

PROPOSED CIVIL PLANS

at: 27-29 NORTH AVALON ROAD, AVALON

for: ARMADA AVALON PTY LTD

Architect: ENVIRONA STUDIO

Prepared By:

NB Consulting Engineers
STRUCTURAL - CIVIL - STORMWATER - REMEDIAL
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DRAWING SCHEDULE:

C01 - CIVIL ACCESS PLAN - SHEET 1
C02 - CIVIL ACCESS PLAN - SHEET 2
C03 - LONGITUDINAL SECTIONS - SHEET 1
C04 - LONGITUDINAL SECTIONS - SHEET 2
C05 - LONGITUDINAL SECTIONS - SHEET 3
C06 - SECTIONS & DETAILS

ISSUED FOR D.A.
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NOT FOR
CONSTRUCTION

NB Consulting Engineers

190247

REV B - 20/09/2019

CIVIL NOTES:

- FOR EXISTING CONTOURS AND LEVELS. REFER SURVEY PLAN. ALL LEVELS AND DIMENSIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- PRIOR APPROVAL MAY BE REQUIRED WITH RELEVANT AUTHORITIES PRIOR TO RETAINING WALLS, SHORING, BATTERS & DRAINAGE IMPACTING NEIGHBORING PROPERTIES AND INFRASTRUCTURE BEYOND BOUNDARIES.
- STORMWATER AND DRAINAGE BY OTHERS TO AS3500.
- ALL BATTERS, RETAINING WALLS AND BULK EARTHWORKS TO FUTURE DETAILS BY OTHERS. ALL RETAINING WALLS GREATER THAN 900mm HIGH TO BE DESIGNED BY A QUALIFIED ENGINEER.
- EXISTING DRAINAGE ACROSS NATURE STRIP & KERBS IMPACTING PROPOSED WORKS TO BE RELOCATED OR UPGRADED AS REQUIRED BY OTHERS TO COUNCIL SPECIFICATIONS.
- NATURE STRIP PAVEMENT, GUTTER & FOOTWAY CROSSINGS TO COUNCIL SPECIFICATIONS.
- CONCRETE DRIVEWAY & JOINTING PLAN BY OTHERS.
- IMPACT OF PROPOSED WORKS ON EXISTING TREE/S. WHERE NECESSARY REFER TO ARBORIST FOR REQUIREMENTS.
- MINIMUM DRIVEWAY WIDTHS, CLEARANCES, INCLUDING HEAD CLEARANCES TO COMPLY WITH AS2890.1
- TRAFFIC CONTROL SIGNAGE AND TRAFFIC CONTROL MEASURES BY OTHERS.
- LINE AND MARKINGS BY OTHERS TO CONFORM TO MAIN ROADS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- ANY CHANGES TO THE PROPOSED WORKS TO BE CONFIRMED WITH NB CONSULTING.
- COUNCIL APPROVAL MAY BE REQUIRED PRIOR TO COMMENCING CONSTRUCTION.
- ANY VEHICLE PROFILE ANALYSIS SUCH AS THE B85 PROFILE IS NORMALLY UNDERTAKEN ALONG THE DETAILED LONGITUDINAL SECTIONS, WHICH HAVE GENERALLY BEEN LOCATED IN ACCORDANCE WITH COUNCIL POLICY. UNLESS NOTED OTHERWISE, THIS MAY NOT NECESSARILY REPRESENT THE WORSE CASE ANALYSIS.

- NO SWEEP PATH ANALYSIS HAS BEEN UNDERTAKEN AND/OR HAS BEEN PROVIDED FOR THIS DEVELOPMENT.
- BARRIERS REQUIRED WHERE DRIVEWAY DROP EXCEEDS 600mm. WHEEL STOP REQUIRED WHERE DRIVEWAY DROP IS BETWEEN 150-600mm. REFER AS2890.1.

PROPOSED CONTOUR LEVELS ARE INDICATIVE ONLY. ALL LEVELS TO BE CONFIRMED PRIOR TO CONSTRUCTION. DO NOT SCALE.

LEGEND:

- CHAINAGES
- PROPOSED DRIVEWAY/FOOTPATH OUTLINE

CADASTRAL REFERENCE MARKS, SURVEY PMs OR SSMs

1) PURSUANT TO THE SURVEYING AND SPATIAL INFORMATION ACT, ANY CADASTRAL REFERENCE MARKS, SURVEY PMs OR SSMs THAT ARE ON KERBS, FOOTPATHS OR SIMILAR THAT MAY BE AFFECTED BY CONSTRUCTION OR MAINTENANCE, NEED TO BE IDENTIFIED AND SURVEYED BY A REGISTERED LAND SURVEYOR BEFORE THEY ARE DESTROYED OR DISTURBED. PERSONAL FINES APPLY FOR BREACHES OF THE ACT.

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DIAL 1100 BEFORE YOU DIG

NO INVESTIGATION OF UNDERGROUND SERVICES HAS BEEN MADE. ALL RELEVANT AUTHORITIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION ON OR NEAR THE SITE.

DEVELOPERS & EXCAVATORS MAY BE HELD FINANCIALLY RESPONSIBLE BY THE ASSET OWNER SHOULD THEY DAMAGE UNDERGROUND NETWORKS.

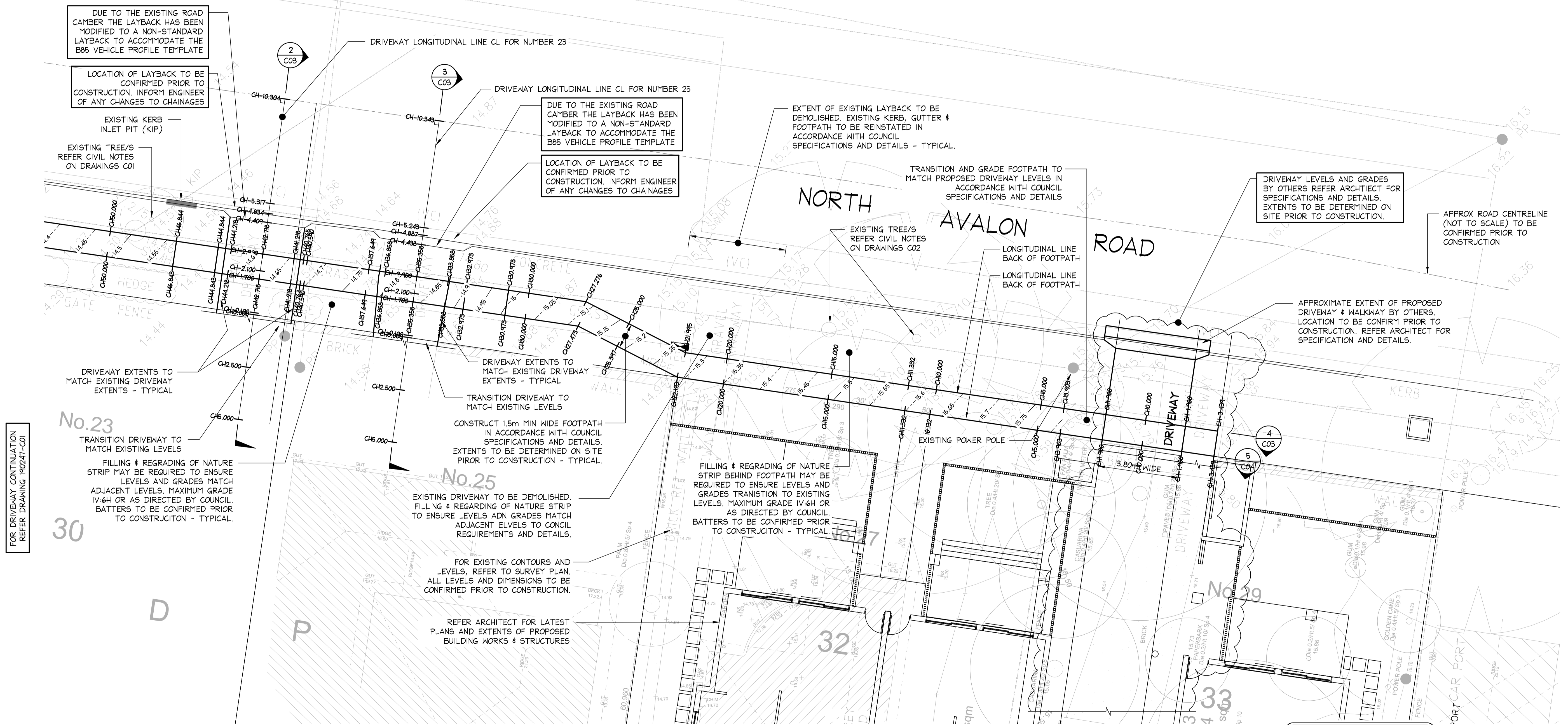
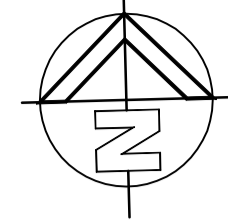
CARELESS DIGGING CAN:

- CAUSE DEATH OR SERIOUS INJURY TO WORKERS AND THE GENERAL PUBLIC
- INCONVENIENCE USERS OF ELECTRICITY, GAS, WATER AND COMMUNICATIONS
- LEAD TO CRIMINAL PROSECUTION AND DAMAGES CLAIMS
- CAUSE EXPENSIVE FINANCIAL LOSSES TO BUSINESS
- CUT OFF EMERGENCY SERVICES
- DELAY PROJECT COMPLETION TIMES WHILE THE DAMAGE IS REPAIRED

MINIMISE YOUR RISK AND DIAL BEFORE YOU DIG. - TEL. 1100

NOTES:

- ALL DIMENSIONS TO BE VERIFIED ON SITE BY BUILDER BEFORE COMMENCING WITH WORK.



CIVIL ACCESS PLAN
SCALE = 1 : 100

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NOT FOR CONSTRUCTION

IF IN DOUBT ASK

| | | | | | | | | | | | | |
|------------|--------|--|------|---|---|----------------------------------|--|--|--------------------|-------------------|-----------------|----------------|
| AI | | DOCUMENT CERTIFICATION | | NB Consulting Engineers STRUCTURAL - CIVIL - STORMWATER - REMEDIAL A.C.N. 076 121 616 A.B.N. 24 076 121 616 Sydney: Ph: (02) 9984 7000 Fax: (02) 9984 7444 Suite 207, 30 Fisher Road Dee Why N.S.W. 2099 Gold Coast: Ph: (07) 5631 4744 Unit 8, 1726 Gold Coast Highway Burleigh Heads QLD 4220 E: nb@nbconsulting.com.au W: www.nbconsulting.com.au | | Architect: ENVIRONA STUDIO | | Project: PROPOSED CIVIL PLANS AT 27-29 NORTH AVALON RD, AVALON | | Date: AUG 2019 | Design: D.K. | Drawn: D.K. |
| Date: | Issue: | Description: | By: | Review: | | Client: ARMADA AVALON PTY LTD | Drawing Title: CIVIL ACCESS PLANS - SHEET 2 | Job No: 190247 | Drawing No: C02 | Issue: B | | |
| 20/09/2019 | B | REVISED PLANS | D.K. | M.W. | Rick G Wray | | | | | | | |
| 19/09/2019 | A | ISSUED FOR DA SUBMISSION ONLY - NOT FOR CONSTRUCTION | D.K. | M.W. | BE(Civil), CP(Eng, MIE Aust., NER, RPEQ) 08293. (Director NB Consulting Engineers) | | | | | | | |

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BACK OF KERB SURVEY LEVEL NOTE

BACK OF KERB LEVELS HAVE BEEN INTERPOLATED FROM EXISTING TOP OF KERB (TOK) LEVELS. ALL LEVELS TO BE CONFIRMED PRIOR TO CONSTRUCTION.

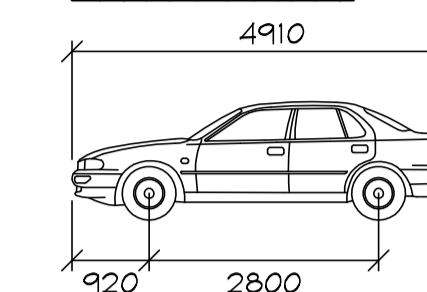
NOTES:

1. ALL DIMENSIONS TO BE VERIFIED ON SITE BY BUILDER BEFORE COMMENCING WITH WORK.
2. FOR GENERAL NOTES REFER TO DRAWING NUMBER: C01.

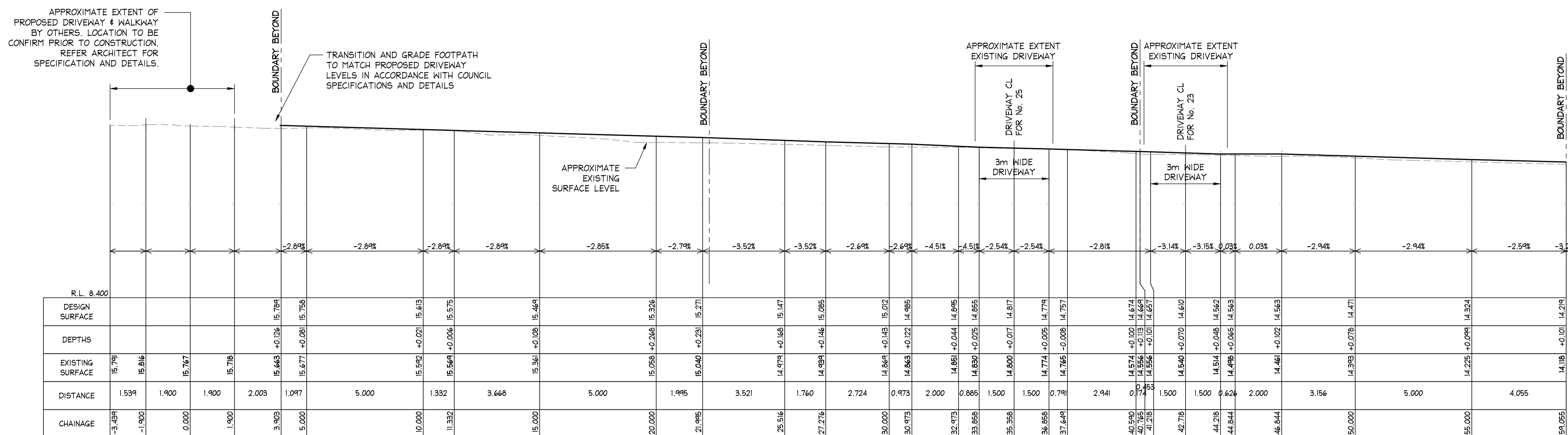
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B85 PROFILE:



Width : 1870
Track : 1770
Lock to Lock Time : 6.0
Steering Angle : 34.1

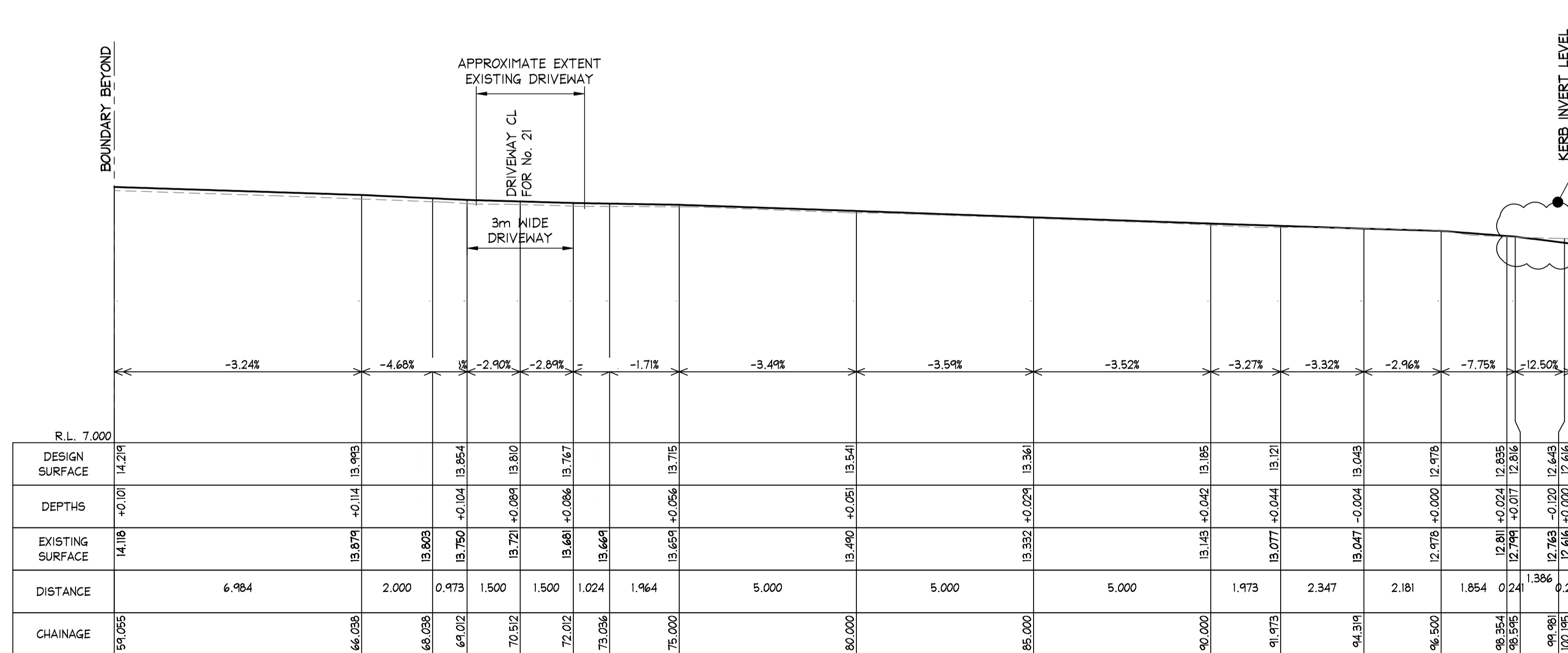


LONGITUDINAL SECTION ALONG BACK OF FOOTPATH

FROM CH: -3.439 TO CH: 59.055

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

SECTION 4 C02



LONGITUDINAL SECTION ALONG BACK OF FOOTPATH

FROM CH: 59.055 TO CH: 100.195

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

SECTION 4 C02

STANDARD KERB ACCESS RAMP (FOOTPATH RAMP) REFER COUNCIL DETAILS. PRIOR APPROVAL AND RAMP LOCATION TO BE CONFIRMED BY COUNCIL PRIOR TO CONSTRUCTION.

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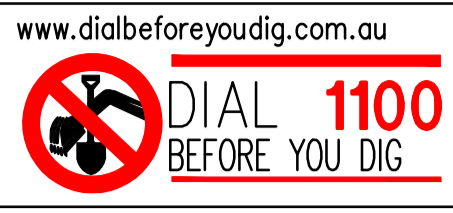
A1

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|------------|--|---|--|------|------|--|---|------------|-----------------------|----------------|---|---------|----------|-------------|------|--------|------|
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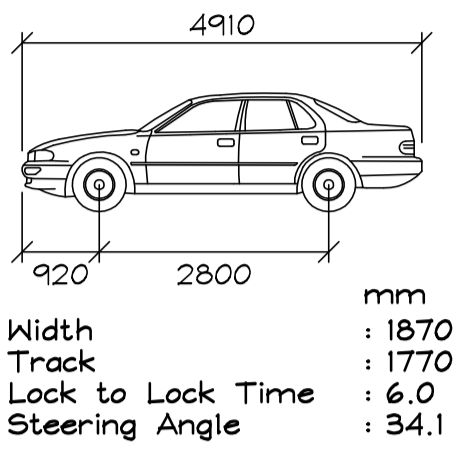
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B85 PROFILE:



APPROXIMATE EXTENT OF PROPOSED DRIVEWAY & WALKWAY BY OTHERS. LOCATION TO BE CONFIRM PRIOR TO CONSTRUCTION. REFER ARCHITECT FOR SPECIFICATION AND DETAILS.

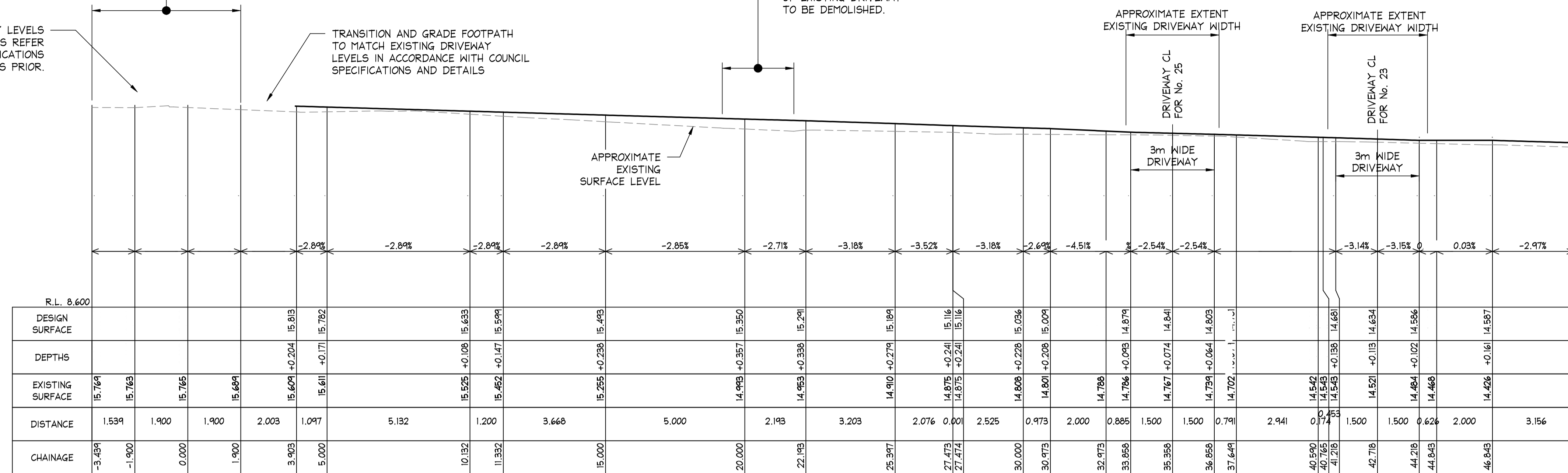
DRIVEWAY & WALKWAY LEVELS AND GRADES BY OTHERS REFER ARCHITECT FOR SPECIFICATIONS & DETAILS PRIOR.

TRANSITION AND GRADE FOOTPATH TO MATCH EXISTING DRIVEWAY LEVELS IN ACCORDANCE WITH COUNCIL SPECIFICATIONS AND DETAILS

APPROXIMATE EXTENT OF EXISTING DRIVEWAY TO BE DEMOLISHED.

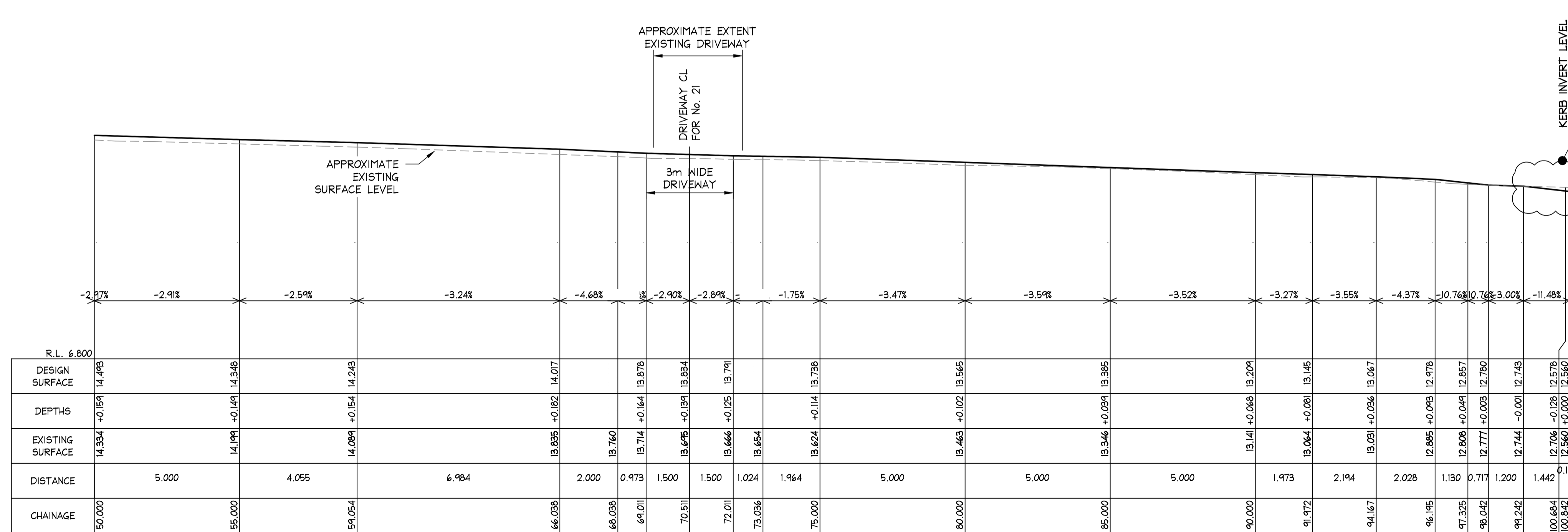
APPROXIMATE EXTENT EXISTING DRIVEWAY WIDTH

APPROXIMATE EXTENT EXISTING DRIVEWAY WIDTH



LONGITUDINAL SECTION ALONG BACK OF FOOTPATH FROM CH: -3.439 TO CH: 50.000 SCALES: HORIZONTAL 1:100 VERTICAL 1:100

SECTION 5 C01, C02



LONGITUDINAL SECTION ALONG BACK OF FOOTPATH FROM CH: 50.000 TO CH: 100.842 SCALES: HORIZONTAL 1:100 VERTICAL 1:100

SECTION 5 C01, C02

STANDARD KERB ACCESS RAMP (FOOTPATH RAMP) REFER COUNCIL DETAILS. PRIOR APPROVAL AND RAMP LOCATION TO BE CONFIRMED BY COUNCIL PRIOR TO CONSTRUCTION.

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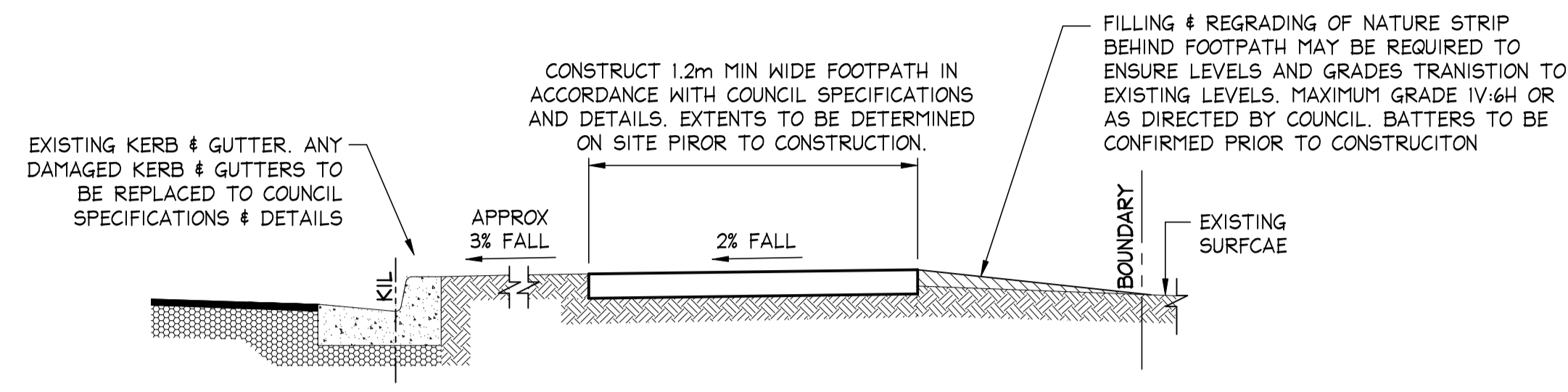
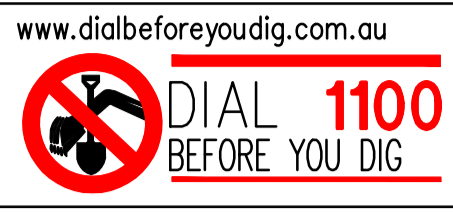
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NOTES:

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2. FOR GENERAL NOTES REFER TO DRAWING NUMBER: C01.



TYPICAL FOOTPATH CROSS SECTION DETAIL
NOT TO SCALE

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A1

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