

CIVIL DESIGN PLAN

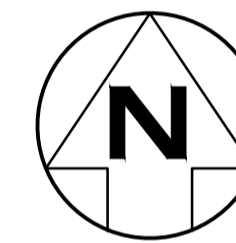
FOR PROPOSED RESIDENTIAL DEVELOPMENT

AT 54 BARDO ROAD, NEWPORT, NSW

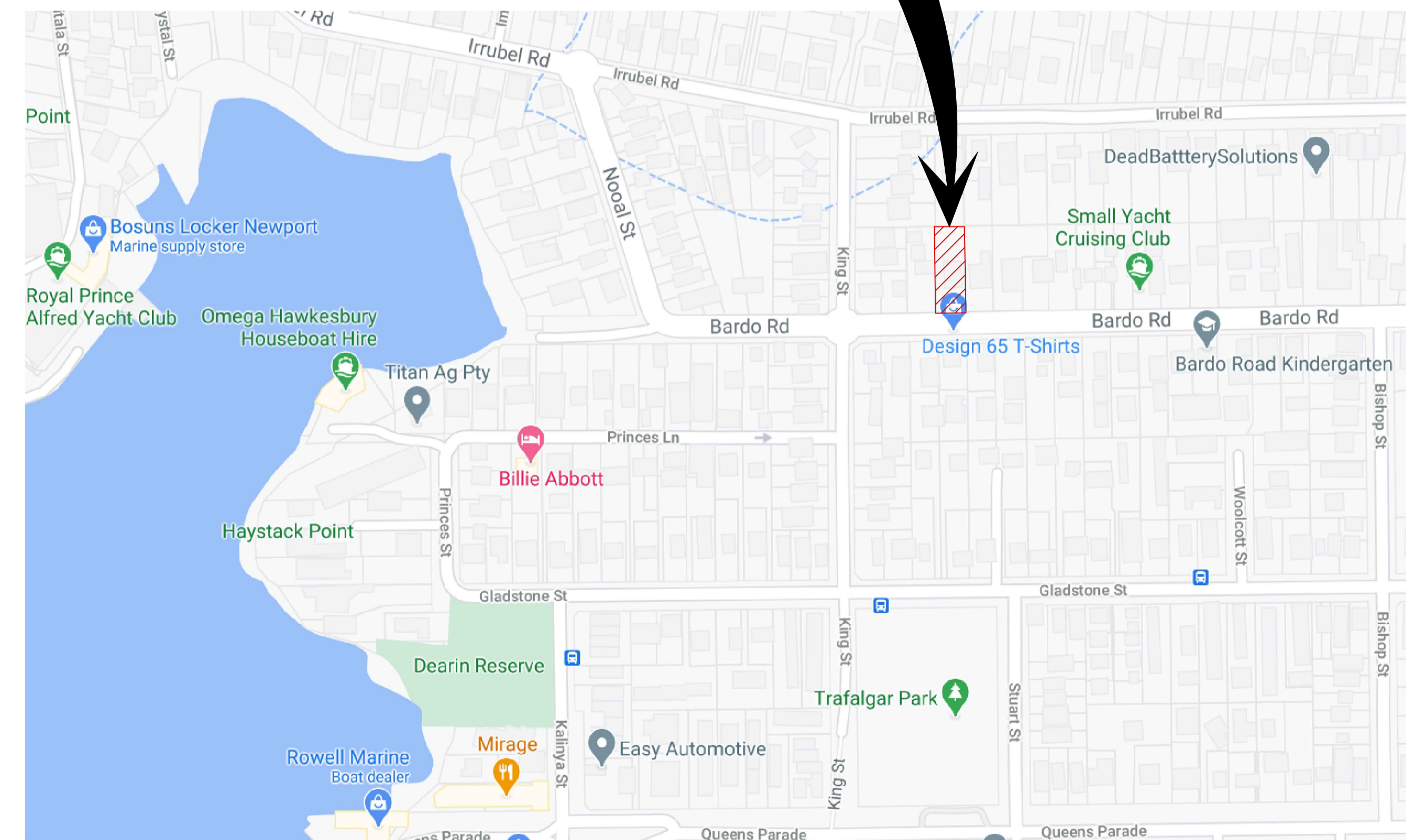
| DRAWING SCHEDULE | | |
|------------------|--|------|
| SHEET No. | DESCRIPTION | REV. |
| C00 | COVER SHEET, GENERAL NOTES, LOCALITY SKETCH & DRAWING SCHEDULE | A |
| C01 | BASEMENT & GROUND FLOOR PLAN | A |
| C02 | SECTION 1-1 DRIVEWAY LONGITUDINAL SECTIONS | A |
| C03 | STANDARD DRAWINGS | A |

GENERAL NOTES.

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S STANDARDS AND SPECIFICATIONS AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR IS NOT TO ENTER UPON NOR DO ANY WORKS WITHIN ADJACENT LANDS WITHOUT THE WRITTEN PERMISSION OF THE LAND OWNER.
3. ALL FILLING TO BE COMPACTED TO A MINIMUM 95% OF THE STANDARD MAXIMUM DRY DENSITY AS TESTED IN ACCORDANCE WITH E1.1 OF AS1289-1977.
4. FILL MATERIAL TO BE APPROVED BY THE CONSTRUCTION ENGINEER.
5. SURPLUS EXCAVATED MATERIAL TO BE PLACED WHERE DIRECTED BY THE ENGINEER.
6. ALL NEW WORKS TO MAKE SMOOTH JUNCTION WITH EXISTING CONDITIONS.
7. A MINIMUM 50mm APPROVED GRANULAR BEDDING TO BE PROVIDED BENEATH ALL CONCRETE.
8. ALL CONCRETE WORKS TO BE CONSTRUCTED TO GRADE 32MPa CONCRETE U.N.O.
9. ALL DISTURBED TURFED AREAS AND BATTERS TO BE TOPSOILED, TURFED OR SPRAY GRASSED.
10. ALL MEASUREMENTS IN METRES UNLESS OTHERWISE NOTED.
11. MEASUREMENTS SHALL BE TAKEN FROM THE FIGURED DIMENSIONS AND ARE NOT TO BE SCALED FROM THE DRAWINGS.
12. PROVISION FOR TRAFFIC CONTROL DURING CONSTRUCTION TO BE IN ACCORDANCE WITH AS 1742.3 - 2009.
13. DRAINAGE LINES ON PLANS ARE DIAGRAMMATIC ONLY AND PIPE CENTRELINES SHALL ENTER AND EXIT PITS AT THE CENTRE OF THE RESPECTIVE PIT WALLS.
14. EROSION AND SEDIMENT CONTROLS ARE TO BE IMPLEMENTED IN ACCORDANCE WITH E.P.A. REQUIREMENTS.
15. CONTRACTOR IS TO CLEAR SITE BY REMOVING ALL SURPLUS SPOIL, RUBBISH, ETC.
16. UTILITY INFORMATION SHOWN ON THE DRAWINGS IS INTENDED TO DEPICT THE PRESENCE OF SERVICES ONLY. ACTUAL LOCATION SHOULD BE VERIFIED ON SITE PRIOR TO CONSTRUCTION.



SITE OF WORK

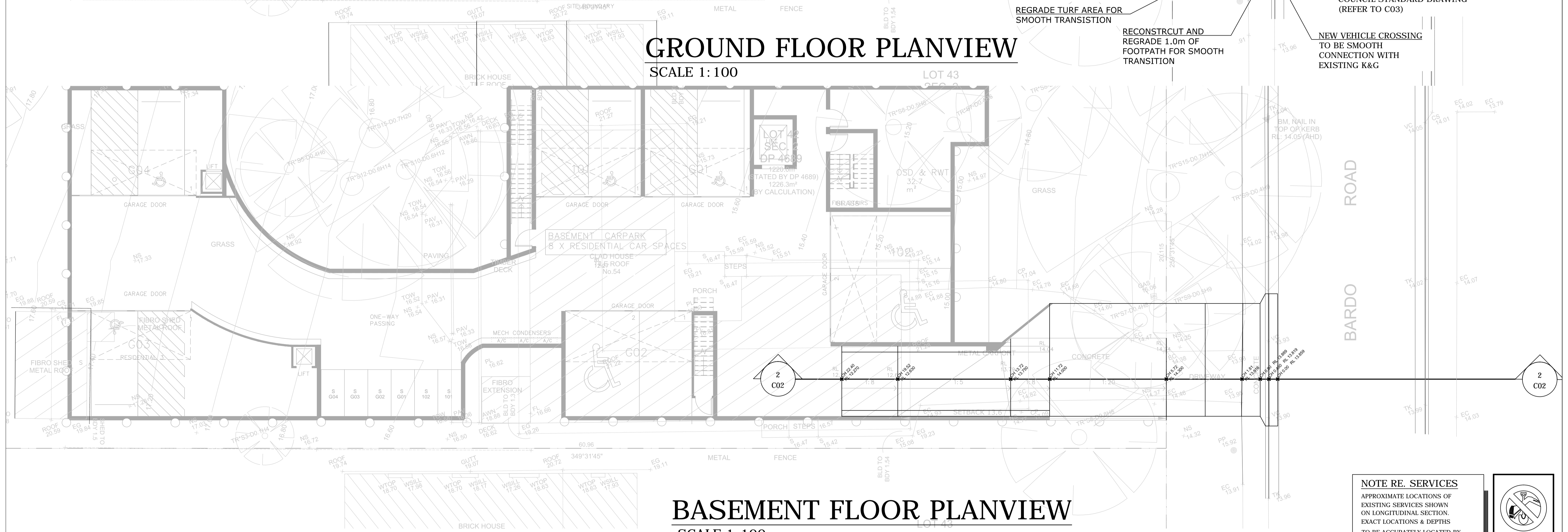
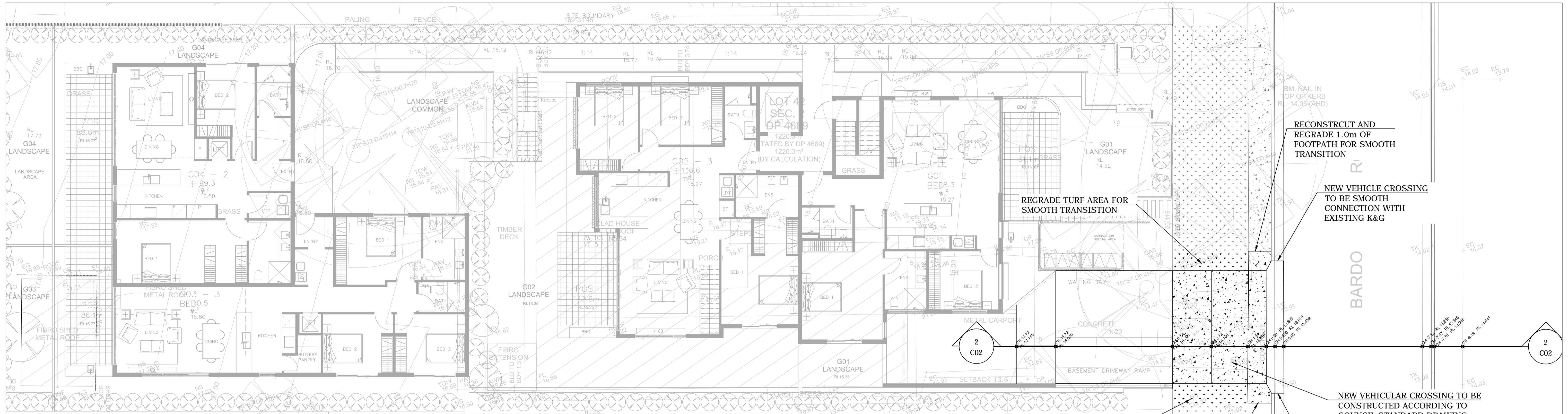


LOCALITY SKETCH
NOT TO SCALE

1:150@A1
1:200@A1
1:100@A1

NOT FOR CONSTRUCTION

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| <p>THIS DRAWING IS THE PROPERTY OF LOKA CONSULTING ENGINEERS AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THE WRITTEN CONSENT OF THE COMPANY</p> | | | | <p>ARCHITECT GILES TRIBE Level 1, 1 Chandos Street ST LEONARDS NSW 2066 P 61 2 9244 5005 E gtr@gilestribe.com.au Giles Tribe Pty Ltd ABN 50 001259 507</p> | | <p>LOKA CONSULTING ENGINEERS 114/8 AVENUE OF THE AMERICAS, NEWINGTON NSW 2127 T +61 2 9748 8742/8065 9689 M 0404 142 063 E info@lcoeng.com.au www.lcoeng.com.au</p> | | <p>PROJECT PROPOSED SENIOR LIVING 54 BARDO ROAD, NEWPORT, NSW</p> | | <p>SHEET SUBJECT COVER SHEET, GENERAL NOTES, LOCALITY SKETCH AND DRAWING SCHEDULE</p> | | <p>PROJECT 54 BARDO ROAD, NEWPORT</p> | |
| <p>DATE AUG 20</p> | | <p>DRAWN A.E.</p> | | <p>DESIGNED N.L.</p> | | <p>CHECKED N.L.</p> | | <p>SCALE @ A1 N.T.S.</p> | | <p>JOB No 20NL103</p> | | | |
| <p>AUTHORISED NERMEIN LOKA</p> | | <p>DWG No COO</p> | | <p>REV A</p> | | <p>CONSENT AUTHORITY: NORTHERN BEACHES-FORMER PITTWATER</p> | | <p>CONSENT AUTHORITY: NORTHERN BEACHES-FORMER PITTWATER</p> | | <p>CONSENT AUTHORITY: NORTHERN BEACHES-FORMER PITTWATER</p> | | | |



1:150@A1
1:200@A1
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NOT FOR CONSTRUCTION

NOTE RE. SERVICES
APPROXIMATE LOCATIONS OF EXISTING SERVICES SHOWN ON LONGITUDINAL SECTION. EXACT LOCATIONS & DEPTHS TO BE ACCURATELY LOCATED BY BUILDER CONTRACTOR BY CONTACTING THE RELEVANT AUTHORITIES BEFORE COMMENCEMENT OF ANY WORKS

DIAL1100 BEFORE YOU DIG

| No | AMENDMENT | ENG | DRAFT | DATE | No | AMENDMENT | ENG | DRAFT | DATE |
|----|-------------------|------|-------|----------|----|-----------|-----|-------|------|
| A | FOR D.A. APPROVAL | N.L. | A.E. | 04-09-20 | | | | | |

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ARCHITECT

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PROJECT PROPOSED SENIOR LIVING
54 BARDO ROAD,
NEWPORT, NSW

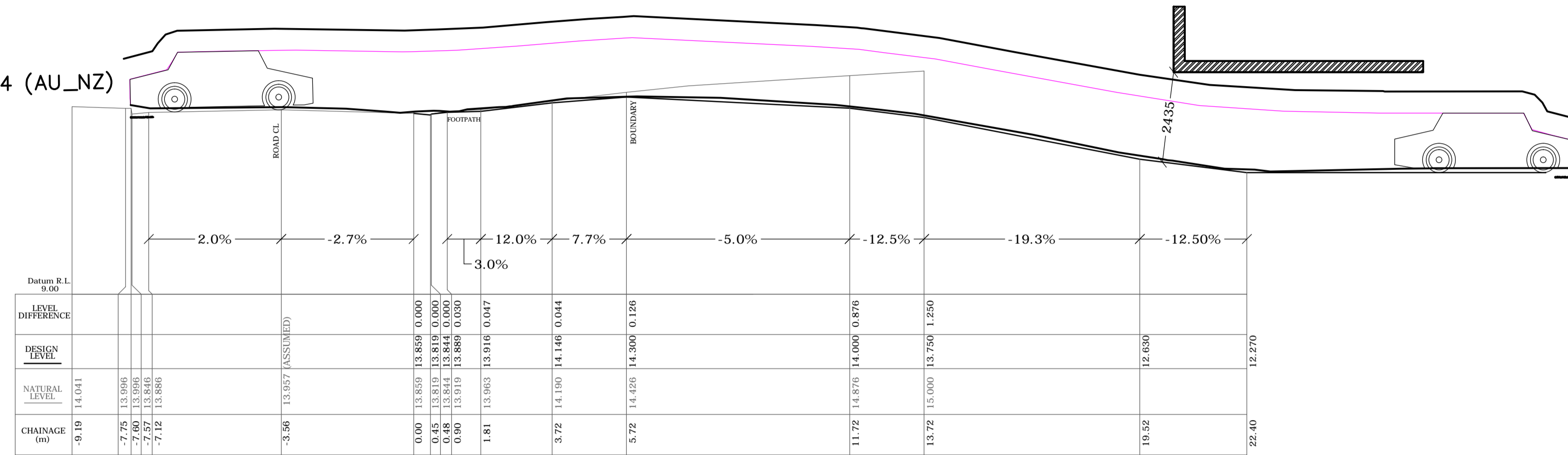
CONSENT AUTHORITY:
NORTHERN BEACHES-FORMER PITTPATER

SHEET SUBJECT
BASEMENT & GROUND FLOOR PLANS

| PROJECT | 54 BARDO ROAD, NEWPORT | | |
|------------|------------------------|----------|---------|
| DATE | AUG 20 | DESIGNED | A.E. |
| CHECKED | N.L. | JOB No | 20NL103 |
| SCALE @ A1 | 1:100 U.N.O | DWG No | C01 |
| AUTHORISED | NERMEIN LOKA | REV | A |

B85
STANDARDS 2004 (AU_NZ)

B85
STANDARDS 2004 (AU_NZ)



Ground Clearance (units: mm)
Part # Front Wheelbase Rear
#1 120 120 120

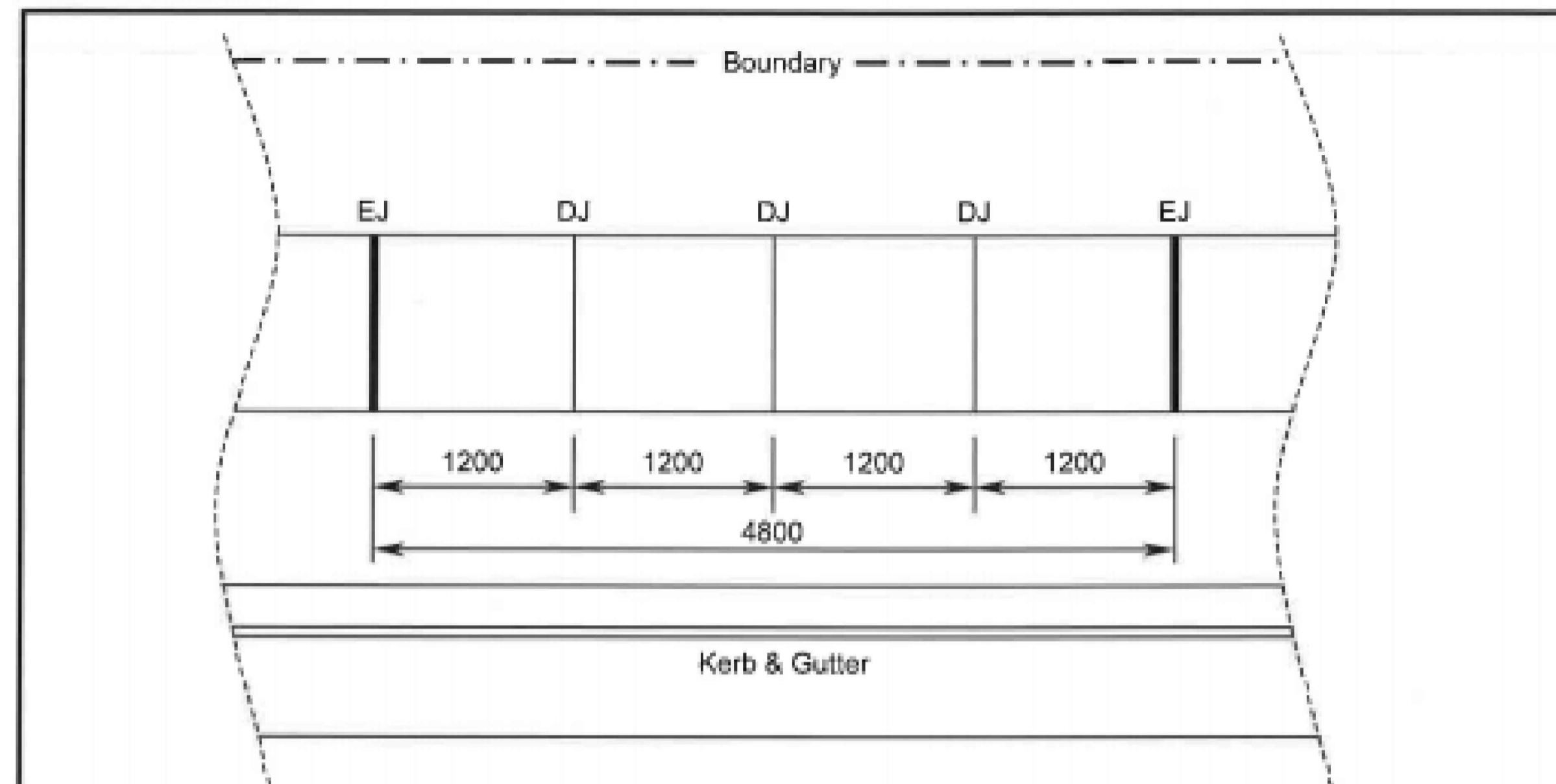
SECTION 1-1
SCALE 1:100

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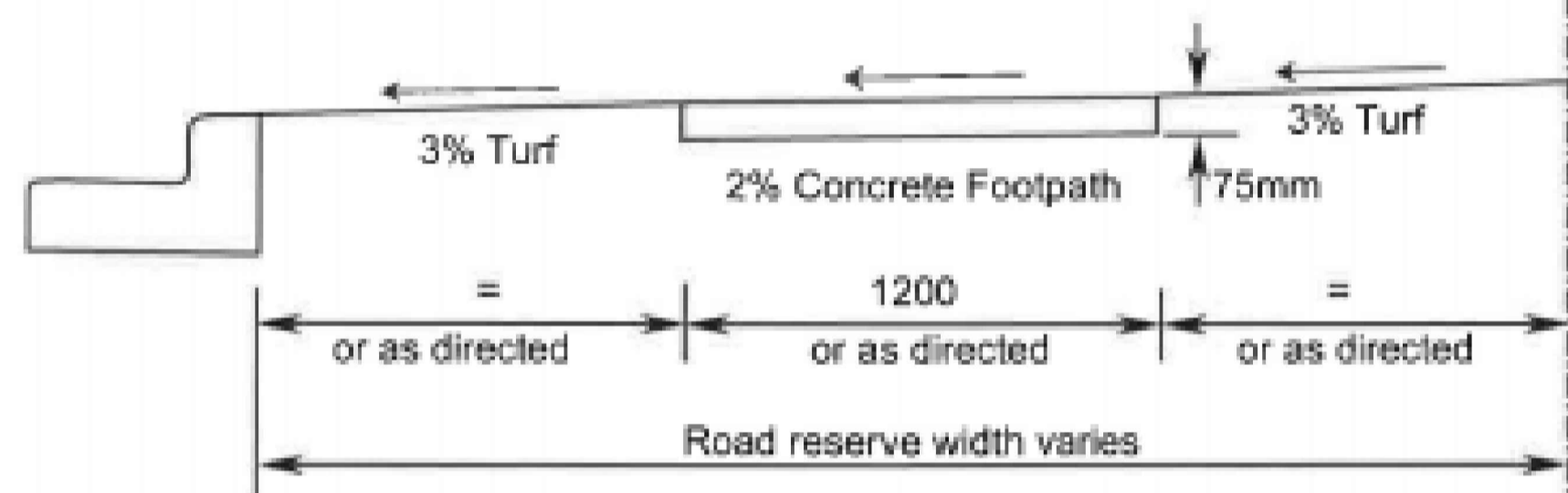
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DATE | DRAWN | DESIGNED | CHECKED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUG 20 | A.E. | | N.L. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUTHORISED | DWG No | REV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NERMEIN LOKA | C02 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>FOR D.A. APPROVAL</p> | | <p>N.L.</p> | | <p>A.E.</p> | | <p>04-09-20</p> | | <p>AMENDMENT</p> | | <p>ENG DRAFT DATE</p> | | <p>AMENDMENT</p> | | <p>ENG DRAFT DATE</p> | | | | | | | | | | | | | | | | | | | | | | | |



PLAN



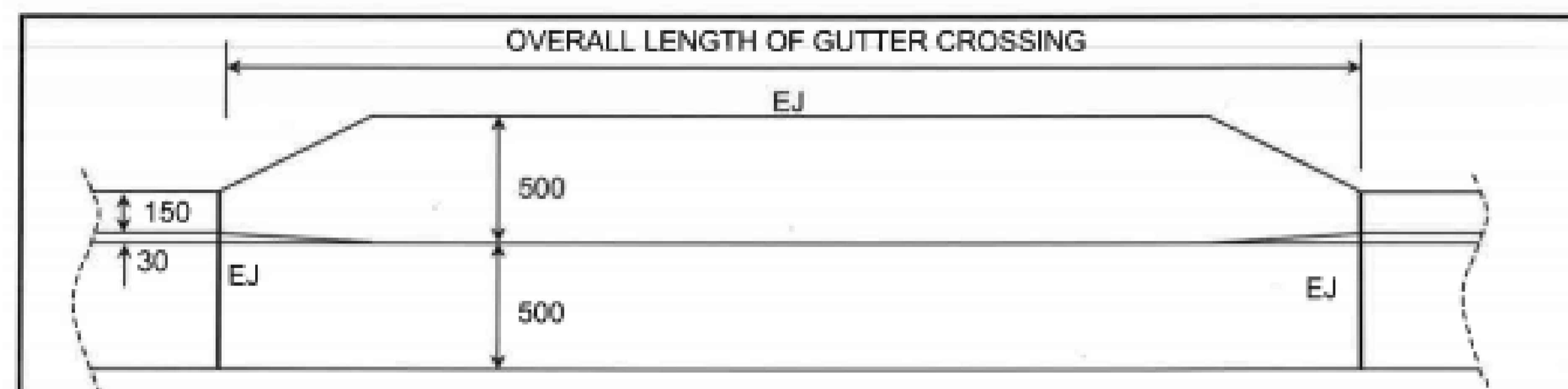
TYPICAL CROSS SECTION

NOTES:

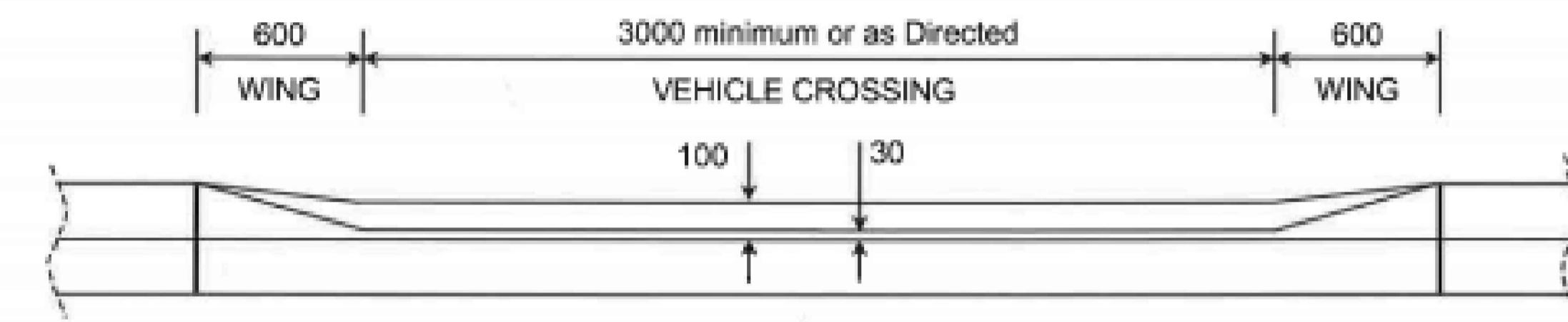
- The width of the concrete footpath shall be 1200mm except where placed against the kerb, where with footpath width shall be increased to 1500mm. The location of the concrete footpath shall be generally located centrally within the road reserve and parallel to the street alignment, or as directed either by Council or and Accredited Certifier (Civil Works). Consideration should be given to avoiding existing obstacles such as traffic signals, street trees, etc.
- The concrete shall be tamped and screeded, and lightly broom finished. All exposed edges shall be neatly rounded with a proper edging tool forming a 50mm margin. Concrete shall have a depth of 75mm, minimum compressive strength of 25MPa at 28 days.
- The subgrade shall be thoroughly compacted by the use of vibratory compaction equipment until it shows no signs of movement, or as directed either by Council or an Accredited Certifier (Civil Works).
- Batters in cut and fill situations shall have slopes desirably not exceeding 1V: 5H and up to 1V: 3H where so determined either by Council or an Accredited Certifier (Civil Works). The top and lower edge of the cutting shall be neatly rounded. In any circumstance where the batter slope will exceed that which can be maintained with a domestic lawn mower, the batter shall be treated in a manner other than turf to the satisfaction of Council.
- On completion of works, grassed footways are to be restored to a condition at least equivalent to that which existed prior to commencement. Any bare ground arising from the construction works is to be returfed. Minor differences in levels, up to 20mm, may be accommodated by top dressing where the existing turf is in good condition.
- Kerb and gutter to be constructed in accordance with Council Plan A4 2276/A and specifications.
- The construction of concrete footpath on the road reserve must be completed by a Council approved concrete contractor.
- EJ – Expansion Joint (10mm Mastic).
DJ – Dummy Joint

Not to Scale. All Dimensions in Millimetres.

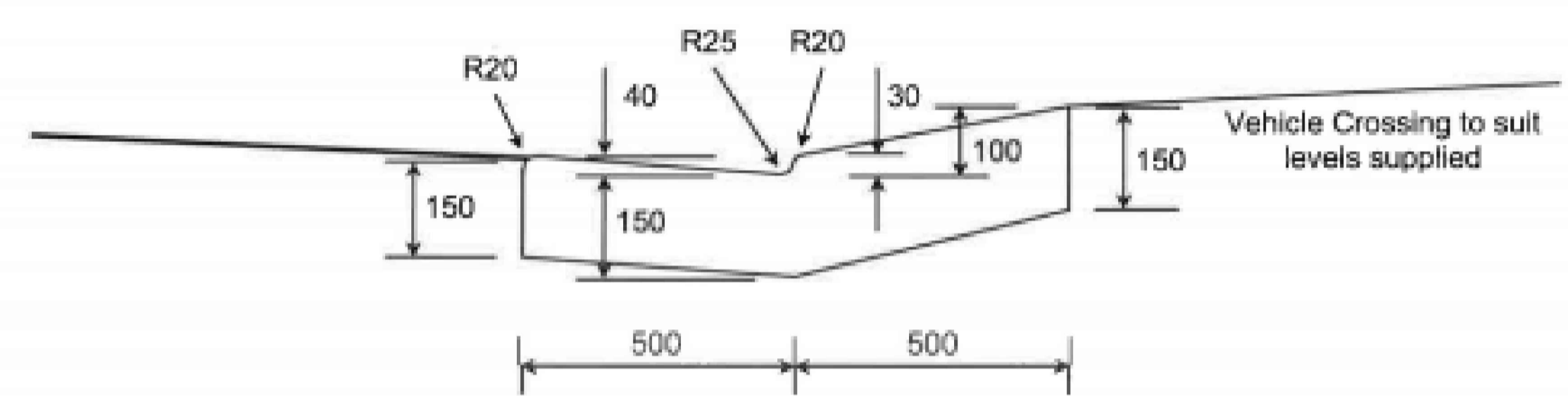
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| NORTHERN BEACHES COUNCIL | Plan No. |
| Standard Concrete Footpath Detail | A4 10536. |



PLAN



FRONT ELEVATION



TYPICAL CROSS SECTION

NOTES:

- Layback and gutter shall be poured in **PLAIN CONCRETE** and finished with a steel trowel. Minimum compressive strength of concrete shall be 25MPa at 28 days. Industrial/commercial properties shall increase the depth of concrete to 180mm and provide SL82 mesh with 30mm top cover.
- The subgrade shall be thoroughly compacted by the use of vibratory compaction equipment until it shows no signs of movement, or as directed by Council.
- Vehicle crossing to be constructed in accordance with levels and specifications issued by Council.
- Kerbing to be constructed in accordance with Council Plan A4 2276/A and specifications.
- Where Council or an Accredited Certifier (Civil Works) directs that the gutter be retained, the contractor shall place a 75mm deep saw cut in the gutter invert and remove kerb and/or layback.
- Where Council or an Accredited Certifier (Civil Works) directs that the gutter be removed, a Road Opening Permit must be obtained from Council's Customer Service Centre prior to commencing work. Once the permit is established the contractor may commence vehicle crossing works. Upon completion of the works, temporary restoration shall be provided as set out in the 'Specification For Trench Construction Within Council Roads'.
- The construction of all vehicle crossings and associated works on the road reserve must be completed by a Council approved concrete contractor.
- EJ – Expansion Joint – 10mm Mastic.
R – Radius

Not to Scale. All Dimensions in Millimetres.

| | |
|--|------------------|
| NORTHERN BEACHES COUNCIL | Plan No. |
| Standard Gutter Crossing Detail | A4 2276/B |

AMENDED: October 1990, December 2006

1:150@A1
1:200@A1
1:100@A1

NOT FOR CONSTRUCTION

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