PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELOPMENT 114-120 OLD PITTWATER ROAD, BROOKVALE, NSW, 2100 CIVIL DRAWINGS FOR DEVELOPMENT APPLICATION

DRAWING LIST:

CO10628.01-DA 651

DRAWING NO. CO10628.01-DA 100 DRAWING LIST, GENERAL NOTES & LOCALITY PLAN EXISTING SITE FEATURES & SERVICES CO10628.01-DA 150 CO10628.01-DA 200 EROSION & SEDIMENT CONTROL PLAN CO10628.01-DA 251 EROSION & SEDIMENT CONTROL DETAILS - SHEET 1 EROSION & SEDIMENT CONTROL DETAILS - SHEET 2 CO10628.01-DA 252 CO10628.01–DA 300 BULK EARTHWORKS PLAN CO10628.01-DA 301 CUT/FILL PLAN CO10628.01-DA 351 BULK EARTHWORKS SECTIONS - SHEET 1 CO10628.01–DA 352 BULK EARTHWORKS SECTIONS – SHEET 2 CO10628.01-DA 400 STORMWATER DRAINAGE PLAN CO10628.01-DA 451 STORMWATER DRAINAGE DETAILS - SHEET 1 CO10628.01-DA 600 RETAINING WALL SETOUT PLAN

RETAINING WALL DETAILS

GENERAL NOTES:

- AUSTRALIA CODES AND WITH THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES EXCEPT WHERE

ELECTRONIC INFORMATION NOTES:

- THE ISSUED DRAWINGS IN HARD COPY OR PDF FORMAT TAKE PRECEDENCE OVER ANY ELECTRONICALLY ISSUED INFORMATION, LAYOUTS OR DESIGN MODELS.
- THE CONTRACTOR'S DIRECT AMENDMENT OR MANIPULATION OF THE DATA OR INFORMATION THAT MIGHT BE CONTAINED WITHIN AN ENGINEER-SUPPLIED DIGITAL TERRAIN MODEL AND ITS SUBSEQUENT USE TO UNDERTAKE THE WORKS WILL BE SOLELY AT THE DISCRETION OF AND THE RISK OF THE CONTRACTOR.
- THE CONTRACTOR IS REQUIRED TO HIGHLIGHT ANY DISCREPANCIES BETWEEN THE DIGITAL TERRAIN MODEL AND INFORMATION PROVIDED IN THE CONTRACT AND/OR DRAWINGS AND IS REQUIRED TO SEEK CLARIFICATION FROM THE SUPERINTENDENT.
- THE ENGINEER WILL NOT BE LIABLE OR RESPONSIBLE FOR THE POSSIBLE ON-GOING NEED TO UPDATE THE DIGITAL TERRAIN MODEL, SHOULD THERE BE ANY AMENDMENTS OR CHANGES TO THE DRAWINGS OR CONTRACT INITIATED BY THE CONTRACTOR.





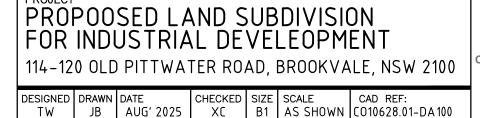
FOR DEVELOPMENT APPLICATION

ISSUED FOR DEVELOPMENT APPLICATION 23.09.25 ISSUED FOR INFORMATION AMENDMENTS ISSUE AMENDMENTS











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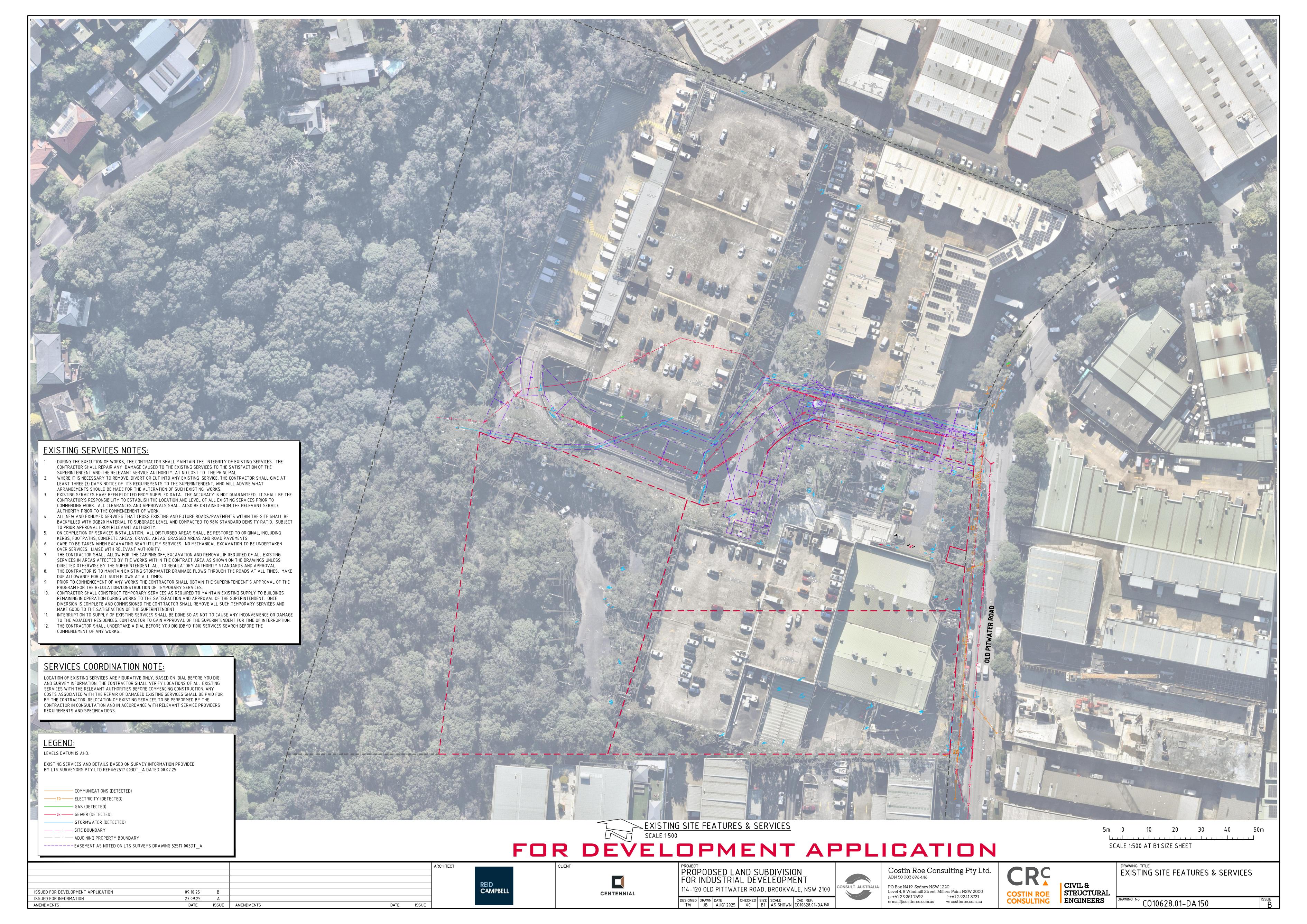
f: +61 2 9241 3731

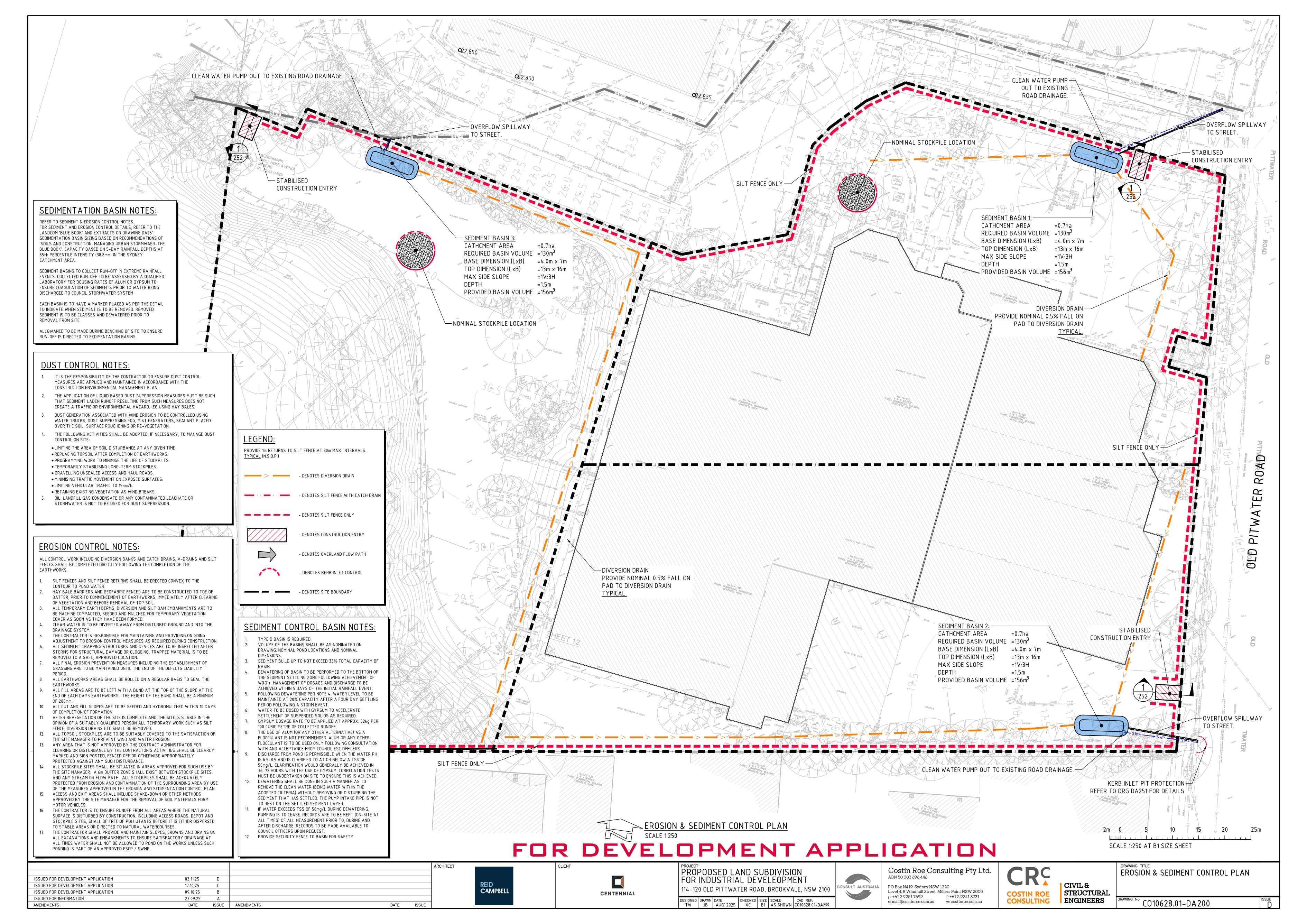


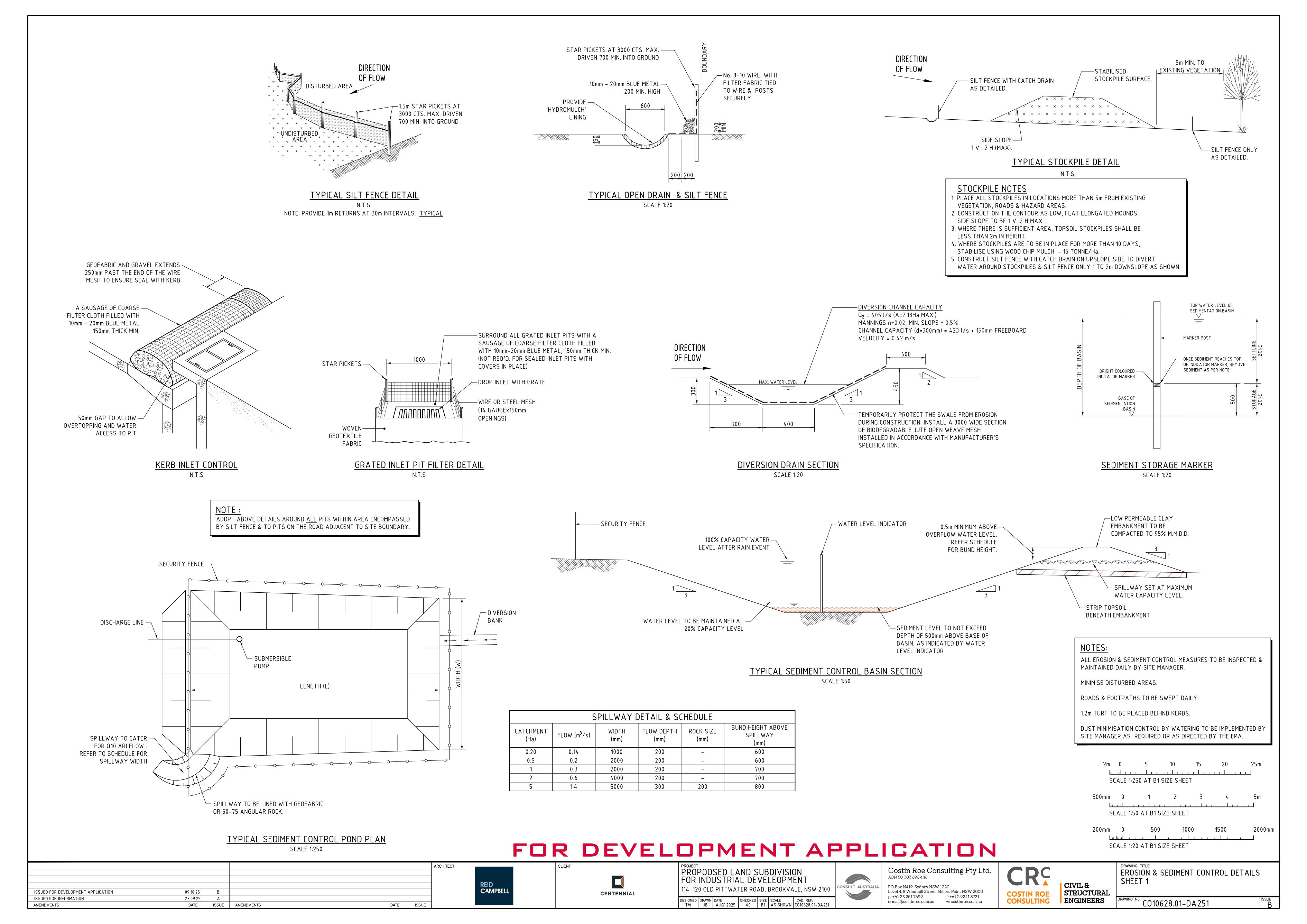
DRAWING LIST, GENERAL NOTES & LOCALITY PLAN STRUCTURAL

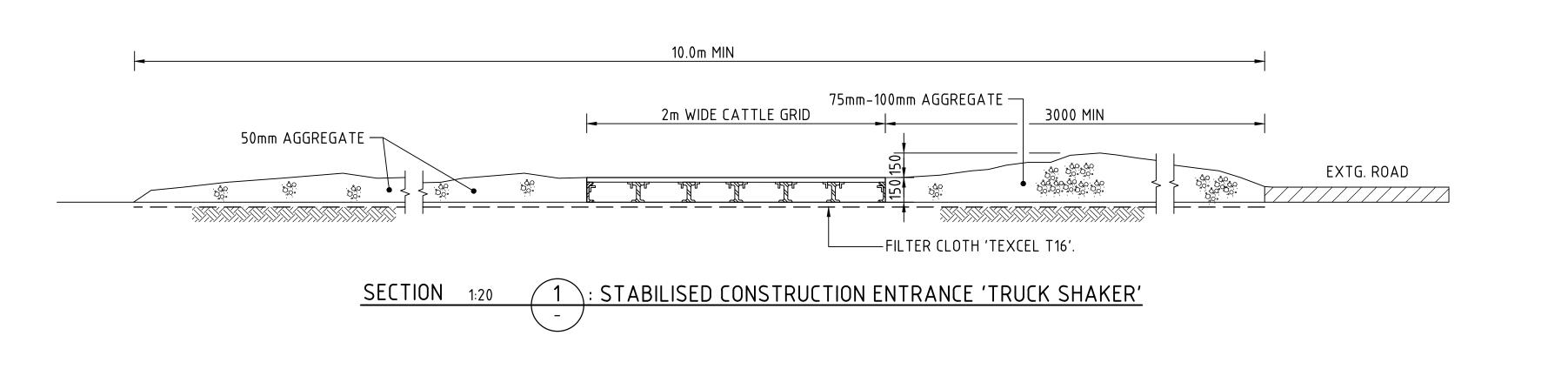
ENGINEERS

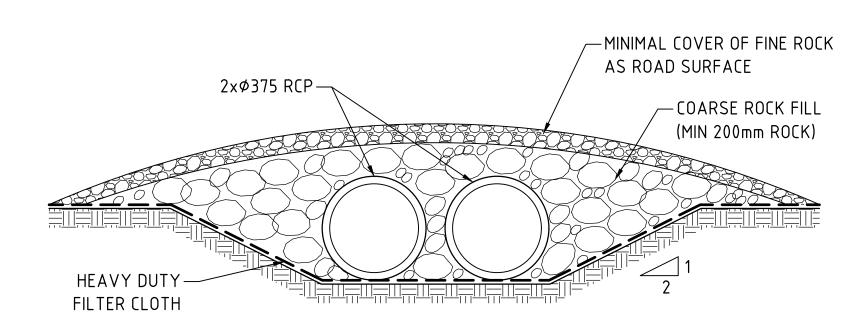
CO10628.01-DA100











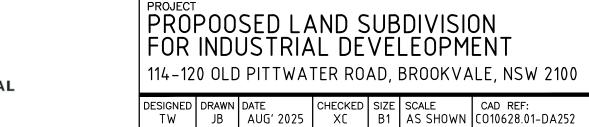
TYPICAL CROSSING OVER DIVERSION CHANNEL SCALE 1:20

FOR DEVELOPMENT APPLICATION

09.10.25 B
23.09.25 A
DATE ISSUE AMENDMENTS ISSUED FOR DEVELOPMENT APPLICATION ISSUED FOR INFORMATION AMENDMENTS



CENTENNIAL





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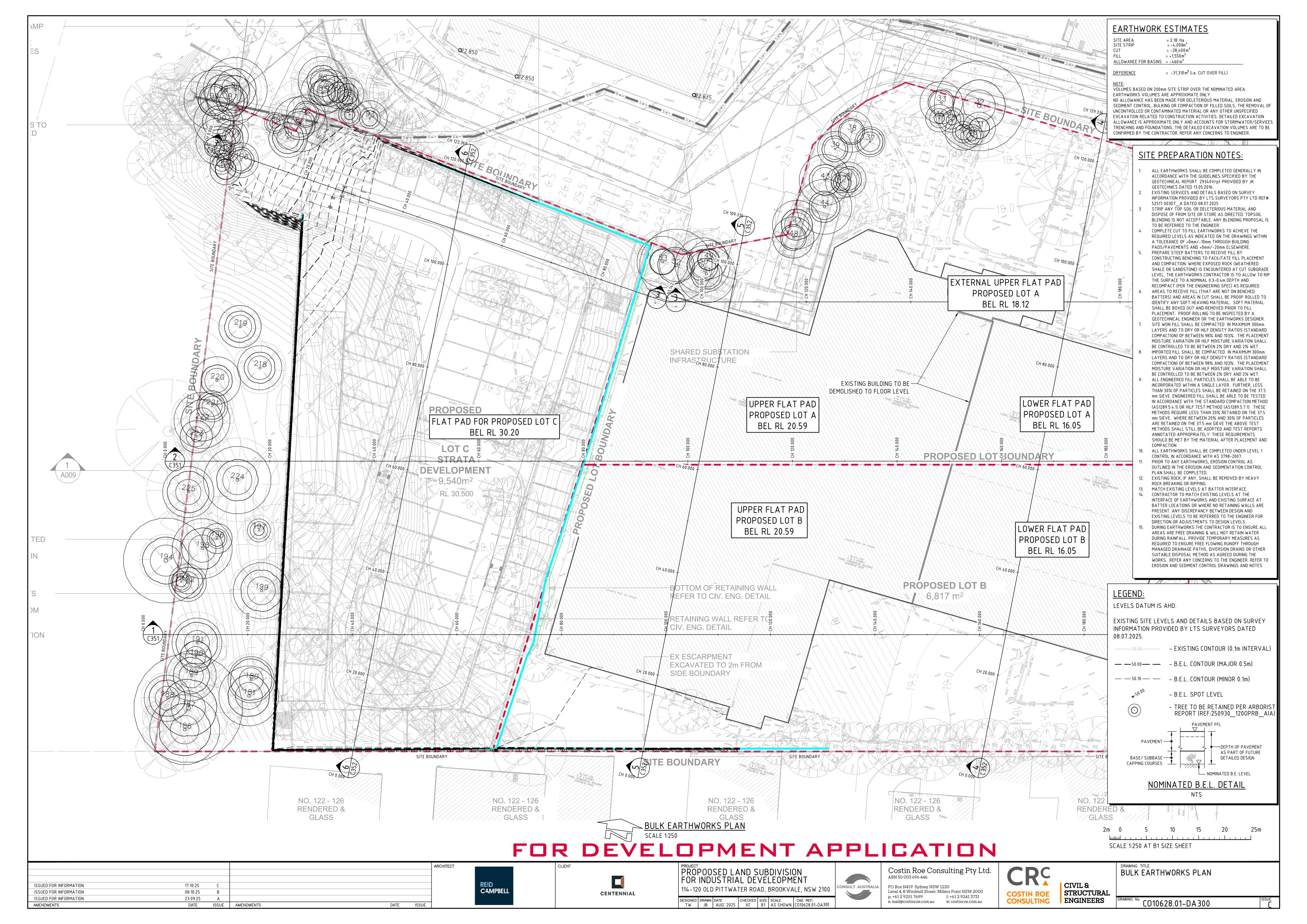
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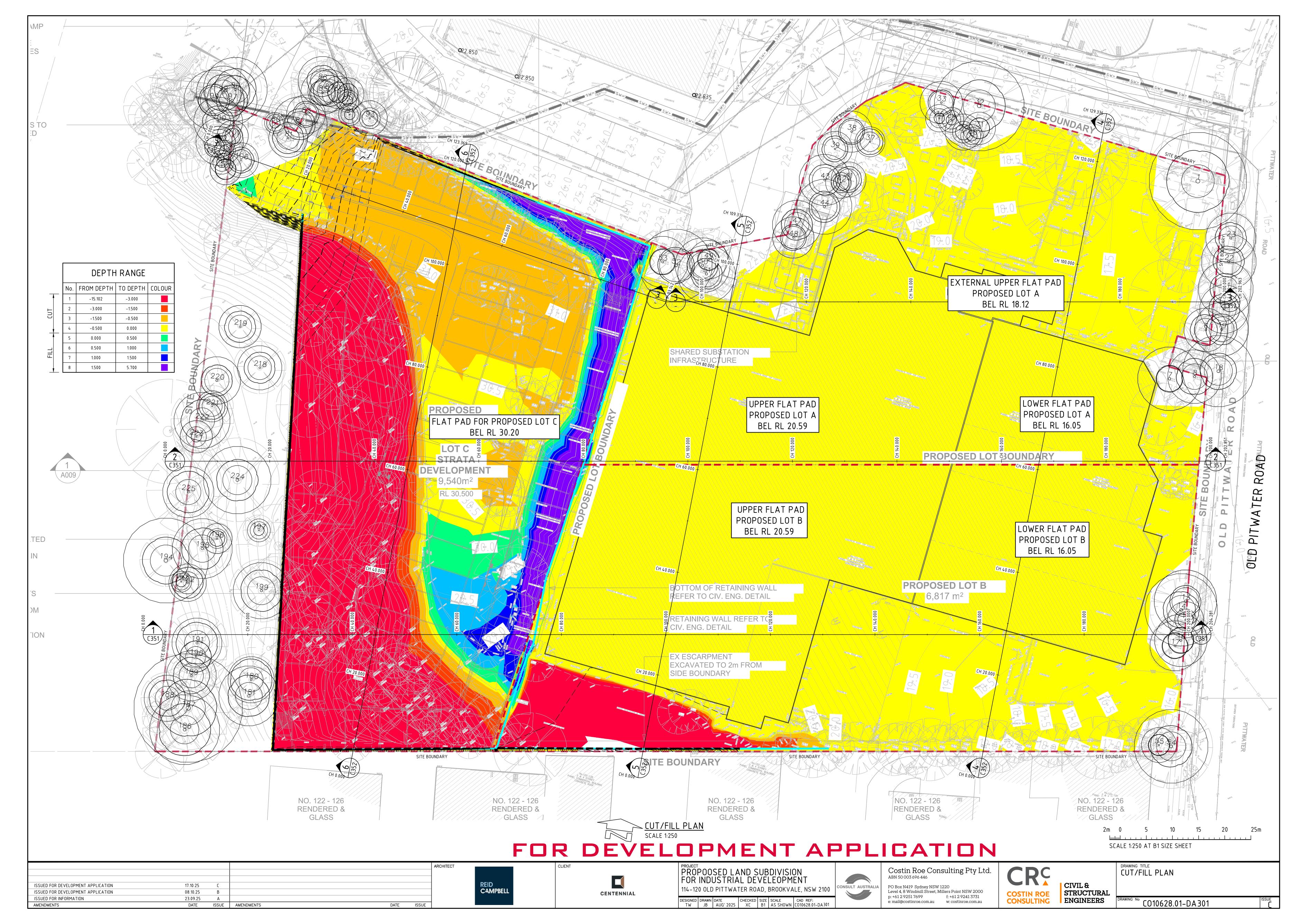
CIVIL &
STRUCTURAL
ENGINEERS

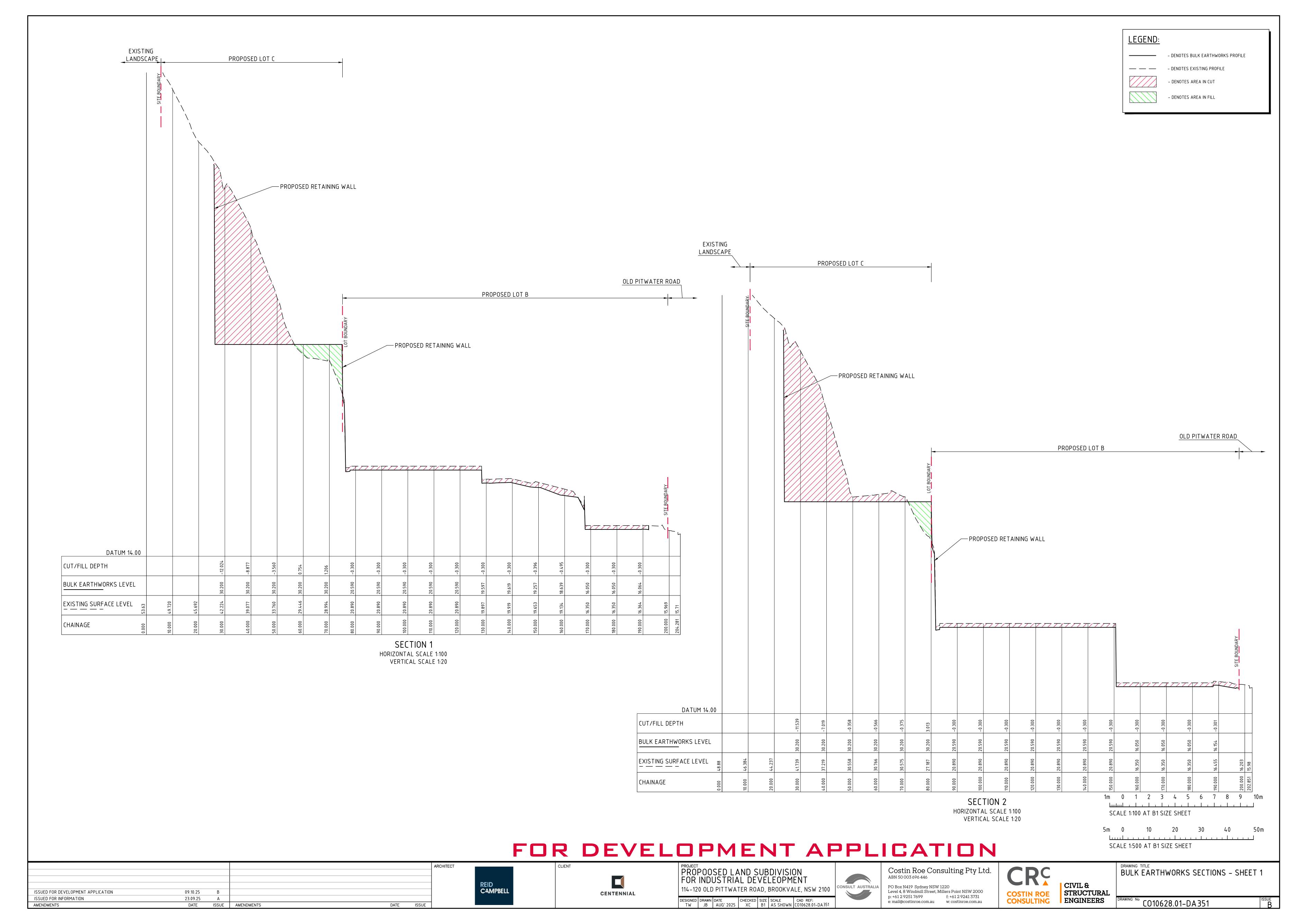
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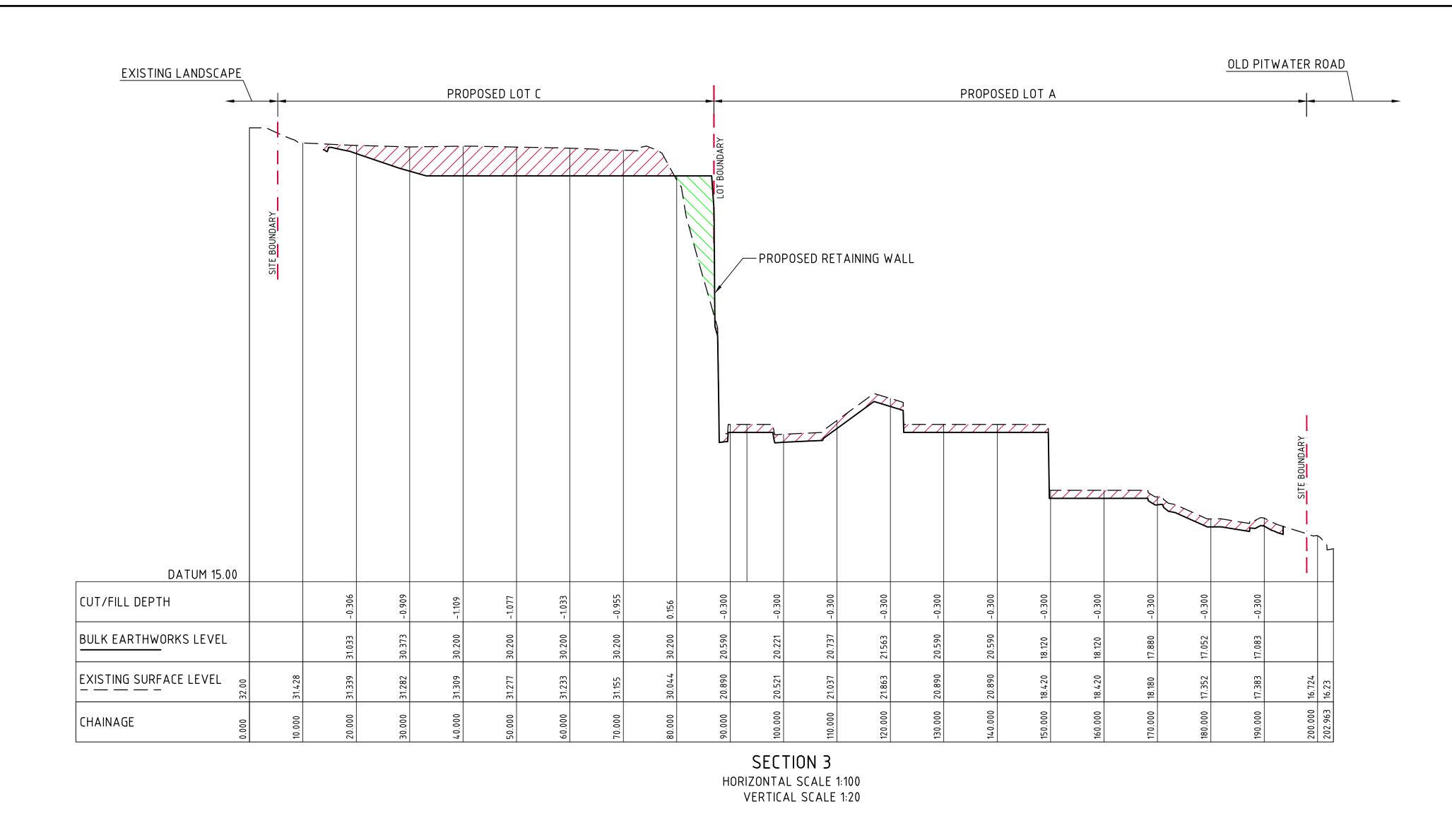
SCALE 1:20 AT B1 SIZE SHEET

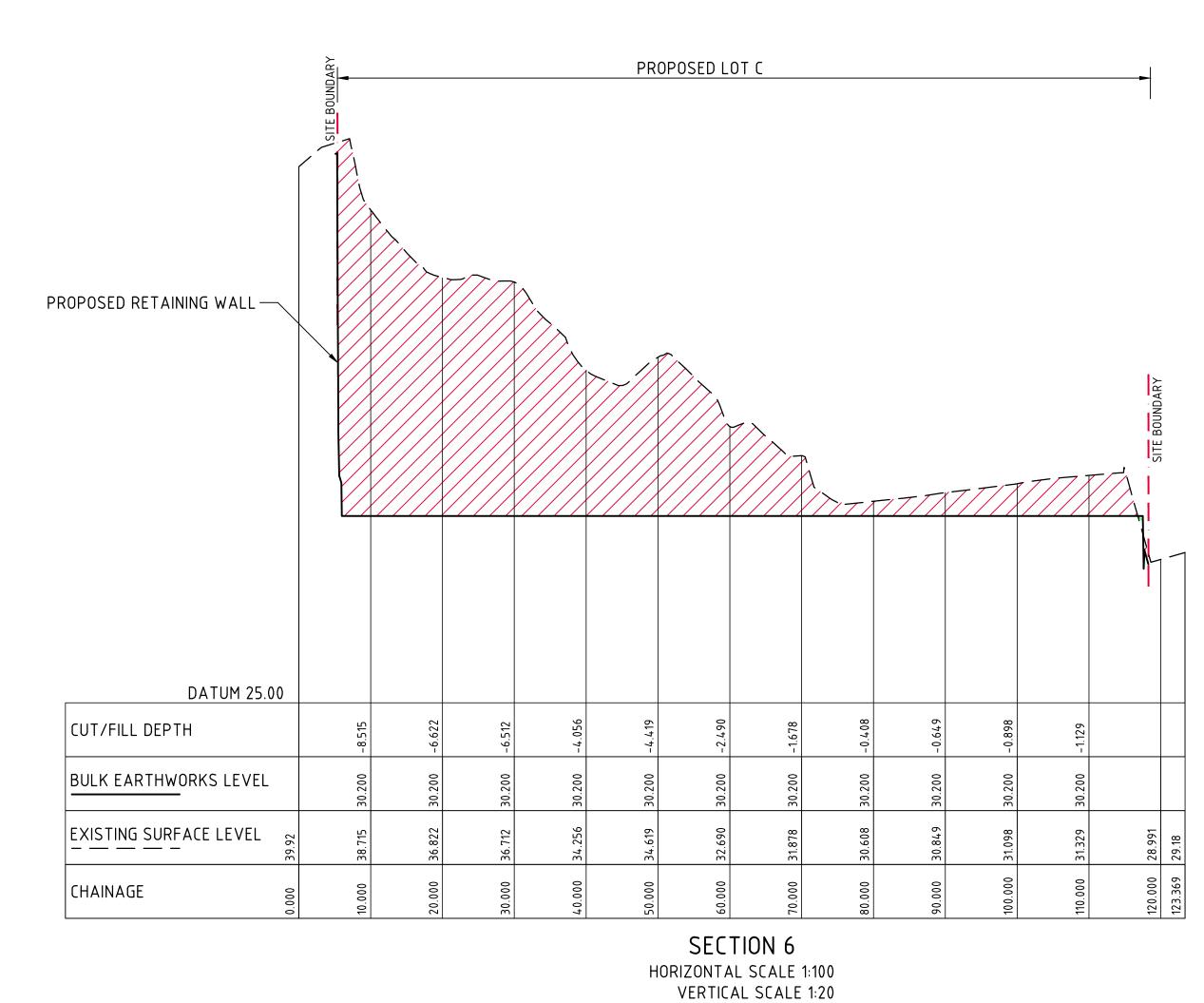
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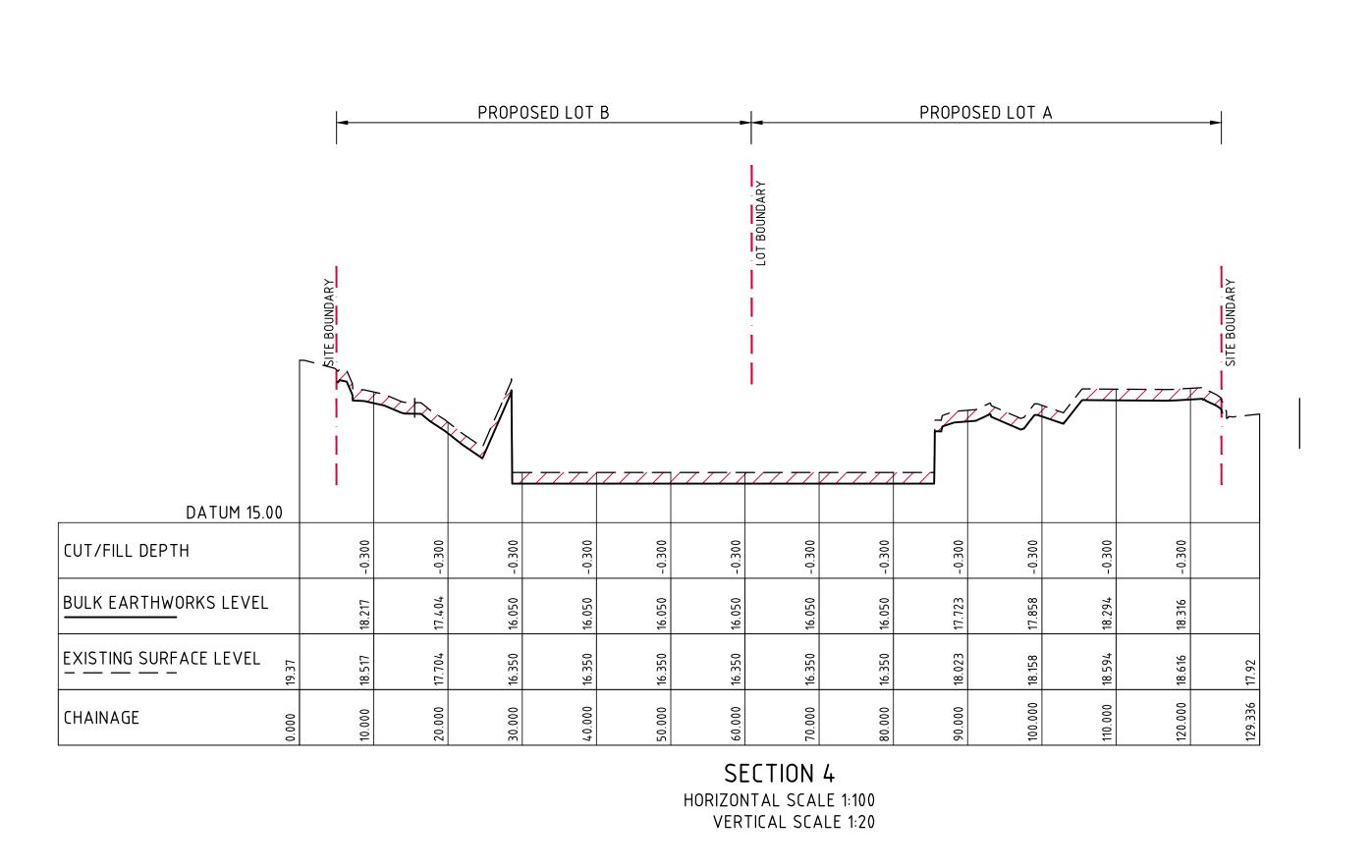


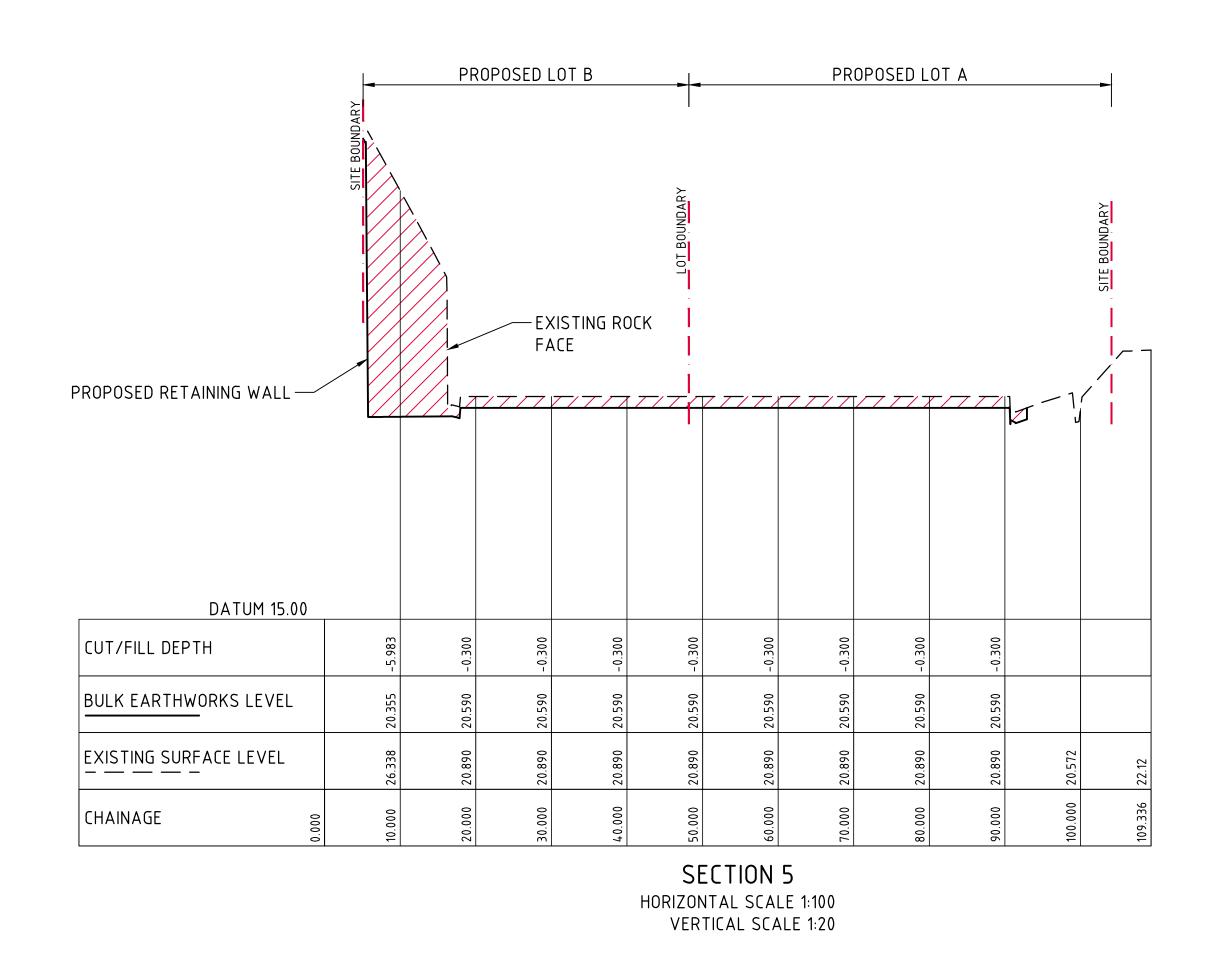












LEGEND: - DENOTES BULK EARTHWORKS PROFILE - DENOTES EXISTING PROFILE - DENOTES AREA IN CUT - DENOTES AREA IN FILL

ISSUED FOR DEVELOPMENT APPLICATION

ISSUED FOR INFORMATION

AMENDMENTS

09.10.25 23.09.25

DATE ISSUE AMENDMENTS

FOR DEVELOPMENT APPLICATION

DATE ISSUE

REID CAMPBELL



PROPOOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT 114-120 OLD PITTWATER ROAD, BROOKVALE, NSW 2100 DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
TW JB AUG' 2025 XC B1 AS SHOWN C010628.01-DA352



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CRC

DRAWING TITLE
BULK EARTHWORKS SECTIONS - SHEET 2 CIVIL &
STRUCTURAL
ENGINEERS

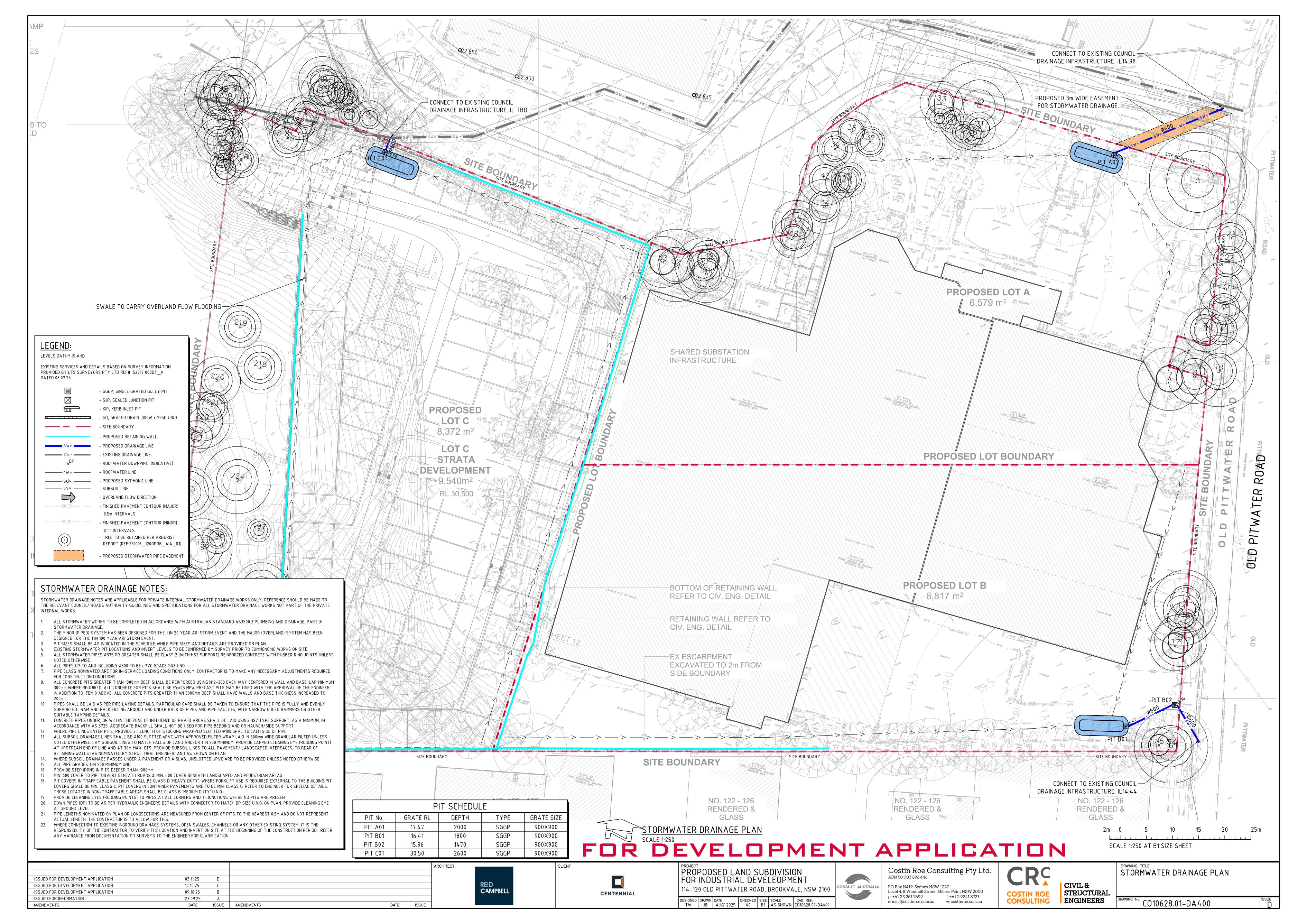
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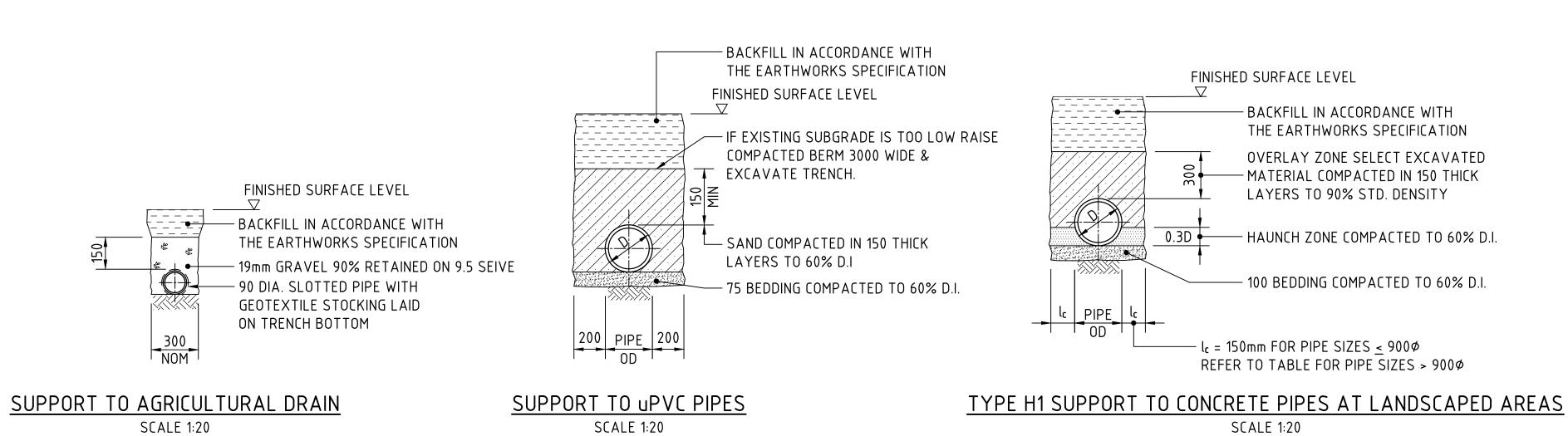
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CO10628.01-DA352

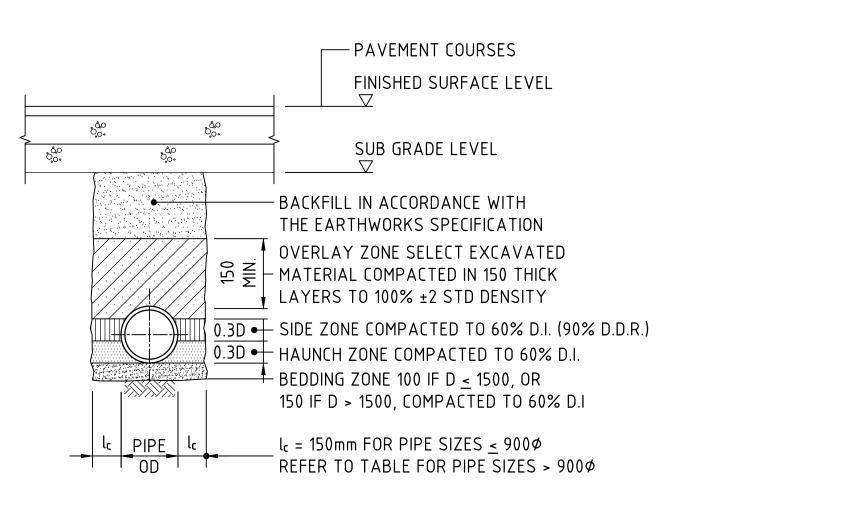
1m 0 1 2 3 4 5 6 7 8 9 10m

5m 0 10 20 30 40 50m





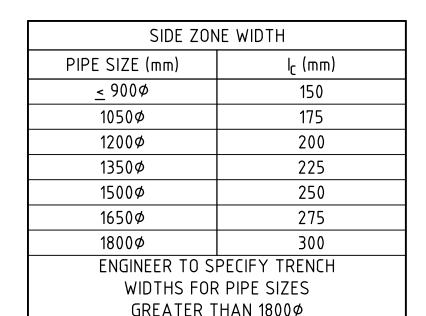
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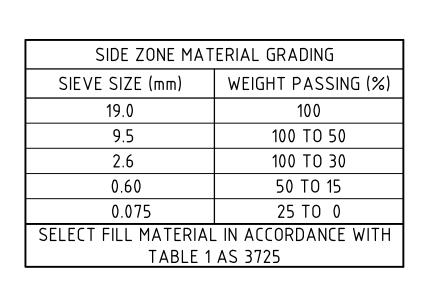




SCALE 1:20 D < 1350, MAX FILL = 4.0m D > 1350, MAX FILL = 3.0m

BEDDING & HAUNCH MATERIAL GRADING WEIGHT PASSING (%) SIEVE SIZE (mm) 19.0 100 2.36 100 TO 50 0.60 90 TO 50 0.30 60 TO 10 0.15 25 TO 0 0.075 10 TO 0





TYPE HS3 SUPPORT TO CONCRETE PIPES UNDER PAVEMENT

SCALE 1:20

D < 1050, MAX FILL = 6.0m

D > 1050, MAX FILL = 4.8m

— PAVEMENT COURSES

SUB GRADE LEVEL

- BACKFILL IN ACCORDANCE WITH

戶 MATERIAL COMPACTED IN 150 THICK

0.3D • HAUNCH ZONE COMPACTED TO 70% D.I.

└ BEDDING ZONE 100 IF D < 1500, OR

- $l_c = 150$ mm FOR PIPE SIZES < 900ϕ

THE EARTHWORKS SPECIFICATION

LAYERS TO 100% ±2 STD DENSITY

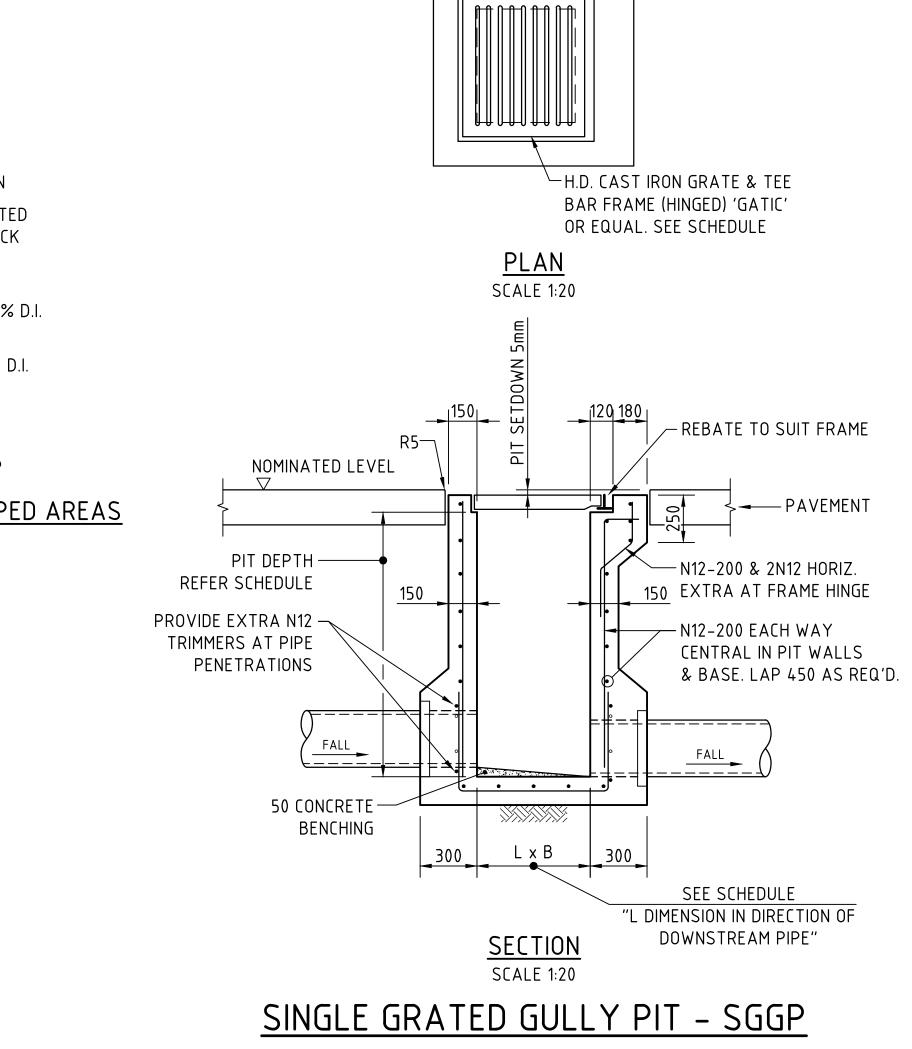
OVERLAY ZONE SELECT EXCAVATED

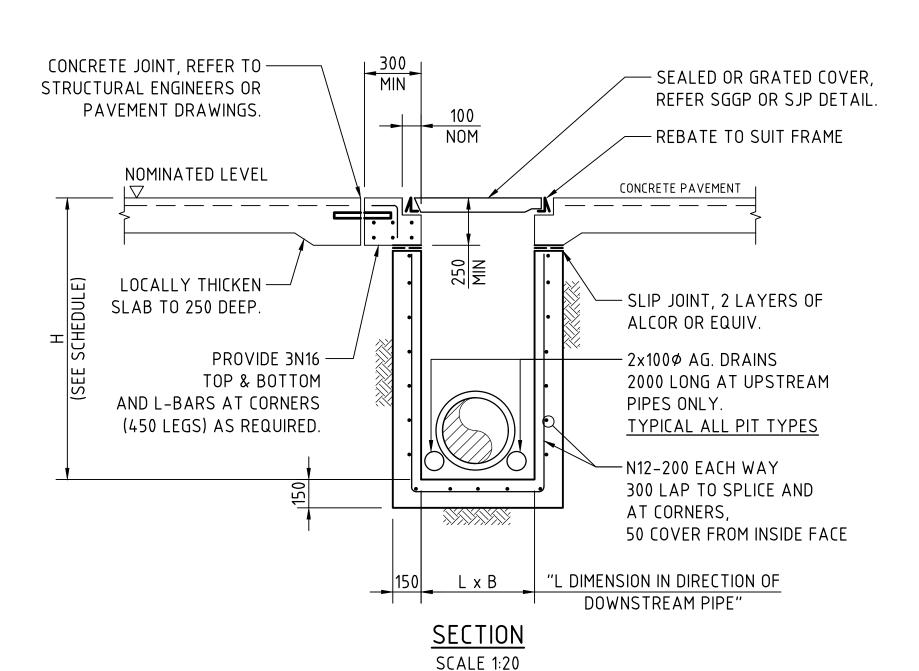
0.3D • SIDE ZONE COMPACTED TO 70% D.I. (95% D.D.R.)

150 IF D > 1500, COMPACTED TO 70% D.I

REFER TO TABLE FOR PIPE SIZES > 900¢

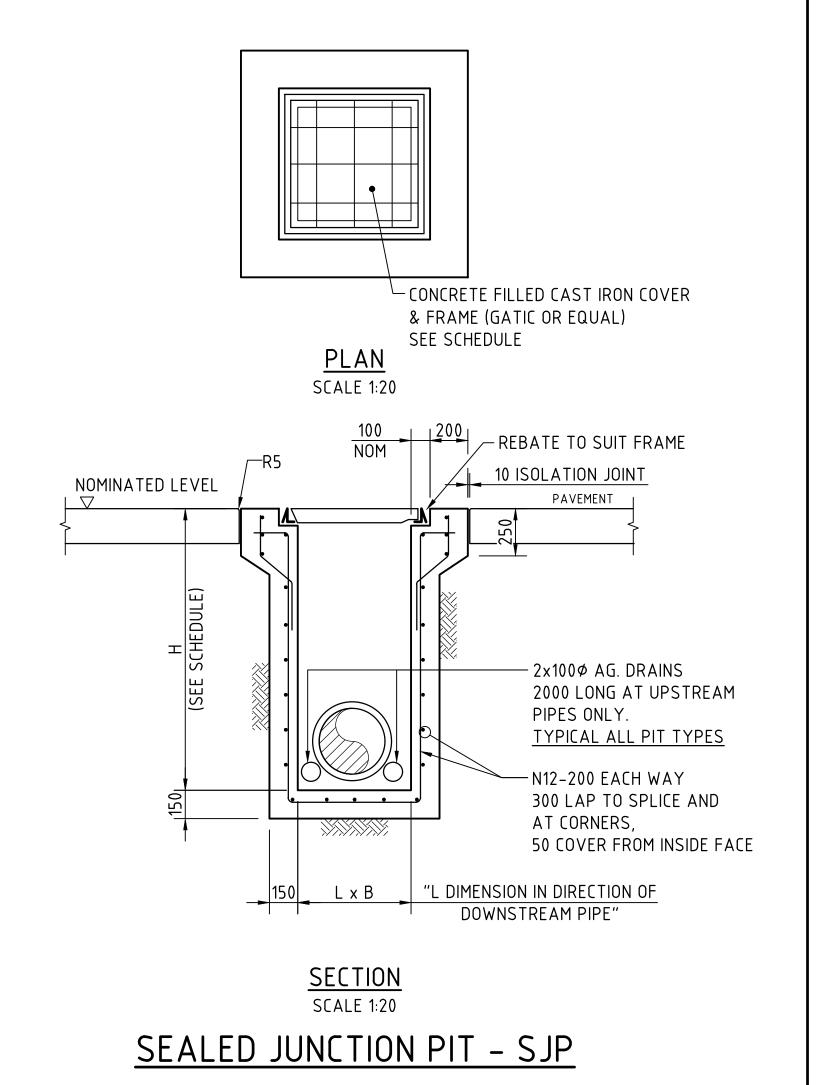
FINISHED SURFACE LEVEL

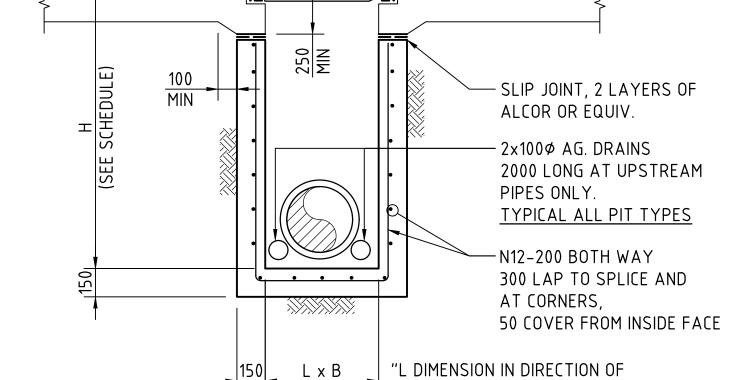




SJP/CIS & SGGP/CIS (CAST IN SLAB) PIT DETAIL GRATE/COVER SUPPORT CAST-INTO PAVEMENT SLAB

(ADOPT IN CONCRETE PAVEMENT FOR SGGP's & SJP's. WHERE PITS ARE LOCATED IN THE CORNER OF SLAB PANELS OR ADJACENT TO SLAB PANEL JOINTS)





SEALED OR GRATED COVER,

REFER SGGP OR SJP DETAIL

REBATE TO SUIT FRAME

CONCRETE PAVEMENT

DOWNSTREAM PIPE"

SJP/CIS & SGGP/CIS (CAST IN SLAB) PIT DETAIL GRATE/COVER SUPPORT CAST-INTO PAVEMENT SLAB

SCALE 1:20

(ADOPT IN CONCRETE PAVEMENTS FOR SGGP's & SJP's, WHERE JOINTS ARE NOT LOCATED WITHIN PROXIMITY OF THE GRATE)

FOR DEVELOPMENT APPLICATION

ISSUED FOR DEVELOPMENT APPLICATION ISSUED FOR INFORMATION 23.09.25 DATE ISSUE AMENDMENTS AMENDMENTS









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SCALE 1:20 AT B1 SIZE SHEET

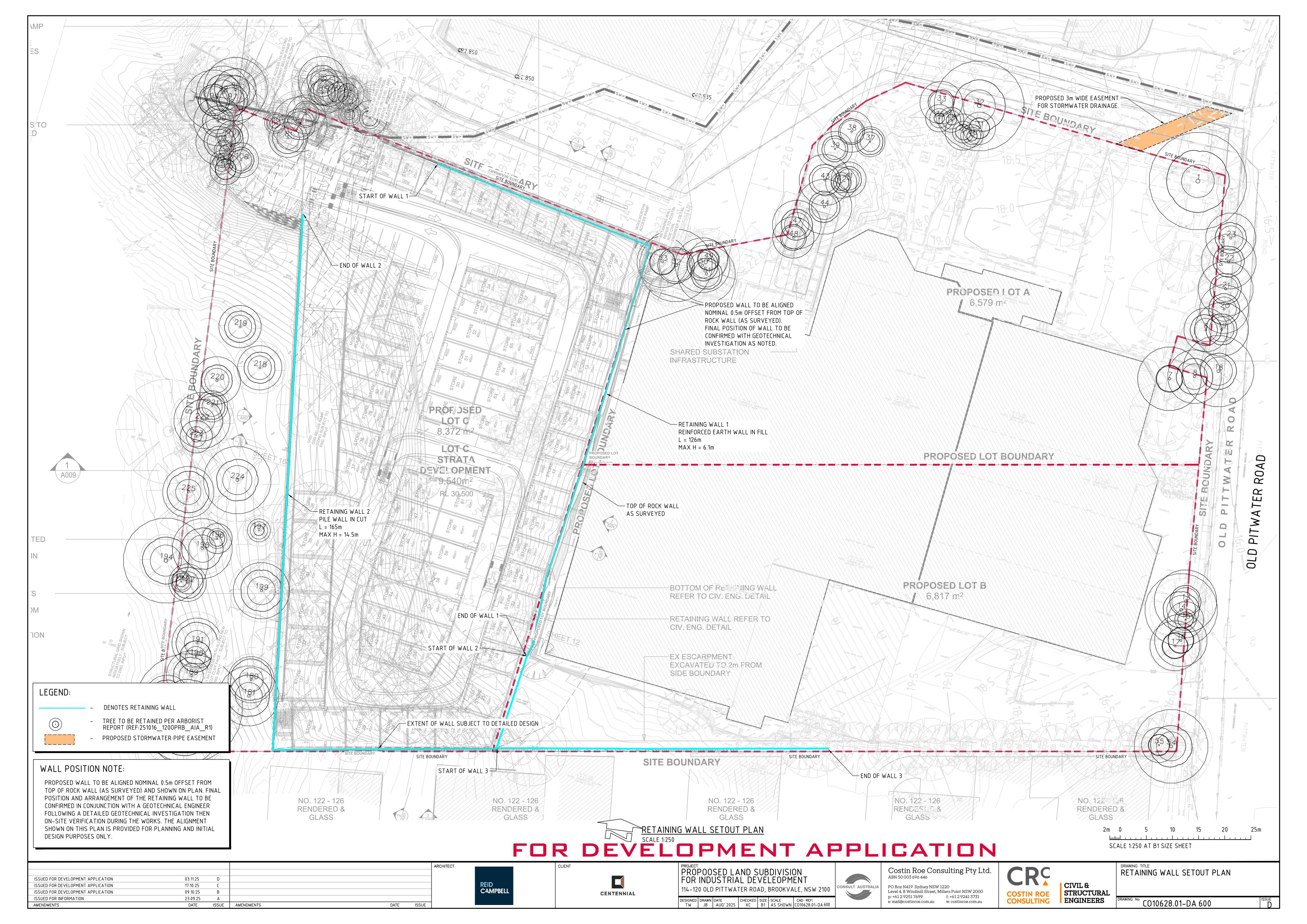
STORMWATER DRAINAGE DETAILS CO10628.01-DA 451

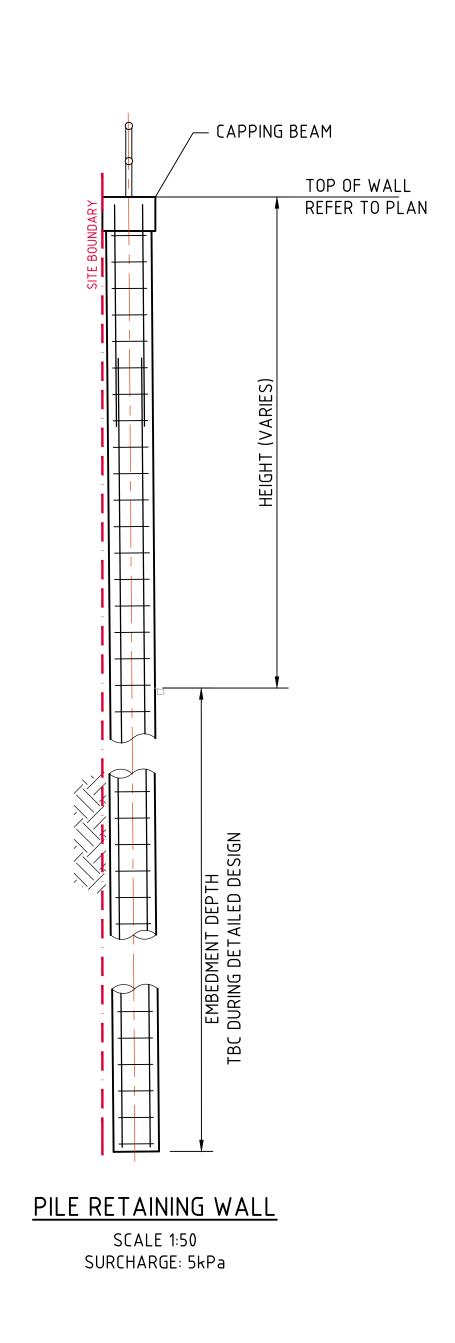
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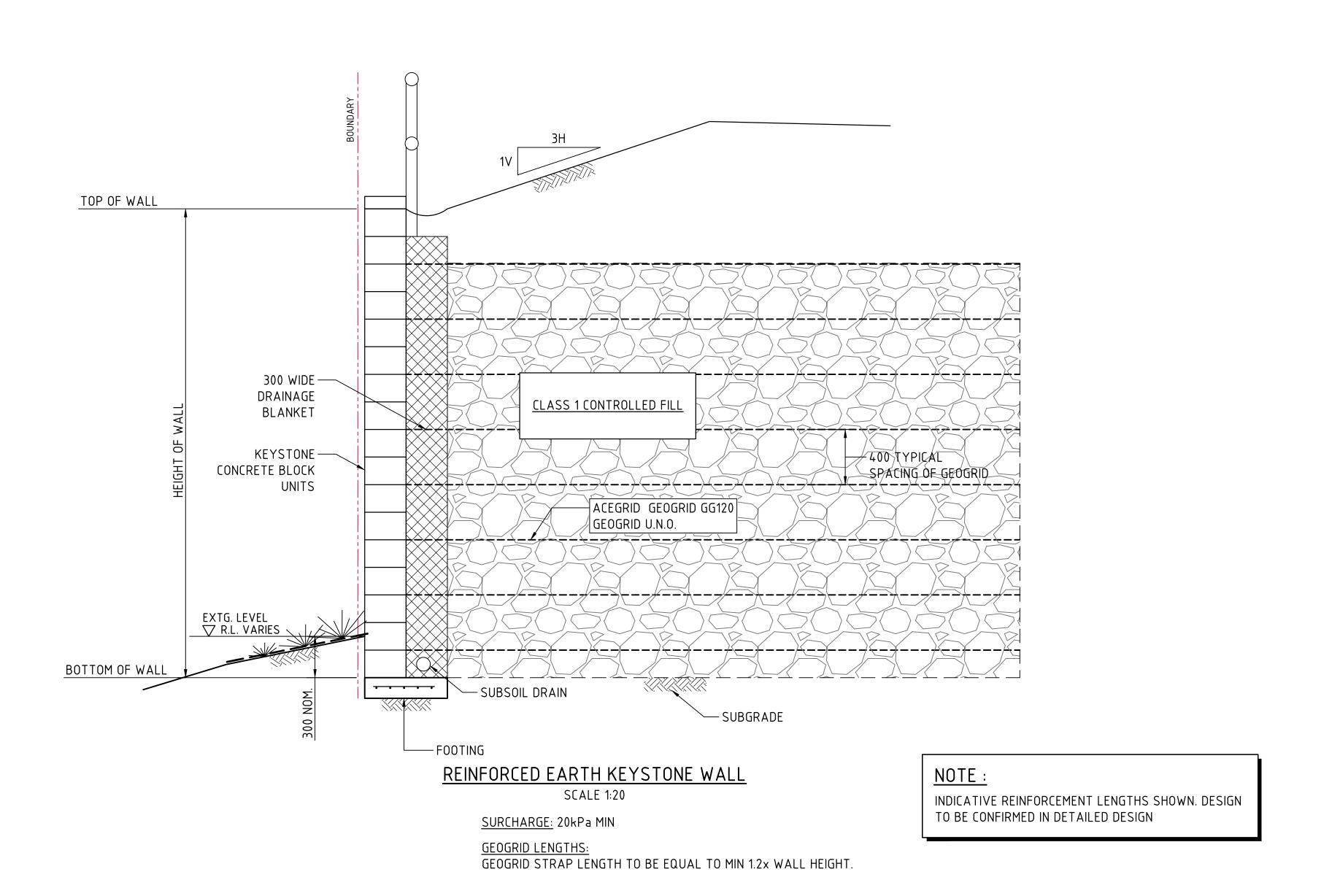
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STRUCTURAL ENGINEERS

NOMINATED LEVEL









09.10.25 B
23.09.25 A
DATE ISSUE AMENDMENTS ISSUED FOR DEVELOPMENT APPLICATION ISSUED FOR INFORMATION AMENDMENTS DATE ISSUE

REID CAMPBELL



PROPOSED LAND SUBDIVISION FOR INDUSTRIAL DEVELEOPMENT DESIGNED DRAWN DATE CHECKED SIZE SCALE CAD REF:
TW JB AUG' 2025 XC B1 AS SHOWN C010628.01-DA 651



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CRC

RETAINING WALL DETAILS

SCALE 1:50 AT B1 SIZE SHEET

SCALE 1:20 AT B1 SIZE SHEET

CO10628.01-DA651

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STRUCTURAL
ENGINEERS