

# 2 MACPHERSON STREET, WARRIEWOOD

## SUBDIVISION

### 000-SERIES

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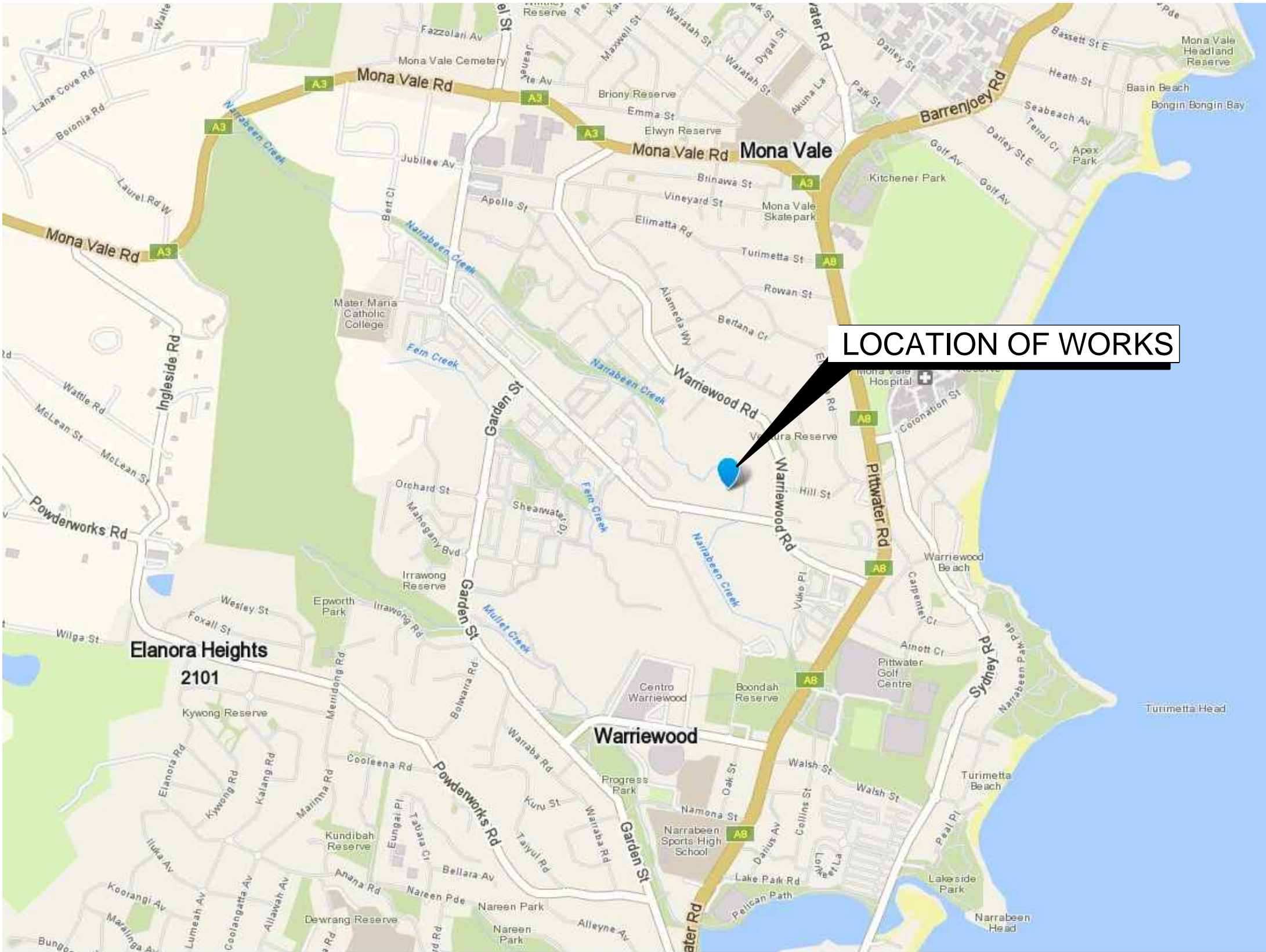
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NOTE:  
EXTENT OF WORKS IN THIS DRAWING PACKAGE IS  
BASED OF DA N03981

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|-------------------|---------------------|------------|---|---|--|---|--|---|
|                   |                     | 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</p> <div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div>KARIMBLA</div><div>CONSTRUCTION SERVICES (NSW) PTY LIMITED</div><div>Level 11, 528 Kent Street, Sydney NSW 2000</div><div>Tel: (02) 9287 2888 Fax: (02) 9287 2777</div><div>Email: info@design.meriton.com.au</div><div>Internet: http://www.meriton.com.au</div></div></div> | <div><div>Scales</div><div>NTS</div></div> <div><div>Grid</div><div>MGA</div></div> <div><div>Height Datum</div><div>AHD</div></div> | <div><div>Drawn</div><div>GJ</div></div> <div><div>Designed</div><div>GJ</div></div> <div><div>Checked</div><div>AT</div></div> <div><div>Approved</div><div></div></div> | <div><div>Project</div><div>2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE</div></div> | <div><div>Civil Engineers and Project Managers</div><div><div>at&amp;l</div><div>Level 7, 153 Walker Street North Sydney NSW 2060</div><div>ABN 96 130 882 405</div><div>Tel: 02 9439 1777</div><div>Fax: 02 9460 8413</div><div>www.atl.net.au</div><div>info@atl.net.au</div></div></div> |
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SURVEY NOTES

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY JBW SURVEYORS, BEING REGISTERED SURVEYORS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. AT & L DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.

SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT AT & L.

THE FOLLOWING NOTES HAVE BEEN TAKEN DIRECTLY FROM THE ORIGINAL SURVEY DOCUMENTS.

THE INFORMATION SUPPLIED IN THIS DATA FILE IS SUPPLIED ON THE CONDITION THAT THESE GENERAL NOTES ARE ALWAYS STORED WITH THE SUPPLIED CAD DRAWING & IF THE DATA IS PROVIDED TO ANY PARTY ON ANY FORM OF HARD COPY OR COMPUTER MEDIA THEN THESE GENERAL NOTES WILL ALSO BE A PART OF THAT HARD MEDIA COPY OR COMPUTER MEDIA DATA.

THE RECORDS OF THE SERVICE AUTHORITIES HAVE NOT BEEN INVESTIGATED ONLY THOSE SERVICES VISIBLE AT THE TIME OF SURVEY HAVE BEEN SHOWN.

THE RECORDS OF THE SERVICE AUTHORITIES SHOULD BE INVESTIGATED AS TO THE LOCATION OF SERVICES PRIOR TO THE COMMENCEMENT OF ANY DETAILED DESIGN OR CONSTRUCTION WORKS.

THE POSITION OF IMPROVEMENT AND FEATURES HAVE BEEN LOCATED FOR PLOTTING PURPOSES ONLY.

IMPROVEMENTS AND FEATURES SHOWN ON OR NEAR THE BOUNDARIES ARE INDICATIVE ONLY.

LEVELS ARE BASED ON AUSTRALIAN HEIGHT DATUM (AHD) THE ORIGIN OF WHICH IS PM 55212, RL 4.641 AHD AS SUPPLIED BY SCIMS DATED 9/12/2004.

THE BOUNDARIES HAVE NOT BEEN SURVEYED, DIMENSIONS HAVE BEEN COMPILED FROM THE SUBJECT DEPOSITED PLANS AND ARE SUBJECT TO FINAL SURVEY.

THE BOUNDARIES SHOULD BE SURVEYED AND MARKED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORK.

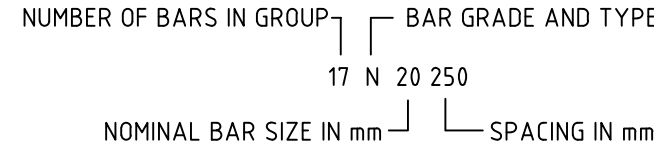
CONTOURS SHOWN ARE AT 0.5 METRE INTERVALS.

CONCRETE NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. CONCRETE QUALITY  
ALL REQUIREMENTS OF THE CURRENT ACSE CONCRETE SPECIFICATION DOCUMENT 1 SHALL APPLY TO THE FORMWORK, REINFORCEMENT AND CONCRETE UNLESS NOTED OTHERWISE.

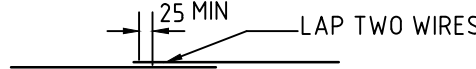
| ELEMENT                | AS 3600 F'c MPa AT 28 DAYS | SPECIFIED SLUMP | NOMINAL AGG. SIZE |
|------------------------|----------------------------|-----------------|-------------------|
| VEHICULAR BASE         | 32                         | 60              | 20                |
| KERBS, PATHS, AND PITS | 32                         | 80              | 20                |

- CEMENT TYPE SHALL BE (ACSE SPECIFICATION) TYPE SL
- PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 1379.
3. NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING BY AT & L.
4. CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL EDGES UNLESS NOTED OTHERWISE.
5. ALL REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON MILD STEEL PLASTIC TIPPED CHAIRS, PLASTIC CHAIRS OR CONCRETE CHAIRS AT NOT GREATER THAN 1m CENTRES BOTH WAYS. BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS.
6. THE FINISHED CONCRETE SHALL BE A DENSE HOMOGENEOUS MASS, COMPLETELY FILLING THE FORMWORK, THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS. ALL CONCRETE INCLUDING SLABS ON GROUND AND FOOTINGS SHALL BE COMPACTED AND CURED IN ACCORDANCE WITH R.T.A. SPECIFICATION R83.
7. REINFORCEMENT SYMBOLS:  
N DENOTES GRADE 450 N BARS TO AS 1302 GRADE N  
R DENOTES 230 R HOT ROLLED PLAIN BARS TO AS 1302  
SL DENOTES HARD-DRAWN WIRE REINFORCING FABRIC TO AS 1304



THE FIGURE FOLLOWING THE FABRIC SYMBOL SL IS THE REFERENCE NUMBER FOR FABRIC TO AS 1304.

8. FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING DETAIL:



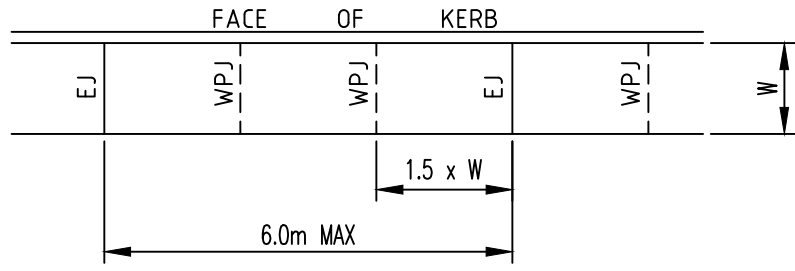
SITWORKS NOTES

1. ORIGIN OF LEVELS:- REFER SURVEY NOTES.
2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES TO BE REPORTED TO AT & L.
3. MAKE SMOOTH CONNECTION WITH EXISTING WORKS.
4. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
5. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH SAND TO 300mm ABOVE PIPE, WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
6. PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN BUILDINGS AND ALL CONCRETE OR UNIT PAVEMENTS.
7. ASPHALTIC CONCRETE SHALL CONFORM TO RMS SPECIFICATION R116.
8. ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH RMS FORM 3051 (UNBOUND), RMS FORM 3052 (BOUND) COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m<sup>2</sup> OF BASECOURSE MATERIAL PLACED.
9. ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH RMS FORM 3051, 3051.1 AND COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH A.S 1289 5.2.1. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m<sup>2</sup> OF SUB-BASE COURSE MATERIAL PLACED.
10. AS AN ALTERNATIVE TO THE USE OF IGNEOUS ROCK AS A SUB-BASE MATERIAL IN (9) A CERTIFIED RECYCLED CONCRETE MATERIAL COMPLYING WITH RMS FORM 3051 AND 3051.1 WILL BE CONSIDERED. SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BEING PROVIDED TO THE SATISFACTION OF AT & L.
11. SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THIS SHALL BE CLEARLY INDICATED IN THEIR TENDER AND THE PRICE DIFFERENCE BETWEEN AN IGNEOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.
12. WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (eg. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS.
13. CIVIL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF BOTANY BAY COUNCIL CIVIL WORKS SPECIFICATIONS 2013. WHERE ANY AMBIGUITY BETWEEN AT&L SPECIFICATIONS AND COUNCIL SPECIFICATIONS EXIST, COUNCIL SPECIFICATIONS TAKES PRECEDENCE.
14. INSPECTIONS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH AN APPROVED INSPECTION REGISTER.

JOINTING NOTES

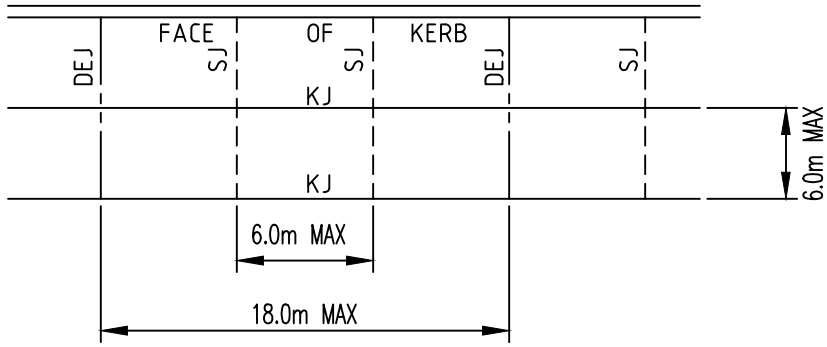
PEDESTRIAN PAVEMENT JOINTS

1. ALL PEDESTRIAN PAVEMENTS ARE TO BE JOINTED AS FOLLOWS. (U.N.O)
2. EXPANSION JOINTS ARE TO BE LOCATED WHERE POSSIBLE AT TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX. 6.0m CENTRES.
3. WEAKENED PLANE JOINTS ARE TO BE LOCATED AT A MAX. SPACING OF 15 x WIDTH OF THE PAVEMENT.
4. WHERE POSSIBLE JOINTS SHOULD BE LOCATED TO MATCH KERBING AND OR ADJACENT PAVEMENT JOINTS.
5. PEDESTRIAN PAVEMENT JOINT DETAIL.



VEHICULAR PAVEMENT JOINTS

6. ALL VEHICULAR PAVEMENTS TO BE JOINTED AS FOLLOWS. (U.N.O)
7. KEYED CONSTRUCTION JOINTS SHOULD GENERALLY BE LOCATED AT A MAX OF 6.0m CENTRES
8. SAWN JOINTS SHOULD GENERALLY BE LOCATED AT A MAX OF 6.0m CENTRES WITH DOWELED EXPANSION JOINTS AT MAX 18.0m CENTRES
9. VEHICULAR PAVEMENT JOINT DETAIL.



EROSION AND SEDIMENT CONTROL

NOTES

GENERAL INSTRUCTIONS

1. THE SITE SUPERINTENDENT/ENGINEER WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED.
2. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH  
a. LOCAL AUTHORITY REQUIREMENTS  
b. EPA REQUIREMENTS  
c. NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.
3. MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
4. WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.
5. CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

6. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:

- (A) INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
- (B) CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.
- (C) INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.
- (D) UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

7. DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
8. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

9. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
10. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
11. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
12. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

OTHER MATTERS

13. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
14. ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
- (A) PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE
- (B) ENSURING THAT NOTHING IS NAILED TO THEM
- (C) PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
- (I) ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 15 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS THE GREATER
- (II) A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH
- (III) CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.



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

EXISTING UNDERGROUND SERVICES NOTES

THE LOCATIONS OF UNDERGROUND SERVICES SHOWN IN THIS SET OF DRAWINGS HAVE BEEN PLOTTED FROM SURVEY INFORMATION AND SERVICE AUTHORITY INFORMATION. THE SERVICE INFORMATION HAS BEEN PREPARED ONLY TO SHOW THE APPROXIMATE POSITIONS OF ANY KNOWN SERVICES AND MAY NOT BE AS CONSTRUCTED OR ACCURATE.

AT & L CAN NOT GUARANTEE THAT THE SERVICES INFORMATION SHOWN ON THESE DRAWINGS ACCURATELY INDICATES THE PRESENCE OR ABSENCE OF SERVICES OR THEIR LOCATION AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE SERVICES INFORMATION SHOWN FROM ANY CAUSE WHATSOEVER.

CONTRACTORS SHALL TAKE DUE CARE WHEN EXCAVATING ONSITE INCLUDING HAND EXCAVATION WHERE NECESSARY.

CONTRACTORS ARE TO CONTACT THE RELEVANT SERVICE AUTHORITY PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.

CONTRACTORS ARE TO UNDERTAKE A SERVICES SEARCH, PRIOR TO COMMENCEMENT OF WORKS ON SITE. SEARCH RESULTS ARE TO BE KEPT ON SITE AT ALL TIMES.

AL SURFACE LIDS/FITTINGS TO BE ADJUSTED TO SUIT FINISHED SURFACE LEVELS.

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| Designed | GJ |
| Checked  | AT |
| Approved |    |

Client  
**2 MACPHERSON STREET  
WARRIEWOOD  
SUBDIVISION  
PACKAGE**

GENERAL NOTES

Civil Engineers and Project Managers

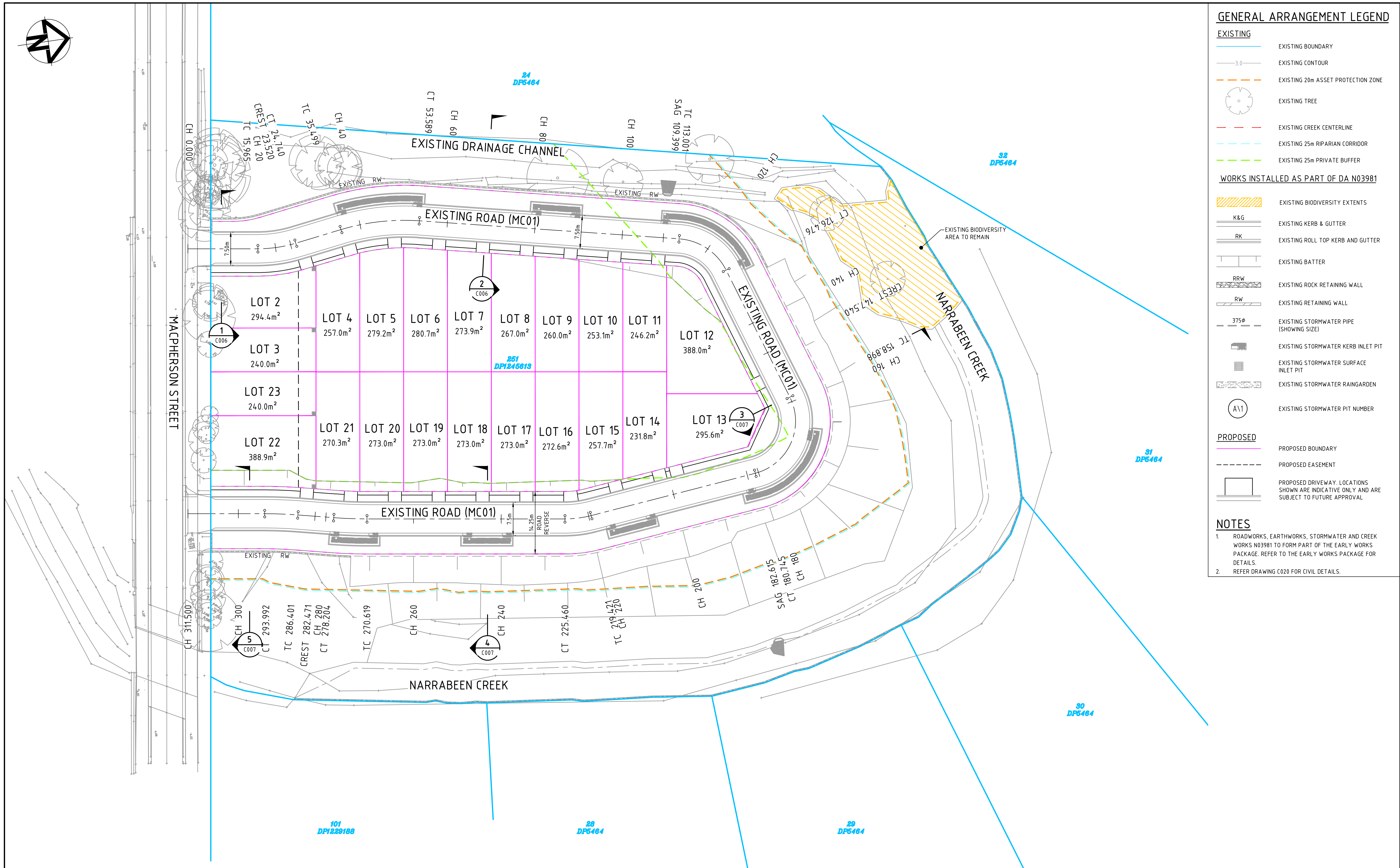
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Status  
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A1

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| Drawing No.<br><b>C002</b> | Project No.<br><b>18-580</b> | Issue<br><b>C</b> |
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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

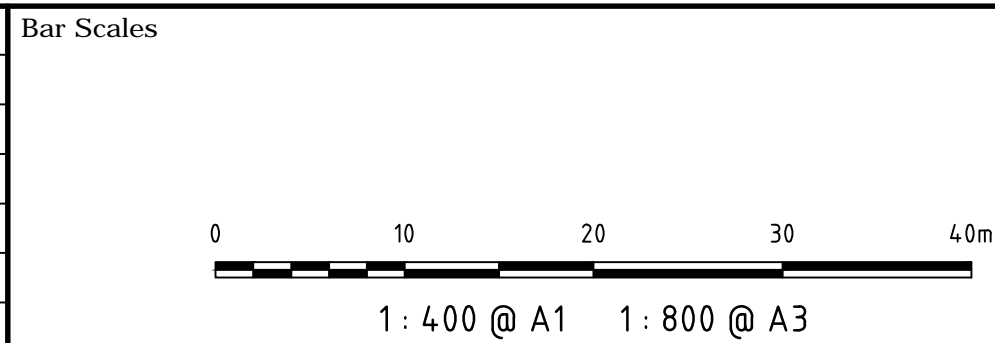
WORKS INSTALLED AS PART OF DA N03981

- 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.

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



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| Title   | GENERAL ARRANGEMENT<br>PLAN                                 |

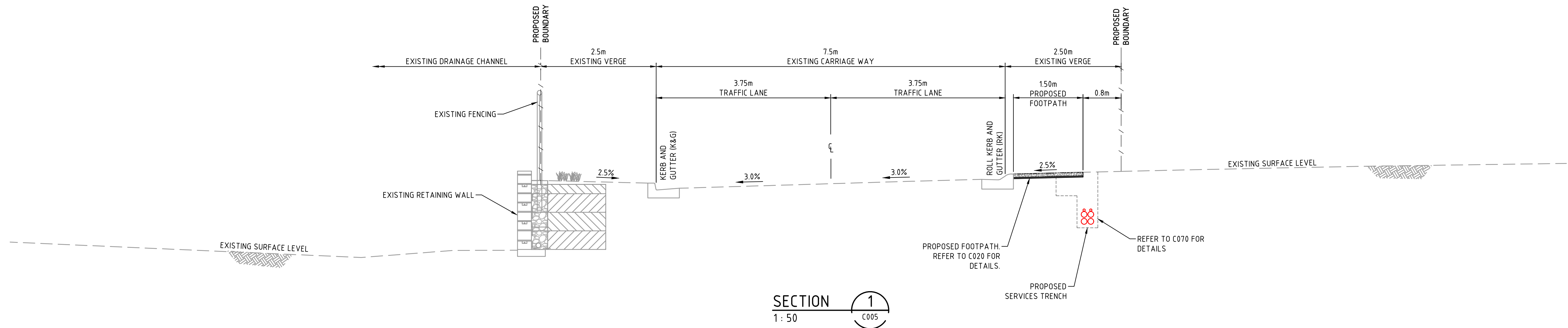
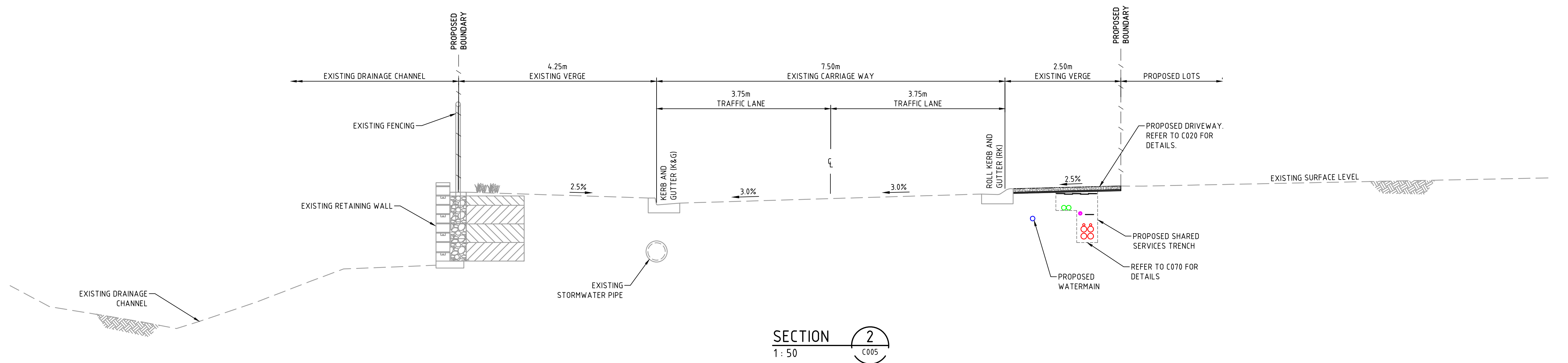
Civil Engineers and Project Managers

**at&l**

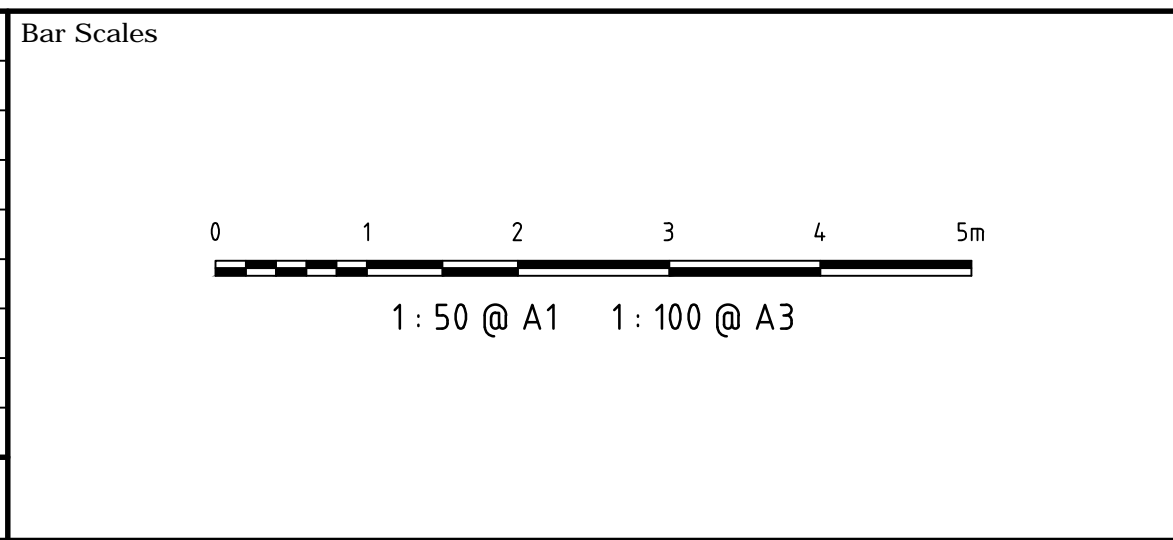
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| Project No. | 18-580  | C     |





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| Height Datum | AHD         | Approved |    |

Project

**2 MACPHERSON STREET  
WARRIEWOOD  
SUBDIVISION  
PACKAGE**

Title

**TYPICAL SECTIONS  
SHEET 1 OF 2**

Civil Engineers and Project Managers

**at&l**

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Status

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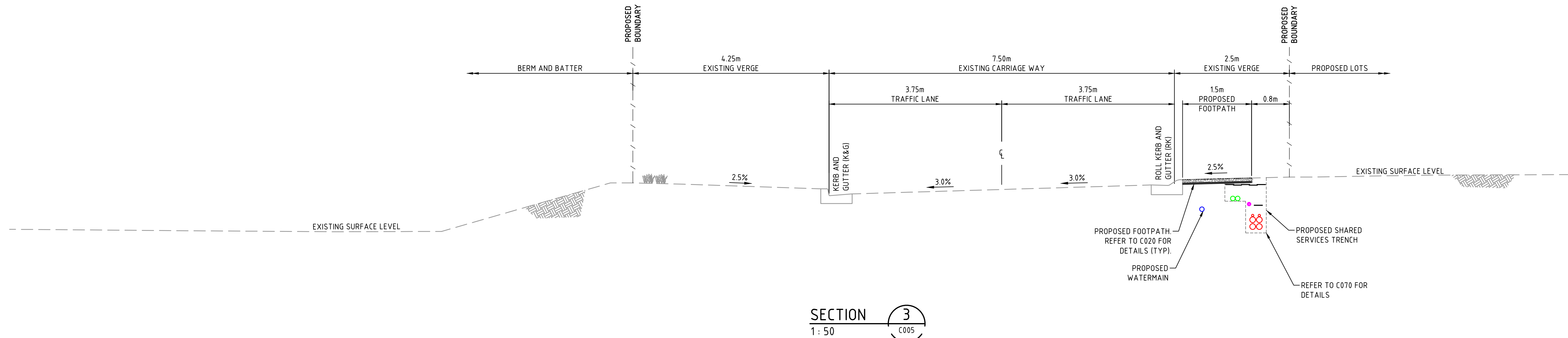
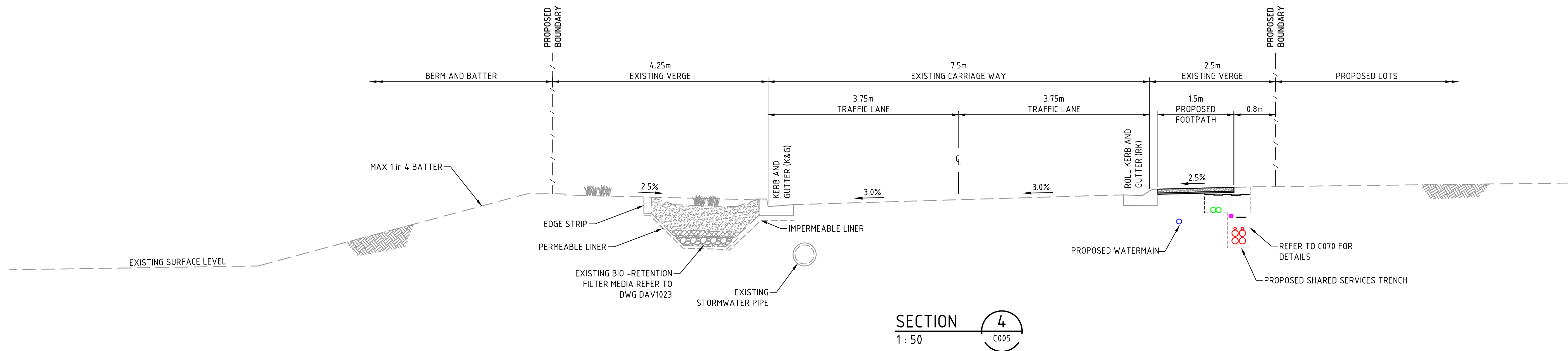
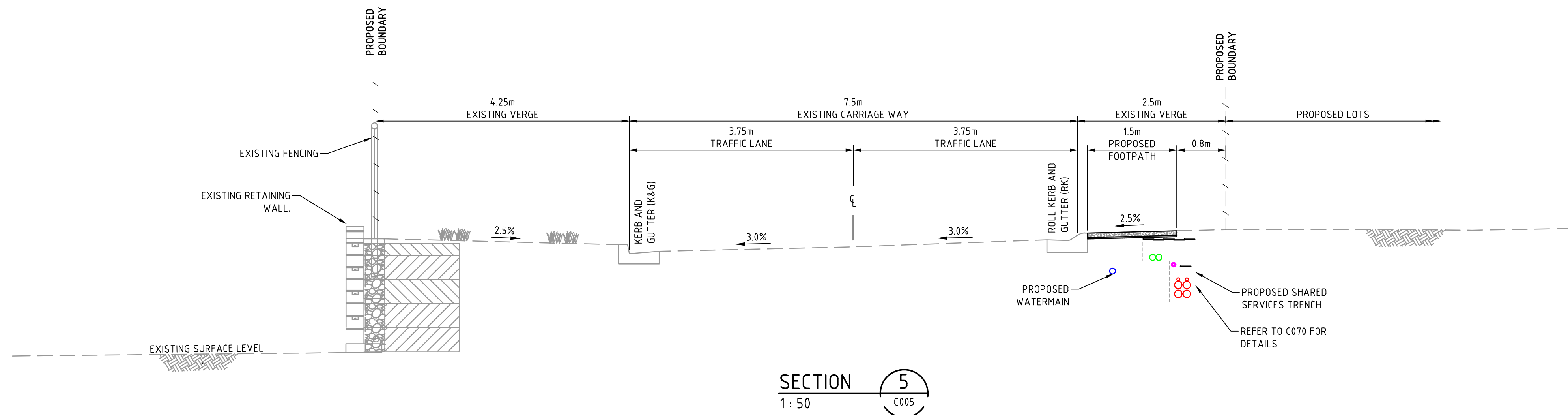
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Project No. **18-580**

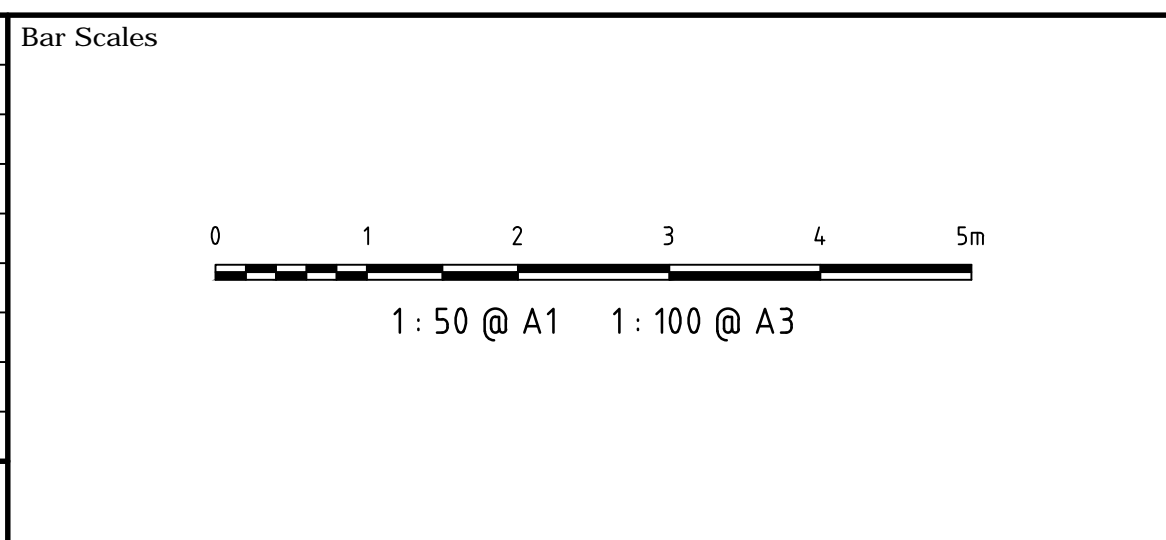
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Project  
**2 MACPHERSON STREET  
WARRIEWOOD  
SUBDIVISION  
PACKAGE**

Title  
**TYPICAL SECTIONS  
SHEET 2 OF 2**

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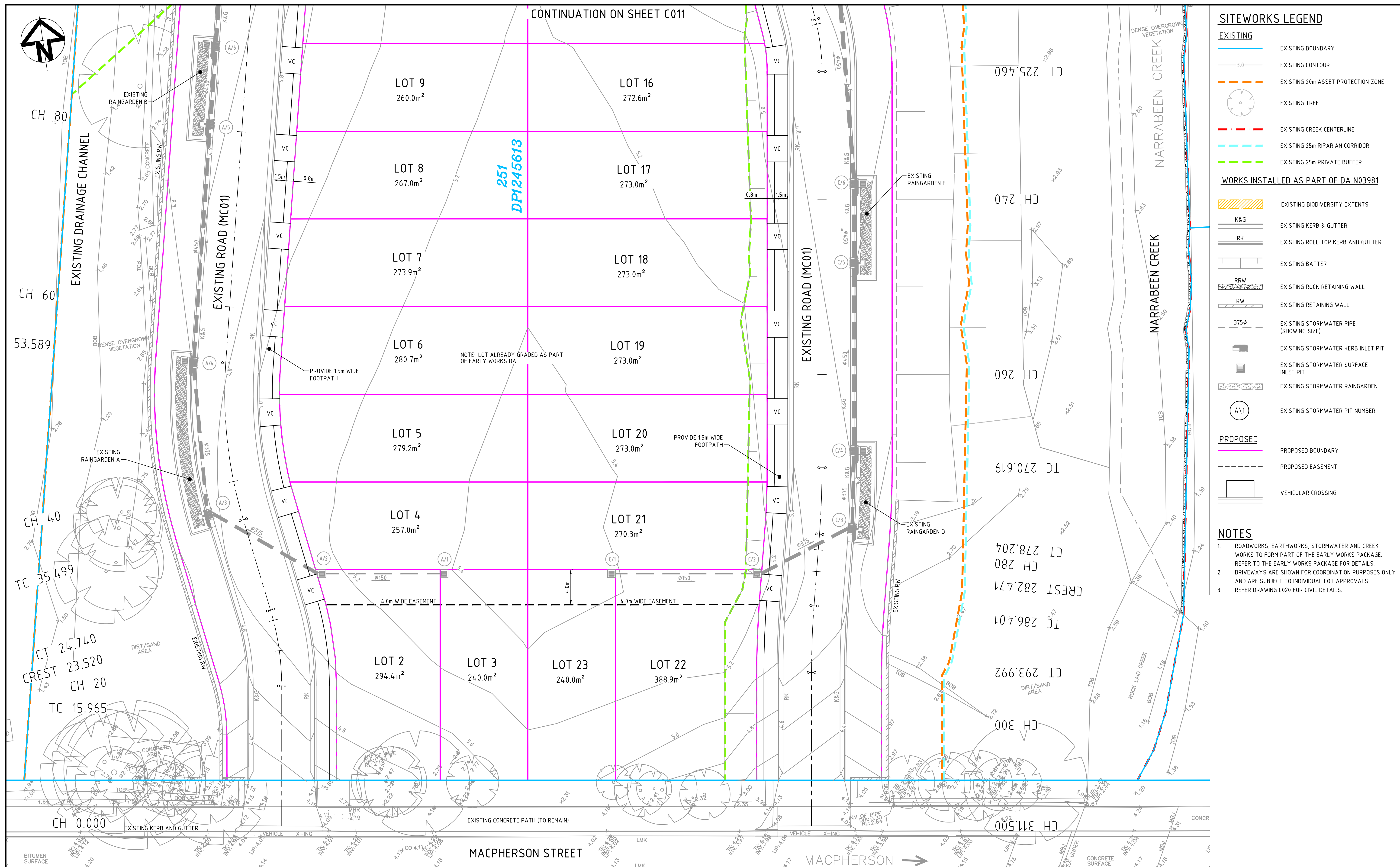
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Project No.  
**18-580**

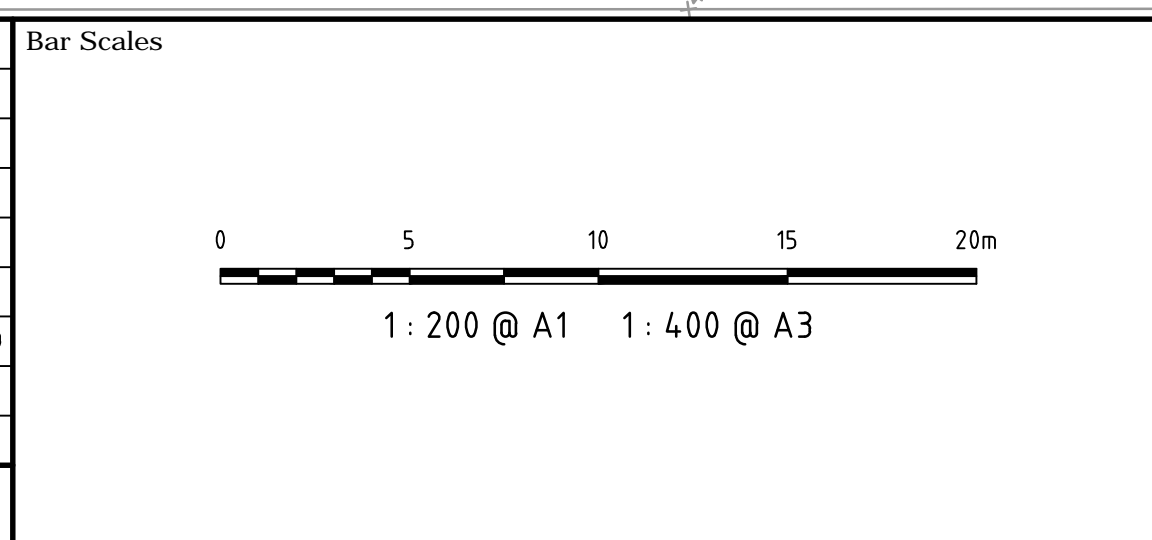
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The image shows a business card for Karimbla Pty Limited. On the left, there is a vertical strip of ten small squares. To its right is a large stylized 'K' logo composed of two overlapping shapes. The main text 'KARIMBLA' is in a large, bold, serif font. Below it, 'CONSTRUCTION SERVICES (NSW)' and 'PTY LIMITED' are in a smaller, bold, sans-serif font. At the bottom, the contact details are listed: 'Level 11, 528 Kent Street, Sydney NSW 2000', 'Tel: (02) 9287 2888', 'Fax: (02) 9287 2777', 'Email: info@design.meriton.com.au', and 'Internet: http://www.meriton.com.au'.

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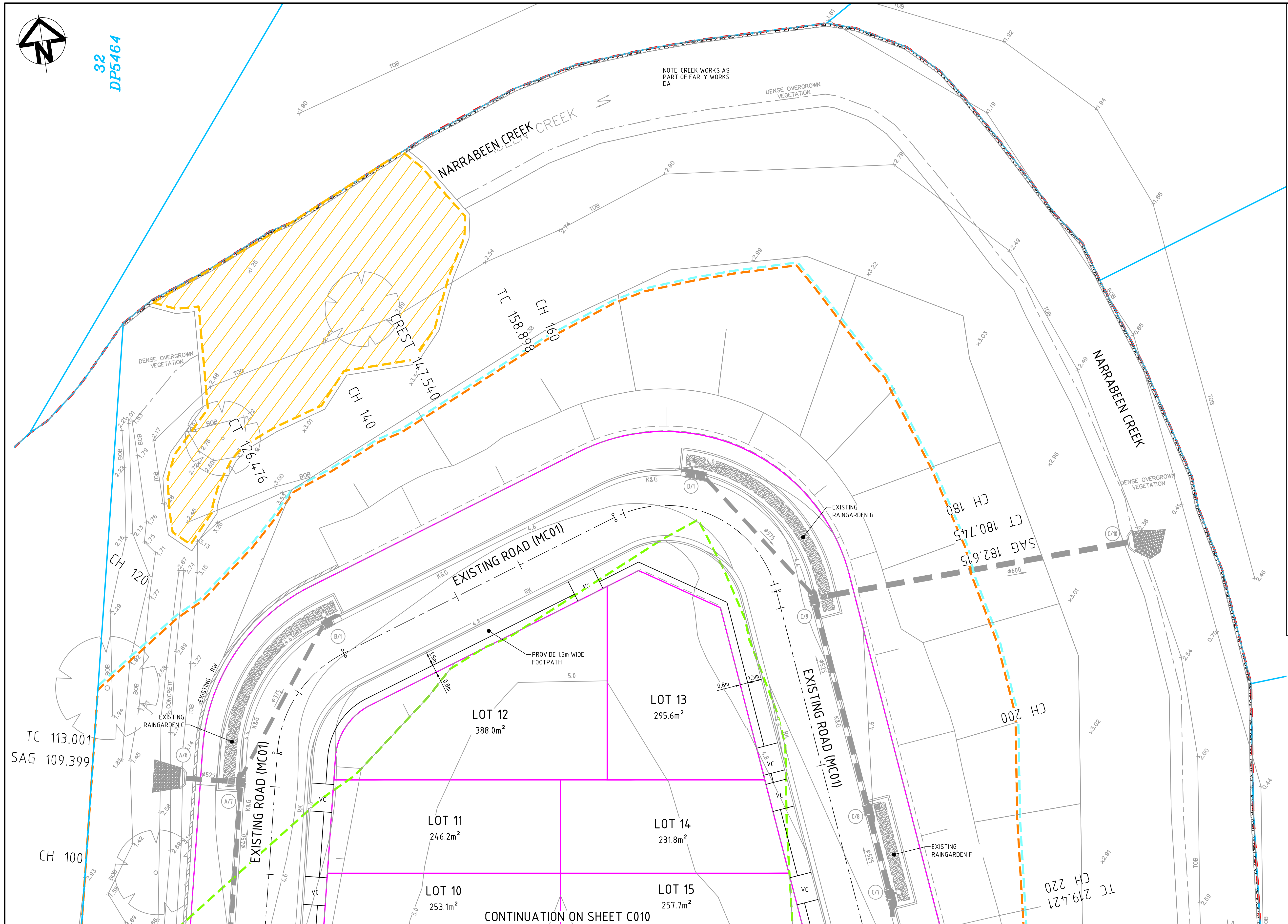
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| Project | 2 MACPHERSON STREET<br>WARRIEWOOD<br>SUBDIVISION<br>PACKAGE |
| Title   | SITEWORKS AND<br>STORMWATER<br>PLAN<br>SHEET 1              |

Civil Engineers and Project Managers



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www.atl.net.au  
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**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

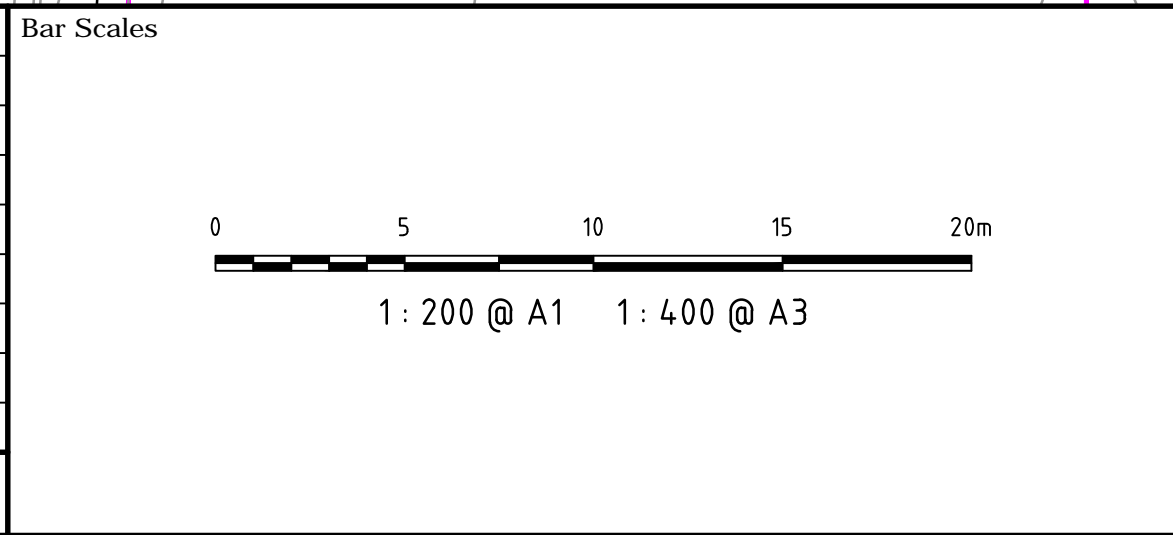
**NOTES**

1. ROADWORKS, EARTHWORKS, STORMWATER AND CREEK WORKS TO FORM PART OF THE EARLY WORKS PACKAGE. REFER TO THE EARLY WORKS PACKAGE FOR DETAILS.

2. DRIVEWAYS ARE SHOWN FOR COORDINATION PURPOSES ONLY AND ARE SUBJECT TO INDIVIDUAL LOT APPROVALS.

3. REFER DRAWING C020 FOR CIVIL DETAILS.

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



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Email: [info@design.meriton.com.au](mailto:info@design.meriton.com.au)

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

|              |              |          |    |
|--------------|--------------|----------|----|
| 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

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](http://www.atl.net.au)  
[info@atl.net.au](mailto:info@atl.net.au)

Status

FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.

C011

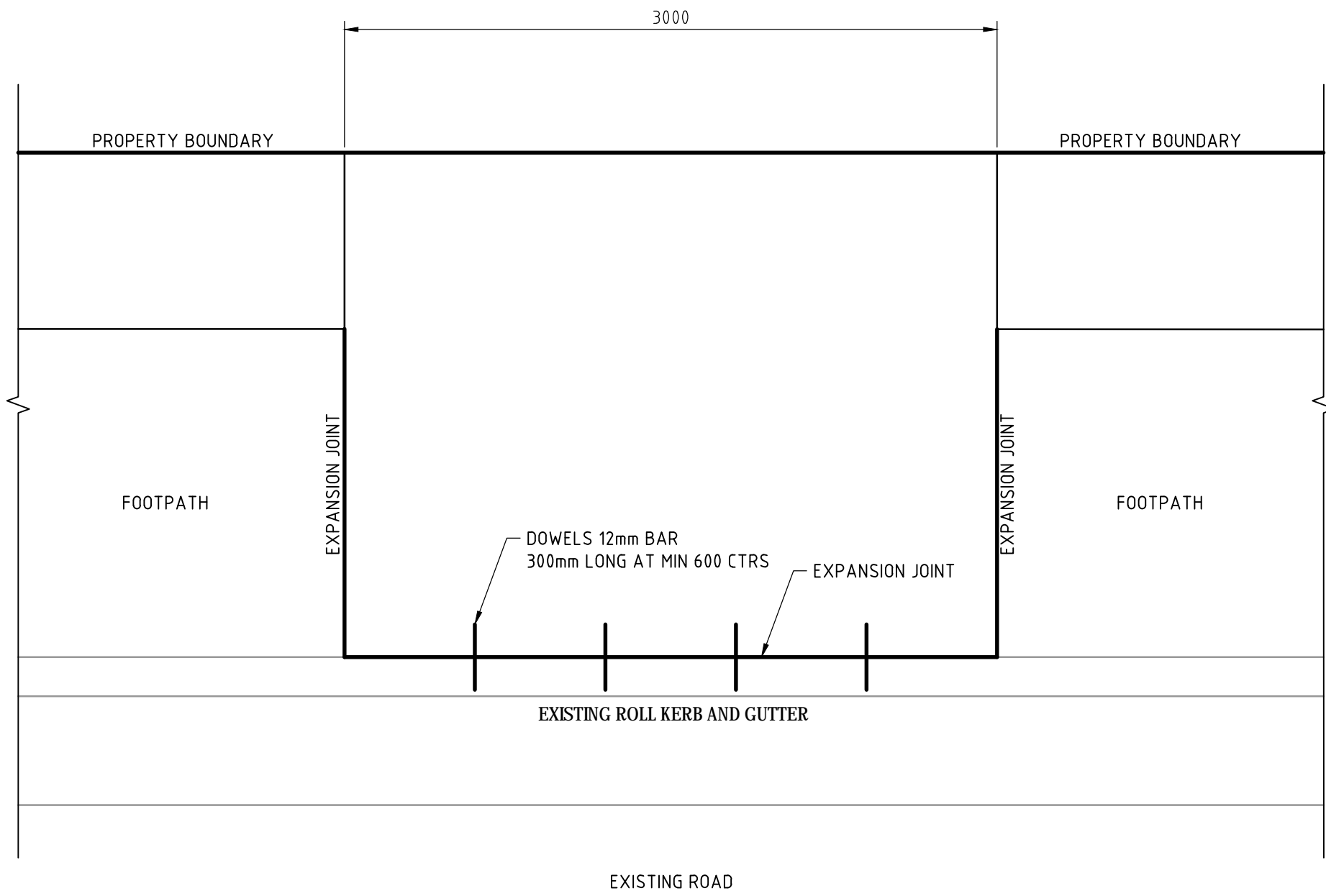
Project No.

18-580

Issue

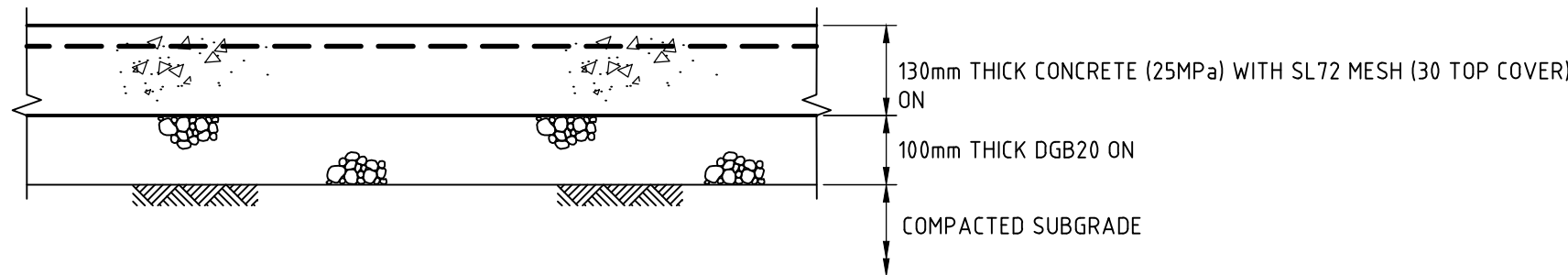
C





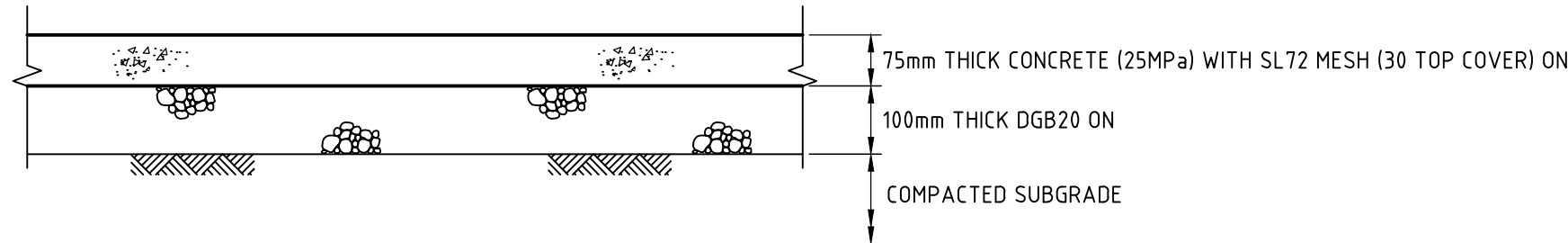
PROPOSED DRIVEWAY PLAN

NTS



PROPOSED DRIVEWAY PAVEMENT DETAIL

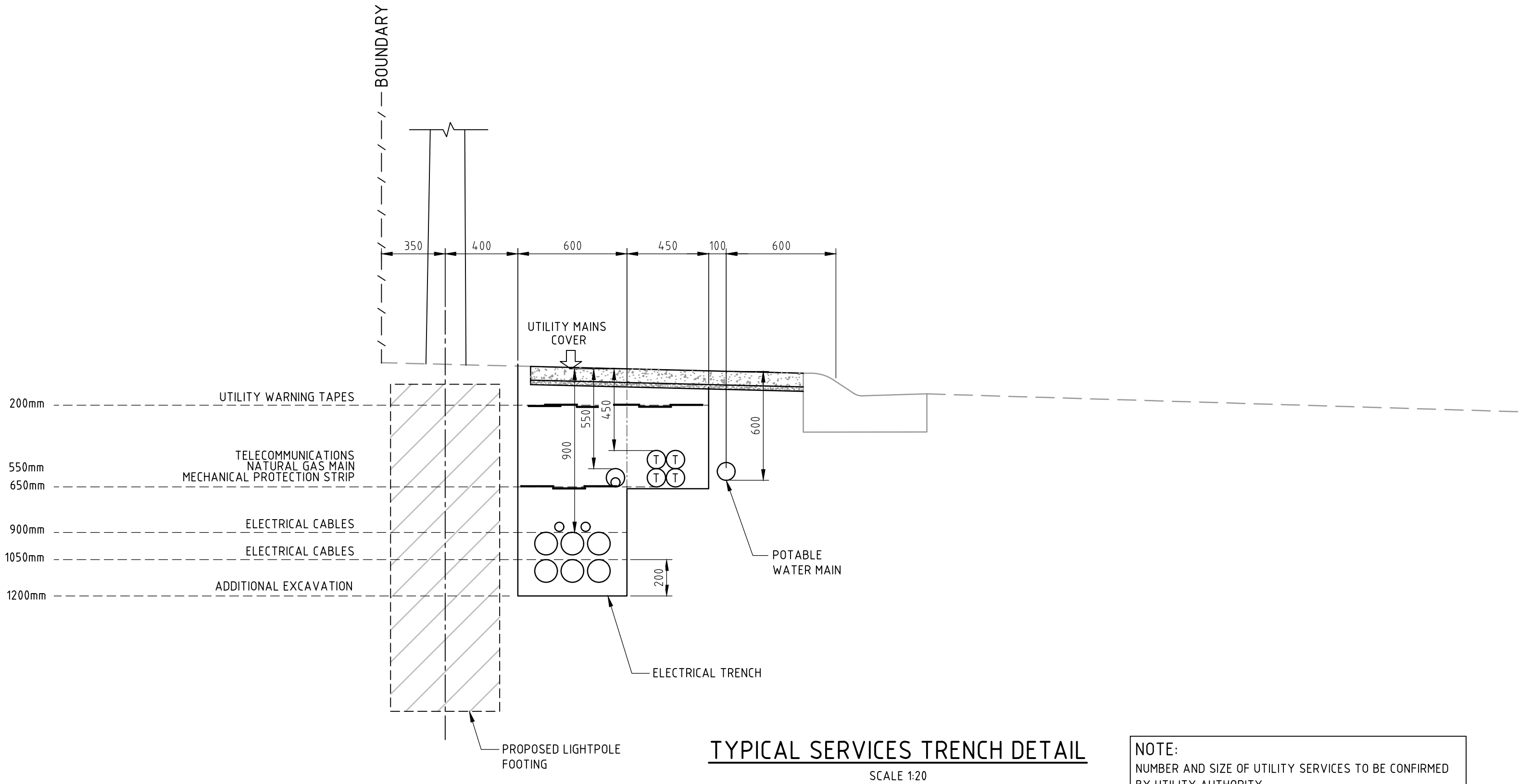
SCALE 1:10



PROPOSED FOOTPATH PAVEMENT DETAIL

SCALE 1:10

NOTE:  
REFER TO DRAWING C02 FOR JOINT DETAILS.

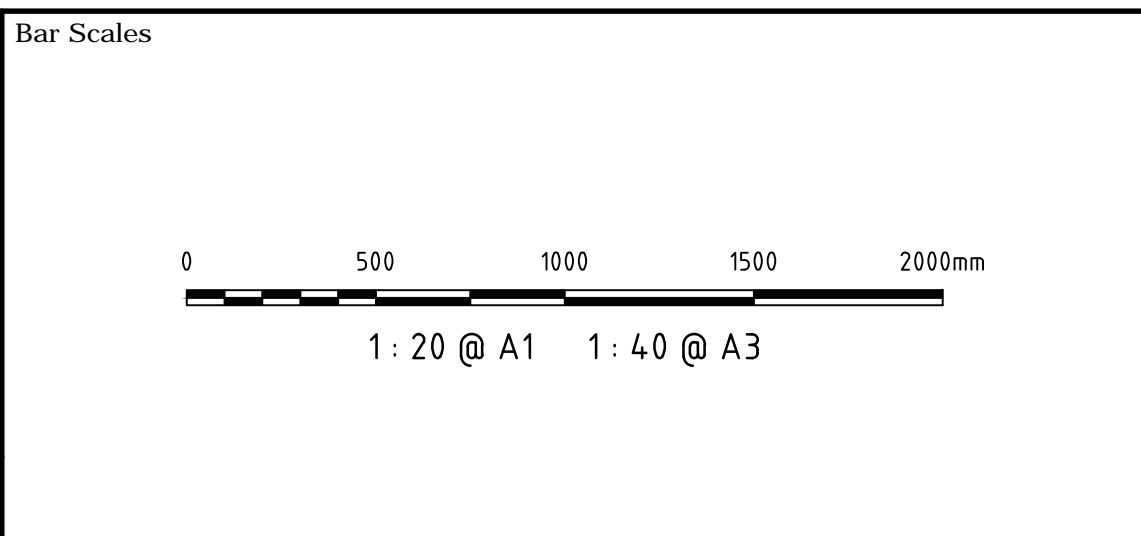


TYPICAL SERVICES TRENCH DETAIL

SCALE 1:20

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

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



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

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

|         |   |
|---------|---|
| Project | 2 MACPHERSON STREET<br>WARRIEWOOD<br>SUBDIVISION<br>PACKAGE |
| Title   | SITEWORKS<br>DETAILS  |

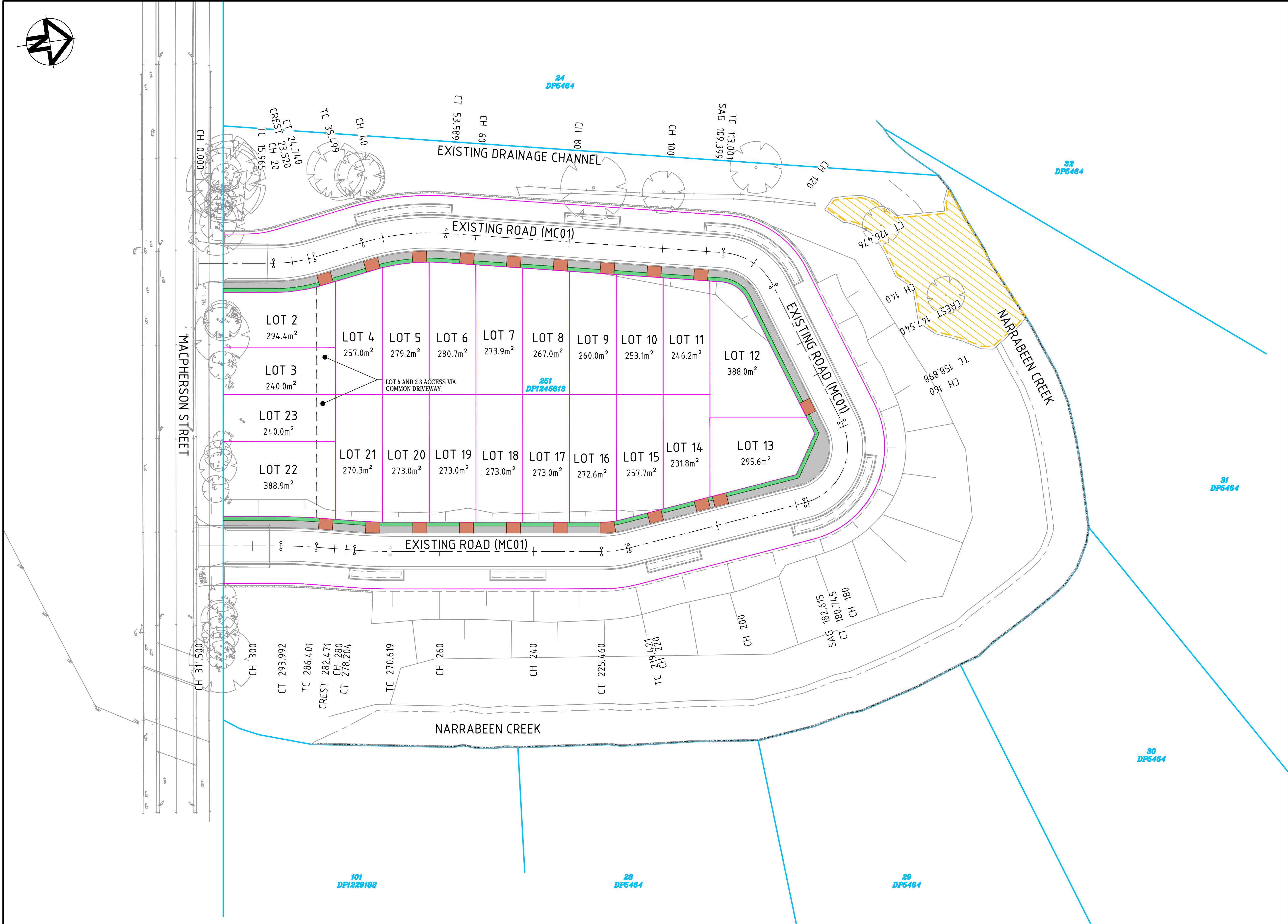
Civil Engineers and Project Managers

**at&L**

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North Sydney NSW 2060  
ABN 96 130 882 405  
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[www.atl.net.au](http://www.atl.net.au)  
[info@atl.net.au](mailto:info@atl.net.au)

|                                 |              |       |
|---------------------------------|--------------|-------|
| Status                          | FOR APPROVAL | A1    |
| NOT TO BE USED FOR CONSTRUCTION |              |       |
| Drawing No.                     | Project No.  | Issue |
| C020                            | 18-580       | C     |





**PAVEMENT LEGEND**

EXISTING

EXISTING BOUNDARY

3.0

EXISTING CONTOUR

EXISTING TREE

PROPOSED

PROPOSED BOUNDARY

FOOTPATH AS PER NORTHERN BEACHES COUNCIL GUIDELINES

VEHICULAR CROSSOVER AS PER NORTHERN BEACHES COUNCIL GUIDELINES

LANDSCAPING/TURF

**NOTES**

1.

ROADWORKS, EARTHWORKS, STORMWATER AND CREEK WORKS TO FORM PART OF THE EARLY WORKS PACKAGE. REFER TO THE EARLY WORKS PACKAGE FOR DETAILS.

2.

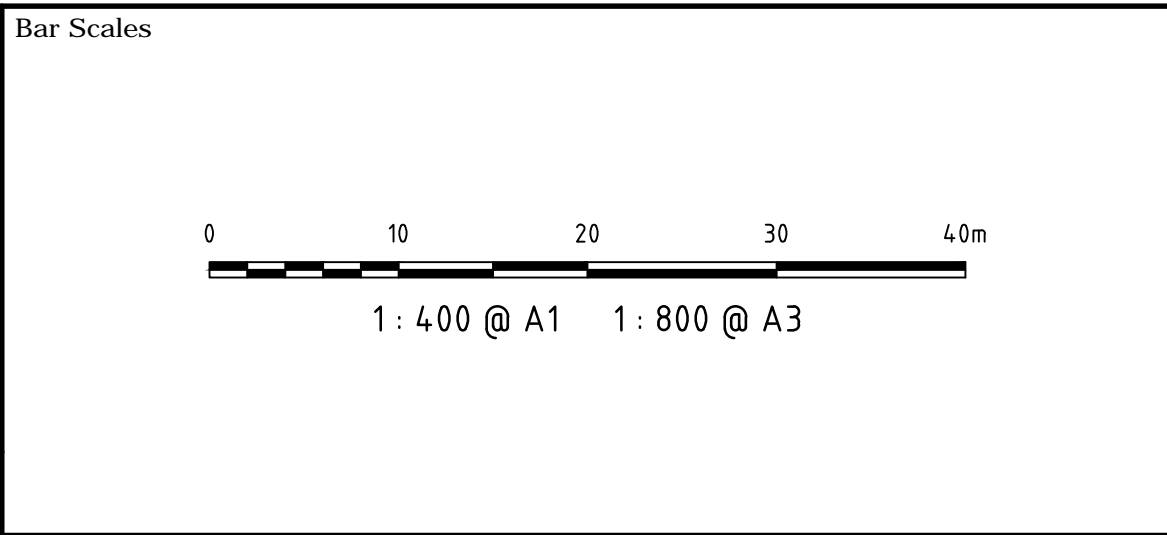
DRIVEWAYS ARE SHOWN FOR COORDINATION PURPOSES ONLY AND ARE SUBJECT TO INDIVIDUAL LOT APPROVALS.

3.

VEHICULAR CROSSOVER AND FOOTPATH PAVEMENTS SHALL BE IN ACCORDANCE WITH NORTHERN BEACHES COUNCIL GUIDELINES.

4.

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



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|              |           |          |    |
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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

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

A1

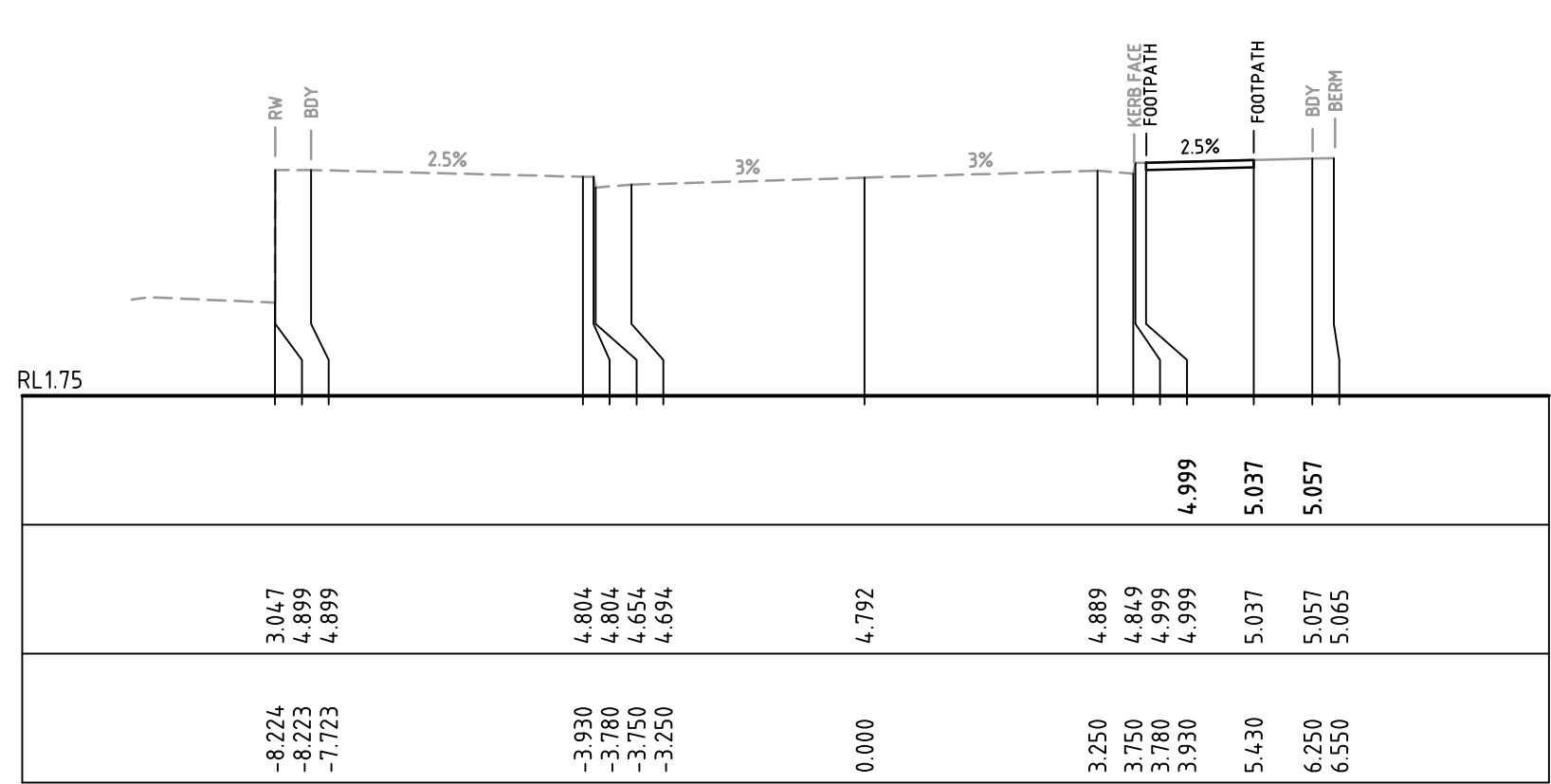
Drawing No.

18-580

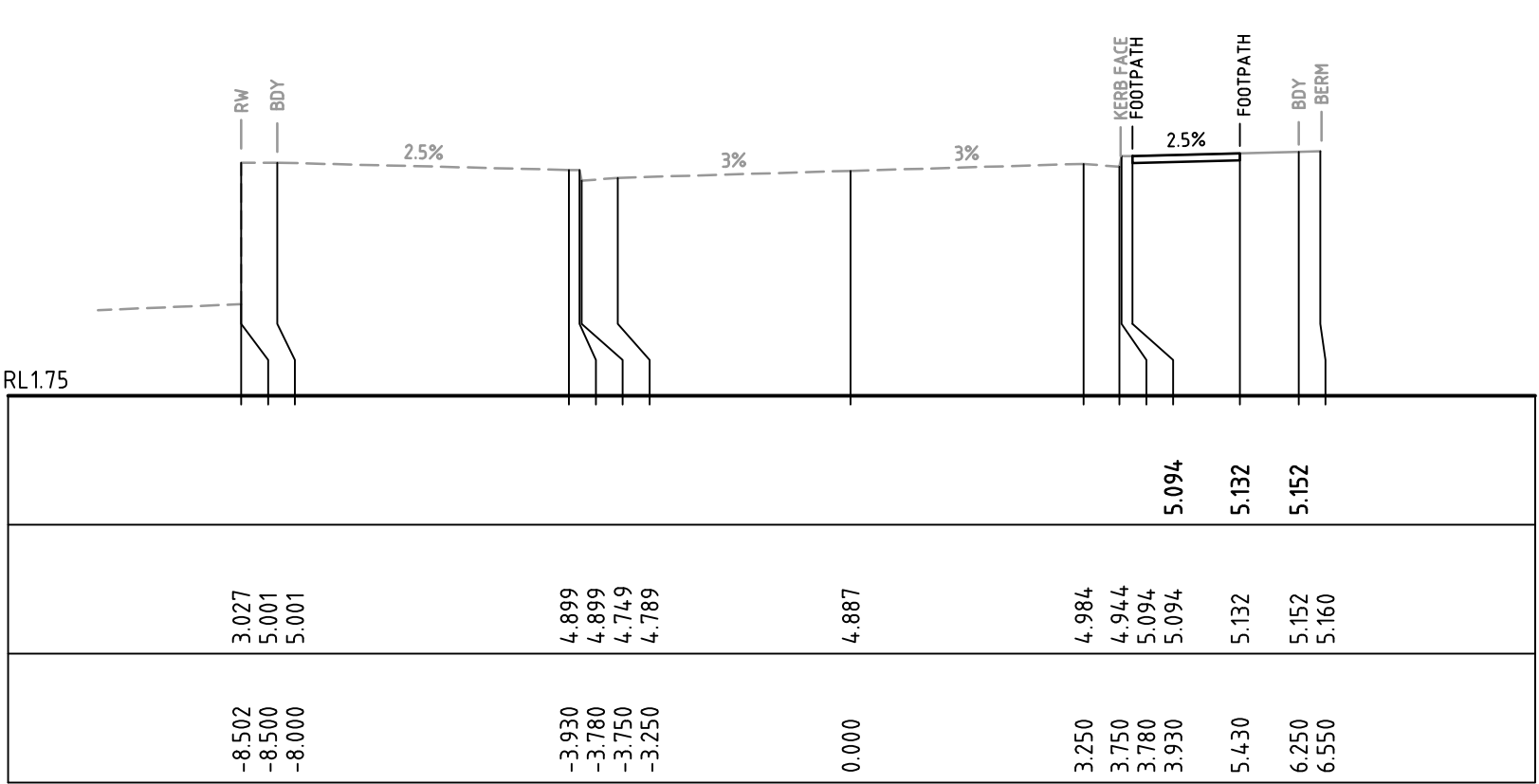
C

F:\18-580 Warriewood Meriton\6.0 Drgs\Civil\Final\000 Series - Subdivision\C030.dwg

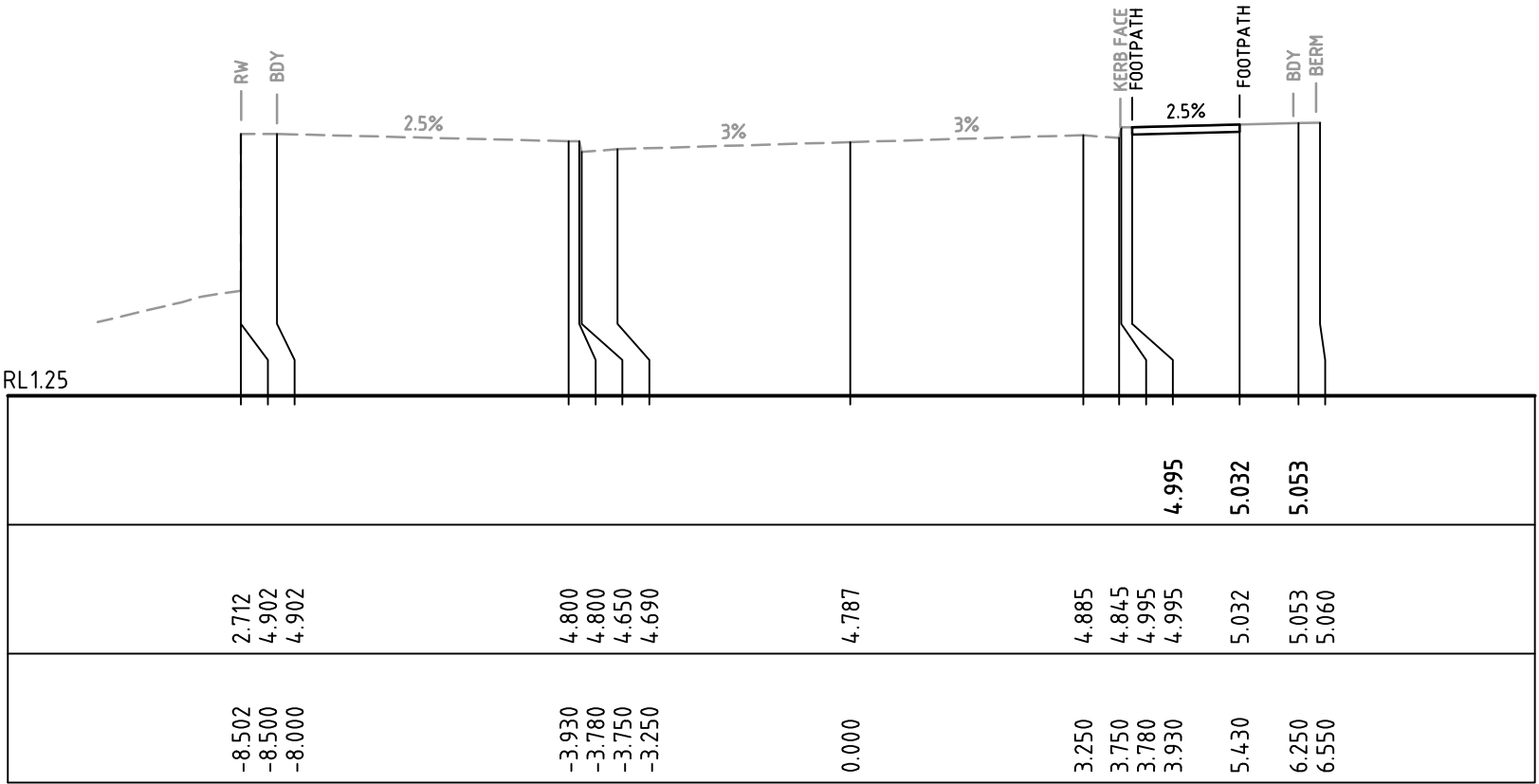




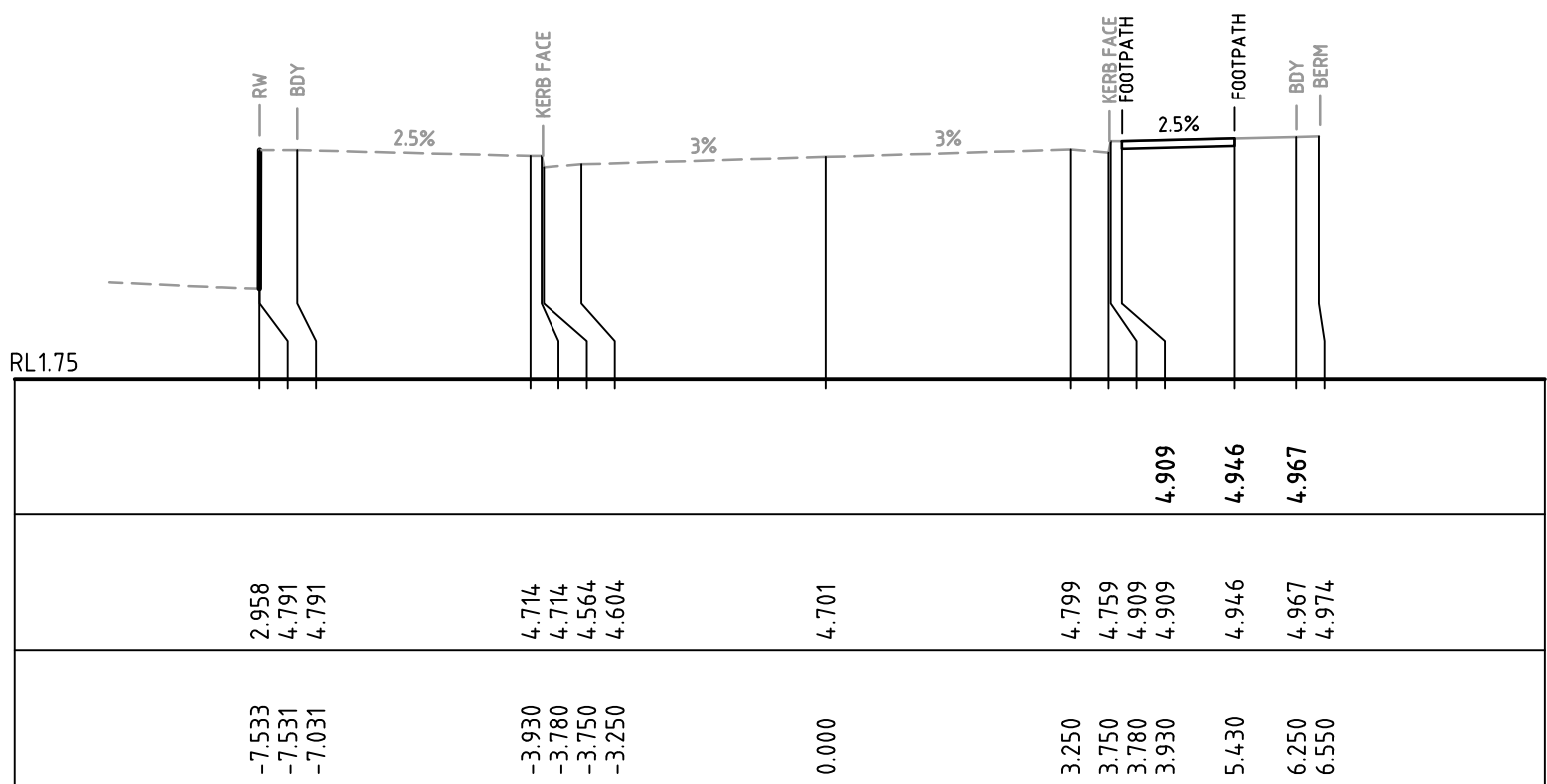
CH 20



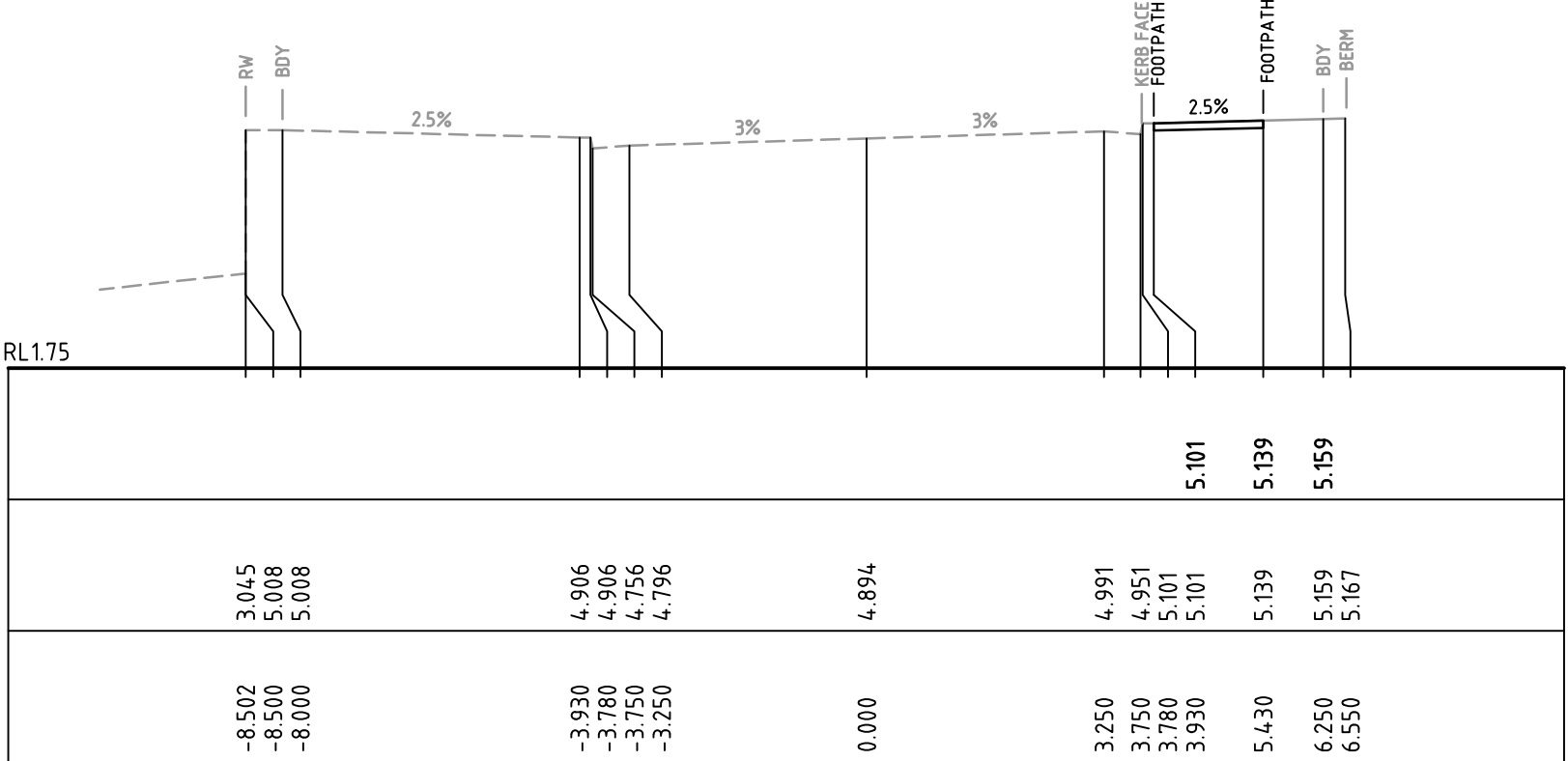
CH 33.708



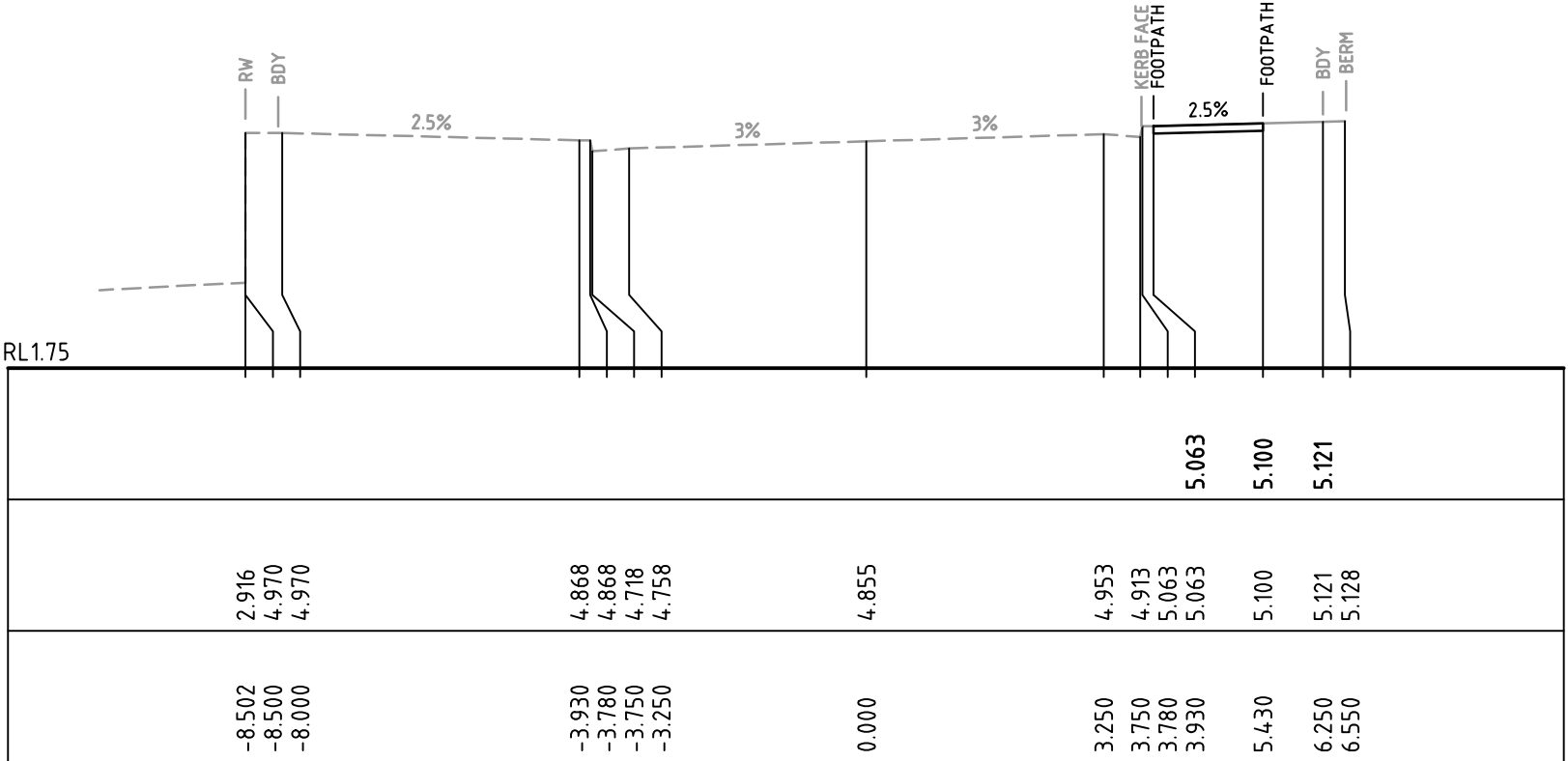
CH 53.589



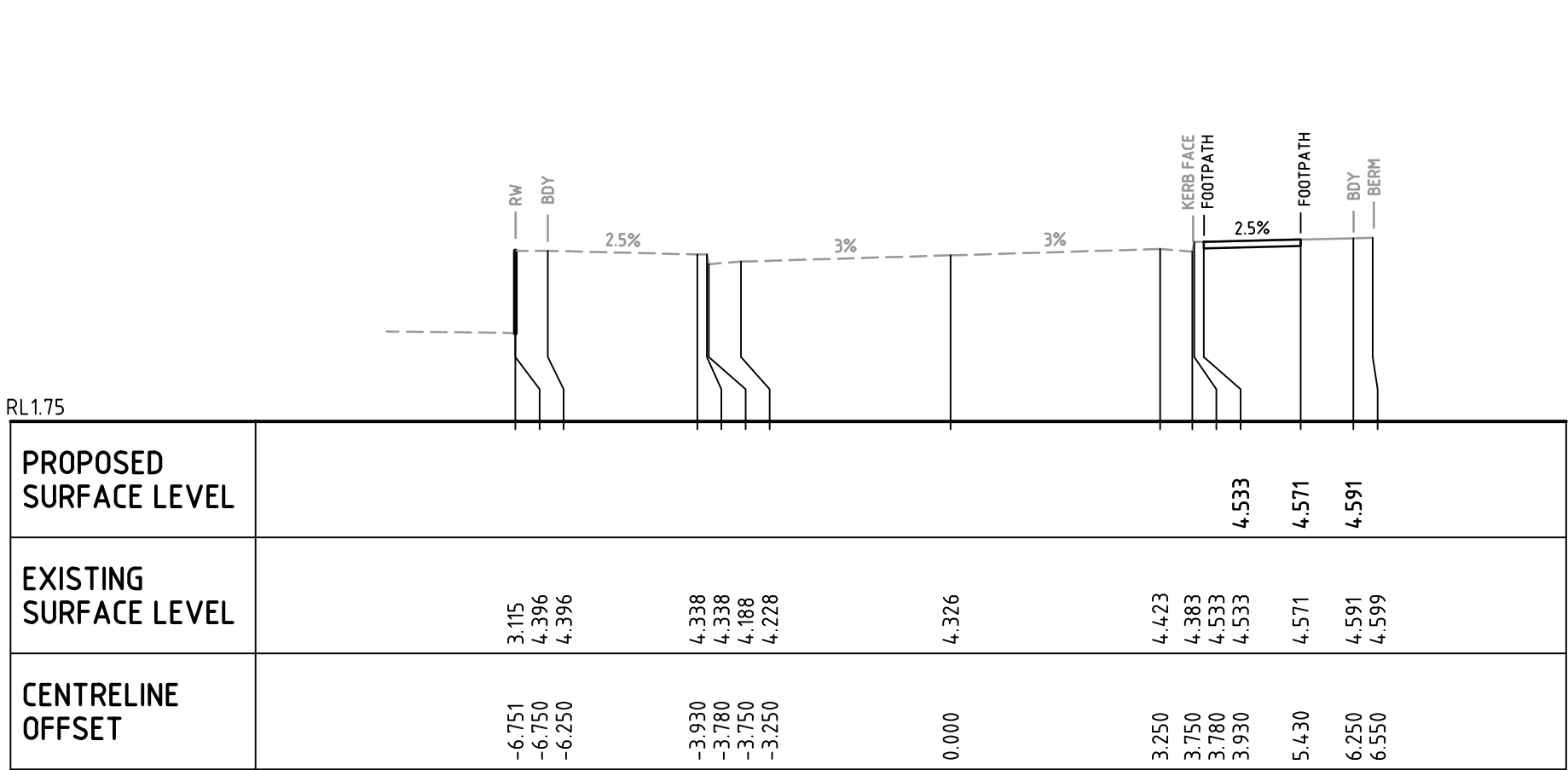
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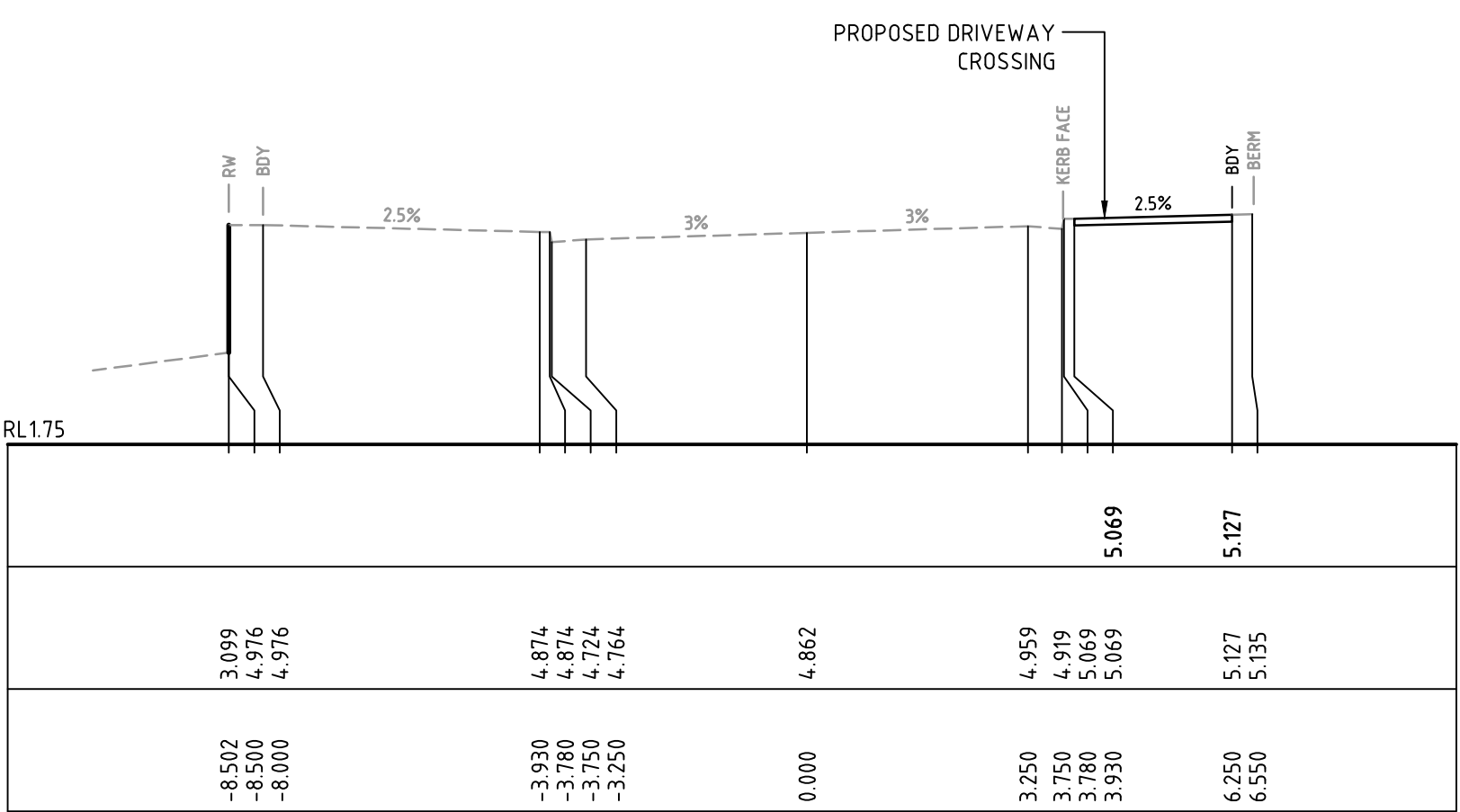
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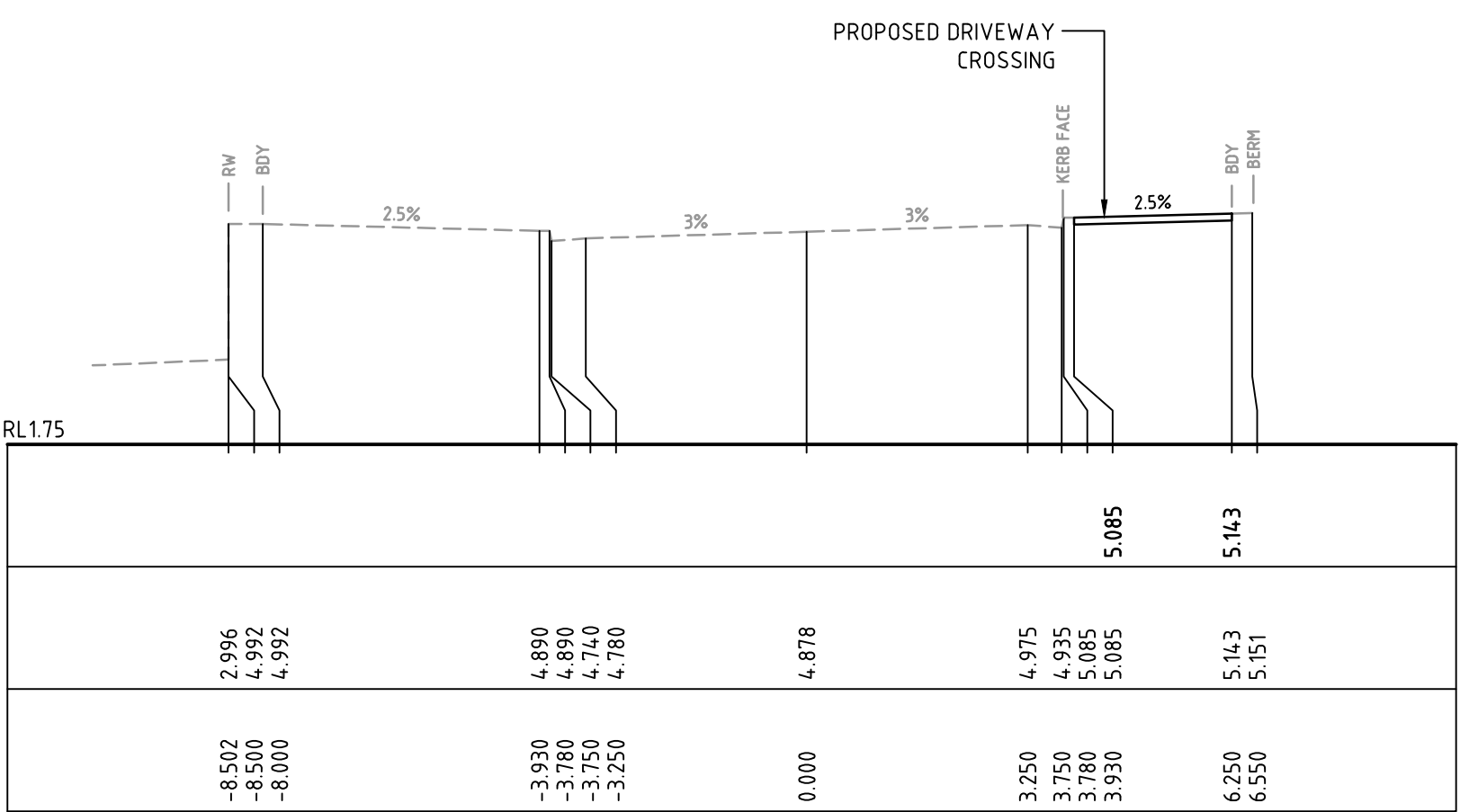
CH 40



CH 5.3

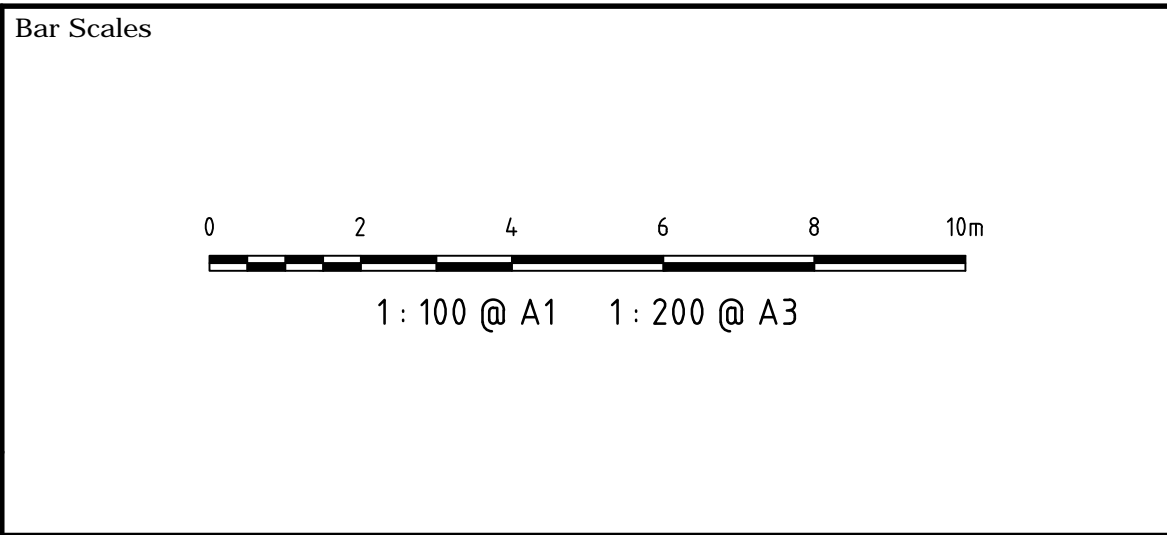


CH 24.74



CH 35.499

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



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

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|--------------|--------------|--|----------|----|
| 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](http://www.atl.net.au)  
[info@atl.net.au](mailto:info@atl.net.au)

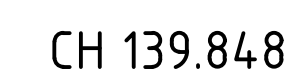
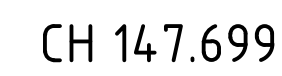
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| NOT TO BE USED FOR CONSTRUCTION |                     |             |           |
| Drawing No.                     | C050                | Project No. | 18-580    |
|                                 |                     | Issue       | C         |





F:\18-580 Warriewood Meriton\6.0 Drgs\Civil\Final\000 Series - Subdivision\C051.dwg





100mm on Original



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| Datum | 7.11.12 |
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SHEET 3

|             |             |
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| Drawing No. | Project No. |
| C052        | 18-580      |

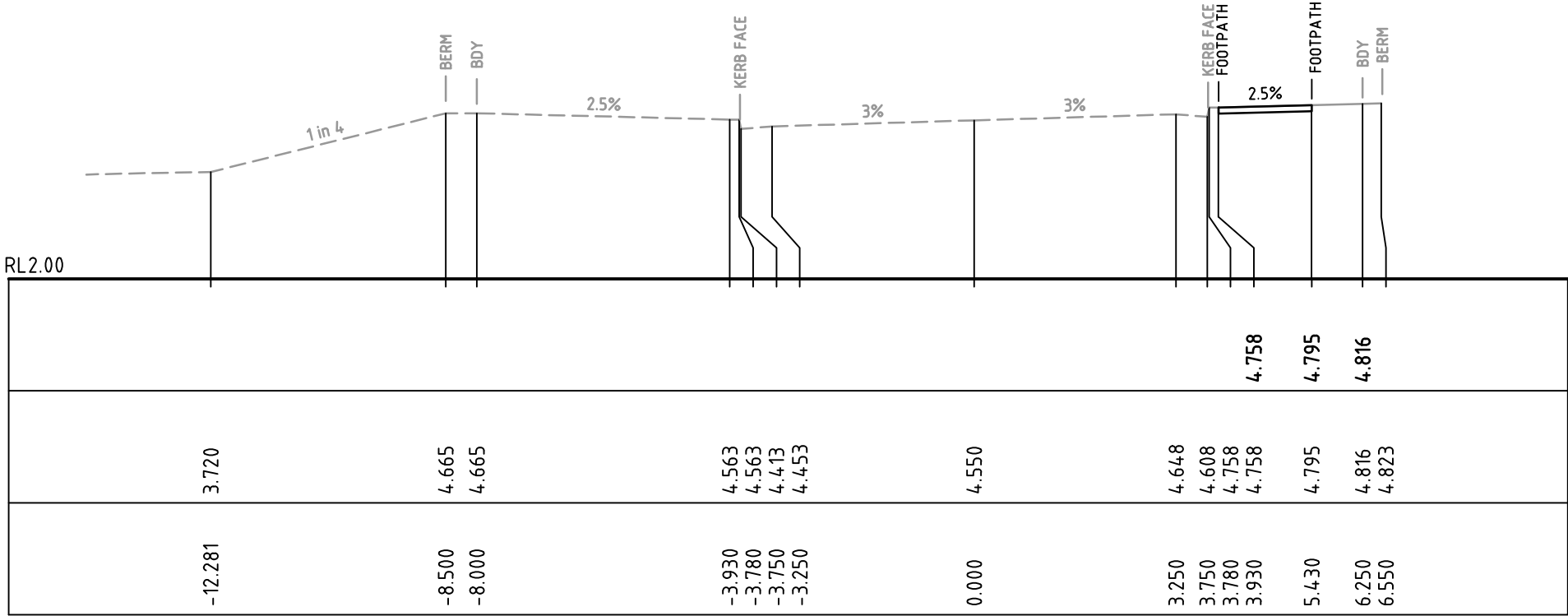
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A1

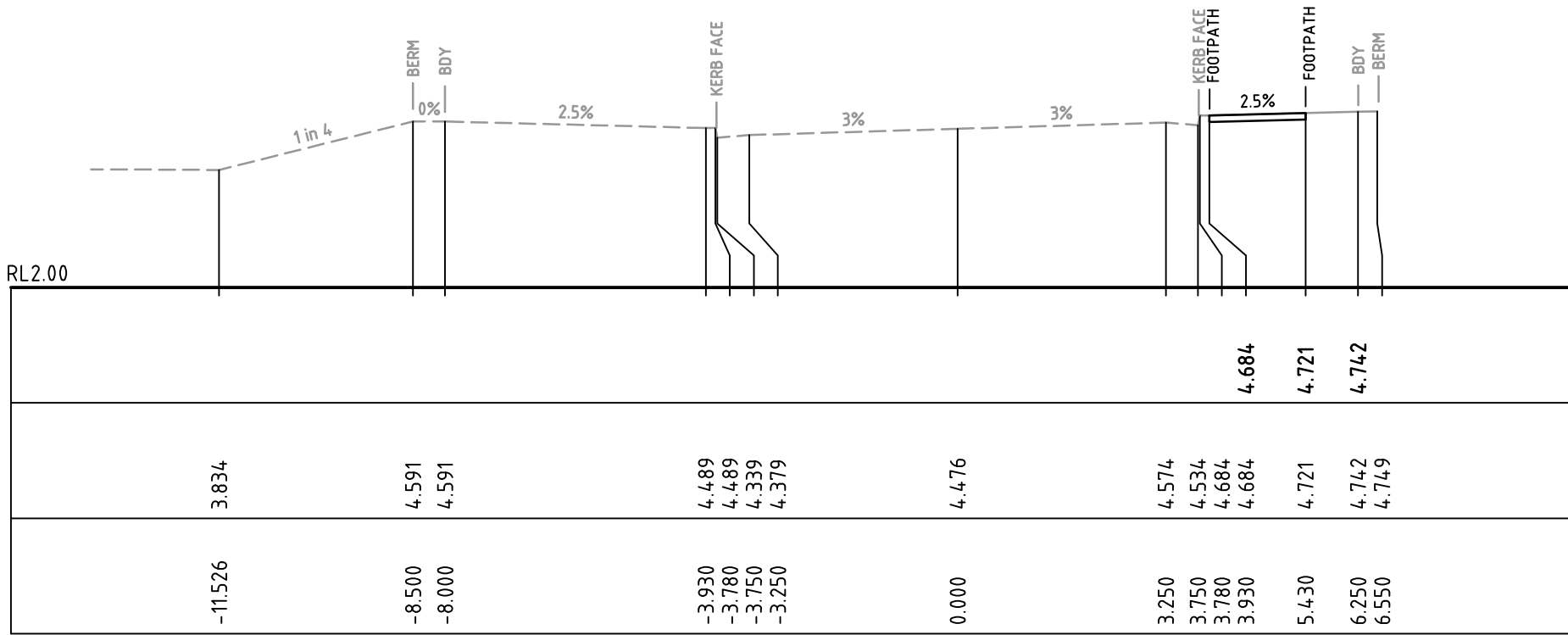
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Issue  
C

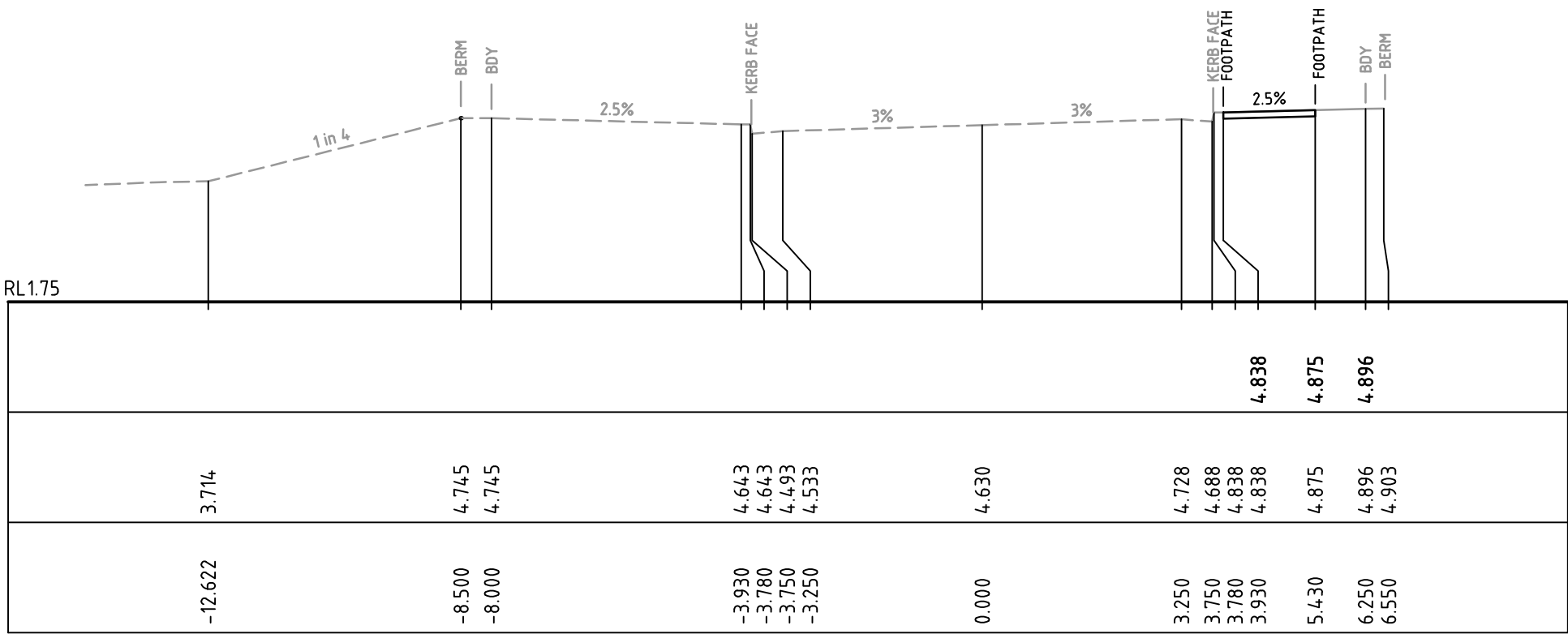




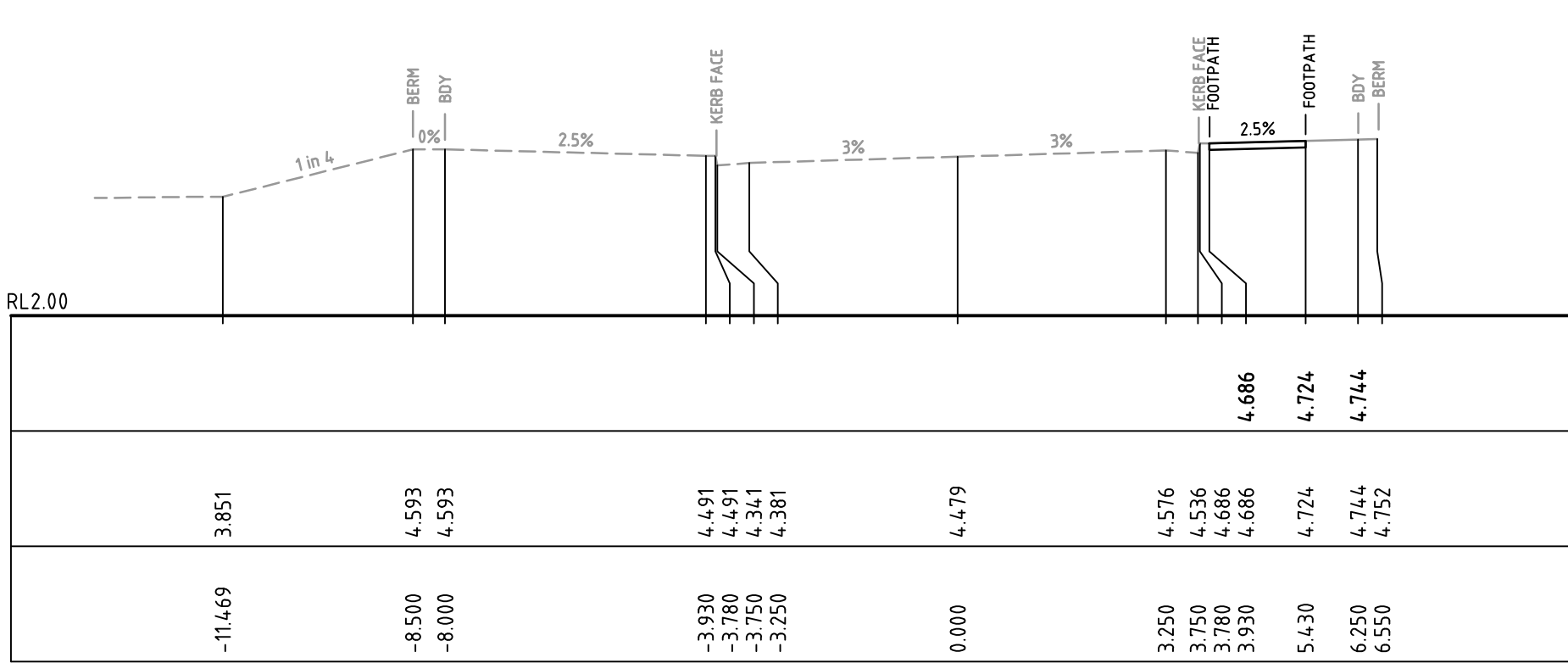
CH 170



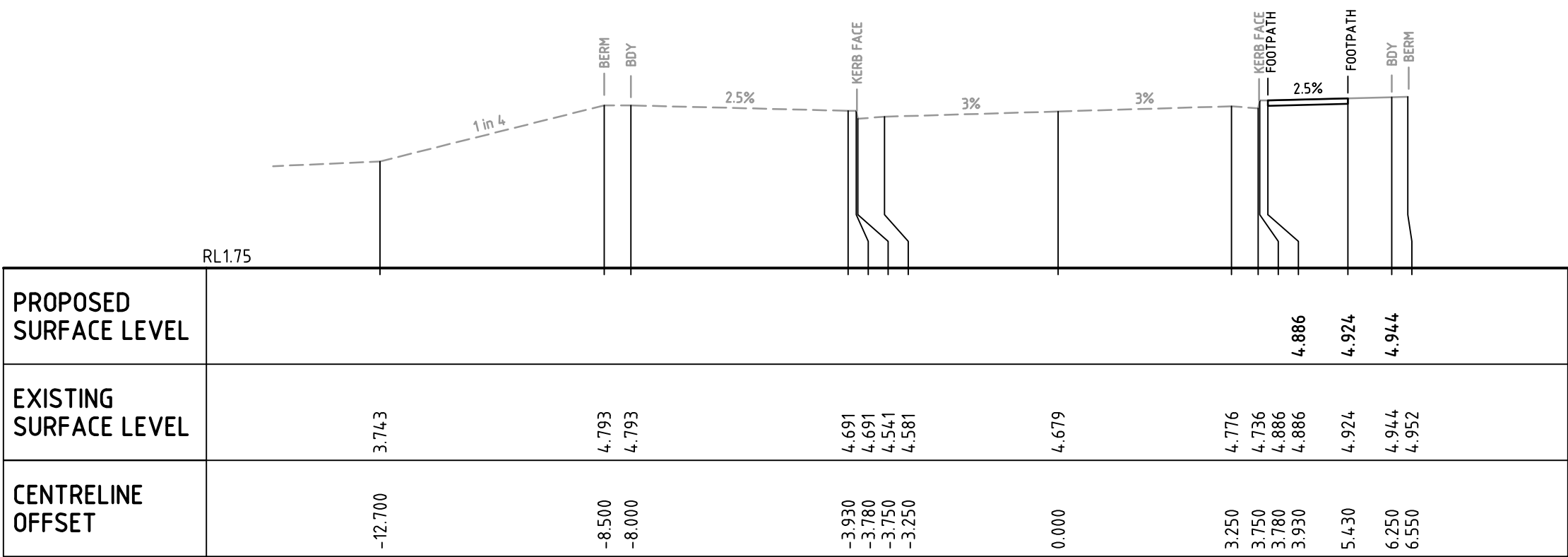
CH 180.745



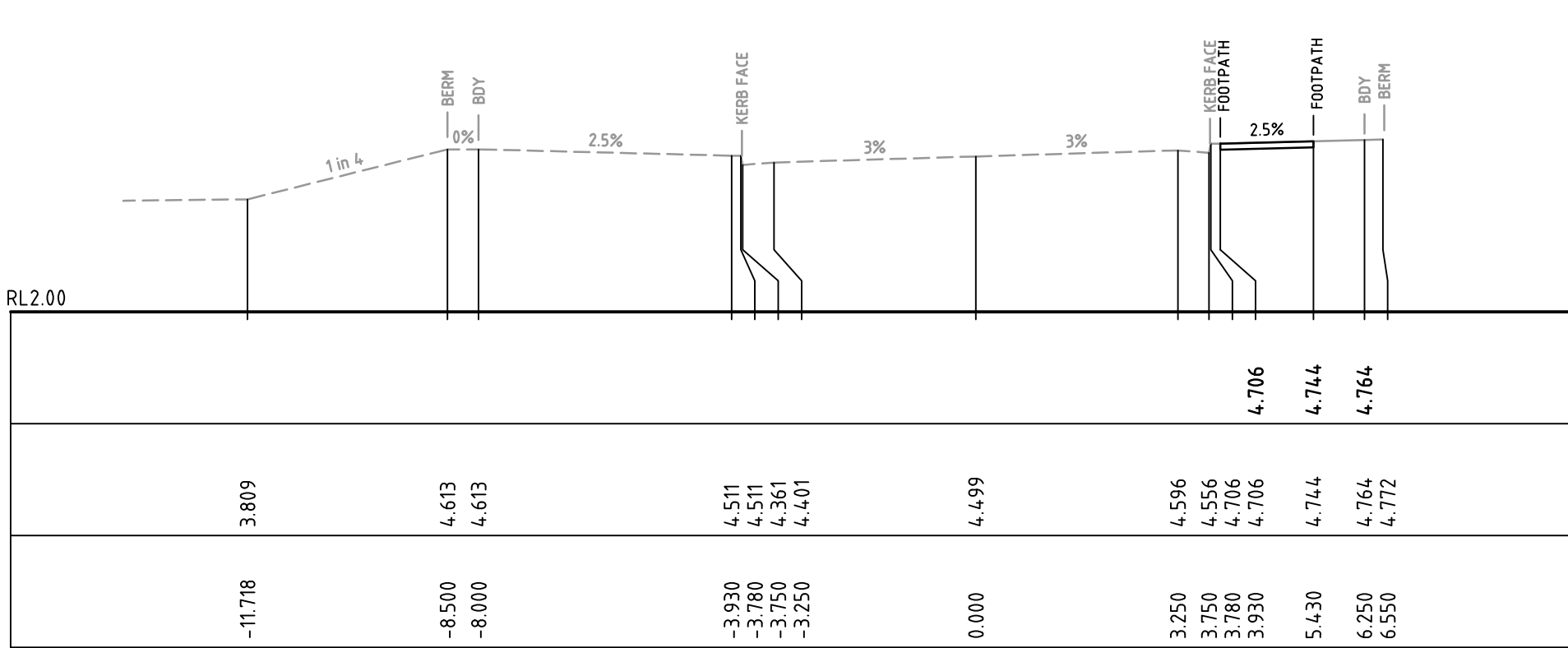
CH 160



CH 180

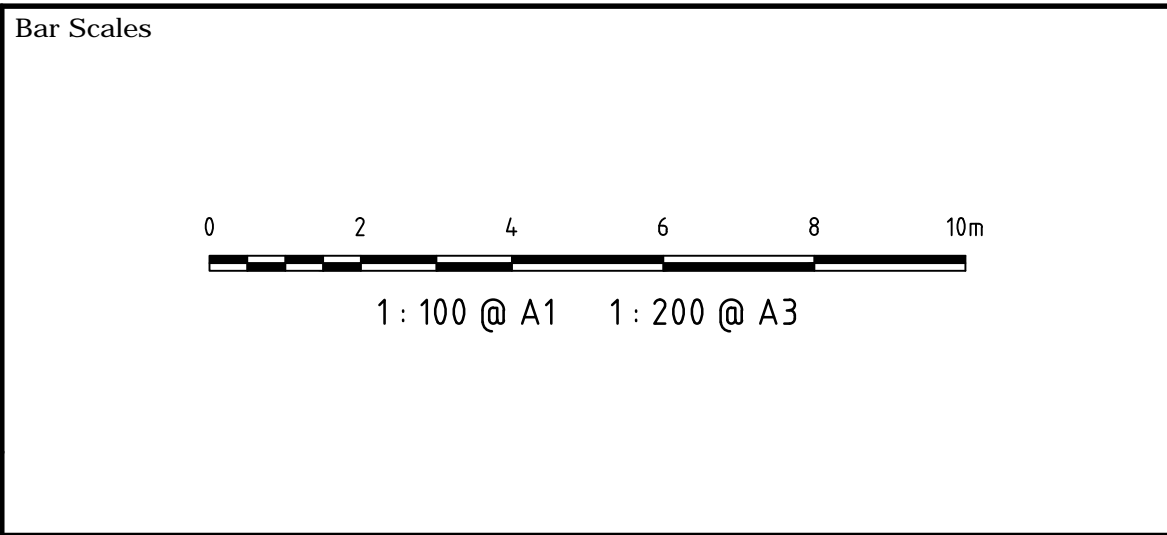


CH 150



CH 176.461

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



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| 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 4

Civil Engineers and Project Managers

Level 7, 153 Walker Street  
North Sydney NSW 2060  
ABN 96 130 882 405  
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Fax: 02 9460 8413  
www.atl.net.au  
info@atl.net.au

Status

FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.

C053

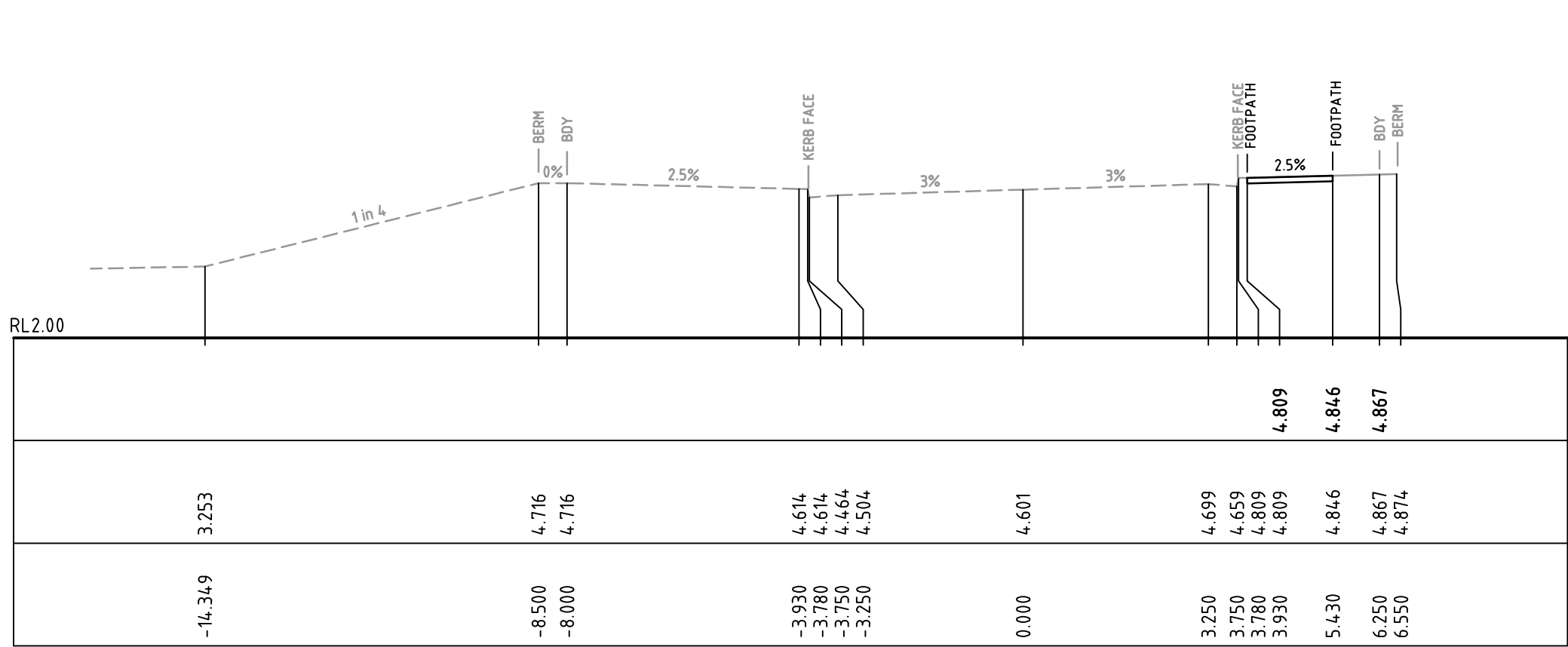
Project No.

18-580

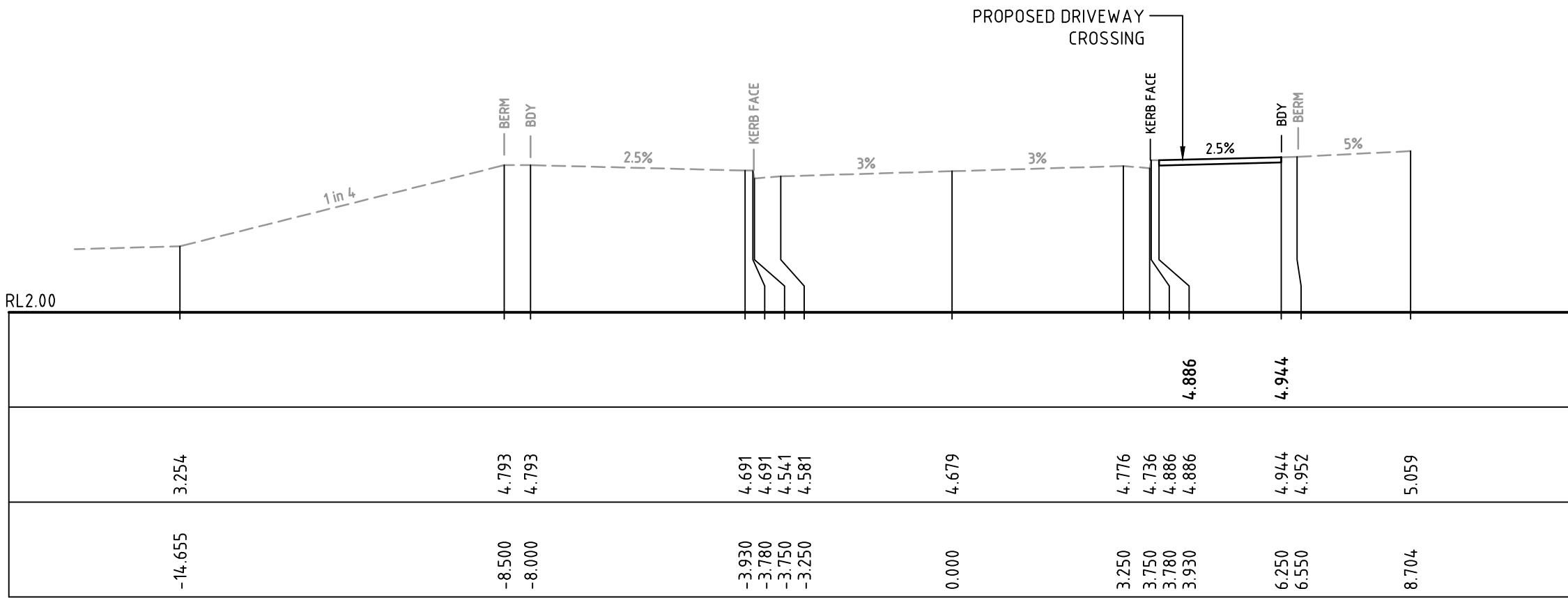
Issue

C

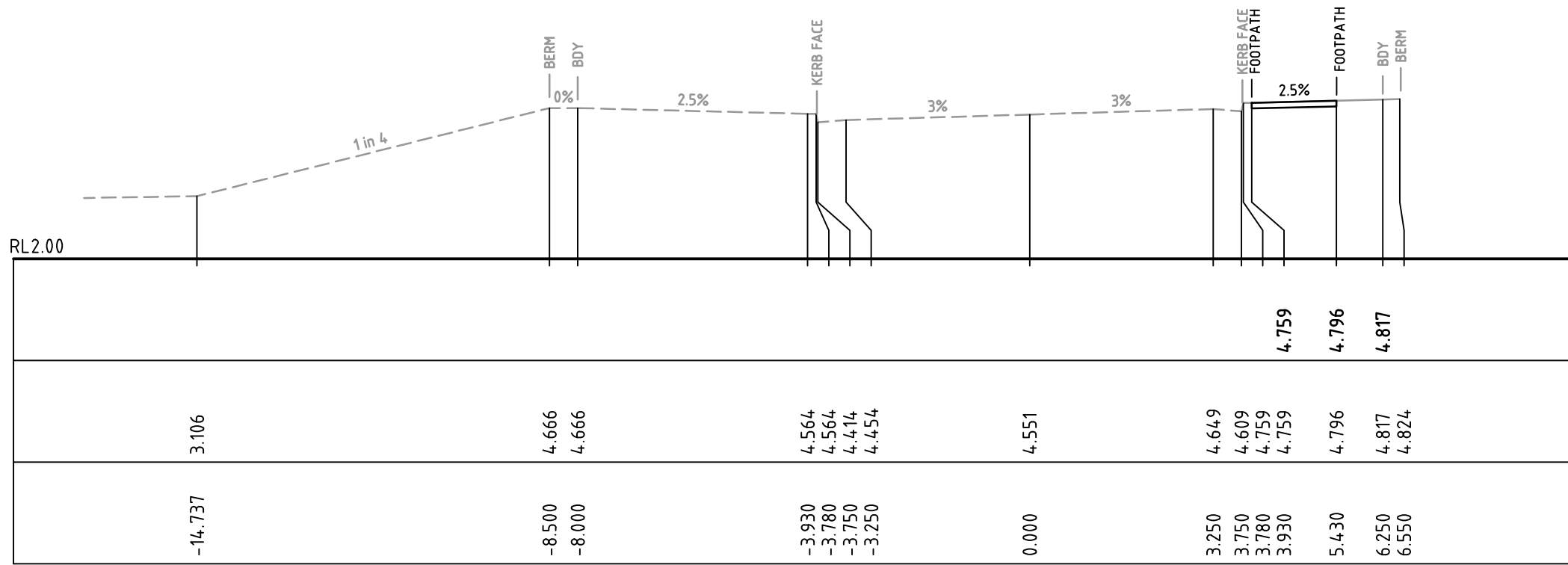




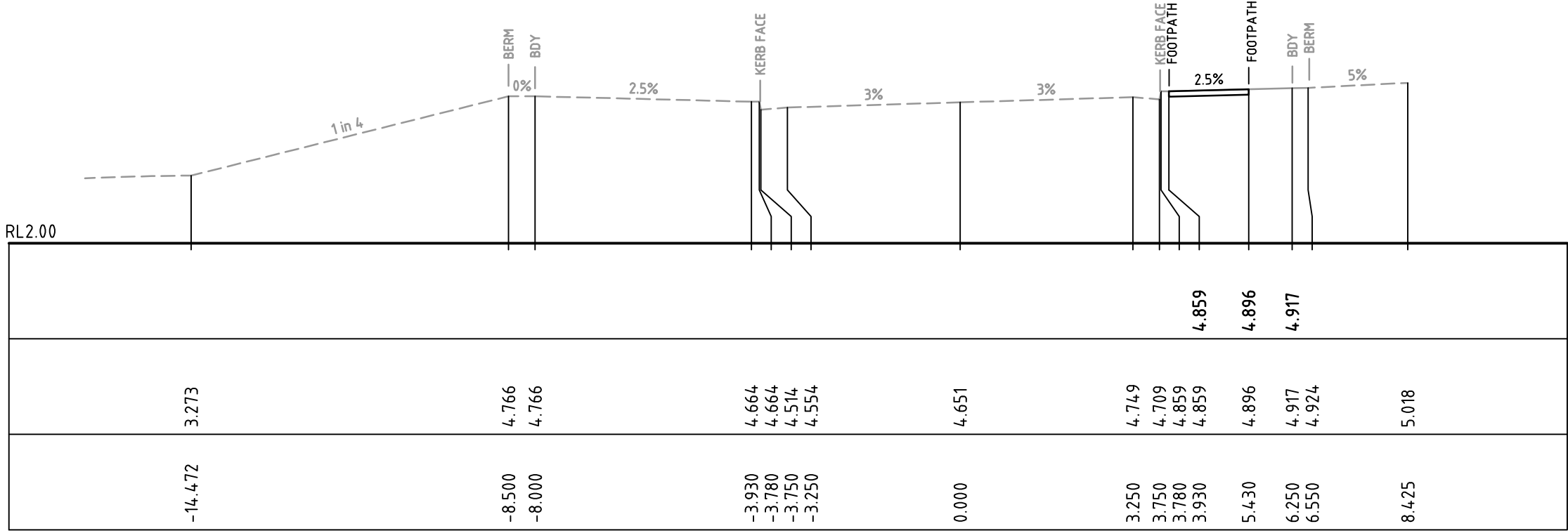
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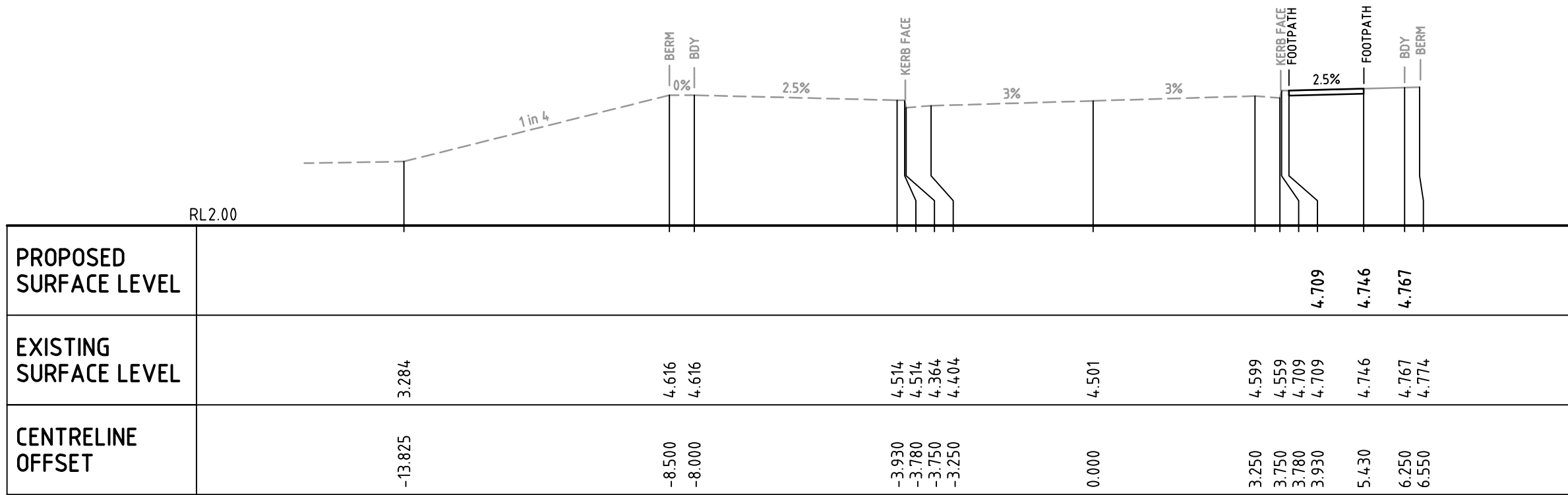
CH 225.46



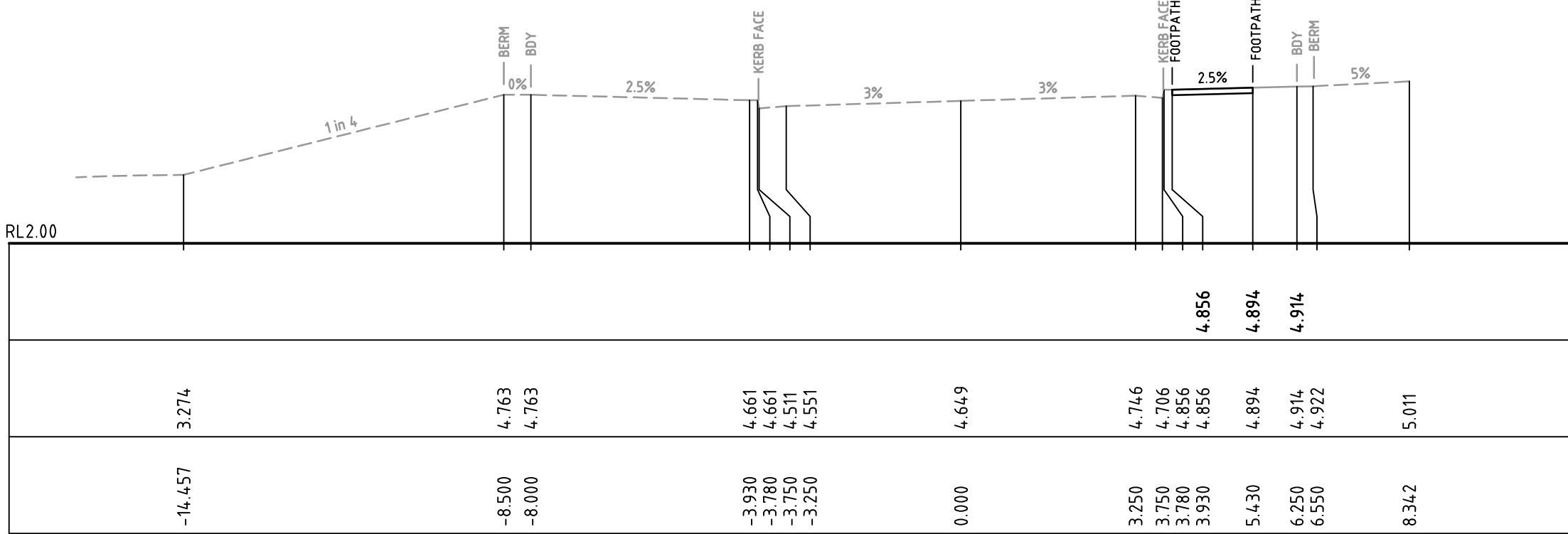
CH 200



CH 220

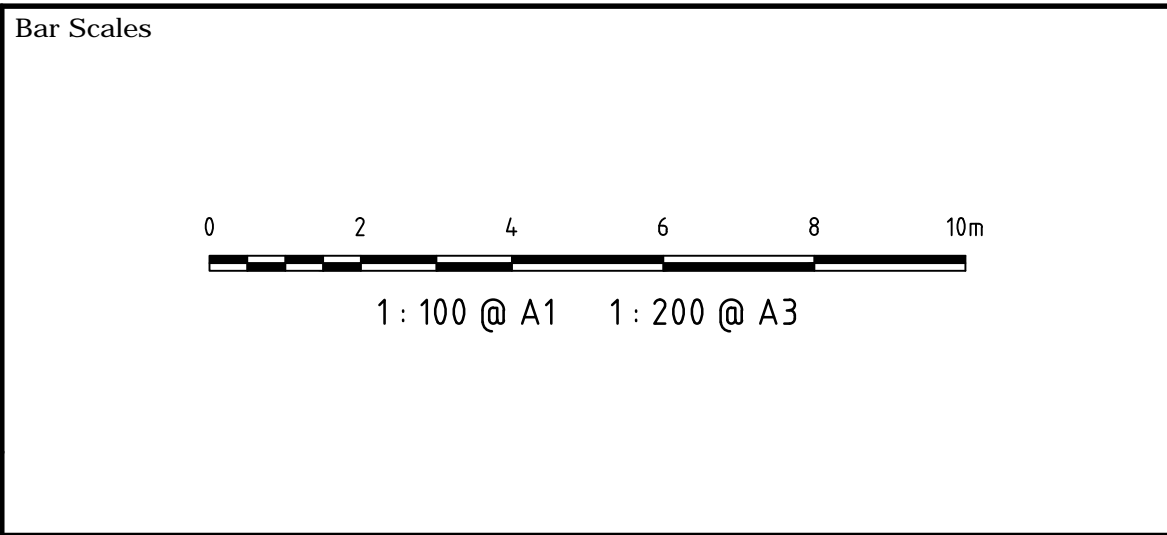


CH 190



CH 219.421

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| 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 : 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**

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

Status

**FOR APPROVAL**

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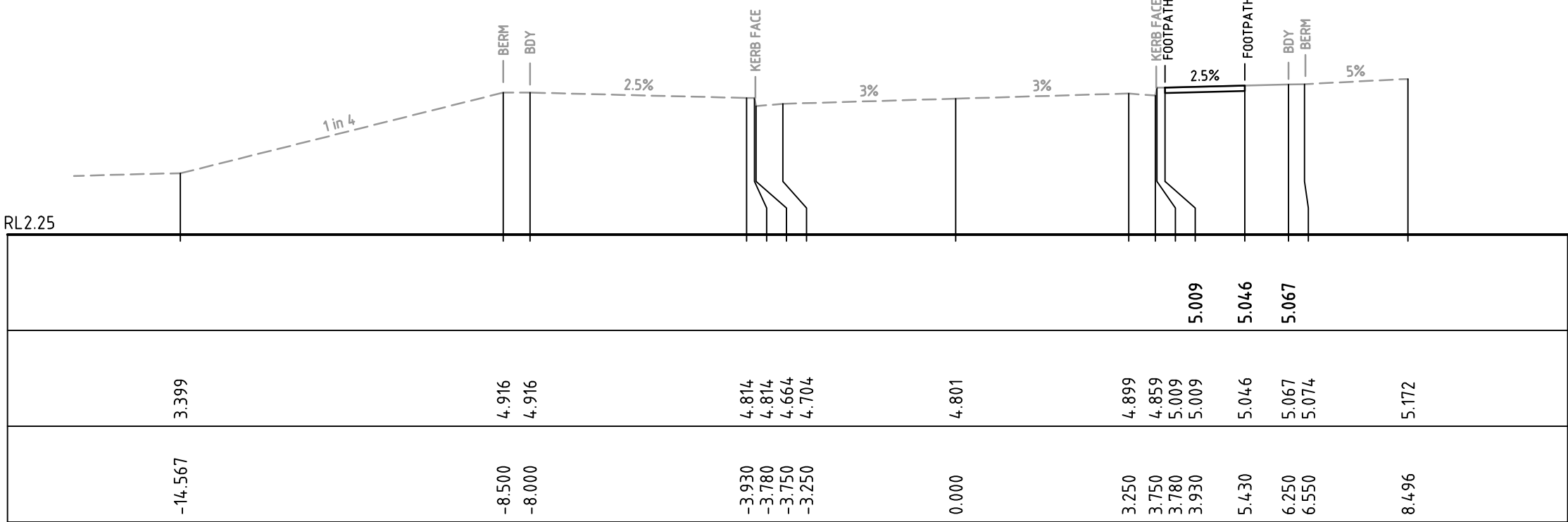
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Project No. **18-580**

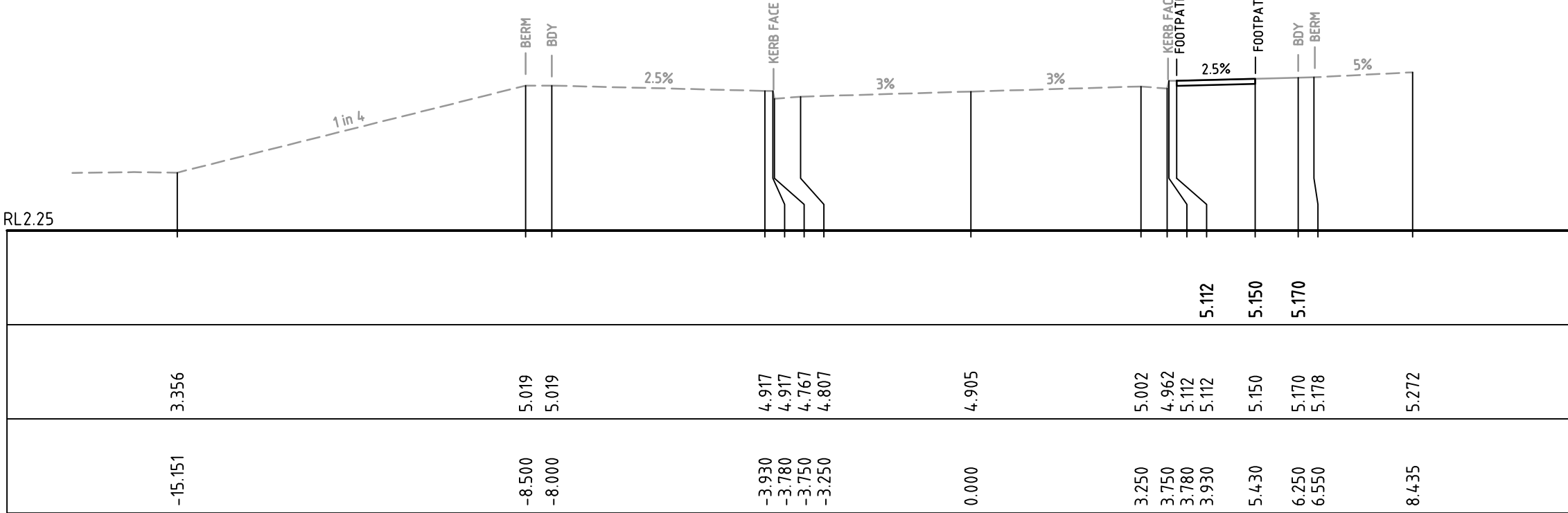
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**A1**

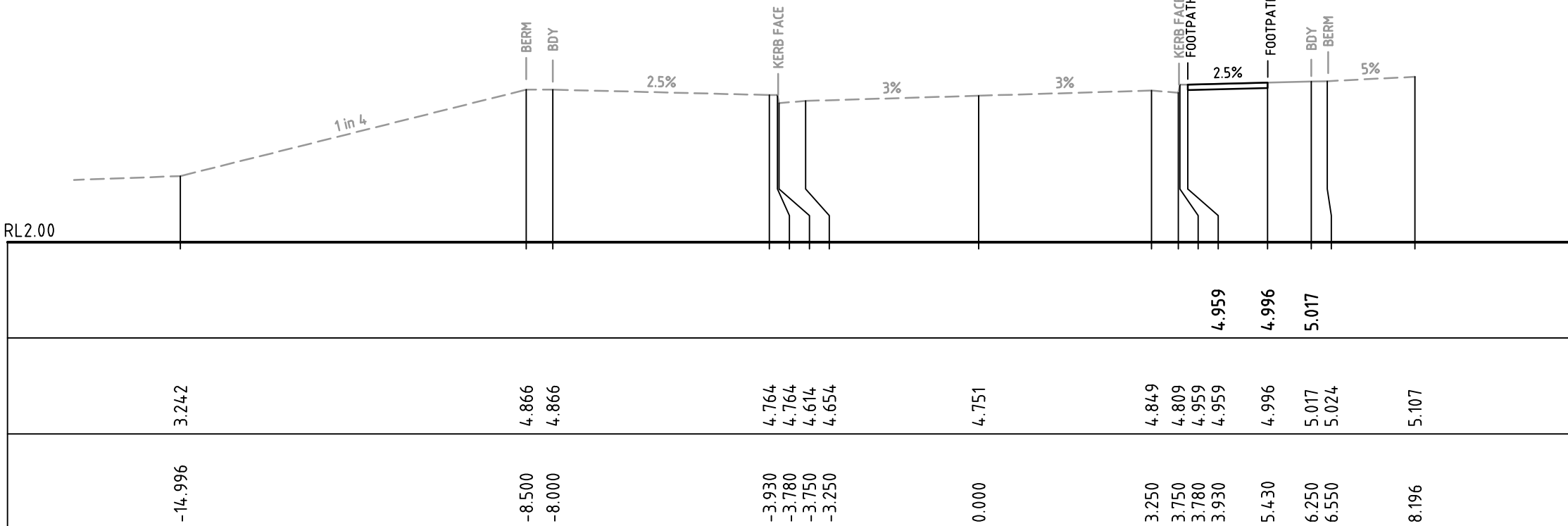




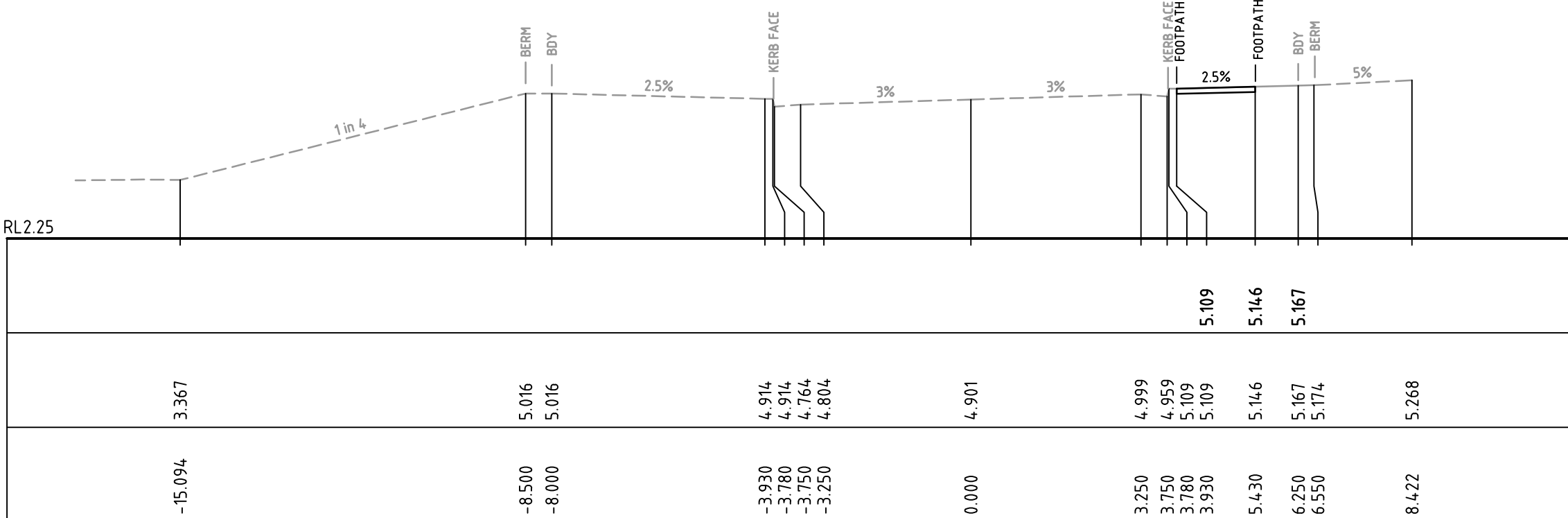
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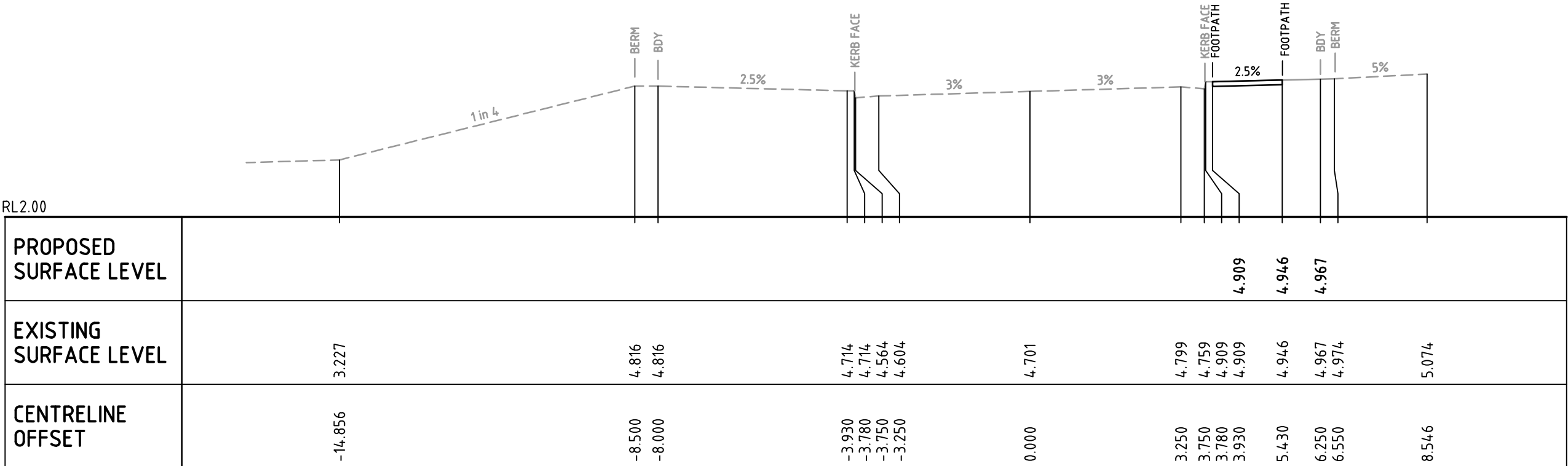
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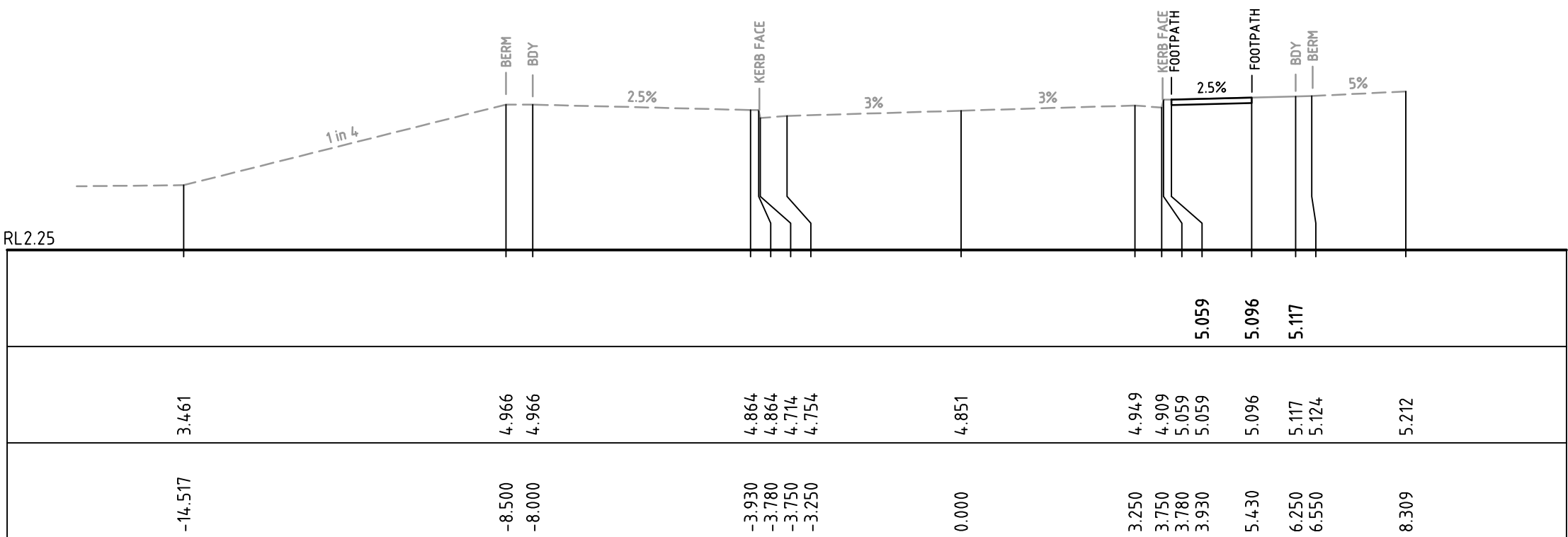
CH 240



CH 270



CH 230



CH 260

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

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

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

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|--------------|--------------|----------|----|
| 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 6**

Civil Engineers and Project Managers

Level 7, 153 Walker Street  
North Sydney NSW 2060  
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[www.atl.net.au](http://www.atl.net.au)  
[info@atl.net.au](mailto:info@atl.net.au)

Status

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Drawing No.

C055

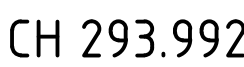
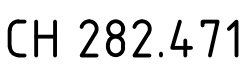
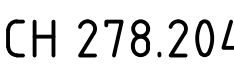
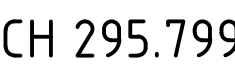
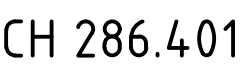
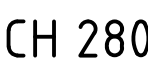
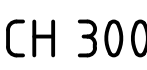
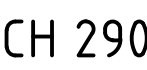
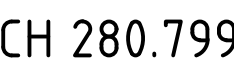
Project No.

18-580

Issue

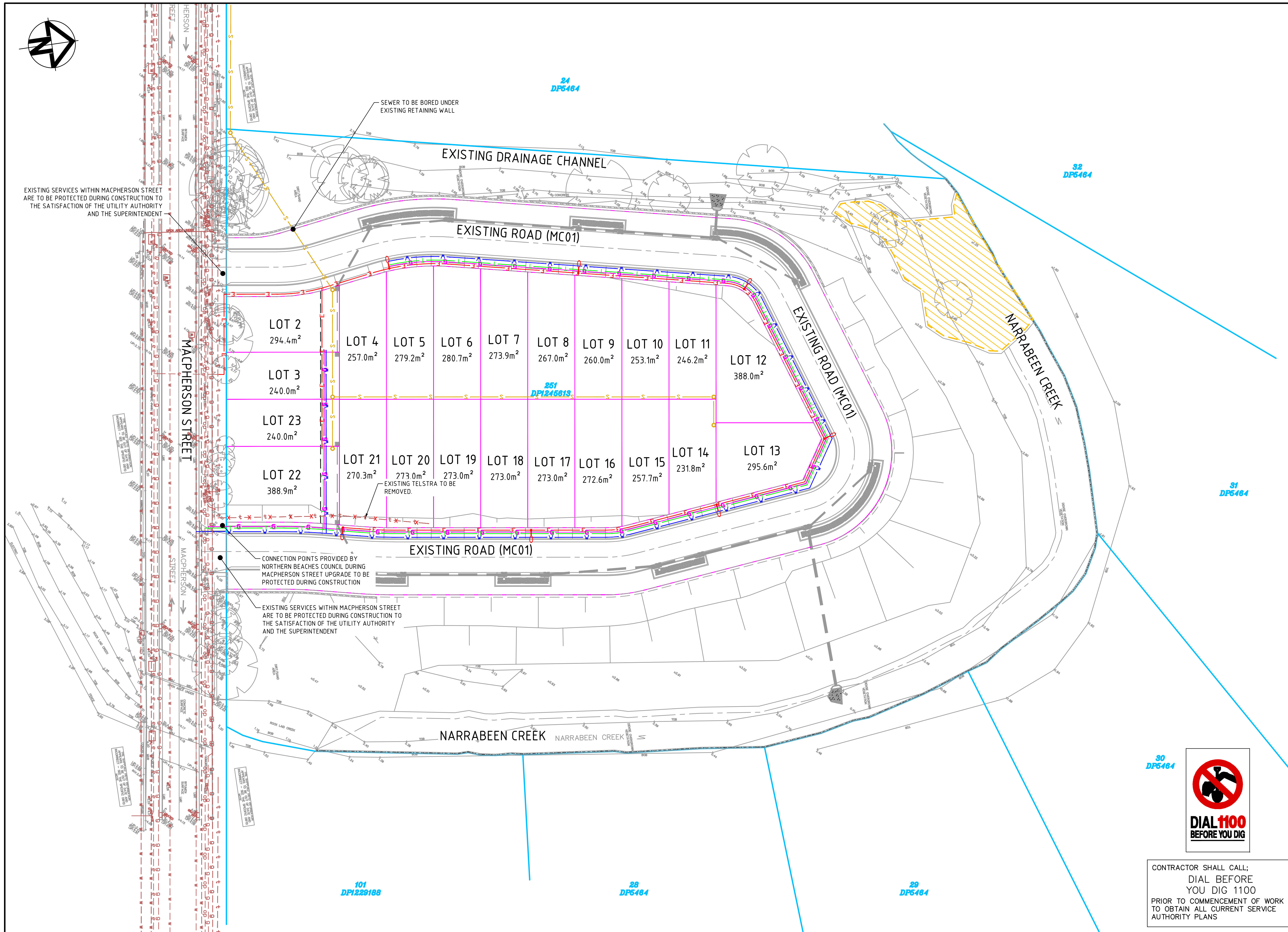
C





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### 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

- 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.
- SERVICE ALIGNMENTS AND CONNECTION DETAILS ARE SUBJECT TO INDIVIDUAL UTILITIES AND LOT APPROVAL SHOULD BE CONSIDERED INDICATIVE ONLY.
- REFER DRAWING C020 FOR CIVIL DETAILS.
- SEWER AND WATER DESIGN TO BE CONFIRMED BY A SYDNEY WATER ACCREDITED WSC.
- ELECTRICAL AND NBN DESIGN TO BE CONFIRMED BY A LEVEL 3 ELECTRICAL DESIGNER
- GAS RETICULATION DESIGN TO BE PROVIDED BY JEMENA

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

Bar Scales

0 10 20 30 40m

1 : 400 @ A1 1 : 800 @ A3

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

Client

**KARIMBLA**  
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

Scales 1 : 400 @ A1

|          |    |
|----------|----|
| Drawn    | GJ |
| Designed | GJ |
| Checked  | AT |
| Approved |    |

Grid MGA

Height Datum AHD

Project **2 MACPHERSON STREET WARRIEWOOD SUBDIVISION PACKAGE**

Title **SERVICES AND UTILITIES COORDINATION PLAN**

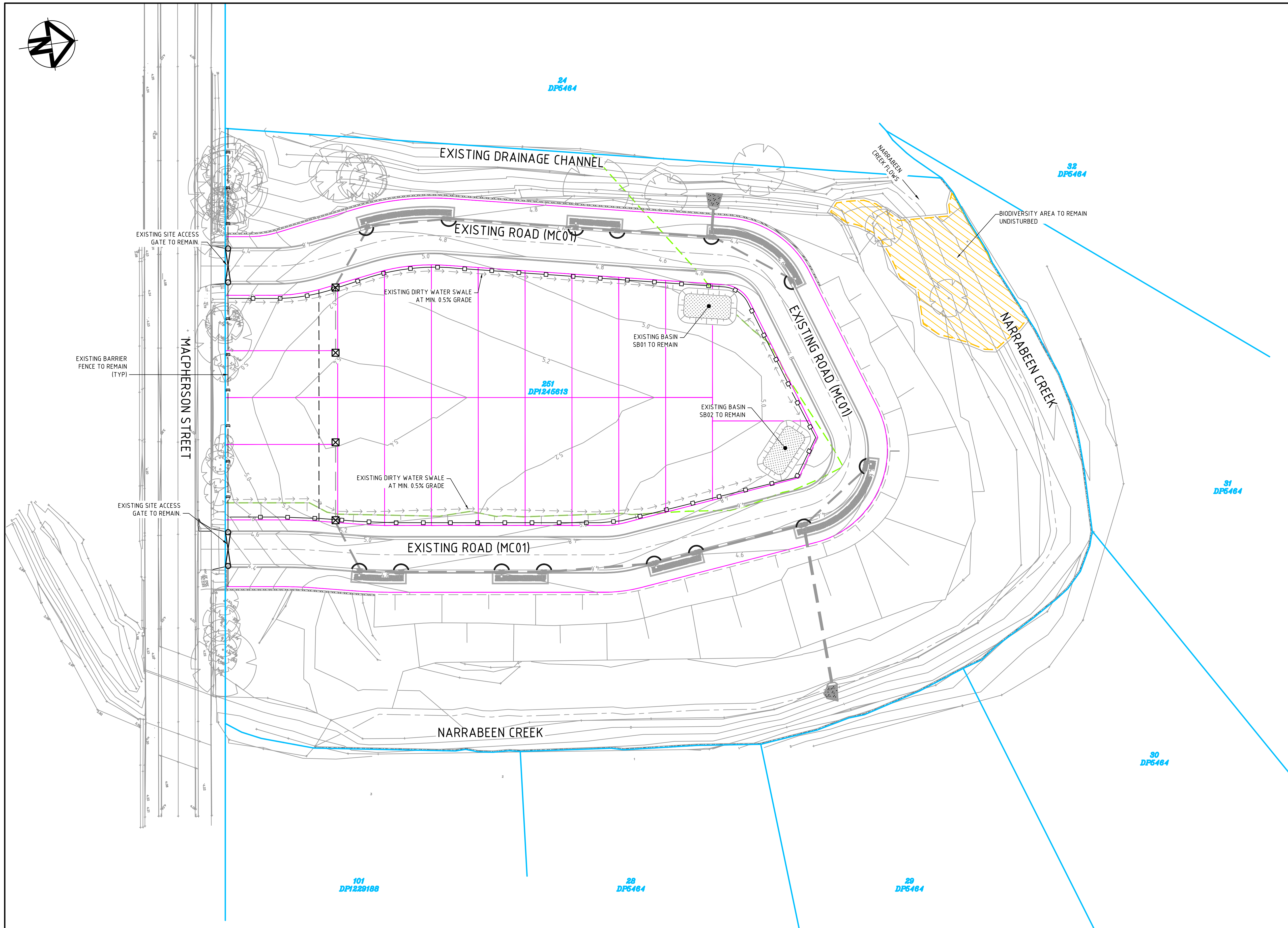
Civil Engineers and Project Managers

**at&l**

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

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





**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**

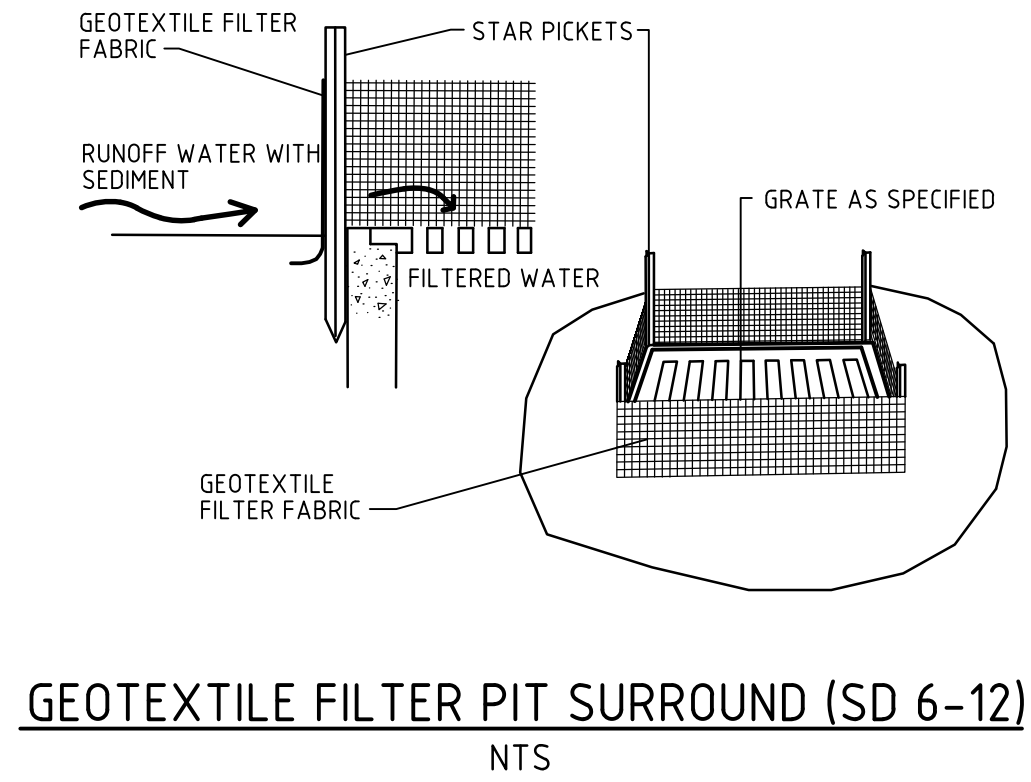
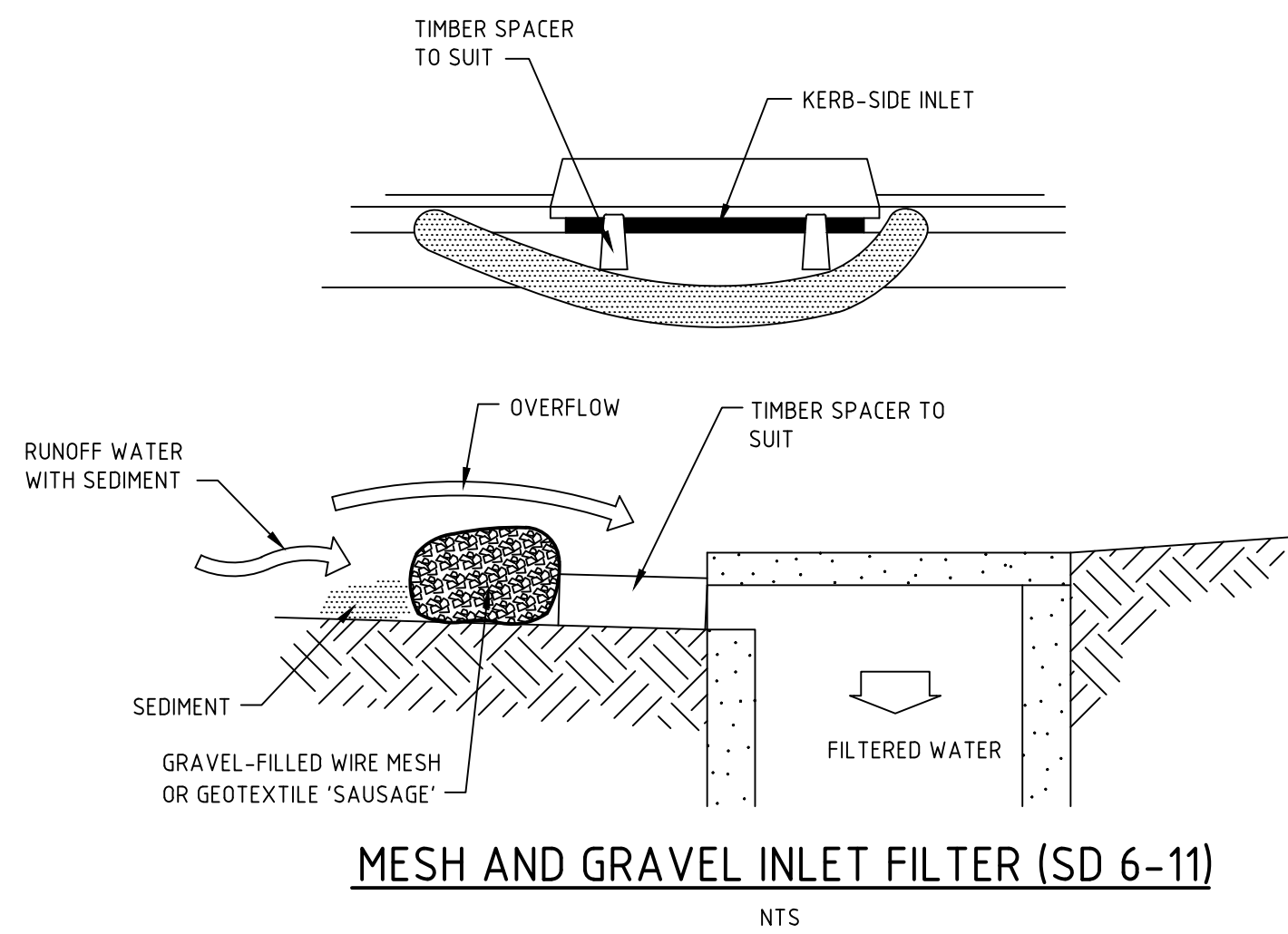
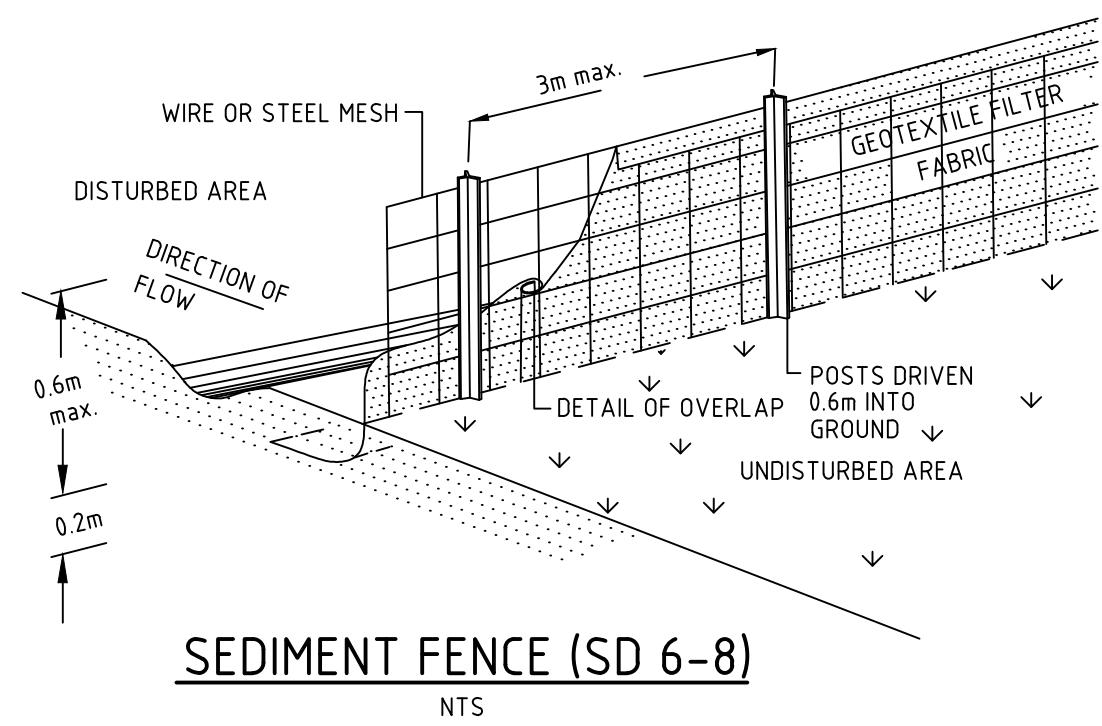
- PROPOSED BOUNDARY

**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.

|   |                     |          |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
|---|---------------------|----------|----|--|--|--|--|---|--|------------------------------|--|--|--|--|--|--|--|---|---------------------|----------|---|---------------------|----------|---|---------------------|----------|-------|-------------|------|--|--|---|--|--|--|---|--|--------|--------------|-------|----|--|--|----------|----|------|-----|---------|----|--------------|-----|----------|--|---|--|--|--|
| <table><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td>C</td><td>ISSUED FOR APPROVAL</td><td>22-07-19</td></tr><tr><td>B</td><td>ISSUED FOR APPROVAL</td><td>17-07-19</td></tr><tr><td>A</td><td>ISSUED FOR APPROVAL</td><td>12-07-19</td></tr><tr><td>Issue</td><td>Description</td><td>Date</td></tr></table> |                     |          |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  | C | ISSUED FOR APPROVAL | 22-07-19 | B | ISSUED FOR APPROVAL | 17-07-19 | A | ISSUED FOR APPROVAL | 12-07-19 | Issue | Description | Date | <p>Bar Scales</p> <p>0 10 20 30 40m</p> <p>1 : 400 @ A1 1 : 800 @ A3</p> |  | <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</p> <p><b>KARIMBLA</b><br/>CONSTRUCTION SERVICES (NSW) PTY LIMITED</p> <p>Level 11, 528 Kent Street, Sydney NSW 2000<br/>Tel: (02) 9287 2888 Fax: (02) 9287 2777<br/>Email: info@design.meriton.com.au<br/>Internet: http://www.meriton.com.au</p> |  | <table><tr><td>Scales</td><td>1 : 400 @ A1</td><td>Drawn</td><td>GJ</td></tr><tr><td></td><td></td><td>Designed</td><td>GJ</td></tr><tr><td>Grid</td><td>MGA</td><td>Checked</td><td>AT</td></tr><tr><td>Height Datum</td><td>AHD</td><td>Approved</td><td></td></tr></table> |  | Scales | 1 : 400 @ A1 | Drawn | GJ |  |  | Designed | GJ | Grid | MGA | Checked | AT | Height Datum | AHD | Approved |  | <p>Project</p> <p><b>2 MACPHERSON STREET<br/>WARRIEWOOD<br/>SUBDIVISION<br/>PACKAGE</b></p> |  | <p>Civil Engineers and Project Managers</p> <p><b>at&amp;l</b></p> <p>Level 7, 153 Walker Street<br/>North Sydney NSW 2060<br/>ABN 96 130 882 405<br/>Tel: 02 9439 1777<br/>Fax: 02 9460 8413<br/>www.atl.net.au<br/>info@atl.net.au</p> |  |
|   |                     |          |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
|   |                     |          |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
|   |                     |          |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
|   |                     |          |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
|   |                     |          |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
| C   | ISSUED FOR APPROVAL | 22-07-19 |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
| B   | ISSUED FOR APPROVAL | 17-07-19 |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
| A   | ISSUED FOR APPROVAL | 12-07-19 |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
| Issue   | Description         | Date     |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
| Scales  | 1 : 400 @ A1        | Drawn    | GJ |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
|   |                     | Designed | GJ |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
| Grid  | MGA                 | Checked  | AT |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
| Height Datum  | AHD                 | Approved |    |  |  |  |  |   |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
|   |                     |          |    |  |  | <p>Status</p> <p><b>FOR APPROVAL</b><br/>NOT TO BE USED FOR CONSTRUCTION</p> |  | <p>A1</p>                               |  |                              |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |
|   |                     |          |    |  |  | <p>Drawing No.</p> <p><b>C080</b></p>  |  | <p>Project No.</p> <p><b>18-580</b></p> |  | <p>Issue</p> <p><b>C</b></p> |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |  |   |  |  |  |   |  |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |  |  |  |





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

|            |  |
|------------|--|
| Bar Scales |  |
|            |  |

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

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

|         |   |
|---------|---|
| Project | 2 MACPHERSON STREET<br>WARRIEWOOD<br>SUBDIVISION<br>PACKAGE |
| Title   | SEDIMENTATION<br>AND EROSION<br>CONTROL<br>DETAILS          |

Civil Engineers and Project Managers

Level 7, 153 Walker Street  
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ABN 96 130 882 405  
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[info@atl.net.au](mailto:info@atl.net.au)

|                                 |              |       |
|---------------------------------|--------------|-------|
| Status                          | FOR APPROVAL | A1    |
| NOT TO BE USED FOR CONSTRUCTION |              |       |
| Drawing No.                     | Project No.  | Issue |
| C081                            | 18-580       | C     |



| Site area                     | Site |      |  |  |  | Remarks |
|-------------------------------|------|------|--|--|--|---------|
|                               | 1    | 2    |  |  |  |         |
| Total catchment area (ha)     | 0.29 | 0.32 |  |  |  |         |
| Disturbed catchment area (ha) | 0.29 | 0.32 |  |  |  |         |

| Soil analysis                         |  |  |  |   |
|---------------------------------------|--|--|--|---|
| % sand (fraction 0.02 to 2.00 mm)     |  |  |  | Soil texture should be assessed through mechanical dispersion only. Dispersing agents (e.g. Calgon) should not be used. |
| % silt (fraction 0.002 to 0.02 mm)    |  |  |  | E.g. enter 10 for dispersion of 10%   |
| % clay (fraction finer than 0.002 mm) |  |  |  |   |
| Dispersion percentage                 |  |  |  |   |
| % of whole soil dispersible           |  |  |  | See Section 6.3.3(e)  |
| Soil Texture Group                    |  |  |  | See Section 6.3.3(c), (d) and (e)   |

|  |      |      |  |  |                                |
|--|------|------|--|--|--------------------------------|
| Design rainfall depth (days)             | 5    | 5    |  |  | See Sections 6.3.4 (d) and (e) |
| Design rainfall depth (percentile)       | 85   | 85   |  |  | See Sections 6.3.4 (f) and (g) |
| x-day, y-percentile rainfall event       | 44   | 44   |  |  | See Section 6.3.4 (h)          |
| Rainfall intensity: 2-year, 6-hour storm | 13.5 | 13.5 |  |  | See IFD chart for the site     |

|  |       |       |  |  |
|--|-------|-------|--|--|
| Rainfall erosivity ( <i>R</i> -factor)       | 3960  | 3960  | Automatic calculation from above data                    |  |
| Soil erodibility ( <i>K</i> -factor)         | 0.007 | 0.007 |  |  |
| Slope length (m)                             | 80    | 80    | RUSLE data can be obtained from<br>Appendices A, B and C |  |
| Slope gradient (%)                           | 5     | 5     |  |  |
| Length/gradient ( <i>LS</i> -factor)         | 1.19  | 1.19  |  |  |
| Erosion control practice ( <i>P</i> -factor) | 1.2   | 1.2   |  |  |
| Ground cover ( <i>C</i> -factor)             | 1     | 1     |  |  |

|   |    |    |  |  |  |                                     |
|---|----|----|--|--|--|-------------------------------------|
| Soil loss (t/ha/yr)                           | 40 | 40 |  |  |  |                                     |
| Soil Loss Class                               | 1  | 1  |  |  |  | See Section 4.4.2(b)                |
| Soil loss (m <sup>3</sup> /ha/yr)             | 30 | 30 |  |  |  |                                     |
| Sediment basin storage volume, m <sup>3</sup> | 2  | 2  |  |  |  | See Sections 6.3.4(i) and 6.3.5 (e) |

[illegible]

| ARI<br>(yrs) | Frequency<br>factor<br>( $F_r$ ) | Peak flows       |                  |  |             |                  |             | Comment |
|--------------|----------------------------------|------------------|------------------|--|-------------|------------------|-------------|---------|
|              |                                  | 1<br>( $m^3/s$ ) | 2<br>( $m^3/s$ ) |  | ( $m^3/s$ ) | 5<br>( $m^3/s$ ) | ( $m^3/s$ ) |         |
| 1 yr,t       | 0.9                              | 0.036            | 0.039            |  |             |                  |             |         |
| 5 yr,t       | 0.95                             | 0.061            | 0.067            |  |             |                  |             |         |
| 10 yr,t      | 1                                | 0.072            | 0.079            |  |             |                  |             |         |
| 20 yr,t      | 1.05                             | 0.086            | 0.095            |  |             |                  |             |         |
| 50 yr,t      | 1.15                             | 0.110            | 0.121            |  |             |                  |             |         |
| 100 yr,t     | 1.2                              | 0.127            | 0.140            |  |             |                  |             |         |

[illegible]

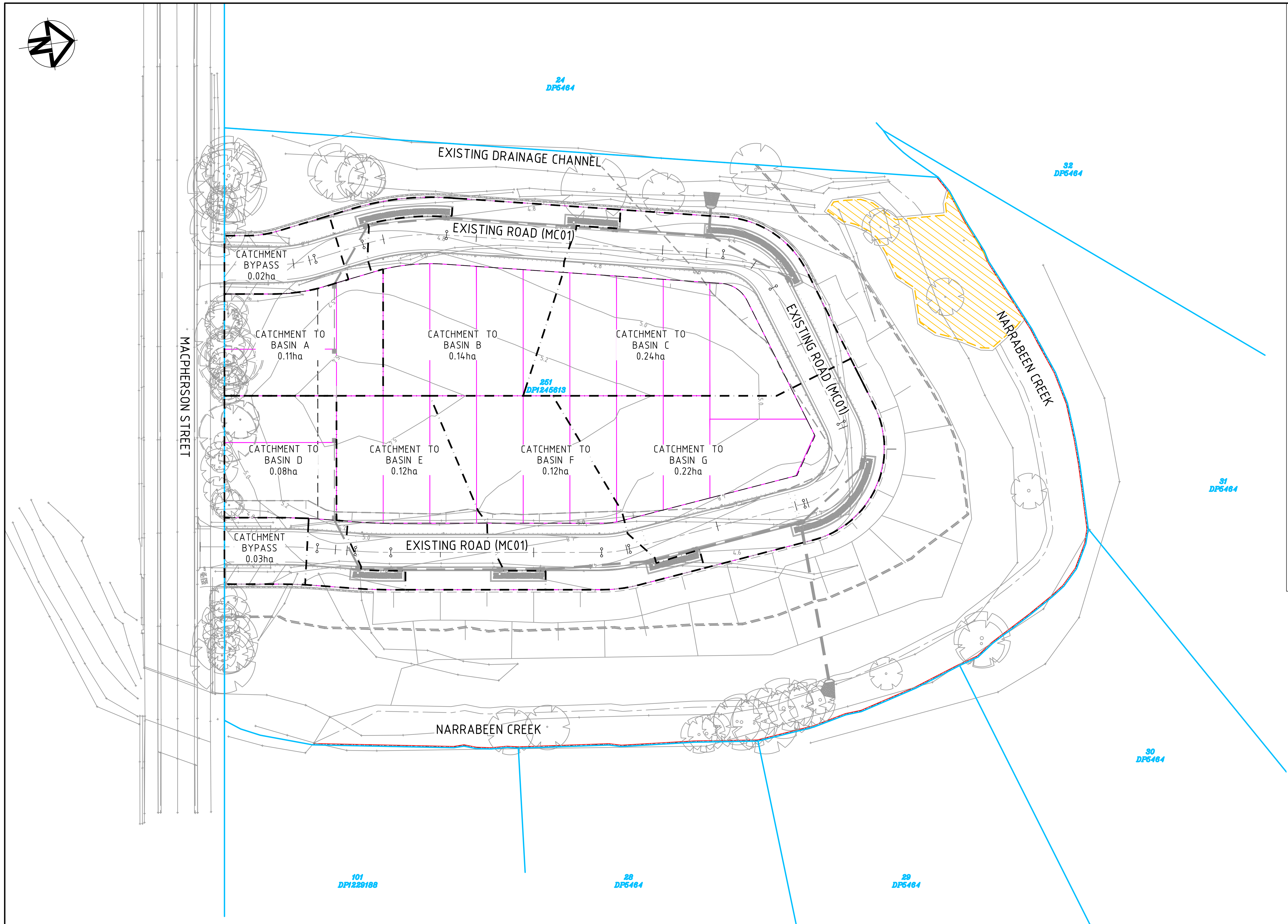
## Bar Scales

The image shows the logo and contact information for Karimbla Construction Services (NSW) Pty Limited. The logo consists of a stylized 'K' made of two overlapping shapes, one light blue and one light grey, with a vertical bar of five small squares to its left. To the right of the logo, the company name 'KARIMBLA' is written in large, bold, black capital letters. Below it, 'CONSTRUCTION SERVICES (NSW)' is written in a smaller, bold, black capital font, followed by 'PTY LIMITED' in a regular black capital font. At the bottom, the contact information is listed: 'Level 11, 528 Kent Street, Sydney NSW 2000', 'Tel: (02) 9287 2888', 'Fax: (02) 9287 2777', 'Email: info@design.meriton.com.au', and 'Internet: http://www.meriton.com.au'.

|         |   |
|---------|---|
| Project | 2 MACPHERSON STREET<br>WARRIEWOOD<br>SUBDIVISION<br>PACKAGE |
| Title   | SEDIMENTATION<br>AND EROSION<br>CONTROL<br>CALCULATIONS     |

F:\18-580 Warriewood Meriton\6.0 Drgs\Civil\Final\000 Series - Subdivision\C082.dwg





### SW CATCHMENT LEGEND

**EXISTING**

- EXISTING BOUNDARY
- EXISTING CONTOUR
- EXISTING TREE

**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

**PROPOSED**

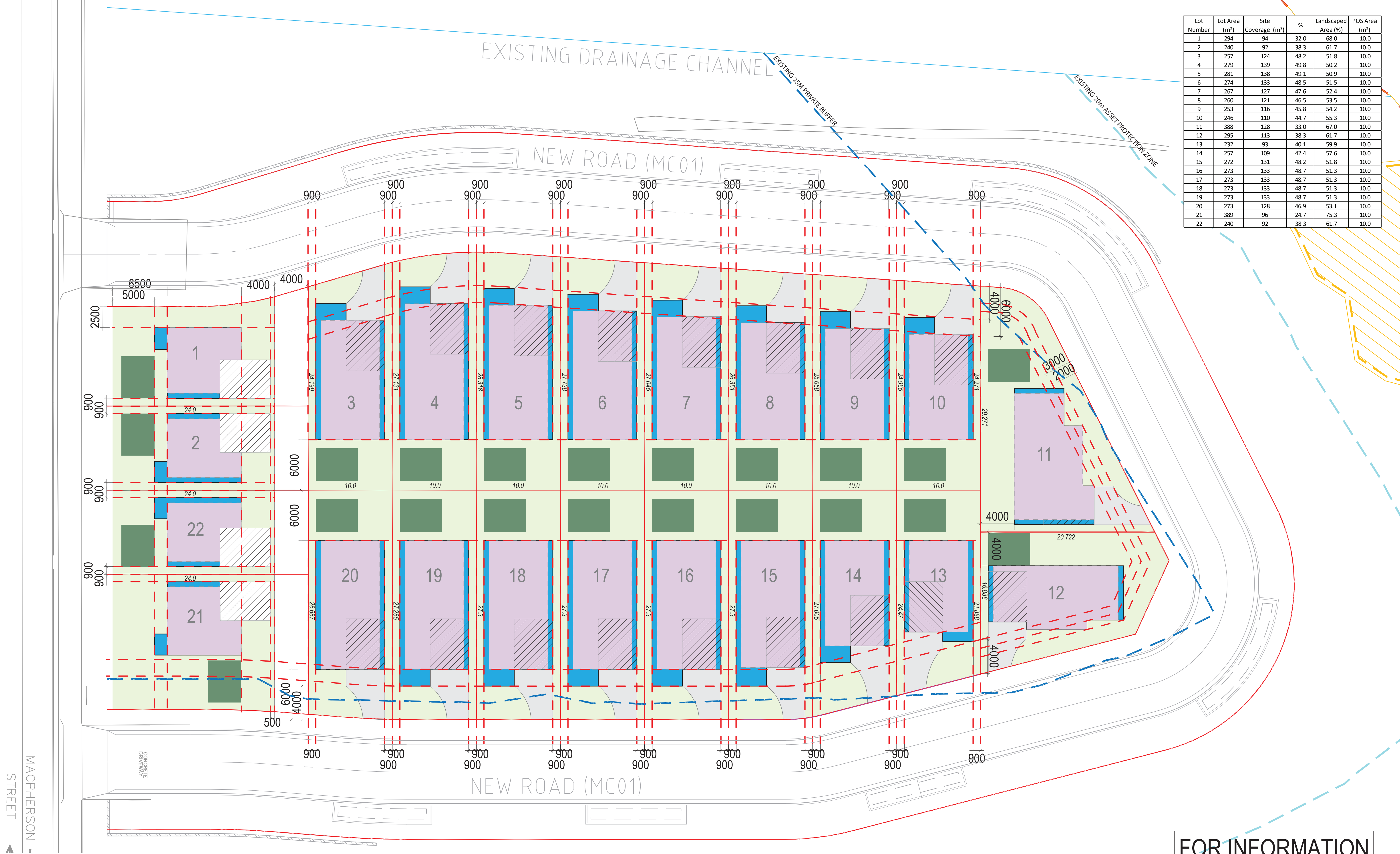
- PROPOSED EASEMENT
- PROPOSED CREEK CENTERLINE
- PROPOSED 25m RIPARIAN CORRIDOR
- PROPOSED 25m PRIVATE BUFFER
- STORMWATER CATCHMENT BOUNDARY
- STORMWATER CATCHMENT IDENTIFICATION

**NOTES**

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

|   |                     |           |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
|---|---------------------|-----------|----|--|--|--|--|--|--|--|--|--|--|--|--|---|---------------------|----------|---|---------------------|----------|---|---------------------|----------|-------|-------------|------|--|---|--|---|--------|--------------|-------|----|--|--|----------|----|------|-----|---------|----|--------------|-----|----------|--|---|---|--------|---------------------|-----------|---------------------------------|--|--|-------------|------|-------|-------------|--------|---|
| <table><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td>C</td><td>ISSUED FOR APPROVAL</td><td>22-07-19</td></tr><tr><td>B</td><td>ISSUED FOR APPROVAL</td><td>17-07-19</td></tr><tr><td>A</td><td>ISSUED FOR APPROVAL</td><td>12-07-19</td></tr><tr><td>Issue</td><td>Description</td><td>Date</td></tr></table> |                     |           |    |  |  |  |  |  |  |  |  |  |  |  |  | C | ISSUED FOR APPROVAL | 22-07-19 | B | ISSUED FOR APPROVAL | 17-07-19 | A | ISSUED FOR APPROVAL | 12-07-19 | Issue | Description | Date | <p>Bar Scales</p> <p>0 10 20 30 40m</p> <p>1 : 400 @ A1 1 : 800 @ A3</p> | <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</p> <p><b>KARIMBLA</b><br/>CONSTRUCTION SERVICES (NSW) PTY LIMITED</p> <p>Level 11, 528 Kent Street, Sydney NSW 2000<br/>Tel: (02) 9287 2888 Fax: (02) 9287 2777<br/>Email: info@design.meriton.com.au<br/>Internet: http://www.meriton.com.au</p> | <table><tr><td>Scales</td><td>1 : 400 @ A1</td><td>Drawn</td><td>GJ</td></tr><tr><td></td><td></td><td>Designed</td><td>GJ</td></tr><tr><td>Grid</td><td>MGA</td><td>Checked</td><td>AT</td></tr><tr><td>Height Datum</td><td>AHD</td><td>Approved</td><td></td></tr></table> | Scales | 1 : 400 @ A1 | Drawn | GJ |  |  | Designed | GJ | Grid | MGA | Checked | AT | Height Datum | AHD | Approved |  | <p>Project</p> <p><b>2 MACPHERSON STREET<br/>WARRIEWOOD<br/>SUBDIVISION<br/>PACKAGE</b></p> <p>Title</p> <p><b>INTERNAL STORMWATER<br/>CATCHMENT<br/>PLAN</b></p> | <p>Civil Engineers and Project Managers</p> <p><b>at&amp;l</b></p> <p>Level 7, 153 Walker Street<br/>North Sydney NSW 2060<br/>ABN 96 130 882 405<br/>Tel: 02 9439 1777<br/>Fax: 02 9460 8413<br/>www.atl.net.au<br/>info@atl.net.au</p> <table><tr><td>Status</td><td><b>FOR APPROVAL</b></td><td><b>A1</b></td></tr><tr><td colspan="3">NOT TO BE USED FOR CONSTRUCTION</td></tr><tr><td>Drawing No.</td><td>C090</td><td>Issue</td></tr><tr><td>Project No.</td><td>18-580</td><td>C</td></tr></table> | Status | <b>FOR APPROVAL</b> | <b>A1</b> | NOT TO BE USED FOR CONSTRUCTION |  |  | Drawing No. | C090 | Issue | Project No. | 18-580 | C |
|   |                     |           |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
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| C   | ISSUED FOR APPROVAL | 22-07-19  |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
| B   | ISSUED FOR APPROVAL | 17-07-19  |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
| A   | ISSUED FOR APPROVAL | 12-07-19  |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
| Issue   | Description         | Date      |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
| Scales  | 1 : 400 @ A1        | Drawn     | GJ |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
|   |                     | Designed  | GJ |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
| Grid  | MGA                 | Checked   | AT |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
| Height Datum  | AHD                 | Approved  |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
| Status  | <b>FOR APPROVAL</b> | <b>A1</b> |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
| NOT TO BE USED FOR CONSTRUCTION   |                     |           |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
| Drawing No.   | C090                | Issue     |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |
| Project No.   | 18-580              | C         |    |  |  |  |  |  |  |  |  |  |  |  |  |   |                     |          |   |                     |          |   |                     |          |       |             |      |  |   |  |   |        |              |       |    |  |  |          |    |      |     |         |    |              |     |          |  |   |   |        |                     |           |                                 |  |  |             |      |       |             |        |   |





| Lot Number | Lot Area (m²) | Site Coverage (m²) | %    | Landscaped Area (%) | POS Area (m²) |
|------------|---------------|--------------------|------|---------------------|---------------|
| 1          | 294           | 94                 | 32.0 | 68.0                | 10.0          |
| 2          | 240           | 92                 | 38.3 | 61.7                | 10.0          |
| 3          | 257           | 124                | 48.2 | 51.8                | 10.0          |
| 4          | 279           | 139                | 49.8 | 50.2                | 10.0          |
| 5          | 281           | 138                | 49.1 | 50.9                | 10.0          |
| 6          | 274           | 133                | 48.5 | 51.5                | 10.0          |
| 7          | 267           | 127                | 47.6 | 52.4                | 10.0          |
| 8          | 260           | 121                | 46.5 | 53.5                | 10.0          |
| 9          | 253           | 116                | 45.8 | 54.2                | 10.0          |
| 10         | 246           | 110                | 44.7 | 55.3                | 10.0          |
| 11         | 388           | 128                | 33.0 | 67.0                | 10.0          |
| 12         | 295           | 113                | 38.3 | 61.7                | 10.0          |
| 13         | 232           | 93                 | 40.1 | 59.9                | 10.0          |
| 14         | 257           | 109                | 42.4 | 57.6                | 10.0          |
| 15         | 272           | 131                | 48.2 | 51.8                | 10.0          |
| 16         | 273           | 133                | 48.7 | 51.3                | 10.0          |
| 17         | 273           | 133                | 48.7 | 51.3                | 10.0          |
| 18         | 273           | 133                | 48.7 | 51.3                | 10.0          |
| 19         | 273           | 133                | 48.7 | 51.3                | 10.0          |
| 20         | 273           | 128                | 46.9 | 53.1                | 10.0          |
| 21         | 389           | 96                 | 24.7 | 75.3                | 10.0          |
| 22         | 240           | 92                 | 38.3 | 61.7                | 10.0          |

FOR INFORMATION

Key Plan / North

Issue Description

A Issued for information

Date

20.12.2018

Legend

Setbacks

First Floor Boundary

Ground Floor Boundary

Garage

Landscaping

Private Open Space

Driveway Locations

CLIENT

PROJECT

WARRIWOOD MASTERPLAN DESIGN INTENT

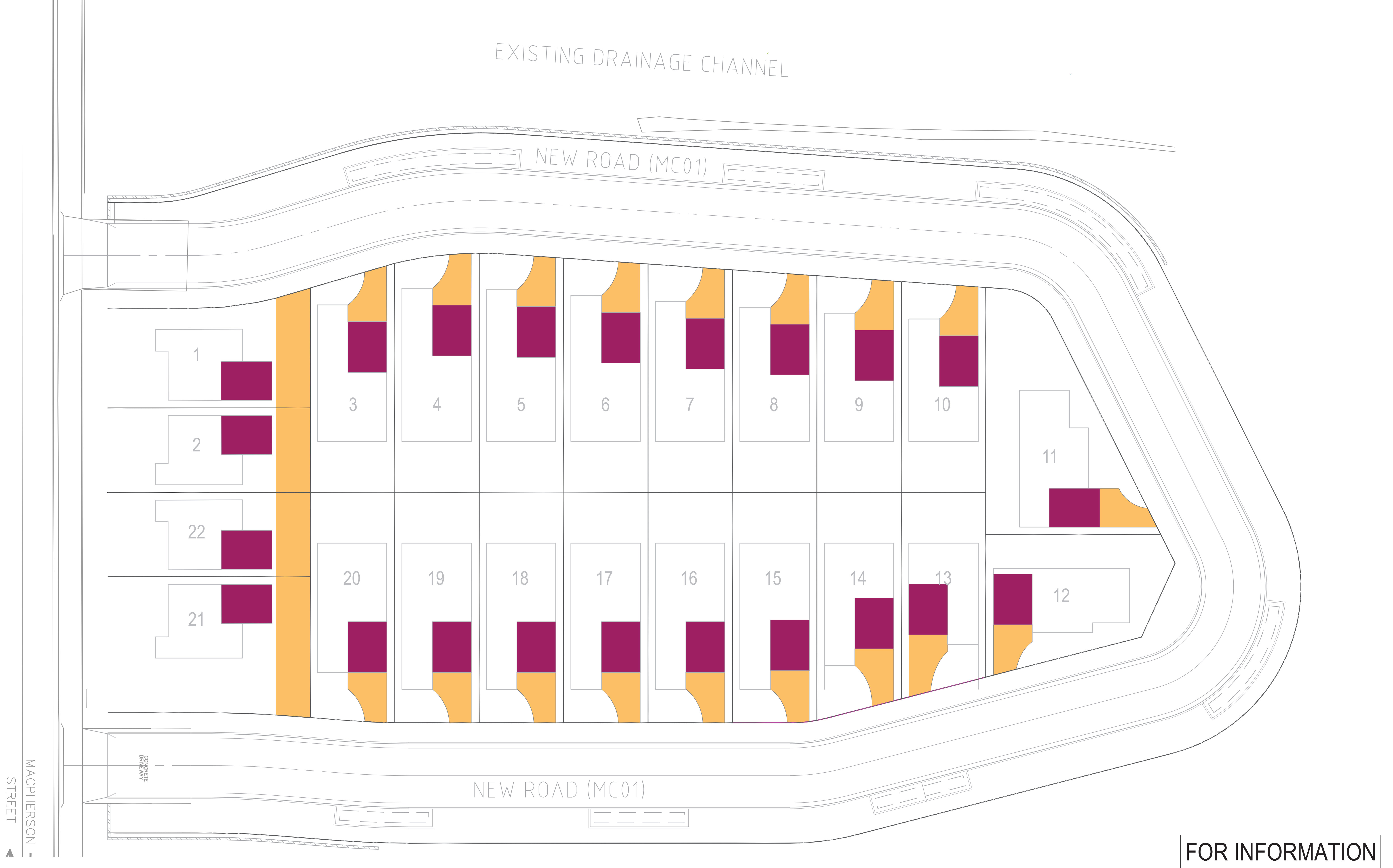
DRAWN MERITON

CHECKED

SCALE 1:200 @ A1

NUMBER XXXX \_ SK001

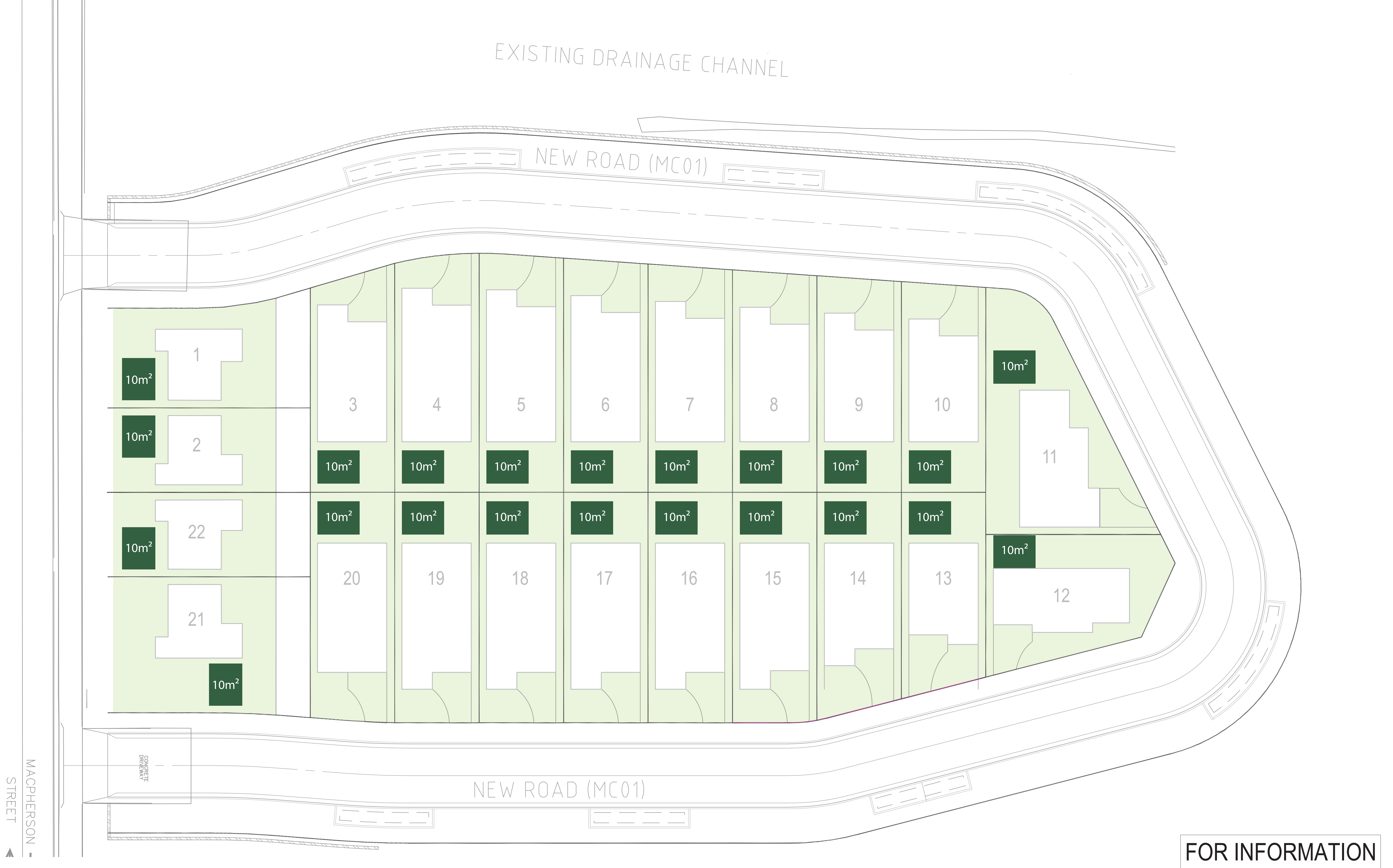
ISSUE B



FOR INFORMATION

|                             |                   |  |      |   |
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| <div>Key Plan / North</div> | Issue Description |  | Date | <div>Legend</div> <div><div></div>Garage</div> <div><div></div>Driveway</div> |
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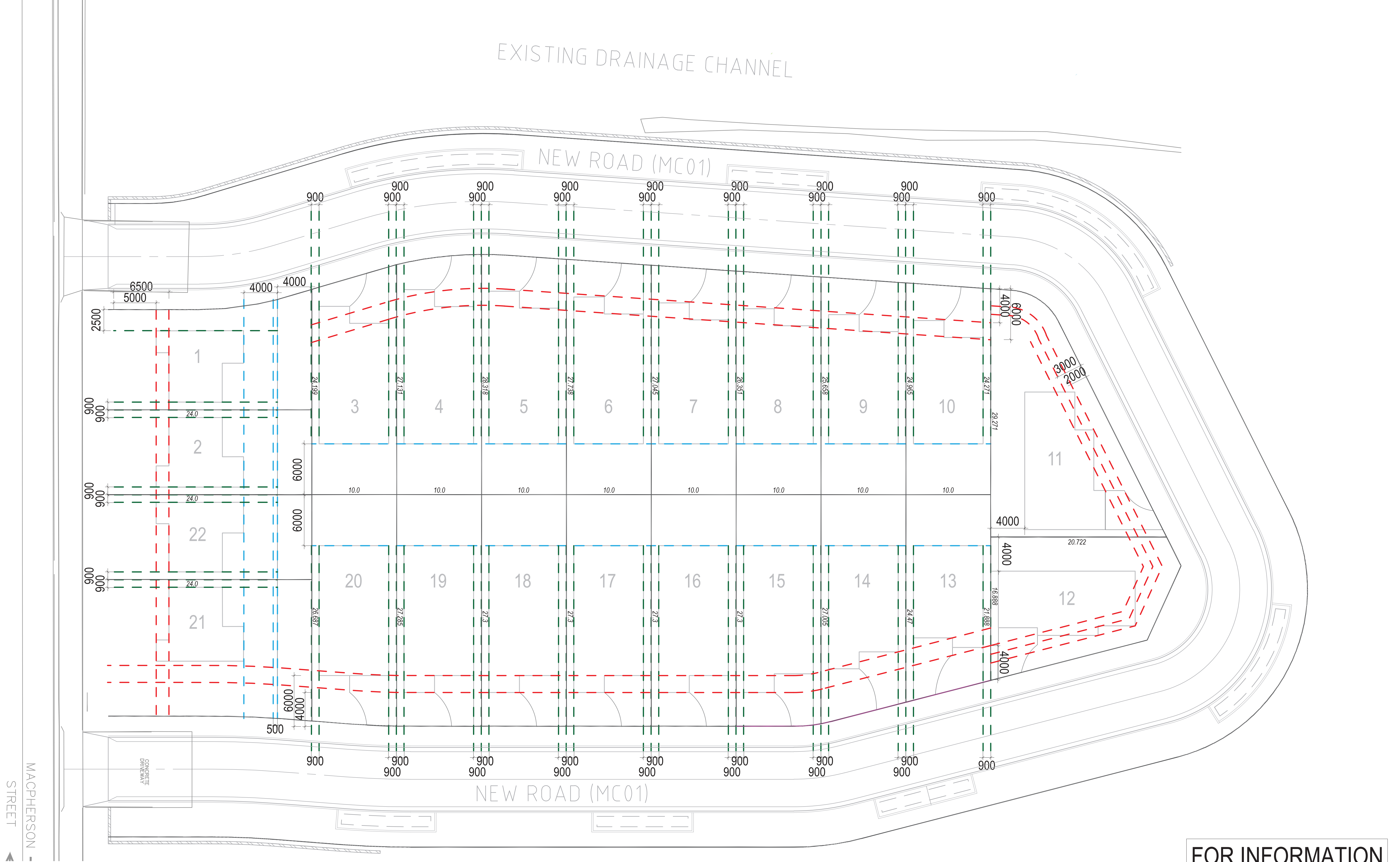




FOR INFORMATION

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| <div>Key Plan / North</div>  | Issue Description |                        | Date       | <div>Legend</div> <div><div></div>Private Open Space</div> <div><div></div>Landscaping</div> |  | CLIENT |  | TITLE<br>WARRIEWOOD MASTERPLAN<br>PRIVATE OPEN SPACE AREAS |  | <div></div> |
|   | A                 | Issued for Information | 20.12.2018 |  |  |        |  |  |  |  |
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|--|-------------------|------------------------|------------|---|--|--------|----------------------------------|--|--|--|--|
| <div>Key Plan / North</div> <div></div> | Issue Description |                        | Date       | <div>Legend</div> <div><div><div></div>Front Setbacks</div><div><div></div>Rear Setbacks</div><div><div></div>Side Setbacks</div></div> |  | CLIENT | TITLE                            |  | <div></div> |  |  |
|  | A                 | Issued for Information | 20.12.2018 |   |  |        | WARRIWOOD MASTERPLAN<br>SETBACKS |  |  |  |  |
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# 2 MACPHERSON STREET, WARRIEWOOD

## SUBDIVISION LANDSCAPE DEVELOPMENT APPLICATION

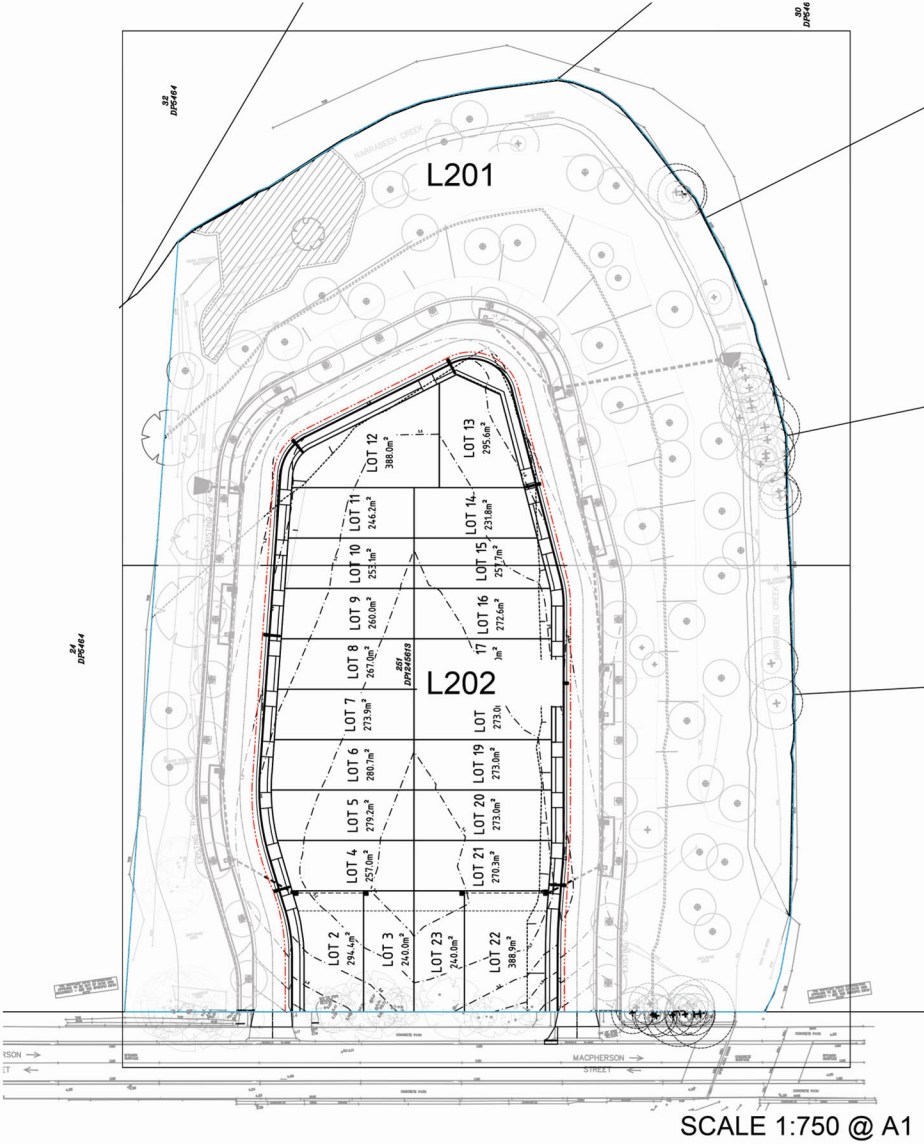
### DRAWING REGISTER

| DWG NO. | DRAWING NAME   | SCALE    | SIZE | ISSUE |
|---------|--|----------|------|-------|
| L000    | COVER SHEET, LEGEND, PLANT SCHEDULE & DRAWING REGISTER | NTS      | A1   | A     |
| L201    | LANDSCAPE PLAN   | 1:200    | A1   | A     |
| L202    | LANDSCAPE PLAN   | 1:200    | A1   | A     |
| L900    | LANDSCAPE SECTION & DETAILS                            | AS SHOWN | A1   | A     |

### PLANT SCHEDULE

| STREETSCAPE PLANTING |  |             |                                |                              |                |             |     |
|----------------------|--|-------------|--------------------------------|------------------------------|----------------|-------------|-----|
| PLANT CODE           | BOTANICAL NAME                           | COMMON NAME | MATURITY HEIGHT AND SPREAD (m) | SUPPLY HEIGHT AND SPREAD (m) | CONTAINER SIZE | DENSITY/ m² | QTY |
| TREES                |  |             |                                |                              |                |             |     |
| TRI lau              | <i>Tristaniaopsis laurina</i> 'luscious' | Water Gum   | 12m x 5m                       | 4.5m x 2.5m                  | 200L           | as shown    | 21  |
| SUBTOTAL             |  |             |                                |                              |                |             | 21  |
| Grasses              |  |             |                                |                              |                |             |     |
| LOM kat              | <i>Lomandra katrinus</i>                 | Lomandra    | 0.8m x 0.8m                    | na                           | 150mm          | as shown    | 189 |
| DIA cae              | <i>Dianella caerulea</i>                 | Flax Lily   | 0.5m x 0.5m                    | na                           | 150mm          | as shown    | 189 |
| SUBTOTAL             |  |             |                                |                              |                |             | 378 |

### KEY PLAN



### LEGEND

- EXISTING BOUNDARY
- EXTENT OF SUBDISION DA WORKS
- PROPOSED CREEK CENTRE LINE
- PROPOSED 25m RIPARIAN CORRIDOR
- PROPOSED 25m PRIVATE BUFFER
- PROPOSED ASSET PROTECTION ZONE
- EXISTING TREES TO BE RETAINED  
REFER ARBORIST REPORT
- EARLY WORKS TREE PLANTING  
REFER EARLY WORKS  
LANDSCAPE PACKAGE
- EXISTING TREES TO BE REMOVED  
REFER ARBORIST REPORT
- PROPOSED TREES & UNDERSTORY PLANTS  
REFER PLANT SCHEDULE  
REFER TYPICAL PLANTING DETAILS
- TURF
- PAVEMENT TYPE 1  
1.5m WIDE PEDESTRIAN PATH  
REFER CIVIL ENGINEERS DRAWINGS
- PAVEMENT TYPE 2  
DRIVEWAY  
REFER CIVIL ENGINEERS DRAWINGS
- PAVEMENT TYPE 2  
DRIVEWAY  
REFER CIVIL ENGINEERS DRAWINGS

DO NOT SCALE  
USE FIGURED DIMENSIONS AT ALL TIMES. IF IN DOUBT CHECK WITH MERITON APARTMENTS PTY. LTD. CONTRACTORS TO CHECK AND VERIFY ALL LEVELS, DATUMS AND DIMENSIONS ON SITE AND SHALL REPORT ANY DISCREPANCIES OR OMISSIONS TO MERITON APARTMENTS PTY. LTD. PRIOR TO COMMENCEMENT OF WORK AND DURING THE CONSTRUCTION PHASE.

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### GENERAL LANDSCAPE NOTES

|     |                      |     |     |          |
|-----|----------------------|-----|-----|----------|
| A   | SUBDIVISION DA ISSUE | CG  | CG  | 12.08.19 |
| REV | DESCRIPTION          | DWN | CHK | DATE     |

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PROJECT:  
**2 MACPHERSON ST,  
WARRIEWOOD  
SUBDIVISION DA**

DRAWING TITLE:  
**LANDSCAPE  
COVER PAGE**

|                              |                       |  |                  |
|------------------------------|-----------------------|--|------------------|
| DATE:<br>21.09.18            | SCALE:<br>AS SHOWN    | DRAWING No:<br><b>L000</b>                                     | REV:<br><b>A</b> |
| PROJECT NO:<br>N/A           | DRAWN BY:<br>AS SHOWN | APPROVED AND SIGNED ON BEHALF OF<br>MERITON APARTMENTS PTY LTD |                  |
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2 MACPHERSON ST,  
WARRIEWOOD  
SUBDIVISION DA

LANDSCAPE  
PLAN

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