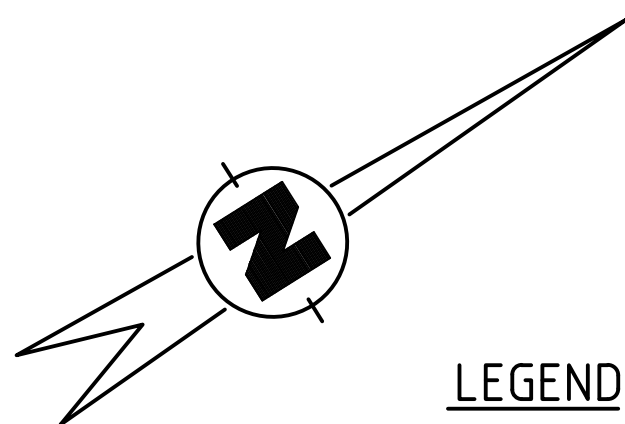


ROADWORKS AND DRAINAGE

- ALL EXPOSED CLAY AND BARE SOIL ARE TO BE TOPSOILED AND GRASSED AS SPECIFIED, WITH MINIMUM SOIL DEPTH OF 100mm. A CATCH DRAIN IS TO BE CUT TO PROTECT SUCH GRASSED AREAS FROM SCOUR DURING INITIAL GROWTH.
- SUB-SURFACE DRAINS TO BE INSTALLED IN ACCORDANCE WITH N.R.L.G. STD. DRAWING No. R-09B & SPECIFICATION C230 & C231
- SERVICE CONDUITS FOR WATER, ELECTRICITY, GAS AND TELECOMMUNICATIONS ARE TO BE INSTALLED AS DIRECTED, AND IN ACCORDANCE WITH T.S.C. STD. DRAWING No. S.D.006.
- FOR STANDARD KERB PROFILES REFER TO N.R.L.G. STD. DRAWING No. R-03C AND SPECIFICATION C224
- STORMWATER LINES ARE TO BE INSTALLED IN ACCORDANCE WITH N.R.L.G. STD. SPECIFICATION C220, C221 & C223 U.N.O.
- PIPES GREATER THAN 600mm TO BE INTERNAL INTERLOCKING JOINT WITH APPROVED EXTERNAL BANDAGE COVERING JOINT TO MANUFACTURERS SPECIFICATION.
- STORMWATER MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH N.R.L.G. STD. DRAWING No. SW-02A & SPECIFICATION C223. PROVIDE 100mm DIA. uPVC SEEPAGE DRAIN AROUND MANHOLE BASE TO DRAIN BACKFILL/BEDDING AS DIRECTED.
- PAVEMENT AND A.C. SURFACE TO BE CONSTRUCTED IN ACCORDANCE WITH N.R.L.G. SPECIFICATION C242 & C245
- STORMWATER GULLY PITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH N.R.L.G. DRAWING No. SW-01A AND SPECIFICATION C223.

GENERAL NOTES

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH BYRON SHIRE COUNCIL'S STANDARDS AND SPECIFICATIONS.
- ANY REQUIRED ADJUSTMENTS OF EXISTING SERVICES SHALL BE CARRIED OUT TO THE REQUIREMENTS OF THE RELEVANT AUTHORITY, AT THE DEVELOPERS EXPENSE.
- TRAFFIC CONTROL PLAN TO BE PROVIDED BY CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
- ALL EXISTING SERVICES ARE TO BE LOCATED AND LEVELS CONFIRMED BEFORE COMMENCING CONSTRUCTION.
- ALL SPOT LEVELS SHOWN ARE FINISHED SURFACE LEVELS AND ALLOW FOR 100mm NOMINAL OF TOPSOIL.
- MINOR EARTHWORKS TO DIRECT STORMWATER INTO FIELD INLETS SHALL BE CONSTRUCTED AS DIRECTED.
- CONTOURS SHOWN ON ROADS ARE FINISHED PAVEMENT LEVELS.
- ROOF WATER KERB ADAPTORS SHALL BE PROVIDED, IF DIRECTED, AT THE LOW SIDE OF EACH PROPERTY.
- ALL EXISTING INFORMATION IS PROVIDED BY THE SURVEYOR.
- CONSTRUCTION SETOUT TO BE BASED ON CONTROL DATA AND COMPUTER DESIGN DISKS TO BE PROVIDED BY THE PRINCIPALS SURVEYOR.



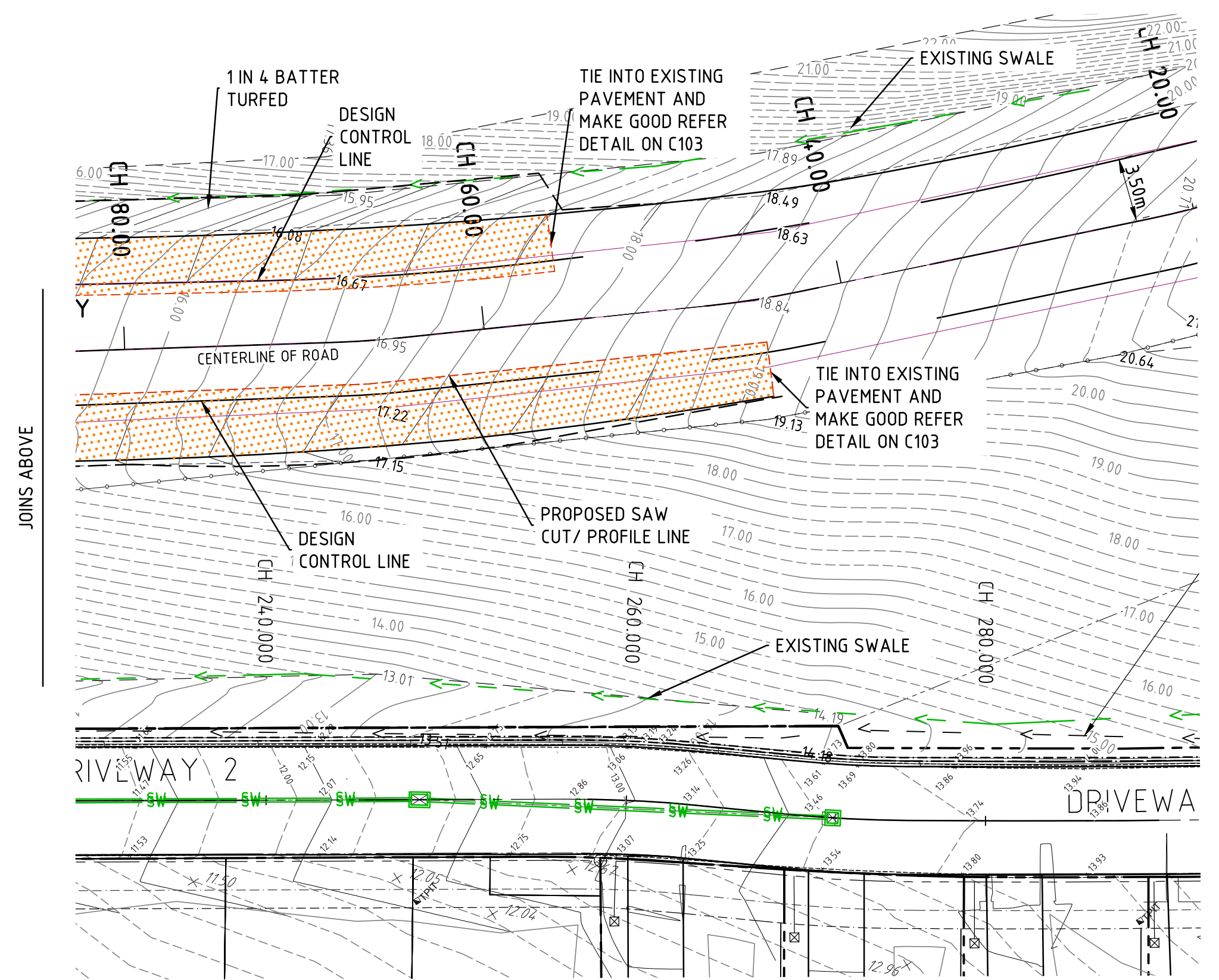
LEGEND

- 16.0 - EXISTING CONTOUR
- W - EXISTING WATER
- SW - EXISTING STORMWATER
- S - EXISTING SEWER
- PROPOSED WATER RETICULATION
- PROPOSED STORMWATER RETICULATION
- PROPOSED SEWERAGE RETICULATION BY OTHERS
- + 15.60 - PROPOSED FINISHED SURFACE LEVEL
- PROPOSED SWALE DRAIN
- 83.0 - PROPOSED CONTOUR
- PROPOSED EXTERNAL AC PAVEMENT OVERLAY THICKNESS VARIES
- PROPOSED AC PAVEMENT 25mm A.C. SURFACING 150 CLASS 1 (CBR 80) 235 CLASS 2 (CBR 45) SUBJECT TO TESTING

IMPORTANT NOTE:



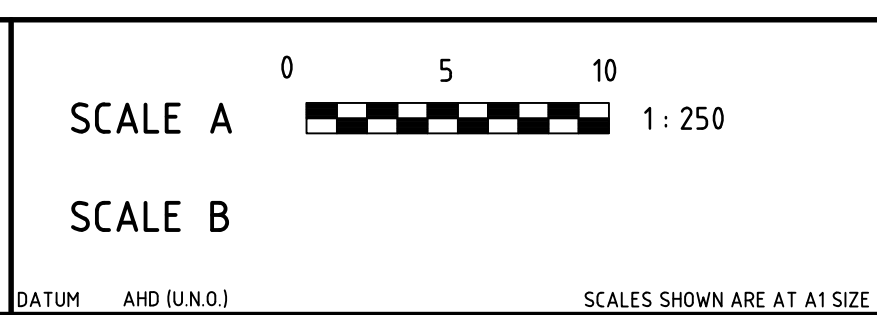
ALL UNDERGROUND SERVICES SHOULD BE LOCATED ONSITE BY RELEVANT AUTHORITIES BEFORE ANY WORK IS COMMENCED.



No.	DATE	ISSUE	REVISED	CHECKED
A	03/23	APPROVAL ISSUE		J.L. J.A.W.
P1	10/22	ORIGINAL ISSUE		J.L. J.A.W.

IN ASSOCIATION WITH

APPROVAL ISSUE
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DRAWN J.L.
CHECKED J.A.W.
APPROVED FOR AND ON BEHALF OF
COZENS REGAN GROUP PTY LTD
(NER No 540920)
(RPEQ No 4536)

CLIENT
MR CALLUM SKED, MR WILLIAM GORDON SKED, MR MATT TREE & MR MICHAEL THOMAS GRAHAM

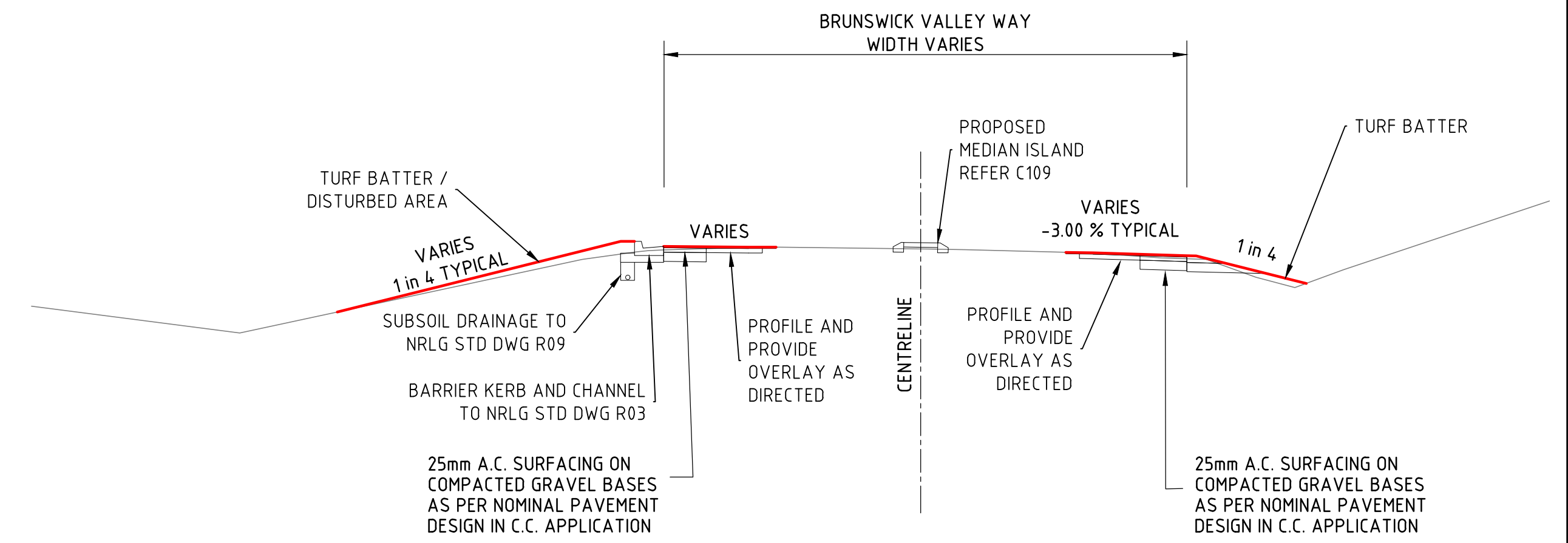
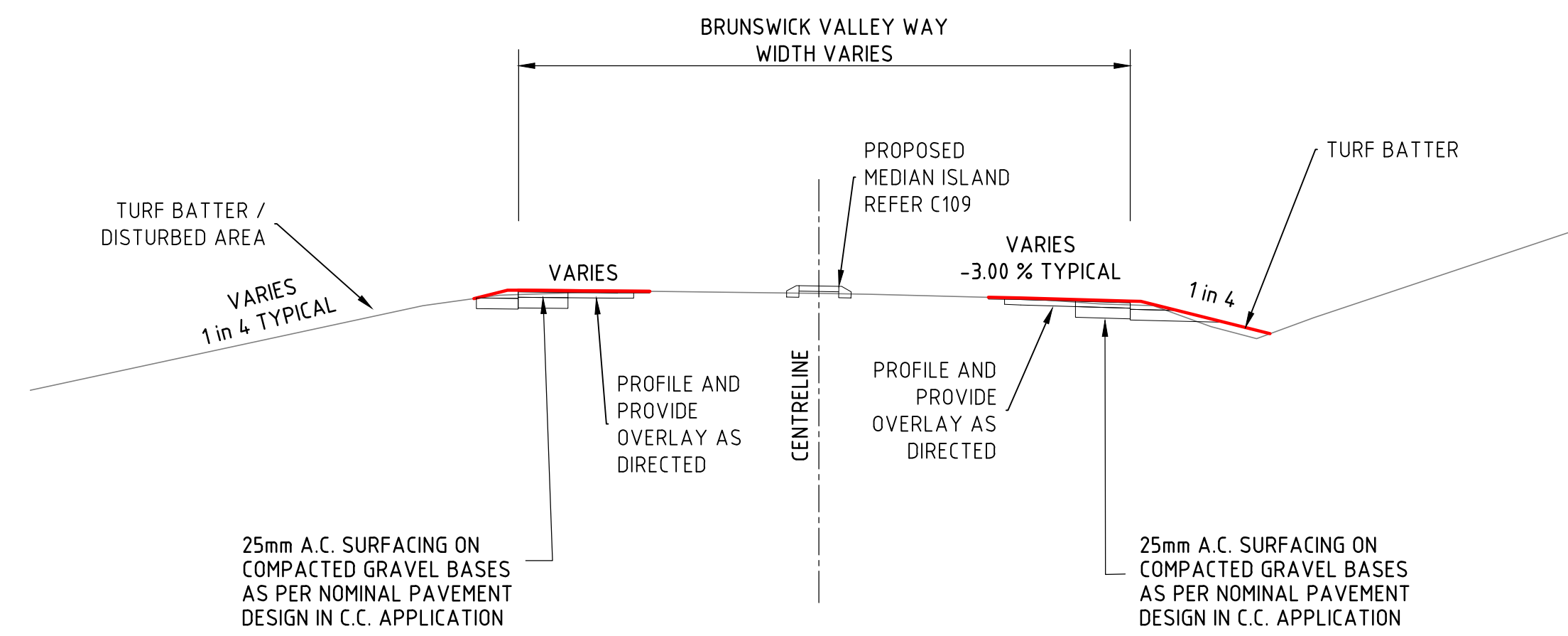
PROJECT
MULTI DWELLING HOUSING DEVELOPMENT - EXTERNAL WORKS
AT KULGUN COURT, OCEAN SHORES

ROADWORKS AND DRAINAGE PLAN

JOB NO.
16553

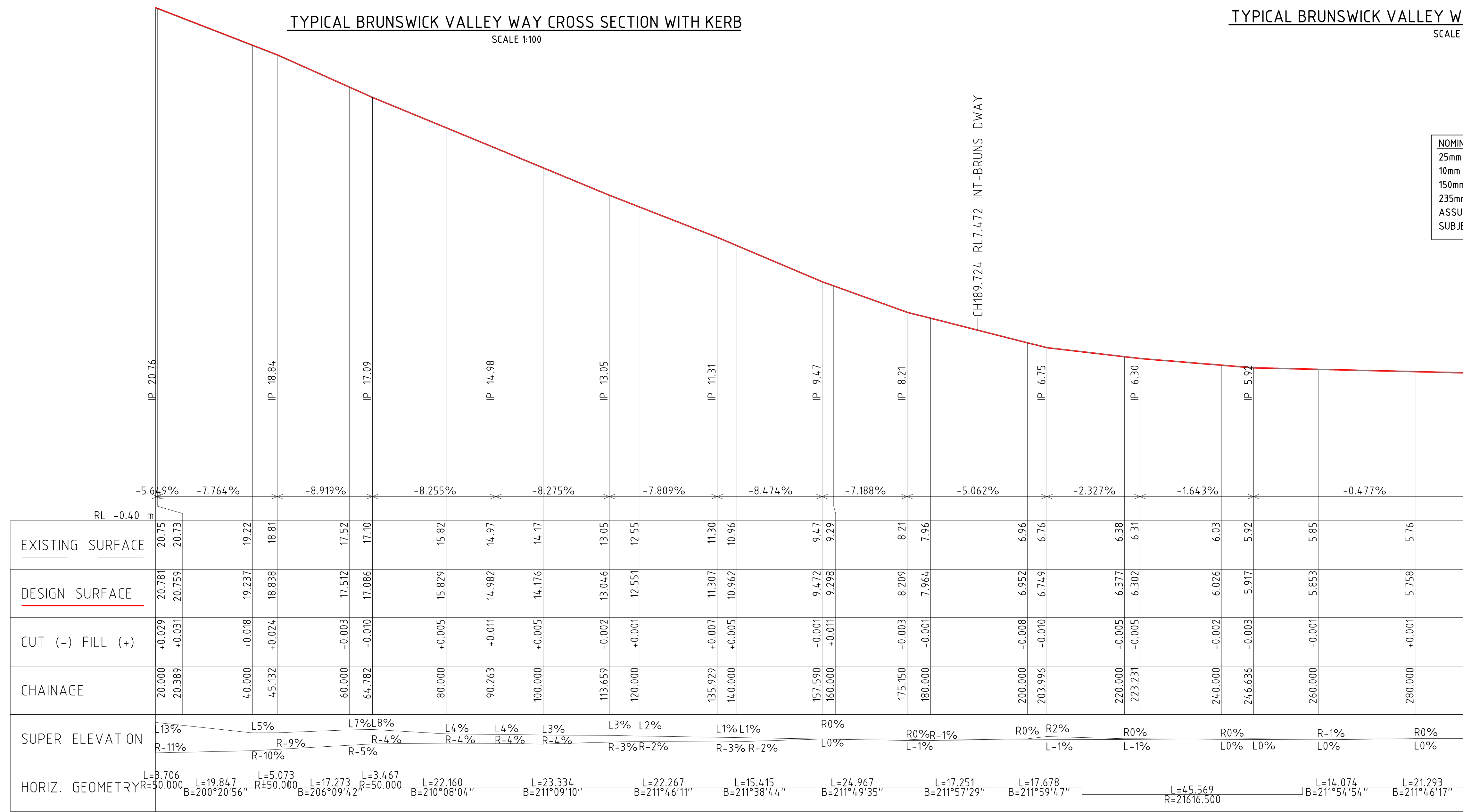
DRAWING NO.
C103

ISSUE
P1A



TYPICAL BRUNSWICK VALLEY WAY CROSS SECTION WITH KERB
SCALE 1:100

TYPICAL BRUNSWICK VALLEY WAY CROSS SECTION WITH KERB
SCALE 1:100



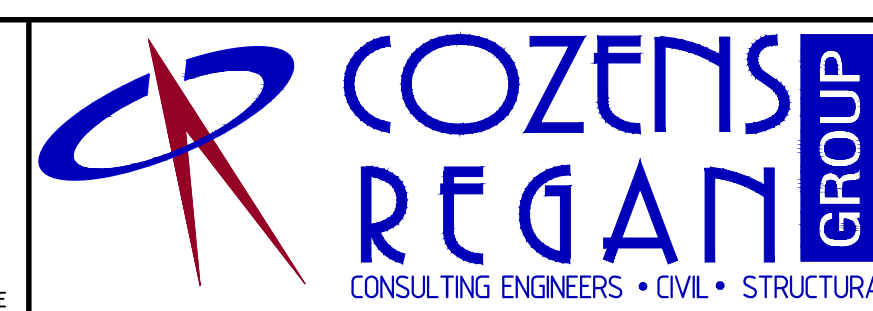
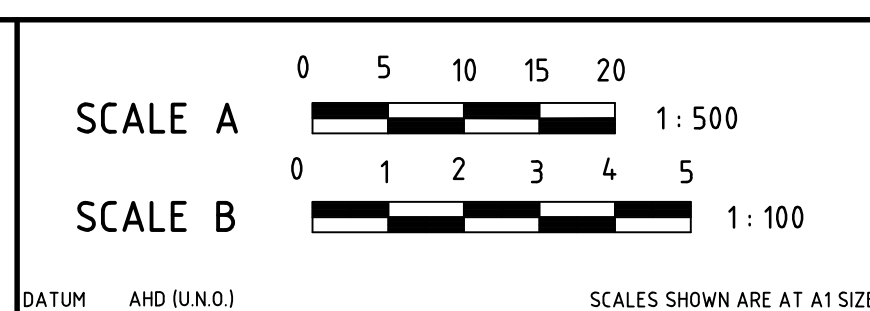
NOMINAL ROAD WIDENING PAVEMENT DESIGN
 25mm ASPHALTIC CONCRETE (DG14)
 10mm PRIMER SEAL
 150mm COMPACTED BASE COURSE (CLASS 2.1 - CBR80)
 235mm COMPACTED SUB-BASE (CLASS 2.3 - CBR 45)
 ASSUMED CBR = 10
 SUBJECT TO SOILS TEST

LONGITUDINAL SECTION -CL BRUNSWICK VALLEY WAY
SCALE 1:500 H 1:100 V

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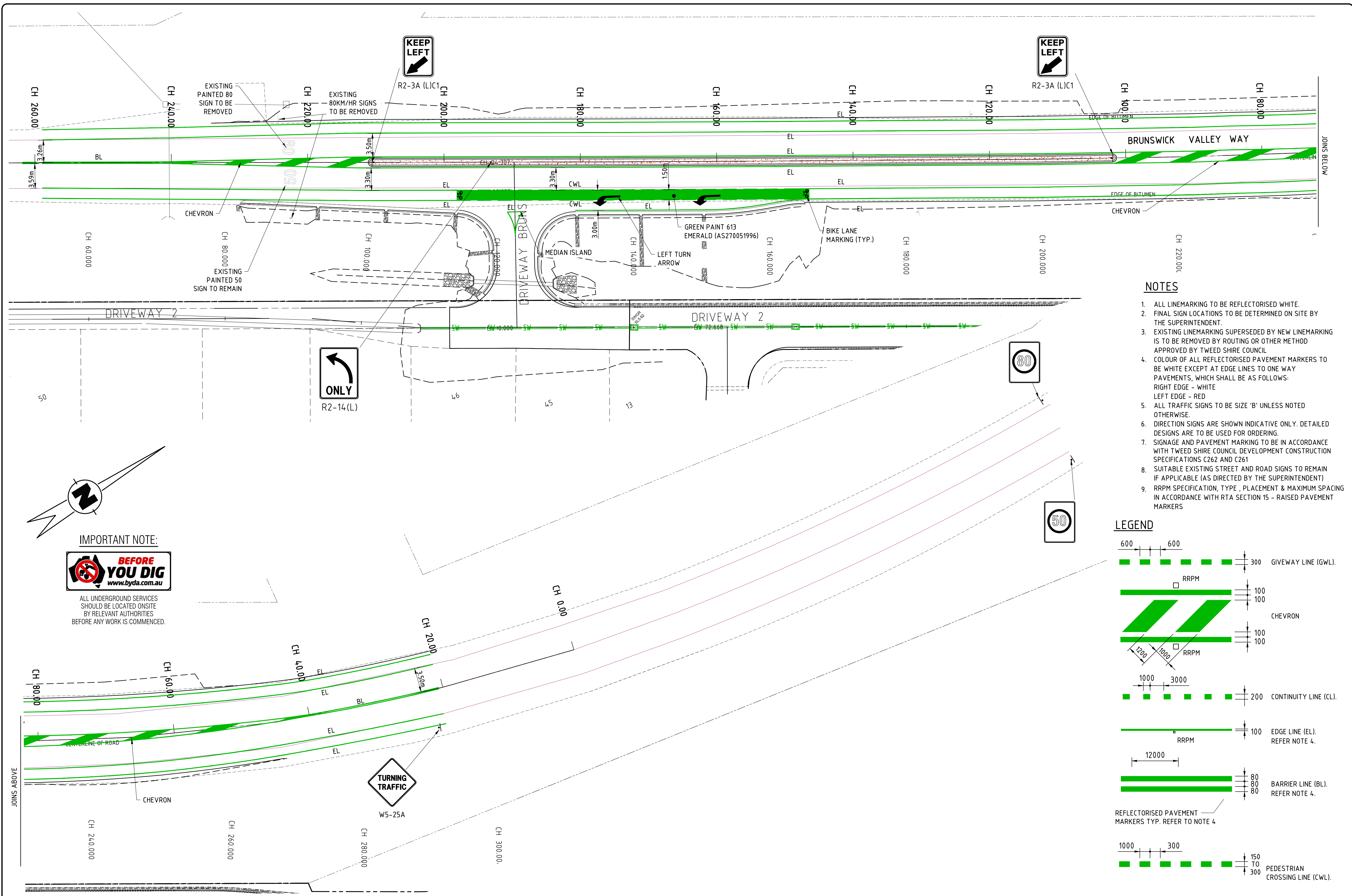
PROJECT
**MULTI DWELLING HOUSING DEVELOPMENT - EXTERNAL WORKS
AT KULGUN COURT, OCEAN SHORES**

BRUNSWICK VALLEY WAY LONG SECTION 1 OF 2

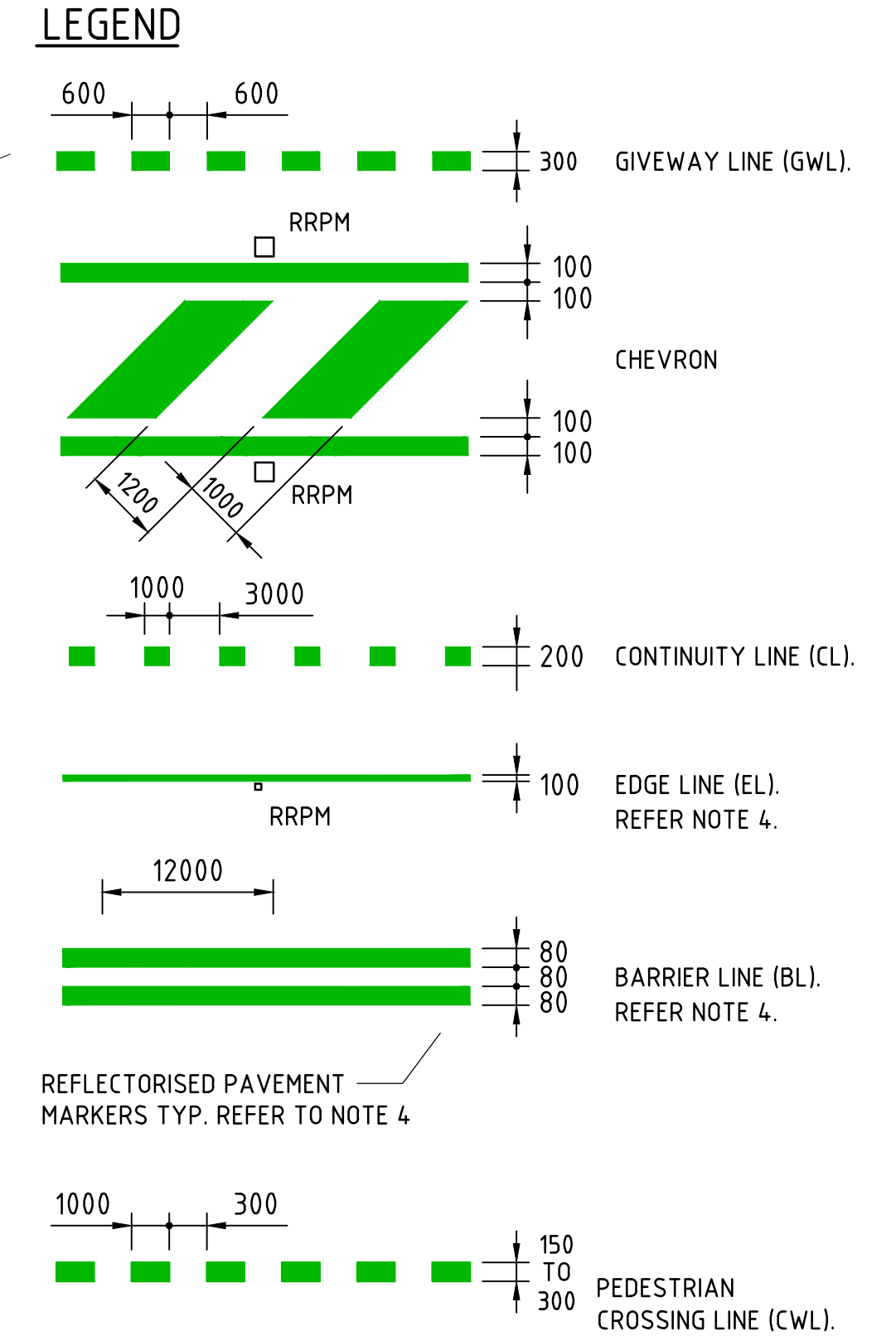
JOB NO.
16553

DRAWING NO.
C104

ISSUE
P1A

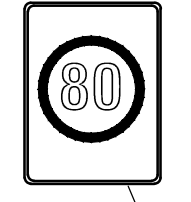


- ### NOTES
1. ALL LINEMARKING TO BE REFLECTORISED WHITE.
 2. FINAL SIGN LOCATIONS TO BE DETERMINED ON SITE BY THE SUPERINTENDENT.
 3. EXISTING LINEMARKING SUPERSEDED BY NEW LINEMARKING IS TO BE REMOVED BY ROUTING OR OTHER METHOD APPROVED BY TWEED SHIRE COUNCIL.
 4. COLOUR OF ALL REFLECTORISED PAVEMENT MARKERS TO BE WHITE EXCEPT AT EDGE LINES TO ONE WAY PAVEMENTS, WHICH SHALL BE AS FOLLOWS:
RIGHT EDGE - WHITE
LEFT EDGE - RED
 5. ALL TRAFFIC SIGNS TO BE SIZE 'B' UNLESS NOTED OTHERWISE.
 6. DIRECTION SIGNS ARE SHOWN INDICATIVE ONLY. DETAILED DESIGNS ARE TO BE USED FOR ORDERING.
 7. SIGNAGE AND PAVEMENT MARKING TO BE IN ACCORDANCE WITH TWEED SHIRE COUNCIL DEVELOPMENT CONSTRUCTION SPECIFICATIONS C262 AND C261.
 8. SUITABLE EXISTING STREET AND ROAD SIGNS TO REMAIN IF APPLICABLE (AS DIRECTED BY THE SUPERINTENDENT).
 9. RRPMS SPECIFICATION, TYPE, PLACEMENT & MAXIMUM SPACING IN ACCORDANCE WITH RTA SECTION 15 - RAISED PAVEMENT MARKERS.



IMPORTANT NOTE:

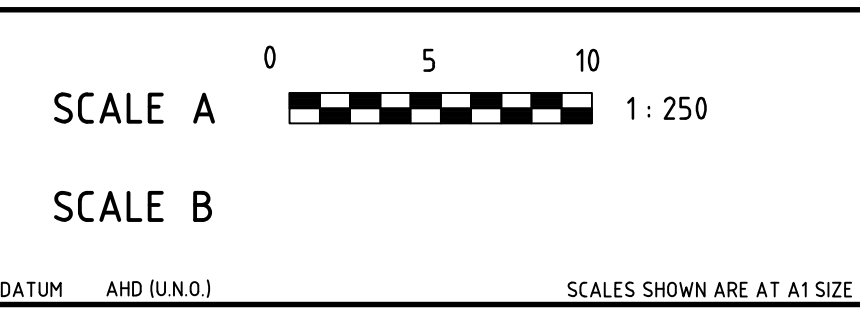
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PROJECT: MULTI DWELLING HOUSING DEVELOPMENT - EXTERNAL WORKS AT KULGUN COURT, OCEAN SHORES

JOB NO: **16553**

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ISSUE: **P1A**

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LINEMARKING & SIGNAGE PLAN