

200 ALDINGTON

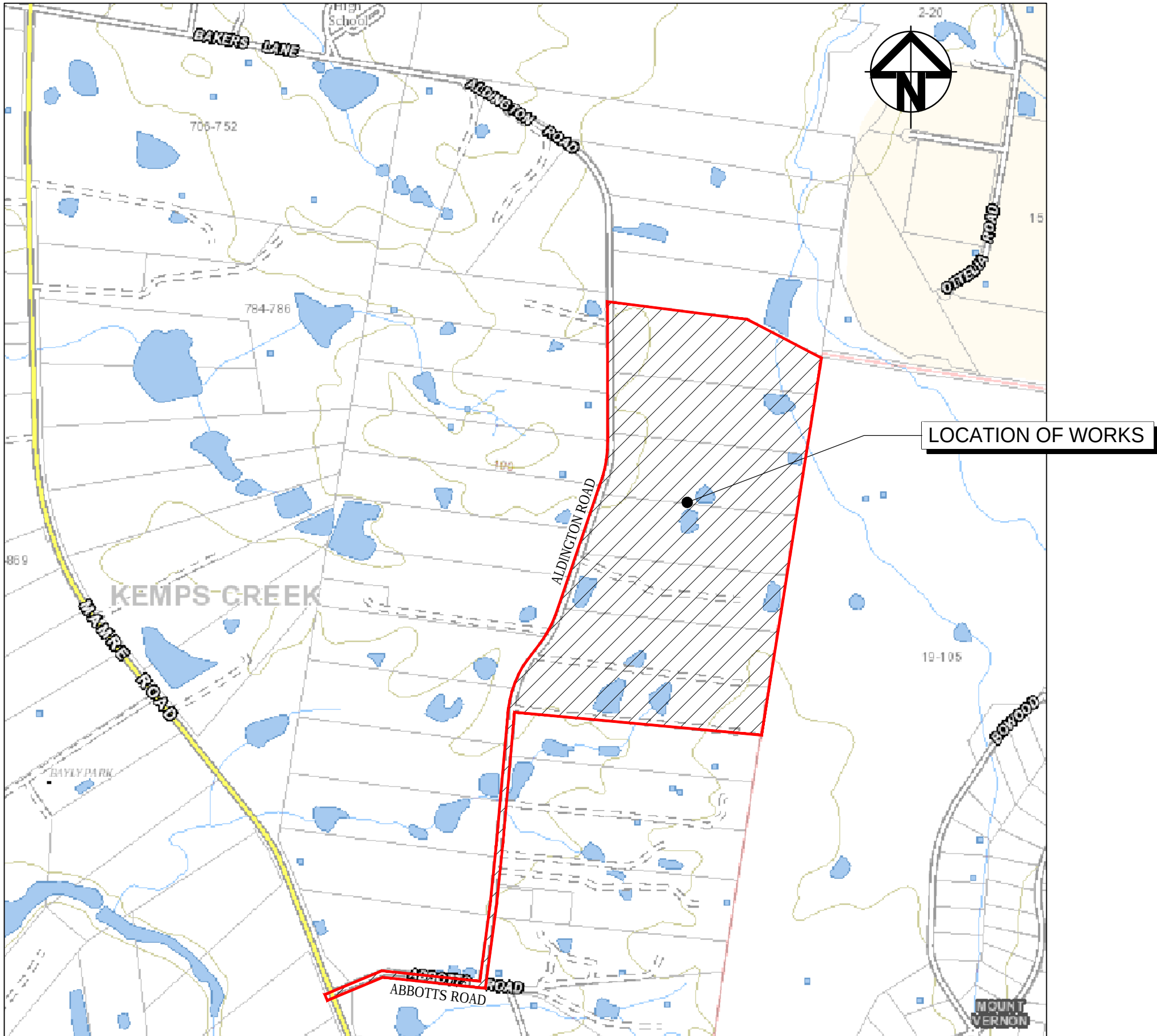
KEMPS CREEK

1000-SERIES INFRASTRUCTURE

CIVIL WORKS PACKAGE

STATE SIGNIFICANT DEVELOPMENT

APPLICATION



LOCALITY PLAN
NTS

NOTE:
THIS DRAWING PACKAGE TO BE READ IN CONJUNCTION WITH 2000 AND 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 16-609-C1005.
 5. INTERNAL AND EXTERNAL SYDNEY WATER SEWER AND POTABLE WATER WORKS.
 6. DEMOLITION AND DECOMMISSIONING OF EXISTING DWELLING, ASSOCIATED UTILITIES, FENCING AND DAMS.

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	
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Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title
COVER SHEET

Drawing No. 19-609-C1000	Project No. 19-609	Issue A
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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-C1015	TYPICAL SITE SECTIONS SHEET 1
19-609-C1016	TYPICAL SITE SECTIONS SHEET 2
19-609-C1017	TYPICAL SITE SECTIONS SHEET 3
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 CUT/FILL 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
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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
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19-609-C1098	RETAINING WALL PROFILES SHEET 8
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DRAWING LIST	
DRAWING No.	DRAWING TITLE
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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-C1111	EROSION AND SEDIMENT CONTROL PLAN SHEET 1
19-609-C1112	EROSION AND SEDIMENT CONTROL PLAN SHEET 2
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19-609-C1136	VEHICLE TURNPATH PLAN SHEET 6

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Project

PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON

Title

DRAWING LIST

Drawing No.	Project No.	Issue
19-609-C1001	19-609	A

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
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 AS 1289 5.2.1
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 SSM33562
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 Fc 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 1379.

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

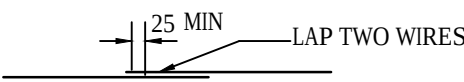
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NOMINAL BAR SIZE IN mm

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 23MPa 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.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 RECURRENCE INTERVAL:-
1:100 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 BACK 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.

EROSION AND SEDIMENT CONTROL

NOTES

GENERAL INSTRUCTIONS

1. THE SITE SUPERINTENDENT/ENGINEER WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED.
2. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
a. LOCAL AUTHORITY REQUIREMENTS
b. EPA REQUIREMENTS
c. NSW DEPARTMENT OF HOUSING MANUAL 'MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION', 4th EDITION, MARCH 2004.
3. MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
4. WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.
5. CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

6. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:

- (A) INSTALL A WIND FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.

- (B) INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.

- (C) CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.

- (D) INSTALL SEDIMENT BASIN AS SHOWN ON PLAN

- (E) INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.

- (F) UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

7. DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.

8. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 30 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

9. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.

10. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.

11. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.

12. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

OTHER MATTERS

13. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.

14. ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:

- (A) PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE
- (B) ENSURING THAT NOTHING IS NAILED TO THEM

- (C) PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.

- (I) ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS THE GREATER

- (II) A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH

- (III) CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

STAGING

SUITABLE EROSION AND SEDIMENT CONTROLS SHALL BE DESIGNED, PROVIDED AND MAINTAINED BY THE CONTRACTOR THROUGHOUT ALL STAGES OF WORKS, INCLUDING AT COMPLETION OF THE BULK EARTHWORKS WHERE SHOWN ON AT&L DRAWINGS OR WHERE DIRECTED BY THE SUPERINTENDENT OR PENRITH CITY COUNCIL'S ENGINEERS. SEDIMENT AND EROSION CONTROLS ARE TO BE DESIGNED AND DOCUMENTED BY A SUITABLY QUALIFIED EXPERT ENGAGED BY THE CONTRACTOR AND APPROVED AS PART OF THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH CONTROLS SHALL BE IN ACCORDANCE WITH THE RELEVANT REQUIREMENTS IN THE LATEST VERSION OF THE MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION GUIDELINE (LANDCOM).

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 <90mg/kg
- c) ORTHOPHOSPHATE (PO₄) 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 <1.2dS/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: D₁₅ (DRAINAGE LAYER) < 5 x D₈₅ (TRANSITION LAYER) WHERE: D₁₅ (DRAINAGE LAYER) IS THE 15TH PERCENTILE PARTICLE SIZE IN THE TRANSITION LAYER MATERIAL (I.E. 15% OF THE SAND IS SMALLER THAN D₁₅ mm), AND D₈₅ (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

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

Status	FOR APPROVAL	A1
NOT TO BE USED FOR CONSTRUCTION		

Scales	N.T.S.	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1002.dwg



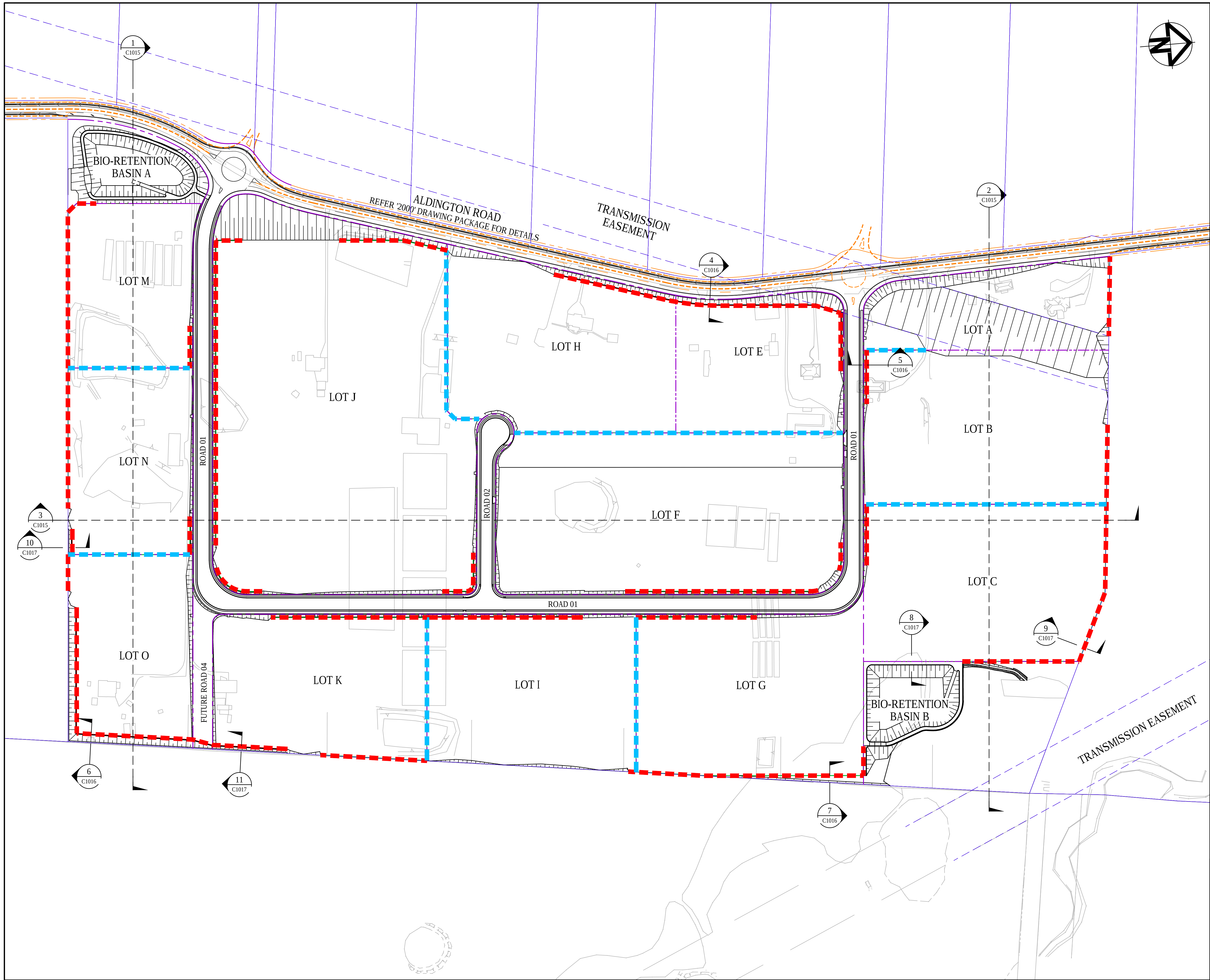
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DEVELOPMENT
200 ALDINGTON**

GENERAL NOTES

Drawing No.	Project No.	Issue
19-609-C1002	19-609	A



LEGEND

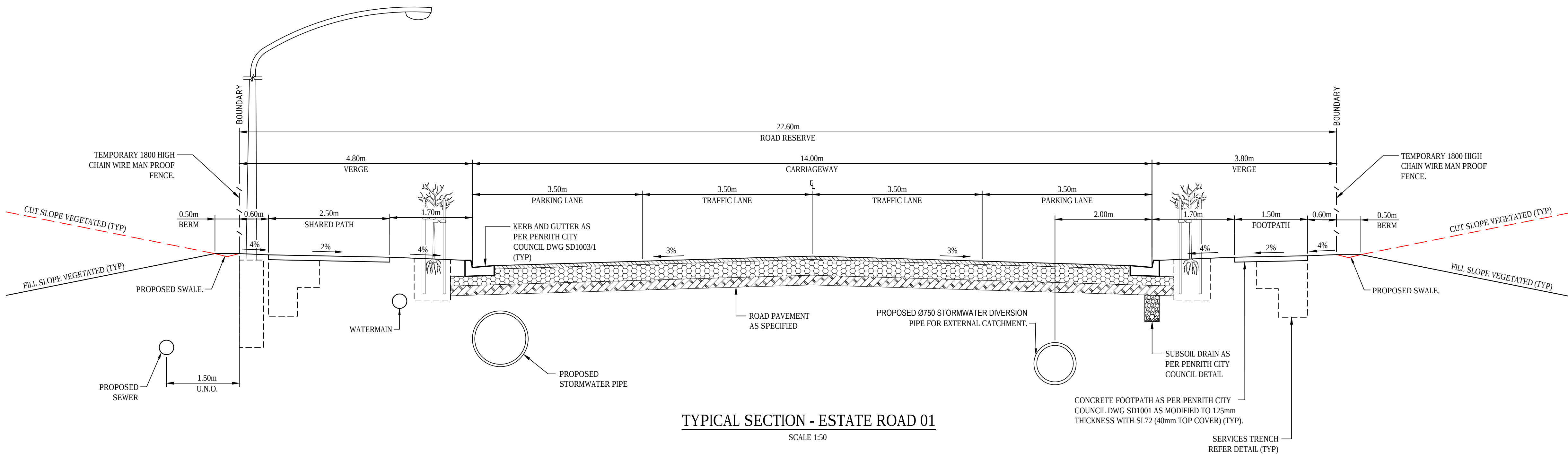
- EXISTING BOUNDARY
- EXISTING EASEMENT
- PROPOSED BOUNDARY
- RETAINING WALLS
- INTERLOTMENT RETAINING WALL
- FUTURE WORKS

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

0 50 100 150m

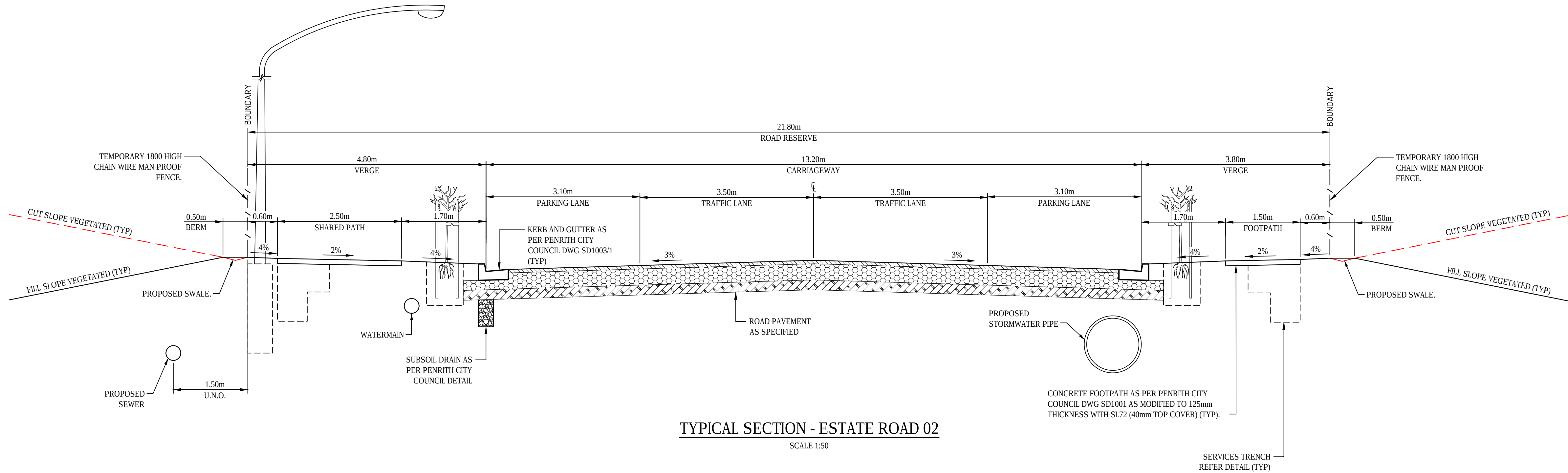
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Status	FOR APPROVAL		A1
	NOT TO BE USED FOR CONSTRUCTION		
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Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	
Client	19-609-C1005.dwg		
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Project	PROPOSED INDUSTRIAL DEVELOPMENT 200 ALDINGTON		
Title	GENERAL ARRANGEMENT PLAN		
Drawing No.	Project No.	Issue	
19-609-C1005	19-609	A	



TYPICAL SECTION - ESTATE ROAD 01

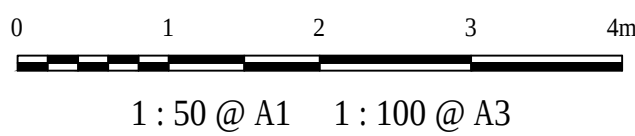
SCALE 1:50



TYPICAL SECTION - ESTATE ROAD 02

SCALE 1:50

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P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date



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Scales	AS SHOWN	Drawn		
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		Designed		
		GB		
Height Datum	AHD	Checked		
		AM		
Grid	GDA94 MGA56	Approved		

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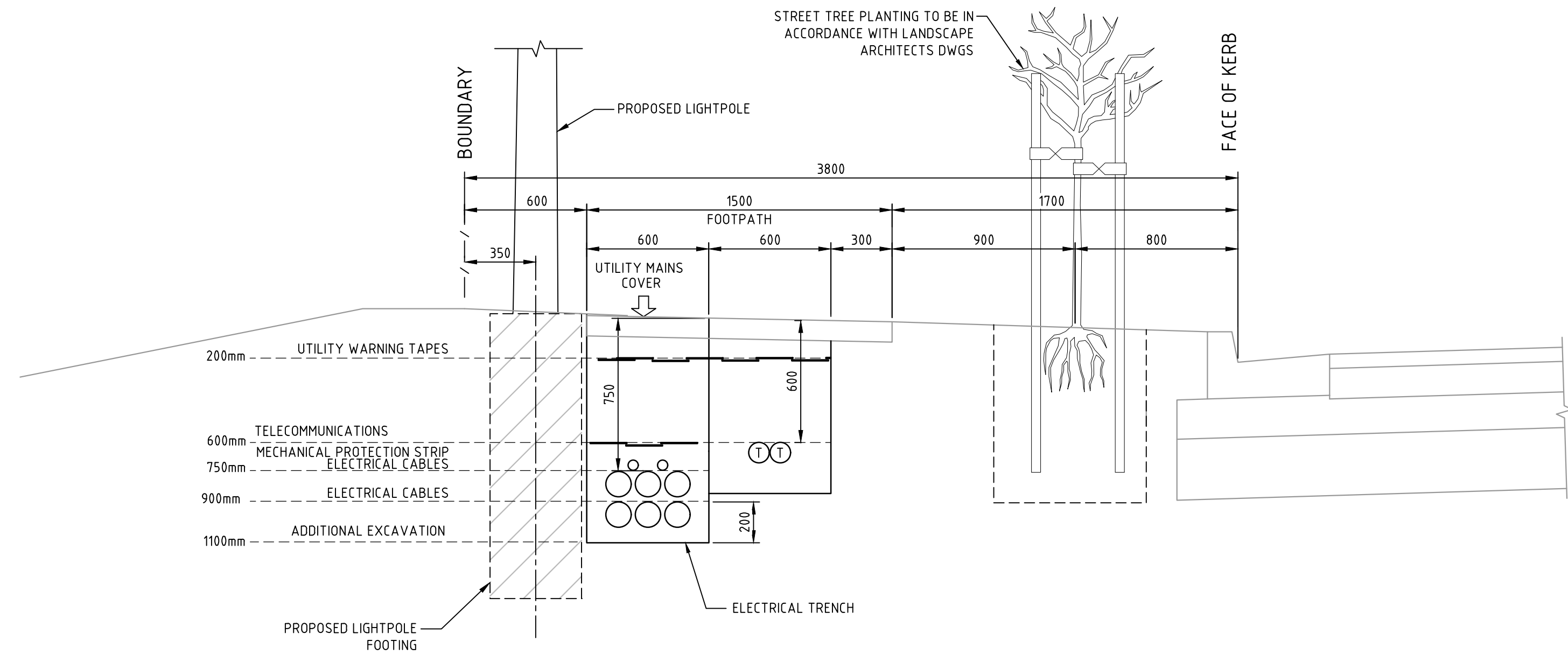
Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

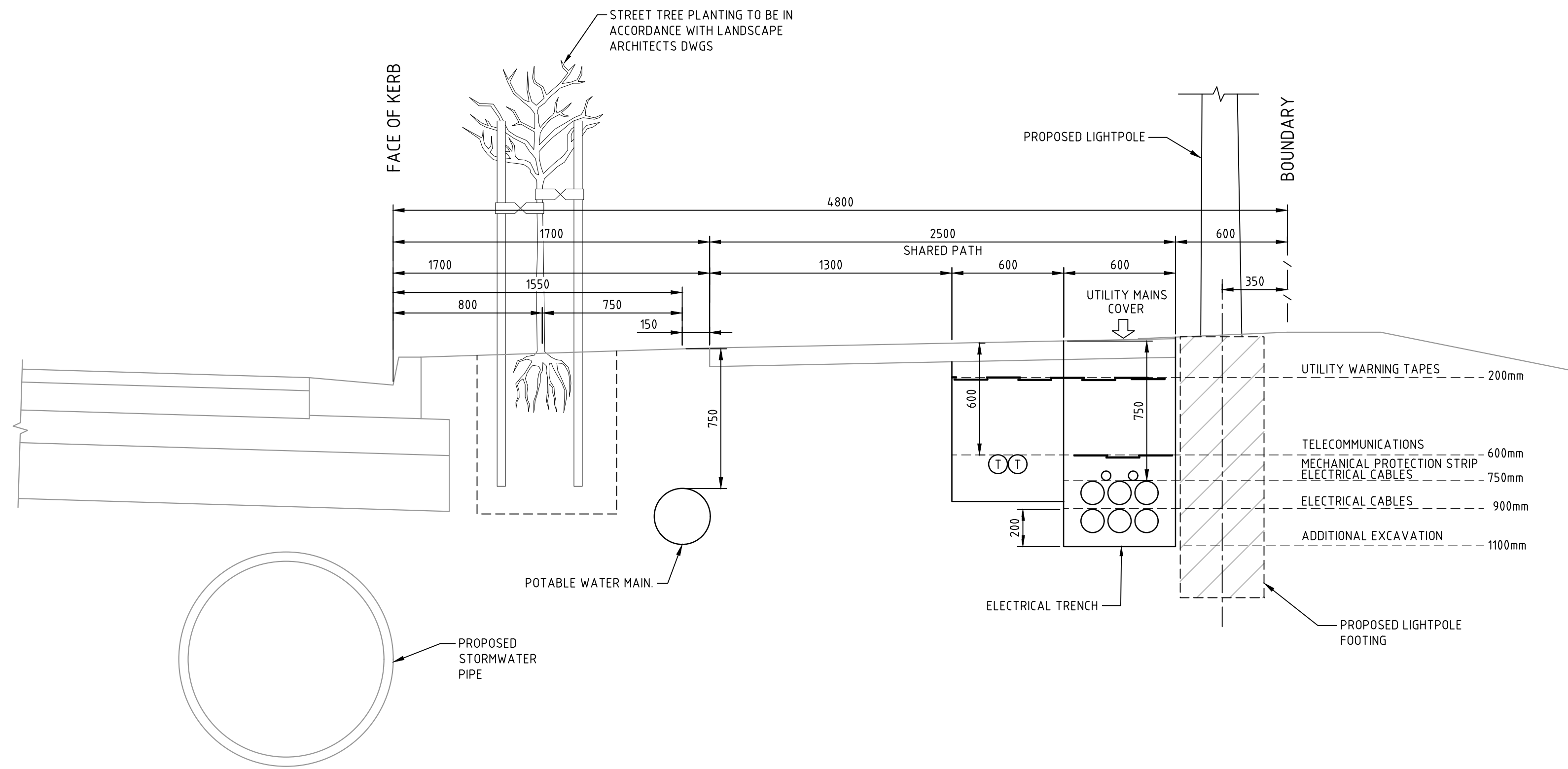
Title

TYPICAL ROAD SECTIONS
SHEET 1

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

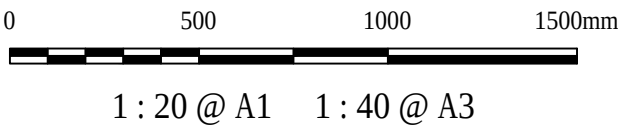


TYPICAL 3.8m VERGE TRENCH DETAIL
SCALE 1:20



TYPICAL 4.8m VERGE TRENCH DETAIL
SCALE 1:20

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	AS SHOWN	Drawn	GB	
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Height Datum	AHD	Checked	AM	
Grid	GDA94 MGA56	Approved		

Client 19-609-C1011.dwg

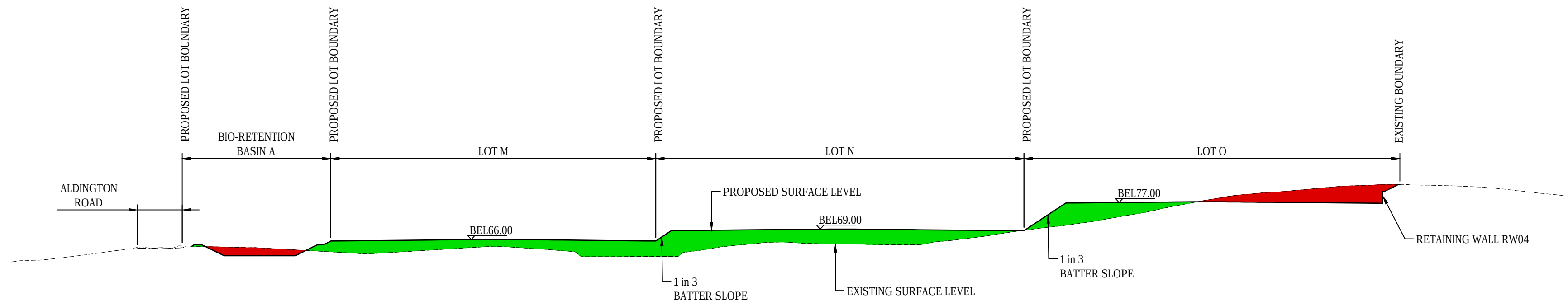


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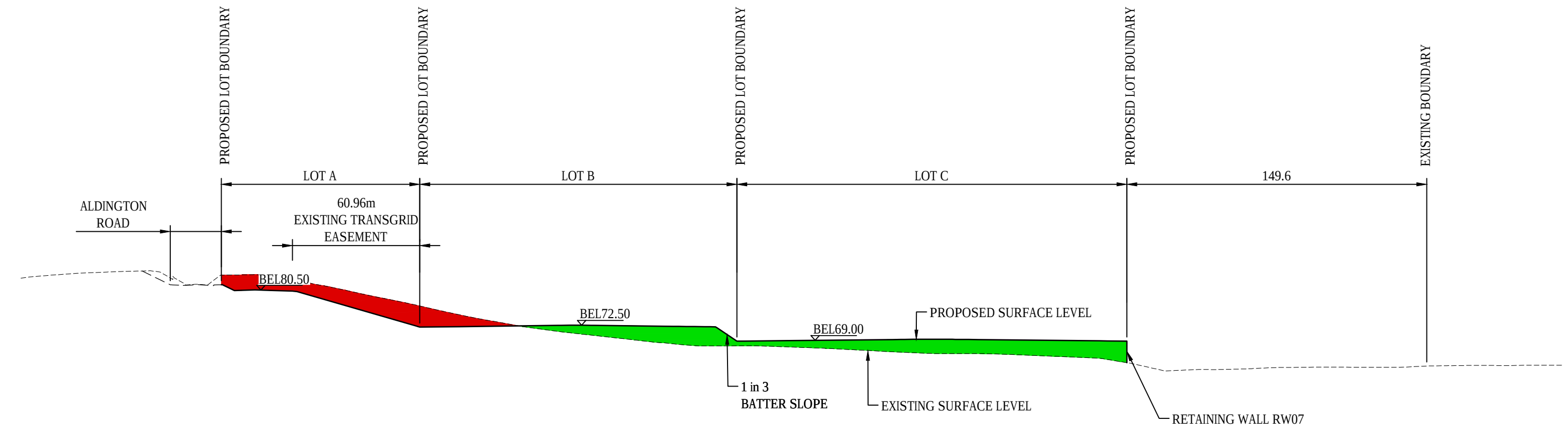
Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title
**TYPICAL ROAD SECTIONS
SHEET 2**

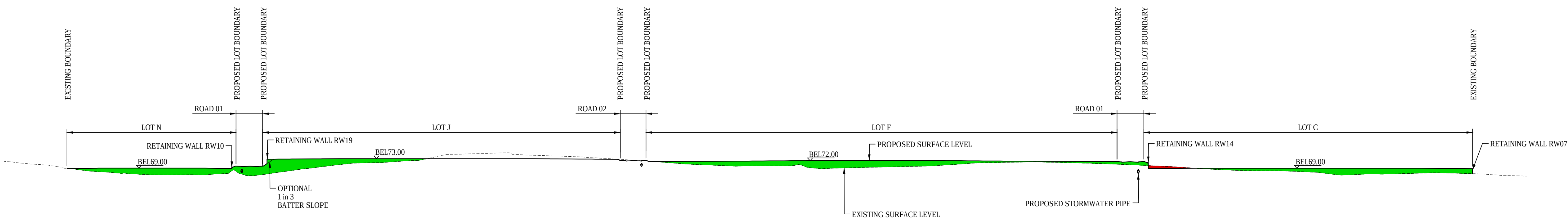
Drawing No. 19-609-C1011	Project No. 19-609	Issue A
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SECTION 1
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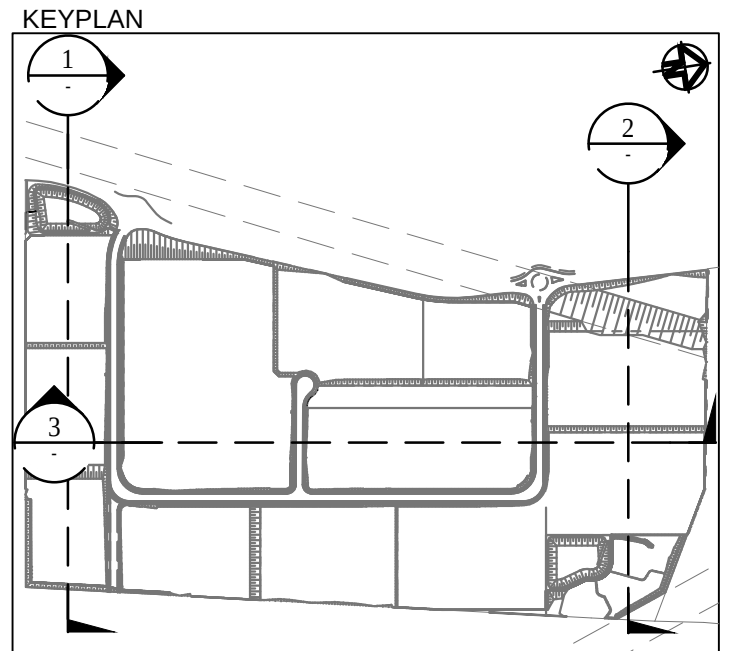


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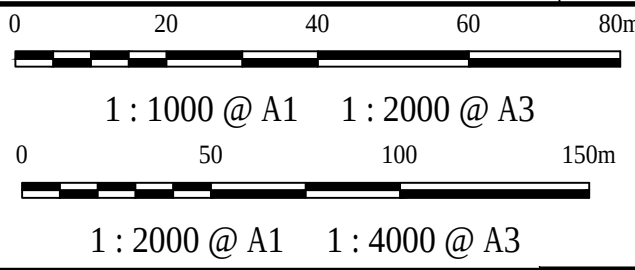


SECTION 3
1 : 2000 (H) 1 : 1000 (V) C1030

ALL FINISHED LEVELS ARE ±2000mm U.N.O



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	AS SHOWN	Drawn GB	
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Height Datum	AHD	Approved	
Grid	GDA94 MGA56		

Client 19-609-C1015.dwg

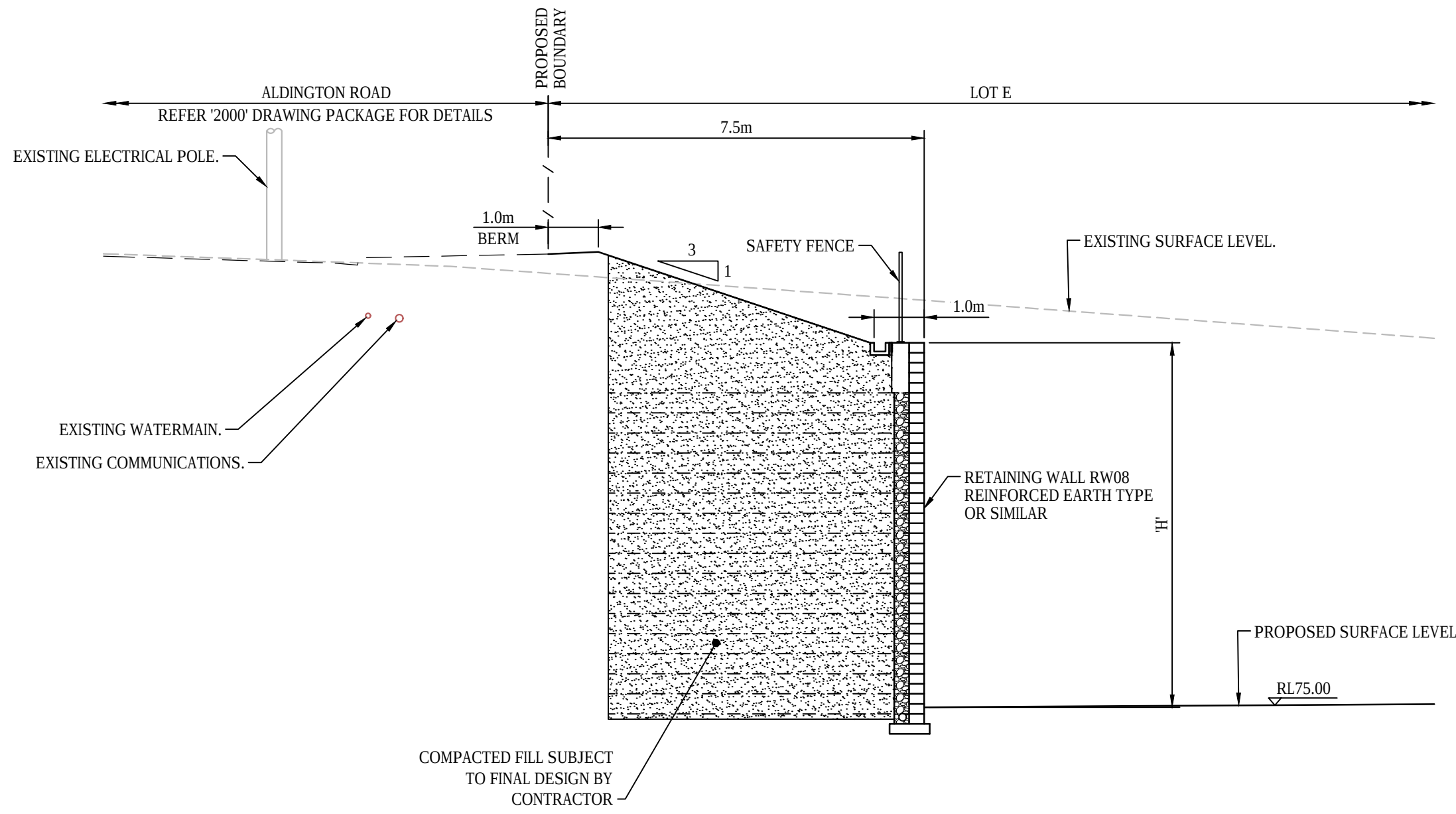


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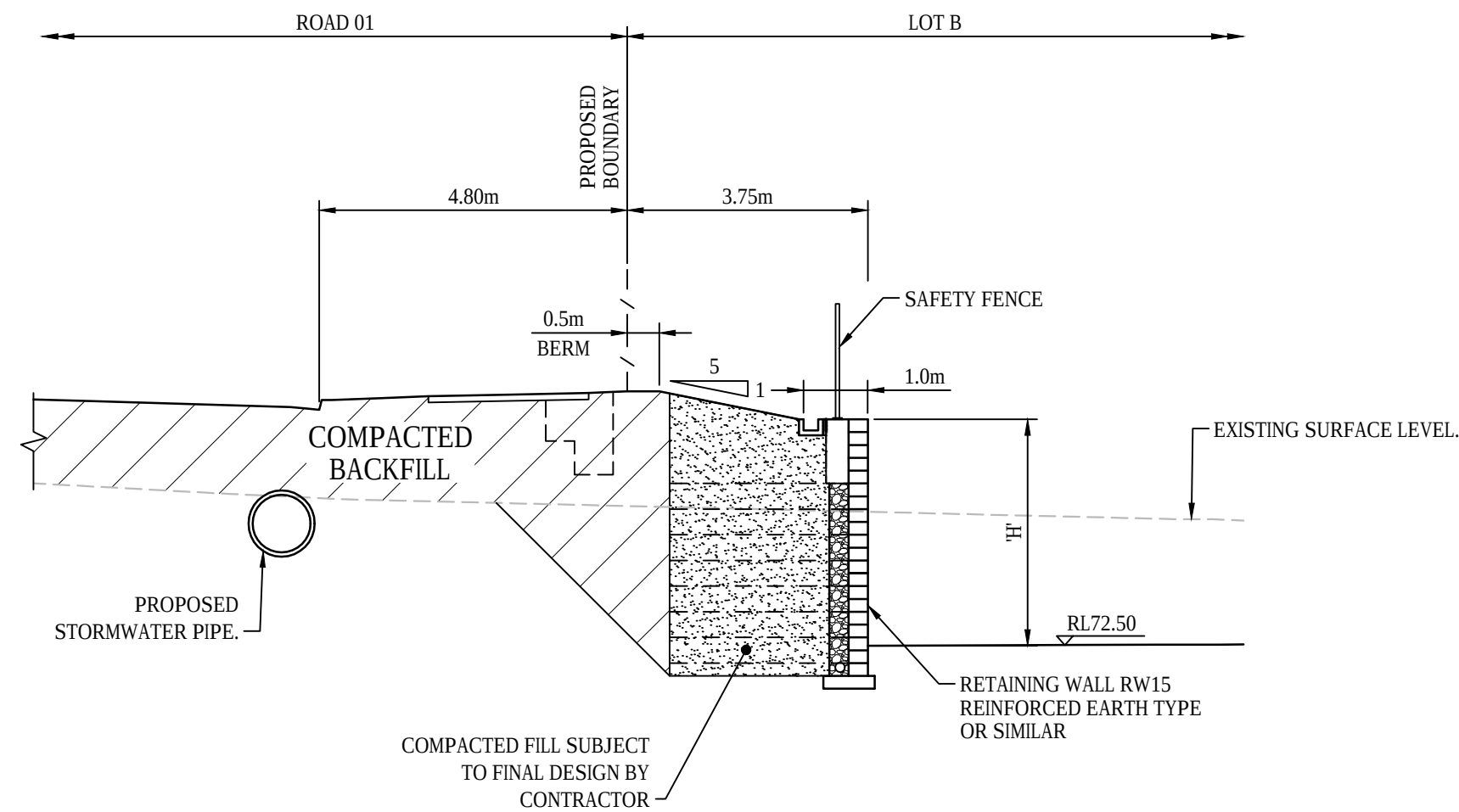
Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title
**TYPICAL SITE SECTIONS
SHEET 1**

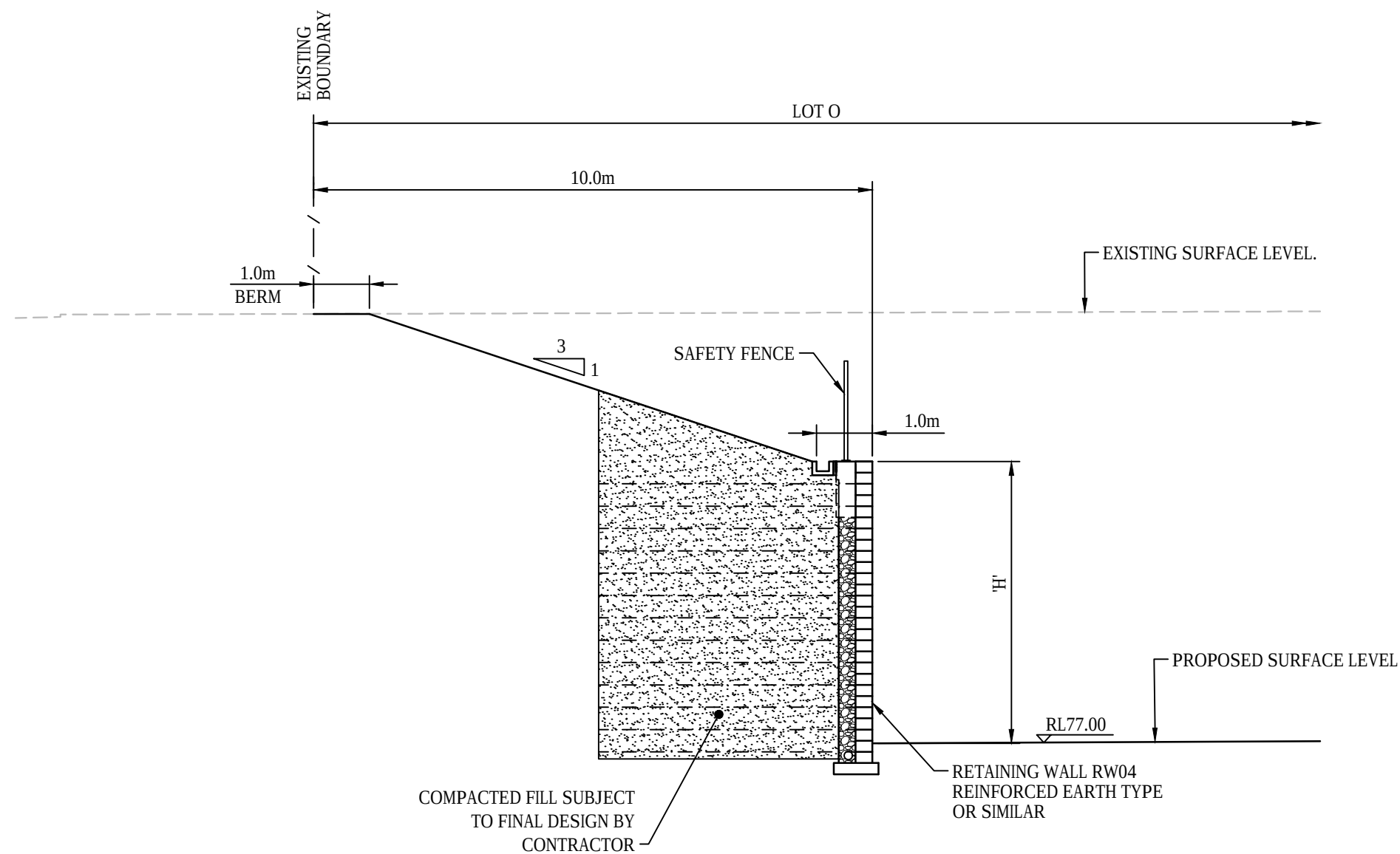
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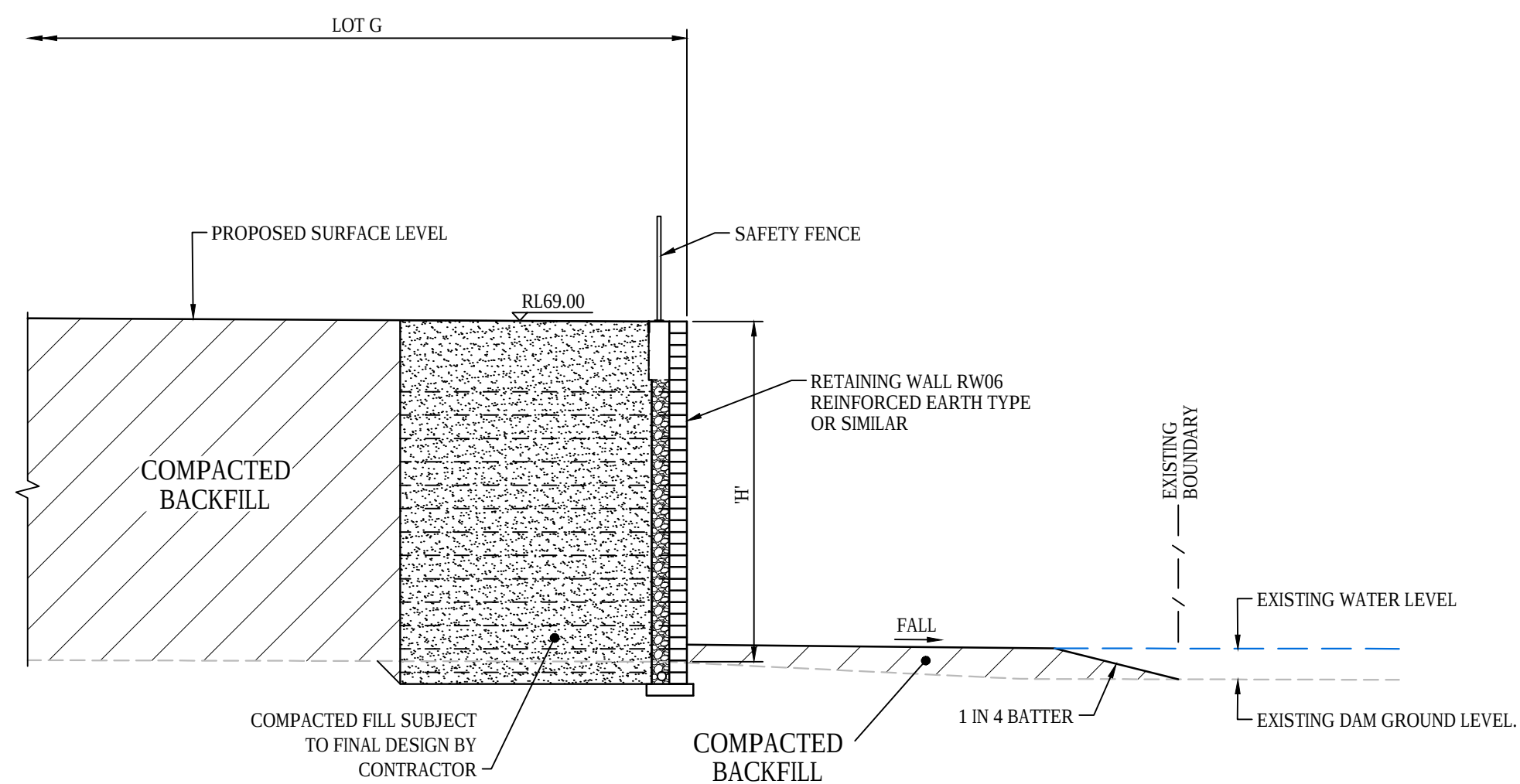
SECTION 4
1 : 100 C1005 & C1043



SECTION 5
1 : 100 C1005 & C1047

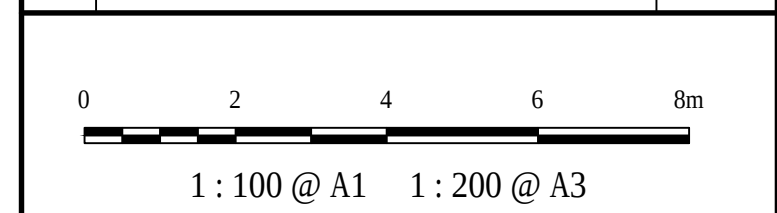


SECTION 6
1 : 100 C1005 & C1049



SECTION 7
1 : 100 C1005 & C1051

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	AS SHOWN	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1016.dwg



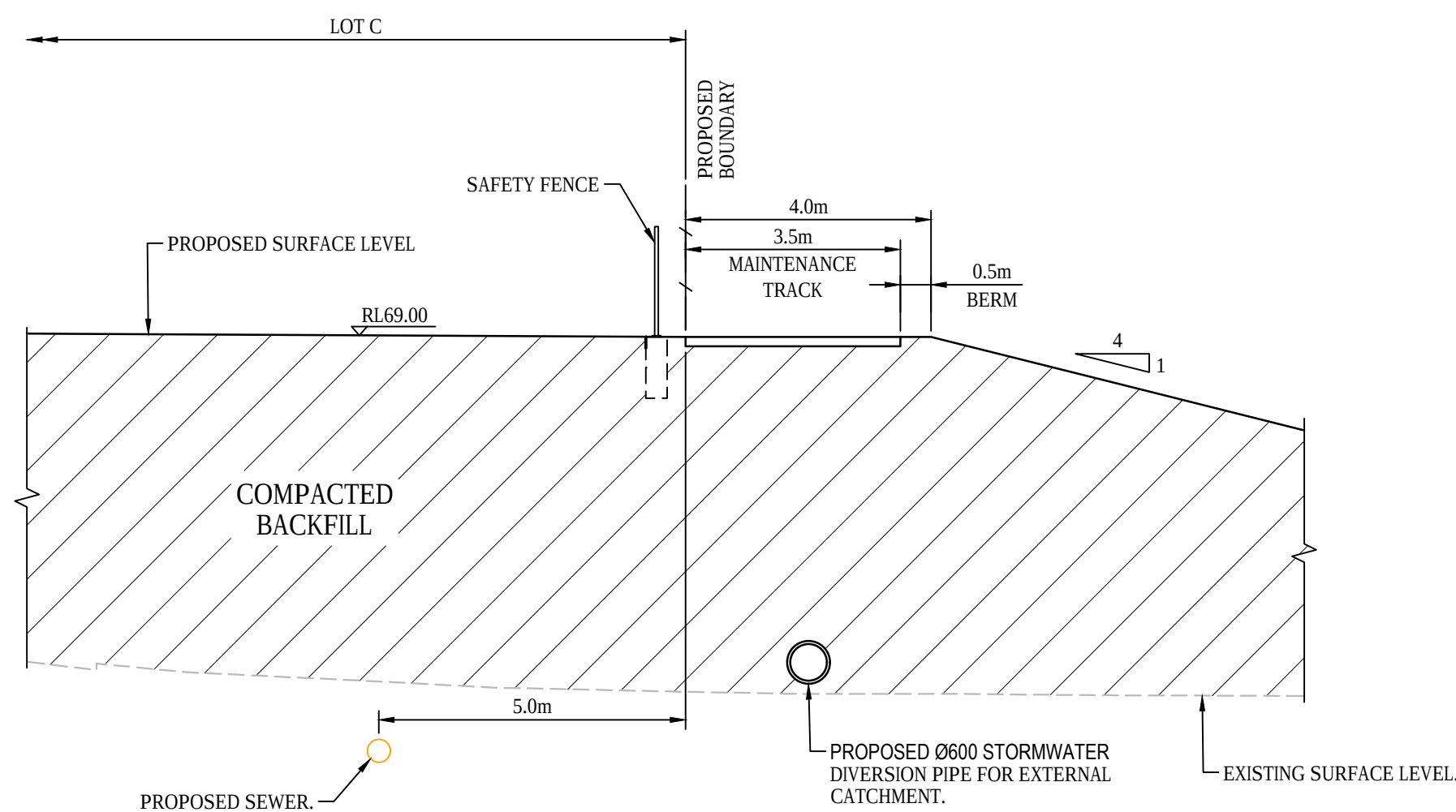
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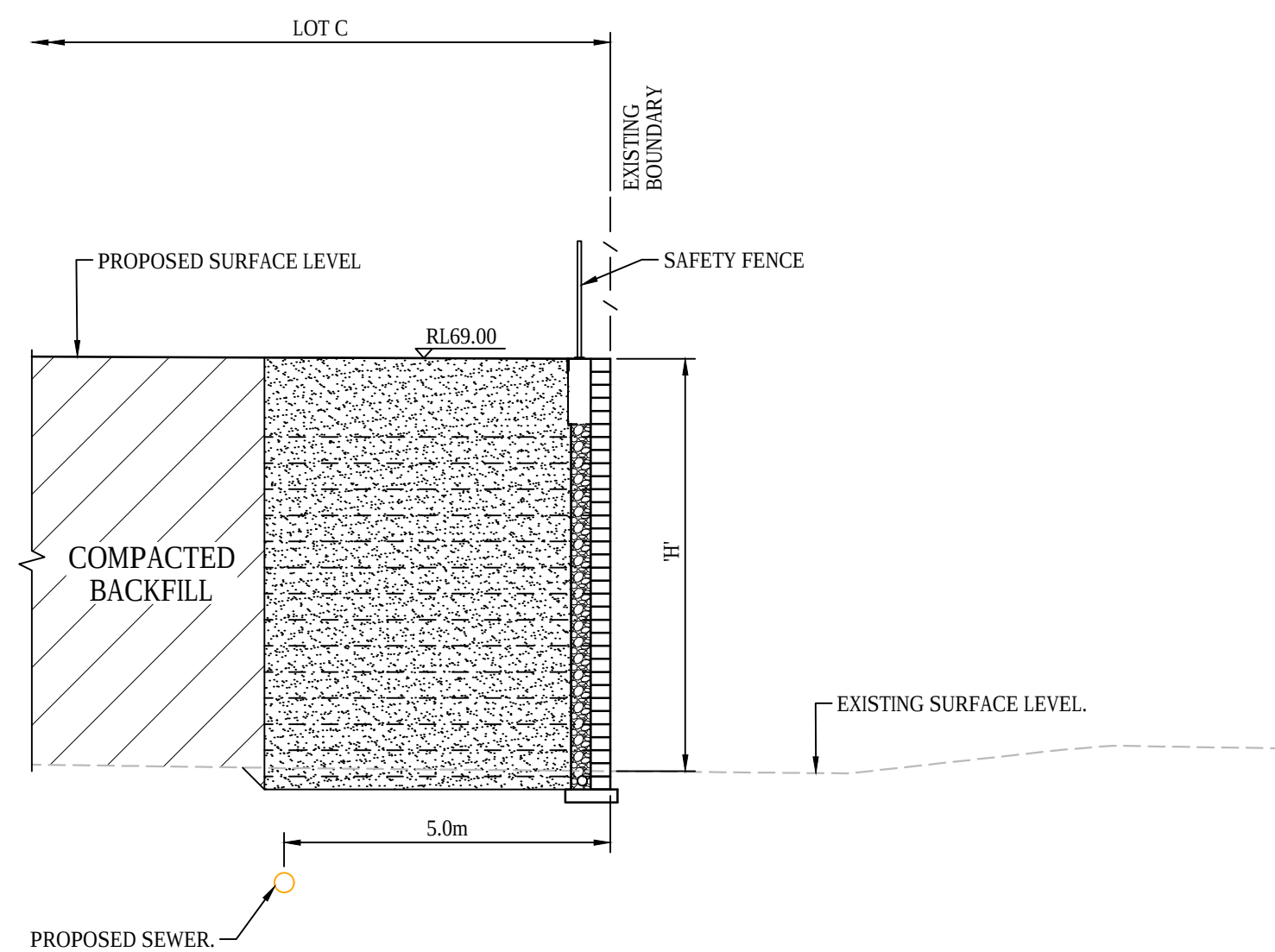
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**TYPICAL SITE
SECTIONS
SHEET 2**

Drawing No. 19-609-C1016	Project No. 19-609	Issue A
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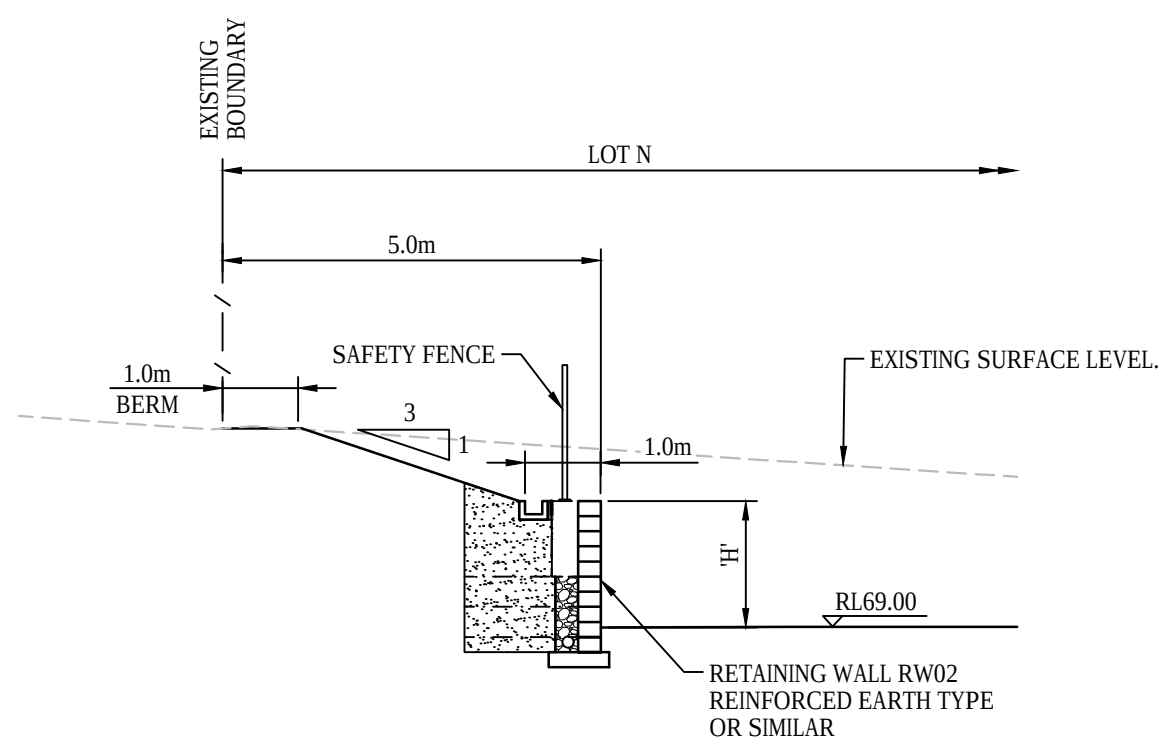
ALL FINISHED LEVELS ARE ±2000mm U.N.O



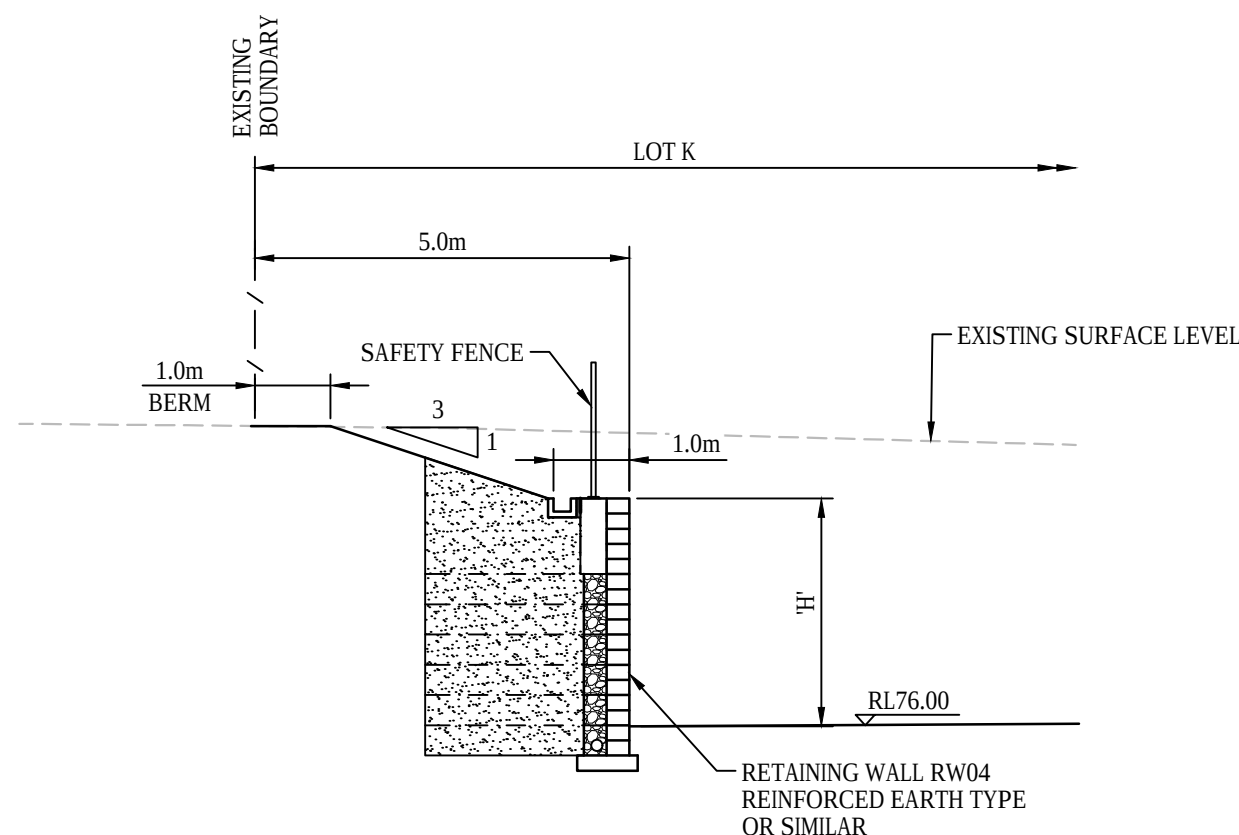
SECTION 8
1 : 100 C1005 & C1052



SECTION 9
1 : 100 C1005 & C1052

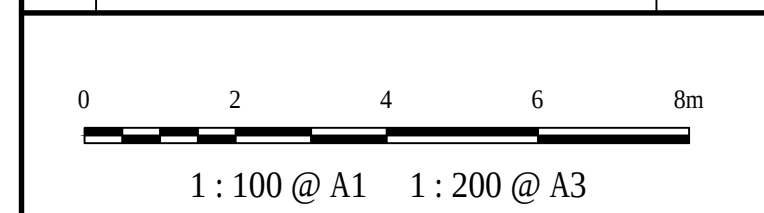


SECTION 10
1 : 100 C1005 & C1045



SECTION 11
1 : 100 C1005 & C1049

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	AS SHOWN	Drawn GB	
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Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1017.dwg



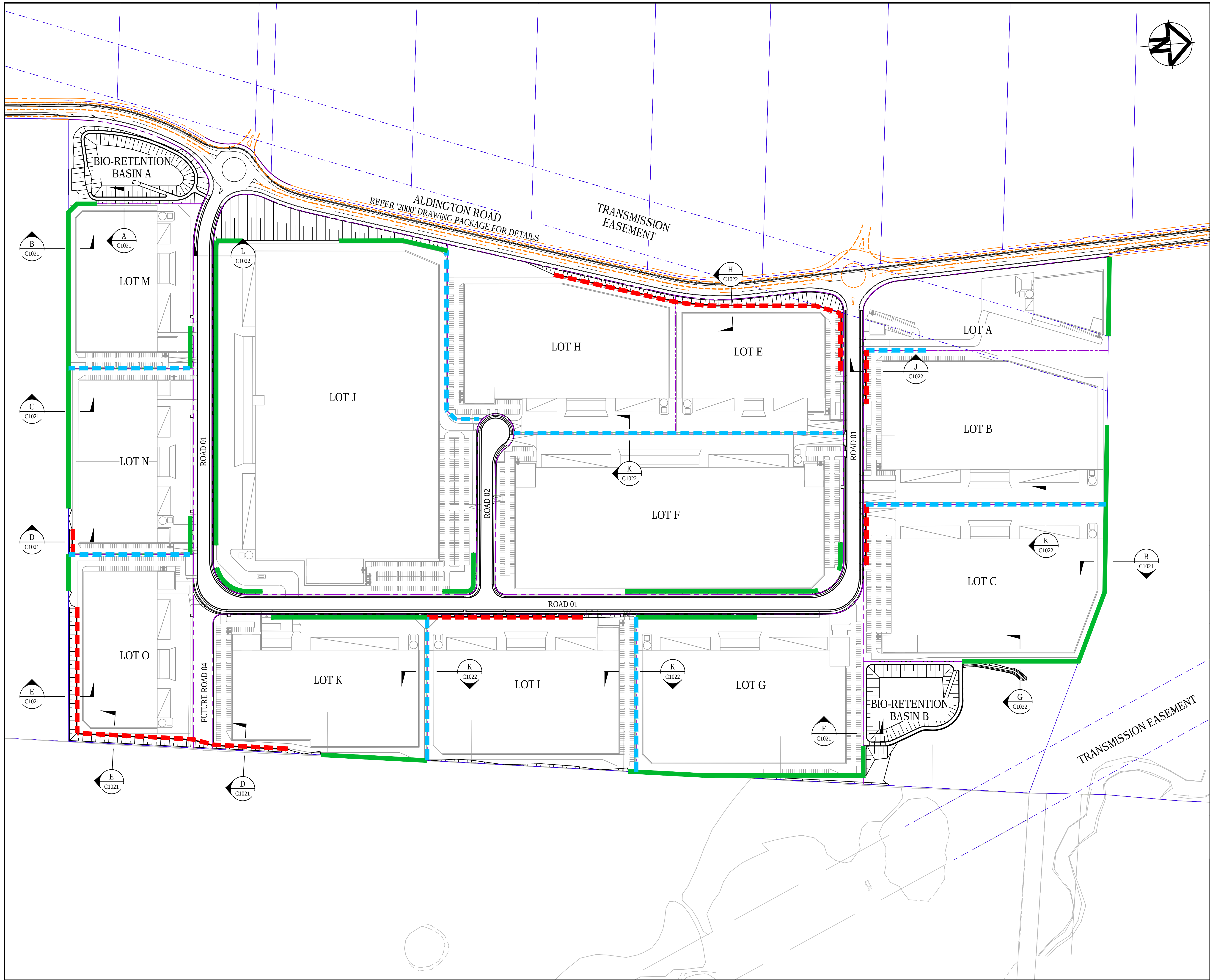
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Project
**PROPOSED INDUSTRIAL
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200 ALDINGTON**

Title
**TYPICAL SITE
SECTIONS
SHEET 3**

Drawing No. 19-609-C1017	Project No. 19-609	Issue A
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ALL FINISHED LEVELS ARE ±2000mm U.N.O



LEGEND

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

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		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 2000	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1020.dwg

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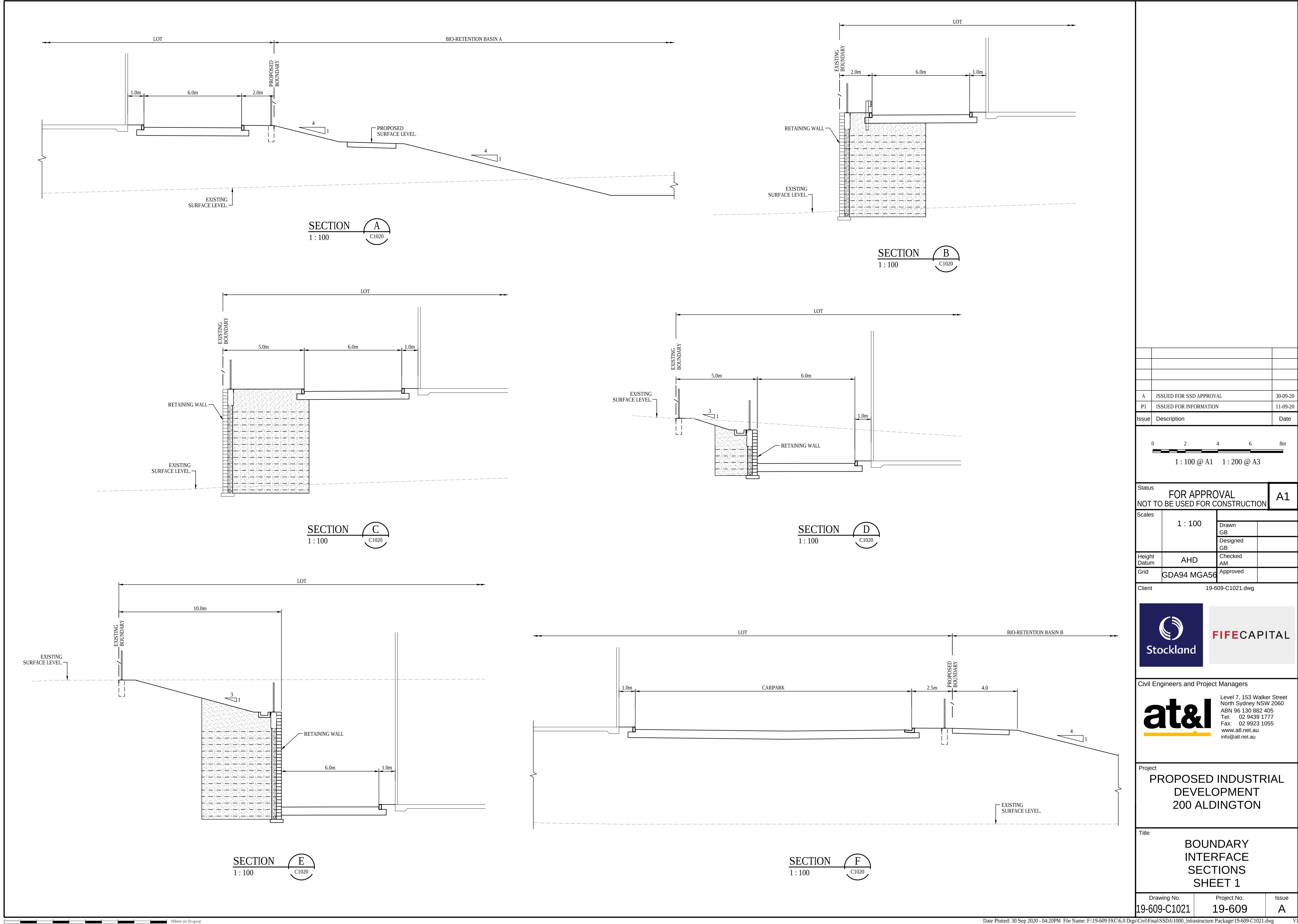
Project

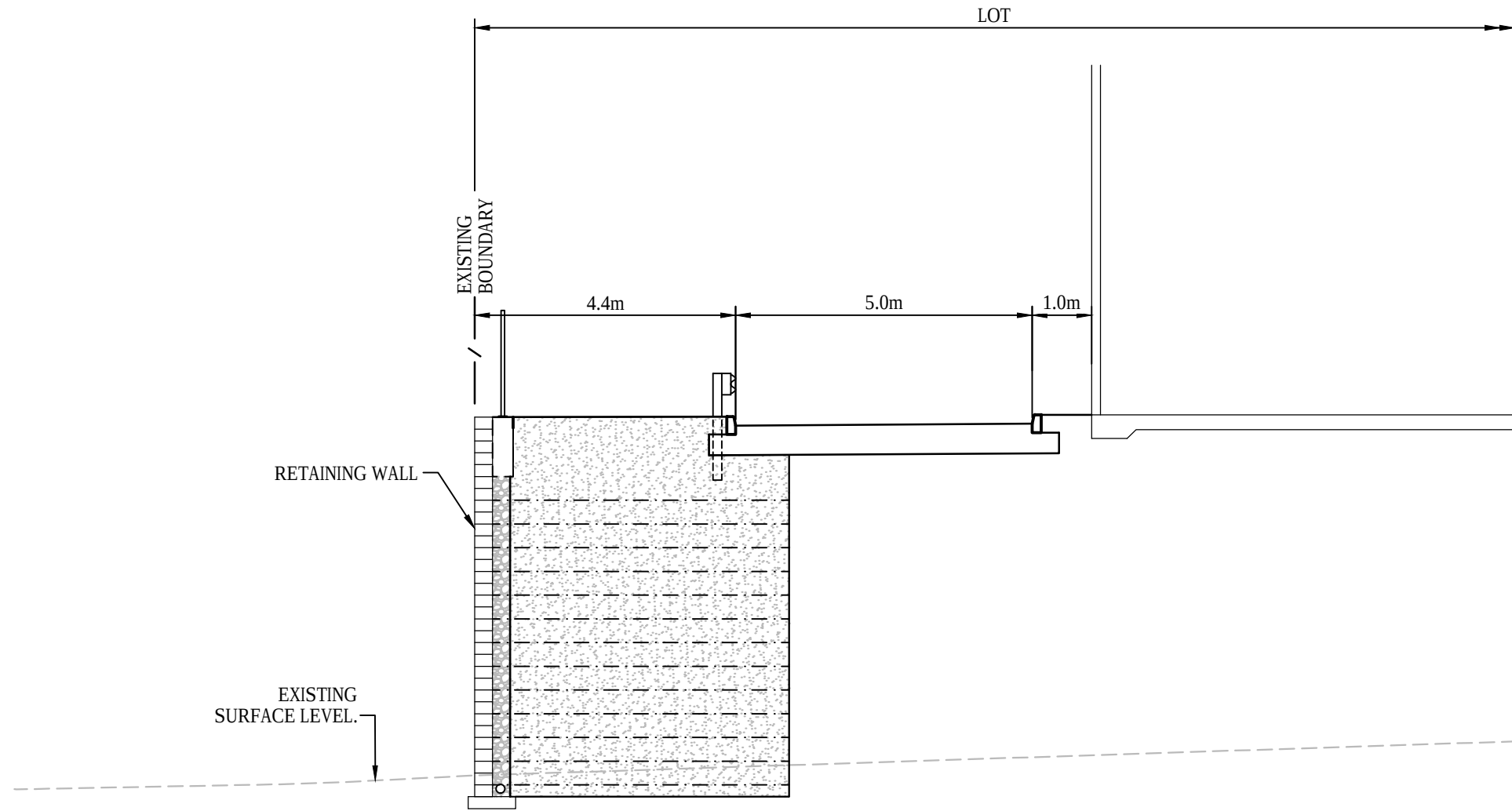
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title

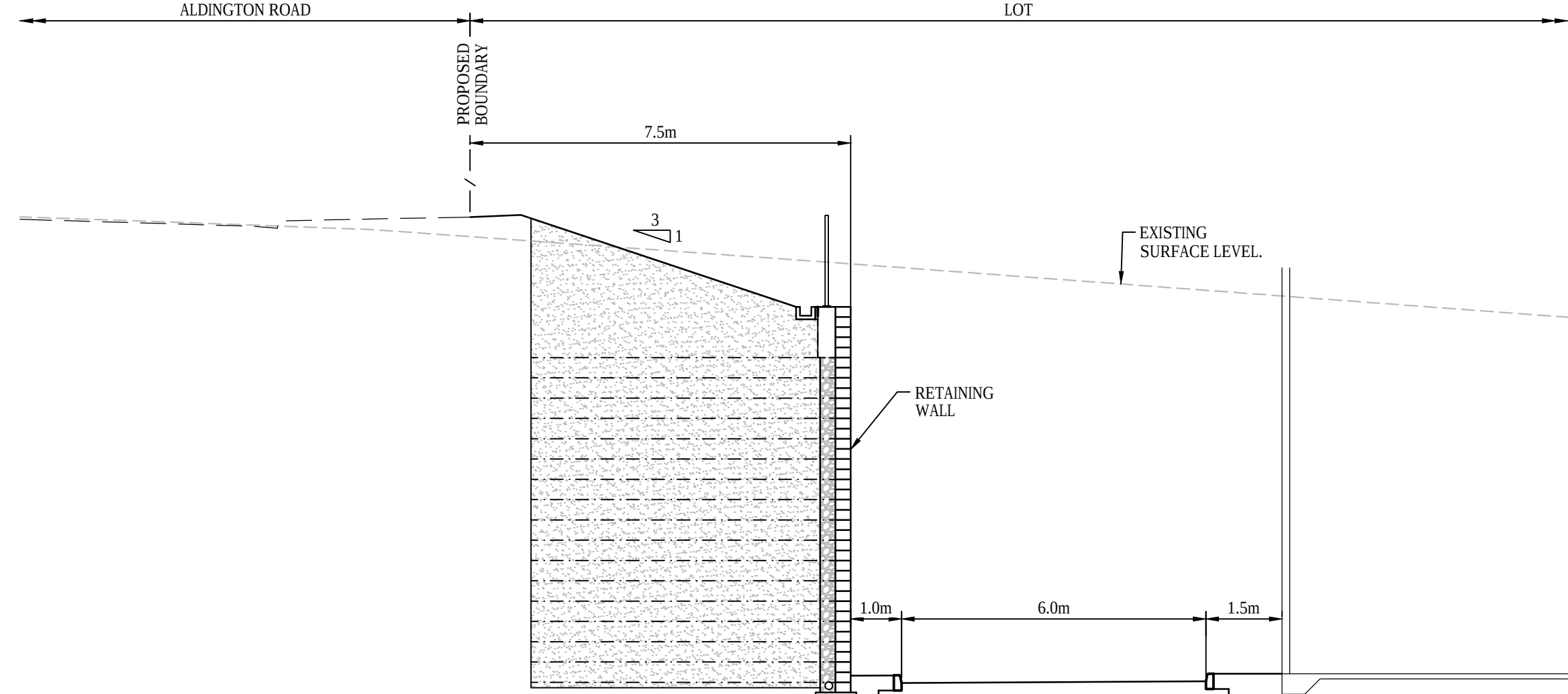
**BOUNDARY
INTERFACE
PLAN**

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

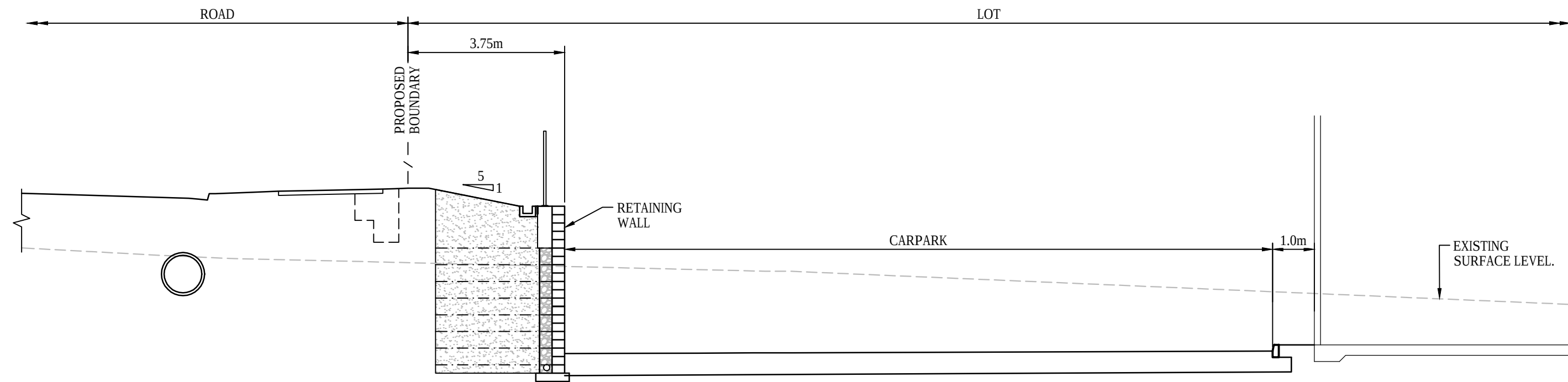




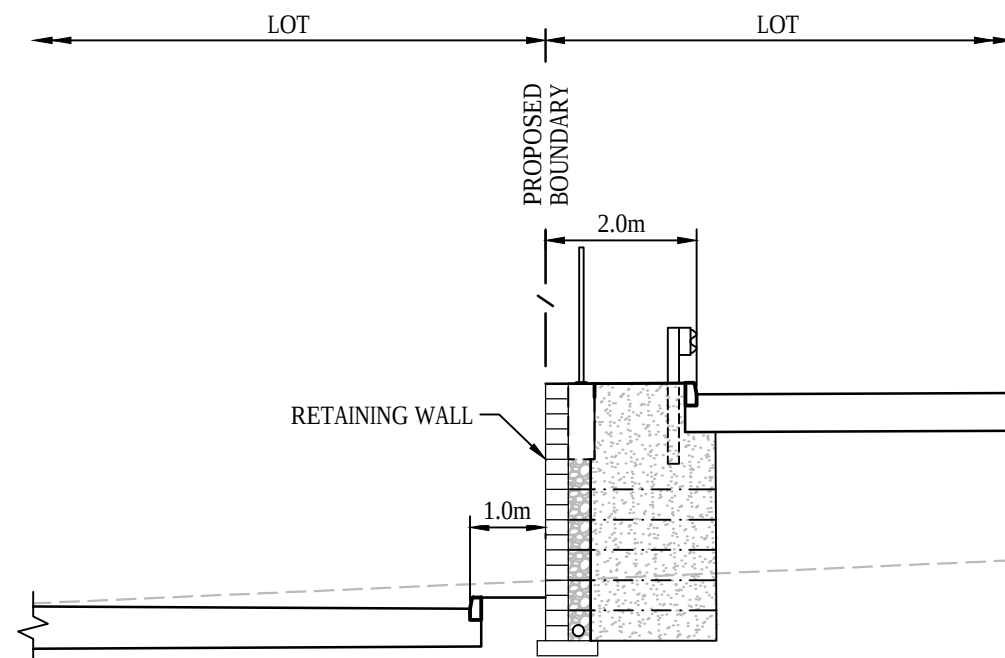
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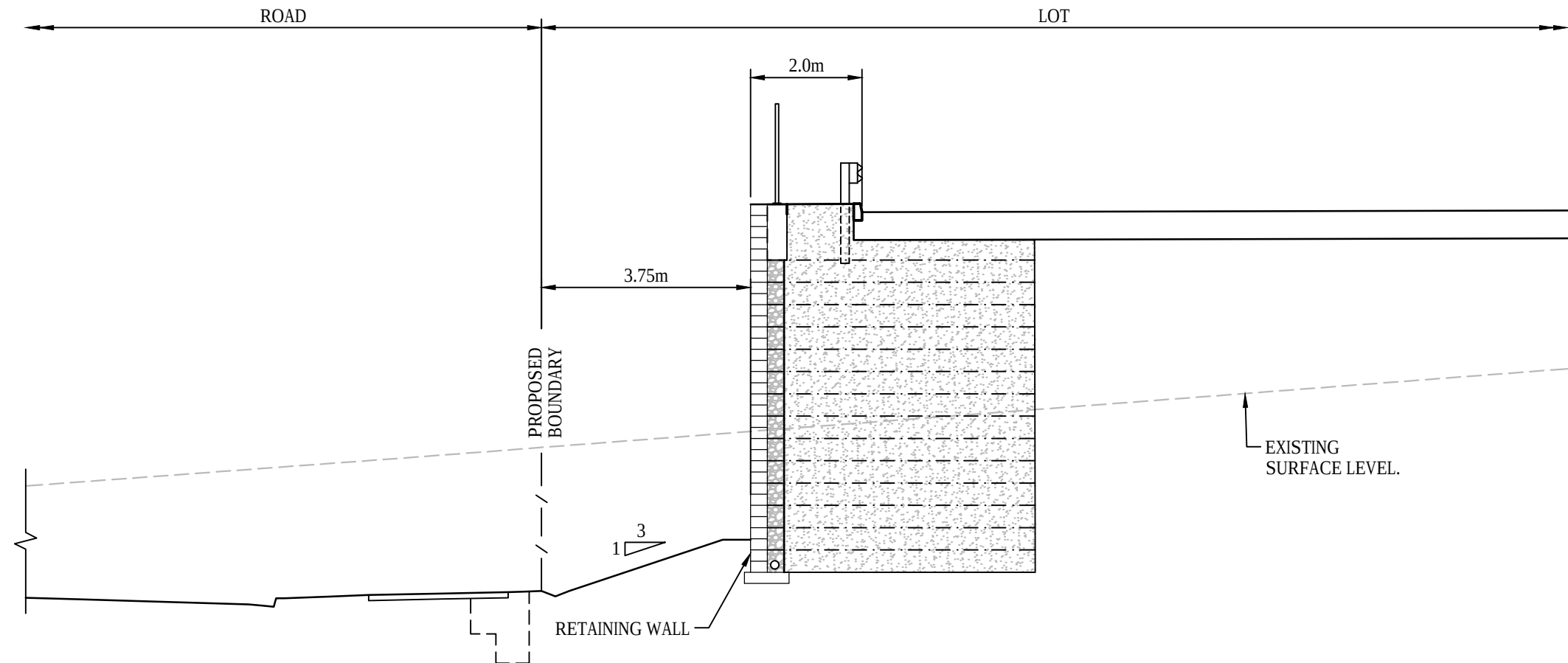
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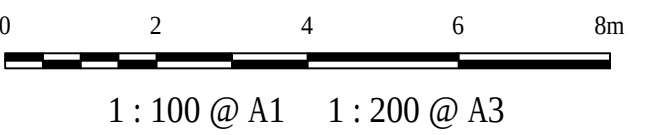
SECTION J
1 : 100



SECTION K
1 : 100



SECTION L
1 : 100



Status **FOR APPROVAL** **A1**
NOT TO BE USED FOR CONSTRUCTION

Scales	1 : 100	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1022.dwg

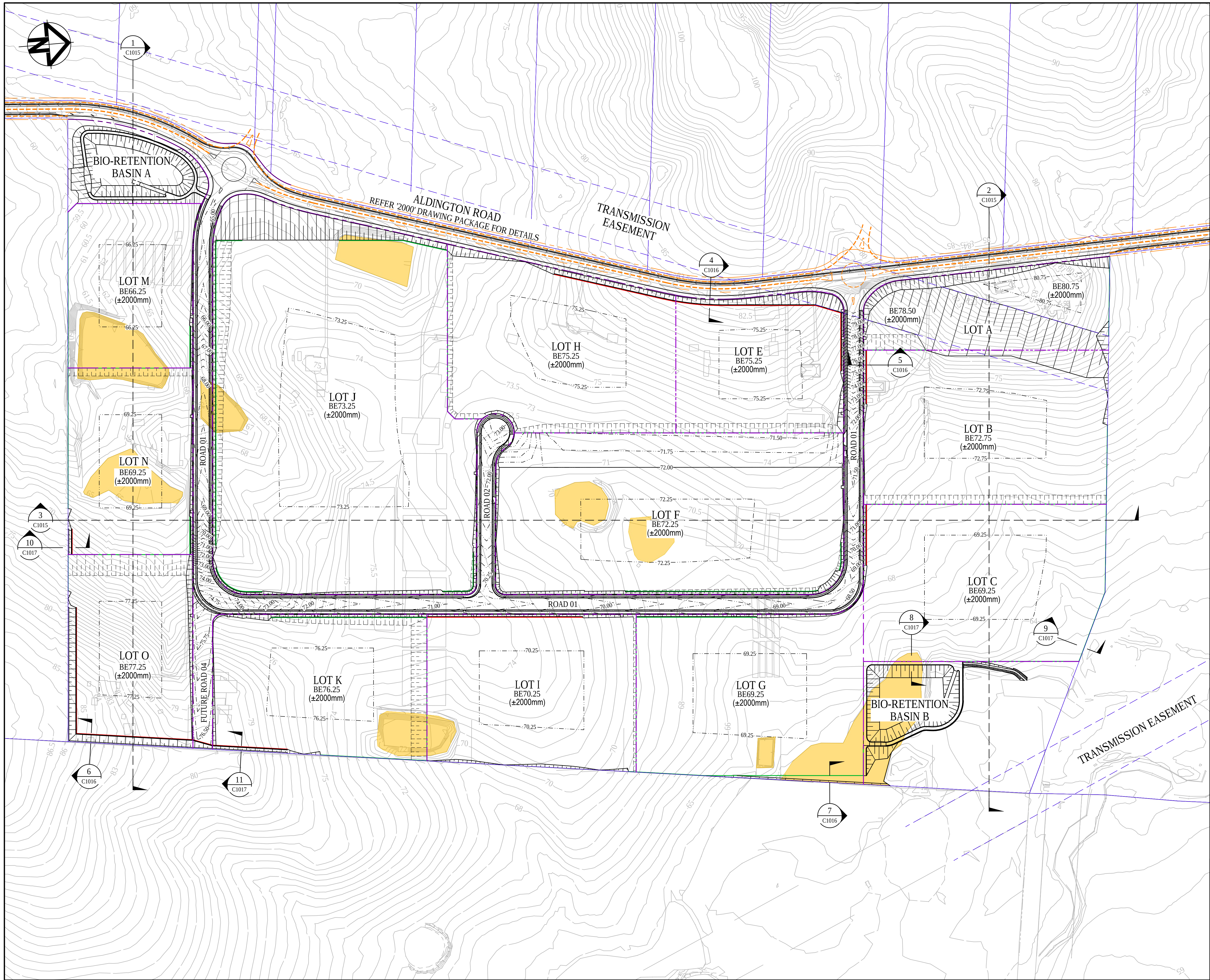


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Project **PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title **BOUNDARY
INTERFACE
SECTIONS
SHEET 2**

Drawing No. 19-609-C1022	Project No. 19-609	Issue A
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LEGEND

EXISTING

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR

PROPOSED

- EXTENT OF EXCAVATION OF EXISTING DAMS
- PROPOSED BOUNDARY
- AVERAGE BULK EARTHWORKS LEVEL
- PROPOSED CONTOUR
- FUTURE WORKS

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

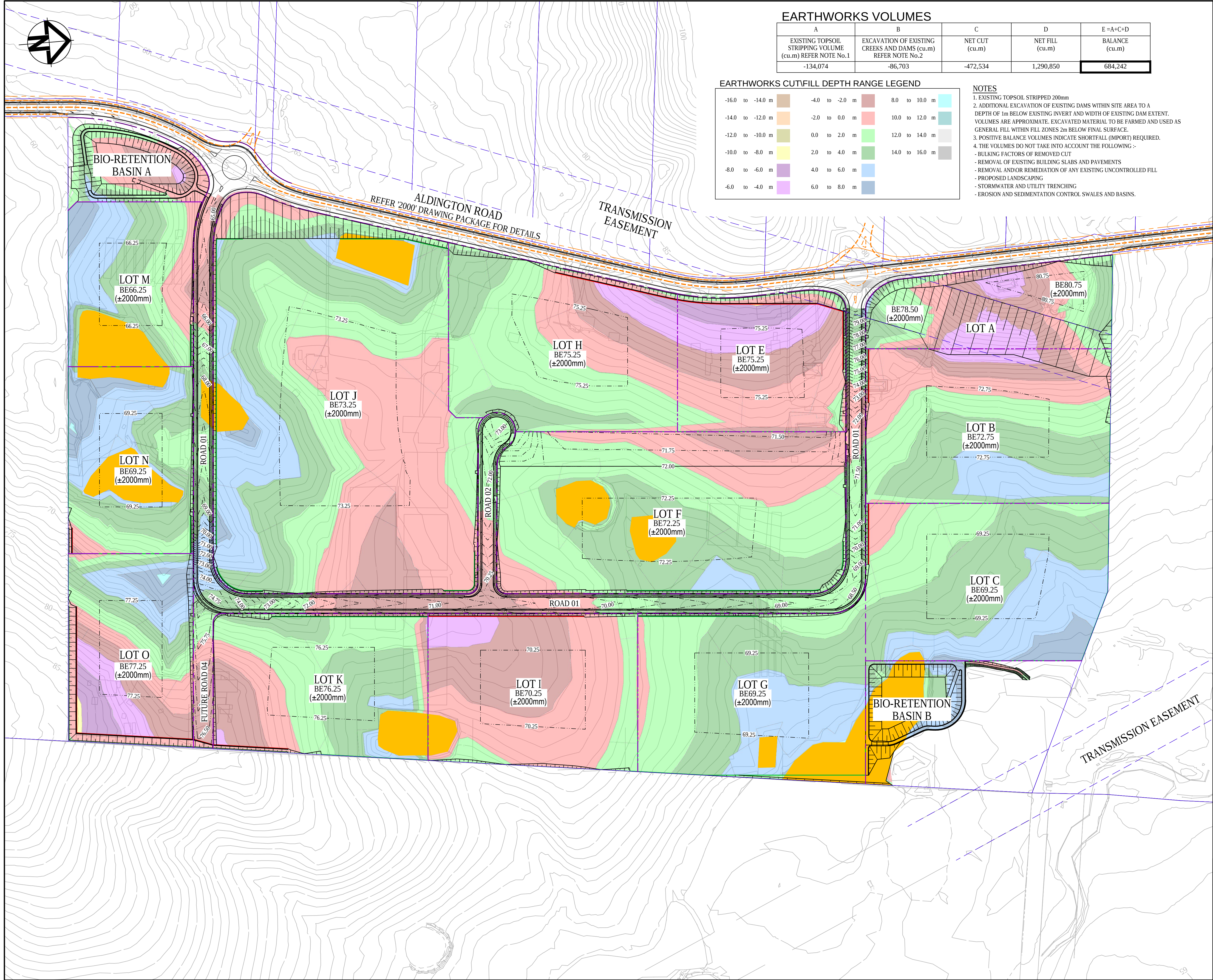
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Scales	1 : 2000	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1030.dwg

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Project	PROPOSED INDUSTRIAL DEVELOPMENT 200 ALDINGTON	
Title	BULK EARTHWORKS GENERAL ARRANGEMENT PLAN	
Drawing No.	Project No.	Issue
19-609-C1030	19-609	A



EARTHWORKS VOLUMES

A	B	C	D	E = A+C+D
EXISTING TOPSOIL STRIPPING VOLUME (cu.m) REFER NOTE No.1	EXCAVATION OF EXISTING CREEKS AND DAMS (cu.m) REFER NOTE No.2	NET CUT (cu.m)	NET FILL (cu.m)	BALANCE (cu.m)
-134,074	-86,703	-472,534	1,290,850	684,242

EARTHWORKS CUT/FILL DEPTH RANGE LEGEND

-16.0 to -14.0 m	-4.0 to -2.0 m	8.0 to 10.0 m
-14.0 to -12.0 m	-2.0 to 0.0 m	10.0 to 12.0 m
-12.0 to -10.0 m	0.0 to 2.0 m	12.0 to 14.0 m
-10.0 to -8.0 m	2.0 to 4.0 m	14.0 to 16.0 m
-8.0 to -6.0 m	4.0 to 6.0 m	
-6.0 to -4.0 m	6.0 to 8.0 m	

- NOTES
- 1. EXISTING TOPSOIL, STRIPPED 200mm
 - 2. ADDITIONAL EXCAVATION OF EXISTING DAMS WITHIN SITE AREA TO A DEPTH OF 1m BELOW EXISTING INVERT AND WIDTH OF EXISTING DAM EXTENT. VOLUMES ARE APPROXIMATE. EXCAVATED MATERIAL TO BE FARMED AND USED AS GENERAL FILL WITHIN FILL ZONES 2m BELOW FINAL SURFACE.
 - 3. POSITIVE BALANCE VOLUMES INDICATE SHORTFALL (IMPORT) REQUIRED.
 - 4. THE VOLUMES DO NOT TAKE INTO ACCOUNT THE FOLLOWING :-
 - BULKING FACTORS OF REMOVED CUT
 - REMOVAL OF EXISTING BUILDING SLABS AND PAVEMENTS
 - REMOVAL AND/OR REMEDIATION OF ANY EXISTING UNCONTROLLED FILL
 - PROPOSED LANDSCAPING
 - STORMWATER AND UTILITY TRENCHING
 - EROSION AND SEDIMENTATION CONTROL SWALES AND BASINS.

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

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date



Status		FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION				
Scales	1 : 2000	Drawn		
		GB		
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		GB		
Height Datum	AHD	Checked		
		AM		
Grid	GDA94 MGA56	Approved		

Client 19-609-C1031.dwg

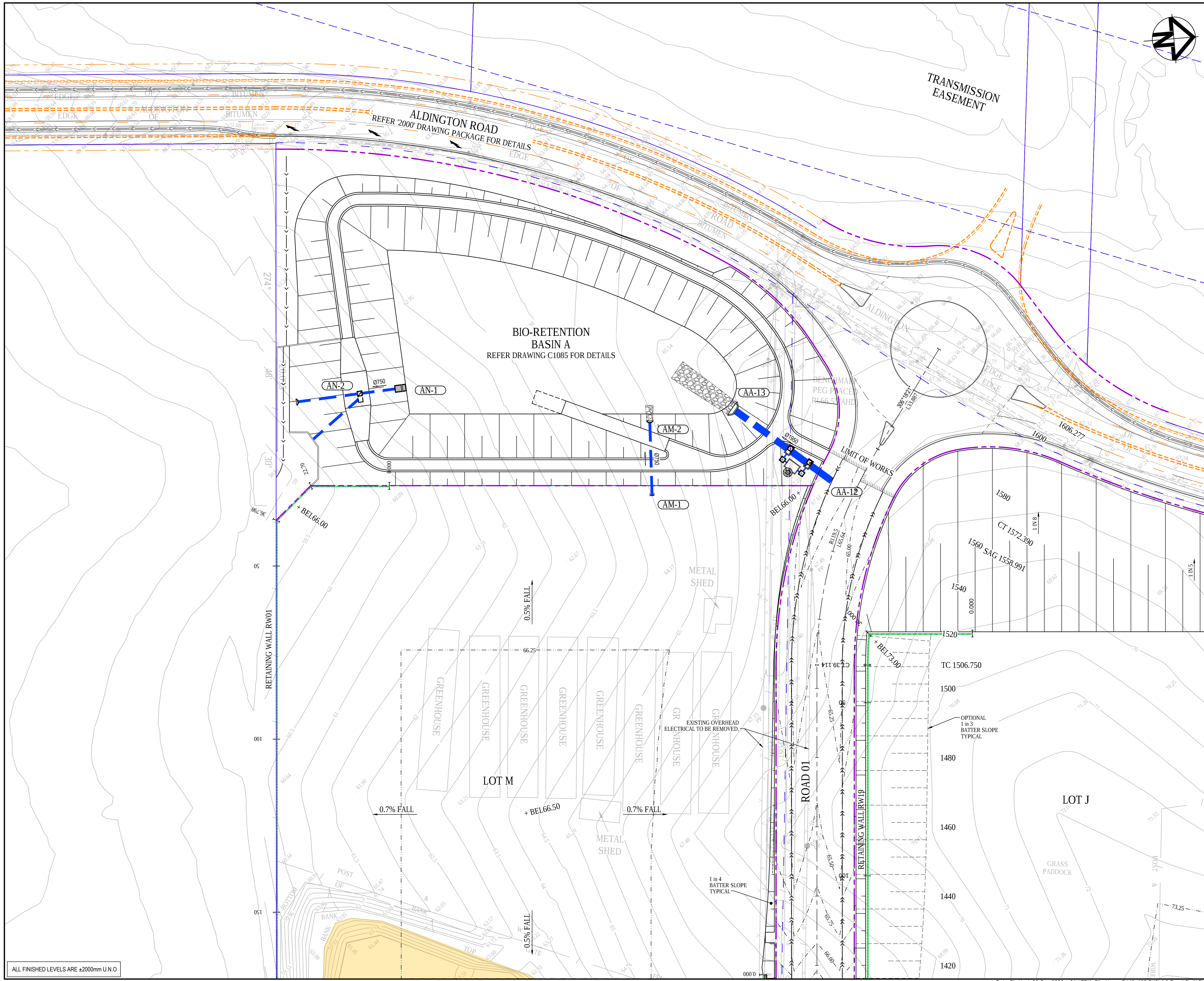
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Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title
**BULK EARTHWORKS
CUT/FILL PLAN**

Drawing No.	Project No.	Issue
19-609-C1031	19-609	A



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
- 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
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

0 10 20 30 40m

1 : 500 @ A1 1 : 1000 @ A3

Status	FOR APPROVAL	A1
Scales	1 : 500	Drawn GB Designed GB
Height Datum	AHD	Checked AM
Grid	GDA94 MGA56	Approved

Client 19-609-C1041.dwg

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Project

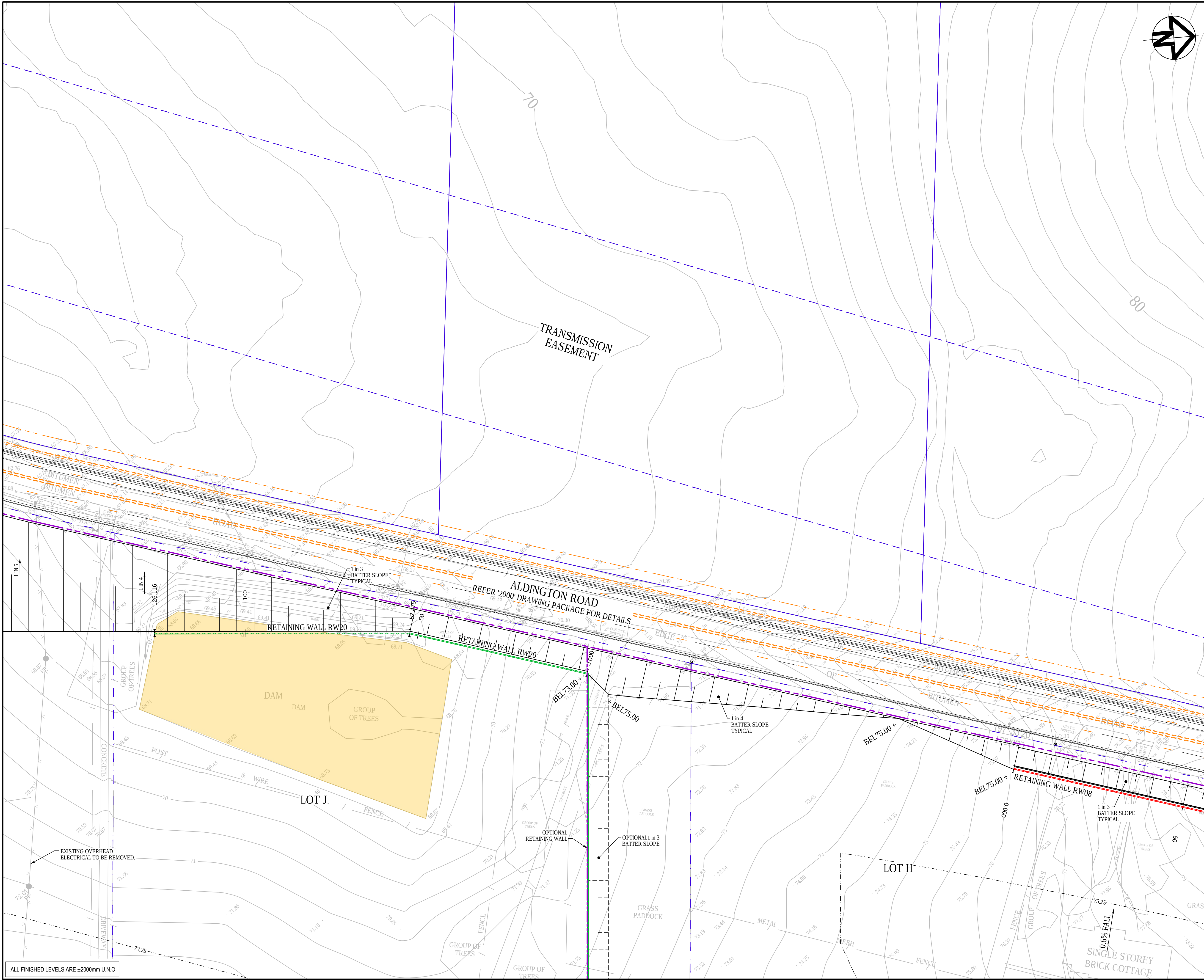
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title

**BULK EARTHWORKS AND
STORMWATER DRAINAGE
PLAN
SHEET 1**

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

ALL FINISHED LEVELS ARE ±200mm U.N.O



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
- FUTURE WORKS
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- EXTENT OF EXCAVATION OF EXISTING DAMS

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	GDA94 MGA56	Approved	
Client	19-609-C1042.dwg		

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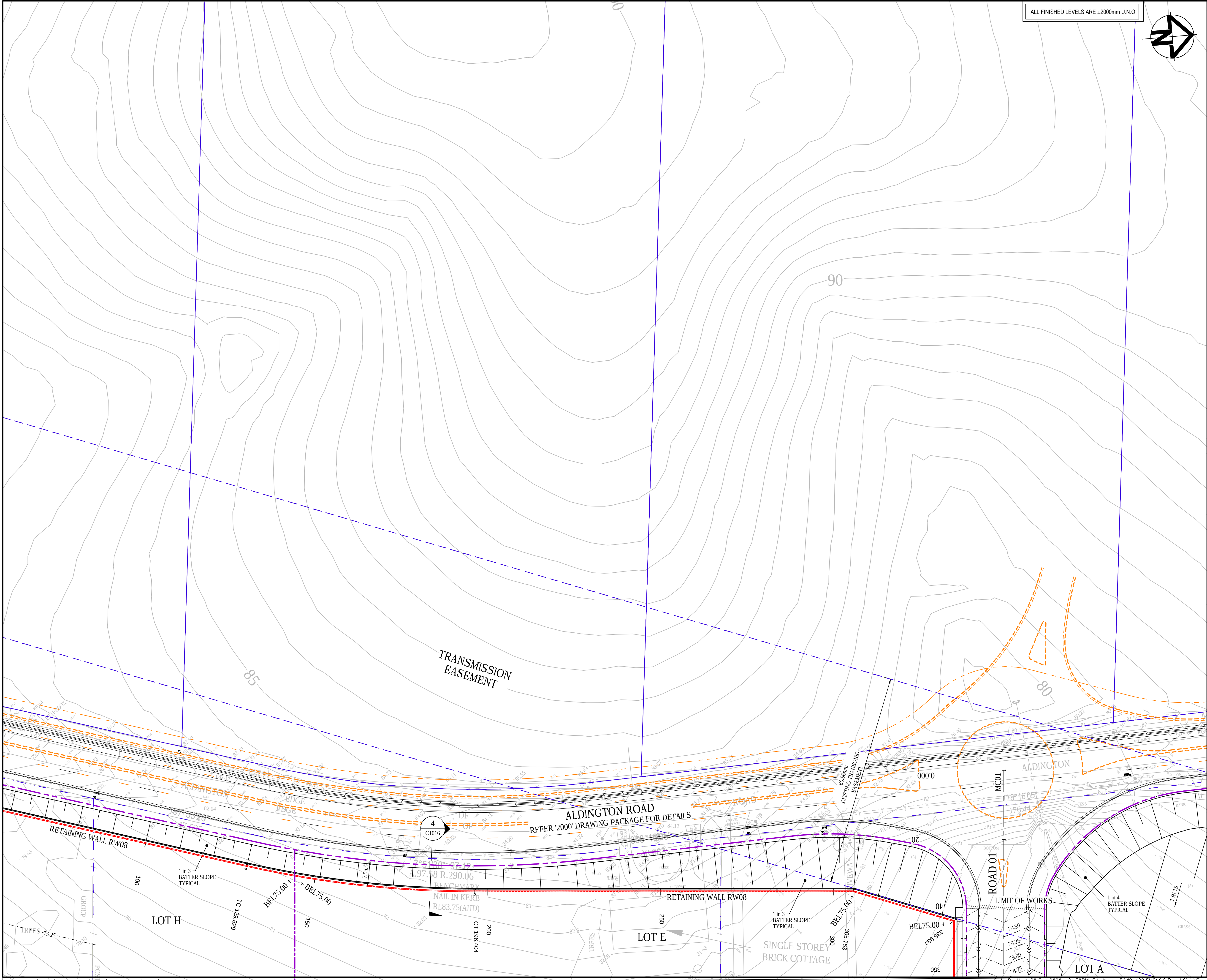
Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

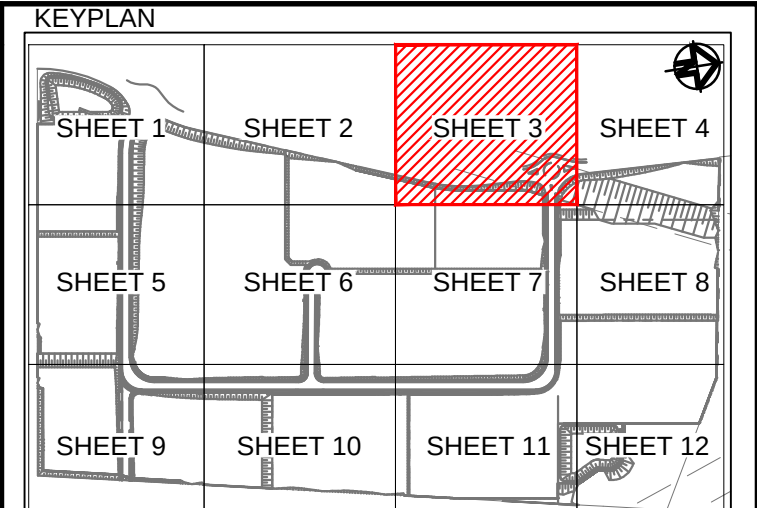
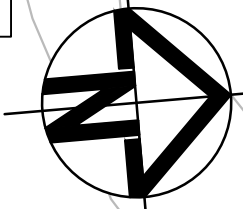
Title

BULK EARTHWORKS AND STORMWATER DRAINAGE
PLAN
SHEET 2

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

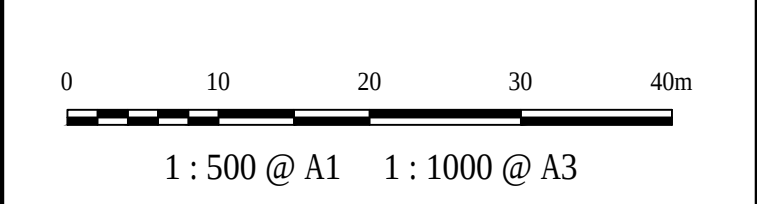


ALL FINISHED LEVELS ARE ±2000mm U.N.O



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
	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
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1043.dwg

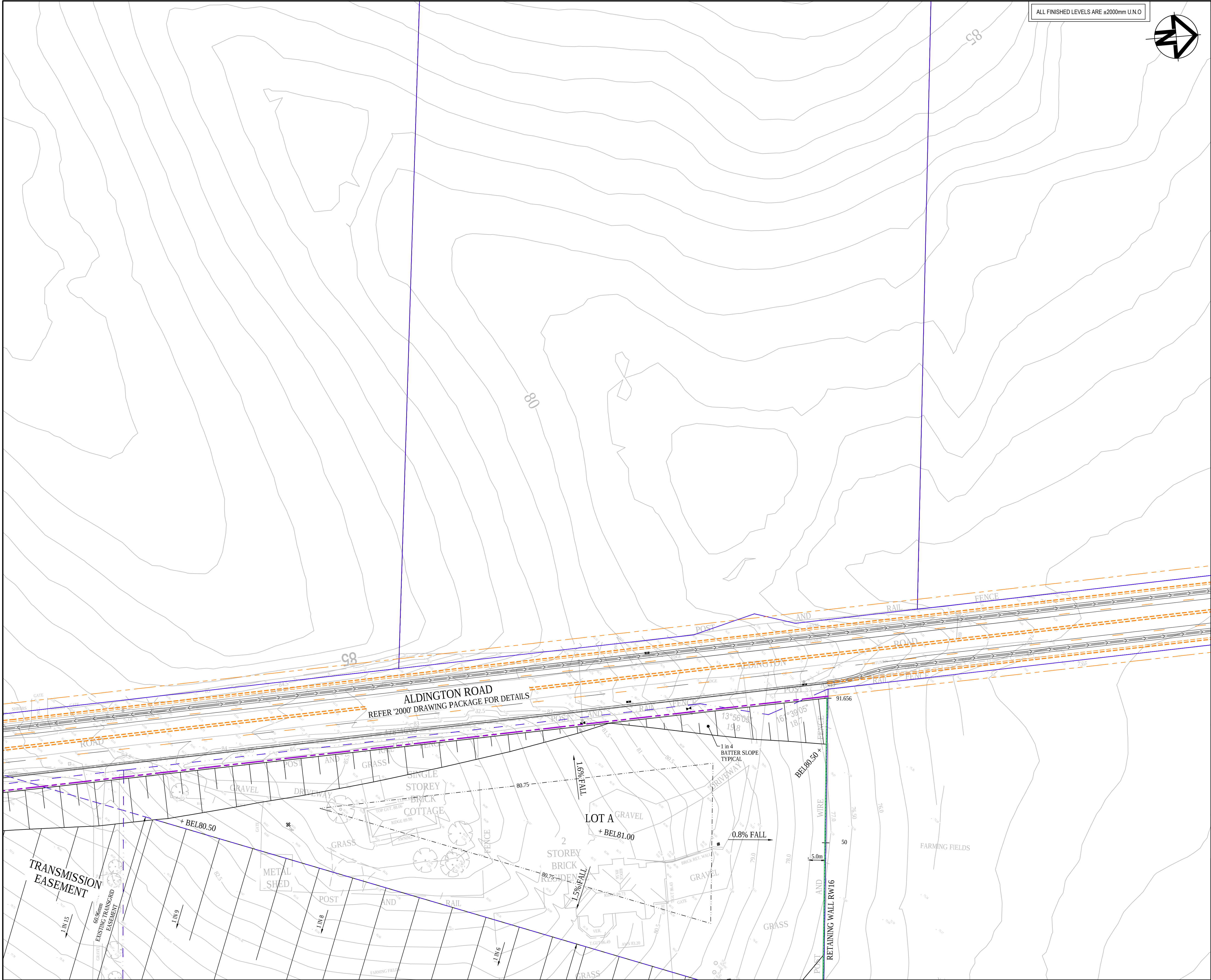
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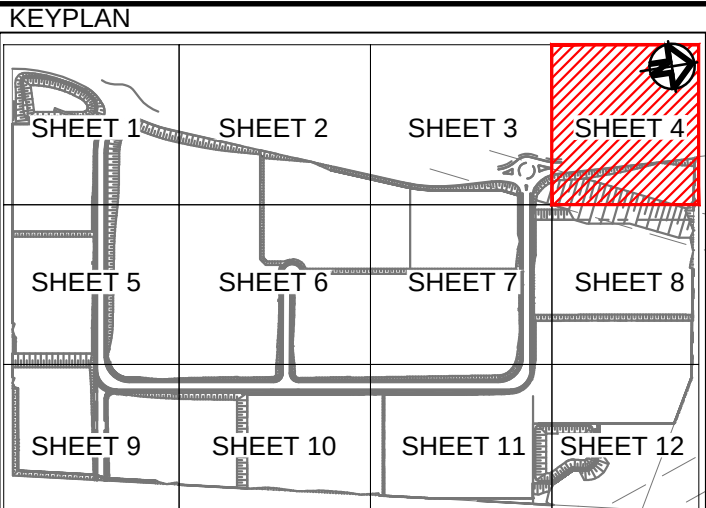
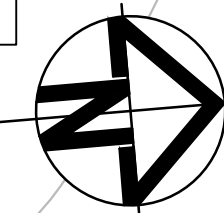
Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

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

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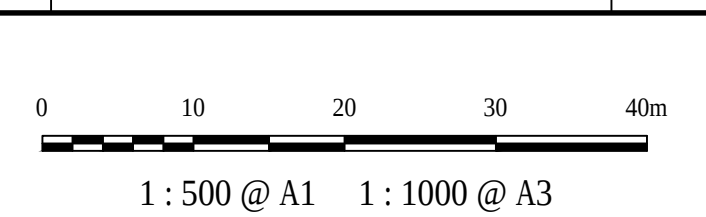


ALL FINISHED LEVELS ARE ±2000mm U.N.O



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
	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
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20



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	GDA94 MGA56	Approved	

Client 19-609-C1044.dwg



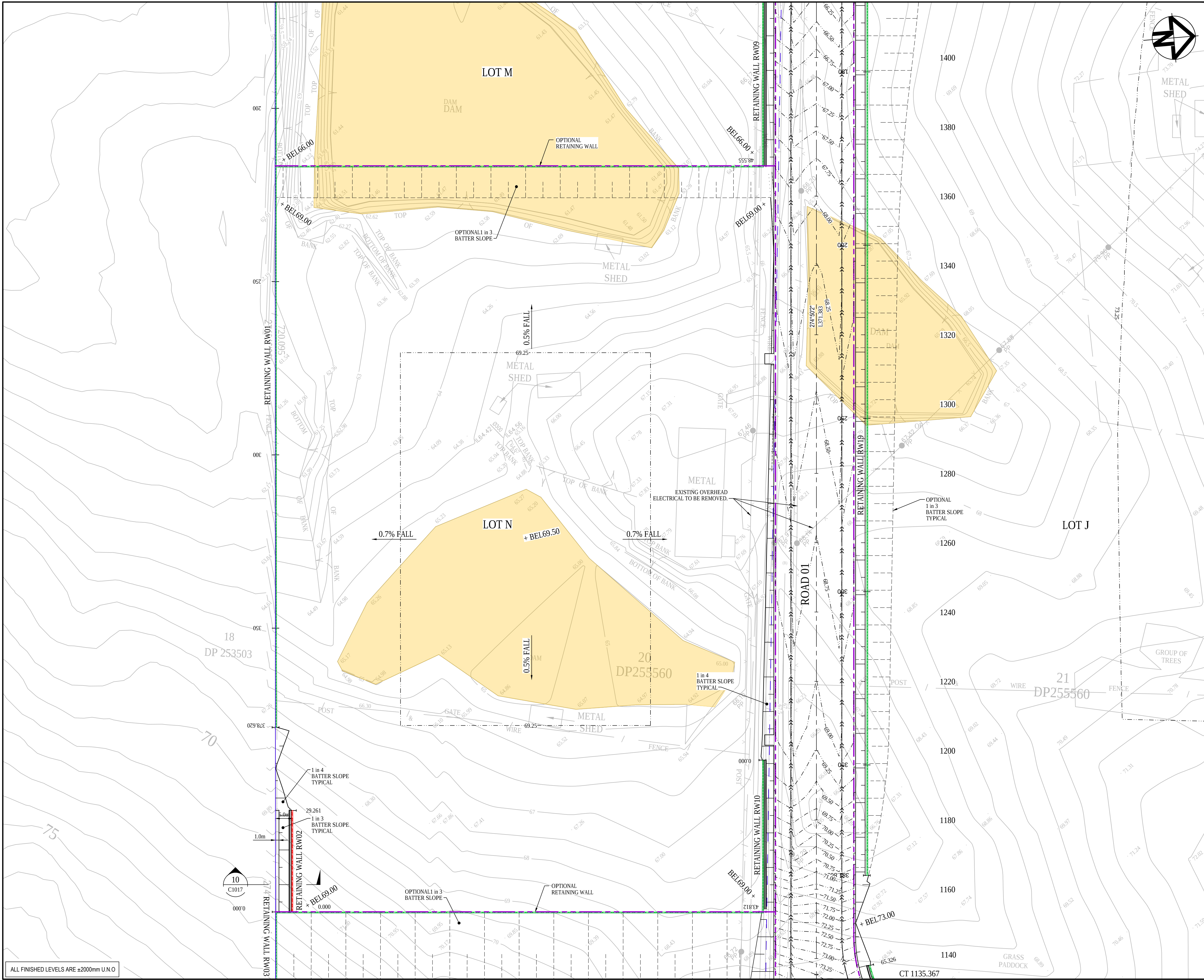
Civil Engineers and Project Managers



Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

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

Drawing No. 19-609-C1044	Project No. 19-609	Issue A
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KEYPLAN

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 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
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

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	Approved
Grid	GDA94 MGA56		

Client 19-609-C1045.dwg

Civil Engineers and Project Managers

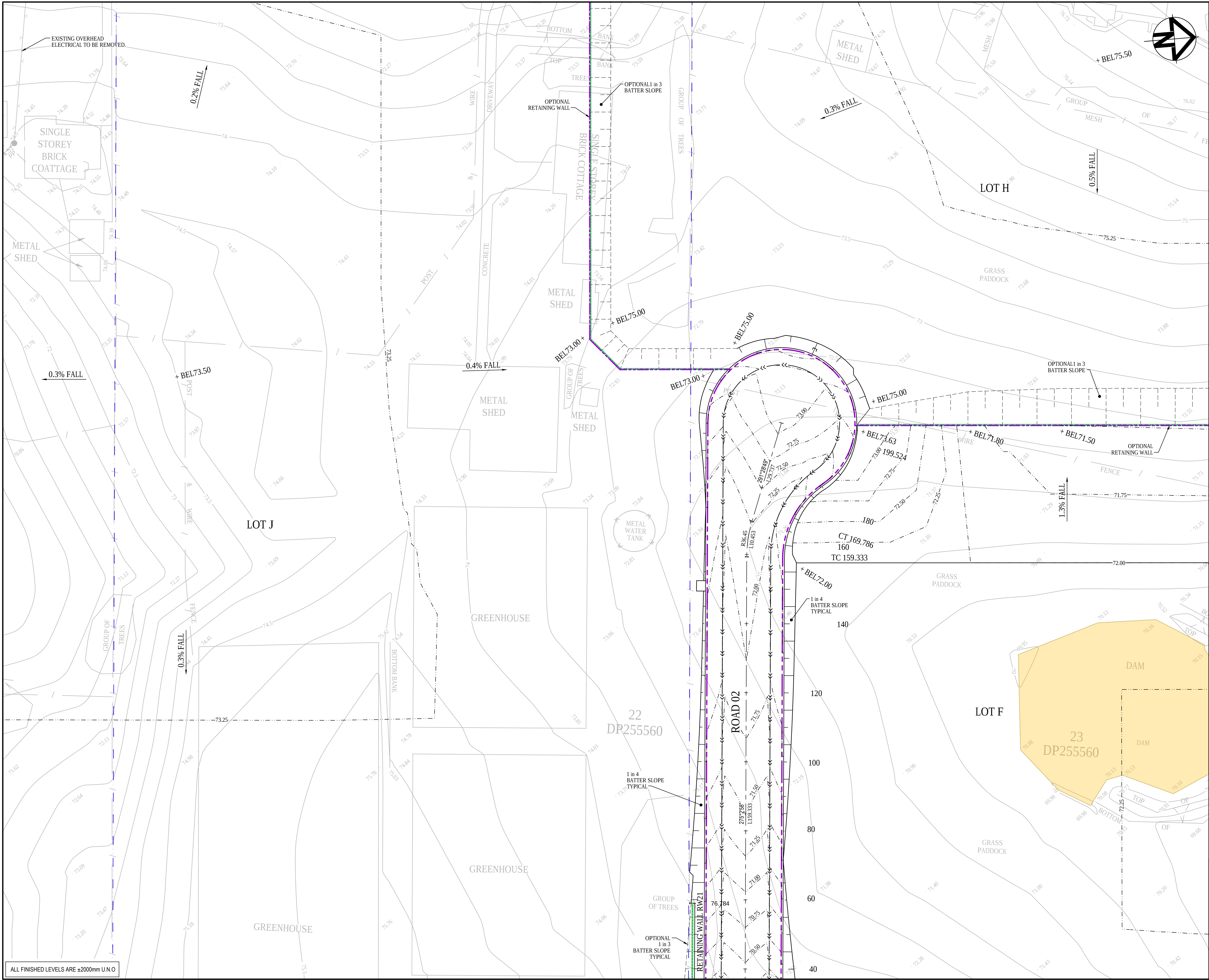
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Project **PROPOSED INDUSTRIAL DEVELOPMENT 200 ALDINGTON**

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

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

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



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
- FUTURE WORKS
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- EXTENT OF EXCAVATION OF EXISTING DAMS.

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	GDA94 MGA56	Approved	

Client 19-609-C1046.dwg

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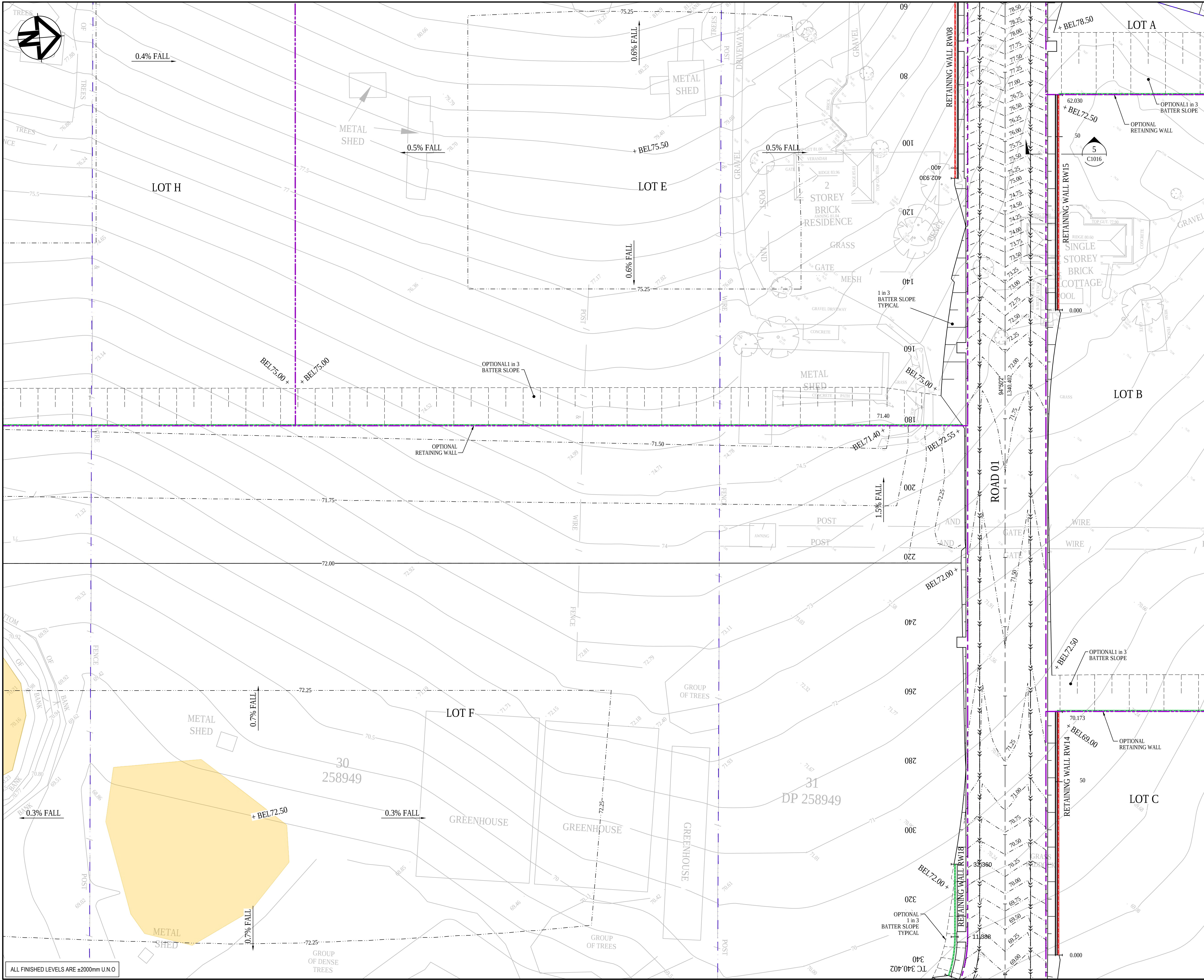
Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 6

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



KEYPLAN

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 FUTURE WORKS

3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC

EXTENT OF EXCAVATION OF EXISTING DAMS

0 10 20 30 40m

1:500 @ A1 1:1000 @ A3

Status: FOR APPROVAL

NOT TO BE USED FOR CONSTRUCTION

A1

Scales: 1:500

Height Datum: AHD

Grid: GDA94 MGA56

Client: 19-609-C1047.dwg

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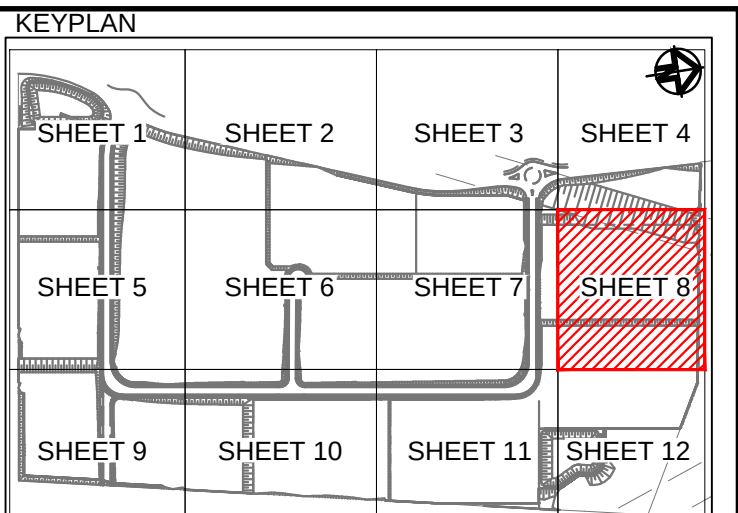
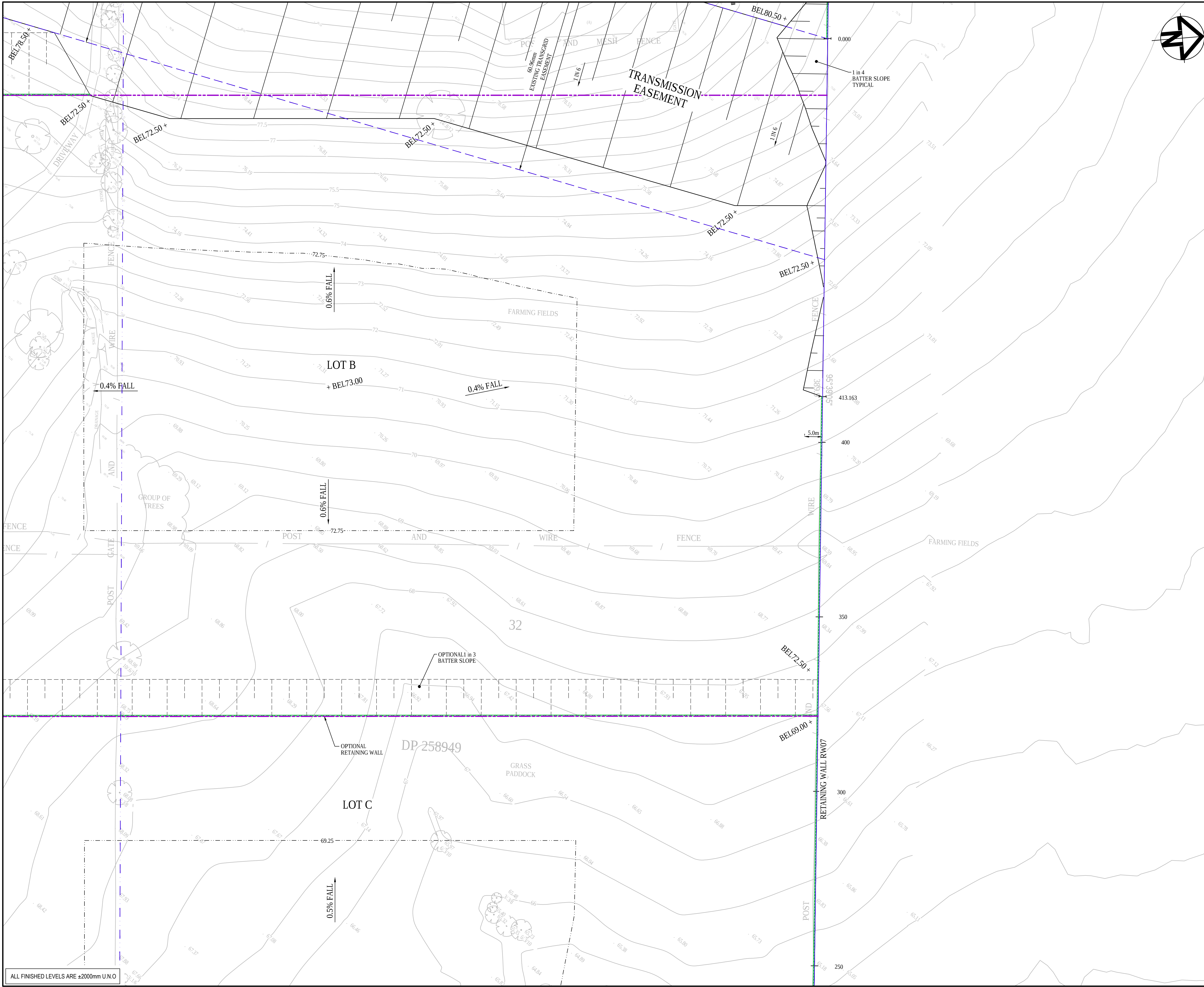
Project: PROPOSED INDUSTRIAL DEVELOPMENT 200 ALDINGTON

Title: BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 7

Drawing No. 19-609-C1047

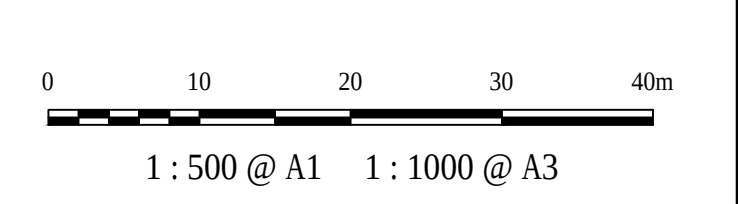
Project No. 19-609

Issue A



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 FUTURE WORKS
	3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
	RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
	EXTENT OF EXCAVATION OF EXISTING DAMS

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date



Status	FOR APPROVAL	A1
NOT TO BE USED FOR CONSTRUCTION		

Scales	1 : 500	Drawn GB	
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Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1048.dwg



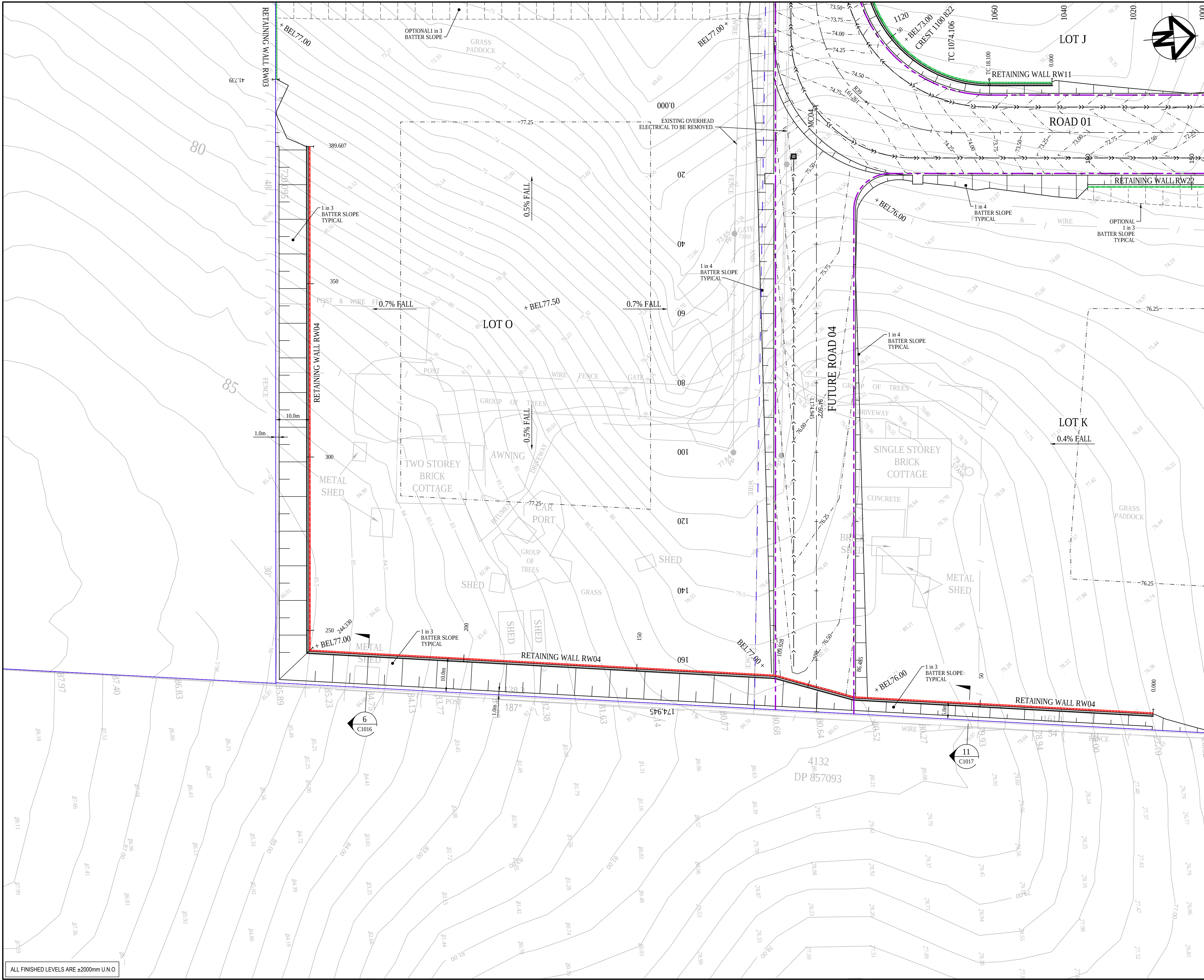
Civil Engineers and Project Managers



Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title
**BULK EARTHWORKS AND STORMWATER DRAINAGE
PLAN
SHEET 8**

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

FUTURE WORKS

3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC

EXTENT OF EXCAVATION OF EXISTING DAMS.

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

GDA94 MGA56

Approved

Client

19-609-C1049.dwg

Stockland

FIFECAPITAL

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Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 9

Drawing No.

19-609-C1049

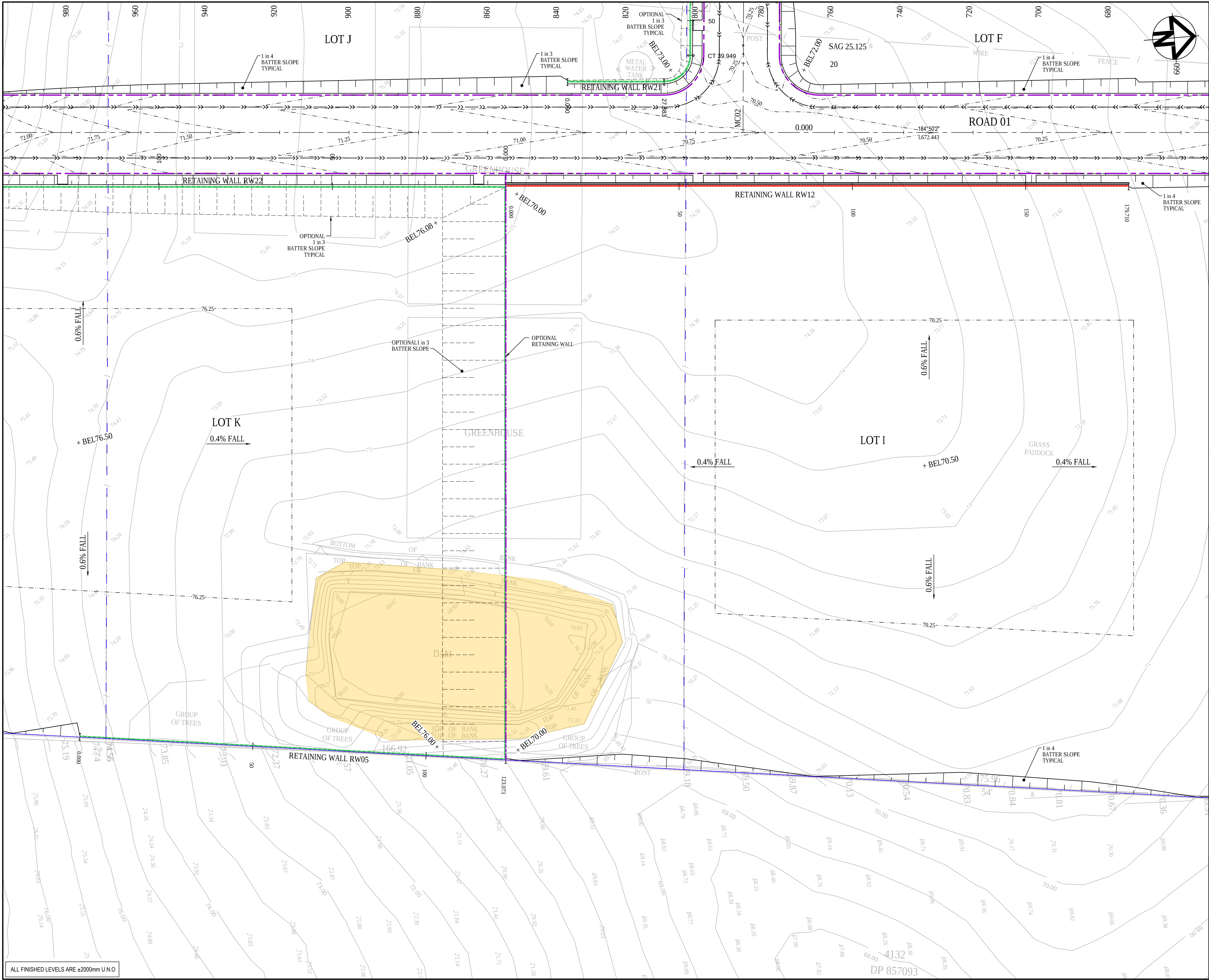
Project No.

19-609

Issue

A

ALL FINISHED LEVELS ARE ±200mm U.N.O



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
- FUTURE WORKS
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- EXTENT OF EXCAVATION OF EXISTING DAMS

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	GDA94 MGA56	Approved	

Client 19-609-C1050.dwg

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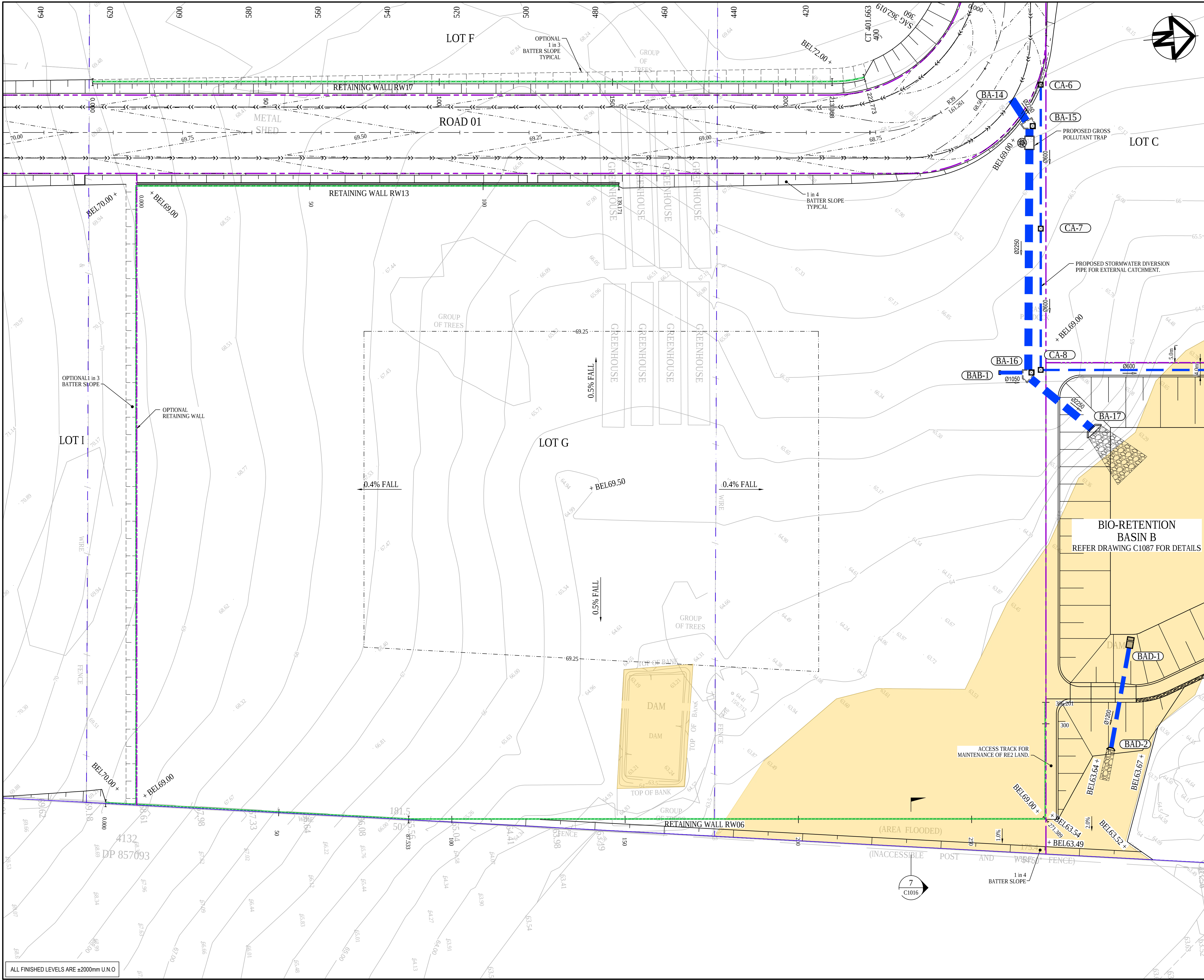
Project

**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title

**BULK EARTHWORKS AND
STORMWATER DRAINAGE
PLAN
SHEET 10**

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



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

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
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

01000203040

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

GDA94 MGA56

Approved

Client

19-609-C1051.dwg

Stockland

FIFECAPITAL

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Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 11

Drawing No.

19-609-C1051

Project No.

19-609

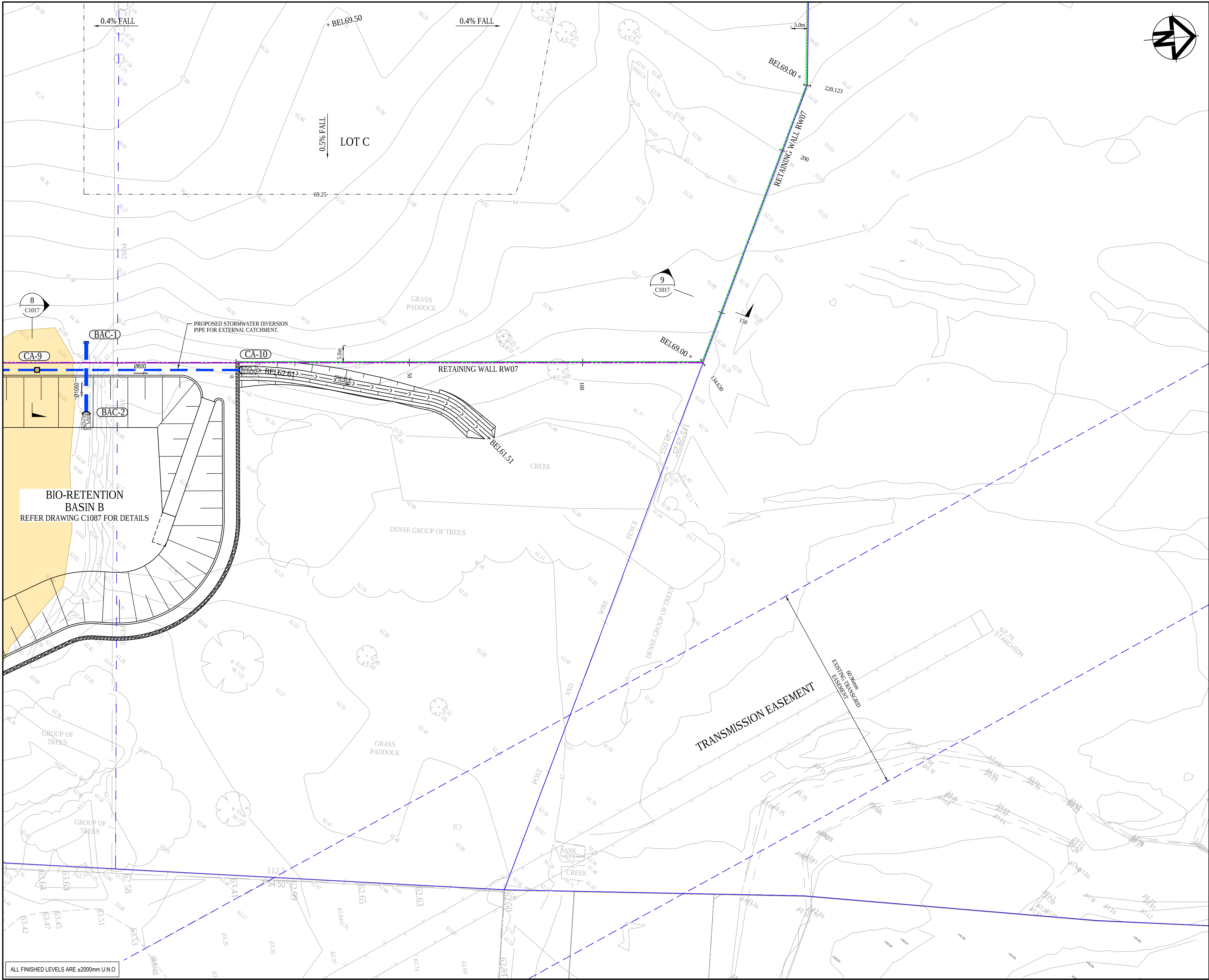
Issue

A

Date Plotted: 30 Sep 2020 - 04:58PM

File Name: F:\19-609 FK\6.0 Drgs\Civil\Final\SSDA\1000_Infrastructure Package\19-609-C1051.dwg

V1



KEYPLAN

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

FUTURE WORKS

3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC

EXTENT OF EXCAVATION OF EXISTING DAMS

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

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1 : 500 @ A1

1 : 1000 @ A3

Status

FOR APPROVAL

NOT TO BE USED FOR CONSTRUCTION

A1

Scales

1 : 500

Drawn GB

Designed GB

Checked AM

Approved

Height Datum

AHD

Grid

GDA94 MGA56

Client

19-609-C1052.dwg

Stockland

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Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

BULK EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 12

Drawing No.

19-609-C1052

Project No.

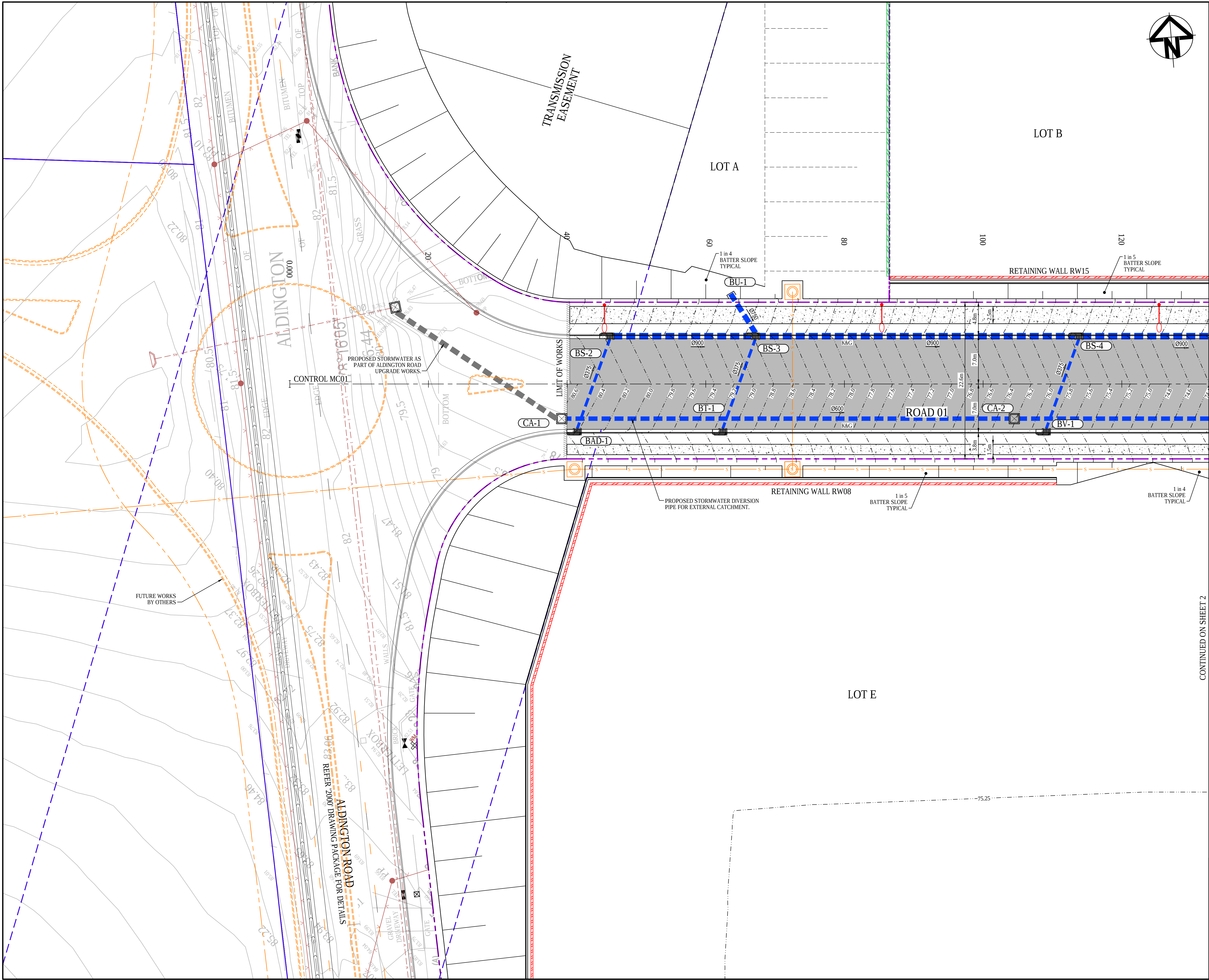
19-609

Issue

A

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

Date Plotted: 30 Sep 2020 - 04:59PM File Name: F:\19-609 FK\6.0 Drgs\Civil\Final\SSDA\1000_Infrastructure Package\19-609-C1052.dwg



KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- FUTURE WORKS
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

Issue	Description	Date
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

0 5 10 15 20m

1 : 250 @ A1 1 : 500 @ A3

Status

FOR APPROVAL

NOT TO BE USED FOR CONSTRUCTION

A1

Scales

1 : 250

Drawn GB

Designed GB

Height Datum

AHD

Checked AM

Grid

GDA94 MGA56

Approved

Client

19-609-C1061.dwg

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Project

PROPOSED INDUSTRIAL DEVELOPMENT

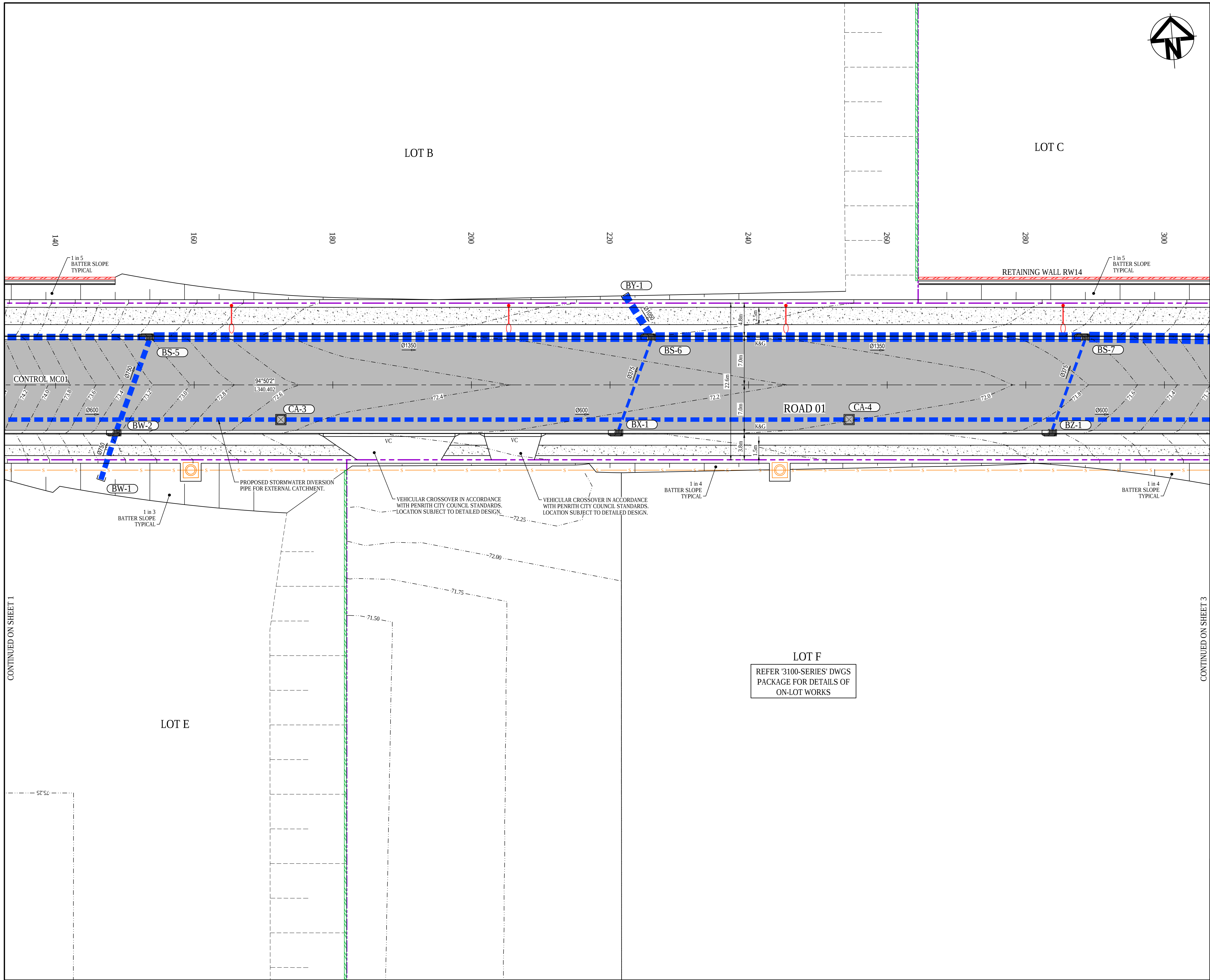
200 ALDINGTON

Title

ROADWORKS AND STORMWATER DRAINAGE PLAN

SHEET 1

Drawing No.	Project No.	Issue
19-609-C1061	19-609	A



KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- FUTURE WORKS
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

Issue	Description	Date
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

0 5 10 15 20m

1 : 250 @ A1 1 : 500 @ A3

Status	FOR APPROVAL		A1
	NOT TO BE USED FOR CONSTRUCTION		
Scales	1 : 250	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1062.dwg

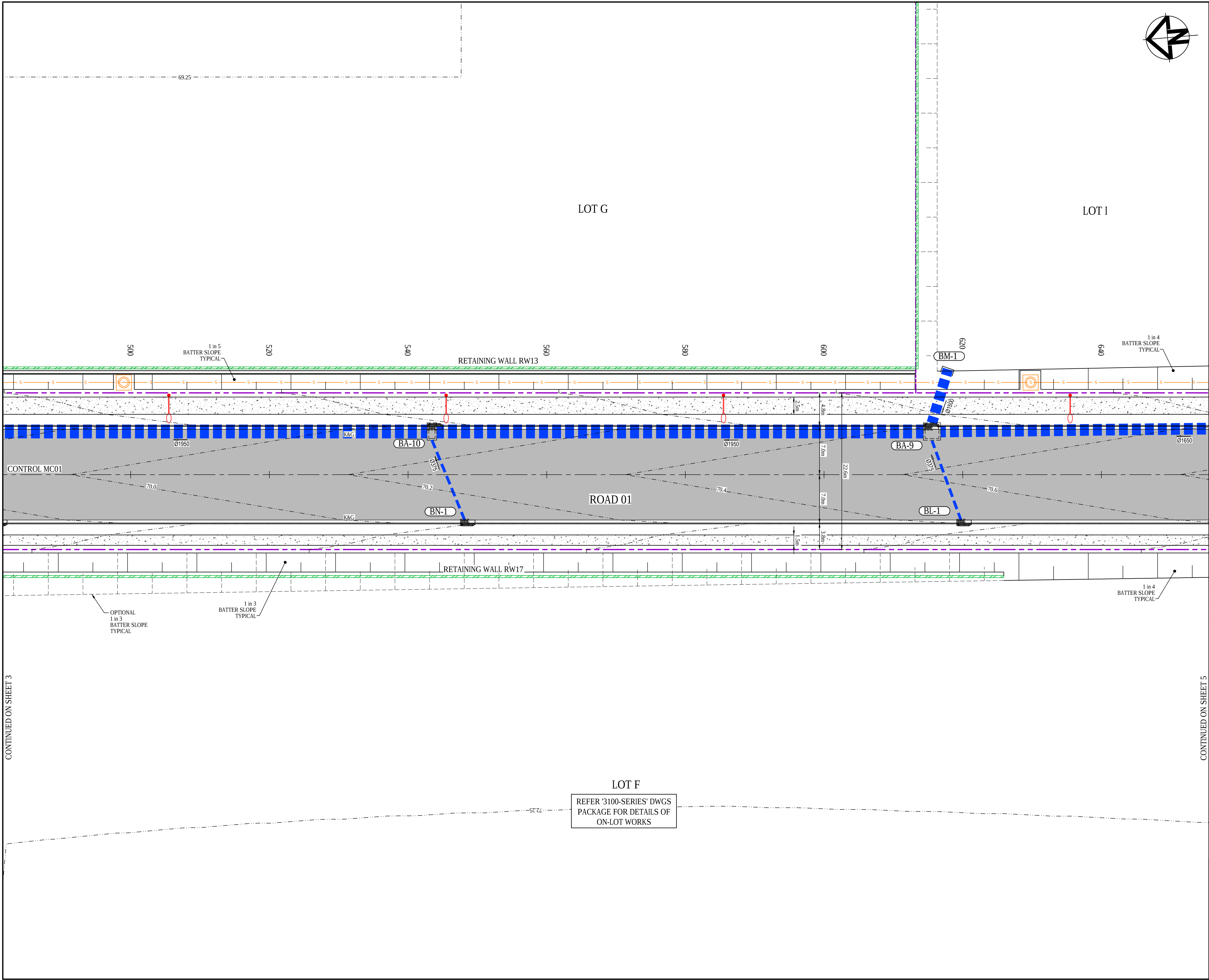
Civil Engineers and Project Managers

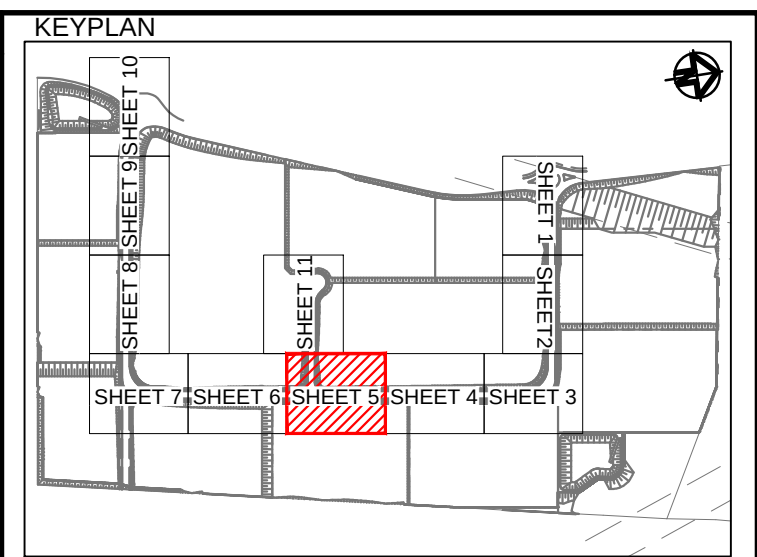
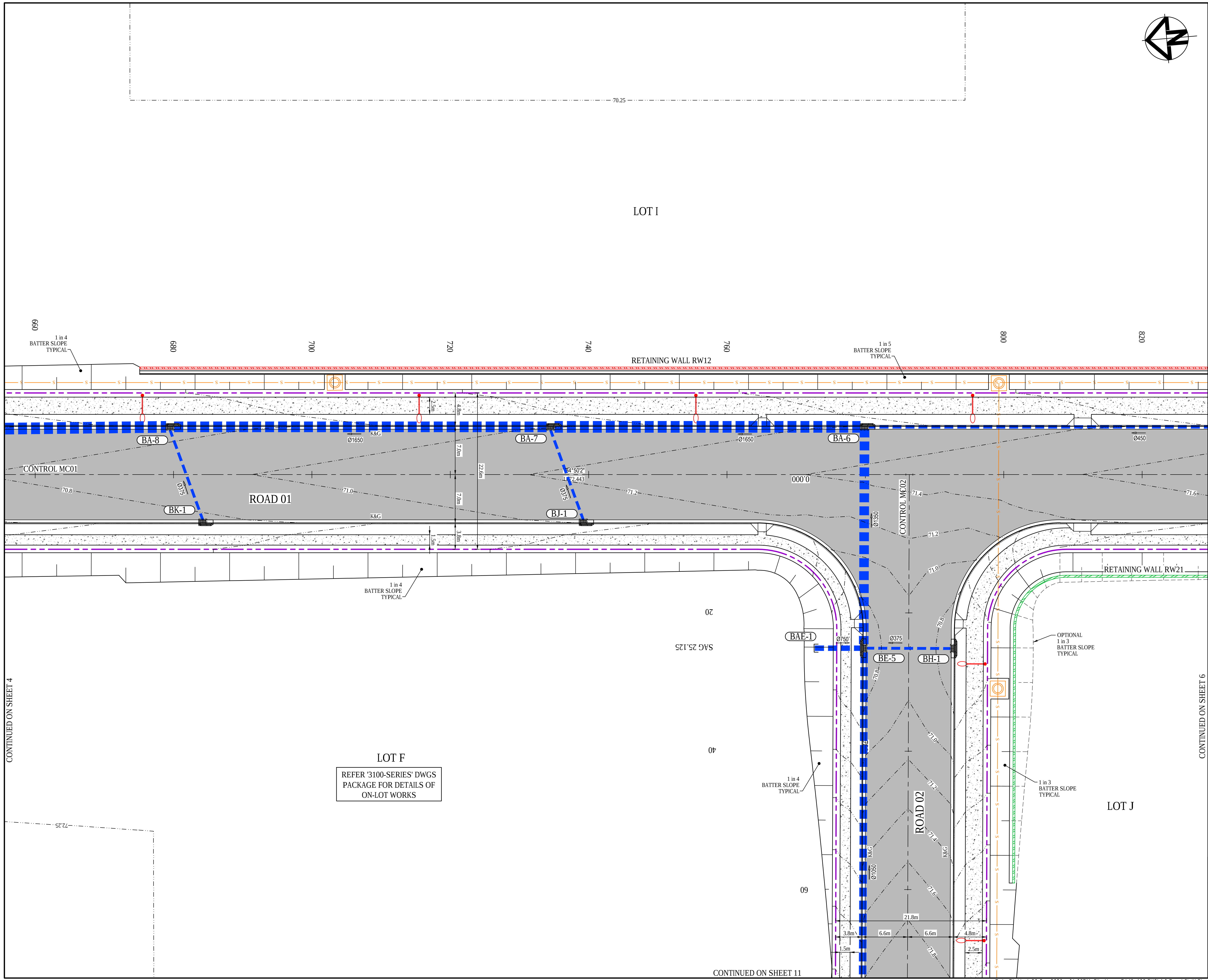
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Project **PROPOSED INDUSTRIAL DEVELOPMENT**
200 ALDINGTON

Title **ROADWORKS AND STORMWATER DRAINAGE PLAN**
SHEET 2

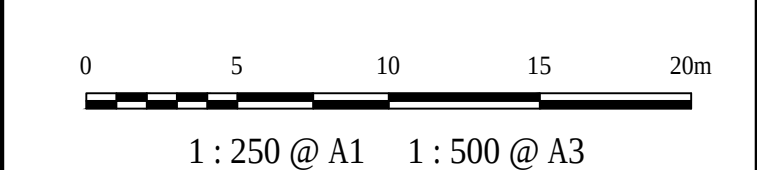
Drawing No.	Project No.	Issue
19-609-C1062	19-609	A





LEGEND	
	EXISTING BOUNDARY
	EXISTING EASEMENT
	EXISTING CONTOUR
	PROPOSED BOUNDARY
	PROPOSED CONTOUR
	PROPOSED KERB AND GUTTER
	SWALE
	PROPOSED STORMWATER PIPE WITH SIZE
	PROPOSED KERB INLET PIT
	PROPOSED HEADWALL
	BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
	PROPOSED STORMWATER PIT NUMBER
	PROPOSED RETAINING WALL - FILL
	PROPOSED RETAINING WALL - CUT
	PROPOSED SEWER
	FUTURE WORKS
	PROPOSED FLEXIBLE ROAD PAVEMENT
	PROPOSED CONCRETE FOOTPATH
	3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

Issue	Description	Date
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 : 250	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client	19-609-C1065.dwg
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Project	PROPOSED INDUSTRIAL DEVELOPMENT 200 ALDINGTON
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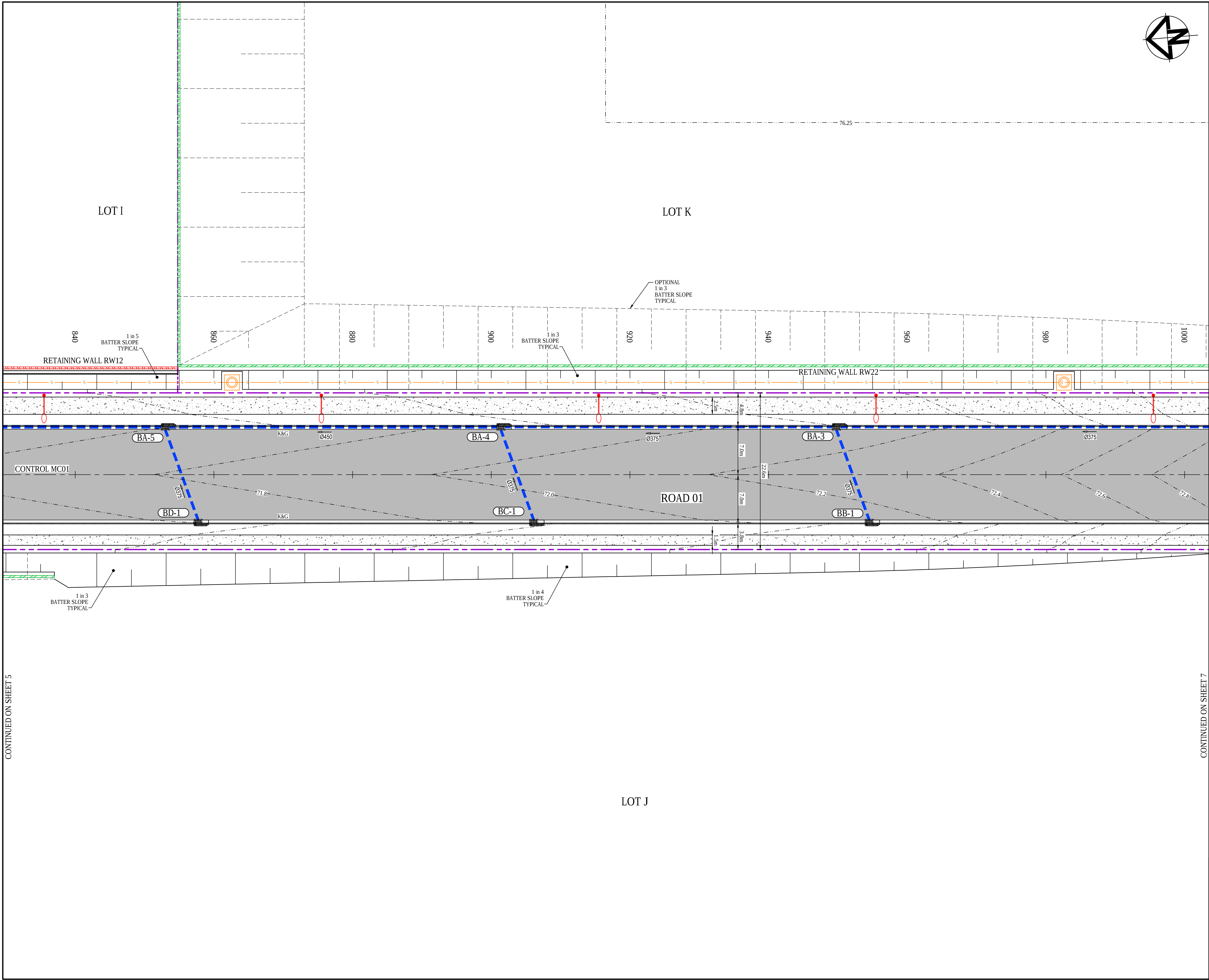
Title	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 5
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Drawing No.	Project No.	Issue
19-609-C1065	19-609	A

CONTINUED ON SHEET 4

CONTINUED ON SHEET 6

CONTINUED ON SHEET 11



KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
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- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- FUTURE WORKS
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

0 5 10 15 20m

1 : 250 @ A1 1 : 500 @ A3

Status	FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 250	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	
Client	19-609-C1066.dwg		

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PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 6

Drawing No.	Project No.	Issue
19-609-C1066	19-609	A

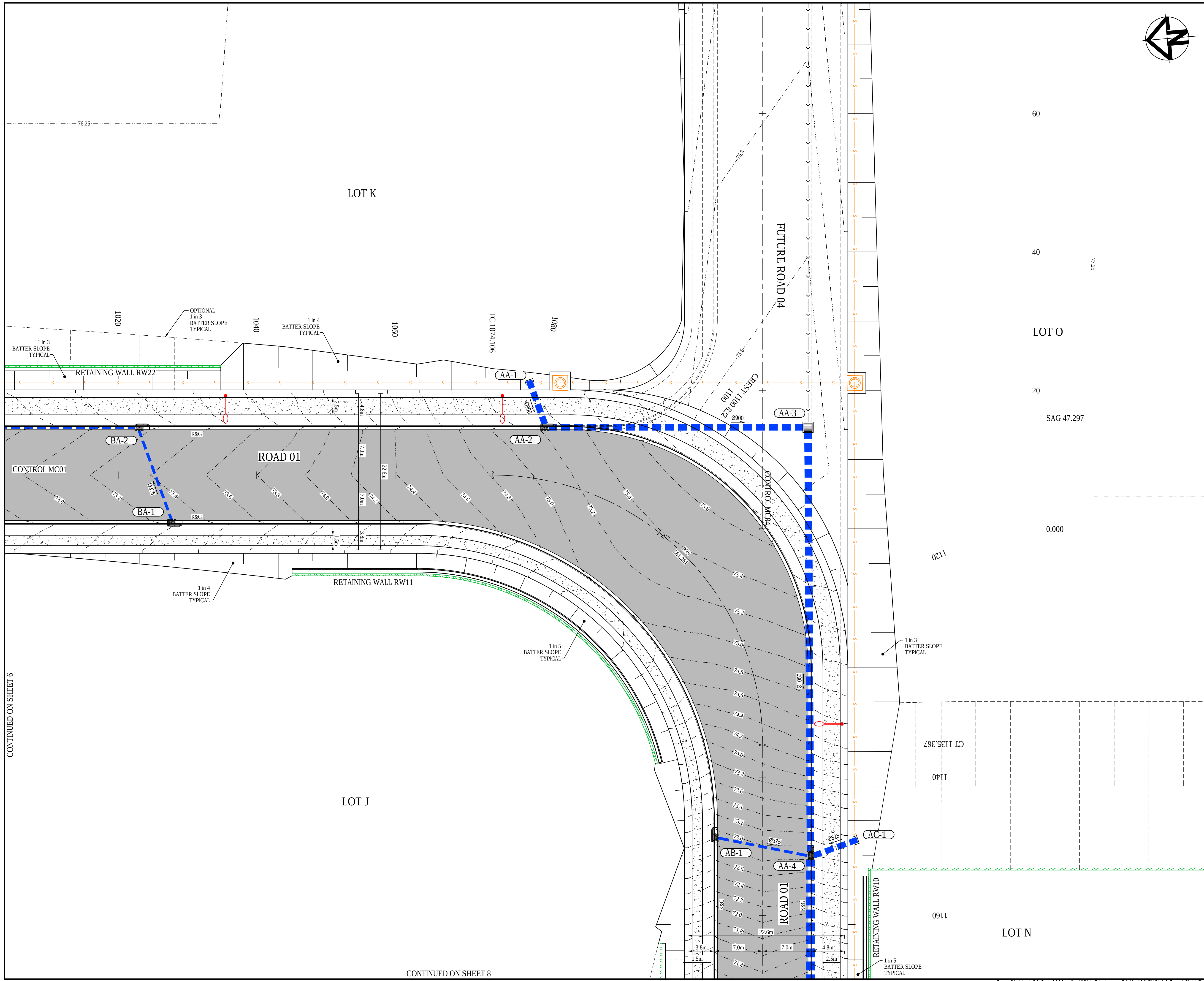
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CONTINUED ON SHEET 7

100mm on Original

Date Plotted: 30 Sep 2020 - 04:10PM File Name: F:\19-609 FKC\6.0 Drgs\Civil\Final\SSDA\1000_Infrastructure Package\19-609-C1066.dwg

V1



KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
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- BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- FUTURE WORKS
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

0 5 10 15 20m

1 : 250 @ A1 1 : 500 @ A3

Status	FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 250	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	
Client	19-609-C1067.dwg		

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Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

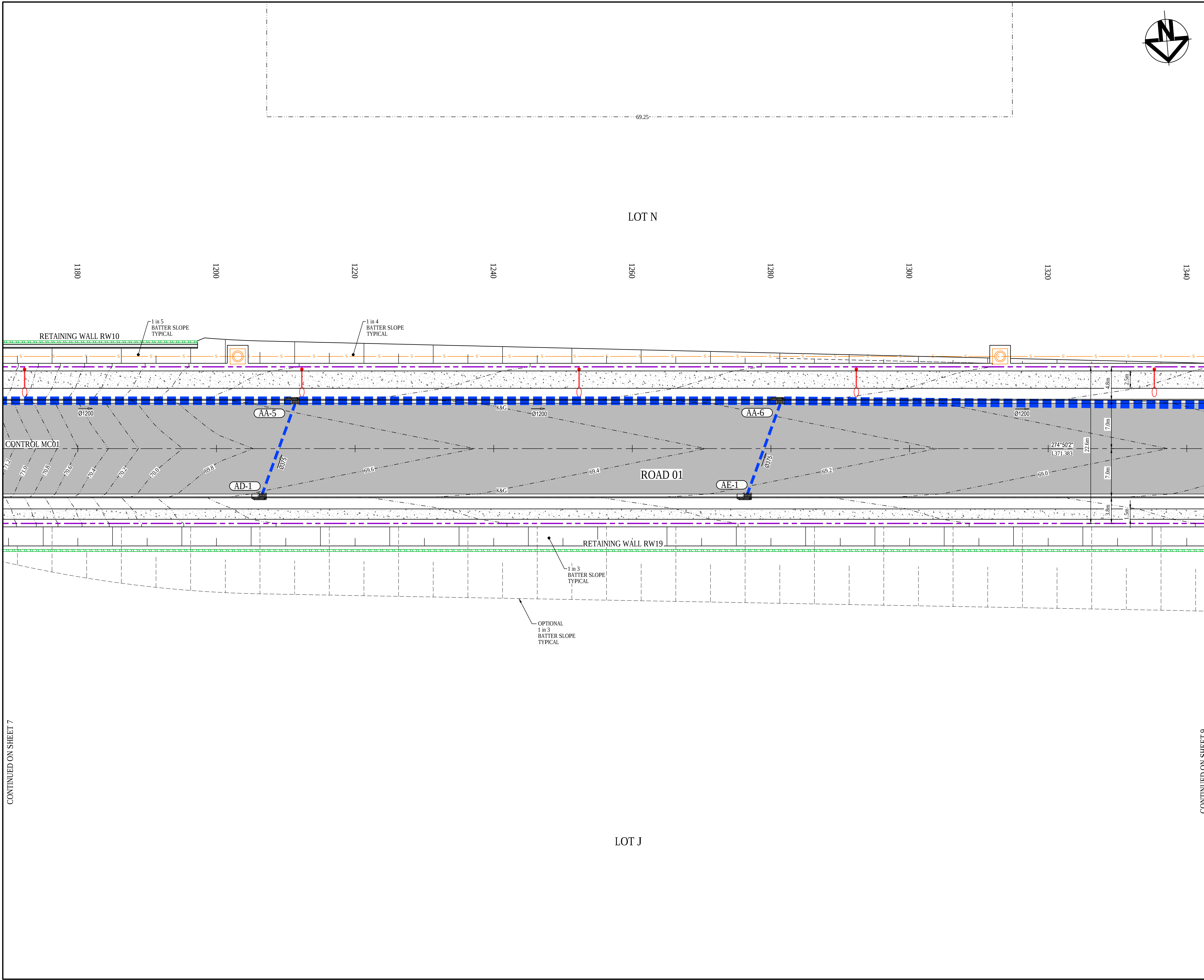
ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 7

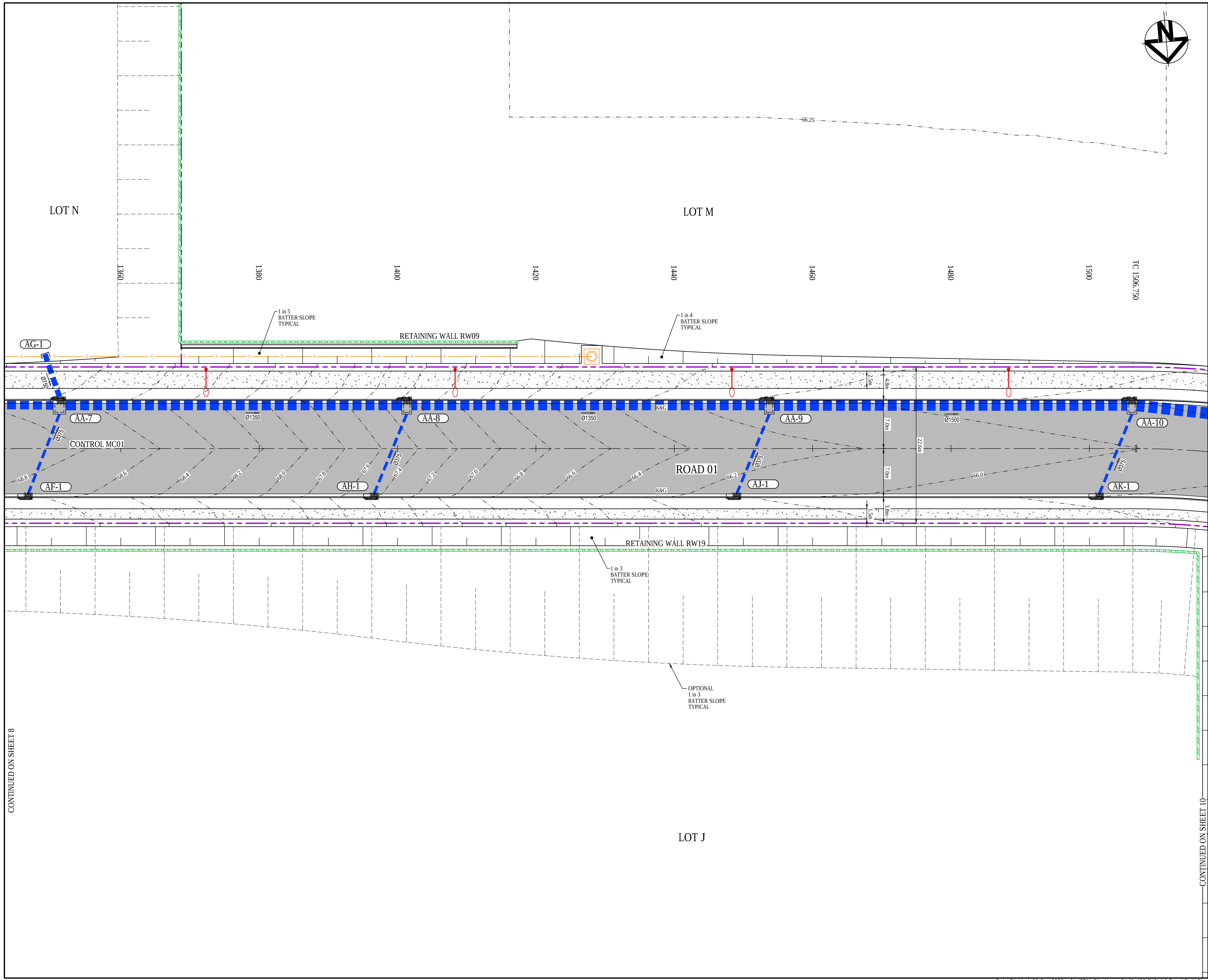
Drawing No.	Project No.	Issue
19-609-C1067	19-609	A

CONTINUED ON SHEET 6

CONTINUED ON SHEET 8

Date Plotted: 30 Sep 2020 - 04:10PM File Name: F:\19-609 FKC\6.0 Drgs\Civil\Final\SSDA\1000_Infrastructure Package\19-609-C1067.dwg V1





KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- PROPOSED STORMWATER PIPE WITH SIZE
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- PROPOSED HEADWALL
- BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- FUTURE WORKS
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

0 5 10 15 20m

1 : 250 @ A1 1 : 500 @ A3

Status	FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 250	Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	GDA94 MGA56	Approved	

Client 19-609-C1069.dwg

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Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

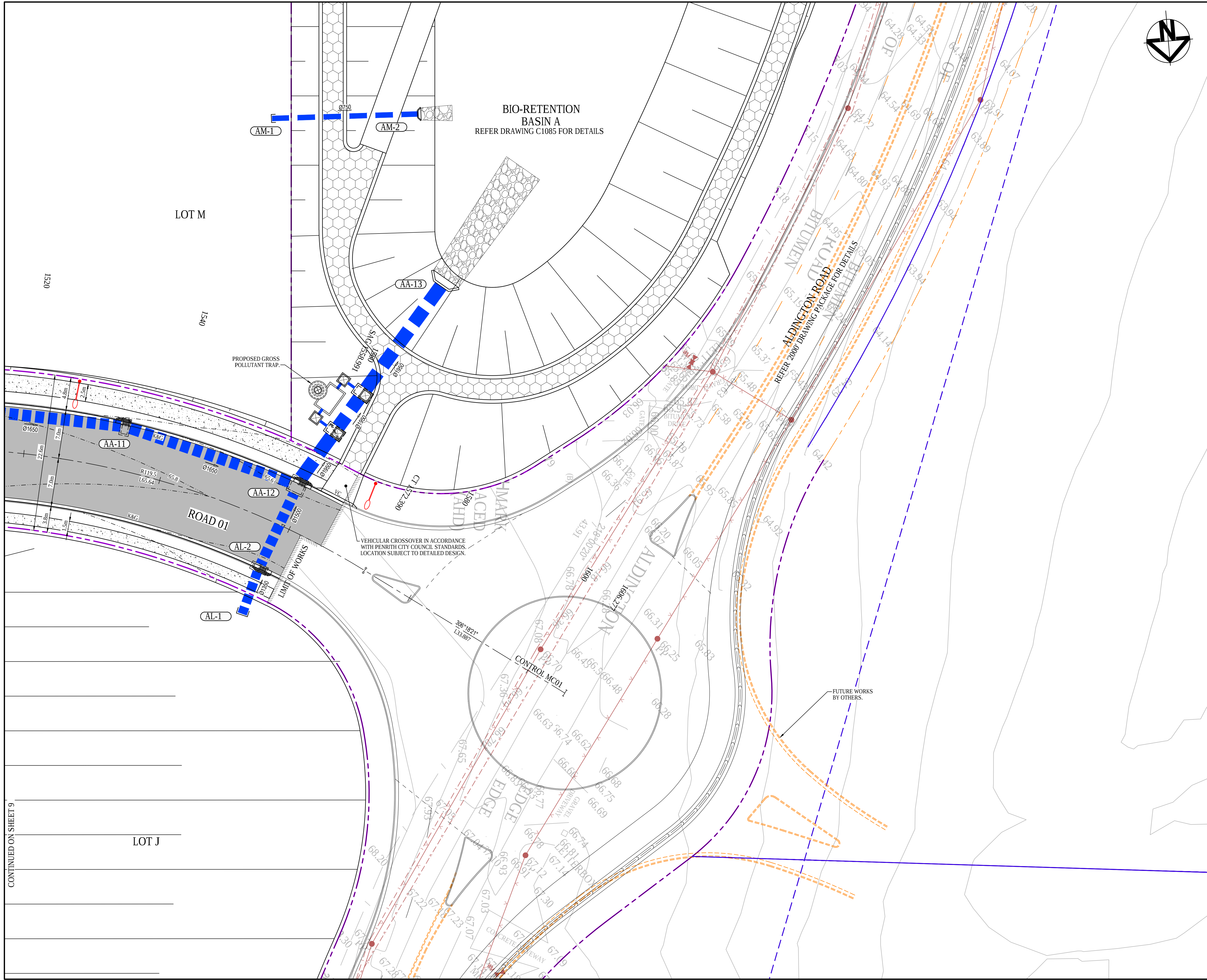
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ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 9

Drawing No.	Project No.	Issue
19-609-C1069	19-609	A

CONTINUED ON SHEET 8

CONTINUED ON SHEET 10



KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED SEWER
- FUTURE WORKS
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

0 5 10 15 20m

1 : 250 @ A1 1 : 500 @ A3

Status	FOR APPROVAL		A1
	NOT TO BE USED FOR CONSTRUCTION		
Scales	1 : 250	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1070.dwg

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Project

**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

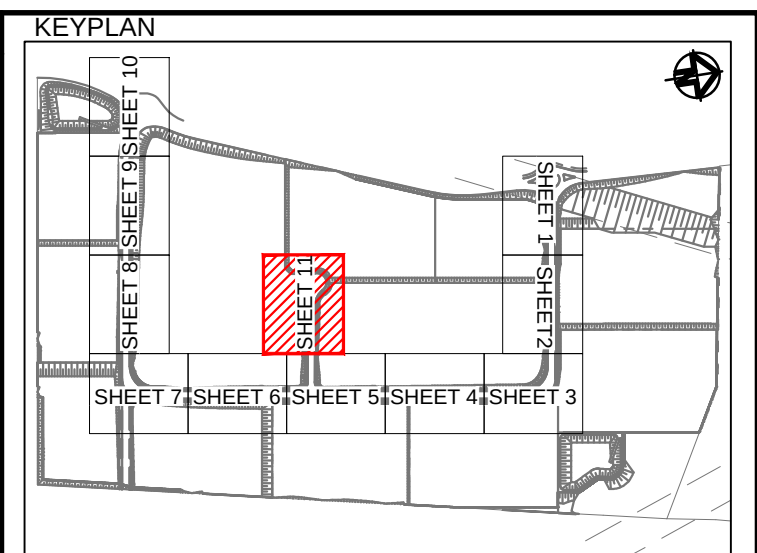
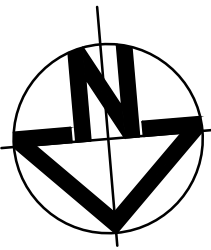
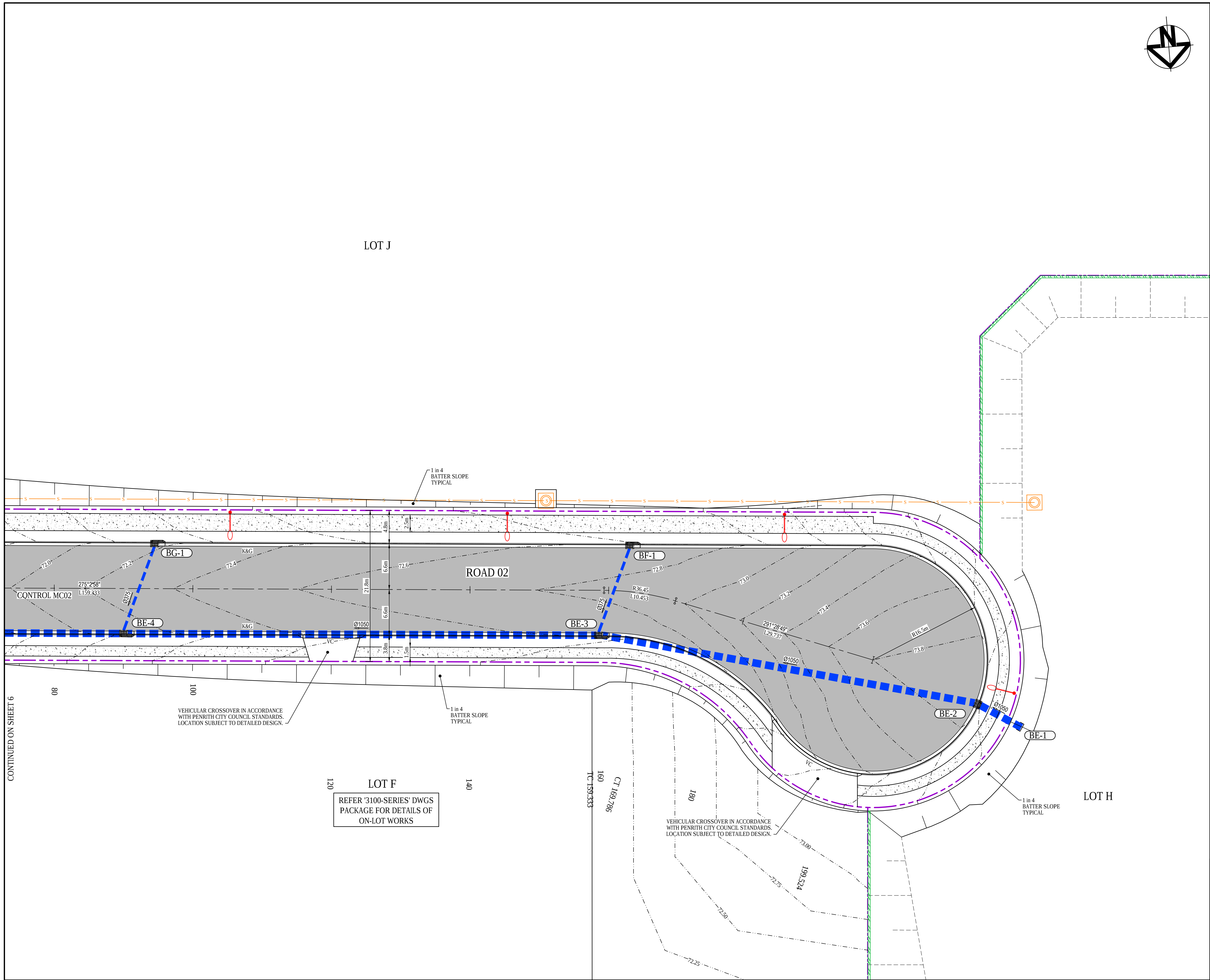
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**ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 10**

Drawing No.	Project No.	Issue
19-609-C1070	19-609	A

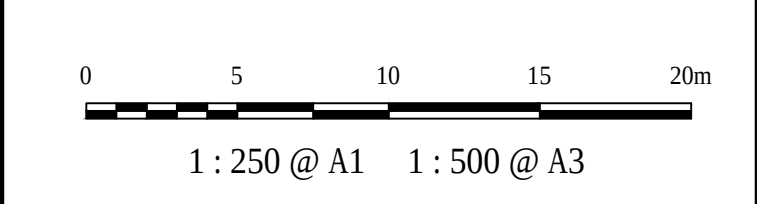
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Date Plotted: 30 Sep 2020 - 06:55PM File Name: F:\19-609 FKC\6.0 Drgs\Civil\Final\SSDA\1000_Infrastructure Package\19-609-C1070.dwg V1



LEGEND	
	EXISTING BOUNDARY
	EXISTING EASEMENT
	EXISTING CONTOUR
	PROPOSED BOUNDARY
	PROPOSED CONTOUR
	PROPOSED KERB AND GUTTER
	SWALE
	PROPOSED STORMWATER PIPE WITH SIZE
	PROPOSED KERB INLET PIT
	PROPOSED HEADWALL
	BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
	PROPOSED STORMWATER PIT NUMBER
	PROPOSED RETAINING WALL - FILL
	PROPOSED RETAINING WALL - CUT
	PROPOSED SEWER
	FUTURE WORKS
	PROPOSED FLEXIBLE ROAD PAVEMENT
	PROPOSED CONCRETE FOOTPATH
	3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date



Status		FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION				
Scales	1 : 250	Drawn GB		
		Designed GB		
Height Datum	AHD	Checked AM		
Grid	GDA94 MGA56	Approved		

Client 19-609-C1071.dwg



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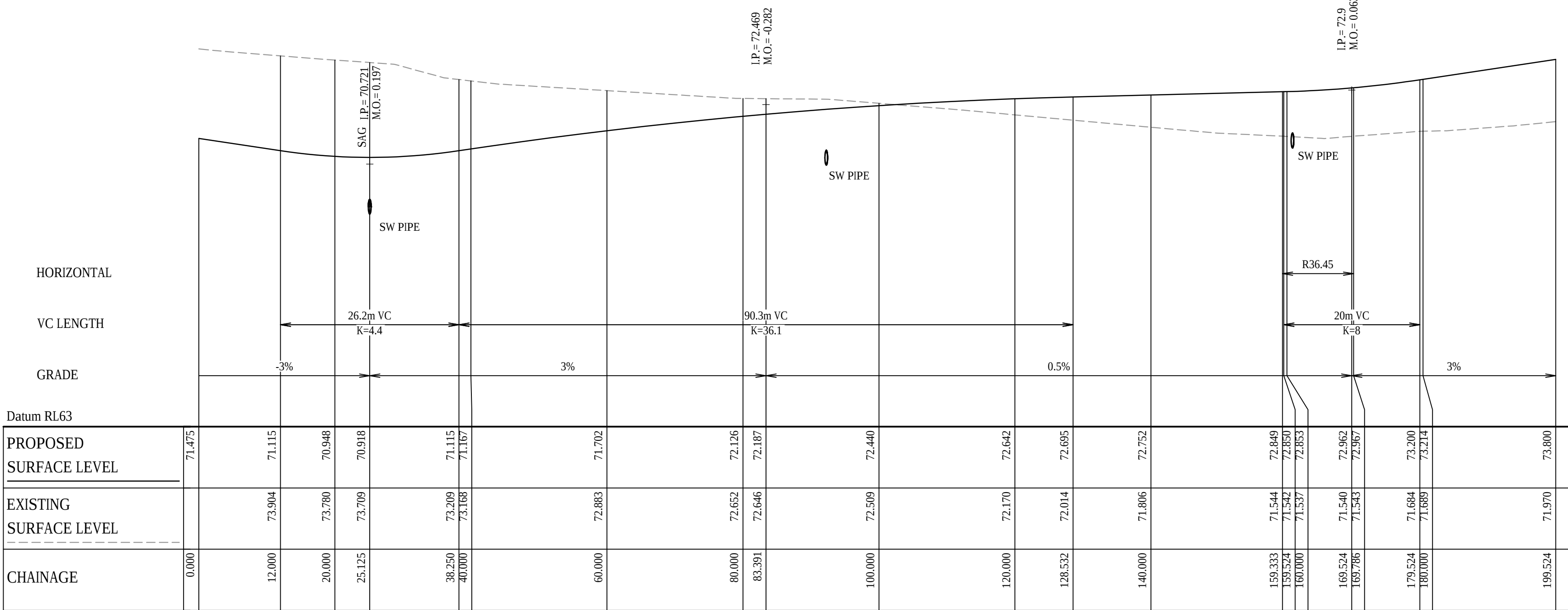
Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title
**ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 11**

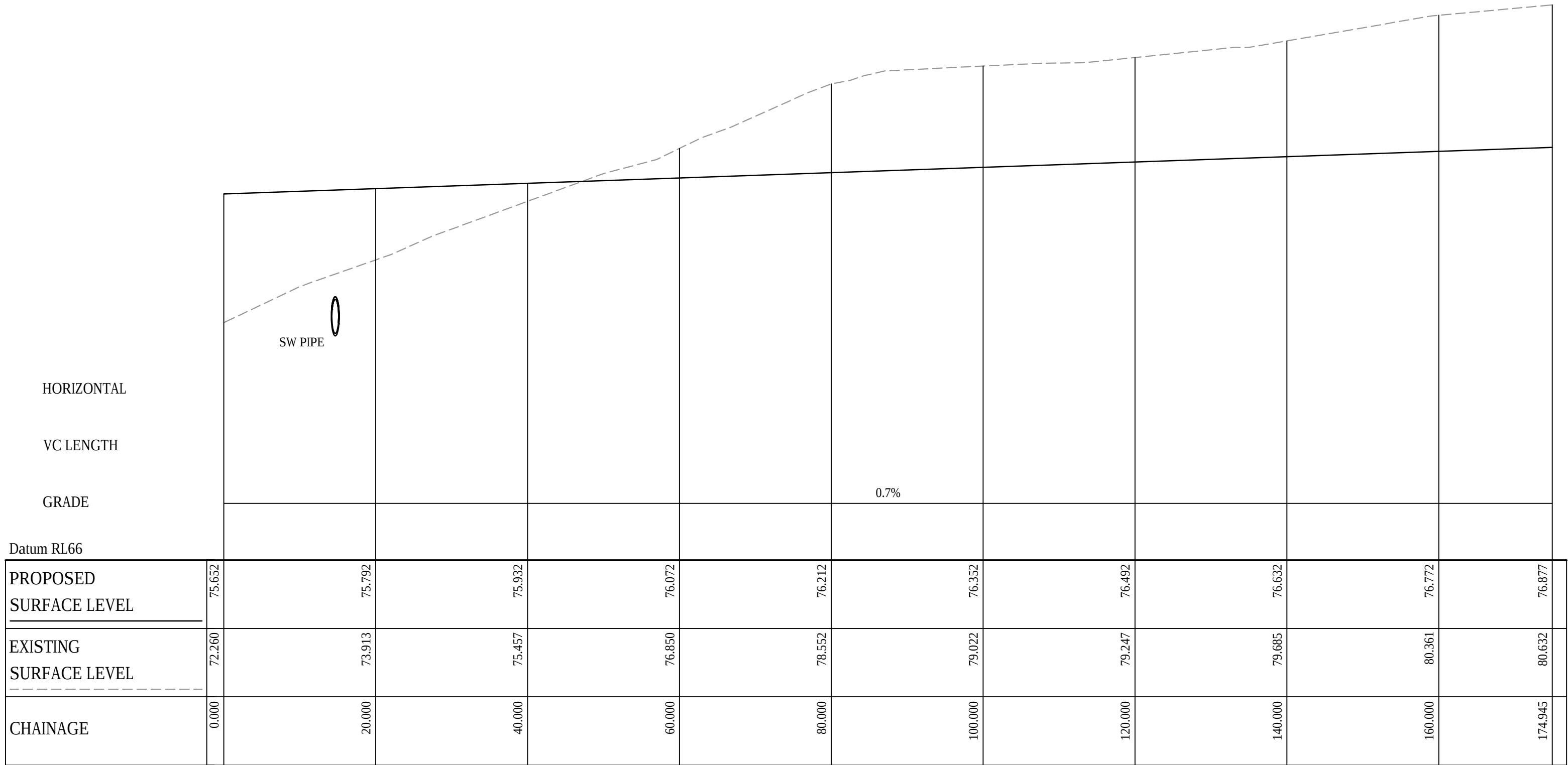
Drawing No. 19-609-C1071	Project No. 19-609	Issue A
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Drawing No.	Project No.	Issue
19-609-C1077	19-609	A

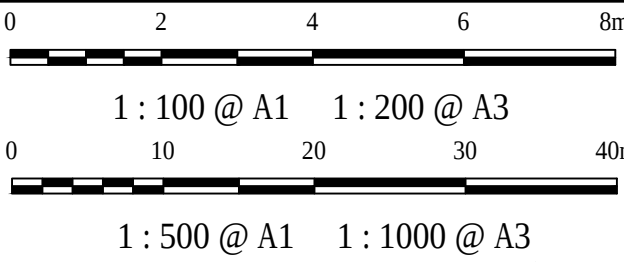


ROAD 02 (MC02) LONGITUDINAL SECTION
SCALE 1:500 HORI.
1:100 VERT.



FUTURE ROAD 04 (MC04) LONGITUDINAL SECTION
SCALE 1:500 HORI.
1:100 VERT.

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	1 : 100 V 1 : 500 H	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client: 19-609-C1078.dwg



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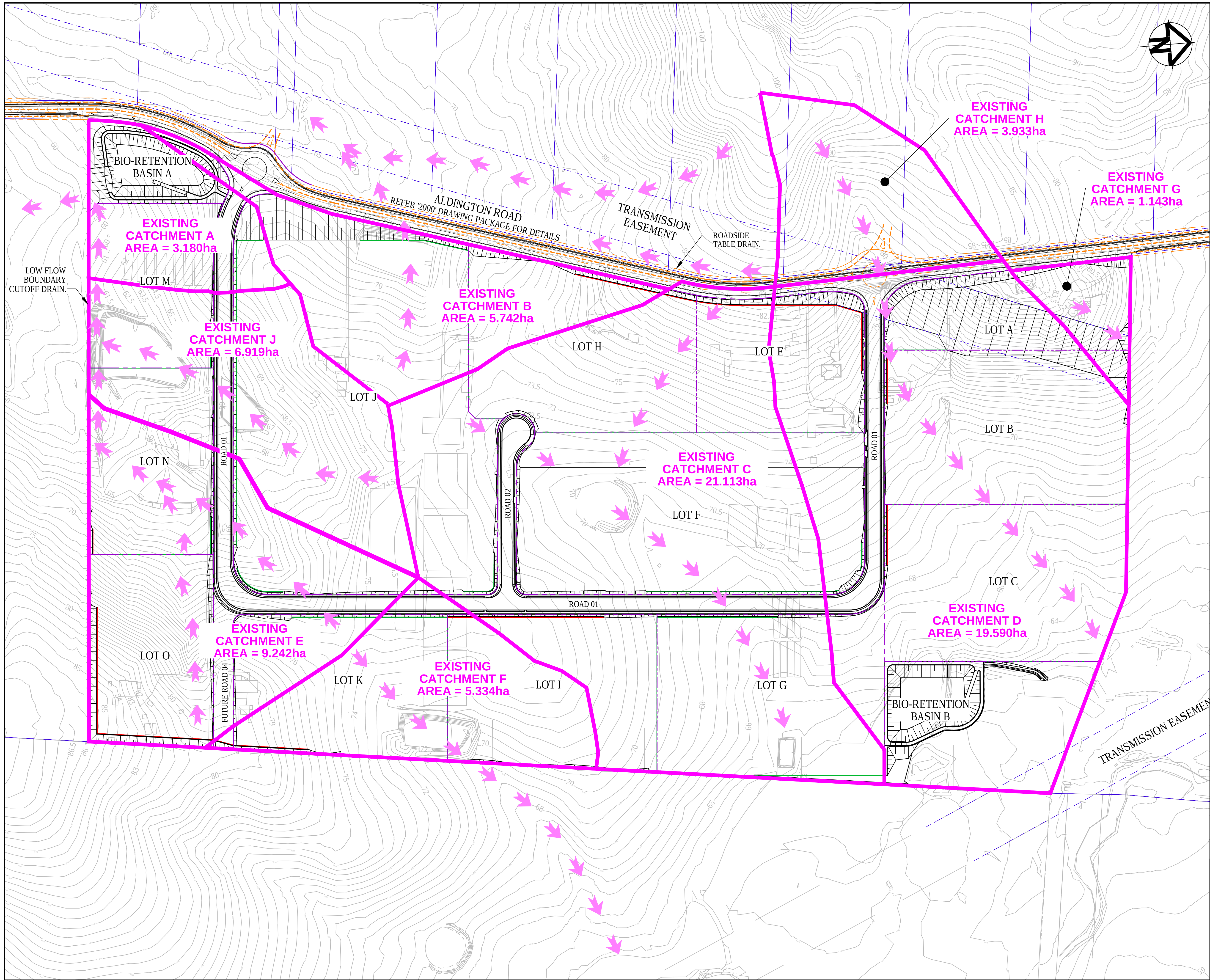
Project

**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

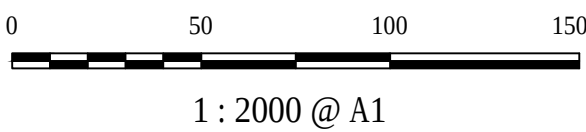
Title

**ROAD LONGITUDINAL
SECTIONS
SHEET 4**

Drawing No.	Project No.	Issue
19-609-C1078	19-609	A



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	1 : 2000	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1080.dwg

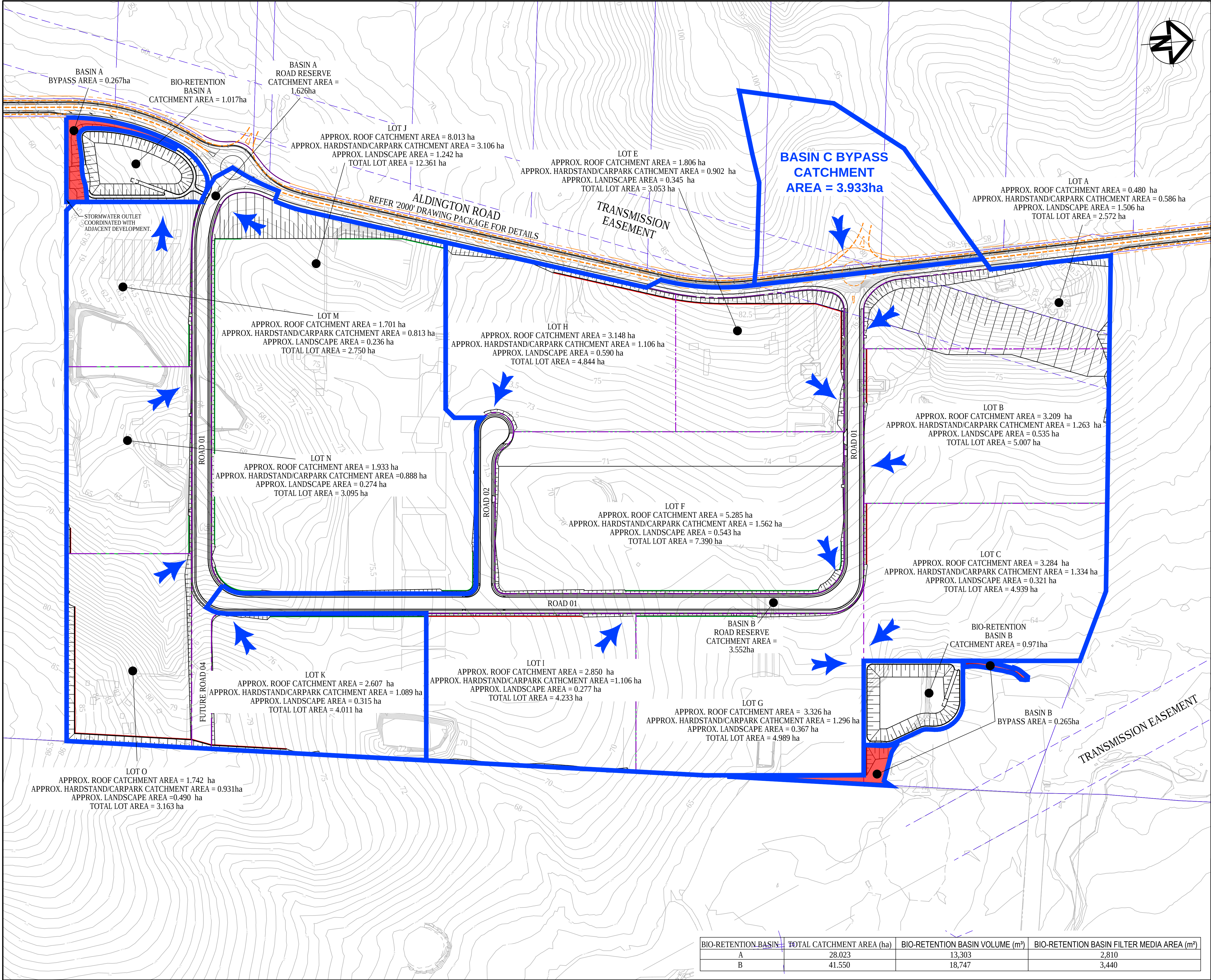


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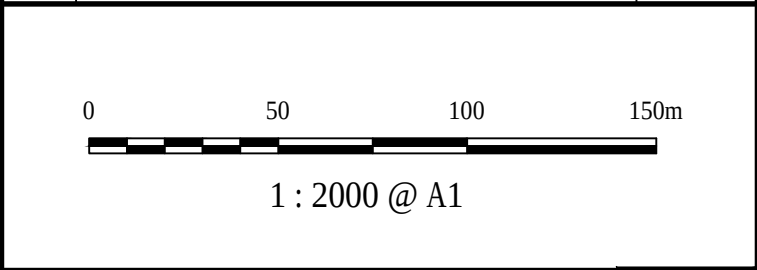
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title
**STORMWATER DRAINAGE
CATCHMENT PLAN
(PRE-DEVELOPED)**

Drawing No. 19-609-C1080	Project No. 19-609	Issue A
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A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date



Status	FOR APPROVAL		A1
	NOT TO BE USED FOR CONSTRUCTION		
Scales	1 : 2000	Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	GDA94 MGA56	Approved	

Client 19-609-C1081.dwg



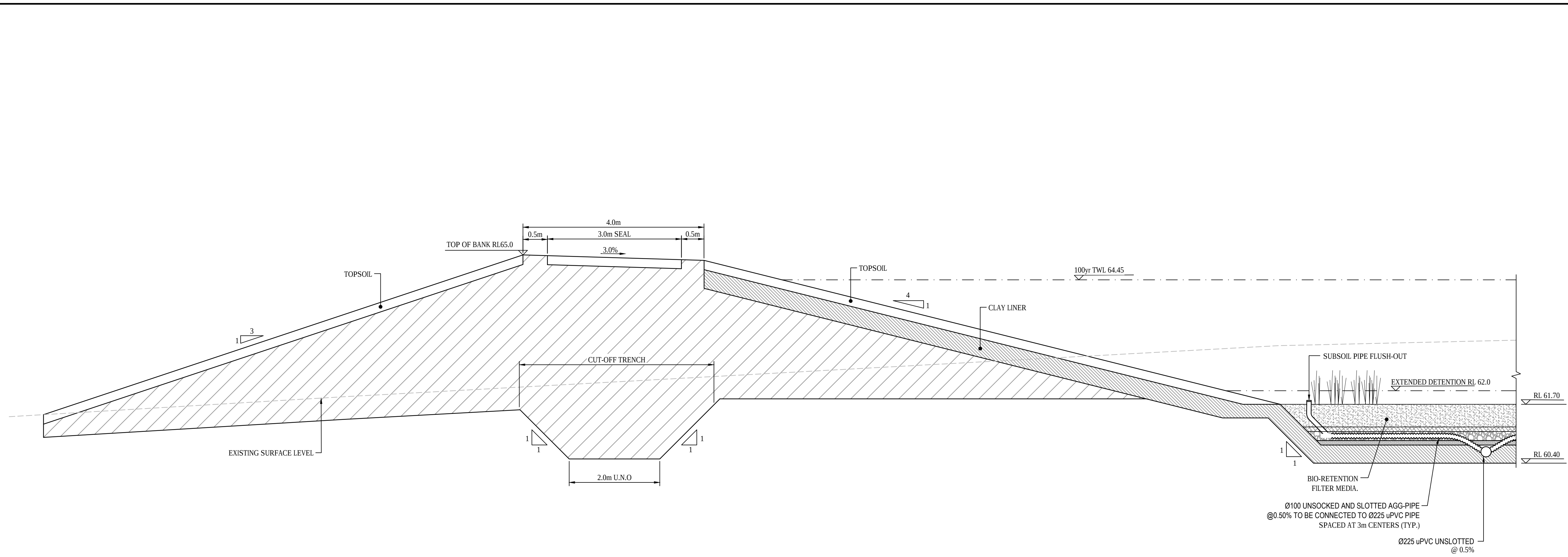
Civil Engineers and Project Managers



Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

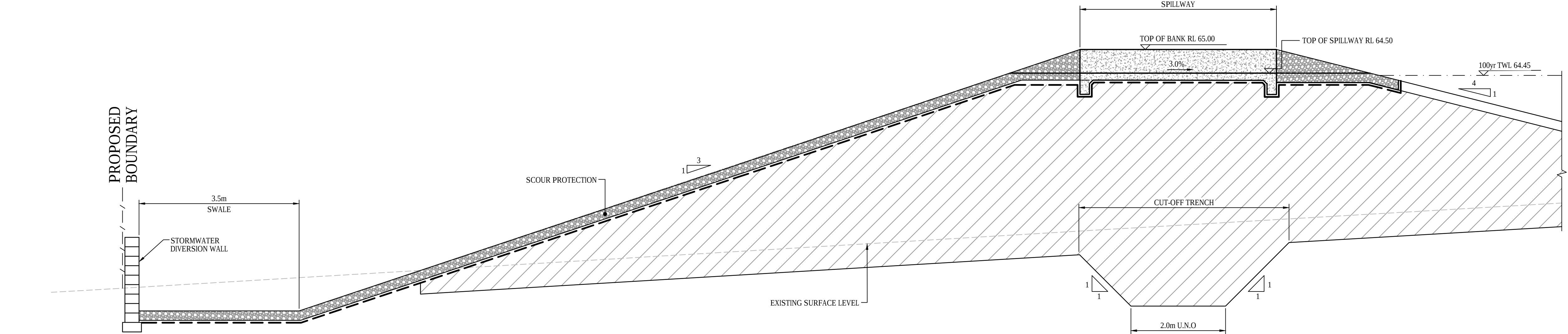
Title
**STORMWATER DRAINAGE CATCHMENT PLAN
(POST-DEVELOPED)**

BIO-RETENTION BASIN	TOTAL CATCHMENT AREA (ha)	BIO-RETENTION BASIN VOLUME (m³)	BIO-RETENTION BASIN FILTER MEDIA AREA (m²)
A	28.023	13,303	2,810
B	41.550	18,747	3,440



TYPICAL SECTION BIO-RETENTION BASIN A

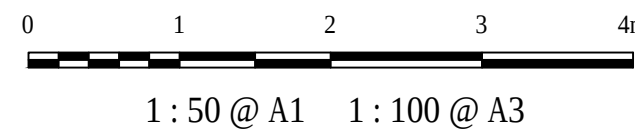
SECTION 1
1 : 50



TYPICAL SECTION BIO-RETENTION BASIN A

SECTION 2
1 : 50

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	1 : 50	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1086.dwg

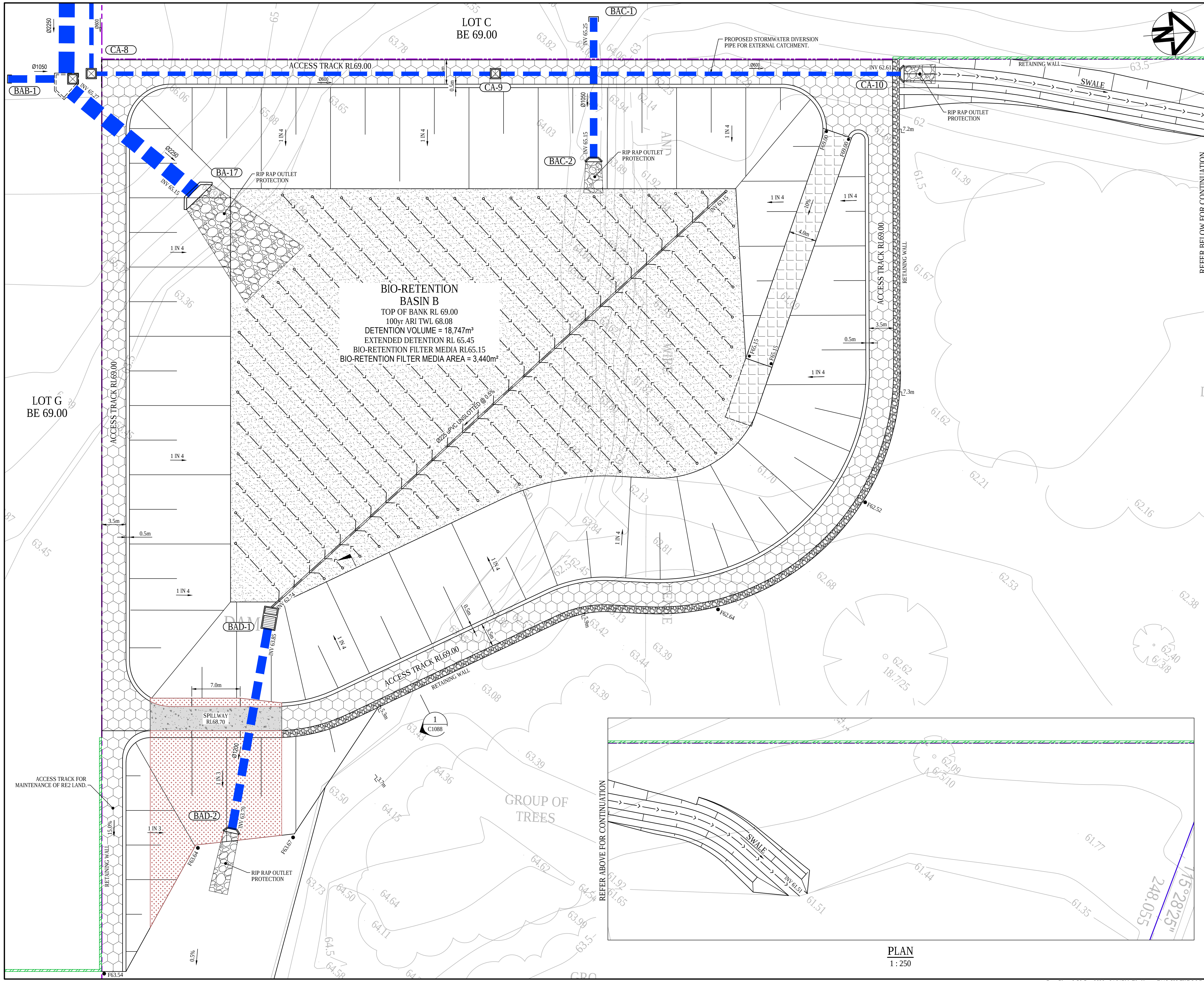


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Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title
**BIO-RETENTION BASIN A
SECTIONS**

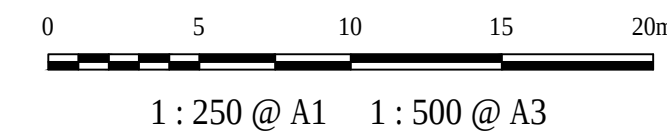
Drawing No. 19-609-C1086	Project No. 19-609	Issue A
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LEGEND

- BASIN FILTER MEDIA
- SCOUR PROTECTION
- SCOUR PROTECTION
- MAINTENANCE TRACK
- MAINTENANCE DRIVEWAY
- REINFORCED CONCRETE WEIR
- Ø100mm UNSOCKETED AND SLOTTED uPVC

Issue	Description	Date
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	1 : 250	Drawn GB	
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Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1087.dwg

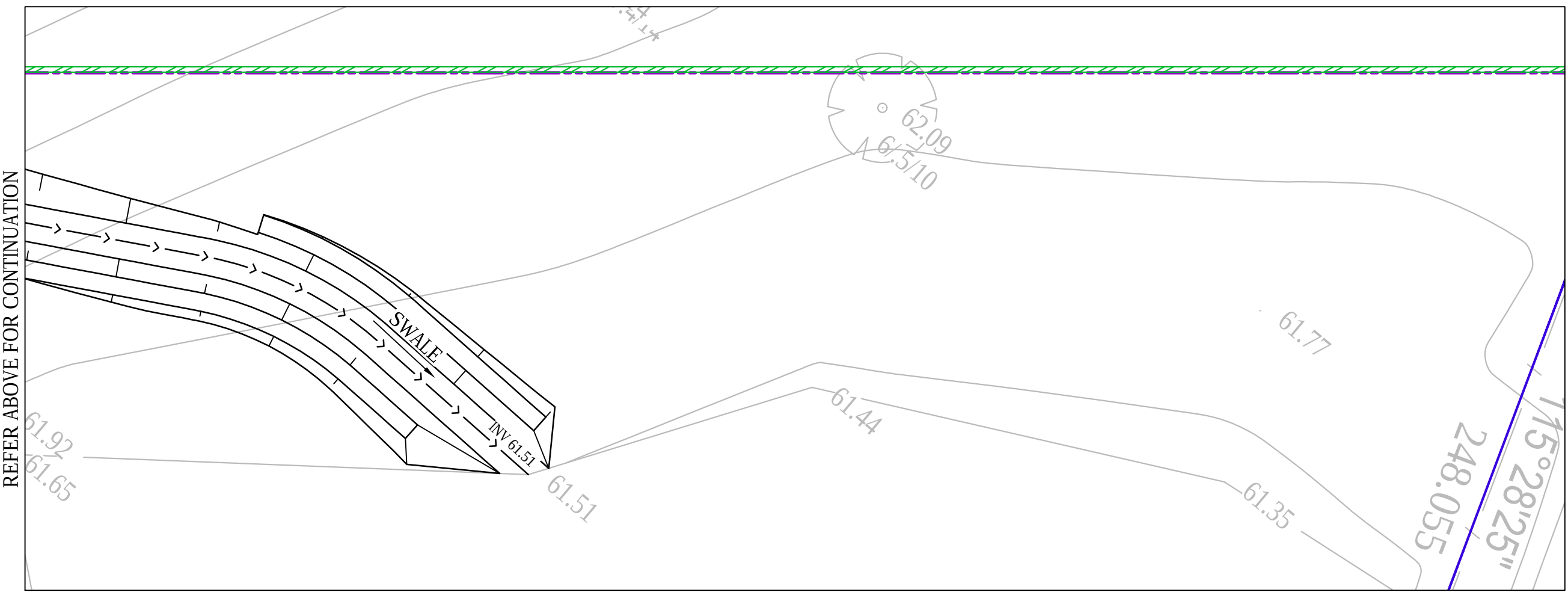


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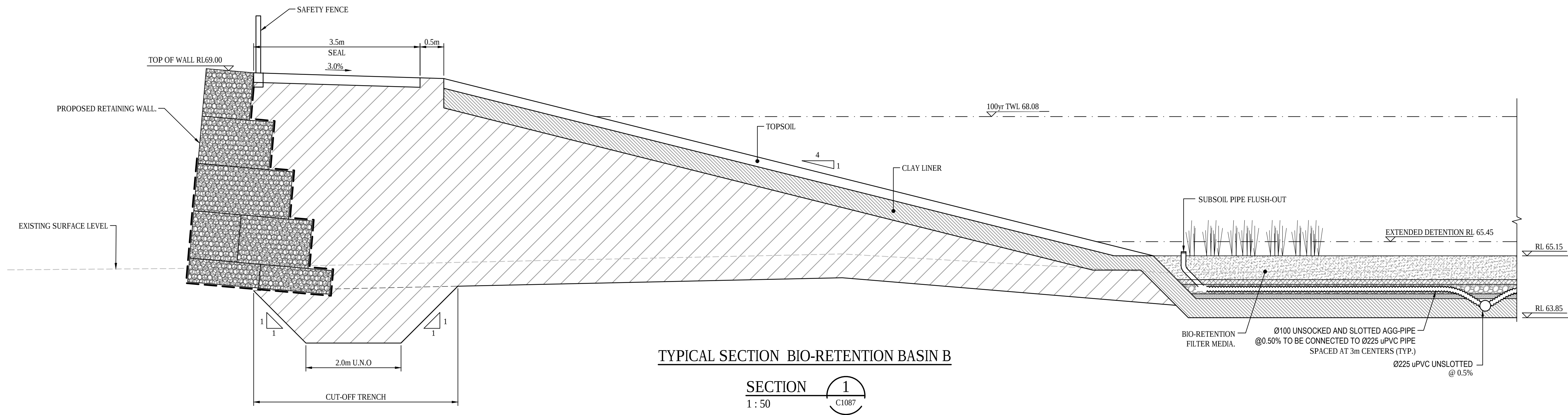
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title
**BIO-RETENTION BASIN B
DETAIL PLAN**

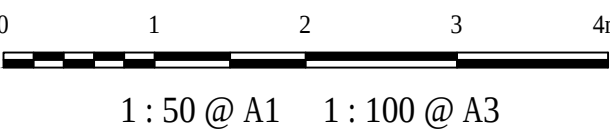
Drawing No. 19-609-C1087	Project No. 19-609	Issue A
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PLAN
1 : 250



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	1 : 50	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1088.dwg



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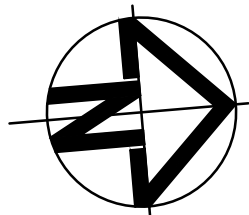
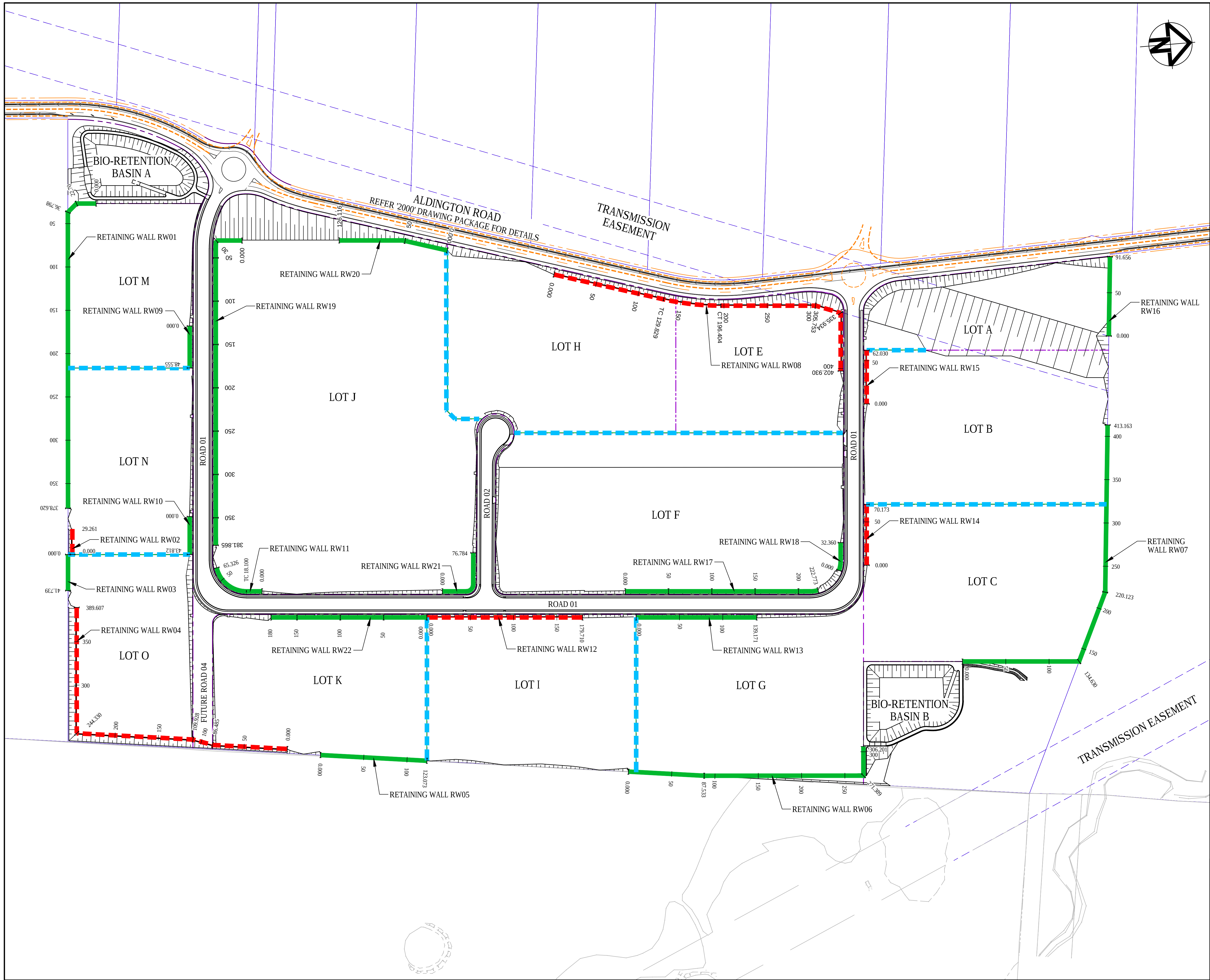
Project

PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON

Title

BIO-RETENTION BASIN B
SECTIONS

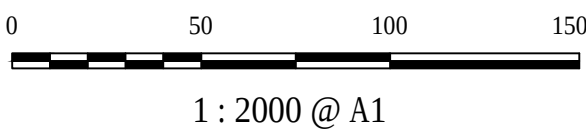
Drawing No.	Project No.	Issue
19-609-C1088	19-609	A



LEGEND

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

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	1 : 2000			
Height Datum	AHD	Checked AM		
Grid	GDA94 MGA56	Approved		

Client 19-609-C1090.dwg

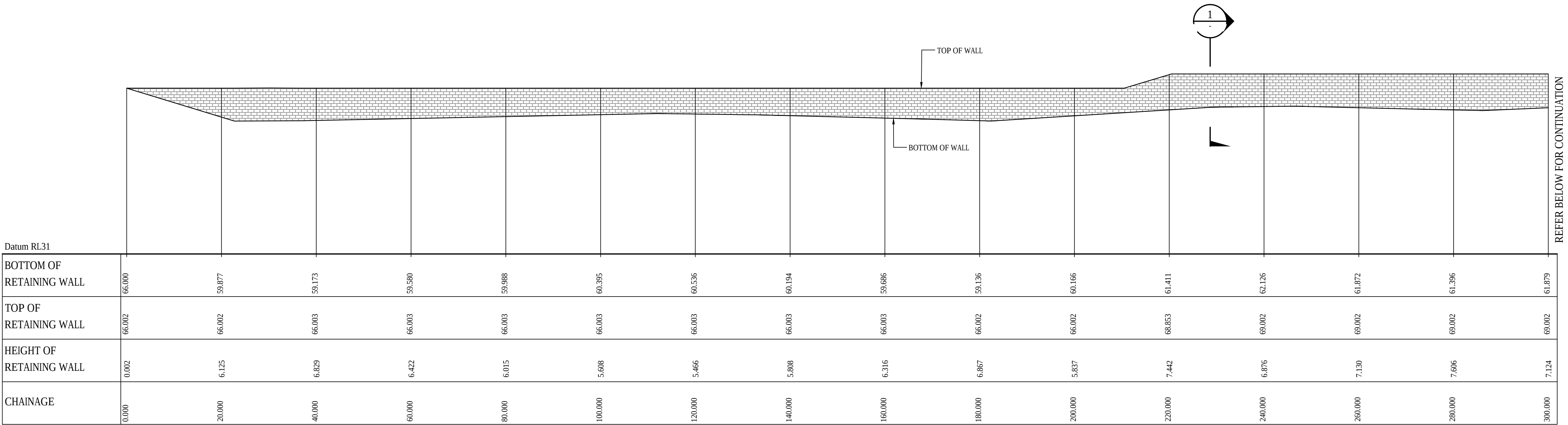


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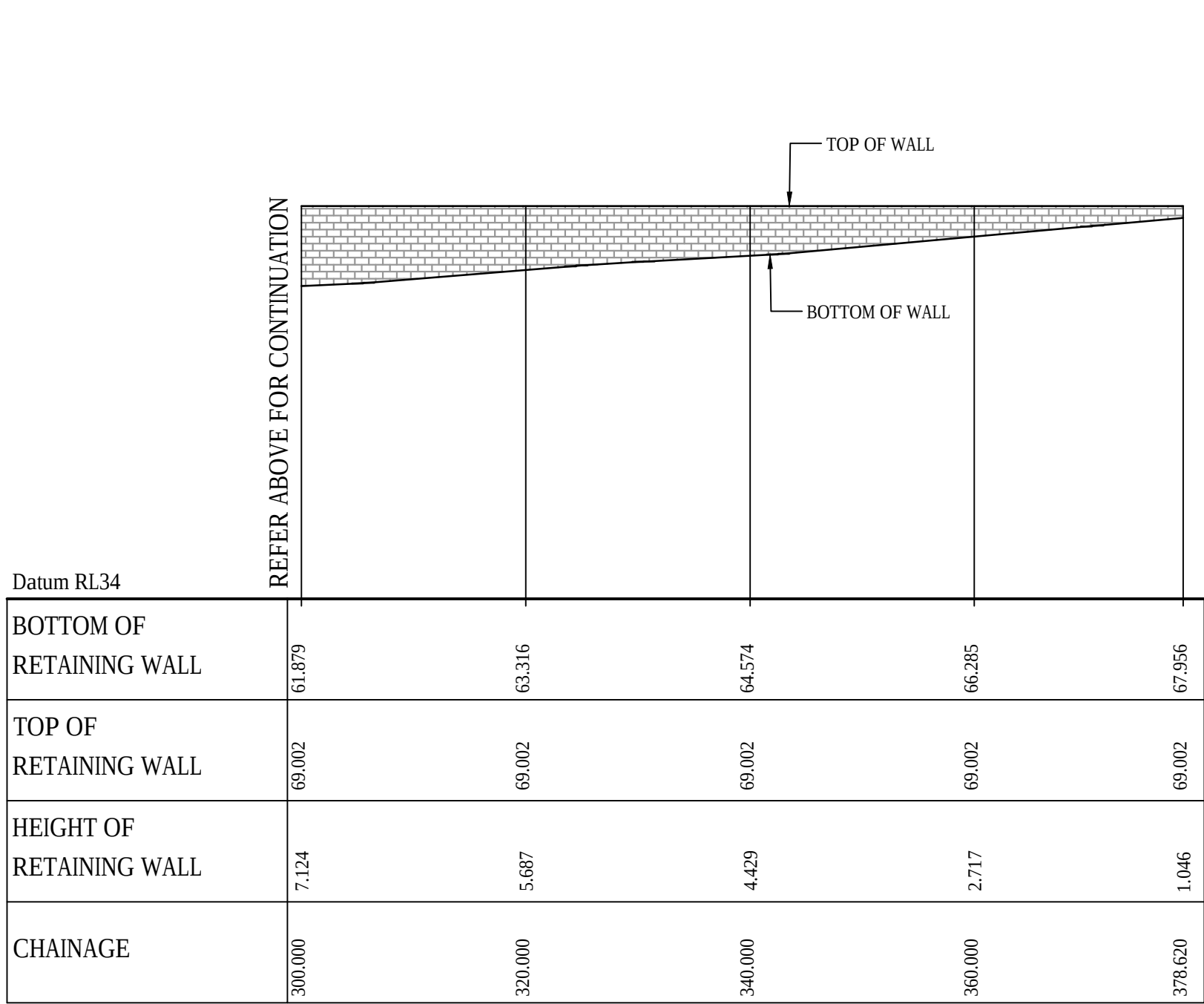
Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title
**RETAINING WALL
GENERAL ARRANGEMENT
PLAN**

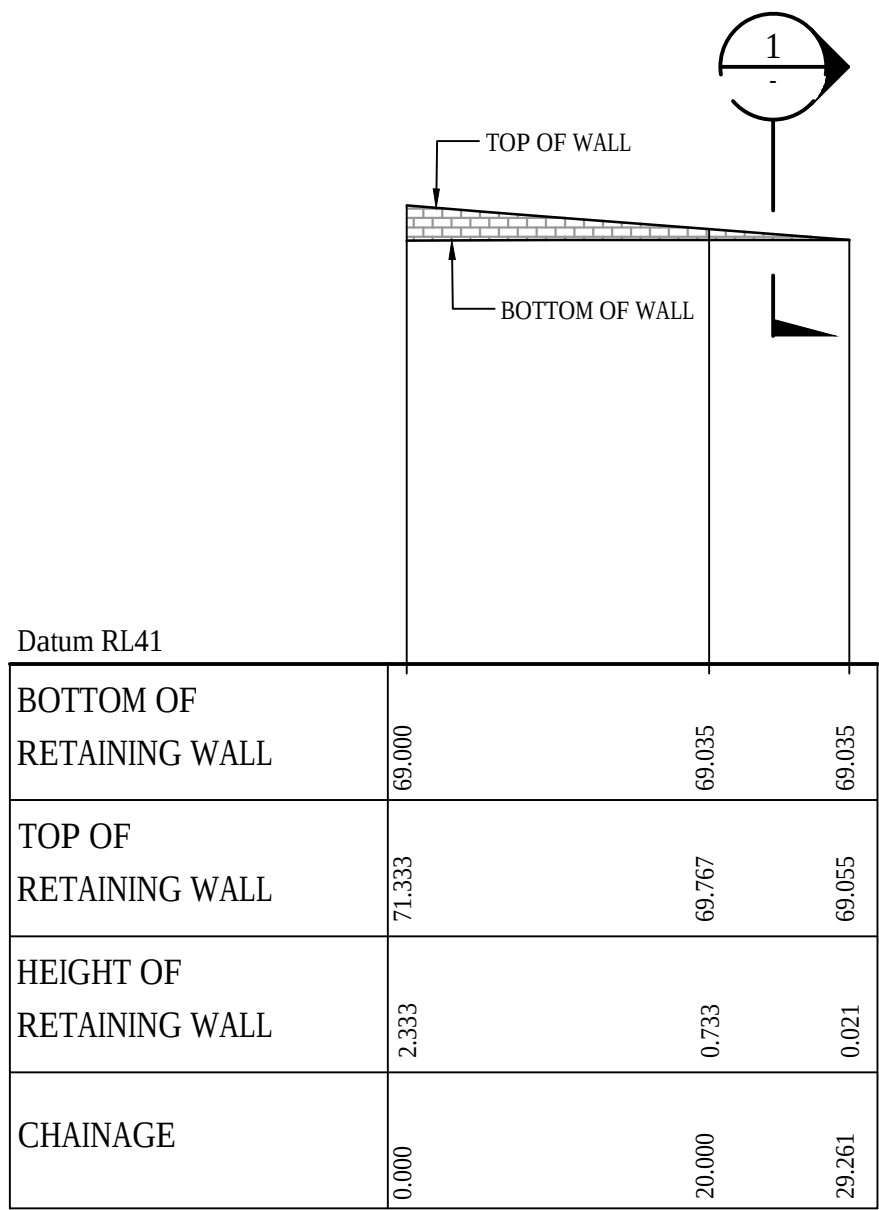
Drawing No. 19-609-C1090	Project No. 19-609	Issue A
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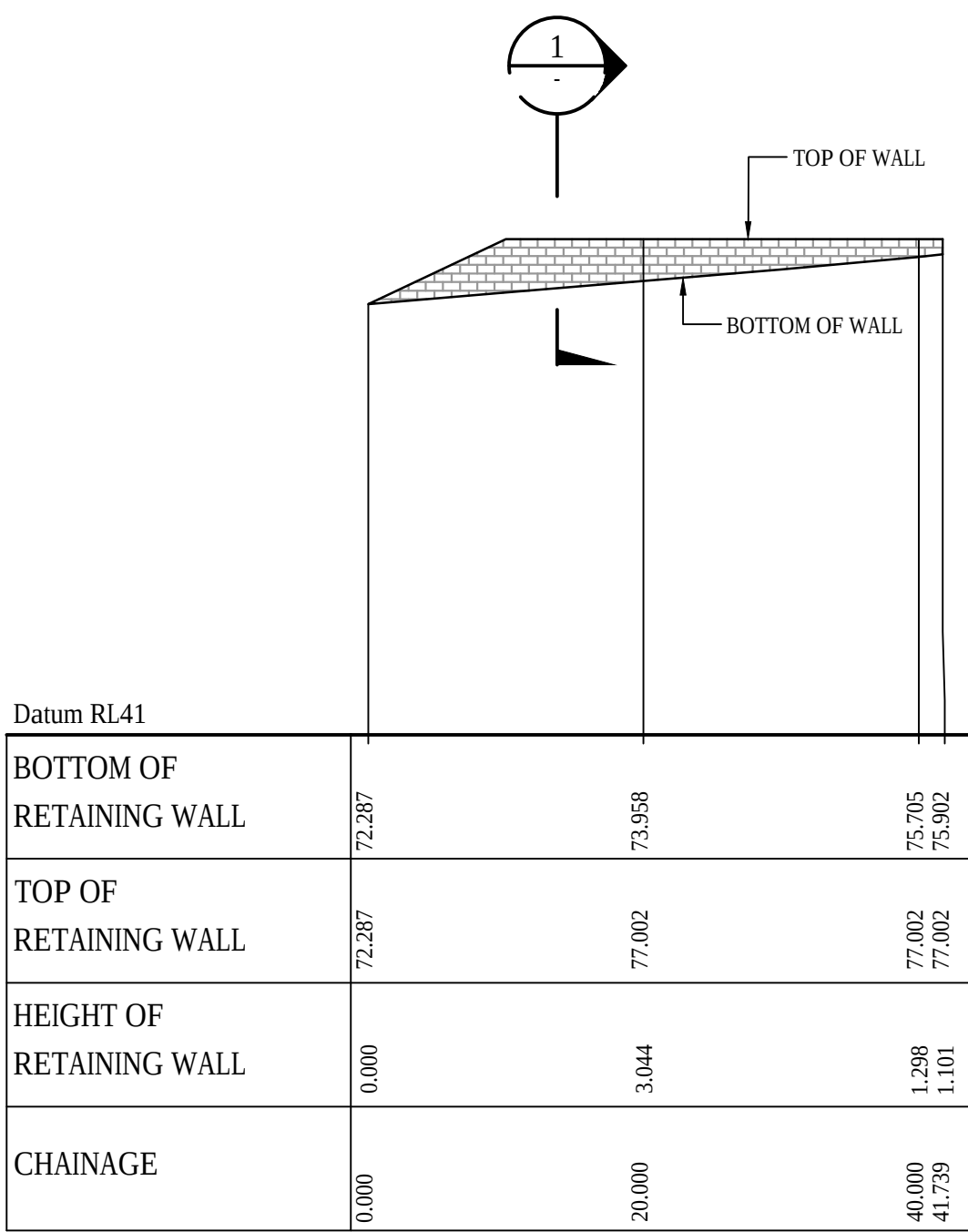
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SCALE 1:500 HORI.
1:500 VERT.



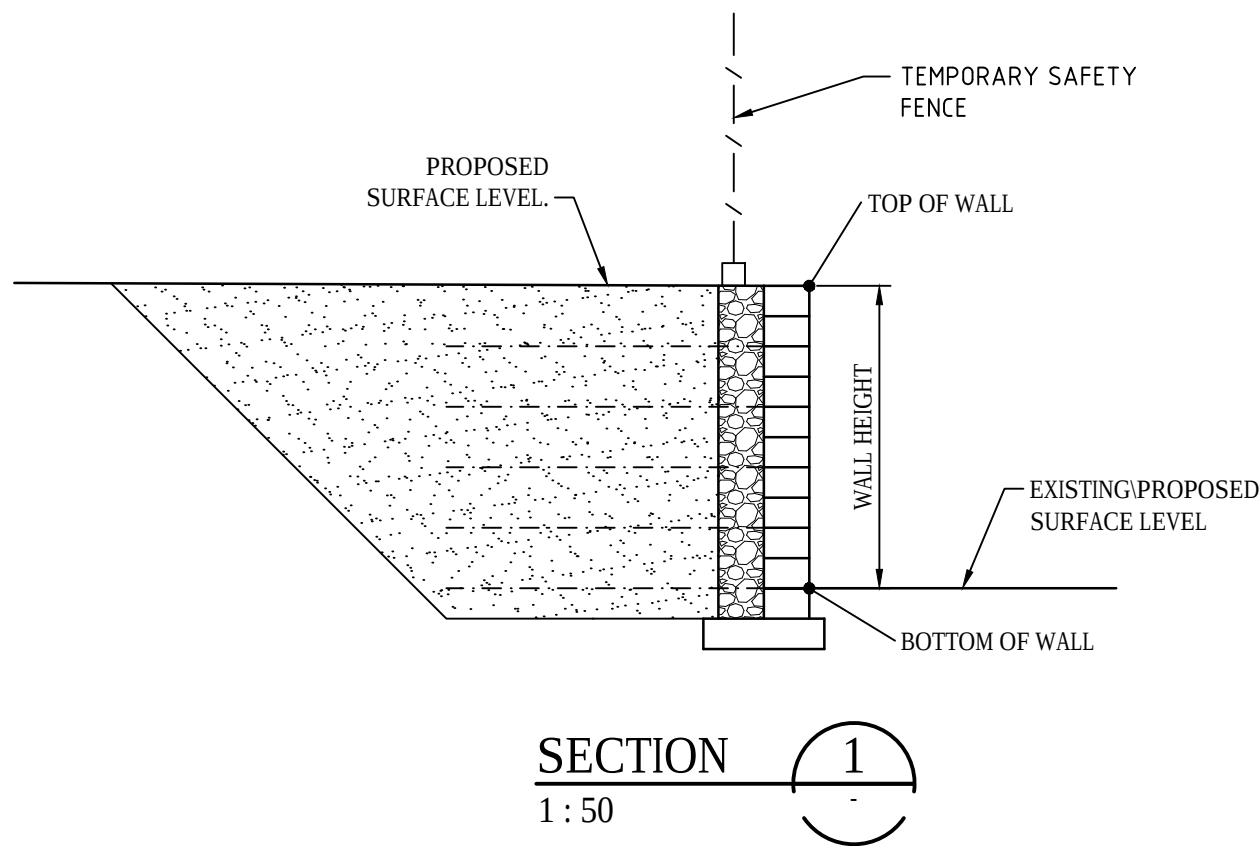
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SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL RW02 PROFILE
SCALE 1:500 HORI.
1:500 VERT.

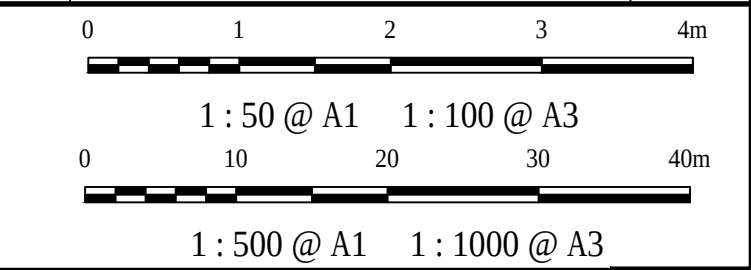


RETAINING WALL RW03 PROFILE
SCALE 1:500 HORI.
1:500 VERT.



ALL FINISHED LEVELS ARE ±2000mm U.N.O

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	1 : 500	Drawn GB Designed GB
Height Datum	AHD	Checked AM
Grid	GDA94 MGA56	Approved

Client 19-609-C1091.dwg

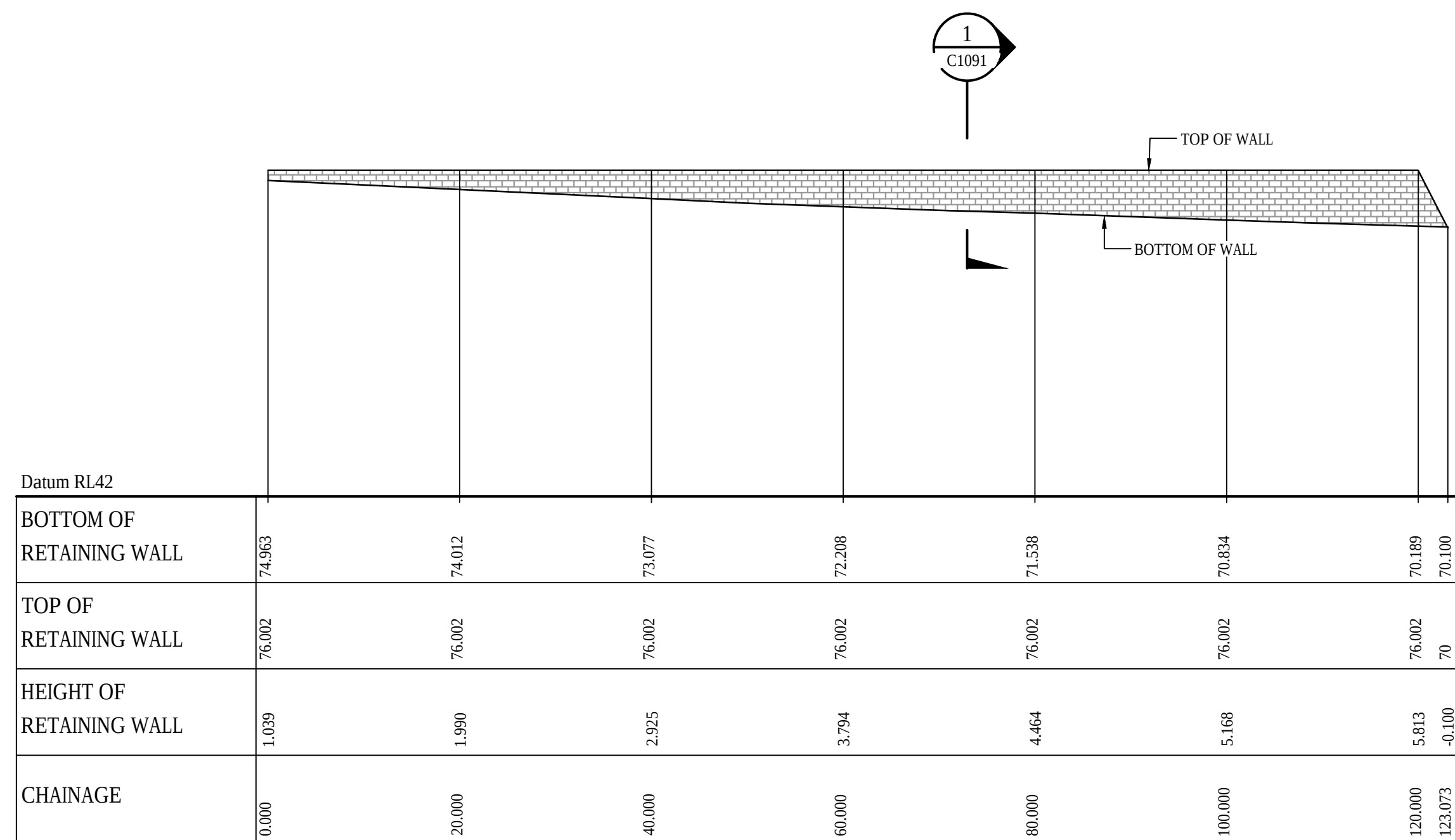
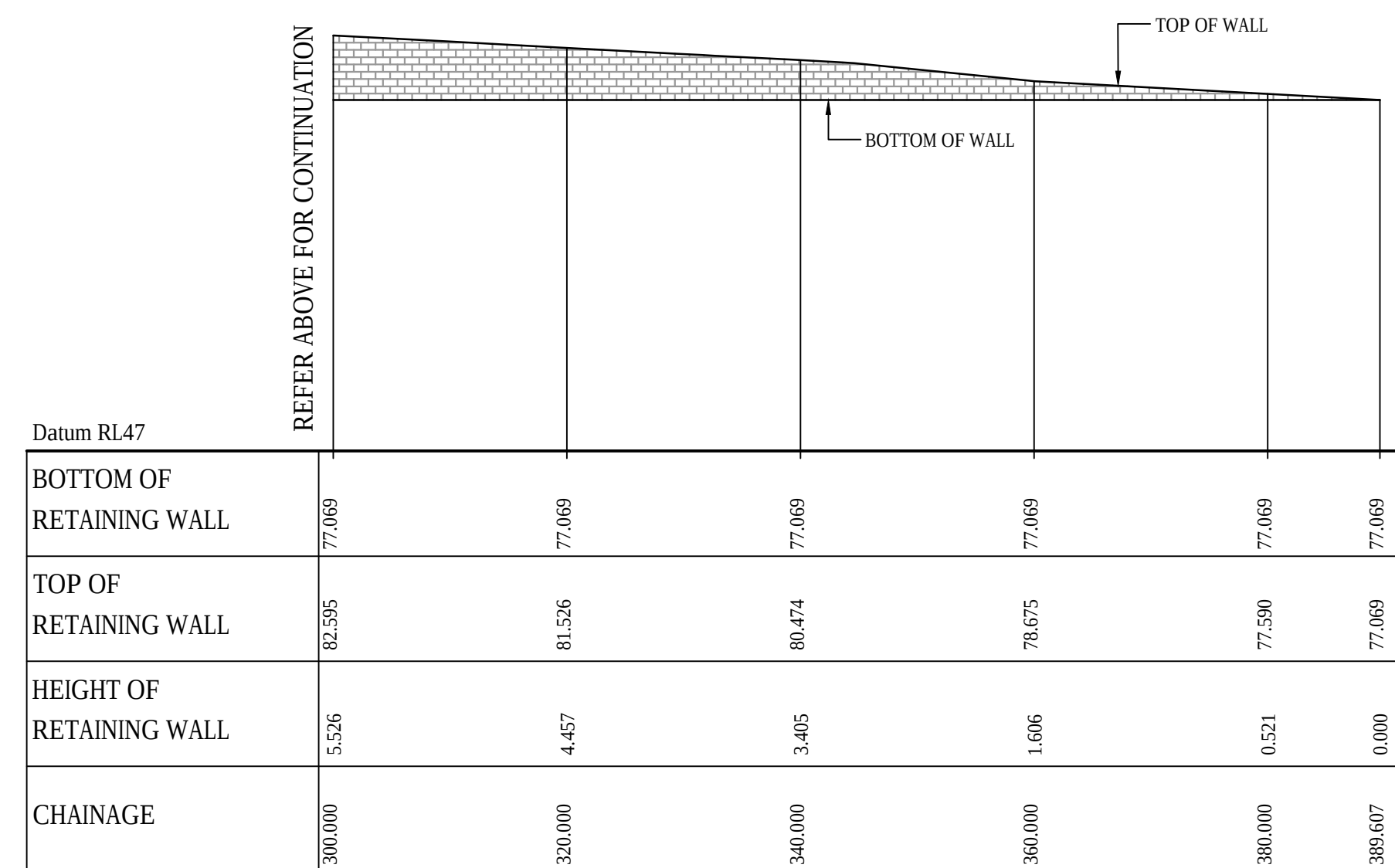
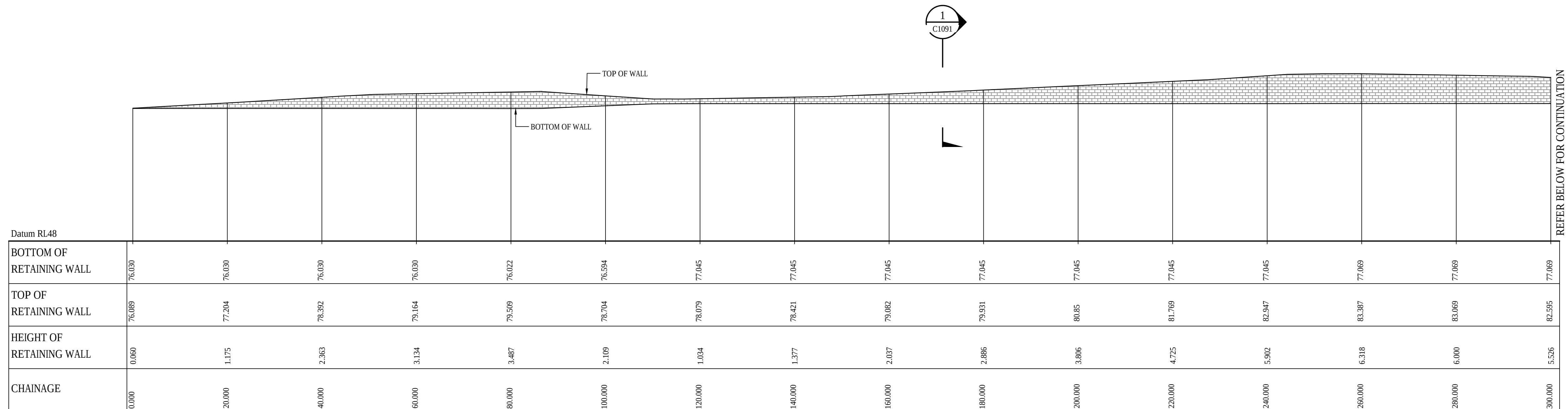


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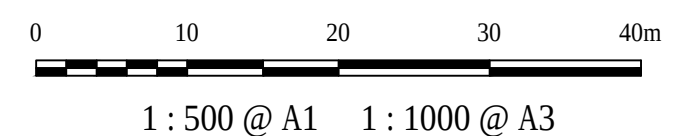
Title
**RETAINING WALL PROFILES
SHEET 1**

Drawing No. 19-609-C1091	Project No. 19-609	Issue A
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ALL FINISHED LEVELS ARE $\pm 2000\text{mm}$ U.N.O

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date



Status	FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 500	Drawn GB	
		Designed GB	
Height Datum		AHD	Checked AM
Grid	GDA94 MGA56	Approved	

Client	19-609-C1092.dwg
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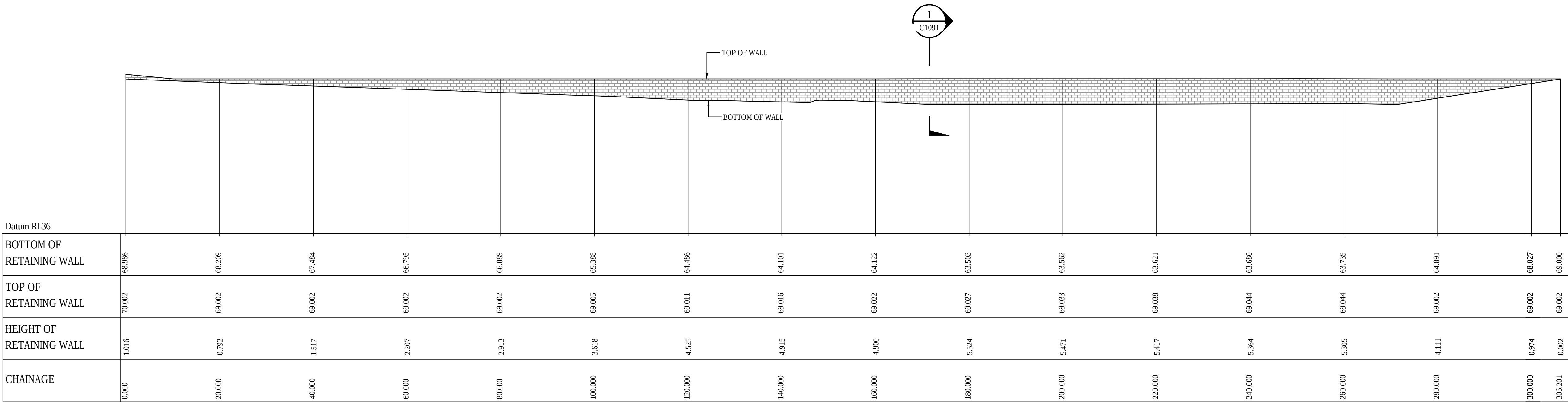
Project

PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON

Title

RETAINING WALL
PROFILES
SHEET 2

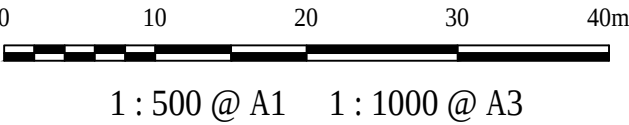
Drawing No.	Project No.	Issue
19-609-C1092	19-609	A



RETAINING WALL RW06 PROFILE
SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±2000mm U.N.O

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	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1093.dwg



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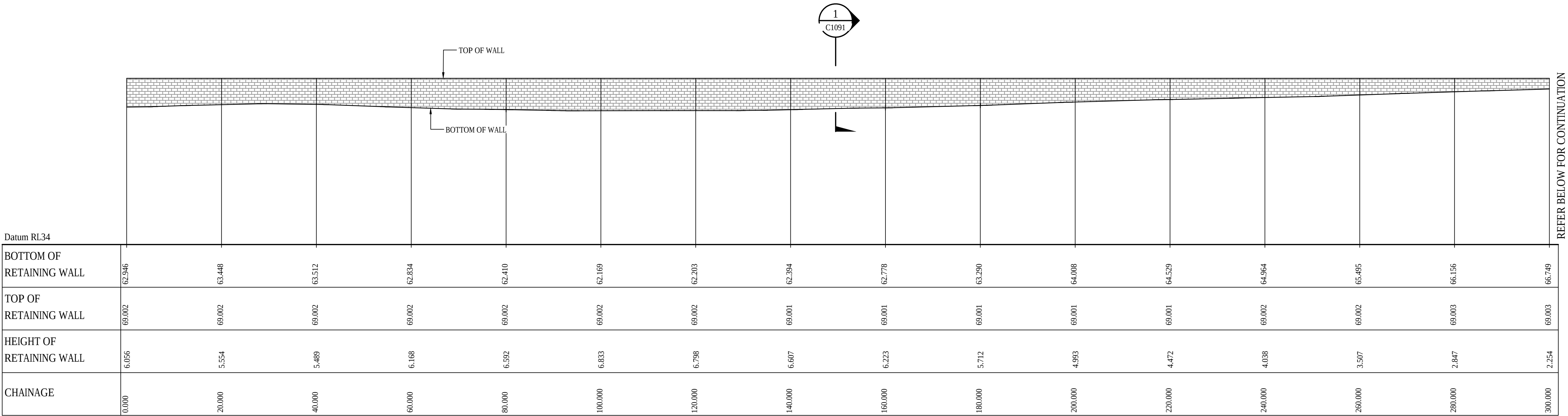
Project

PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON

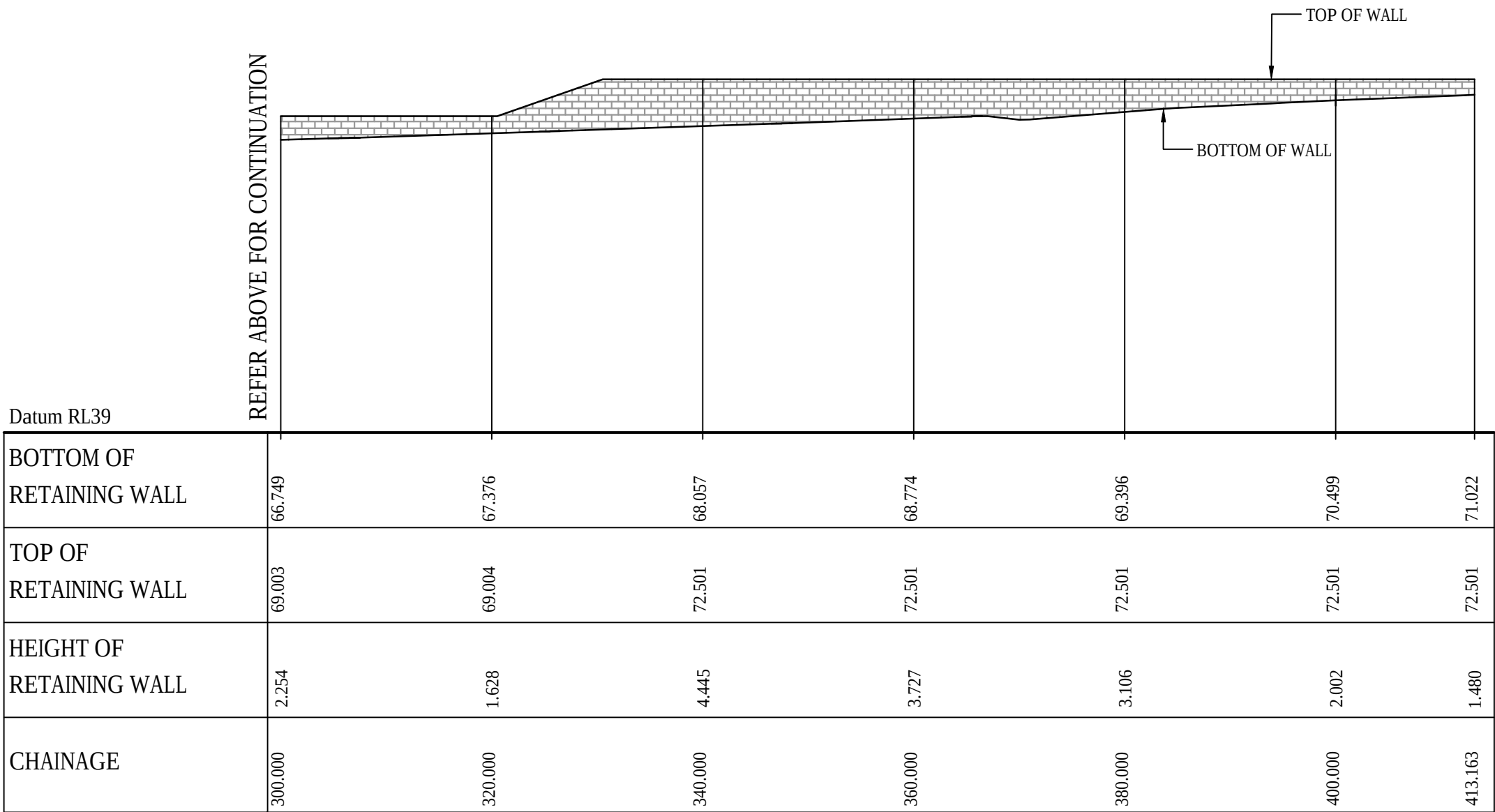
Title

RETAINING WALL
PROFILES
SHEET 3

Drawing No. 19-609-C1093	Project No. 19-609	Issue A
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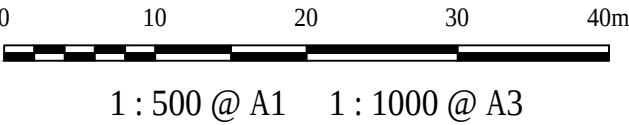
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SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL RW07 PROFILE
SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±2000mm U.N.O

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	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1094.dwg



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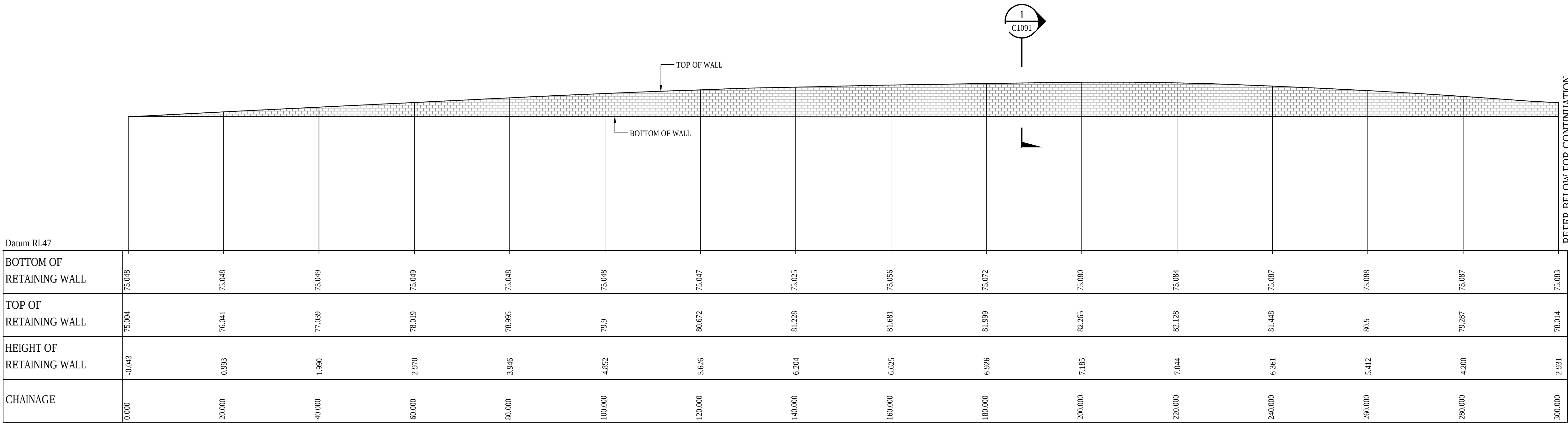
Project

PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON

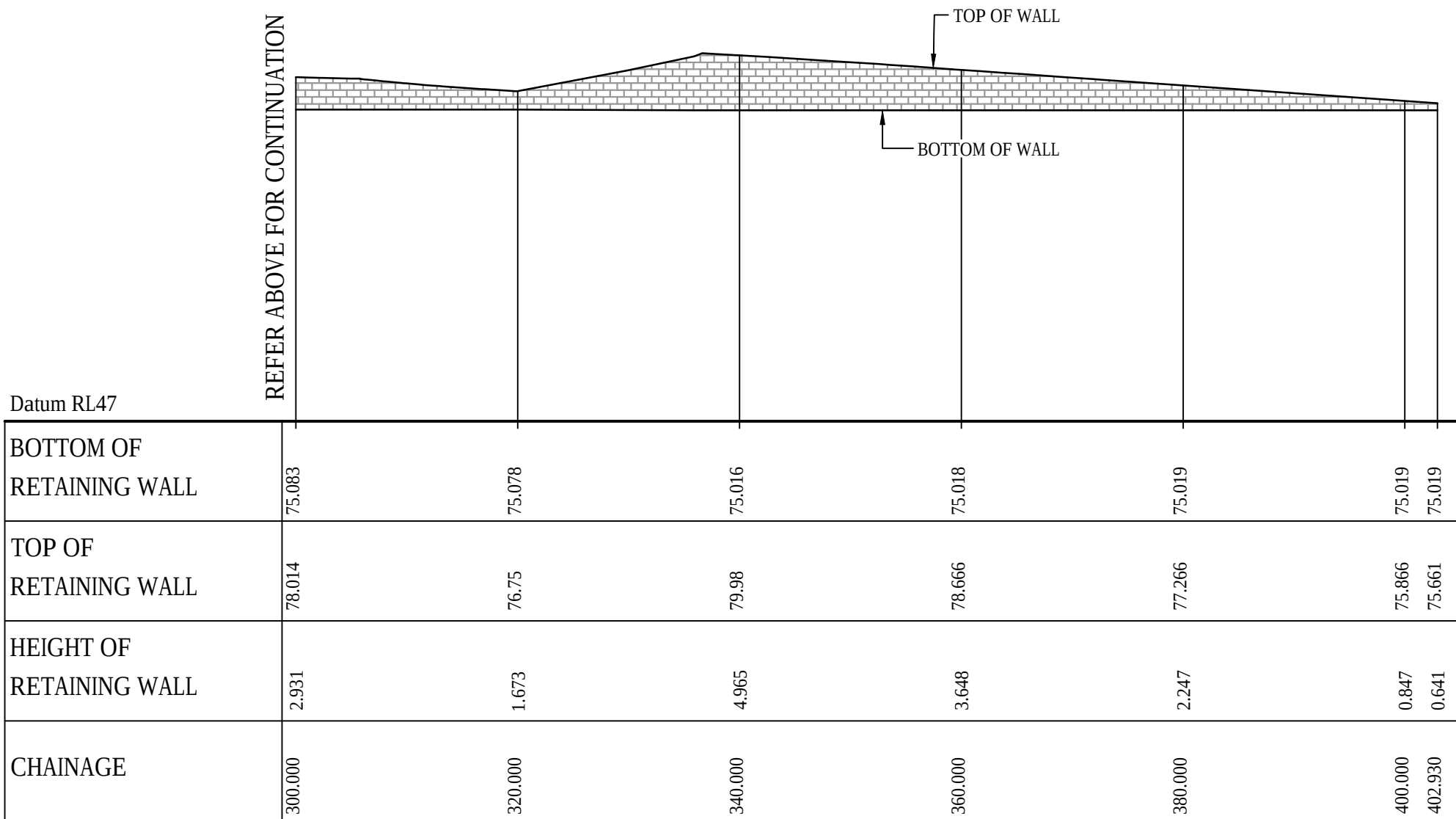
Title

RETAINING WALL
PROFILES
SHEET 4

Drawing No. 19-609-C1094	Project No. 19-609	Issue A
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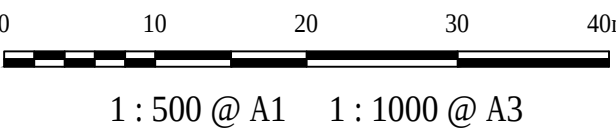
RETAINING WALL RW08 PROFILE
SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL RW08 PROFILE
SCALE 1:500 HORI.
1:500 VERT.

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

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	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1095.dwg



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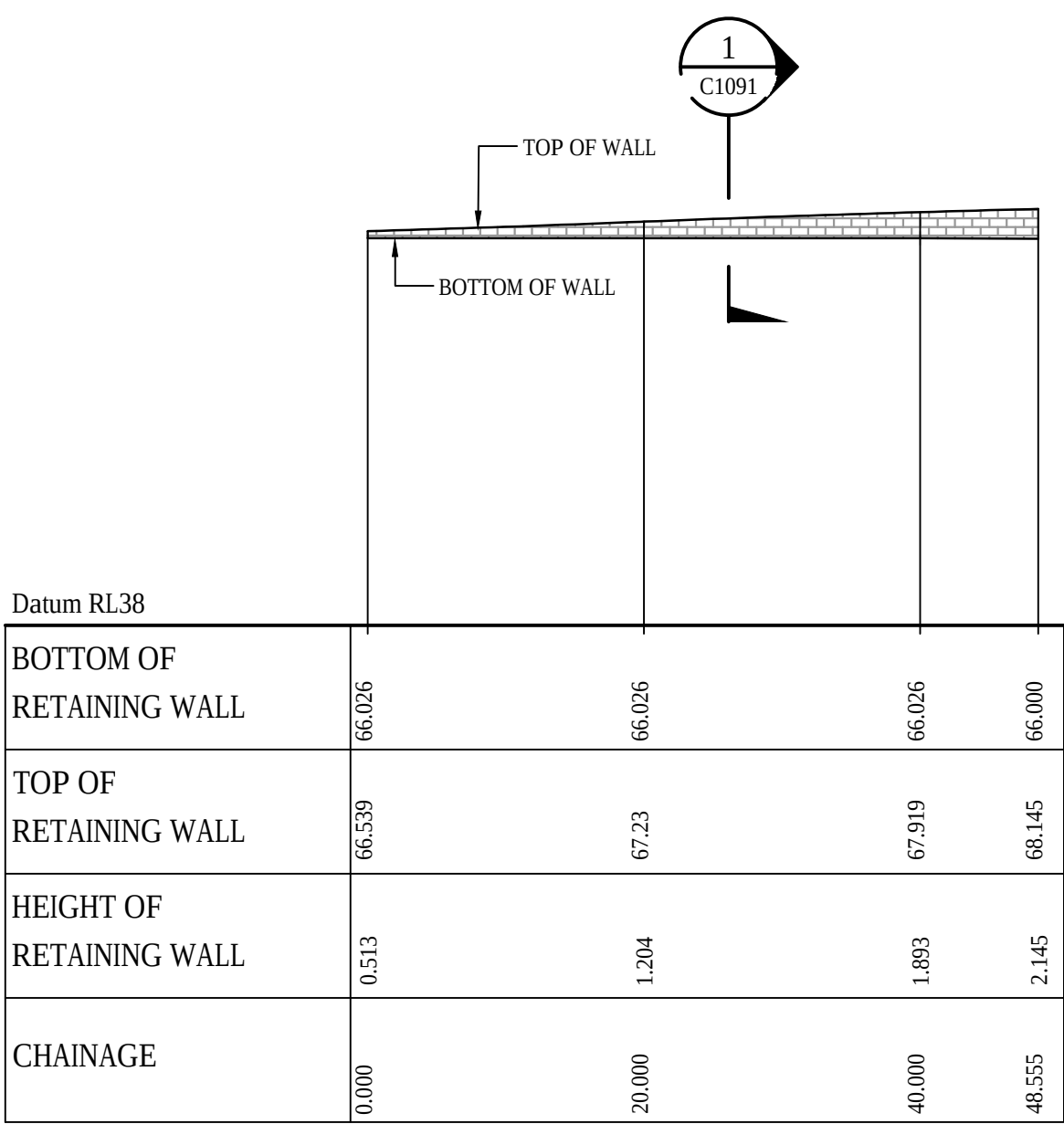
Project

PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON

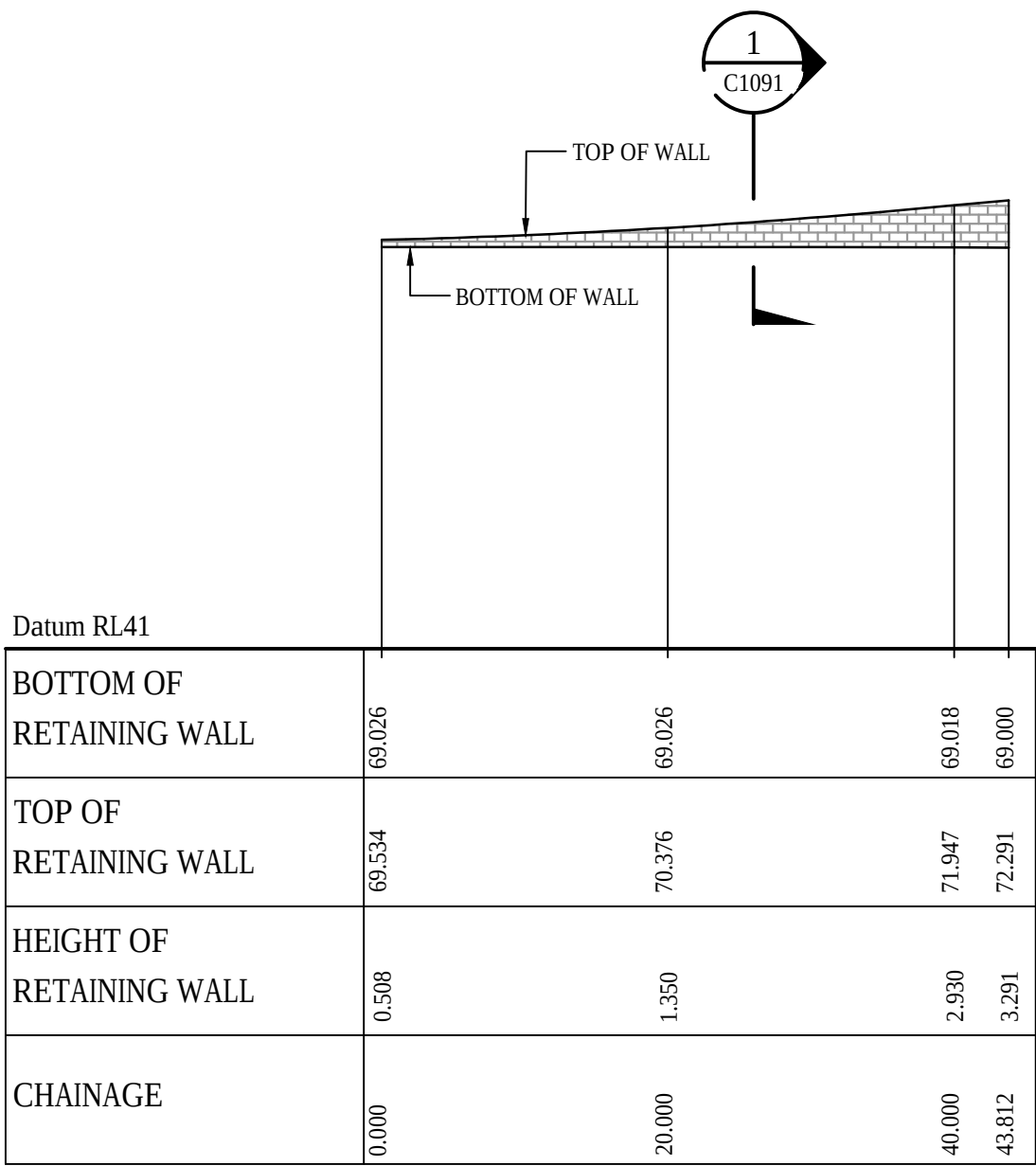
Title

RETAINING WALL
PROFILES
SHEET 5

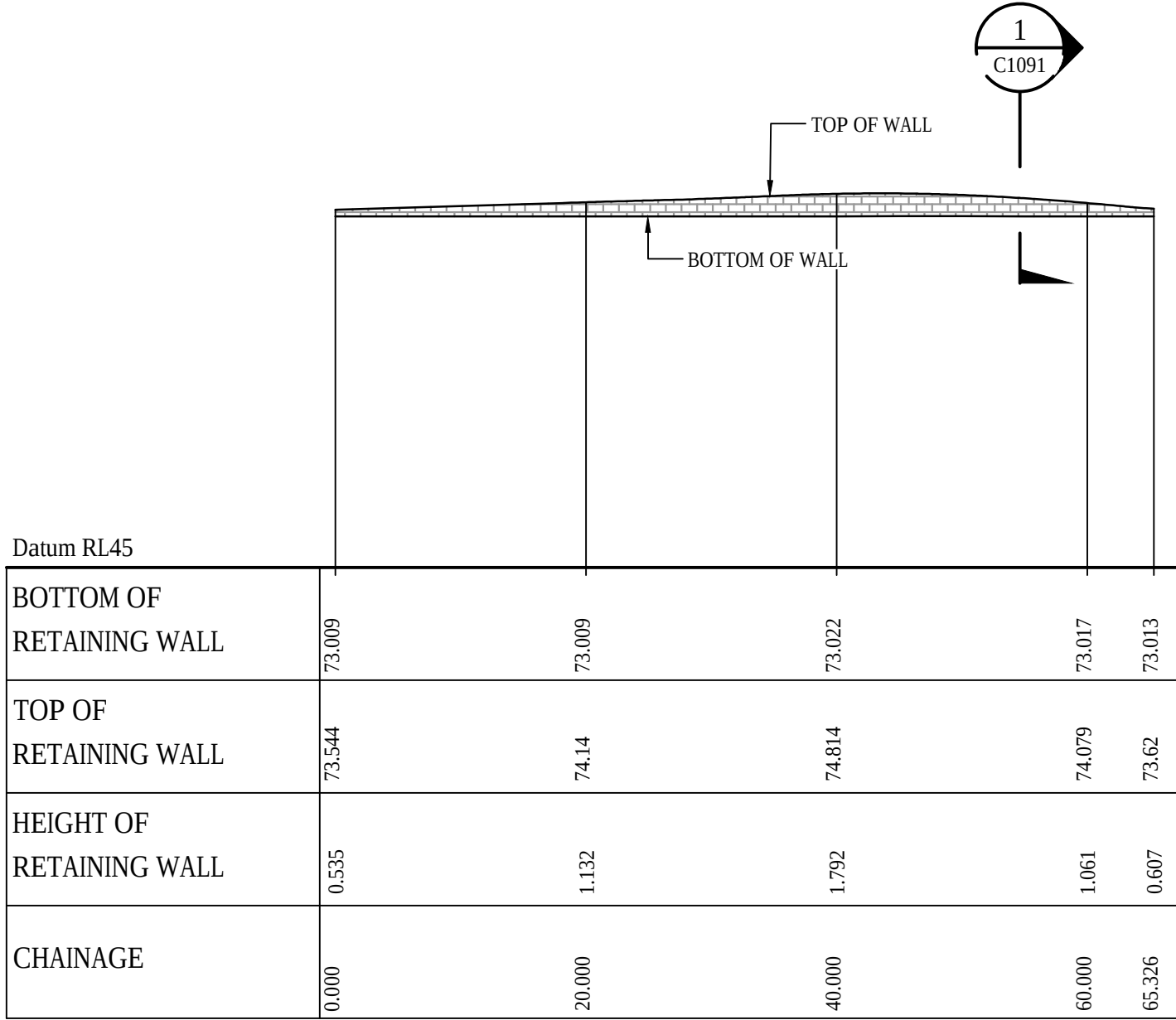
Drawing No. 19-609-C1095	Project No. 19-609	Issue A
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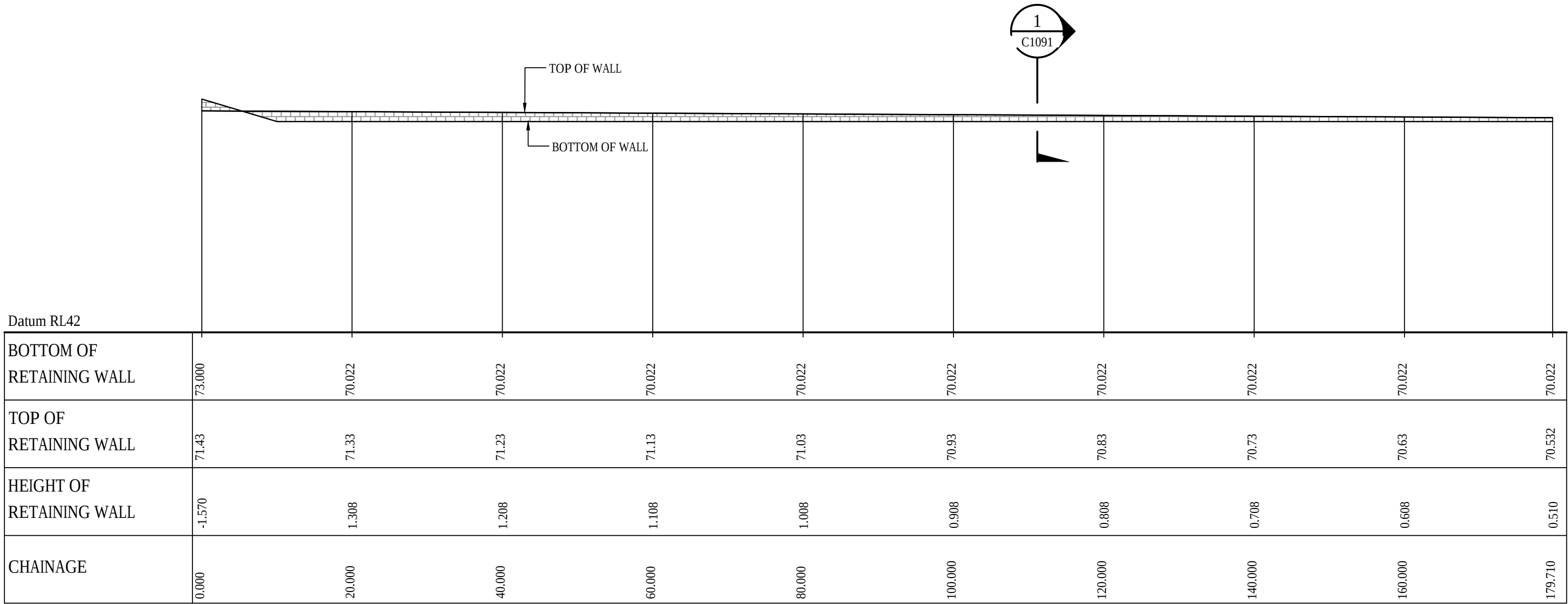
RETAINING WALL RW09 PROFILE
SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL RW10 PROFILE
SCALE 1:500 HORI.
1:500 VERT.



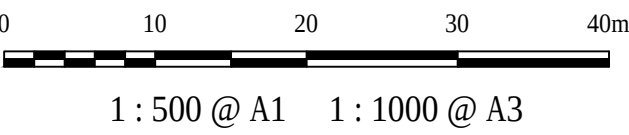
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SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL RW12 PROFILE
SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±2000mm U.N.O

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	1 : 500	Drawn	GB	
		Designed	GB	
Height Datum	AHD	Checked	AM	
Grid	GDA94 MGA56	Approved		

Client 19-609-C1096.dwg

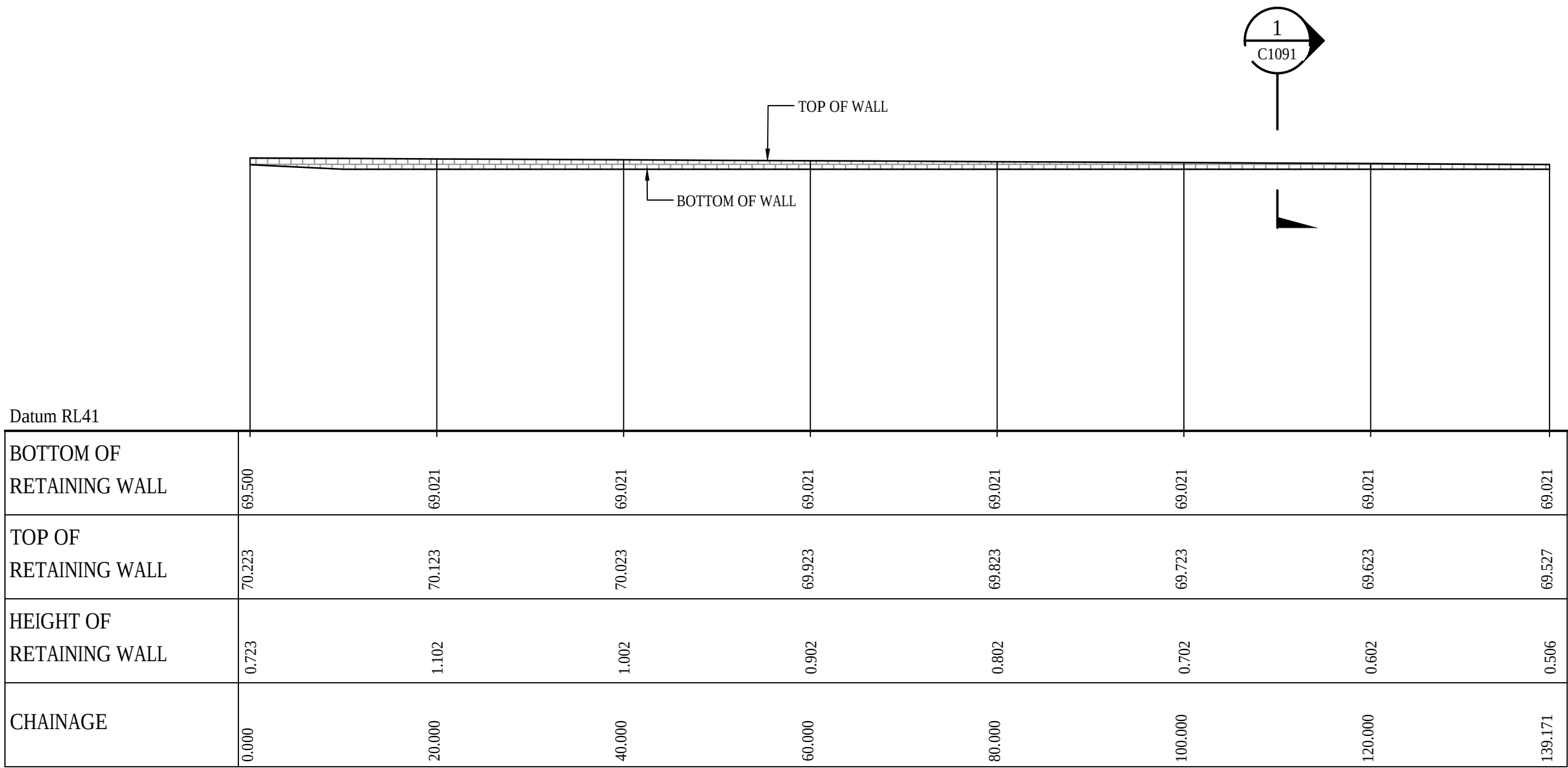


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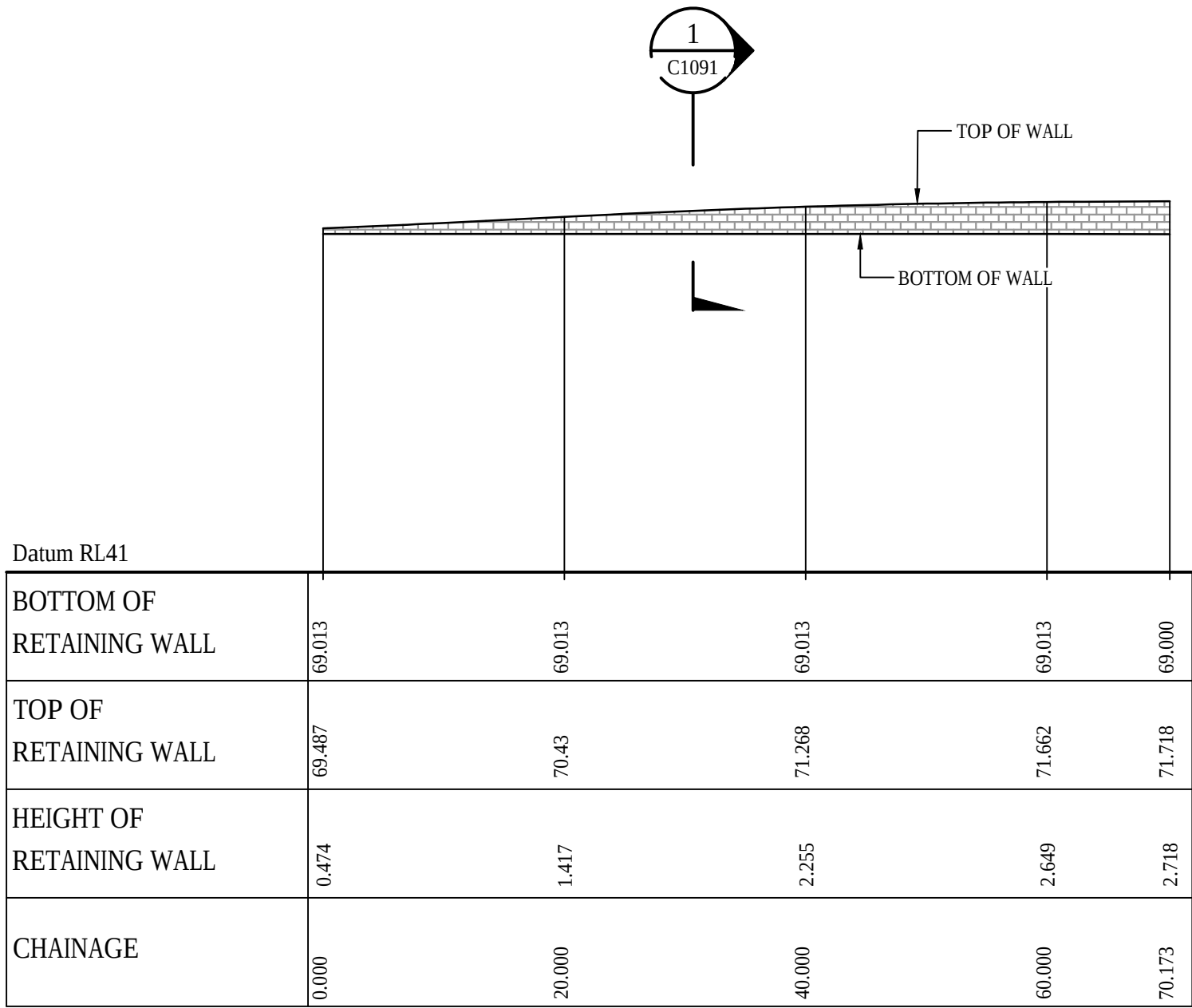
Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title
**RETAINING WALL PROFILES
SHEET 6**

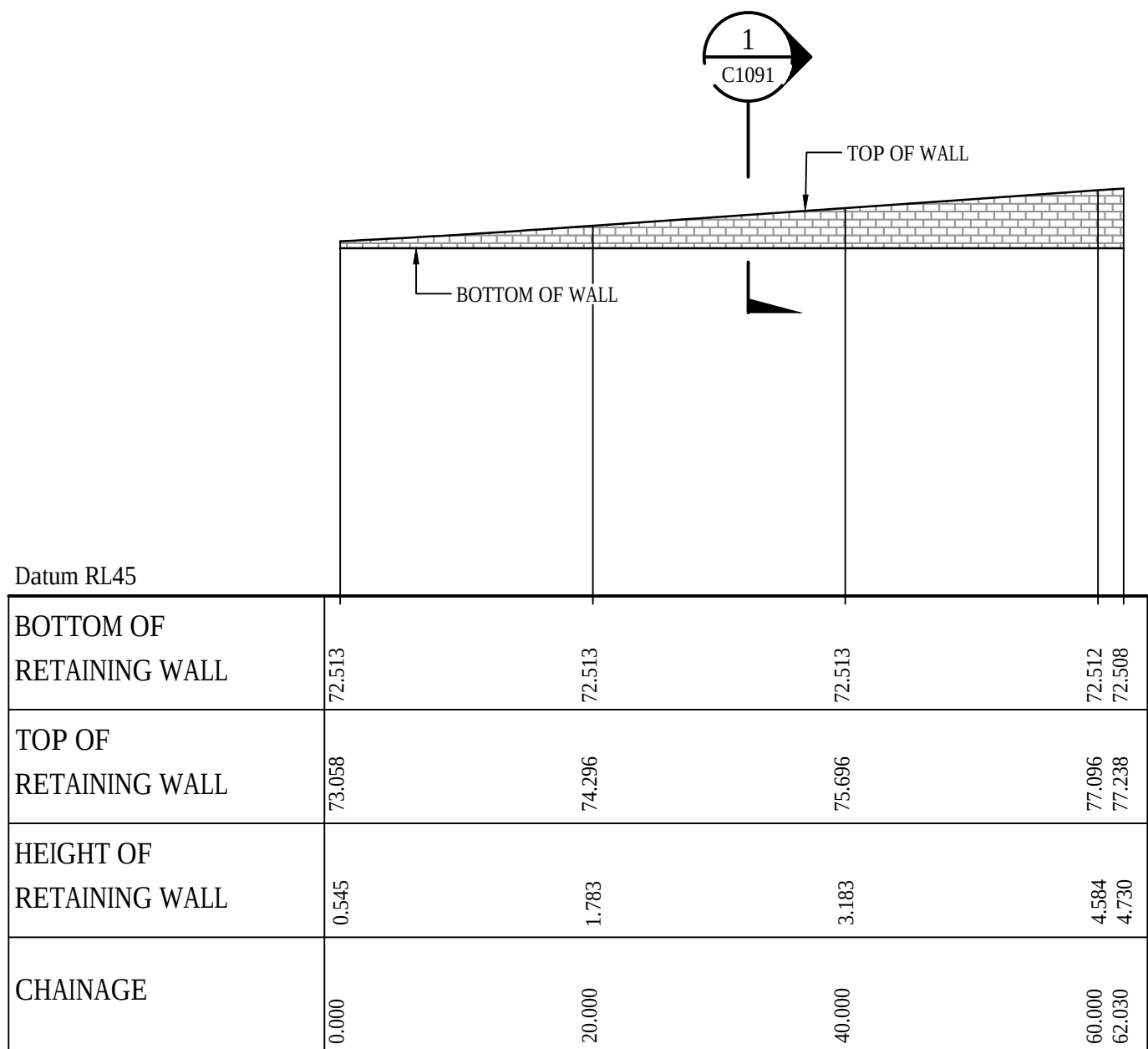
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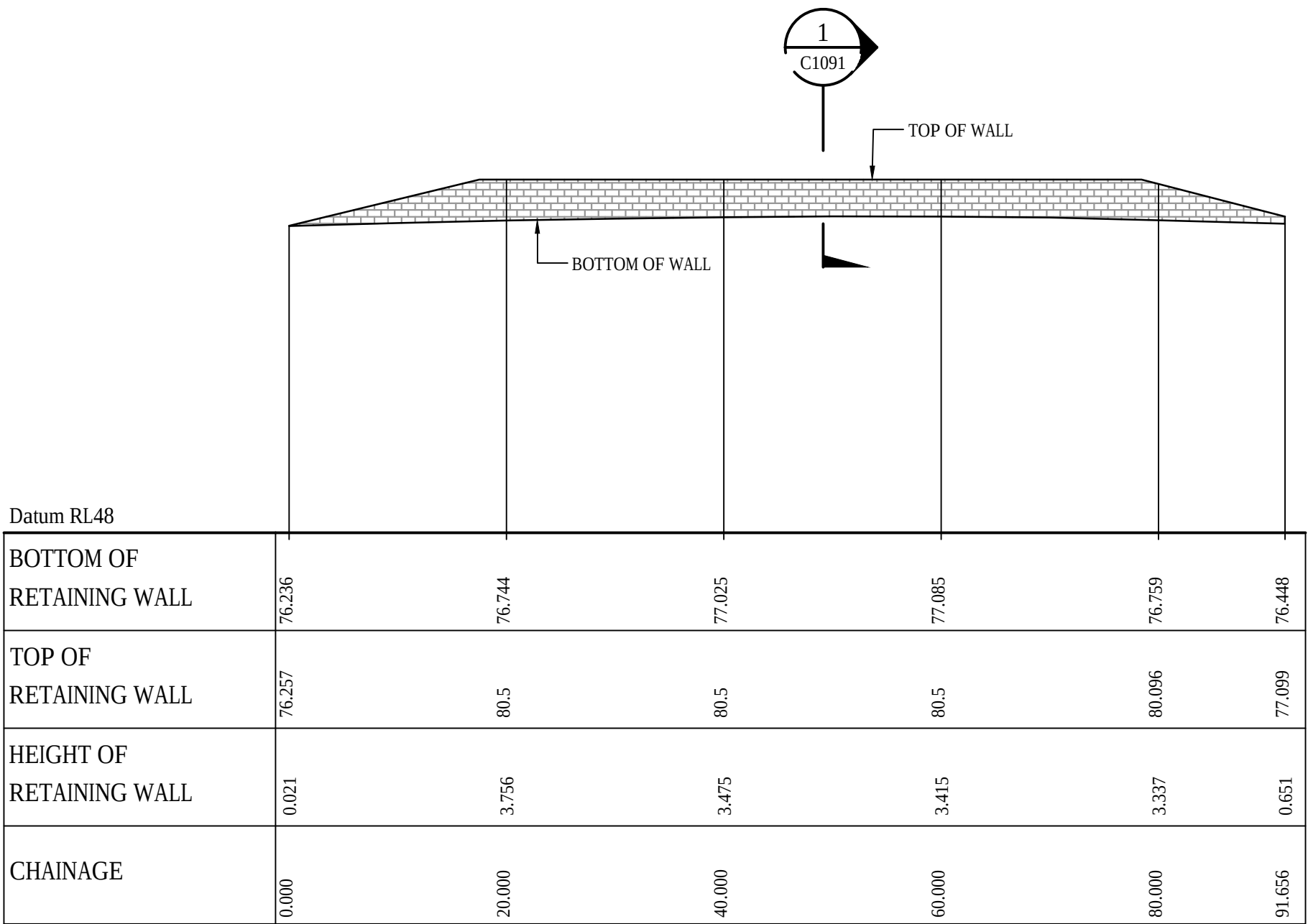
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SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL RW14 PROFILE
SCALE 1:500 HORI.
1:500 VERT.



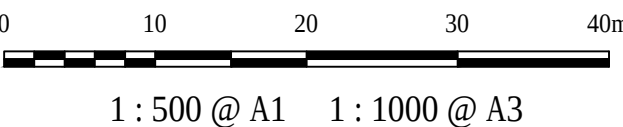
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SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL RW16 PROFILE
SCALE 1:500 HORI.
1:500 VERT.

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

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	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1097.dwg

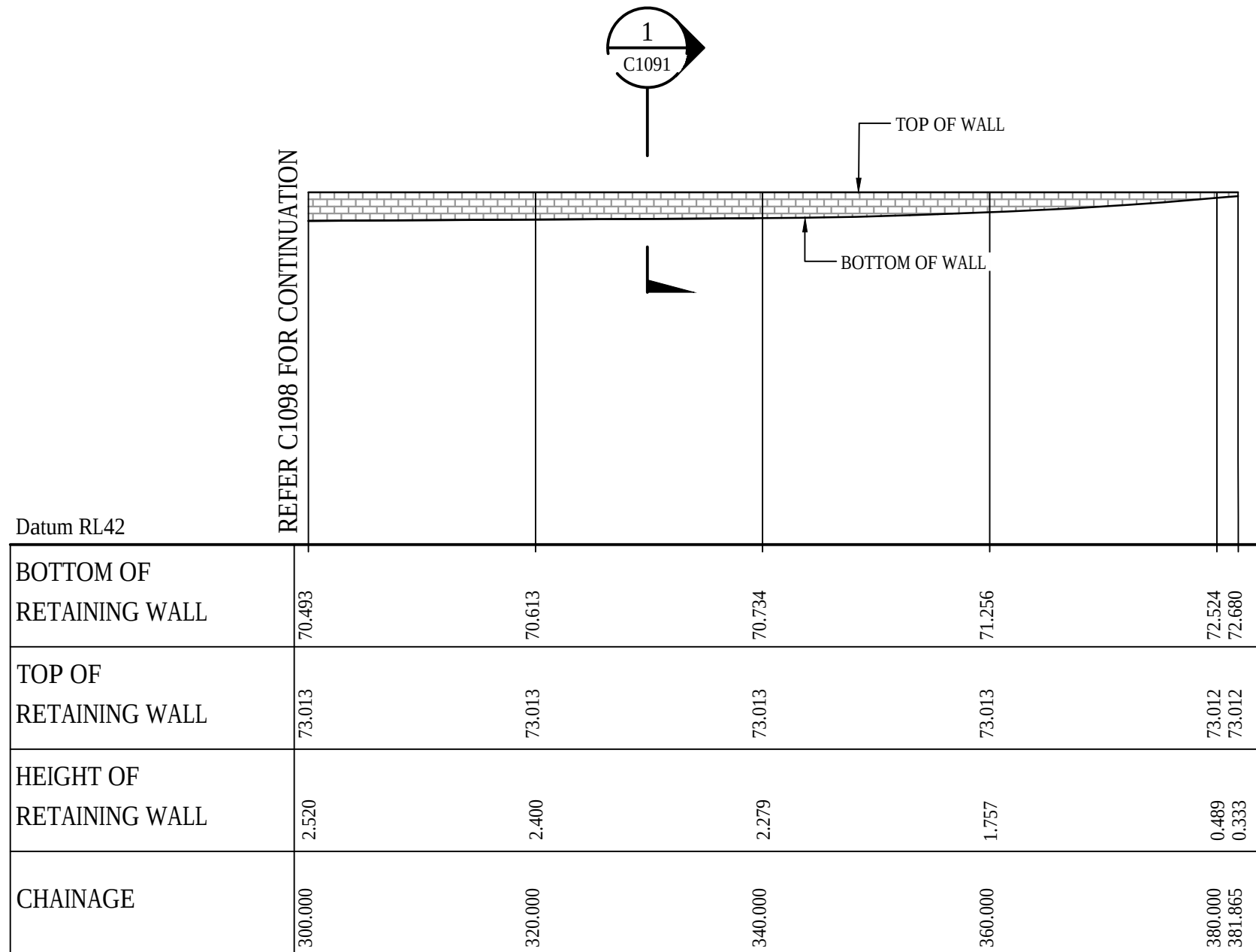


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Project
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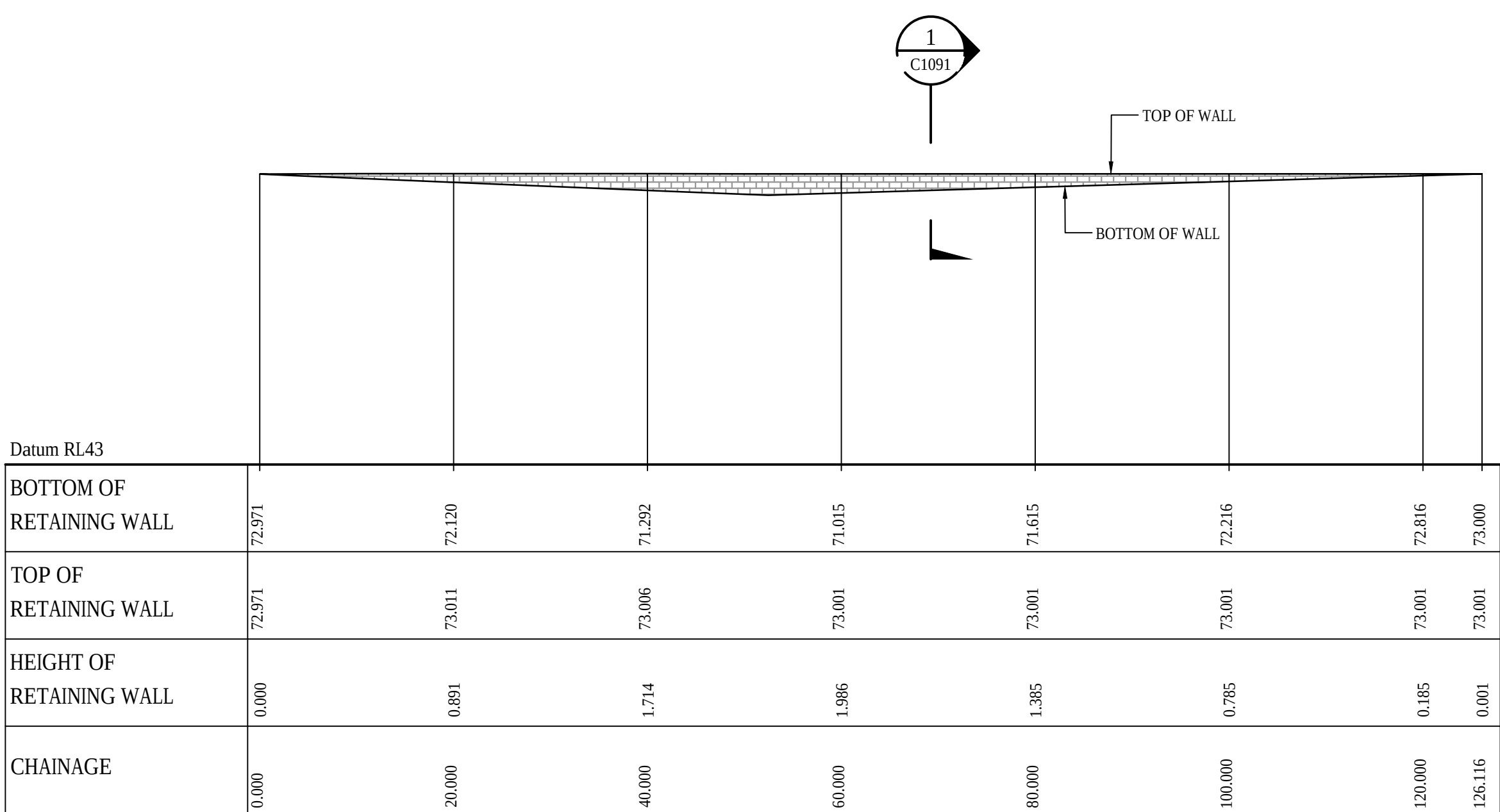
Title
**RETAINING WALL
PROFILES
SHEET 7**

Drawing No. 19-609-C1097	Project No. 19-609	Issue A
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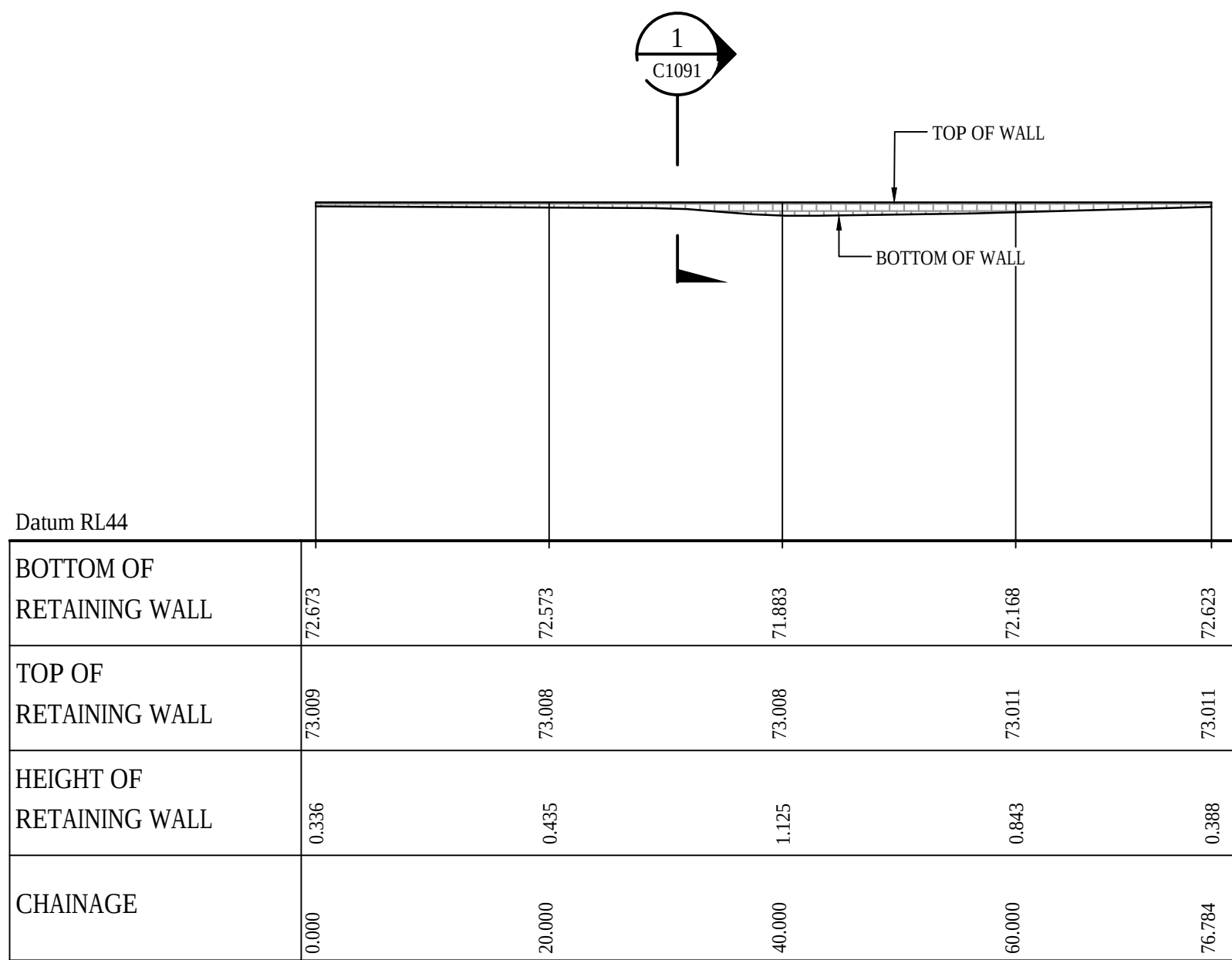
RETAINING WALL RW19 PROFILE

SCALE 1:500 HORI.
1:500 VERT.



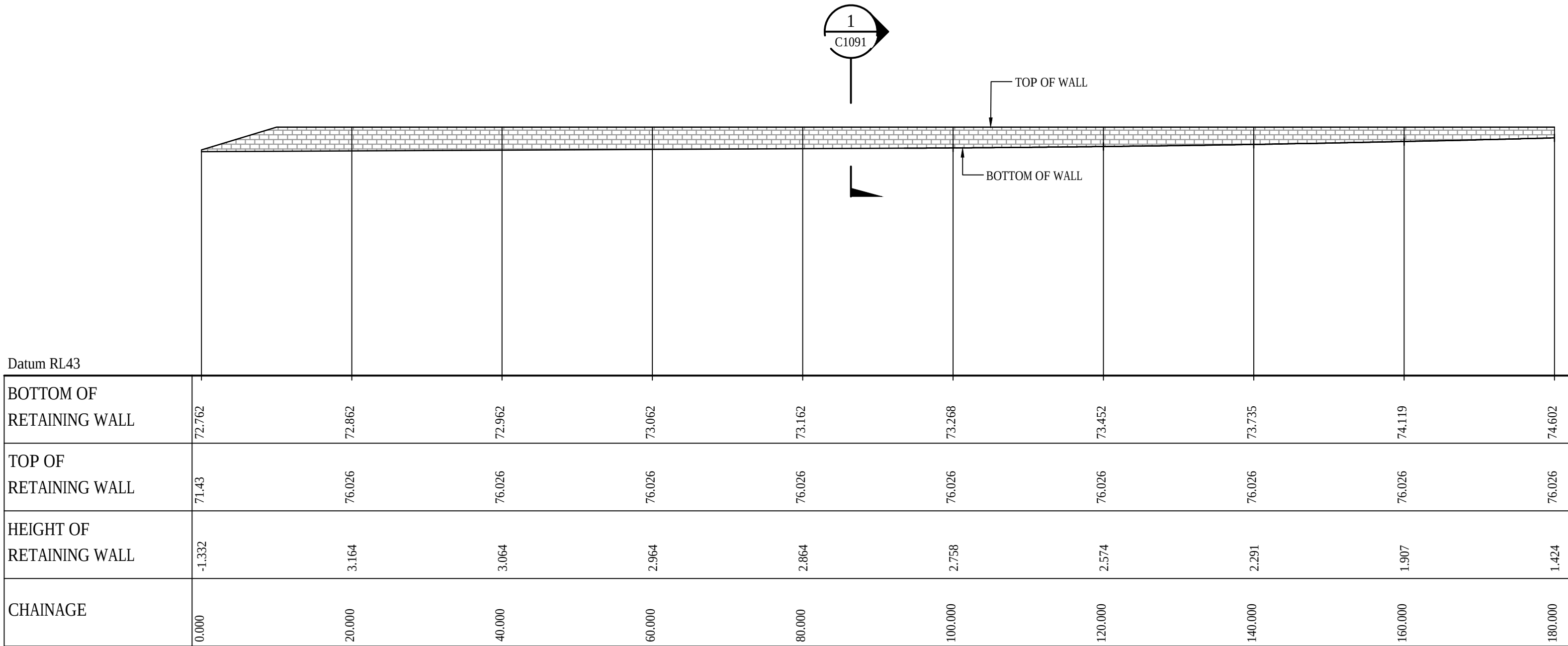
RETAINING WALL RW20 PROFILE

SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL RW21 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

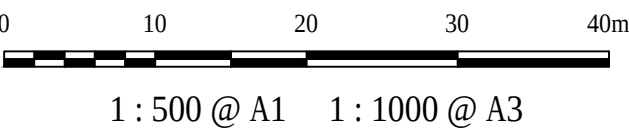


RETAINING WALL RW22 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±2000mm U.N.O

A	ISSUED FOR SSD APPROVAL	30-09-20
PI	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	1 : 500	Drawn GB	
		Designed GB	
		Checked AM	
Height Datum	AHD	Approved	
Grid	GDA94 MGA56		
Client	19-609-C1099.dwg		



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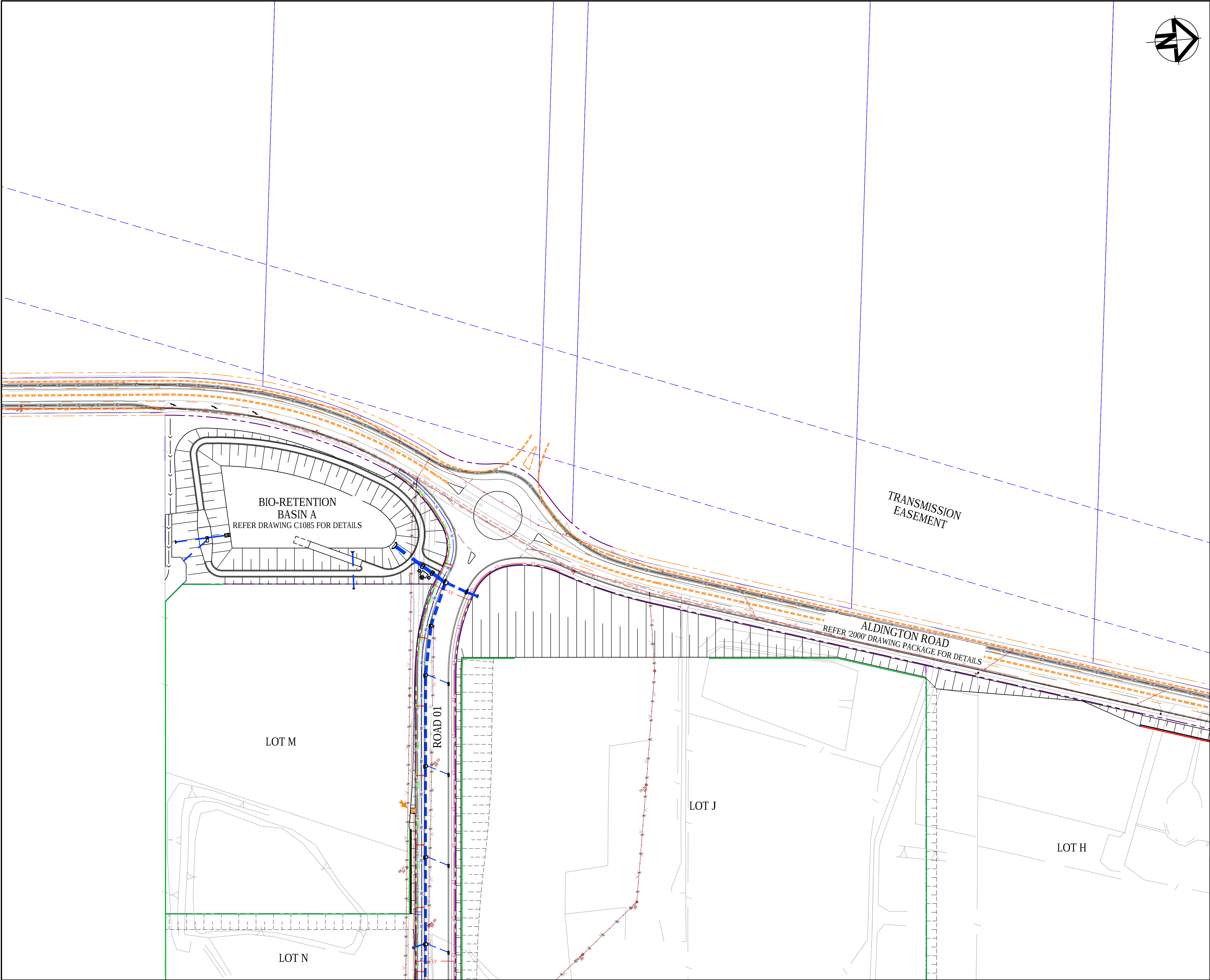
Project

**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title

**RETAINING WALL
PROFILES
SHEET 9**

Drawing No. 19-609-C1099	Project No. 19-609	Issue A
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KEYPLAN

SERVICES LEGEND

	PROPOSED	EXISTING
HIGH VOLTAGE ELECTRICITY		
LOW VOLTAGE ELECTRICITY		
ELECTRICITY		
ELECTRICITY OVERHEAD		
TELSTRA CONDUITS		
SEWER SERVICE		
WATER SERVICE		
STORMWATER		
DISUSED SERVICE		
SEWER MANHOLE		
LIGHT POLE		
POWER POLE		

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

0 20 40 60 80m

1 : 1000 @ A1 1 : 2000 @ A3

Status	FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 1000	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1101.dwg

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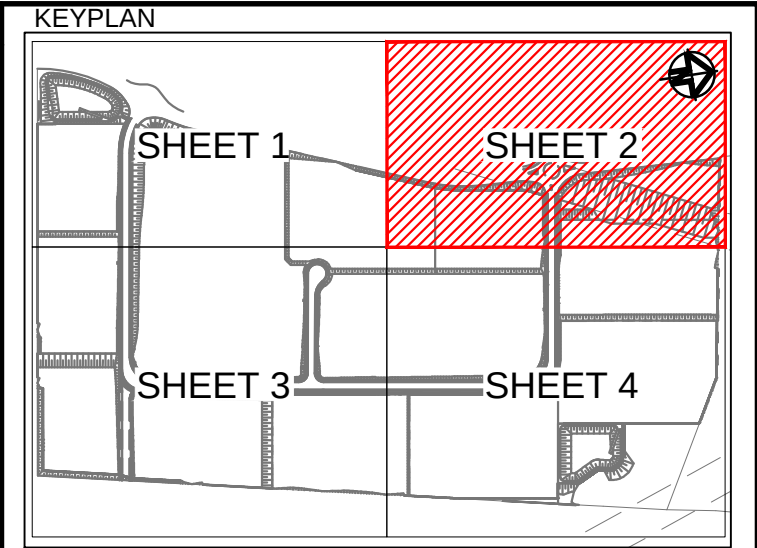
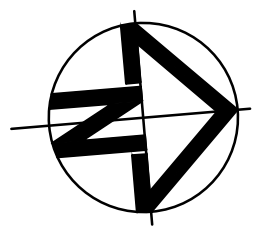
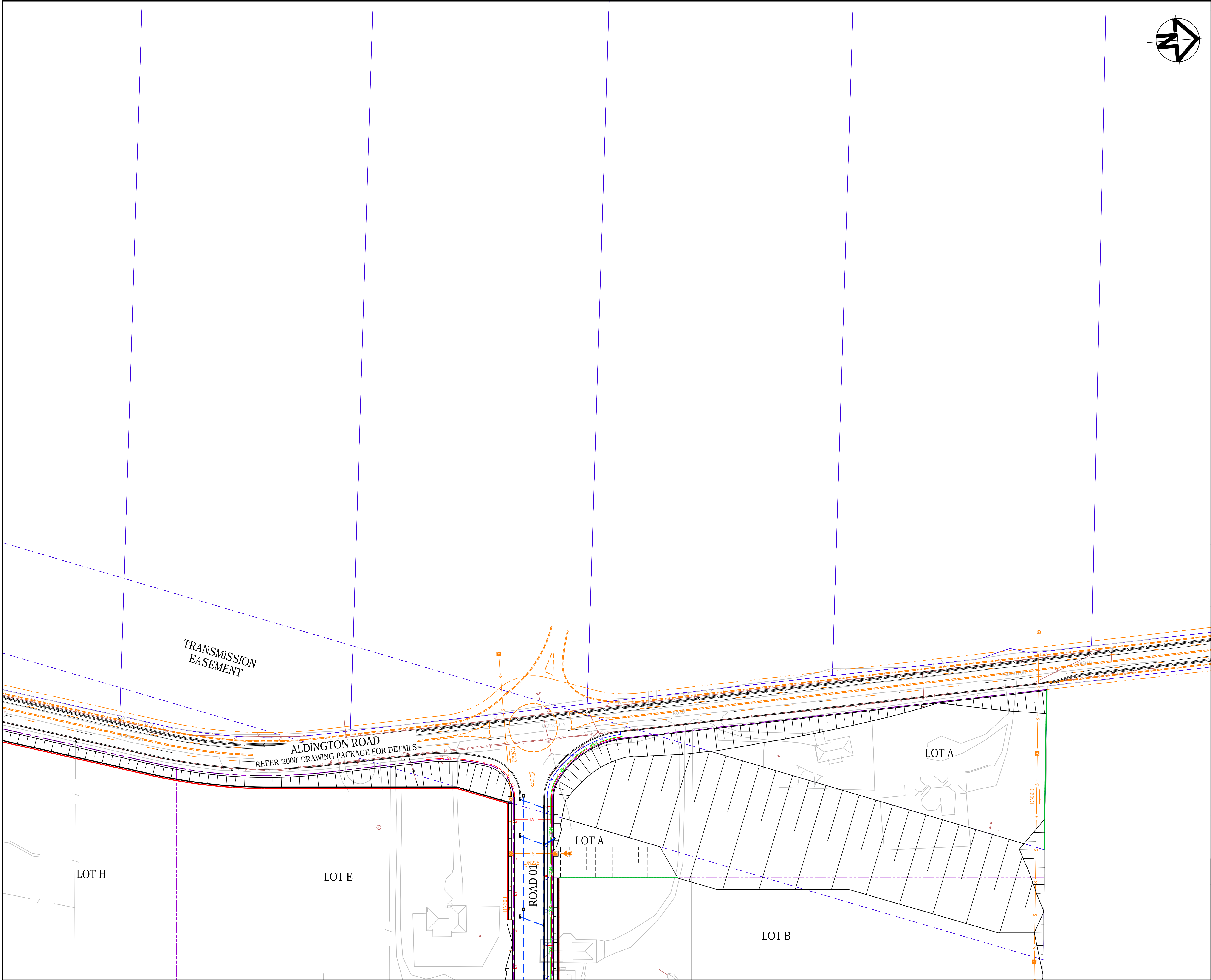
Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

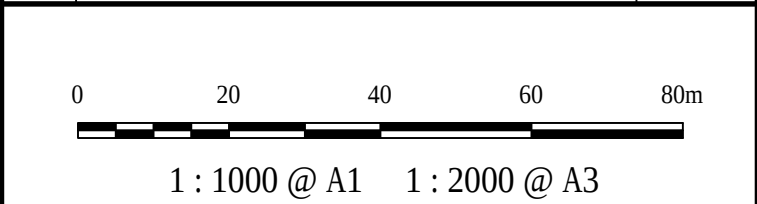
SERVICES AND UTILITIES COORDINATION PLAN
SHEET 1

Drawing No.	Project No.	Issue
19-609-C1101	19-609	A



SERVICES LEGEND	
PROPOSED	EXISTING
HIGH VOLTAGE ELECTRICITY	hv
LOW VOLTAGE ELECTRICITY	lv
ELECTRICITY	e
ELECTRICITY OVERHEAD	
TELSTRA CONDUITS	t
SEWER SERVICE	s
WATER SERVICE	w
STORMWATER	sw
DISUSED SERVICE	x
SEWER MANHOLE	
LIGHT POLE	
POWER POLE	

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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		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1102.dwg

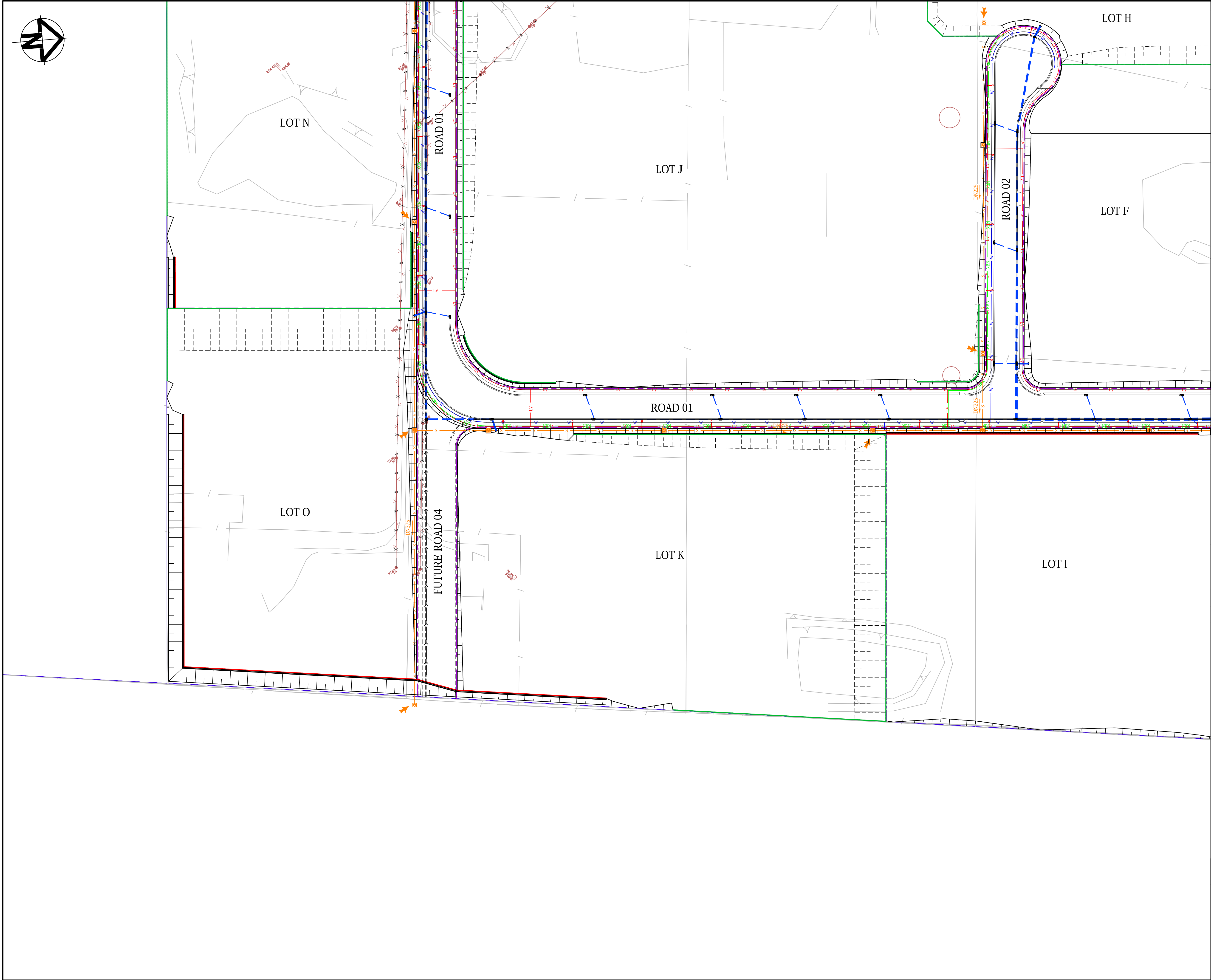


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Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title
**SERVICES AND UTILITIES
COORDINATION PLAN
SHEET 2**

Drawing No. 19-609-C1102	Project No. 19-609	Issue A
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KEYPLAN

SHEET 1

SHEET 2

SHEET 3

SHEET 4

SERVICES LEGEND

	PROPOSED	EXISTING
HIGH VOLTAGE ELECTRICITY		
LOW VOLTAGE ELECTRICITY		
ELECTRICITY		
ELECTRICITY OVERHEAD		
TELSTRA CONDUITS		
SEWER SERVICE		
WATER SERVICE		
STORMWATER		
DISUSED SERVICE		
SEWER MANHOLE		
LIGHT POLE		
POWER POLE		

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date

020406080

1 : 1000 @ A1 1 : 2000 @ A3

Status	FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION			
Scales	1 : 1000	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client19-609-C1103.dwg

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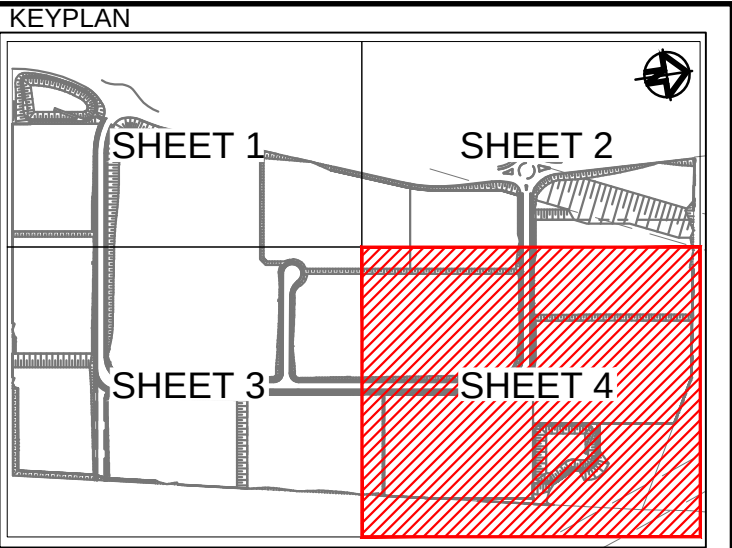
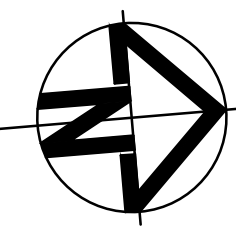
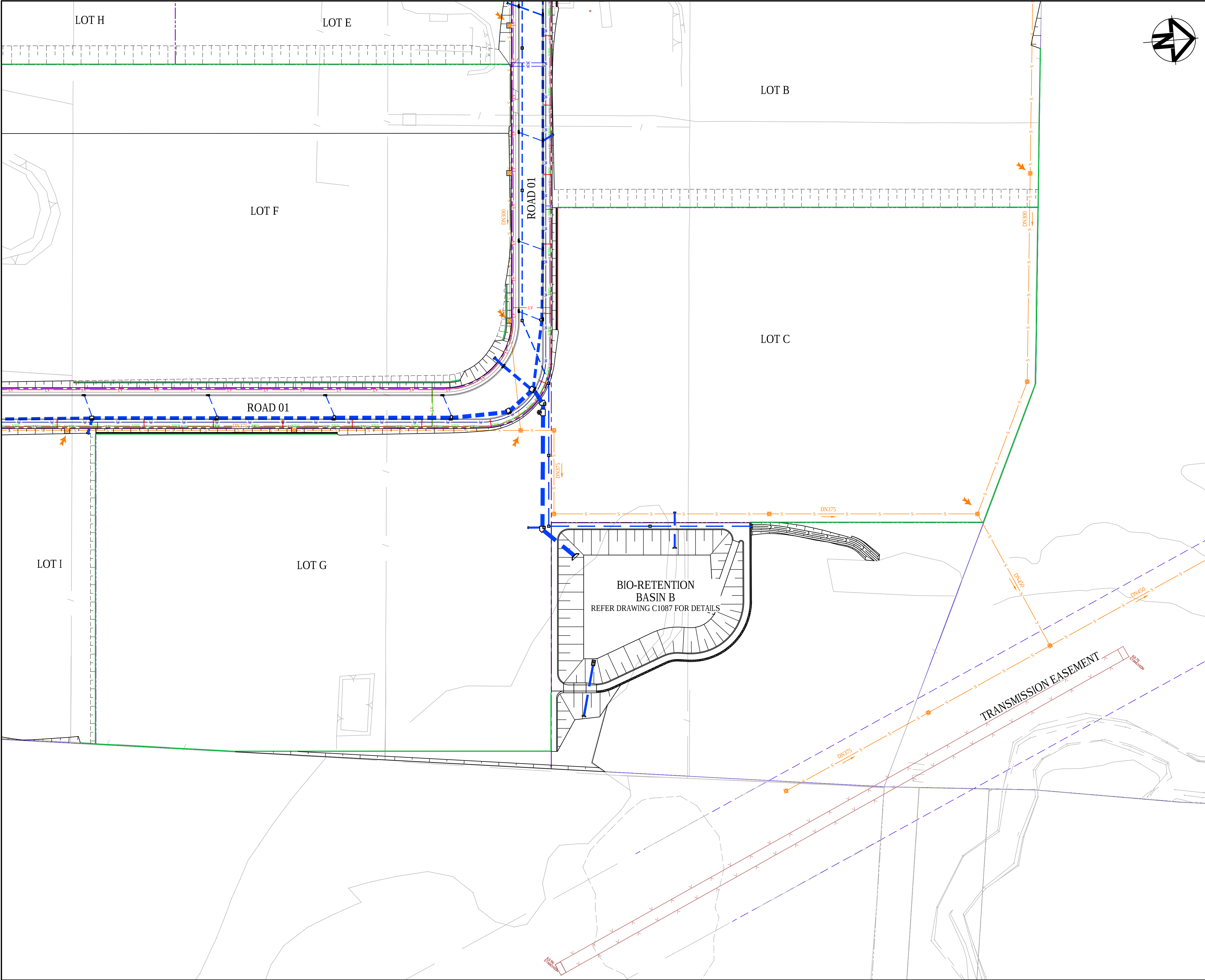
Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

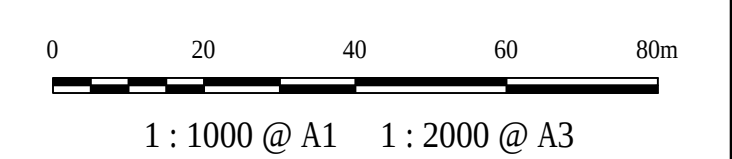
SERVICES AND UTILITIES COORDINATION PLAN
SHEET 3

Drawing No.	Project No.	Issue
19-609-C1103	19-609	A



SERVICES LEGEND	
PROPOSED	EXISTING
HIGH VOLTAGE ELECTRICITY	— hv —
LOW VOLTAGE ELECTRICITY	— lv —
ELECTRICITY	— e —
ELECTRICITY OVERHEAD	— e —
TELSTRA CONDUITS	— t —
SEWER SERVICE	— s —
WATER SERVICE	— w —
STORMWATER	— sw —
DISUSED SERVICE	— x · x —
SEWER MANHOLE	○
LIGHT POLE	⊖
POWER POLE	·

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date



Status		FOR APPROVAL		A1
NOT TO BE USED FOR CONSTRUCTION				
Scales	1 : 1000			
		Drawn GB		
		Designed GB		
Height datum	AHD	Checked AM		
Grid	GDA94 MGA56	Approved		

Client 19-609-C1104.dwg

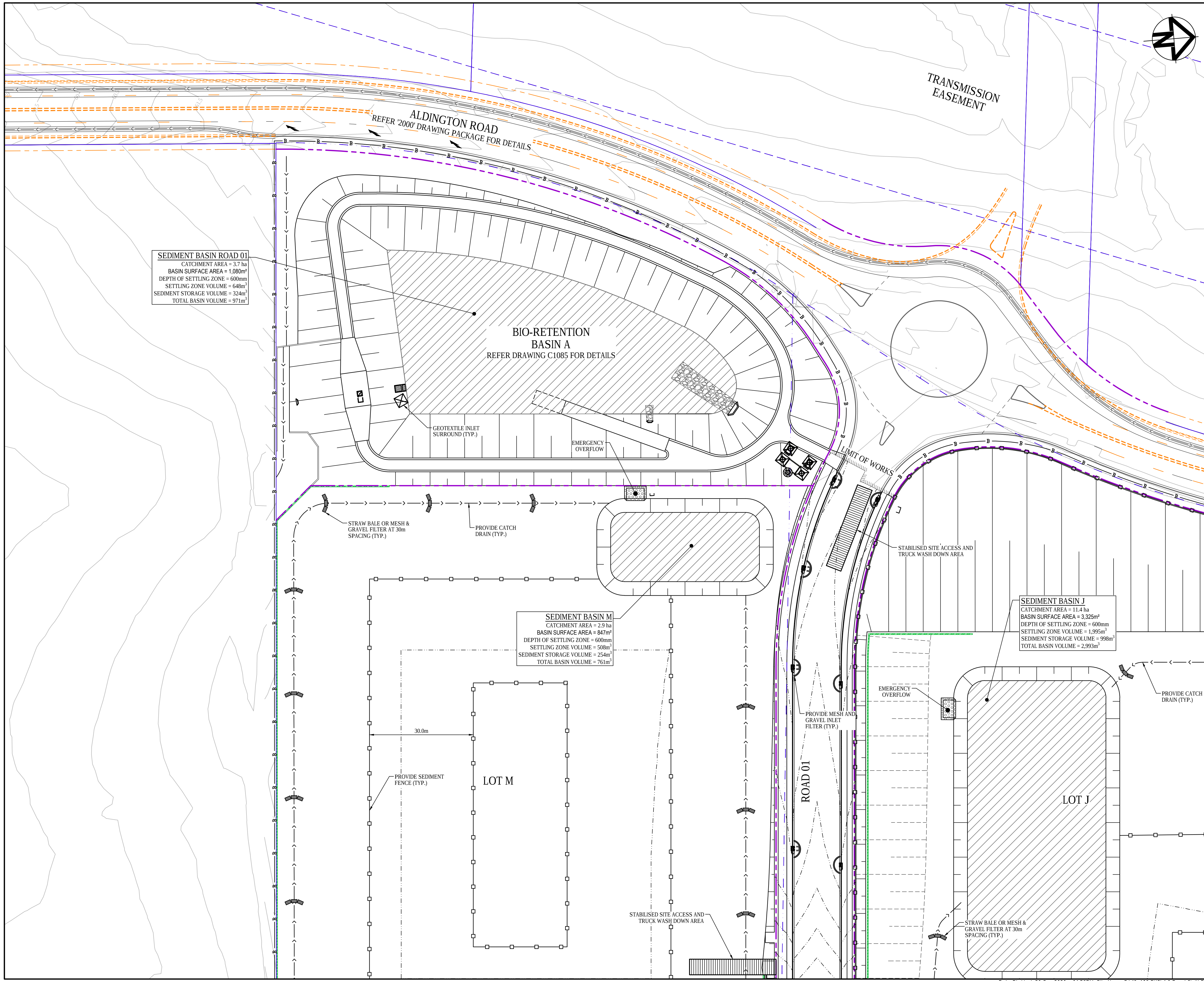


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Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title
**SERVICES AND UTILITIES COORDINATION PLAN
SHEET 4**

Drawing No. 19-609-C1104	Project No. 19-609	Issue A
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KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE
- FUTURE WORKS

Issue	Description	Date
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

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	GDA94 MGA56	Approved	

Client 19-609-C1111.dwg

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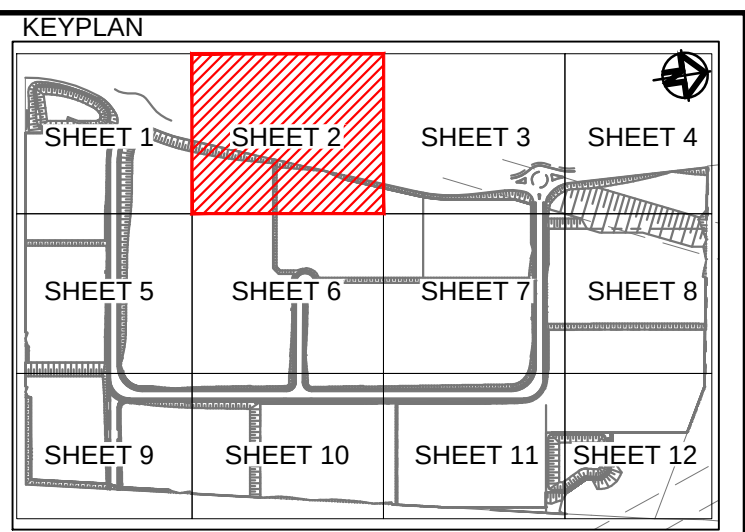
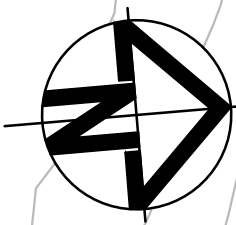
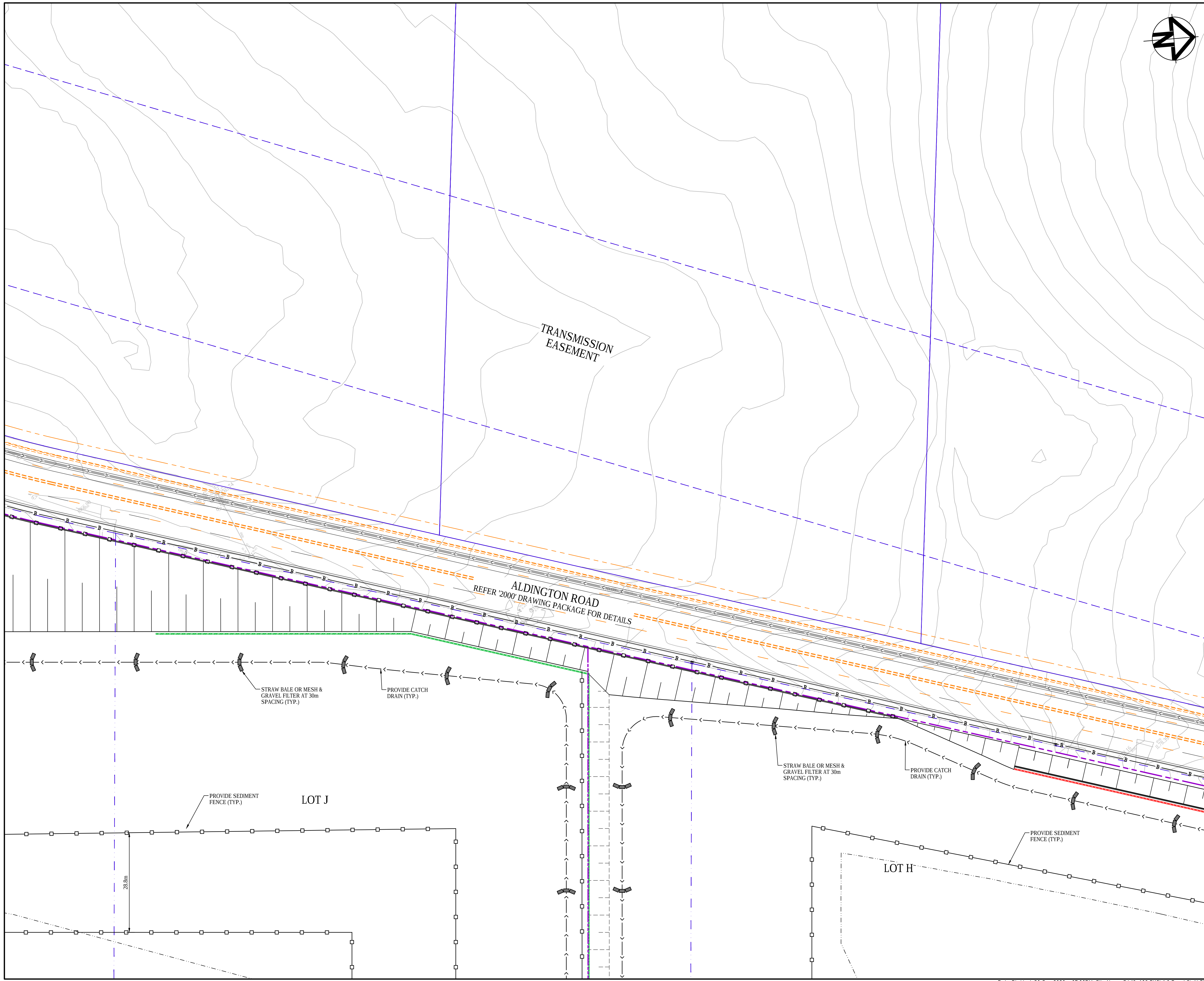
Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

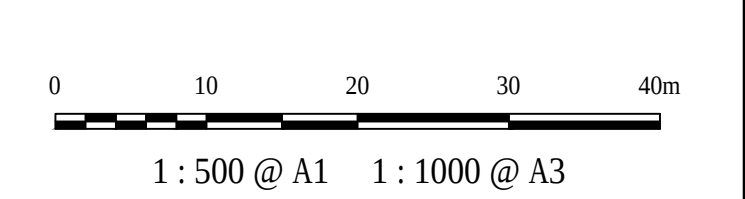
EROSION AND SEDIMENT CONTROL PLAN
SHEET 1

Drawing No.	Project No.	Issue
19-609-C1111	19-609	A



LEGEND	
	EXISTING BOUNDARY
	EXISTING EASEMENT
	EXISTING CONTOUR
	PROPOSED BOUNDARY
	PROPOSED EASEMENT
	PROPOSED CONTOUR
	PROPOSED BULK EARTHWORKS LEVEL
	SEDIMENT FENCE (SD 6-8)
	CATCH DRAIN
	BARRIER FENCE
	STRAW BALE FILTER (SD 6-7)
	MESH AND GRAVEL INLET FILTER (SD 6-11)
	GEOTEXTILE INLET (SD 6-12)
	STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
	PROPOSED SITE ACCESS GATE
	FUTURE WORKS

Issue	Description	Date
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	
Client	19-609-C1112.dwg		



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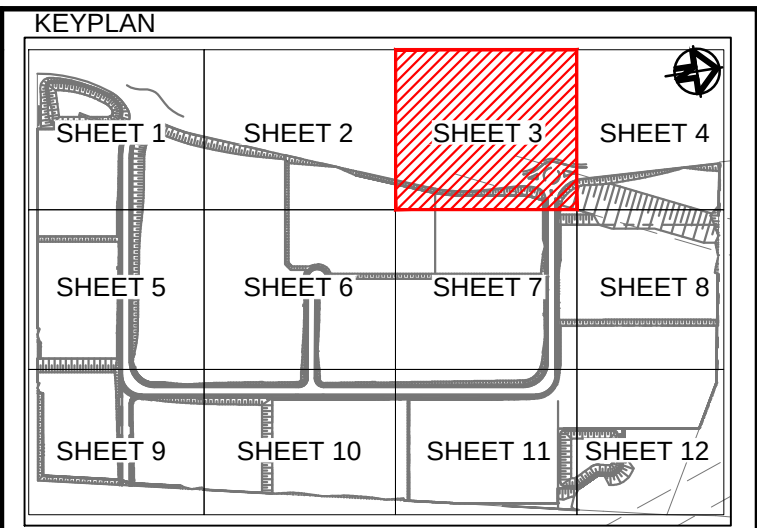
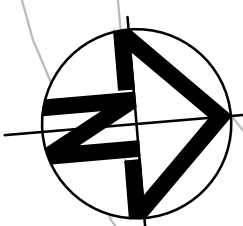
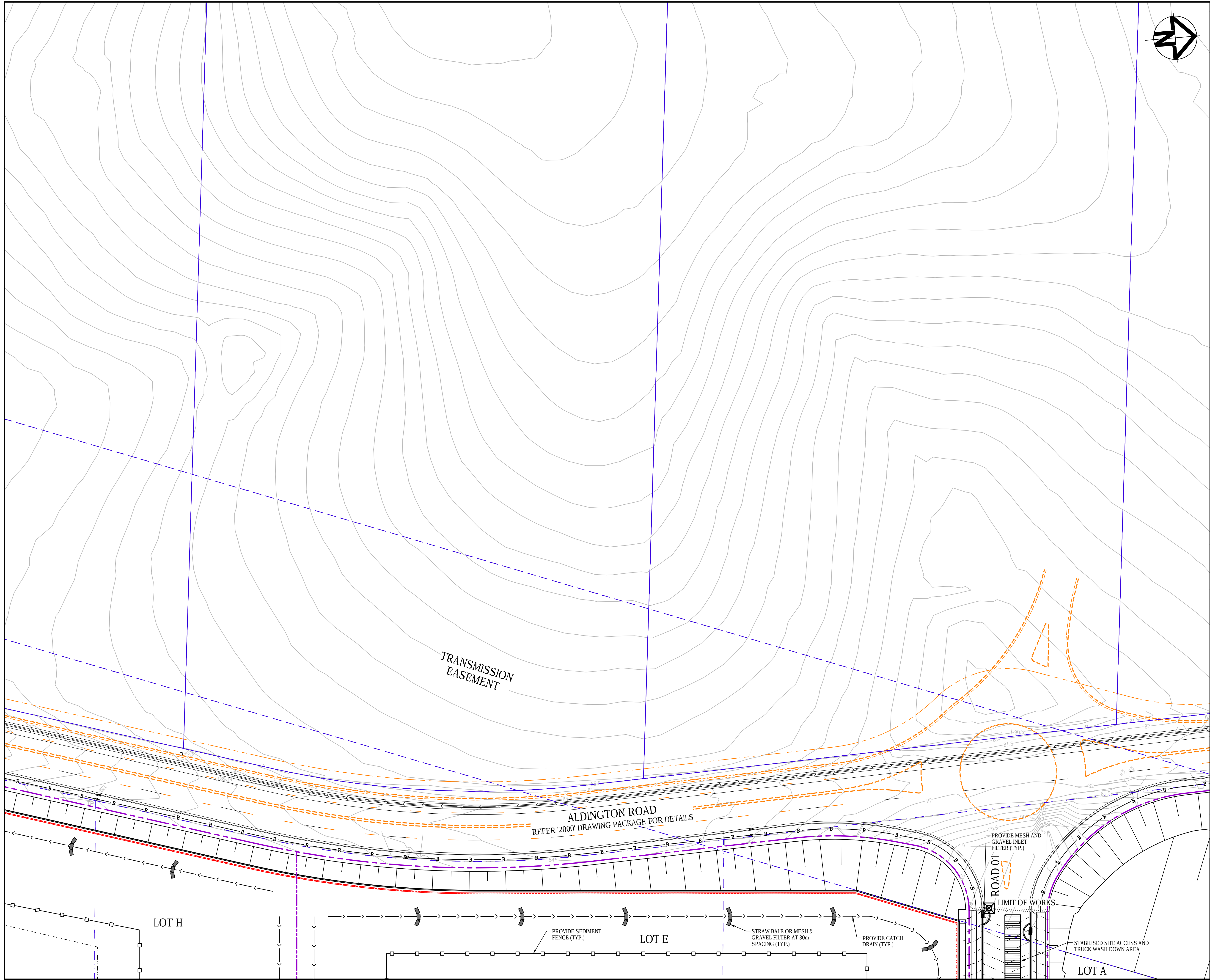
Project

**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title

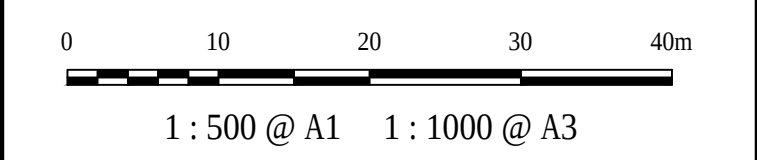
**EROSION AND SEDIMENT CONTROL PLAN
SHEET 2**

Drawing No.	Project No.	Issue
19-609-C1112	19-609	A



LEGEND	
	EXISTING BOUNDARY
	EXISTING EASEMENT
	EXISTING CONTOUR
	PROPOSED BOUNDARY
	PROPOSED EASEMENT
	PROPOSED CONTOUR
	PROPOSED BULK EARTHWORKS LEVEL
	SEDIMENT FENCE (SD 6-8)
	CATCH DRAIN
	BARRIER FENCE
	STRAW BALE FILTER (SD 6-7)
	MESH AND GRAVEL INLET FILTER (SD 6-11)
	GEOTEXTILE INLET (SD 6-12)
	STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
	PROPOSED SITE ACCESS GATE
	FUTURE WORKS

Issue	Description	Date
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20



Status		FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	1 : 500	Drawn GB		
		Designed GB		
Height Datum	AHD	Checked AM		
Grid	GDA94 MGA56	Approved		

Client 19-609-C1113.dwg

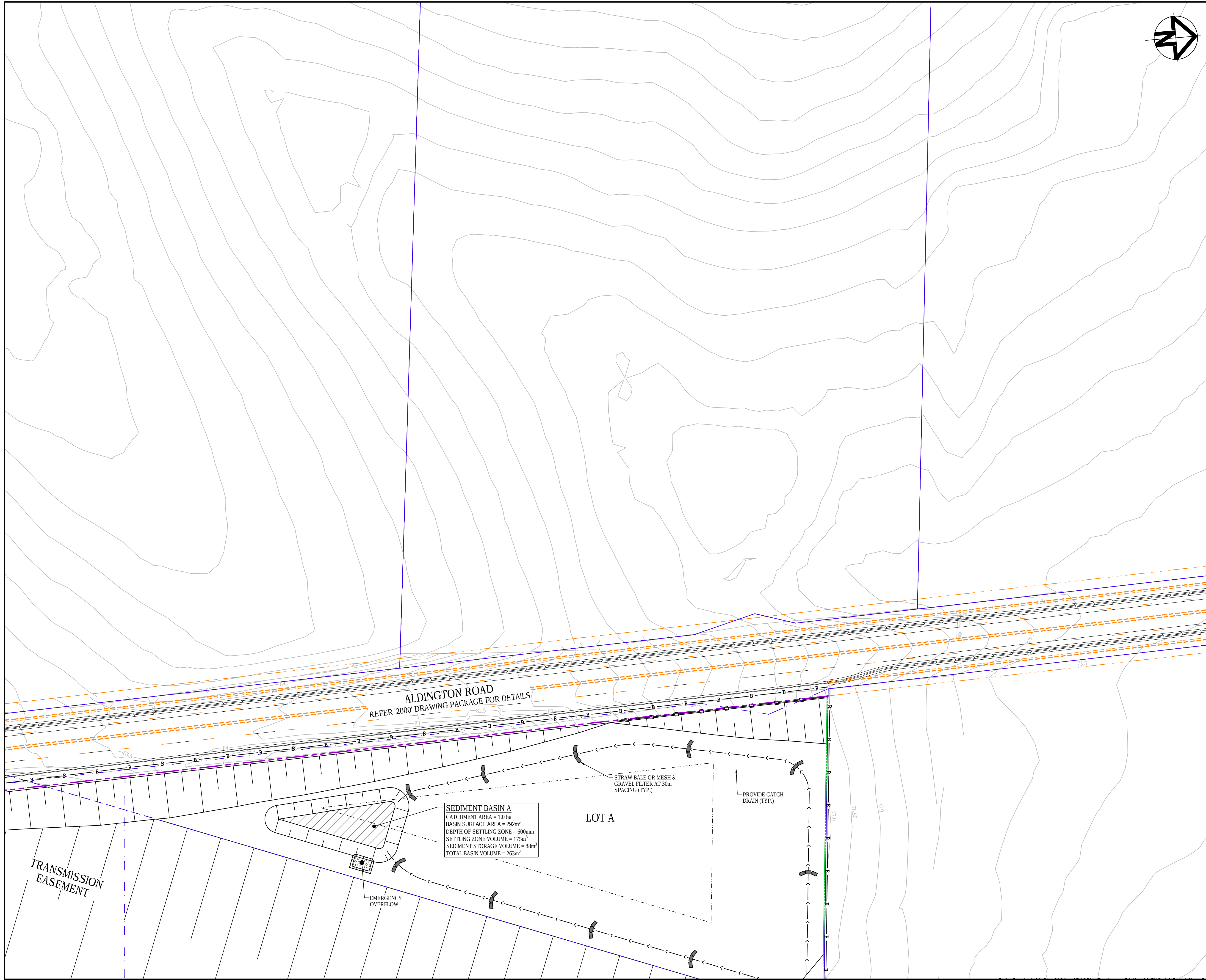


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Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title
**EROSION AND SEDIMENT CONTROL PLAN
SHEET 3**

Drawing No. 19-609-C1113	Project No. 19-609	Issue A
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KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE
- FUTURE WORKS

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	GDA94 MGA56	Approved	

Client 19-609-C1114.dwg

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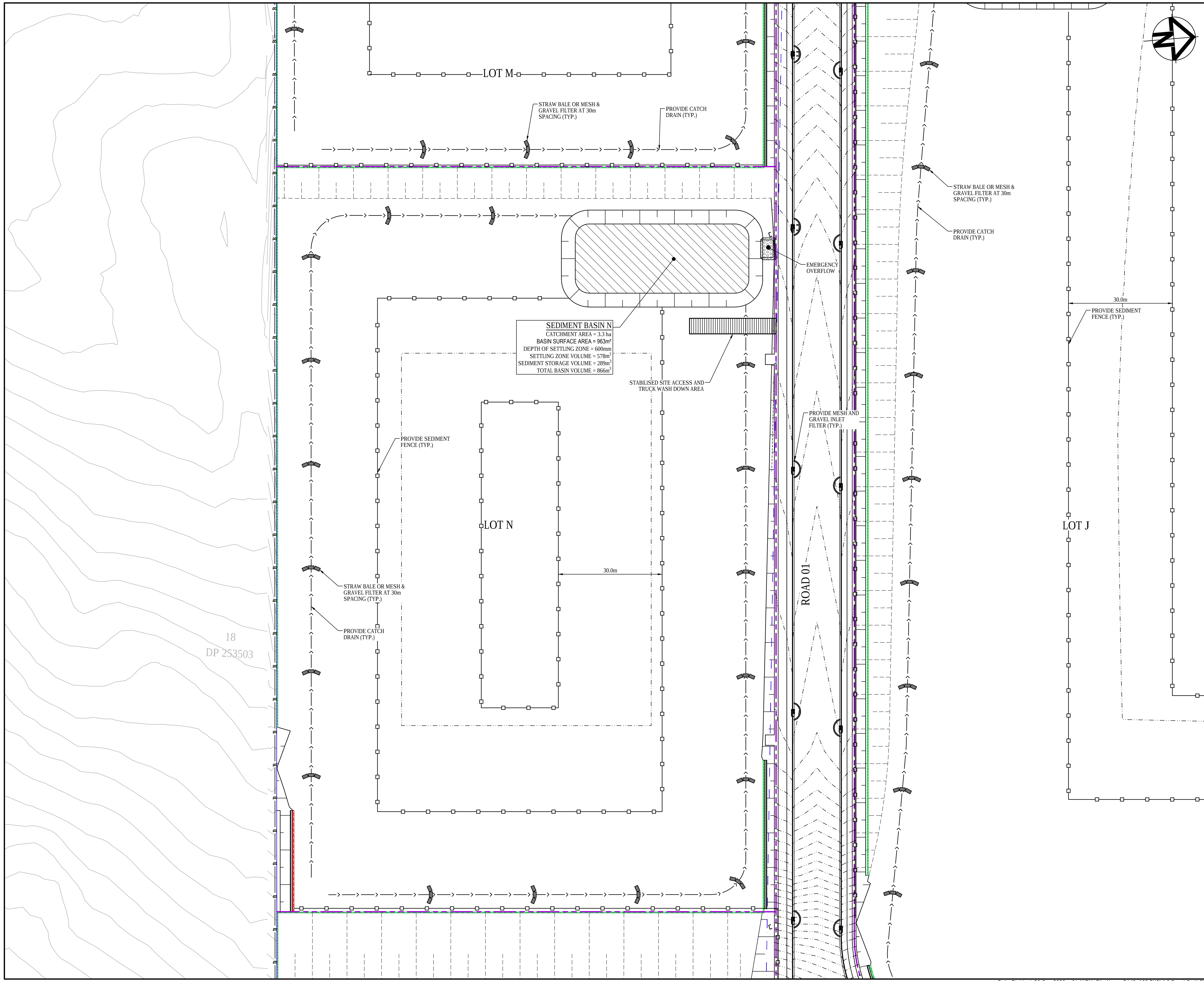
Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

EROSION AND SEDIMENT CONTROL PLAN
SHEET 4

Drawing No. 19-609-C1114	Project No. 19-609	Issue A
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KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- +BEL75.00
- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE
- FUTURE WORKS

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	GDA94 MGA56	Approved	

Client 19-609-C1115.dwg

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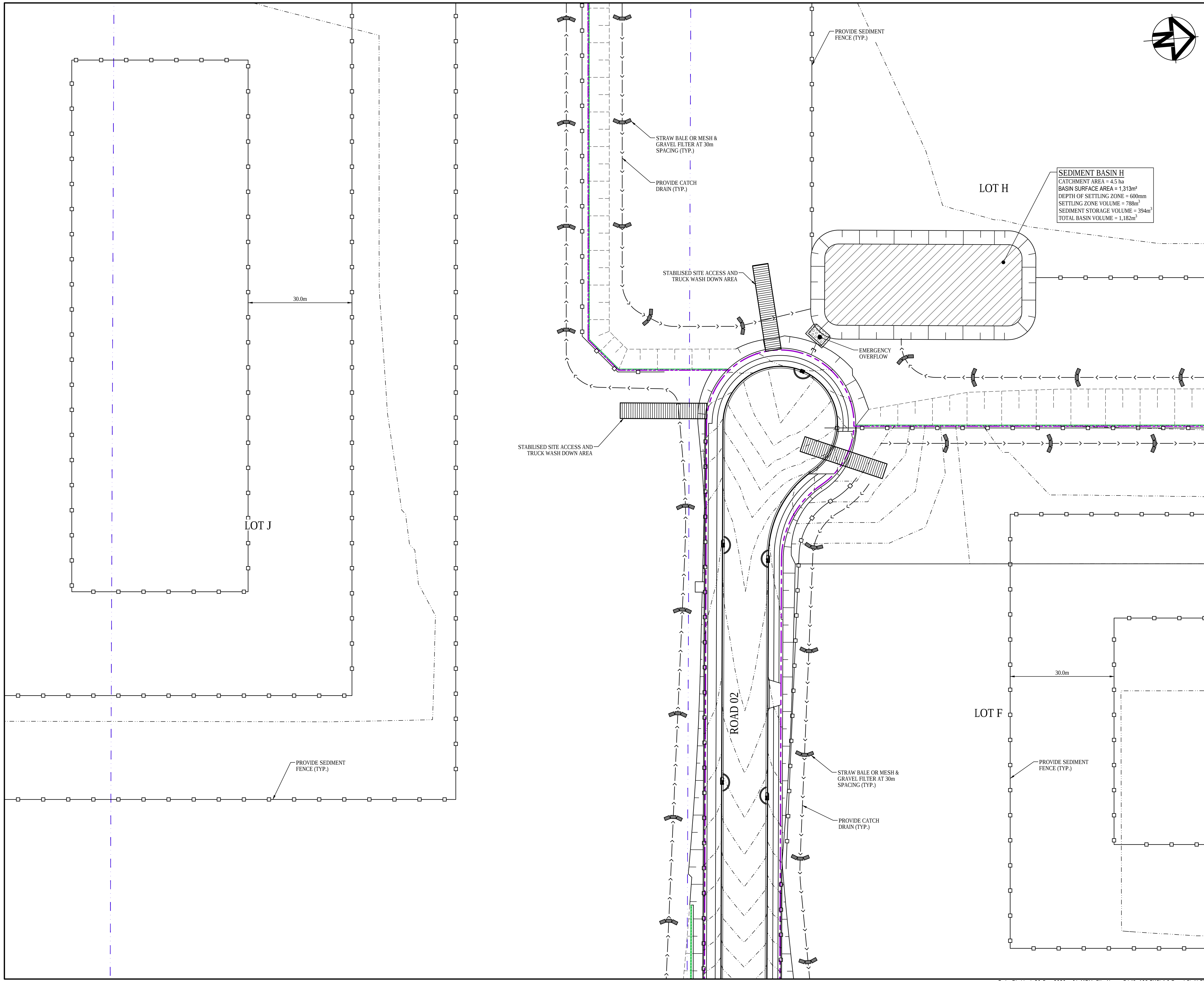
Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

EROSION AND SEDIMENT CONTROL PLAN
SHEET 5

Drawing No.	Project No.	Issue
19-609-C1115	19-609	A



KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE
- FUTURE WORKS

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	GDA94 MGA56	Approved	
Client	19-609-C1116.dwg		

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Project

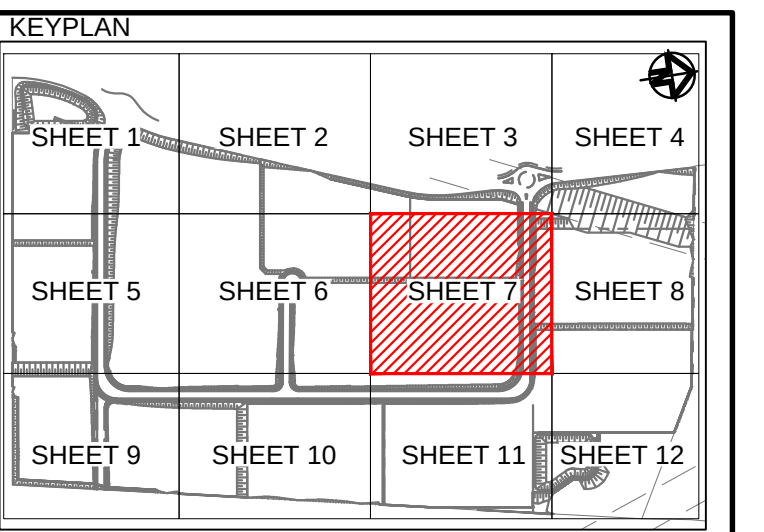
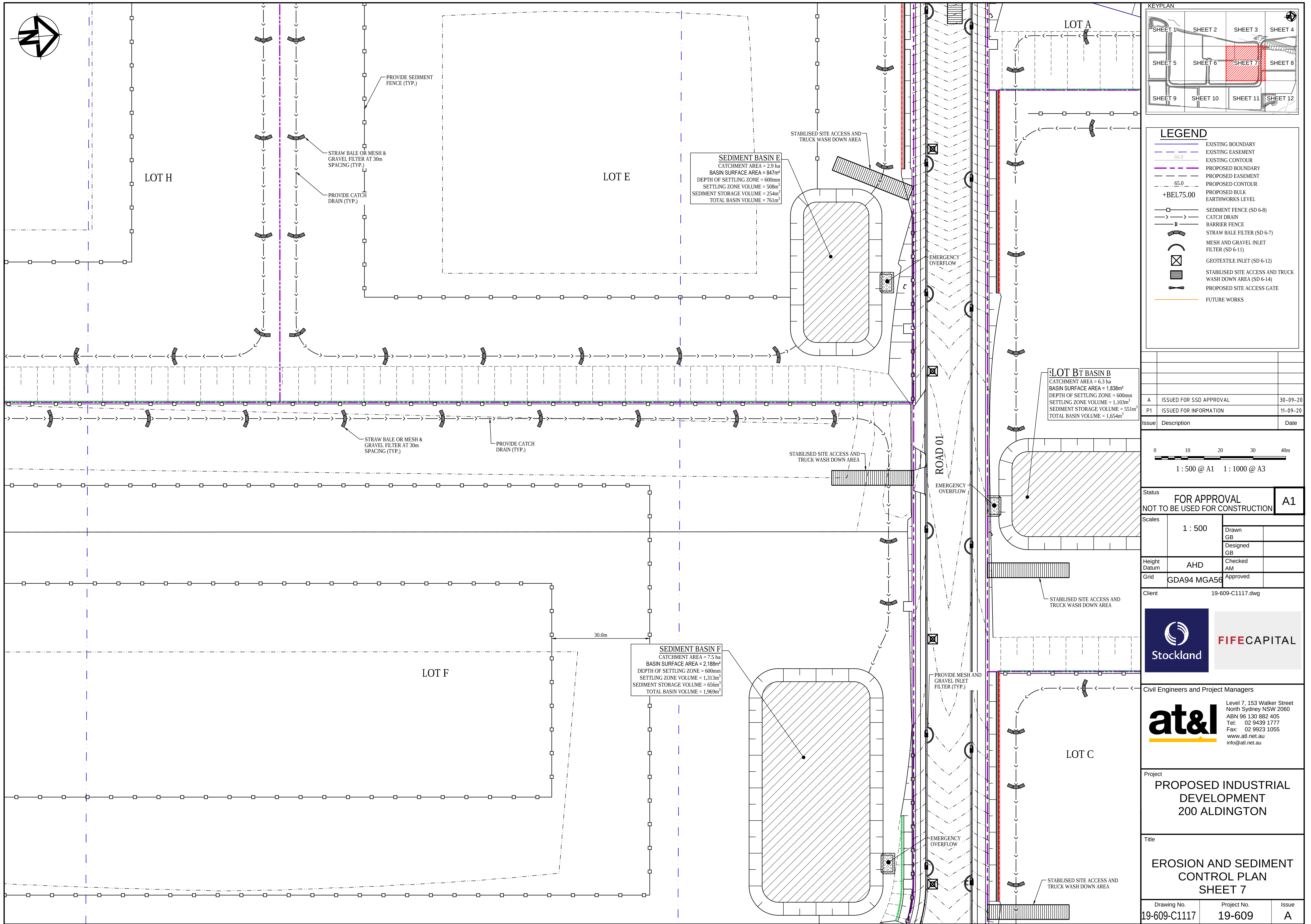
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title

**EROSION AND SEDIMENT CONTROL PLAN
SHEET 6**

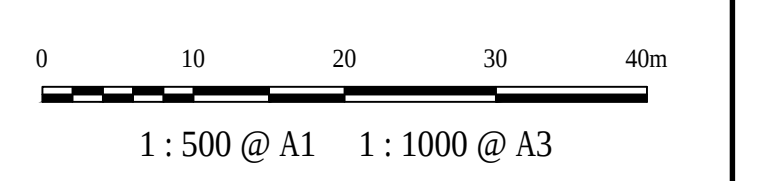
Drawing No. 19-609-C1116	Project No. 19-609	Issue A
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LEGEND	
	EXISTING BOUNDARY
	EXISTING EASEMENT
	EXISTING CONTOUR
	PROPOSED BOUNDARY
	PROPOSED EASEMENT
	PROPOSED CONTOUR
	PROPOSED BULK EARTHWORKS LEVEL
	SEDIMENT FENCE (SD 6-8)
	CATCH DRAIN
	BARRIER FENCE
	STRAW BALE FILTER (SD 6-7)
	MESH AND GRAVEL INLET FILTER (SD 6-11)
	GEOTEXTILE INLET (SD 6-12)
	STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
	PROPOSED SITE ACCESS GATE
	FUTURE WORKS

Issue	Description	Date
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	GDA94 MGA56	Approved		

Client 19-609-C1117.dwg

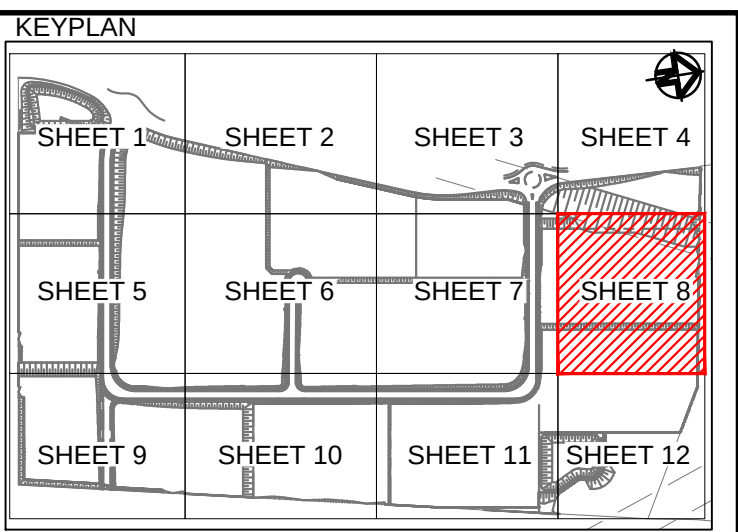
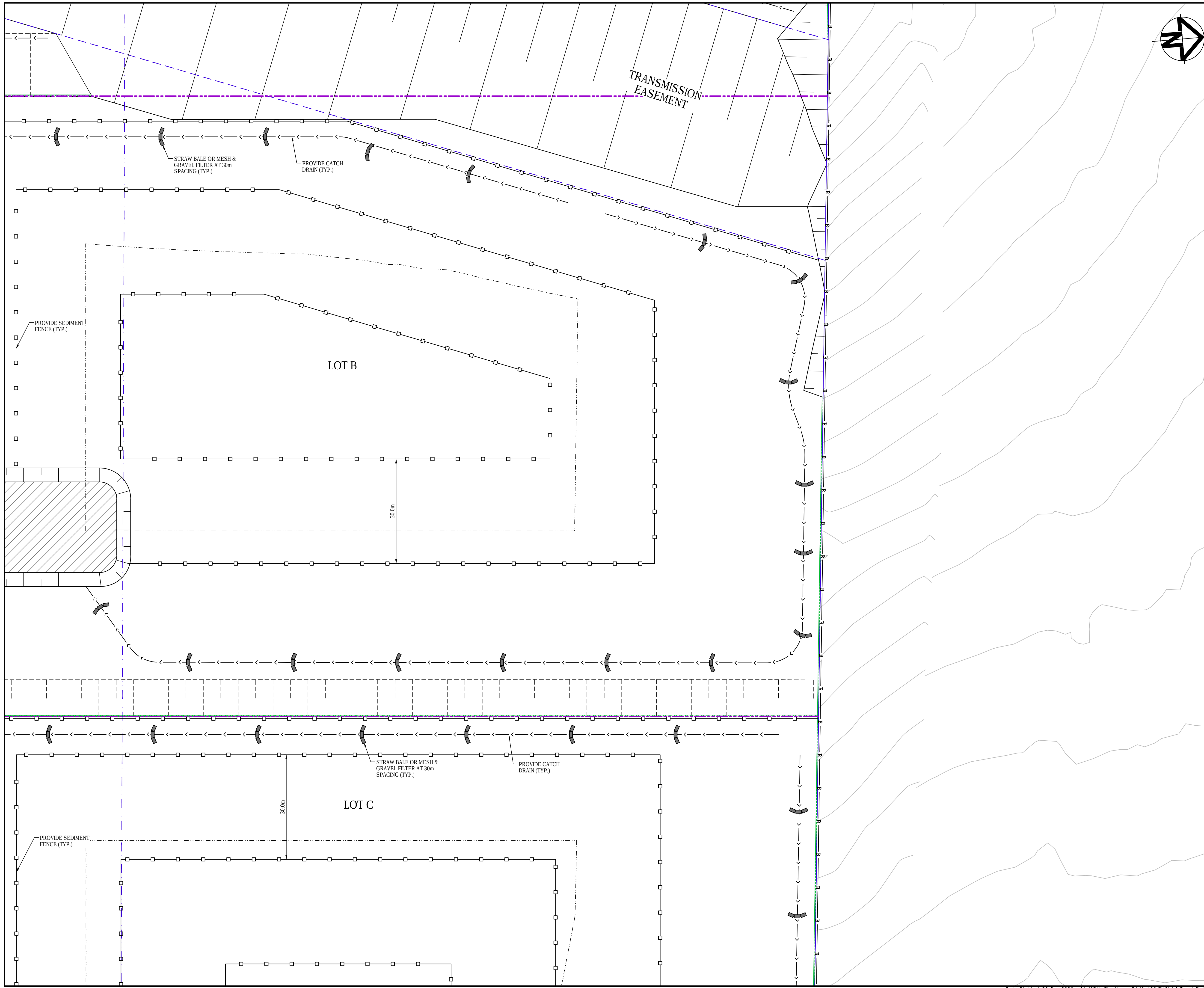


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Project
PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

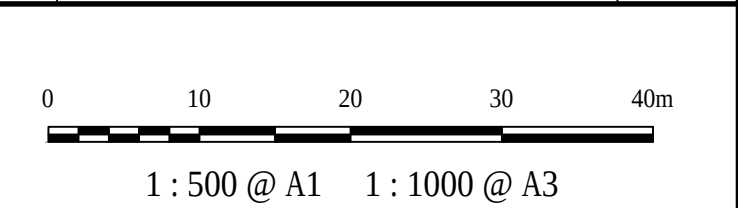
Title
EROSION AND SEDIMENT CONTROL PLAN
SHEET 7

Drawing No.	Project No.	Issue
19-609-C1117	19-609	A



LEGEND	
	EXISTING BOUNDARY
	EXISTING EASEMENT
	EXISTING CONTOUR
	PROPOSED BOUNDARY
	PROPOSED EASEMENT
	PROPOSED CONTOUR
	PROPOSED BULK EARTHWORKS LEVEL
	PROPOSED CONTOUR
	PROPOSED BULK EARTHWORKS LEVEL
	SEDIMENT FENCE (SD 6-8)
	CATCH DRAIN
	BARRIER FENCE
	STRAW BALE FILTER (SD 6-7)
	MESH AND GRAVEL INLET FILTER (SD 6-11)
	GEOTEXTILE INLET (SD 6-12)
	STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
	PROPOSED SITE ACCESS GATE
	FUTURE WORKS

Issue	Description	Date
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	GDA94 MGA56	Approved		

Client 19-609-C1118.dwg



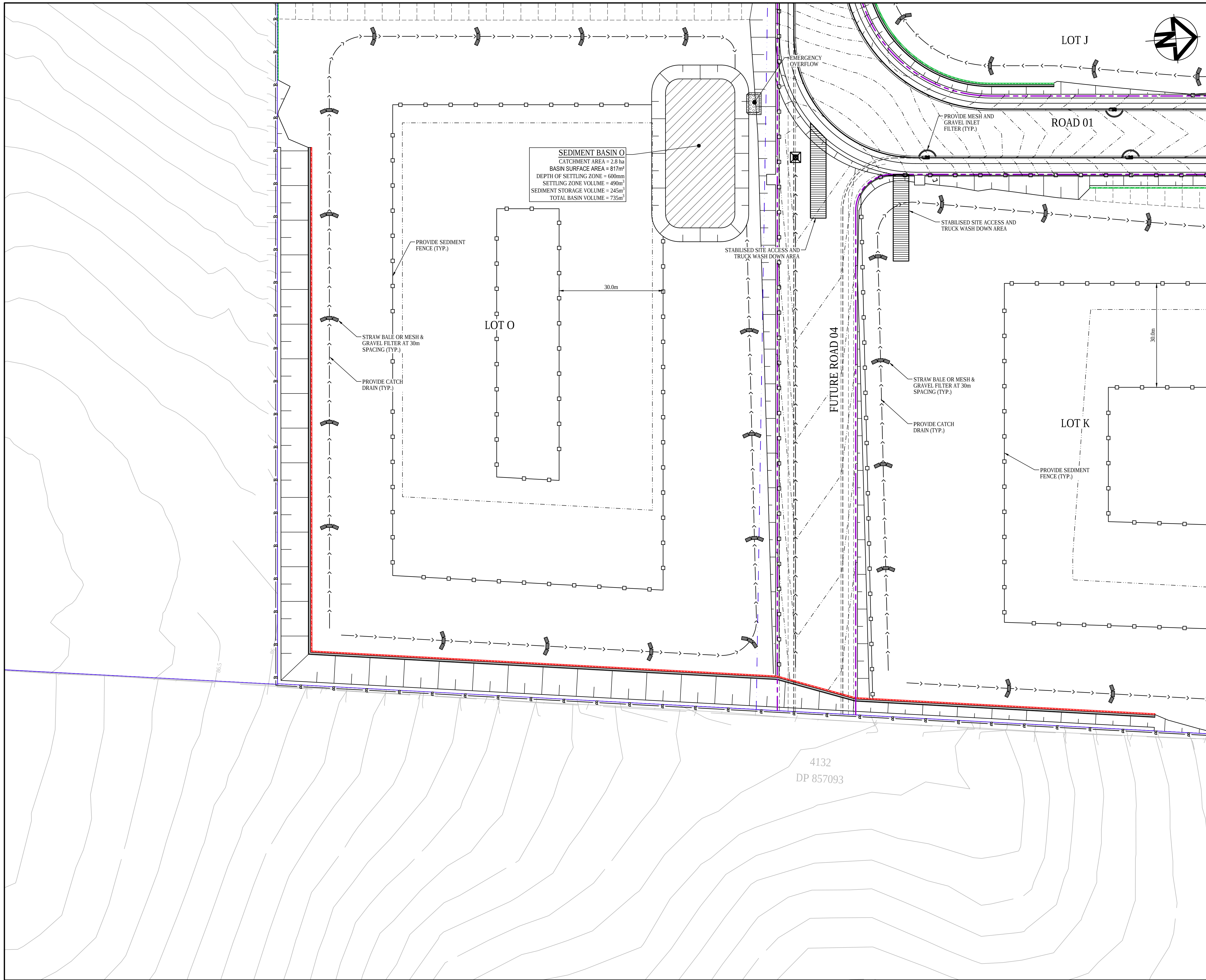
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Project
**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title
**EROSION AND SEDIMENT CONTROL PLAN
SHEET 8**

Drawing No. 19-609-C1118	Project No. 19-609	Issue A
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KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE
- FUTURE WORKS

Issue	Description	Date
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20

0 10 20 30 40m

1 : 500 @ A1 1 : 1000 @ A3

Status	FOR APPROVAL		A1
Scales	1 : 500	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1119.dwg

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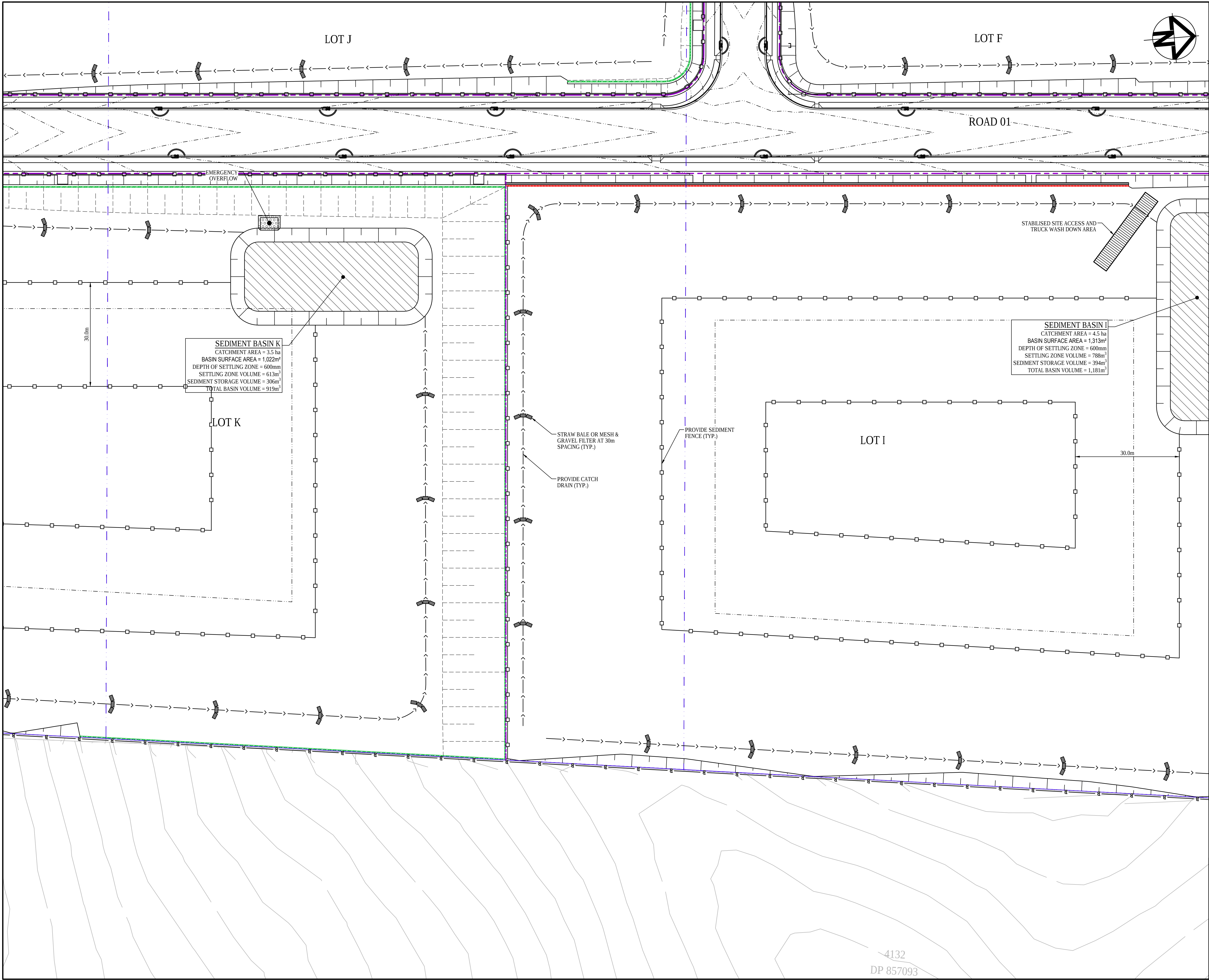
Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

EROSION AND SEDIMENT CONTROL PLAN
SHEET 9

Drawing No.	Project No.	Issue
19-609-C1119	19-609	A



KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE
- FUTURE WORKS

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	GDA94 MGA56	Approved	

Client 19-609-C1120.dwg

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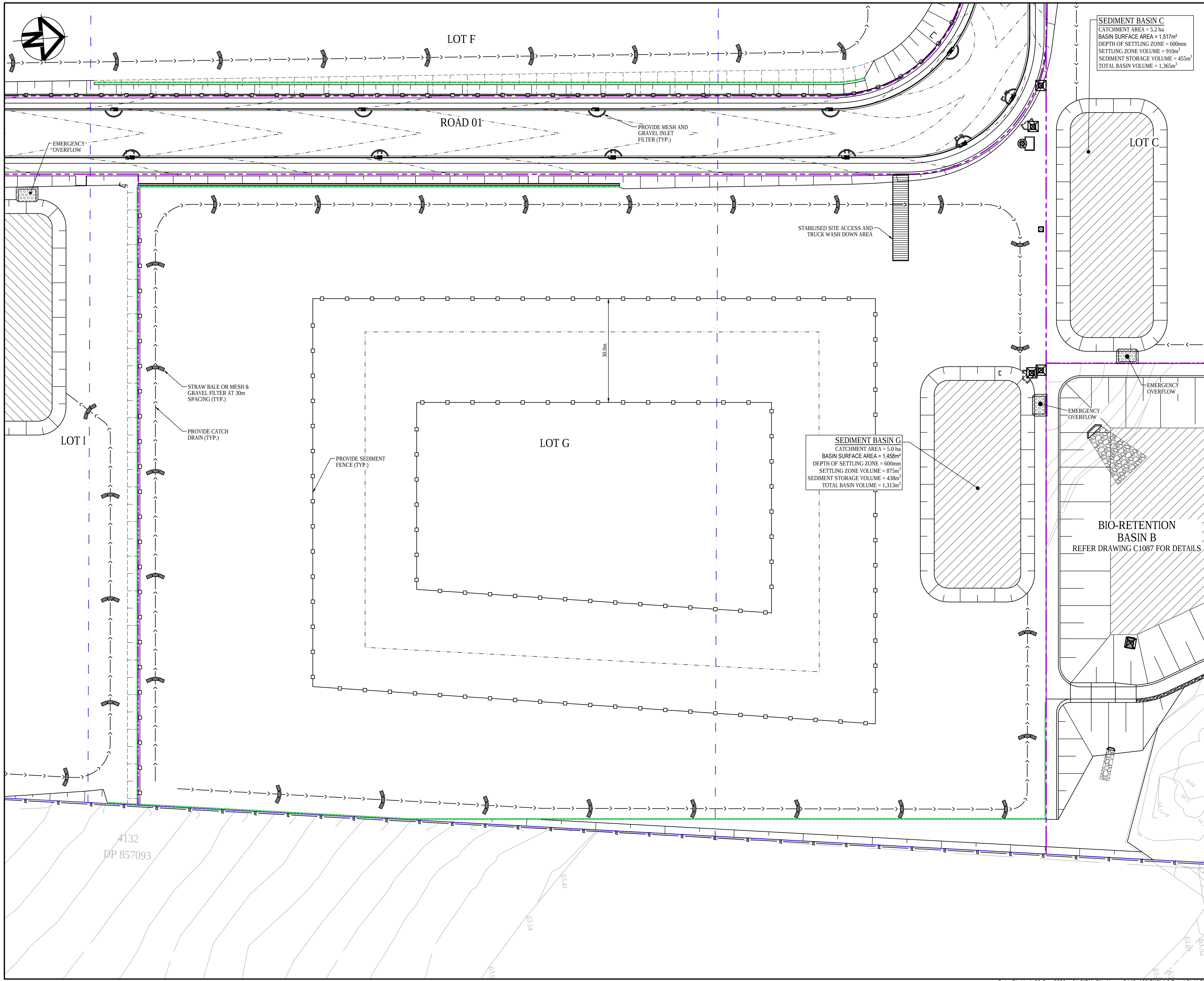
Project **PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title **EROSION AND SEDIMENT CONTROL PLAN
SHEET 10**

Drawing No. 19-609-C1120	Project No. 19-609	Issue A
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4132
DP 857093

Date Plotted: 30 Sep 2020 - 04:20PM File Name: F:\19-609 FK\6.0 Drgs\Civil\Final\SSDA\1000_Infrastructure Package\19-609-C1120.dwg



KEYPLAN

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

SEDIMENT FENCE (SD 6-8)

CATCH DRAIN

BARRIER FENCE

STRAW BALE FILTER (SD 6-7)

MESH AND GRAVEL INLET FILTER (SD 6-11)

GEOTEXTILE INLET (SD 6-12)

STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)

PROPOSED SITE ACCESS GATE

FUTURE WORKS

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

GDA94 MGA56

Approved

Client

19-609-C1121.dwg

Stockland

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Project

PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

EROSION AND SEDIMENT CONTROL PLAN
SHEET 11

Drawing No.

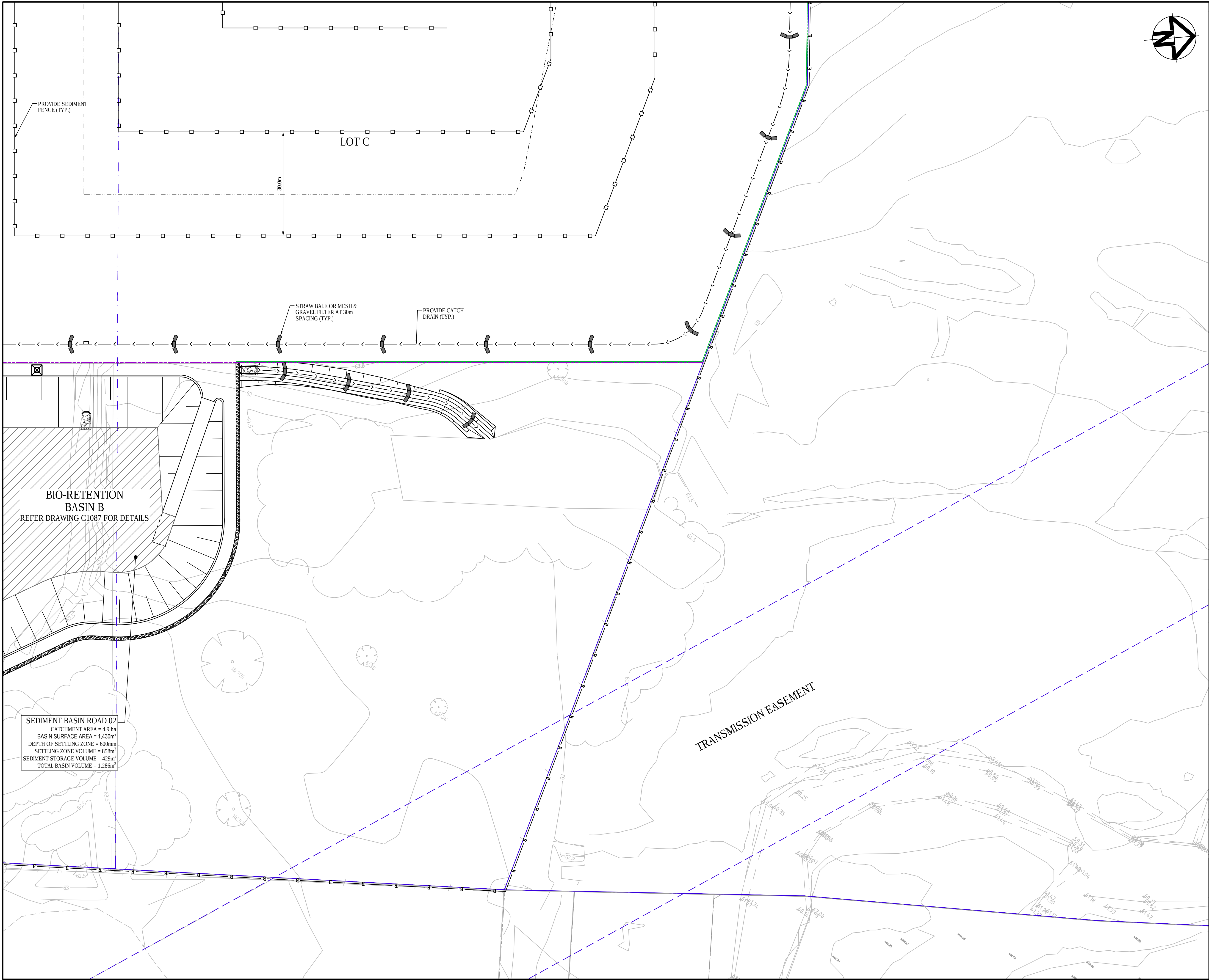
19-609-C1121

Project No.

19-609

Issue

A



KEYPLAN

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE
- FUTURE WORKS

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	GDA94 MGA56	Approved	
Client	19-609-C1122.dwg		

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PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON

Title

EROSION AND SEDIMENT CONTROL PLAN
SHEET 12

Drawing No.	Project No.	Issue
19-609-C1122	19-609	A

100mm on Original Date Plotted: 30 Sep 2020 - 04:22PM File Name: F:\19-609 FK\6.0 Drgs\Civil\Final\SSDA\1000_Infrastructure Package\19-609-C1122.dwg V1



Scales	AS SHOWN		
		Drawn GB	
		Designed GB	

Client	19-609-C1125.dwg
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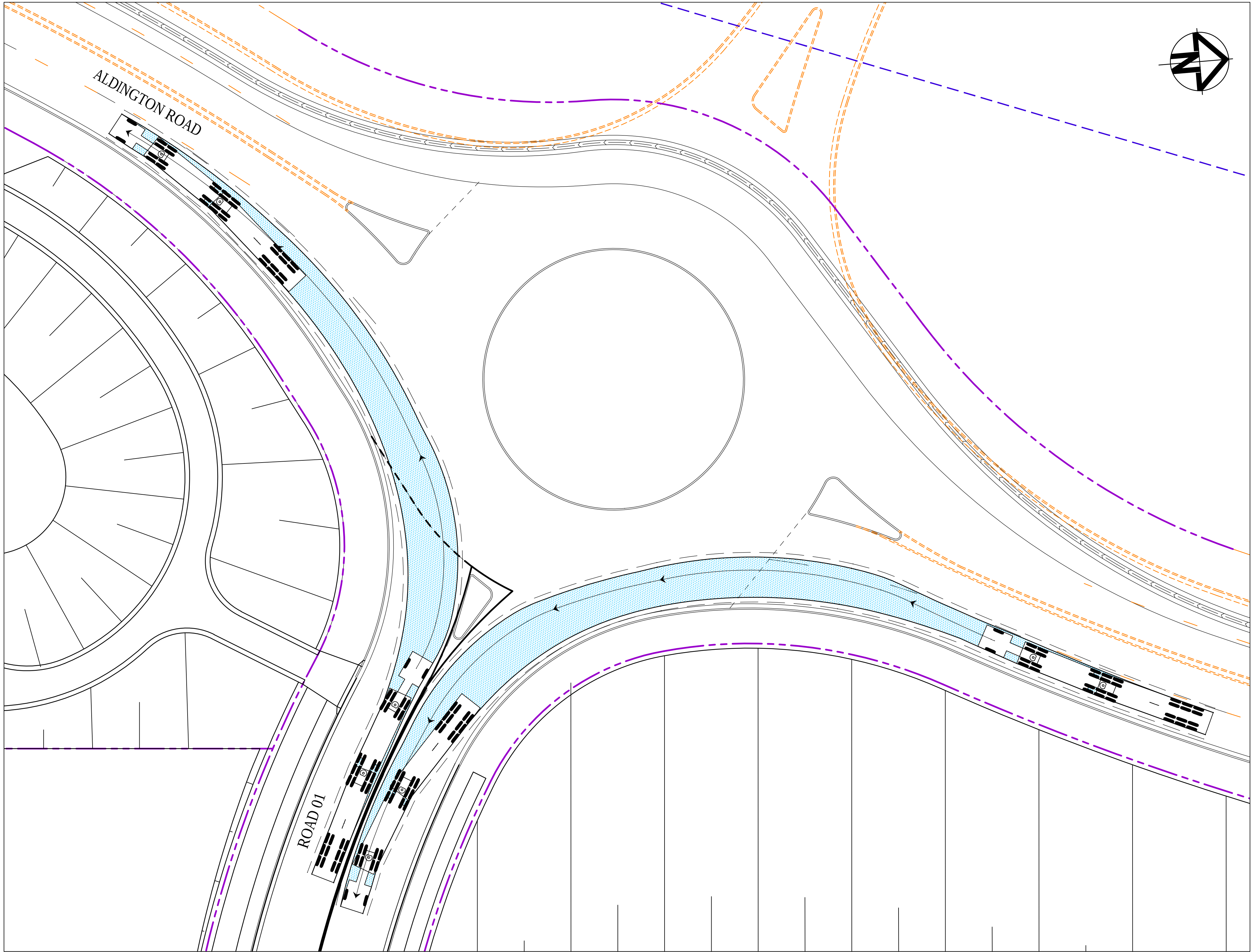
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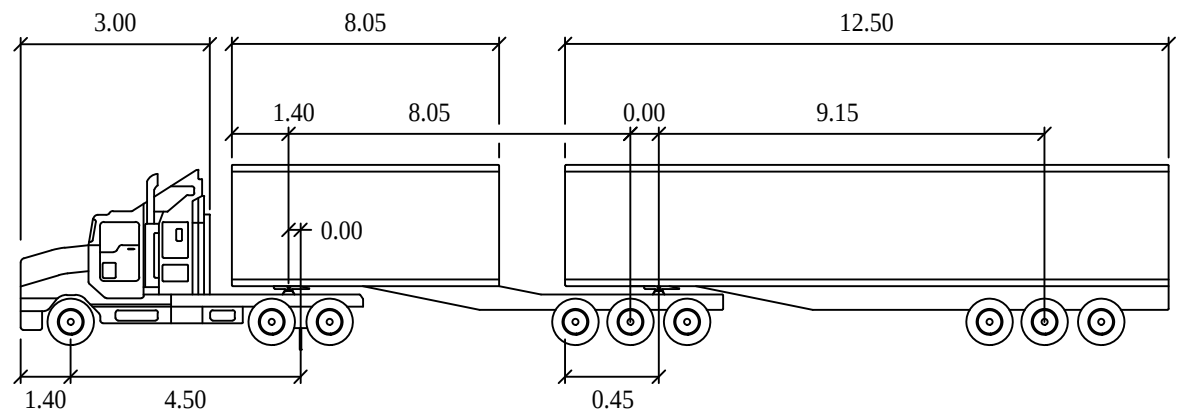
Title

EROSION AND SEDIMENT
CONTROL PLAN
DETAILS

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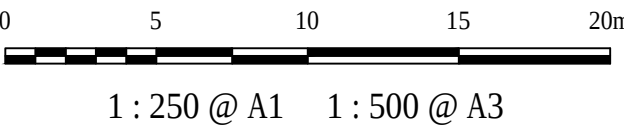


26.0m B-DOUBLE TURNING PATH PLAN
1 : 250



26m B-DOUBLE		METERS
TRACTOR WIDTH	: 2.50	LOCK TO LOCK TIME : 6.0
TRAILER WIDTH	: 2.50	STEERING ANGLE : 23.4
TRACTOR TRACK	: 2.50	ARTICULATING ANGLE : 70.0
TRAILER TRACK	: 2.50	

Issue	Description	Date
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
Scales	1 : 250	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1131.dwg

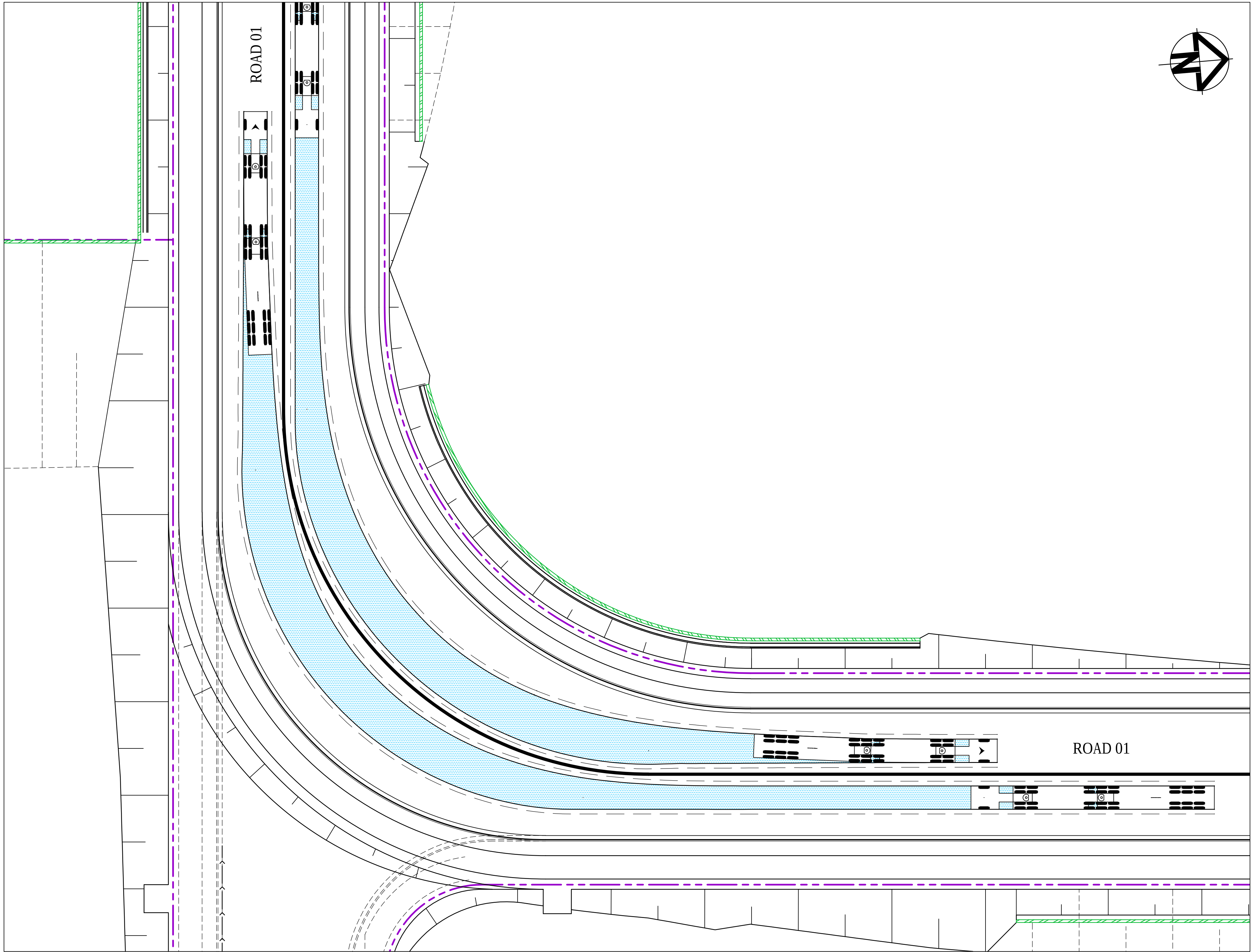


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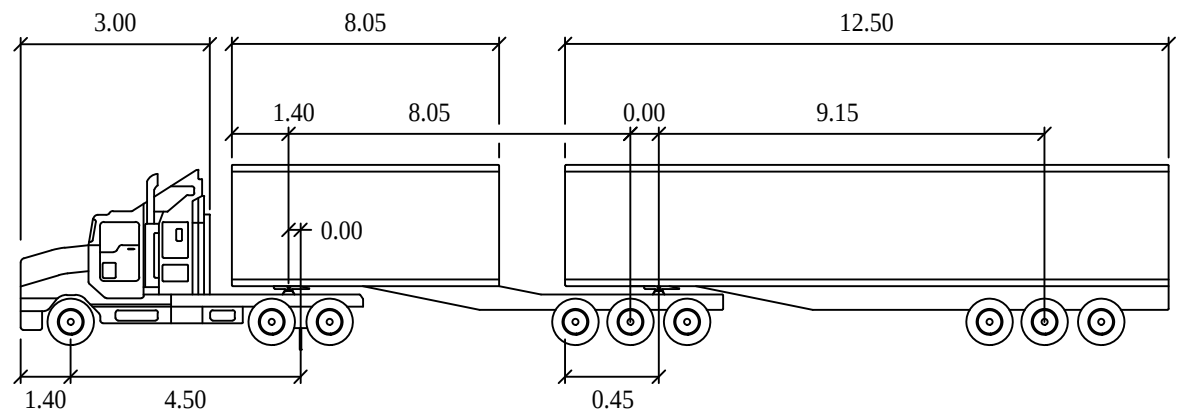
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title
**VEHICLE
TURNPATH PLAN
SHEET 1**

Drawing No. 19-609-C1131	Project No. 19-609	Issue A
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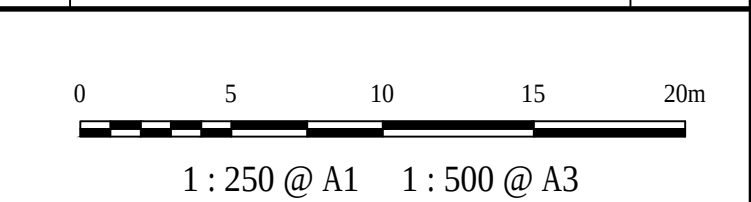


26.0m B-DOUBLE TURNING PATH PLAN
1 : 250



TRACTOR WIDTH	: 2.50	LOCK TO LOCK TIME	: 6.0
TRAILER WIDTH	: 2.50	STEERING ANGLE	: 23.4
TRACTOR TRACK	: 2.50	ARTICULATING ANGLE	: 70.0
TRAILER TRACK	: 2.50		

Issue	Description	Date
A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20



Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Scales	1 : 250	Drawn GB Designed GB
Height Datum	AHD	Checked AM
Grid	GDA94 MGA56	Approved

Client 19-609-C1132.dwg

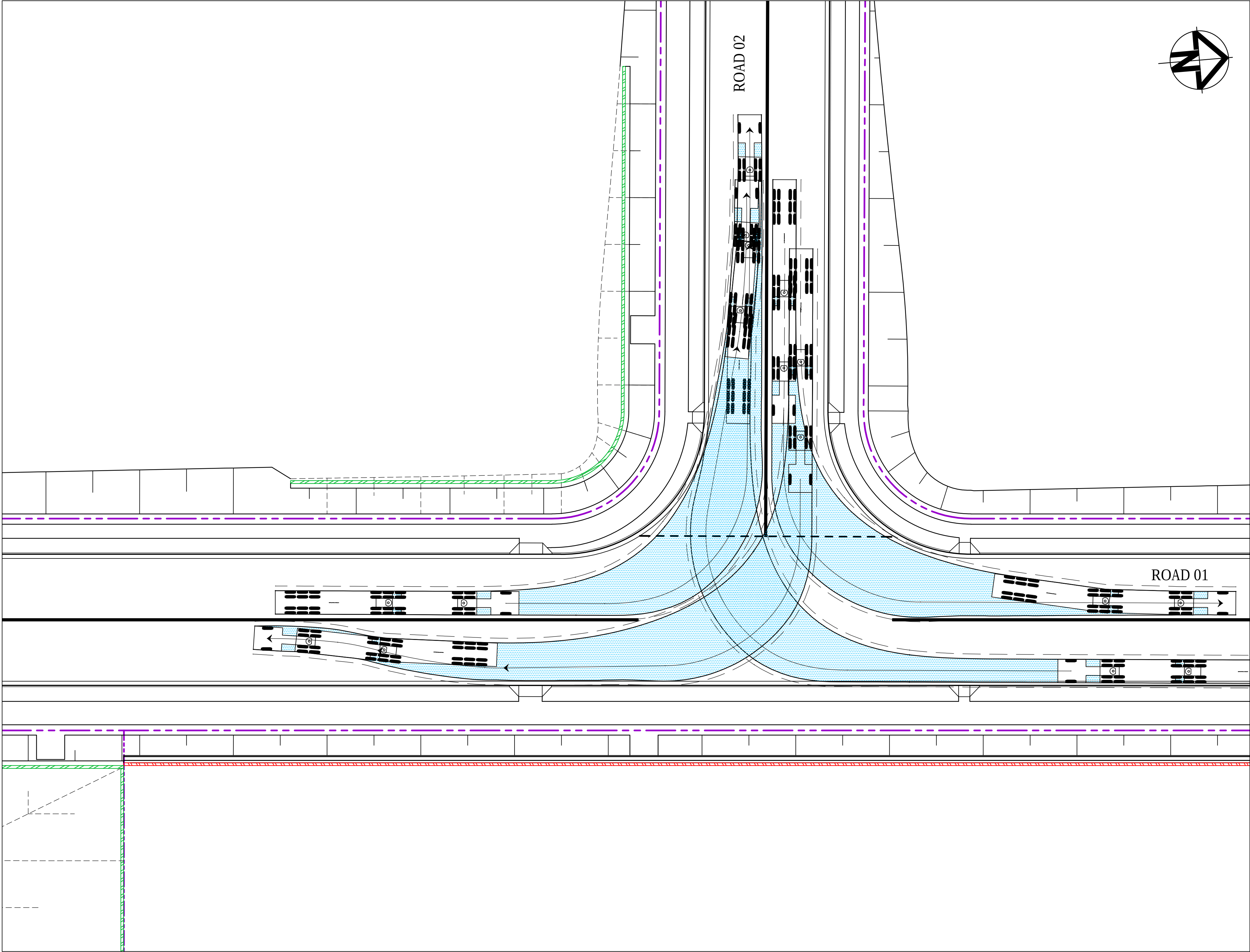


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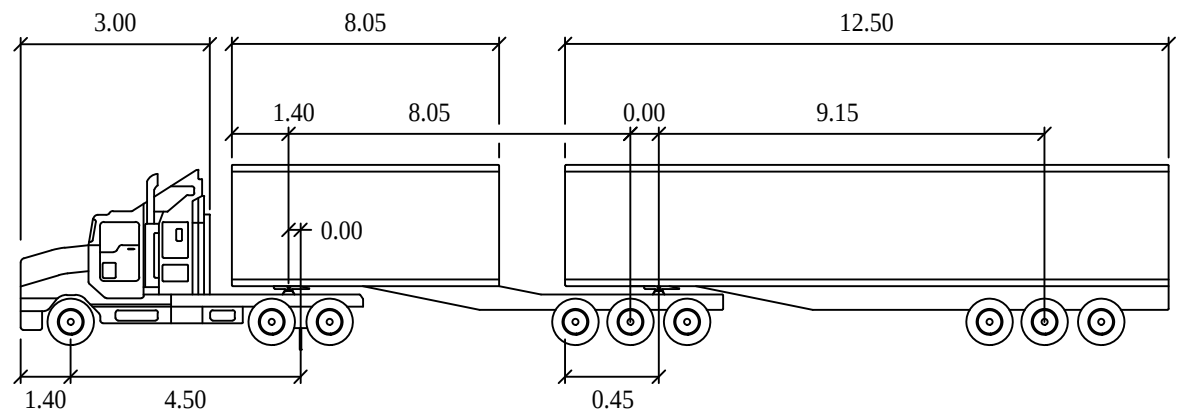
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title
**VEHICLE
TURNPATH PLAN
SHEET 2**

Drawing No. 19-609-C1132	Project No. 19-609	Issue A
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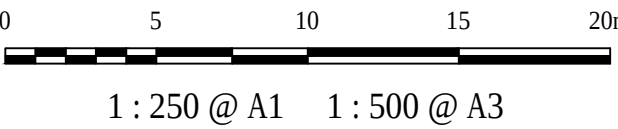


26.0m B-DOUBLE TURNING PATH PLAN
1 : 250



TRACTOR WIDTH	: 2.50	LOCK TO LOCK TIME	: 6.0
TRAILER WIDTH	: 2.50	STEERING ANGLE	: 23.4
TRACTOR TRACK	: 2.50	ARTICULATING ANGLE	: 70.0
TRAILER TRACK	: 2.50		

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	1 : 250	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1133.dwg

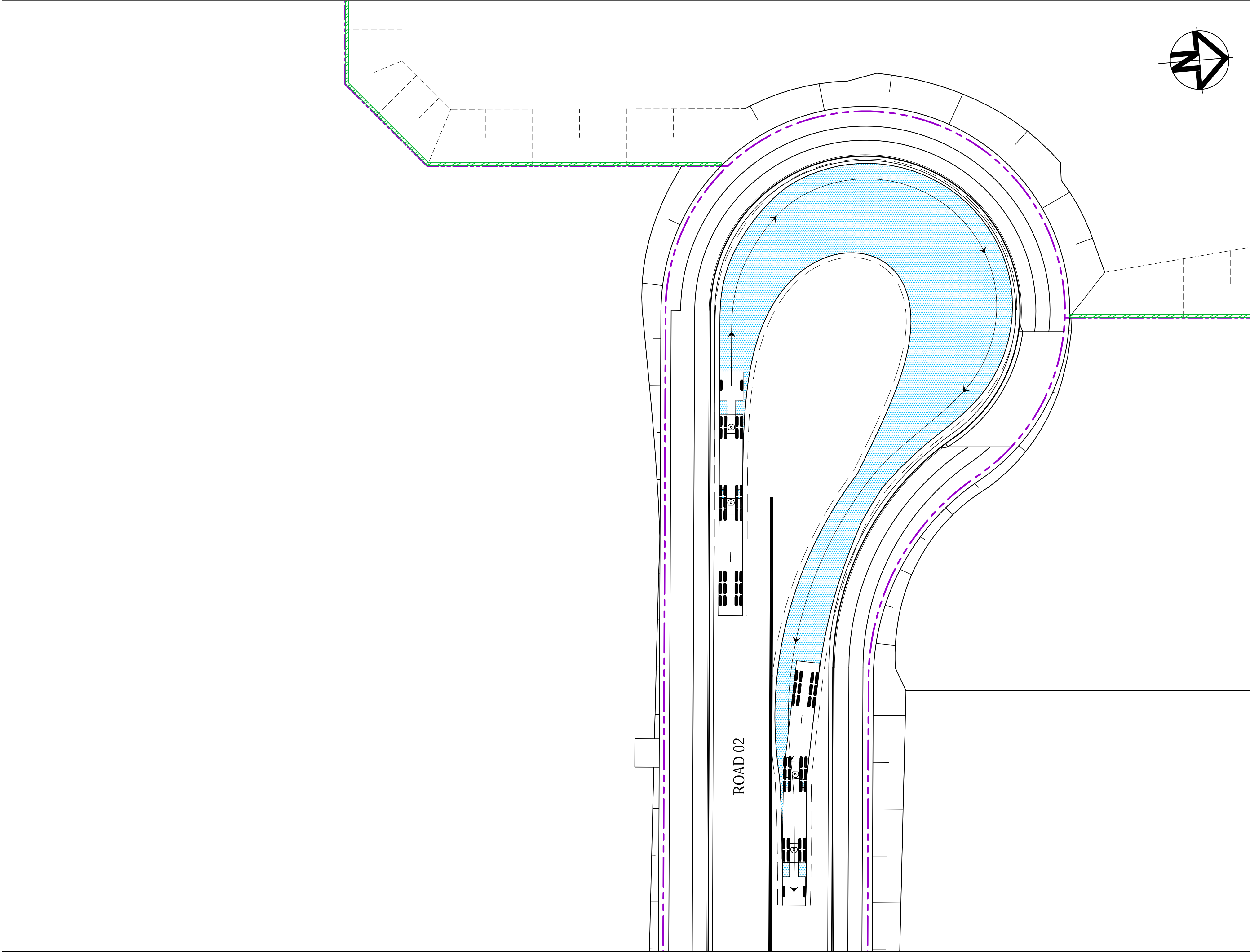


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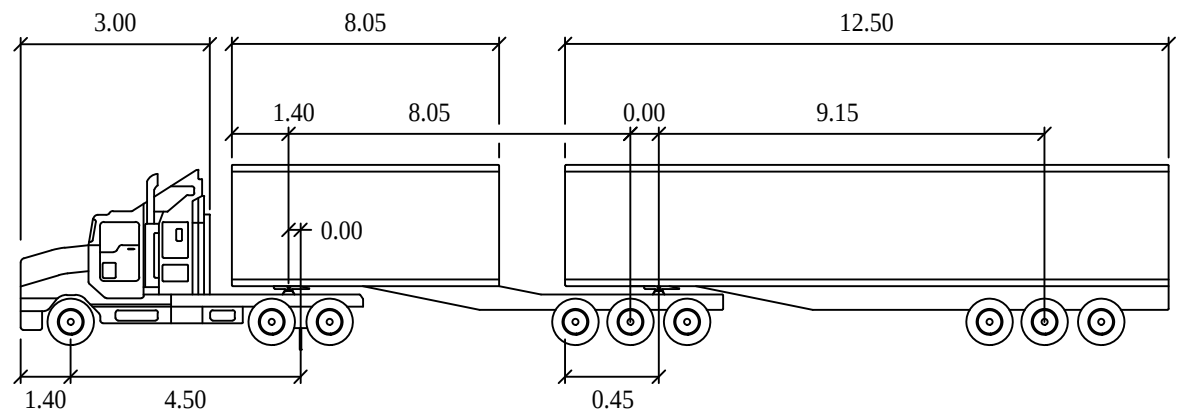
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title
**VEHICLE
TURNPATH PLAN
SHEET 3**

Drawing No. 19-609-C1133	Project No. 19-609	Issue A
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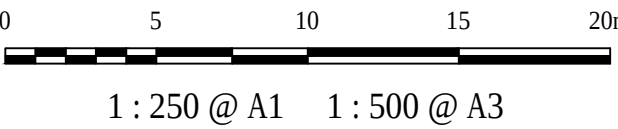


26.0m B-DOUBLE TURNING PATH PLAN
1 : 250



TRACTOR WIDTH	: 2.50	LOCK TO LOCK TIME	: 6.0
TRAILER WIDTH	: 2.50	STEERING ANGLE	: 23.4
TRACTOR TRACK	: 2.50	ARTICULATING ANGLE	: 70.0
TRAILER TRACK	: 2.50		

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	1 : 250	Drawn GB	
		Designed GB	
Height Datum	AHD	Checked AM	
Grid	GDA94 MGA56	Approved	

Client 19-609-C1134.dwg

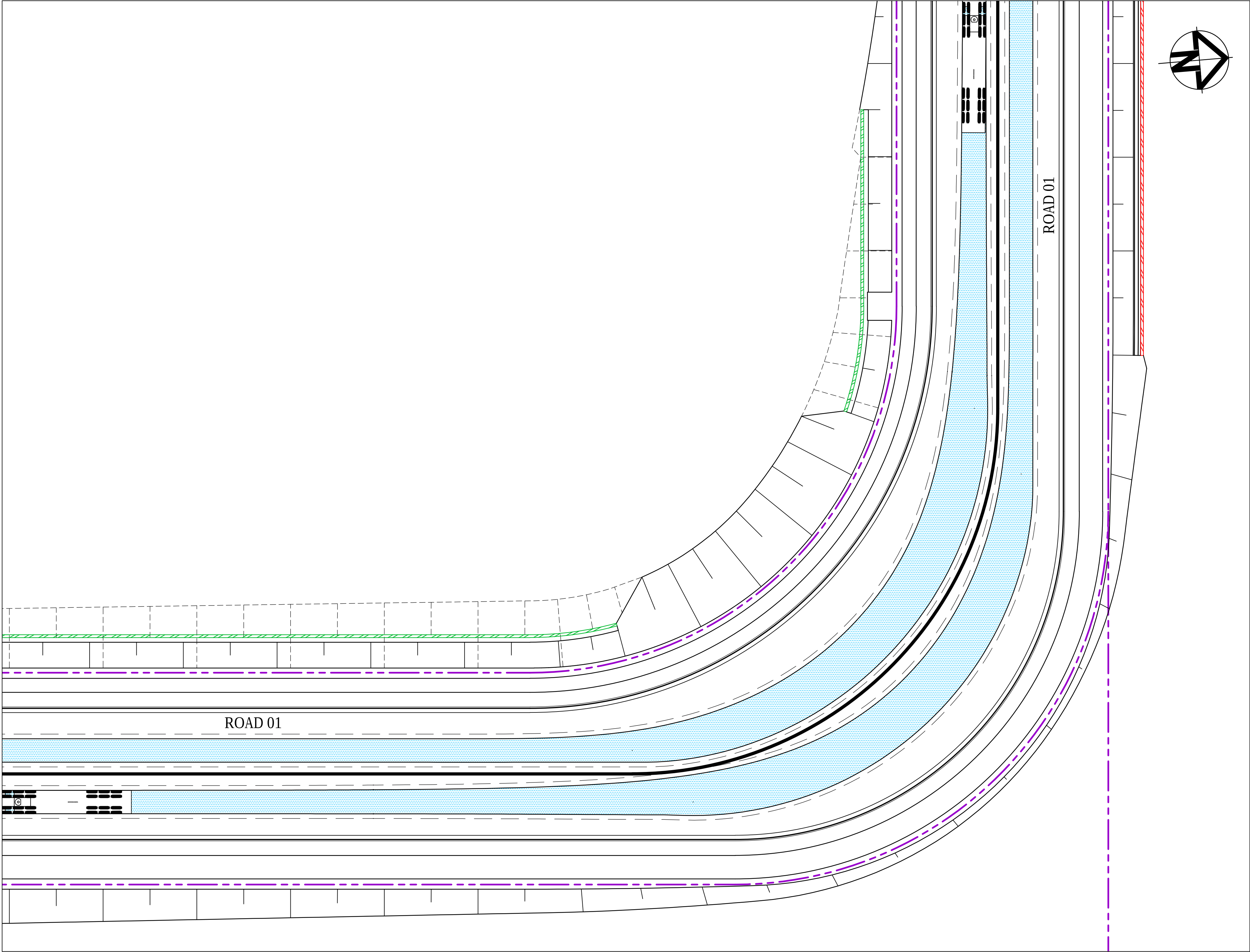


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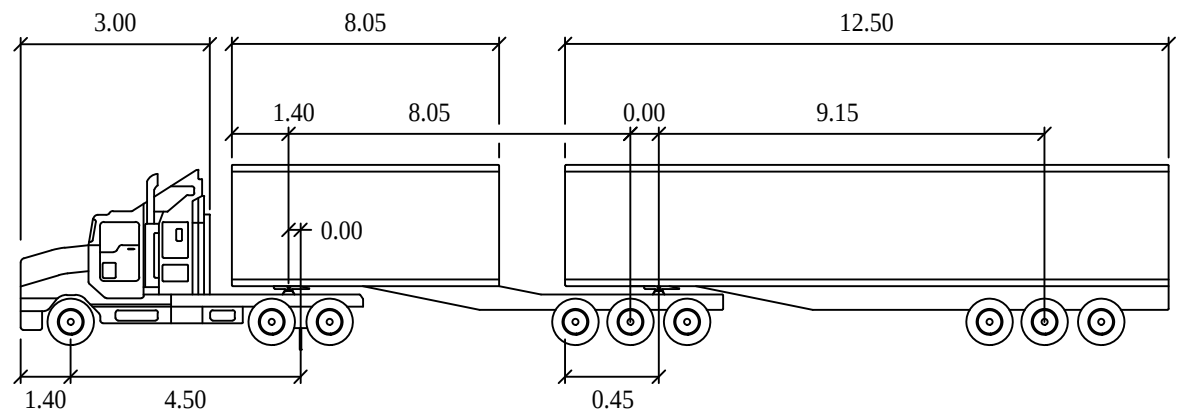
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title
**VEHICLE
TURNPATH PLAN
SHEET 4**

Drawing No. 19-609-C1134	Project No. 19-609	Issue A
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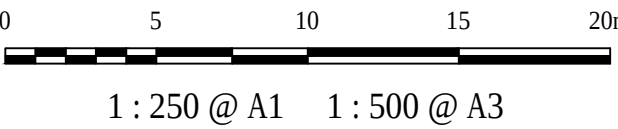


26.0m B-DOUBLE TURNING PATH PLAN
1 : 250



TRACTOR WIDTH	: 2.50	LOCK TO LOCK TIME	: 6.0
TRAILER WIDTH	: 2.50	STEERING ANGLE	: 23.4
TRACTOR TRACK	: 2.50	ARTICULATING ANGLE	: 70.0
TRAILER TRACK	: 2.50		

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	1 : 250	Drawn GB	
		Designed GB	
		Checked AM	
Height Datum	AHD	Approved	
Grid	GDA94 MGA56		

Client 19-609-C1135.dwg

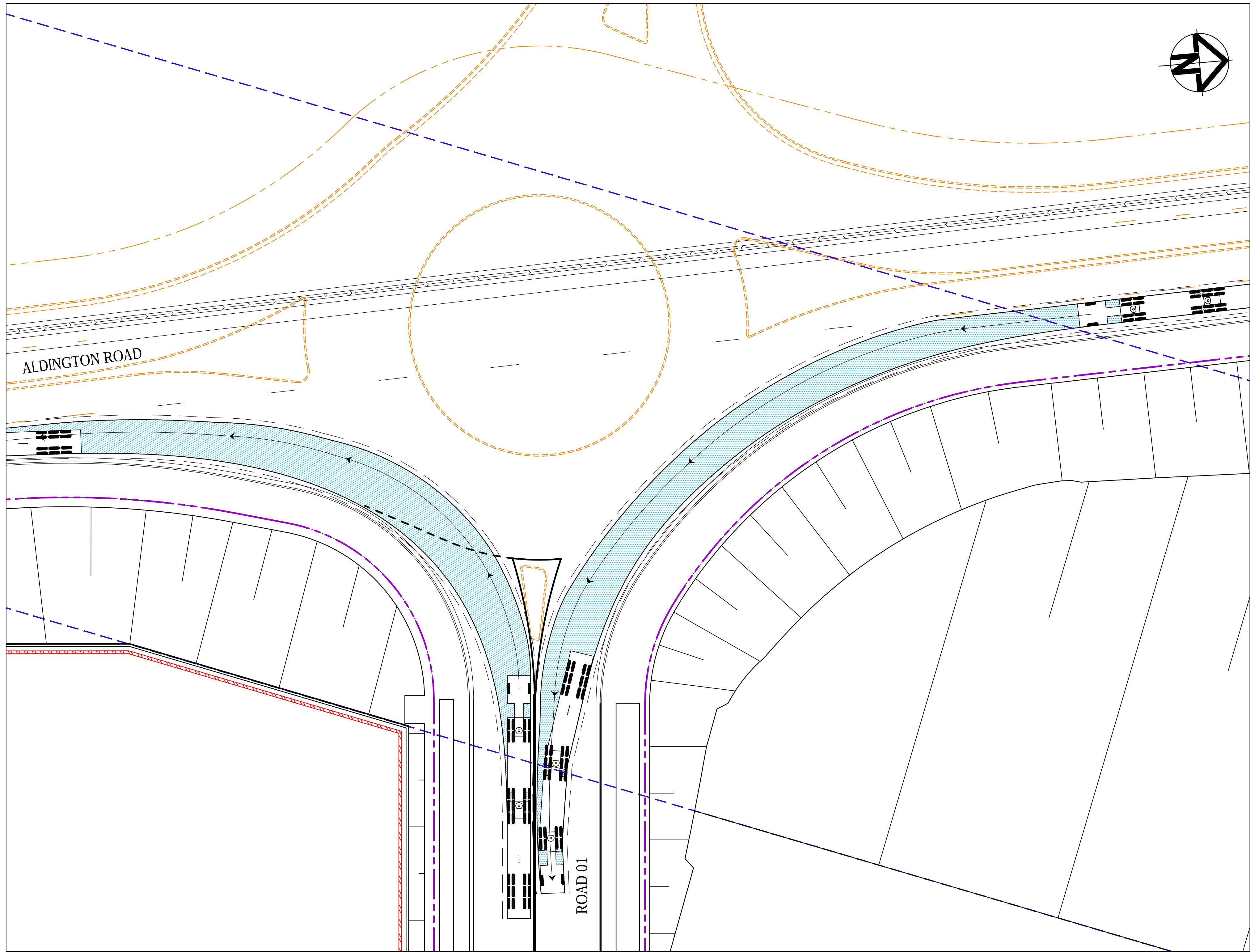


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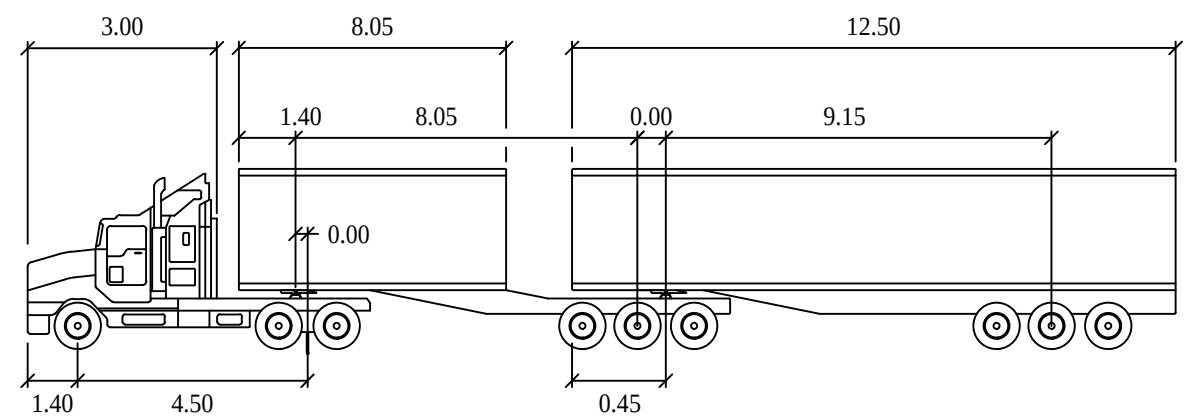
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT
200 ALDINGTON**

Title
**VEHICLE
TURNPATH PLAN
SHEET 5**

Drawing No. 19-609-C1135	Project No. 19-609	Issue A
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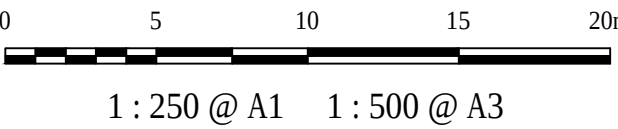


26.0m B-DOUBLE TURNING PATH PLAN
1 : 250



26m B-DOUBLE METERS	
TRACTOR WIDTH	: 2.50
TRAILER WIDTH	: 2.50
TRACTOR TRACK	: 2.50
TRAILER TRACK	: 2.50
LOCK TO LOCK TIME	: 6.0
STEERING ANGLE	: 23.4
ARTICULATING ANGLE	: 70.0

A	ISSUED FOR SSD APPROVAL	30-09-20
P1	ISSUED FOR INFORMATION	11-09-20
Issue	Description	Date



Status		FOR APPROVAL		A1
		NOT TO BE USED FOR CONSTRUCTION		
Scales	1 : 250			
		Drawn GB		
		Designed GB		
Height Datum	AHD	Checked AM		
Grid	GDA94 MGA56	Approved		

Client 19-609-C1136.dwg



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Project

**PROPOSED INDUSTRIAL DEVELOPMENT
200 ALDINGTON**

Title

**VEHICLE TURNPATH PLAN
SHEET 6**

Drawing No.	Project No.	Issue
19-609-C1136	19-609	A