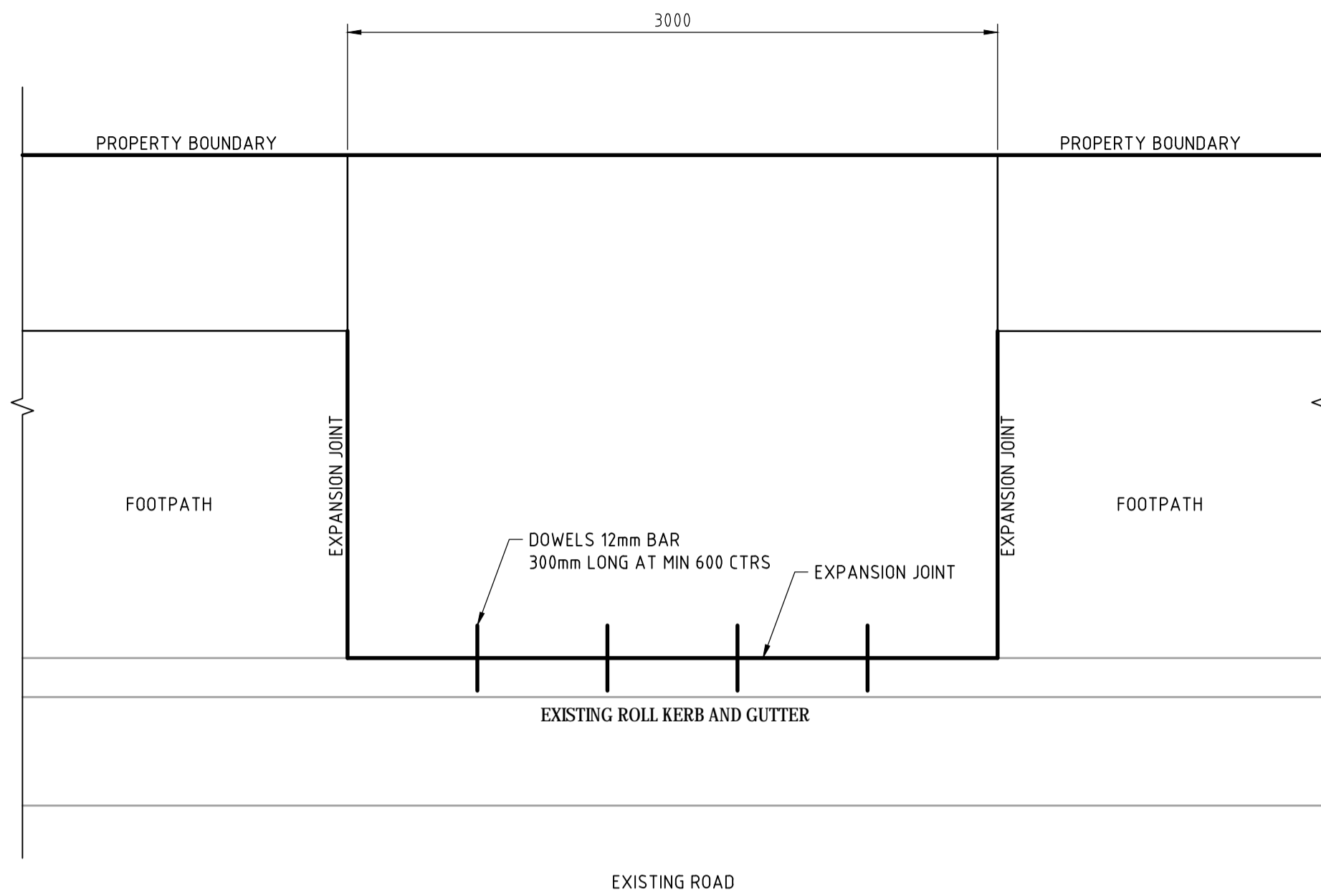
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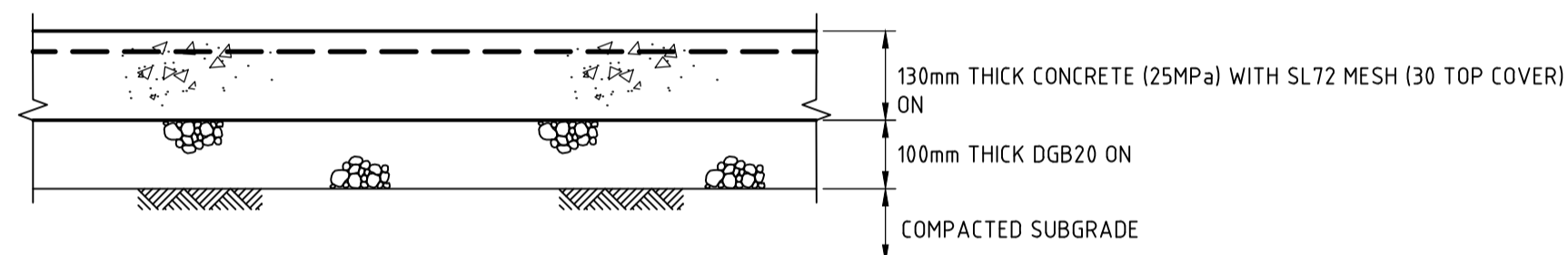
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NOT TO BE USED FOR CONSTRUCTION		
Drawing No.	C011	Issue
Project No.	18-580	C





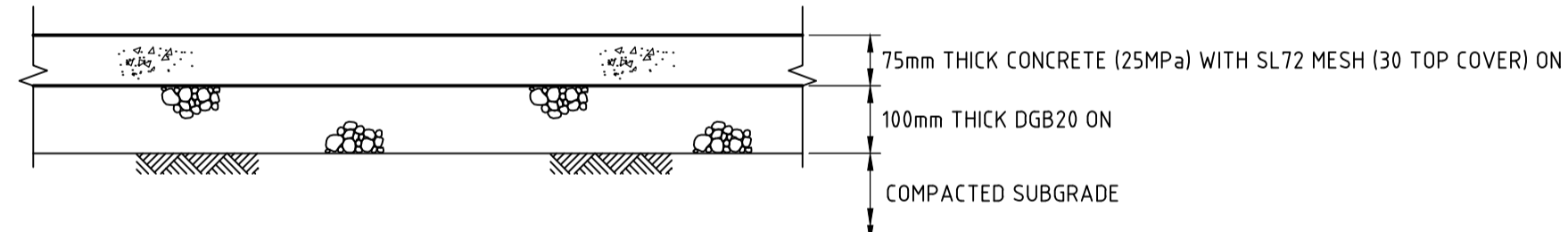
**PROPOSED DRIVEWAY PLAN**

NTS



**PROPOSED DRIVEWAY PAVEMENT DETAIL**

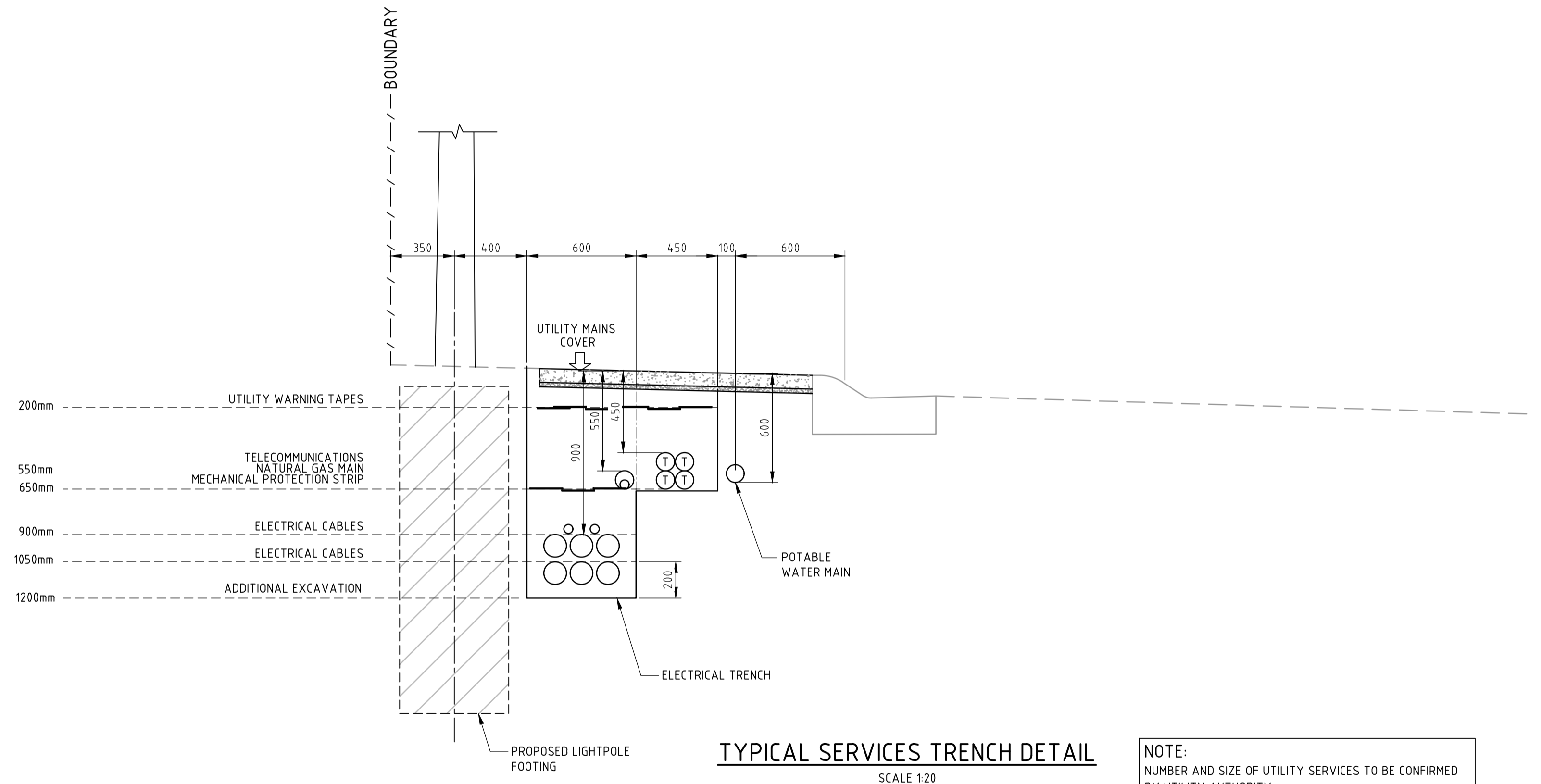
SCALE 1:10



**PROPOSED FOOTPATH PAVEMENT DETAIL**

SCALE 1:10

NOTE:  
REFER TO DRAWING C02 FOR JOINT DETAILS

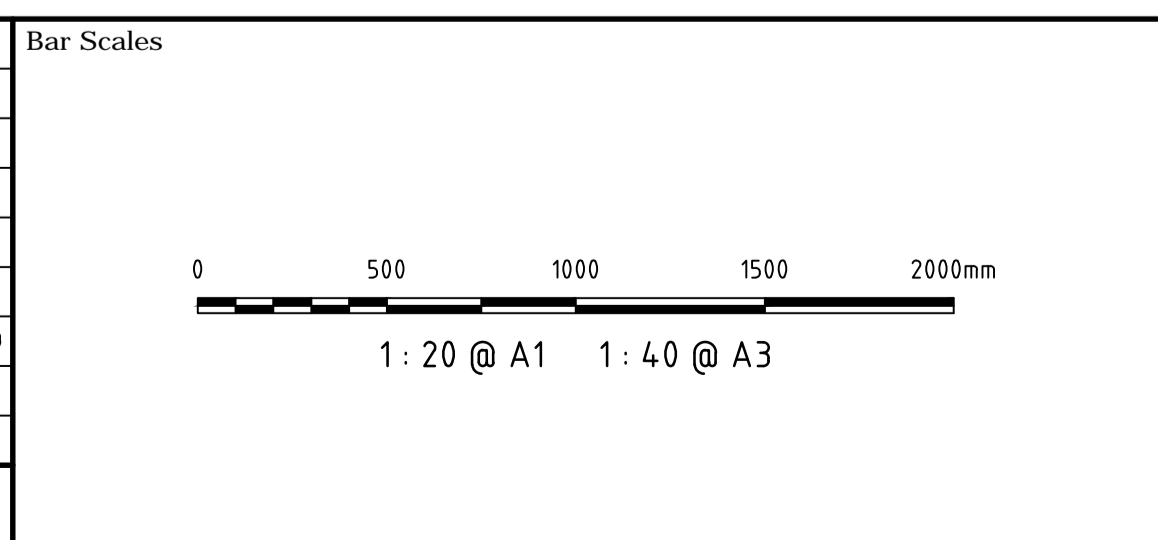


**TYPICAL SERVICES TRENCH DETAIL**

SCALE 1:20

NOTE:  
NUMBER AND SIZE OF UTILITY SERVICES TO BE CONFIRMED  
BY UTILITY AUTHORITY.

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Drawn	GJ
Designed	GJ
Checked	AT
Approved	

Scales AS SHOWN

Grid MGA

Height Datum AHD

Project **2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE**

Title **SITWORKS DETAILS**

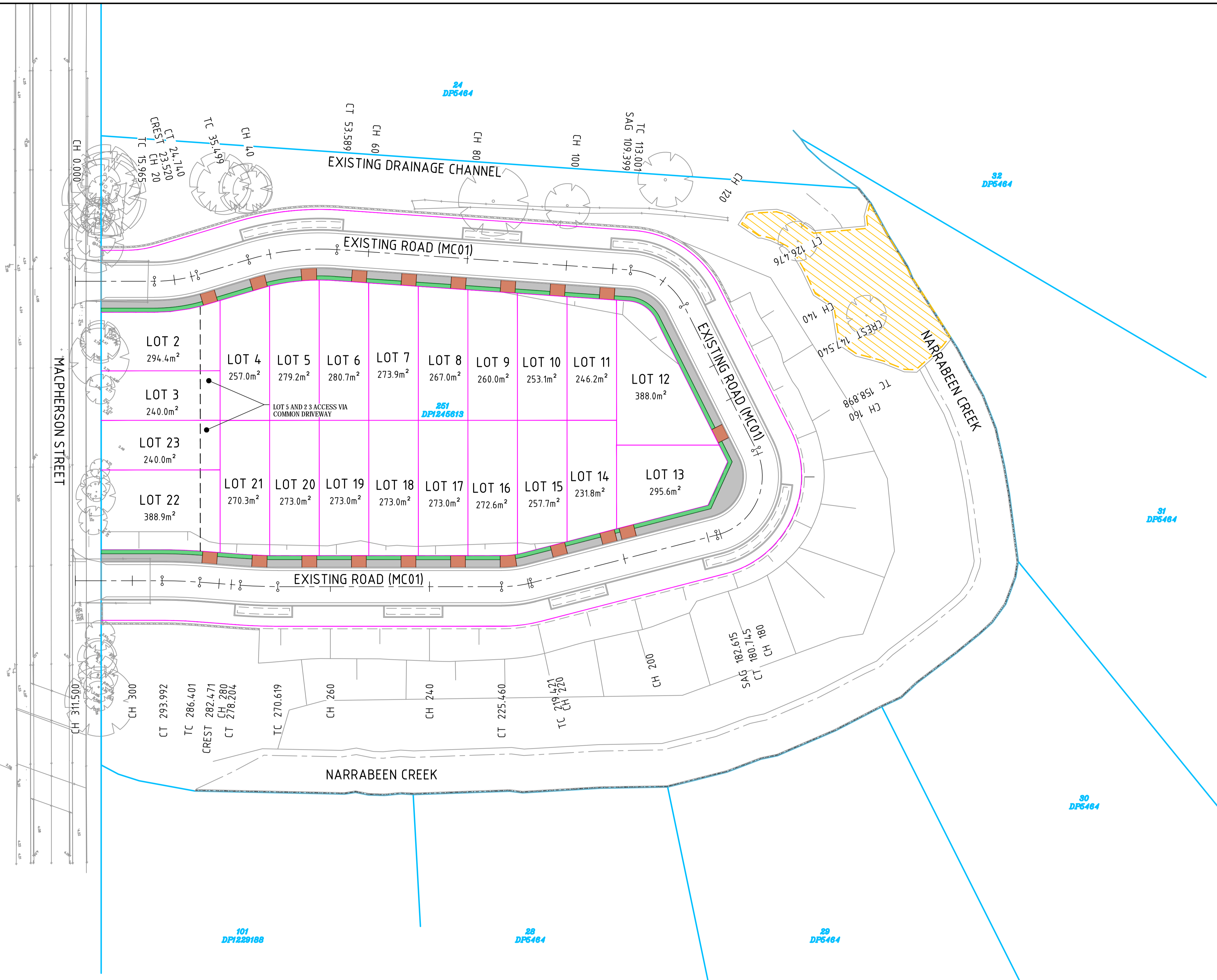
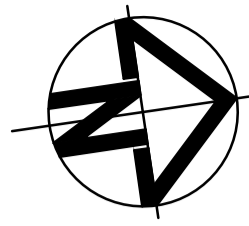
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Status	<b>FOR APPROVAL</b>	A1
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Drawing No.	Project No.	Issue
C020	18-580	C



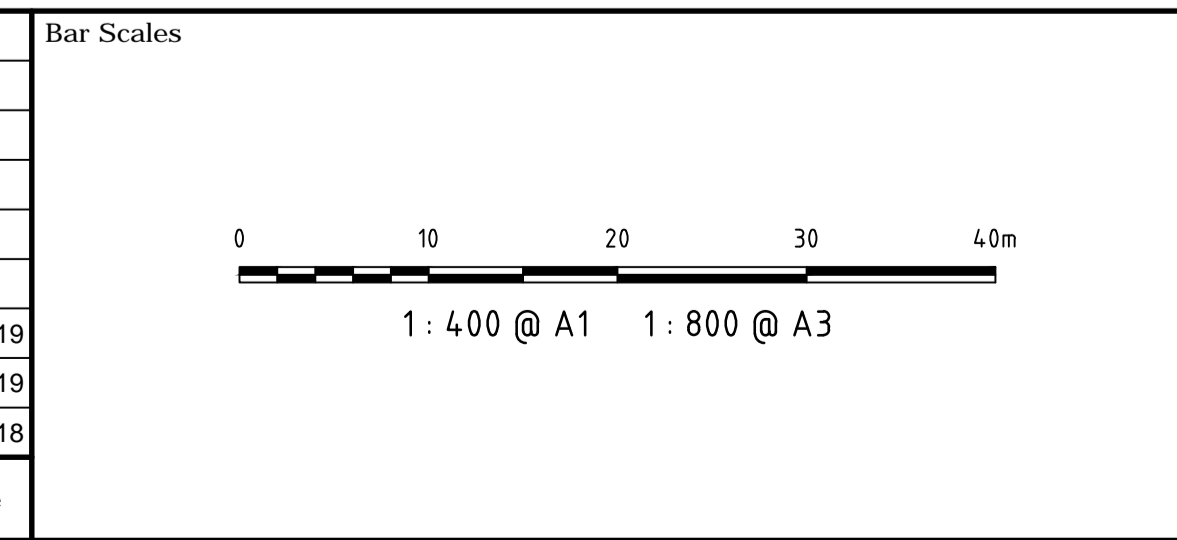


**PAVEMENT LEGEND**

	EXISTING BOUNDARY
	EXISTING CONTOUR
	EXISTING TREE
	PROPOSED BOUNDARY
	FOOTPATH AS PER NORTHERN BEACHES COUNCIL GUIDELINES
	VEHICULAR CROSSOVER AS PER NORTHERN BEACHES COUNCIL GUIDELINES
	LANDSCAPING/TURF

- NOTES**
- ROADWORKS, EARTHWORKS, STORMWATER AND CREEK WORKS TO FORM PART OF THE EARLY WORKS PACKAGE. REFER TO THE EARLY WORKS PACKAGE FOR DETAILS.
  - DRIVEWAYS ARE SHOWN FOR COORDINATION PURPOSES ONLY AND ARE SUBJECT TO INDIVIDUAL LOT APPROVALS.
  - VEHICULAR CROSSOVER AND FOOTPATH PAVEMENTS SHALL BE IN ACCORDANCE WITH NORTHERN BEACHES COUNCIL GUIDELINES.
  - REFER DRAWING C020 FOR CIVIL DETAILS.

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	19-12-18



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Scales	1:400 @A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project

**2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE**

Title

**PAVEMENT PLAN**

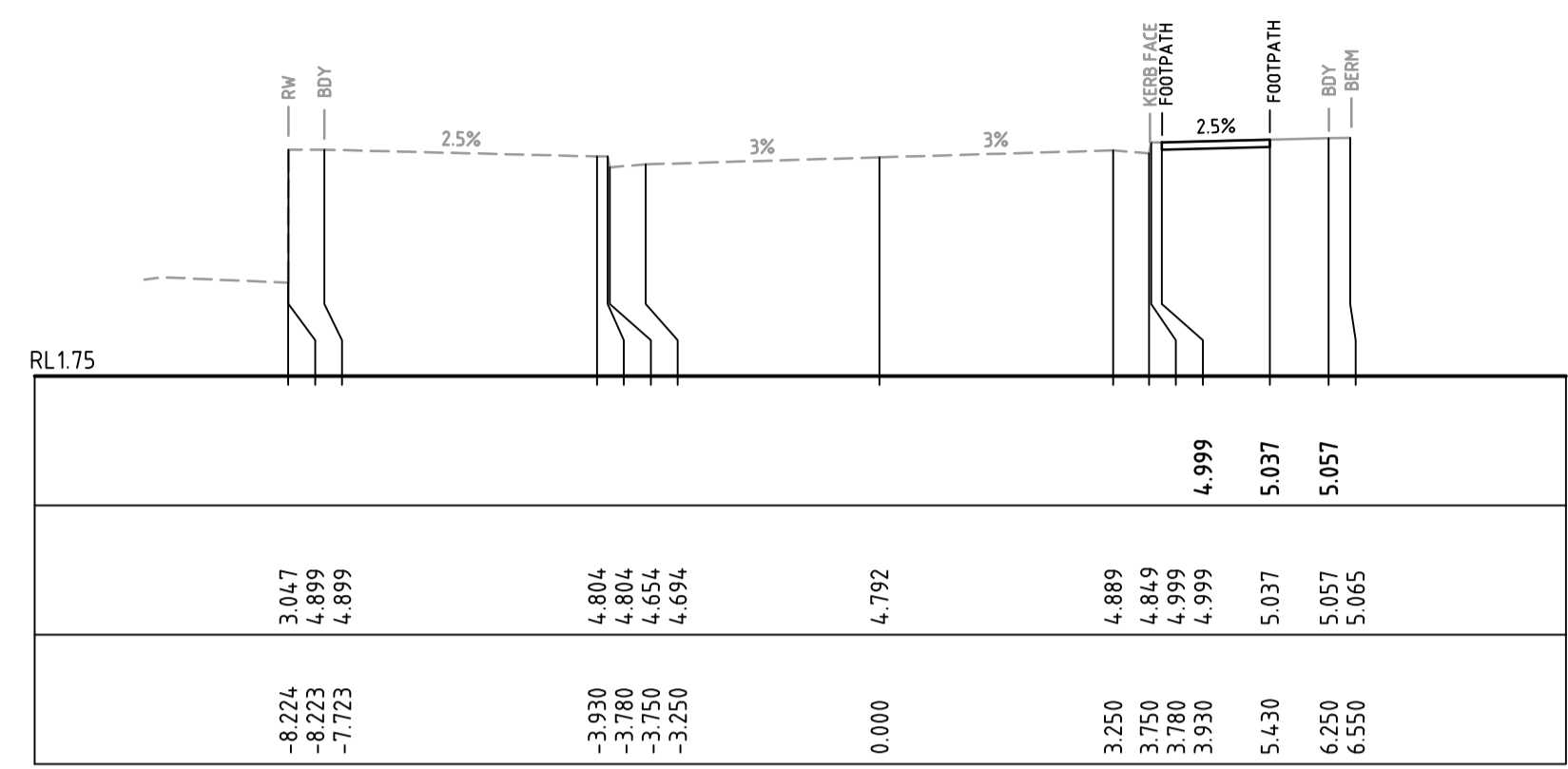
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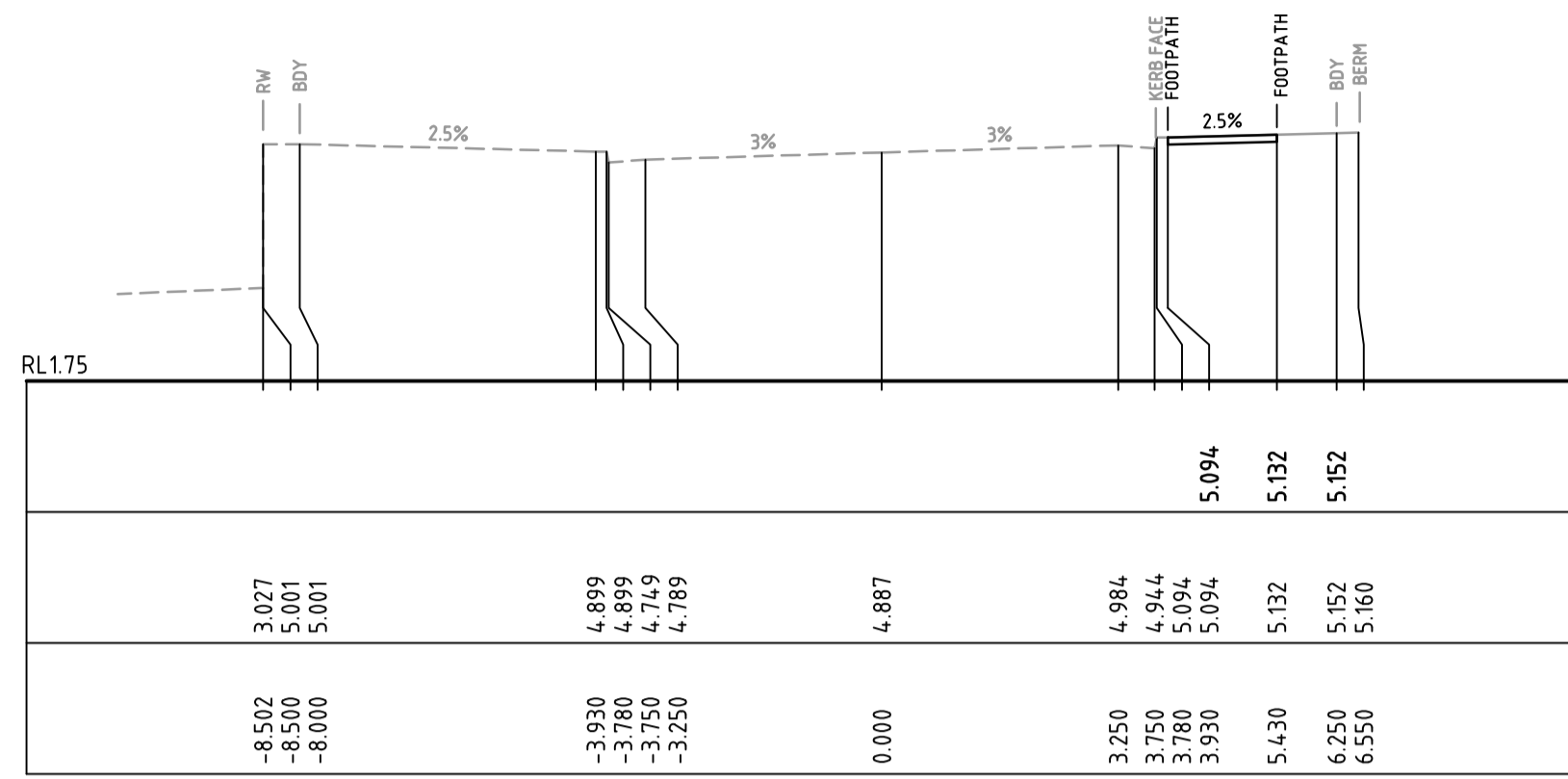
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Status	<b>FOR APPROVAL</b> NOT TO BE USED FOR CONSTRUCTION	A1
Drawing No.	C030	Issue
Project No.	18-580	C

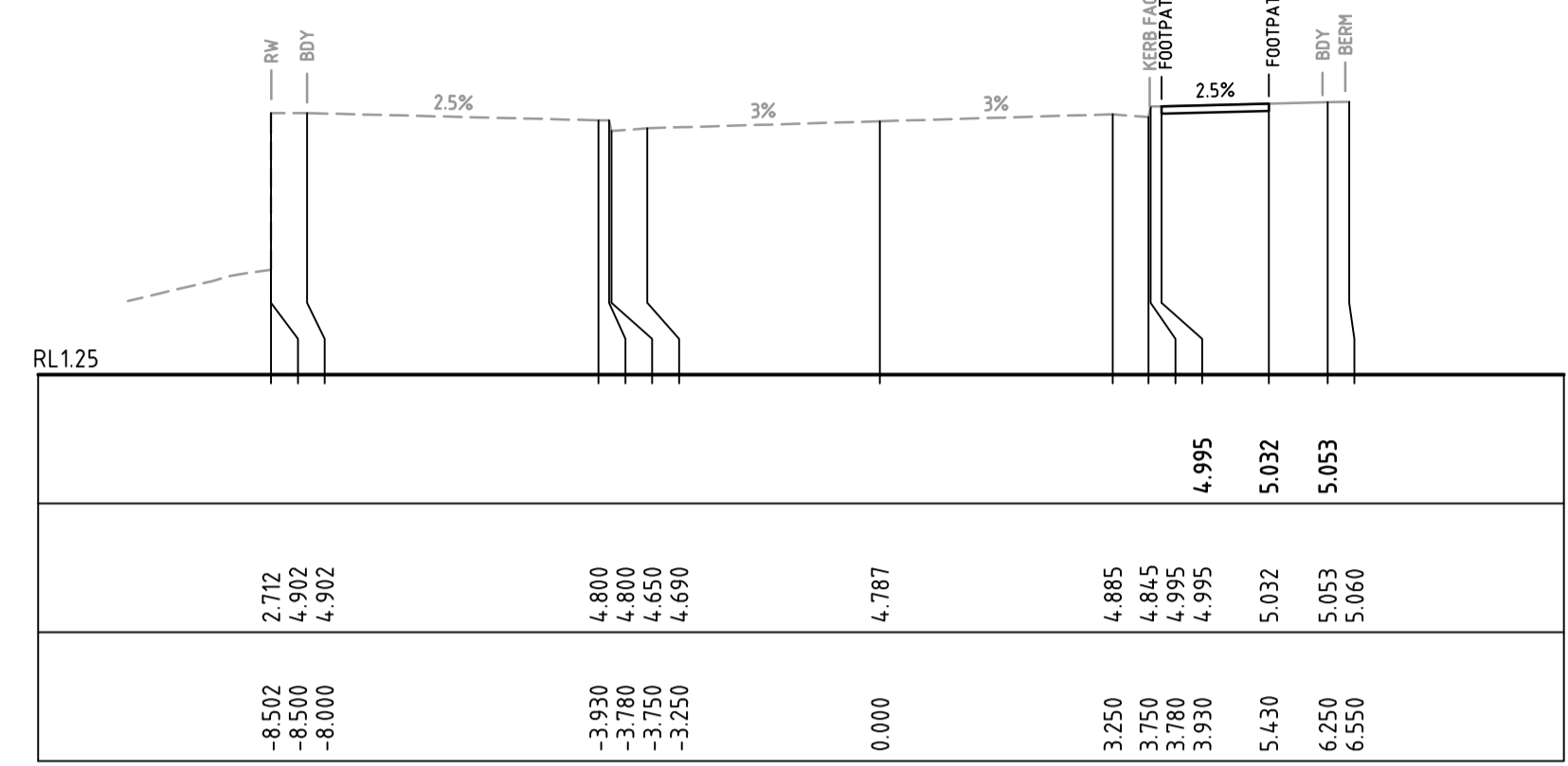




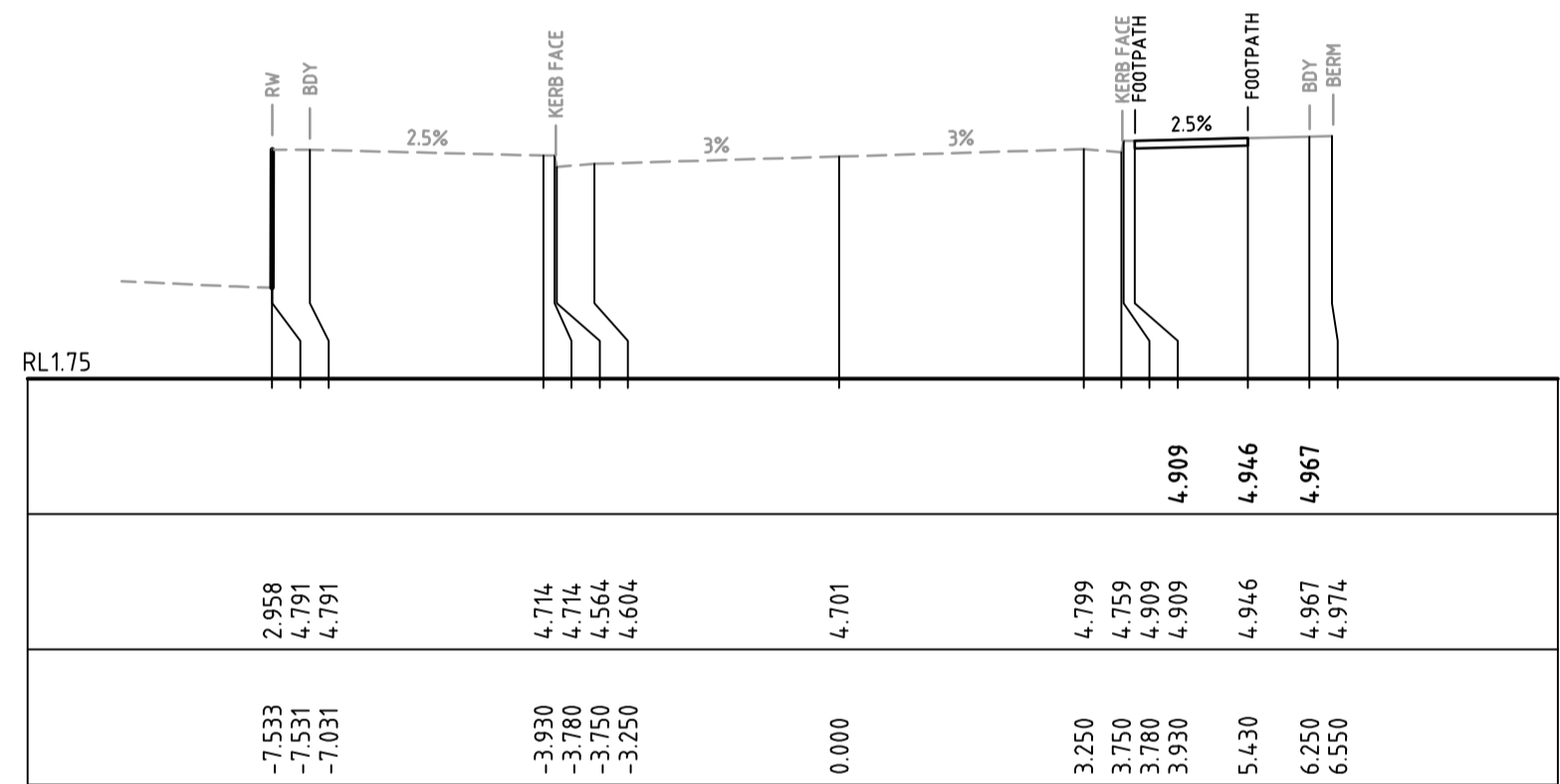
CH 20



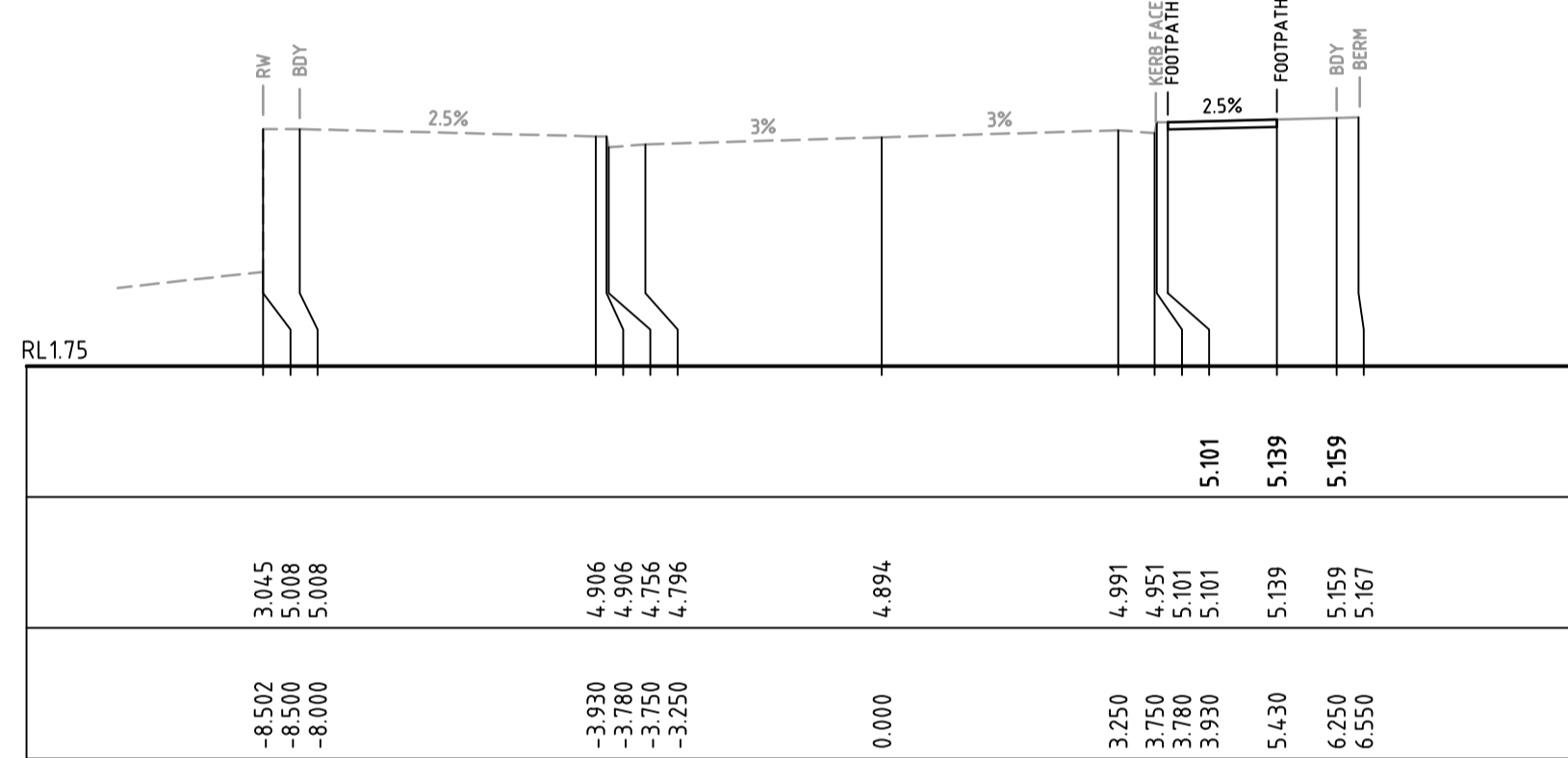
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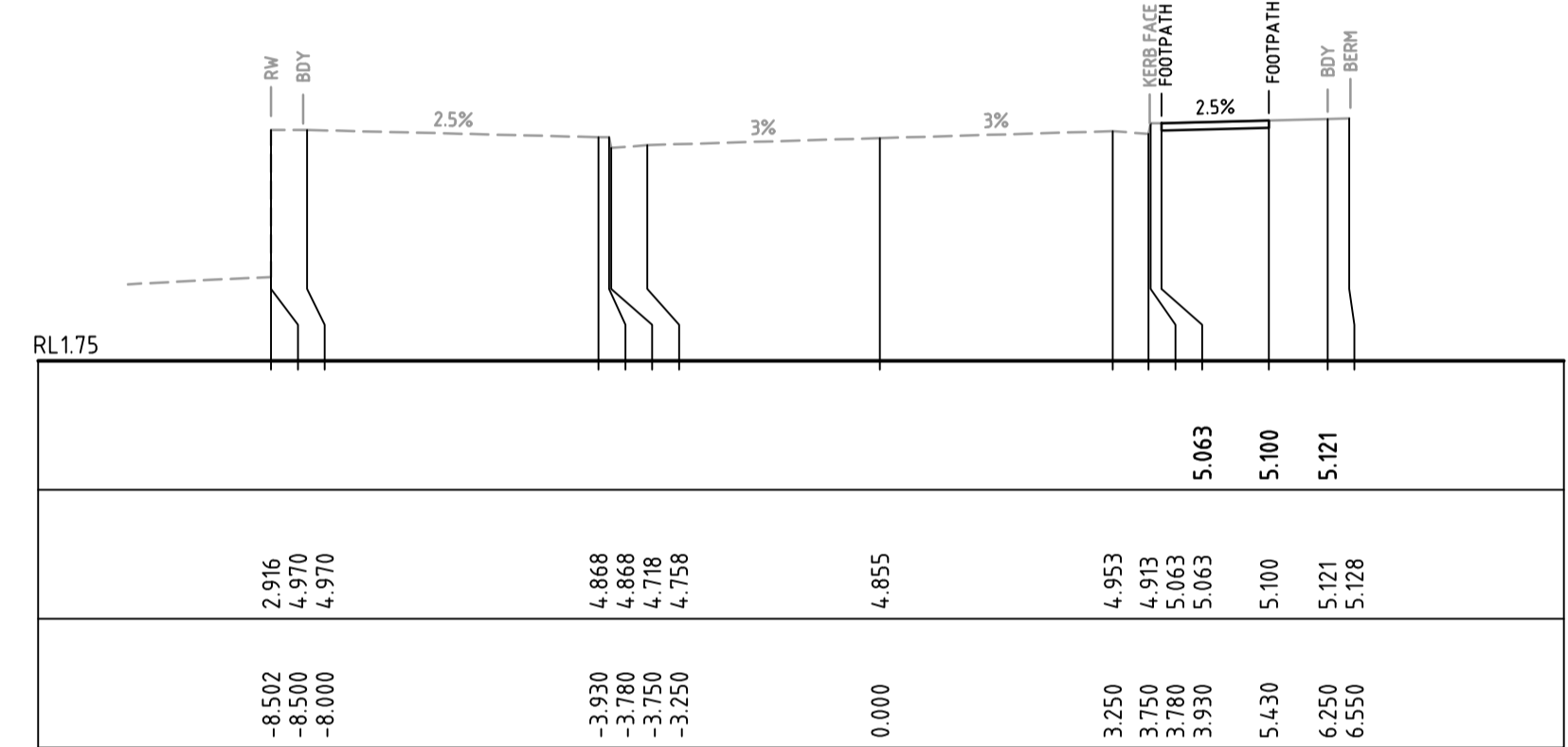
CH 53.589



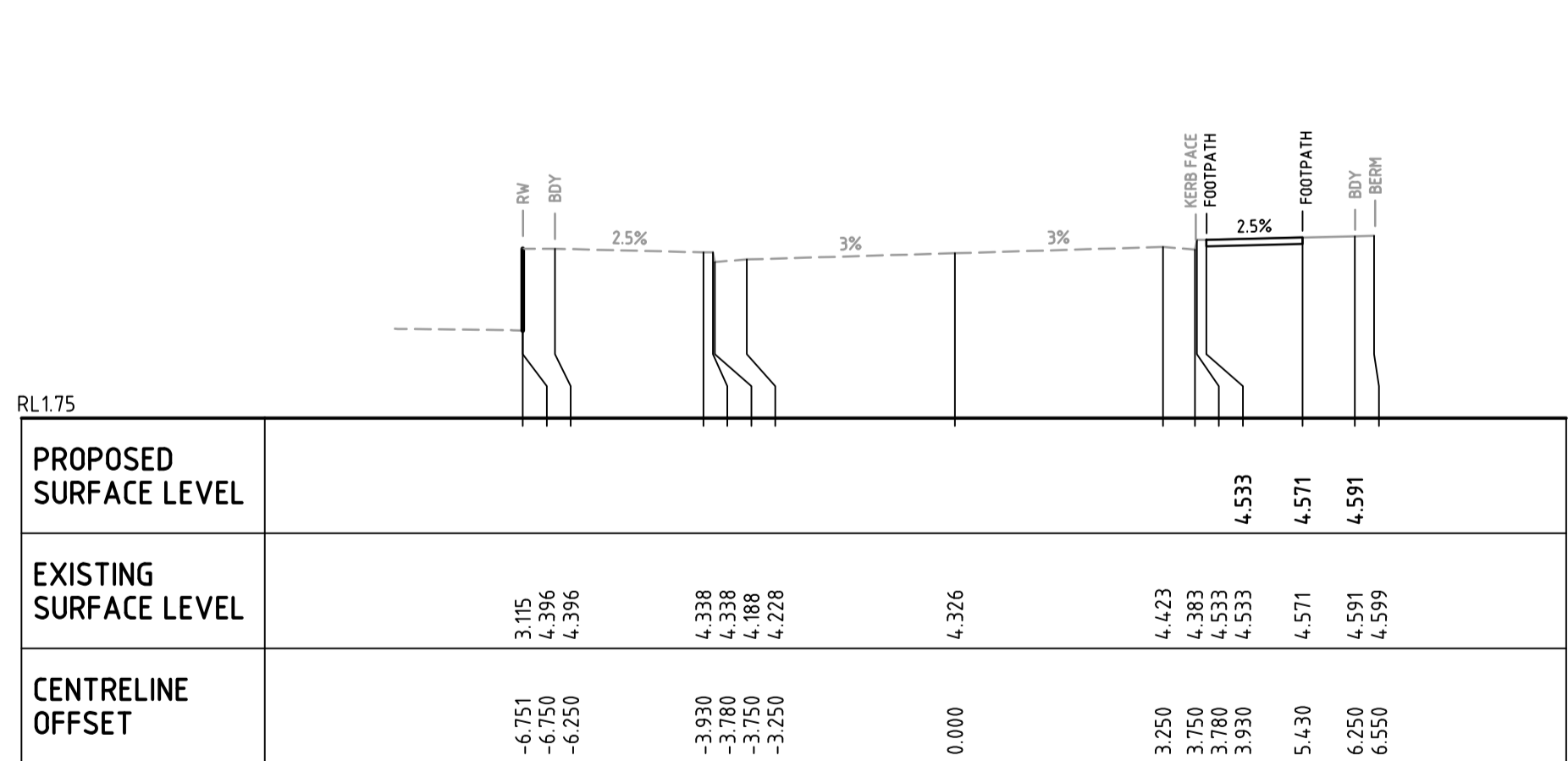
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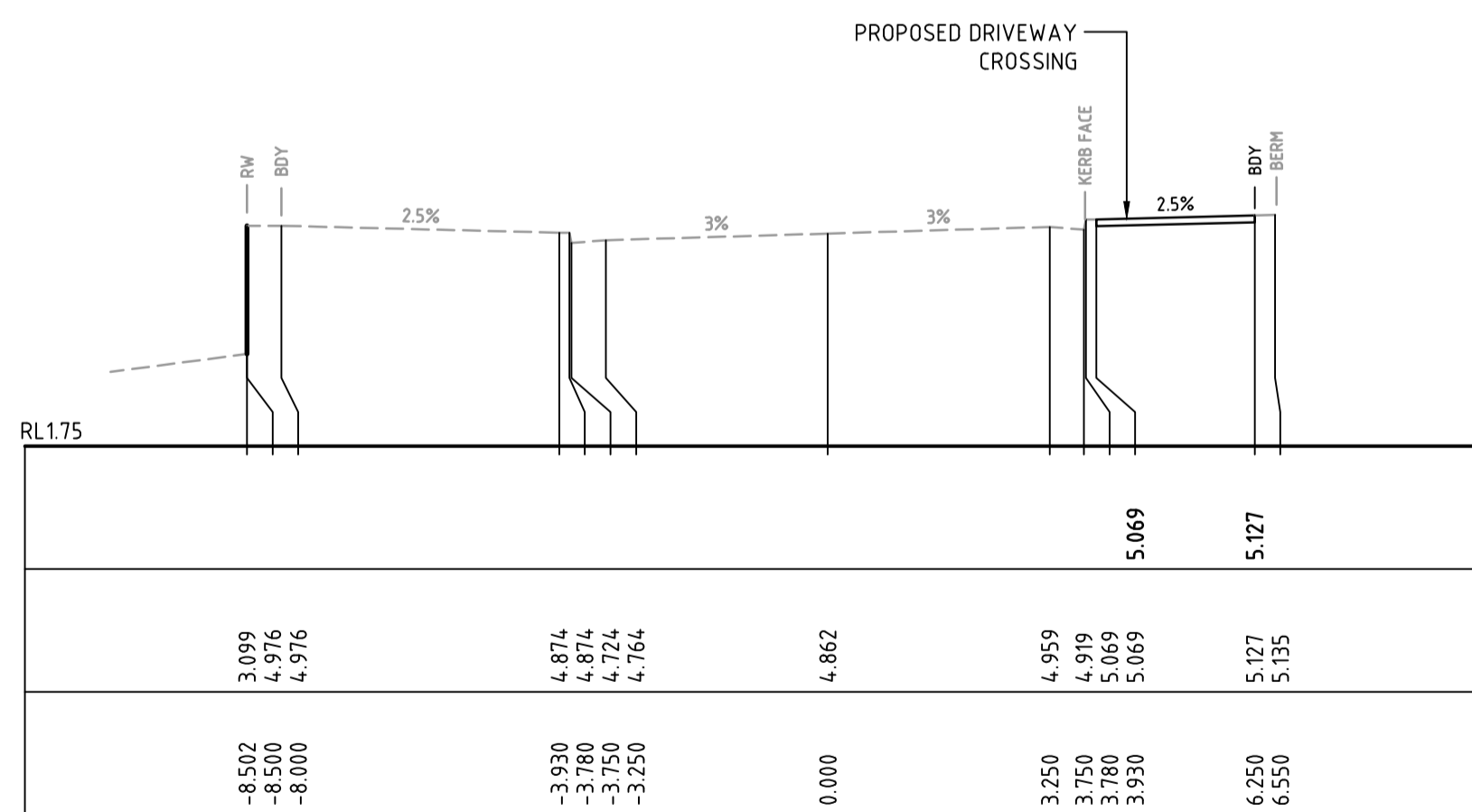
CH 30.838



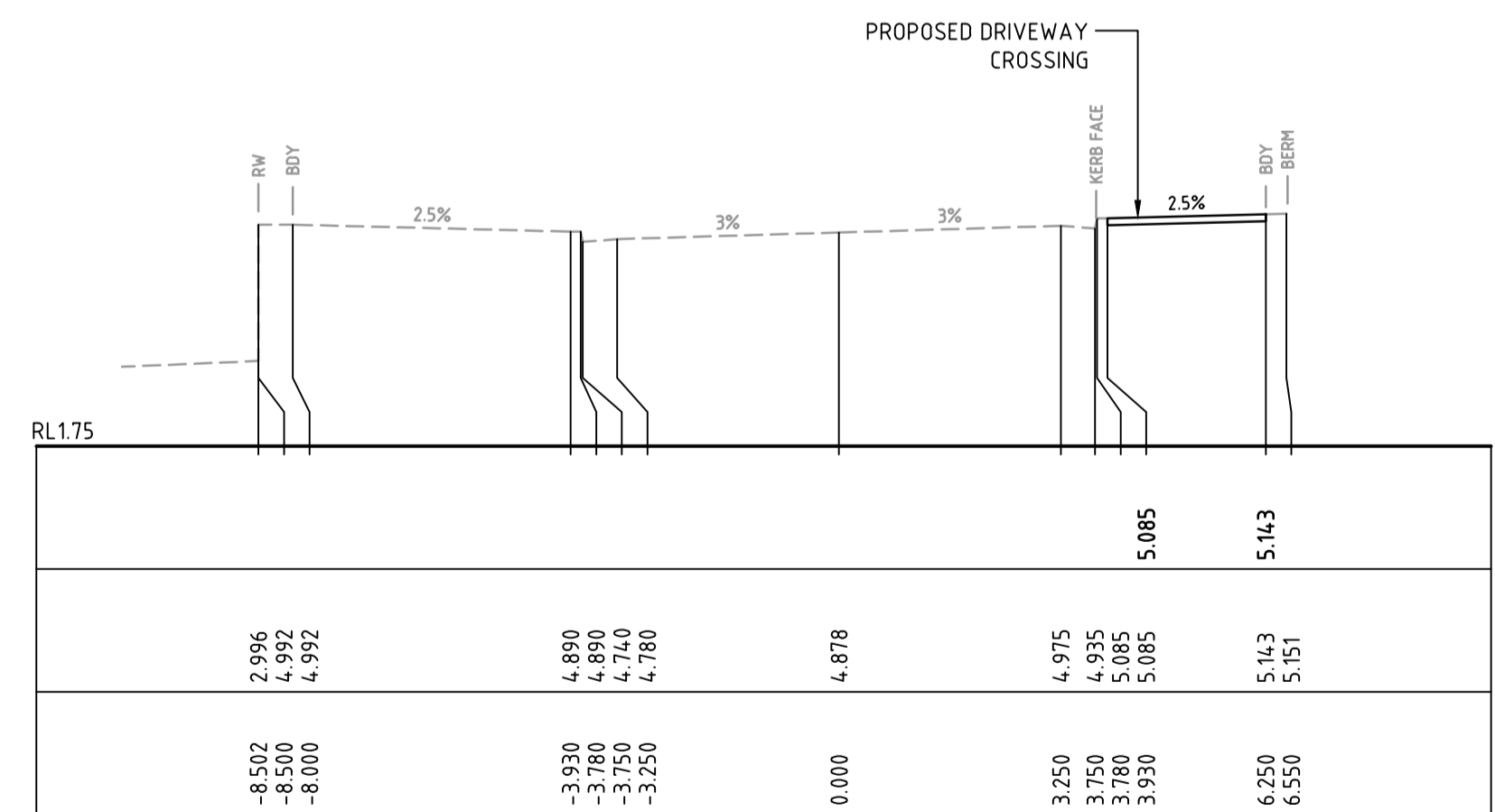
CH 40



CH 5.3



CH 24.74



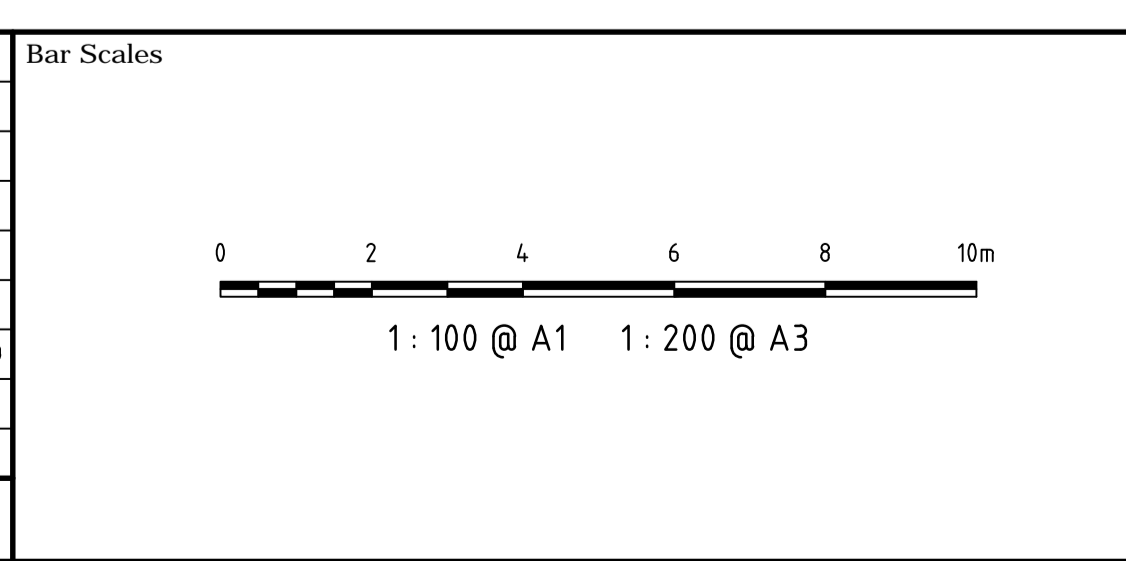
CH 35.499

PROPOSED SURFACE LEVEL	EXISTING SURFACE LEVEL	CENTRELINE OFFSET
3.115	3.115	-6.751
4.396	4.396	-6.750
4.396	4.396	-6.250
4.338	4.338	-3.930
4.338	4.338	-3.780
4.188	4.188	-3.750
4.228	4.228	-3.250
0.000	0.000	0.000
4.326	4.326	3.250
4.423	4.423	3.750
4.383	4.383	3.780
4.533	4.533	3.930
4.533	4.533	4.533
4.571	4.571	5.430
4.591	4.591	6.250
4.591	4.591	6.550

PROPOSED SURFACE LEVEL	EXISTING SURFACE LEVEL	CENTRELINE OFFSET
3.099	3.099	-8.502
4.976	4.976	-8.500
4.976	4.976	-8.000
4.874	4.874	-3.930
4.874	4.874	-3.780
4.724	4.724	-3.750
4.764	4.764	-3.250
0.000	0.000	0.000
4.862	4.862	3.250
4.959	4.959	3.750
4.959	4.959	3.780
5.069	5.069	3.930
5.069	5.069	4.533
5.127	5.127	5.430
5.135	5.135	6.250
5.135	5.135	6.550

PROPOSED SURFACE LEVEL	EXISTING SURFACE LEVEL	CENTRELINE OFFSET
2.996	2.996	-8.502
4.992	4.992	-8.500
4.992	4.992	-8.000
4.890	4.890	-3.930
4.890	4.890	-3.780
4.740	4.740	-3.750
4.780	4.780	-3.250
0.000	0.000	0.000
4.878	4.878	3.250
4.975	4.975	3.750
4.975	4.975	3.780
5.085	5.085	3.930
5.085	5.085	4.533
5.143	5.143	5.430
5.151	5.151	6.250
5.151	5.151	6.550

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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 Tel: (02) 9287 2888 Fax: (02) 9287 2777  
 Email: info@design.meriton.com.au  
 Internet: http://www.meriton.com.au

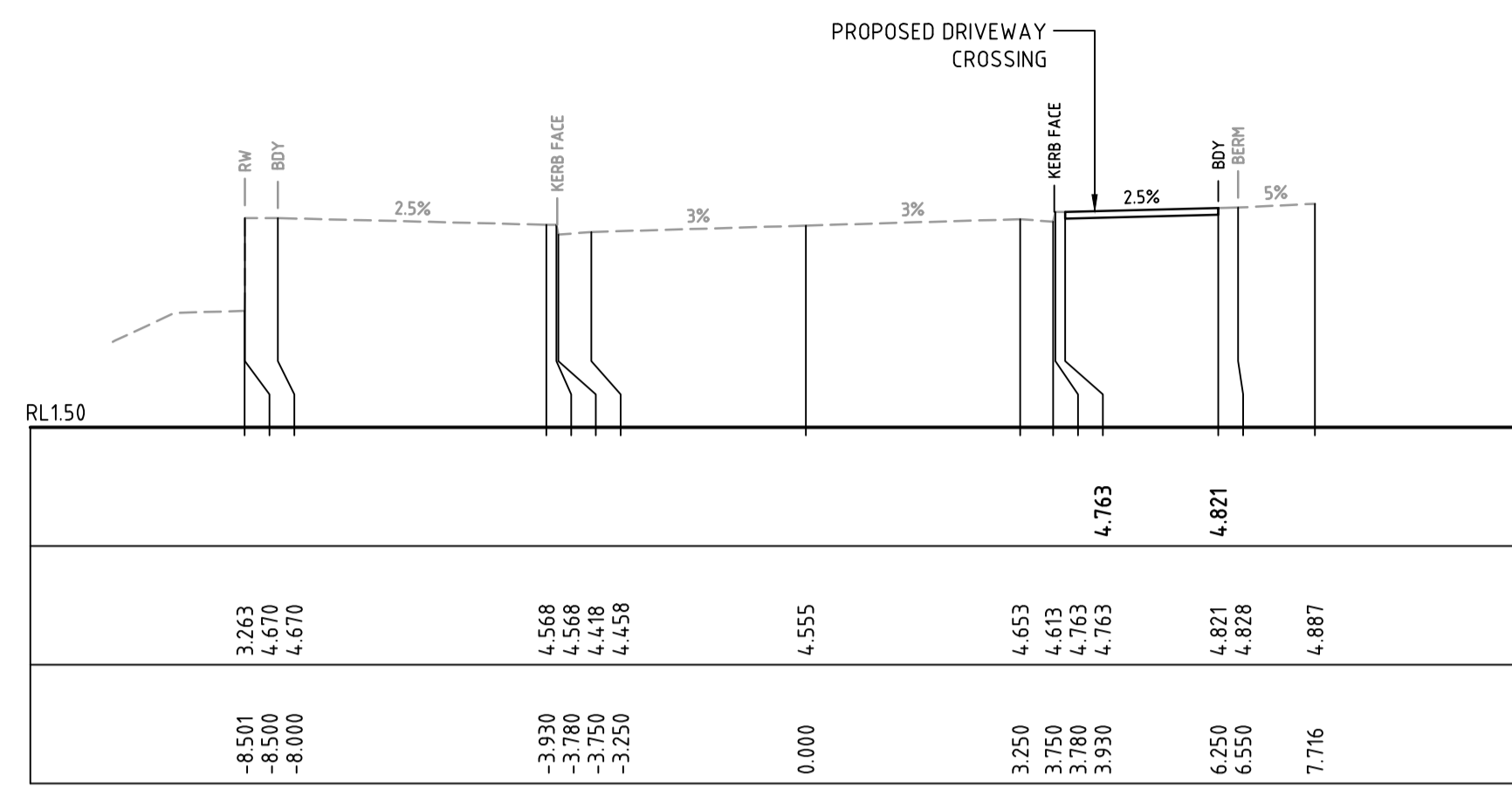
Scales	1 : 100 @ A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project  
**2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE**  
 Title  
**MC01 CROSS SECTIONS SHEET 1**

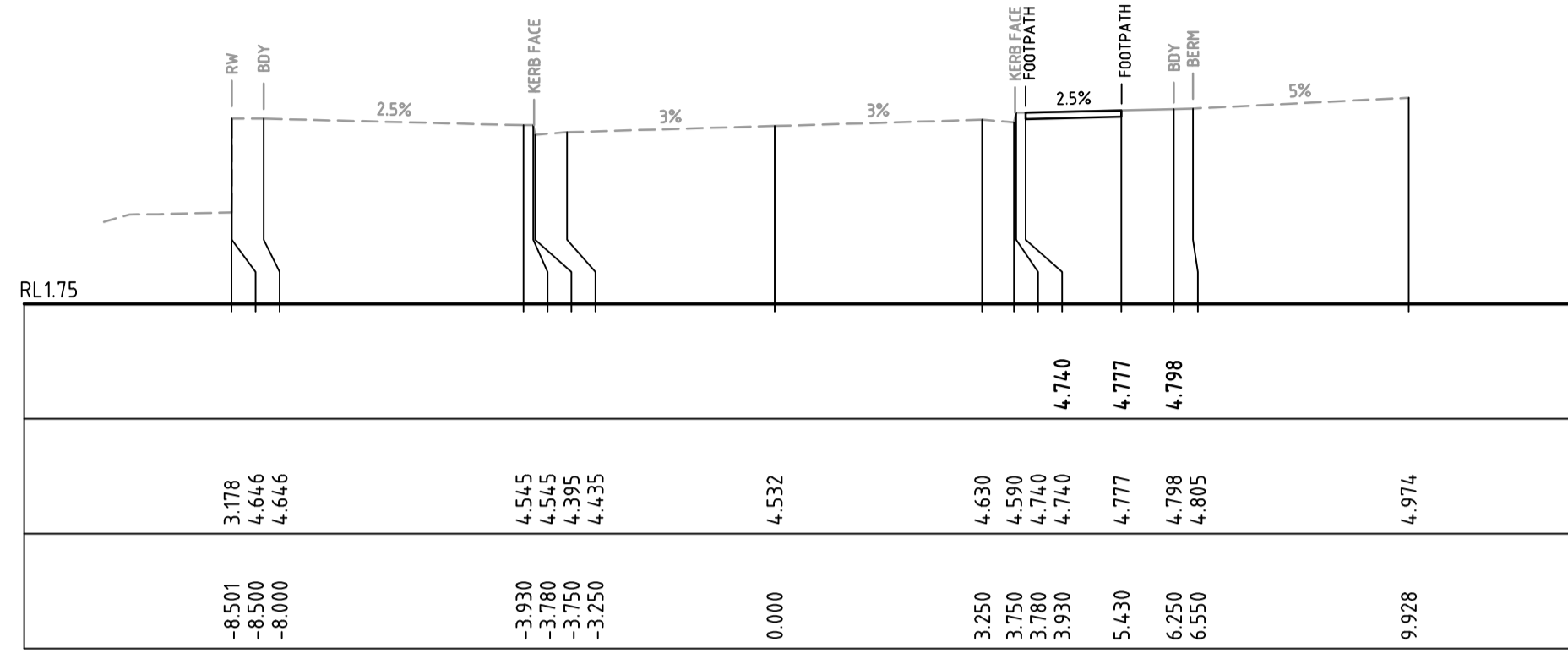
Civil Engineers and Project Managers  
  
 Level 7, 153 Walker Street  
 North Sydney NSW 2060  
 ABN 96 130 882 405  
 Tel: 02 9439 1777  
 Fax: 02 9460 8413  
 www.atl.net.au  
 info@atl.net.au

Status	<b>FOR APPROVAL</b>	A1
NOT TO BE USED FOR CONSTRUCTION		
Drawing No.	18-580	Issue
C050		C

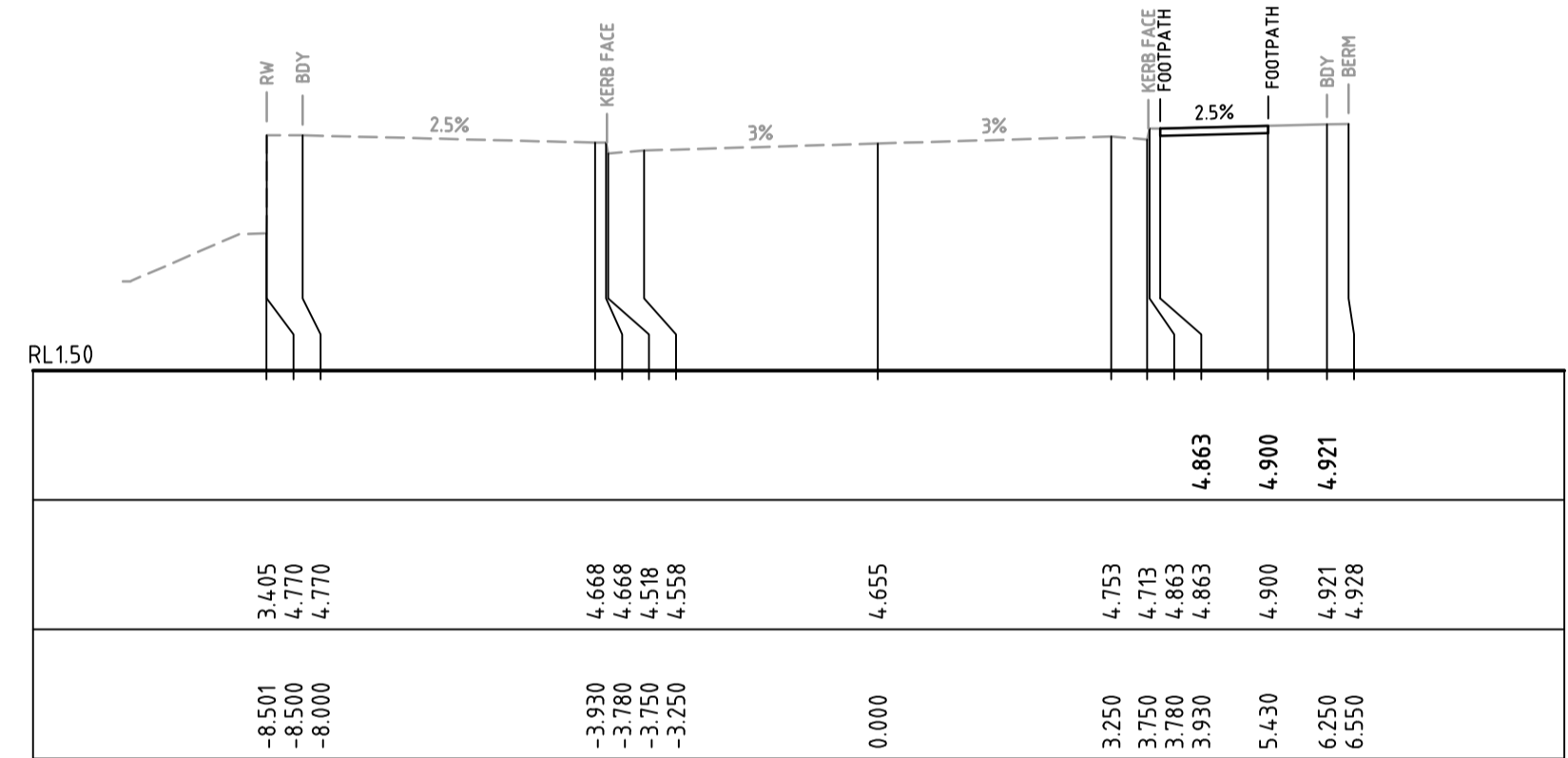




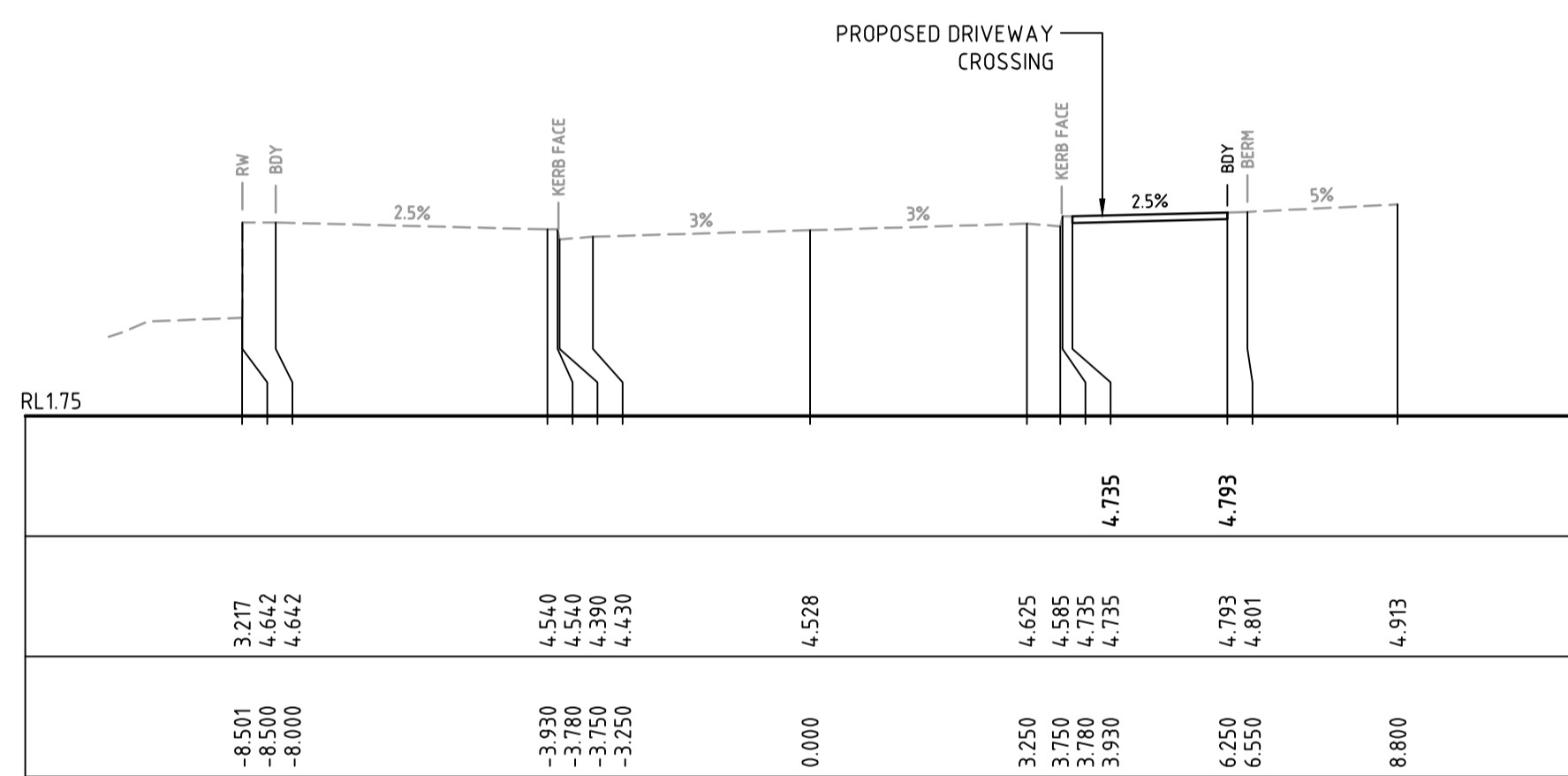
CH 100



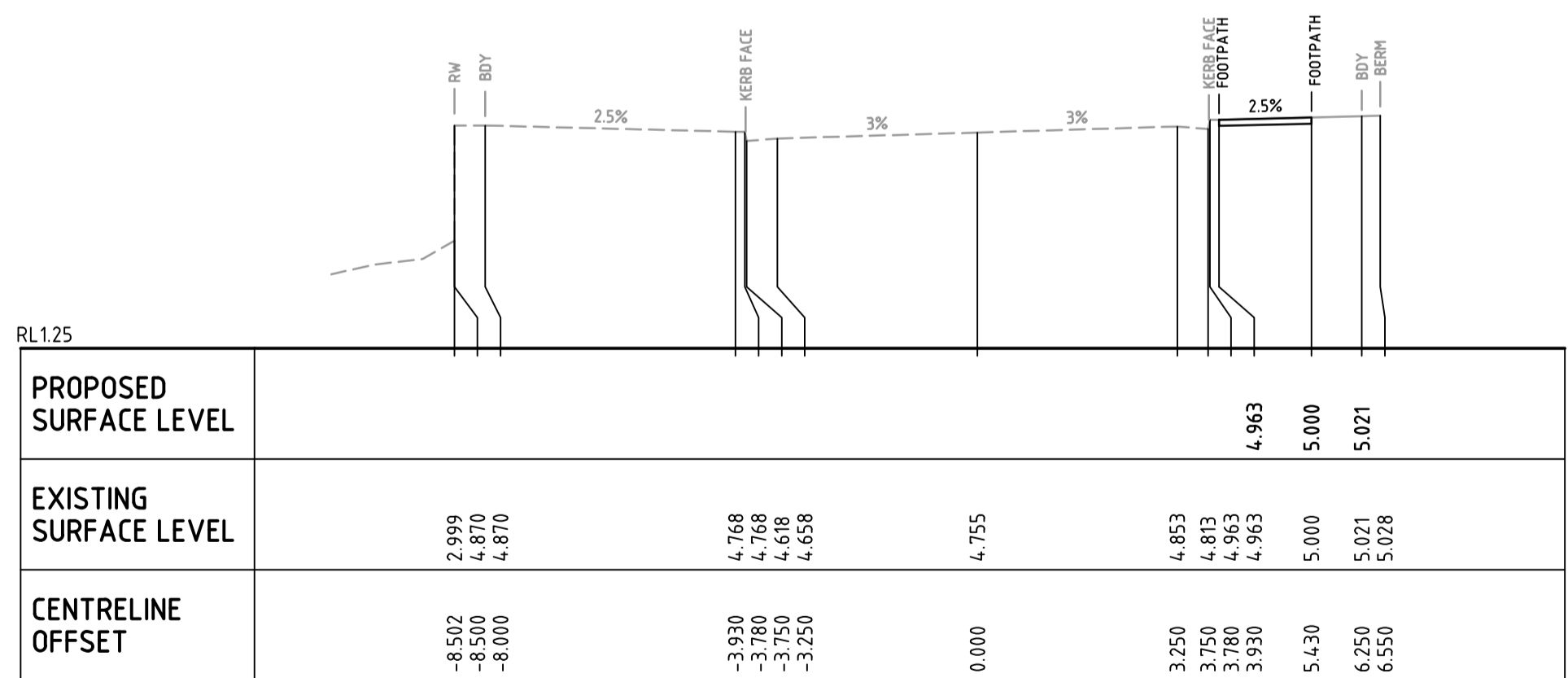
CH 113.001



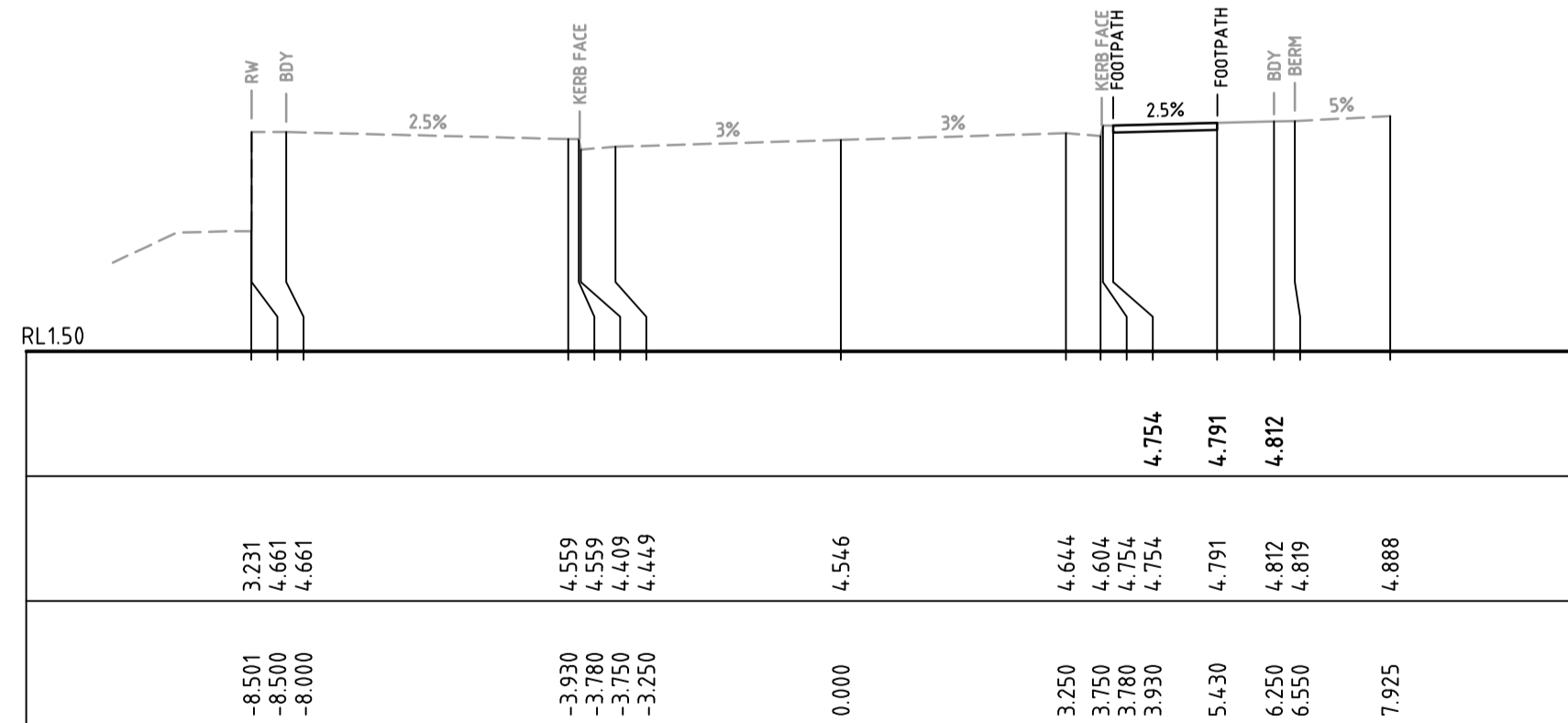
CH 80



CH 109.288

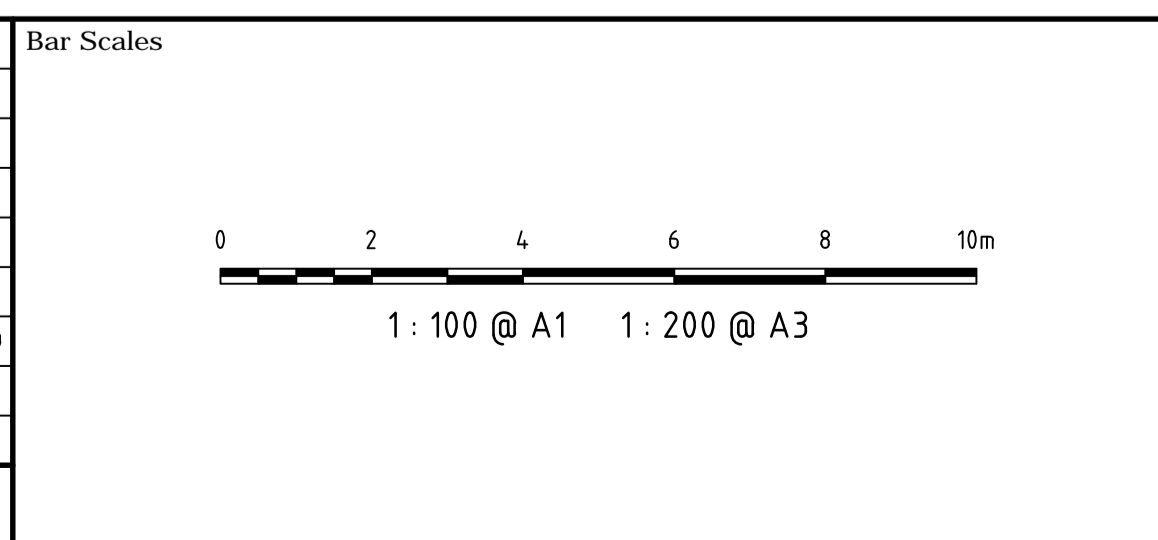


CH 60



CH 101.788

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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 Level 11, 528 Kent Street, Sydney NSW 2000  
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 Email: info@design.meriton.com.au  
 Internet: http://www.meriton.com.au

Scales	1 : 100 @ A1	Drawn	GJ
Grid	MGA	Designed	GJ
Height Datum	AHD	Checked	AT
		Approved	

Project  
**2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE**

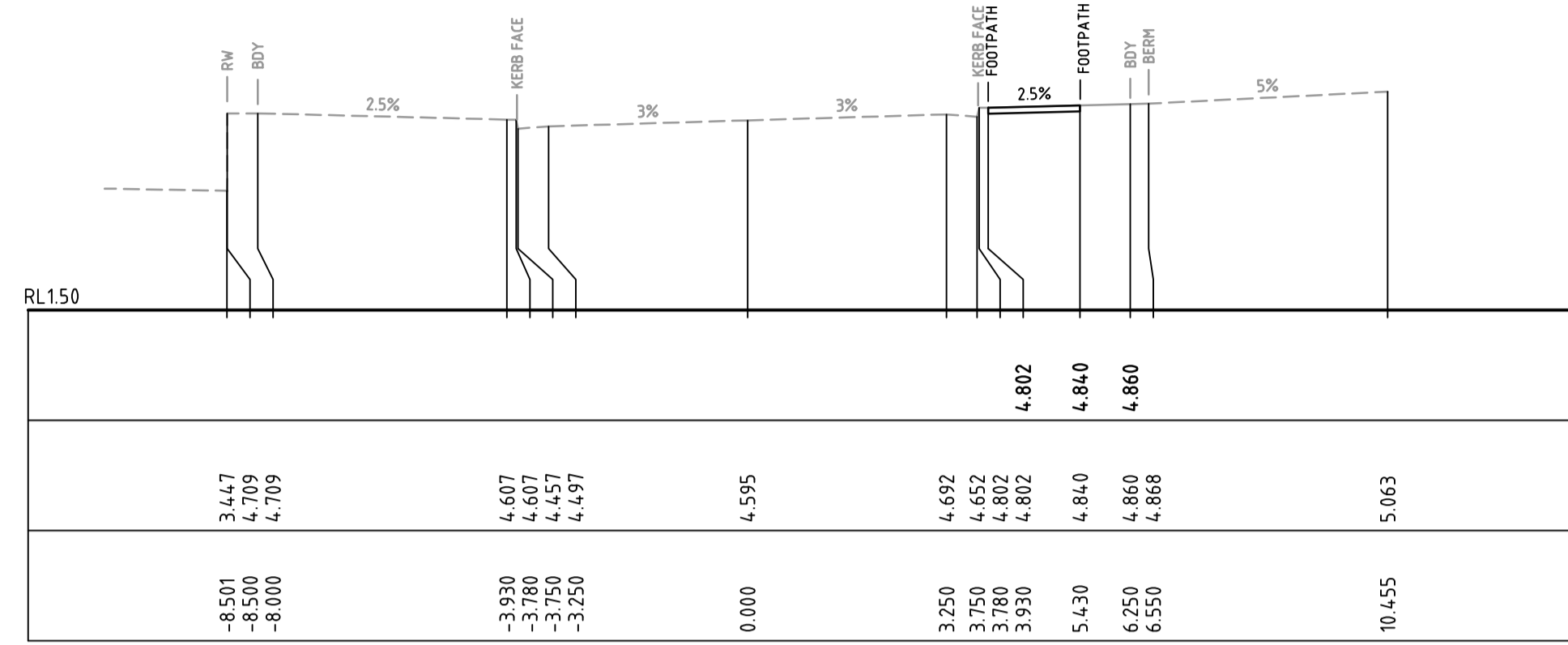
Title  
**MC01 CROSS SECTIONS SHEET 2**

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 9460 8413  
 www.atl.net.au  
 info@atl.net.au

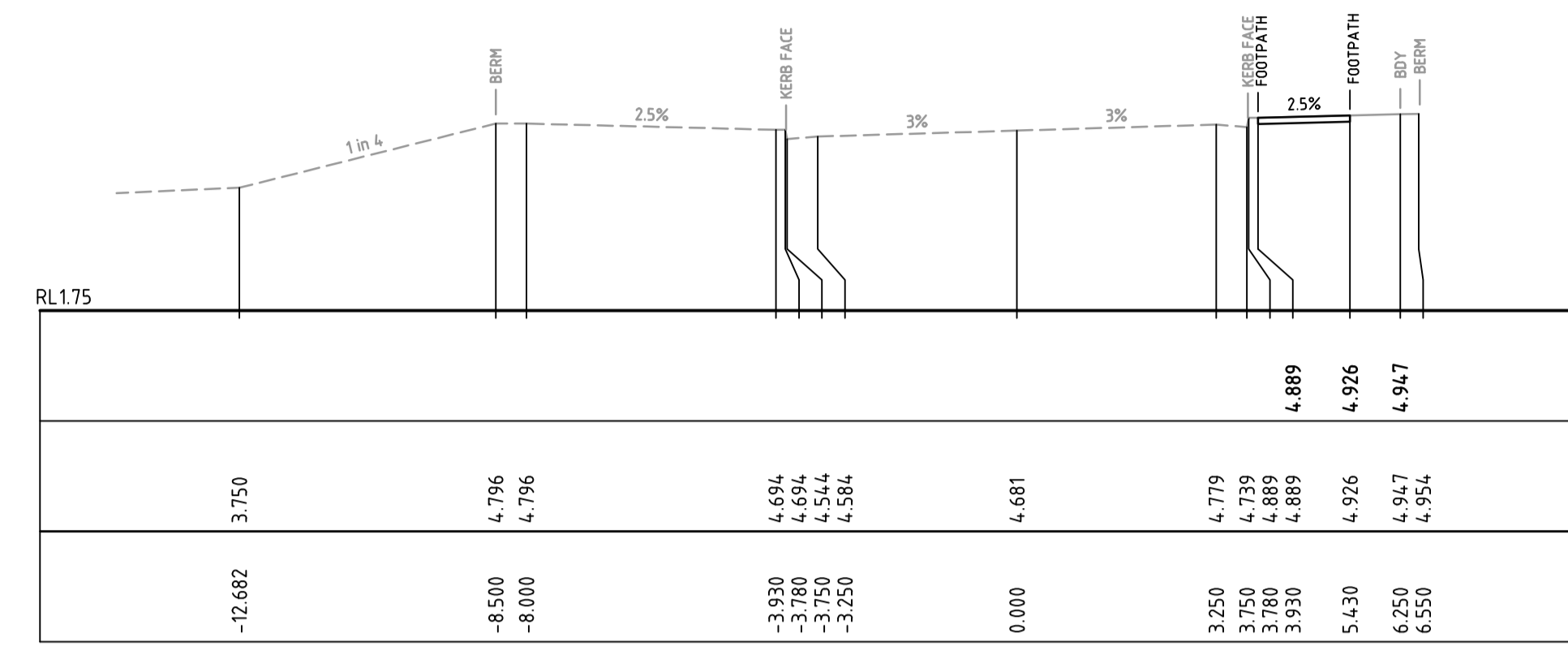
Status  
**FOR APPROVAL**  
 NOT TO BE USED FOR CONSTRUCTION

Drawing No.	Project No.	Issue
C051	18-580	C

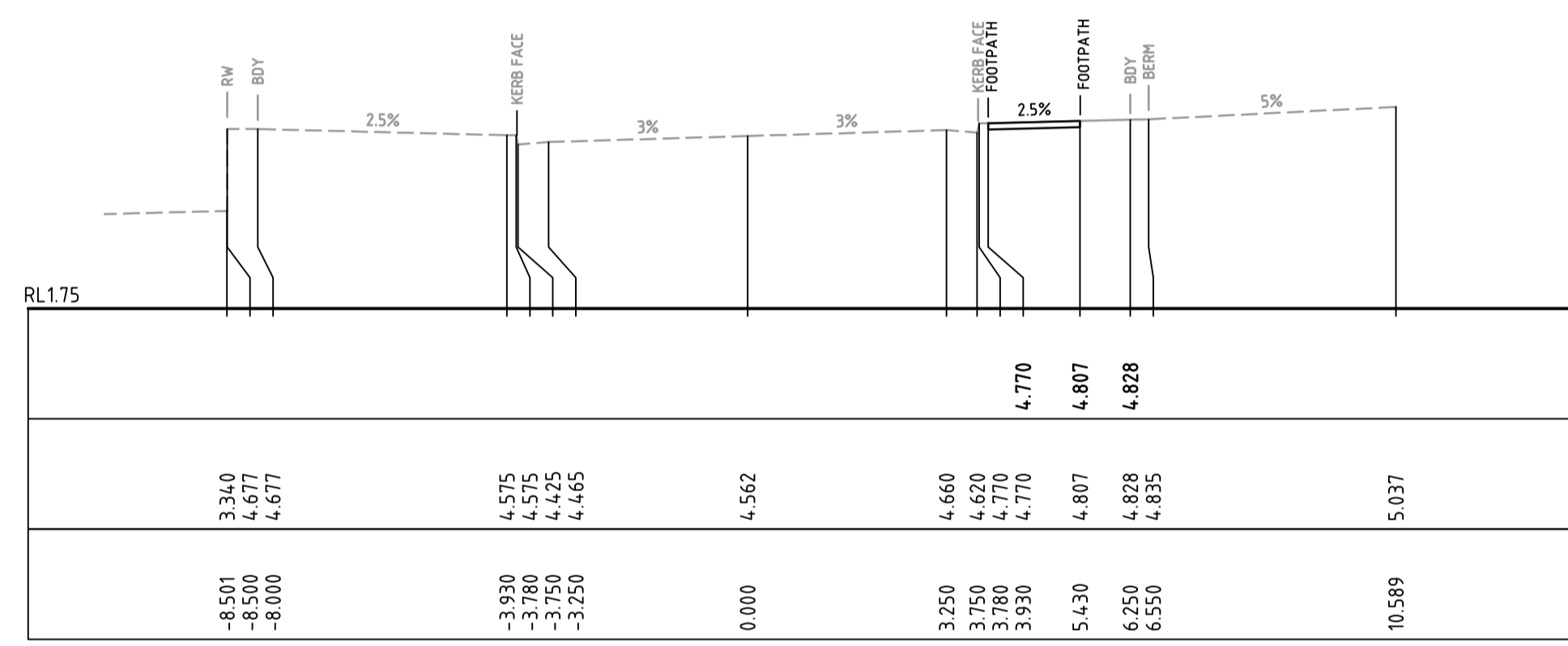




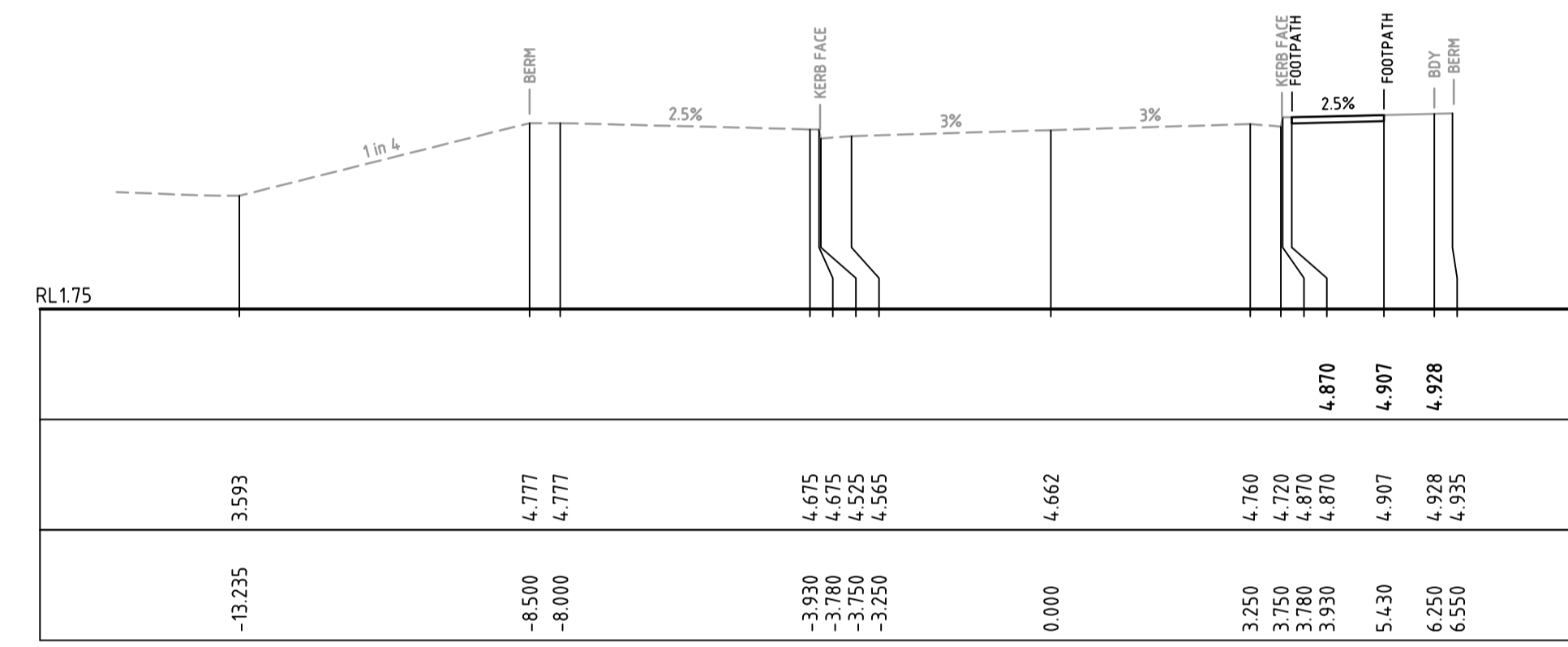
CH 126.476



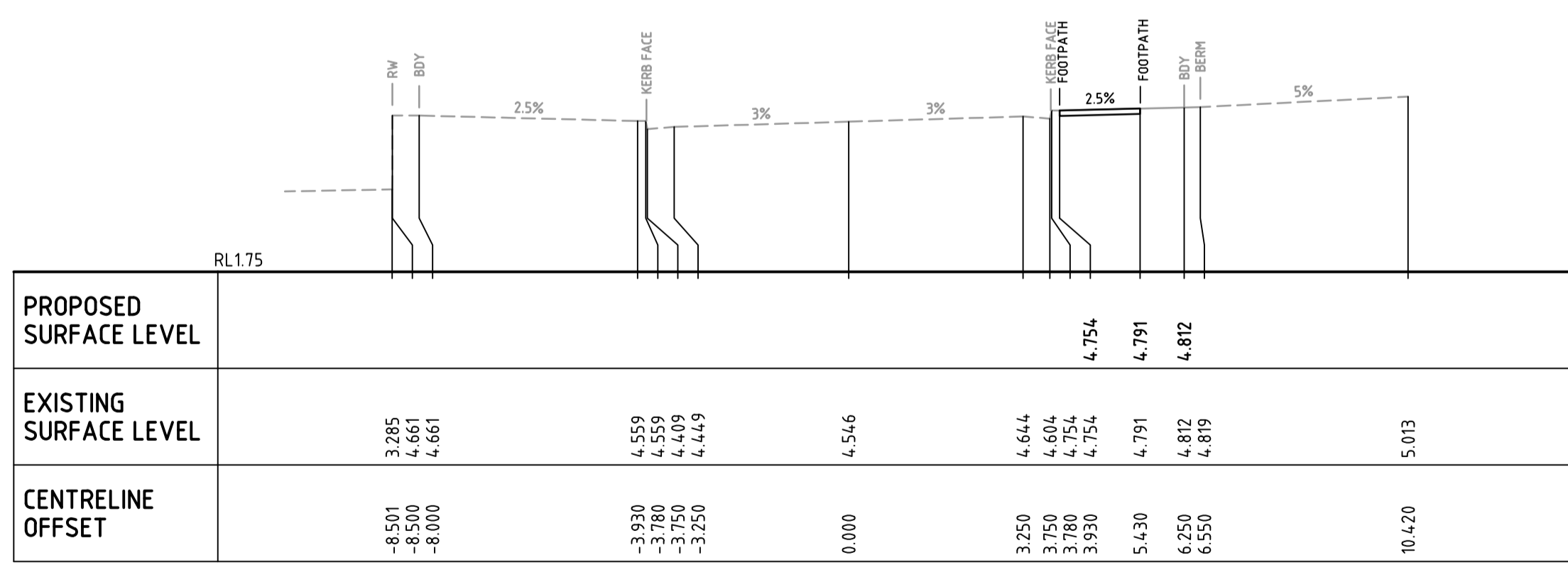
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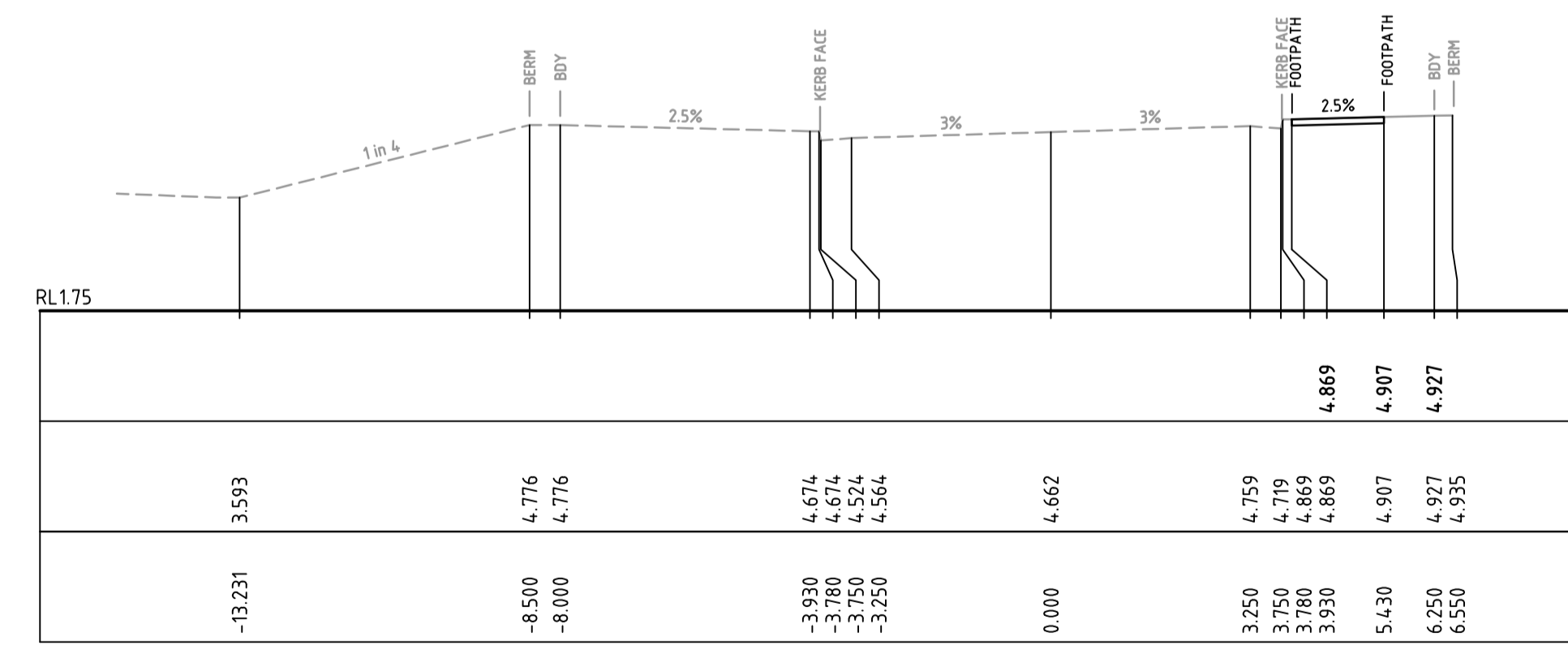
CH 120



CH 140



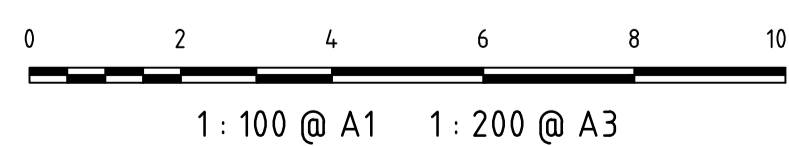
CH 116.788



CH 139.848

PROPOSED SURFACE LEVEL	
EXISTING SURFACE LEVEL	
CENTRELINE OFFSET	

Bar Scales



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Internet: http://www.meriton.com.au

Scales	1 : 100 @ A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project  
**2 MACPHERSON STREET  
WARRIEWOOD  
SUBDIVISION  
PACKAGE**

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 9460 8413  
www.atl.net.au  
info@atl.net.au

Title  
**MC01  
CROSS SECTIONS  
SHEET 3**

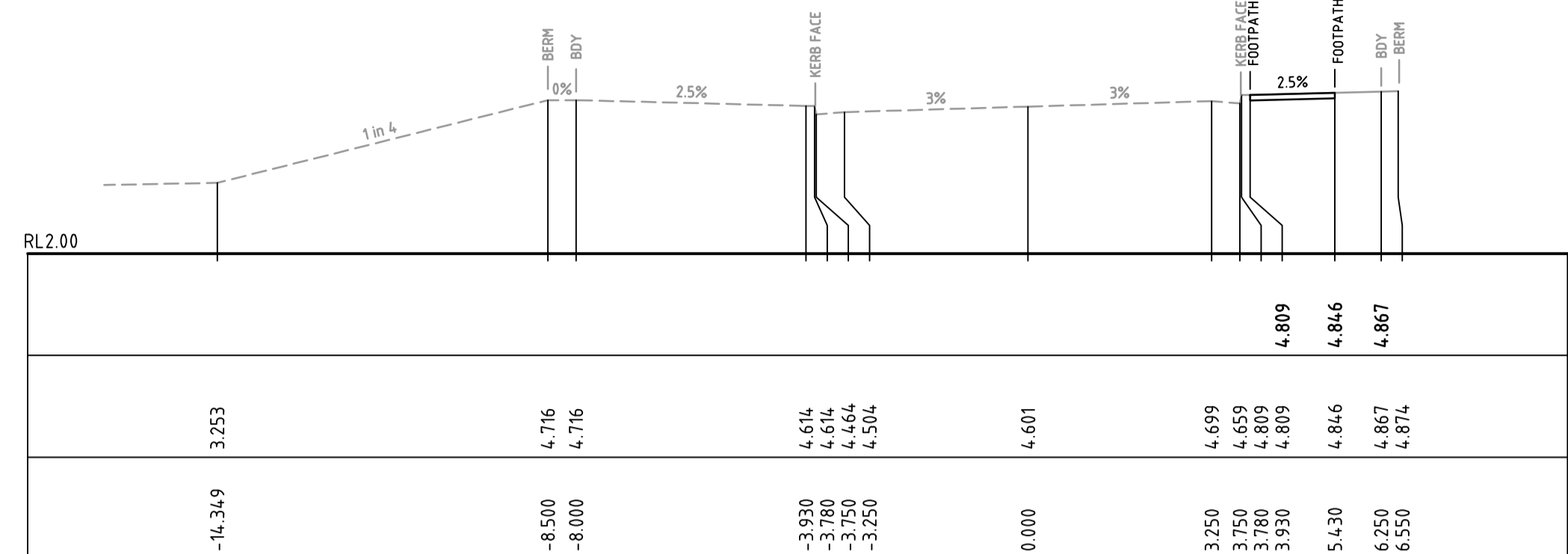
Status	<b>FOR APPROVAL</b>	A1
NOT TO BE USED FOR CONSTRUCTION		
Drawing No.	18-580	Issue
C052		C

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19

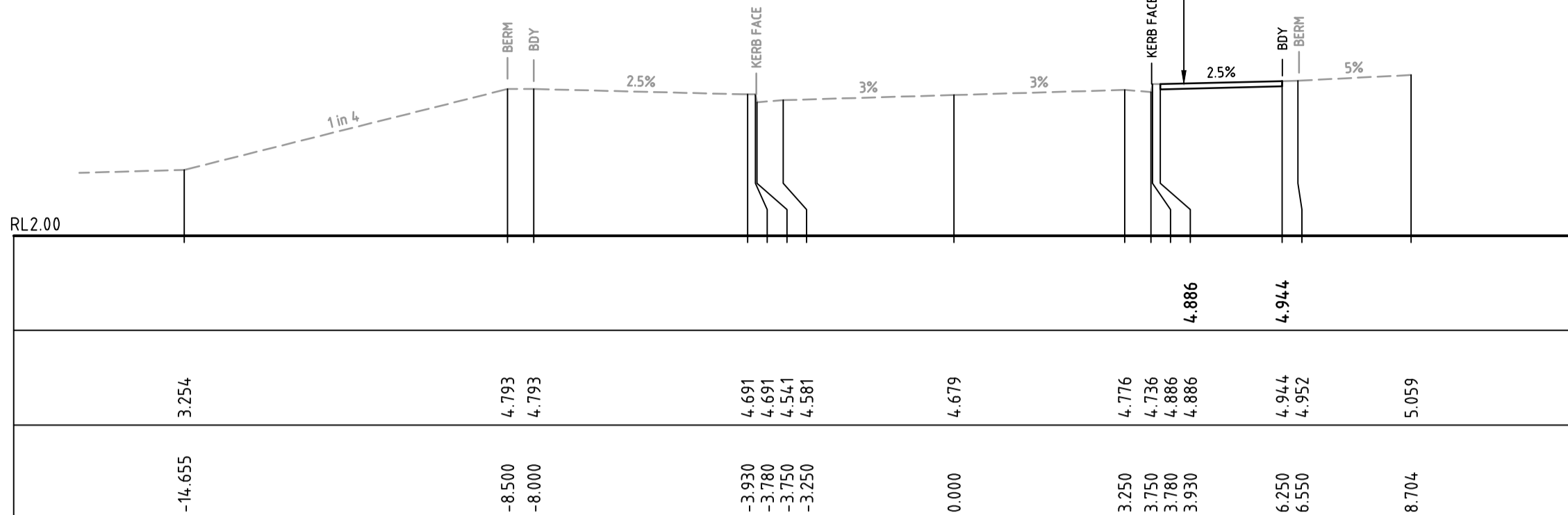




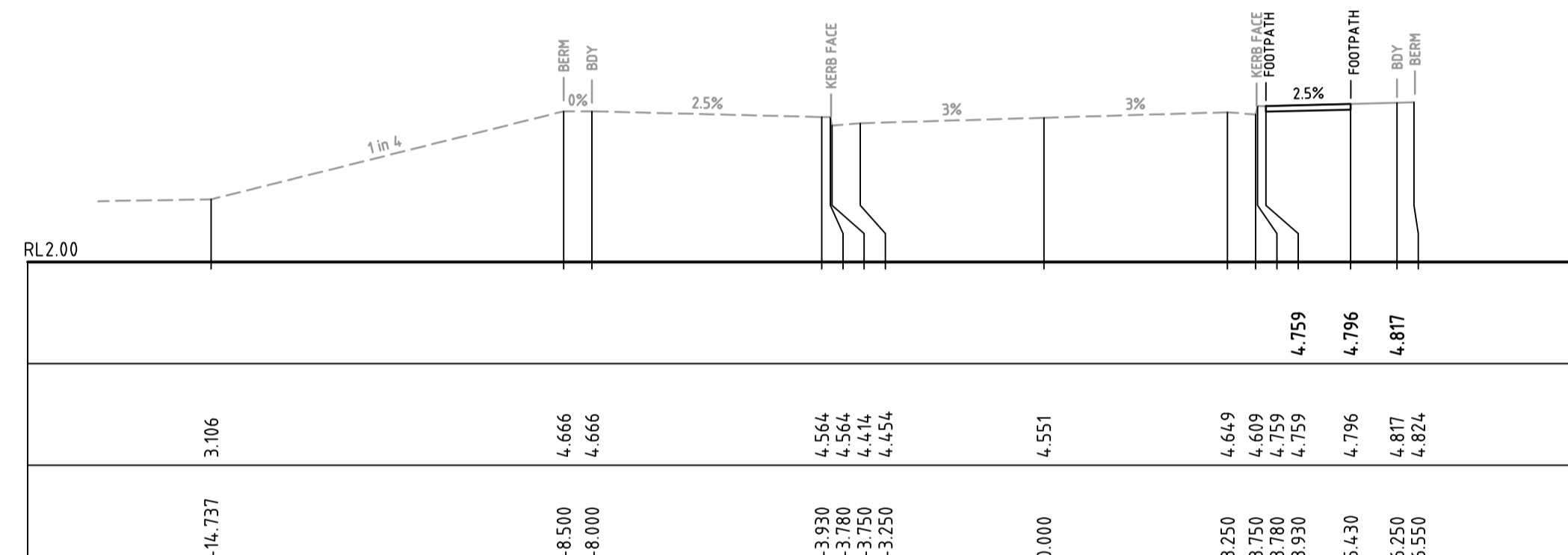




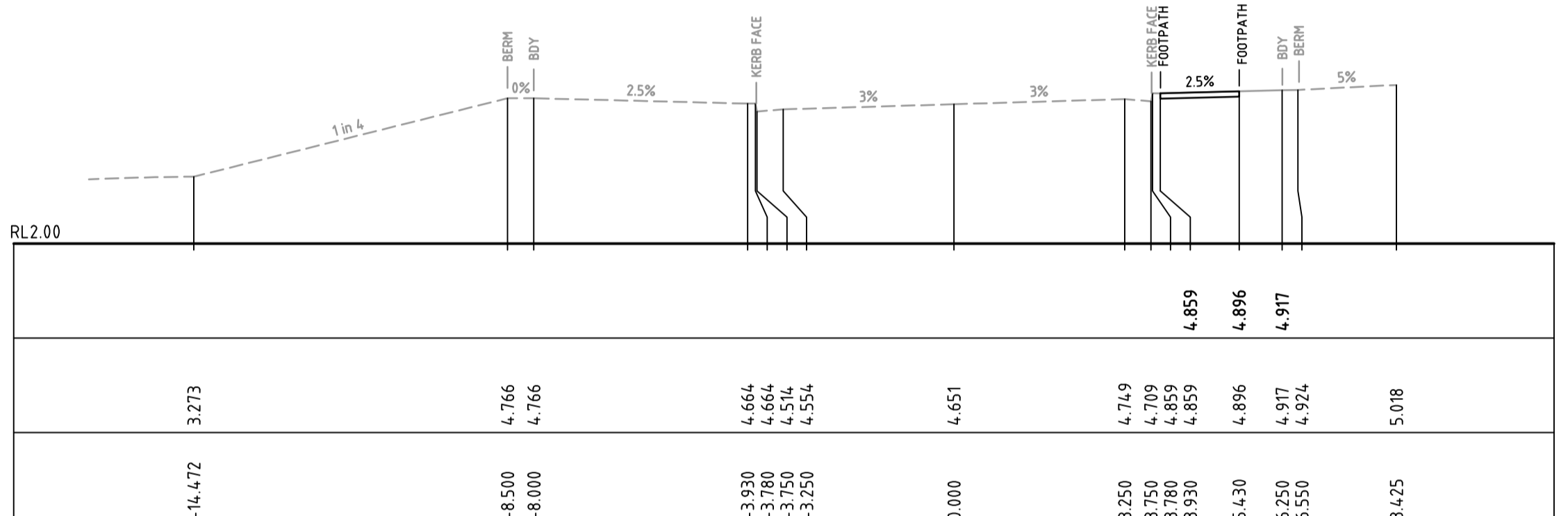
CH 210



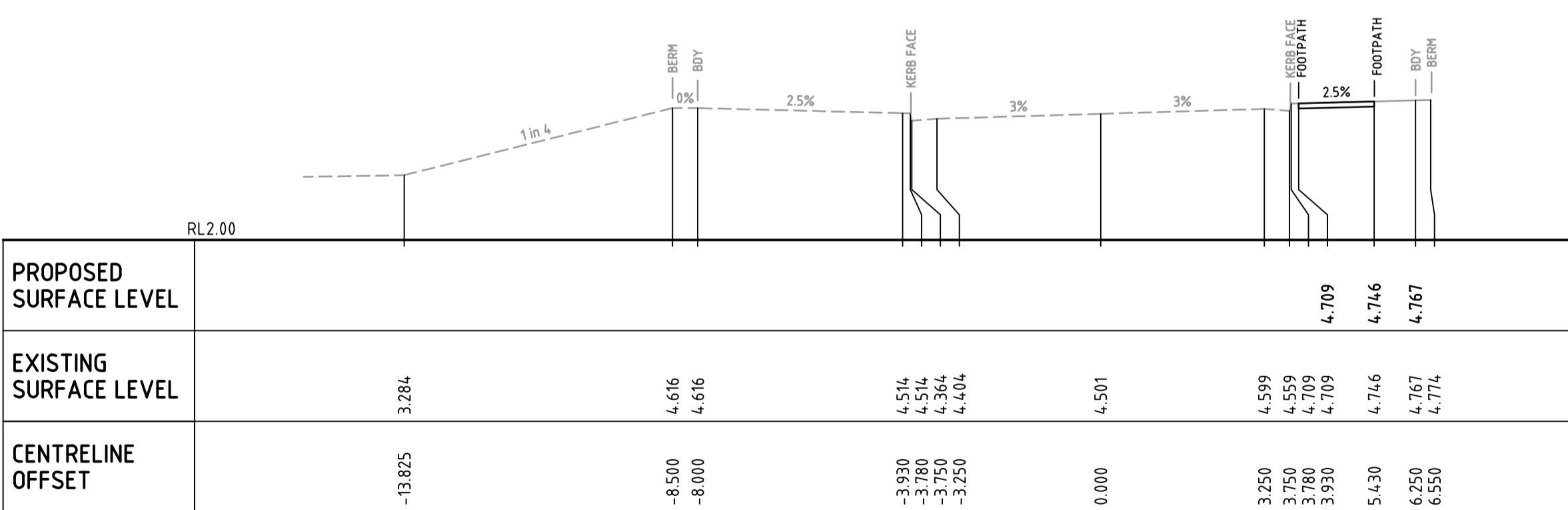
CH 225.46



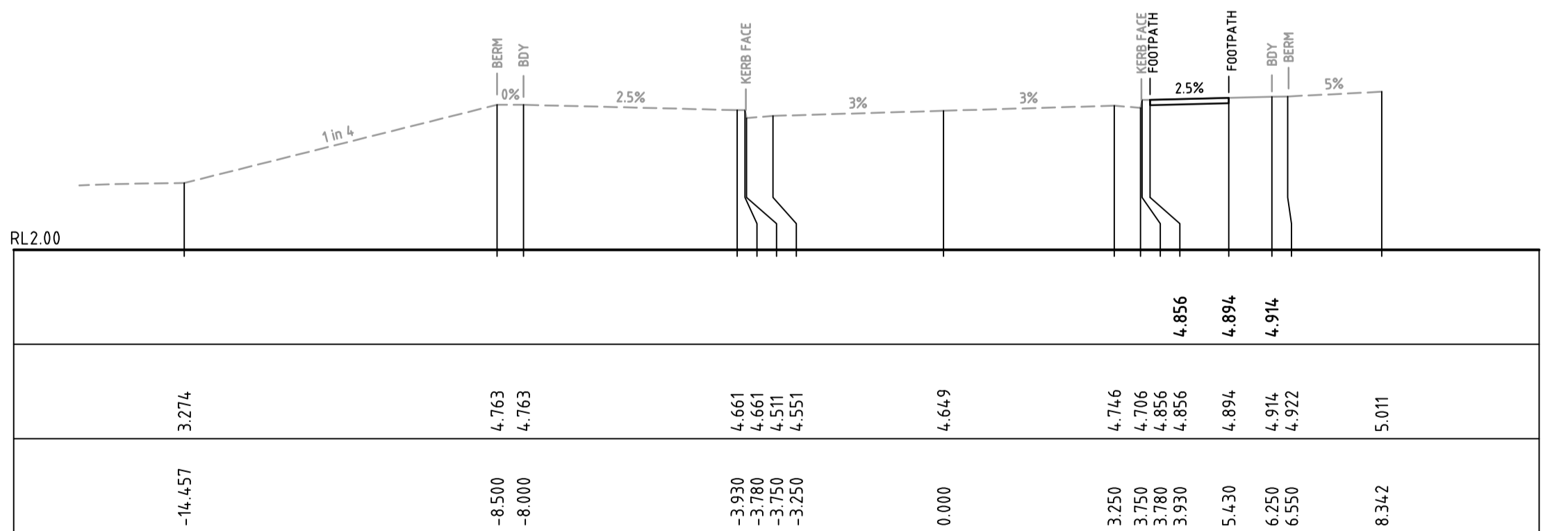
CH 200



CH 220



CH 190

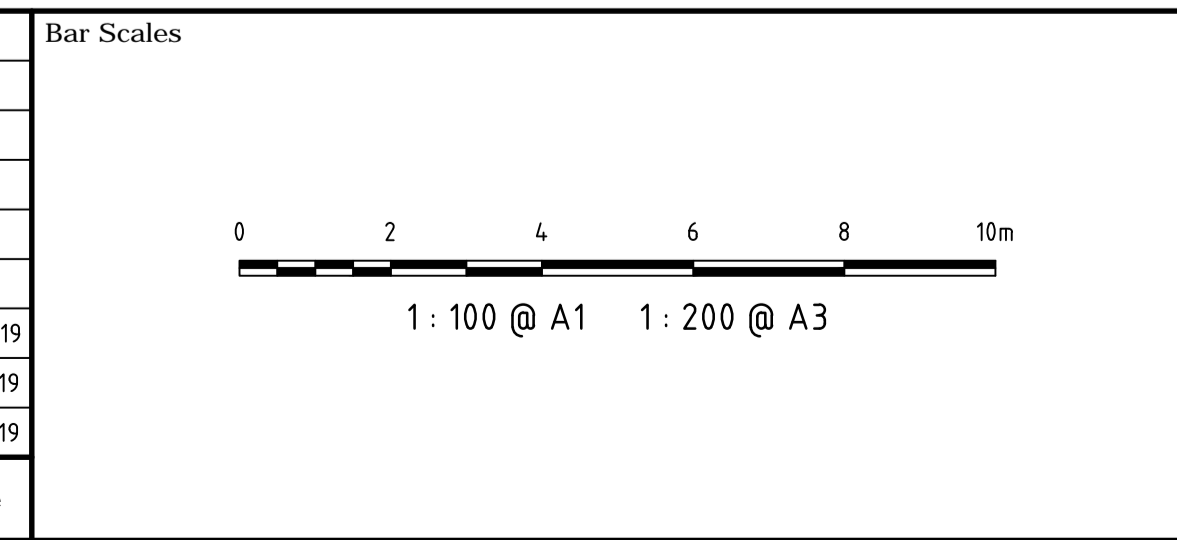


CH 219.421

	PROPOSED SURFACE LEVEL	EXISTING SURFACE LEVEL	CENTRELINE OFFSET
		3.284	-13.825
		4.616	-8.500
		4.616	-8.000
		4.514	-3.930
		4.514	-3.780
		4.384	-3.750
		4.404	-3.250
		4.501	0.000
		4.599	3.250
		4.559	3.750
		4.709	3.780
		4.709	3.930
		4.746	5.430
		4.767	6.250
		4.774	6.550

RL2.00

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Email: info@design.meriton.com.au  
Internet: http://www.meriton.com.au

Scales	1 : 100 @ A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project

**2 MACPHERSON STREET  
WARRIEWOOD  
SUBDIVISION  
PACKAGE**

Title

**MC01  
CROSS SECTIONS  
SHEET 5**

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 9460 8413  
www.atl.net.au  
info@atl.net.au

Status

**FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION**

Drawing No.	Project No.	Issue
C054	18-580	C

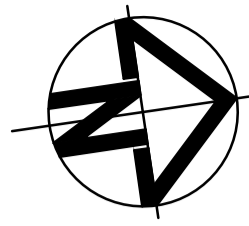








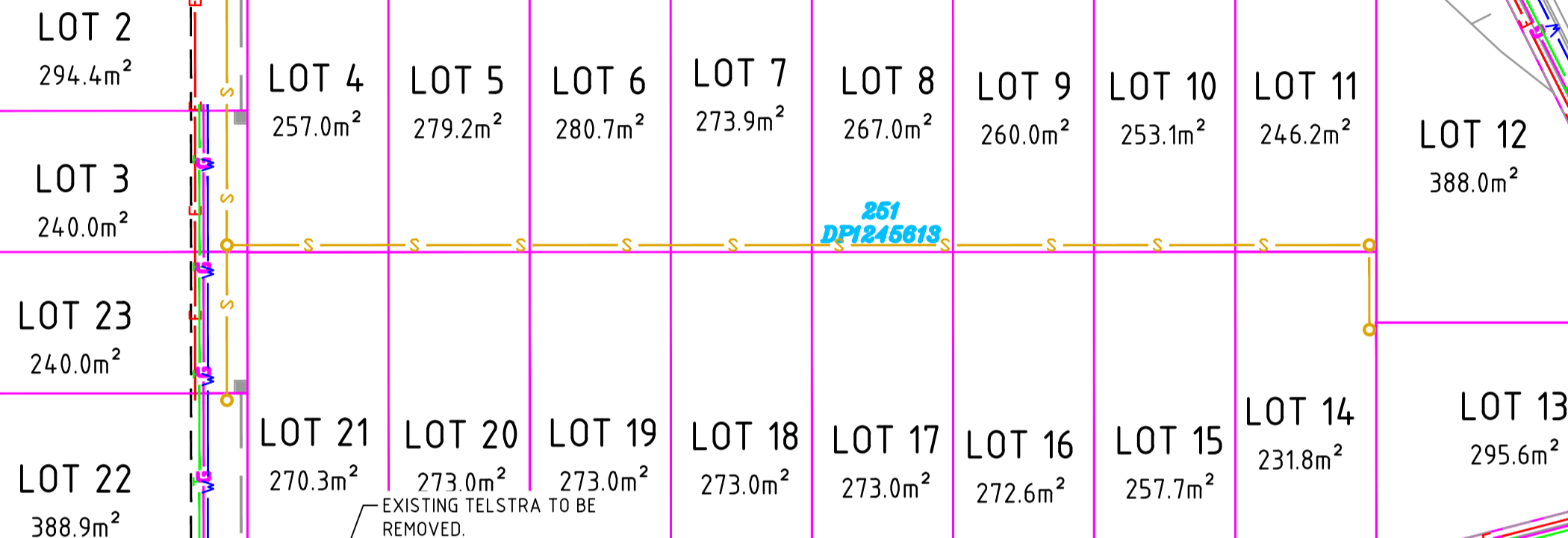




EXISTING SERVICES WITHIN MACPHERSON STREET ARE TO BE PROTECTED DURING CONSTRUCTION TO THE SATISFACTION OF THE UTILITY AUTHORITY AND THE SUPERINTENDENT

MACPHERSON STREET

MACPHERSON STREET



EXISTING SERVICES WITHIN MACPHERSON STREET ARE TO BE PROTECTED DURING CONSTRUCTION TO THE SATISFACTION OF THE UTILITY AUTHORITY AND THE SUPERINTENDENT

CONNECTION POINTS PROVIDED BY NORTHERN BEACHES COUNCIL DURING MACPHERSON STREET UPGRADE TO BE PROTECTED DURING CONSTRUCTION

SEWER TO BE BORED UNDER EXISTING RETAINING WALL

EXISTING TELSTRA TO BE REMOVED.

EXISTING DRAINAGE CHANNEL

EXISTING ROAD (MC01)

EXISTING ROAD (MC01)

EXISTING ROAD (MC01)

NARRABEEN CREEK

NARRABEEN CREEK

**SERVICES LEGEND**

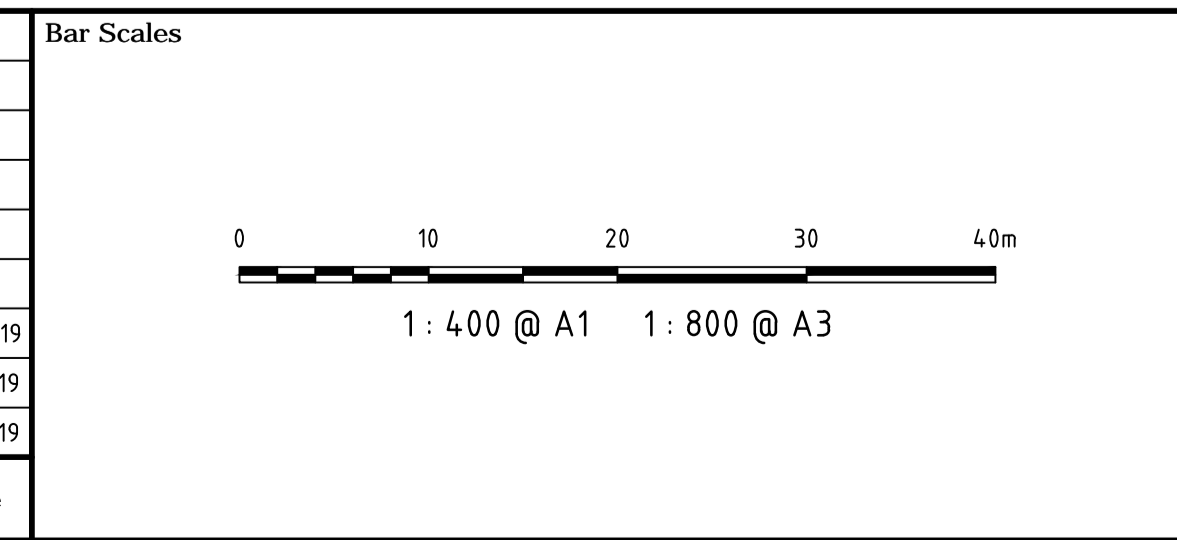
- EXISTING**
- EXISTING BOUNDARY
  - EXISTING TREE
  - ELECTRICITY
  - ELECTRICITY OVERHEAD
  - TELSTRA CONDUITS
  - NBN SERVICE
  - SEWER SERVICE
  - WATER SERVICE
  - GAS SERVICE
  - STORMWATER
  - WATER HYDRANT
  - WATER STOP VALVE
  - SEWER MANHOLE
  - POWER POLE
  - TELSTRA PIT
  - EXISTING POWER POLE
  - EXISTING BIODIVERSITY EXTENTS
  - EXISTING KERB & GUTTER
  - EXISTING ROLL TOP KERB AND GUTTER
  - EXISTING BATTER
  - EXISTING ROCK RETAINING WALL
  - EXISTING RETAINING WALL
  - EXISTING STORMWATER PIPE (SHOWING SIZE)
  - EXISTING STORMWATER KERB INLET PIT
  - EXISTING STORMWATER SURFACE INLET PIT
  - EXISTING STORMWATER RAINGARDEN
- PROPOSED**
- PROPOSED BOUNDARY
  - PROPOSED EASEMENT
  - ELECTRICAL SERVICE
  - LIGHTING SERVICE
  - SEWER SERVICE
  - SEWER MANHOLE
  - WATER SERVICE
  - GAS SERVICE
  - COMMUNICATIONS SERVICE

- NOTES**
1. ROADWORKS, EARTHWORKS, STORMWATER AND CREEK WORKS TO FORM PART OF THE EARLY WORKS PACKAGE. REFER TO THE EARLY WORKS PACKAGE FOR DETAILS. DRIVEWAYS ARE SHOWN FOR COORDINATION PURPOSES ONLY AND ARE SUBJECT TO INDIVIDUAL LOT APPROVALS.
  2. SERVICE ALIGNMENTS AND CONNECTION DETAILS ARE SUBJECT TO INDIVIDUAL UTILITIES AND LOT APPROVAL SHOULD BE CONSIDERED INDICATIVE ONLY.
  3. REFER DRAWING C020 FOR CIVIL DETAILS.
  4. SEWER AND WATER DESIGN TO BE CONFIRMED BY A SYDNEY WATER ACCREDITED WSC.
  5. ELECTRICAL AND NBN DESIGN TO BE CONFIRMED BY A LEVEL 3 ELECTRICAL DESIGNER
  6. GAS RETICULATION DESIGN TO BE PROVIDED BY JEMENA



CONTRACTOR SHALL CALL:  
DIAL BEFORE YOU DIG 1100  
PRIOR TO COMMENCEMENT OF WORK TO OBTAIN ALL CURRENT SERVICE AUTHORITY PLANS

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Client

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Internet: http://www.meriton.com.au

Scales	1 : 400 @ A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project  
**2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE**

Title  
**SERVICES AND UTILITIES COORDINATION PLAN**

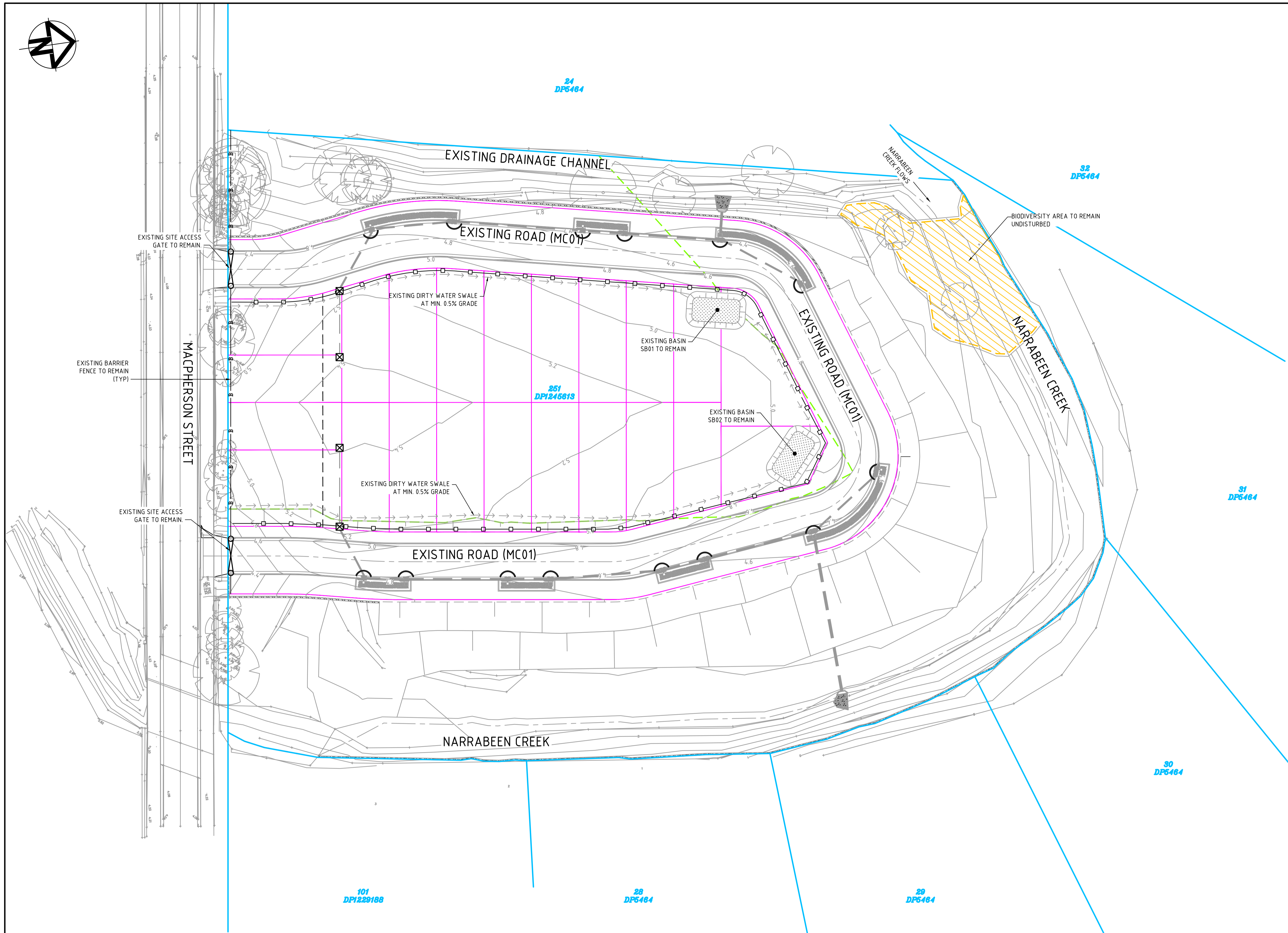
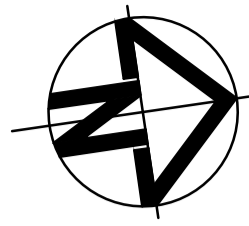
Civil Engineers and Project Managers

**at&l**

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North Sydney NSW 2060  
ABN 96 130 882 405  
Tel: 02 9439 1777  
Fax: 02 9460 8413  
www.atl.net.au  
info@atl.net.au

Status	<b>FOR APPROVAL</b>	A1
NOT TO BE USED FOR CONSTRUCTION		
Drawing No.	Project No.	Issue
C070	18-580	C



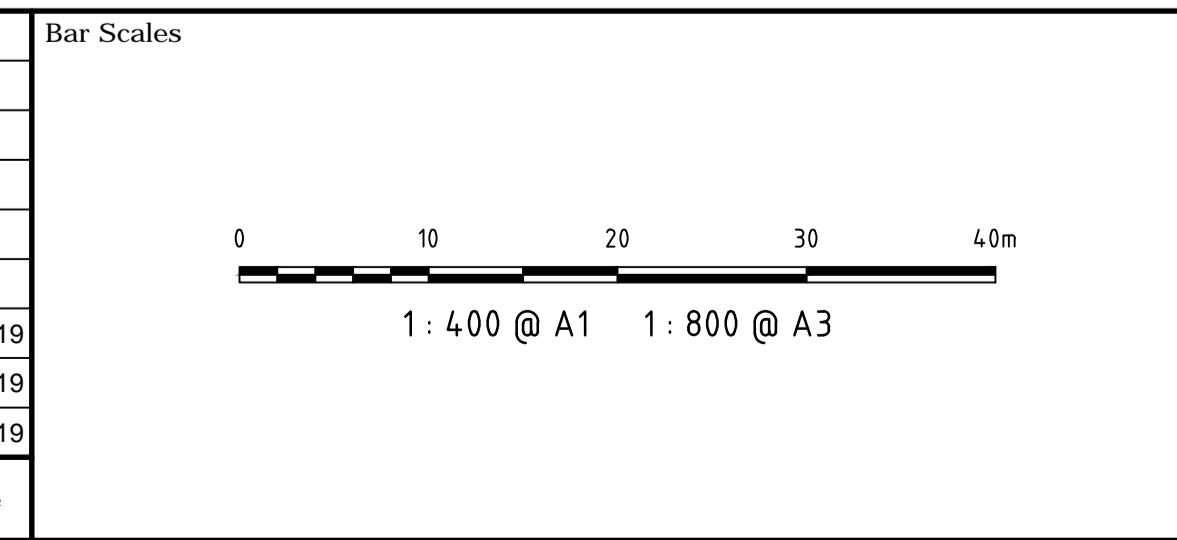


**ESC LEGEND**

EXISTING	
	EXISTING BOUNDARY
	EXISTING CONTOUR
	EXISTING TREE
	EXISTING BIODIVERSITY EXTENTS
	EXISTING SEDIMENT FENCE (SD 6-8)
	EXISTING CATCH DRAIN
	EXISTING BARRIER FENCE
	MESH AND GRAVEL INLET FILTER (SD 6-11)
	GEOTEXTILE INLET (SD 6-12)
	EXISTING SITE ACCESS GATE
	EXISTING SEDIMENT BASIN
	EXISTING STORMWATER PIPE
PROPOSED	
	PROPOSED BOUNDARY

- NOTES**
- ROADWORKS, EARTHWORKS, STORMWATER AND CREEK WORKS TO FORM PART OF THE EARLY WORKS PACKAGE. REFER TO THE EARLY WORKS PACKAGE FOR DETAILS.
  - DRIVEWAYS ARE SHOWN FOR COORDINATION PURPOSES ONLY AND ARE SUBJECT TO INDIVIDUAL LOT APPROVALS.
  - EROSION AND SEDIMENT CONTROLS TO SUIT CONSTRUCTION STAGING OF FUTURE ON-LOT WORKS.

Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Scales	1 : 400 @ A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project

**2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE**

Title

**SEDIMENTATION AND EROSION CONTROL PLAN**

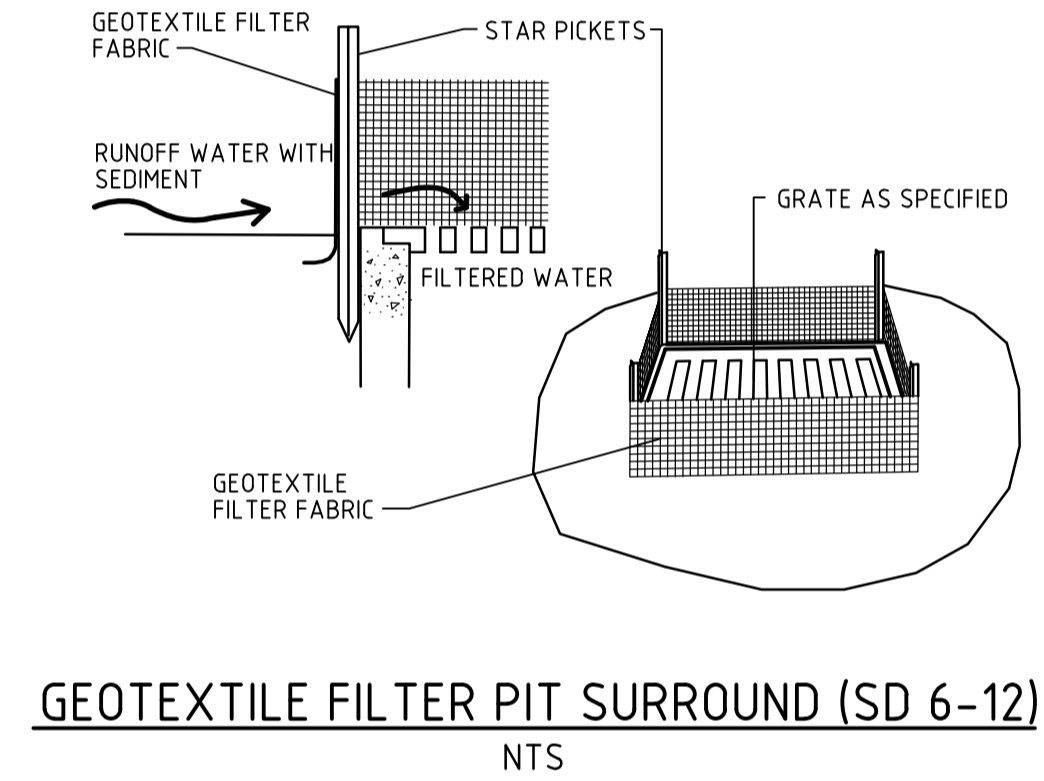
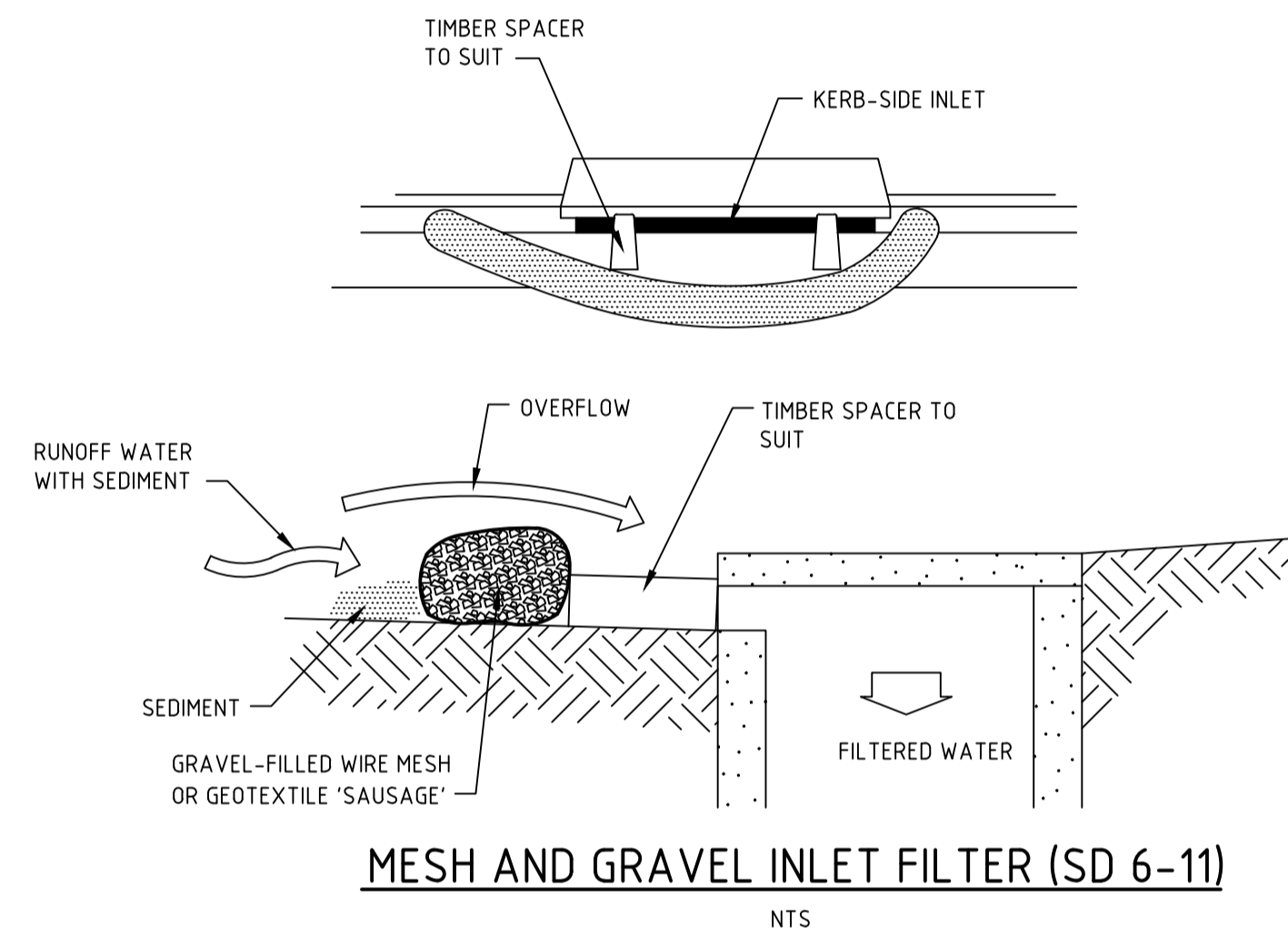
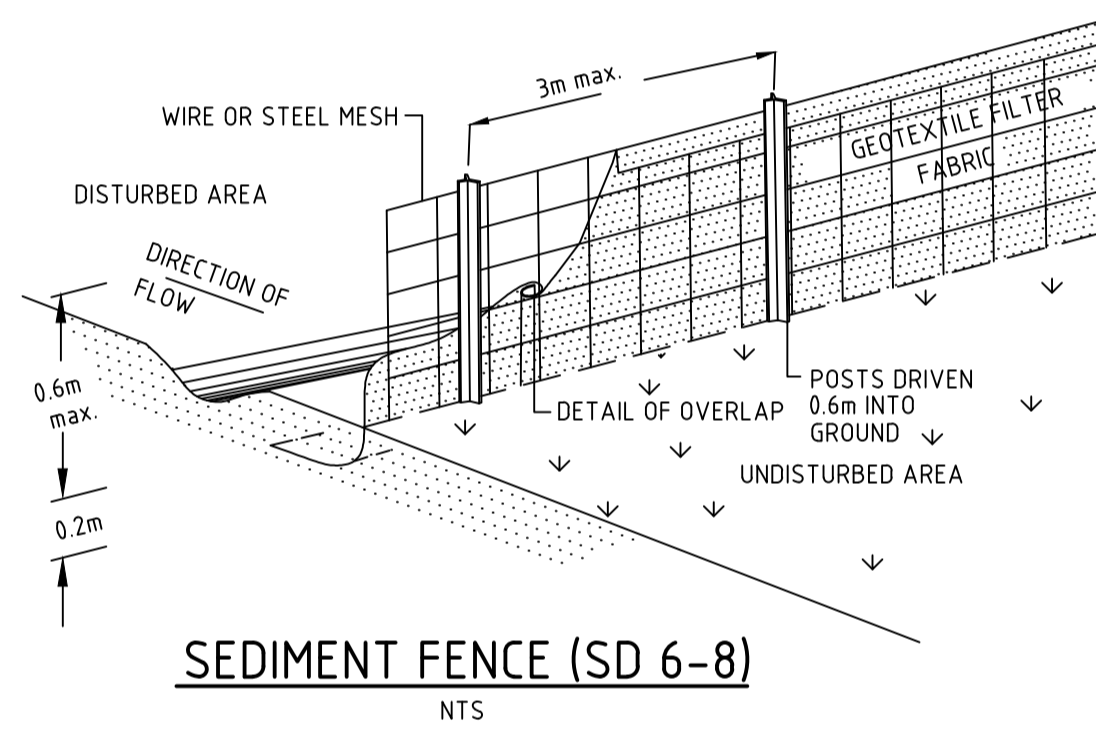
Civil Engineers and Project Managers

**at&l**

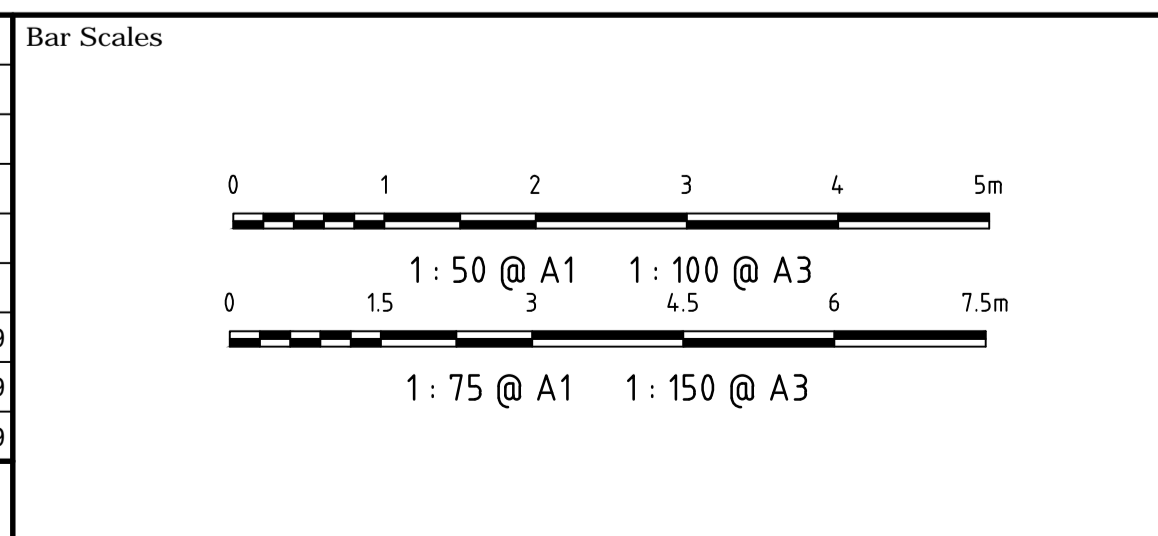
Level 7, 153 Walker Street  
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ABN 96 130 882 405  
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www.atl.net.au  
info@atl.net.au

Status	<b>FOR APPROVAL</b>	A1
NOT TO BE USED FOR CONSTRUCTION		
Drawing No.	Project No.	Issue
C080	18-580	C





Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Scales	AS SHOWN	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project

**2 MACPHERSON STREET  
WARRIEWOOD  
SUBDIVISION  
PACKAGE**

Title

**SEDIMENTATION  
AND EROSION  
CONTROL  
DETAILS**

Civil Engineers and Project Managers

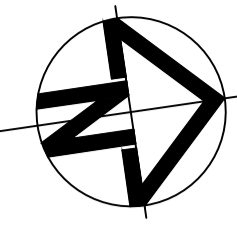
Level 7, 153 Walker Street  
North Sydney NSW 2060  
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Tel: 02 9439 1777  
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www.atl.net.au  
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Status	<b>FOR APPROVAL</b>	<b>A1</b>
NOT TO BE USED FOR CONSTRUCTION		
Drawing No.	Project No.	Issue
C081	18-580	C





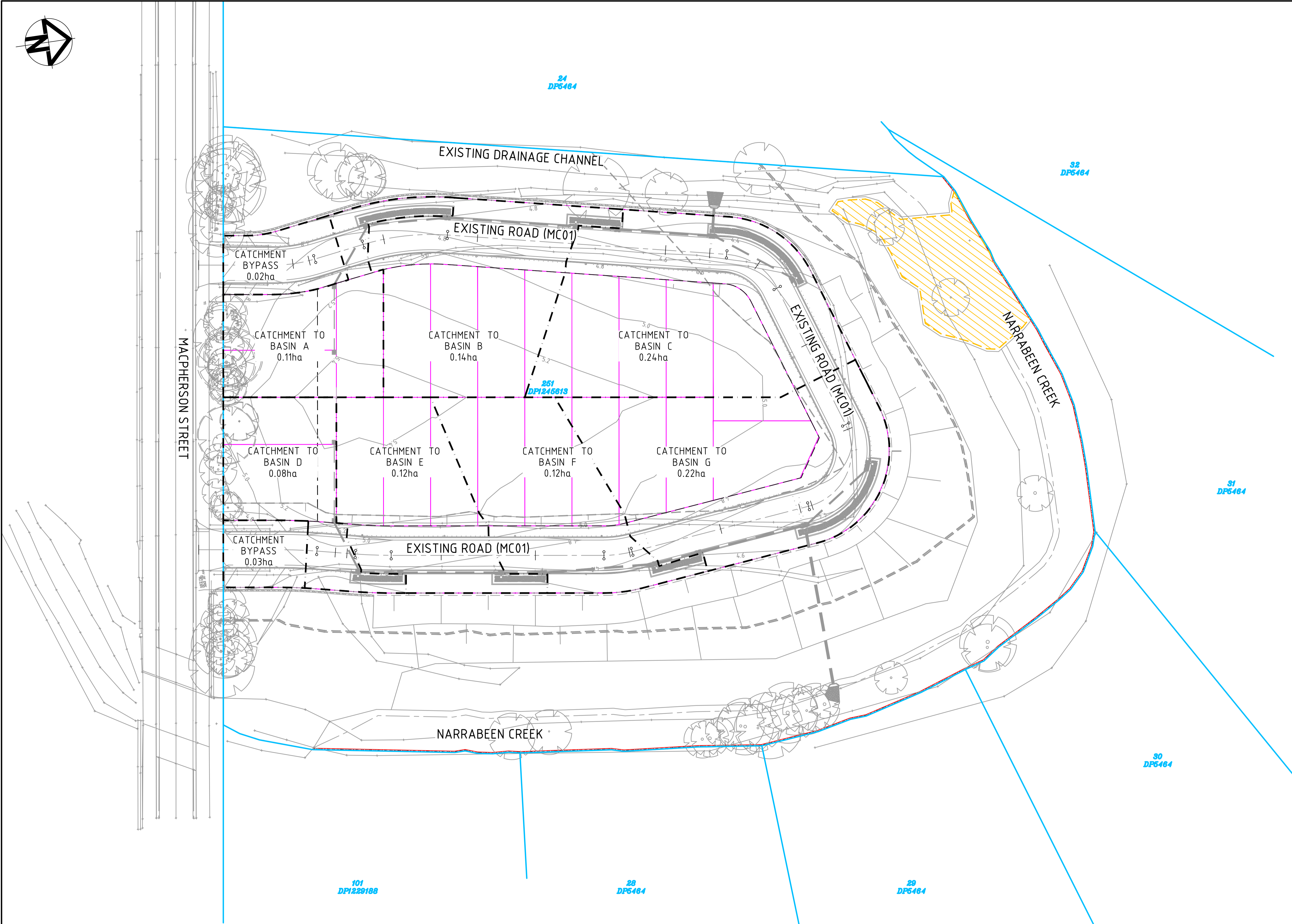




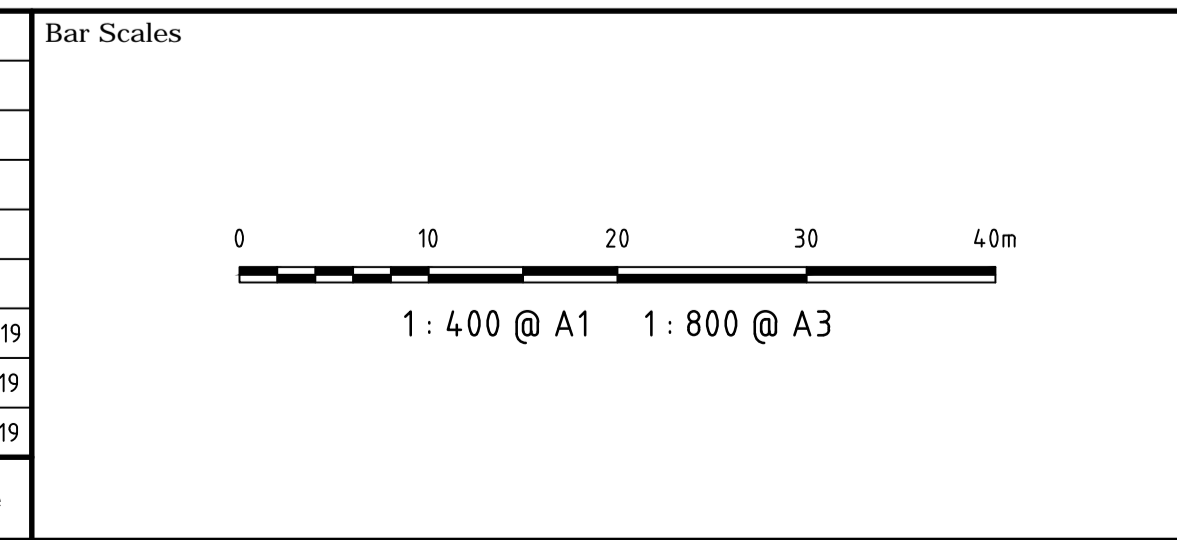
**SW CATCHMENT LEGEND**

- EXISTING**
- EXISTING BOUNDARY
  - EXISTING CONTOUR
  - EXISTING TREE
- WORKS INSTALLED AS PART OF DA N03981**
- EXISTING BIODIVERSITY EXTENTS
  - K&G EXISTING KERB & GUTTER
  - RK EXISTING ROLL TOP KERB AND GUTTER
  - EXISTING BATTER
  - RRW EXISTING ROCK RETAINING WALL
  - RW EXISTING RETAINING WALL
  - 375ø EXISTING STORMWATER PIPE (SHOWING SIZE)
  - EXISTING STORMWATER KERB INLET PIT
  - EXISTING STORMWATER SURFACE INLET PIT
  - EXISTING STORMWATER RAINGARDEN
- PROPOSED**
- PROPOSED EASEMENT
  - PROPOSED CREEK CENTERLINE
  - PROPOSED 25m RIPARIAN CORRIDOR
  - PROPOSED 25m PRIVATE BUFFER
  - STORMWATER CATCHMENT BOUNDARY
  - CATCHMENT TO BASIN E 0.12ha STORMWATER CATCHMENT IDENTIFICATION

- NOTES**
- REFER DRAWING C020 FOR CIVIL DETAILS.
  - DRIVEWAYS ARE SHOWN FOR COORDINATION PURPOSES ONLY AND ARE SUBJECT TO INDIVIDUAL LOT APPROVALS.



Issue	Description	Date
C	ISSUED FOR APPROVAL	22-07-19
B	ISSUED FOR APPROVAL	17-07-19
A	ISSUED FOR APPROVAL	12-07-19



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Client

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Scales	1 : 400 @ A1	Drawn	GJ
		Designed	GJ
Grid	MGA	Checked	AT
Height Datum	AHD	Approved	

Project

**2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE**

Title

**INTERNAL STORMWATER CATCHMENT PLAN**

Civil Engineers and Project Managers

**at&l**

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C090	18-580	C