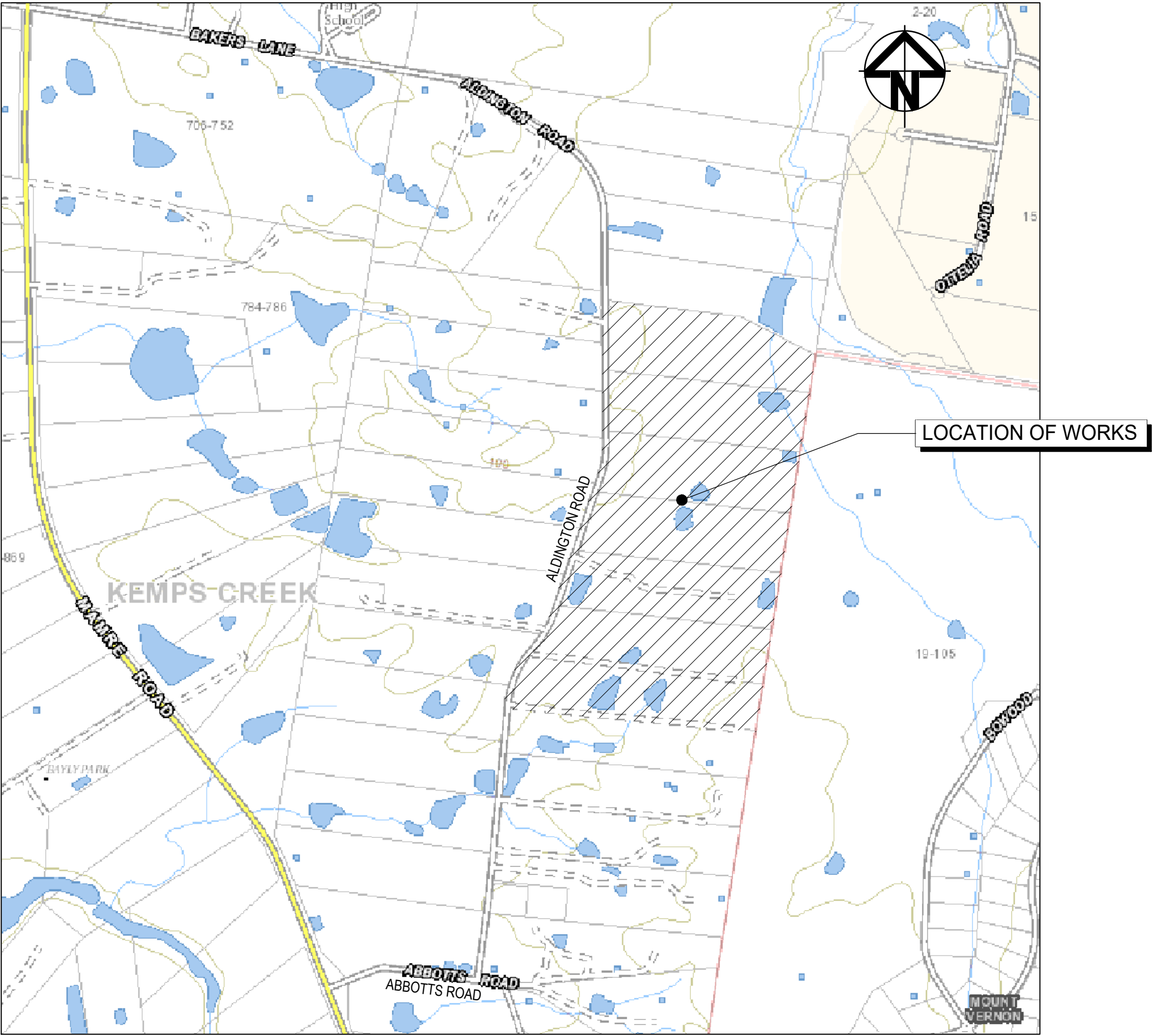


200 ALDINGTON  
KEMPS CREEK  
1000-SERIES INFRASTRUCTURE  
CIVIL WORKS PACKAGE  
STATE SIGNIFICANT DEVELOPMENT  
APPLICATION



LOCALITY PLAN  
NTS

**NOTE:**  
THIS DRAWING PACKAGE TO BE READ IN CONJUNCTION WITH 3100 SERIES DRAWINGS AND ENGINEERING REPORT.

THIS DRAWING PACKAGE RELATES TO THE FOLLOWING :-

1. BULK EARTHWORKS SITE WIDE.
2. STORMWATER BASINS AND ASSOCIATED STORMWATER INLET AND OUTLETS.
3. BOUNDARY AND ROAD \ LOT RETAINING WALLS.
4. STAGE 1 INFRASTRUCTURE WORKS AS SHOWN ON DRAWINGS 19-609-C1005.
5. INTERNAL AND EXTERNAL SYDNEY WATER SEWER AND POTABLE WATER WORKS.
6. DEMOLITION AND DECOMMISSIONING OF EXISTING DWELLING, ASSOCIATED UTILITIES, FENCING AND DAMS.

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	N.T.S.	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client19-609-C1000.dwg

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Project

PROPOSED INDUSTRIAL  
DEVELOPMENT  
200 ALDINGTON

Title

COVER SHEET

Drawing No.	Project No.	Issue
19-609-C1000	19-609	E



DRAWING LIST	
DRAWING No.	DRAWING TITLE
19-609-C1000	COVER SHEET
19-609-C1001	DRAWING LIST
19-609-C1002	GENERAL NOTES
19-609-C1005	GENERAL ARRANGEMENT PLAN
19-609-C1010	TYPICAL ROAD SECTIONS SHEET 1
19-609-C1011	TYPICAL ROAD SECTIONS SHEET 2
19-609-C1012	TYPICAL ROAD SECTIONS SHEET 3
19-609-C1013	TYPICAL ROAD SECTIONS SHEET 4
19-609-C1014	TYPICAL ROAD SECTIONS SHEET 5
19-609-C1015	TYPICAL SITE SECTIONS SHEET 1
19-609-C1016	TYPICAL SITE SECTIONS SHEET 2
19-609-C1017	TYPICAL SITE SECTIONS SHEET 3
19-609-C1018	TYPICAL SITE SECTIONS SHEET 4
19-609-C1020	BOUNDARY INTERFACE PLAN
19-609-C1021	BOUNDARY INTERFACE SECTIONS SHEET 1
19-609-C1022	BOUNDARY INTERFACE SECTIONS SHEET 2
19-609-C1030	BULK EARTHWORKS GENERAL ARRANGEMENT PLAN
19-609-C1031	BULK EARTHWORKS CUTFILL PLAN
19-609-C1041	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
19-609-C1042	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
19-609-C1043	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 3
19-609-C1044	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
19-609-C1045	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 5
19-609-C1046	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 6
19-609-C1047	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 7
19-609-C1048	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 8
19-609-C1049	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 9
19-609-C1050	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 10
19-609-C1051	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 11
19-609-C1052	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 12
19-609-C1061	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
19-609-C1062	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
19-609-C1063	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 3
19-609-C1064	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
19-609-C1065	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 5
19-609-C1066	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 6
19-609-C1067	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 7
19-609-C1068	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 8
19-609-C1069	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 9
19-609-C1070	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 10
19-609-C1071	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 11
19-609-C1072	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 12
19-609-C1073	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 13
19-609-C1074	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 14
19-609-C1075	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 15
19-609-C1076	ROAD LONGITUDINAL SECTIONS SHEET 1
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19-609-C1078	ROAD LONGITUDINAL SECTIONS SHEET 3
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19-609-C1081	STORMWATER DRAINAGE CATCHMENT PLAN (PRE-DEVELOPED)
19-609-C1082	STORMWATER DRAINAGE CATCHMENT PLAN (POST-DEVELOPED)
19-609-C1085	BIO-RETENTION BASIN A DETAIL PLAN
19-609-C1086	BIO-RETENTION BASIN A SECTIONS
19-609-C1087	BIO-RETENTION BASIN B DETAIL PLAN SHEET 1
19-609-C1088	BIO-RETENTION BASIN B DETAIL PLAN SHEET 2
19-609-C1089	BIO-RETENTION BASIN B SECTIONS

DRAWING LIST	
DRAWING No.	DRAWING TITLE
19-609-C1090	RETAINING WALL GENERAL ARRANGEMENT PLAN
19-609-C1091	RETAINING WALL PROFILES SHEET 1
19-609-C1092	RETAINING WALL PROFILES SHEET 2
19-609-C1093	RETAINING WALL PROFILES SHEET 3
19-609-C1094	RETAINING WALL PROFILES SHEET 4
19-609-C1095	RETAINING WALL PROFILES SHEET 5
19-609-C1096	RETAINING WALL PROFILES SHEET 6
19-609-C1097	RETAINING WALL PROFILES SHEET 7
19-609-C1098	RETAINING WALL PROFILES SHEET 8
19-609-C1099	RETAINING WALL PROFILES SHEET 9
19-609-C1100	RETAINING WALL PROFILES SHEET 10
19-609-C1101	SERVICES AND UTILITIES COORDINATION PLAN SHEET 1
19-609-C1102	SERVICES AND UTILITIES COORDINATION PLAN SHEET 2
19-609-C1103	SERVICES AND UTILITIES COORDINATION PLAN SHEET 3
19-609-C1104	SERVICES AND UTILITIES COORDINATION PLAN SHEET 4
19-609-C1131	VEHICLE TURNPATH PLAN SHEET 1
19-609-C1132	VEHICLE TURNPATH PLAN SHEET 2
19-609-C1133	VEHICLE TURNPATH PLAN SHEET 3
19-609-C1134	VEHICLE TURNPATH PLAN SHEET 4
19-609-C1135	VEHICLE TURNPATH PLAN SHEET 5
19-609-C1136	VEHICLE TURNPATH PLAN SHEET 6
19-609-C1137	VEHICLE TURNPATH PLAN SHEET 7
19-609-C1138	VEHICLE TURNPATH PLAN SHEET 8
19-609-C1139	VEHICLE TURNPATH PLAN SHEET 9
19-609-C1140	VEHICLE TURNPATH PLAN SHEET 10
19-609-C1141	VEHICLE TURNPATH PLAN SHEET 11
19-609-C1142	VEHICLE TURNPATH PLAN SHEET 12

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Project	PROPOSED INDUSTRIAL DEVELOPMENT 200 ALDINGTON
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Title	DRAWING LIST
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Drawing No. 19-609-C1001	Project No. 19-609	Issue E
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## SITEWORKS NOTES

1. ORIGIN OF LEVELS:- REFER SURVEY NOTES.
2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES TO BE REPORTED TO AT & L.
3. MAKE SMOOTH CONNECTION WITH EXISTING WORKS.
4. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
5. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL. COMPACTED IN 150mm LAYERS TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
6. PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN BUILDINGS AND ALL CONCRETE OR UNIT PAVEMENTS.
7. ASPHALTIC CONCRETE SHALL CONFORM TO R.M.S SPECIFICATION R116.
8. ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S FORM 3051 (UNBOUND), R.M.S FORM 3052 (BOUND) COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m OF BASECOURSE MATERIAL PLACED.
9. ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S FORM 3051, 3051.1 AND COMPACTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH A.S 1289 5.2.1. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m OF SUB-BASE COURSE MATERIAL PLACED.
10. AS AN ALTERNATIVE TO THE USE OF IGNEOUS ROCK AS A SUB-BASE MATERIAL IN (9) A CERTIFIED RECYCLED CONCRETE MATERIAL COMPLYING WITH R.M.S FORM 3051 AND 3051.1 WILL BE CONSIDERED. SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BEING PROVIDED TO THE SATISFACTION OF AT & L.
11. SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THE CONTRACTOR IS TO SEEK ACCEPTANCE OF THE PRODUCT FROM AT&L. THE PRICE DIFFERENCE BETWEEN AN IGNEOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.
12. WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (eg. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS.

## SURVEY NOTES

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY LTS LOCKLEY, BEING REGISTERED SURVEYORS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. AT & L DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.

SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT AT & L.

THE FOLLOWING NOTES HAVE BEEN TAKEN DIRECTLY FROM THE ORIGINAL SURVEY DOCUMENTS.

- NOTES
1. THE BOUNDARIES HAVE APPROXIMATELY BEEN SURVEYED IN ACCORDANCE WITH CLAUSE 9 OF THE SURVEYING & SPATIAL INFORMATION REGULATION 2017.
  2. ALL AREAS AND DIMENSIONS HAVE BEEN COMPILED FROM PLANS MADE AVAILABLE BY NSW LAND REGISTRY SERVICES AND ARE SUBJECT TO FINAL SURVEY.
  3. ORIGIN OF COORDINATES HAS BEEN DERIVED USING GPS (GNSS) SURVEY FROM SSM33563
  4. ORIGIN OF LEVELS ON A.H.D. IS TAKEN FROM SSM33562 R.L. 43.021 (A.H.D.) IN MAMRE ROAD USING GPS (GNSS) SURVEY METHODS.
  5. CONTOUR INTERVAL 0.5 m
  6. CONTOURS ARE INDICATIVE ONLY. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION
  7. NO INVESTIGATION OF UNDERGROUND SERVICES HAS BEEN MADE. SERVICES HAVE BEEN PLOTTED FROM RELEVANT AUTHORITIES INFORMATION AND HAVE NOT BEEN SURVEYED. ALL RELEVANT AUTHORITIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION ON OR NEAR THE SITE
  8. 8/4/7 DENOTES TREE SPREAD OF 8m, TRUNK DIAMETER OF 0.4m & APPROX HEIGHT OF 7m
  9. SHOWS APPROXIMATE POSITION OF ROAD LINEMARKING AND IS INDICATIVE ONLY
  10. BEARINGS SHOWN ARE MGA (MAP GRID OF AUSTRALIA) ADD APPROX. 1°00' FOR TRUE NORTH

## EXISTING UNDERGROUND SERVICES NOTES

THE LOCATIONS OF UNDERGROUND SERVICES SHOWN IN THIS SET OF DRAWINGS HAVE BEEN PLOTTED FROM SURVEY INFORMATION AND SERVICE AUTHORITY INFORMATION. THE SERVICE INFORMATION HAS BEEN PREPARED ONLY TO SHOW THE APPROXIMATE POSITIONS OF ANY KNOWN SERVICES AND MAY NOT BE AS CONSTRUCTED OR ACCURATE.

AT & L CAN NOT GUARANTEE THAT THE SERVICES INFORMATION SHOWN ON THESE DRAWINGS ACCURATELY INDICATES THE PRESENCE OR ABSENCE OF SERVICES OR THEIR LOCATION AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE SERVICES INFORMATION SHOWN FROM ANY CAUSE WHATSOEVER.

CONTRACTORS SHALL TAKE DUE CARE WHEN EXCAVATING ONSITE INCLUDING HAND EXCAVATION WHERE NECESSARY.

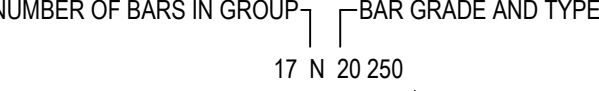
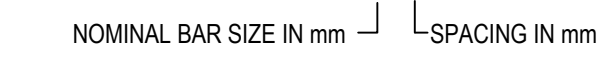
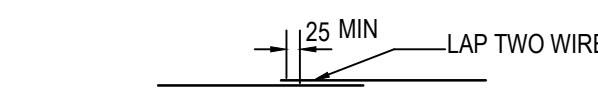
CONTRACTORS ARE TO CONTACT THE RELEVANT SERVICE AUTHORITY PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.

CONTRACTORS ARE TO UNDERTAKE A SERVICES SEARCH, PRIOR TO COMMENCEMENT OF WORKS ON SITE. SEARCH RESULTS ARE TO BE KEPT ON SITE AT ALL TIMES.

## CONCRETE NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. CONCRETE QUALITY  
ALL REQUIREMENTS OF THE CURRENT ACSE CONCRETE SPECIFICATION DOCUMENT 1 SHALL APPLY TO THE FORMWORK, REINFORCEMENT AND CONCRETE UNLESS NOTED OTHERWISE.

ELEMENT	AS 3600 F <sub>c</sub> MPa AT 28 DAYS	SPECIFIED SLUMP	NOMINAL AGG. SIZE
VEHICULAR BASE	32	60	20
KERBS, PATHS, AND PITS	25	80	20

- CEMENT TYPE SHALL BE (ACSE SPECIFICATION) TYPE SL
- PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 1373.
3. NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING BY AT & L.
  4. CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL EDGES UNLESS NOTED OTHERWISE.
  5. ALL REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON MILD STEEL PLASTIC TIPPED CHAIRS, PLASTIC CHAIRS OR CONCRETE CHAIRS AT NOT GREATER THAN 1m CENTRES BOTH WAYS. BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS.
  6. THE FINISHED CONCRETE SHALL BE A DENSE HOMOGENEOUS MASS, COMPLETELY FILLING THE FORMWORK, THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS. ALL CONCRETE INCLUDING SLABS ON GROUND AND FOOTINGS SHALL BE COMPACTED AND CURED IN ACCORDANCE WITH R.M.S SPECIFICATION R83.
  7. REINFORCEMENT SYMBOLS:  
N DENOTES GRADE 450 N BARS TO AS 1302 GRADE N  
R DENOTES 230 R HOT ROLLED PLAIN BARS TO AS 1302  
SL DENOTES HARD-DRAWN WIRE REINFORCING FABRIC TO AS 1304  
NUMBER OF BARS IN GROUP:  BAR GRADE AND TYPE  
NOMINAL BAR SIZE IN mm:  SPACING IN mm  
THE FIGURE FOLLOWING THE FABRIC SYMBOL SL IS THE REFERENCE NUMBER FOR FABRIC TO AS 1304.
  8. FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING DETAIL:  


## KERBING NOTES

1. ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 28MPa U.N.O IN REINFORCED CONCRETE NOTES.
2. ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED ON MIN. 100mm GRANULAR BASECOURSE COMPACTED TO MINIMUM 95% MODIFIED DRY DENSITY (AS 1289 5.2.1).
3. EXPANSION JOINTS (E.J.) TO BE FORMED FROM 10mm COMPRESSIBLE CORK FILLER BOARD FOR THE FULL DEPTH OF THE SECTION AND CUT TO PROFILE. EXPANSION JOINTS TO BE LOCATED AT DRAINAGE PITS, ON TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX 12m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE EXPANSION JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
4. WEAKENED PLANE JOINTS TO BE MIN 3mm WIDE AND LOCATED AT 3m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE WEAKENED PLANE JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
5. BROOMED FINISH TO ALL RAMPED AND VEHICULAR CROSSINGS. ALL OTHER KERBING OR DISH DRAINS TO BE STEEL FLOAT FINISHED.
6. IN THE REPLACEMENT OF KERB AND GUTTER :-  
EXISTING ROAD PAVEMENT IS TO BE SAWCUT 900mm U.N.O FROM THE LIP OF GUTTER. UPON COMPLETION OF THE NEW KERB AND GUTTER NEW BASECOURSE AND SURFACE TO BE LAID 900mm WIDE U.N.O.  
  
EXISTING ALLOTMENT DRAINAGE PIPES ARE TO BE BUILT INTO THE NEW KERB AND GUTTER WITH 100mm DIA HOLE.  
  
EXISTING KERB AND GUTTER IS TO BE COMPLETELY REMOVED WHERE NEW KERB AND GUTTER IS SHOWN.

## DEWATERING

ANY DEWATERING WORKS TO BE AS PER THE DEWATERING PROCEDURE AS CONTAINED WITHIN THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP).

## DECOMMISSIONING / DEMOLITION

DEMOLITION OF EXISTING DWELLING TO BE CONDUCTED IN ACCORDANCE WITH THE PROVISIONS OF AS2601-2001 - DEMOLITION OF STRUCTURES BY CONTRACTORS EXPERIENCED IN THIS CLASS OF WORK AND HOLDING REQUIRED CURRENT PERMITS AND LICENSES AS REQUIRED.

EXISTING INTERNALS FENCING, CATTLE YARDS, UTILITIES AND OTHER REDUNDANT STRUCTURES TO BE DEMOLISHED AND REMOVED TO AN APPROVED WASTE MANAGEMENT FACILITY.

DAM DECOMMISSIONING TO BE COMPLETED AS PER THE DAM DECOMMISSIONING PROCEDURE AS CONTAINED WITHIN THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP).

## STORMWATER DRAINAGE NOTES

1. STORMWATER DESIGN CRITERIA:  
(A) AVERAGE REQUIREMENT INTERVAL:  
1:10 YEARS MAJOR STORM (OVERLAND FLOW)  
1:20 YEARS MINOR STORM (PIPED NETWORK)  
(B) RAINFALL INTENSITIES:  
TIME OF CONCENTRATION: 5 MINUTES  
1:100 YEARS= 219 mm/hr  
1:20 YEARS= 167 mm/hr  
(C) RUNOFF COEFFICIENTS:  
ROOF AREAS: C 100 =1.0  
EXTERNAL PAVEMENTS: C 100 =1.0
2. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '3' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS. U.N.O.
3. PIPES UP TO 300 DIA SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
4. EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED, SUBJECT TO THE APPROVAL OF PENRITH CITY COUNCIL.
5. ALL STORMWATER DRAINAGE LINES UNDER PROPOSED BUILDING SLABS TO BE uPVC PRESSURE PIPE GRADE 6. ENSURE ALL VERTICALS AND DOWNPIPES ARE uPVC PRESSURE PIPE, GRADE 6 FOR A MIN OF 3.0m IN HEIGHT.
6. PIPES TO BE INSTALLED TO TYPE HS1 SUPPORT IN ACCORDANCE WITH AS 3725 (2007) IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
7. ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (1998) AND AS/NZS 3500 3.2 (1998).
8. PRECAST PITS MAY BE USED EXTERNAL TO THE BUILDING SUBJECT TO APPROVAL BY AT & L.
9. ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
10. WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC SEWER GRADE PIPE IS TO BE USED.
11. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
12. GRATES AND COVERS SHALL CONFORM TO AS 3996.
13. AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
14. ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED DURING THIS PROCESS. ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT/ENGINEER FOR FURTHER DIRECTIONS.

## EMBANKMENT CONSTRUCTION

### SEQUENCE

1. STRIP VEGETATION AND TOPSOIL FROM EMBANKMENT AREA AND STOCKPILE TOPSOIL FOR LATER USE. CUT BATTER AREA TO FIRM GROUND.
2. CONSTRUCT EMBANKMENT IN PRESENCE OF QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER IF NOT ROCK.
3. IN THE CASE WHERE THE EMBANKMENT AREAS SLUSH, GROUTING AND DENTAL CONCRETE MAY BE REQUIRED, AS DIRECTED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER.
4. COMPACT CLAY STABILIZED WITH GYPSUM (3% BY DRY MASS, MINIMUM) AS APPROVED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER INTO THE CUT-OFF TRENCH OF LAYERS NOT EXCEEDING 150mm LOOSE THICKNESS TO A DRY DENSITY EQUIVALENT TO 98% OF THAT DETERMINED BY STANDARD COMPACTION (AS 1289 5.1.1) AND AT A MOISTURE CONTENT OF -2% TO +2% OF OPTIMUM MOISTURE CONTENT.
5. GYPSUM STABILIZED NATURAL SOILS EXPOSED IN EMBANKMENT AREA WITH MINIMUM 3% GYPSUM BY DRY MASS AND COMPACT AS FOR #4. ALL TO THE APPROVAL OF A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER.
6. CONSTRUCT BODY OF EMBANKMENT WITH CLAYEY MATERIAL WON FROM SITE. COMPACT THE CLAYEY MATERIAL APPROVED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER IN LAYERS NOT EXCEEDING 150mm THICKNESS TO A DRY DENSITY EQUIVALENT TO 98% OF THAT DETERMINED BY STANDARD COMPACTION (AS 1289 5.1.1) AND AT A MOISTURE CONTENT OF -2% TO +2% OF OPTIMUM MOISTURE CONTENT. MOST IMPORTANTLY, IF SHRINKAGE CRACKS OCCUR, AS DIRECTED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER.
7. OVERFILL THE EMBANKMENT AND TRIM OFF, SO THAT THE ENTIRE BODY OF THE EMBANKMENT IS COMPACTED.
8. TRIM THE EMBANKMENTS BATTERS TO THE OVERFILLED MATERIAL, STABILIZE THE UPSTREAM CLAY BATTERS WITH WELL MIXED GYPSUM (3% BY DRY MASS, MINIMUM) AND COMPACT TO MIN. 98% STD -2% TO +2% OMC.
9. PLACE ROCK RIP-RAP AS SHOWN.
10. RECOVER TOPSOIL FROM STOCKPILE AND SPREAD OVER EMBANKMENT AND CUT BATTERS (A THIN COVER OF TOPSOIL ONLY HAS BEEN NOMINATED). ONLY LIGHTLY TRACK-ROLL THE TOPSOIL AND THEN LANDSCAPE IN ACCORDANCE WITH THE LANDSCAPE AREA DRAWINGS.
11. WATER AND FERTILIZE LANDSCAPE AS REQUIRED BY CLIMATIC CONDITIONS TO ENSURE THE LANDSCAPE IS SUCCESSFUL.
12. AT THE COMPLETION OF WORK WRITTEN CONFIRMATION & CERTIFICATION IS TO BE PROVIDED FROM A QUALIFIED & EXPERIENCED GEOTECHNICAL ENGINEER THAT THE EMBANKMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THESE DRAWINGS.

## BIO-RETENTION FILTER MEDIA

### SPECIFICATION

#### MATERIALS:

BIO-RETENTION FILTER MEDIA, TRANSITION LAYER AND DRAINAGE LAYERS TO BE IN ACCORDANCE WITH CURRENT VERSION OF FAWB DOCUMENT "STORMWATER BIO-FILTRATION SYSTEMS ADOPTION GUIDELINES" AND THE FOLLOWING.:

#### A) BIO-RETENTION FILTER MEDIA

1. BIO-RETENTION MEDIA IS TO BE FREE OF RUBBISH AND DELETERIOUS MATERIAL.
2. BIO-RETENTION FILTER MEDIA SATURATED HYDRAULIC CONDUCTIVITY TO BE 180mm/hr USING TEST METHOD ASTM F1815-06.

3. BIO-RETENTION FILTER MEDIA PARTICLE SIZE DISTRIBUTION IS TO BE AS FOLLOWS:

CLAY & SILT	<3%	(<0.05mm)
VERY FINE SAND	5-30%	(0.05-0.15mm)
FINE SAND	10-30%	(0.15-0.25mm)
MEDIUM TO COARSE SAND	40-60%	(0.25-1.0mm)
COARSE SAND	7-10%	(1.0-2.0mm)
FIN GRAVEL	<3%	(2.0-3.4mm)

THE COMBINED PERCENTAGE OF CLAY AND SILT MUST NOT EXCEED 3% (W/W) UNDER ANY CIRCUMSTANCES.

4. BIO-RETENTION FILTER MEDIA IS TO BE TESTED AND COMPLY WITH THE FOLLOWING REQUIREMENTS:
  - a) ORGANIC MATTER CONTENT IN ACCORDANCE WITH AS 4419 AT LEAST 3% (W/W)
  - b) TOTAL NITROGEN (TN) CONTENT <900mg/kg
  - c) ORTHOPHOSPHATE (PO<sub>4</sub><sup>-3</sup>) CONTENT - <30mg/kg WHERE PLANTS WITH MODERATE PHOSPHOROUS SENSITIVITY ARE TO BE USED, TOTAL PHOSPHOROUS CONCENTRATION SHOULD BE <20mg/kg
  - d) AS SPECIFIED FOR "NATURAL SOILS AND SOIL BLENDS" AS4419 - pH 5.5-7.5 (pH 1.5 IN WATER)
  - e) ELECTRICAL CONDUCTIVITY (EC) AS SPECIFIED FOR "NATURAL SOILS AND SOILS BLENDS" AS4419 <1.28s/m
  - f) DISPENSABILITY - AS SPECIFIED FOR "NATURAL SOILS AND SOIL BLENDS" AS4419 CATEGORY 1 OR 2
  - g) TEXTURE - LOAMY SAND AS PER AS4419

5. PRIOR TO PLACEMENT OF THE FILTER MEDIA A STATEMENT IS TO BE SUBMITTED FROM A QUALIFIED HORTICULTURIST CONFIRMING THAT THE SOIL IS CAPABLE OF SUPPORTING A HEALTHY VEGETABLE COMMUNITY.

6. TESTS CONFIRMING THE REQUIREMENTS OF ITEMS 1 TO 4 ARE TO BE SUBMITTED FOR APPROVAL PRIOR TO PLACEMENT OF FILTER MEDIA.

#### B) DRAINAGE LAYER A

DRAINAGE LAYER MATERIAL IS TO BE CLEAN, FINE GRAVEL, SUCH AS A 2 - 5mm WASHED SCREENING. THE PARTICLE SIZE DISTRIBUTION TO BE:  
D<sub>15</sub> (DRAINAGE LAYER) < 5 x D<sub>85</sub> (TRANSITION LAYER)  
WHERE: D<sub>15</sub> (DRAINAGE LAYER) IS THE 15th PERCENTILE PARTICLE SIZE IN THE TRANSITION LAYER MATERIAL (i.e. 15% OF THE SAND IS SMALLER THAN D<sub>15</sub> mm), AND D<sub>85</sub> (TRANSITION LAYER) IS THE 85th PERCENTILE PARTICLE SIZE IN THE FILTER MEDIA.

#### C) DRAINAGE LAYER B

10-20mm CLEAN GRAVEL WITH 2% VOLUME FINE STRAW AND 4-6% VOLUME HARDWOOD CHIPS.

#### INSTALLATION:

FILTER MATERIAL IS TO BE LIGHTLY COMPACTED EG. A SINGLE PASS WITH A DRUM LAWN ROLLER. UNDER NO CIRCUMSTANCES SHOULD HEAVY EQUIPMENT OR MULTIPLE PASSES BE MADE. FILTER MEDIA SHOULD BE INSTALLED IN TWO LIFTS UNLESS THE DEPTH IS LESS THAN 500mm.

## FINISHED SURFACE LEVELS

1. ALL FINISHED SURFACE LEVELS ARE ±2000mm U.N.O.



CONTRACTOR SHALL CALL;  
DIAL BEFORE  
YOU DIG 1100  
PRIOR TO COMMENCEMENT OF WORK  
TO OBTAIN ALL CURRENT SERVICE  
AUTHORITY PLANS

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
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Scales	N.T.S.	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C1002.dwg



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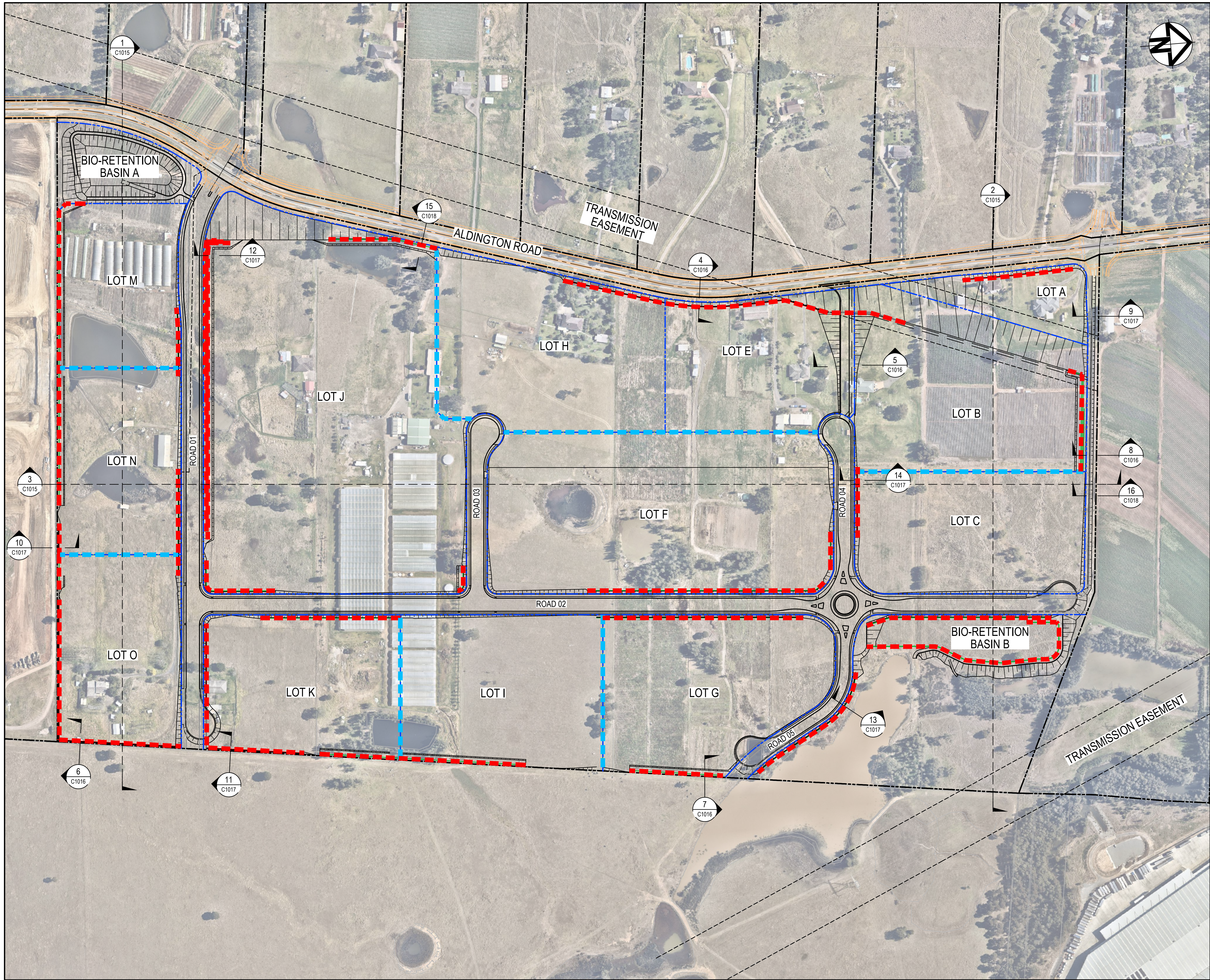
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info@atl.net.au

Project  
**PROPOSED INDUSTRIAL  
DEVELOPMENT  
200 ALDINGTON**

Title  
**GENERAL NOTES**

Drawing No. <b>19-609-C1002</b>	Project No. <b>19-609</b>	Issue <b>E</b>
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### LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- PROPOSED BOUNDARY
- RETAINING WALLS
- FUTURE WORKS

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
P3	ISSUED FOR INFORMATION	31-01-22
B	ISSUED FOR SSD APPROVAL	08-09-21
P2	ISSUED FOR INFORMATION	02-08-21

Issue	Description	Date
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		

0 50 100 150m

1 : 2000 @ A1

Status	<b>FOR APPROVAL</b>		<b>A1</b>
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 2000	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	
Client	19-609-C1005.dwg		

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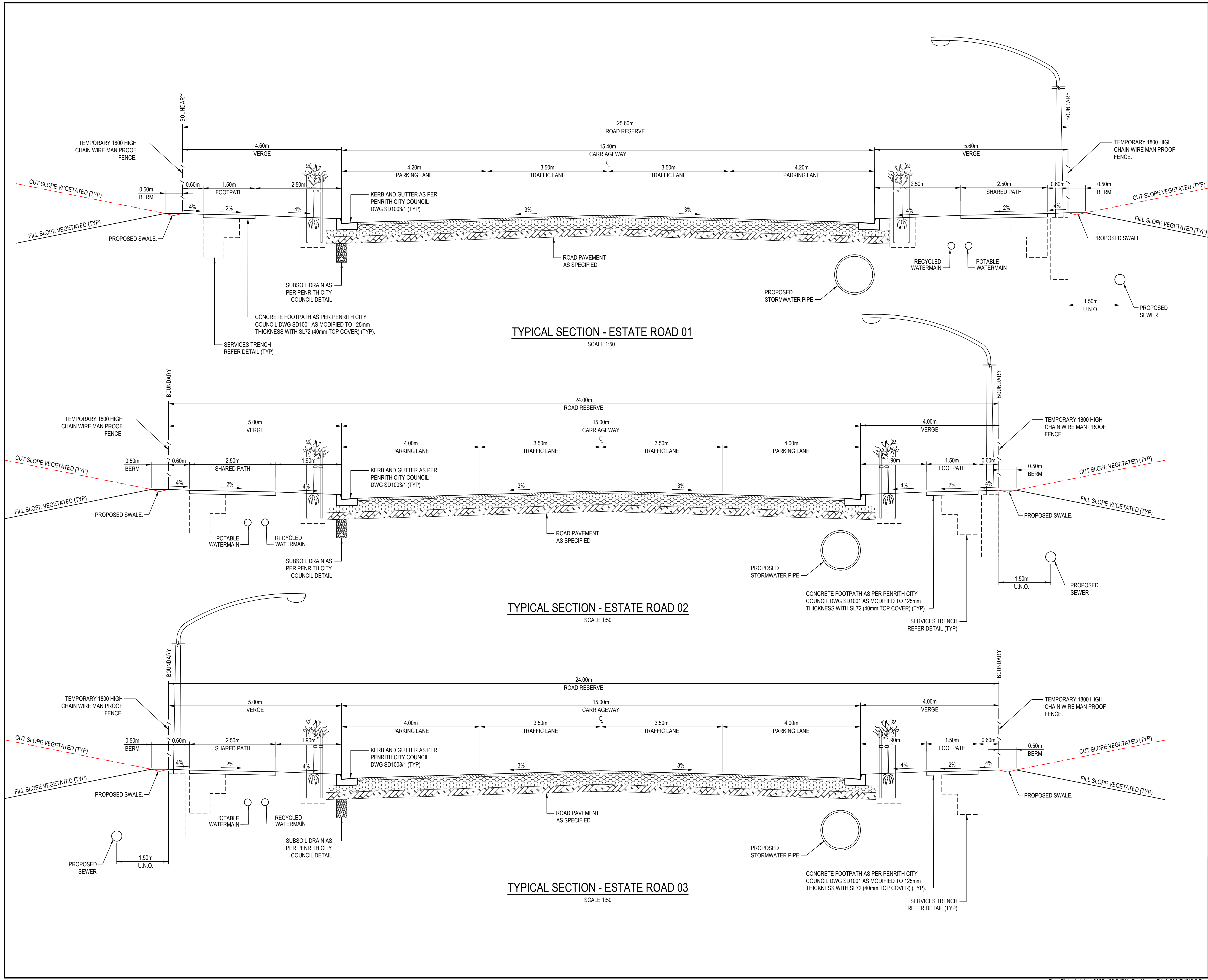
**PROPOSED INDUSTRIAL DEVELOPMENT  
200 ALDINGTON**

Title

**GENERAL ARRANGEMENT  
PLAN**

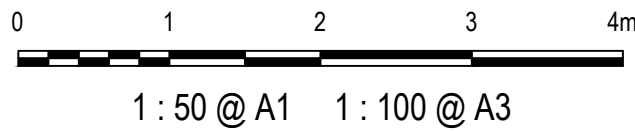
Drawing No.	Project No.	Issue
19-609-C1005	19-609	E





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D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
P2	ISSUED FOR INFORMATION	31-01-22
C	ISSUED FOR SSD APPROVAL	13-01-22
B	ISSUED FOR SSD APPROVAL	08-09-21

Issue	Description	Date
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Status	FOR APPROVAL		
	NOT TO BE USED FOR CONSTRUCTION		
Scales	AS SHOWN	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client	19-609-C1010.dwg
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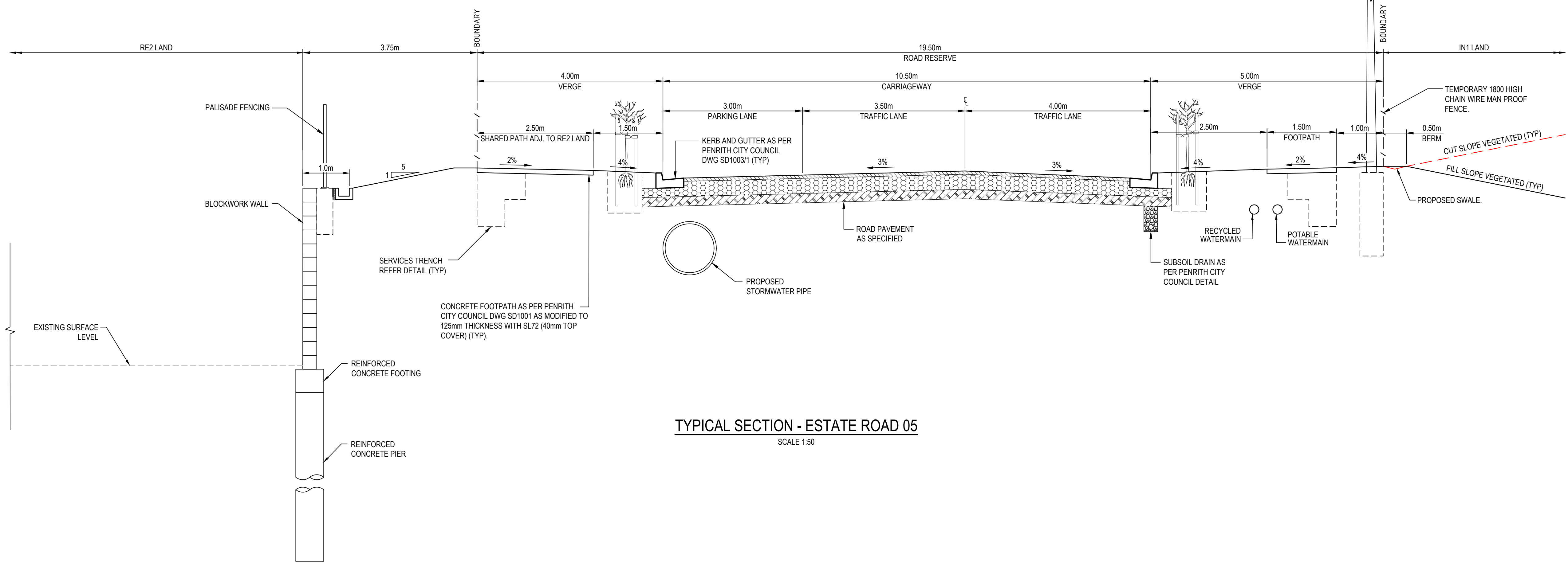
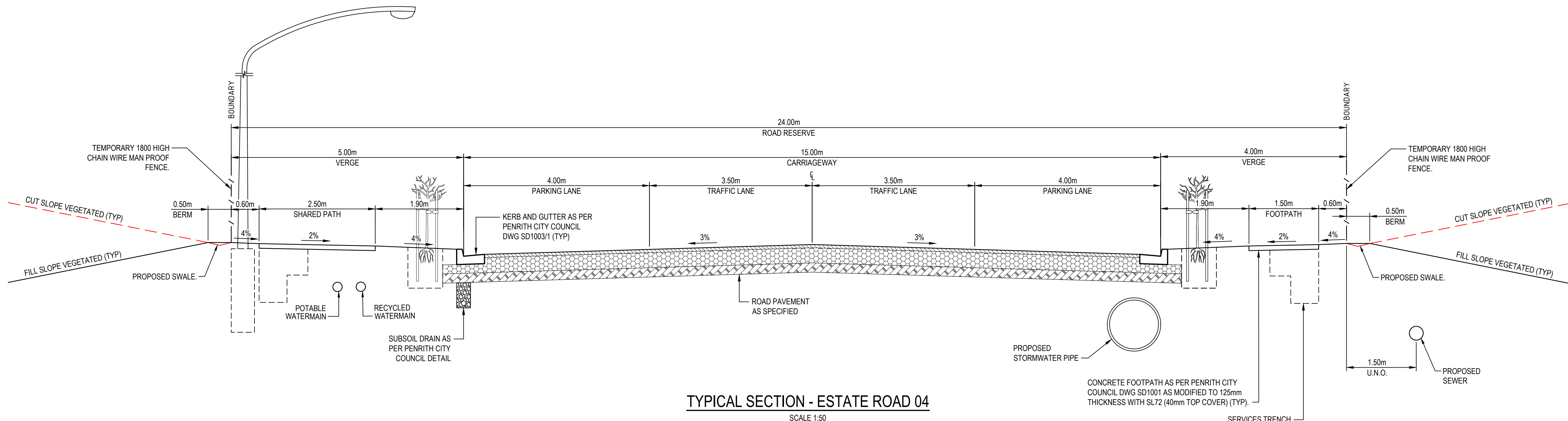
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200 ALDINGTON**

Title

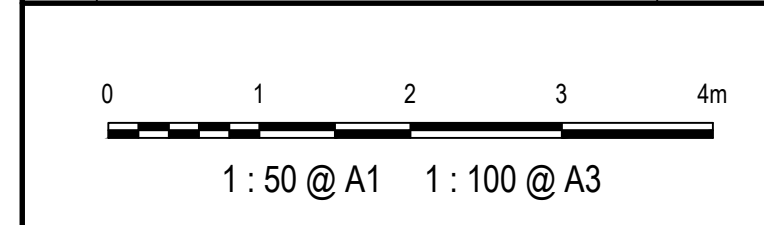
**TYPICAL ROAD SECTIONS  
SHEET 1**

Drawing No.	Project No.	Issue
19-609-C1010	19-609	E





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D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
P2	ISSUED FOR INFORMATION	31-01-22
C	ISSUED FOR SSD APPROVAL	13-01-22
B	ISSUED FOR SSD APPROVAL	08-09-21
Issue	Description	Date



Status		FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION				
Scales	AS SHOWN			
		Drawn GB		
		Designed GB		
Height Datum	AHD	Checked AM		
Grid	GDA2020	Approved		

Client 19-609-C1011.dwg



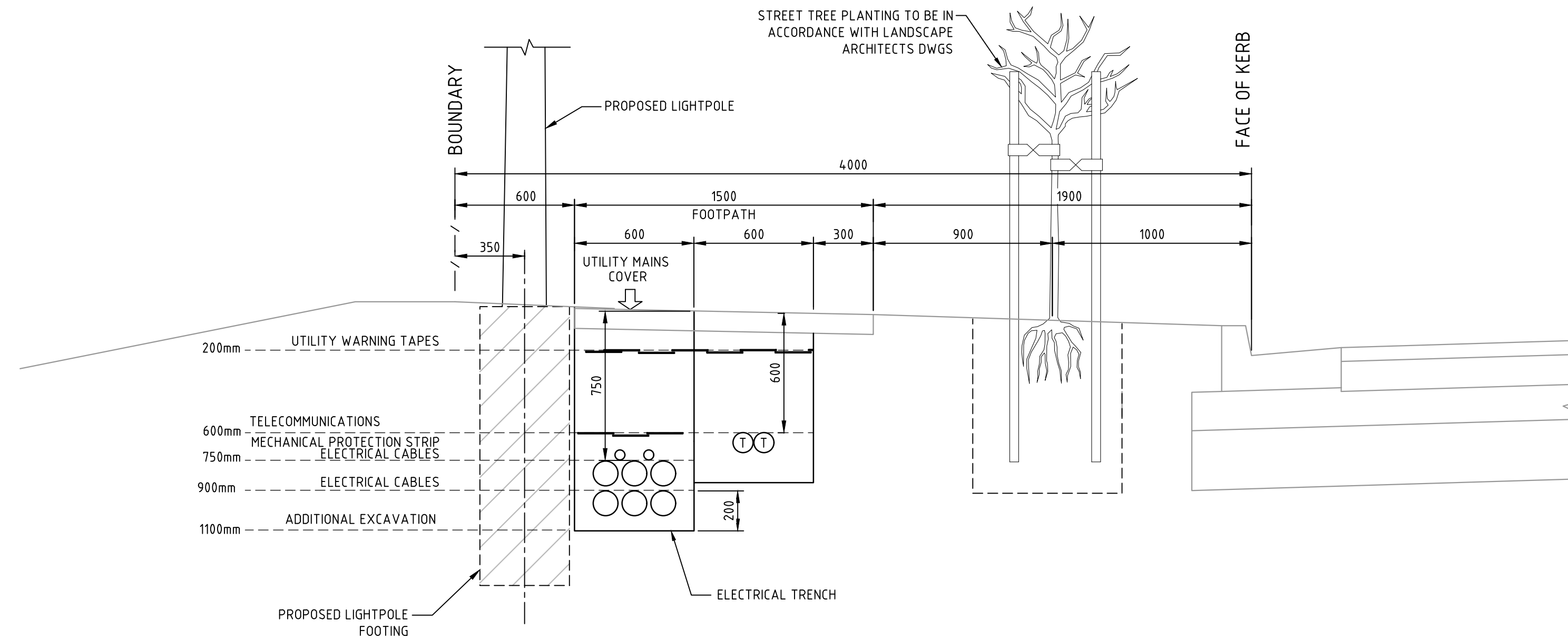
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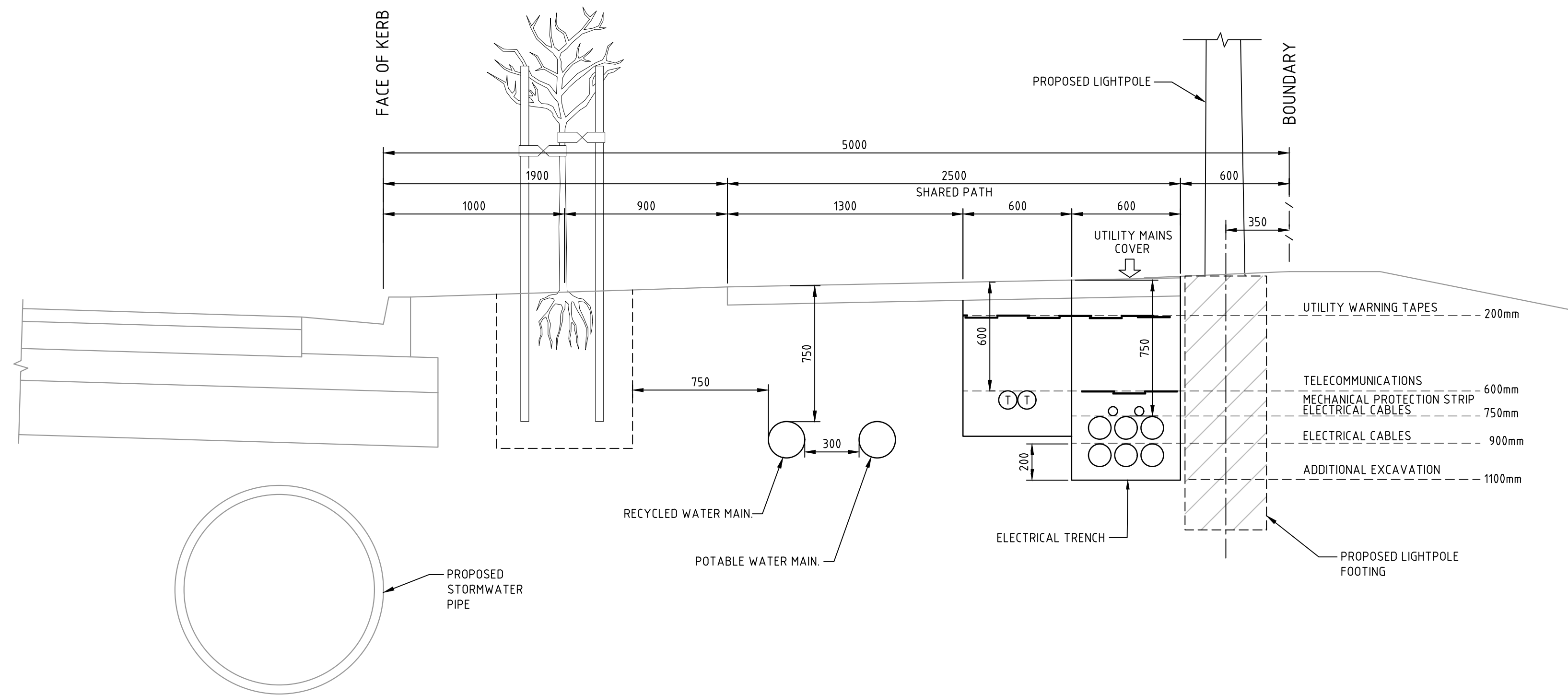
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**SHEET 2**

Drawing No.	Project No.	Issue
19-609-C1011	19-609	E



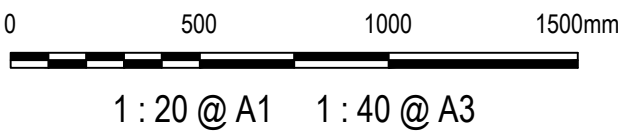


TYPICAL 4.0m VERGE TRENCH DETAIL  
SCALE 1:20



TYPICAL 5.0m VERGE TRENCH DETAIL  
SCALE 1:20

D	ISSUED FOR SSD APPROVAL	03-08-22
C	ISSUED FOR SSD APPROVAL	13-04-22
B	ISSUED FOR SSD APPROVAL	09-03-22
P1	ISSUED FOR INFORMATION	31-01-22
A	ISSUED FOR SSD APPROVAL	08-09-21
Issue	Description	Date



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION			A1
Scales	AS SHOWN	Drawn	GB	
		Designed	GB	
		Checked	AM	
Height Datum	AHD	Approved		
Grid	GDA2020			

Client 19-609-C1012.dwg



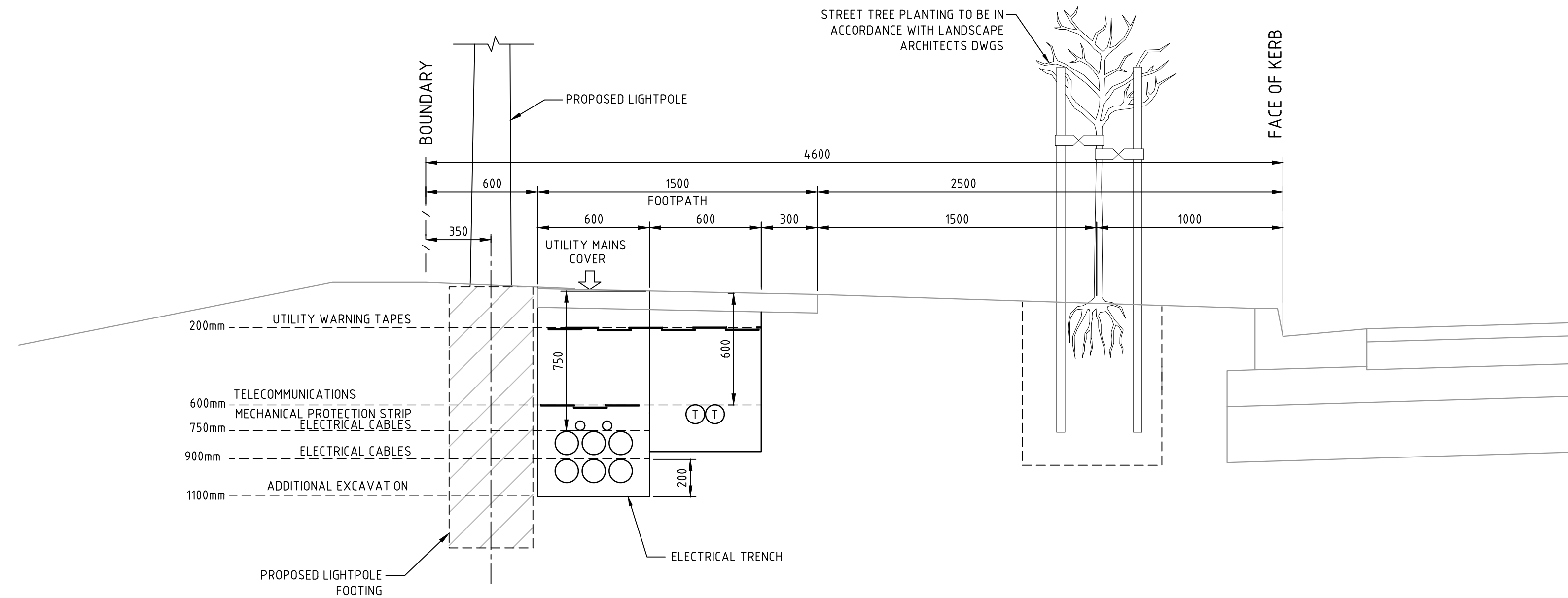
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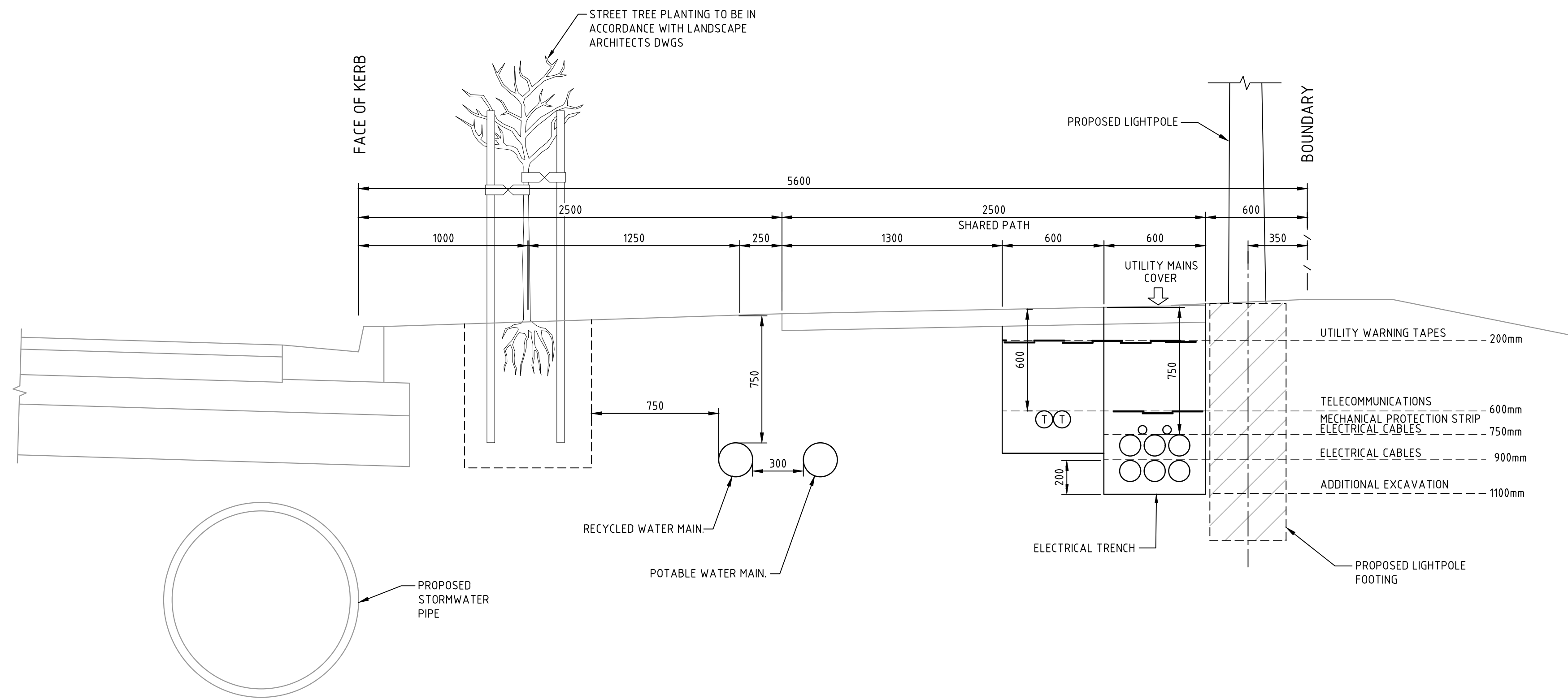
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**TYPICAL ROAD  
SECTIONS  
SHEET 3**

Drawing No.	Project No.	Issue
19-609-C1012	19-609	D



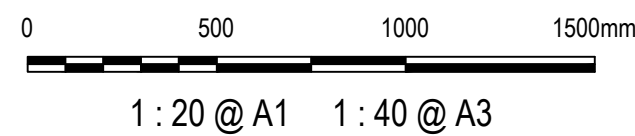


**TYPICAL 4.6m VERGE TRENCH DETAIL**  
SCALE 1:20



**TYPICAL 5.6m VERGE TRENCH DETAIL**  
SCALE 1:20

Issue	Description	Date
D	ISSUED FOR SSD APPROVAL	03-08-22
C	ISSUED FOR SSD APPROVAL	13-04-22
B	ISSUED FOR SSD APPROVAL	09-03-22
P1	ISSUED FOR INFORMATION	31-01-22
A	ISSUED FOR SSD APPROVAL	08-09-21



Status	<b>FOR APPROVAL</b> <b>NOT TO BE USED FOR CONSTRUCTION</b>			<b>A1</b>
Scales	AS SHOWN	Drawn	GB	
		Designed	GB	
Height Datum	AHD	Checked	AM	
Grid	GDA2020	Approved		

Client 19-609-C1013.dwg



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Project

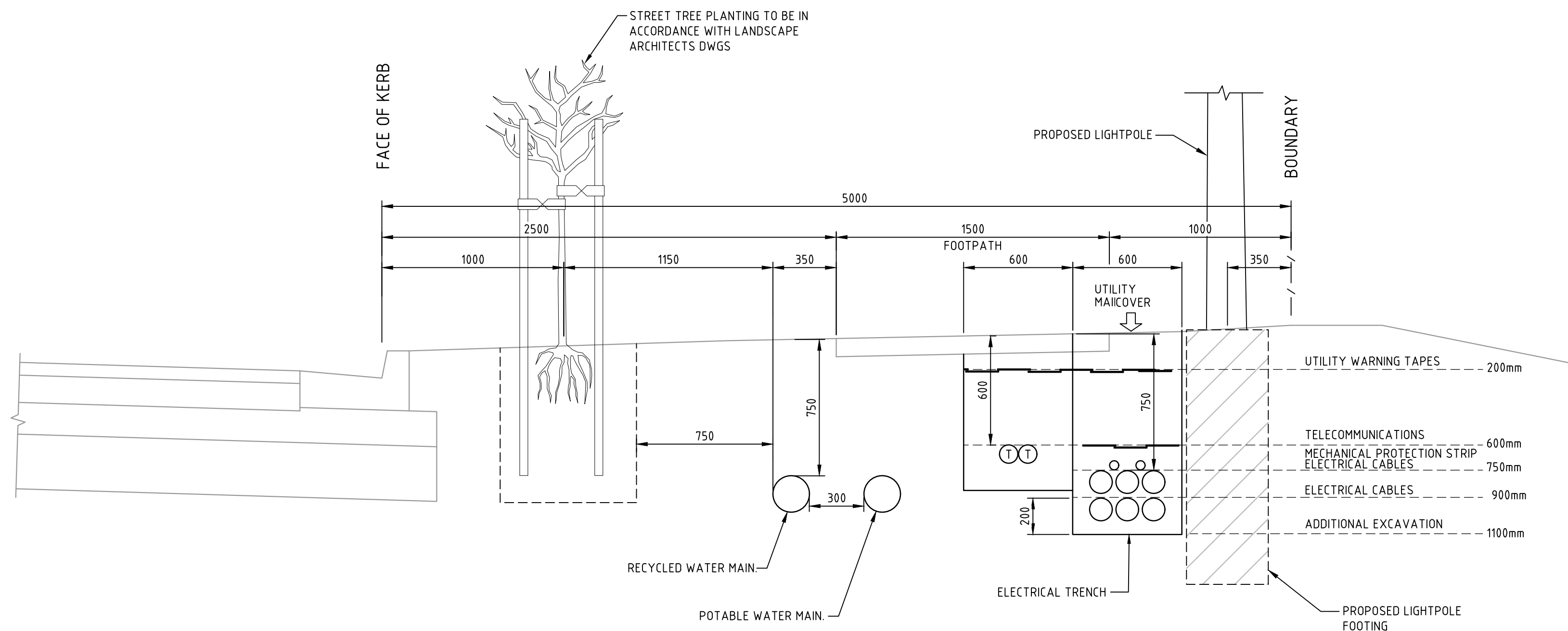
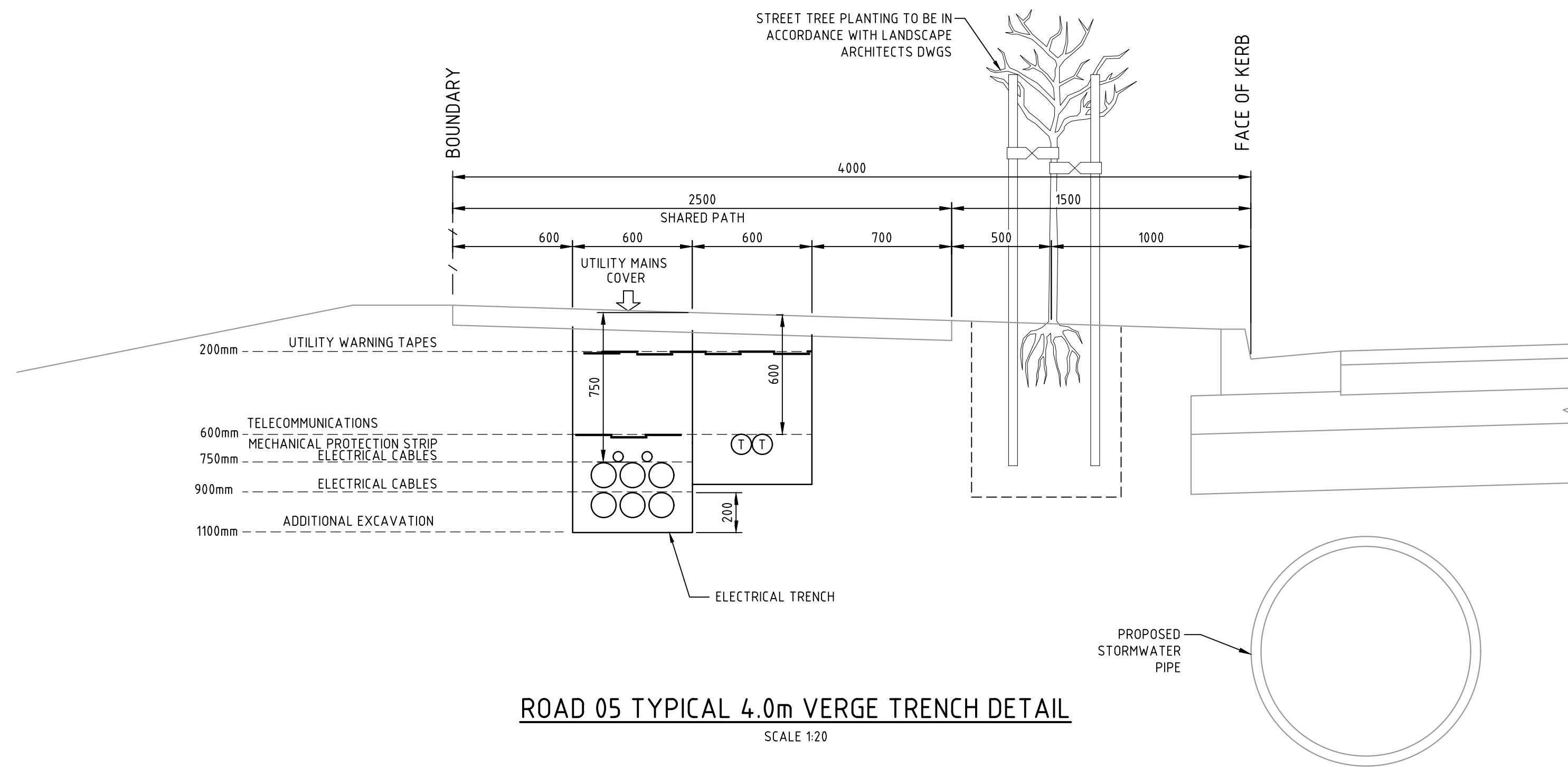
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**200 ALDINGTON**

Title

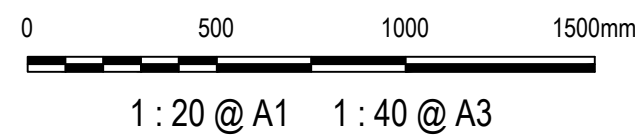
**TYPICAL ROAD SECTIONS**  
**SHEET 4**

Drawing No.	Project No.	Issue
19-609-C1013	19-609	D







C	ISSUED FOR SSD APPROVAL	03-08-22
B	ISSUED FOR SSD APPROVAL	13-04-22
A	ISSUED FOR SSD APPROVAL	09-03-22
P1	ISSUED FOR INFORMATION	31-01-22
Issue	Description	Date



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	AS SHOWN	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C1014.dwg



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Project

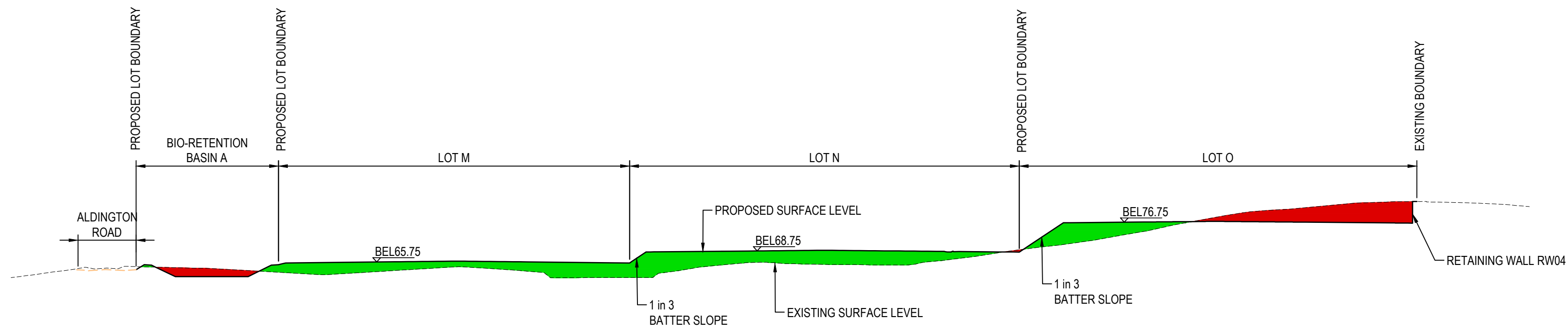
**PROPOSED INDUSTRIAL  
DEVELOPMENT  
200 ALDINGTON**

Title

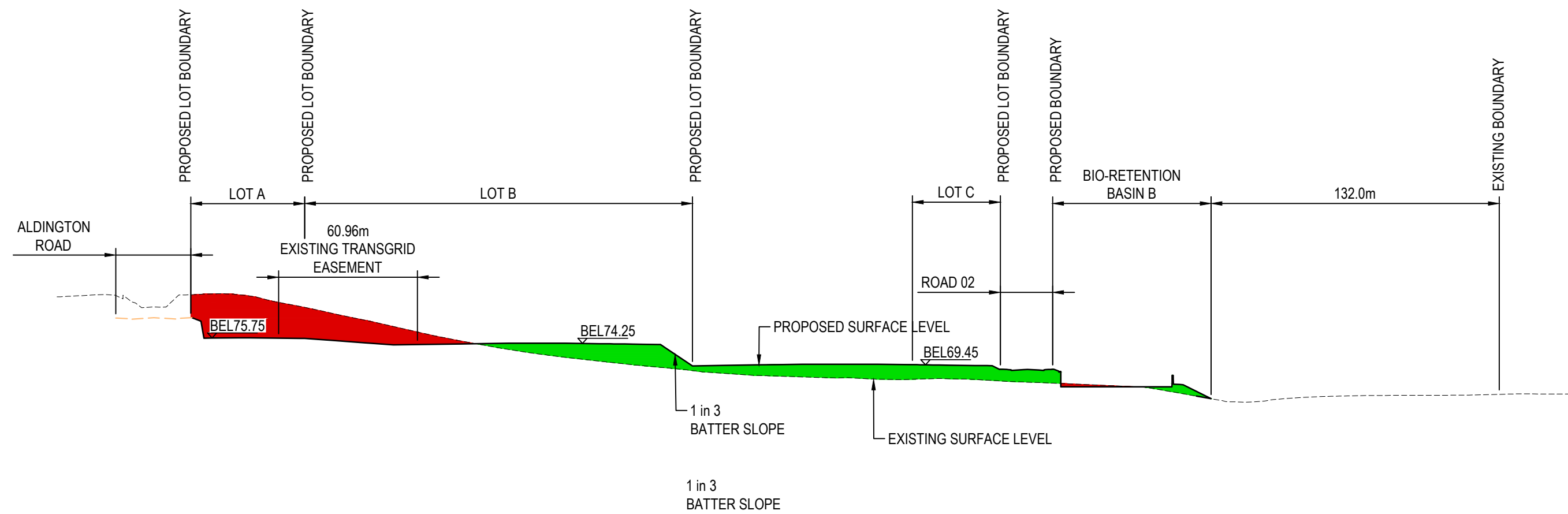
**TYPICAL ROAD  
SECTIONS  
SHEET 5**

Drawing No. <b>19-609-C1014</b>	Project No. <b>19-609</b>	Issue <b>C</b>
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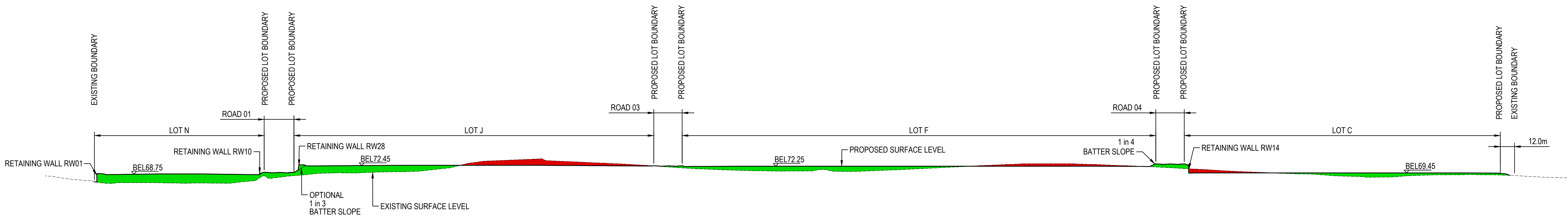




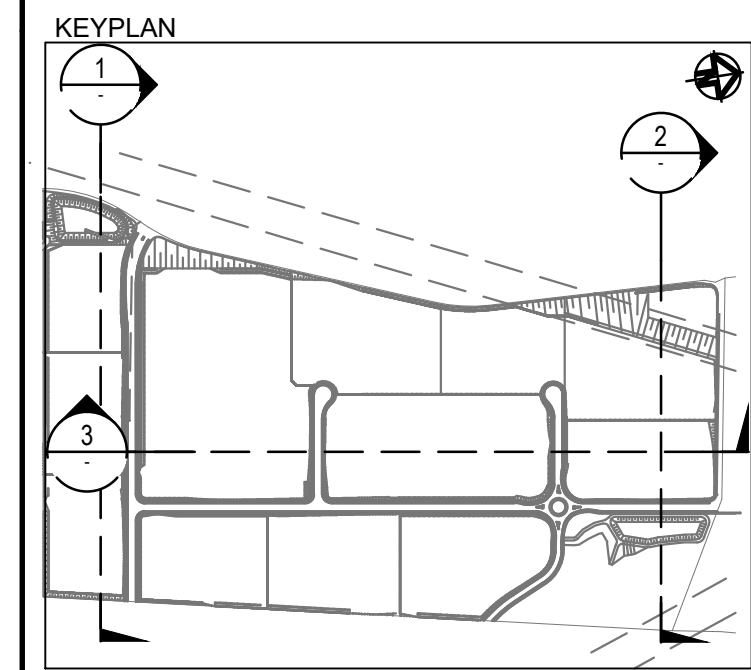
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1 : 2000 (H) 1 : 1000 (V) C1030



SECTION 2  
1 : 2000 (H) 1 : 1000 (V) C1030



SECTION 3  
1 : 2000 (H) 1 : 1000 (V) C1030



E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
P2	ISSUED FOR INFORMATION	31-01-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20

Issue	Description	Date
0		
1	1 : 1000 @ A1	1 : 2000 @ A3
2	1 : 2000 @ A1	1 : 4000 @ A3

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Scales	AS SHOWN	Drawn GB Designed GB
Height Datum	AHD	Checked AM
Grid	GDA2020	Approved

Client 19-609-C1015.dwg



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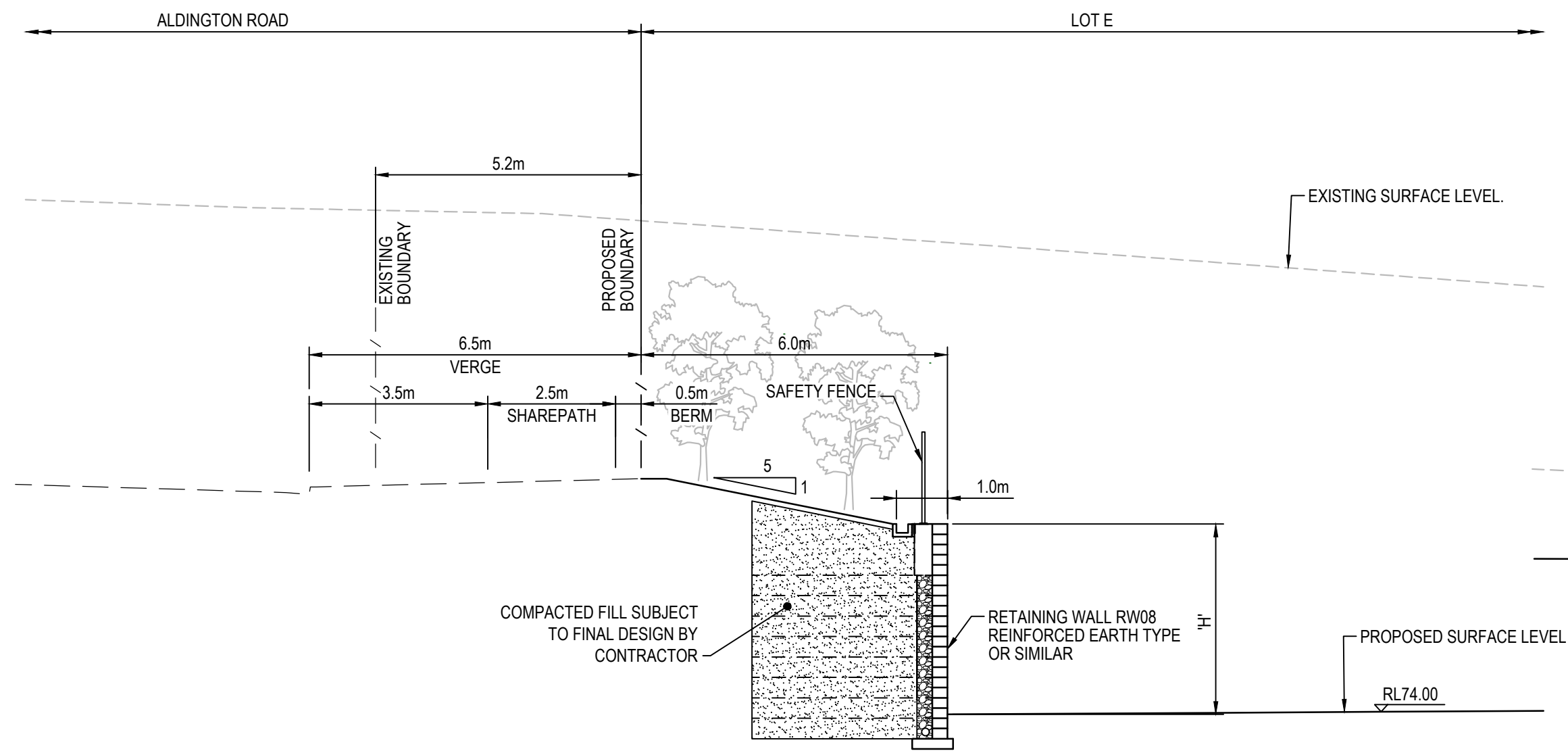
Project  
**PROPOSED INDUSTRIAL  
DEVELOPMENT  
200 ALDINGTON**

Title  
**TYPICAL SITE  
SECTIONS  
SHEET 1**

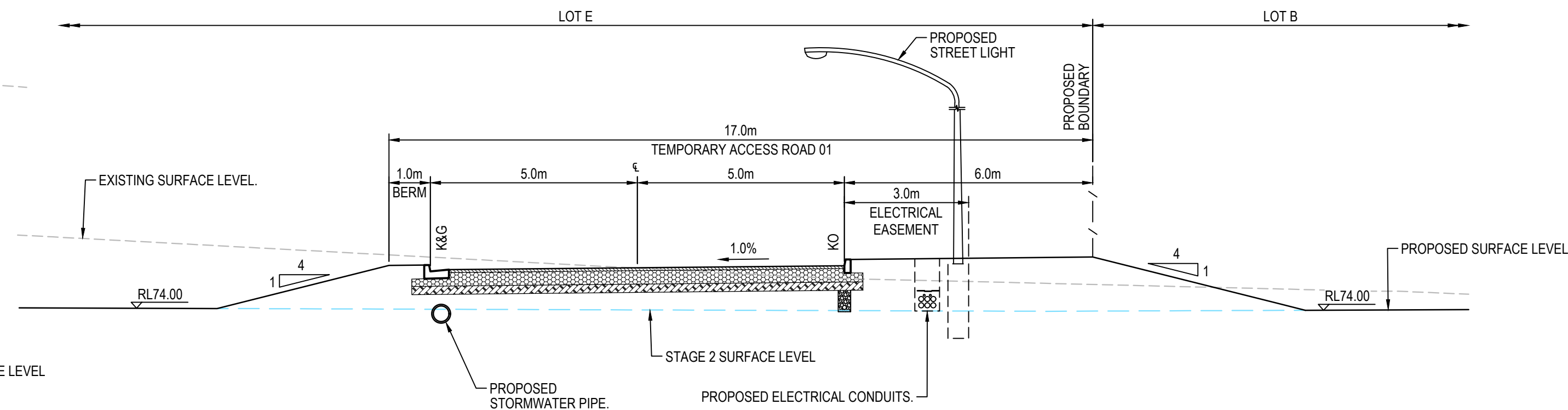
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ALL FINISHED LEVELS ARE ±2000mm U.N.O

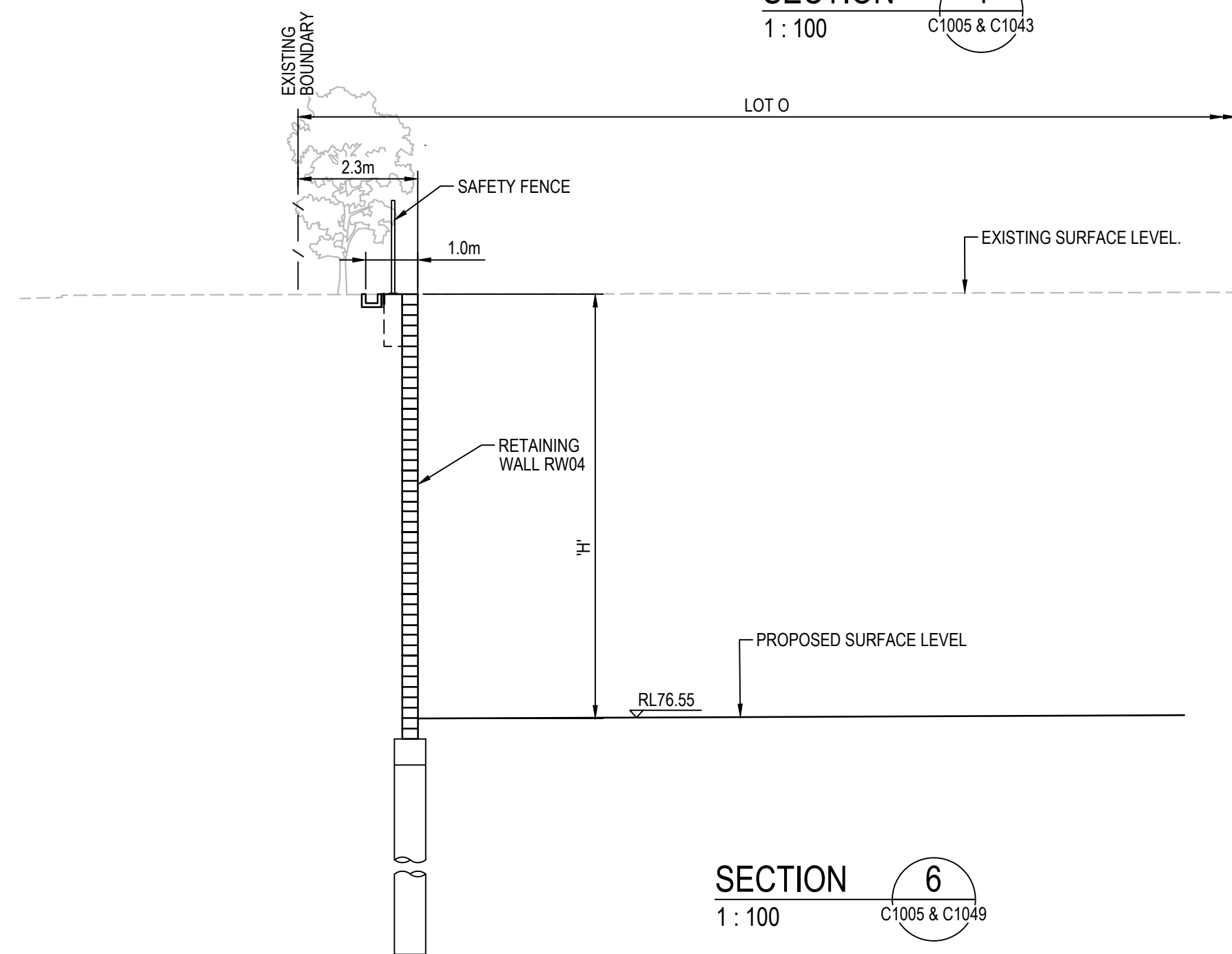




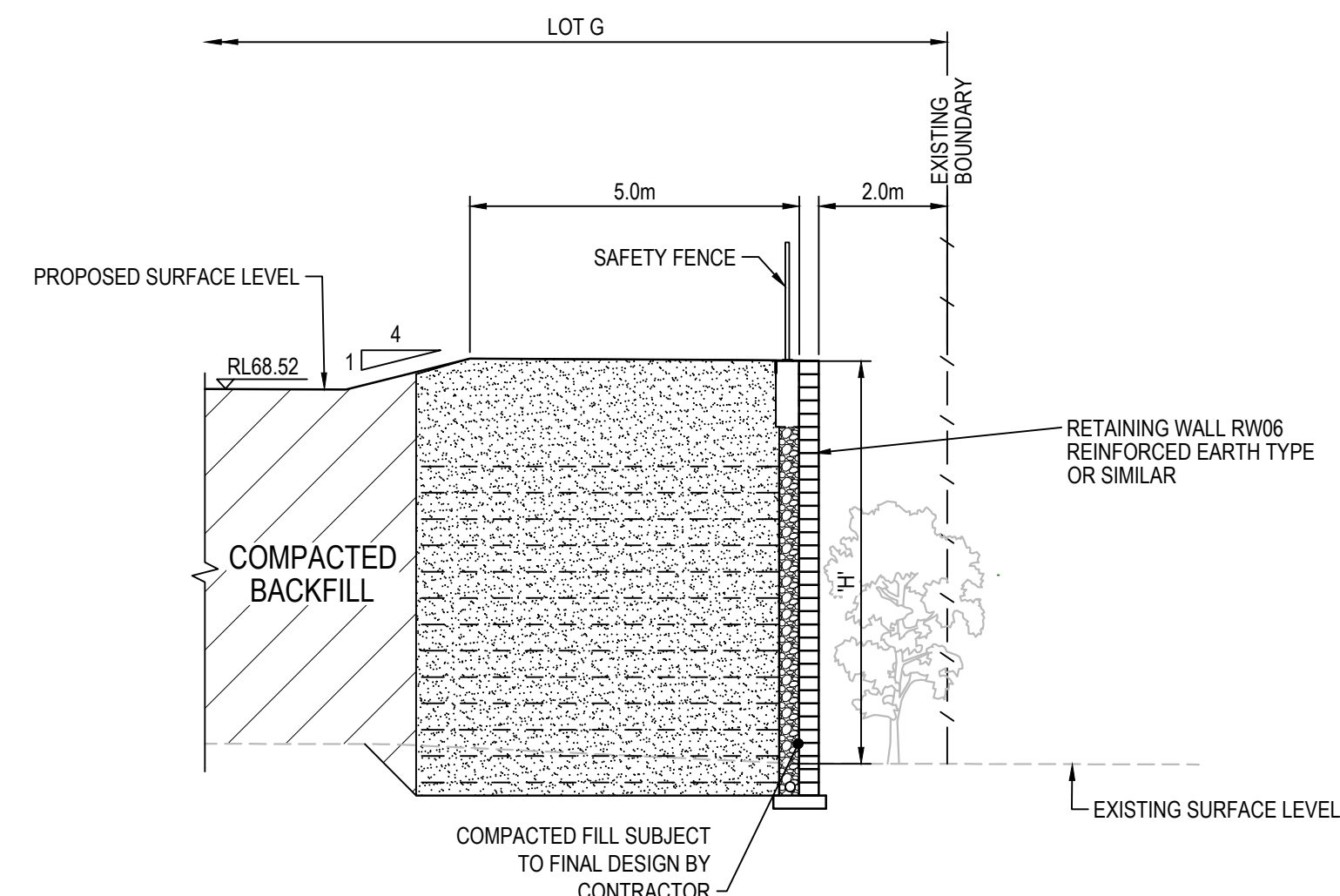
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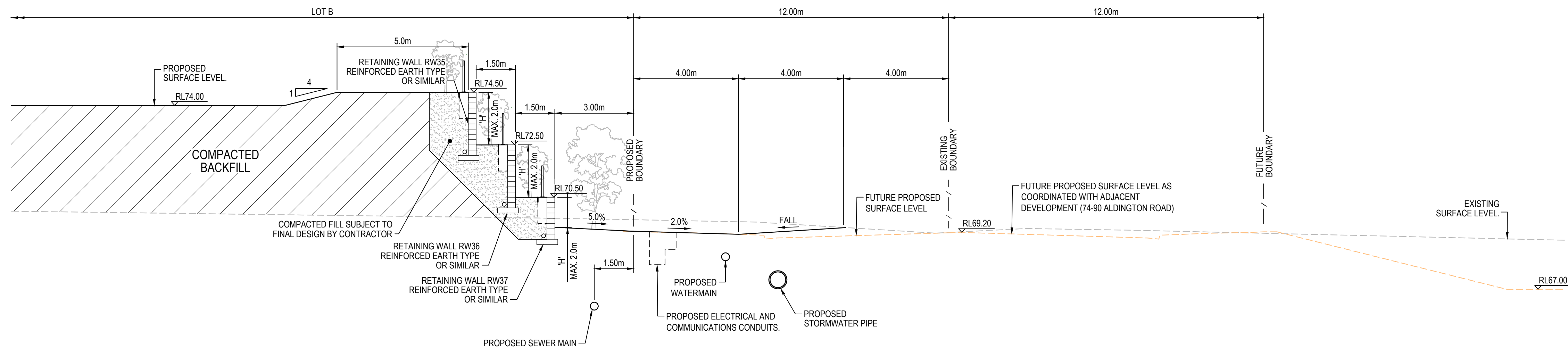
SECTION 5  
1: 100



SECTION 6  
1: 100



SECTION 7  
1: 100



SECTION 8  
1: 100

ALL FINISHED LEVELS ARE ±2000mm U.N.O

G	ISSUED FOR SSD APPROVAL	03-08-22
F	ISSUED FOR SSD APPROVAL	22-04-22
E	ISSUED FOR SSD APPROVAL	13-04-22
D	ISSUED FOR SSD APPROVAL	09-03-22
P2	ISSUED FOR INFORMATION	31-01-22
C	ISSUED FOR SSD APPROVAL	13-01-22
Issue	Description	Date



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	AS SHOWN	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C1016.dwg



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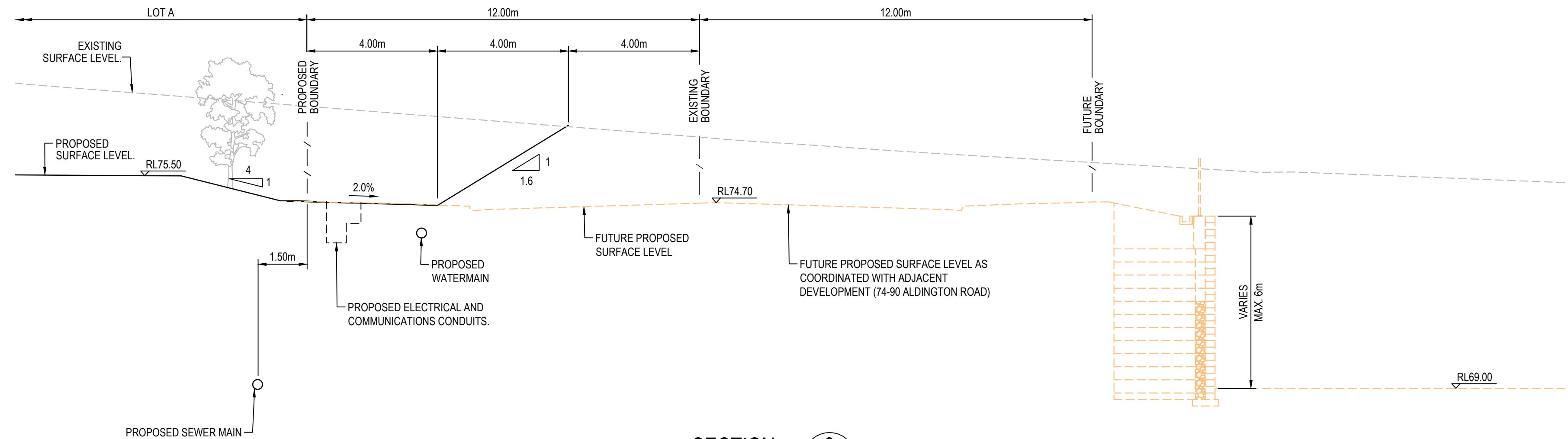
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200 ALDINGTON**

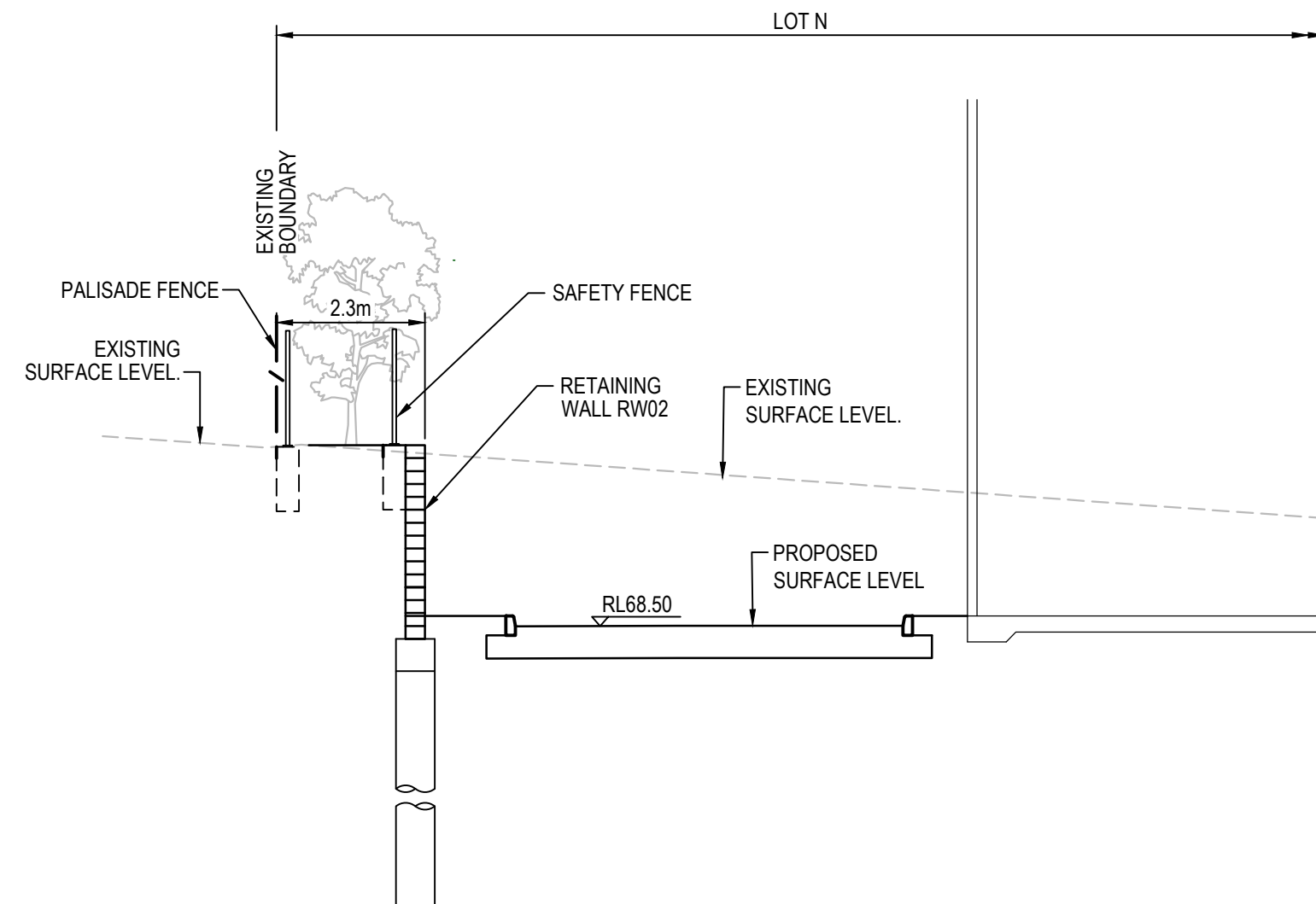
Title  
**TYPICAL SITE  
SECTIONS  
SHEET 2**

Drawing No. 19-609-C1016	Project No. 19-609	Issue G
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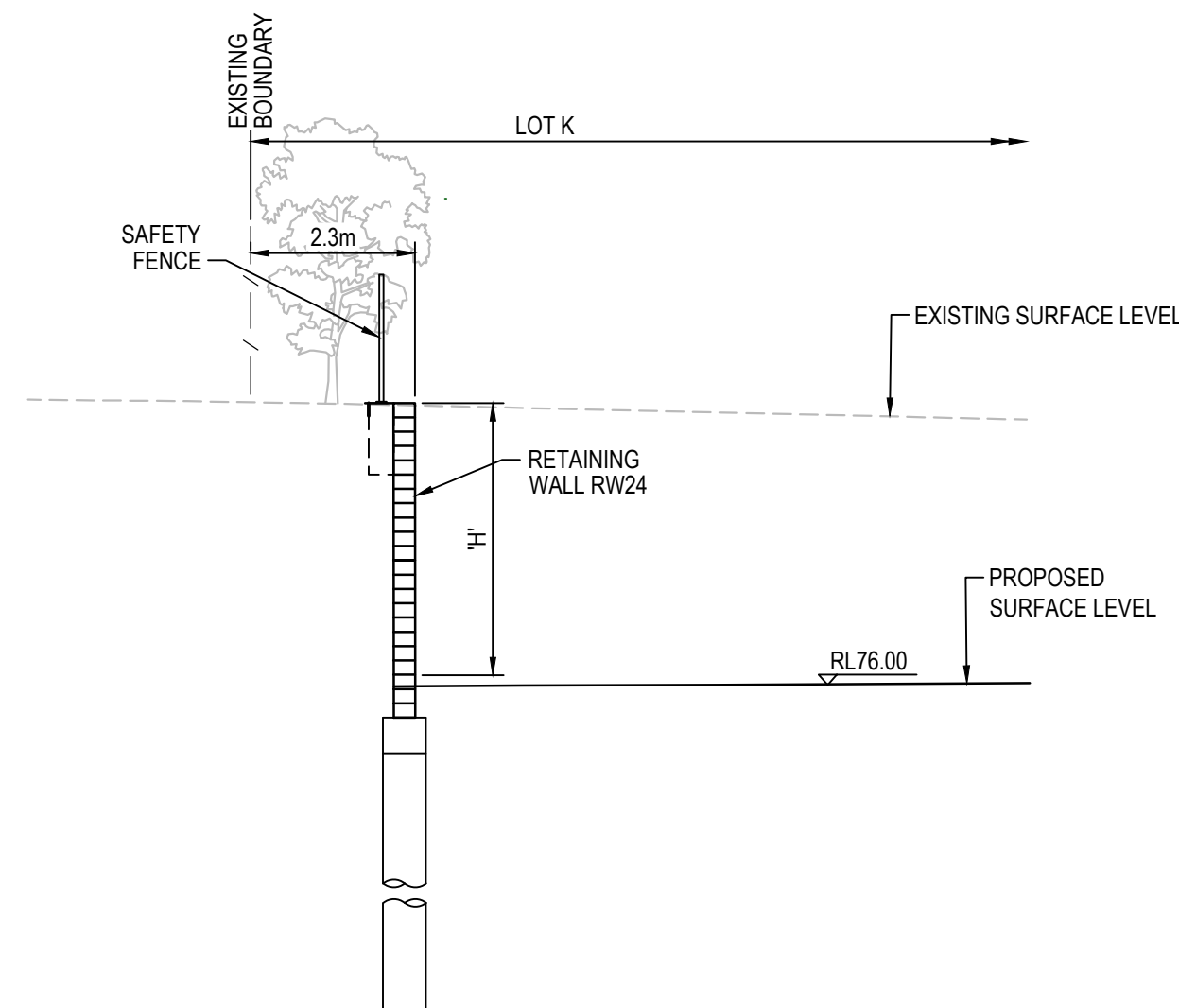




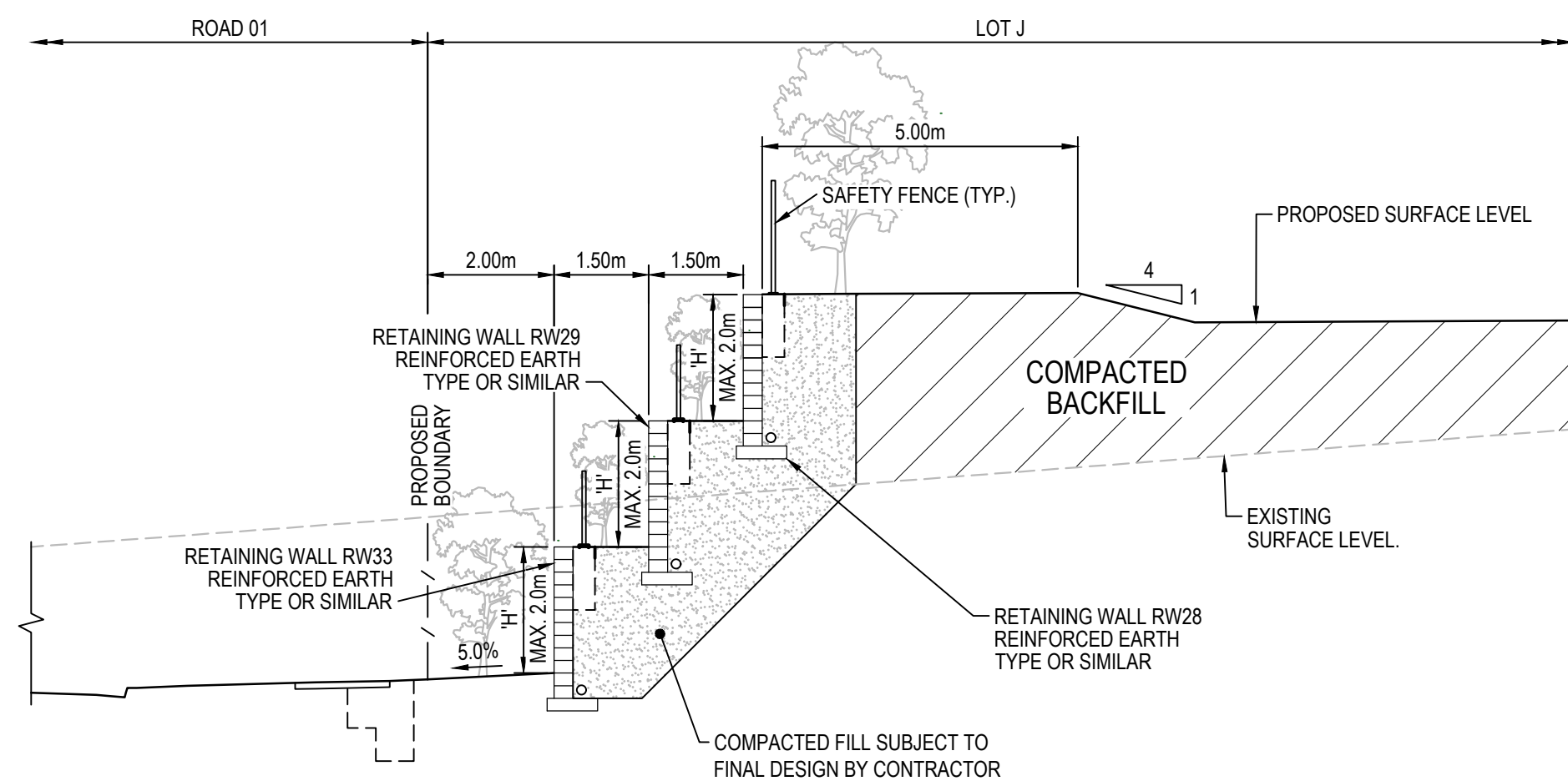
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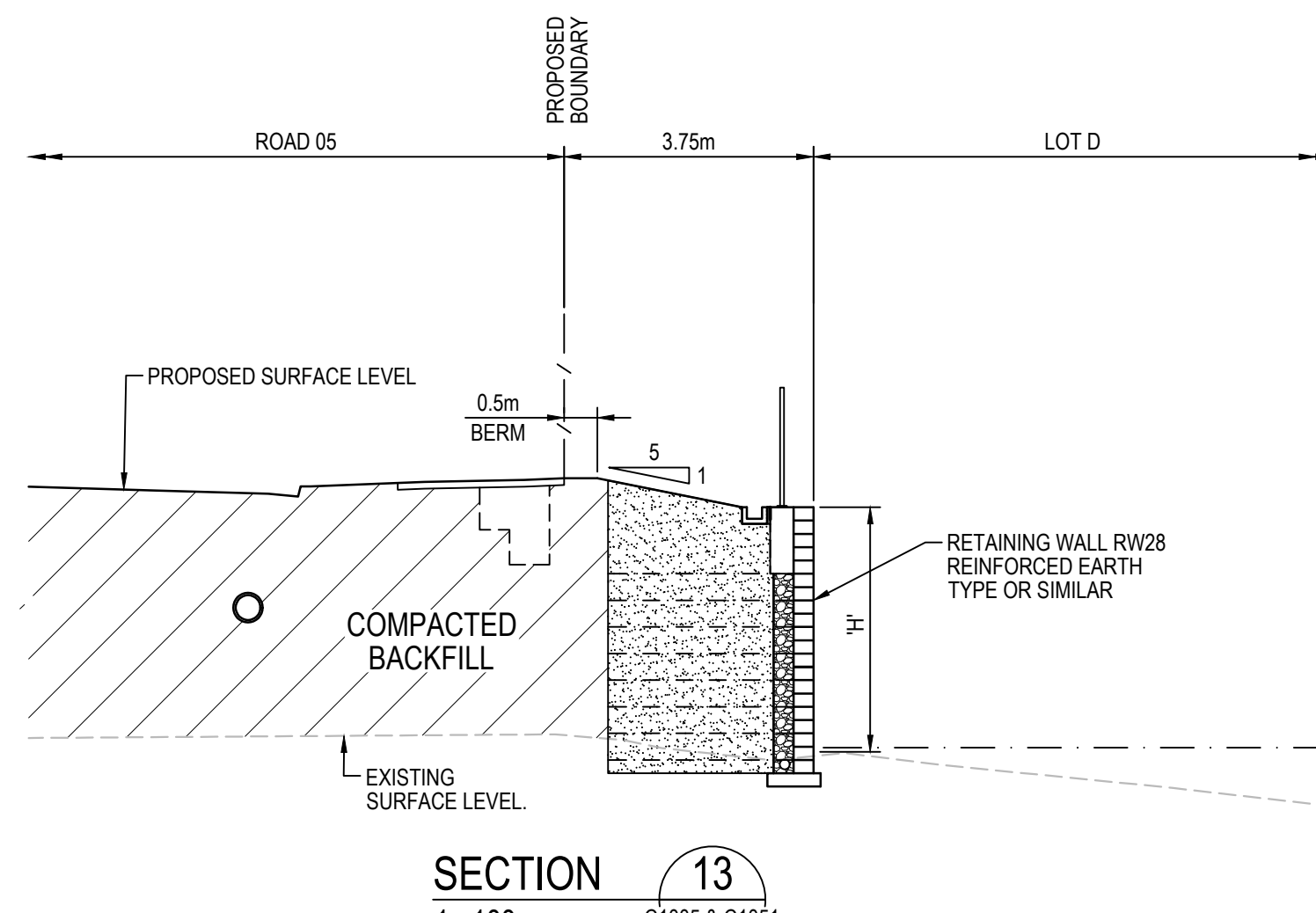
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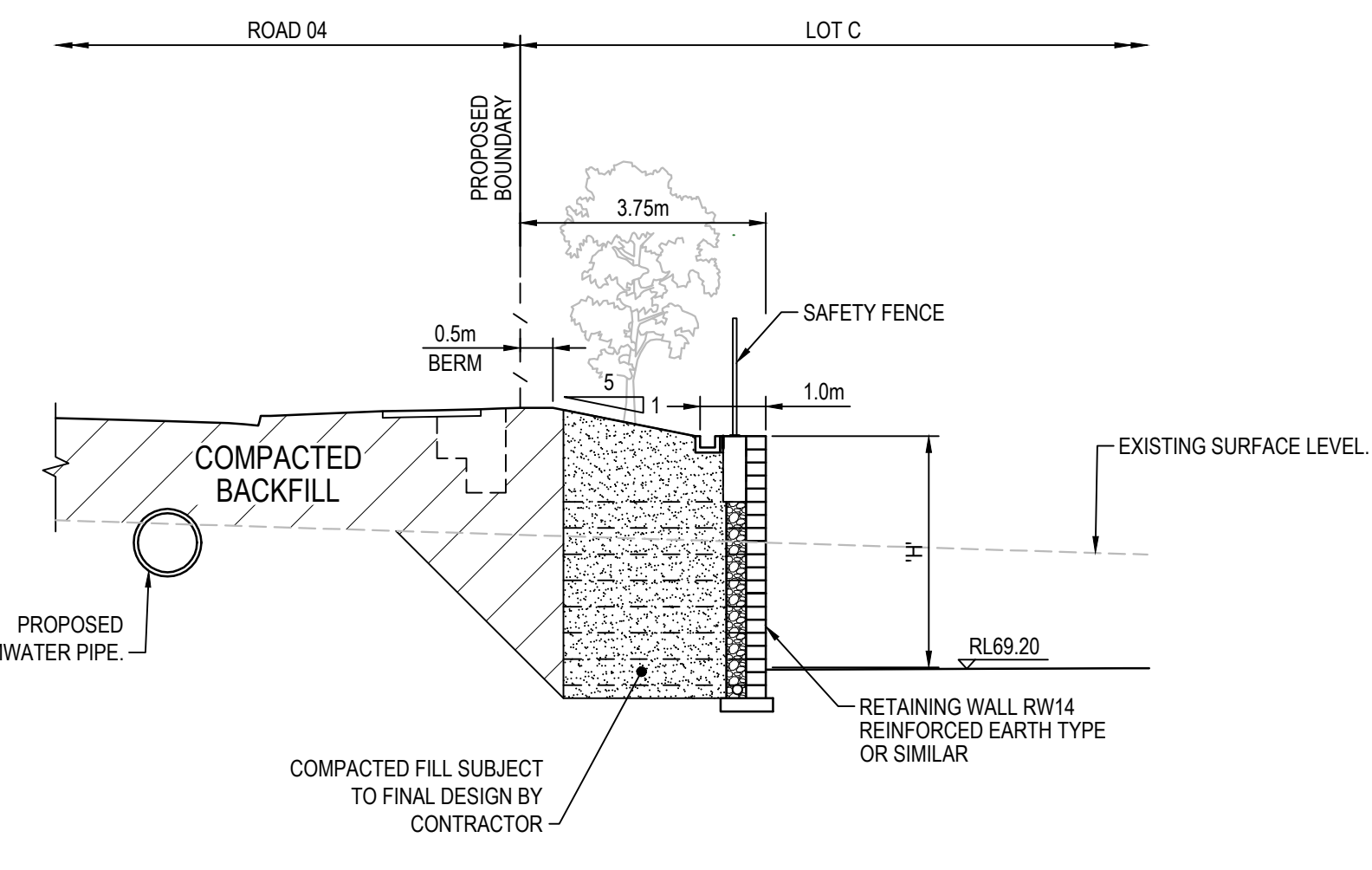
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C1005 & C1049



SECTION 12  
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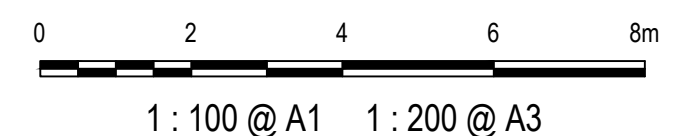
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SECTION 14  
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C1005 & C1047

ALL FINISHED LEVELS ARE ±2000mm U.N.O

G	ISSUED FOR SSD APPROVAL	03-08-22
F	ISSUED FOR SSD APPROVAL	22-04-22
E	ISSUED FOR SSD APPROVAL	13-04-22
D	ISSUED FOR SSD APPROVAL	09-03-22
P3	ISSUED FOR INFORMATION	02-02-22
P2	ISSUED FOR INFORMATION	31-01-22
Issue	Description	Date



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	AS SHOWN	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C1017.dwg



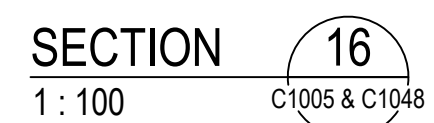
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Fax: 02 9923 1055  
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info@atl.net.au

Project  
**PROPOSED INDUSTRIAL  
DEVELOPMENT  
200 ALDINGTON**

Title  
**TYPICAL SITE  
SECTIONS  
SHEET 3**

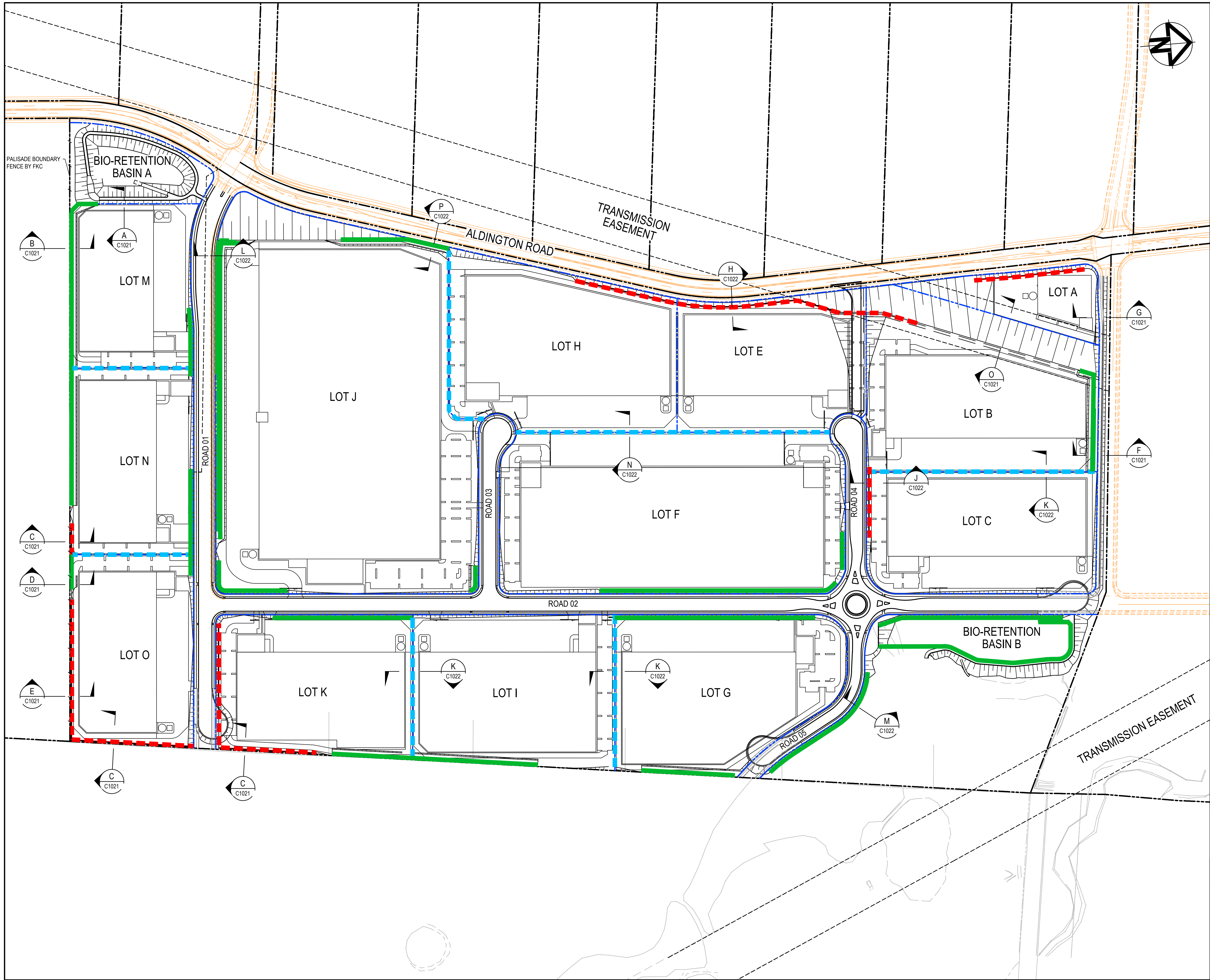
Drawing No. 19-609-C1017	Project No. 19-609	Issue G
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Date Plotted: 4 Aug 2022 - 09:35PM File Name: F:\19-609 FK\6.0 Drqs\Civil\Final\SSDA\1000 Infrastructure Package\19-609-C1018.dwg V1





### LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- PROPOSED BOUNDARY
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- INTERALLOTMENT RETAINING WALL
- FUTURE WORKS
- BOUNDARY FENCE

Issue	Description	Date
F	ISSUED FOR SSD APPROVAL	03-08-22
E	ISSUED FOR SSD APPROVAL	13-04-22
D	ISSUED FOR SSD APPROVAL	09-03-22
P2	ISSUED FOR INFORMATION	31-01-22
C	ISSUED FOR SSD APPROVAL	13-01-22
B	ISSUED FOR SSD APPROVAL	08-09-21

0 50 100 150m

1 : 2000 @ A1

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	1 : 2000	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C1020.dwg

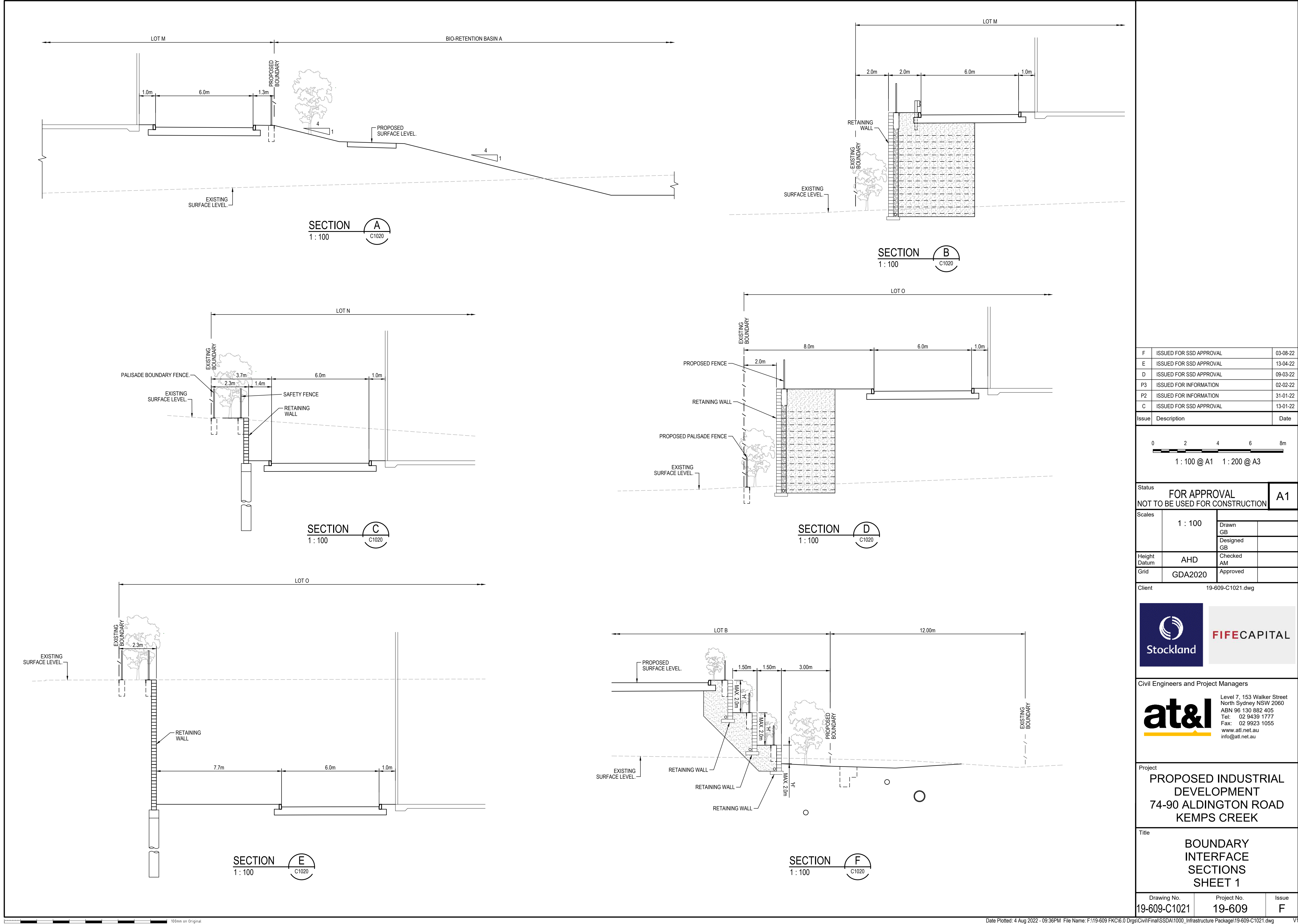
Civil Engineers and Project Managers

Level 7, 153 Walker Street  
North Sydney NSW 2060  
ABN 96 130 882 405  
Tel: 02 9439 1777  
Fax: 02 9923 1055  
www.atl.net.au  
info@atl.net.au

Project	PROPOSED INDUSTRIAL DEVELOPMENT 200 ALDINGTON	
Title	BOUNDARY INTERFACE PLAN	

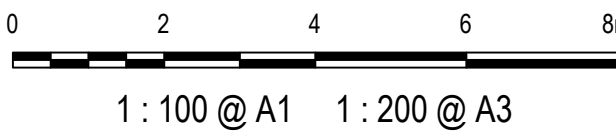
Drawing No.	Project No.	Issue
19-609-C1020	19-609	F





F	ISSUED FOR SSD APPROVAL	03-08-22
E	ISSUED FOR SSD APPROVAL	13-04-22
D	ISSUED FOR SSD APPROVAL	09-03-22
P3	ISSUED FOR INFORMATION	02-02-22
P2	ISSUED FOR INFORMATION	31-01-22
C	ISSUED FOR SSD APPROVAL	13-01-22

Issue	Description	Date
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Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
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Scales	1 : 100	Drawn GB	
		Designed GB	

Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client	19-609-C1021.dwg
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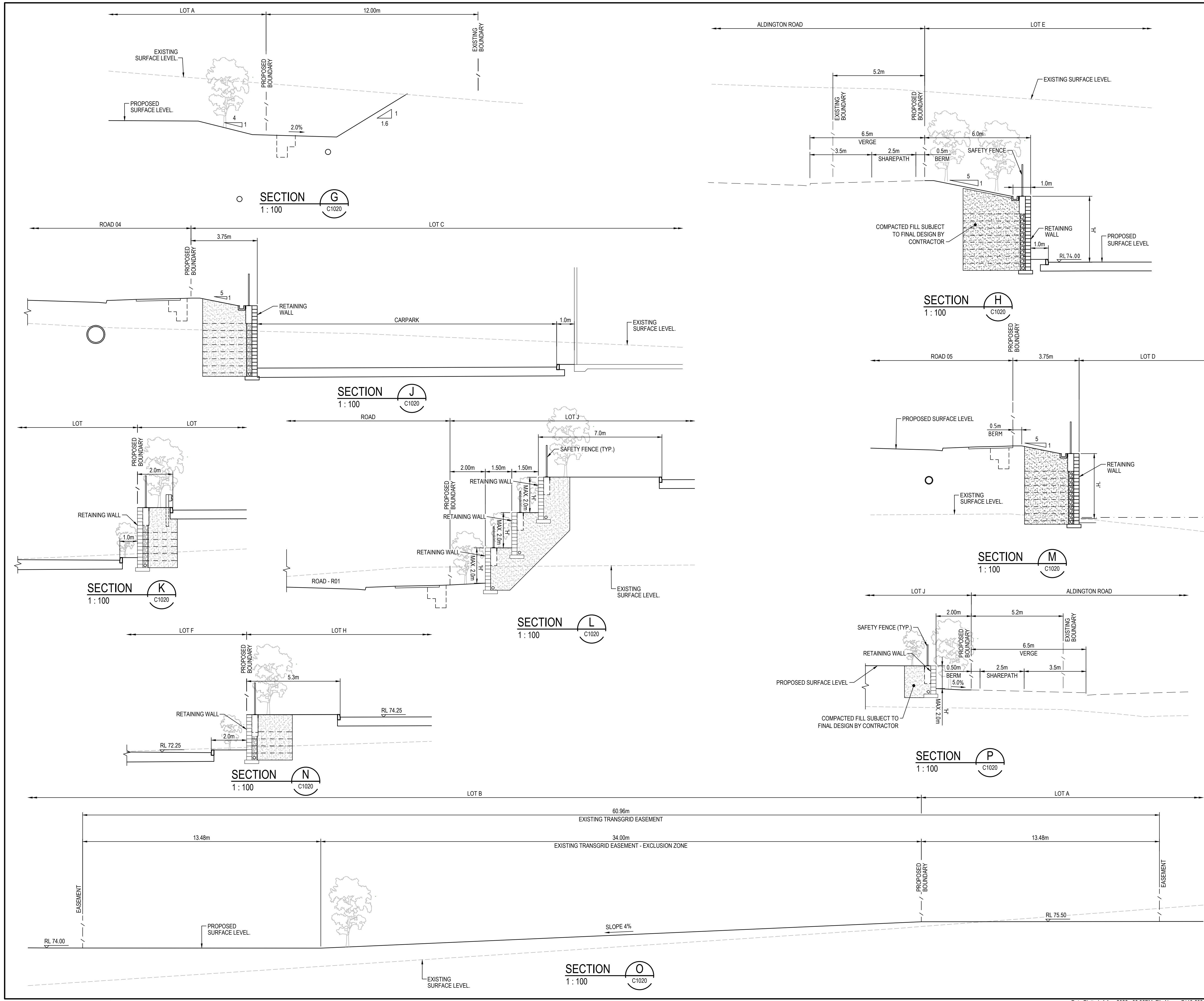
Civil Engineers and Project Managers	Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au
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Project	PROPOSED INDUSTRIAL DEVELOPMENT 74-90 ALDINGTON ROAD KEMPS CREEK
---------	---

Title	BOUNDARY INTERFACE SECTIONS SHEET 1
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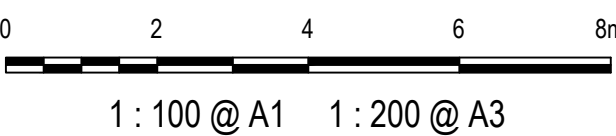
Drawing No. 19-609-C1021	Project No. 19-609	Issue F
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F	ISSUED FOR SSD APPROVAL	03-08-22
E	ISSUED FOR SSD APPROVAL	13-04-22
D	ISSUED FOR SSD APPROVAL	09-03-22
P3	ISSUED FOR INFORMATION	02-02-22
P2	ISSUED FOR INFORMATION	31-01-22
C	ISSUED FOR SSD APPROVAL	13-01-22

Issue	Description	Date
-------	-------------	------



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
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Scales	1 : 100	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client	19-609-C1022.dwg
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Civil Engineers and Project Managers

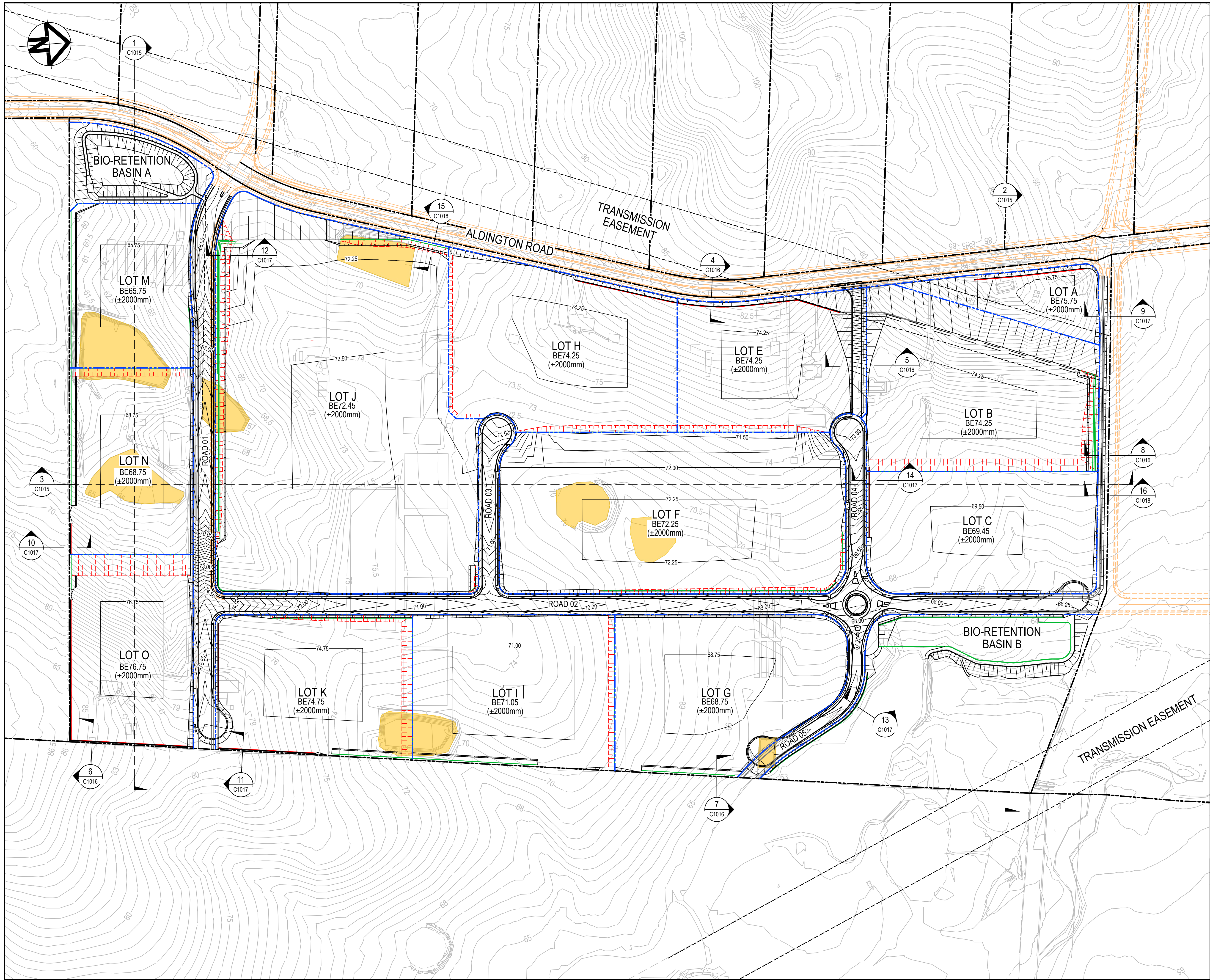
**at&**  
Level 7, 153 Walker Street  
North Sydney NSW 2060  
ABN 96 130 882 405  
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Fax: 02 9923 1055  
www.atl.net.au  
info@atl.net.au

Project  
**PROPOSED INDUSTRIAL  
DEVELOPMENT  
200 ALDINGTON**

Title  
**BOUNDARY  
INTERFACE  
SECTIONS  
SHEET 2**

Drawing No. <b>19-609-C1022</b>	Project No. <b>19-609</b>	Issue <b>F</b>
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### LEGEND

**EXISTING**

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- EXTENT OF EXCAVATION OF EXISTING DAMS

**PROPOSED**

- PROPOSED BOUNDARY
- AVERAGE BULK EARTHWORKS LEVEL
- PROPOSED CONTOUR
- FUTURE WORKS

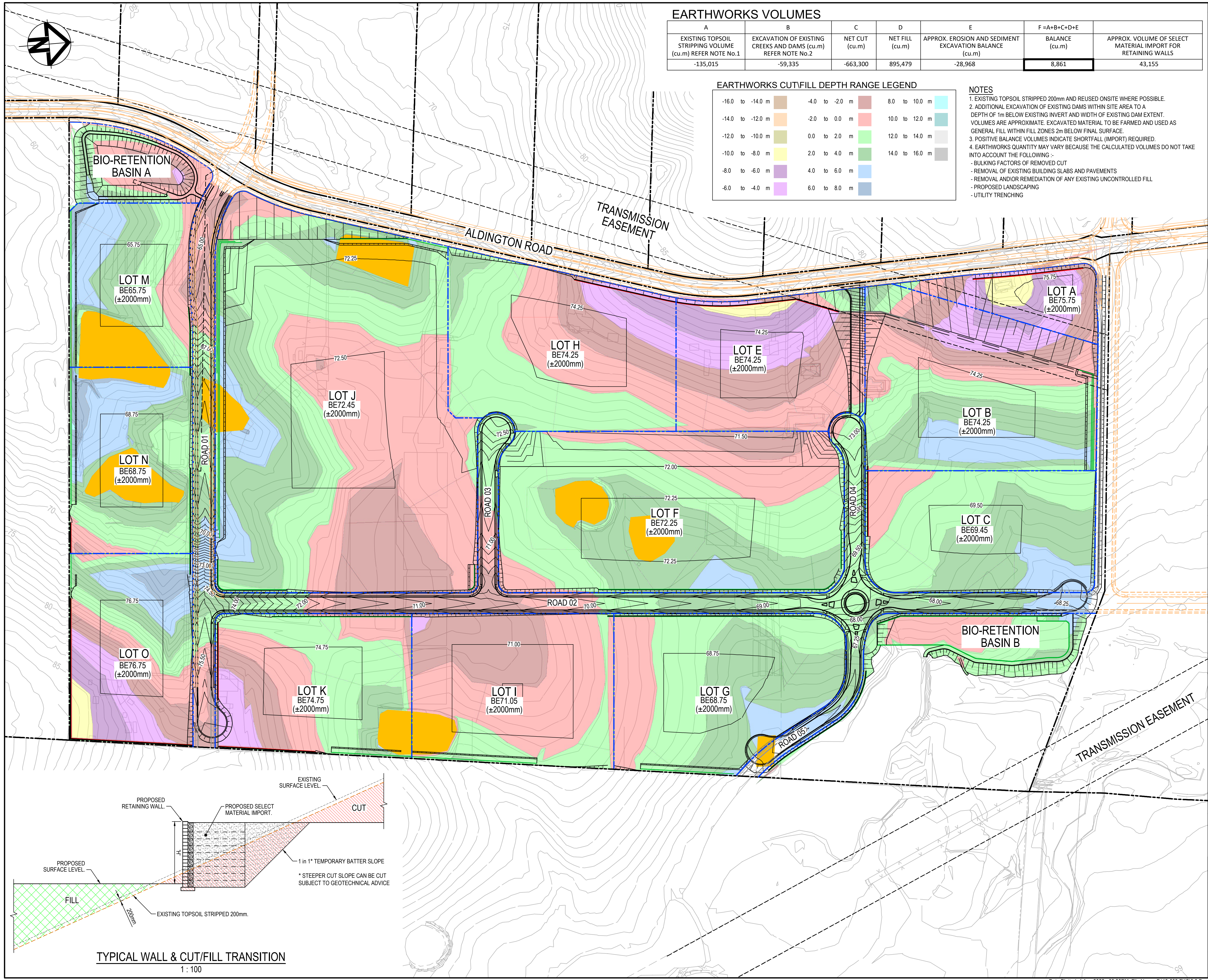
E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

1 : 2000 @ A1

Status	<b>FOR APPROVAL</b>		<b>A1</b>
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 2000	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	
Client 19-609-C1030.dwg			
Civil Engineers and Project Managers			
		Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.ati.net.au info@ati.net.au	
Project			
<b>PROPOSED INDUSTRIAL DEVELOPMENT</b> <b>200 ALDINGTON</b>			
Title			
<b>BULK EARTHWORKS</b> <b>GENERAL ARRANGEMENT PLAN</b>			
Drawing No.	Project No.	Issue	
19-609-C1030	19-609	E	

Date Plotted: 4 Aug 2022 - 09:37PM File Name: F:\19-609 FK06.0 Drgs\Civil\Final\SSDA\1000\_Infrastructure Package\19-609-C1030.dwg





**LEGEND**

**EXISTING**

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR

**PROPOSED**

- PROPOSED BOUNDARY
- AVERAGE BULK EARTHWORKS LEVEL
- PROPOSED CONTOUR
- FUTURE WORKS

**EXTENT OF EXCAVATION OF EXISTING DAMS**

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

Issue

Description

Date

0 50 100 150m

1 : 2000 @ A1

Status

**FOR APPROVAL**

**NOT TO BE USED FOR CONSTRUCTION**

**A1**

Scales

1 : 2000

Drawn GB

Designed GB

Height Datum

AHD

Checked AM

Grid

GDA2020

Approved

Client

19-609-C1031.dwg

**Stockland**

**FIFECAPITAL**

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Project

**PROPOSED INDUSTRIAL DEVELOPMENT**

**200 ALDINGTON**

Title

**BULK EARTHWORKS CUT/FILL PLAN**

Drawing No.

19-609-C1031

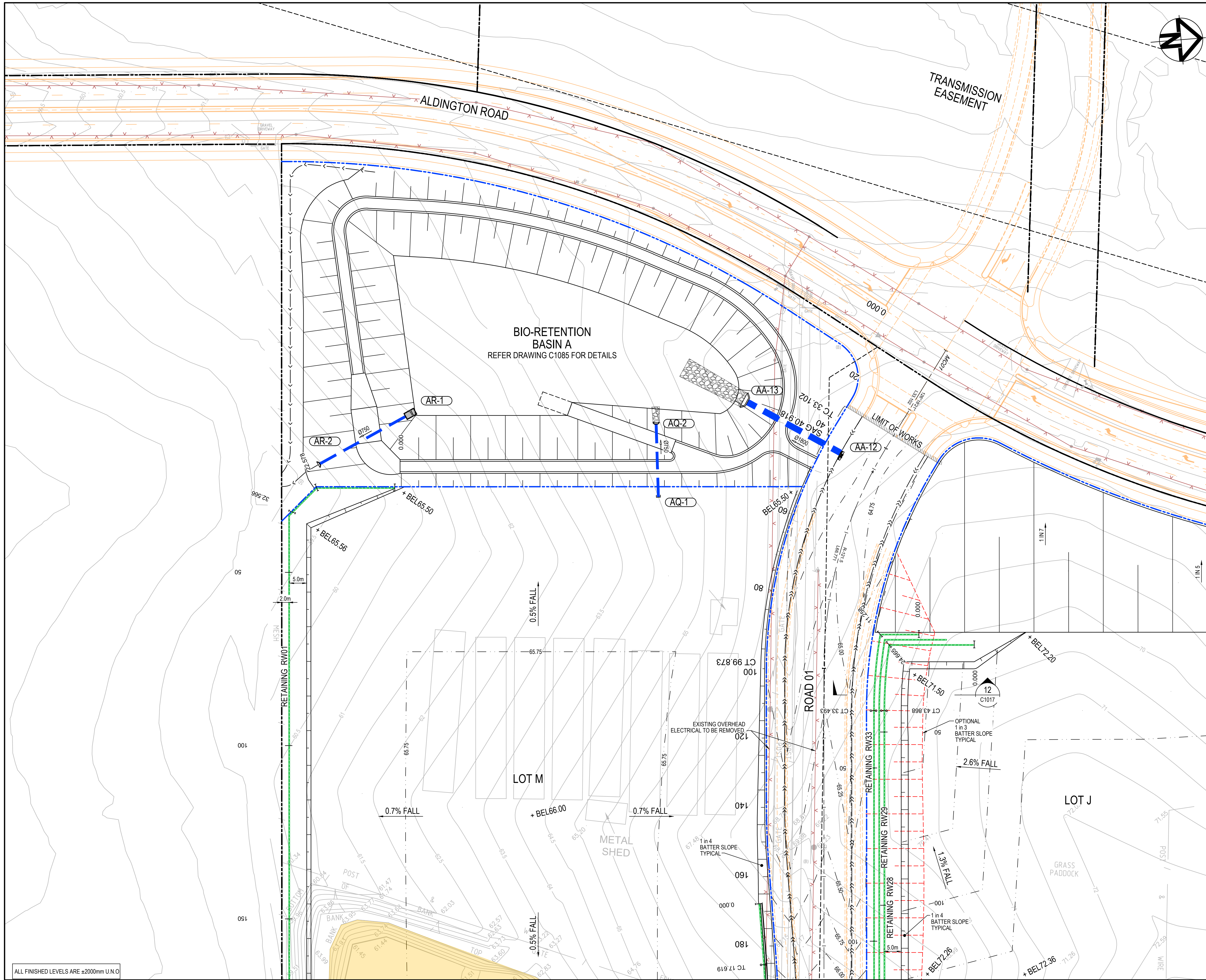
Project No.

19-609

Issue

E





KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- STORMWATER PIPE WITH SIZE
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- PROPOSED STORMWATER PIT NUMBER
- SWALE
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- STAGE 2 WORKS
- FUTURE WORKS
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- EXTENT OF EXCAVATION OF EXISTING DAMS.

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

Issue	Description	Date
-------	-------------	------

0 10 20 30 40m

1 : 500 @ A1 1 : 1000 @ A3

Status	FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 500	Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	GDA2020	Approved	

Client 19-609-C1041.dwg

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info@atl.net.au

Project

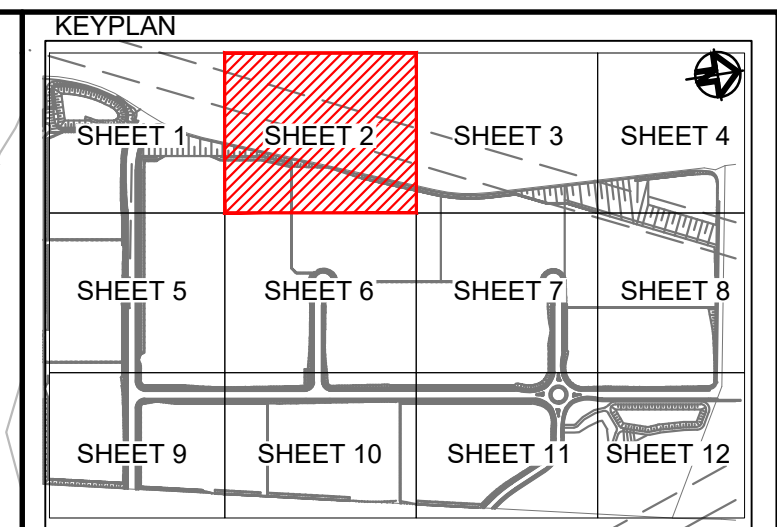
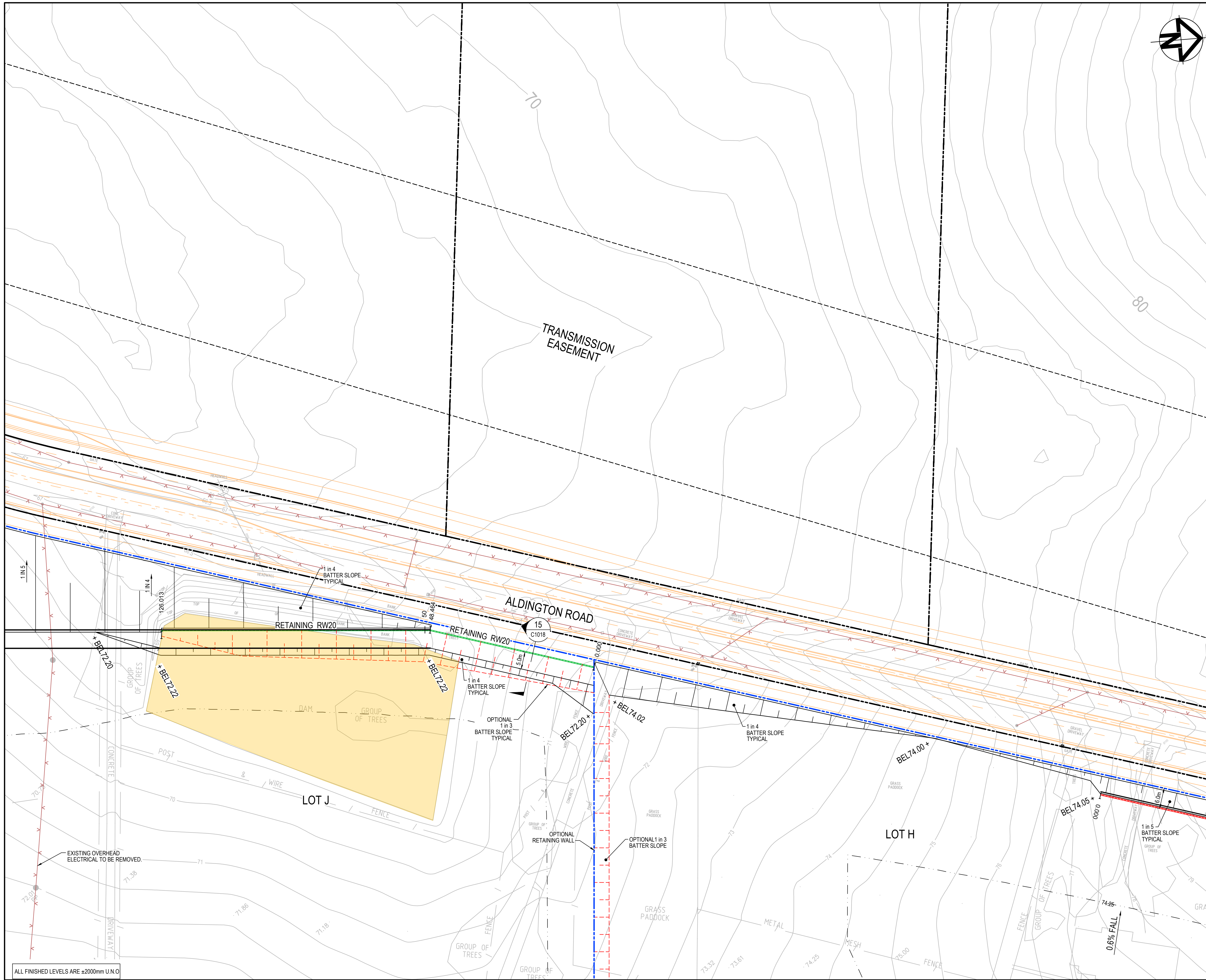
PROPOSED INDUSTRIAL DEVELOPMENT  
200 ALDINGTON

Title

BULK EARTHWORKS AND STORMWATER DRAINAGE  
PLAN  
SHEET 1

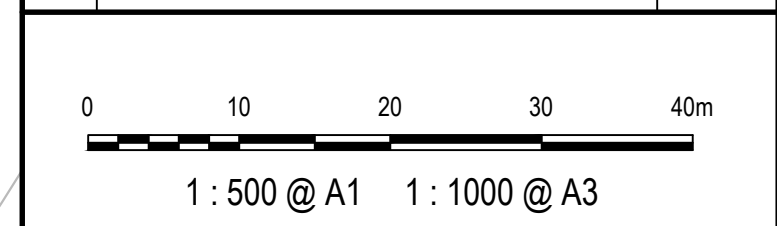
Drawing No.	Project No.	Issue
19-609-C1041	19-609	E





LEGEND	
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	EXISTING EASEMENT
	EXISTING CONTOUR
	PROPOSED BOUNDARY
	PROPOSED EASEMENT
	PROPOSED CONTOUR
	PROPOSED BULK EARTHWORKS LEVEL
	STORMWATER PIPE WITH SIZE
	JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
	HEADWALL
	PROPOSED STORMWATER PIT NUMBER
	SWALE
	PROPOSED RETAINING WALL - FILL
	PROPOSED RETAINING WALL - CUT
	PROPOSED SEWER
	STAGE 2 WORKS
	FUTURE WORKS
	3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
	RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
	EXTENT OF EXCAVATION OF EXISTING DAMS.

Issue	Description	Date
E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20



Status	FOR APPROVAL	A1
NOT TO BE USED FOR CONSTRUCTION		

Scales	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C1042.dwg



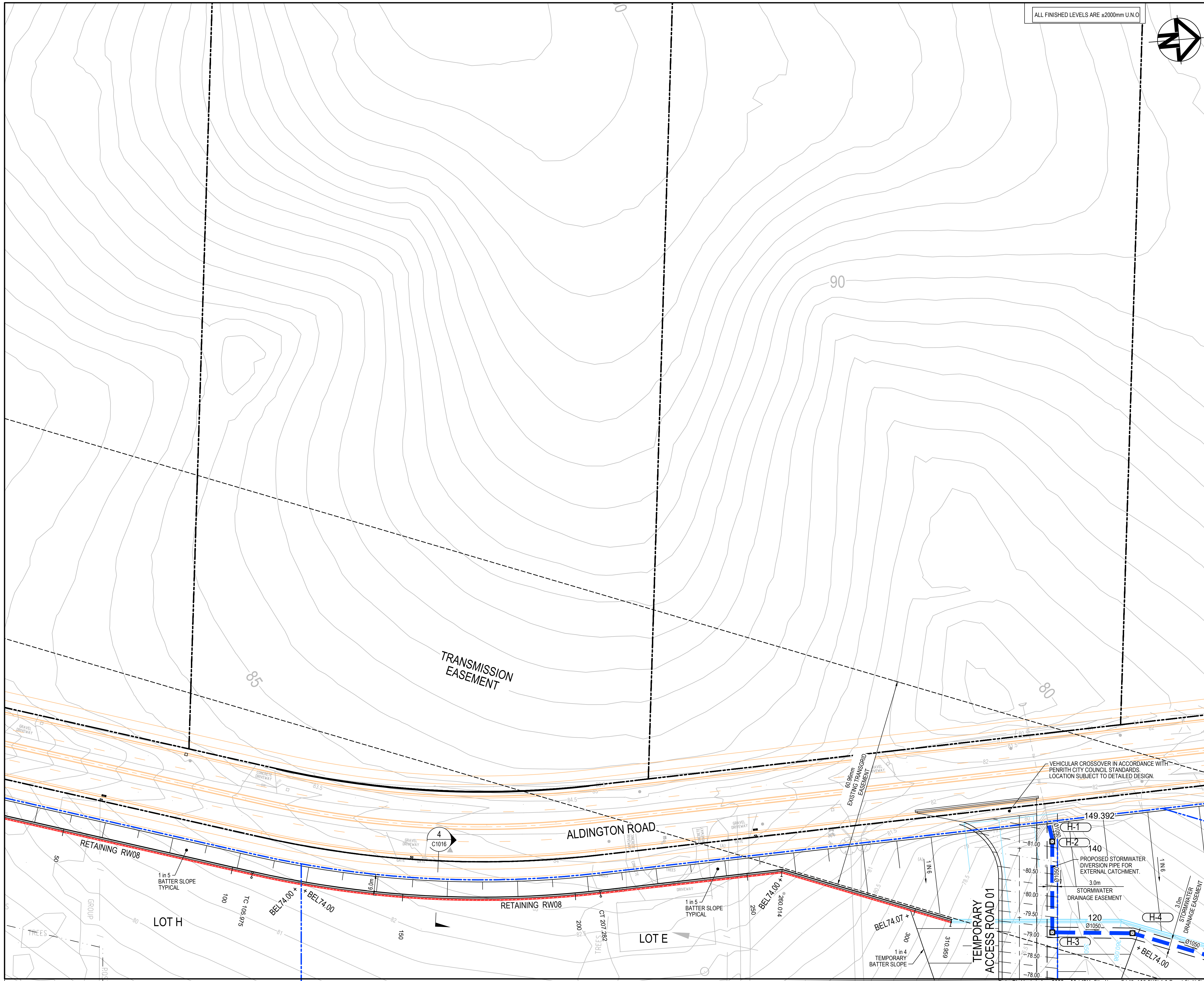
Civil Engineers and Project Managers  
**at&l**  
Level 7, 153 Walker Street  
North Sydney NSW 2060  
ABN 96 130 882 405  
Tel: 02 9439 1777  
Fax: 02 9923 1055  
www.atl.net.au  
info@atl.net.au

Project  
**PROPOSED INDUSTRIAL DEVELOPMENT  
200 ALDINGTON**

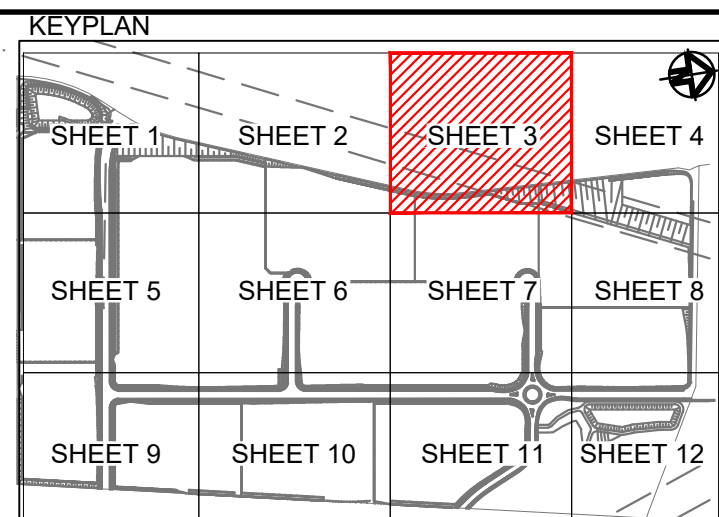
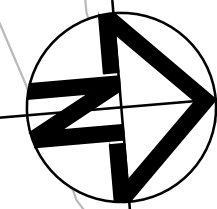
Title  
**BULK EARTHWORKS AND  
STORMWATER DRAINAGE  
PLAN  
SHEET 2**

Drawing No.	Project No.	Issue
19-609-C1042	19-609	E





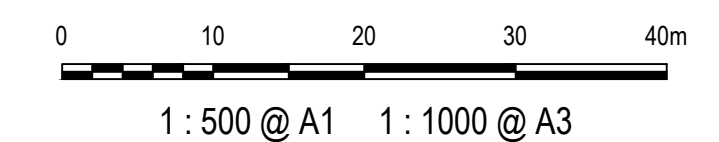
ALL FINISHED LEVELS ARE ±2000mm U.N.O



LEGEND	
	EXISTING BOUNDARY
	EXISTING EASEMENT
	EXISTING CONTOUR
	PROPOSED BOUNDARY
	PROPOSED EASEMENT
	PROPOSED CONTOUR
	PROPOSED BULK EARTHWORKS LEVEL
	STORMWATER PIPE WITH SIZE
	JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
	HEADWALL
	PROPOSED STORMWATER PIT NUMBER
	SWALE
	PROPOSED RETAINING WALL - FILL
	PROPOSED RETAINING WALL - CUT
	PROPOSED SEWER
	STAGE 2 WORKS
	FUTURE WORKS
	3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
	RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
	EXTENT OF EXCAVATION OF EXISTING DAMS.

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

Issue	Description	Date
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Status	FOR APPROVAL	A1
NOT TO BE USED FOR CONSTRUCTION		

Scales	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C1043.dwg



Civil Engineers and Project Managers

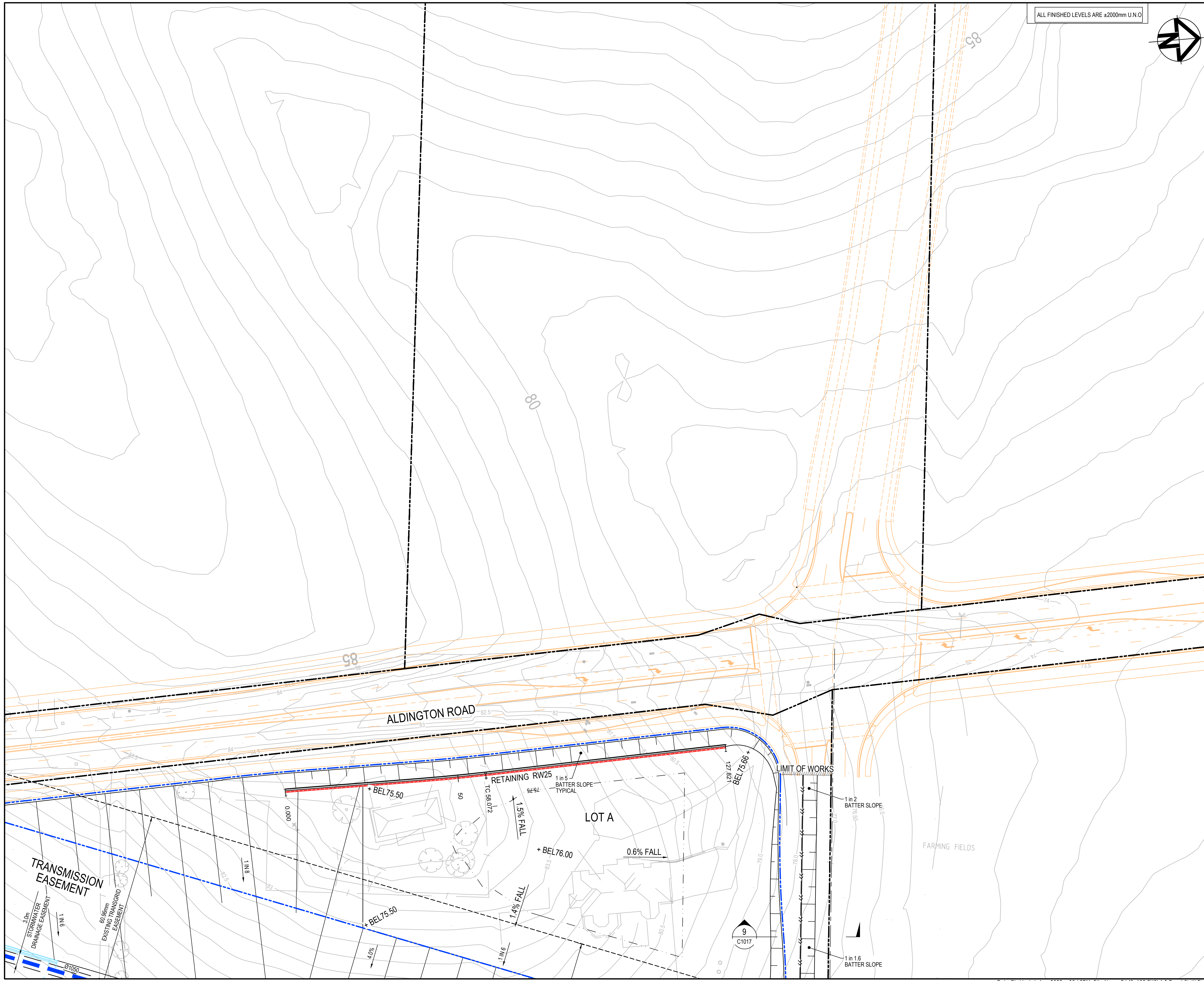


Project  
**PROPOSED INDUSTRIAL DEVELOPMENT**  
**200 ALDINGTON**

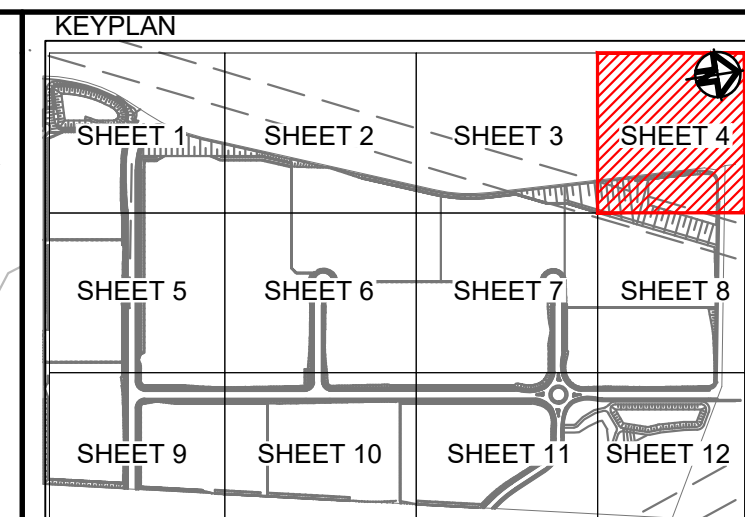
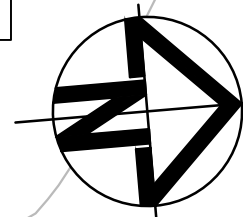
Title  
**BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN**  
**SHEET 3**

Drawing No.	Project No.	Issue
19-609-C1043	19-609	E





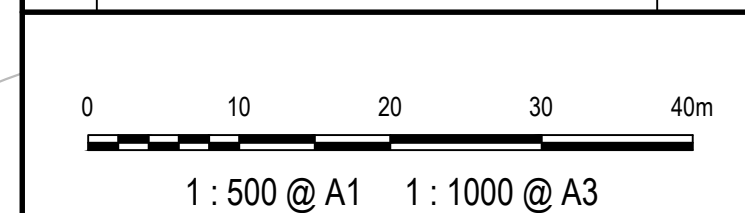
ALL FINISHED LEVELS ARE ±200mm U.N.O



LEGEND	
	EXISTING BOUNDARY
	EXISTING EASEMENT
	EXISTING CONTOUR
	PROPOSED BOUNDARY
	PROPOSED EASEMENT
	PROPOSED CONTOUR
	PROPOSED BULK EARTHWORKS LEVEL
	STORMWATER PIPE WITH SIZE
	JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
	HEADWALL
	PROPOSED STORMWATER PIT NUMBER
	SWALE
	PROPOSED RETAINING WALL - FILL
	PROPOSED RETAINING WALL - CUT
	PROPOSED SEWER
	STAGE 2 WORKS
	FUTURE WORKS
	3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
	RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
	EXTENT OF EXCAVATION OF EXISTING DAMS.

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

Issue	Description	Date
-------	-------------	------



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
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Scales	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client	19-609-C1044.dwg
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Civil Engineers and Project Managers

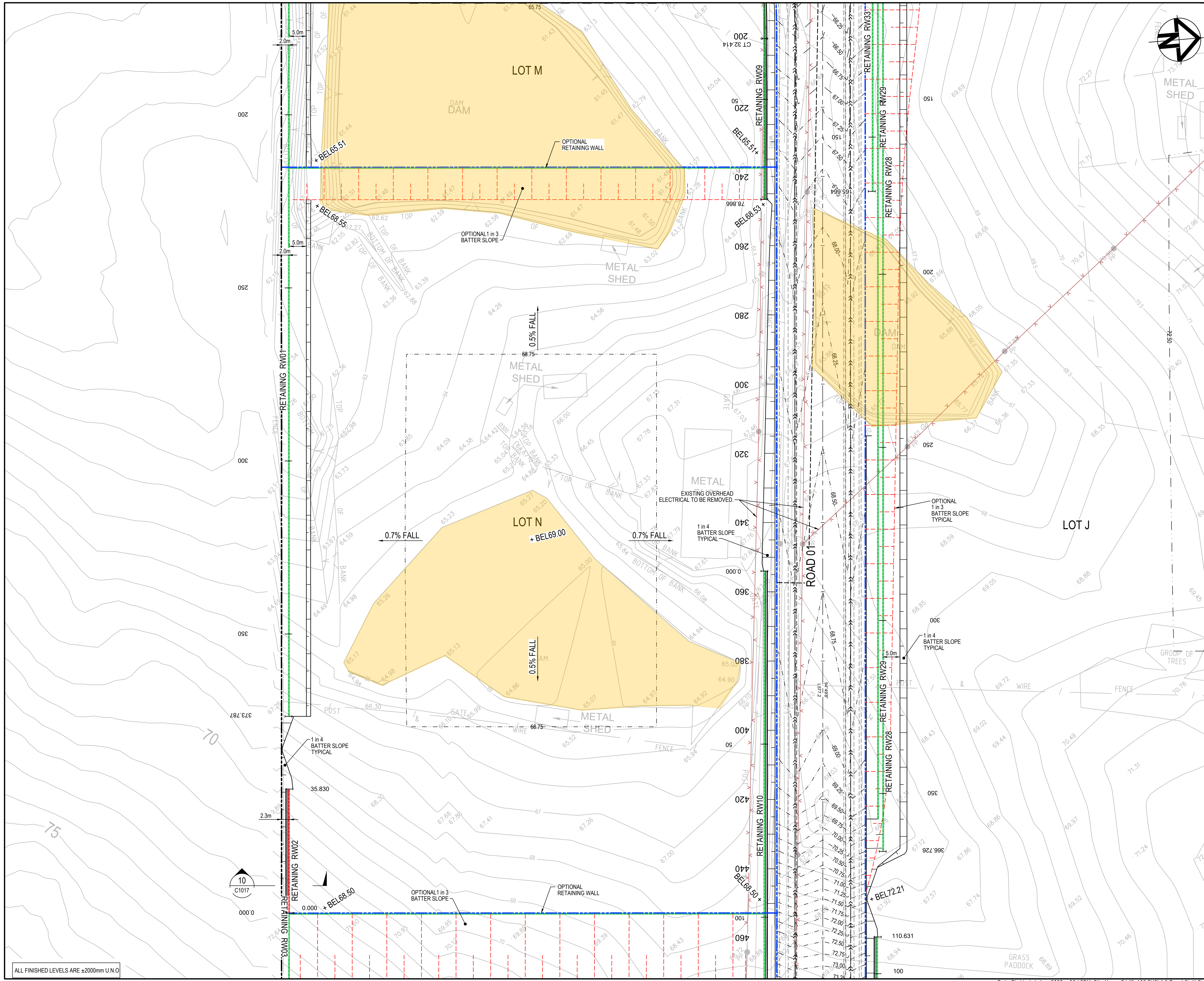


Project	PROPOSED INDUSTRIAL DEVELOPMENT 200 ALDINGTON
---------	--

Title	BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
-------	--

Drawing No.	Project No.	Issue
19-609-C1044	19-609	E





KEYPLAN

**LEGEND**

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- STORMWATER PIPE WITH SIZE
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- PROPOSED STORMWATER PIT NUMBER
- SWALE
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- STAGE 2 WORKS
- FUTURE WORKS
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- EXTENT OF EXCAVATION OF EXISTING DAMS.

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

Issue	Description	Date

0 10 20 30 40m

1 : 500 @ A1 1 : 1000 @ A3

Status	<b>FOR APPROVAL</b>		<b>A1</b>
	<b>NOT TO BE USED FOR CONSTRUCTION</b>		
Scales	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C1045.dwg

Civil Engineers and Project Managers

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Project

**PROPOSED INDUSTRIAL DEVELOPMENT  
200 ALDINGTON**

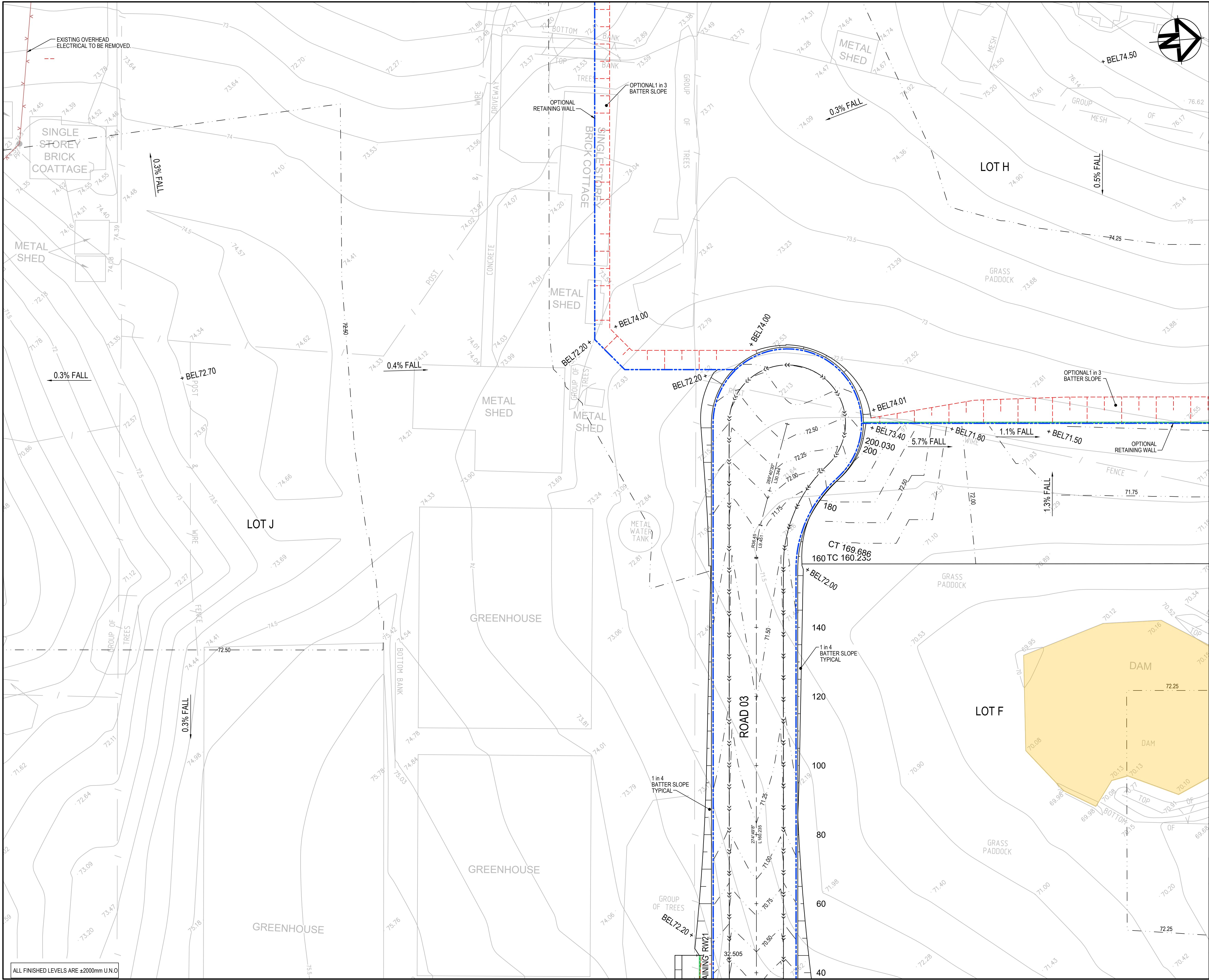
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**BULK EARTHWORKS AND  
STORMWATER DRAINAGE  
PLAN  
SHEET 5**

Drawing No.	Project No.	Issue
19-609-C1045	19-609	E

ALL FINISHED LEVELS ARE  $\pm 2000\text{mm}$  U.N.O





SHEET 1

SHEET 2

SHEET 3

SHEET 4

SHEET 5

SHEET 6

SHEET 7

SHEET 8

SHEET 9

SHEET 10

SHEET 11

SHEET 12

EXISTING BOUNDARY

EXISTING EASEMENT

EXISTING CONTOUR

PROPOSED BOUNDARY

PROPOSED EASEMENT

PROPOSED CONTOUR

PROPOSED BULK EARTHWORKS LEVEL

STORMWATER PIPE WITH SIZE

JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)

HEADWALL

PROPOSED STORMWATER PIT NUMBER

SWALE

PROPOSED RETAINING WALL - FILL

PROPOSED RETAINING WALL - CUT

PROPOSED SEWER

STAGE 2 WORKS

FUTURE WORKS

3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC

EXTENT OF EXCAVATION OF EXISTING DAMS.

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

Issue	Description	Date

010203040m

1 : 500 @ A1 1 : 1000 @ A3

Status		FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION				
Scales	1 : 500	Drawn	GB	
		Designed	GB	
Height Datum	AHD	Checked	AM	
Grid	GDA2020	Approved		

Client19-609-C1046.dwg

Stockland

FIFECAPITAL

Civil Engineers and Project Managers

at&

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www.atl.net.au  
info@atl.net.au

Project

PROPOSED INDUSTRIAL DEVELOPMENT  
200 ALDINGTON

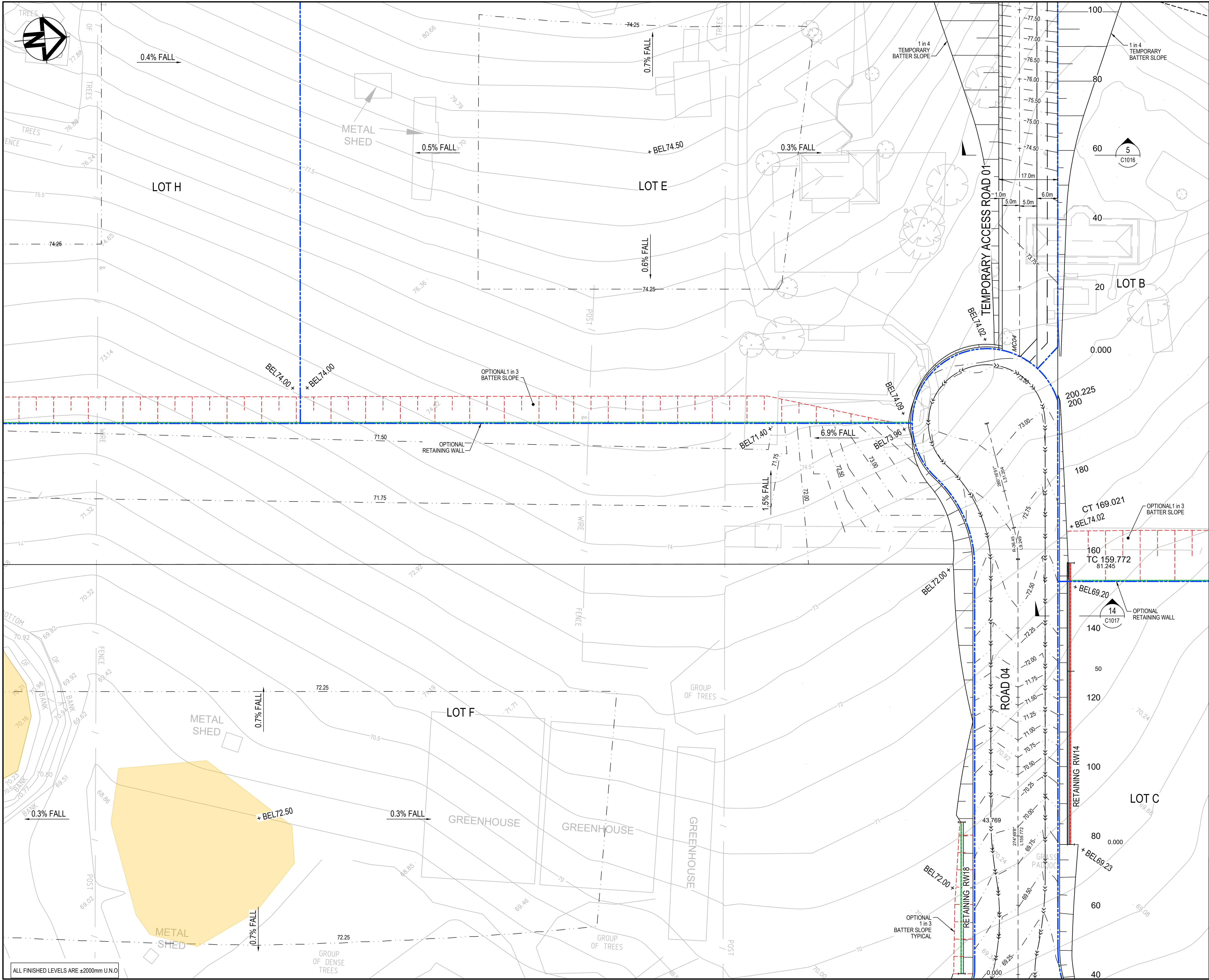
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BULK EARTHWORKS AND STORMWATER DRAINAGE  
PLAN  
SHEET 6

Drawing No.	Project No.	Issue
19-609-C1046	19-609	E

Date Plotted: 4 Aug 2022 - 09:44PM File Name: F:\19-609 FK\6.0 Drgs\Civil\Final\SSDA\1000\_Infrastructure Package\19-609-C1046.dwg V1





SHEET 1

SHEET 2

SHEET 3

SHEET 4

SHEET 5

SHEET 6

SHEET 7

SHEET 8

SHEET 9

SHEET 10

SHEET 11

SHEET 12

LEGEND

EXISTING BOUNDARY

EXISTING EASEMENT

EXISTING CONTOUR

PROPOSED BOUNDARY

PROPOSED EASEMENT

PROPOSED CONTOUR

PROPOSED BULK EARTHWORKS LEVEL

STORMWATER PIPE WITH SIZE

JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O.)

HEADWALL

PROPOSED STORMWATER PIT NUMBER

SWALE

PROPOSED RETAINING WALL - FILL

PROPOSED RETAINING WALL - CUT

PROPOSED SEWER

STAGE 2 WORKS

FUTURE WORKS

3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC

EXTENT OF EXCAVATION OF EXISTING DAMS.

E

ISSUED FOR SSD APPROVAL

03-08-22

D

ISSUED FOR SSD APPROVAL

13-04-22

C

ISSUED FOR SSD APPROVAL

09-03-22

B

ISSUED FOR SSD APPROVAL

08-09-21

A

ISSUED FOR SSD APPROVAL

30-09-20

P1

ISSUED FOR INFORMATION

11-09-20

Issue

Description

Date

0

10

20

30

40m

1 : 500 @ A1

1 : 1000 @ A3

Status

FOR APPROVAL

NOT TO BE USED FOR CONSTRUCTION

A1

Scales

1 : 500

Drawn GB

Designed GB

Height Datum

AHD

Checked AM

Grid

GDA2020

Approved

Client

19-609-C1047.dwg

Stockland

FIFECAPITAL

Civil Engineers and Project Managers

at&

Level 7, 153 Walker Street  
North Sydney NSW 2060  
ABN 96 130 882 405  
Tel: 02 9439 1777  
Fax: 02 9923 1055  
www.atl.net.au  
info@atl.net.au

Project

PROPOSED INDUSTRIAL DEVELOPMENT  
200 ALDINGTON

Title

BULK EARTHWORKS AND  
STORMWATER DRAINAGE  
PLAN  
SHEET 7

Drawing No.

19-609-C1047

Project No.

19-609

Issue

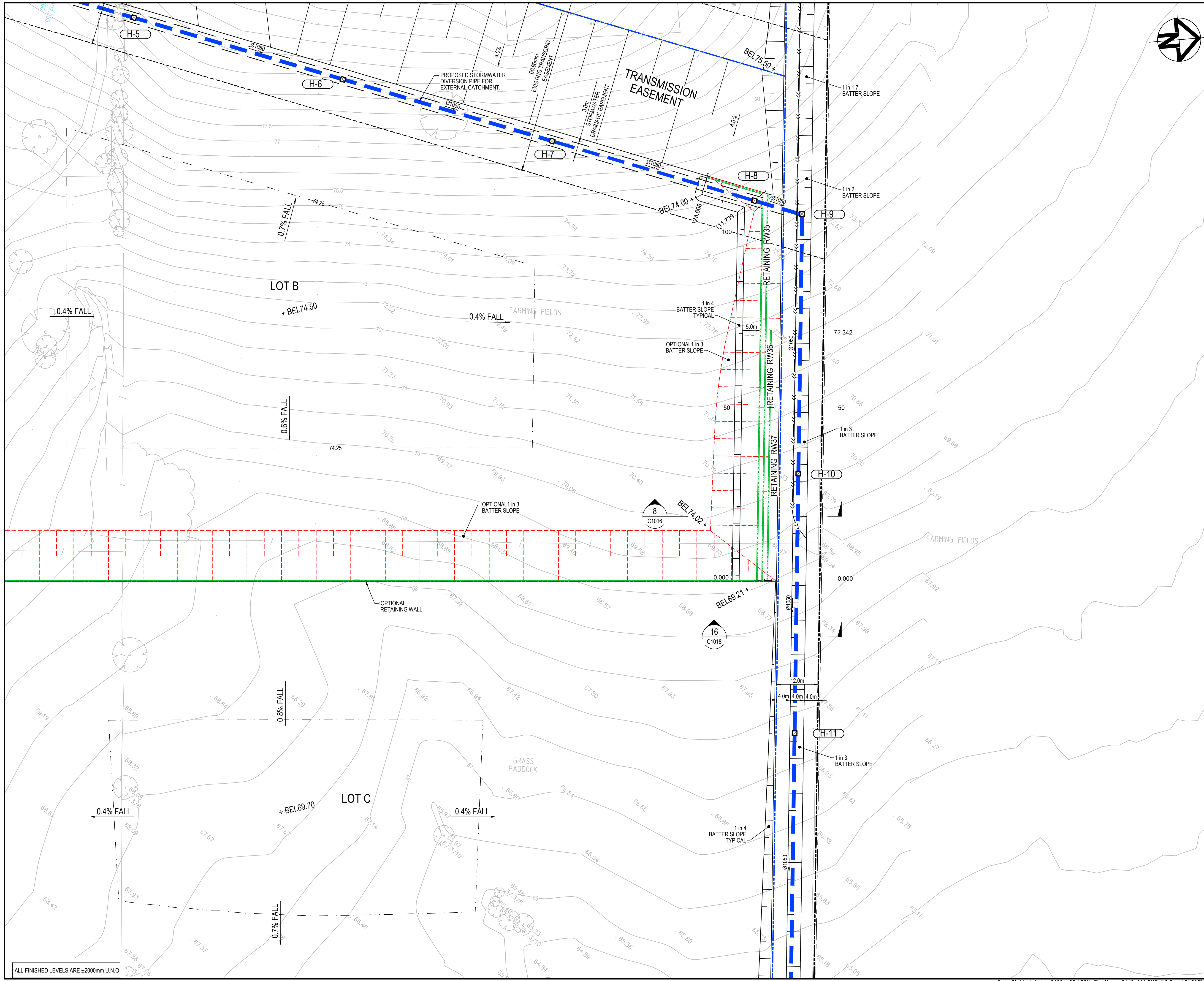
E

ALL FINISHED LEVELS ARE ±2000mm U.N.O.

100mm on Original

Date Plotted: 4 Aug 2022 - 09:45PM File Name: F:\19-609 FK\6.0 Drgs\Civil\Final\SSDA\1000\_Infrastructure Package\19-609-C1047.dwg V1





KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- STORMWATER PIPE WITH SIZE
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O.)
- HEADWALL
- PROPOSED STORMWATER PIT NUMBER
- SWALE
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- STAGE 2 WORKS
- FUTURE WORKS
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- EXTENT OF EXCAVATION OF EXISTING DAMS.

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

Issue	Description	Date
-------	-------------	------

0 10 20 30 40m

1 : 500 @ A1 1 : 1000 @ A3

Status		FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION				

Scales		1 : 500	Drawn	
			GB	
			Designed	
			GB	

Height Datum	AHD	Checked	
Grid	GDA2020	Approved	

Client

19-609-C1048.dwg

Civil Engineers and Project Managers

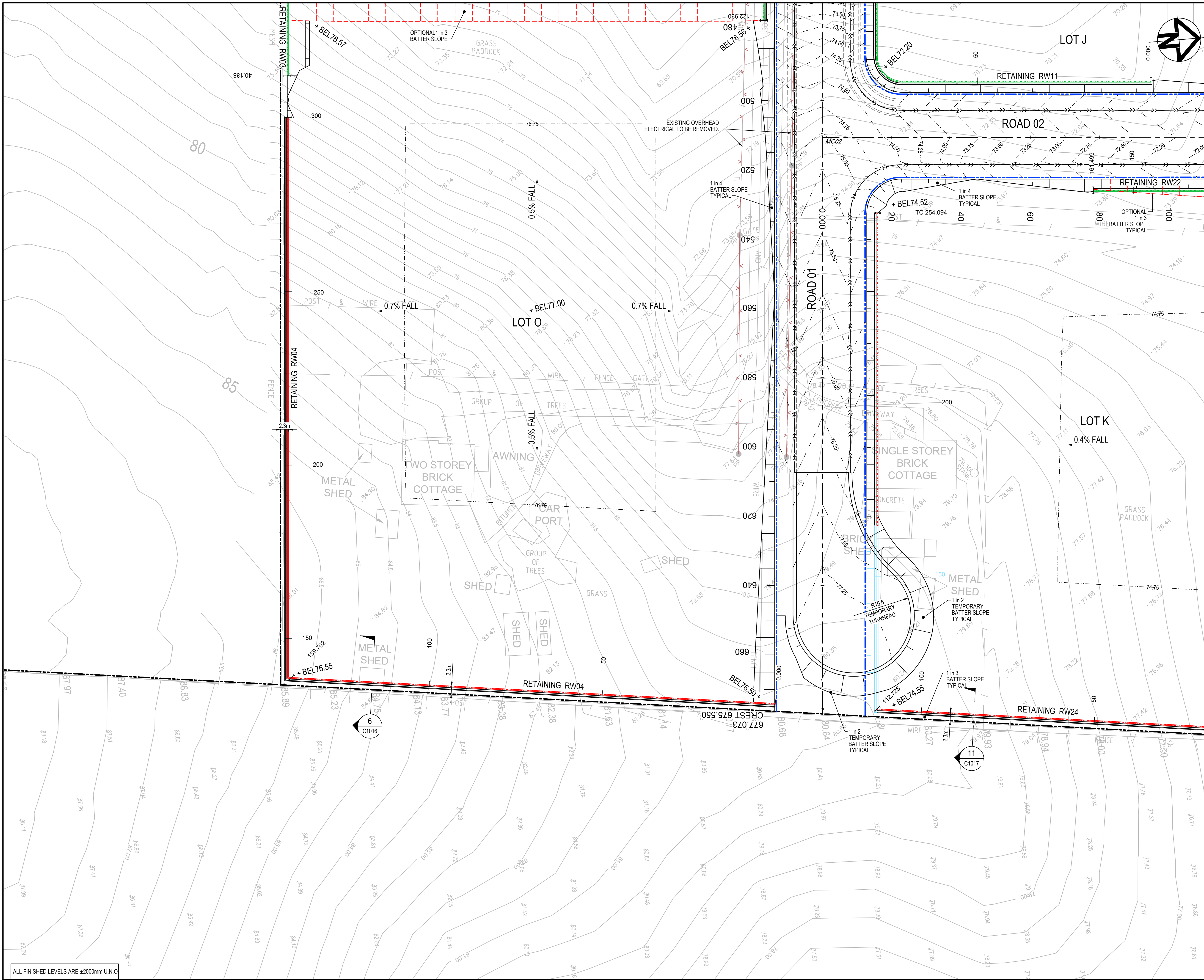
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Project		
PROPOSED INDUSTRIAL DEVELOPMENT 200 ALDINGTON		

Title		
BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 8		

Drawing No.	Project No.	Issue
19-609-C1048	19-609	E





KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- STORMWATER PIPE WITH SIZE
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- PROPOSED STORMWATER PIT NUMBER
- SWALE
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- STAGE 2 WORKS
- FUTURE WORKS
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- EXTENT OF EXCAVATION OF EXISTING DAMS.

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

Issue	Description	Date

0 10 20 30 40m

1 : 500 @ A1 1 : 1000 @ A3

Status	FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 500	Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	GDA2020	Approved	

Client 19-609-C1049.dwg

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Project

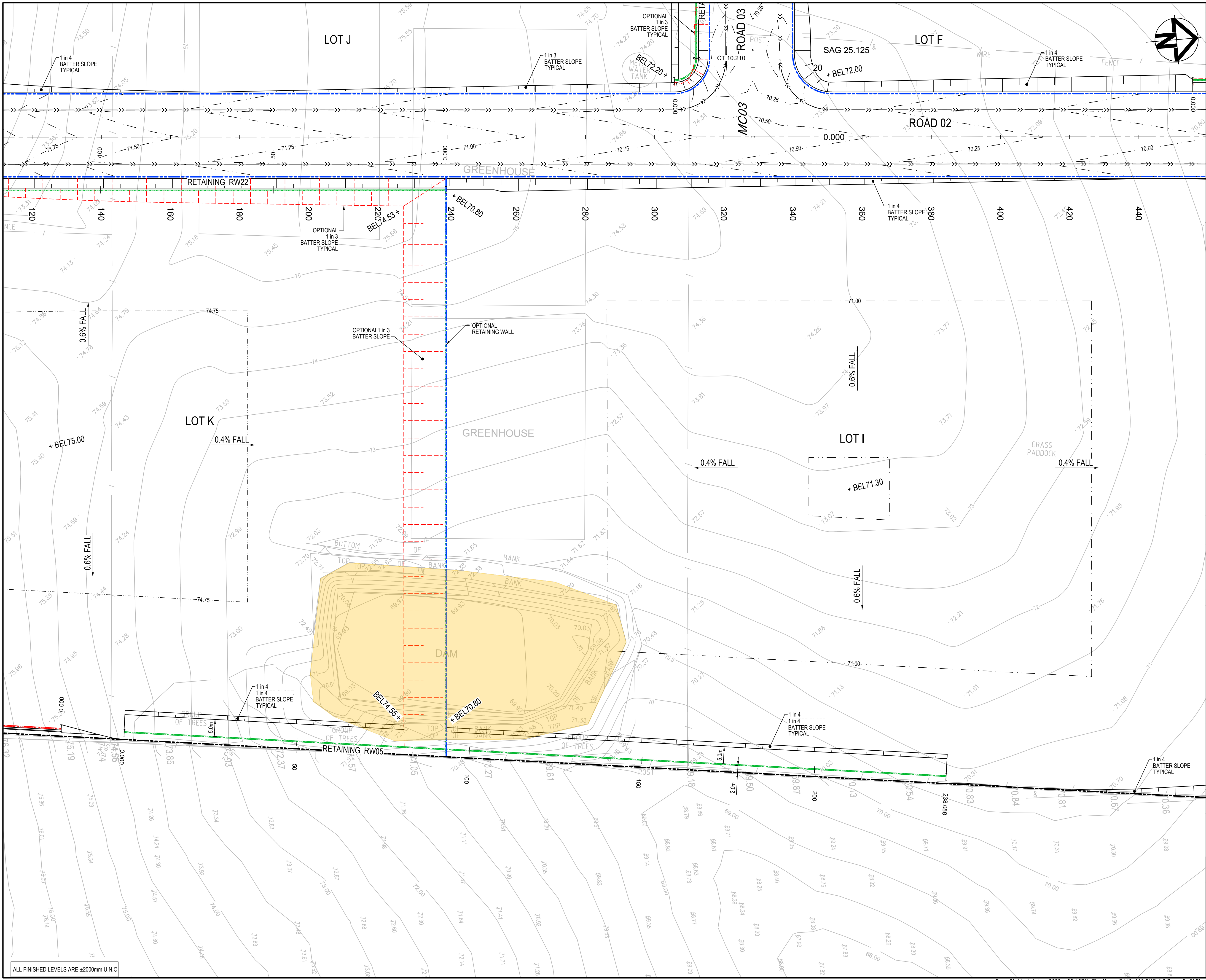
**PROPOSED INDUSTRIAL DEVELOPMENT  
200 ALDINGTON**

Title

**BULK EARTHWORKS AND  
STORMWATER DRAINAGE  
PLAN  
SHEET 9**

Drawing No.	Project No.	Issue
19-609-C1049	19-609	E





KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- STORMWATER PIPE WITH SIZE
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- PROPOSED STORMWATER PIT NUMBER
- SWALE
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- STAGE 2 WORKS
- FUTURE WORKS
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- EXTENT OF EXCAVATION OF EXISTING DAMS.

E	ISSUED FOR SSD APPROVAL	03-08-22
D	ISSUED FOR SSD APPROVAL	13-04-22
C	ISSUED FOR SSD APPROVAL	09-03-22
B	ISSUED FOR SSD APPROVAL	08-09-21
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

Issue	Description	Date

0 10 20 30 40m

1 : 500 @ A1 1 : 1000 @ A3

Status	FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA2020	Approved	

Client 19-609-C1050.dwg

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Project

PROPOSED INDUSTRIAL DEVELOPMENT  
200 ALDINGTON

Title

BULK EARTHWORKS AND  
STORMWATER DRAINAGE  
PLAN  
SHEET 10

Drawing No.	Project No.	Issue
19-609-C1050	19-609	E