

PROPOSED RESIDENTIAL SUBDIVISION

1 RAILWAY STREET, GULGONG - STAGE 1

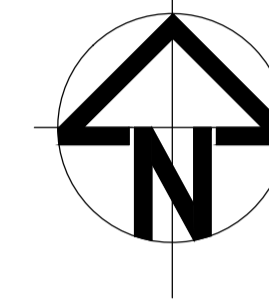
CIVIL ENGINEERING WORKS

FOR DEVELOPMENT APPLICATION

DRAWING SCHEDULE		
DRG No.	DESCRIPTION	REV.
GENERAL		
TEL2021184.CIV.DA.000	GENERAL NOTES, LOCALITY PLAN AND DRAWING SCHEDULE	A
TEL2021184.CIV.DA.001	EXISTING SERVICES AND DEMOLITION PLAN	A
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ROADS		
TEL2021184.CIV.DA.300	ROADWORKS AND DRAINAGE LAYOUT PLAN	A
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TEL2021184.CIV.DA.304	RAILWAY STREET - CROSS SECTIONS SHEET 2 OF 2	A
STORMWATER		
TEL2021184.CIV.DA.400	STORMWATER CATCHMENT PLAN	A



LOCALITY PLAN
N.T.S



COORDINATION NOTES

- REFER ELECTRICAL CONSULTANTS DRAWINGS FOR ELECTRICAL RETICULATION SETOUT.
- REFER LANDSCAPE ARCHITECTS DRAWINGS FOR SOIL STABILATION AND PLANTING DETAILS.
- REFER SERVICE AUTHORITY FOR LOCATION AND CONSTRUCTION REQUIREMENTS APPLICABLE TO EXISTING SERVICES.

GENERAL NOTES

- ALL WORK IS TO CONFORM TO THE CURRENT COUNCIL STANDARDS, DRAWINGS AND SPECIFICATIONS U.N.O.
- WHERE CONNECTION IS TO BE MADE TO EXISTING CONSTRUCTION THE CONTRACTOR SHALL CONFIRM THE LOCATION AND LEVEL OF THIS CONSTRUCTION PRIOR TO COMMENCING WORK ON ANY CRITICAL SECTION. THE SUPERINTENDENT MAY VARY LEVELS AND GRADIENTS OF NEW WORKS TO ACHIEVE A SATISFACTORY CONNECTION.
- LEVEL DATUM IS AHD.
- ALL DIMENSIONS ARE IN METRES U.N.O.
- PRIOR TO CONSTRUCTION THE CONTRACTOR WILL SATISFY HIMSELF OF THE CORRECT LOCATIONS OF ALL EXISTING SERVICES WHETHER INDICATED OR NOT ON THE PLANS. ANY DAMAGE TO EXISTING SERVICES IS TO BE RECTIFIED AT THE CONTRACTORS EXPENSE.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY BENCH MARK LEVELS AND ADVISE THE SUPERINTENDENT OF ANY DISCREPANCIES.
- PRIOR TO CONSTRUCTION THE CONTRACTOR IS TO CONFIRM WITH THE SUPERINTENDENT THE FOLLOWING:
 - ALL INSPECTION HOLD POINTS, AND;
 - ALL COMPLIANCE TESTING REQUIREMENTS.
- ANY WORK ON EXISTING SERVICES THAT REQUIRE RELOCATION BY AUTHORITIES SHALL BE CARRIED OUT BY THE RELEVANT AUTHORITY, BUT WITHIN TERMS OF THE CONTRACT, AND SHALL BE CO-ORDINATED BY THE CONTRACTOR.
- AT COMPLETION OF CONSTRUCTION THE CONTRACTOR SHALL ARRANGE FOR AN INDEPENDENT LICENSED SURVEYOR TO CARRY OUT A "WORKS AS CONSTRUCTED" SURVEY IN ACCORDANCE WITH THE CURRENT COUNCIL STANDARDS AND SUBMIT THE DETAILS SHOWN ON A PLAN TO THE SUPERINTENDENT.
- ALL VERGES ARE TO BE FULLY TURFED WITH COUCH REFER TO LANDSCAPE ARCHITECTS PLANS FOR DETAILS.

EROSION AND SEDIMENT CONTROL NOTES

- EROSION & SEDIMENT CONTROL (ESC) NOTES ARE TO BE READ IN CONJUNCTION WITH THE GENERAL AND COORDINATION NOTES.
- ALL ESC MEASURES SHALL BE IN ACCORDANCE CURRENT COUNCIL STANDARDS, DRAWINGS AND SPECIFICATIONS U.N.O.
- CONSTRUCTION OF ALL SEDIMENT CONTROL MANAGEMENT DEVICES SHALL BE TO THE SATISFACTION OF THE SUPERINTENDENT. THE CONTRACTOR IS TO FOLLOW THE CONSTRUCTION PHASE AS OUTLINED:
 - CONSTRUCTION OF EROSION AND SEDIMENT DEVICES;
 - STRIPPING TOPSOIL;
 - BULK EARTHWORKS;
 - SERVICES, BUILDING, PAVEMENT AND ROAD CONSTRUCTION;
 - LANDSCAPED AREAS TO BE TOPSOILED, TURFED, MULCHED OR PLANTED.
- THE CONTRACTOR IS TO PROVIDE A CONSTRUCTION TRAFFIC SHAKEDOWN DEVICE AT ALL RELEVANT POINTS OF EXIT FROM THE SITE. THE CONTRACTOR SHALL CLEAN OUT AND MAINTAIN THE SHAKEDOWN DEVICE REGULARLY TO ENSURE EFFICIENT OPERATION.
- THE CONTRACTOR SHALL PROVIDE SILT FENCES IMMEDIATELY DOWNSTREAM OF ANY SOIL STOCKPILES.
- BOTH TEMPORARY AND PERMANENT ESC MEASURES SHALL BE MAINTAINED AT A SUITABLE LEVEL/CONDITION THROUGHOUT CONSTRUCTION TO THE SATISFACTION OF THE SUPERINTENDENT.
- ALL TEMPORARY ESC MEASURES SHALL BE MAINTAINED AND FULLY OPERATIONAL DURING THE CONSTRUCTION AND MAINTENANCE PERIOD, AND ARE TO BE REMOVED AFTER THE SATISFACTORY COMPLETION OF AN 'OFF MAINTENANCE' INSPECTION BY THE SUPERINTENDENT.
- ALL ESC MEASURES ARE TO BE INSPECTED AT LEAST DAILY, PRIOR TO EXPECTED RAINFALL AND AFTER RAINFALL. ANY DAMAGE OR EXCESS EROSION/SEDIMENT IS TO BE REPAIRED/MANAGED AS REQUIRED TO MAINTAIN CONTROL DEVICES.
- ALL ESC MEASURES MUST SUIT THE PREVAILING CLIMATE/WEATHER CONDITIONS AT THE TIME OF CONSTRUCTION.
- THE CONTRACTOR IS TO ENSURE THE SUPPRESSION OF DUST AT ALL TIMES DURING THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE DEVELOPMENT. ENVIRONMENTAL HARM AND NUISANCE FROM DUST IS TO BE PREVENTED. ACCEPTABLE METHODS INCLUDE:
 - WATERING;
 - PROMOTING VEGETATION IN WIND EROSION PRONE AREAS;
 - CONSTRUCTING WIND BREAKS;
 - MULCHING.
- THE CONTRACTORS VEHICLES & PLANT SHALL NOT OPERATE OUTSIDE THE LIMITS OF THE IMMEDIATE CONSTRUCTION AREA AND ARE RESTRICTED FROM CROSSING OR DISTURBING AREAS NOT SUBJECT TO CONSTRUCTION.
- ANY WATER TRAPPED WITHIN THE TEMPORARY SEDIMENT BASIN IS TO BE REGULARLY TESTED DURING THE COURSE OF CONSTRUCTION. REFER WATER QUALITY MONITORING TABLE FOR DETAILS.
- ALL DISTURBED GROUND IS TO BE GRASS SEED TO PREVENT EROSION IF THE DISTURBED GROUND IS TO BE LEFT "OPEN" FOR A PERIOD OF GREATER THEN ONE (1) MONTH.
- REFER DRAWING AS TEL2021184.CIV.DA - 100 TO 101 FOR EROSION AND SEDIMENT CONTROL DETAILS.

DISCLAIMER

ALL INFRASTRUCTURE INFORMATION (MANS, 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.
TELFORD CIVIL DESIGN AND CONSTRUCTION EXCELLENCE TAKE NO RESPONSIBILITY FOR APPARENT ERRORS OR INACCURACIES IN THE INFORMATION PROVIDED.

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

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.

EARTHWORKS NOTES

- EARTHWORKS NOTES ARE TO BE READ IN CONJUNCTION WITH THE GENERAL AND COORDINATION NOTES.
- EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH PROCEDURES SET DOWN IN AS3798 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'.
- BULK EARTHWORKS INCLUDING CLEARING, FILLING AND TESTING, ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT COUNCIL STANDARDS, DRAWINGS AND SPECIFICATIONS. COUNCIL STANDARDS SUPERSEDE ANY NOTES OR SPECIFICATIONS WRITTEN ON THE DESIGN DRAWINGS.
- BULK EARTHWORKS LEVELS SHALL BE DETERMINED RELATIVE TO THE FINISHED SURFACE LEVELS. REFER ARCHITECTURAL DRAWINGS FOR SLAB LEVELS, TO THE STRUCTURAL ENGINEERS DRAWINGS FOR BUILDING AND PATH SLAB THICKNESS AND TO THE CIVIL ENGINEERS DRAWINGS FOR EXTERNAL FINISHED SURFACE LEVELS AND EXTERNAL PAVEMENT THICKNESSES
- TOPSOIL SHALL BE STOCKPILED AS DIRECTED BY THE SUPERINTENDENT ON SITE.
- PRIOR TO PLACEMENT OF ANY FILLING ALL TOPSOIL AND ORGANIC MATERIAL IS TO BE REMOVED AND THE SUBGRADE SHALL BE UNIFORMLY COMPACTED TO THE MINIMUM DRY DENSITY RATIOS SHOWN IN NOTE 10. ANY SOFT SPOTS REVEALED BY COMPACTION SHALL BE REMOVED AS DIRECTED BY THE SUPERINTENDENT AND BACKFILLED WITH COMPACTED SELECT FILL.
- MOISTURE CONTENT OF COMPACTED FILL SHOULD BE MAINTAINED WITHIN 2% OF OPTIMUM MOISTURE CONTENT.
- FILL SHALL BE COMPACTED IN MAXIMUM 200mm THICK LAYERS (LOOSE THICKNESS) TO THE FOLLOWING MINIMUM DRY DENSITY RATIOS (STANDARD COMPACTION A.S.1289.5-1).
 - UPPER 0.3m OF PAVEMENT SUBGRADE = 100%;
 - UNDER BUILDINGS = 98%;
 - GENERAL FILL = 95%.
- ALL FILL MATERIAL PLACED ON THE SITE SHALL COMPRISE ONLY NATURAL EARTH AND ROCK, AND IS TO BE FREE OF CONTAMINANTS (AS DEFINED BY SECTION 11 OF THE ENVIRONMENTAL PROTECTION ACT 1994), NOXIOUS, HAZARDOUS, DELETERIOUS AND ORGANIC MATERIALS. NO DEMOLITION MATERIAL IS TO BE USED. SUITABLE FILL MATERIAL IS DEEMED TO COMPLY WITH THE REQUIREMENTS OF CLAUSE 4.3 OF AS3798, 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'.
- IMPORTED FILL SHALL COMPLY WITH THE FOLLOWING:
 - SOAKED CBR = MINIMUM OF 15%;
 - LIQUID LIMIT = 30% MAX;
 - PLASTICITY INDEX = 15% MAX;
 - MAXIMUM AGGREGATE SIZE = 75mm;
 - PASSING 0.075mm SIEVE = 30% MAX;
 - SHRINK/SWELL INDEX = 1.0% MAX.
- THE CONTRACTOR IS TO ENGAGE, AT THEIR EXPENSE, AN APPROVED NATA REGISTERED LABORATORY TO CARRY OUT SITE CONTROL TO 'LEVEL 1' STANDARD AS SET OUT IN APPENDIX B OF AS3798-2007 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS' AND PROVIDE A 'LEVEL 1' REPORT ON COMPLETION OF EARTHWORKS.

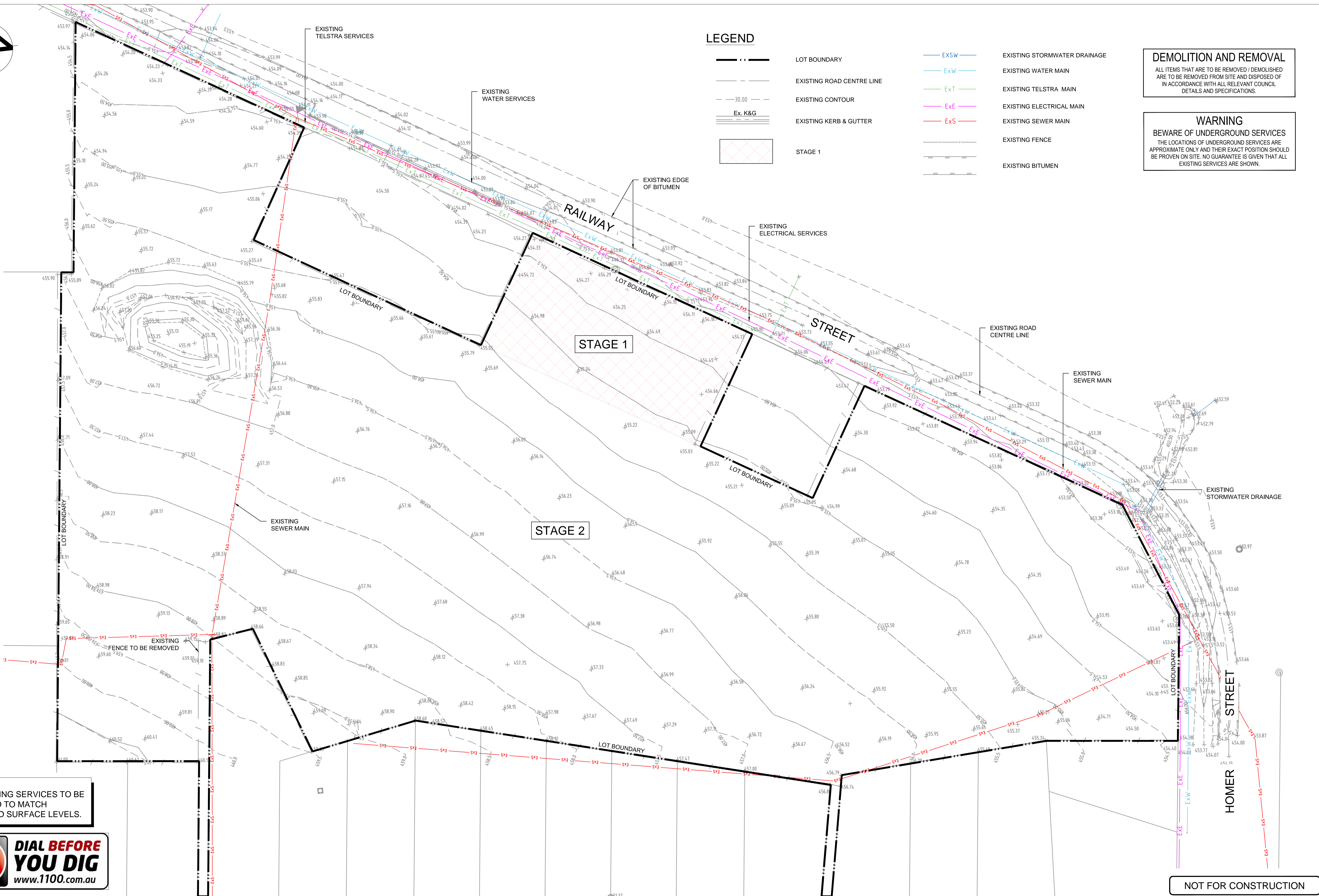
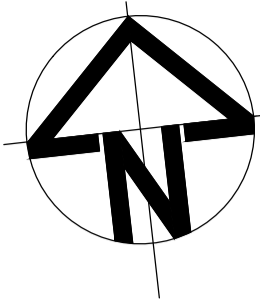
DRAINAGE NOTES

- DRAINAGE NOTES ARE TO BE READ IN CONJUNCTION WITH THE GENERAL AND COORDINATION NOTES.
- CONTRACTOR IS TO CHECK THAT THE PROPOSED PIPE WORKS DO NOT CLASH WITH EXISTING SERVICES PRIOR TO ANY TRENCH EXCAVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY CLASHES ARE FOUND FOR ADVICE ON ANY DESIGN REQUIREMENTS.
- STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE ASSESSMENT OF CONSTRUCTION LOADS AND PROVISION OF ANY TEMPORARY BRACING, PROPPING, ETC. REQUIRED DURING CONSTRUCTION. STRUCTURES SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED.
- ALL TRENCH EXCAVATIONS AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE WORKPLACE HEALTH AND SAFETY 1989 AS AMENDED AND THE MINE REGULATIONS ACT.
- ALL TRENCHES IN TRAFFICABLE AND NON TRAFFICABLE ZONES SHALL BE BACKFILLED TO DENSITY RATIOS, FREQUENCIES AND LAYER INTERVALS IN ACCORDANCE WITH THE CURRENT COUNCIL STANDARDS. ALL TEST RESULTS SHALL FORWARDED TO THE SUPERINTENDENT AS THEY BECOME AVAILABLE.
- ALL PRECAST CONCRETE PIPES ARE TO BE MANUFACTURED IN ACCORDANCE WITH AS 4058. STORMWATER PIPES SHALL BE TO FOLLOWING CLASSES U.N.O.
 - REINFORCED CONCRETE PIPES (RCP) = CLASS 2;
 - FIBRE REINFORCED PIPES (FRC) = CLASS 2;
 - uPVC = CLASS 'SEH'.
- ALL RCP PIPES SHALL HAVE THE FOLLOWING JOINTS U.N.O.
 - RCP <=600 DIA = RUBBER RING JOINTED (RRJ).
 - RCP >600 DIA = FLUSH JOINTED (FJ);
- ROOFWATER PIPES SHALL BE uPVC PIPES CLASS 'SH' U.N.O.
- REFER TO STORMWATER LONGITUDINAL SECTIONS FOR ALL STRUCTURE TYPES, SIZES, LEVELS AND GRATE TYPES. GRATES SHALL BE TRAFFICABLE CLASS 'D' U.N.O.
- MANHOLE AND FIELD INLET ACCESS SHALL BE INSTALLED AS DESCRIBED BELOW IN ACCORDANCE WITH AS1657:
 - GULLY/FIELD INLETS >1.35m DEPTH: STEP IRONS;
 - MANHOLES 0.850m-3.0m DEPTH: STEP IRONS;
 - MANHOLES >3.0m DEPTH: FIXED ACCESS LADDER.
- TEST CERTIFICATES AND MATERIAL CERTIFICATION DOCUMENTATION IS REQUIRED FOR ALL PIPES, FITTINGS, BOX CULVERTS AND OTHER PRECAST CONCRETE PRODUCTS.
- ALL STORMWATER SETOUT IS TO CENTRE OF STRUCTURE U.N.O.



NOT FOR CONSTRUCTION

Certification By: Dr. Michel Chaaya in affiliation with Joe Bacha (formerly Australian Consulting Engineers)				Client MR. ROY AMERY		Surveyor DUBBO OFFICE 1ST FLOOR 62 WINGEWARRA STREET DUBBO, NSW 2830 Ph: (02) 6887 4500 WEB: www.premise.com.au		Scale TEL FORD CIVIL DESIGN & CONSTRUCTION EXCELLENCE Level 4, 470 Church Street, Parramatta NSW 2150 Email : info@telfordcivil.com.au PHONE : 02 7809 4931 PO BOX 3579 Parramatta 2124		Project 1 RAILWAY STREET, GULGONG PROPOSED RESIDENTIAL SUBDIVISION CIVIL ENGINEERING PLANS DEVELOPMENT APPLICATION		Drawing Title GENERAL NOTES, LOCALITY PLAN AND DRAWING SCHEDULE			
A ISSUE FOR DEVELOPMENT APPLICATION Issue Description Date P.B.T. Design J.A.B. Checked				Council MID-WESTERN REGIONAL COUNCIL						Scale A1 Project No. 2021184		Dwg. No. 000		Issue A	



LEGEND

- LOT BOUNDARY
- EXISTING ROAD CENTRE LINE
- EXISTING CONTOUR
- EXISTING KERB & GUTTER
- STAGE 1
- EXSW EXISTING STORMWATER DRAINAGE
- ExW EXISTING WATER MAIN
- ExT EXISTING TELSTRA MAIN
- ExE EXISTING ELECTRICAL MAIN
- ExS EXISTING SEWER MAIN
- EXISTING FENCE
- EXISTING BITUMEN

DEMOLITION AND REMOVAL
 ALL ITEMS THAT ARE TO BE REMOVED / DEMOLISHED ARE TO BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH ALL RELEVANT COUNCIL DETAILS AND SPECIFICATIONS.

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

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



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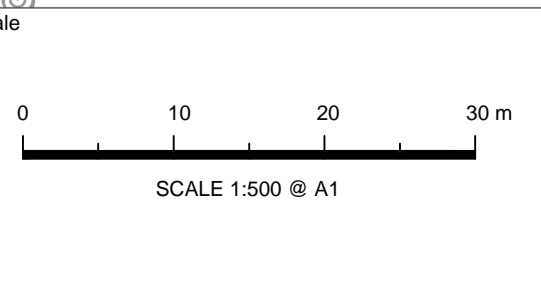
A		ISSUE FOR DEVELOPMENT APPLICATION	22/10/2021	P.B.T.	J.A.B.
Issue	Description	Date	Design	Checked	20cm

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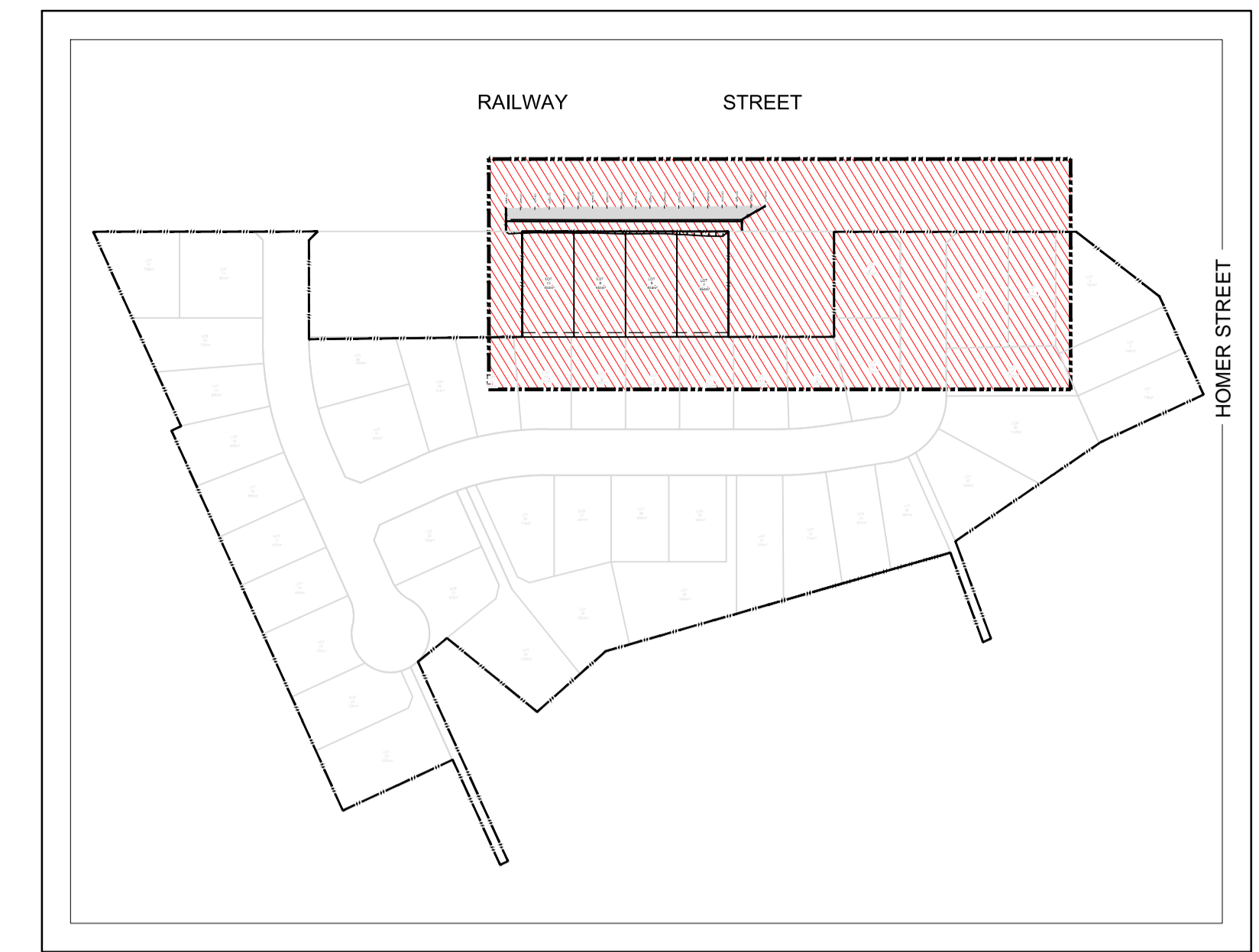
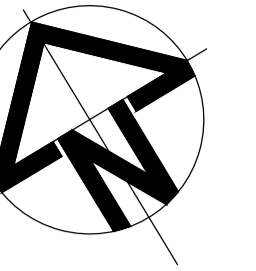


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Project
**1 RAILWAY STREET, GULGONG
 PROPOSED RESIDENTIAL SUBDIVISION
 CIVIL ENGINEERING PLANS
 DEVELOPMENT APPLICATION**

Drawing Title
**EXISTING SERVICES & DEMOLITION PLAN
 STAGE 1**

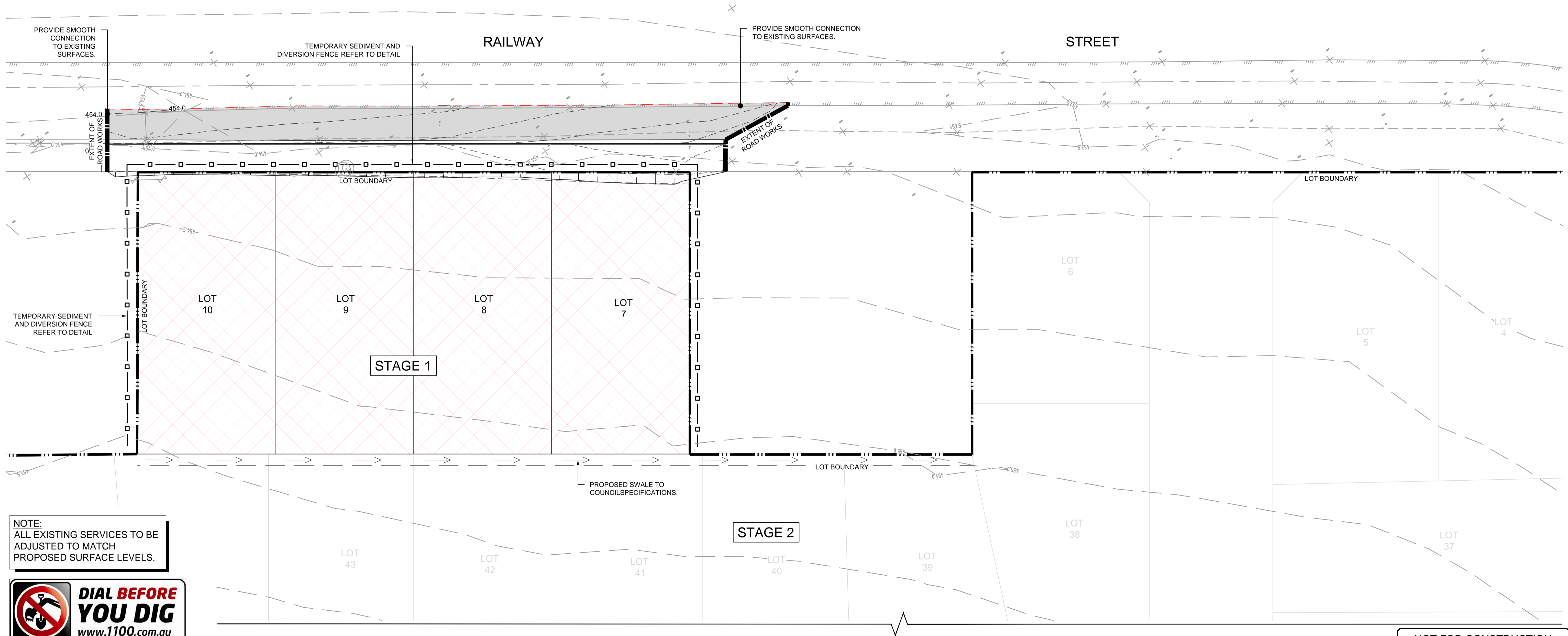
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KEY PLAN
SCALE 1:2000

LEGEND

- LOT BOUNDARY
- PROPOSED INVERT OF KERB
- PROPOSED LINE OF SAWCUT
- PROPOSED CONTROL LINE
- DESIGN CONTOURS
- EXISTING CONTOUR
- TEMPORARY SEDIMENT AND DIVERSION FENCE REFER TO DETAIL
- PROPOSED SWALE
- STAGE 1



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



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A	ISSUE FOR DEVELOPMENT APPLICATION	22/10/2021	P.B.T.	J.A.B.

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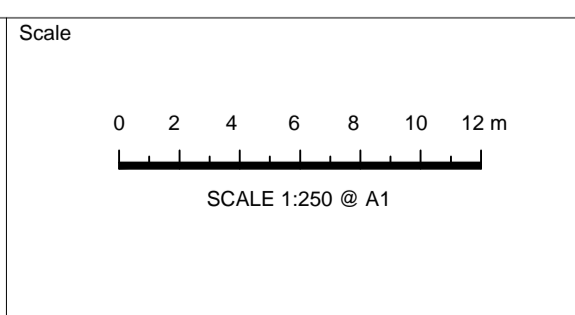
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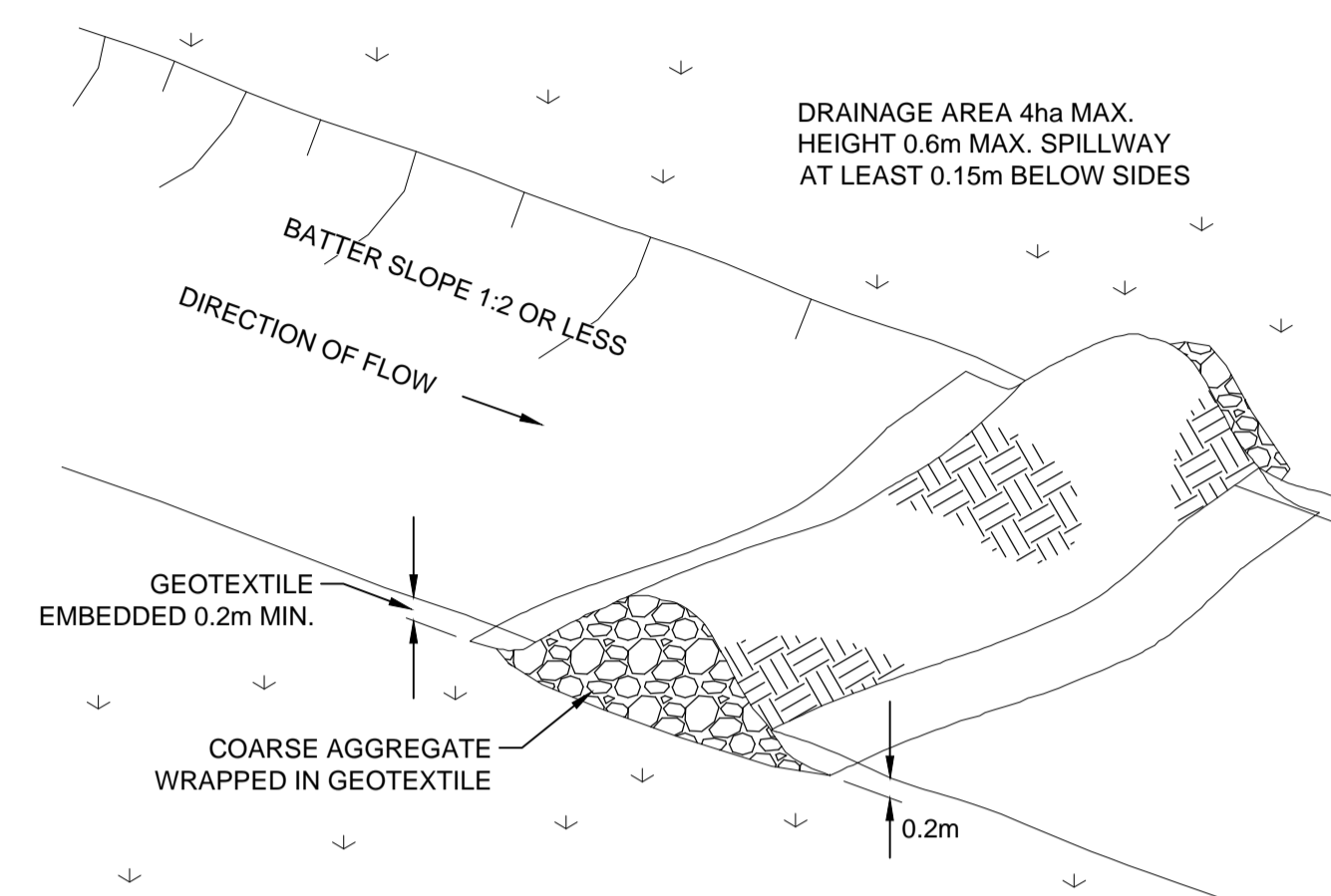
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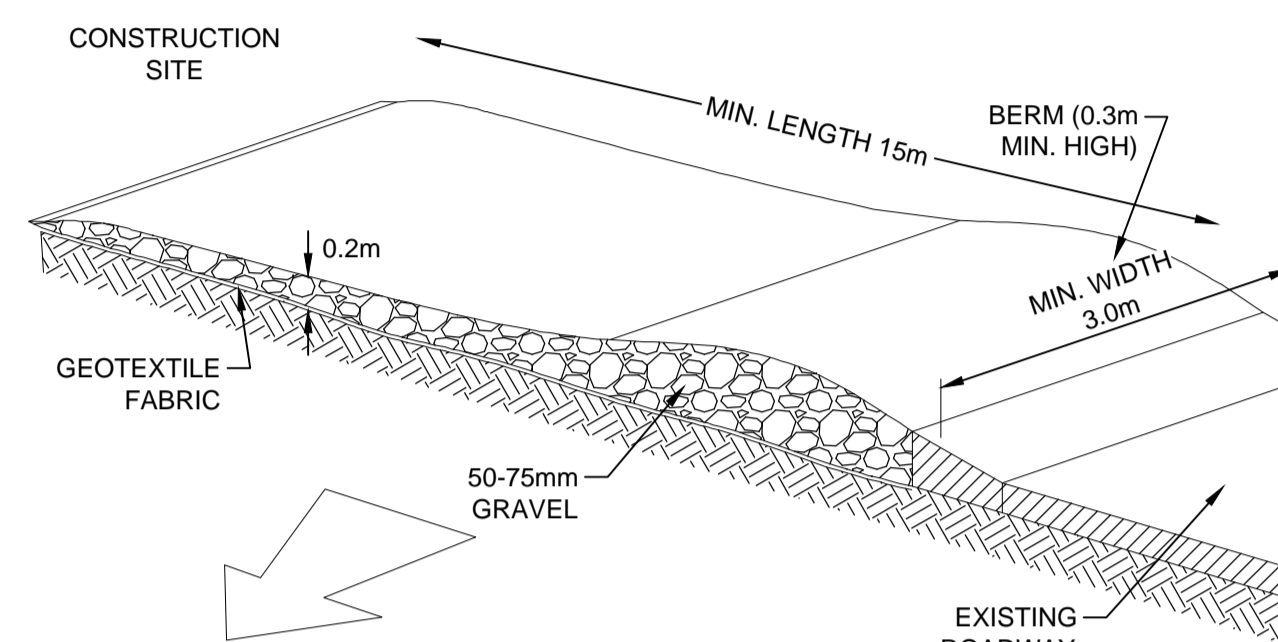
Project
**1 RAILWAY STREET, GULGONG
PROPOSED RESIDENTIAL SUBDIVISION
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

Drawing Title
EROSION AND SEDIMENT CONTROL PLAN

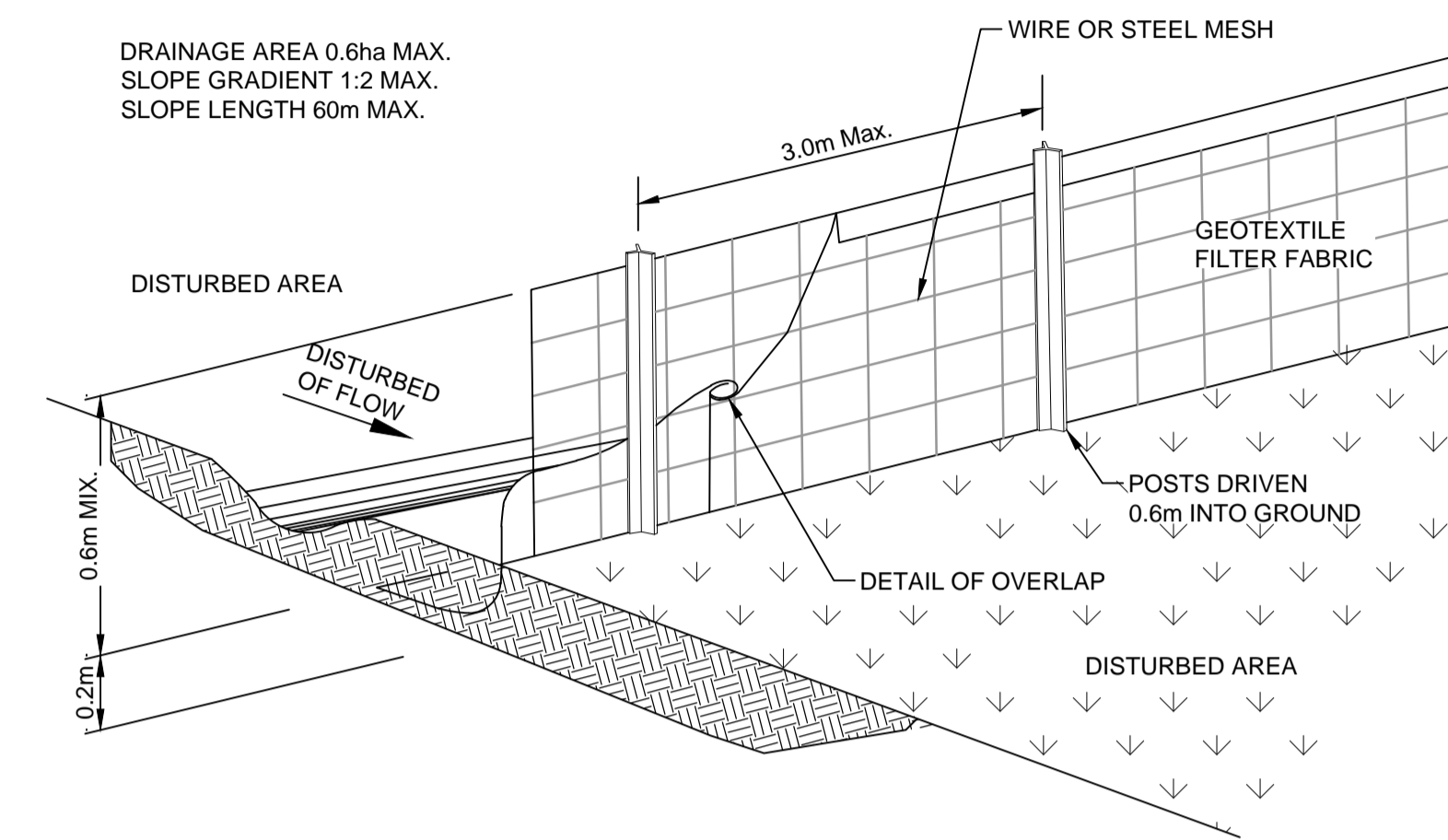
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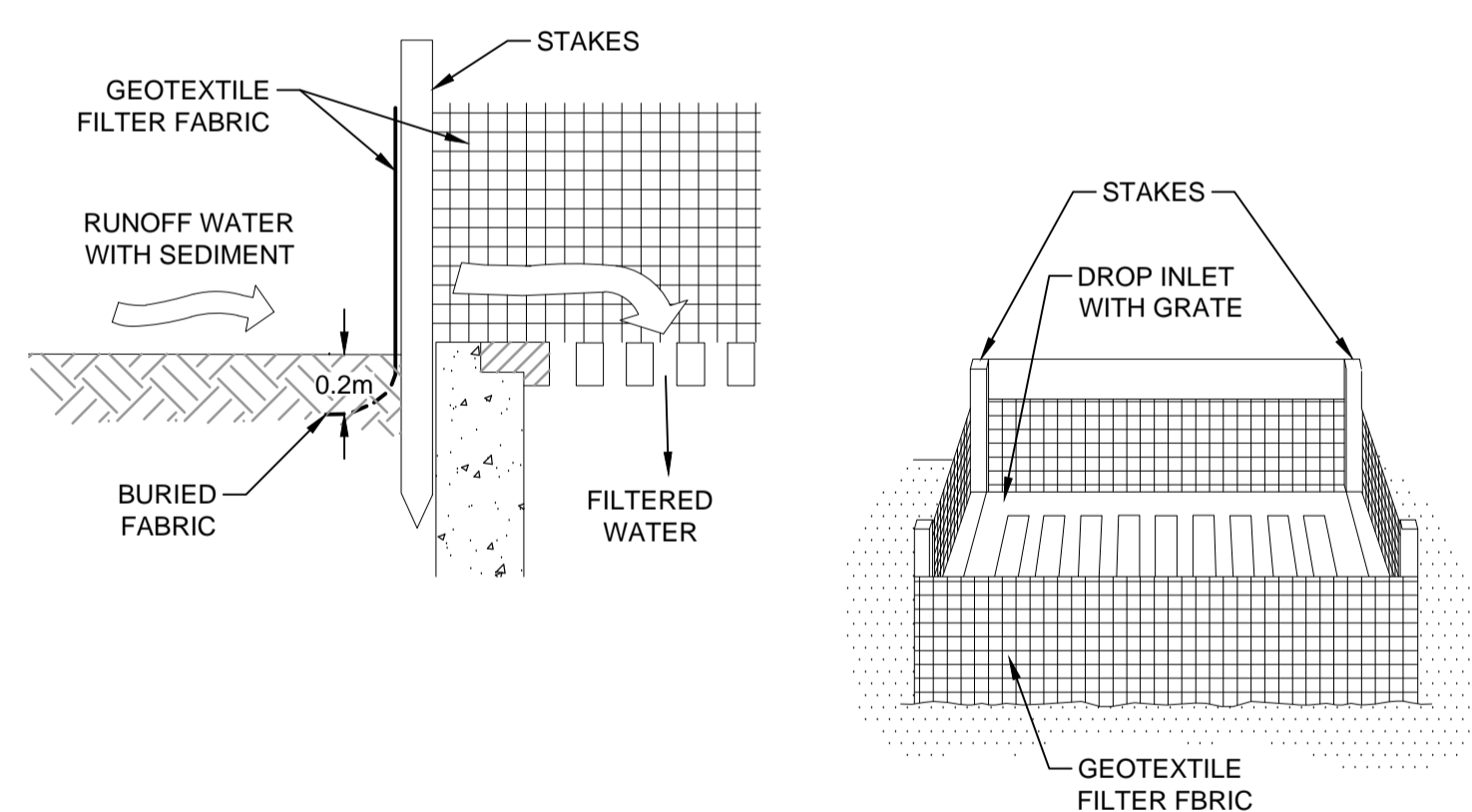
ROCK CHECK DAM
SCALE N.T.S



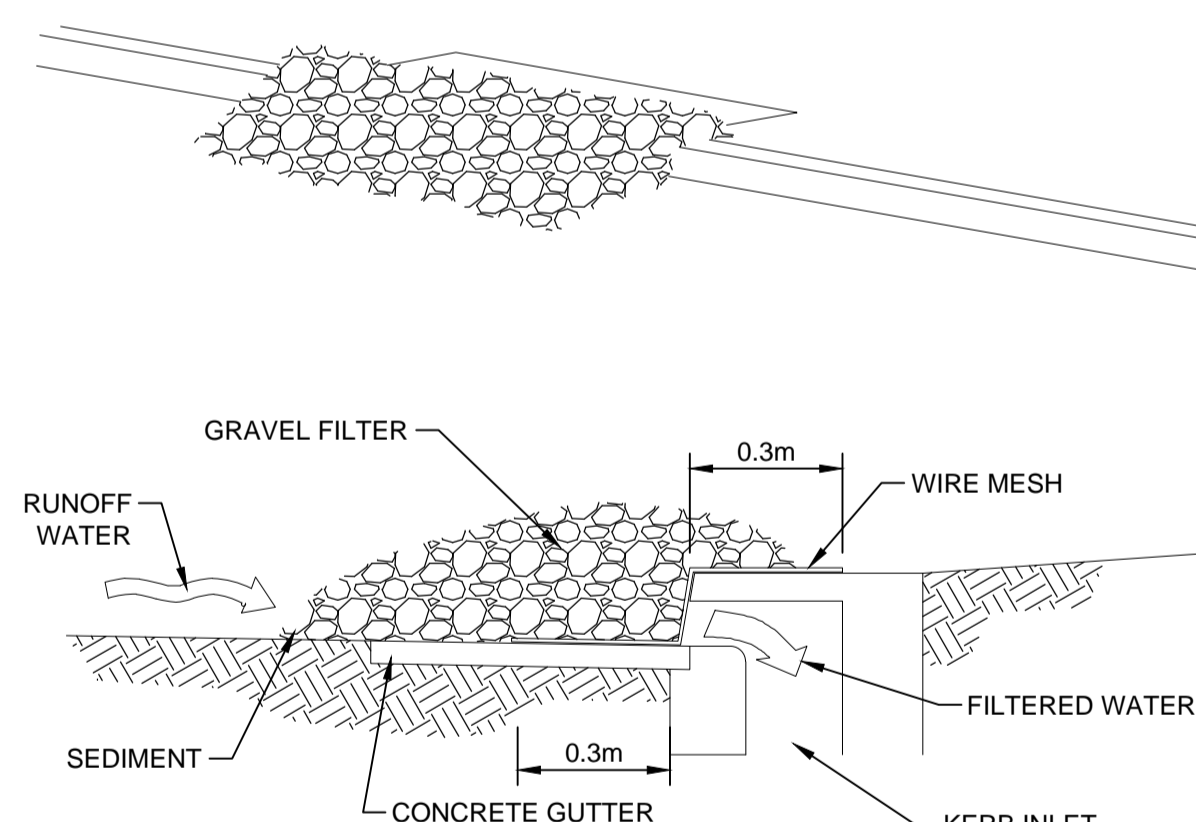
TEMPORARY CONSTRUCTION EXIT
SCALE N.T.S



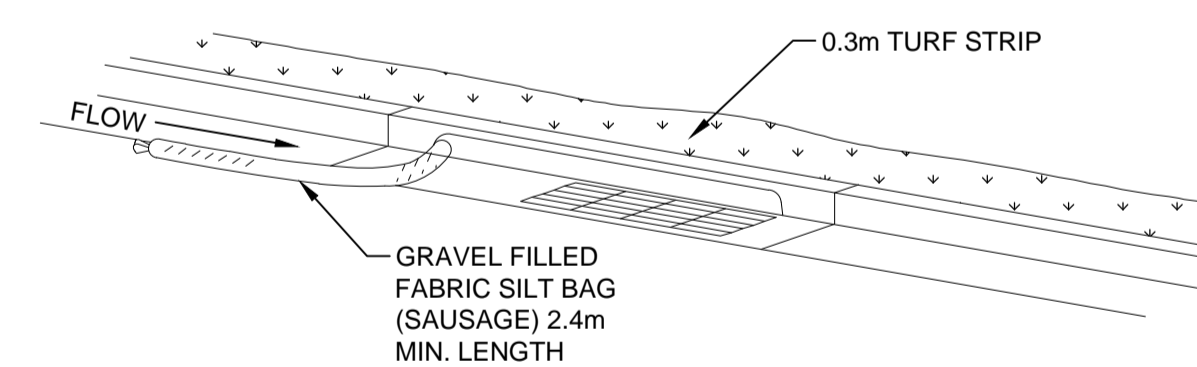
SEDIMENT FENCE
SCALE N.T.S



**GEOTEXTILE FILTER FABRIC
DROP INLET SEDIMENT TRAP**
SCALE N.T.S



GRAVEL KERB INLET SEDIMENT TRAP
SCALE N.T.S



KERB INLET SEDIMENT TRAP
SCALE N.T.S

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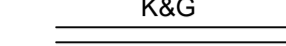






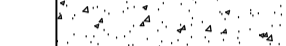











Scale

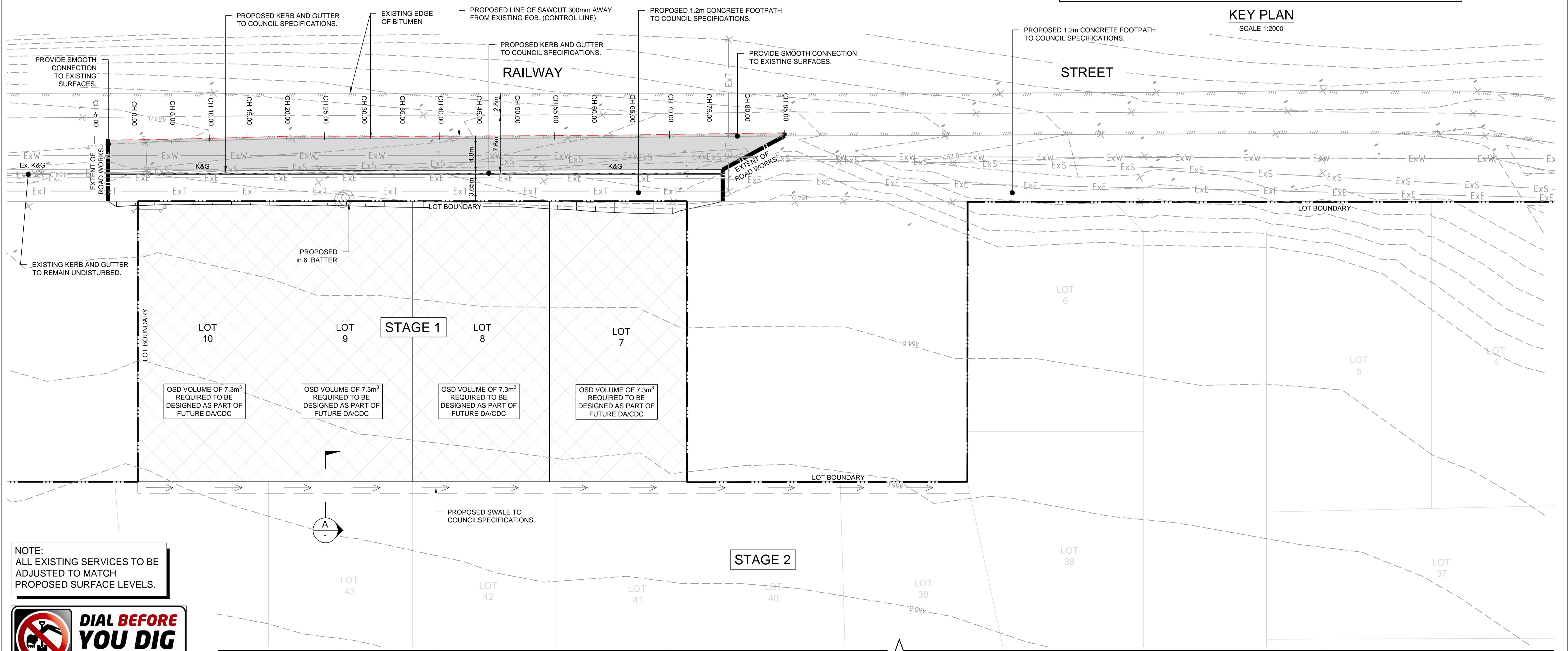
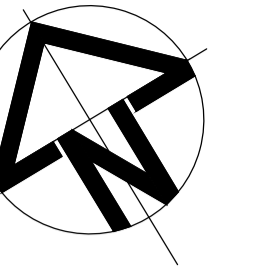
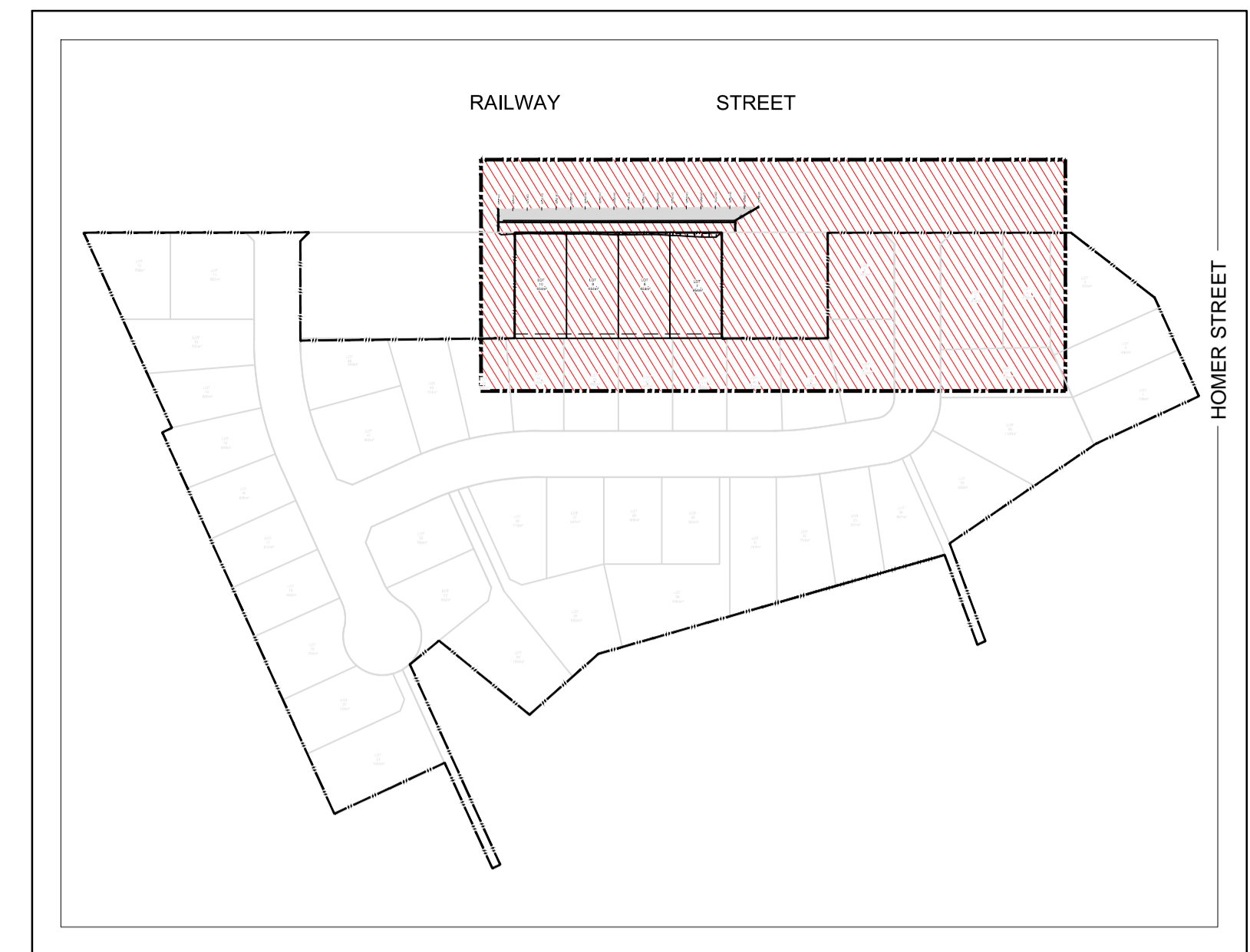
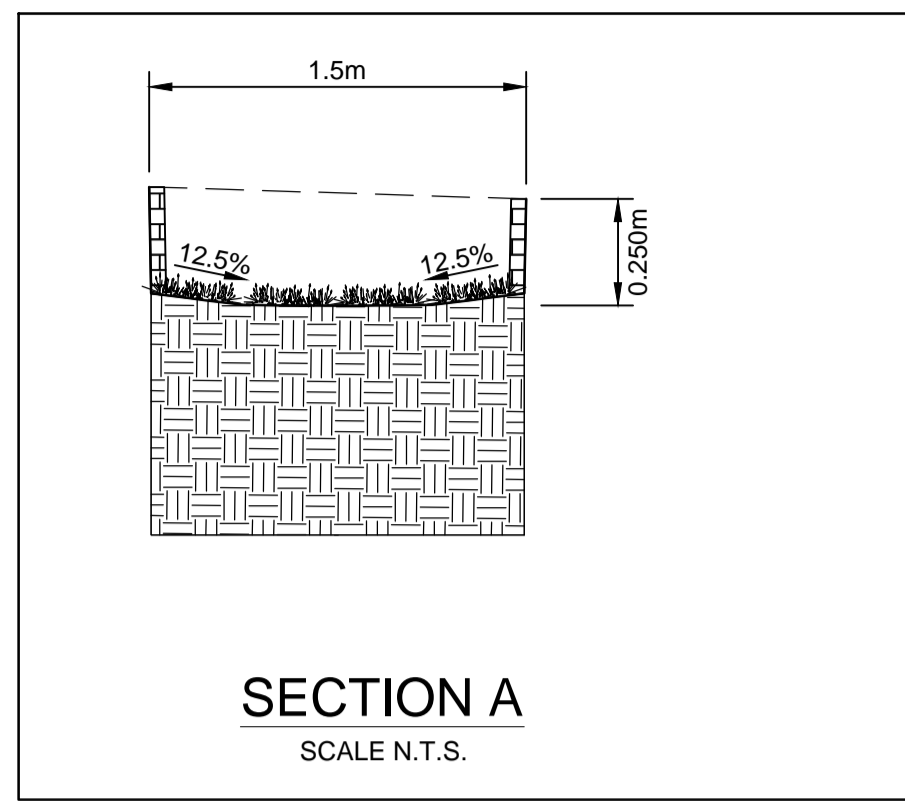
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Project
**1 RAILWAY STREET, GULGONG
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CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

Drawing Title
**EROSION AND SEDIMENT
CONTROL DETAILS**
Scale A1
Project No. 2021184
Dwg. No. 102
Issue A

LEGEND


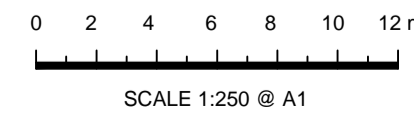

-  LOT BOUNDARY
-  K&G
-  PROPOSED LINE OF SAWCUT (CONTROL LINE)
-  FINISHED CONTOURS
-  PROPOSED ROAD CENTERLINE
-  PROPOSED SWALE
-  PROPOSED ROAD PAVEMENT
-  PROPOSED CONCRETE FOOTPATH
-  STAGE 1
-  Ex. K&G
-  EXISTING KERB & GUTTER
-  ExW
-  EXISTING WATER MAIN
-  ExT
-  EXISTING TELSTRA MAIN
-  ExE
-  EXISTING ELECTRICAL MAIN
-  ExS
-  EXISTING SEWER MAIN
-  EXISTING EDGE OF BITUMEN

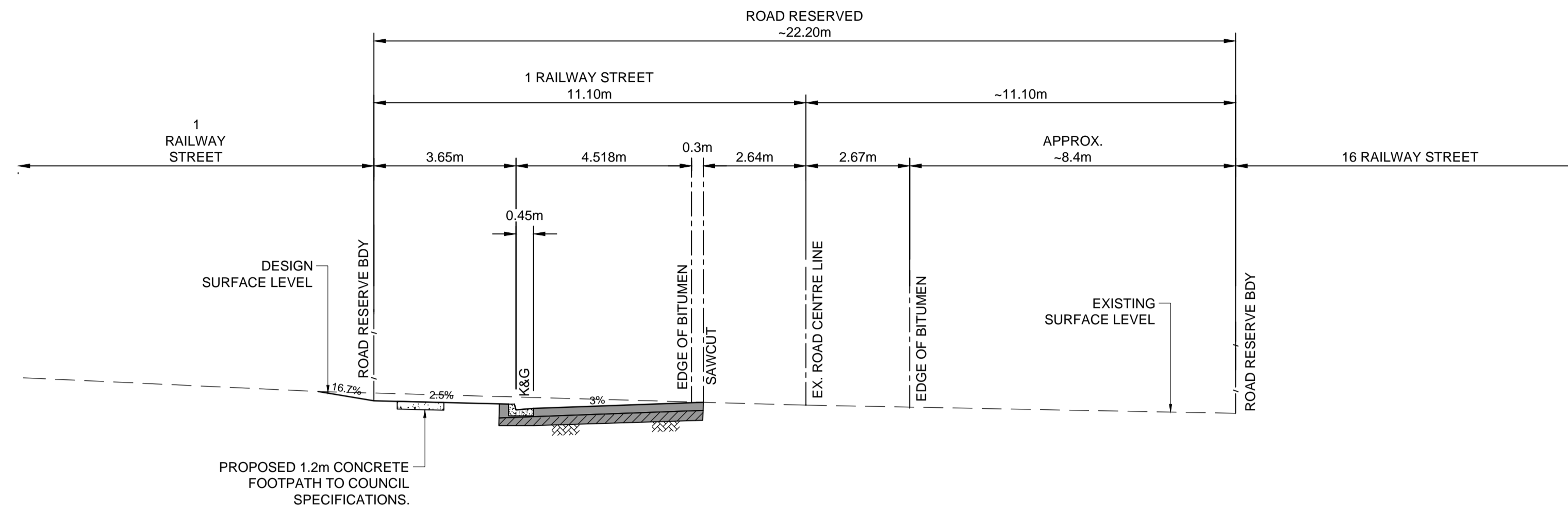


NOTE:
ALL EXISTING SERVICES TO BE ADJUSTED TO MATCH PROPOSED SURFACE LEVELS.

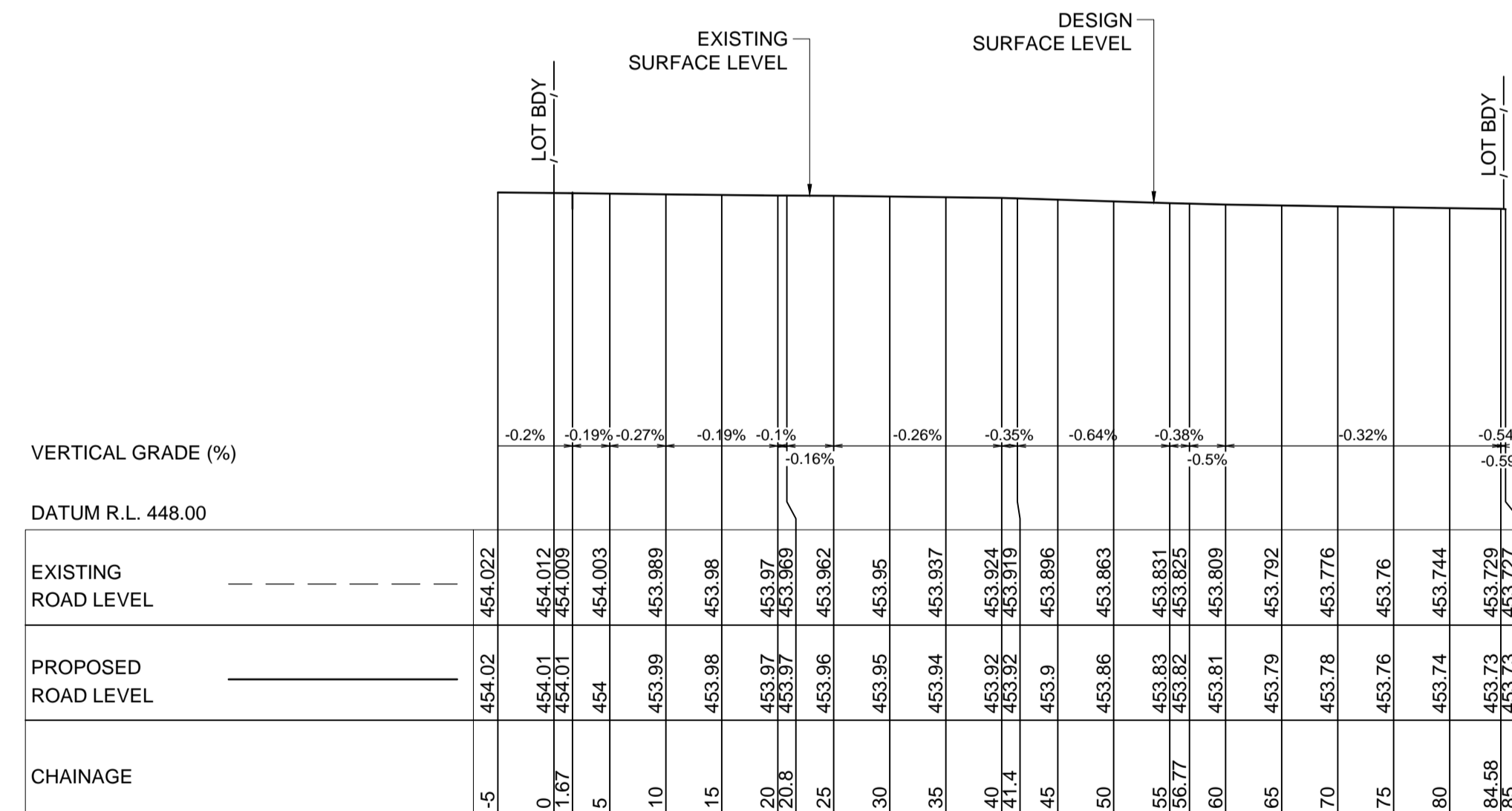


NOT FOR CONSTRUCTION

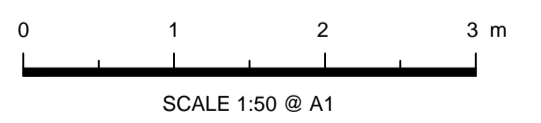
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A</td> <td style="width: 75%;">ISSUE FOR DEVELOPMENT APPLICATION</td> <td style="width: 10%;">22/10/2021</td> <td style="width: 5%;">P.B.T.</td> <td style="width: 5%;">J.A.B.</td> </tr> <tr> <td>Issue</td> <td>Description</td> <td>Date</td> <td>Design</td> <td>Checked</td> </tr> </table>	A	ISSUE FOR DEVELOPMENT APPLICATION	22/10/2021	P.B.T.	J.A.B.	Issue	Description	Date	Design	Checked	<p>Certification By Dr. Michel Chaaya in affiliation with Joe Bacha (formerly Australian Consulting Engineers)</p>	<p>Client MR. ROY AMERY</p> <p>Council MID-WESTERN REGIONAL COUNCIL</p>	<p>Surveyor</p>  <p>Premise</p> <p>DUBBO OFFICE 1ST FLOOR 62 WINGEWARRA STREET DUBBO, NSW 2830 PH: (02) 6887 4500 WEB: www.premise.com.au</p>	<p>Scale</p>  <p>SCALE 1:250 @ A1</p>	 <p>TEL FORD CIVIL DESIGN & CONSTRUCTION EXCELLENCE</p> <p>Level 4, 470 Church Street, Parramatta NSW 2150 PO BOX 3579 Parramatta 2124</p> <p>Email : info@telfordcivil.com.au PHONE : 02 7809 4931</p>	<p>Project</p> <p>1 RAILWAY STREET, GULGONG PROPOSED RESIDENTIAL SUBDIVISION CIVIL ENGINEERING PLANS DEVELOPMENT APPLICATION</p>	<p>Drawing Title</p> <p>ROADWORKS AND DRAINAGE LAYOUT PLAN</p> <p>Scale A1 AS SHOWN Project No. 2021184 Dwg. No. 300 Issue A</p>
A	ISSUE FOR DEVELOPMENT APPLICATION	22/10/2021	P.B.T.	J.A.B.													
Issue	Description	Date	Design	Checked													



CROSS SECTION (RAILWAY STREET)
SCALE 1:50



RAILWAY STREET - LONGITUDINAL SECTION (CONTROL LINE SAWCUT)
SCALE (H) 1:500
(V) 1:100



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Issue	Description	Date	Design	Checked
A	ISSUE FOR DEVELOPMENT APPLICATION	22/10/2021	P.B.T.	J.A.B.

Certification By Dr. Michel Chaaya
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Australian Consulting Engineers)

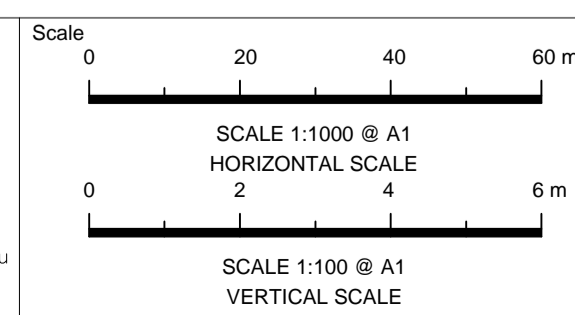
Client
MR. ROY AMERY

Council
MID-WESTERN REGIONAL COUNCIL

Surveyor

Premise

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1ST FLOOR
62 WINGEWARRA STREET
DUBBO, NSW 2830
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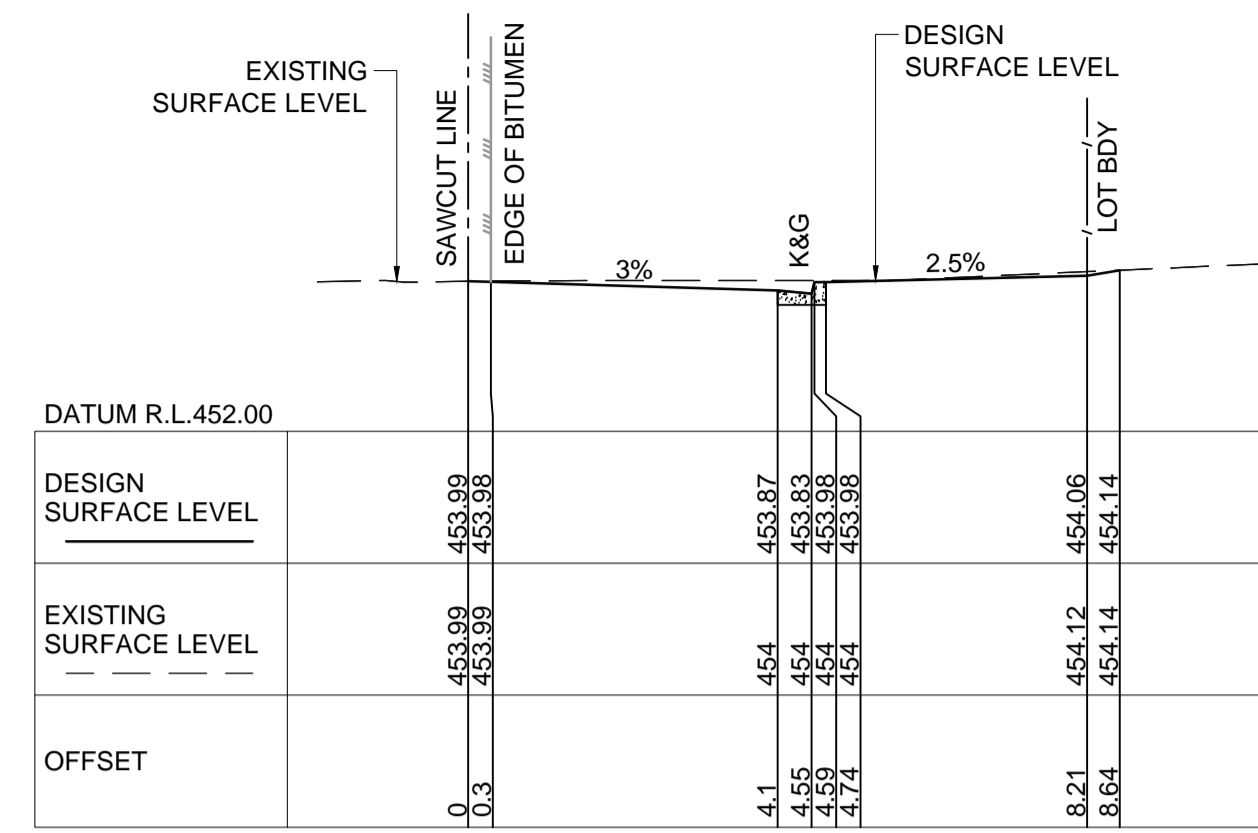
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DESIGN & CONSTRUCTION EXCELLENCE

Level 4, 470 Church Street,
Parramatta NSW 2150
PO BOX 3579 Parramatta 2124

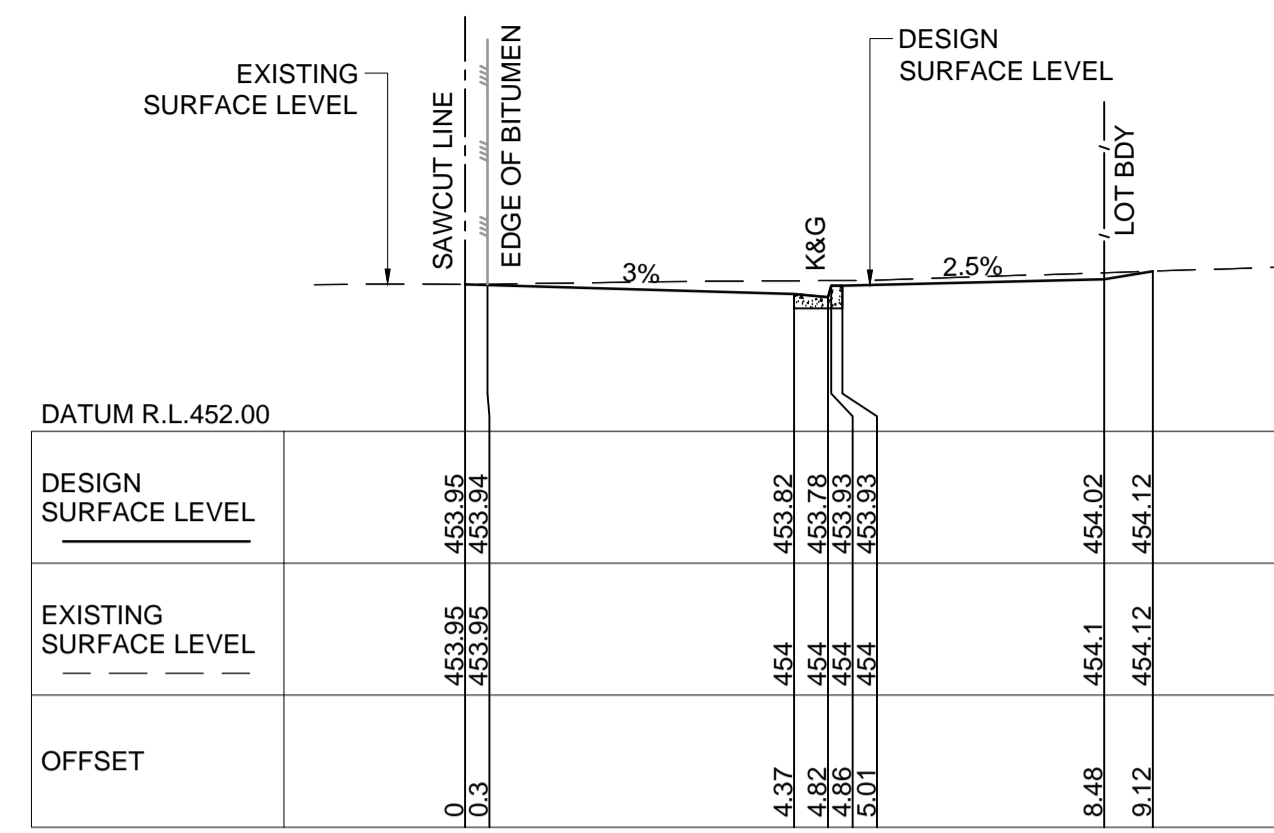
Email : info@telfordcivil.com.au
PHONE : 02 7809 4931

Project
**1 RAILWAY STREET, GULGONG
PROPOSED RESIDENTIAL SUBDIVISION
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

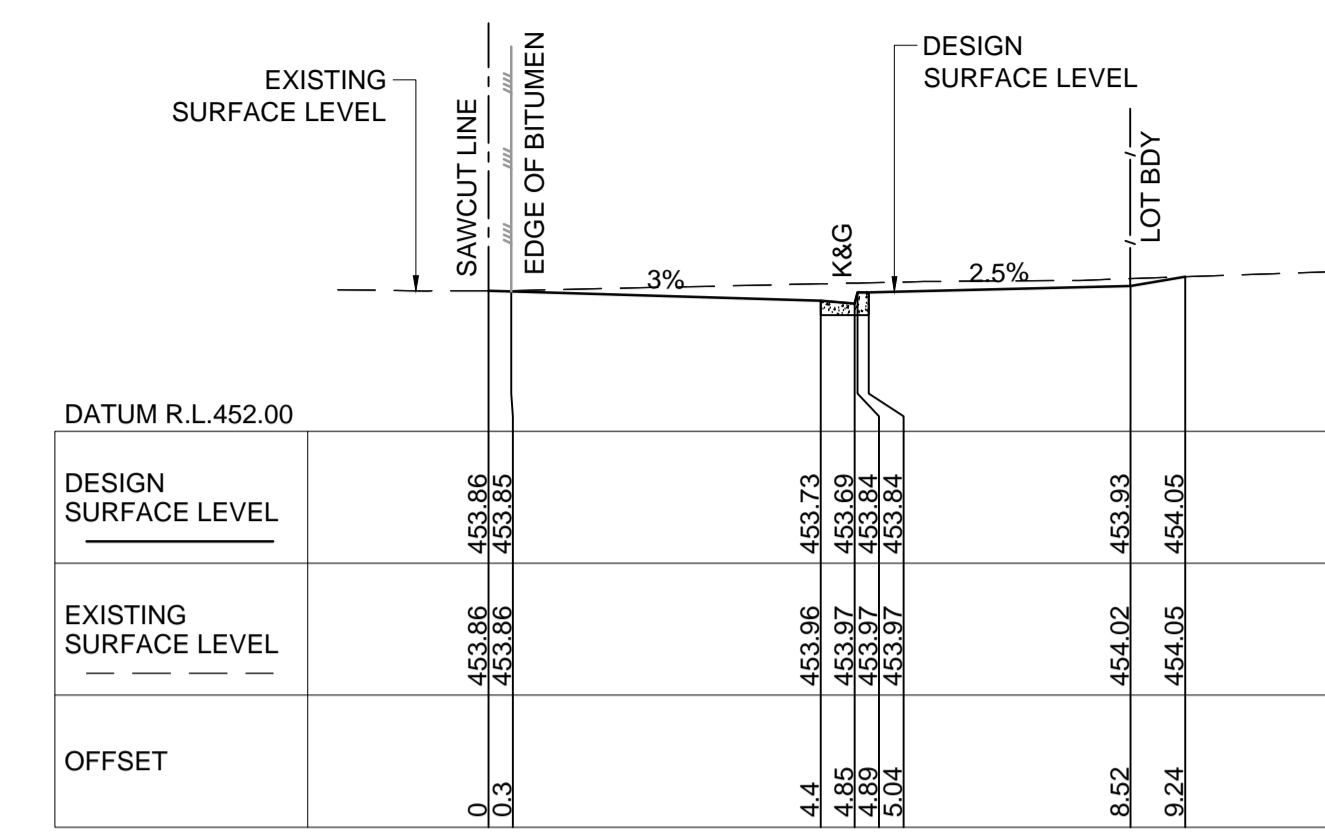
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Scale	A1	Project No.	2021184
AS SHOWN		Dwg. No.	302
		Issue	A



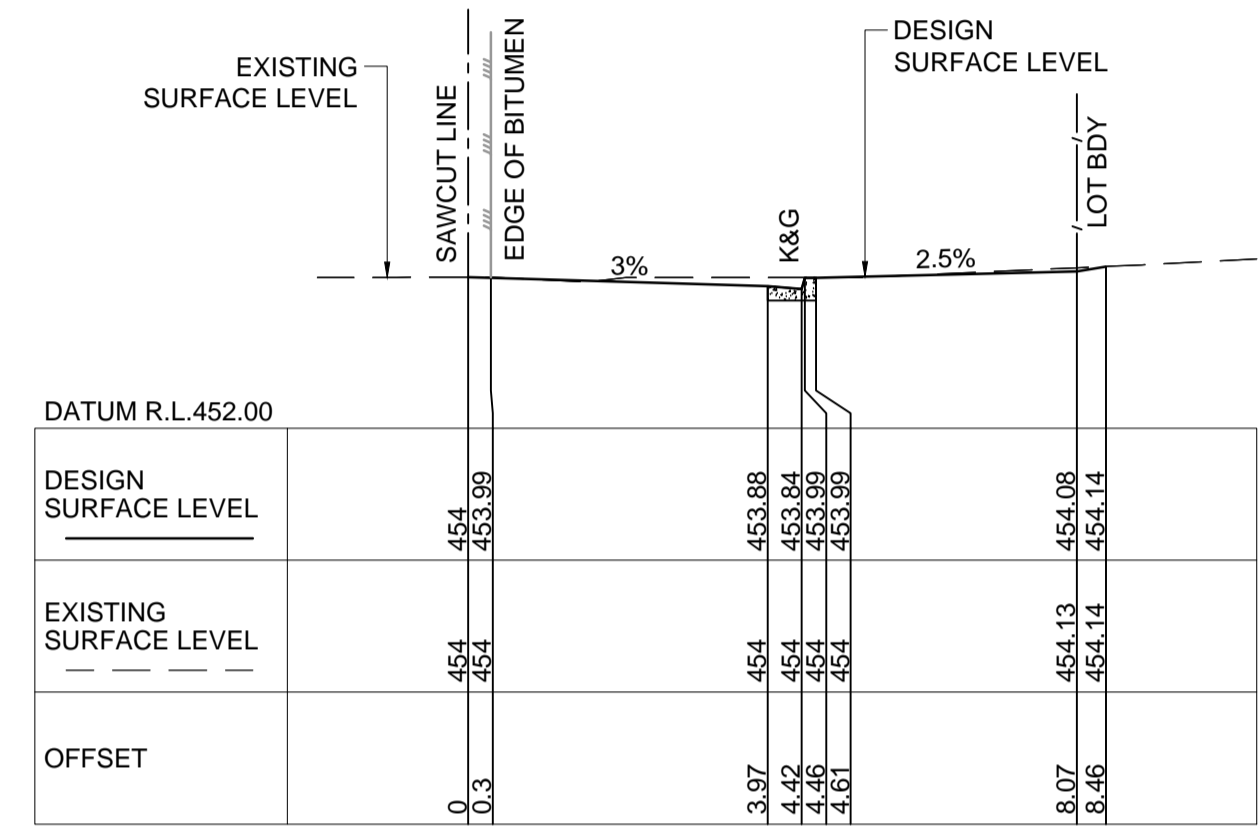
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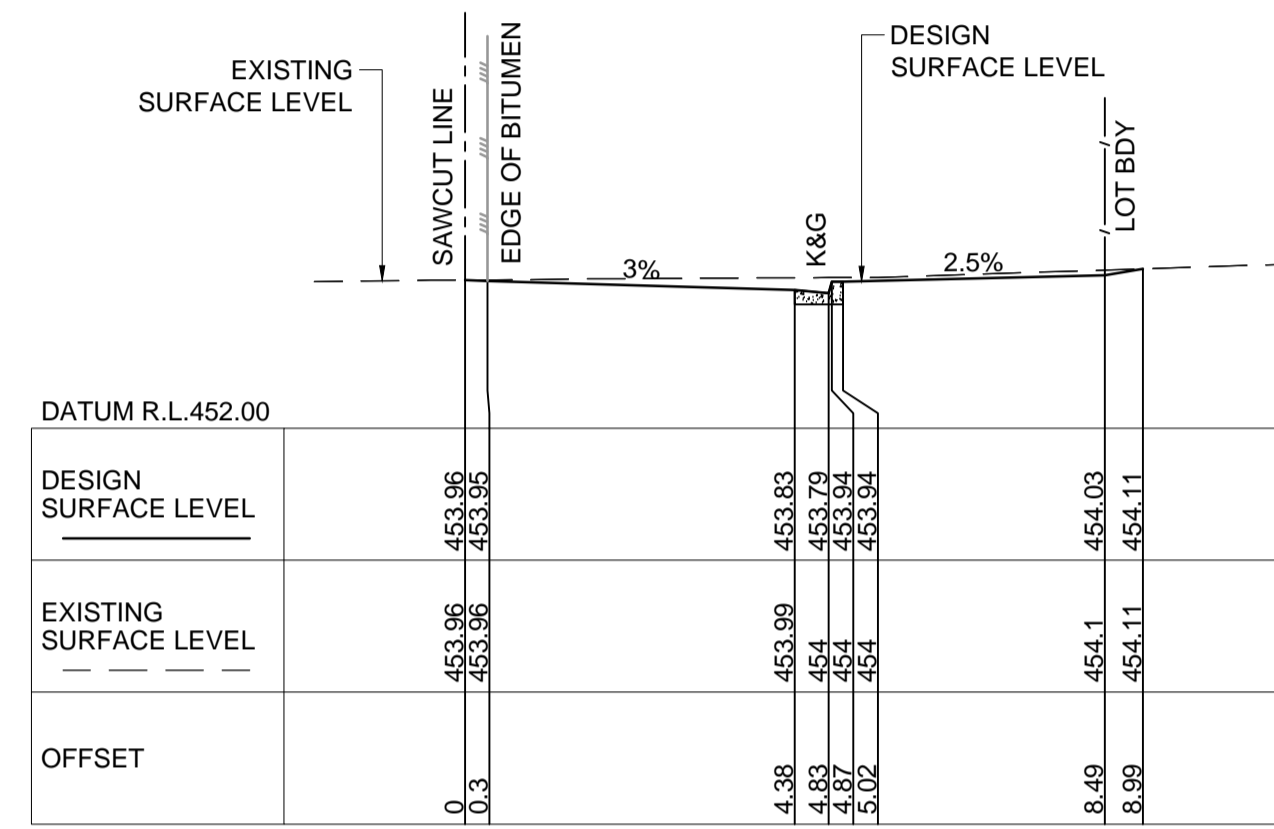
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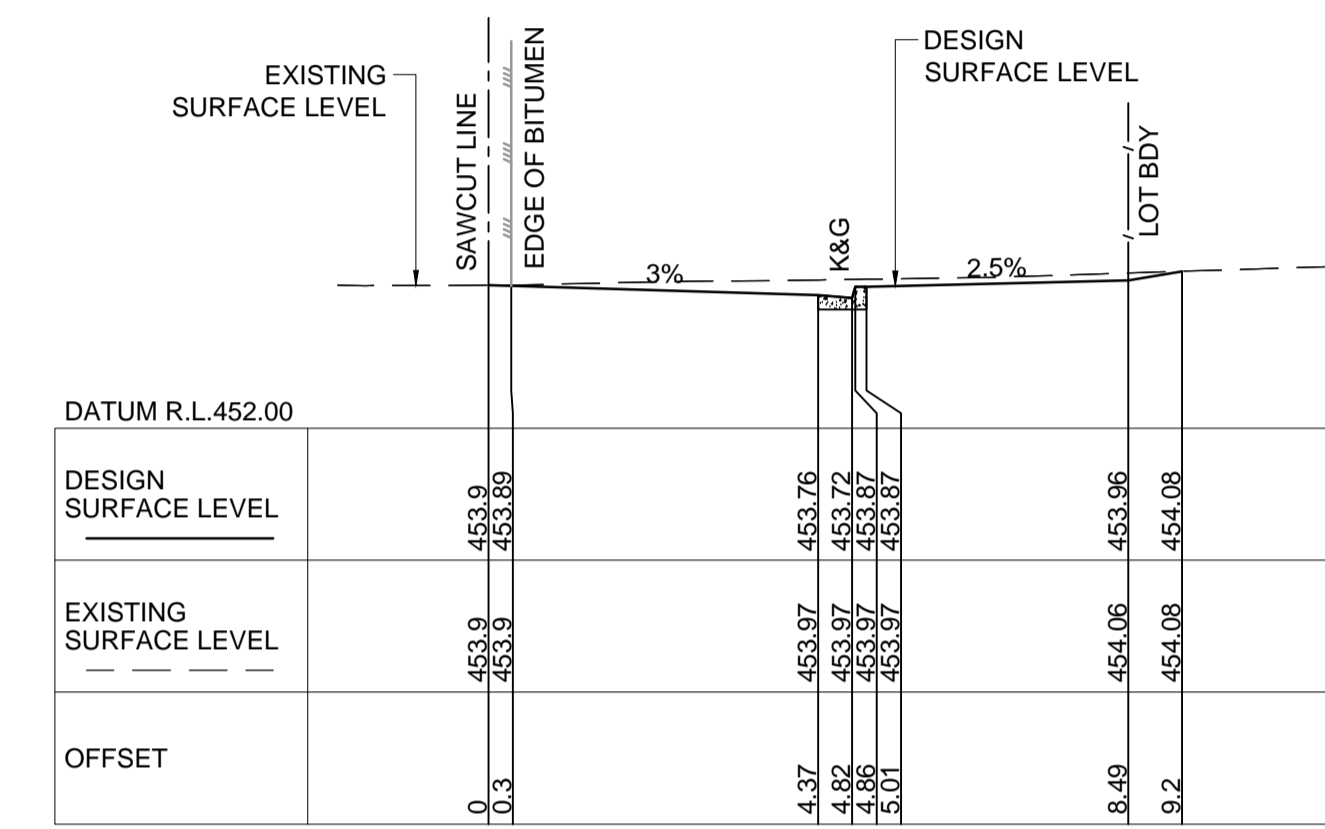
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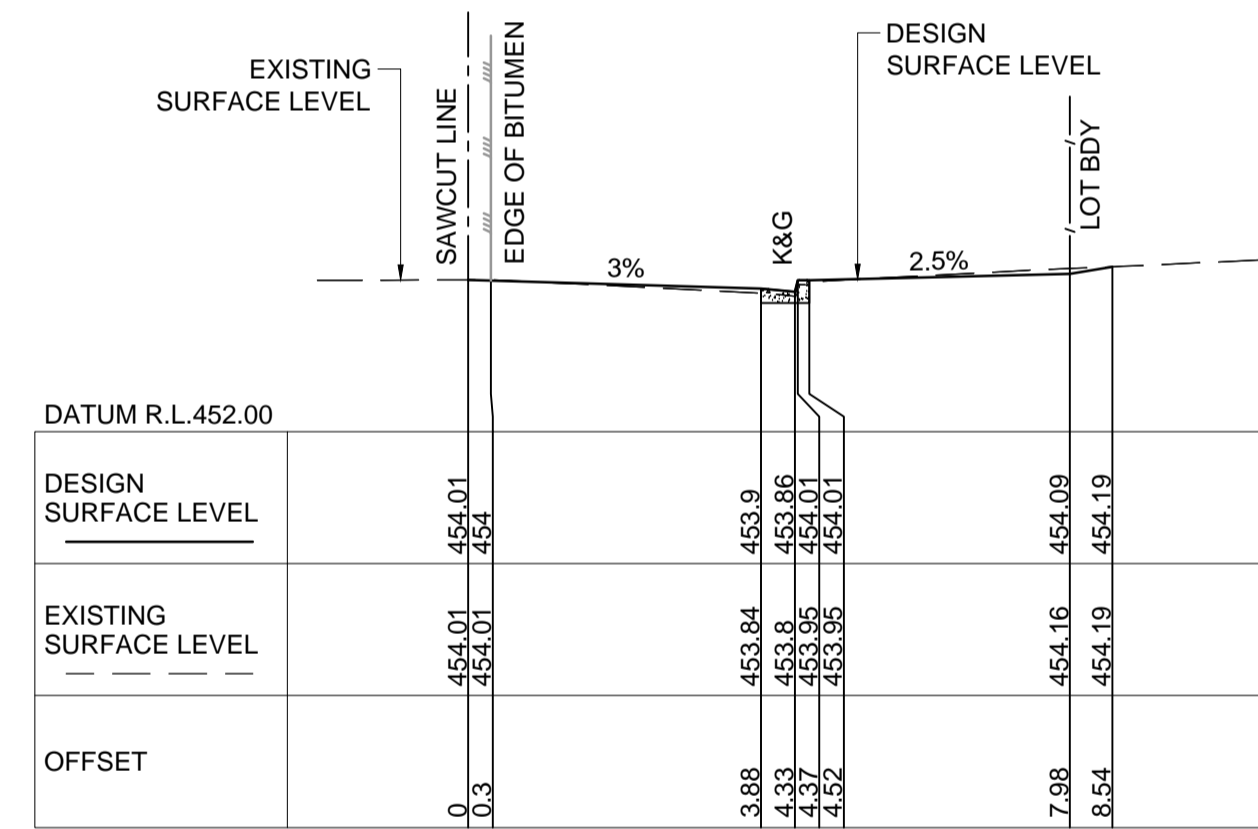
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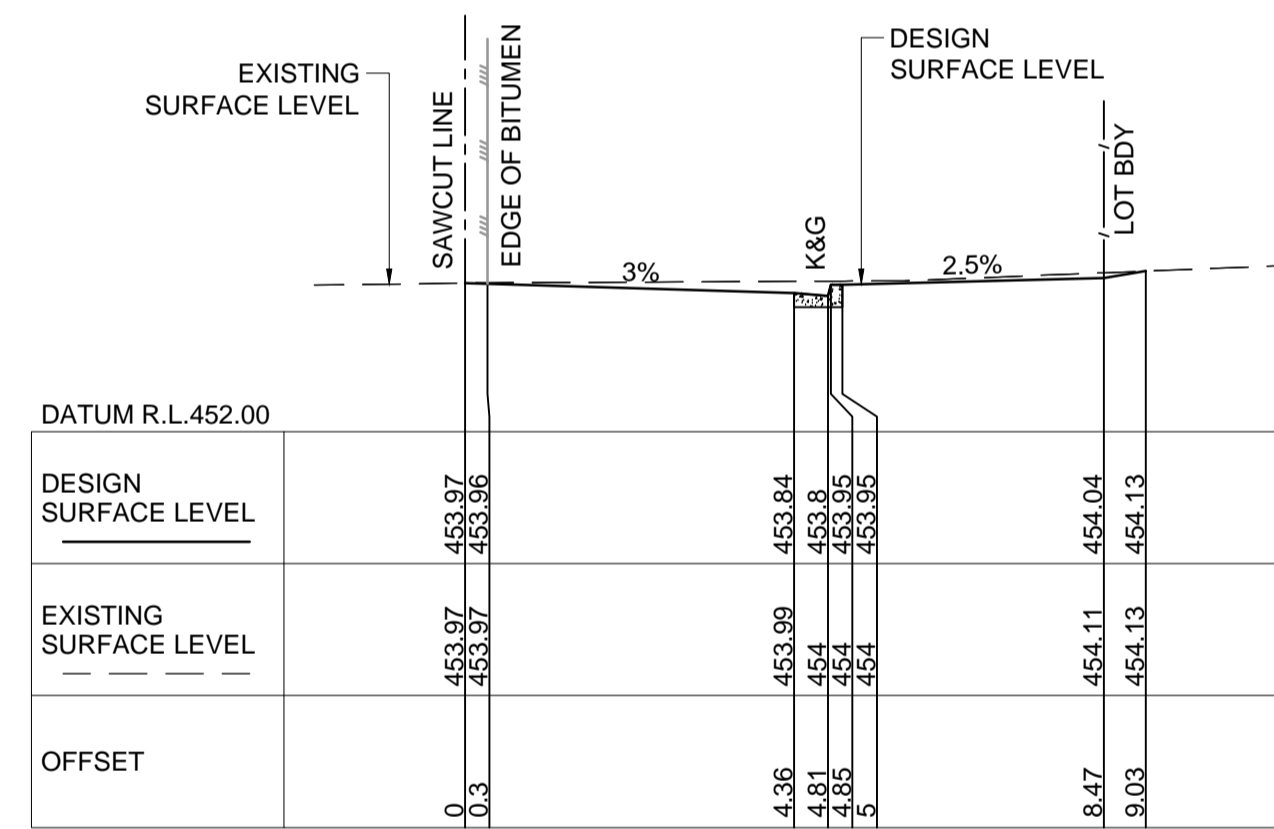
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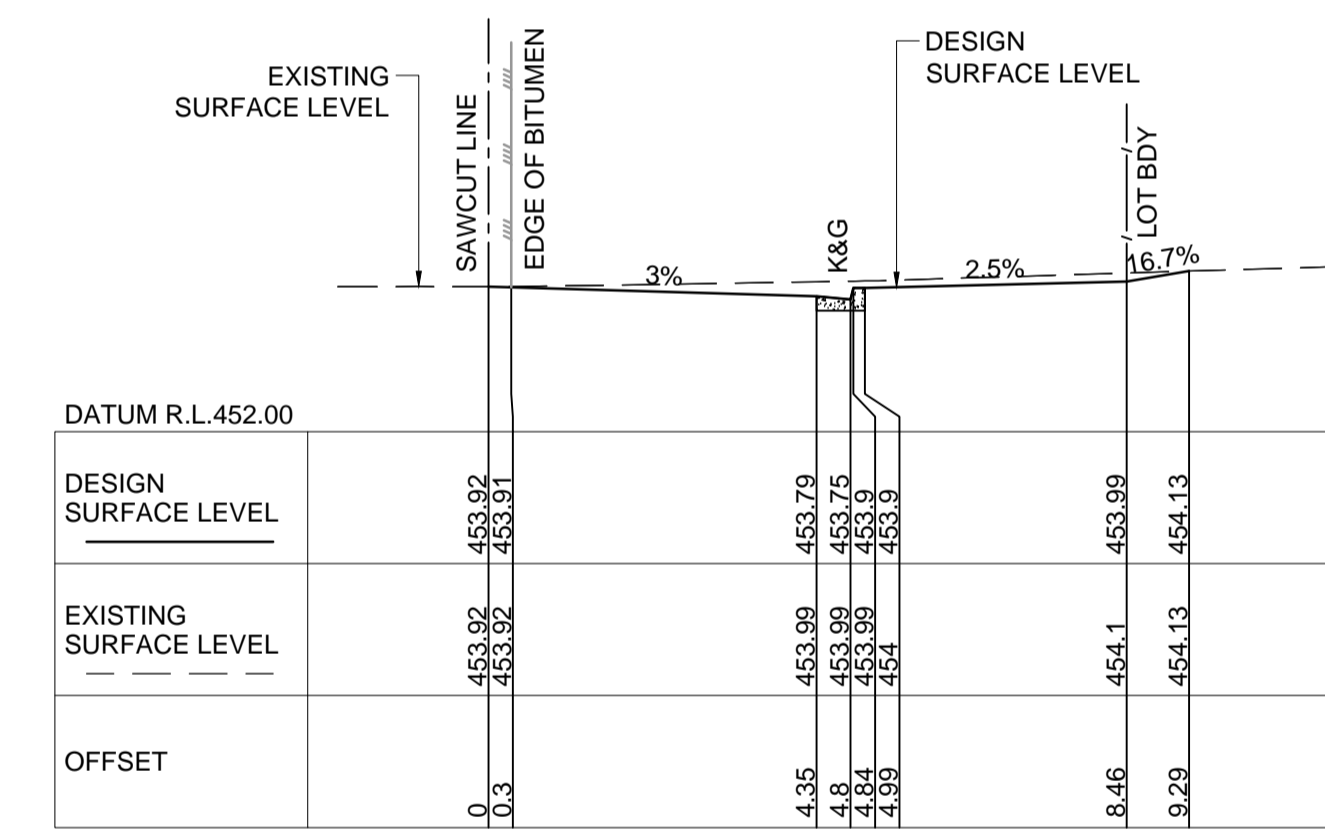
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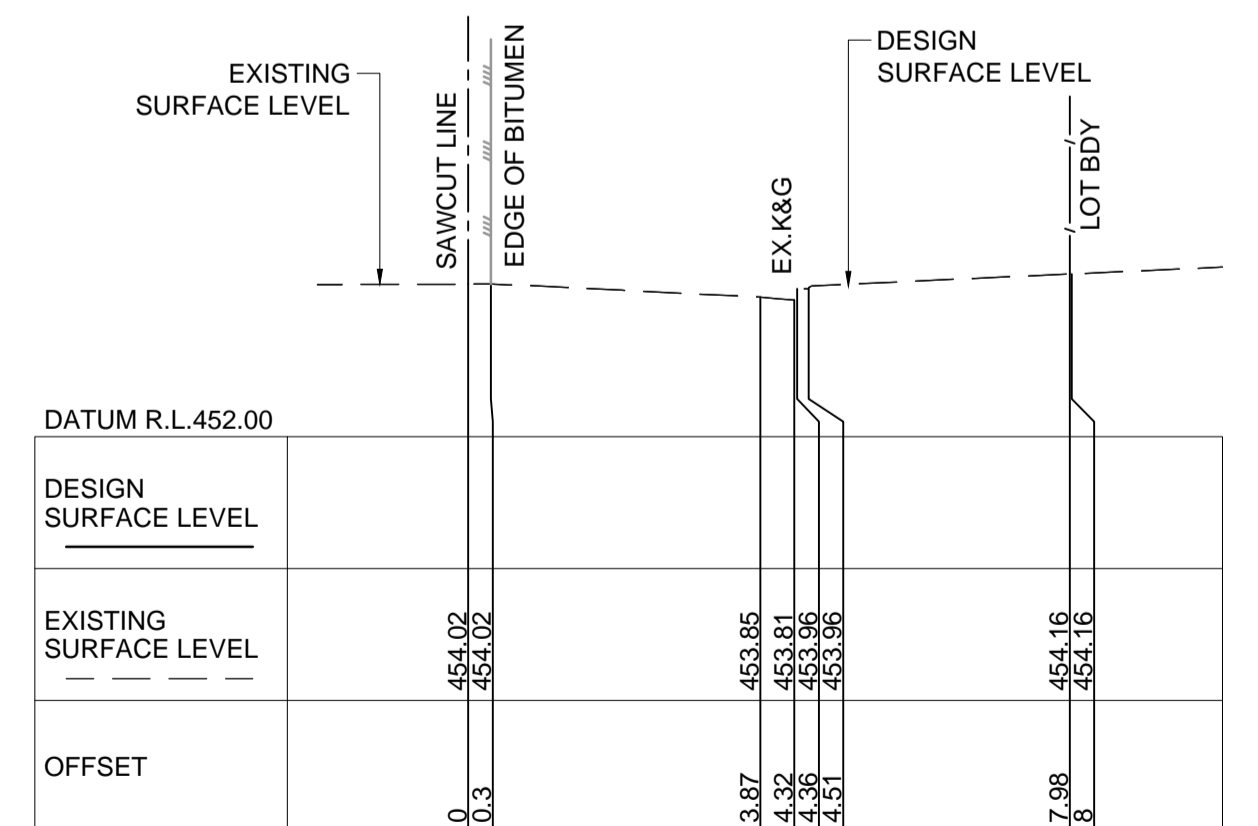
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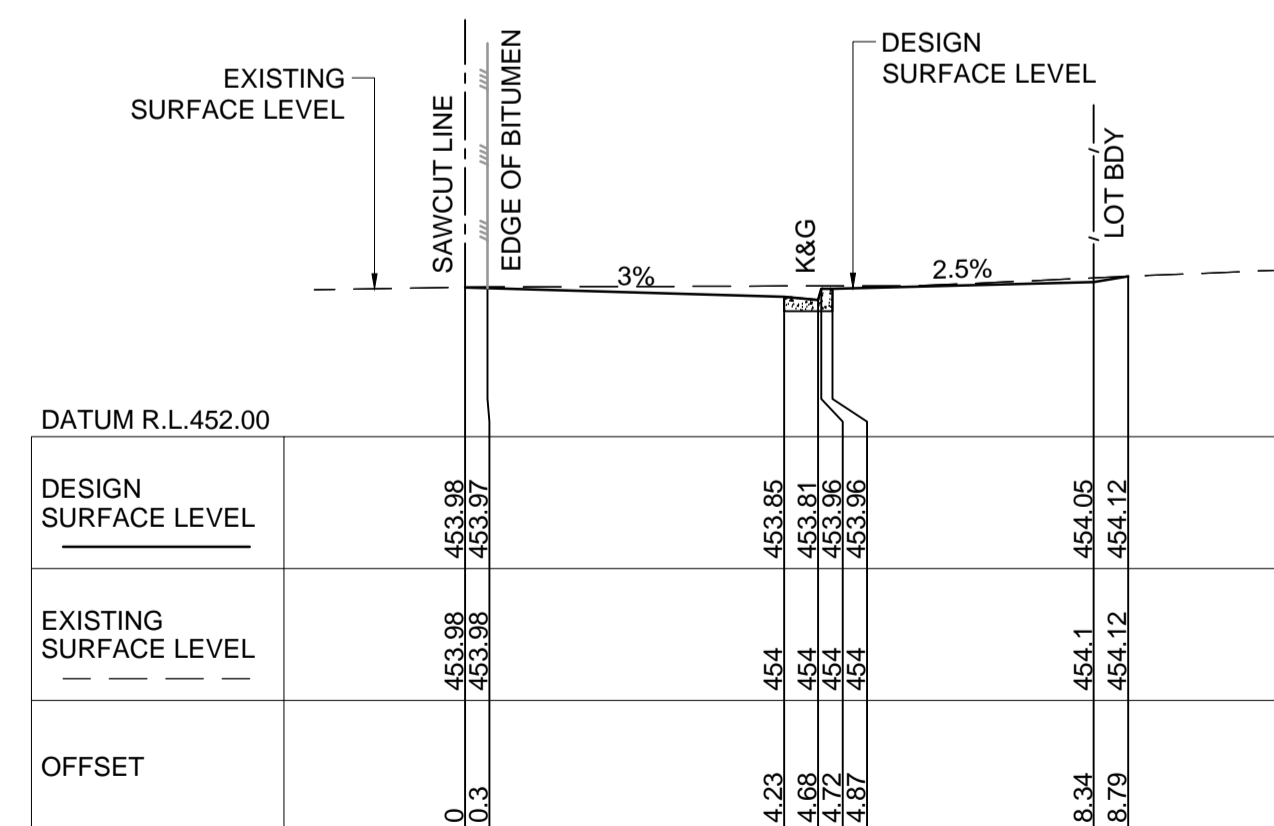
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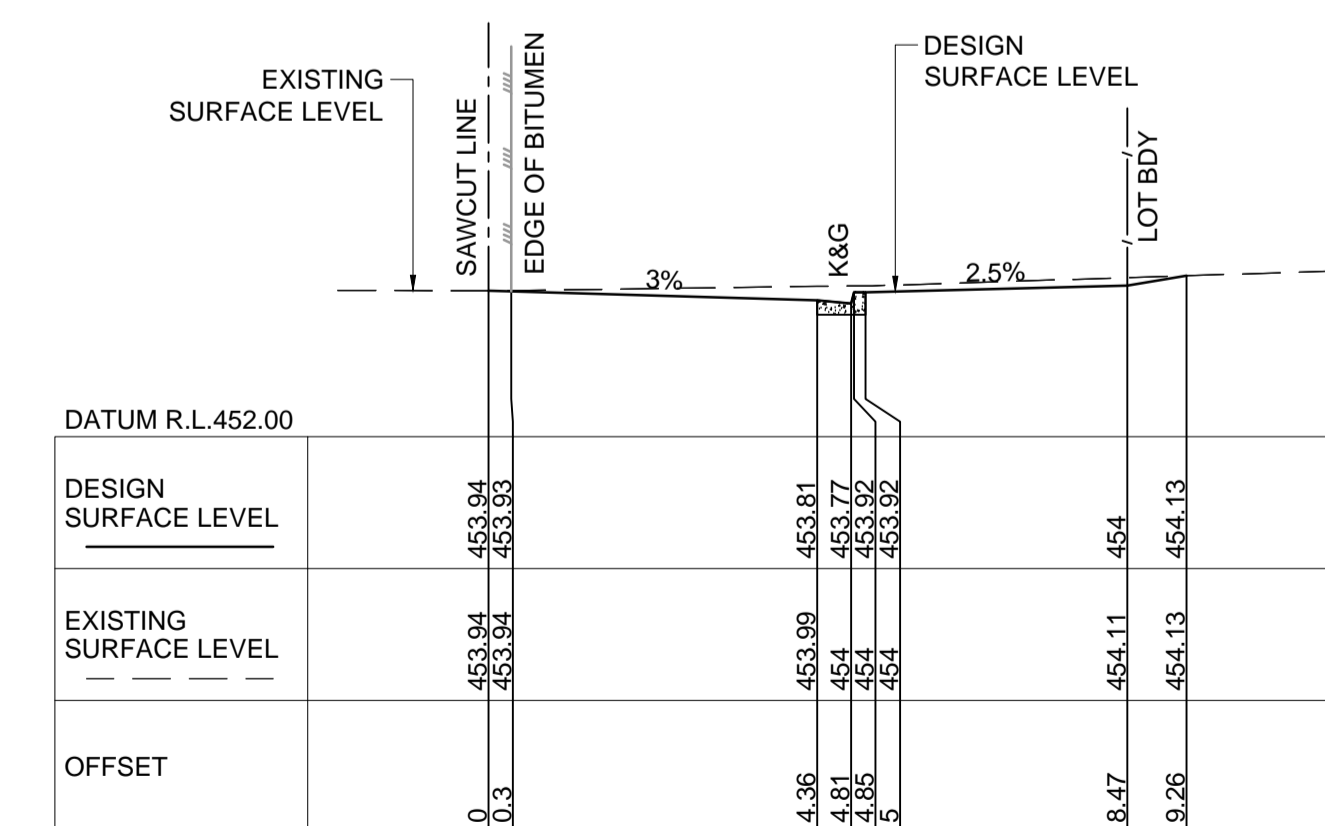
CH. 40.00



CH. -5.00 - EXTENT OF WORKS



CH. 15.00



CH. 35.00

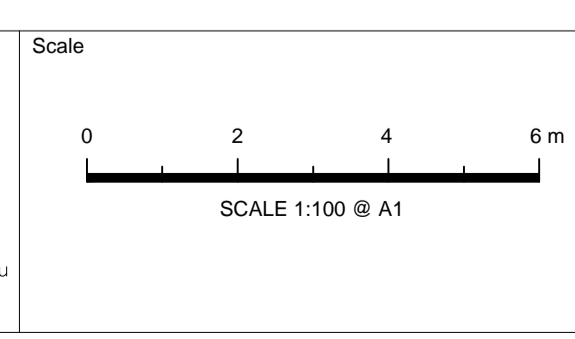
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A		ISSUE FOR DEVELOPMENT APPLICATION	22/10/2021	P.B.T.	J.A.B.
Issue	Description	Date	Design	Checked	

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Council
**MID-WESTERN
REGIONAL COUNCIL**

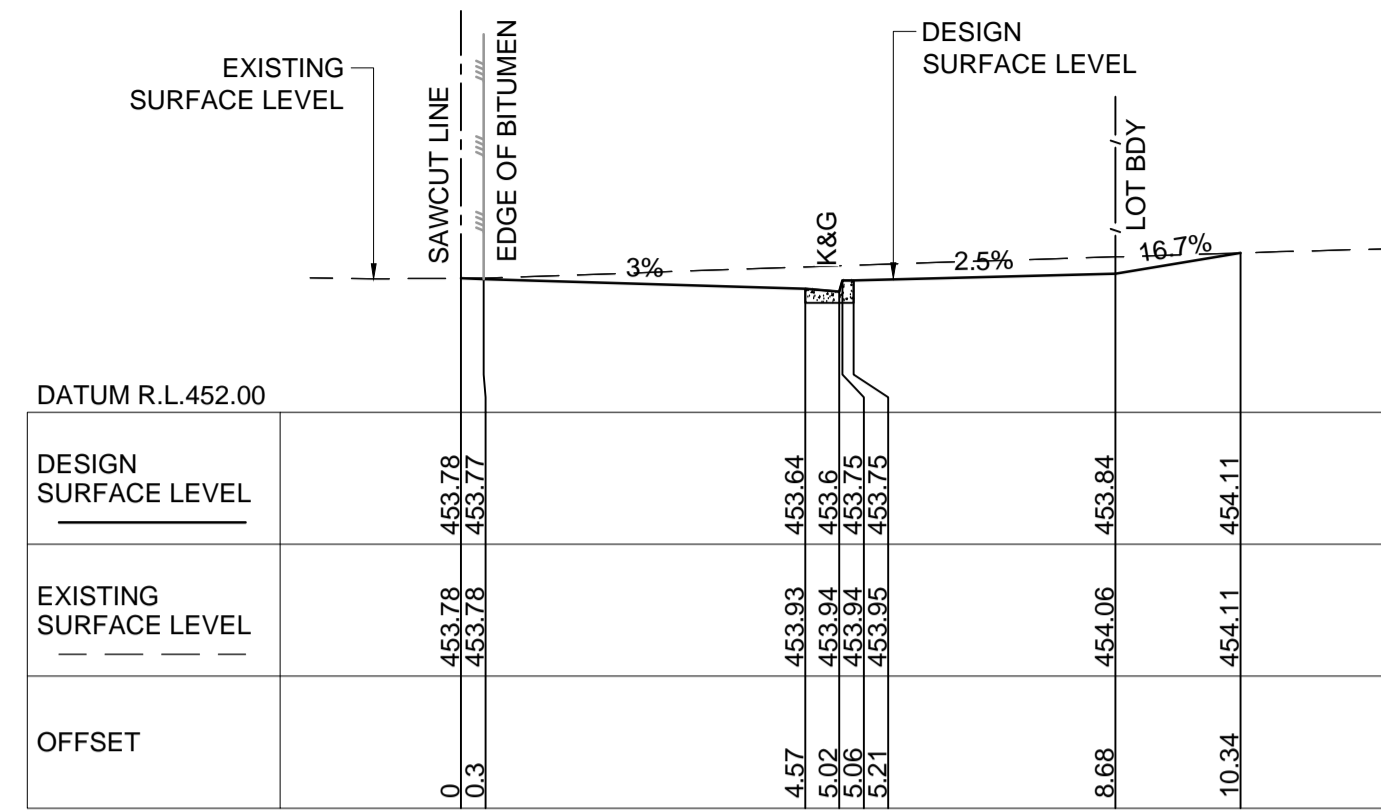
Surveyor
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DUBBO OFFICE
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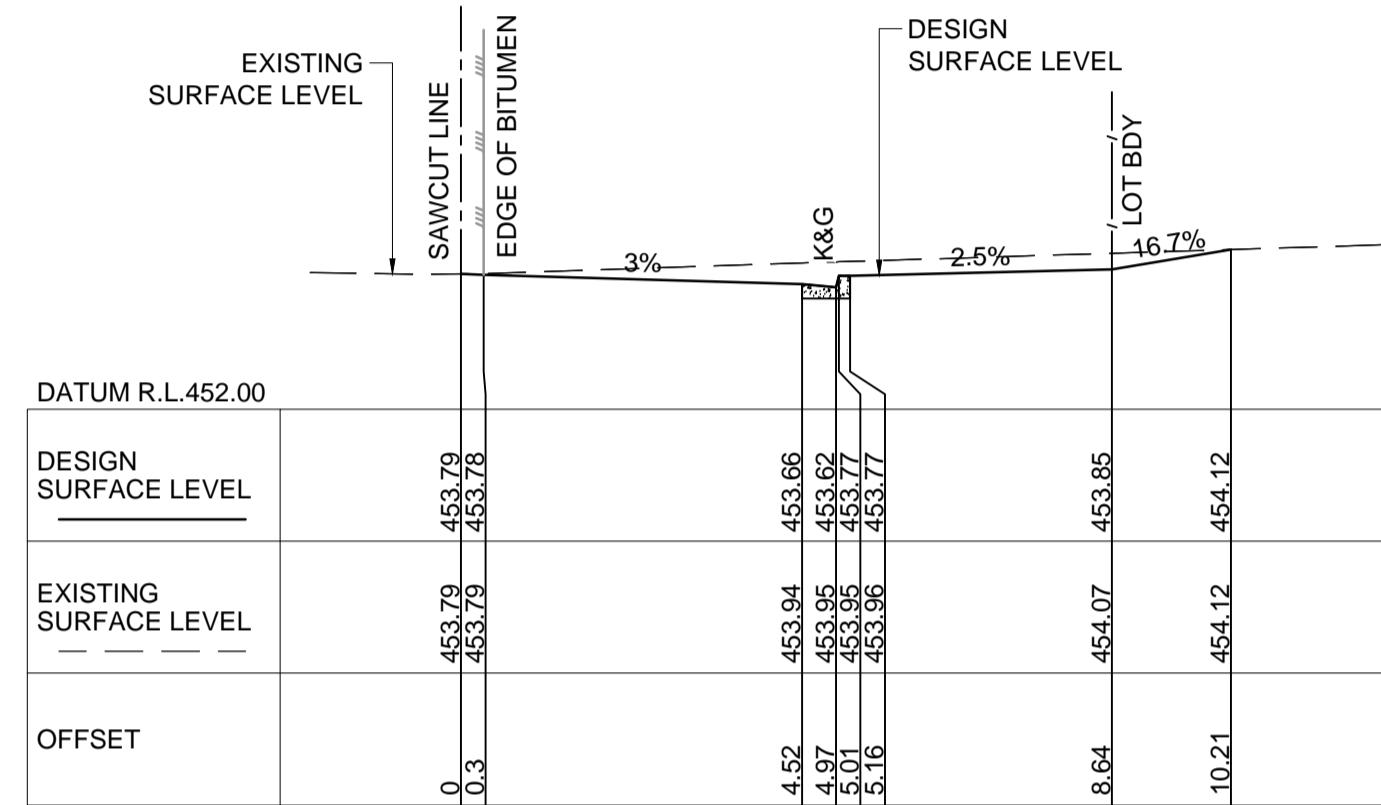
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Project
**1 RAILWAY STREET, GULGONG
PROPOSED RESIDENTIAL SUBDIVISION
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

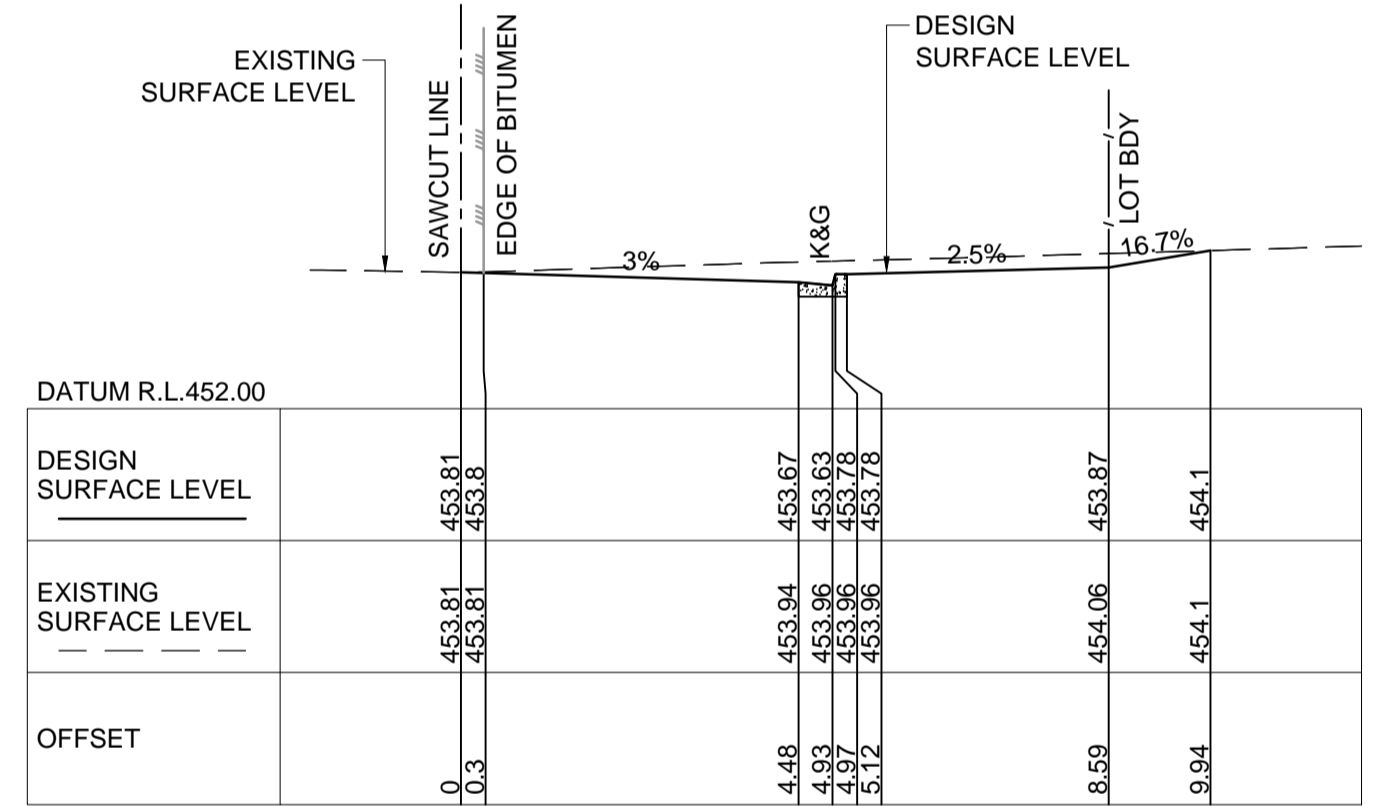
Drawing Title
**RAILWAY STREET
CROSS SECTIONS
SHEET 1 OF 2**
Scale A1
1:100
Project No.
2021184
Dwg. No.
303
Issue
A



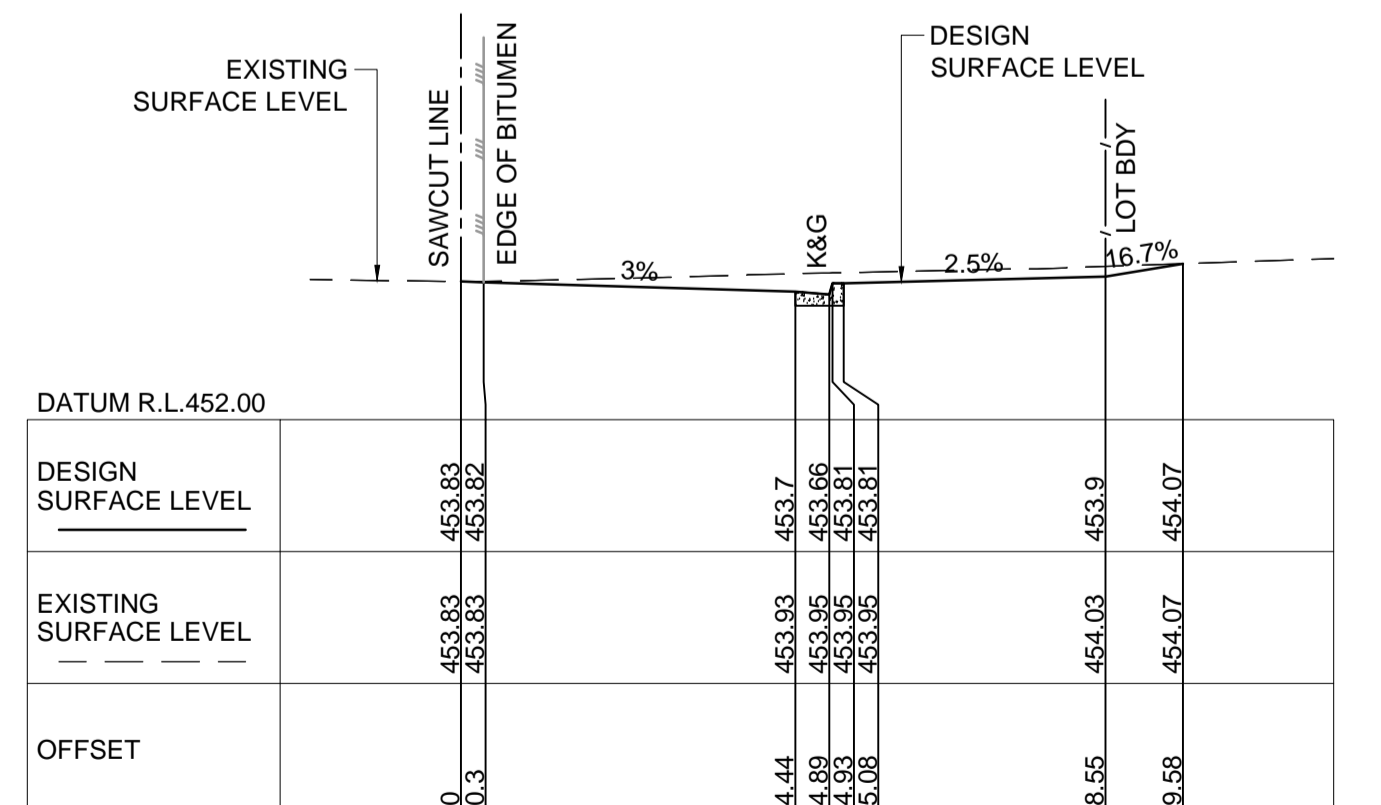
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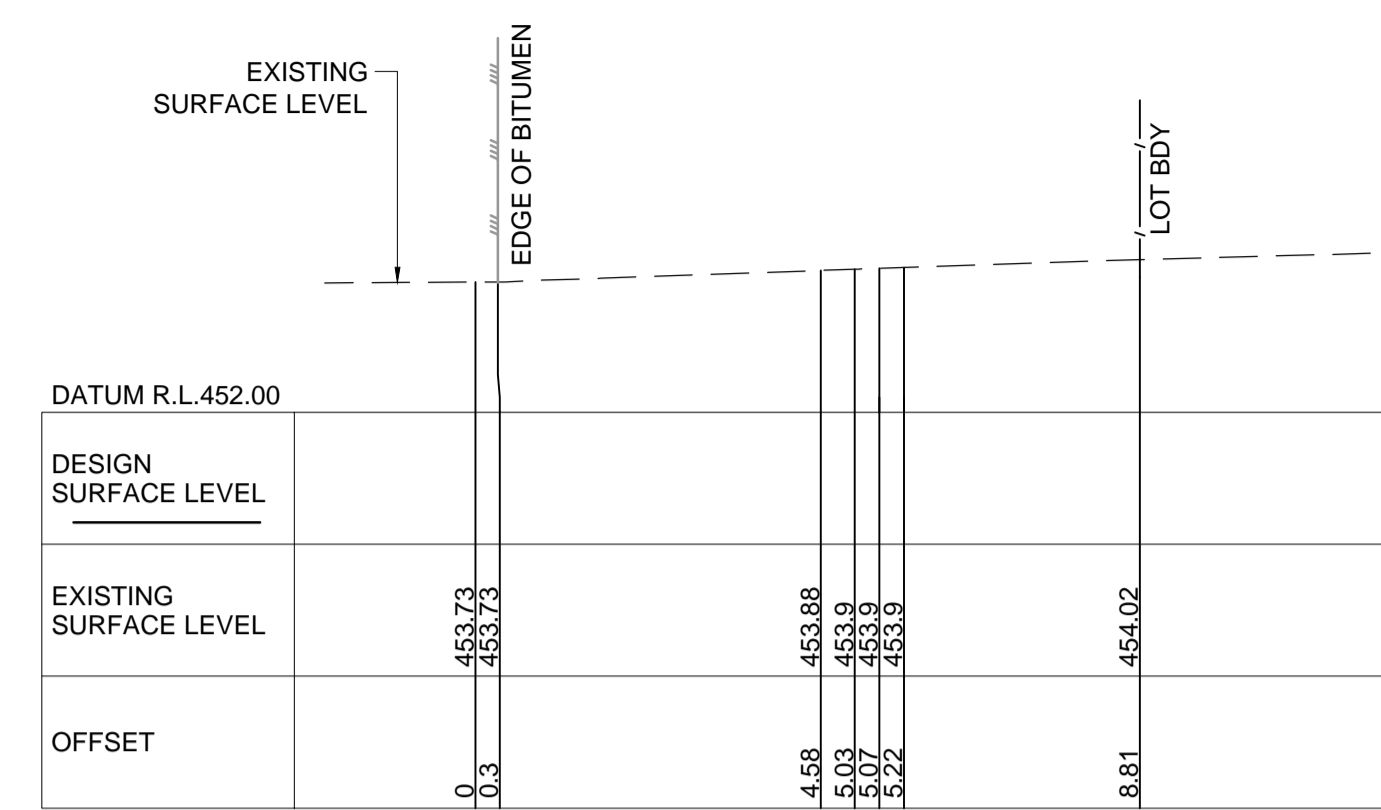
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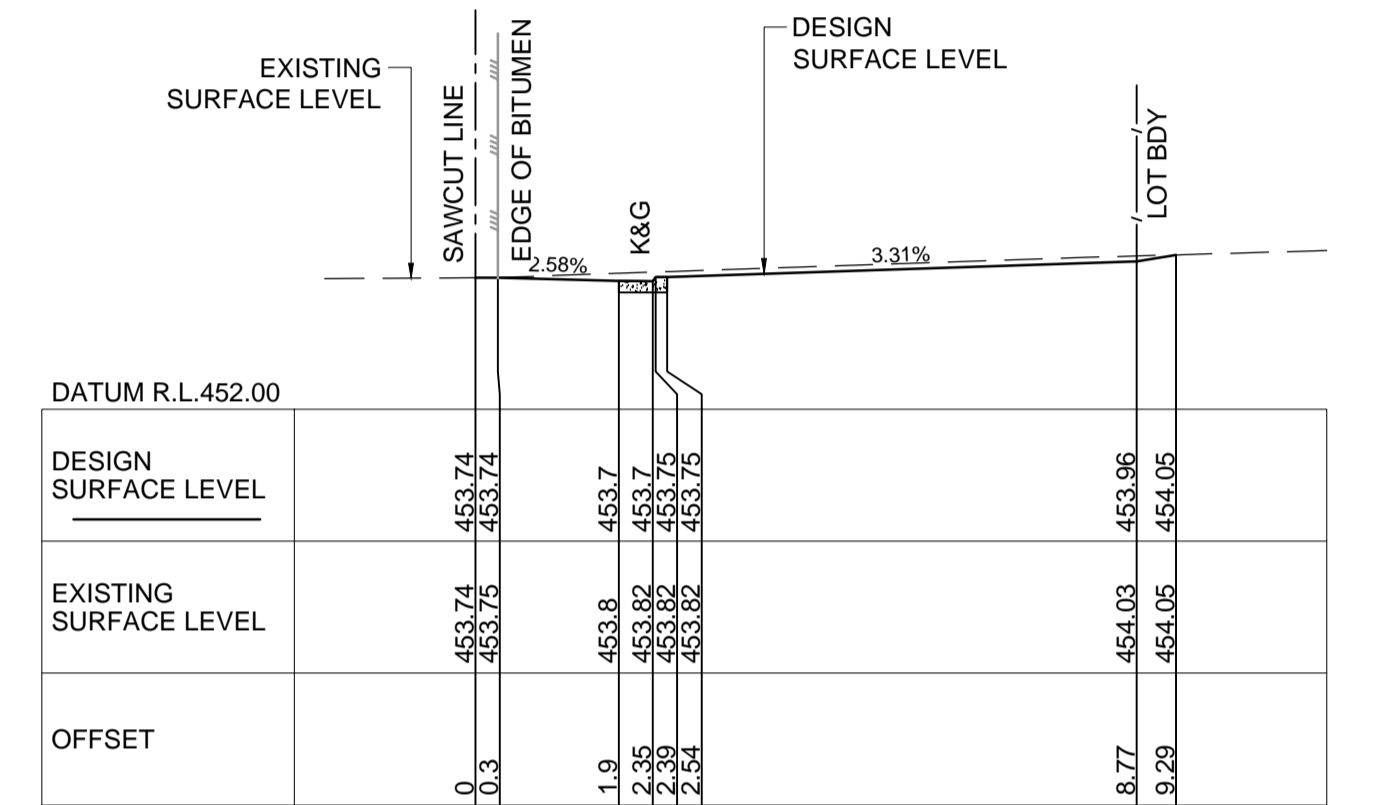
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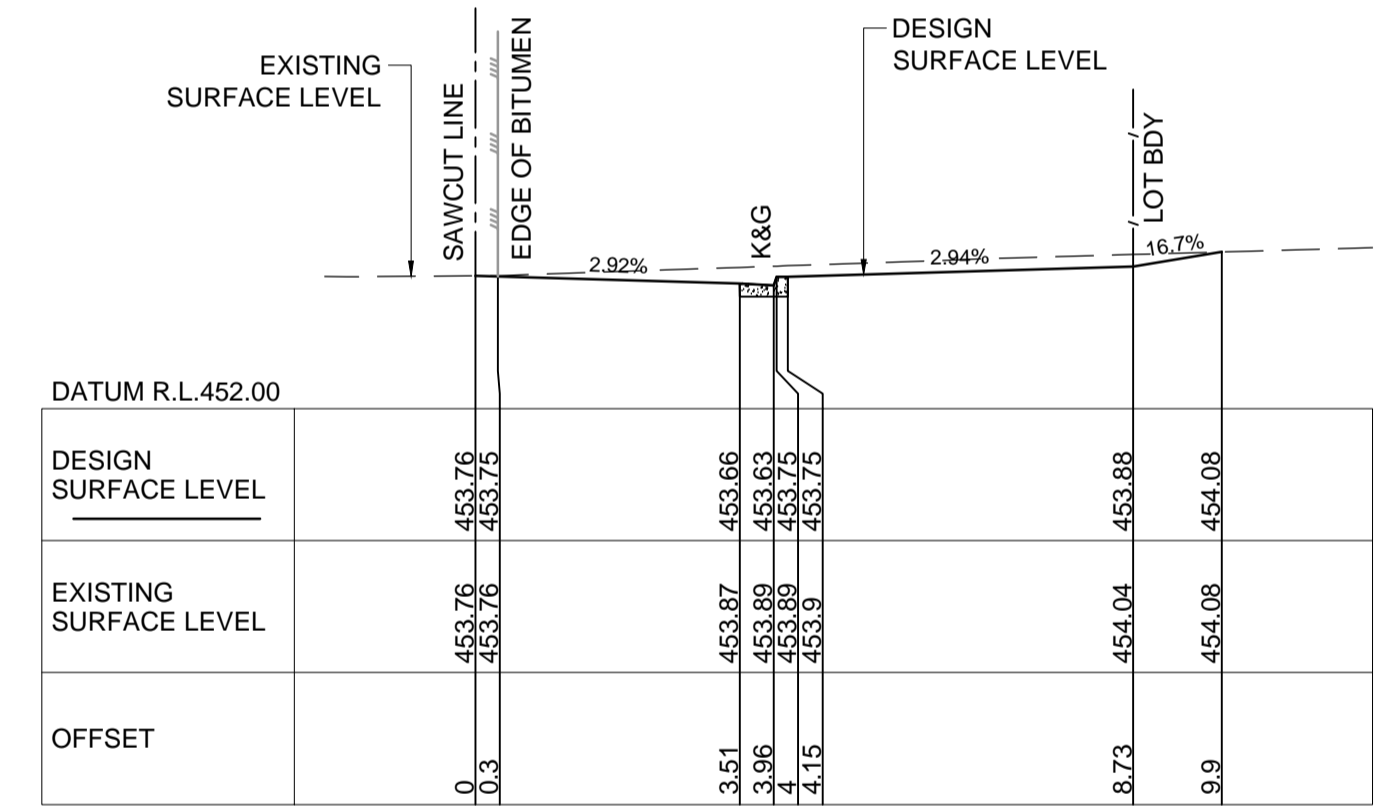
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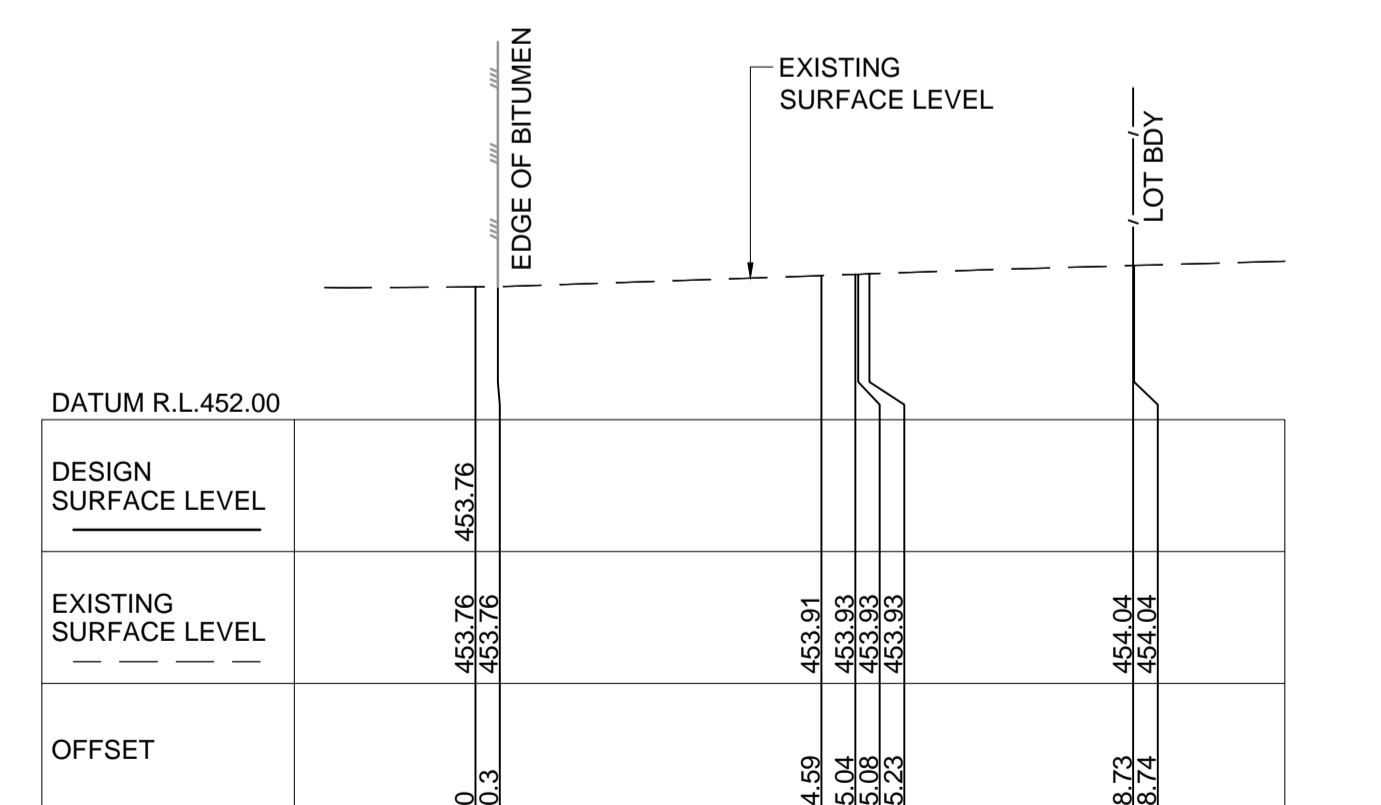
CH. 85.00 - EXTENT OF WORKS



CH. 80.00



CH. 75.00



CH. 75.00

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ISSUE FOR DEVELOPMENT APPLICATION				22/10/2021	P.B.T.	J.A.B.
Issue	Description	Date	Design	Checked		

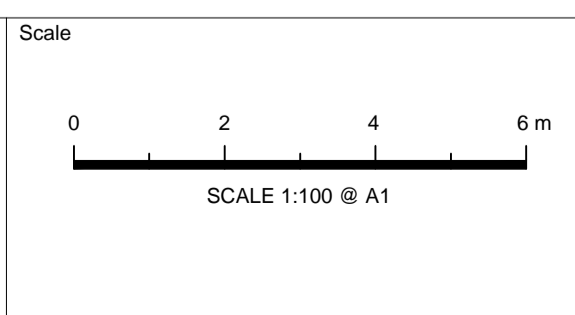
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DEVELOPMENT APPLICATION**

Drawing Title
**RAILWAY STREET
CROSS SECTIONS
SHEET 2 OF 2**






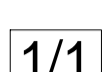
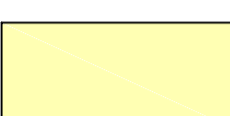
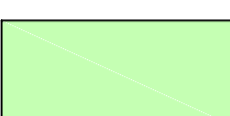


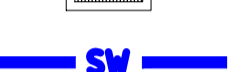
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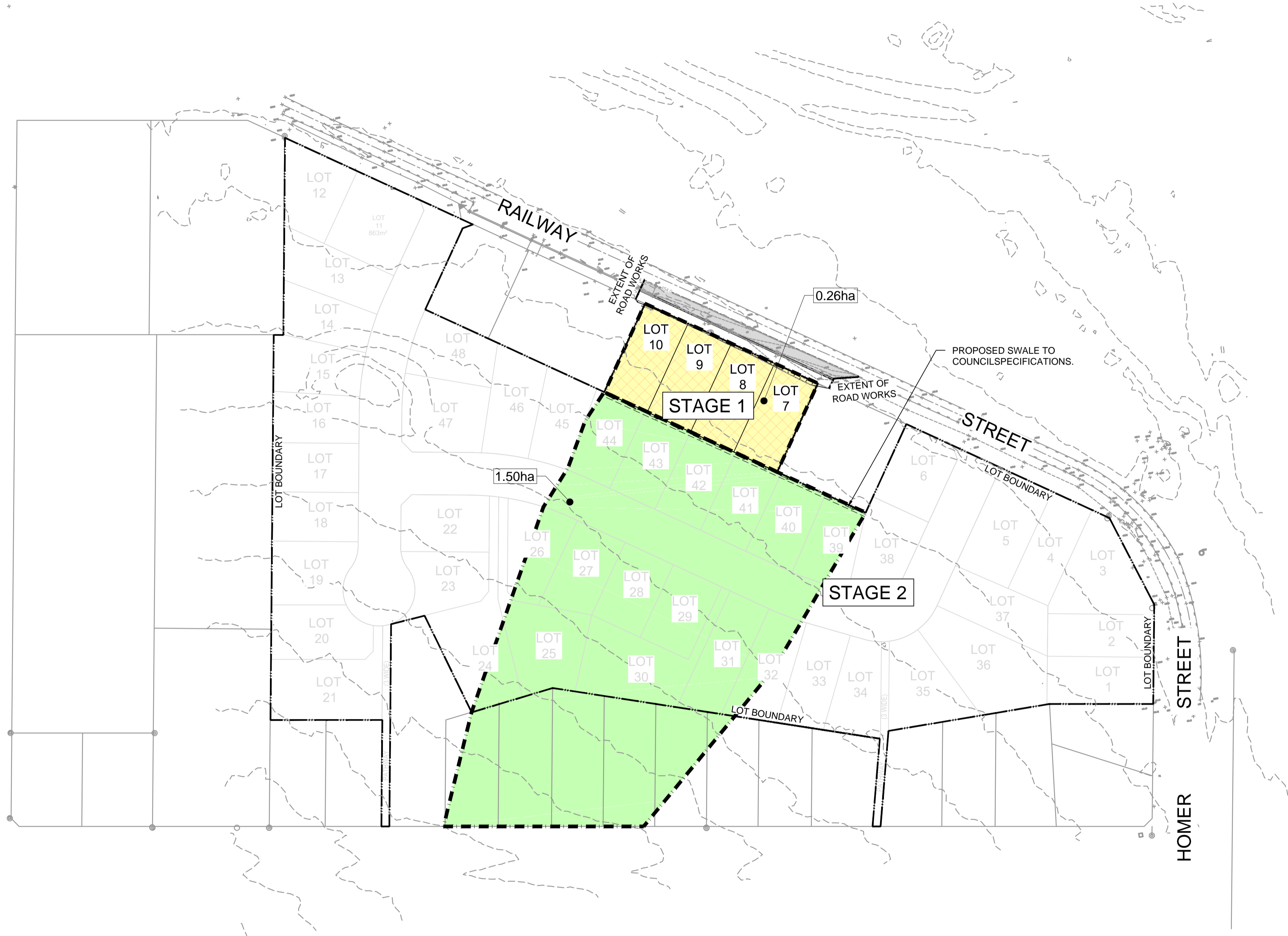
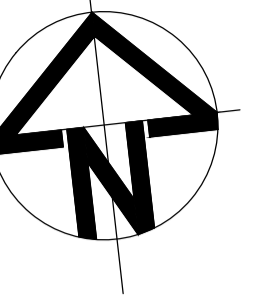
Project No.
2021184

Dwg. No.
304

Issue
A

LEGEND

-  LOT BOUNDARY
-  FINISH CONTOURS
-  EXISTING CONTOURS
-  PROPOSED SWALE
-  PROPOSED EASEMENT
-  CATCHMENT NUMBER
-  CATCHMENT 1
-  CATCHMENT 2
-  STAGE 1
-  PROPOSED STORMWATER PIT
-  PROPOSED STORMWATER PIPE



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



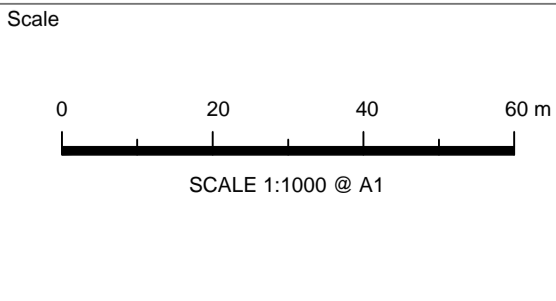
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Issue	Description	Date	Design	Checked
A	ISSUE FOR DEVELOPMENT APPLICATION	22/10/2021	P.B.T.	J.A.B.

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Project
**1 RAILWAY STREET, GULGONG
PROPOSED RESIDENTIAL SUBDIVISION
CIVIL ENGINEERING PLANS
DEVELOPMENT APPLICATION**

Drawing Title STORMWATER CATCHMENT PLAN	
Scale 1:1000	Project No. 2021184
Dwg. No. 400	Issue A