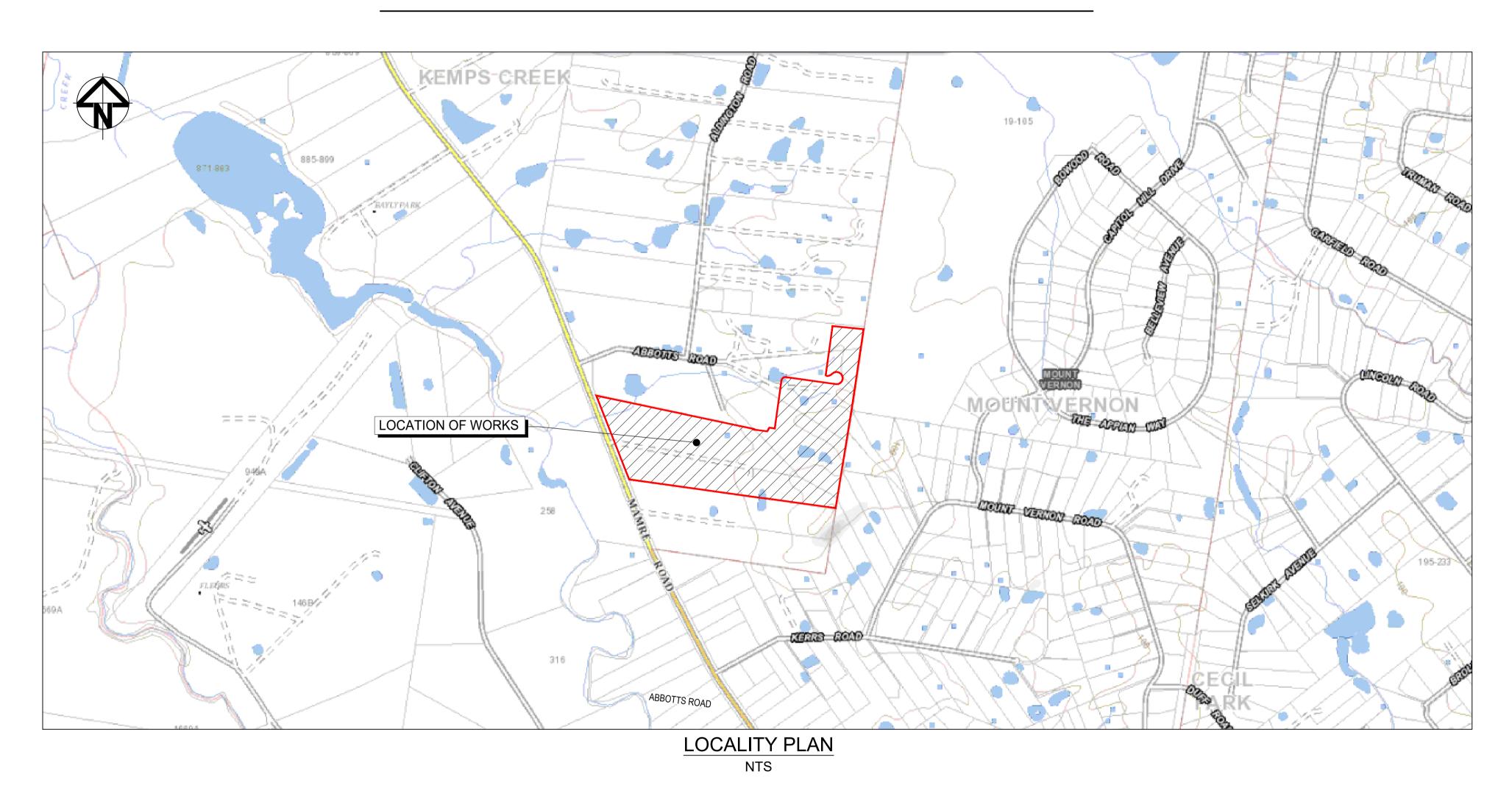
WESTLINK KEMPS CREEK

CIVIL WORKS PACKAGE - INFRASTRUCTURE WORKS - STAGE 2 STATE SIGNIFICANT DEVELOPMENT APPLICATION RTS-SSD-46983729



		Bar Scales	Client	Scales		Drawn	LM
					N.T.S.	Designed	LM
				Grid	MGA2020	Checked	AT
E ISSUED FOR DEVELOPMENT APPLICATION	24-01-25		FCD	Height	ALID	Approved	AT
D ISSUED FOR DEVELOPMENT APPLICATION	27-09-23			Datum	AHD		A
C ISSUED FOR DEVELOPMENT APPLICATION	12-09-23		LJK				
B ISSUED FOR DEVELOPMENT APPLICATION	23-02-23				GD	A2020	
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Scales	NTO	Drawn	LM	Project
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Height Datum	AHD	Approved	AT	

KEMPS CREEK

COVER SHEET

PROPOSED INDUSTRIAL

DEVELOPMENT

WESTLINK

Civil Engineers and Project Managers

North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au

FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No.

20-748-C5000

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20-748-C5005	GENERAL ARRANGEMENT PLAN
20-748-C5010	TYPICAL ROAD SECTIONS SHEET 1
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20-748-C5012	TYPICAL SITE SECTIONS SHEET 1
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Issue Description Date



Client

Scales	NTC	Drawn	LM	Prog
	N.T.S.	Designed	LM	
Grid	MGA2020	Checked	AT	
Height Datum	AHD	Approved	AT	
Datum				Title

GDA2020

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Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

DRAWING LIST

Civil Engineers and Project Managers

Level 7, 153
North Sydney
ABN 96 130

at&l

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

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Project - Drawing No.
20-748-C5001

Issue

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 COMAPACTED IN 150mm LAYERS TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. OR A DENSITY INDEX OF NOT LESS THAN 75
- 6. PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN BUILDINGS AND ALL CONCRETE OR UNIT PAVEMENTS.
- 7. ASPHALTIC CONCRETE SHALL CONFORM TO R.M.S SPECIFICATION R116
- 8. ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S FORM 3051 (UNBOUND), R.M.S FORM 3052 (BOUND) COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1
- TEST PER 50m OF BASECOURSE MATERIAL PLACED.
- 9. ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S FORM 3051, 3051.1 AND COMPACTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH A.S 1289 5.2. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m OF SUB-BASE COURSE MATERIAL PLACED.
- 10. AS AN ALTERNATIVE TO THE USE OF IGNEOUS ROCK AS A SUB-BASE MATERIAL IN (9) A CERTIFIED RECYCLED CONCRETE MATERIAL COMPLYING WITH R.M.S FORM 3051 AND 3051.1 WILL BE CONSIDERED SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BEING PROVIDED TO THE SATISFACTION OF AT & L.
- 11. SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THE CONTRACTOR IS TO SEEK ACCEPTANCE OF THE PRODUCT FROM AT&L. THE PRICE DIFFERENCE BETWEEN AN IGNEOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.
- 12. WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (eg. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS.

SURVEY NOTES

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS 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.

- THE BOUNDARIES HAVE APPOROXIMATELY BEEN SURVEYED IN ACCORDANCE WITH CLAUSE 9 OF THE SURVEYING & SPATIAL
- AVAILABLE BY NSW LAND REGISTRY SERVICES AND ARE SUBJECT TO FINAL SURVEY
- ORIGIN OF COORDINATES HAS BEEN DERIVED USING GPS (GNSS) SURVEY FROM SSM33562
- ORIGIN OF LEVELS ON A.H.D. IS TAKEN FROM PM178274 USING GPS
- CONTOUR INTERVAL 0.5 m
- CONTOURS ARE INDICATIVE ONLY. ONLY SPOT LEVELS SHOULD BE USED
- 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
- SHOWS APPROXIMATE POSITION OF ROAD LINEMARKING AND IS INDICATIVE ONLY
- 10. BEARINGS SHOWN ARE MGA (MAP GRID OF AUSTRALIA) ADD APPROX.
- 11. TREE SIZES ARE ESTIMATES ONLY

ISSUED FOR DEVELOPMENT APPLICATION

Description

- HAVE BEEN CARRIED OUT TO CONFIRM UNDERGROUND LOCATION. SERVICE DETAILS SHOULD BE CONFIRMED WITH THE RELEVANT SERVICE AUTHORITY DURING DESIGN AND PRIOR TO ANY CONSTRUCTION
- 14. ALL DIMENSIONS MUST BE VERIFIED ON SITE PRIOR TO ANY
- 15. THE POSITION OF SURVEYED DATA HAS BEEN LOCATED AND IS SHOWN TO TOPOGRAPHIC ACCURACIES. IF CLEARANCES TO BOUNDARIES OR OTHER FEATURES ARE CRITICAL AND DIMENSIONS ARE NOT SHOWN FURTHER SURVEY MAY BE REQUIRED
- 16. BOUNDARIES ARE APPROXIMATE AND WILL REQUIRE FURTHER DEFINITION
- 17. ANY CONSTRUCTION ON OR NEAR BOUNDARIES WILL REQUIRE FURTHER SURVEY IN ORDER THAT MARKS DEFINING BOUNDARIES CAN BE PLACED

SURVEY NOTES CONTINUED

DURING THE COURSE OF THE SURVEY DISCREPANCIES BETWEEN MARKS PLACED IN DP 253503 WERE DETERMINED. PRIOR TO ANY CONSTRUCTION WORK WE RECOMMEND A PLAN OF REDEFINITION BE LODGED AT LRS TO "LOCK IN" SITE BOUNDARIES.

The title boundaries shown hereon were not marked at the time of survey and have been determined by plan dimensions only and not by field survey.

Services shown hereon have been located where possible by field survey. If not able to be so located, services have been plotted from the records of relevant authorities where available and have been noted accordingly on the plan. Where such records do not exist or are inadequate a notation has been made hereon.

Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services

CONCRETE NOTES

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

ELEMENT	AS 3600 F'c 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 _ _ BAR GRADE AND TYPE

NOMINAL BAR SIZE IN mm | LSPACING IN mm

THE FIGURE FOLLOWING THE FABRIC SYMBOL SL IS THE REFERANCE NUMBER FOR FABRIC TO AS 1304.

8. FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING



KERBING NOTES

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

STORMWATER DRAINAGE NOTES

- (A) AVERAGE RECURRENCE INTERVAL 1:100 YEARS MAJOR STORM (OVERLAND FLOW) AND PIPED NETWORK 1:20 YEARS MINOR STORM (PIPED NETWORK) (B) RAINFALL INTENSITIES:
- TIME OF CONCENTRATION: 6 MINUTES 1:100 YEARS= 219 mm/hr 1:20 YEARS= 167 mm/hi (C) RUNOFF COEFFICIENTS:
- ROOF AREAS: C 100 =1.0 EXTERNAL PAVEMENTS: C 100 =1.0
- . PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '3' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS. U.N.O. ALL ROAD CROSSINGS TO BE CLASS '4' U.N.O
- PIPES UP TO 300 DIA SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
- . EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED, SUBJECT TO THE APPROVAL OF PENRITH CITY COUNCIL.
- . 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
- E. 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)
- . ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (1998) AND AS/NZS 3500 3.2
- PRECAST PITS MAY BE USED EXTERNAL TO THE BUILDING SUBJECT TO APPROVAL BY AT & L.
- ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
-). WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC SEWER GRADE PIPE IS TO BE USED. 1. 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.
- . 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.
- . 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.
- 3. TRIM THE EMBANKMENTS BATTERS TO THE OVERFILLED MATERIAL, STABILIZE THE UPSTREAM CLAY BATTERS WITH WELL MIXED GYPSUM (3% BY DRY MASS, MIN.) 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.
- 1. WATER AND FERTILIZE LANDSCAPE AS REQUIRED BY CLIMACTIC 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 FPA REQUIREMENTS c. NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH
- 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
- (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 20 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
- 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
- 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

OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE

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

300 MILLIMETRES DEPTH

EROSION AND SEDIMENT CONTROL NOTES CONTINUED

STAGING

ENGINEERS.

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

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).

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).

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

NOTE:

THESE DRAWINGS ARE TO READ IN CONJUNCTION WITH DRAWING SET 20-748-6000

FINISHED SURFACE LEVELS

ALL FINISHED SURFACE LEVELS ARE ±1000mm U.N.O.



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

Level 7, 153 Walker Street

North Sydney NSW 2060 ABN 96 130 882 405

Tel: 02 9439 1777

Fax: 02 9923 1055

www.atl.net.au

info@atl.net.au

CONTRACTOR SHALL CALL;

Datum

Client

Scales

N.T.S.

MGA2020

GDA2020

Designed

Checked

GENERAL NOTES

PROPOSED INDUSTRIAL

DEVELOPMENT

WESTLINK

KEMPS CREEK

FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No.

Civil Engineers and Project Managers

Issue 20-748-C5002

HAVE BEEN INVESTIGATED BY LANDPARTNERS, 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

INFORMATION REGULATION 2017 ALL AREAS AND DIMENSIONS HAVE BEEN COMPILED FROM PLANS MADE

(GNSS) SURVEY METHODS.

FOR CALCULATIONS OF QUANTITIES WITH CAUTION.

NEAR THE SITE 8. 8/.4/7 DENOTES TREE SPREAD OF 8m, TRUNK DIAMETER OF 0.4m & APPROX HEIGHT OF 7m

1°00' FOR TRUE NORTH

12. ONLY VISIBLE SERVICES HAVE BEEN LOCATED IN THIS SURVEY 13. SERVICE AND UTILITIES SHOWN ON PLAN HAVE BEEN LOCATED BY PHYSICAL EVIDENCE ON SITE ONLY AND MAY NOT HAVE BEEN OPENED TO VERIFY THE TYPE OF UTILITY. NEITHER EXCAVATION NOR POTHOLING

CONSTRUCTION

Bar Scales

24-01-25

27-09-23

12-09-23

23-02-23

25-10-22

Date

NEW KERB AND GUTTER IS SHOWN.

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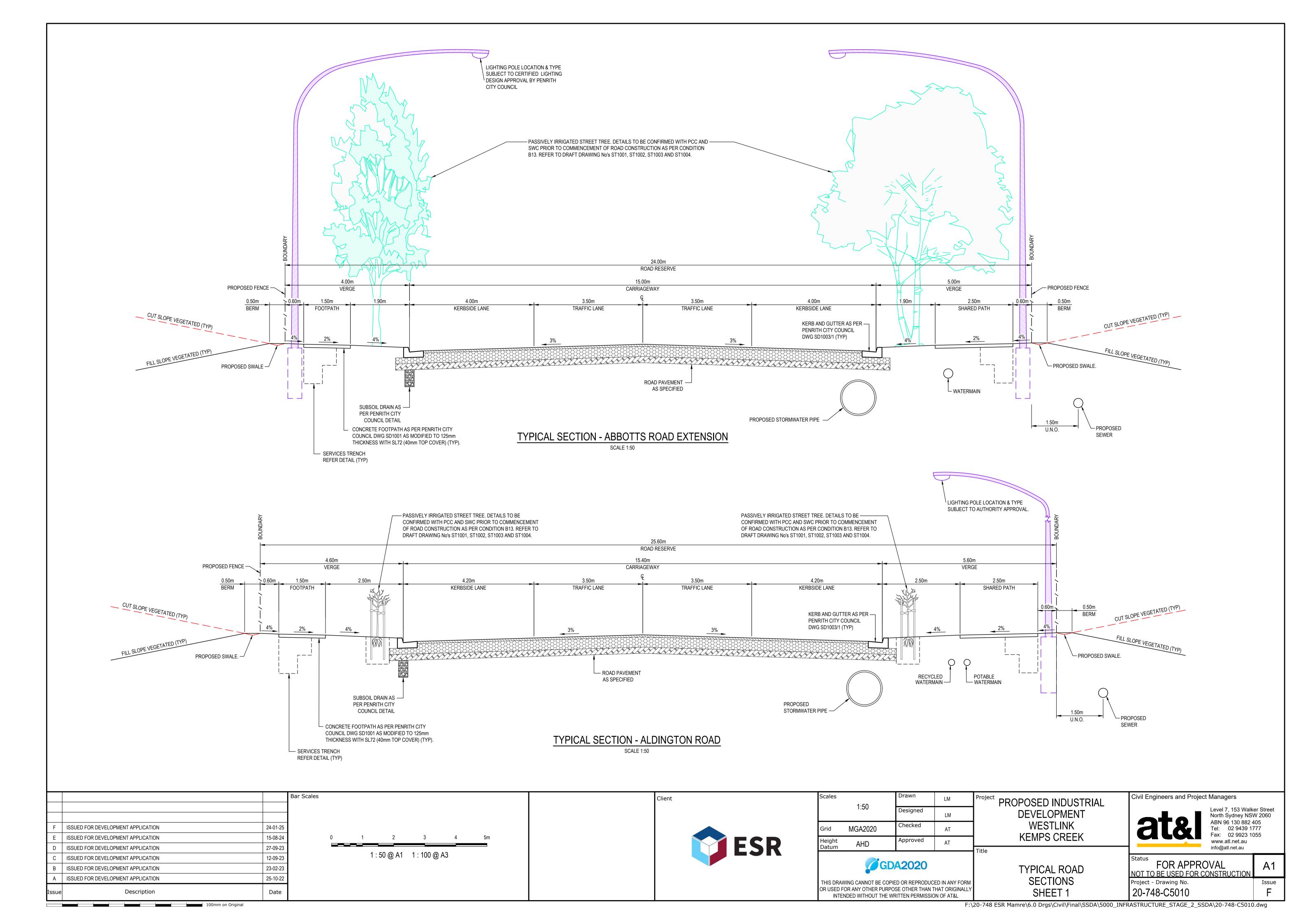
LM

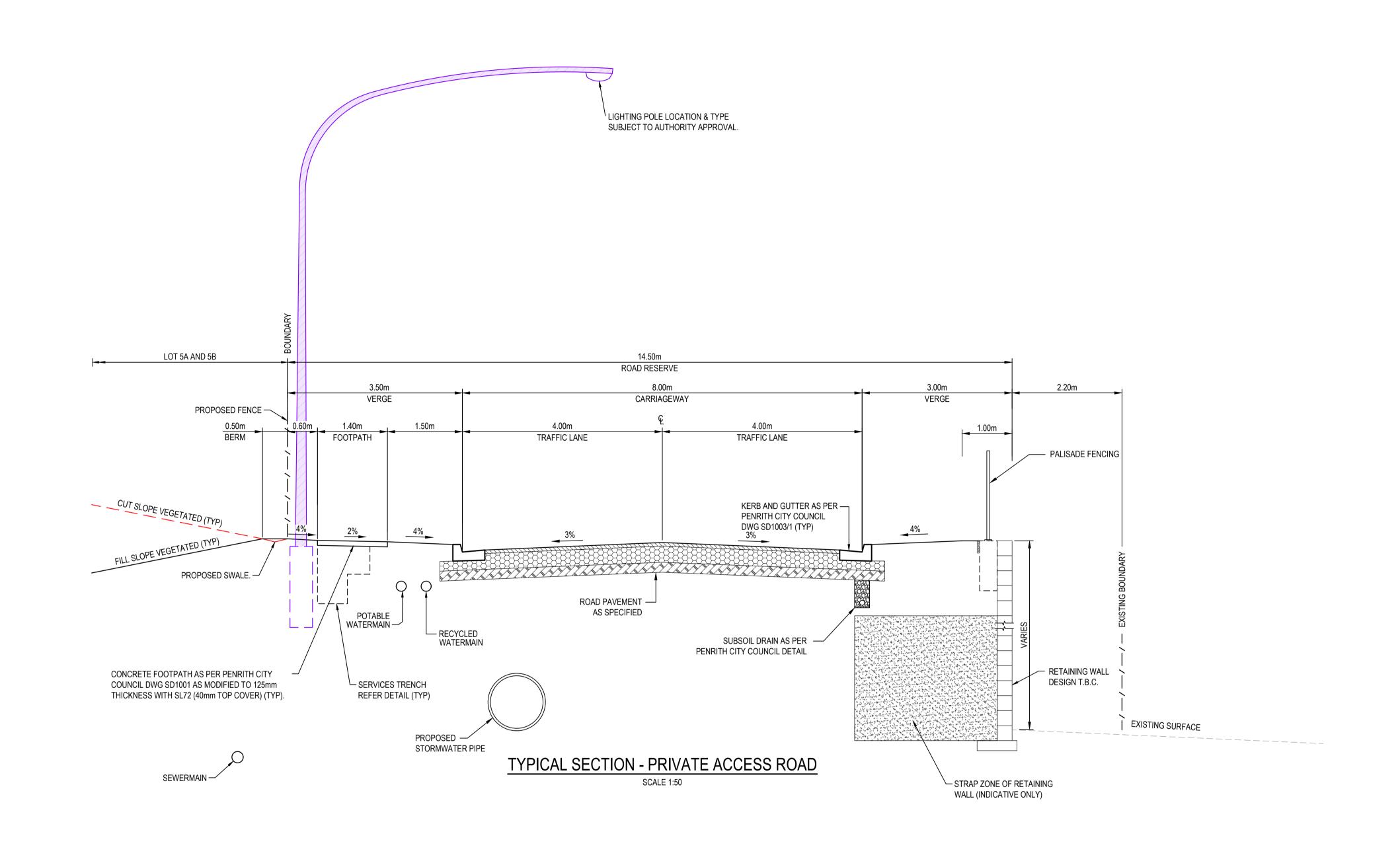
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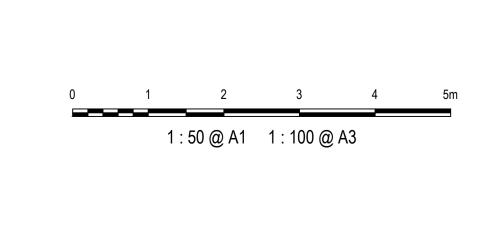






			Bar Scales
Е	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25	
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23	
С	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23	
В	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23	
Α	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22	
Issue	Description	Date	

100mm on Original





Client

Scales	1.50	Drawn	LM	Proj
	1:50	Designed	LM	
Grid	MGA2020	Checked	AT	
Height Datum	AHD	Approved	AT	

GDA2020

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ject	PROPOSED INDUSTRIA
	DEVELOPMENT
	WESTLINK
	KEMPS CREEK

TYPICAL ROAD SECTIONS SHEET 2

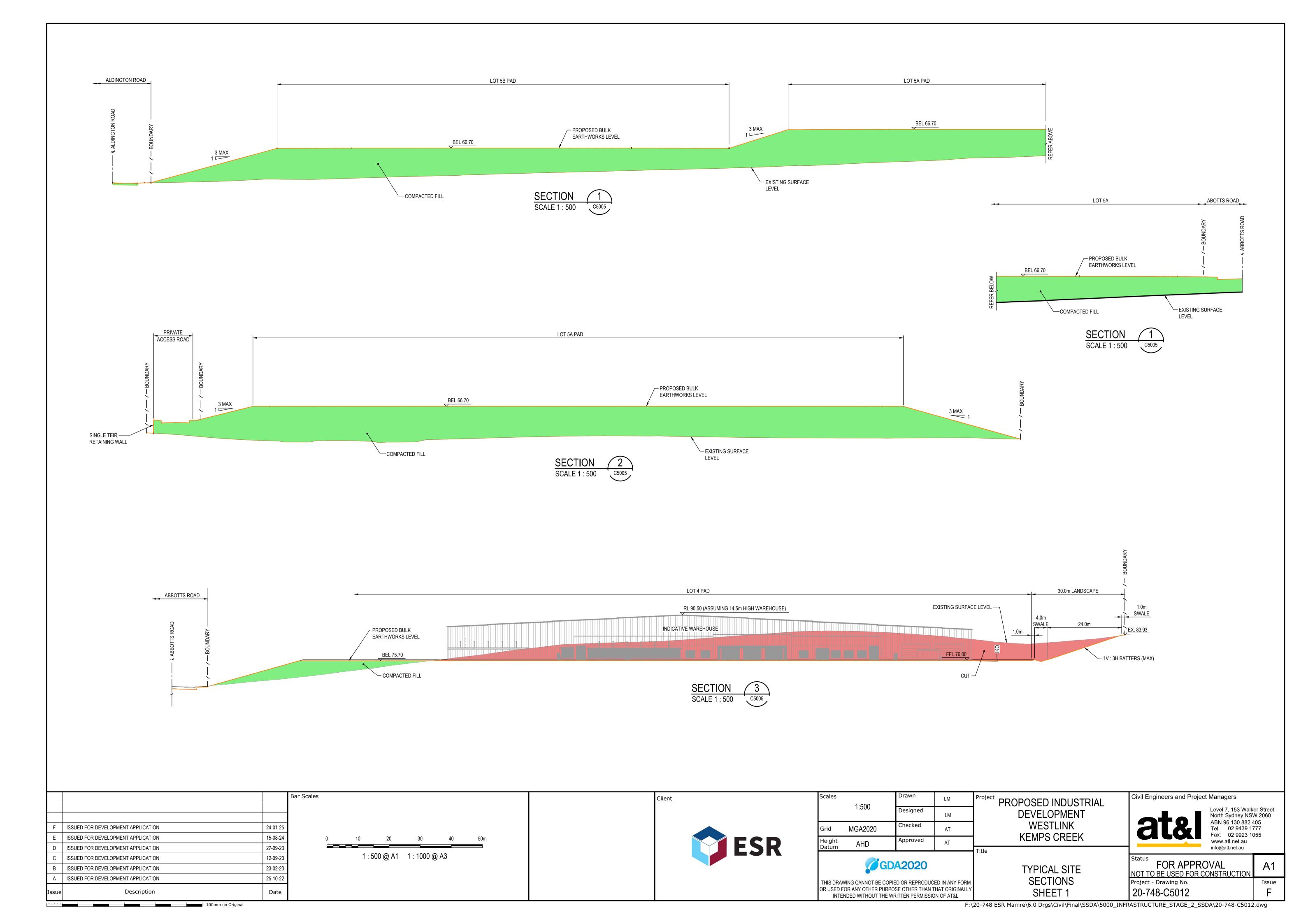
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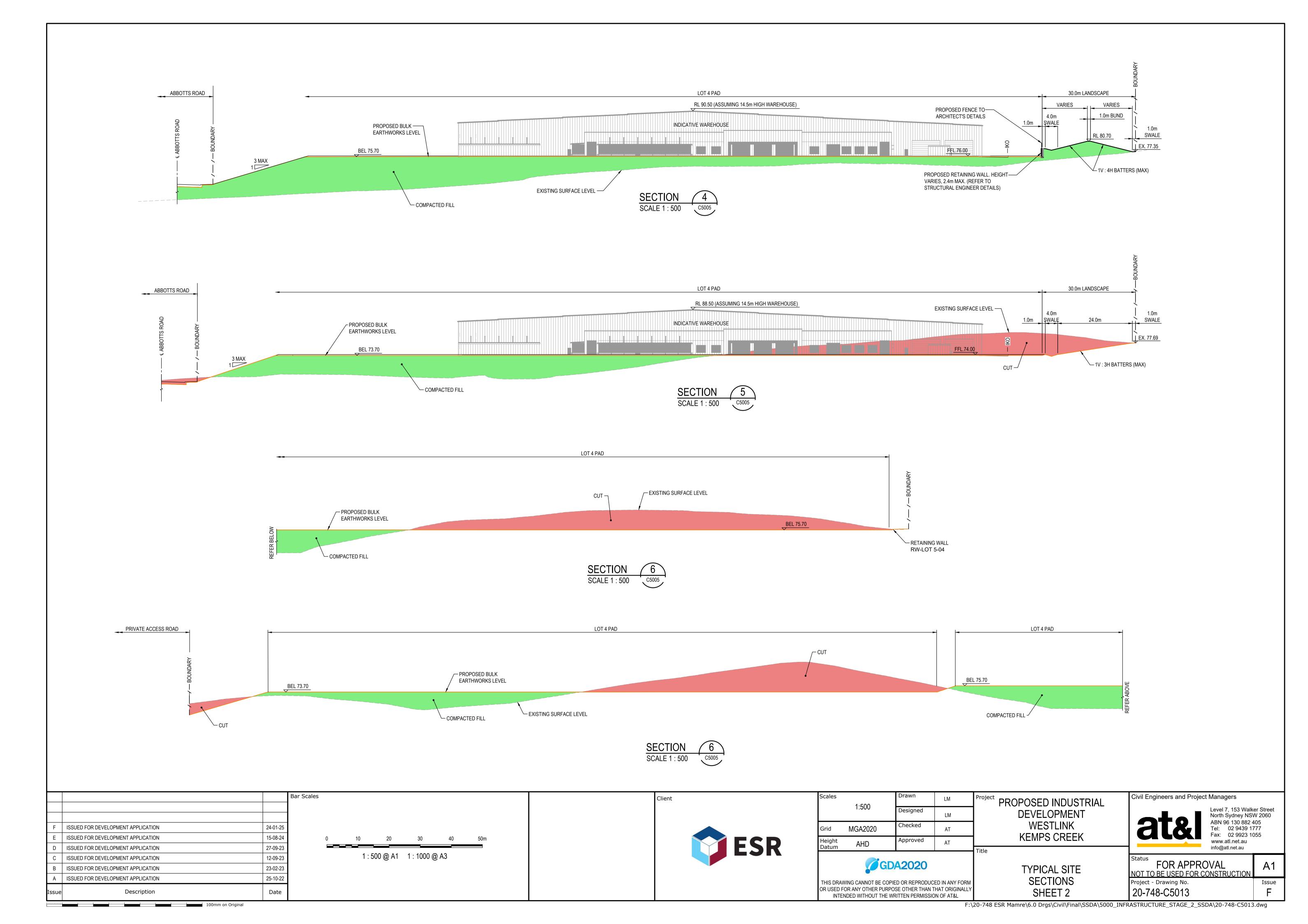
Civil Engineers and Project Managers

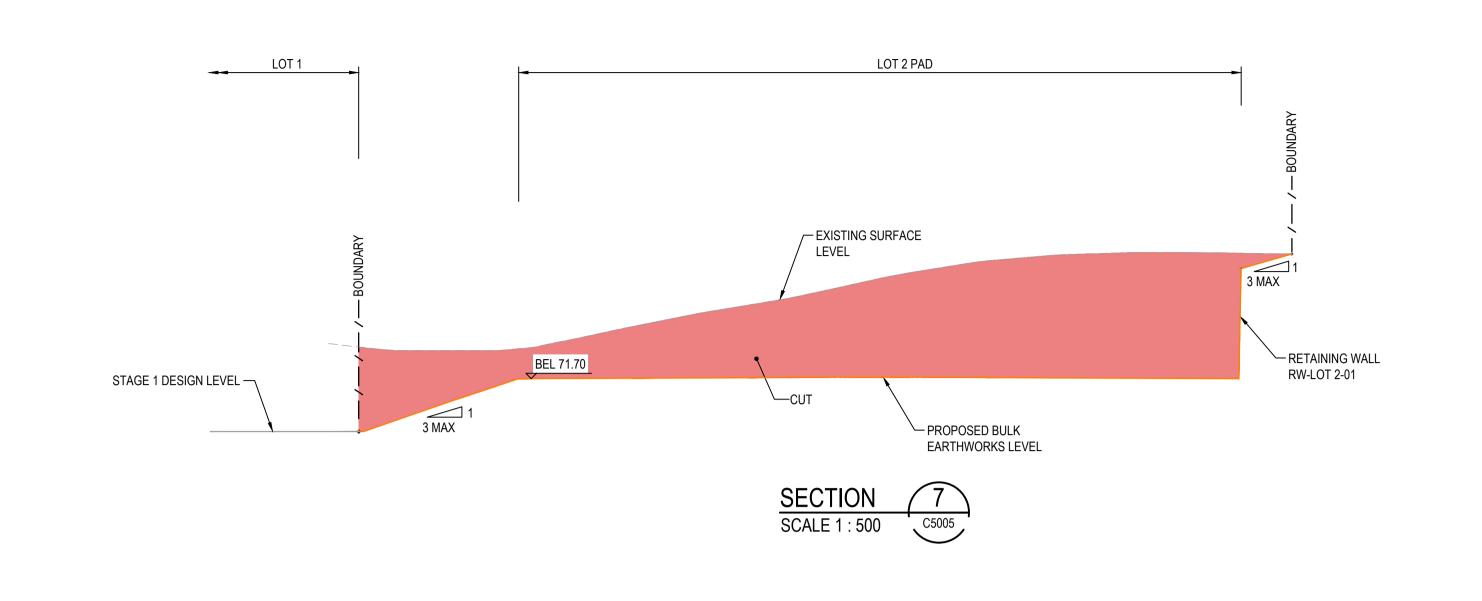
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au

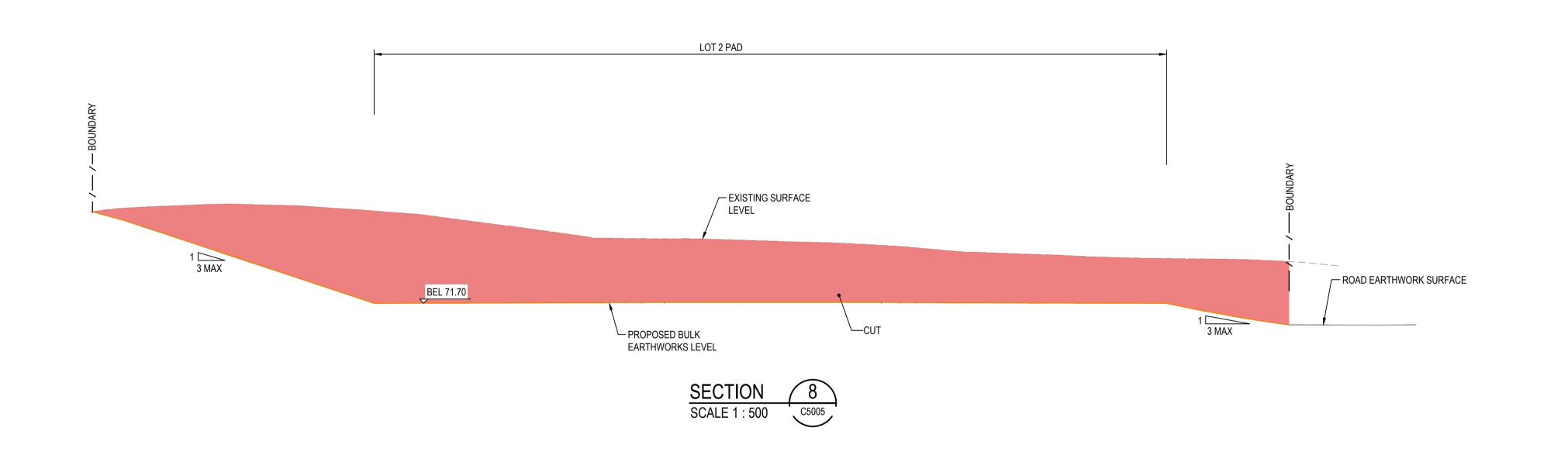
FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No.

Issue 20-748-C5011



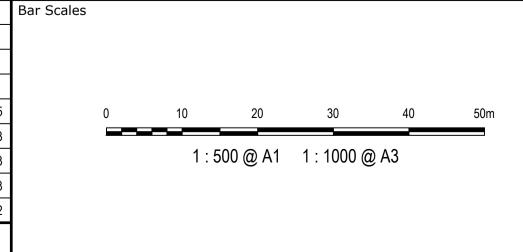






Client

Е	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
С	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
В	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
Α	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date





Scales	1,500	Drawn	LM	Proje
	1:500	Designed	LM	
Grid	MGA2020	Checked	AT	
Height	AHD	Approved	AT	

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DEVELOPMENT
WESTLINK
KEMPS CREEK

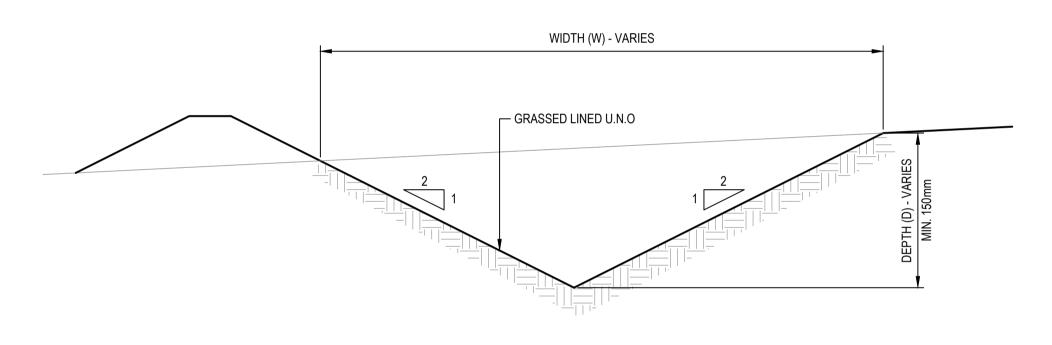
TYPICAL SITE SECTIONS SHEET 3

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at&l	Level 7, 153 North Sydney ABN 96 130 Tel: 02 94 Fax: 02 99 www.atl.net.

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

FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No. Issue 20-748-C5014



CATCH DRAIN DETAIL SCALE 1:10

Client

Е	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
С	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
В	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
Α	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date

1:10 @ A1 1:20 @ A3



Scales	AS SHOWN	Drawn	LM	Proj
	AS SHOWN	Designed	LM	
Grid	MGA2020	Checked	AT	
Height Datum	AHD	Approved	AT	

GDA2020

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ject	PROPOSED INDUSTRIA
	DEVELOPMENT
	WESTLINK
	KEMPS CREEK

SHEET 1

KEIVIPS CREEK TYPICAL DETAILS

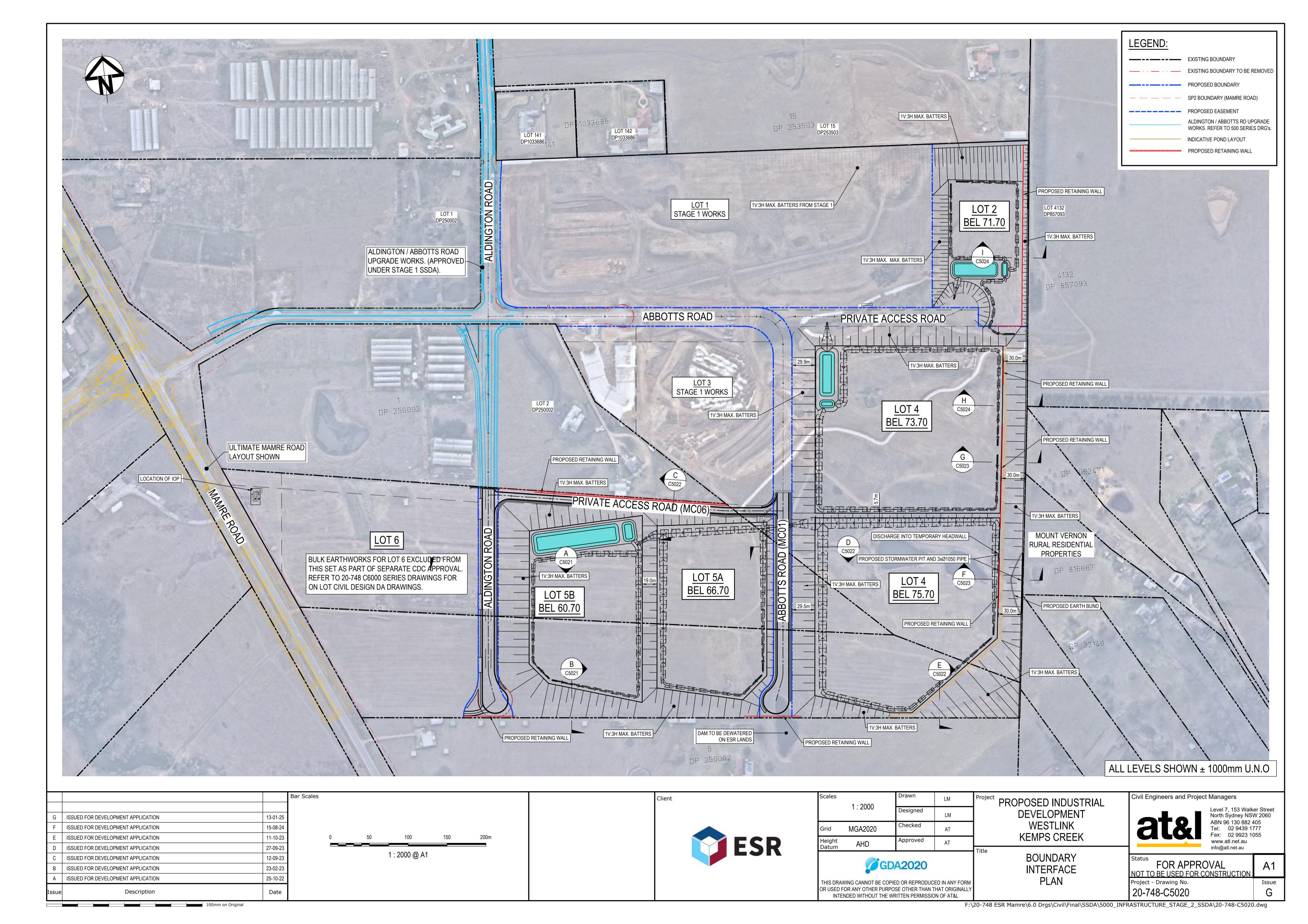
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au **A**1

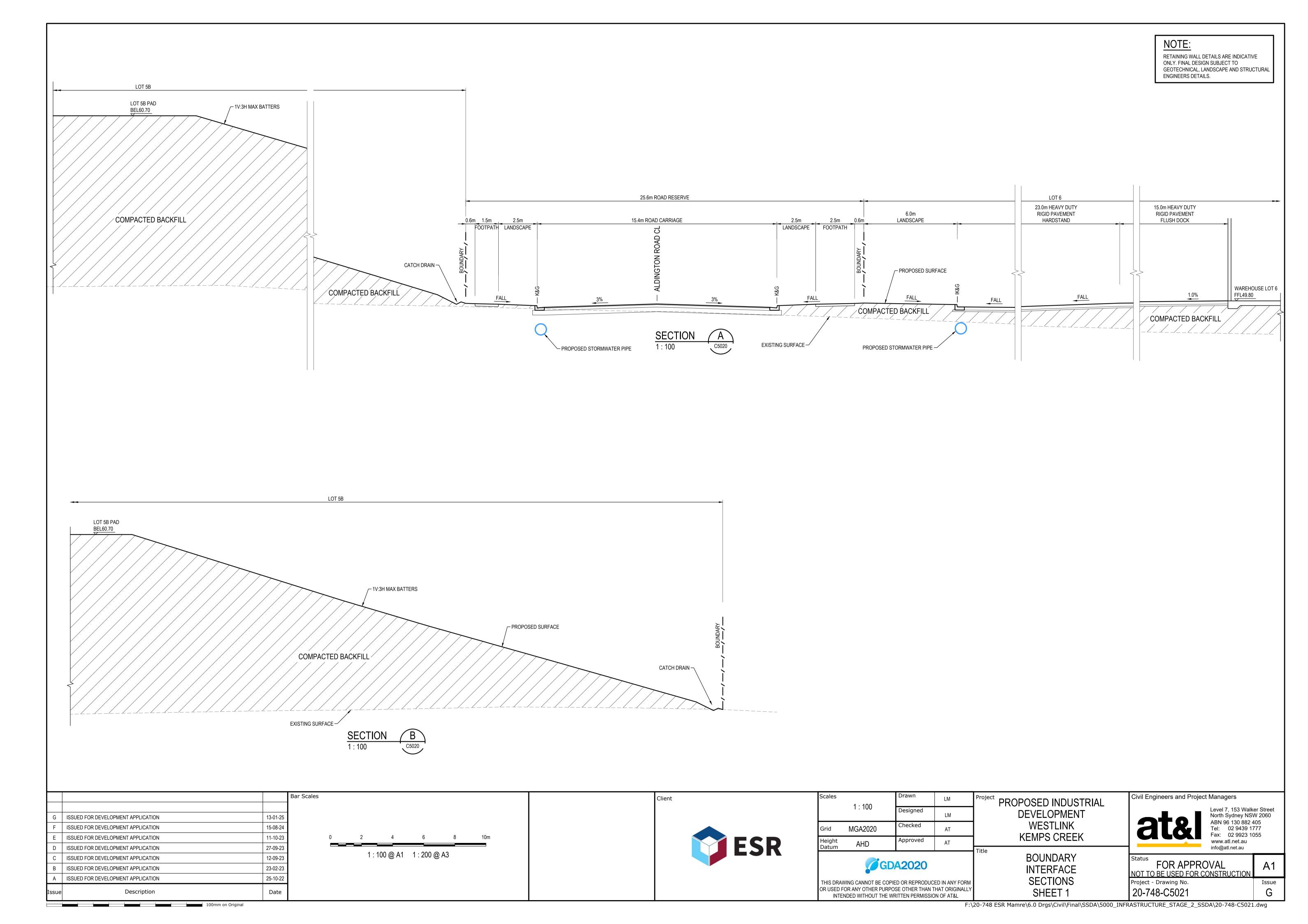
Issue

FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION
Project - Drawing No. 20-748-C5016

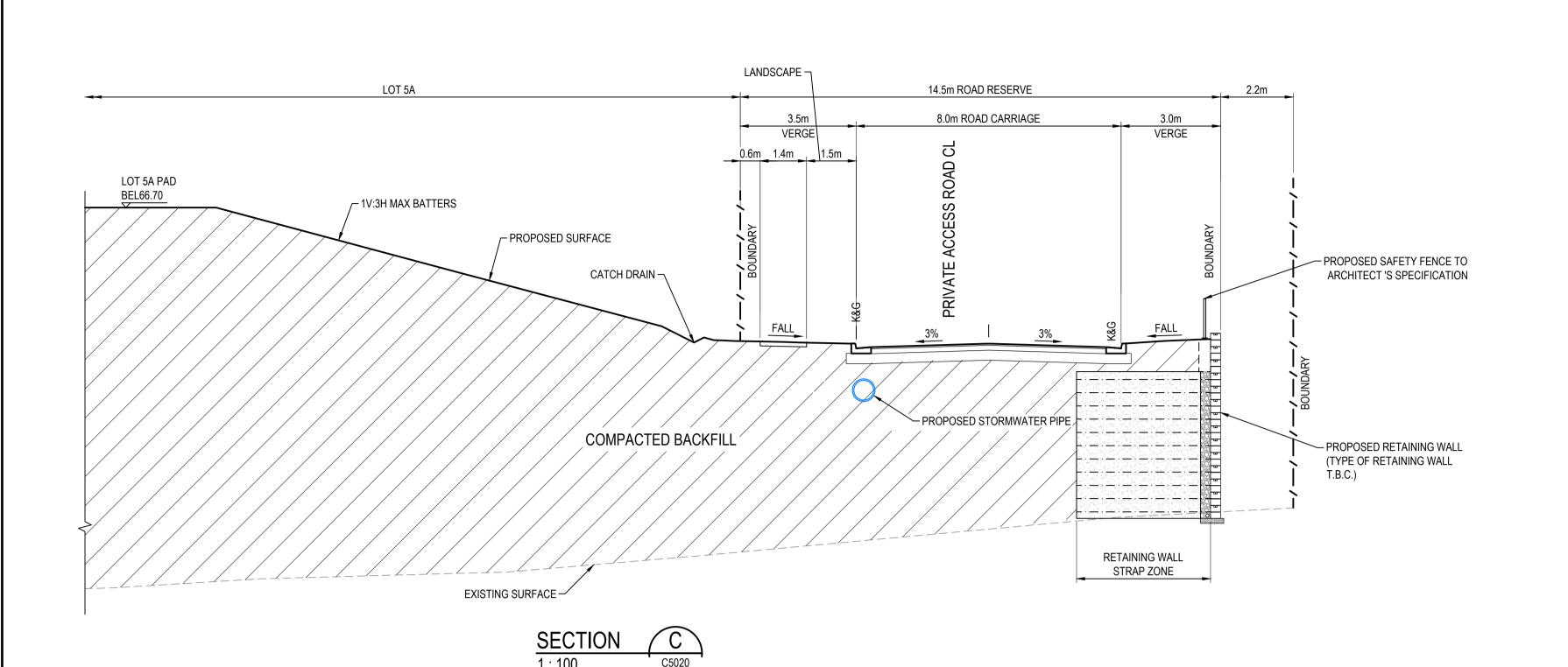
Civil Engineers and Project Managers

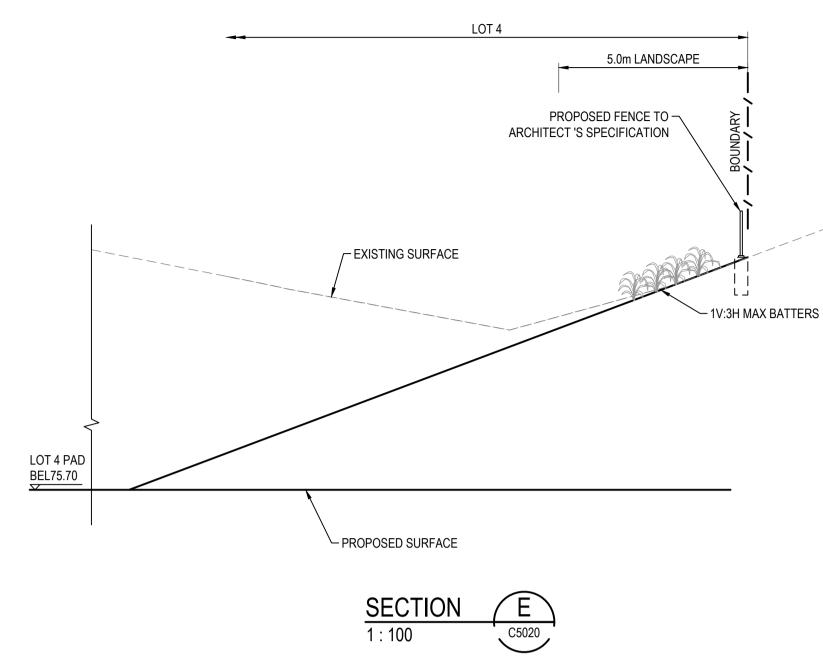
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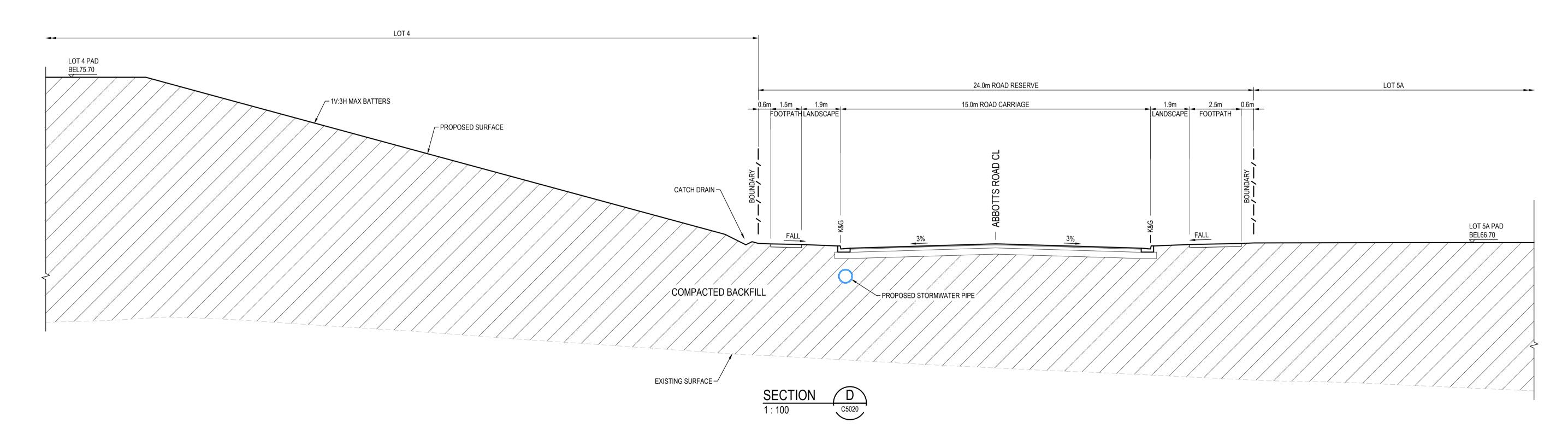




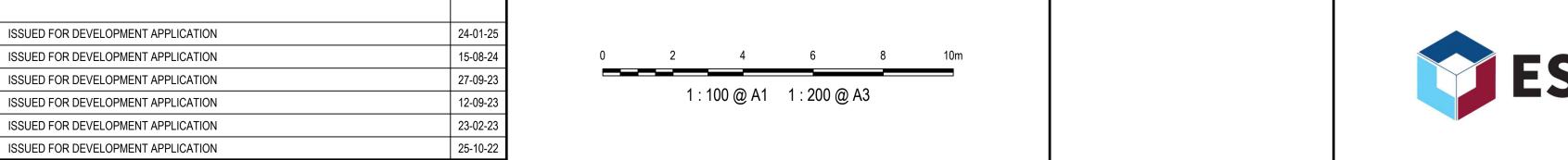
NOTE: RETAINING WALL DETAILS ARE INDICATIVE ONLY. FINAL DESIGN SUBJECT TO GEOTECHNICAL, LANDSCAPE AND STRUCTURAL ENGINEERS DETAILS.







Client



	Grid	MGA2020
SR	Height Datum	AHD

Scales	1 - 100	Drawn	LM	Project PROPOSED INDUSTRIAL
	1 : 100	Designed	LM	DEVELOPMENT
Grid	MGA2020	Checked	AT	WESTLINK KEMPS OPERK
Height Datum	AHD	Approved	AT	KEMPS CREEK

OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY

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BOUNDARY INTERFACE **SECTIONS** SHEET 2

alai

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Issue

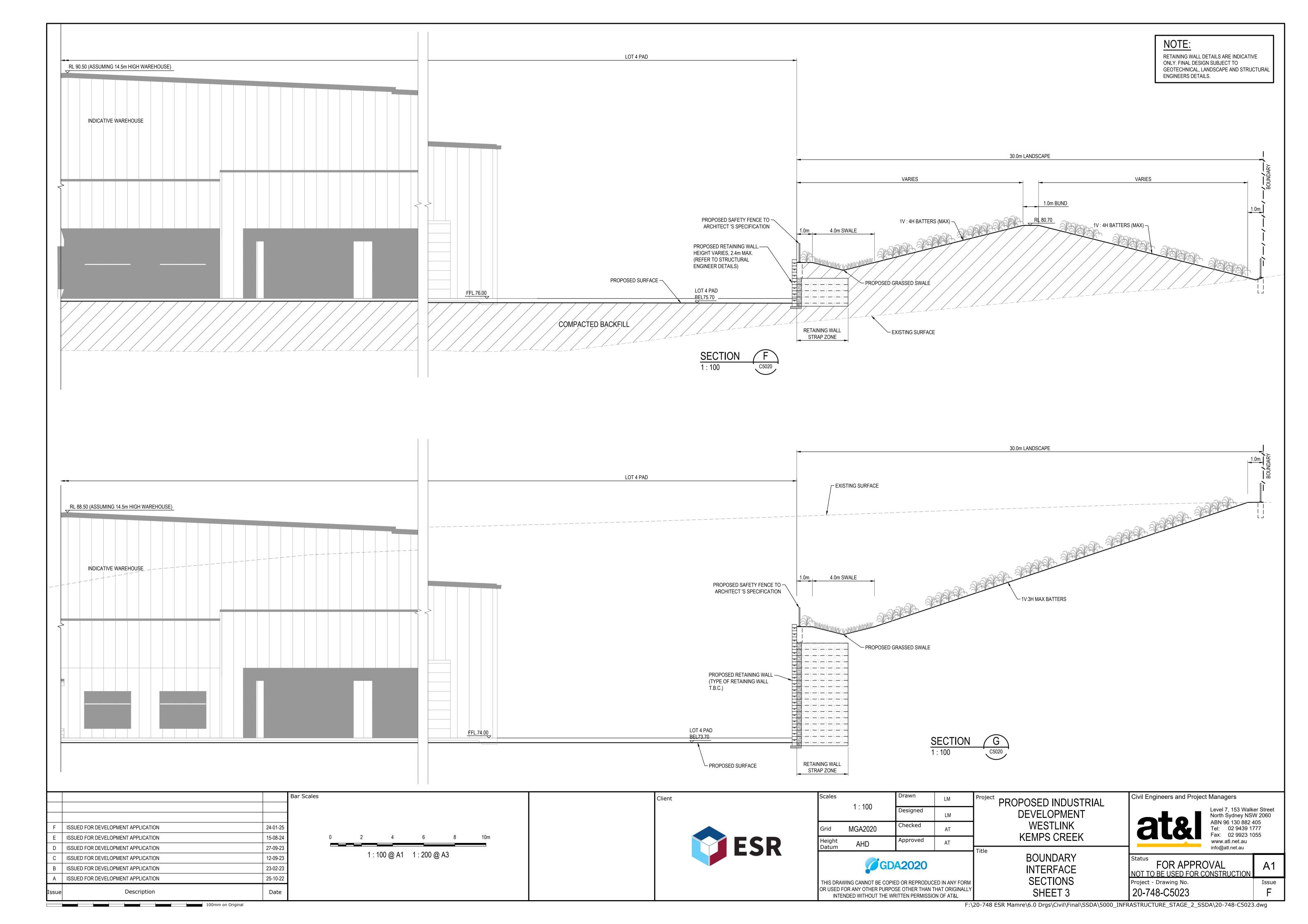
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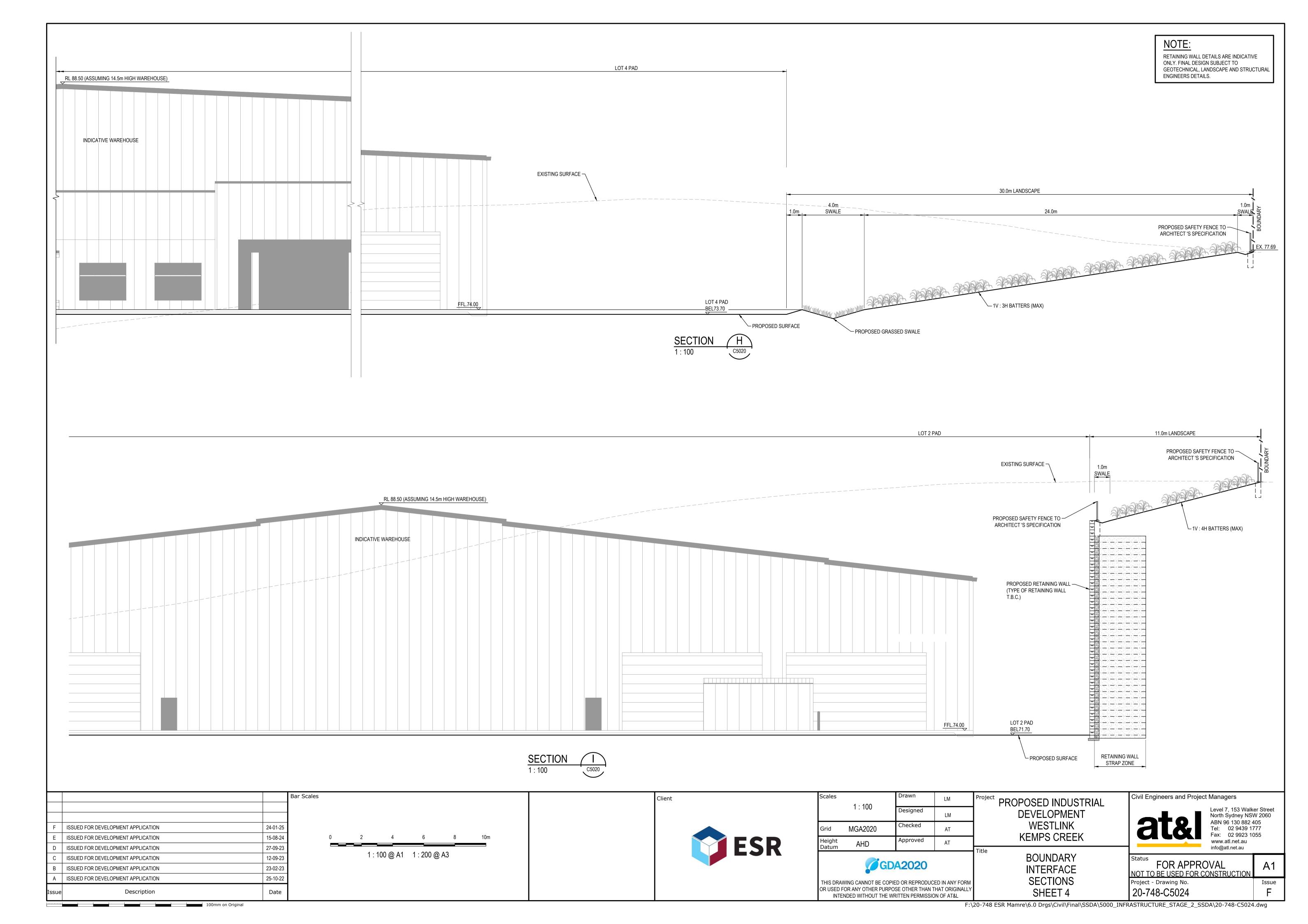
FOR APPROVAL

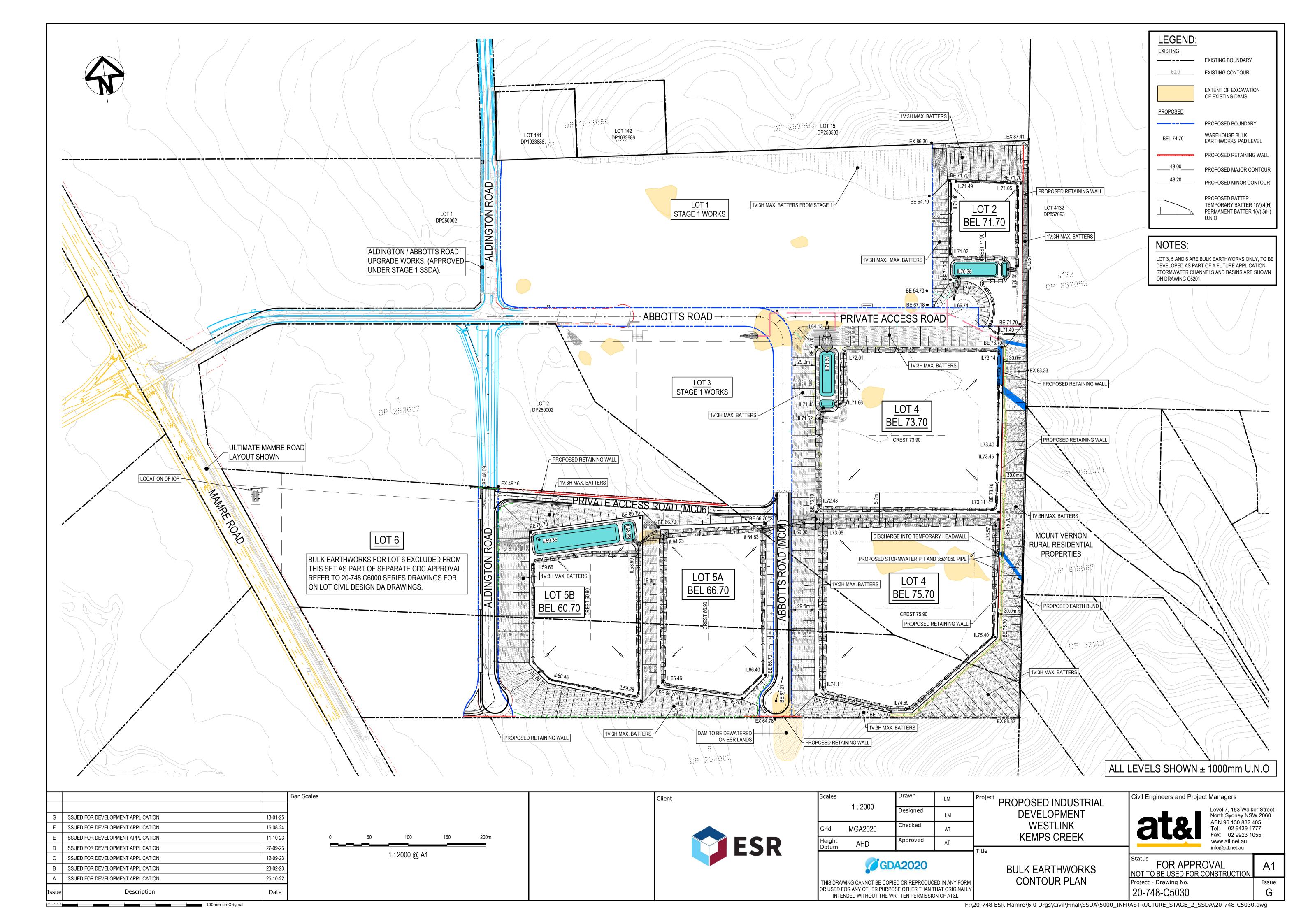
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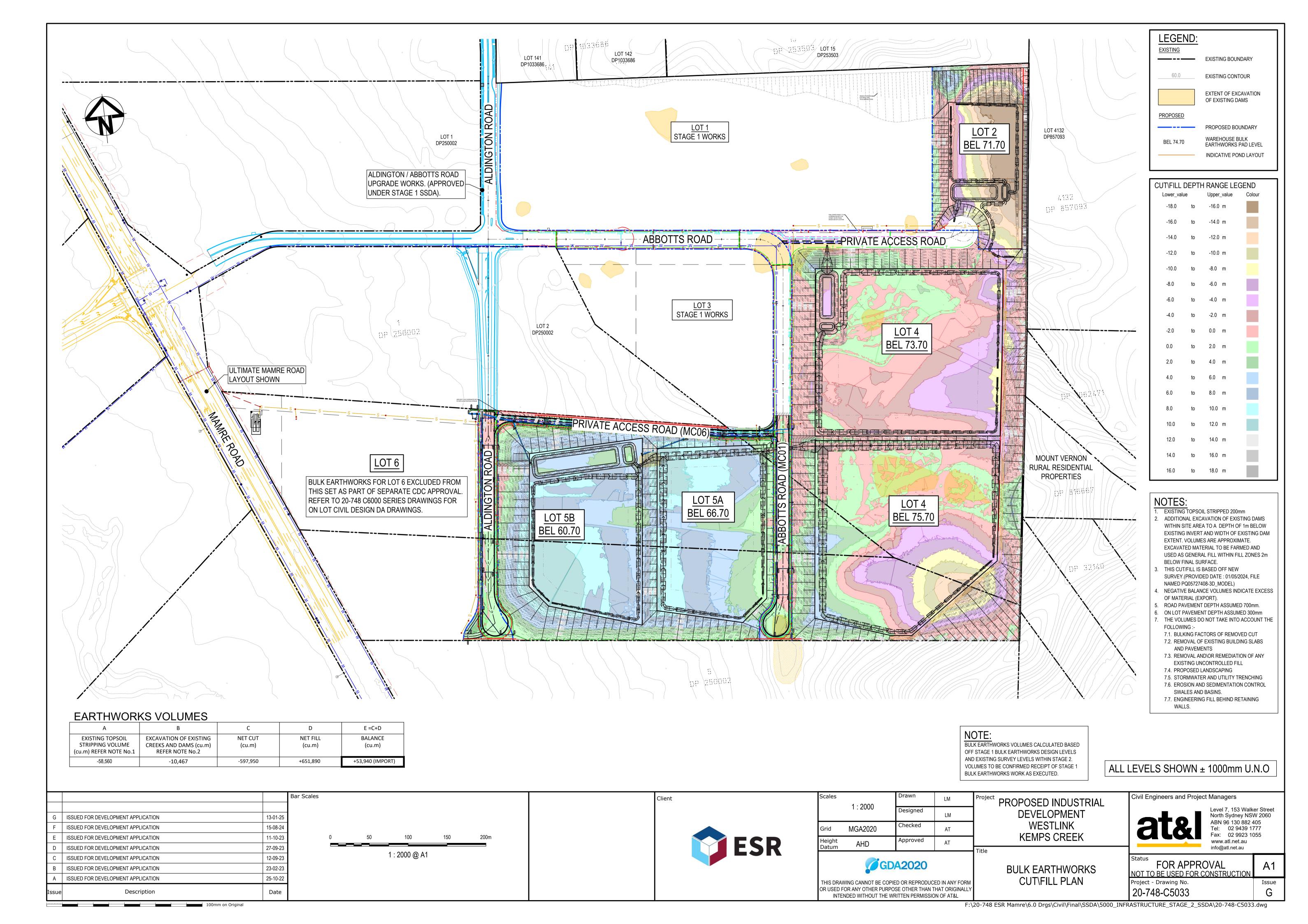
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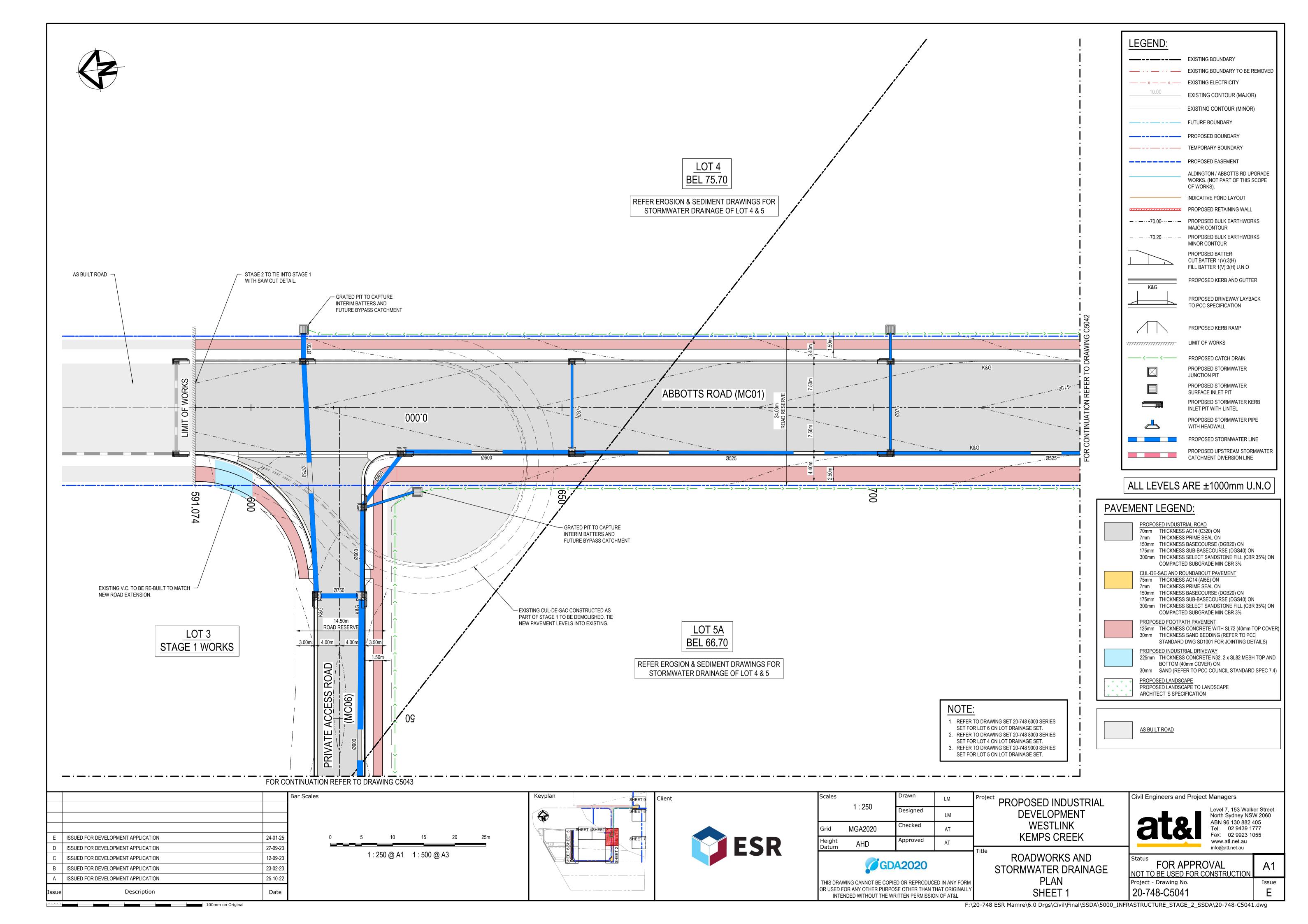
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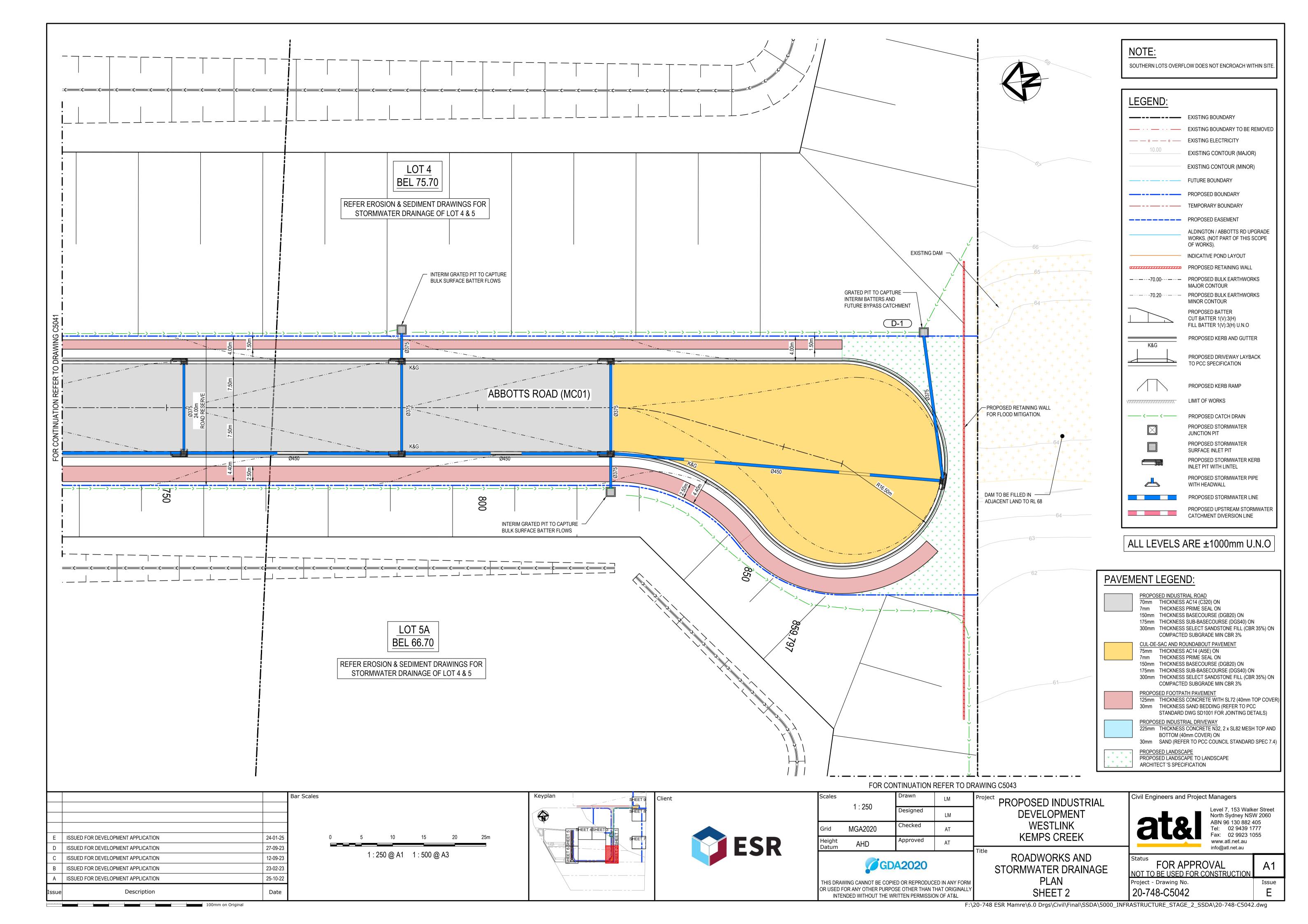


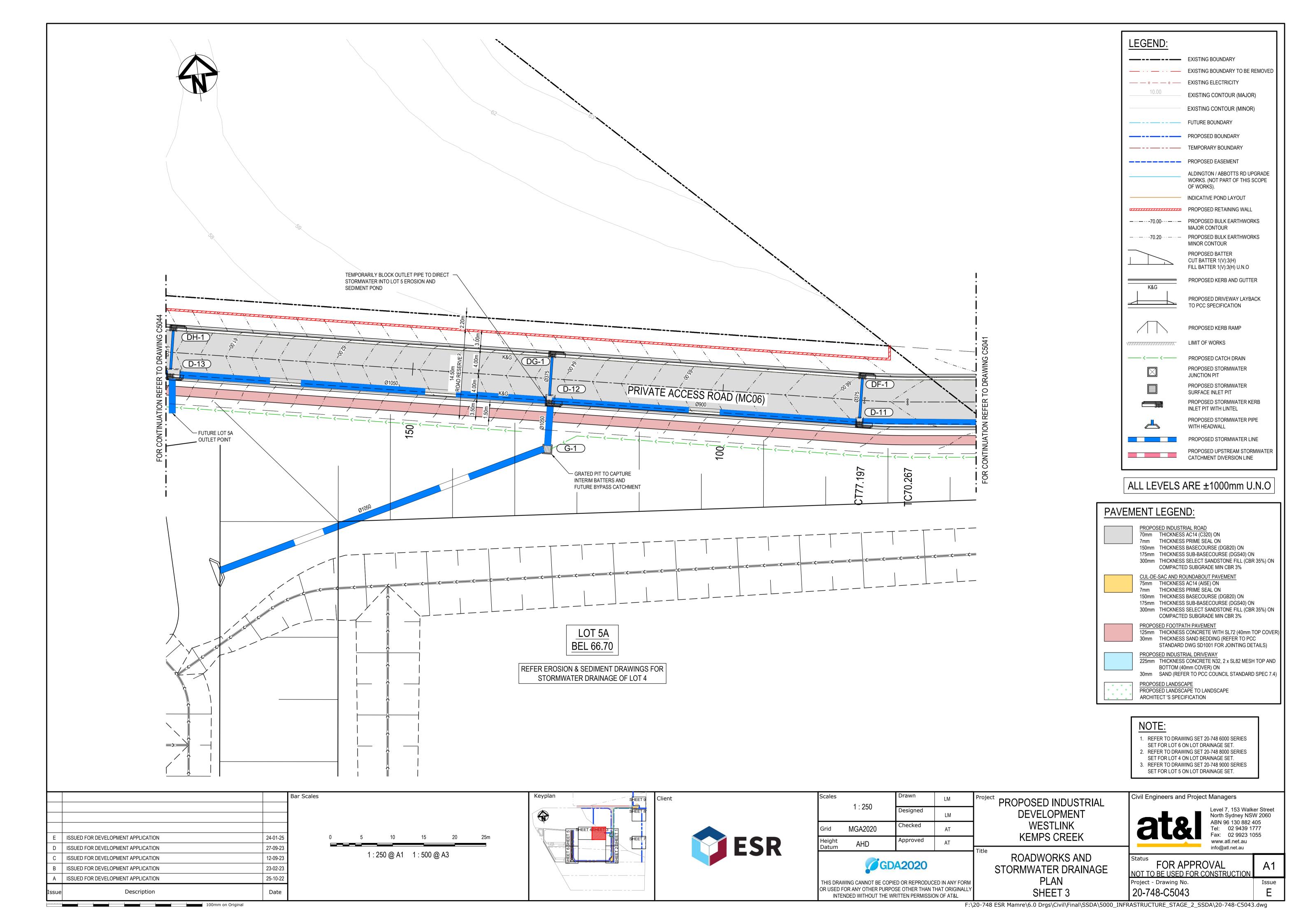


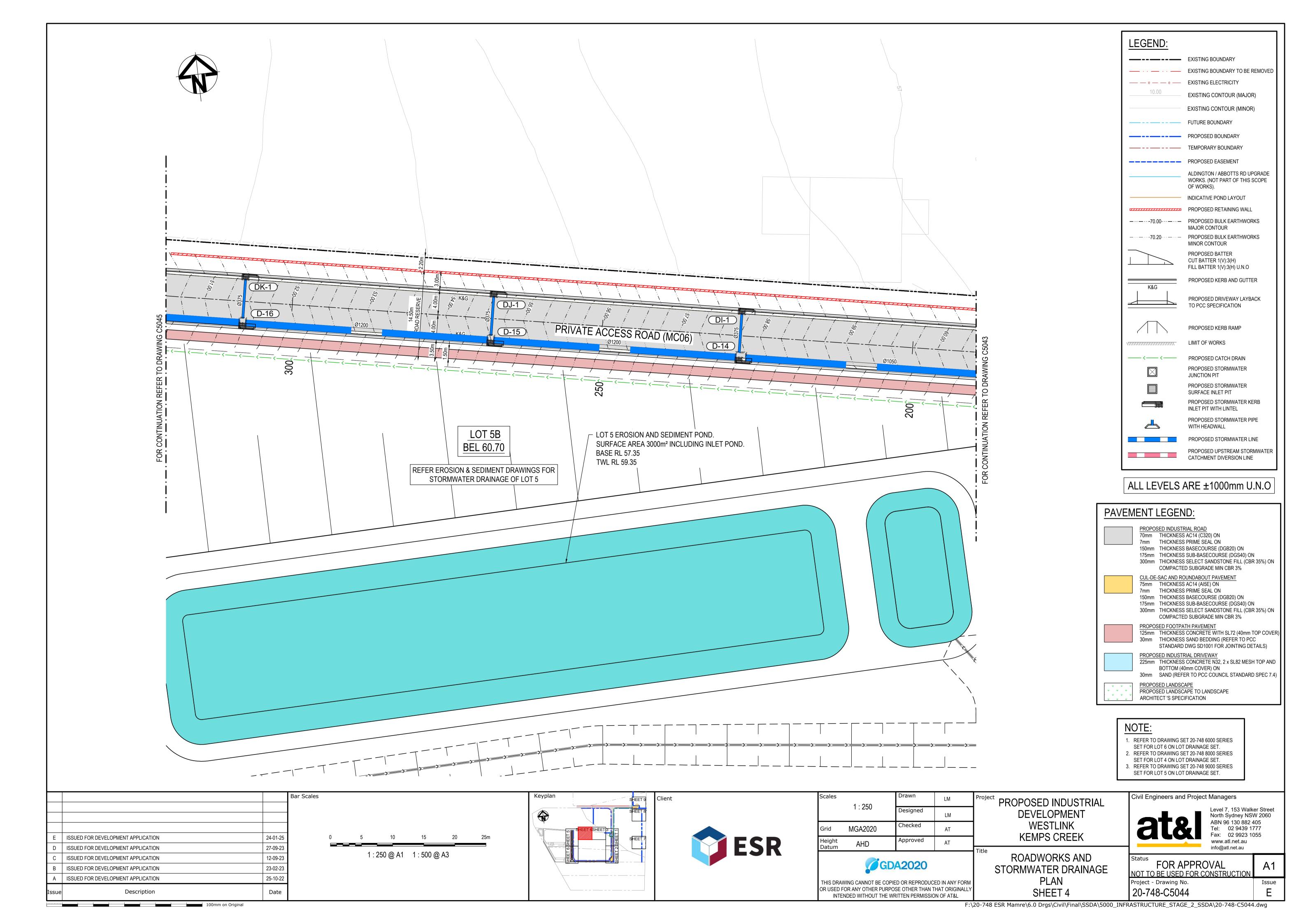


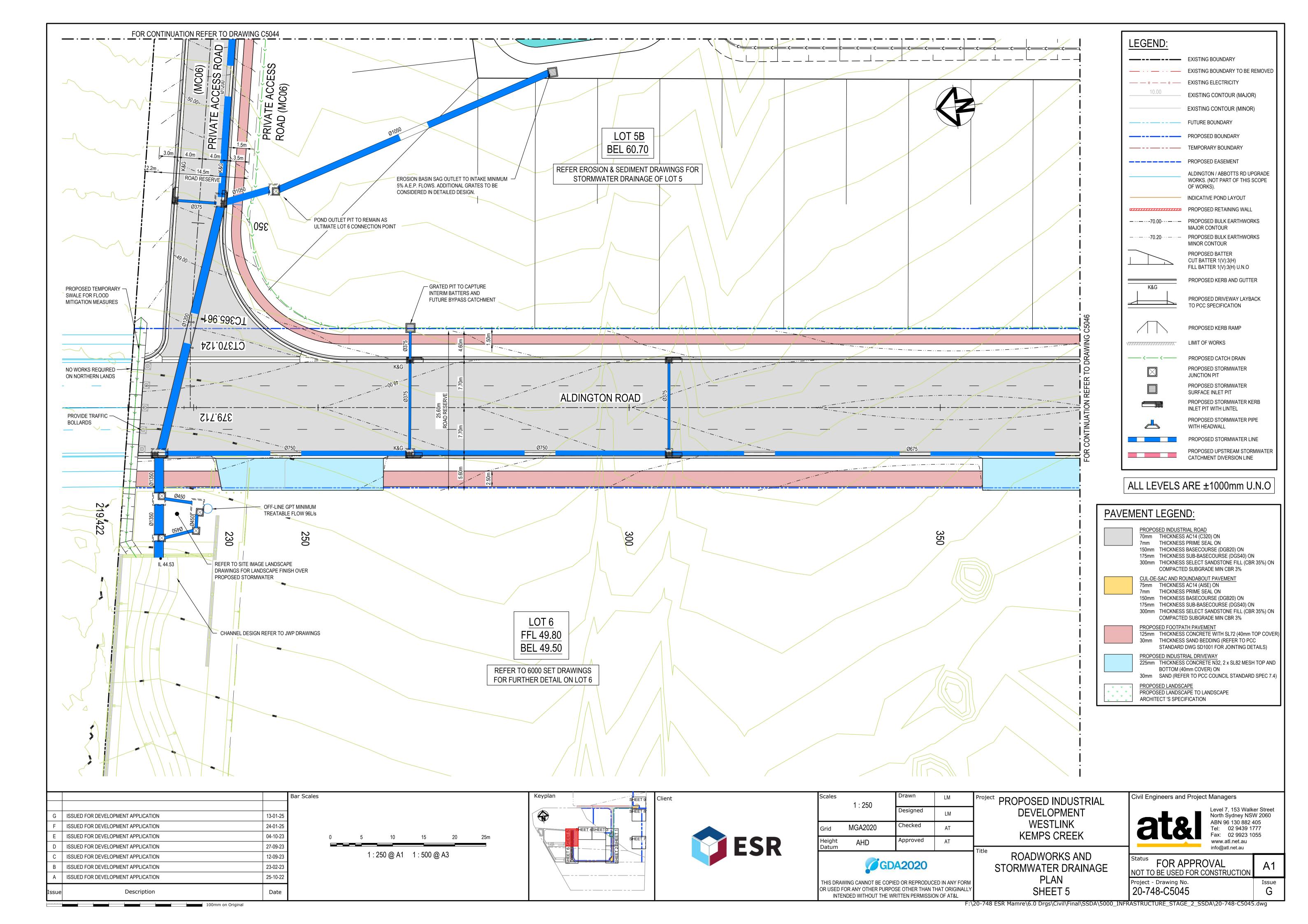


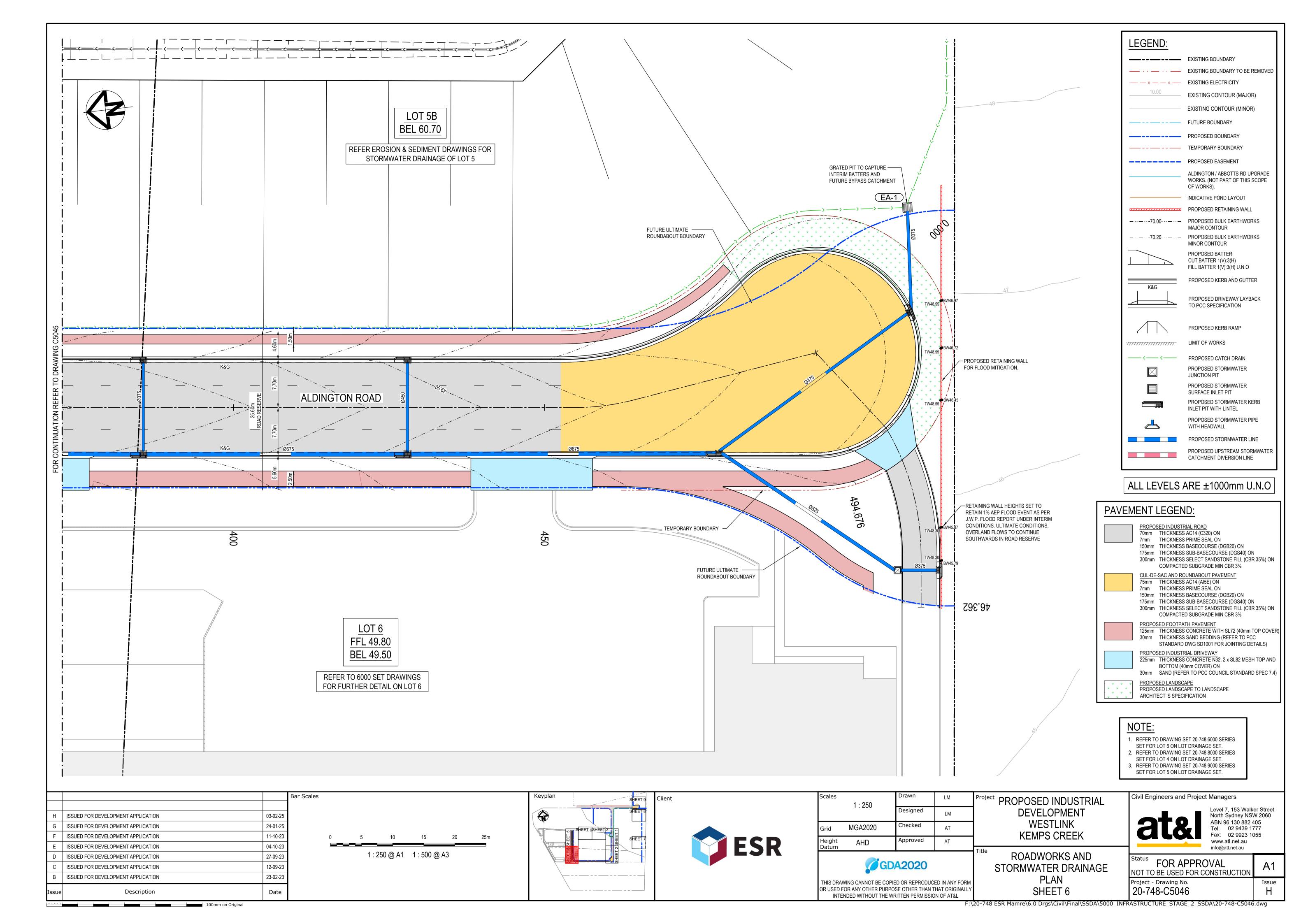


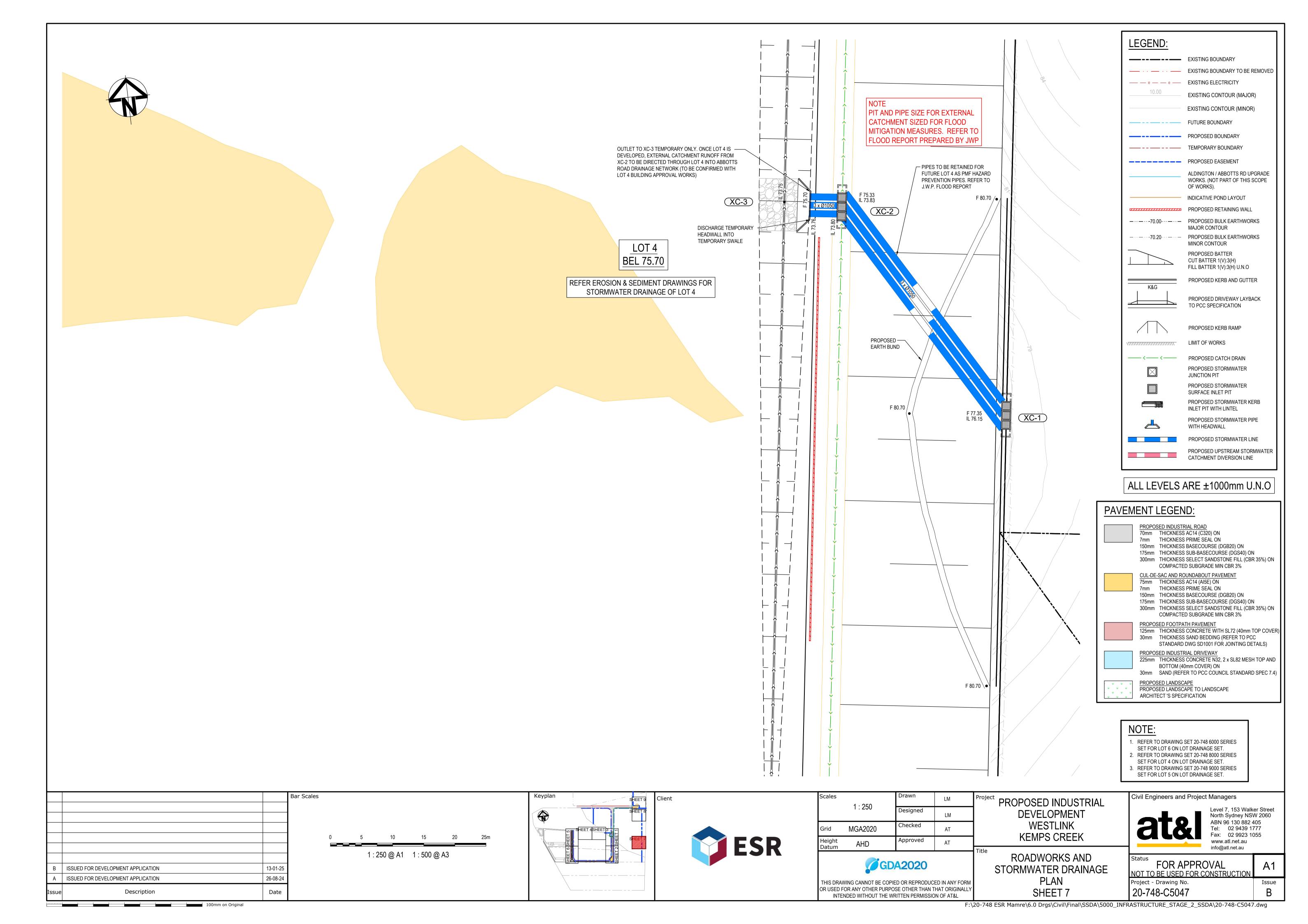


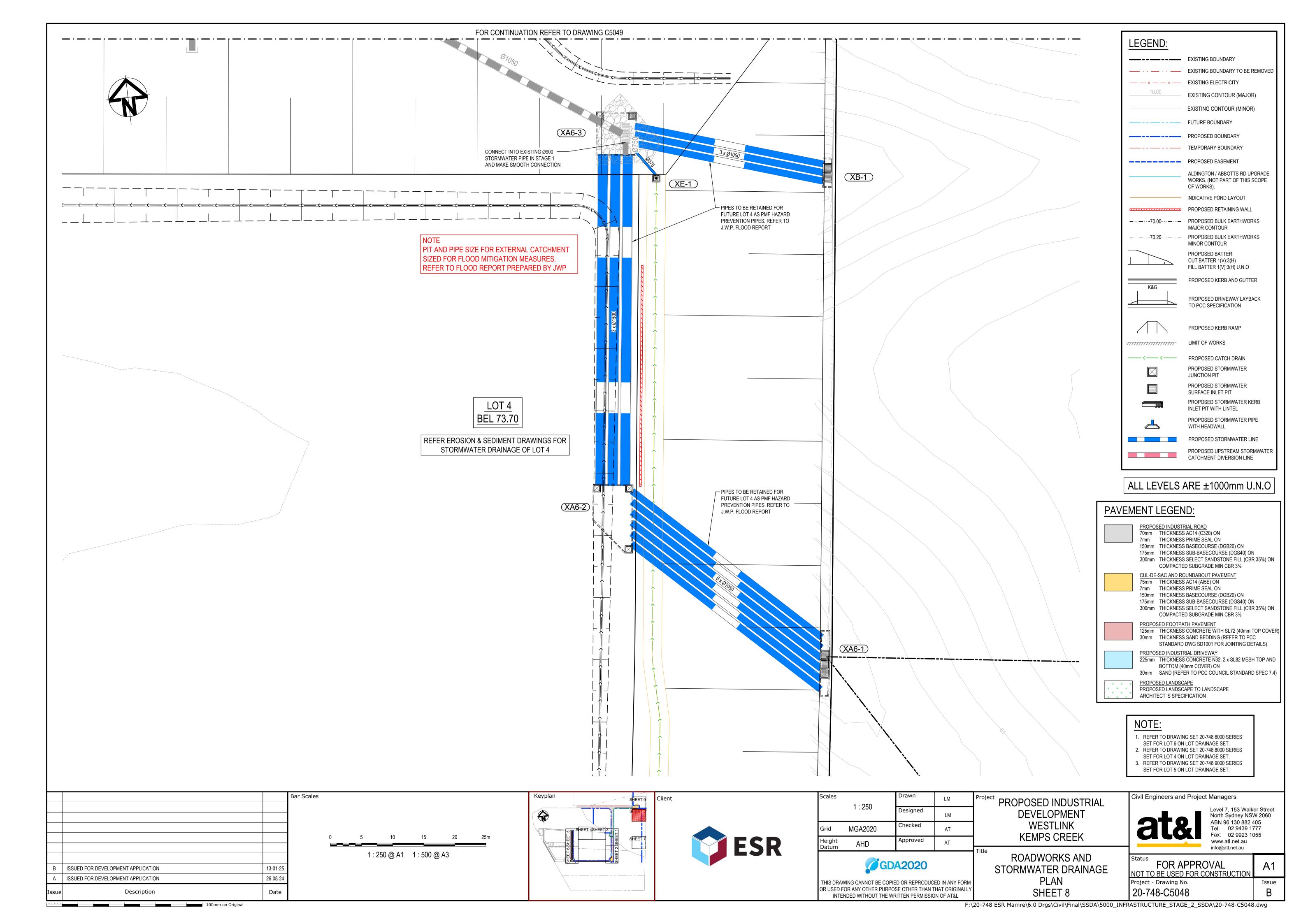


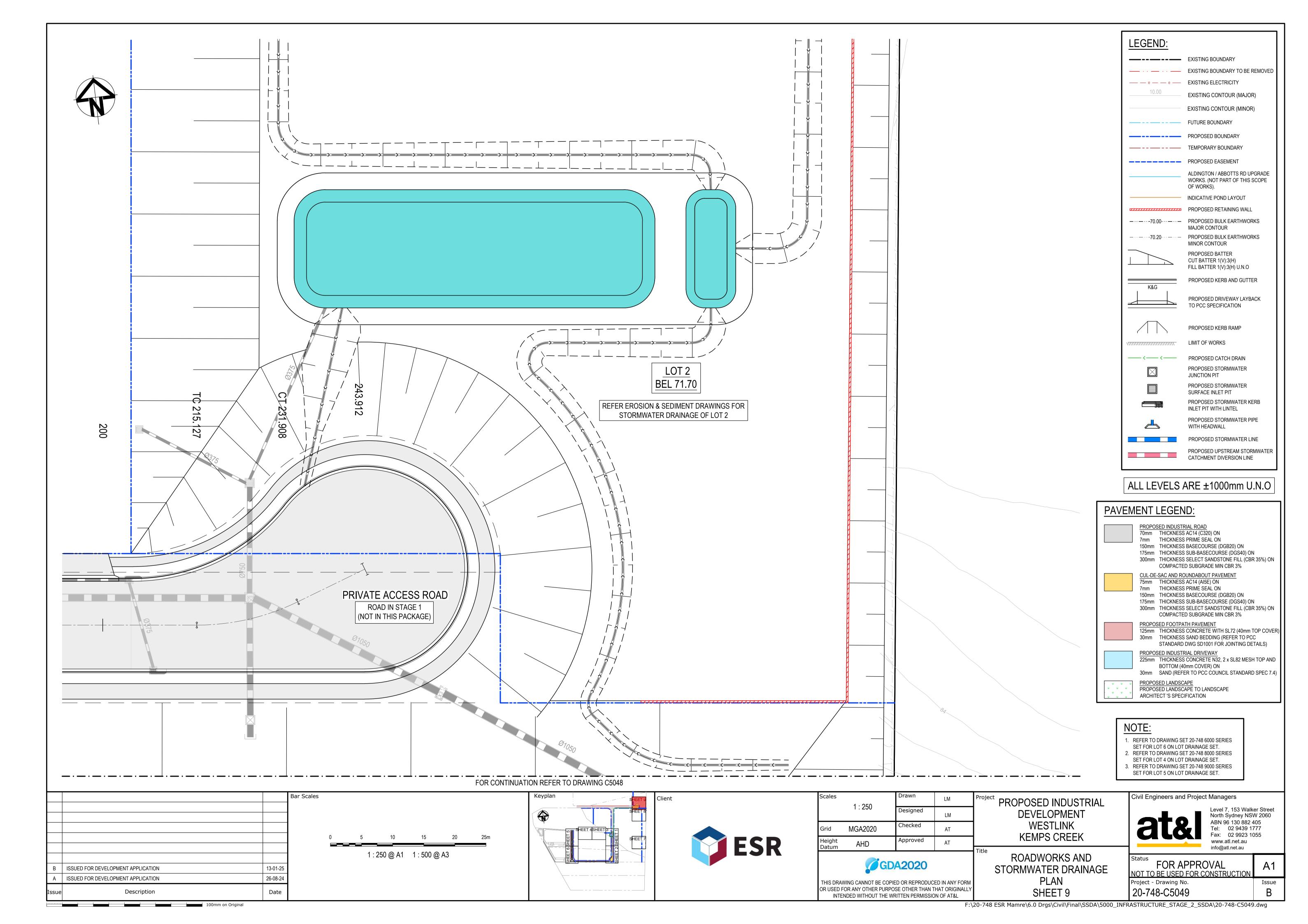


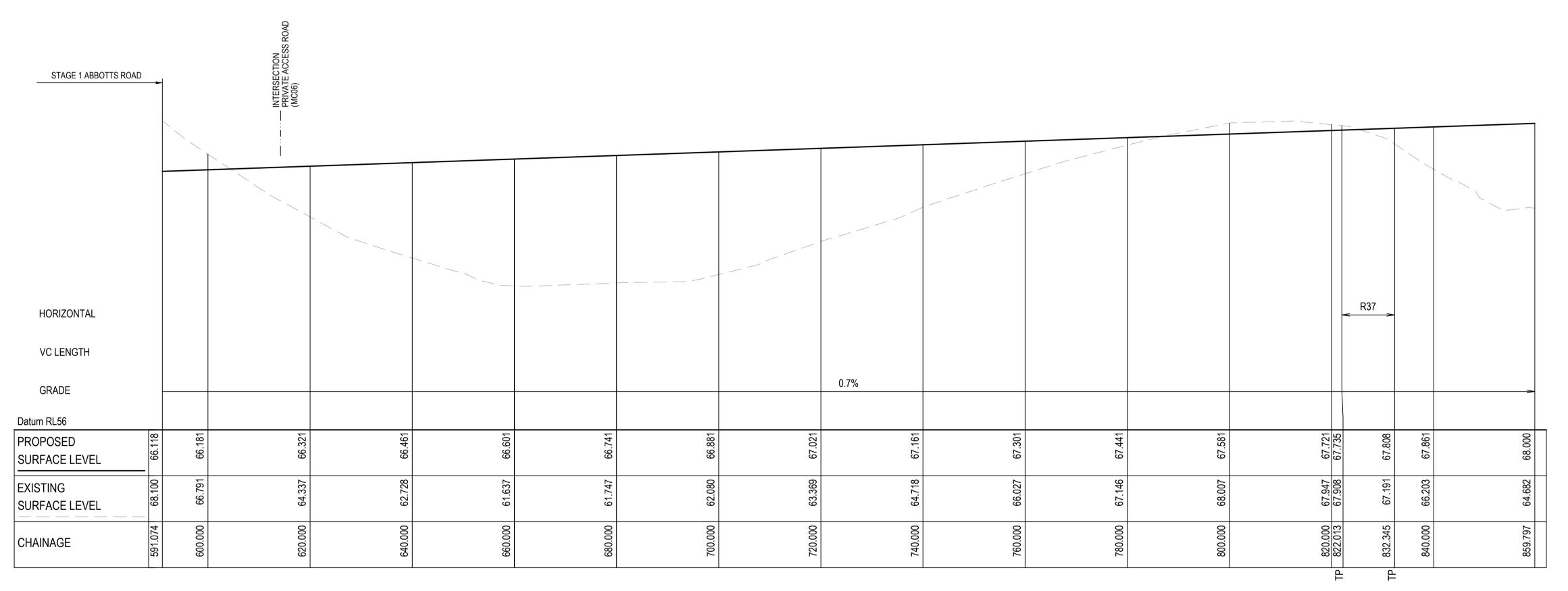






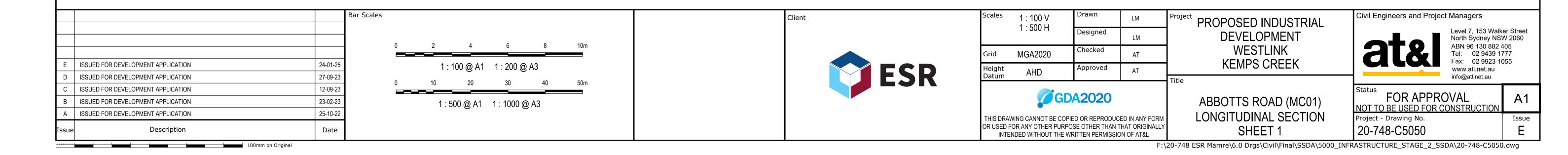


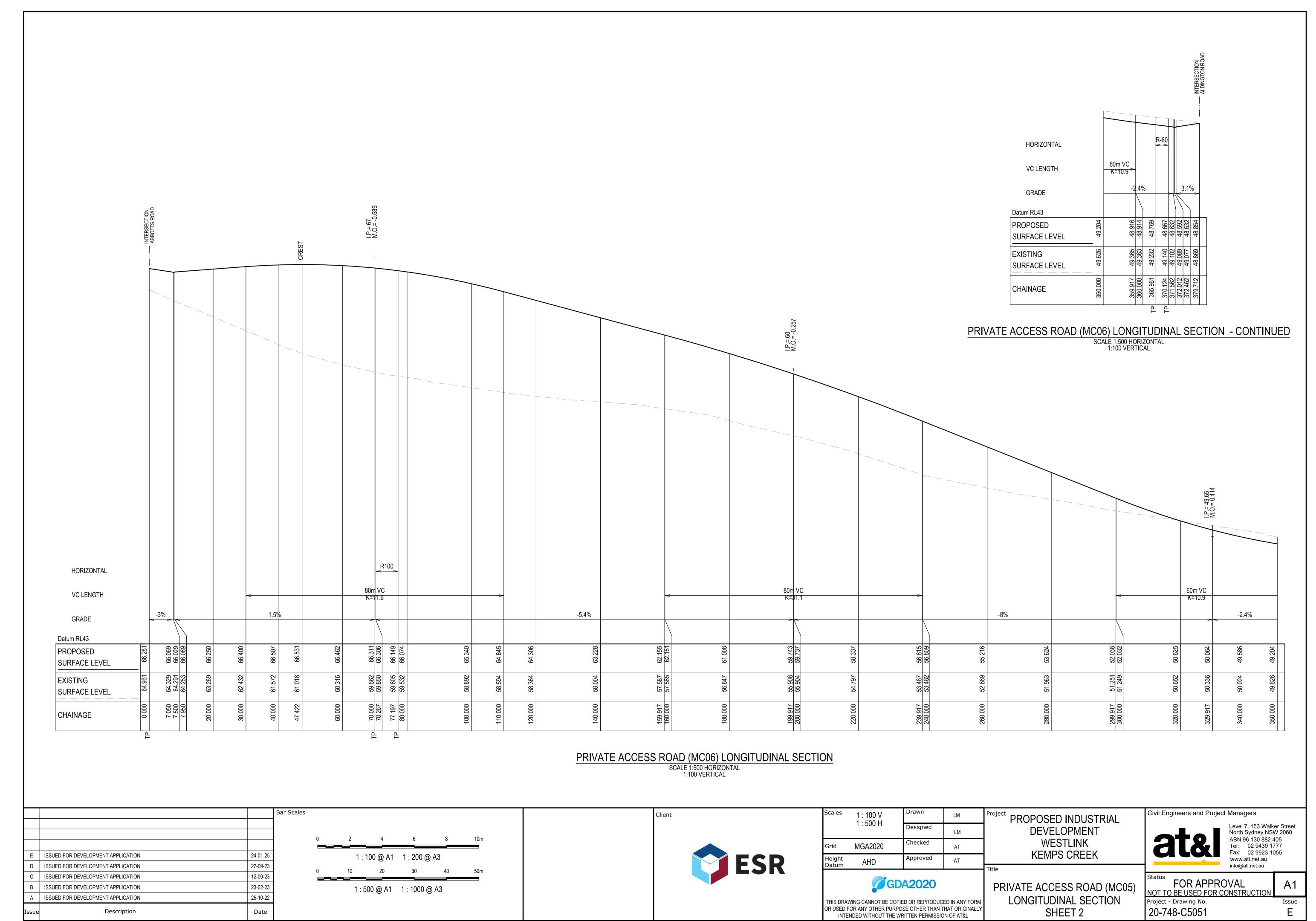


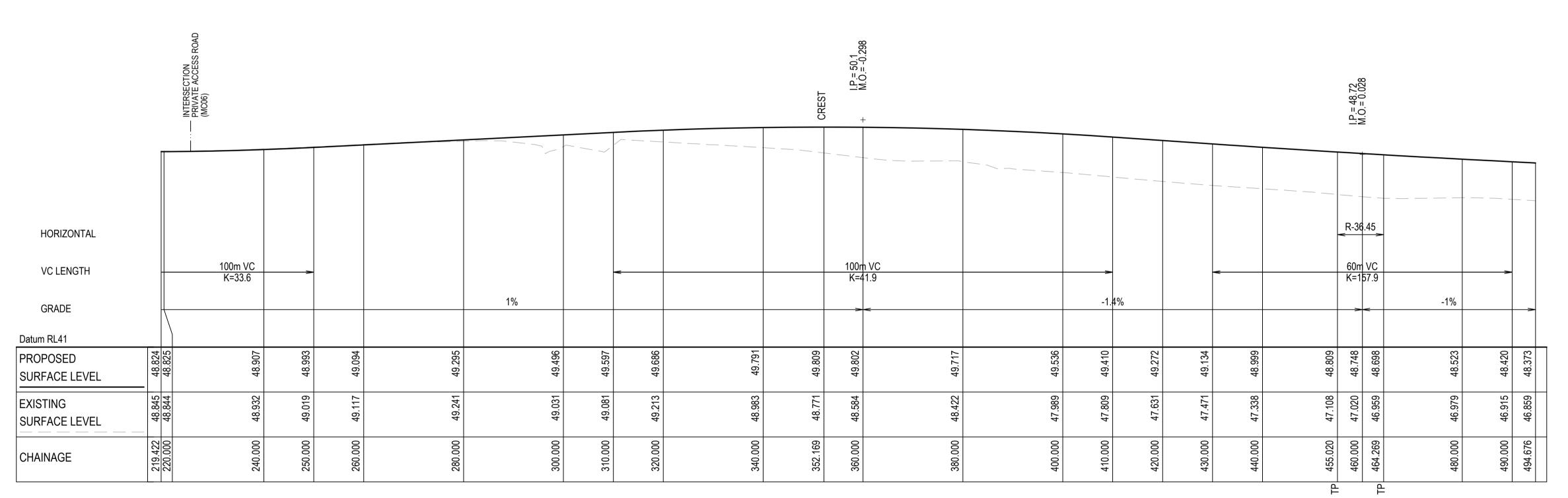


ABBOTTS ROAD (MC01) LONGITUDINAL SECTION

SCALE 1:500 HORIZONTAL
1:100 VERTICAL

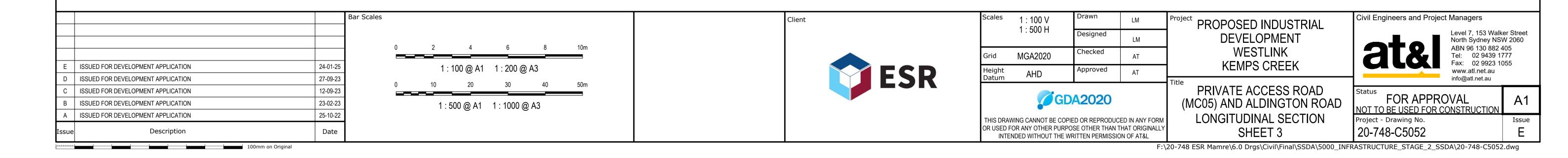


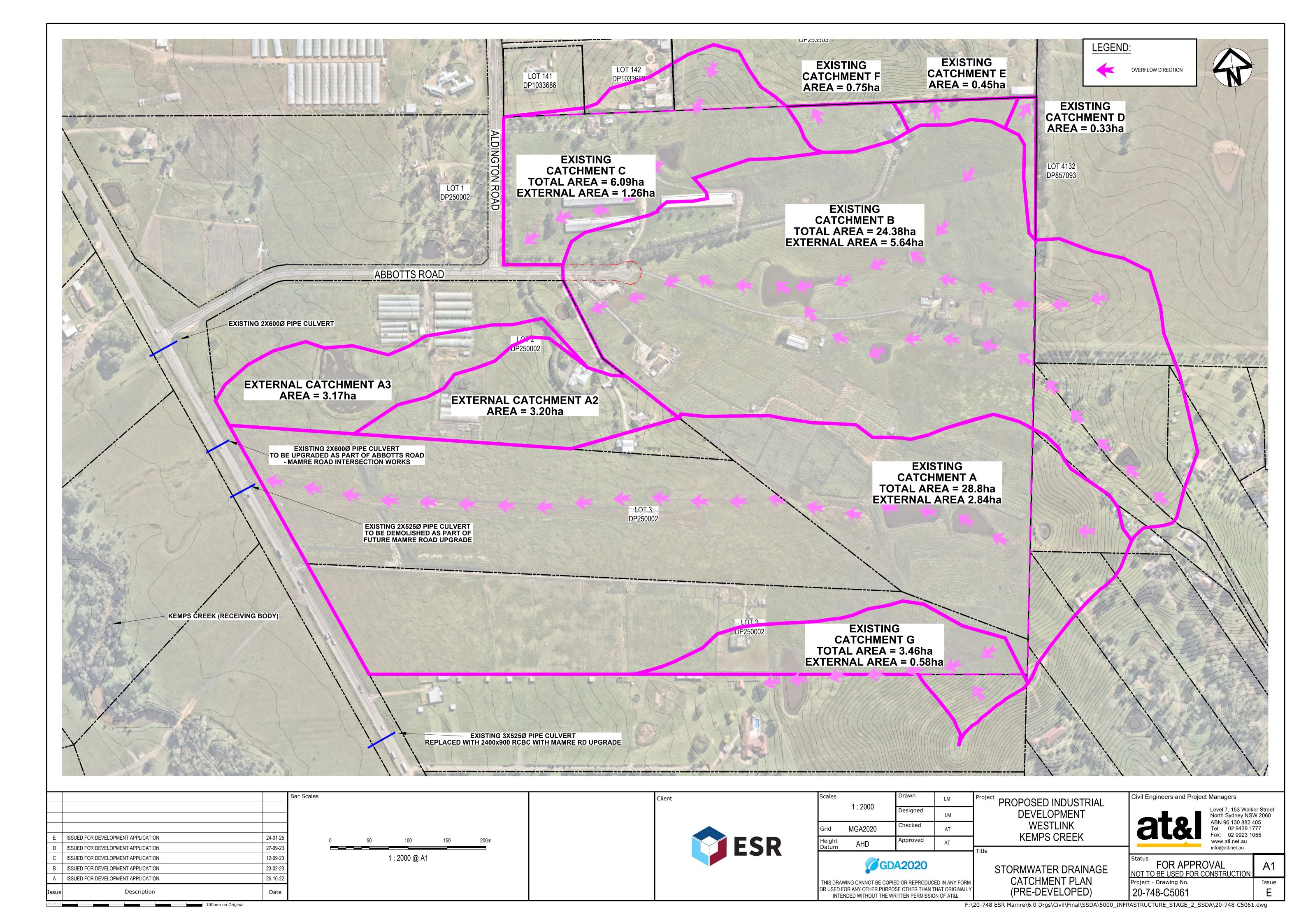


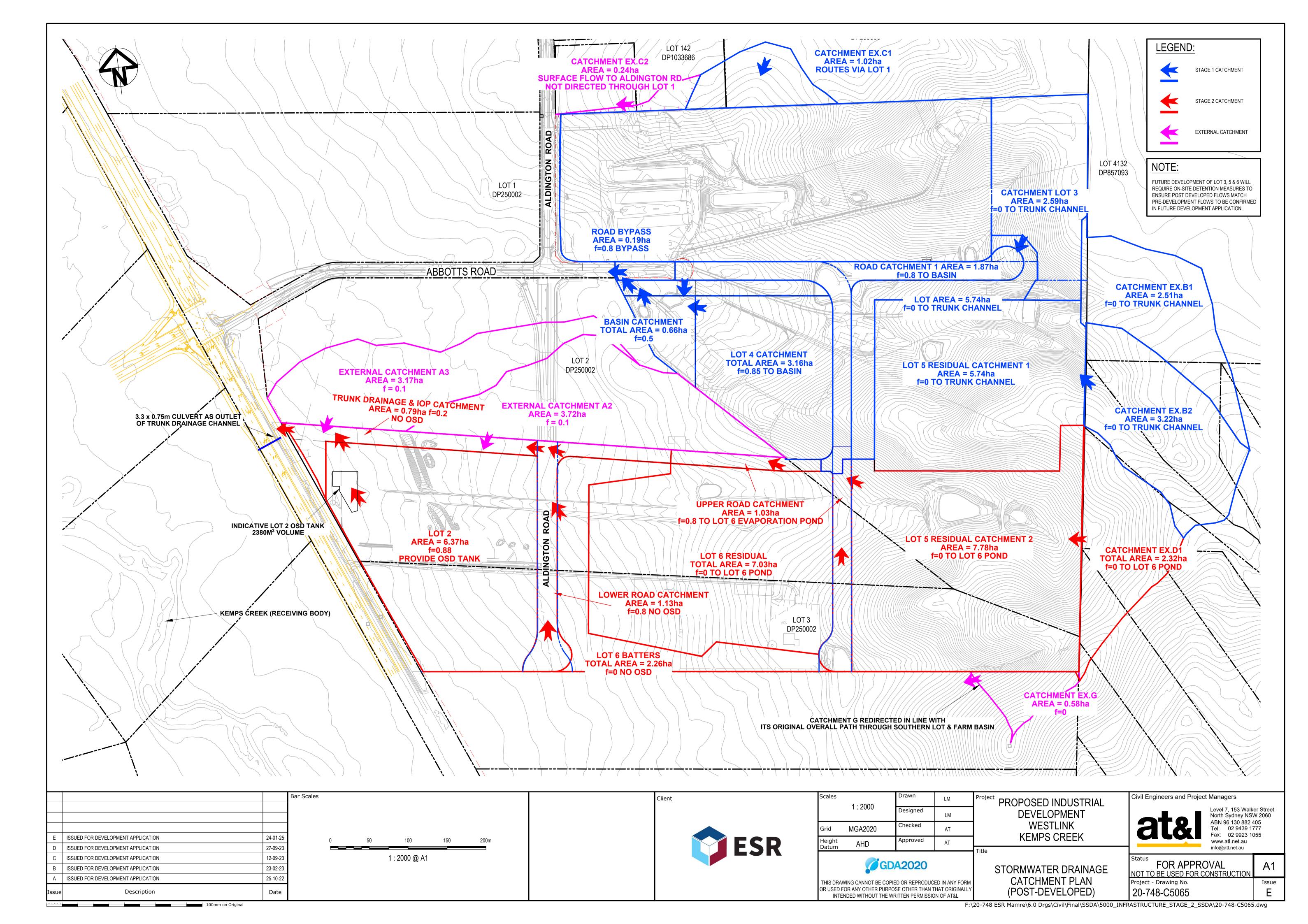


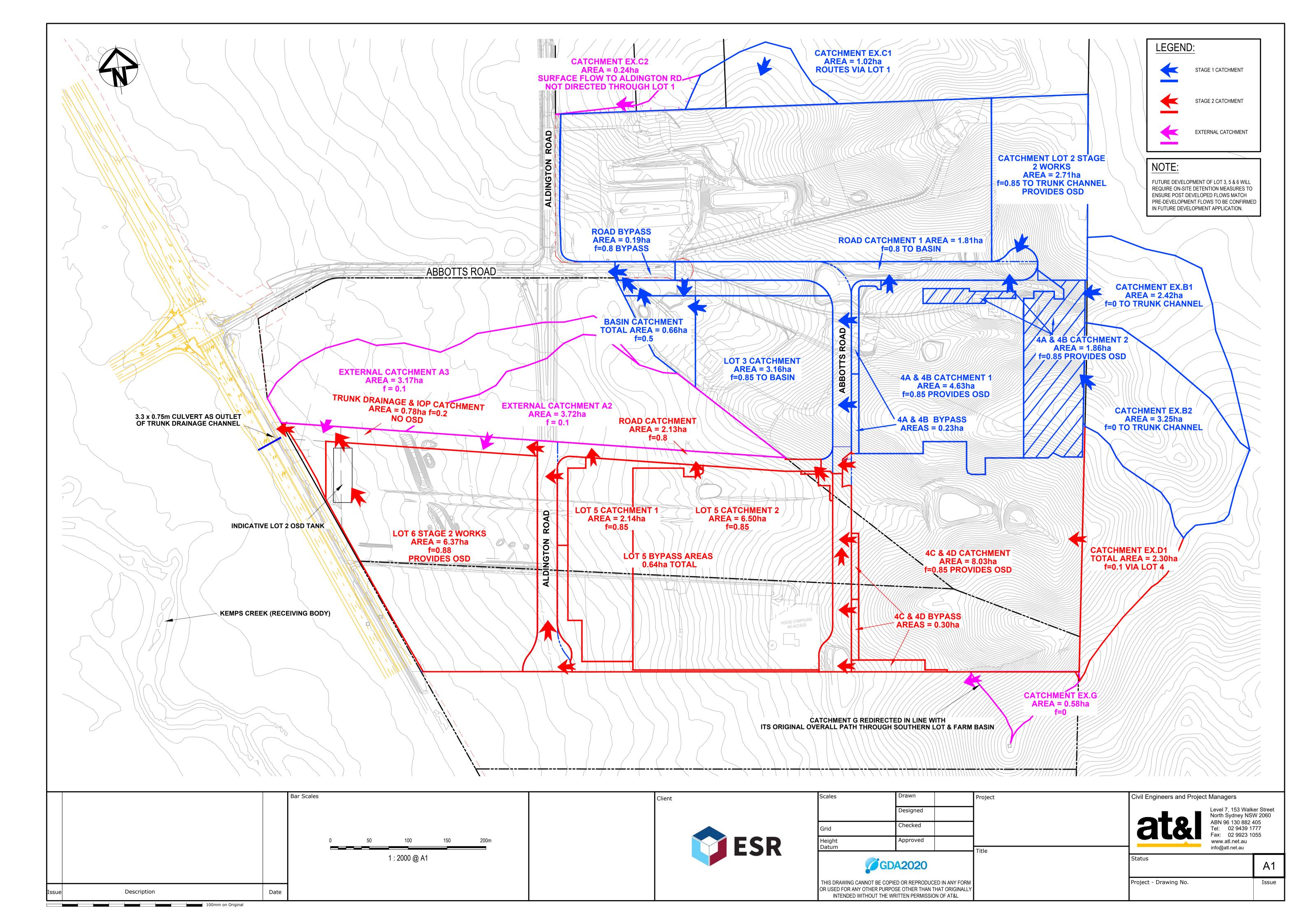
ALDINGTON ROAD LONGITUDINAL SECTION

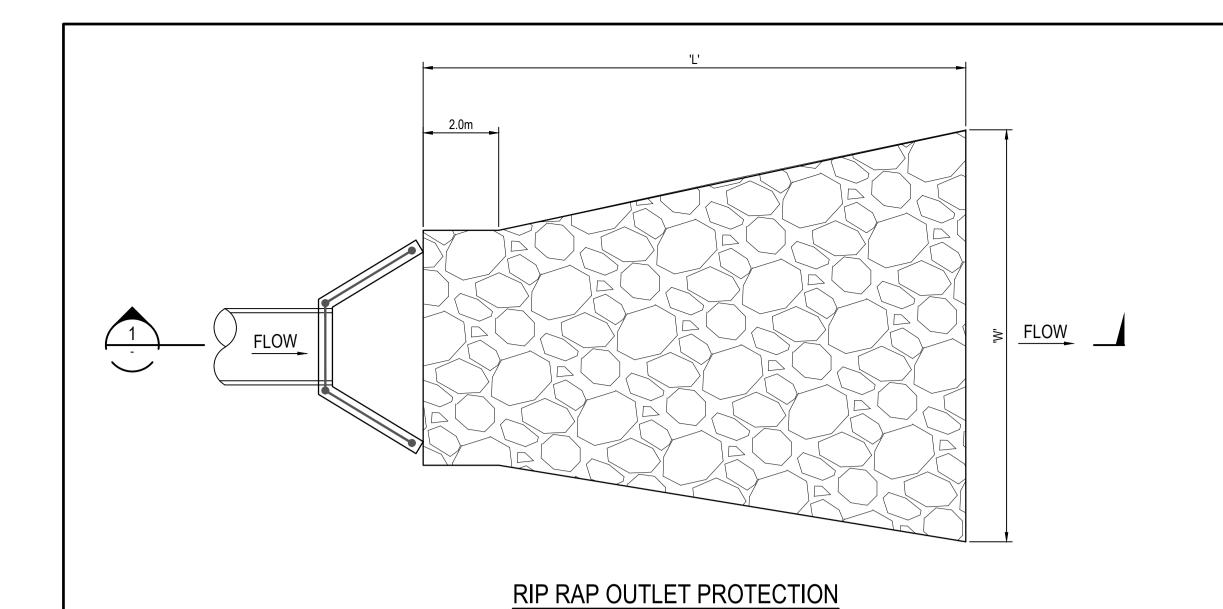
SCALE 1:500 HORIZONTAL
1:100 VERTICAL

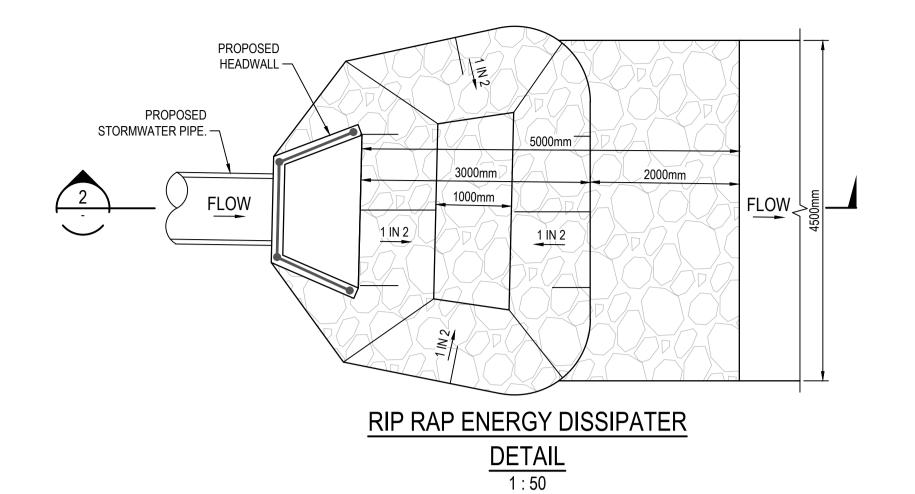


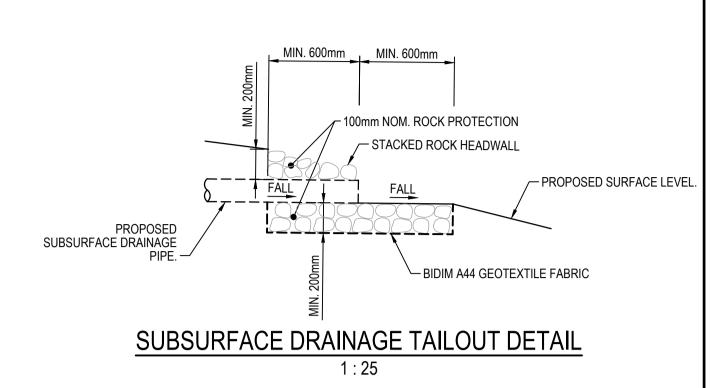


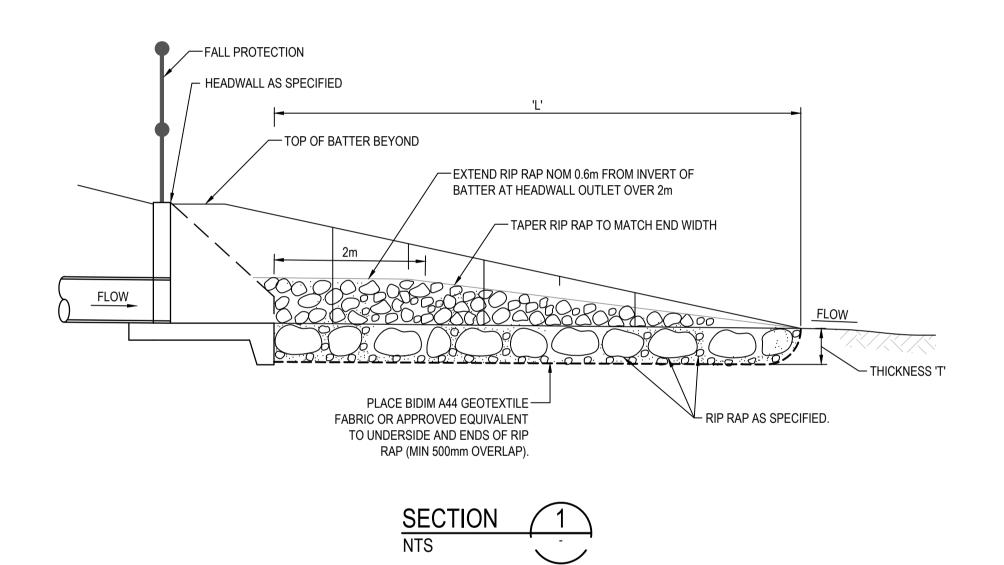






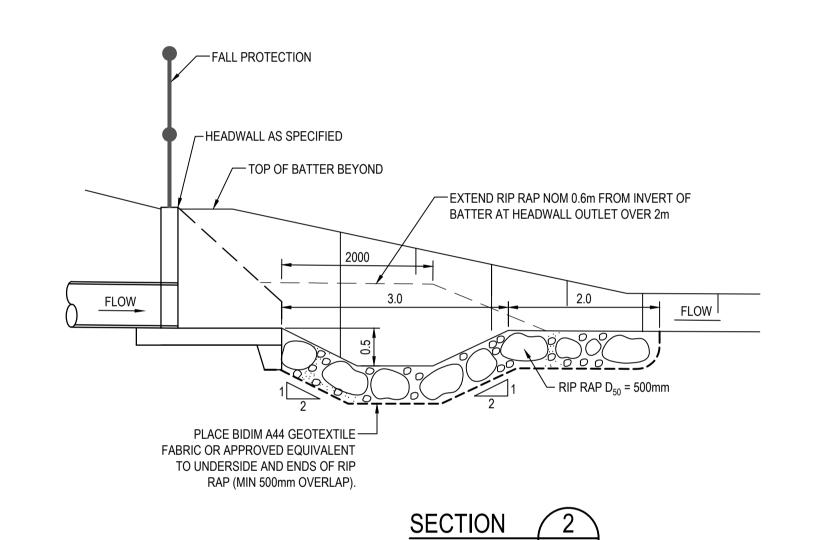






TYPE 1 DETAIL

1:100



		ROCK DISTRIBUTION BY %				
	200mm	300mm	400mm	500mm	600mm	
	400	600	750	850	900	15-25%
ROCK SIZE	300	400	525	600	750	20%
(mm)	200	300	400	500	600	50%
	75	100	150	150	200	15-25%

ROCK GRADATION TABLE

Е	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
С	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
В	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
Α	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date

100mm on Original

Bar Scales						
	0	2	4	6	8	10m
		1:	100 @ A1	1 : 200 @	A3	
	0	1	2	3	4	5m
		1:	50 @ A1	1:100@/	43	
	0	0.5	1	1.5	2	2.5m
		1 :	25 @ A1	1 : 50 @ A	۸3	

2 3 4 5m	4	6	8	10m
1 : 50 @ A1 1 : 100 @ A3	1 : 100 @ A1	1 : 200 @ A3		_
	2	3	4	5m
1 1.5 2 2.5m	1 : 50 @ A1 1	: 100 @ A3		
	1	1.5	2	2.5m

Client

Scales		Drawn	LM	Project
	AS SHOWN	Designed	LM	
Grid	MGA2020	Checked	AT	
Height	AHD	Approved	AT	
Datum				Title

GDA2020

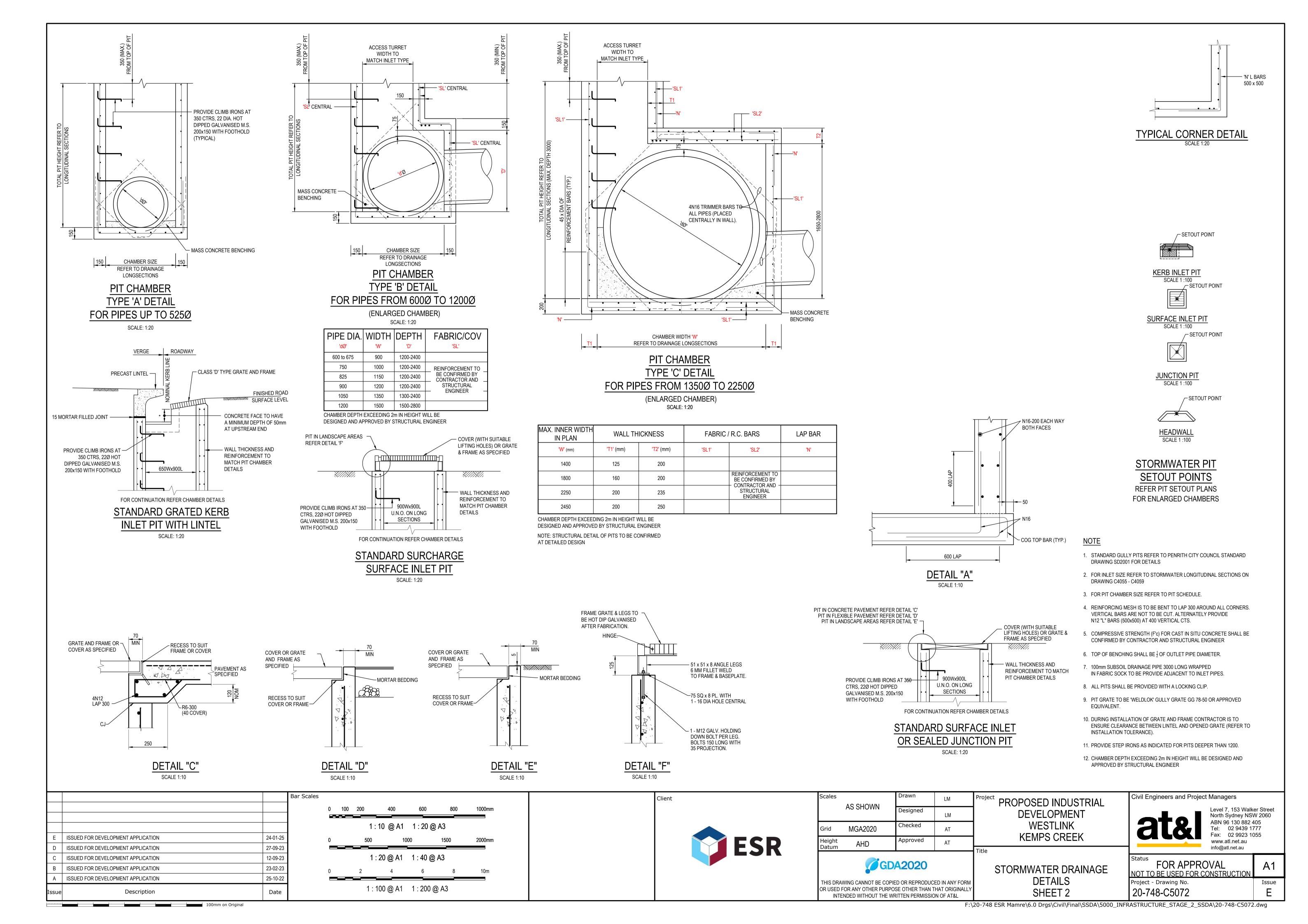
STORMWATER DRAINAG **DETAILS** THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY SHEET 1 INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L

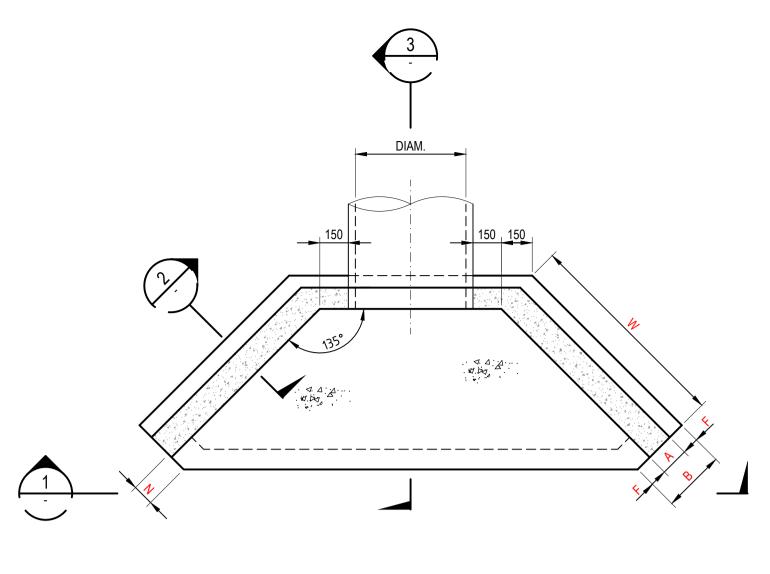
PROPOSED INDUSTRIAL
DEVELOPMENT
WESTLINK
KEMPS CREEK

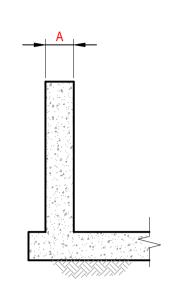
Civil Engineers and Project Managers Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au

GE	FOR API NOT TO BE USED FO Project - Drawing No.
	Project - Drawing No.
	20-748-C5071

info@atl.net.au FOR APPROVAL BE USED FOR CONSTRUCTION rawing No. Issue

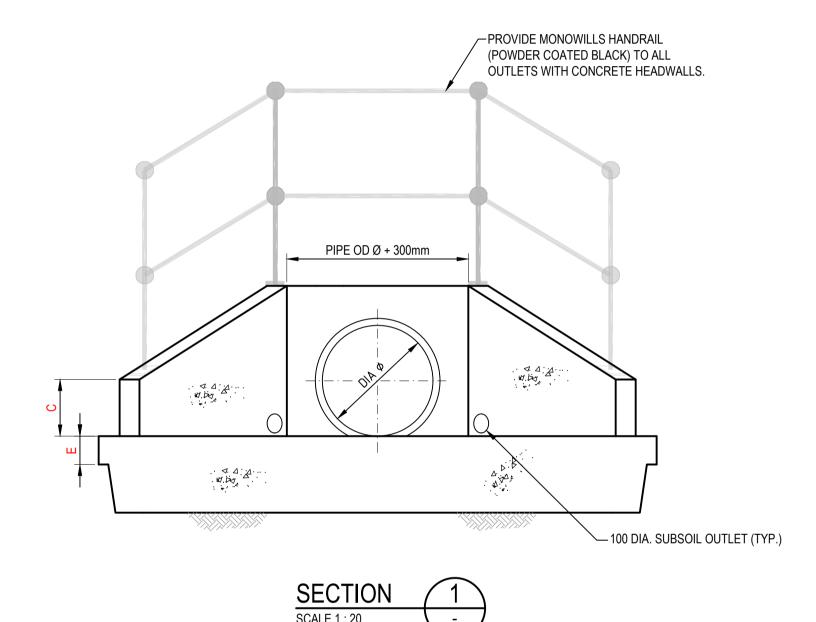


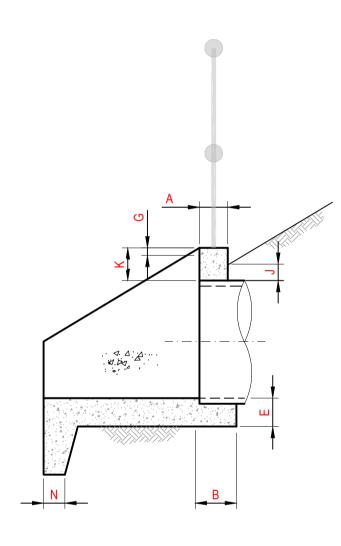












SECTION	3
SCALE 1 : 20	

HEADWALL TYPE "A" - SINGLE PIPE															
PIPE DIAMETER	300	375	450	525	600	675	750	825	900	1050	1200	1350	1500	1650	1800
А	150	150	150	175	175	175	200	200	225	225	225	250	250	250	250
В	300	300	300	375	375	375	450	450	525	525	525	550	550	550	550
С	300	300	300	300	350	350	350	350	350	350	350	350	350	350	350
D	375	375	375	375	530	530	530	530	530	530	530	530	530	530	530
E	150	150	150	150	175	175	200	200	225	225	225	225	225	225	225
F	75	75	75	100	100	100	125	125	150	150	150	150	150	150	150
G	40	40	40	40	50	50	50	50	50	50	50	50	50	50	50
J	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
К	200	200	200	200	300	300	300	300	300	300	300	300	300	300	300
N	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
W	700	700	850	1000	1100	1300	1450	1600	1750	1950	2200	2500	2700	2800	2900

- NOTES
 COMPRESSIVE STRENGTH (Fc) FOR CAST-IN-SITU CONCRETE TO BE A MINIMUM OF 32mPa AT 28 DAYS.
- 25mm CHAMFER ON ALL EXPOSED SURFACES.
- CONTRACTOR TO DESIGN AND PROVIDE STRUCTURAL CERTIFICATE FOR ALL PITS / END STRUCTURES UNLESS ADAPTING PENRITH CITY COUNCIL STANDARD DETAILS WHERE APPLICABLE.
- ANTI GRAFFITI PAINT TO BE APPLIED TO FACE OF ALL HEADWALLS

Е	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
С	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
В	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
Α	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date

100mm on Original

Bar Scales					
	٥	500	4000	4500	0000
	0	500	1000	1500	2000mm
		1:20	@ A1 1:40	@ A3	
				O 1 12	



Client

Scales	AS SHOWN	Drawn	LM	Proje
	AS SHOWN	Designed	LM	
Grid	MGA2020	Checked	AT	
Height Datum	AHD	Approved	AT	

GDA2020

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PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

STORMWATER DRAINAGE

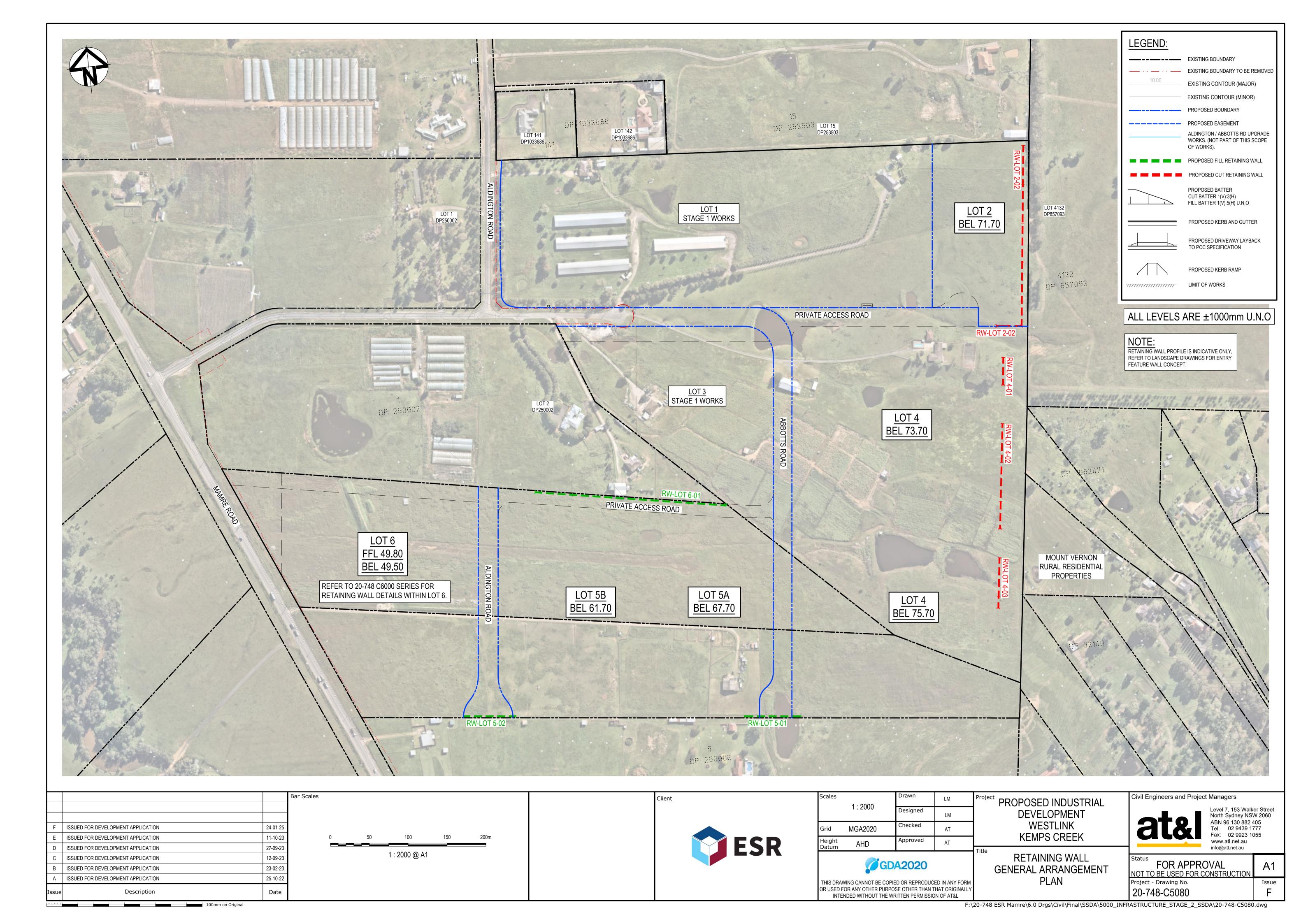
DETAILS

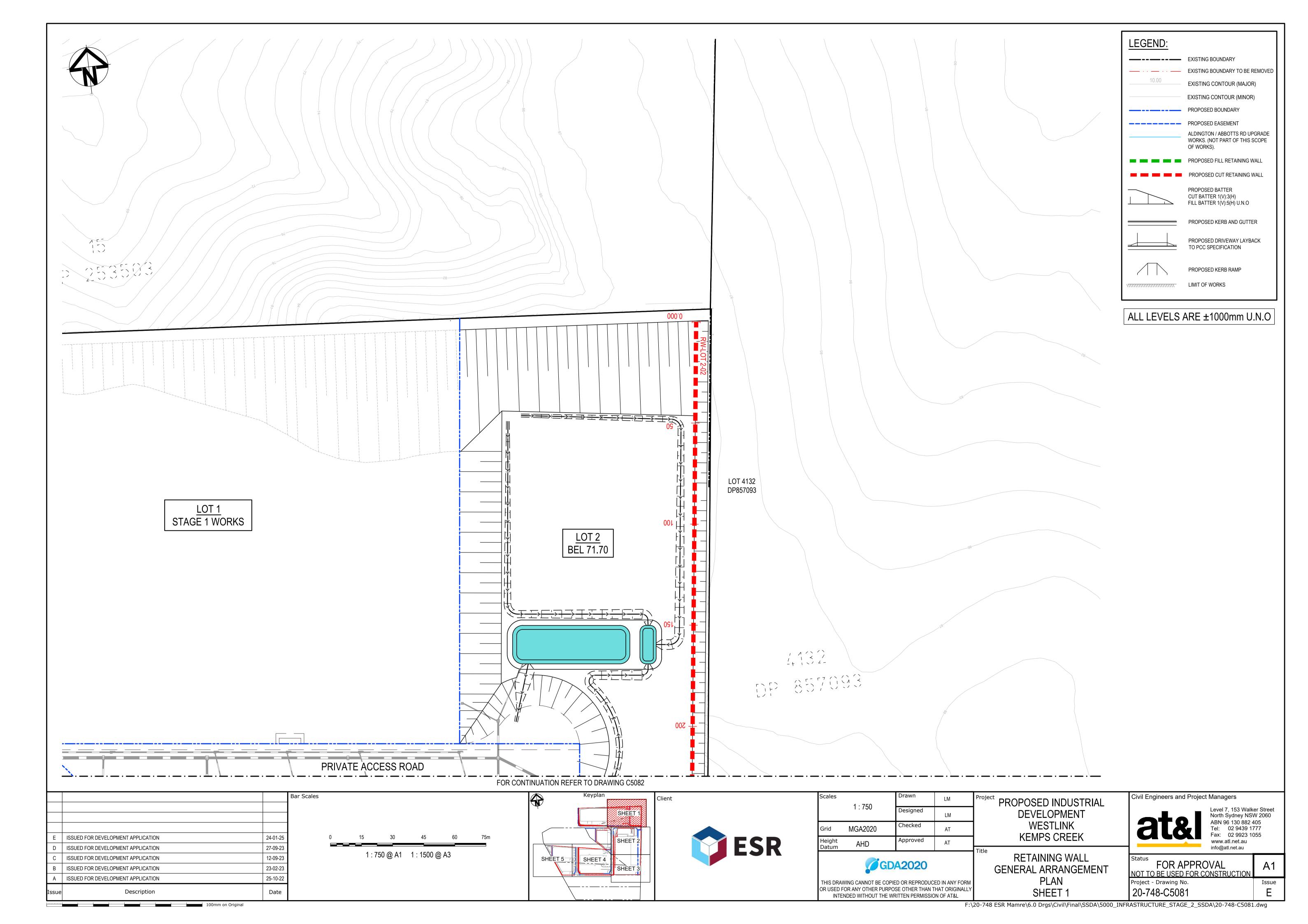
SHEET 3

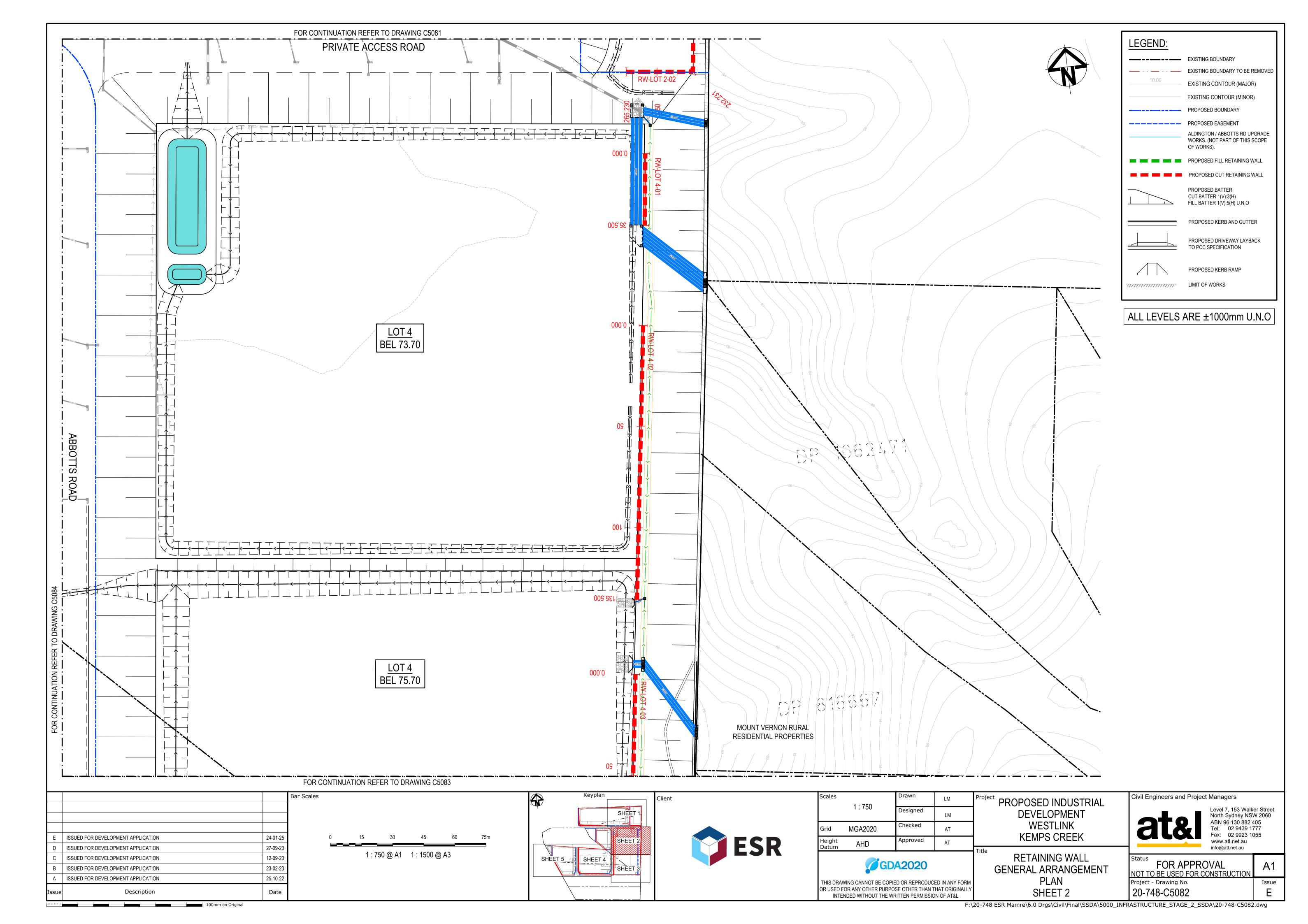
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au

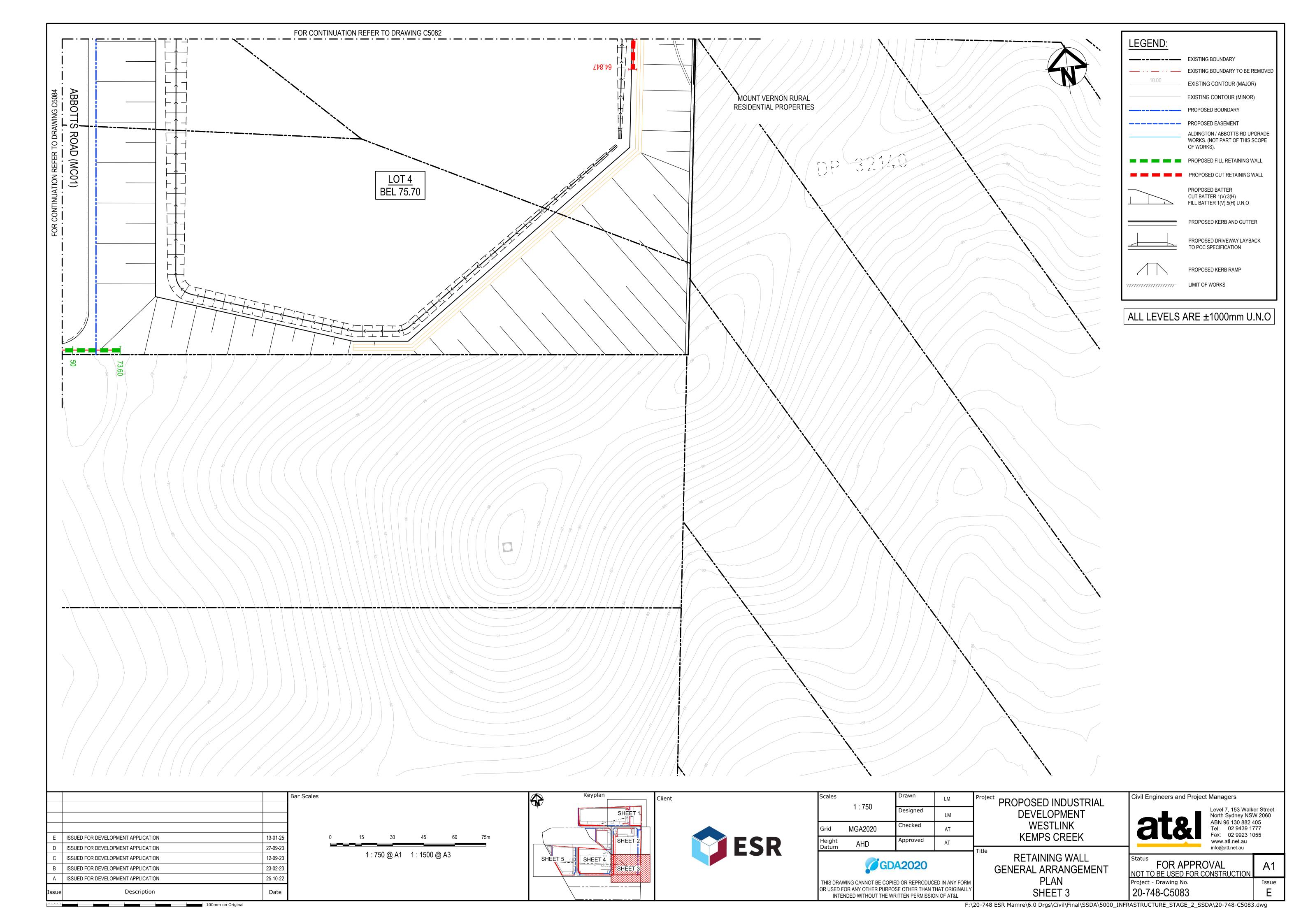
FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. 20-748-C5073

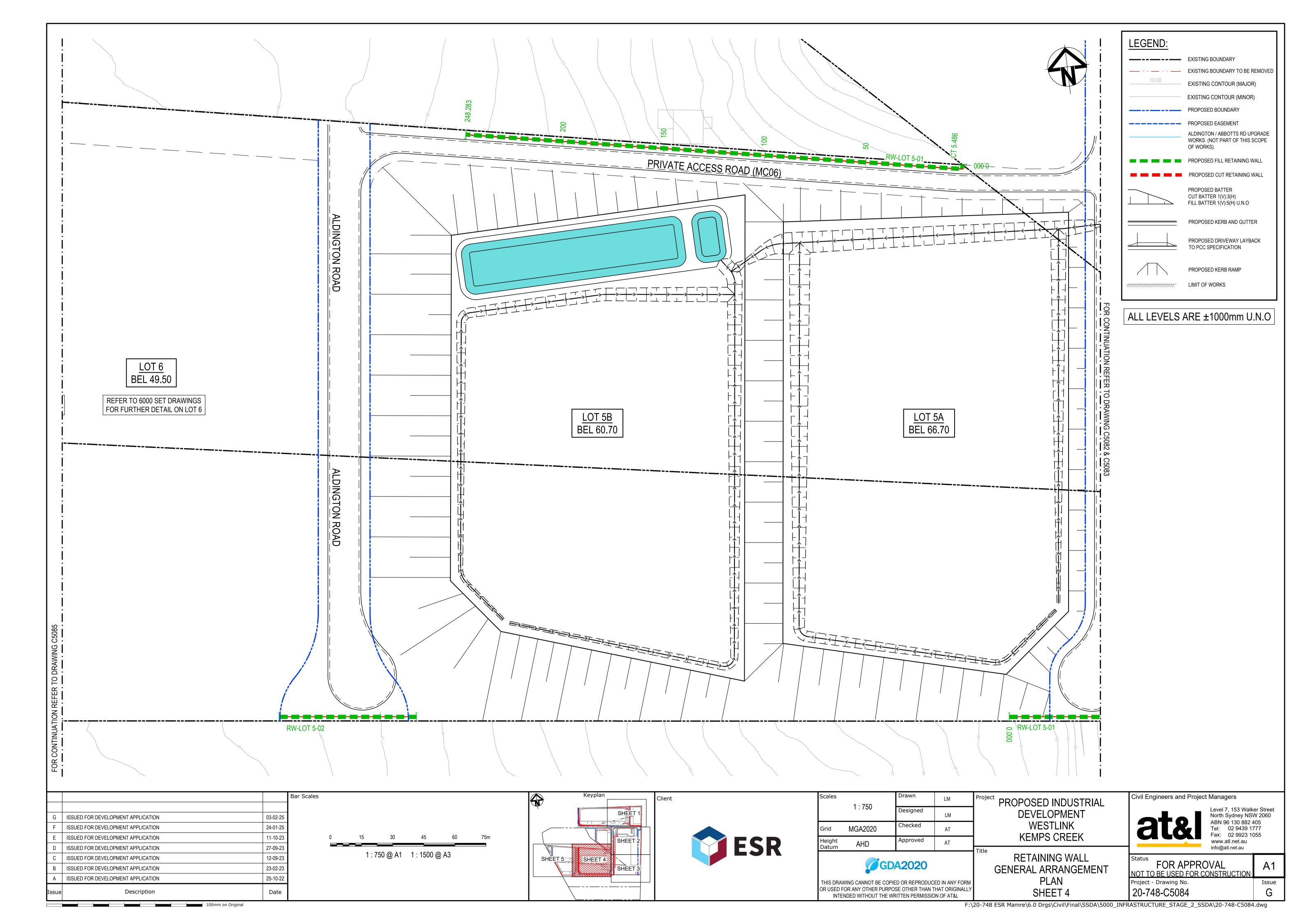
Civil Engineers and Project Managers

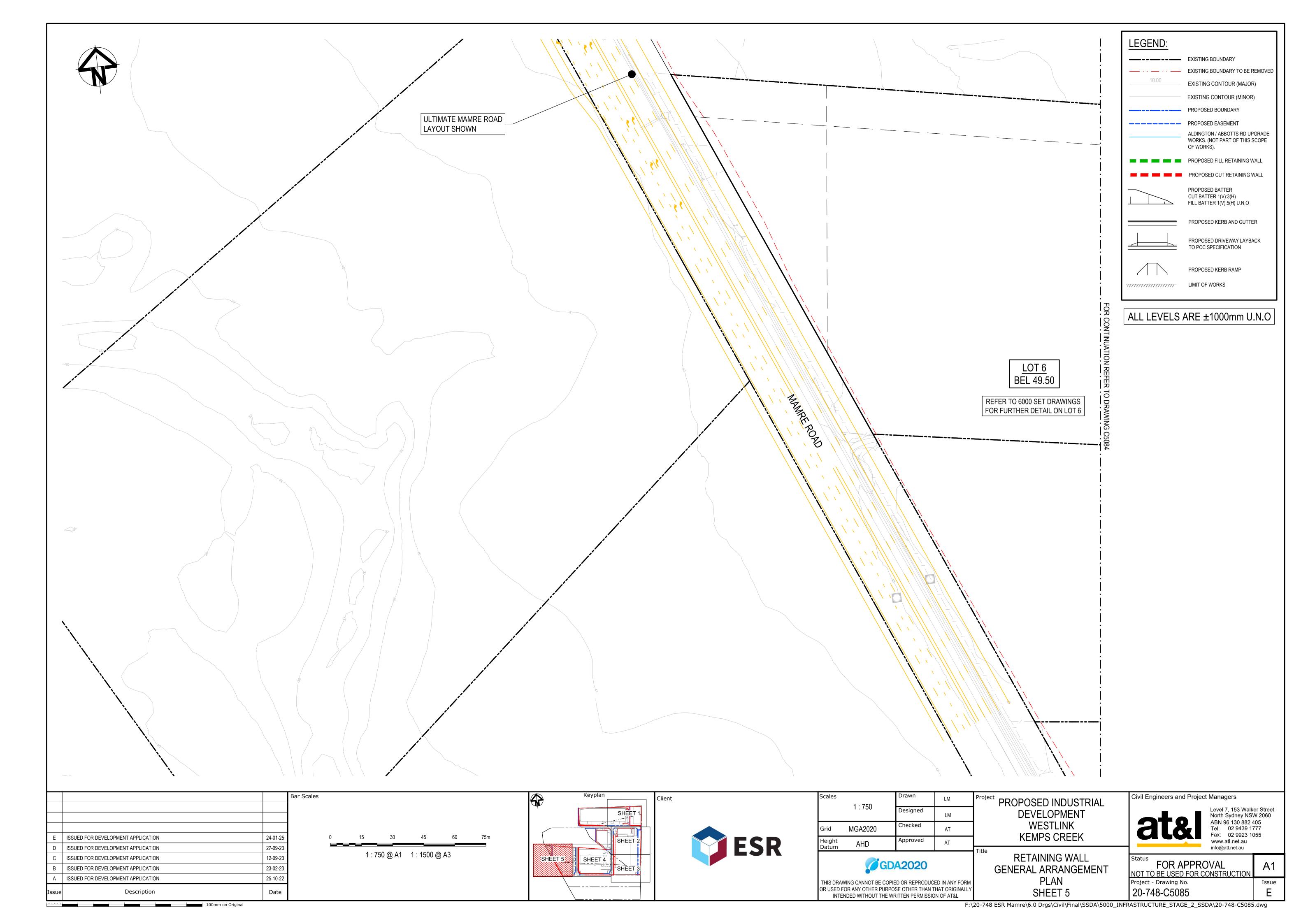








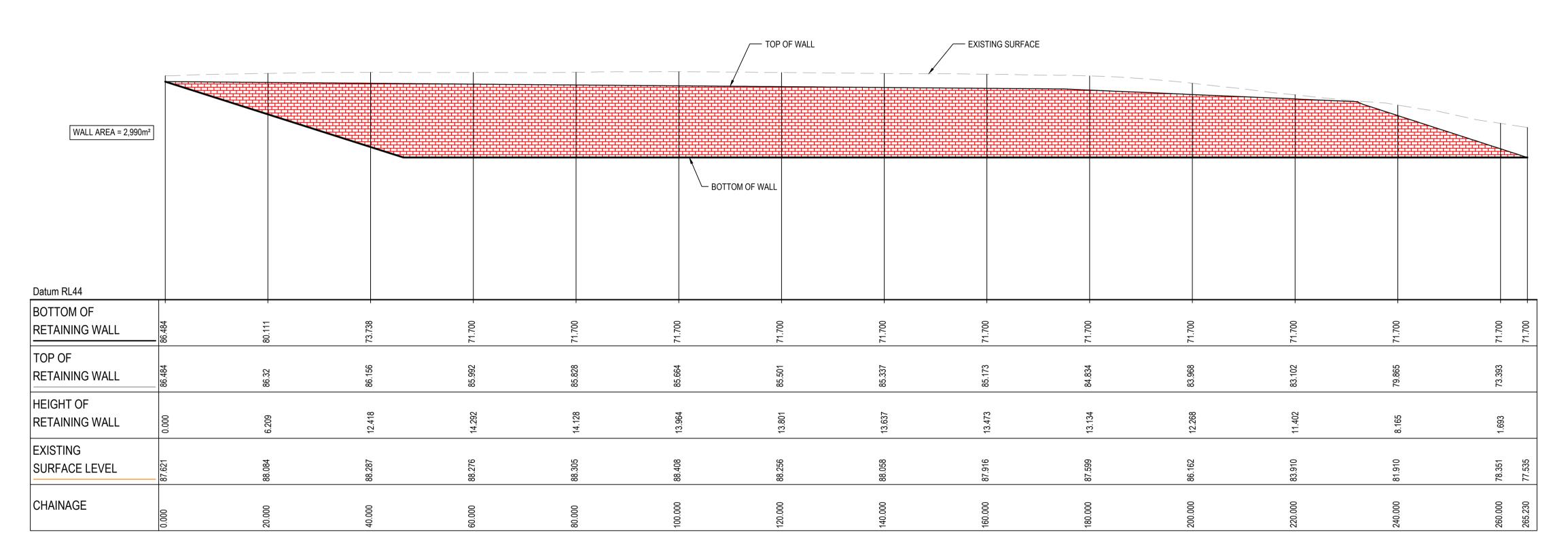




ALL FINISHED LEVELS ARE ±1000mm U.N.O
REFER TO DRG C5020 FOR TYPICAL WALL SECTIONS

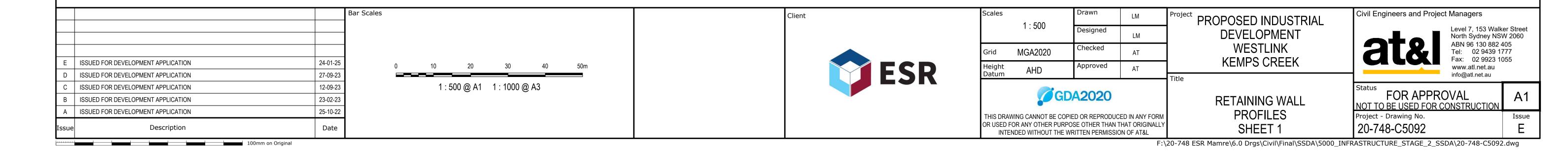
NOTE:
RETAINING WALL PROFILE IS INDICATIVE ONLY,
REFER TO LANDSCAPE DRAWINGS FOR ENTRY

FEATURE WALL CONCEPT.



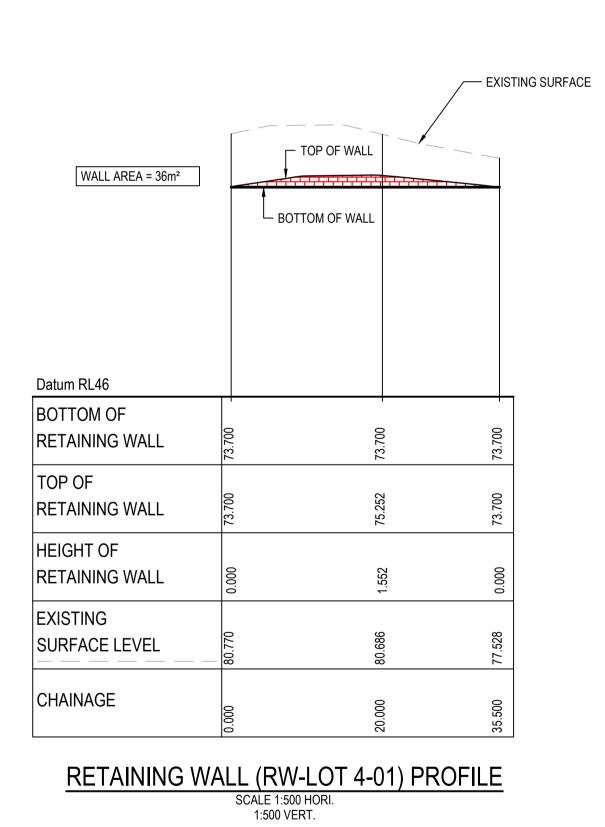
RETAINING WALL (RW-LOT 2-02) PROFILE

SCALE 1:500 HORI.
1:500 VERT.



ALL FINISHED LEVELS ARE ±1000mm U.N.O REFER TO DRG C5020 FOR TYPICAL WALL SECTIONS RETAINING WALL PROFILE IS INDICATIVE ONLY, REFER TO LANDSCAPE DRAWINGS FOR ENTRY

FEATURE WALL CONCEPT.



— EXISTING SURFACE TOP OF WALL WALL AREA = 642m² - BOTTOM OF WALL Datum RL46 воттом оғ RETAINING WALL TOP OF RETAINING WALL HEIGHT OF RETAINING WALL EXISTING SURFACE LEVEL CHAINAGE

RETAINING WALL (RW-LOT 4-02) PROFILE

SCALE 1:500 HORI.
1:500 VERT.

	Bar Scales	Client	Scales	4 -00	Drawn	LM	Project PROPOSED INDUSTRIAL	Civil Engineers and Project Managers
				1 : 500	Designed	LM	DEVELOPMENT	Level 7, 153 Walker S North Sydney NSW 2
			Grid	MGA2020	Checked	AT	WESTLINK	ABN 96 130 882 405 Tel: 02 9439 1777
24-01-25	0 10 20 30 40 50m	FCD	Height	ALID	Approved	٨Τ	─ KEMPS CREEK	Fax: 02 9923 1055 www.atl.net.au
27-09-23		L ESK	Datum	AHD		Ai	Title	info@atl.net.au
12-09-23	1 : 500 @ A1 1 : 1000 @ A3							Status
23-02-23				G	DA2020		RETAINING WALL	FOR APPROVAL
25-10-22			TINO DDA	VAUNO CANINOT DE CO		IOED IN ANIX EODS		NOT TO BE USED FOR CONSTRUCTION
Date			OR USED	FOR ANY OTHER PUF	RPOSE OTHER THAN	THAT ORIGINALL	SHEET 2	Project - Drawing No. 20-748-C5093
	24-01-25 27-09-23 12-09-23 23-02-23 25-10-22	24-01-25 27-09-23 12-09-23 23-02-23 25-10-22	24-01-25 27-09-23 12-09-23 23-02-23 25-10-22 D 10 20 30 40 50m 1: 500 @ A1 1: 1000 @ A3	Grid 24-01-25 27-09-23 12-09-23 23-02-23 25-10-22 Date	1:500 Check	1:500 Designed Checked	1:500 Designed LM 24-01-25 27-09-23 12-09-23 12-09-23 23-02-23 25-10-22 THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FOR THAN THAT ORIGINAL ORIGINAL THAT THE THAT ORIGINAL THAT THE THAT THE THAT THAT ORIGINAL THAT THE THAT THE THAT THE THAT THE THAT THE THAT T	1:500 Designed LM DEVELOPMENT WESTLINK KEMPS CREEK Title Title Title Title PROFILES Or used for any other purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Checked Name of the purpose other than that originally Name of the purpose other Name of the purpose other than that originally Name of the purpose other than that originally Name of the purpose other than that originally Name of the purpose other than that origina

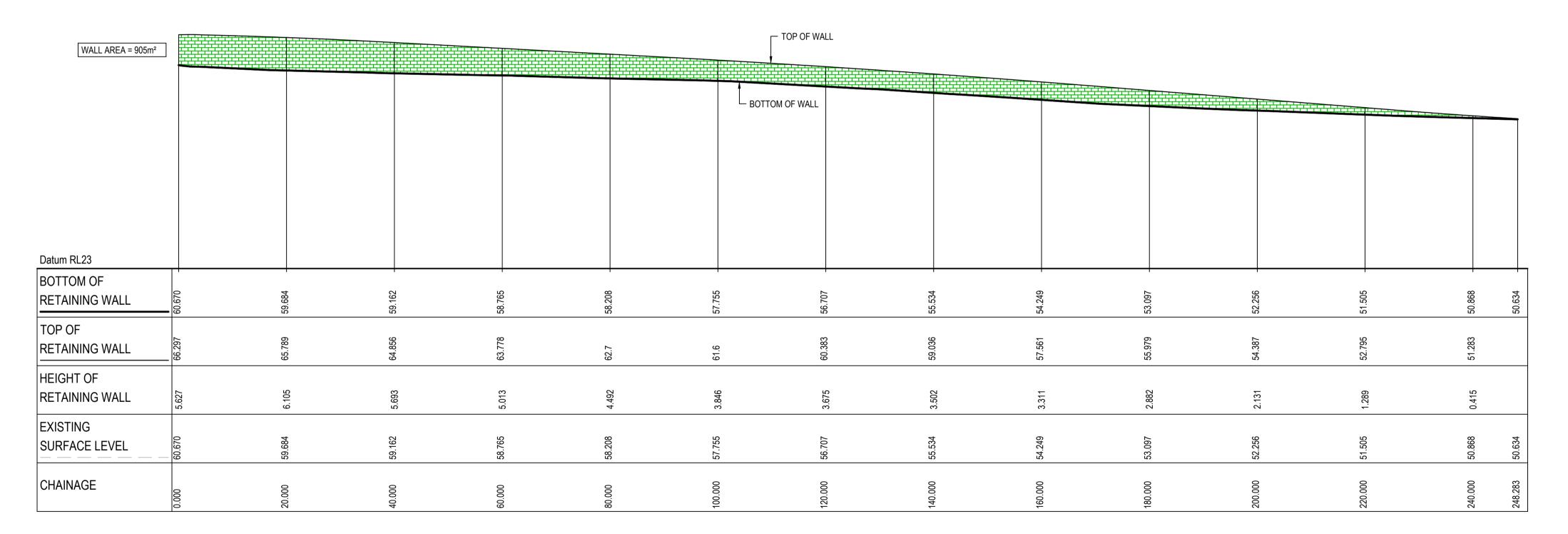
Level 7, 153 Walker Street North Sydney NSW 2060

Issue

NOTES:
ALL FINISHED LEVELS ARE ±1000mm U.N.O
REFER TO DRG C5020 FOR TYPICAL WALL SECTIONS

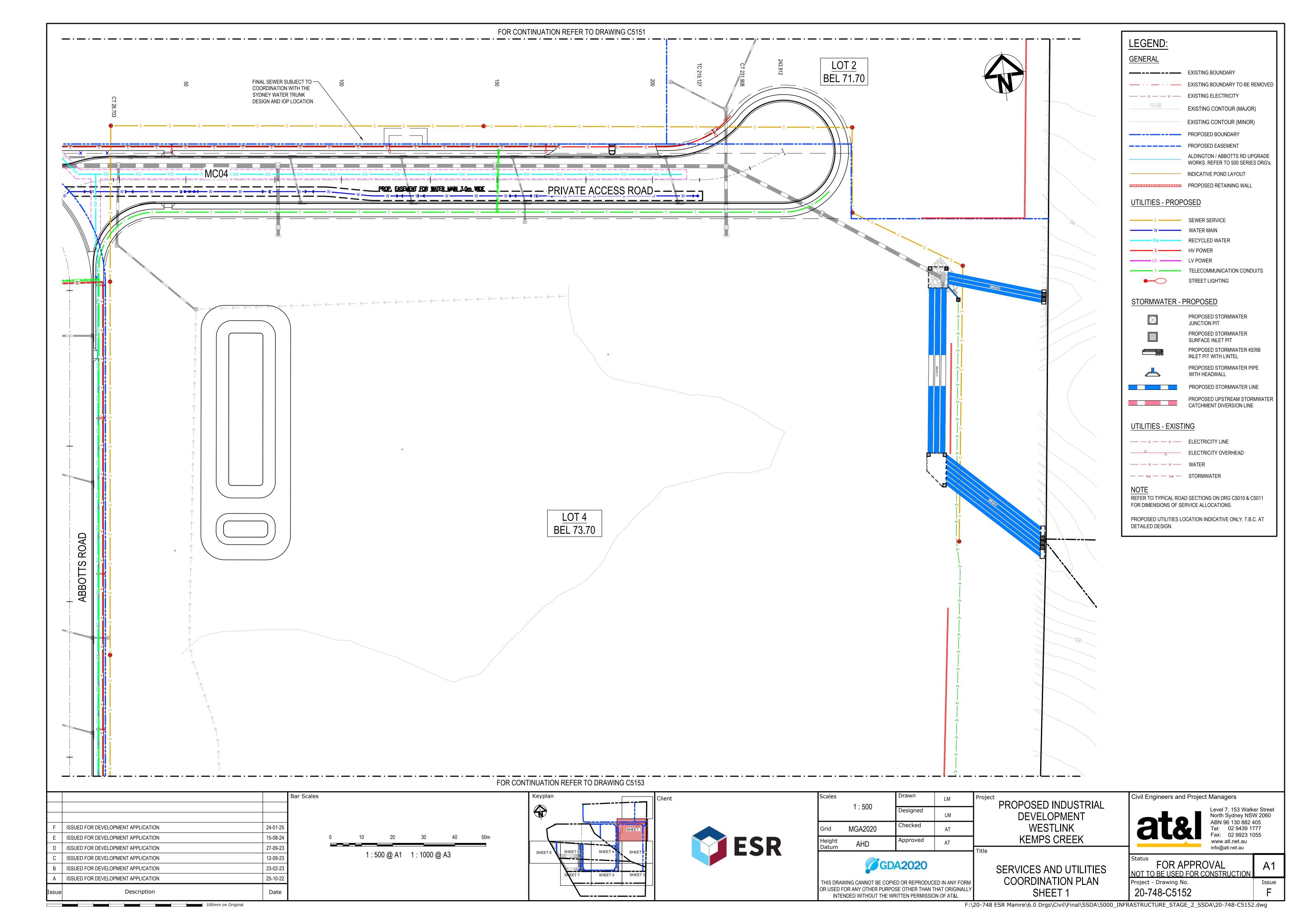
NOTE:
RETAINING WALL PROFILE IS INDICATIVE ONLY,
REFER TO LANDSCAPE DRAWINGS FOR ENTRY

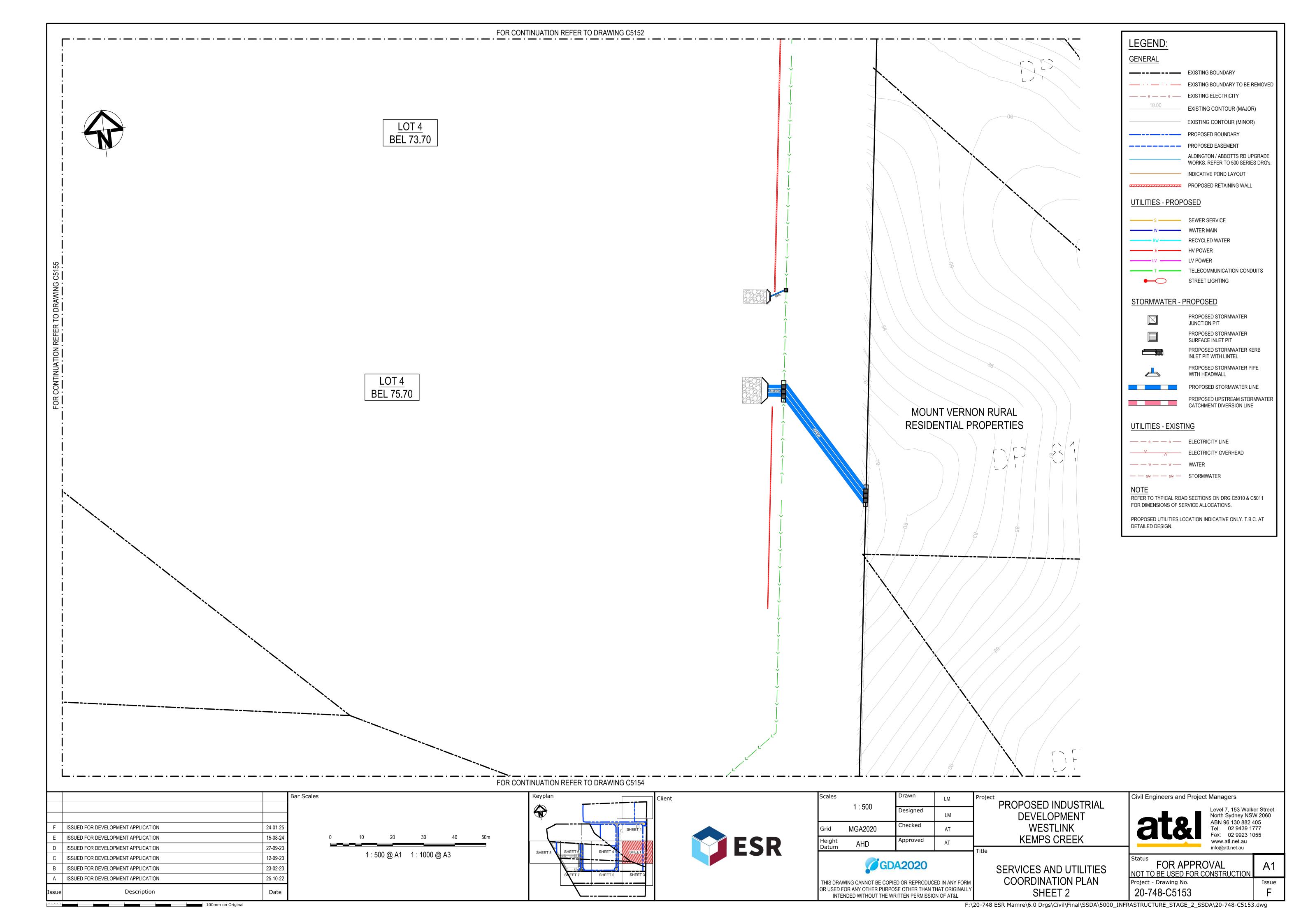
FEATURE WALL CONCEPT.

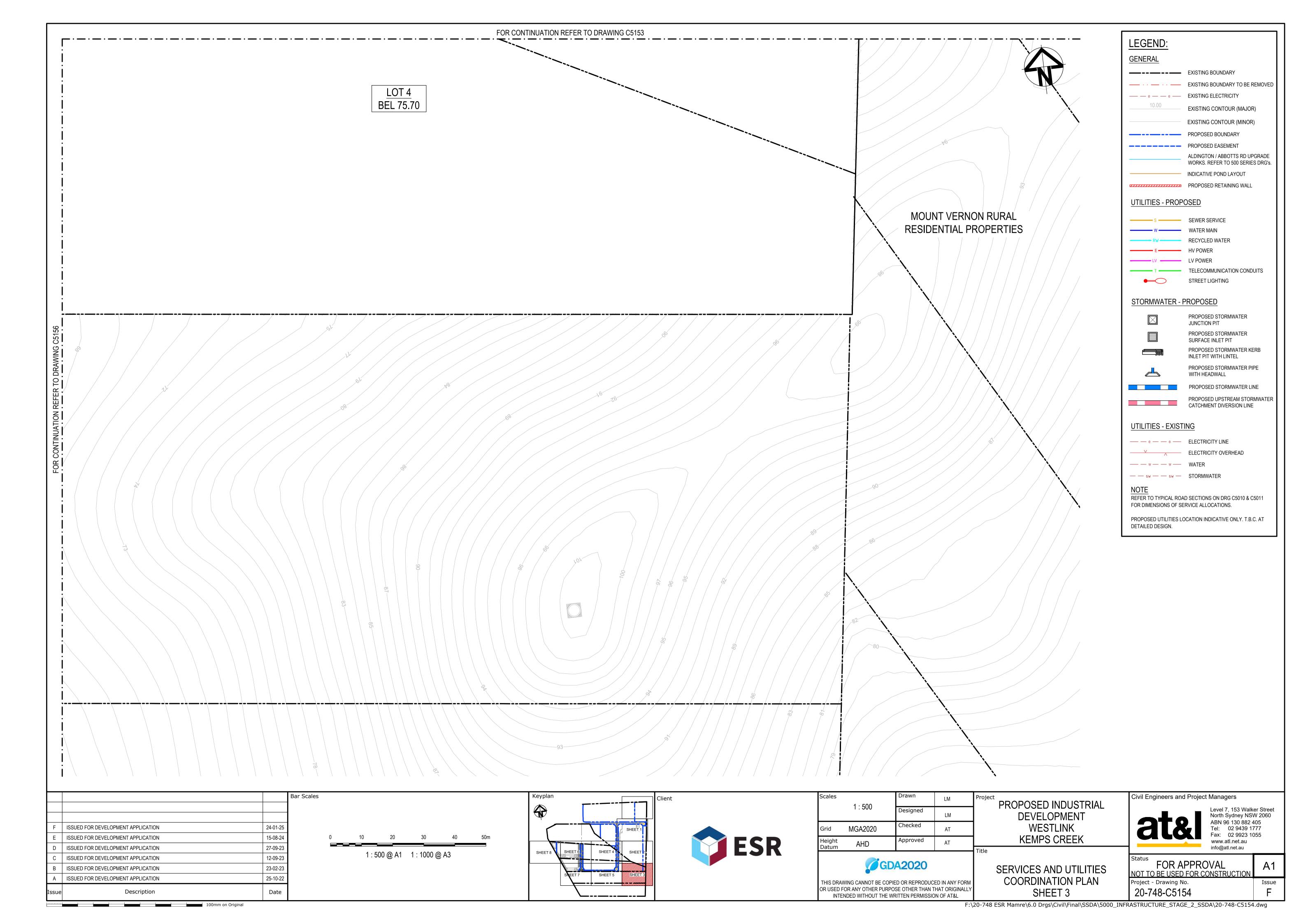


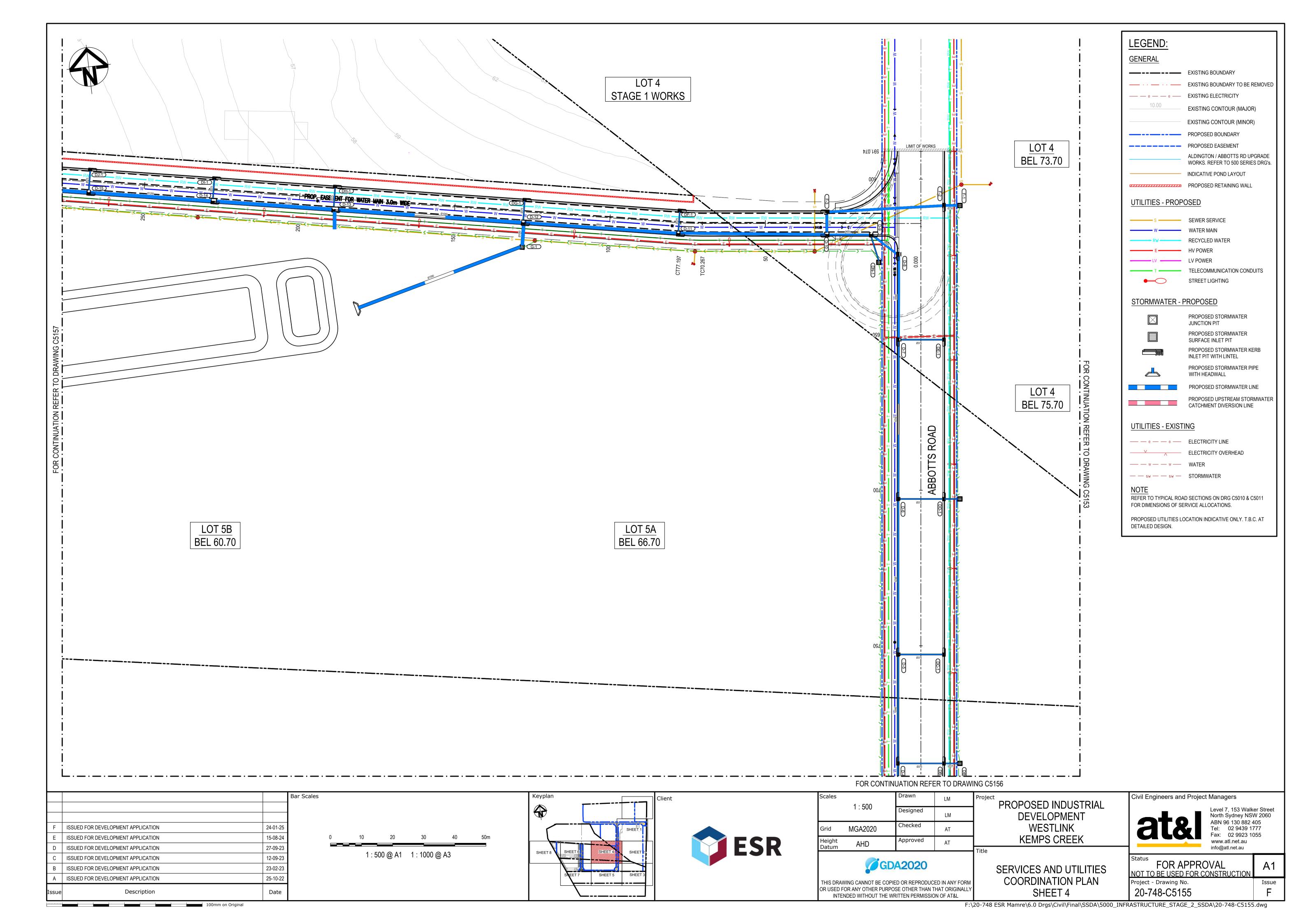
RETAINING WALL RW-LOT 5-01 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

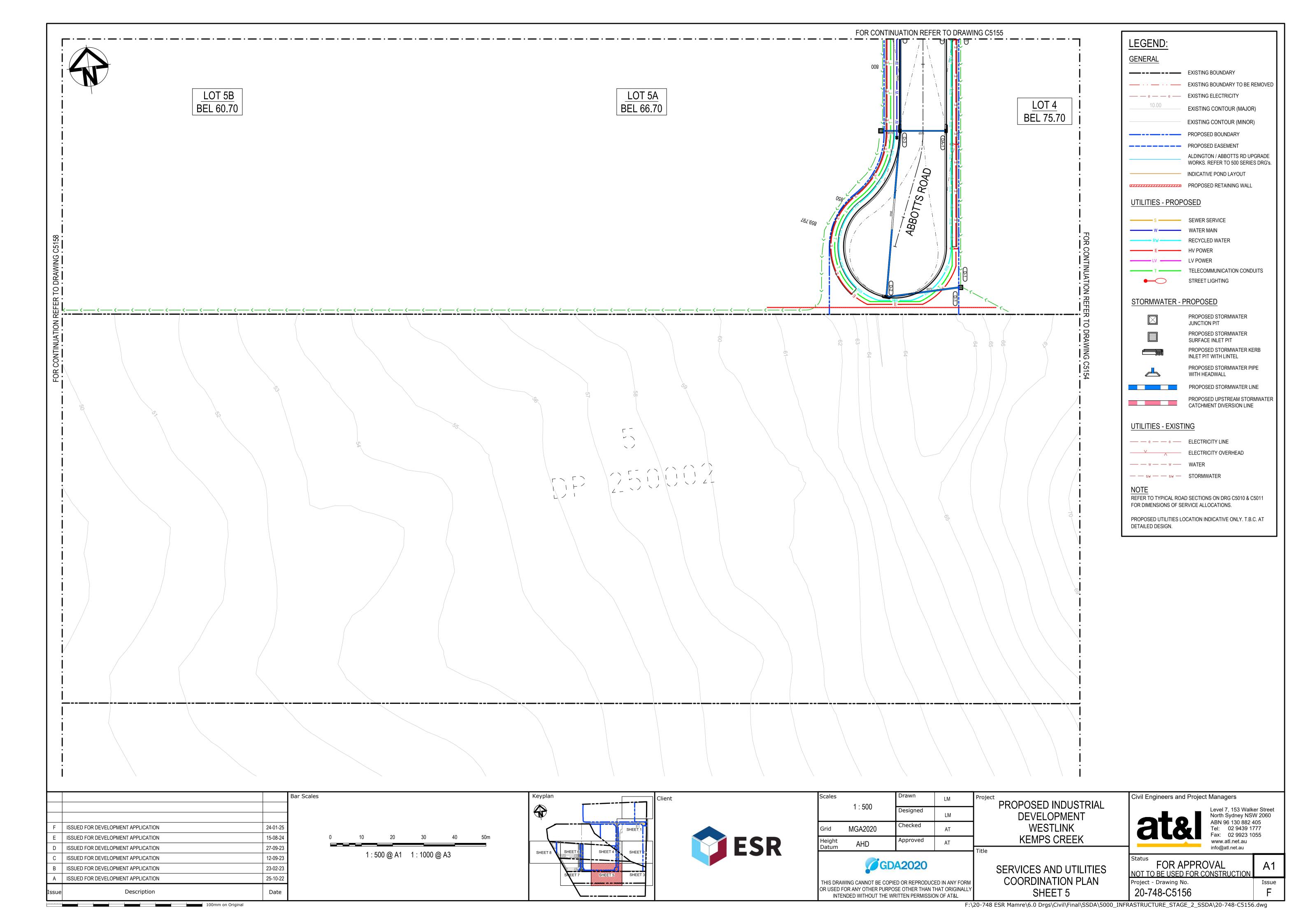
		Bar S	cales	Client	Scales Drawn	LM	Project PROPOSED INDUSTRIAL	Civil Engineers and Project Managers	
					1:500 Designe	d LM	DEVELOPMENT	Level 7, 153 V North Sydney	y NSW 2060
					Grid MGA2020 Checked	AT	WESTLINK	ABN 96 130 8 Tel: 02 943	39 1777
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25	0 10 20 30 40 50m	FCD	Height AUD Approve	d _{AT}	KEMPS CREEK	Fax: 02 992 www.atl.net.a	
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23		I ESR	Datum AHD	Al	Title	info@atl.net.au	
С	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23	1 : 500 @ A1 1 : 1000 @ A3		C an tage			Status	
В	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23			GDA202	0	RETAINING WALL	FOR APPROVAL	A1
А	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22			THIS DRAWING CANNOT BE COPIED OR REPI			NOT TO BE USED FOR CONSTRUCTION Project - Drawing No.	
Issue	Description	Date			OR USED FOR ANY OTHER PURPOSE OTHER INTENDED WITHOUT THE WRITTEN PER	HAN THAT ORIGINALL		20-748-C5094	Issue E

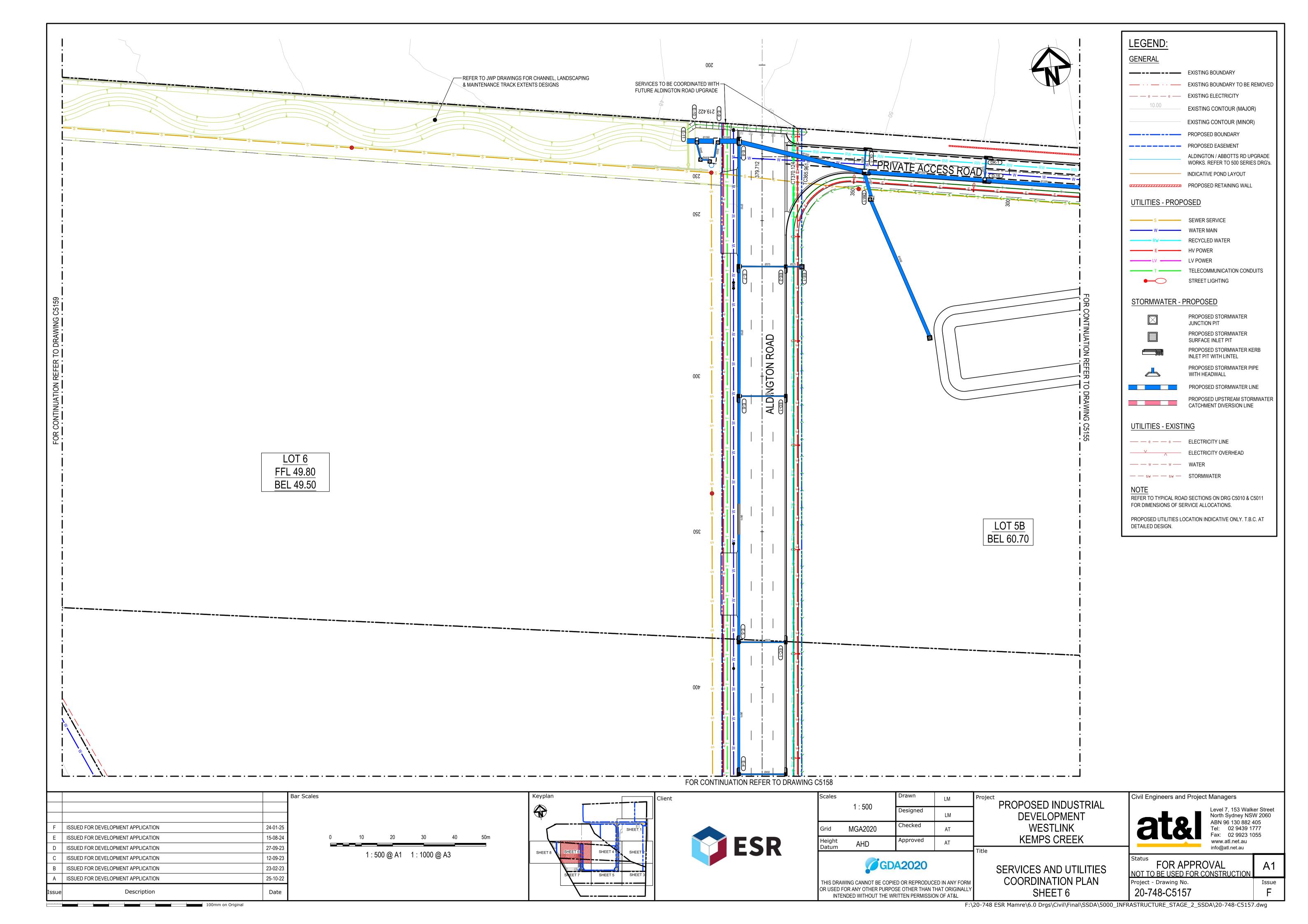


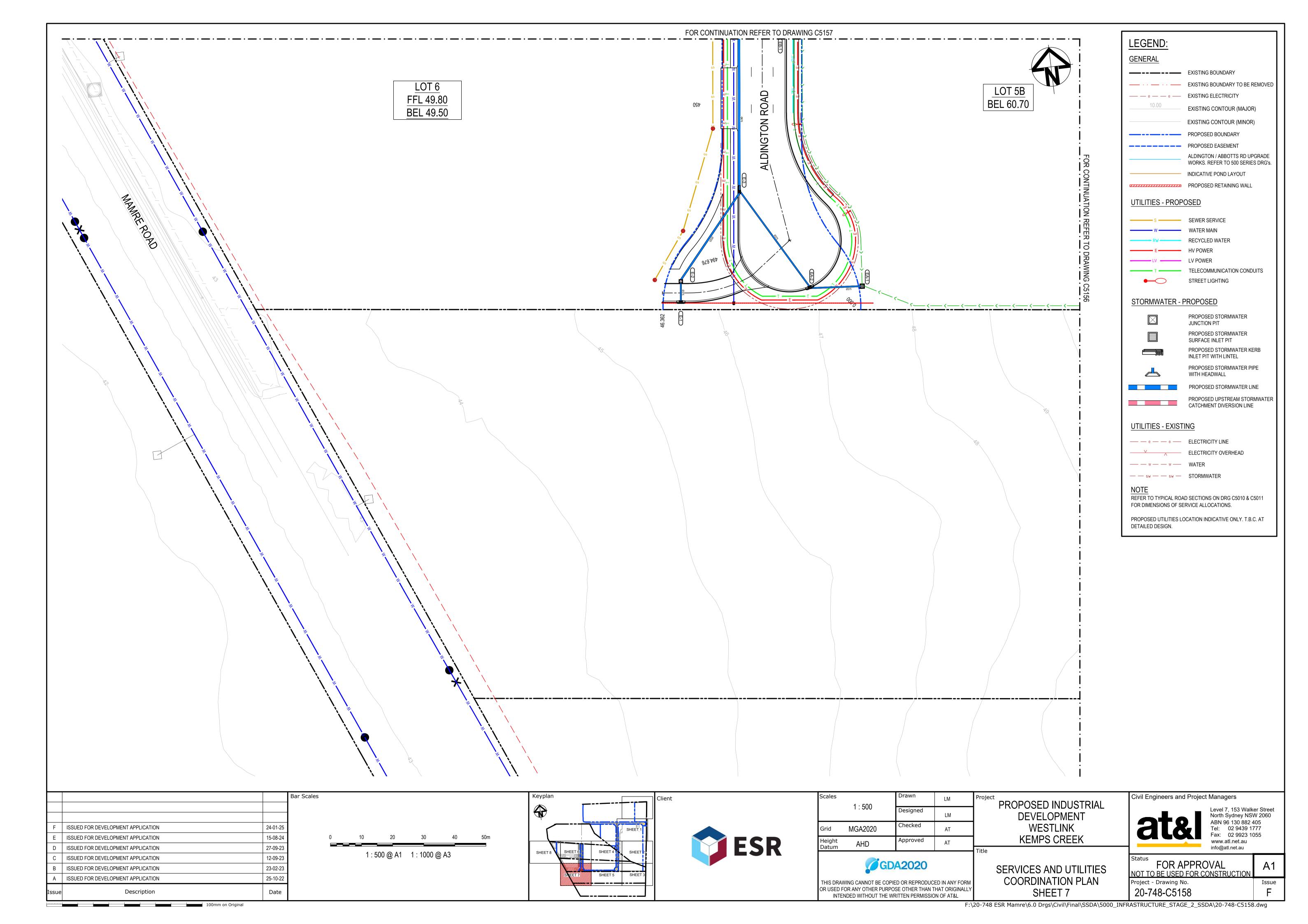


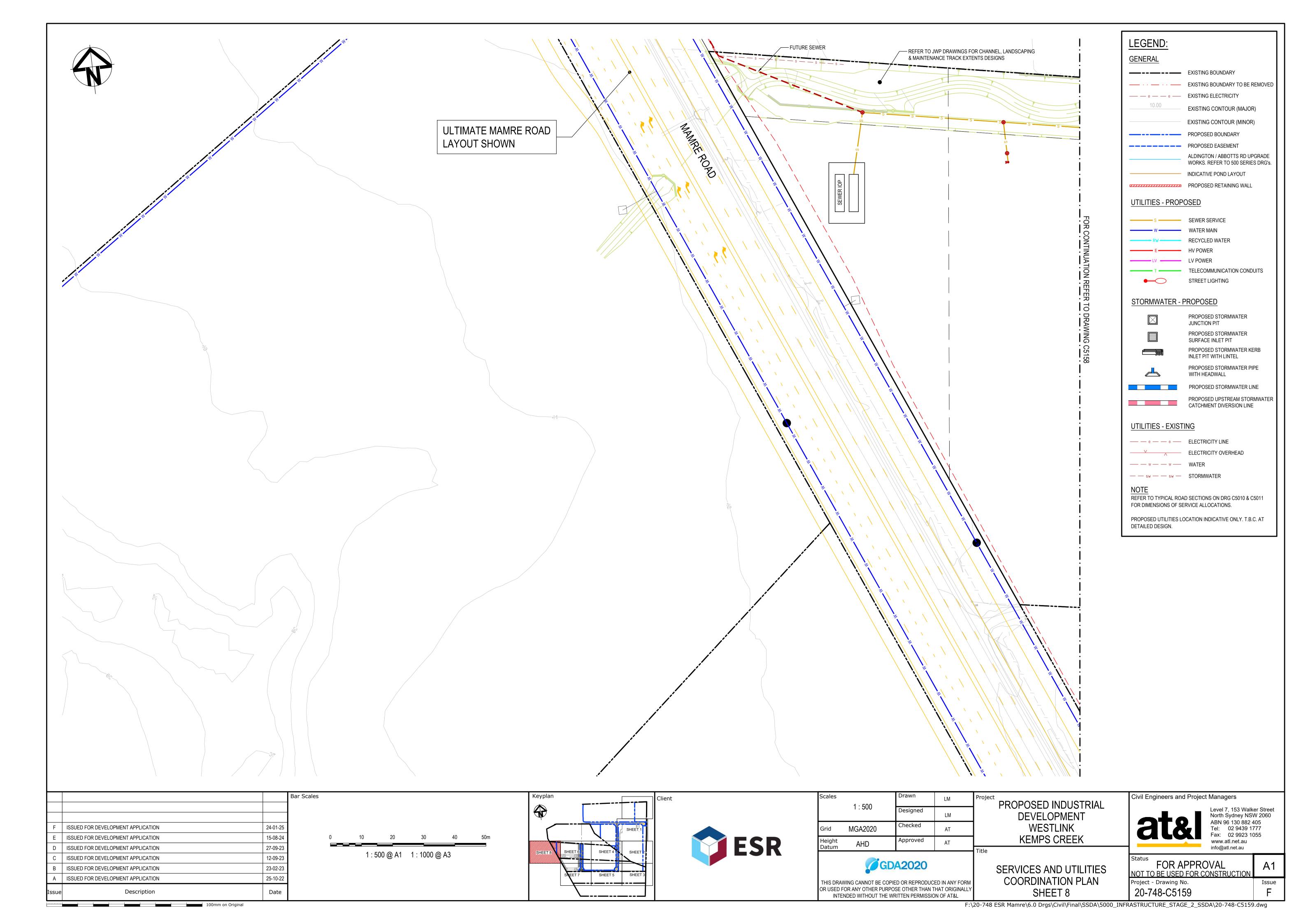


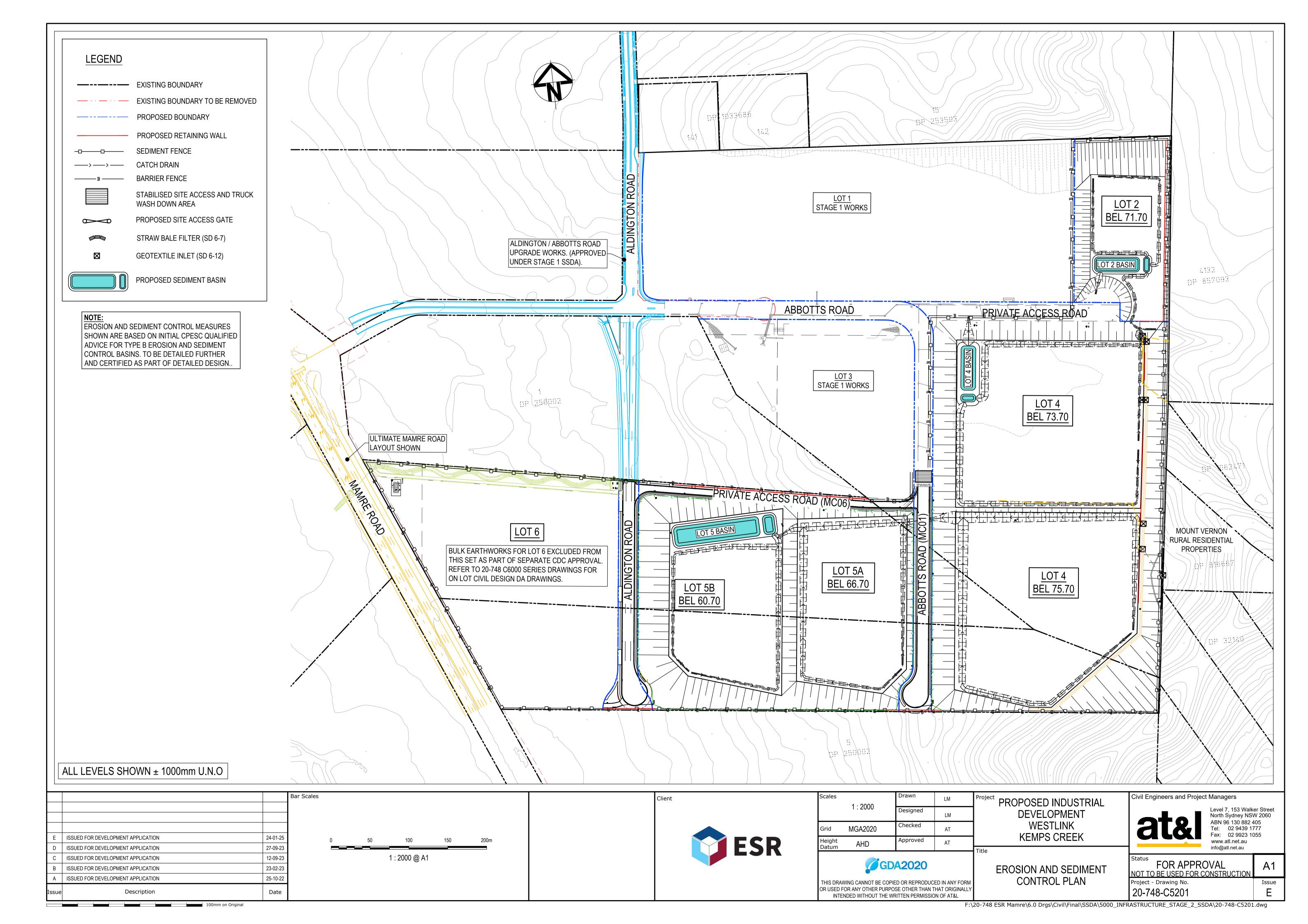


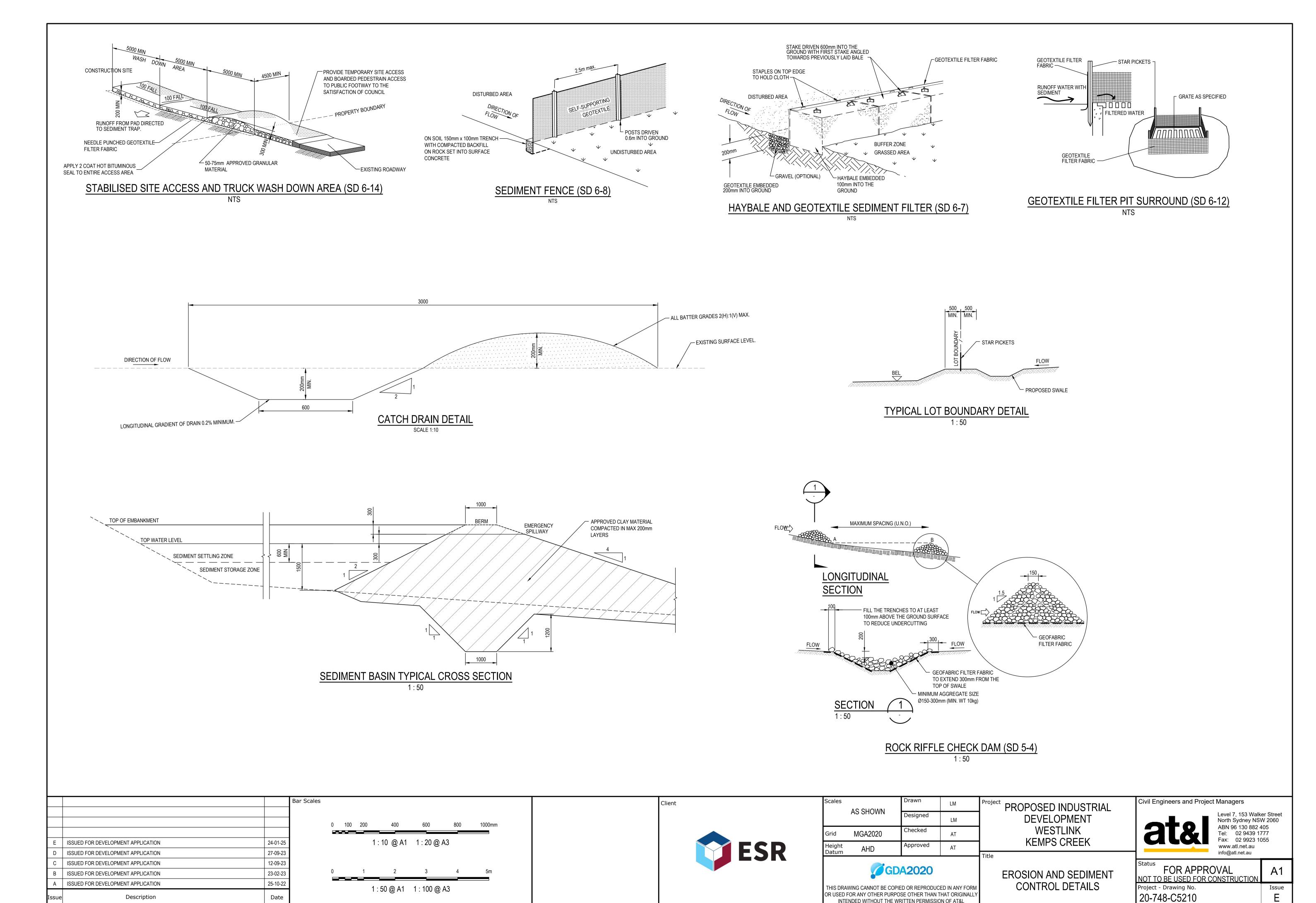






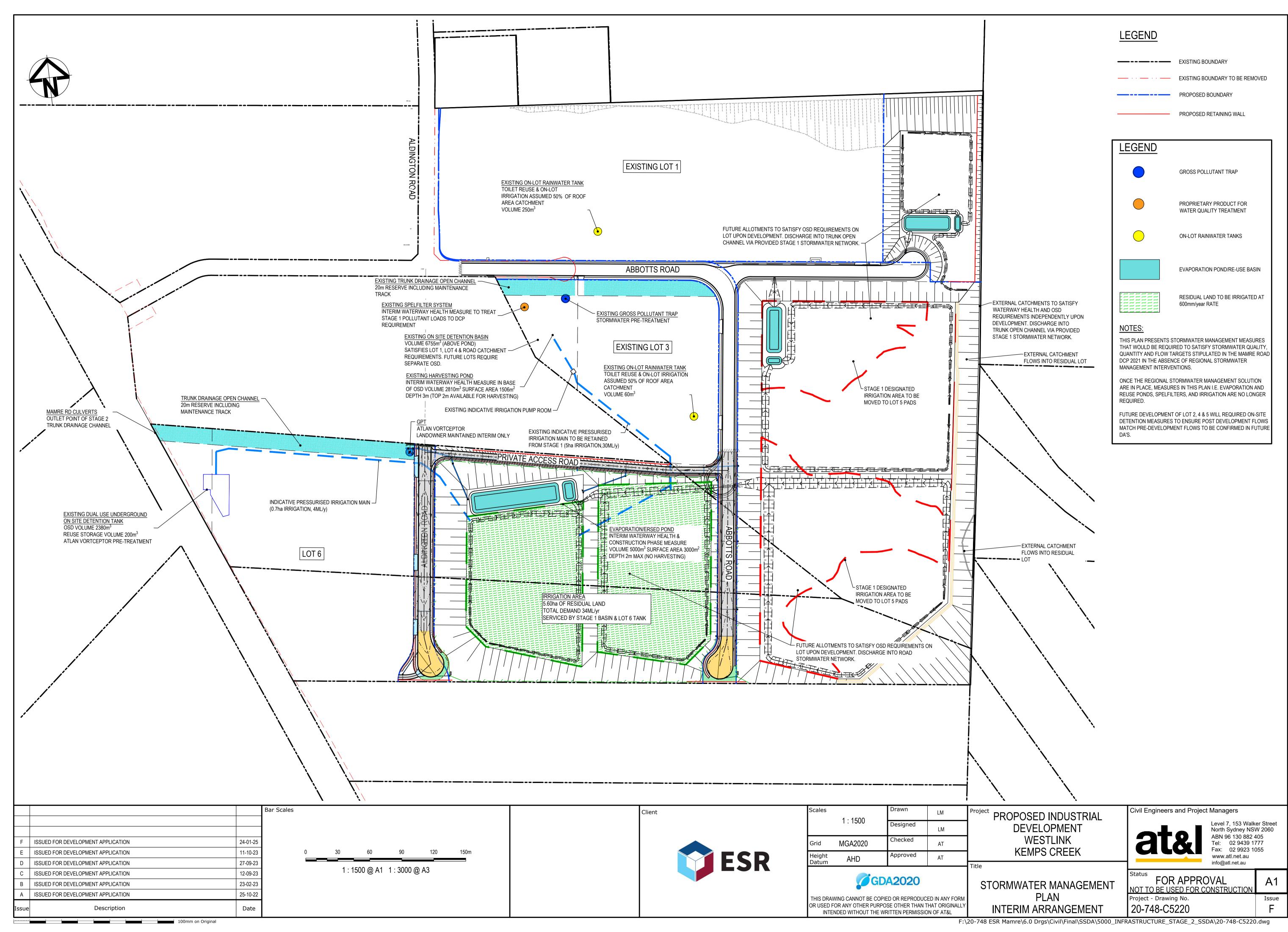




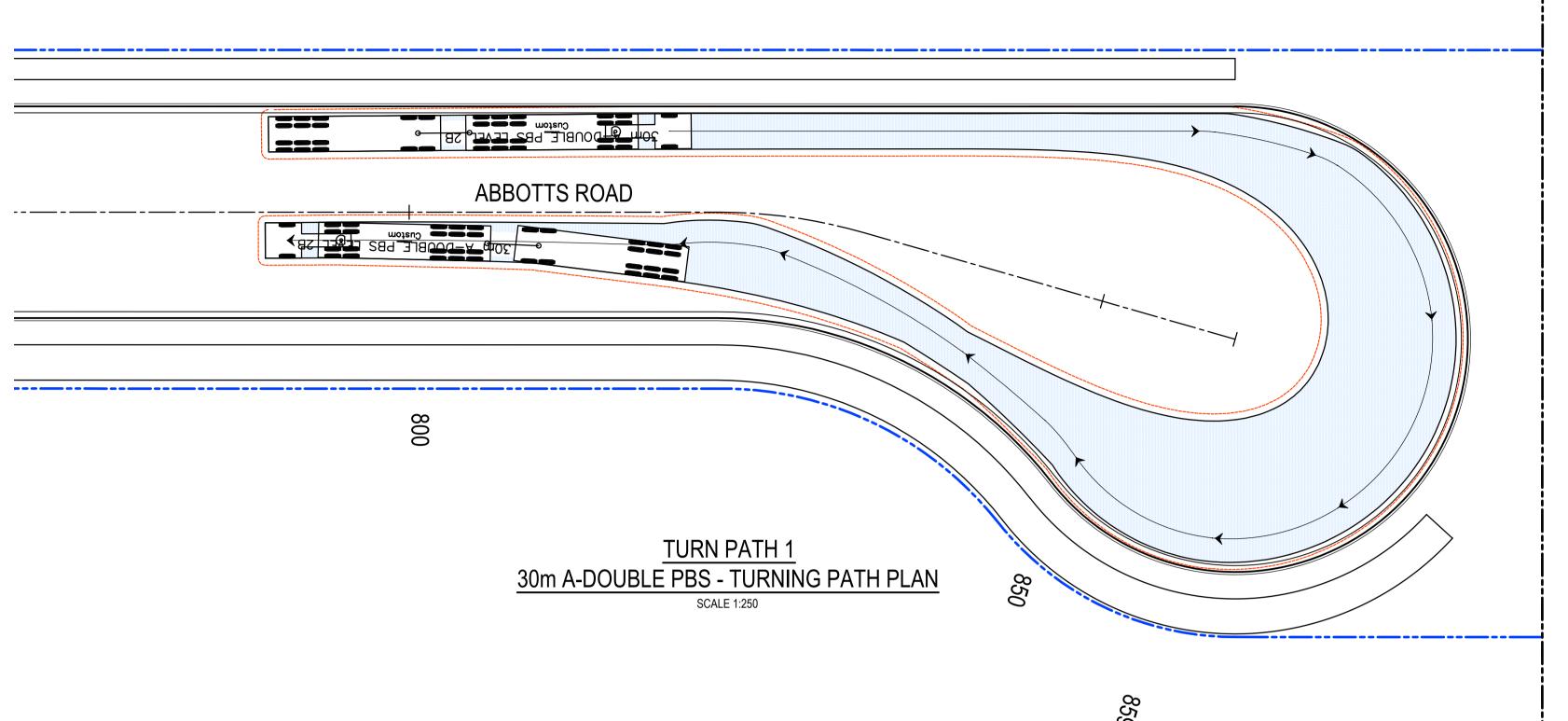


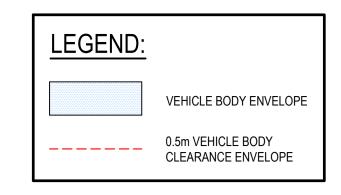
Description

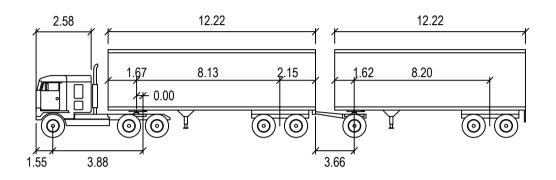
INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L







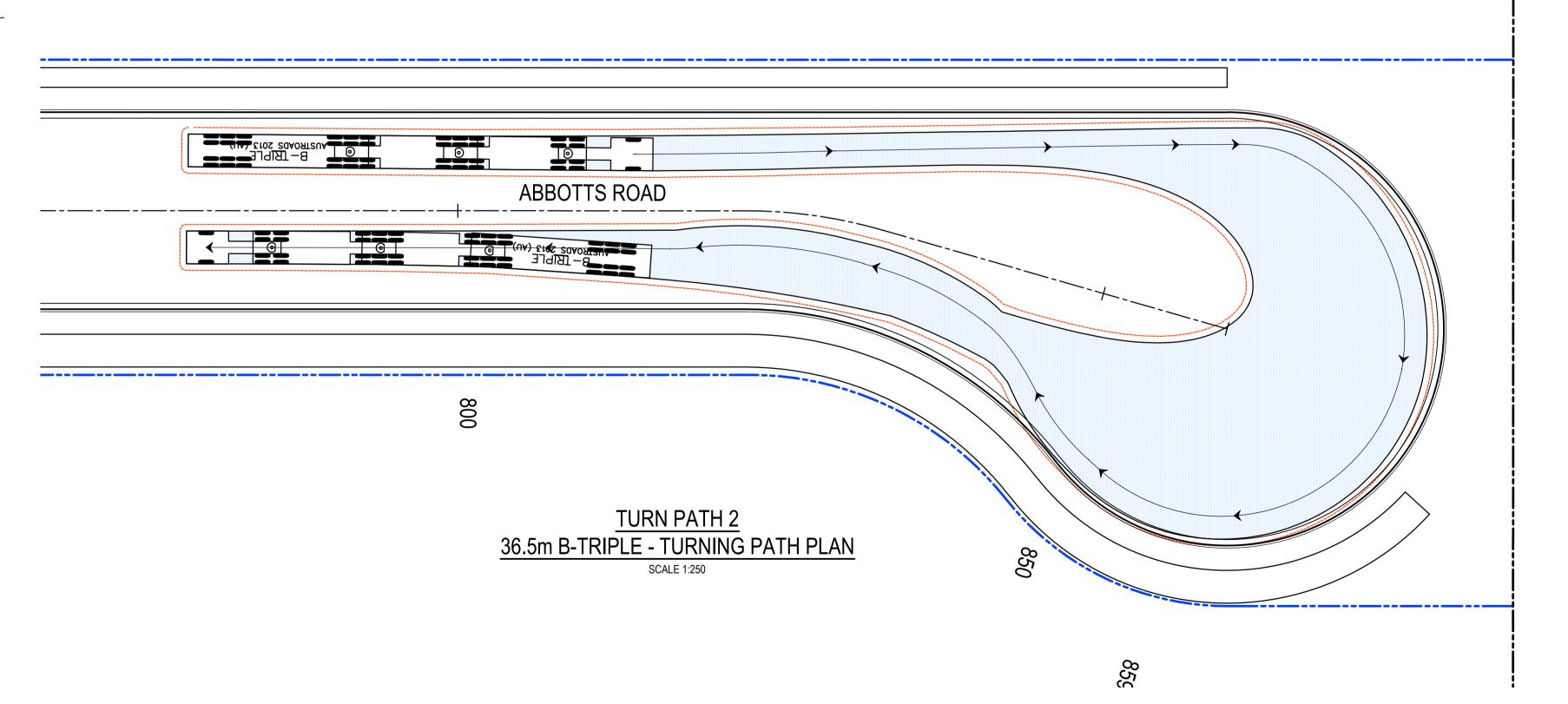


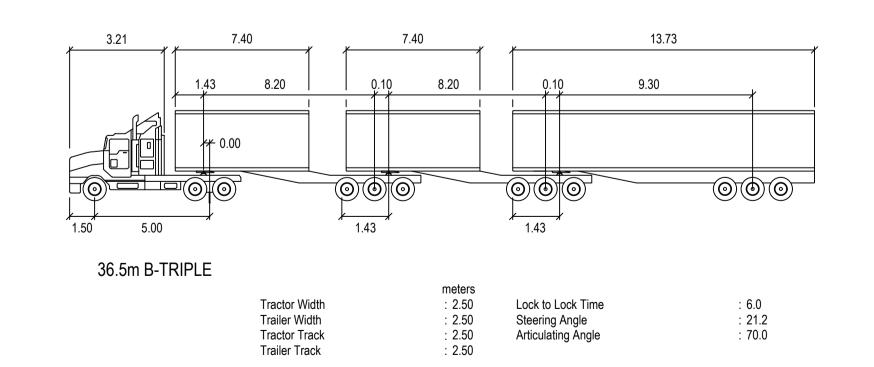


30m A-DOUBLE PBS LEVEL 2B

	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		







Е	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
С	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
В	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
Α	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22

Description

1:250 @ A1 1:500 @ A3

Bar Scales

Date



Client

Scales	1 : 250	Drawn	LM	Pro
	1 . 250	Designed	LM	
Grid	MGA2020	Checked	AT	
Height	ALID	Approved	ΔΤ	

GDA2020

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Project	PROPOSED INDUSTRIA
	DEVELOPMENT
	WESTLINK
	KEMPS CREEK

VEHICLE

TURNING PATH PLAN

Civil Engineers and Project Managers

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

Project - Drawing No. 20-748-C5311

FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION

