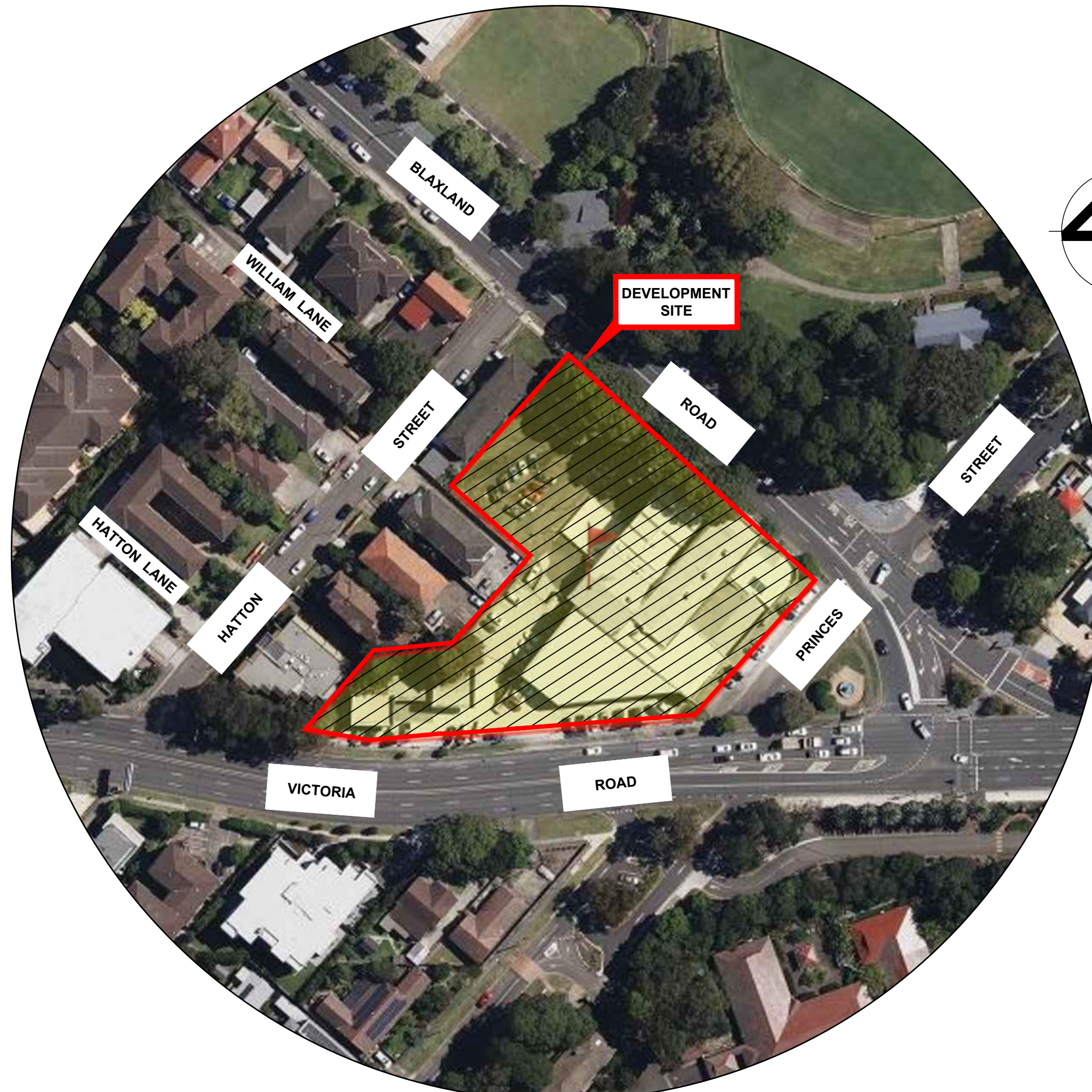


PUBLIC DOMAIN WORKS CIVIL ENGINEERING PLANS FOR DEVELOPMENT APPLICATION 691-695 VICTORIA ROAD, RYDE

GENERAL NOTES.

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH TNSW & RYDE CITY COUNCIL'S DEVELOPMENT ENGINEERING STANDARD UNLESS OTHERWISE NOTED.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S CODE OF PRACTICE FOR EROSION AND SEDIMENTATION, AND MUST BE IMPLEMENTED PRIOR TO THE COMMENCEMENT OF ANY BUILDING OF CIVIL WORKS. THE DEVELOPER IS RESPONSIBLE FOR ONGOING MAINTENANCE OF EROSION AND SILTATION CONTROL MEASURES.
- ALL PUBLIC UTILITIES ARE TO BE CLEARLY IDENTIFIED IN THE FIELD PRIOR TO ANY CIVIL WORKS. TNSW ACCEPTS NO RESPONSIBILITY FOR DAMAGE OR RELOCATION COSTS TO UTILITIES DURING CONSTRUCTION
- SUPERVISING ENGINEER IS TO BE NOTIFIED PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL WORKS ARE CARRIED OUT IN ACCORDANCE WITH WORK HEALTH AND SAFETY ACT 2011.
- PERMISSION TO ENTER, CONSTRUCT WORKS AND DISCHARGE STORMWATER ONTO ADJOINING PROPERTIES IS TO BE OBTAINED AND SUBMITTED TO TNSW/COUNCIL PRIOR TO COMMENCEMENT OF ANY WORKS.
- ALL WORKS AS A RESULT OF THE SUBMITTED PLANS IS TO BE CARRIED OUT TO THE SUPERVISING ENGINEER'S SATISFACTION.
- ANY DISTURBED LANDSCAPING AREA IS TO BE SHAPED AND TURFED. APPROVED TOP SOIL & TURF IS TO BE REINSTATED TO THE SUPERVISING ENGINEER'S SATISFACTION .
- ALL DRAINAGE GRATES TO BE BIKE SAFE TO LOAD TYPE CLASS'D" AS PER AS3996-2006 (LOAD CLASSIFICATION). GRATES TO BE "DURHAM-MEDIUM TRAFFICABLE" OR SIMILAR
- RETAINED TREES TO BE FENCED WITH A 1.8m HIGH CHAINWIRE LINK FENCE FULLY SUPPORTED AT GRADE TO MINIMISE THE DISTURBANCE TO EXIST. GROUND CONDITIONS WITHIN THE CANOPY DRIP LINE. "TREE PROTECTION ZONE" SIGNAGE TO BE ATTACHED TO PROTECTIVE FENCING.
- A ROAD-OPENING PERMIT SHALL BE OBTAINED FOR WORKS IN THE ROAD RESERVE PRIOR TO COMMENCEMENT OF WORK IN THE ROAD RESERVE.
- ALL REDUNDANT LINE MARKING SHALL BE GRINDED OFF THE PAVEMENT AND APPROVED LINE MARKING FROM COUNCIL AND/OR RMS SHALL BE REFLECTIVE WHITE THERMOPLASTIC OR SIMILAR.
- SERVICES SHOWN ON THIS PLAN HAVE BEEN LOCATED FROM INFORMATION SUPPLIED FROM THE RELEVANT AUTHORITIES VIA A "DIAL BEFORE YOU DIG" ENQUIRY DURING DESIGN. THE LOCATION OF SERVICES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED AS ACCURATELY AS POSSIBLE FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES. A NEW "DIAL BEFORE YOU DIG" ENQUIRY MUST BE CARRIED OUT TO VERIFY SERVICE LOCATIONS JUST PRIOR TO CONSTRUCTION. NEW ENQUIRIES MAY BE DONE ONLINE AT WWW.1100.COM.AU OR TEL 1100.
- NO CONCRETE SHALL BE POURED PRIOR THE EXCAVATION AND FORMWORK HAVE BEEN INSPECTED FROM A QUALIFIED AND PRACTICING CIVIL ENGINEER.
- CERTIFICATION FROM PRACTICING ENG TO BE SUBMITTED TO TNSW/COUNCIL



LOCALITY PLAN

N.T.S.

DRAWING INDEX

Drawing No.	DESCRIPTION	Rev
C000	GENERAL NOTES, LOCALITY PLAN & DRAWING SCHEDULE	C
C100	SITE PLAN	C
C101	CIVIL WORKS LAYOUT PLAN	C
C301	PUBLIC LANEWAY LONGITUDINAL SECTION	B
C302	KERB RETURNS LONGITUDINAL SECTIONS	C
C401	PUBLIC LANEWAY CROSS SECTIONS SHEET 1 OF 2	C
C402	PUBLIC LANEWAY CROSS SECTIONS SHEET 2 OF 2	B
C501	TYPICAL CROSS SECTIONS	C
C601	CONSTRUCTION NOTES AND DETAILS SHEET	C

DANGER :

LOCATION OF ALL EXISTING UNDERGROUND SERVICES SHOWN ARE APPROXIMATE AS TAKEN OFF DBYD INFO. EXTREME CAUTION TO BE EXERCISED WHEN WORKING IN THE VICINITY OF AND AROUND THESE SERVICES. PLEASE CALL THE RELEVANT AUTHORITIES TWO DAYS PRIOR TO CONSTRUCTION FOR A MORE EXACT LOCATION OF THE EXISTING SERVICES.

IT IS THE CONTRACTOR RESPONSIBILITY TO CONTACT "DIAL BEFORE YOU DIG" FOR THE LOCATION OF EXISTING PUBLIC UTILITIES, PRIOR TO EXCAVATION.

DISCLAIMER

ALL INFRASTRUCTURE INFORMATION (MAINS, SEWER, PIPES ETC.) IS DERIVED FROM DIAL BEFORE YOU DIG RECORDS.

EVERY EFFORT WAS MADE TO ENSURE ACCURACY OF THESE RECORDS WHEN COMPILED.

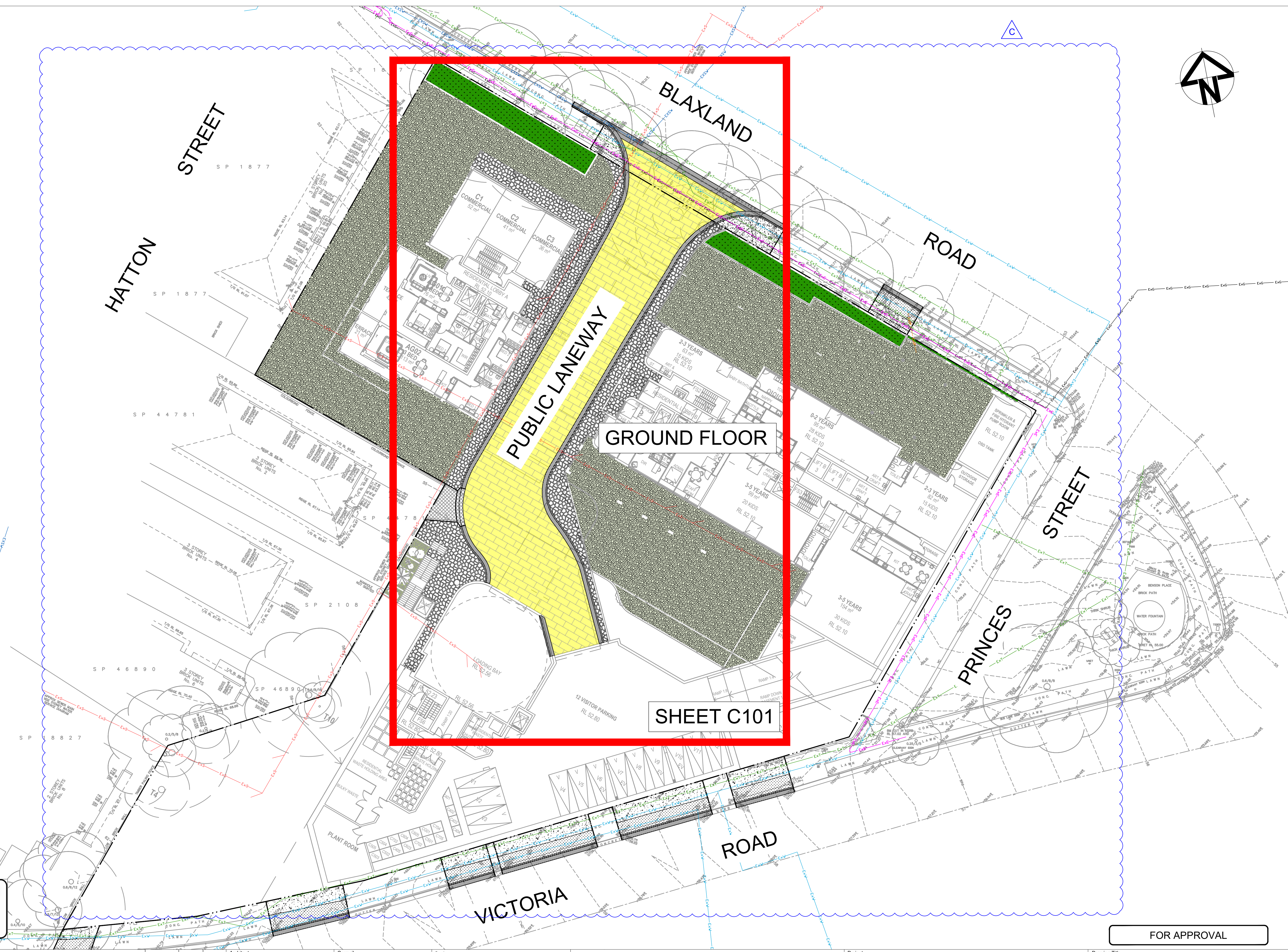
NO WARRANTY IS GIVEN TO CURRENCY OF DEPTHS AND LEVELS DUE TO THE POSSIBILITY OF SUBSEQUENT ALTERATION OF LEVELS THROUGH FILLING OR EXCAVATION. USERS OF THE INFORMATION IN THIS DRAWING/DESIGN SHOULD TAKE ALL REASONABLE STEPS TO VERIFY THE RELEVANT INFORMATION BEFORE COMMENCING EXCAVATING OR CONSTRUCTION WORK.

ENGINEERING SERVICES GROUP (ESG) CONSULTING PTY LTD TAKE NO RESPONSIBILITY FOR APPARENT ERRORS OR INACCURACIES IN THE INFORMATION PROVIDED.

FOR APPROVAL



					Architect CDArchitects Level2, 60 Park Street, Sydney, NSW 2000 P: 02 9267 2000 W: www.cdarchitects.com.au	Council TfNSW & RYDE CITY COUNCIL	Scale  CIVIL & STORMWATER ENGINEERING SERVICES PTY LTD ABN: 27 644 422 506 Shop 1, 143-147 Parramatta Road, Concord, NSW 2137 P:(02) 8397 6500 E:info@esgconsult.com.au	Project 691-695 VICTORIA ROAD, RYDE PUBLIC DOMAIN WORKS CIVIL ENGINEERING PLANS DEVELOPMENT APPLICATION	Drawing Title GENERAL NOTES, LOCALITY PLAN AND DRAWING SCHEDULE
C	ISSUE FOR DEVELOPMENT APPLICATION	15/05/2025	M.Y.C.	M.C.O.					
B	ISSUE FOR DEVELOPMENT APPLICATION	05/05/2025	M.Y.C.	M.C.O.					
A	ISSUE FOR DEVELOPMENT APPLICATION	27/09/2024	J.A.H.	M.C.O.					
Issue	Description	Date	Design	Manager					
1	0	1cm at full size	10cm	20cm					



NOTE:
ALL EXISTING SERVICES TO BE
ADJUSTED TO MATCH
PROPOSED SURFACE LEVELS.

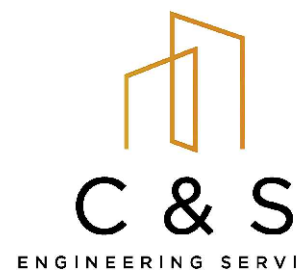


Issue	Description	Date	Design	Manager
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B	ISSUE FOR DEVELOPMENT APPLICATION	05/05/2025	M.Y.C.	M.C.O.
A	ISSUE FOR DEVELOPMENT APPLICATION	27/09/2024	J.A.H.	M.C.O.

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Scale



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Project
**691-695 VICTORIA ROAD, RYDE
PUBLIC DOMAIN WORKS
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

Drawing Title
SITE PLAN

Scale	A1	Project No.	Dwg. No.	Issue
N.T.S.		230266	C100	C

	LOT BOUNDARY
	PROPOSED KERB & GUTTER
	PROPOSED DISH DRAIN
	PROPOSED CONTROL LINE
	PROPOSED DESIGN CONTOURS
	PROPOSED OUTDOOR SPACE
	PROPOSED STORMWATER PIPE

LOT BOUNDARY

PROPOSED KERB & GUTTER

PROPOSED DISH DRAIN

PROPOSED CONTROL LINE

PROPOSED DESIGN CONTOURS

PROPOSED OUTDOOR SPACE

PROPOSED STORMWATER PIPE

PROPOSED DRIVEWAY

PROPOSED CONCRETE FOOTPATH

PROPOSED PAVED FOOTPATH

PROPOSED PAVERS

PROPOSED TREES

PROPOSED DESIGN SURFACE LEVEL

PROPOSED VERGE

PROPOSED KERB INLET PIT

PROPOSED BUTTERFLY PIT

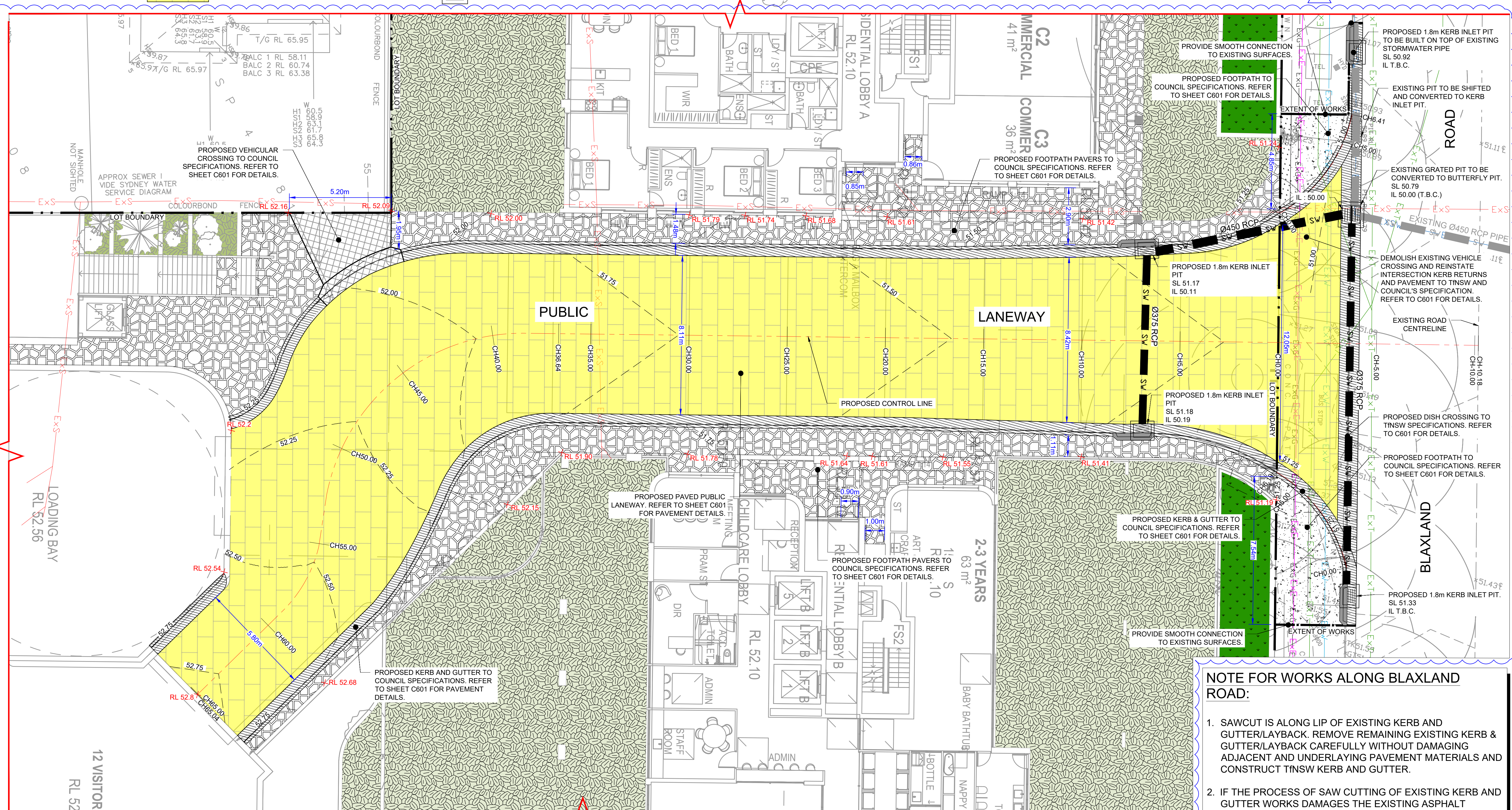
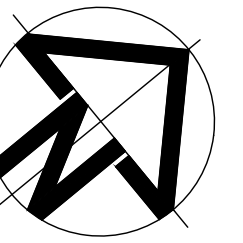
The diagram illustrates a road cross-section with the following features from top to bottom:

- EXISTING ROAD CENTRELINE**: Indicated by a horizontal line at the top.
- EXISTING KERB & GUTTER**: Indicated by a horizontal line below the centreline.
- EXISTING CONTOUR**: Indicated by a horizontal line below the kerb and gutter.
- EXISTING TREES TO BE REMOVED**: Represented by two cloud-like shapes with a central dot, located below the existing contour line.
- EXISTING TREES TO BE RETAINED**: Represented by two cloud-like shapes with a central dot, located below the trees to be removed.

Additional details include:

- A dimension line on the left side of the diagram, spanning the distance between the existing kerb and gutter and the existing contour, labeled **30.00**.
- A label **Ex. K&G** is placed near the top left, with horizontal lines pointing towards the existing kerb and gutter.

— ExT —	EXISTING TELSTRA MAIN
— ExE —	EXISTING ELECTRICAL MAIN
— ExG —	EXISTING GAS MAIN
— ExSW —	EXISTING STORMWATER DRAINAGE
— ExS —	EXISTING SEWER MAIN
— ExW —	EXISTING WATER MAIN



1. SAWCUT IS ALONG LIP OF EXISTING KERB AND GUTTER/LAYBACK. REMOVE REMAINING EXISTING KERB & GUTTER/LAYBACK CAREFULLY WITHOUT DAMAGING ADJACENT AND UNDERLAYING PAVEMENT MATERIALS AND CONSTRUCT TINSW KERB AND GUTTER.
2. IF THE PROCESS OF SAW CUTTING OF EXISTING KERB AND GUTTER WORKS DAMAGES THE EXISTING ASPHALT WEARING SURFACE, PARTICULARLY THE LEADING EDGE, THE ROAD WILL NEED TO BE MILLED AND RESURFACED.
3. ANY DAMAGED PAVEMENT ON THE SUBJECT SITE FRONTAGE WILL NEED TO BE MILLED AND RESURFACED.



NOTE:
ALL EXISTING SERVICES TO BE
ADJUSTED TO MATCH
PROPOSED SURFACE LEVELS.

[illegible]

Architect

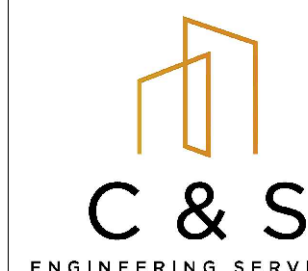
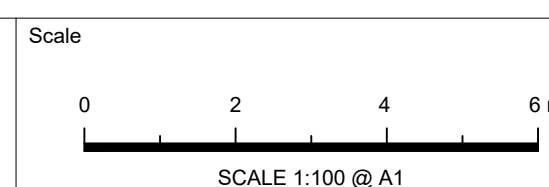
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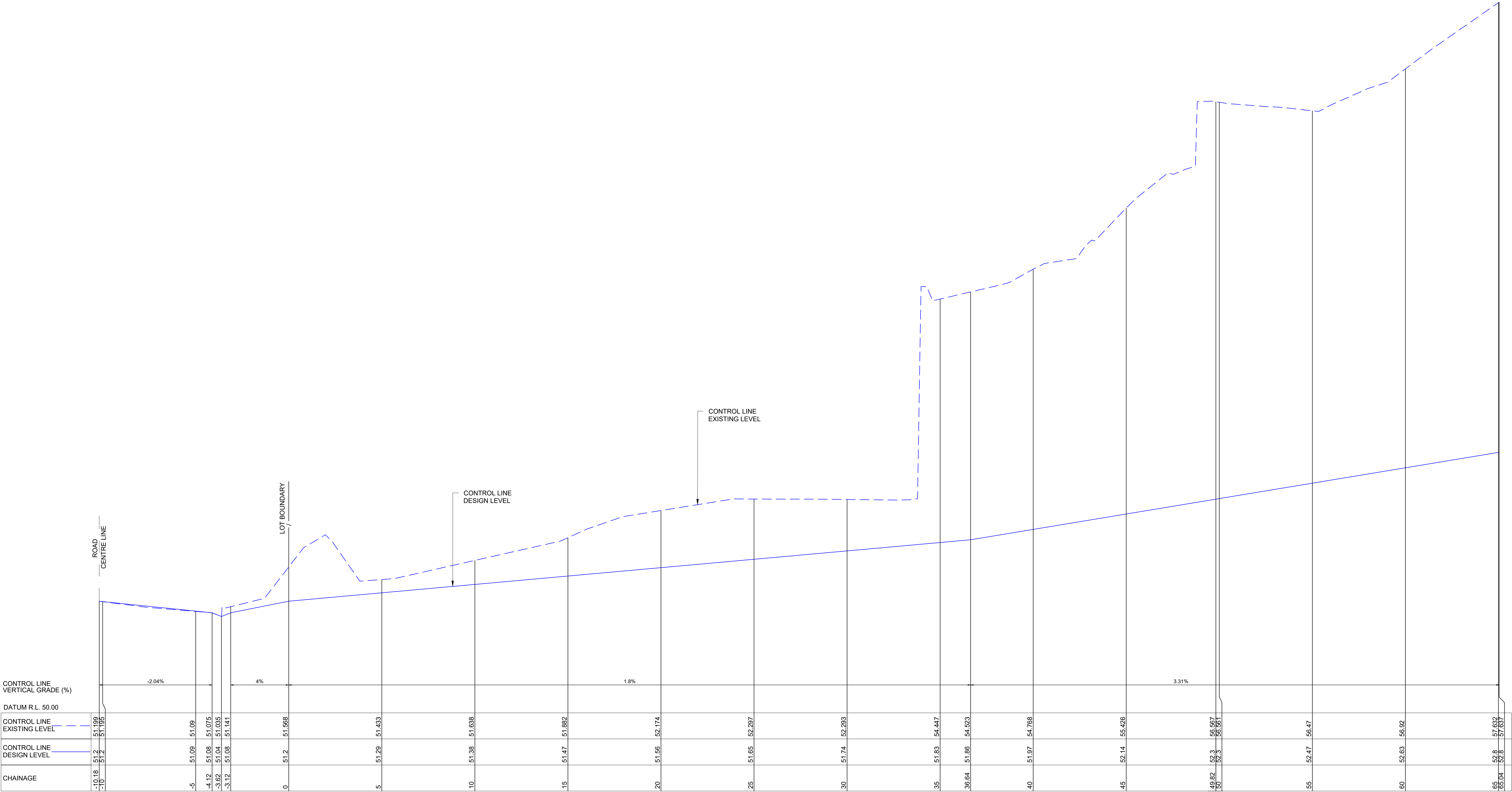
	Project
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691-695 VICTORIA ROAD, RYDE
PUBLIC DOMAIN WORKS
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION

Drawing Title

CIVIL WORKS LAYOUT PLAN

Scale 1:100	A1	Project No. 230266	Dwg. No. C101	Issue C
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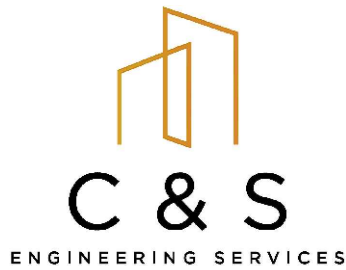
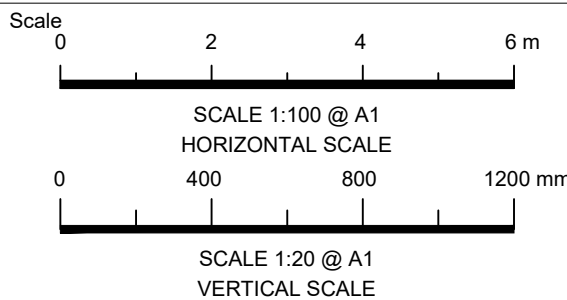
PUBLIC LANEWAY - CONTROL LINE LONGITUDINAL SECTION

SCALE (H) 1:100
(V) 1:20

B	ISSUE FOR DEVELOPMENT APPLICATION	05/05/2025	M.Y.C.	M.C.O.
A	ISSUE FOR DEVELOPMENT APPLICATION	27/09/2024	J.A.H.	M.C.O.
Issue	Description	Date	Design	Manager
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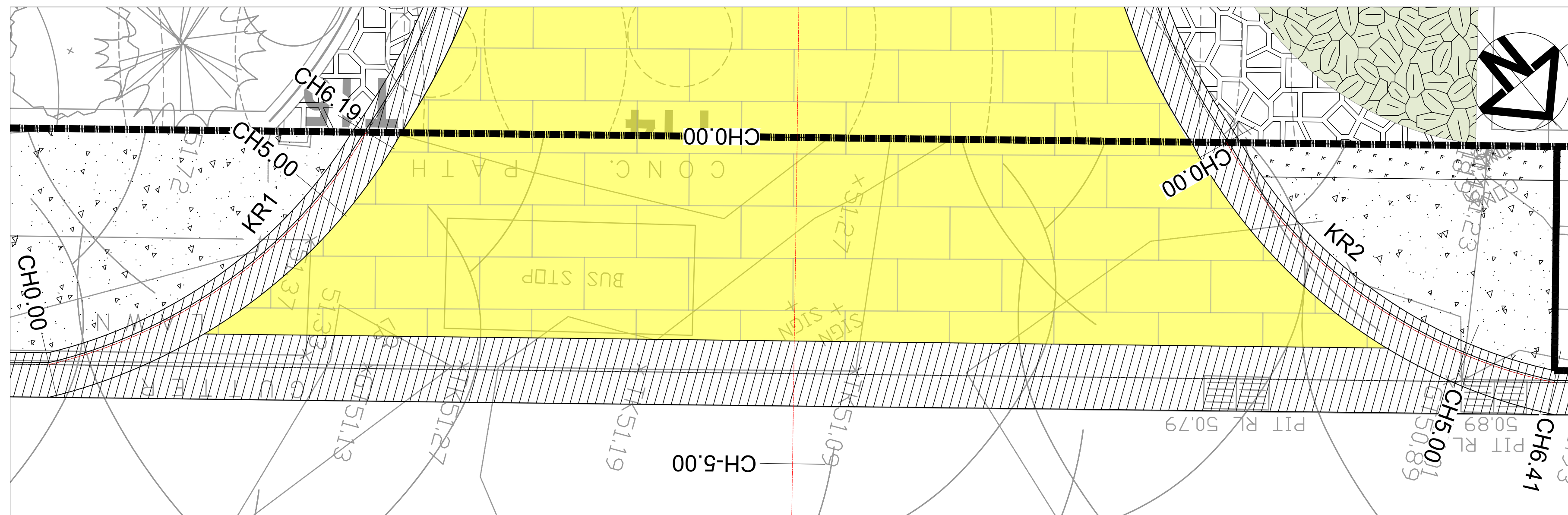
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Project
**691-695 VICTORIA ROAD, RYDE
PUBLIC DOMAIN WORKS
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

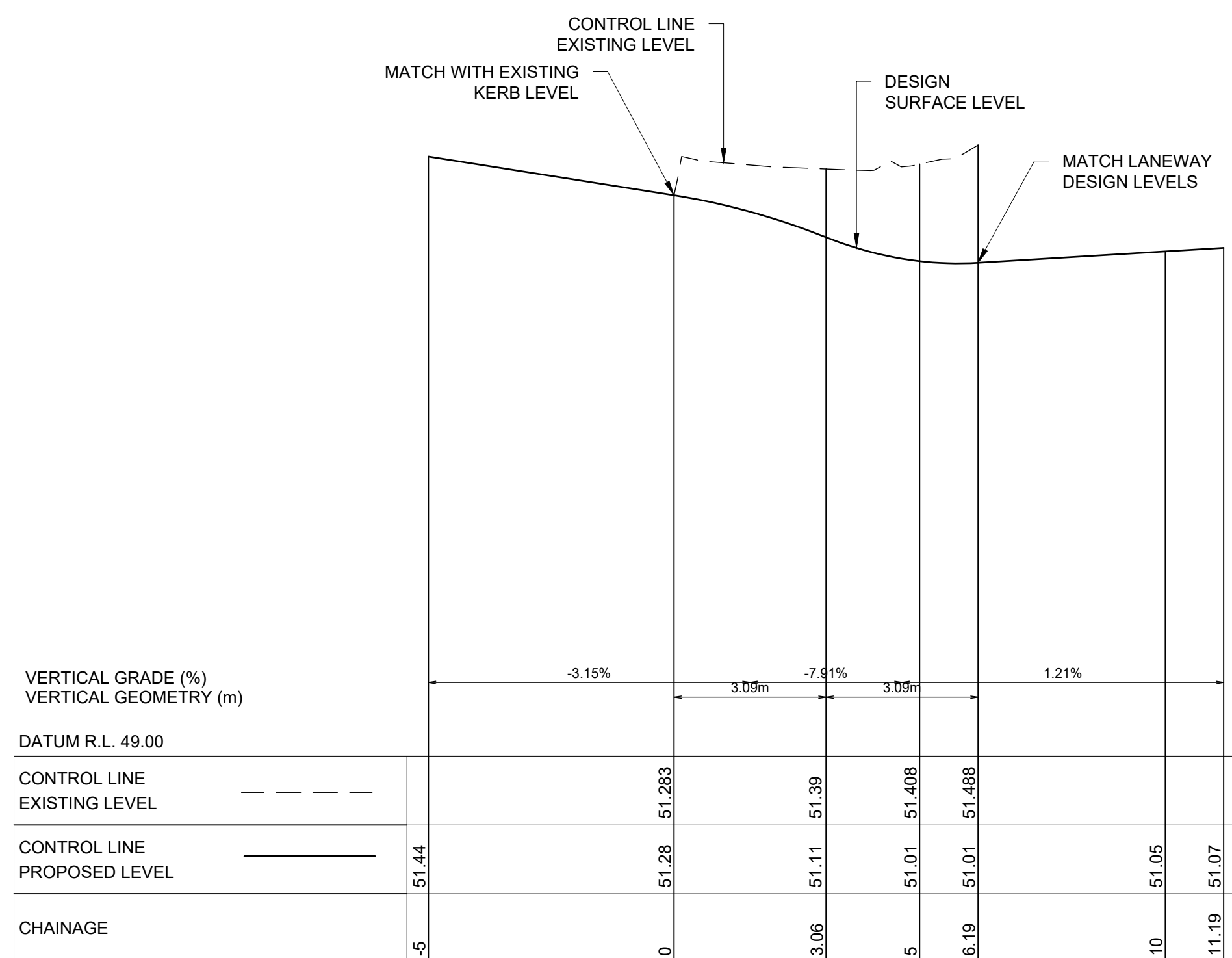
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**PUBLIC LANEWAY
LONGITUDINAL SECTION**

Scale	A1	Project No.	Dwg. No.	Issue
AS SHOWN		230266	C301	B

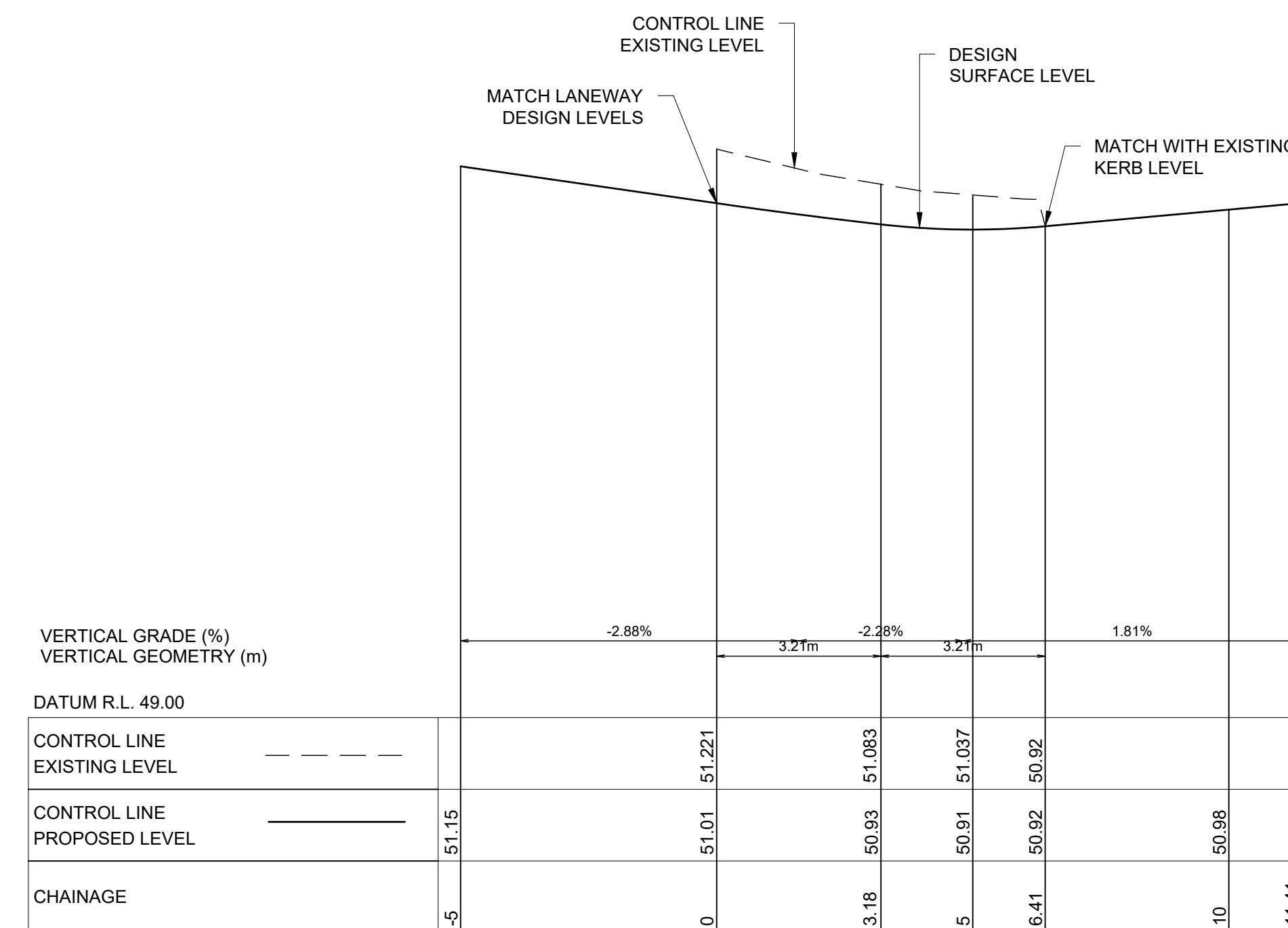
FOR APPROVAL



KERB RETURNS - PLAN VIEW
SCALE 1:50



KERB RETURN 1 - LONGITUDINAL SECTION
SCALE (H) 1:100
(V) 1:20



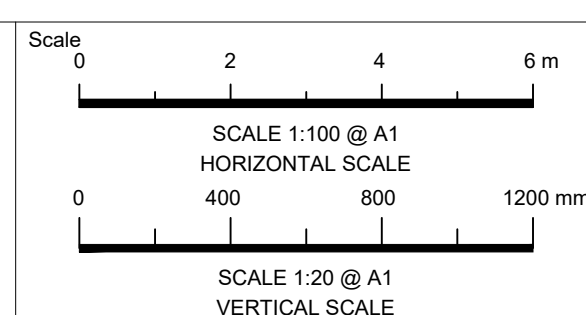
KERB RETURN 2 - LONGITUDINAL SECTION
SCALE (H) 1:100
(V) 1:20

FOR APPROVAL

Issue	Description	Date	Design	Manager
C	ISSUE FOR DEVELOPMENT APPLICATION	15/05/2025	M.Y.C.	M.C.O.
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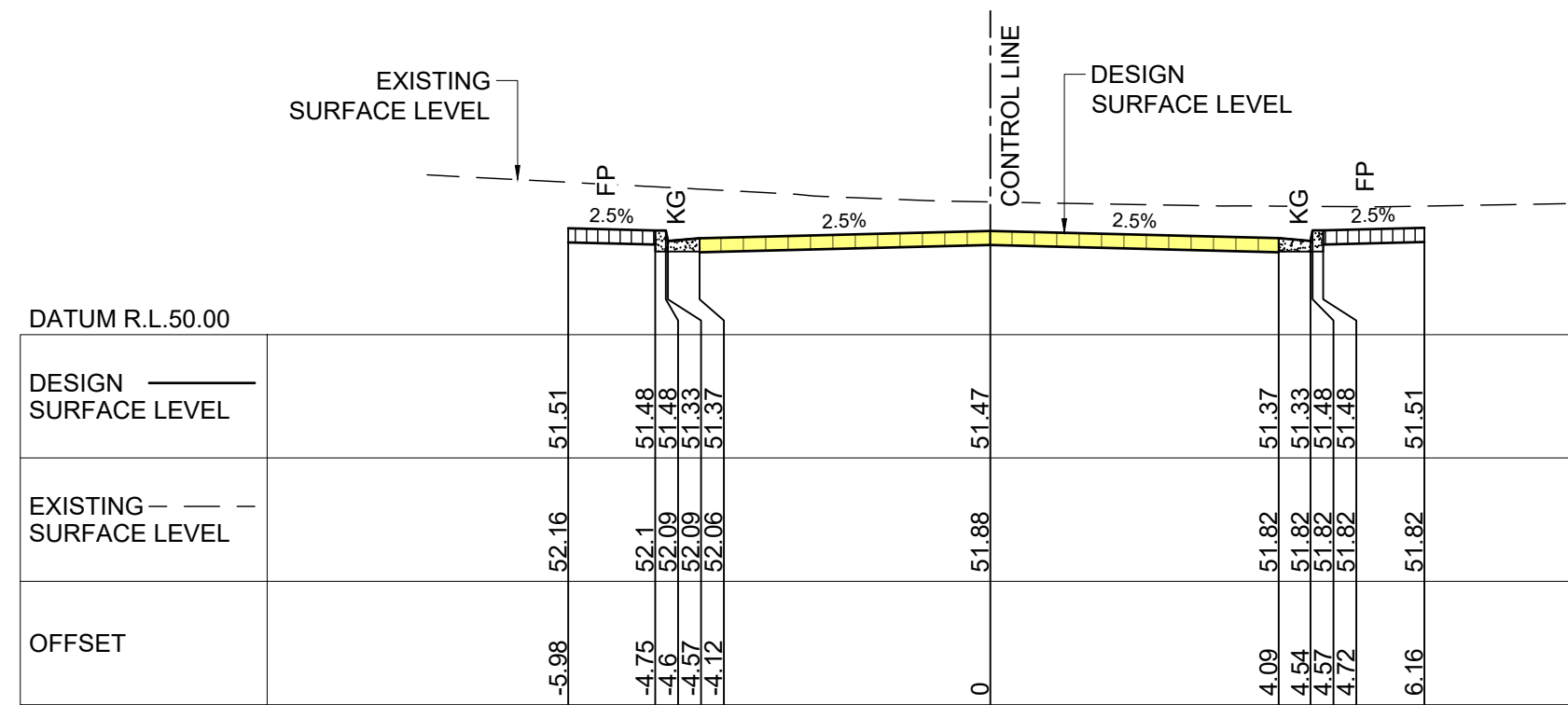


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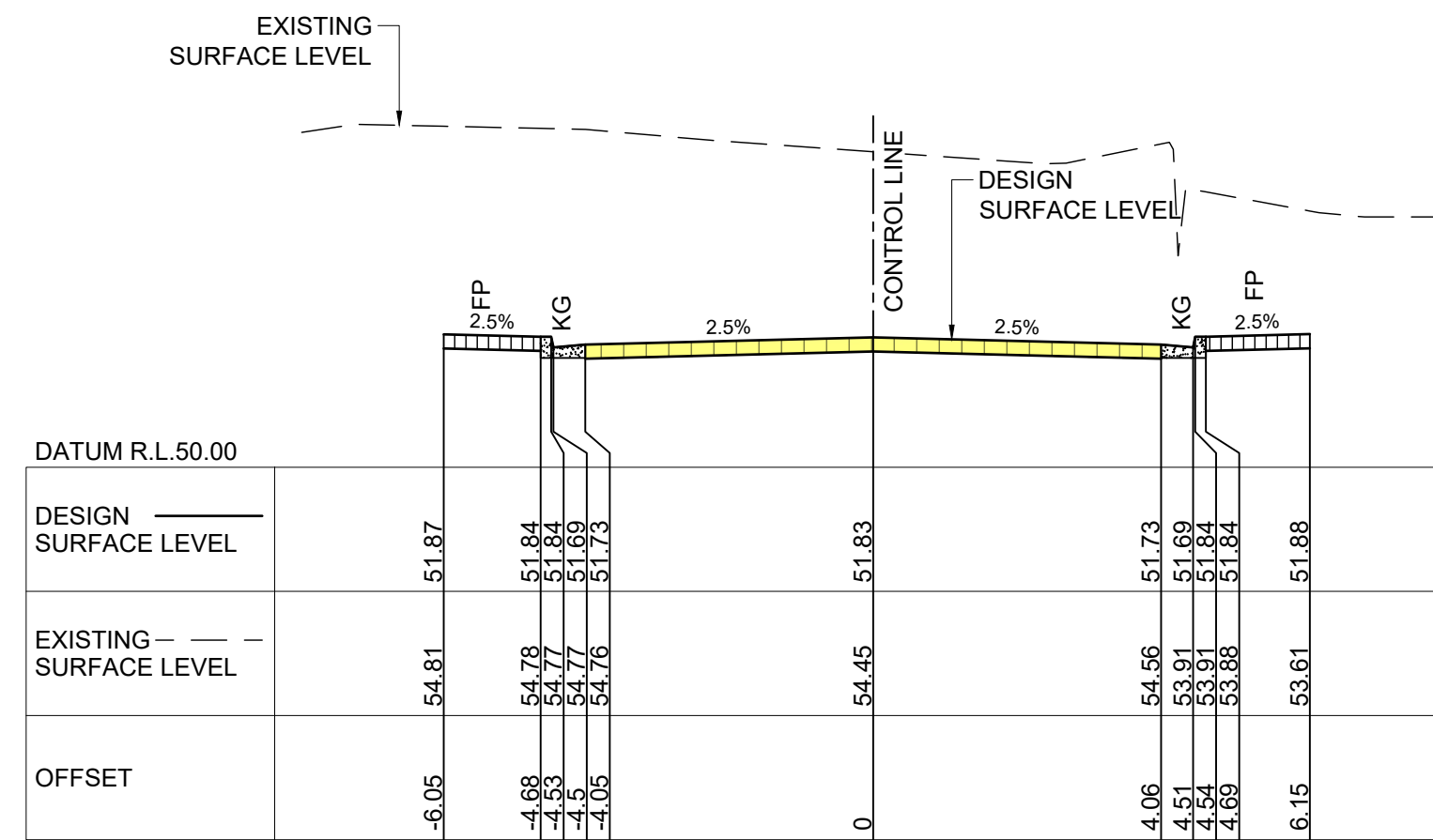
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**691-695 VICTORIA ROAD, RYDE
PUBLIC DOMAIN WORKS
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

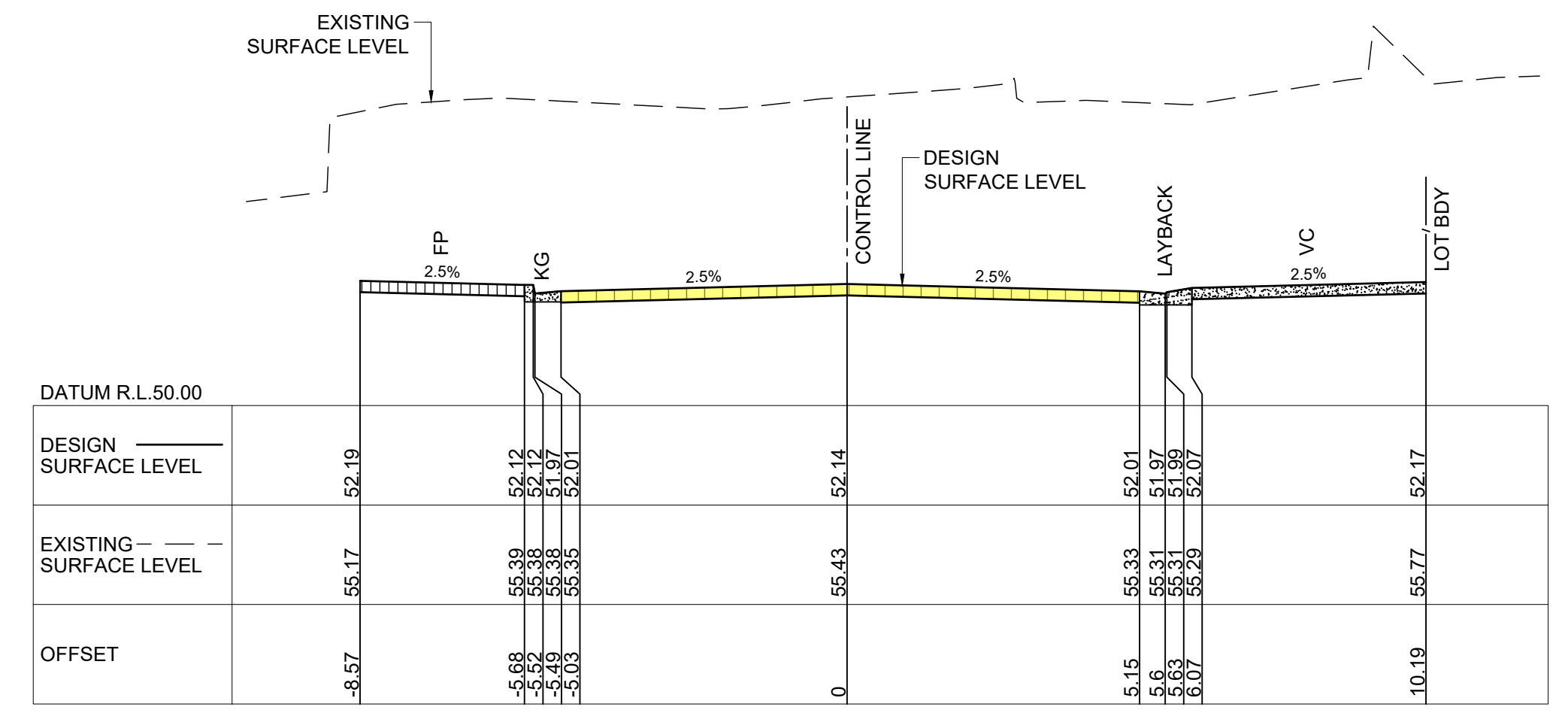
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Scale	A1 AS SHOWN	Project No. 230266	Dwg. No. C302
			Issue C



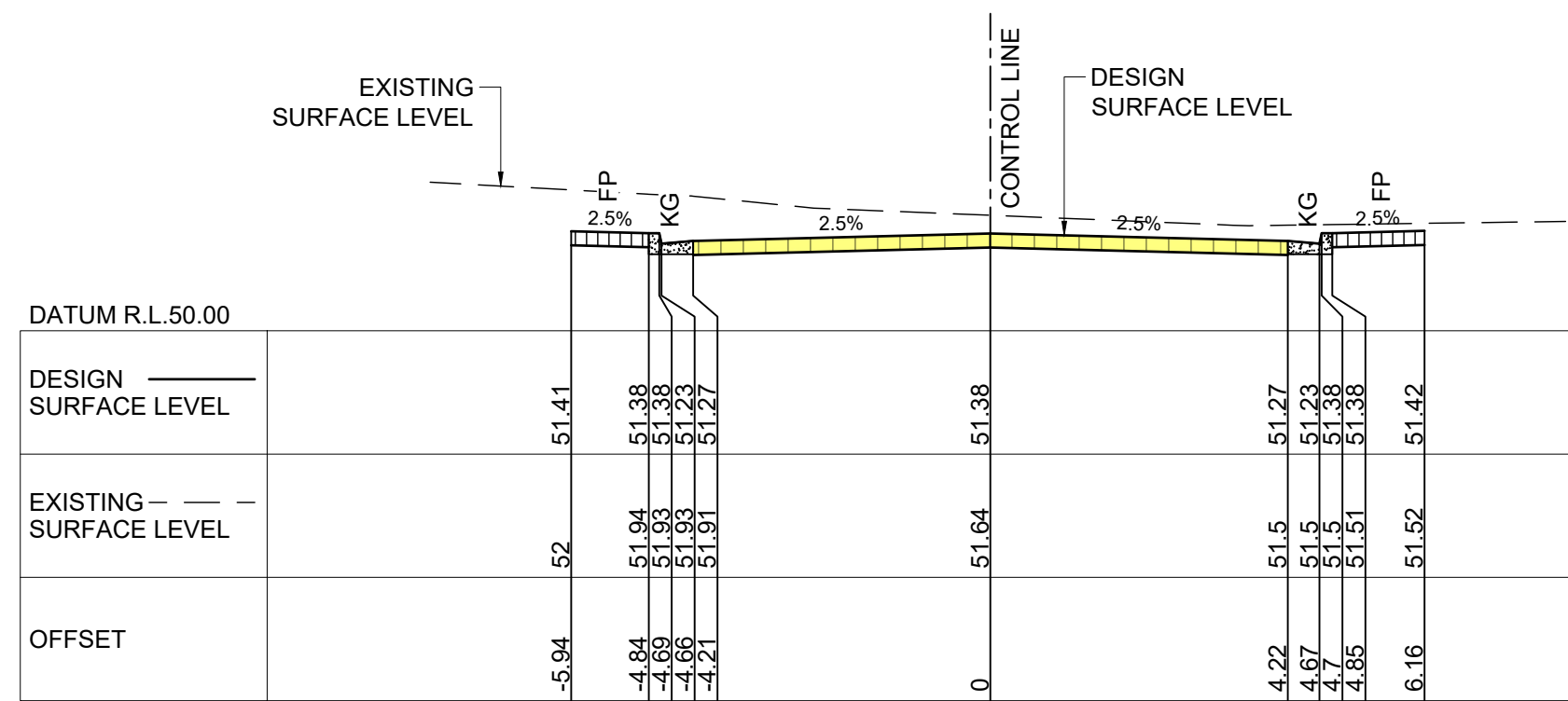
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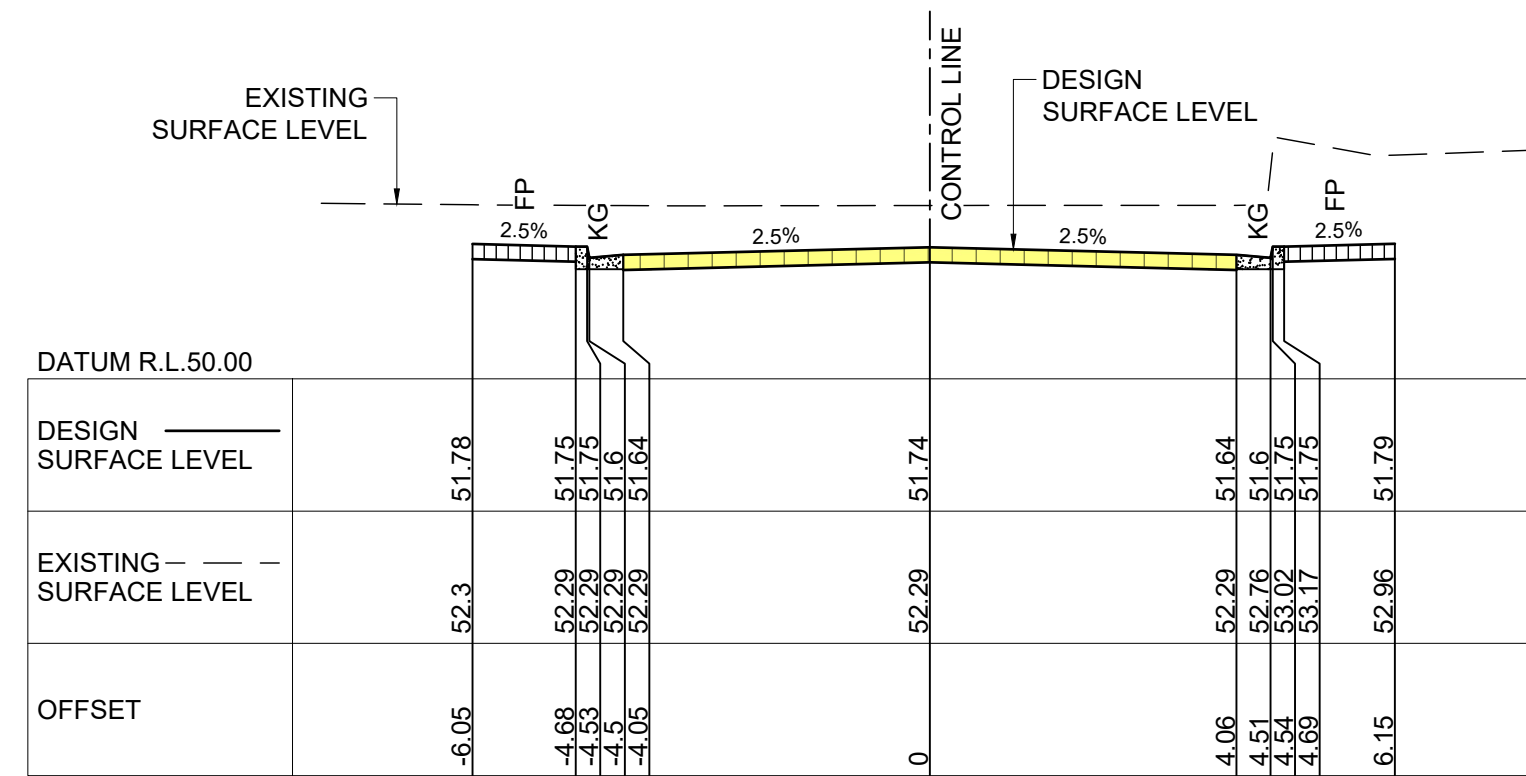
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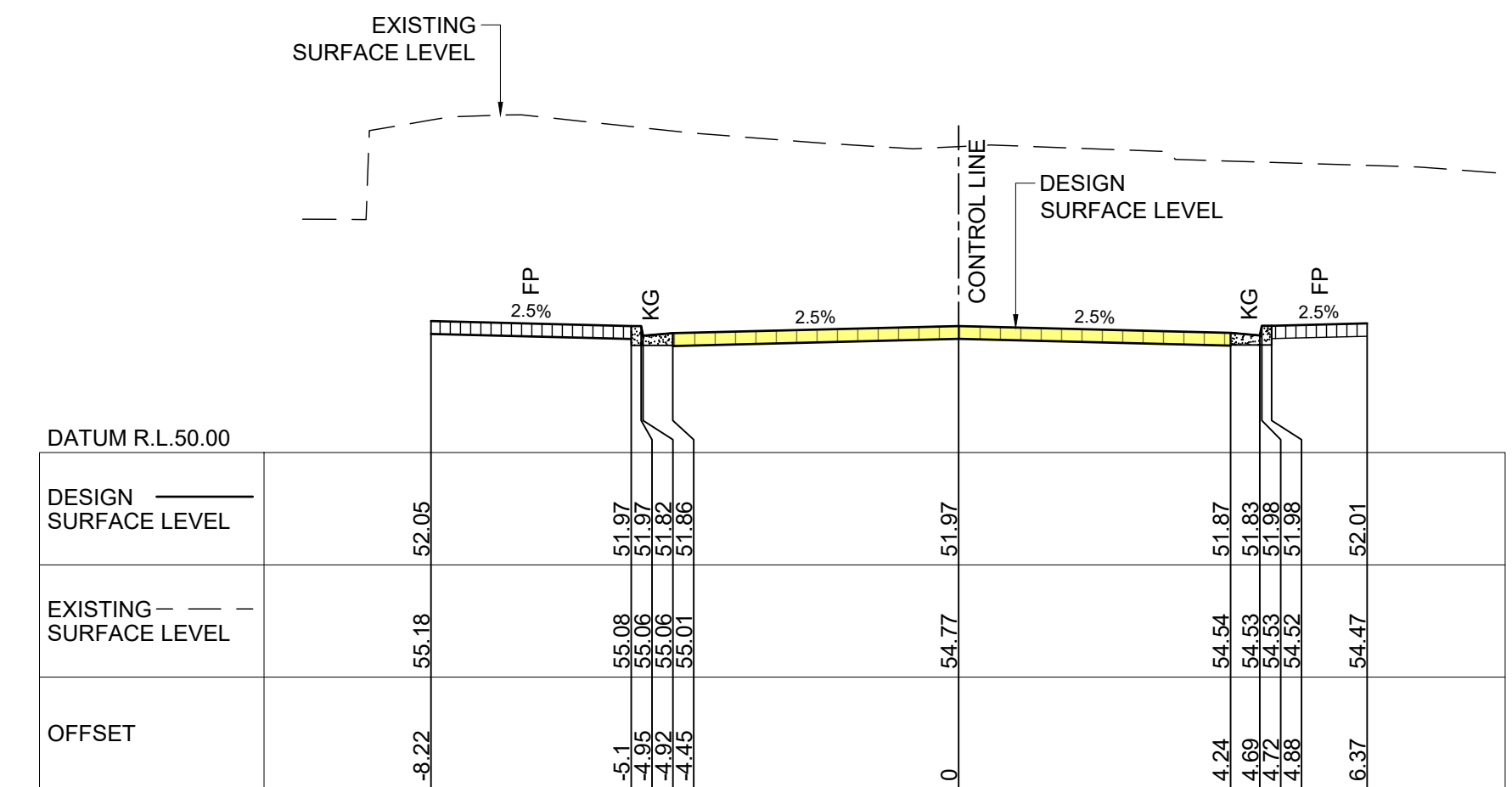
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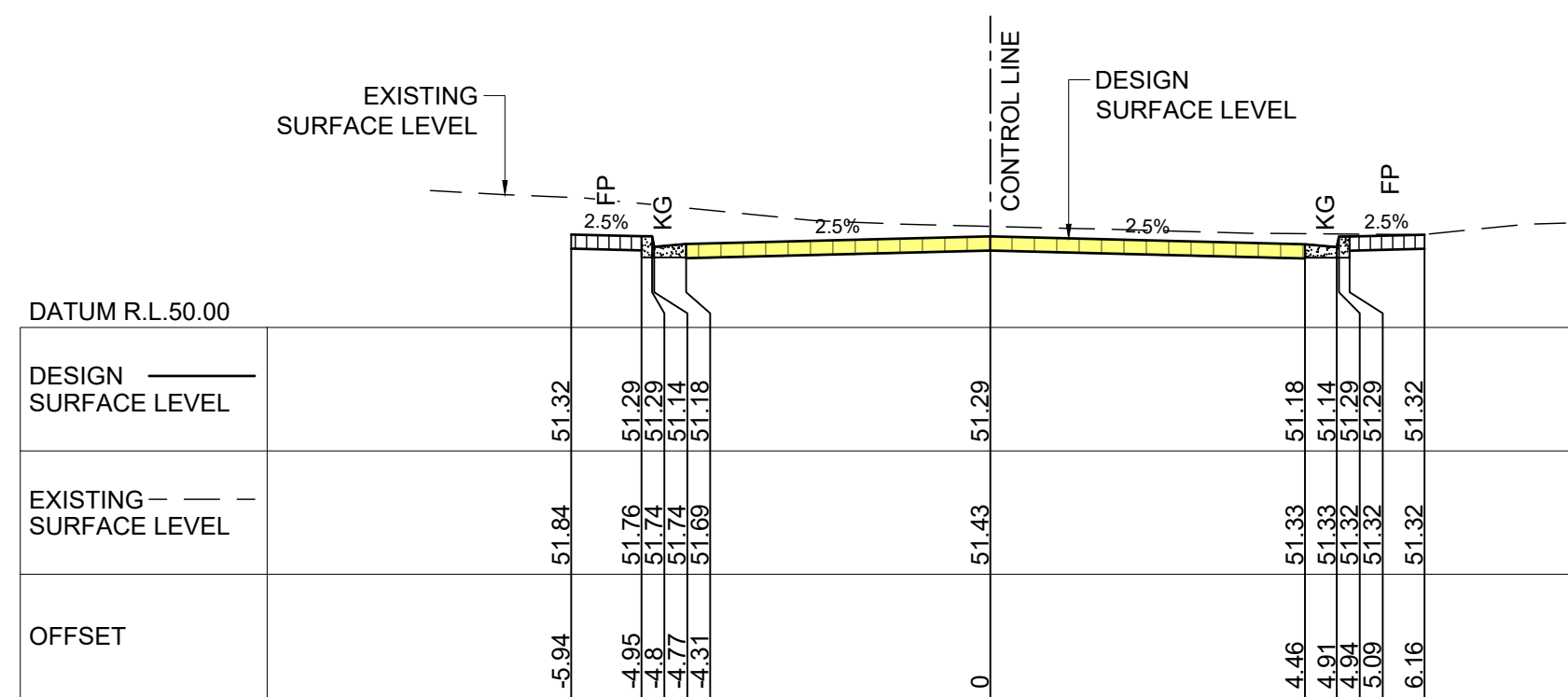
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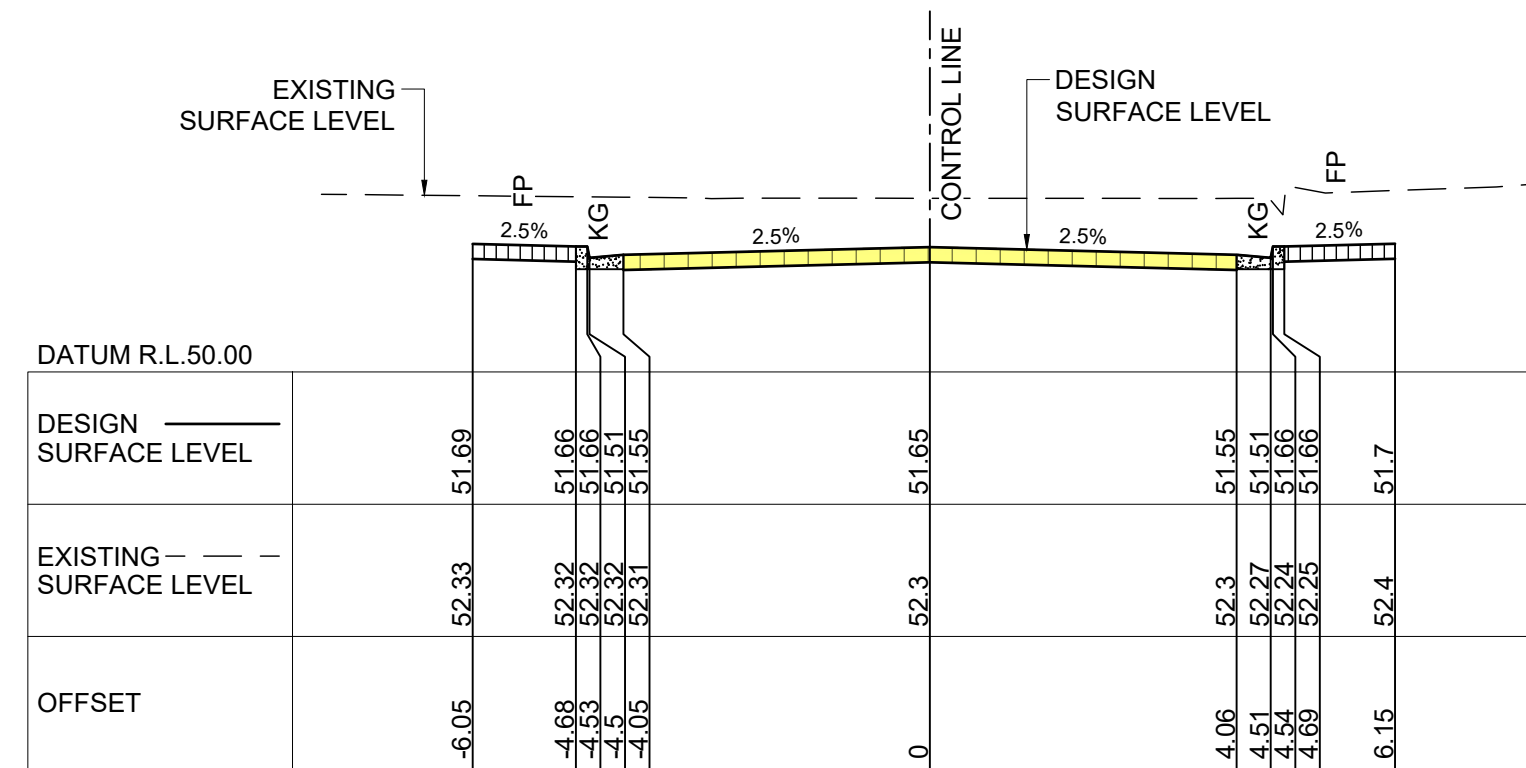
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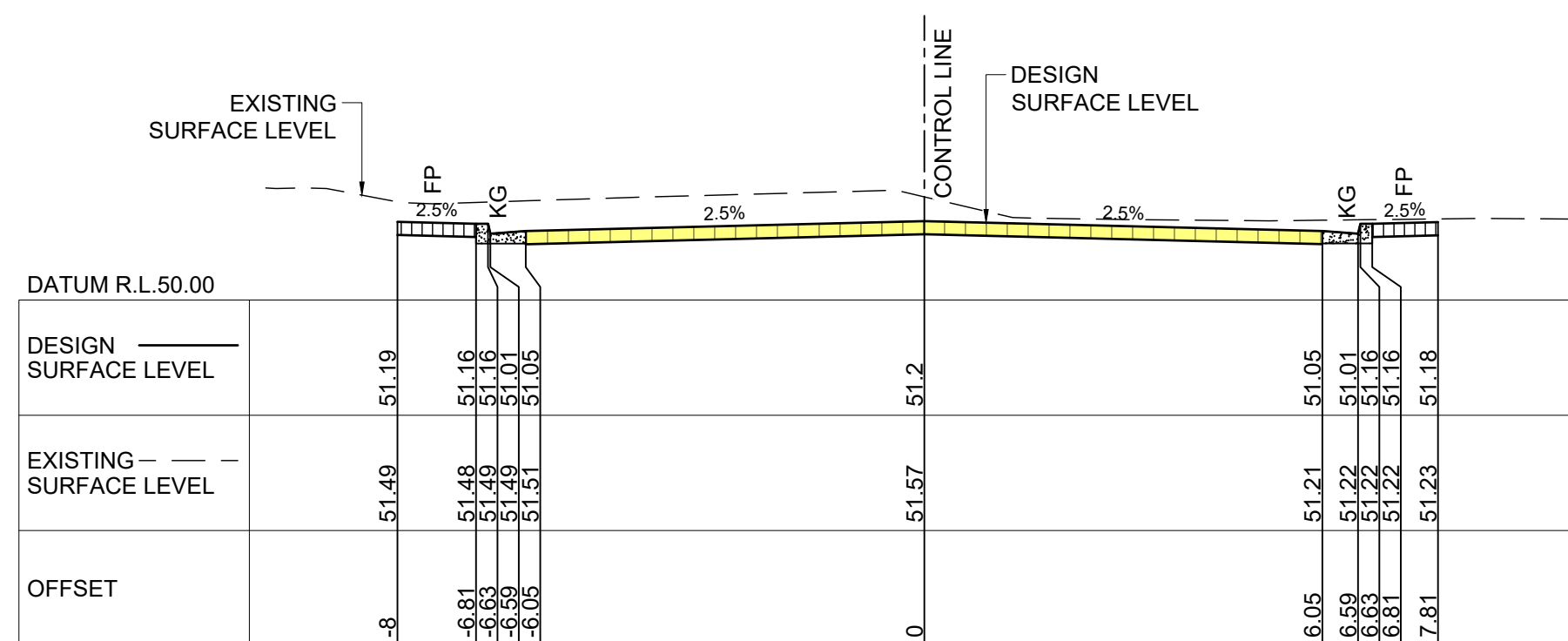
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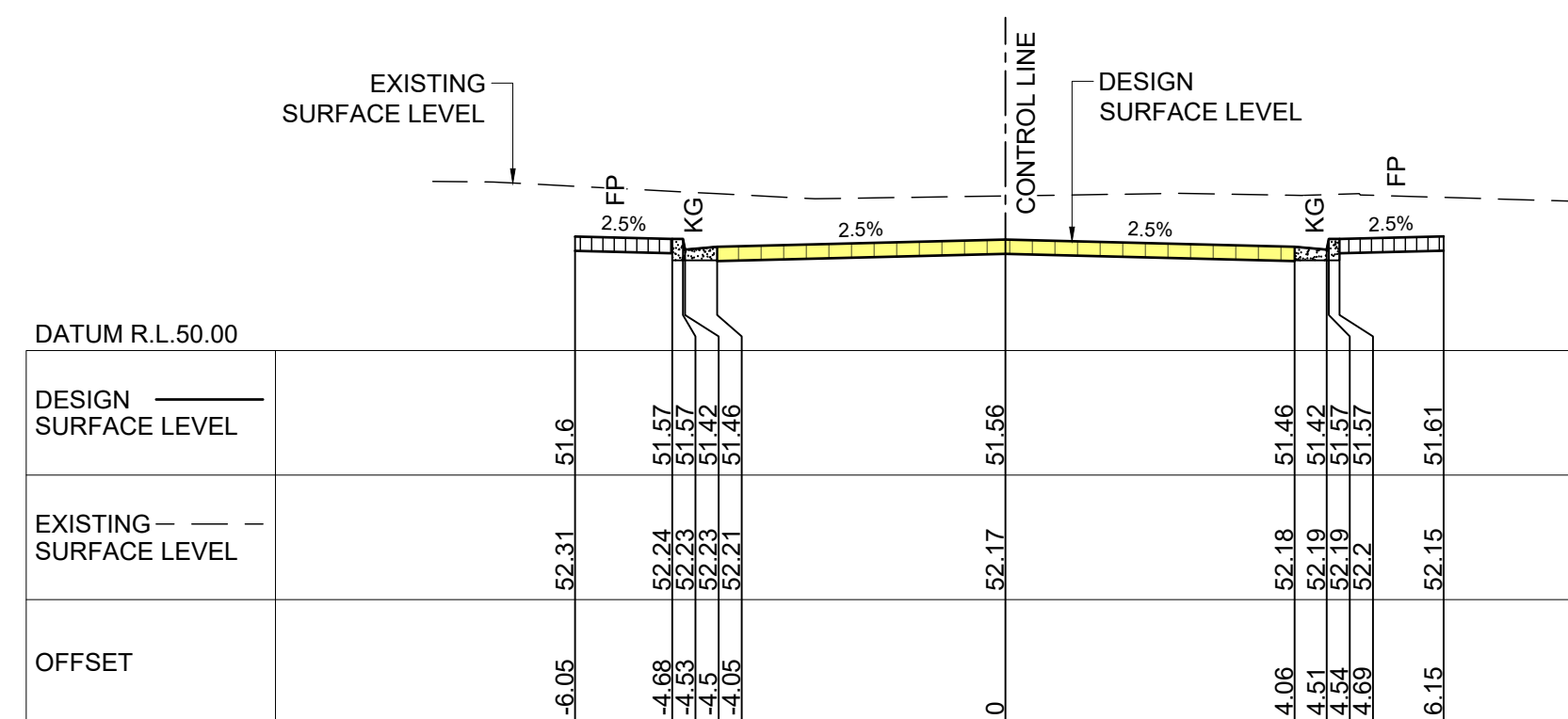
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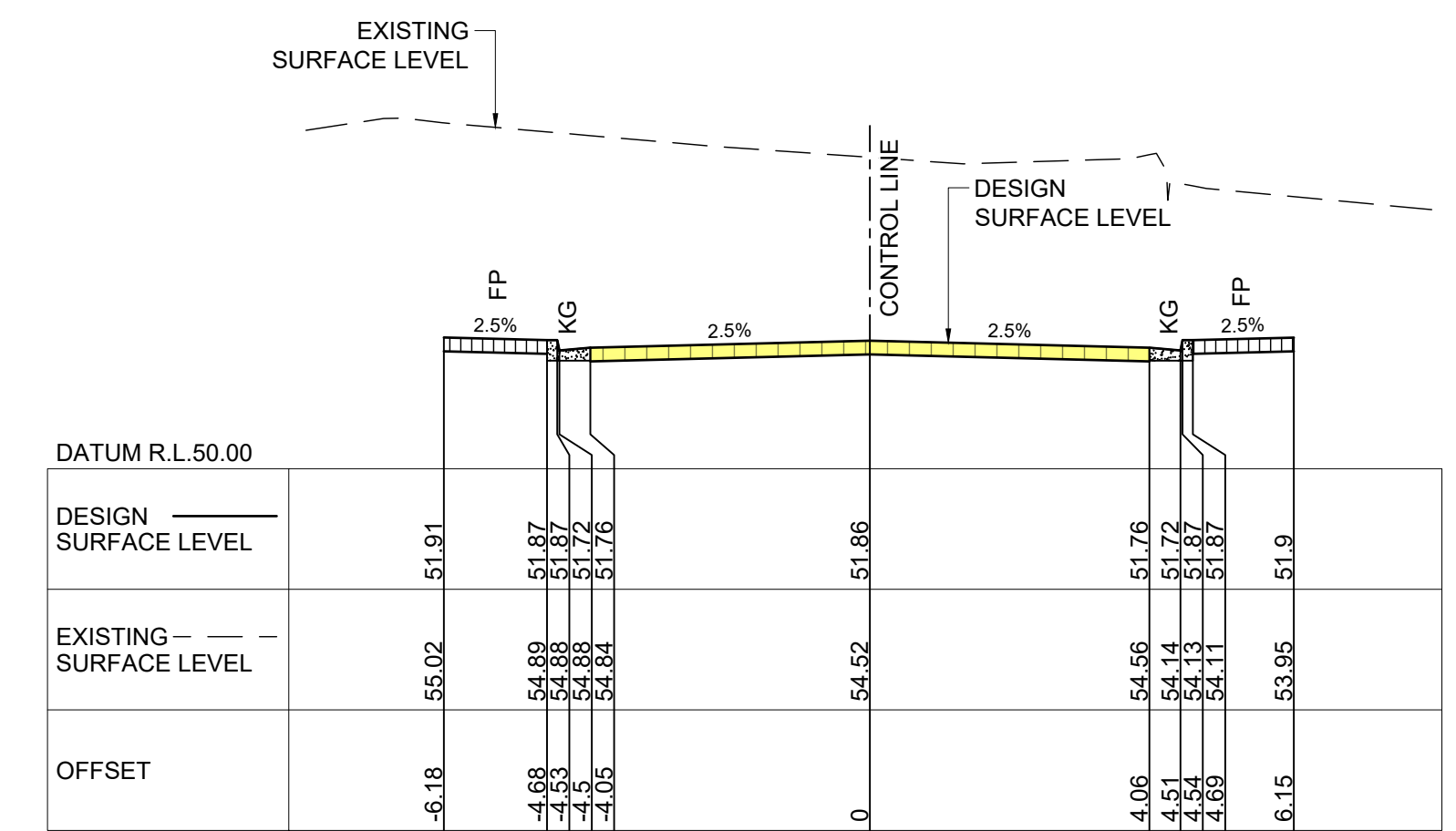
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CH. 0.00 - LOT BOUNDARY



CH. 20.00



CH. 36.64

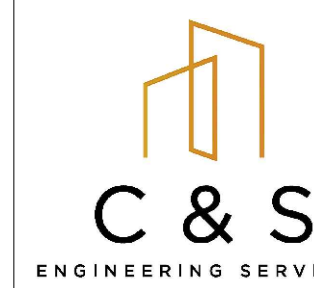
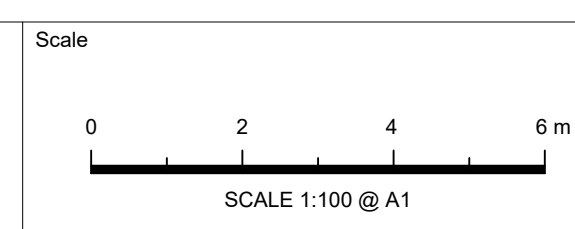
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Issue	Description	Date	Design	Manager
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A	ISSUE FOR DEVELOPMENT APPLICATION	27/09/2024	J.A.H.	M.C.O.

1 0 10m at full size 10m 20m

Architect
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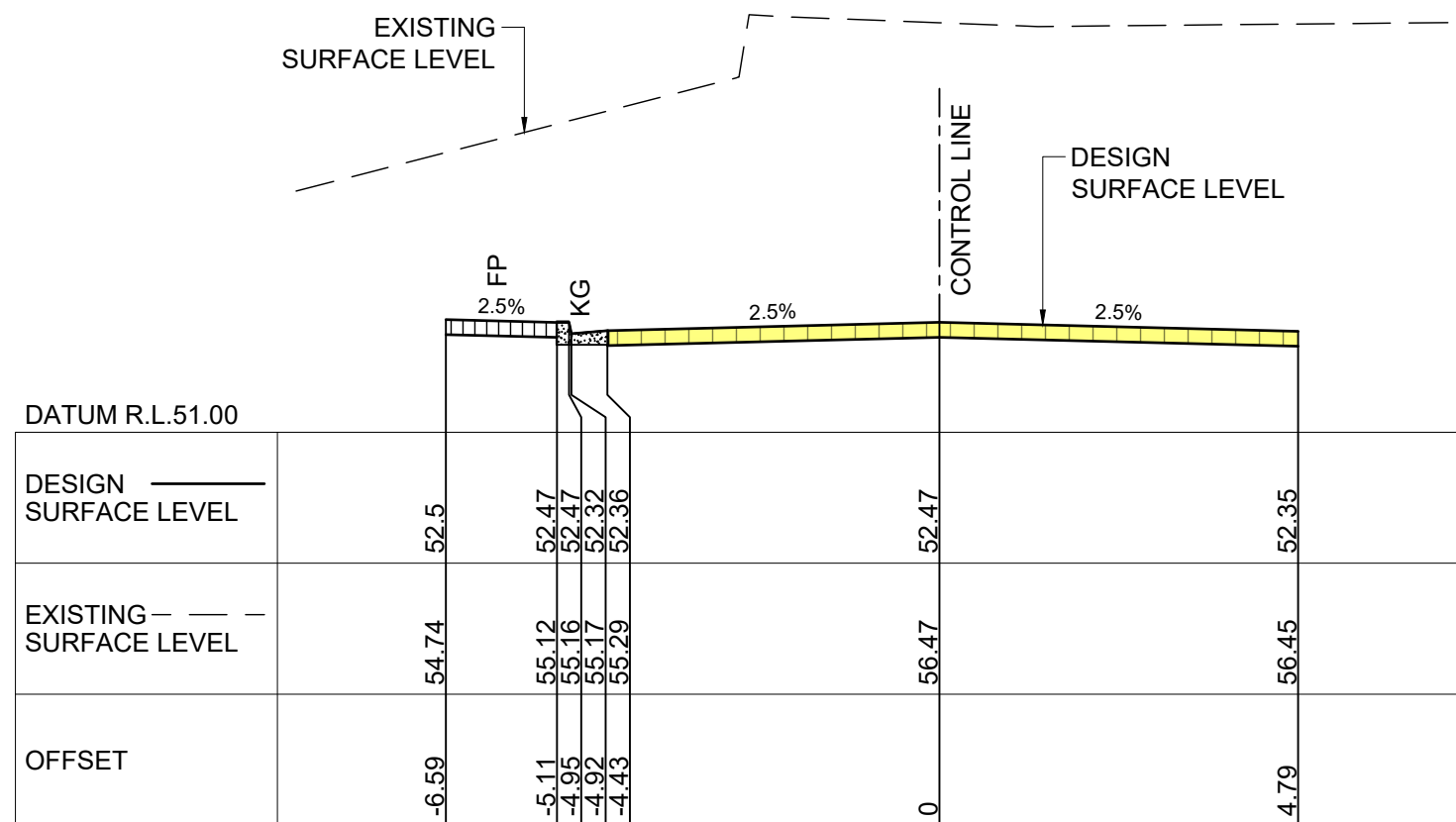
Council
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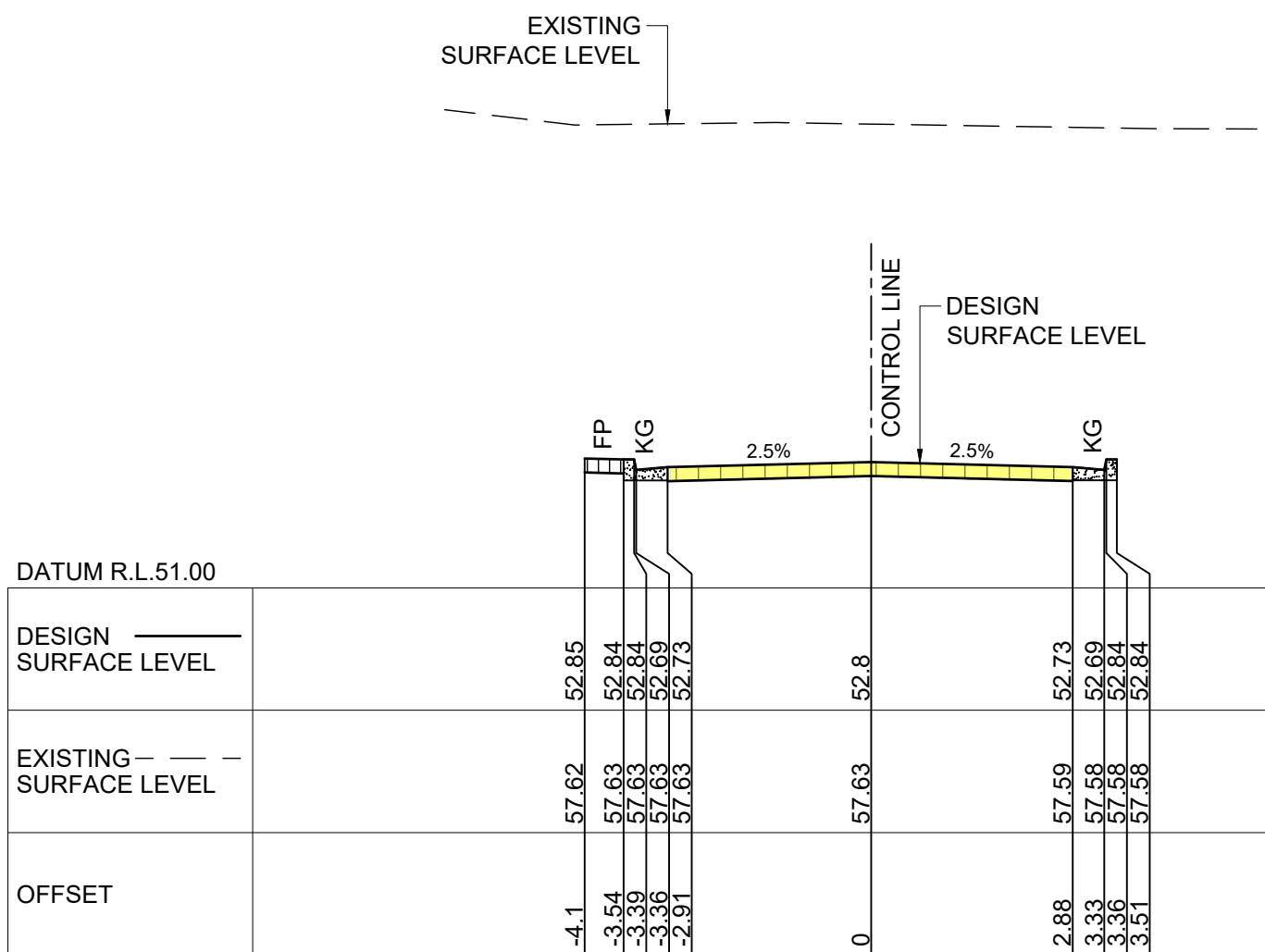
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Project
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PUBLIC DOMAIN WORKS
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

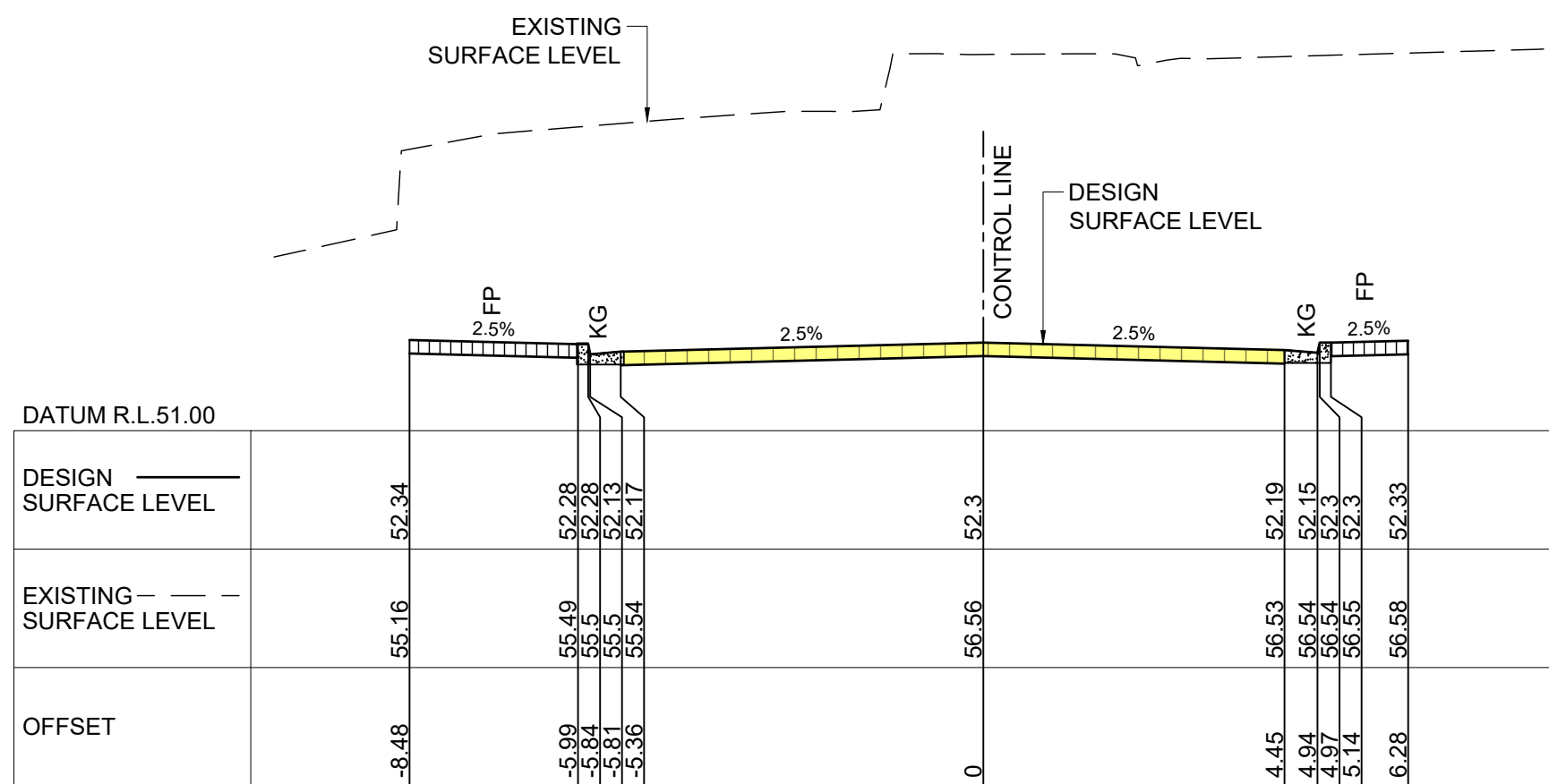
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PUBLIC LANEWAY CROSS SECTIONS SHEET 1 OF 2	1:100		230266	C401	C



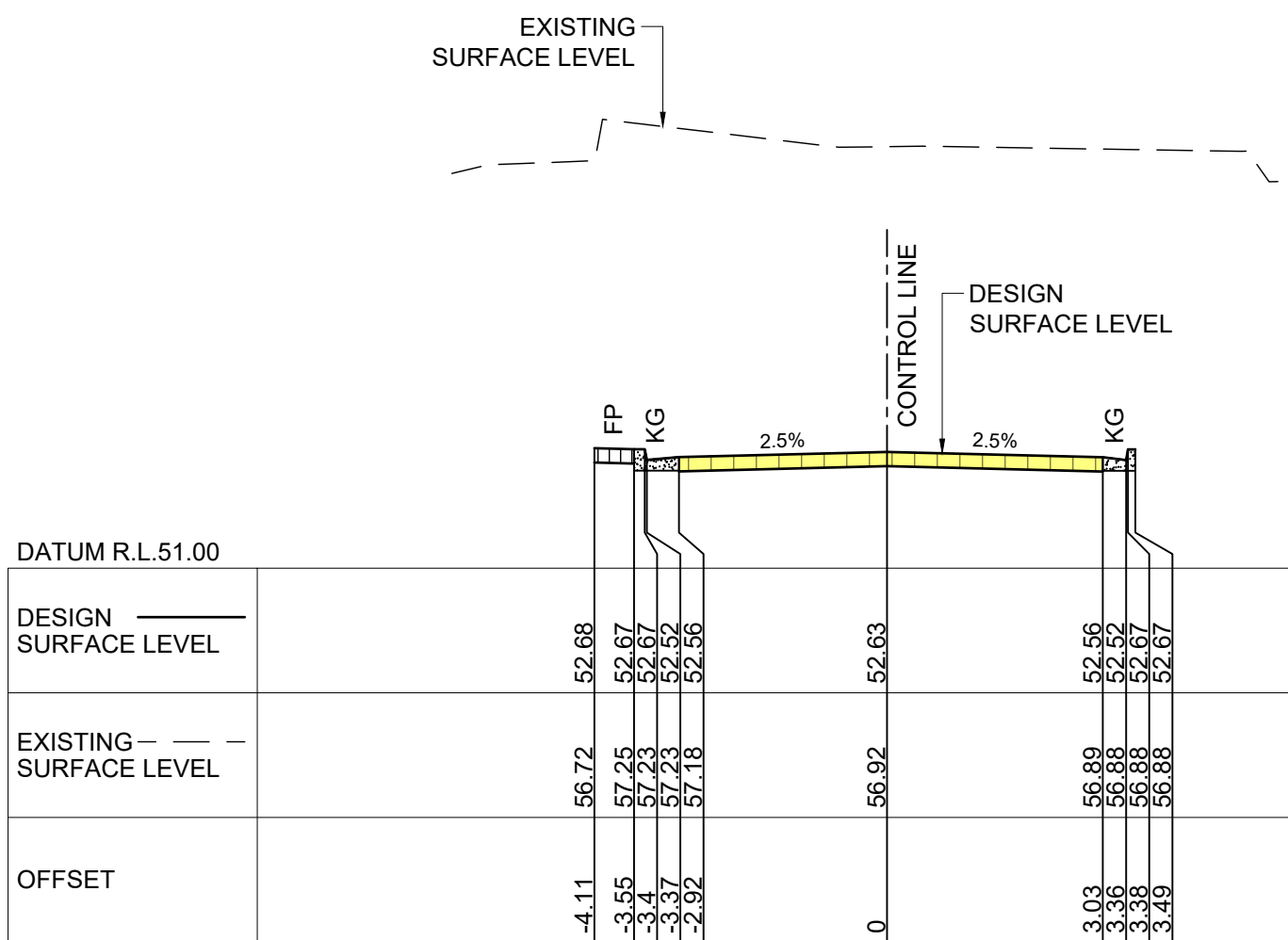
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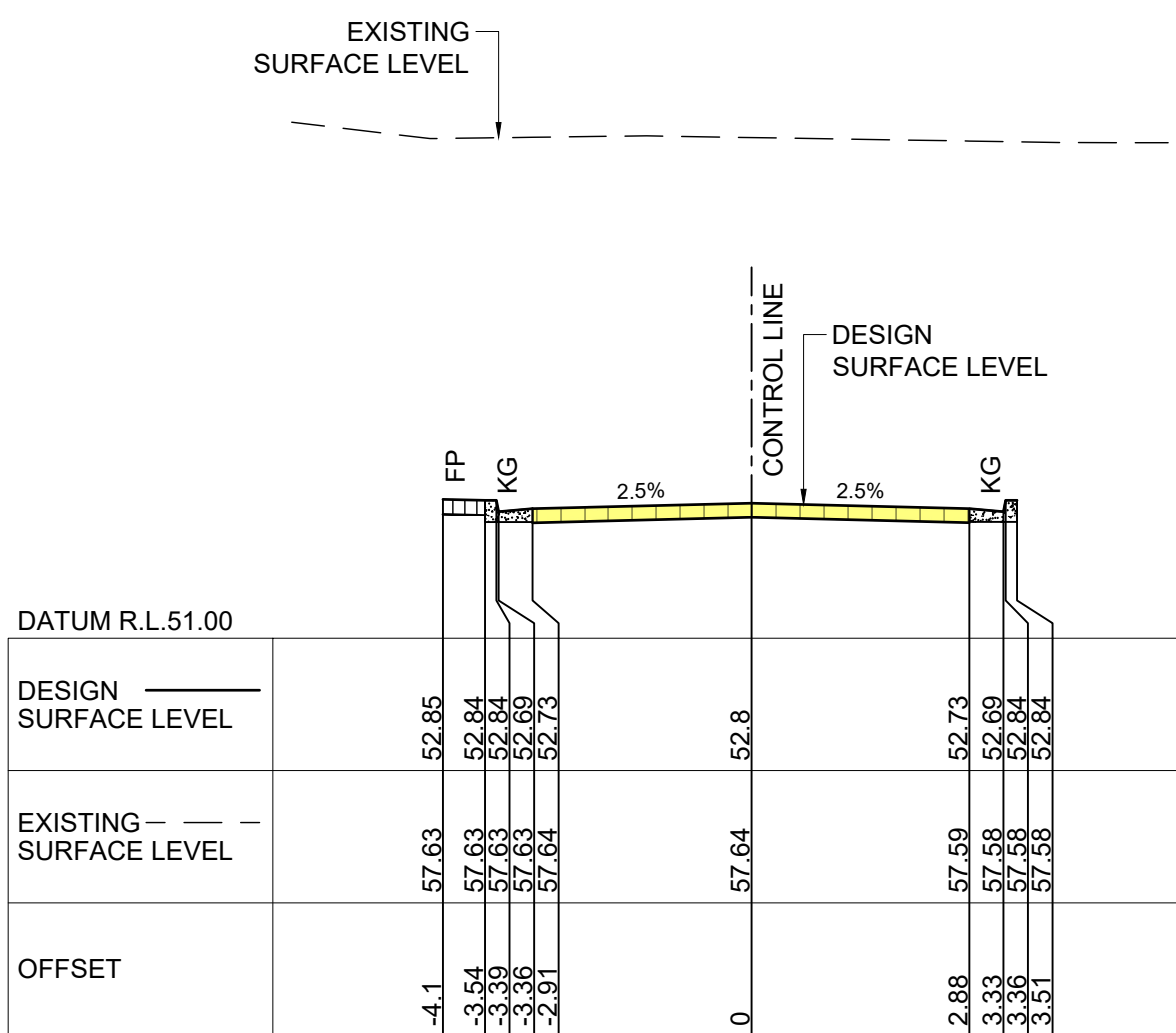
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CH. 50.00



CH. 60.00

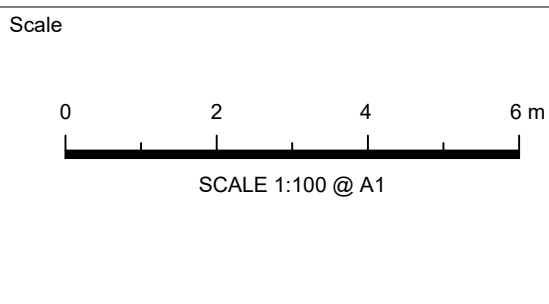


CH. 65.04 - EXTENT OF WORKS

Issue	Description	Date	Design	Manager
B	ISSUE FOR DEVELOPMENT APPLICATION	15/05/2025	M.Y.C.	M.C.O.
A	ISSUE FOR DEVELOPMENT APPLICATION	05/05/2025	M.Y.C.	M.C.O.

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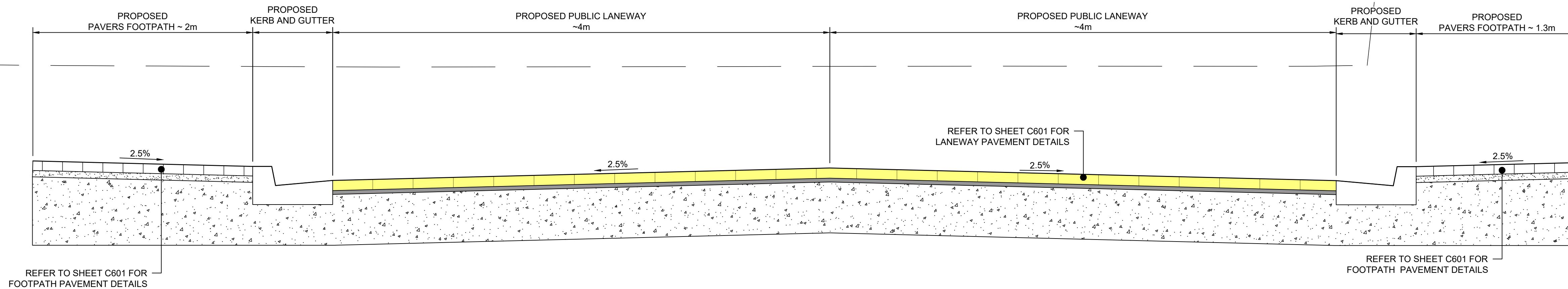


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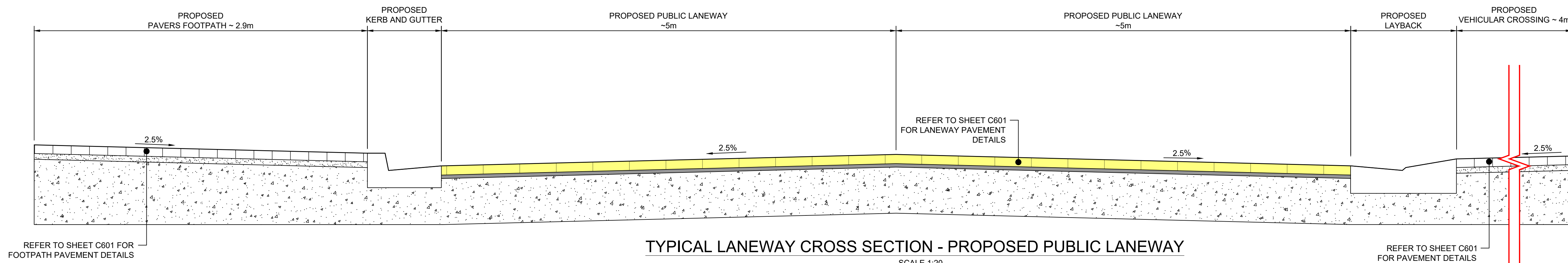
Project
**691-695 VICTORIA ROAD, RYDE
PUBLIC DOMAIN WORKS
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

Drawing Title	Scale	Project No.	Dwg. No.	Issue
PUBLIC LANEWAY CROSS SECTIONS SHEET 2 OF 2	A1 1:100	230266	C402	B

FOR APPROVAL



TYPICAL LANEWAY CROSS SECTION - PROPOSED PUBLIC LANEWAY
SCALE 1:20



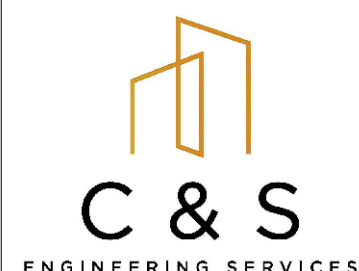
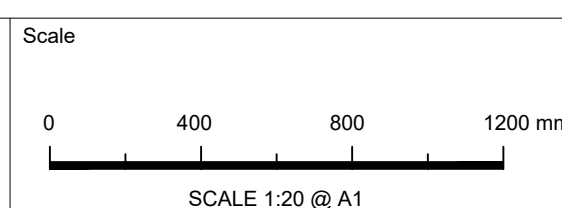
TYPICAL LANEWAY CROSS SECTION - PROPOSED PUBLIC LANEWAY
SCALE 1:20

FOR APPROVAL

Issue	Description	Date	Design	Manager
C	ISSUE FOR DEVELOPMENT APPLICATION	15/05/2025	M.Y.C.	M.C.O.
B	ISSUE FOR DEVELOPMENT APPLICATION	05/05/2025	M.Y.C.	M.C.O.
A	ISSUE FOR DEVELOPMENT APPLICATION	27/09/2024	J.A.H.	M.C.O.

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RYDE
CITY COUNCIL**

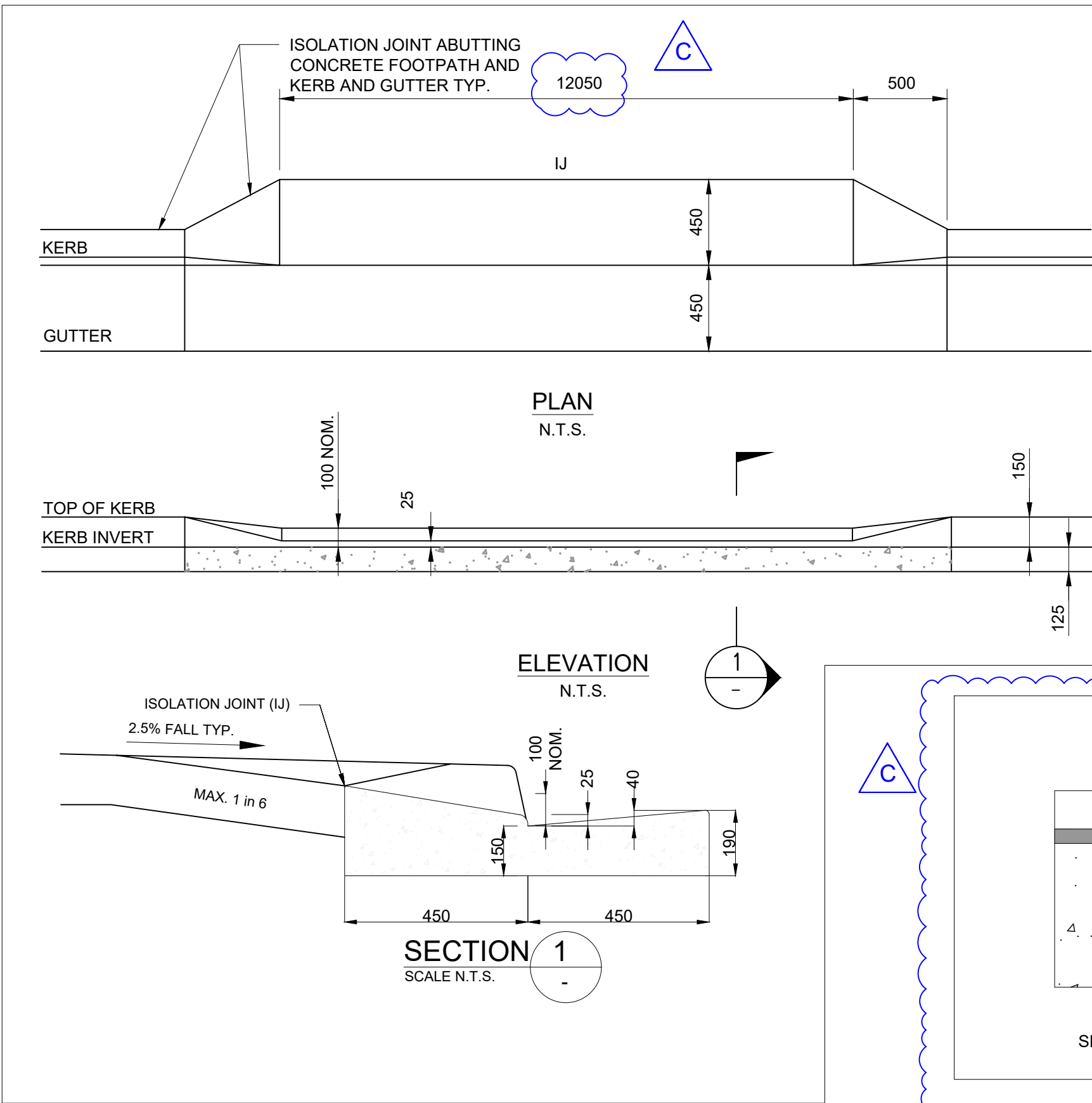


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Project
**691-695 VICTORIA ROAD, RYDE
PUBLIC DOMAIN WORKS
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

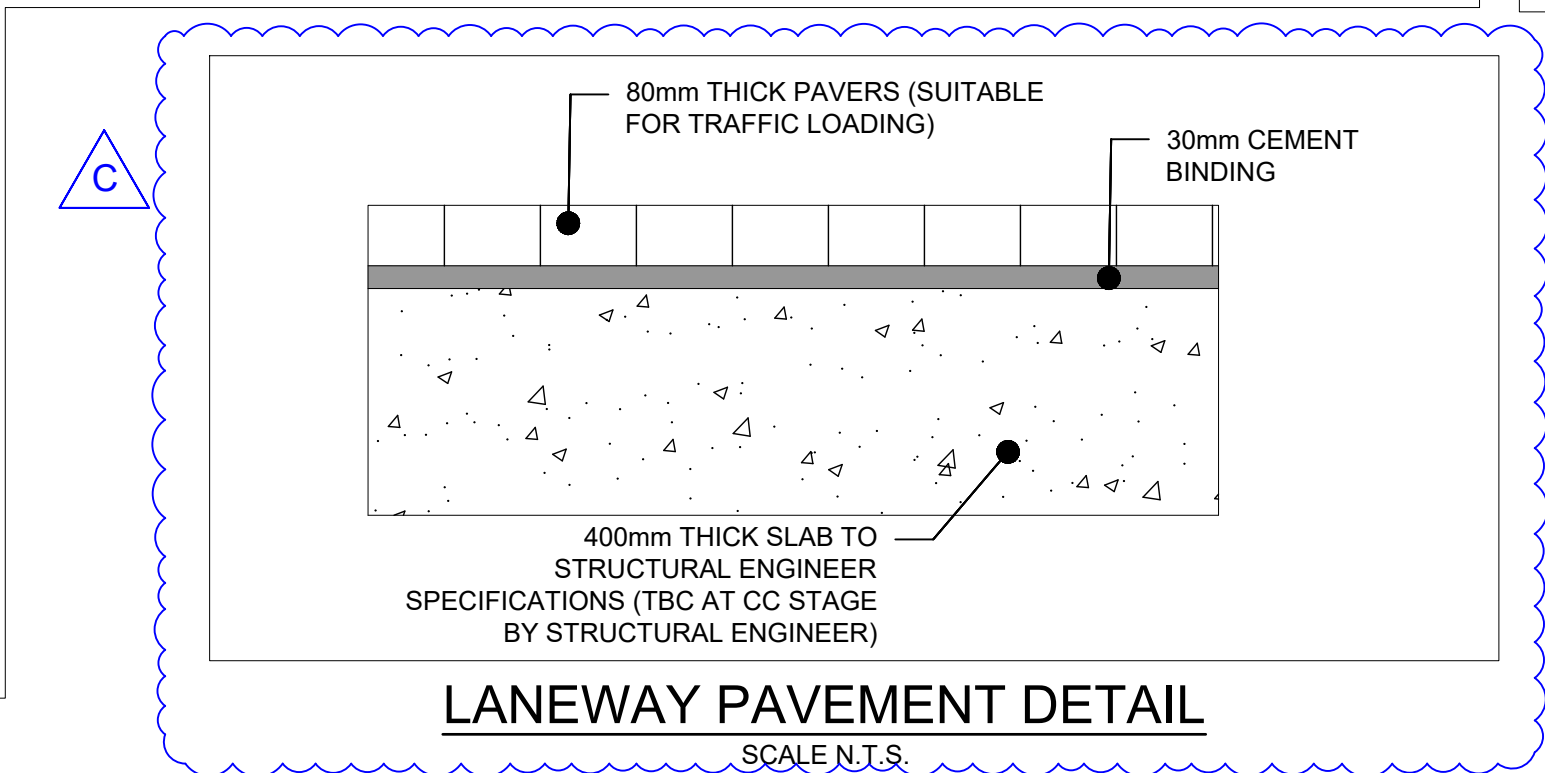
Drawing Title
TYPICAL CROSS SECTIONS

Scale	A1	Project No.	Dwg. No.	Issue
1:20		230266	C501	C



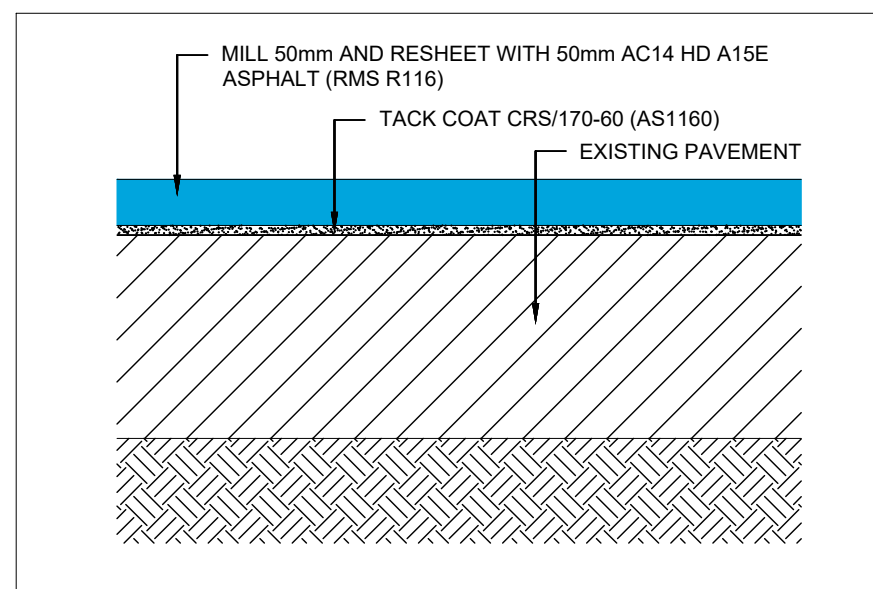
NOTES:

1. STANDARD LAYBACK SHALL CONSIST OF 150mm MINIMUM THICK UNREINFORCED CONCRETE OVER 150mm MINIMUM THICKNESS COMPACTED APPROVED ROADBASE.
2. THE LAYBACK SHALL BE STEEL FLOAT FINISHED.
3. EXPANSION JOINTS SHALL BE PLACED AT INTERVALS OF 6m MAXIMUM AND 4m MINIMUM. REFER TO CIV.11 FOR JOINTS DETAIL.
4. CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 25MPa MINIMUM.
5. CONCRETE SHALL BE PLACED WITH A MAXIMUM SLUMP OF 80mm.
6. SUBJECT TO APPROVAL FROM COUNCIL'S ENGINEER THE NOMINAL HEIGHT OF DRIVEWAY LAYBACK MAY BE LOWERED TO MINIMUM 75mm TO MEET B85 DESIGN VEHICLE REQUIREMENT.
7. THE COUNCIL ENGINEER REQUIRES 24 HOURS NOTICE PRIOR TO POURING OF CONCRETE TO INSPECT THE FORMWORK. NO CONCRETE SHALL BE POURED UNTIL THE EXCAVATION AND FORMWORK HAVE BEEN INSPECTED.
8. REFER TO CIV.1.2.1 FOR ROAD RESTORATION DETAIL.
9. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE (U.N.O)



LANEWAY PAVEMENT DETAIL

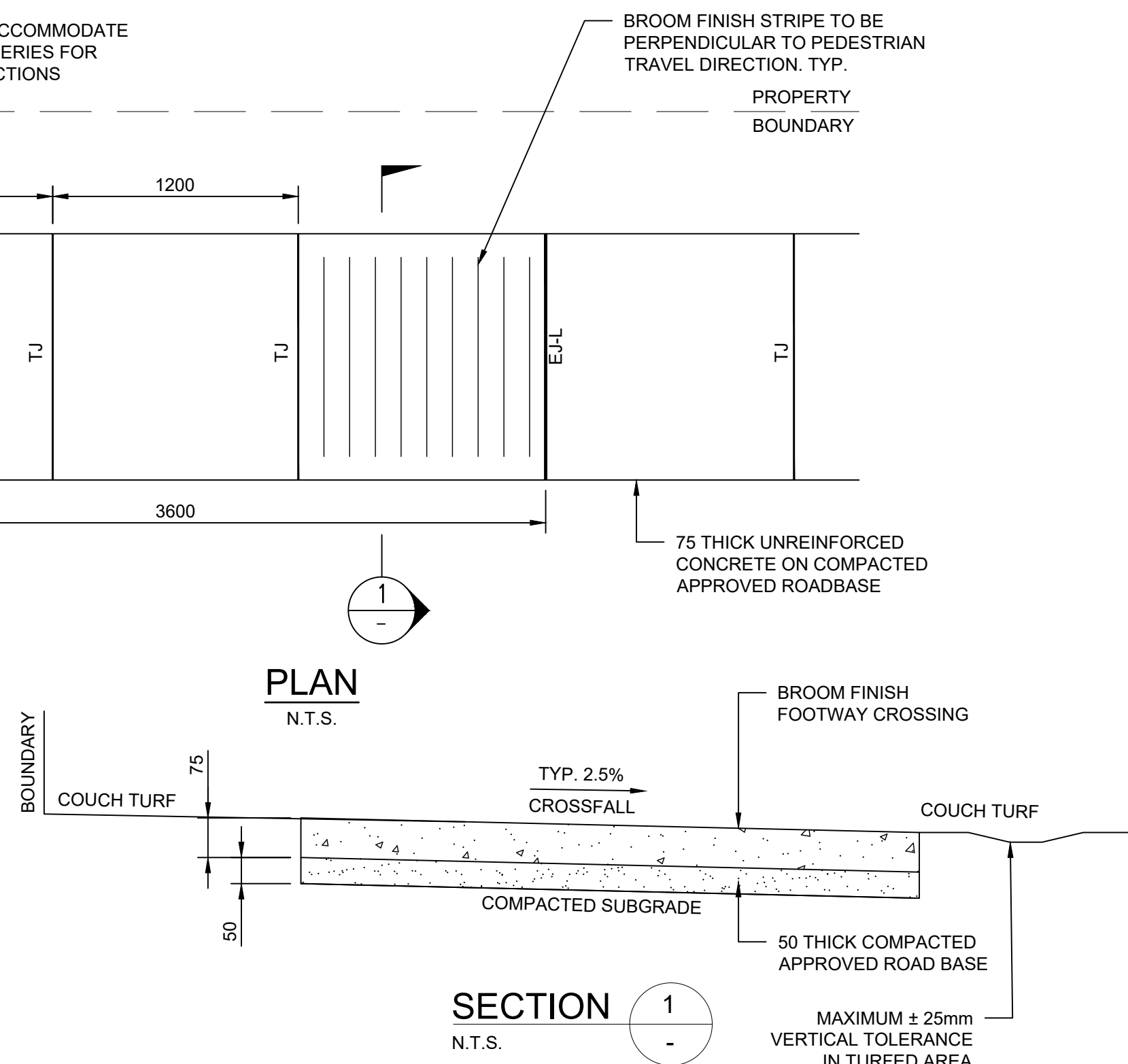
SCALE N.T.S.



MILL AND RESHEET DETAIL

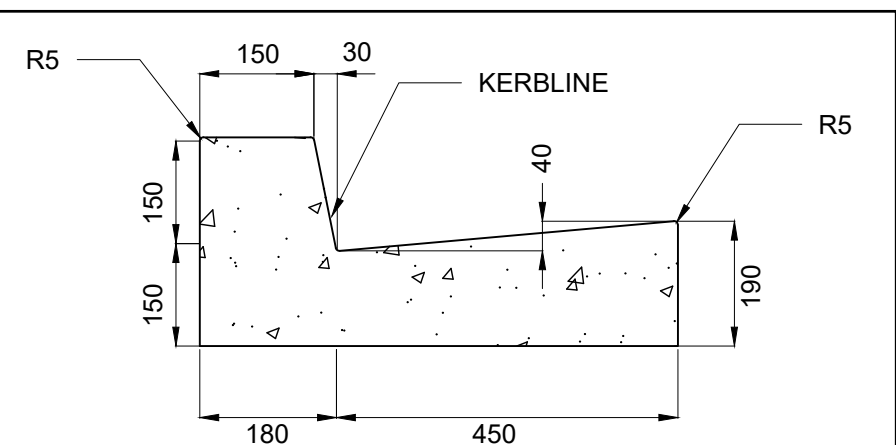
SCALE N.T.S.

- NOTES:
1. FOOTPATHS TO HAVE A 2.5% TYPICAL CROSSFALL TOWARDS THE KERB - THIS IS A 30mm FALL OVER A 1.2m WIDE FOOTPATH.
 2. REFER T CIV.11 FOR JOINT DETAIL.
 3. CONCRETE EDGES SHALL BE FINISHED WITH AN EDGING TOOL.
 4. CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 25MPa MINIMUM.
 5. CONCRETE SHALL BE PLACED WITH A MAXIMUM SLUMP OF 80mm.
 6. MINIMUM CONCRETE COVER TO BE 40mm UNLESS NOTED OTHERWISE.
 7. THE COUNCIL ENGINEER REQUIRES 24 HOURS NOTICE PRIOR TO POURING OF CONCRETE TO INSPECT THE FORMWORK. NO CONCRETE SHALL BE POURED UNTIL THE EXCAVATION AND FORMWORK HAVE BEEN INSPECTED.
 8. ALL DIMENSIONS IN MM UNLESS NOTED OTHERWISE.



CIV.3.1. STANDARD DRIVEWAY LAYBACK

N.T.S.



KERB AND GUTTER

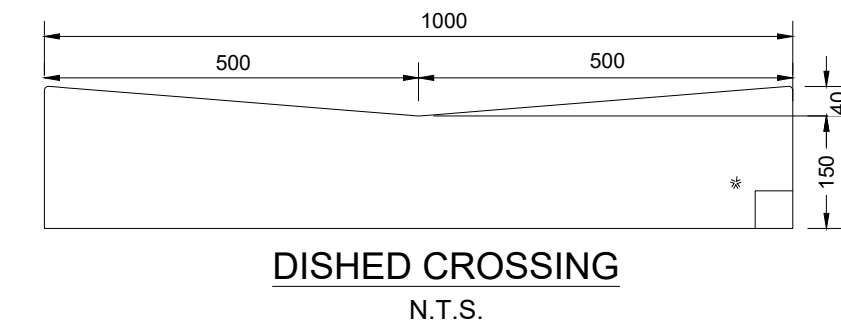
SCALE N.T.S.

KERB AND GUTTER NOTES

1. ALL ROADSIDE KERBS SHALL BE LAID ON A MINIMUM 150mm THICKNESS COMPACTED APPROVED ROADBASE.
2. ALL CORNERS SHALL HAVE A 25mm RADIUS UNLESS NOTED OTHERWISE.
3. ALL KERBS, GUTTERS AND EDGE STRIPS SHALL BE STEEL FLOAT FINISHED.
4. EXPANSION JOINTS SHALL BE PROVIDED AND INTERVALS OF 6m ALONG STRAIGHT ALIGNMENT AND 3m ALONG CURVED ALIGNMENT. REFER TO CIV.11 FOR JOINT DETAIL.
5. CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 25MPa MINIMUM.
6. CONCRETE SHALL BE PLACED WITH A MAXIMUM SLUMP OF 80mm.
7. REFER TO CIV.1.2.1 FOR ROAD RESTORATION DETAIL.
8. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.

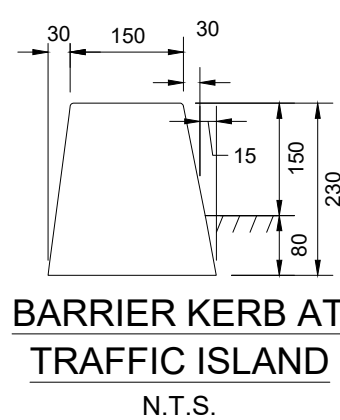
CIV 1.1.1 STANDARD KERBS AND GUTTERS

SCALE N.T.S.



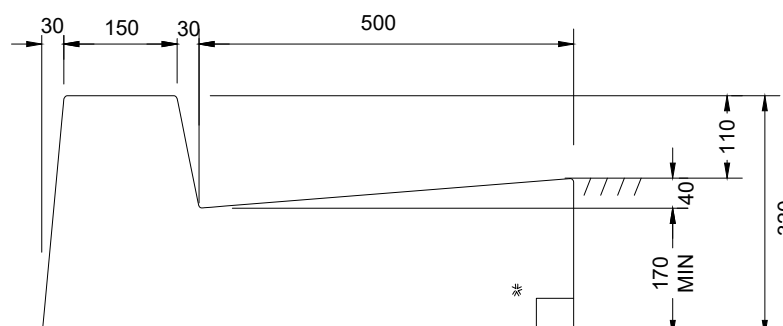
DISHED CROSSING

N.T.S.



BARRIER KERB AT TRAFFIC ISLAND

N.T.S.



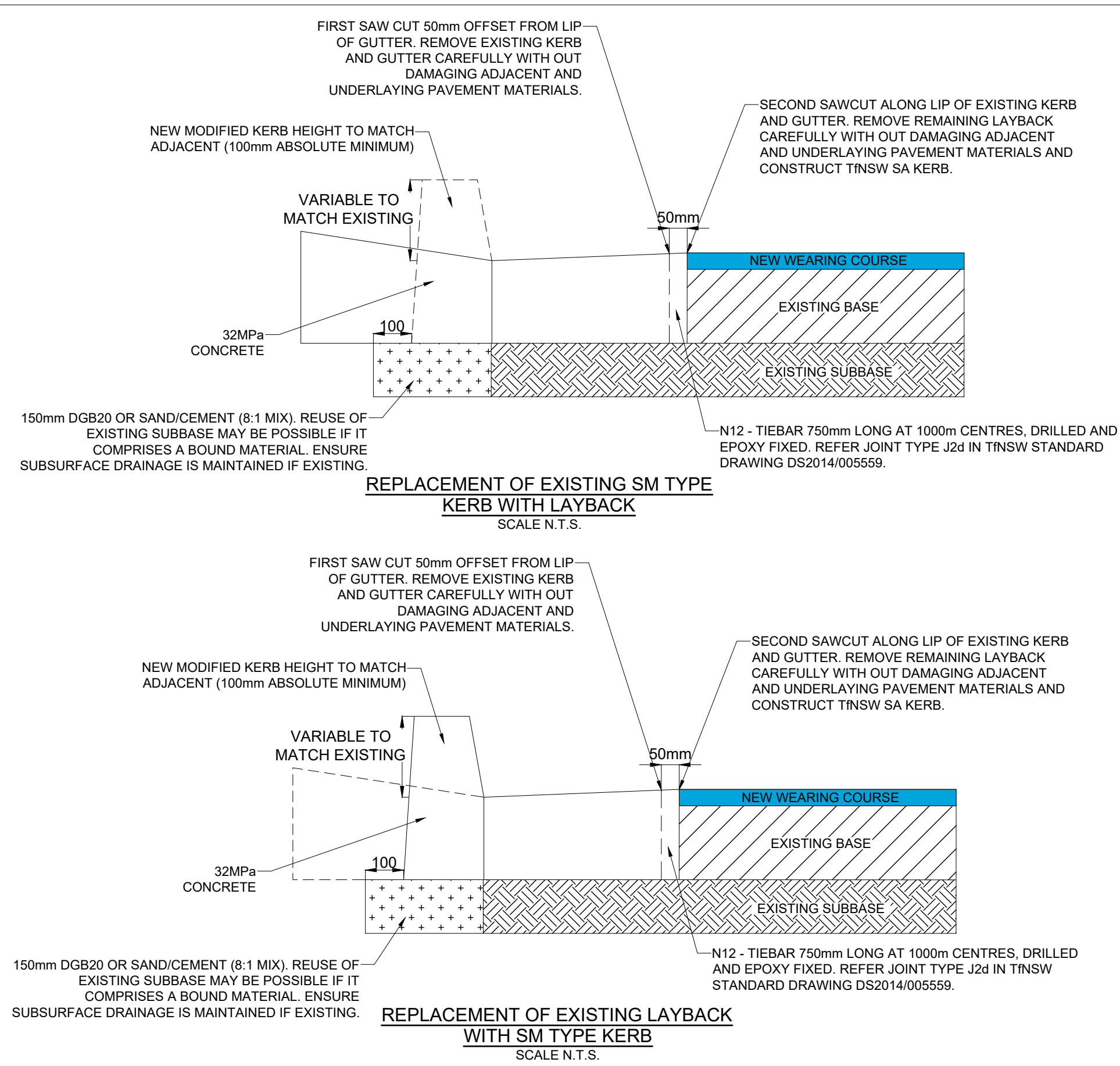
BARRIER KERB AND CHANNEL ADJACENT TO FOOTPATH

N.T.S.

R0300-01

STANDARD KERB AND GUTTER SHAPES

SCALE N.T.S.



REPLACEMENT OF EXISTING LAYBACK WITH SM TYPE KERB

SCALE N.T.S.

CIV.5.1 STANDARD CONCRETE FOOTPATH

N.T.S.

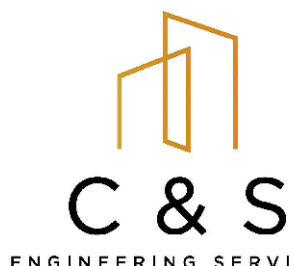
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PUBLIC DOMAIN WORKS
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION

Drawing Title

CONSTRUCTION NOTES
AND DETAILS SHEET

Scale
N.T.S.

Project No.
230266

Dwg. No.
C601

Issue
C