

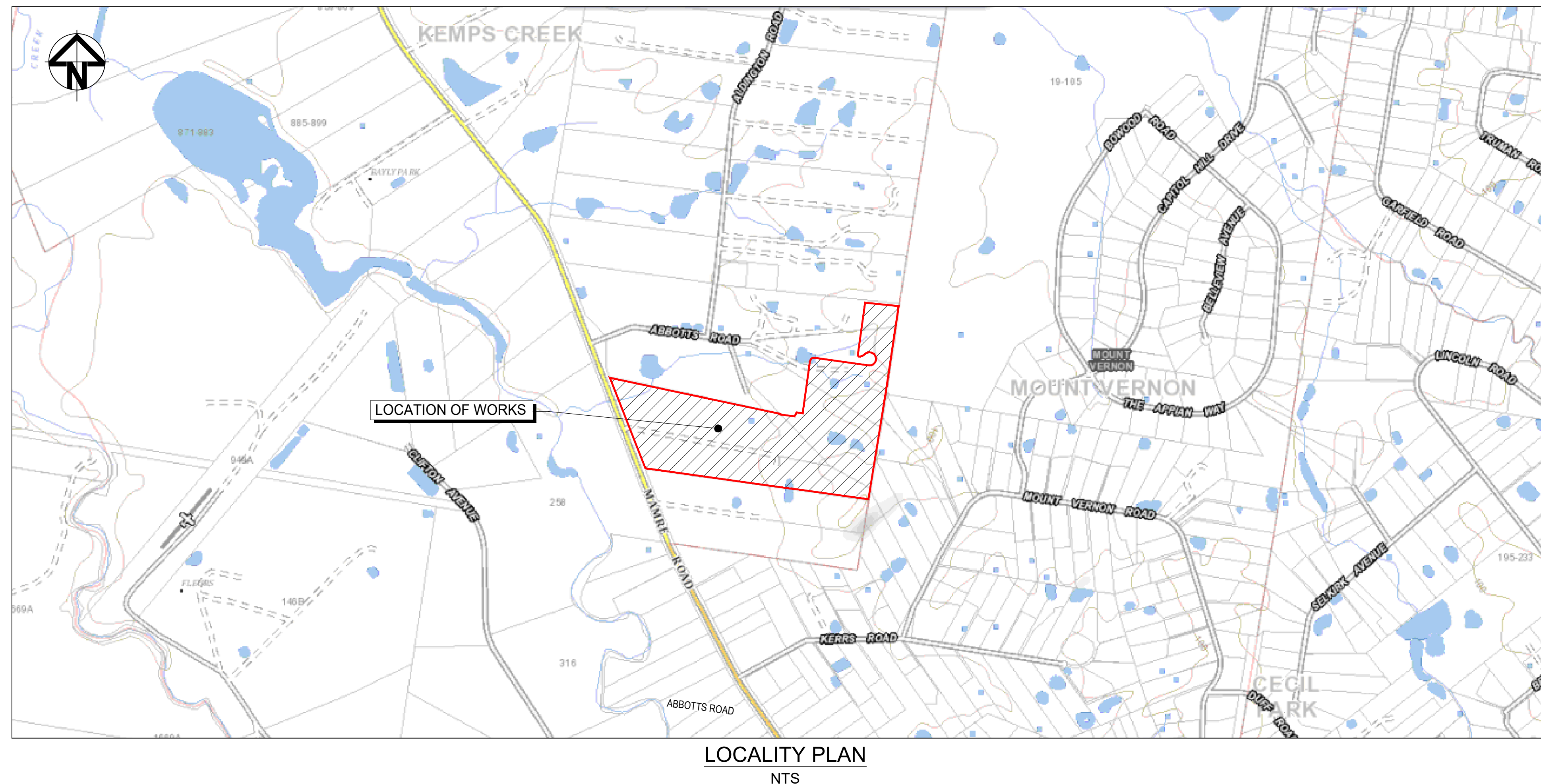
# WESTLINK




# KEMPS CREEK

## CIVIL WORKS PACKAGE - INFRASTRUCTURE WORKS - STAGE 2

## STATE SIGNIFICANT DEVELOPMENT APPLICATION


## RTS-SSD-46983729



			Bar Scales		Client	<div></div>	<div>Scales</div> <div>N.T.S.</div>	<div>Drawn</div> <div>LM</div>	Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	<div>Civil Engineers and Project Managers</div> <div></div> <div>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</div>					
							<div>Grid</div> <div>MGA2020</div>	<div>Checked</div> <div>AT</div>				Title	COVER SHEET	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
							<div>Height Datum</div> <div>AHD</div>	<div>Approved</div> <div>AT</div>								
										<div></div> <div>THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&amp;L</div>						
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25														
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23														
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23														
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23														
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22														
Issue	Description	Date														

DRAWING LIST	
DRAWING No.	DRAWING TITLE
20-748-C5000	COVER SHEET
20-748-C5001	DRAWING LIST
20-748-C5002	GENERAL NOTES
20-748-C5005	GENERAL ARRANGEMENT PLAN
20-748-C5010	TYPICAL ROAD SECTIONS SHEET 1
20-748-C5011	TYPICAL ROAD SECTIONS SHEET 2
20-748-C5012	TYPICAL SITE SECTIONS SHEET 1
20-748-C5013	TYPICAL SITE SECTIONS SHEET 2
20-748-C5014	TYPICAL SITE SECTIONS SHEET 3
20-748-C5016	TYPICAL DETAILS SHEET 1
20-748-C5020	BOUNDARY INTERFACE PLAN
20-748-C5021	BOUNDARY INTERFACE SECTIONS SHEET 1
20-748-C5022	BOUNDARY INTERFACE SECTIONS SHEET 2
20-748-C5023	BOUNDARY INTERFACE SECTIONS SHEET 3
20-748-C5024	BOUNDARY INTERFACE SECTIONS SHEET 4
20-748-C5030	BULK EARTHWORKS CONTOUR PLAN
20-748-C5033	BULK EARTHWORKS CUTFILL PLAN
20-748-C5041	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
20-748-C5042	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
20-748-C5043	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 3
20-748-C5044	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
20-748-C5045	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 5
20-748-C5046	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 6
20-748-C5047	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 7
20-748-C5048	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 8
20-748-C5049	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 9
20-748-C5050	ABBOTTS ROAD (MC01) LONGITUDINAL SECTION SHEET 1
20-748-C5051	PRIVATE ACCESS ROAD (MC05) LONGITUDINAL SECTION SHEET 2
20-748-C5052	PRIVATE ACCESS ROAD (MC05) AND ALDINGTON ROAD LONGITUDINAL SECTION SHEET 3
20-748-C5061	STORMWATER DRAINAGE CATCHMENT PLAN (PRE-DEVELOPED)
20-748-C5065	STORMWATER DRAINAGE CATCHMENT PLAN (POST-DEVELOPED)
20-748-C5066	STORMWATER DRAINAGE CATCHMENT PLAN ULTIMATE
20-748-C5071	STORMWATER DRAINAGE DETAILS SHEET 1
20-748-C5072	STORMWATER DRAINAGE DETAILS SHEET 2
20-748-C5073	STORMWATER DRAINAGE DETAILS SHEET 3
20-748-C5074	STORMWATER DRAINAGE DETAILS SHEET 4
20-748-C5080	RETAINING WALL GENERAL ARRANGEMENT PLAN
20-748-C5081	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 1
20-748-C5082	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 2
20-748-C5083	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 3
20-748-C5084	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 4
20-748-C5085	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 5
20-748-C5092	RETAINING WALL PROFILES SHEET 1
20-748-C5093	RETAINING WALL PROFILES SHEET 2
20-748-C5094	RETAINING WALL PROFILES SHEET 3
20-748-C5152	SERVICES AND UTILITIES COORDINATION PLAN SHEET 1

20-748-C5153	SERVICES AND UTILITIES COORDINATION PLAN SHEET 2
20-748-C5154	SERVICES AND UTILITIES COORDINATION PLAN SHEET 3
20-748-C5155	SERVICES AND UTILITIES COORDINATION PLAN SHEET 4
20-748-C5156	SERVICES AND UTILITIES COORDINATION PLAN SHEET 5
20-748-C5157	SERVICES AND UTILITIES COORDINATION PLAN SHEET 6
20-748-C5158	SERVICES AND UTILITIES COORDINATION PLAN SHEET 7
20-748-C5159	SERVICES AND UTILITIES COORDINATION PLAN SHEET 8
20-748-C5201	EROSION AND SEDIMENT CONTROL PLAN
20-748-C5210	EROSION AND SEDIMENT CONTROL DETAILS
20-748-C5220	STORMWATER MANAGEMENT PLAN INTERIM ARRANGEMENT
20-748-C5311	VEHICLE TURNING PATH PLAN SHEET 1
20-748-C5312	VEHICLE TURNING PATH PLAN SHEET 2
20-748-C5313	VEHICLE TURNING PATH PLAN SHEET 3
20-748-C5314	VEHICLE TURNING PATH PLAN SHEET 4
20-748-C5320	FUTURE ROUNDABOUT PLAN
20-748-C5321	FUTURE ROUNDABOUT TURNING PATH PLAN SHEET 1
20-748-C5322	FUTURE ROUNDABOUT TURNING PATH PLAN SHEET 2

			Bar Scales		Client		<div>Scales</div> <div>N.T.S.</div> <div>GridMGA2020</div> <div>Height DatumAHD</div>	<div>Drawn</div> <div>DesignedLM</div> <div>CheckedAT</div> <div>ApprovedAT</div>	Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers										
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										Project - Drawing No.			20-748-C5001								
										Issue			F								

100mm on Original



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.

NOTES  
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.

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.

2. CONCRETE QUALITY  
ALL REQUIREMENTS OF THE CURRENT ACSE CONCRETE SPECIFICATION DOCUMENT 1 SHALL APPLY TO THE FORMWORK, REINFORCEMENT AND CONCRETE UNLESS NOTED OTHERWISE.

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

- CEMENT TYPE SHALL BE (ACSE SPECIFICATION) TYPE SL
- PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 1379.
- NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING BY A L
- CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL EDGES UNLESS NOTED OTHERWISE.
- 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.

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS 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 BASIS FOR CONSTRUCTION DRAWINGS.

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

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 SM333562
4. ORIGIN OF LEVELS ON A.H.D. IS TAKEN FROM PM178274 USING GPS (GNSS) SURVEY METHODS.
5. CONTOUR INTERVAL 0.5 m
6. CONTOURS ARE INDICATIVE ONLY. ONLY SLOPE LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION.
7. NO INVESTIGATION OF UNDERGROUND SERVICES HAS BEEN MADE. SERVICES HAVE BEEN PROTECTED 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. 8/47 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) AND APPROX. 1700° FOR TRUE NORTH
11. TREE SIZES ARE ESTIMATES ONLY
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 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 CONSTRUCTION
15. THE POSITION OF SURVEYED DATA HAS BEEN LOCATED AND IS SHOWN TO TOPOGRAPHIC ACCURACIES. IF CLEARANCES TO BOUNDARIES OR NEAR BY ARE REQUIRED, THE AREAS 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

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 MIN 100mm ANNUAL BASE COURSE 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 ON 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 ALLOWMENT 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.

1. STORMWATER DESIGN CRITERIA:
  - (A) AVERAGE REQUIREMENT INTERVAL:
    - 1-100 YEARS: MAJOR STORM (OVERLAND FLOW) AND PIPED NETWORK
    - 1-10 YEARS: MINOR STORM (PIPE NETWORK)
  - (B) RAINFALL INTENSITIES:
    - TIME OF CONCENTRATION: 6 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. ALL ROAD CROSSINGS TO BE CLASS "4" 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 DOWNPIES 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 BE COMPACTED TO CORRESPOND 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.

1. STRIP VEGETATION AND TOPSOIL FROM EMBANKMENT AREA AND STOCKPILE TOPSOIL FOR LATER USE. CUT BACK AREA TO FIRM GROUND.
2. CONSTRUCT TOPSOIL BATTER 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, 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.
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.

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.

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.

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.

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.

13. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, COLD 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, WHICHEVER 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.

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 A&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).

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

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)

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.

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.



**DIAL 1100**  
**BEFORE YOU DIG**

CONTRACTOR SHALL CALL;  
DIAL BEFORE  
YOU DIG 1100

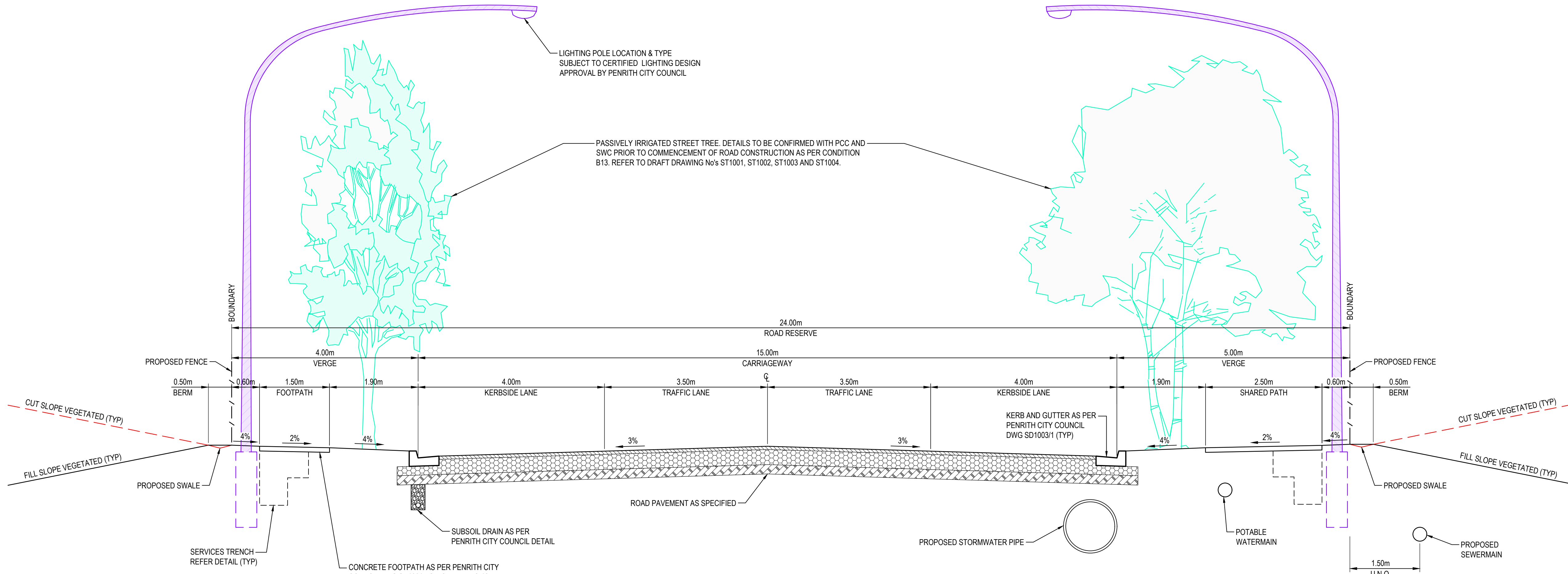
PRIOR TO COMMENCEMENT OF WORK  
TO OBTAIN ALL CURRENT SERVICE  
AUTHORITY PLANS

[illegible]

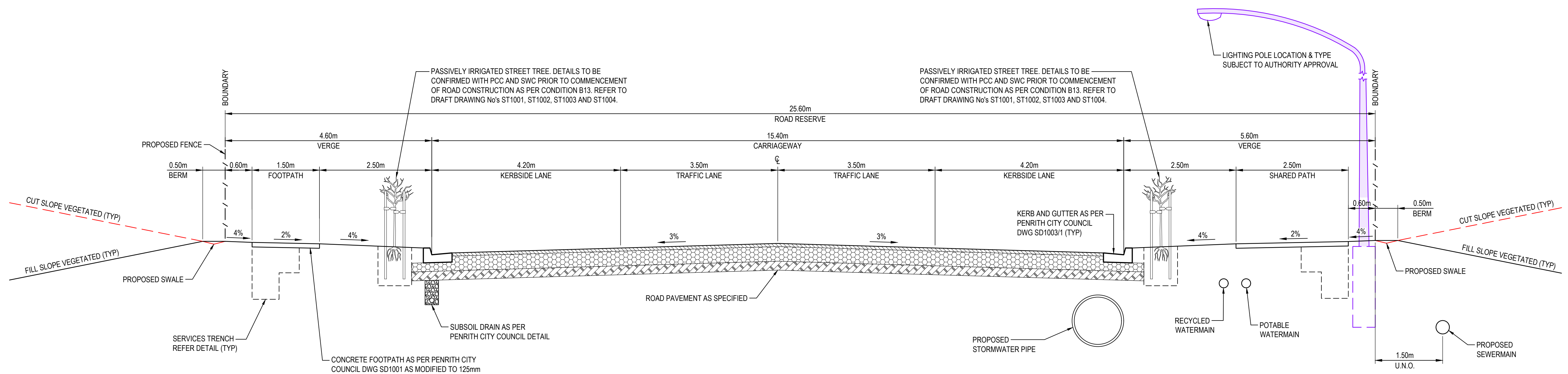








TYPICAL SECTION - ABBOTTS ROAD EXTENSION  
SCALE 1:50



TYPICAL SECTION - ALDINGTON ROAD  
SCALE 1:50

Issue	Description	Date
F	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22

Bar Scales	
1 : 50 @ A1    1 : 100 @ A3	

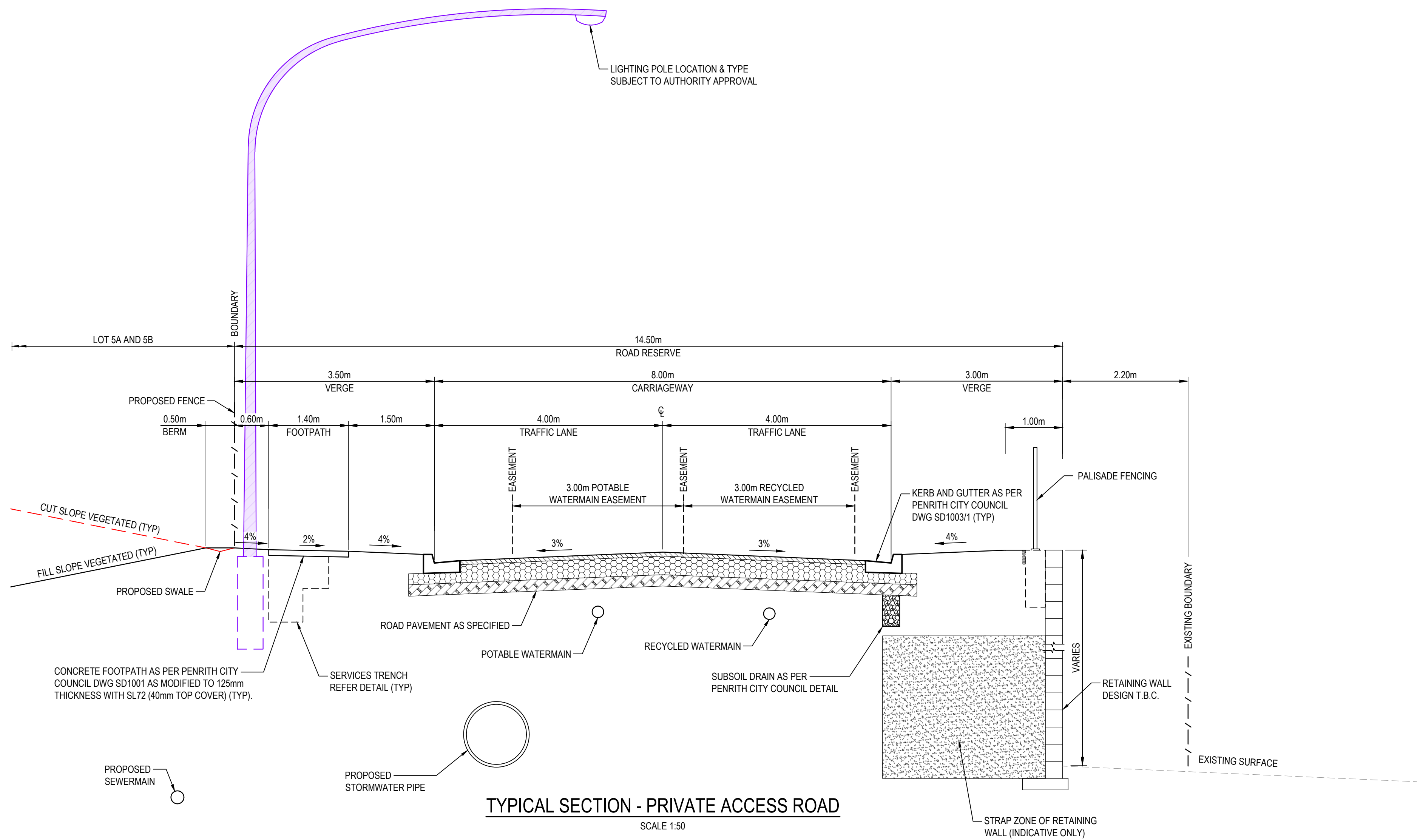
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Client

Scales	1:50
Grid	MGA2020
Height Datum	AHD
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L	

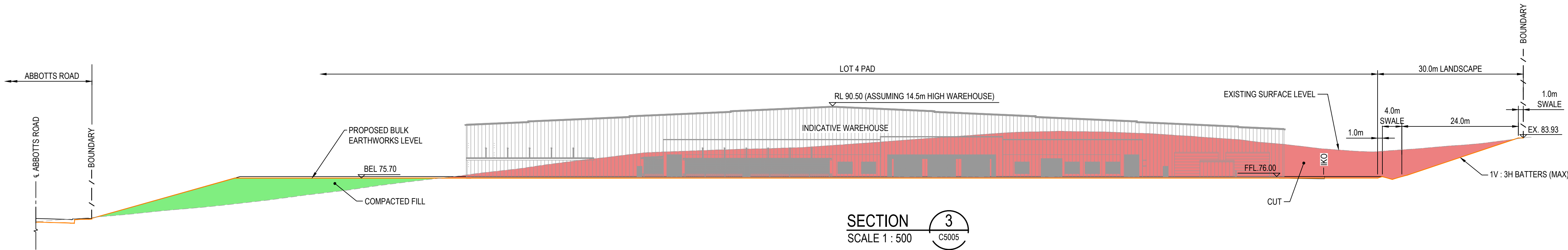
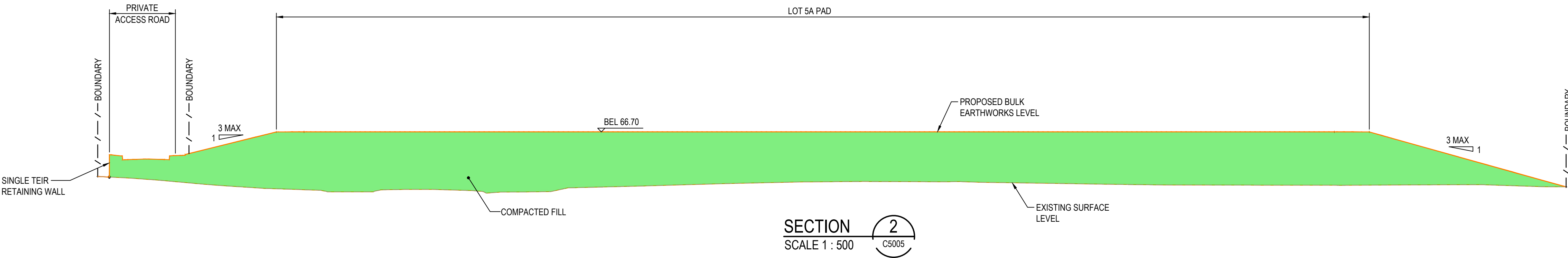
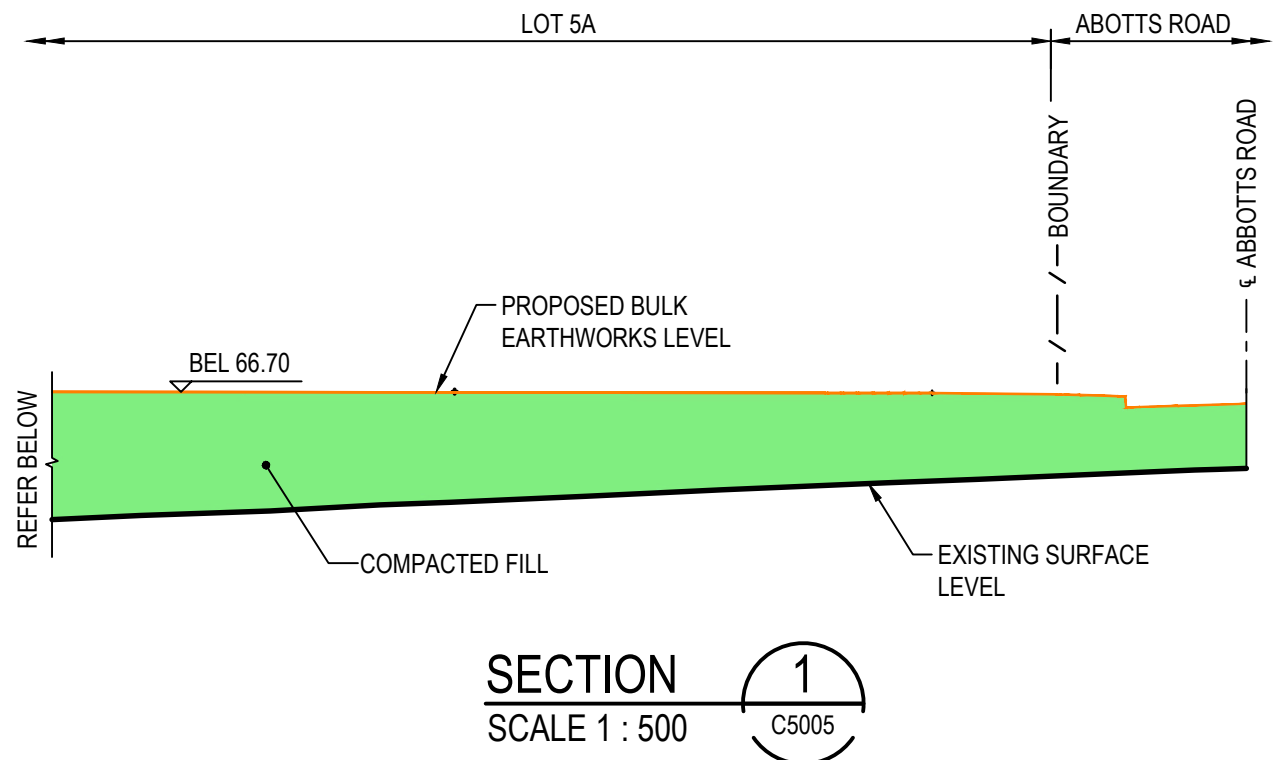
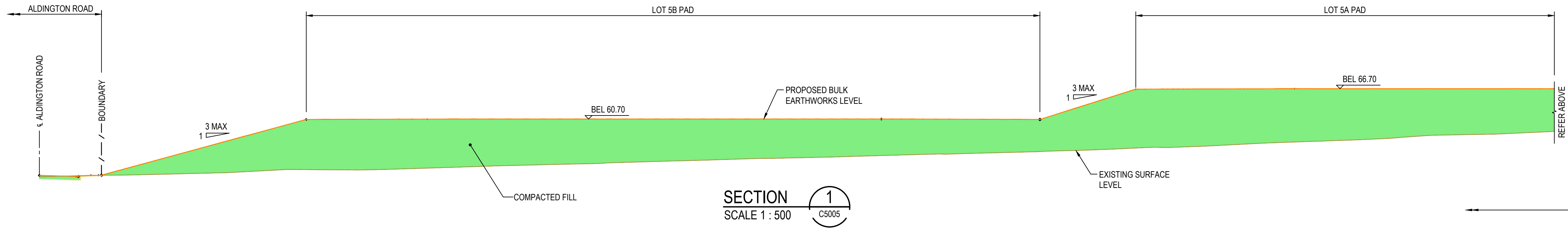
Drawn	LM
Designed	LM
Checked	AT
Approved	AT
Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	TYPICAL ROAD SECTIONS SHEET 1

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	
Status	FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION	
Project - Drawing No.	20-748-C5010
Issue	F
A1	

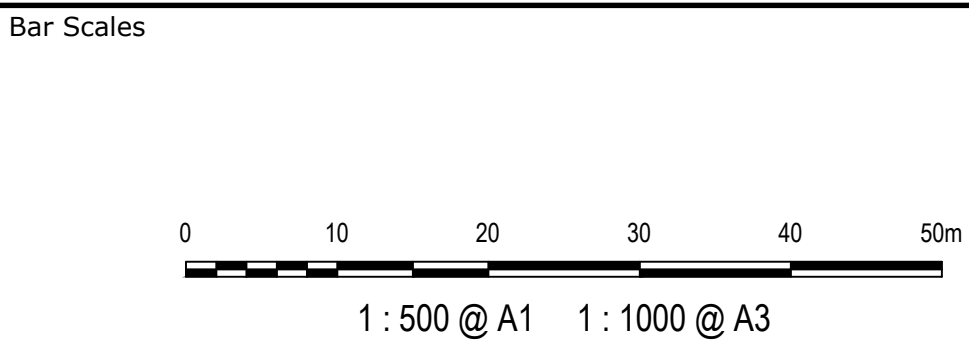


			Bar Scales				Client		Scales 1:50 Grid MGA2020 Height Datum AHD	Drawn LM Designed LM Checked AT Approved AT	Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers									
			 <div>Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au</div>																		
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25									Title TYPICAL ROAD SECTIONS SHEET 2	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1							
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23										Project - Drawing No. 20-748-C5011		Issue E							
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23																			
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23																			
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22																			
Issue	Description	Date																			





Issue	Description	Date
F	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



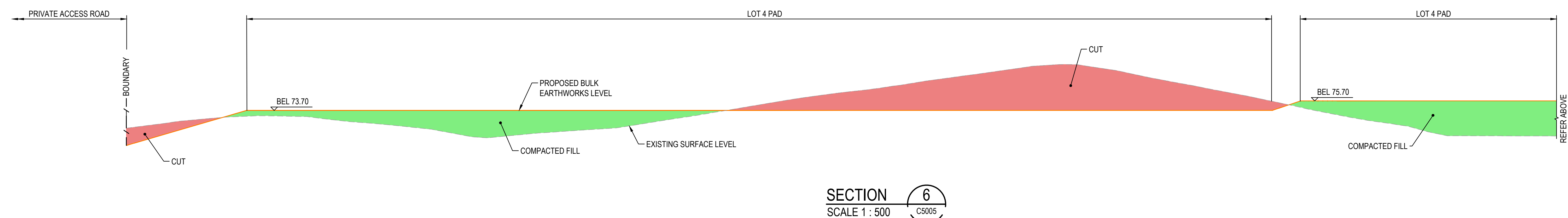
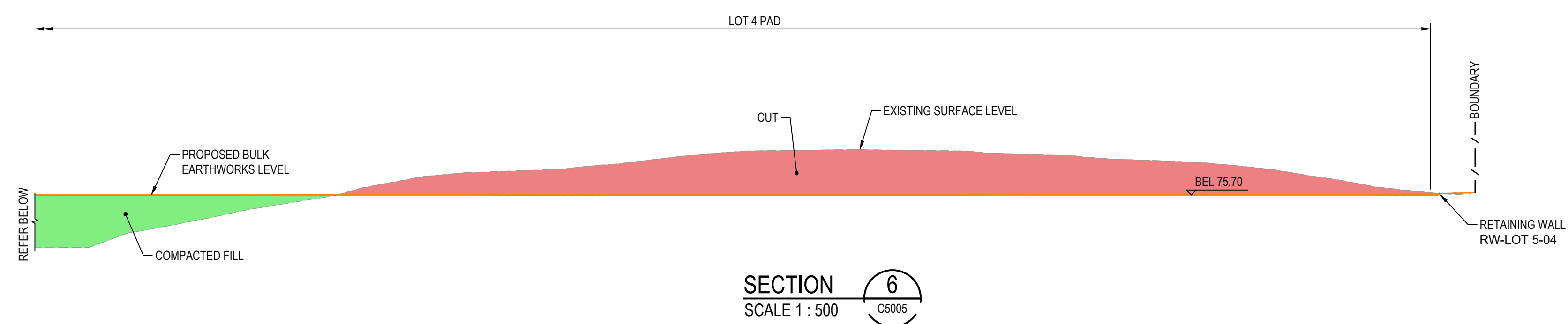
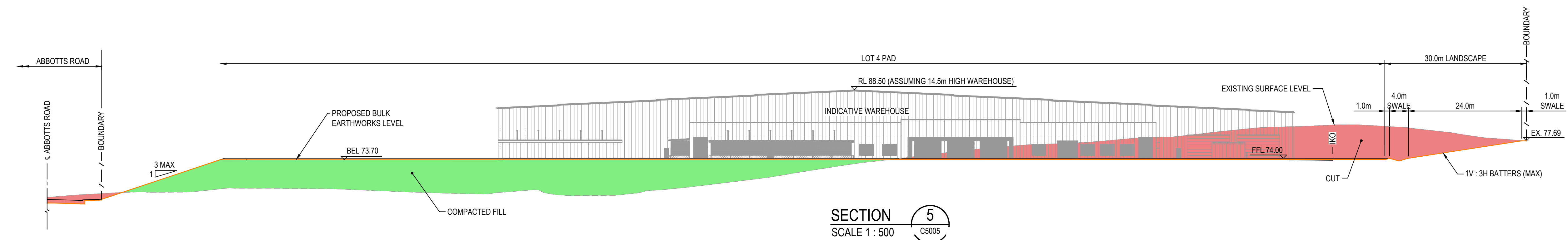
Client



Scales	1:500	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
GDA2020			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

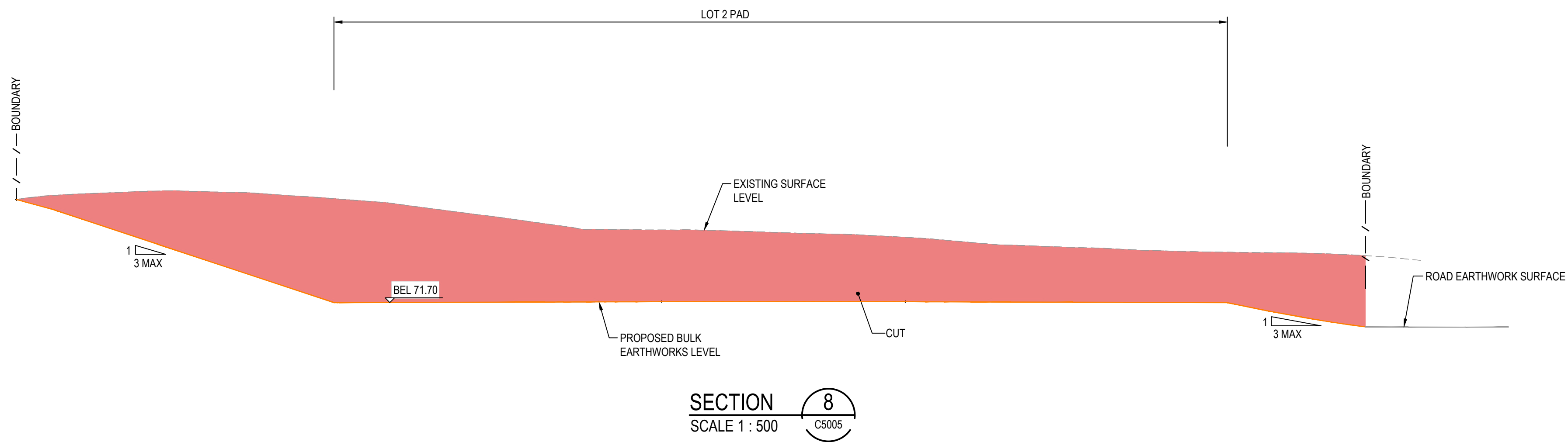
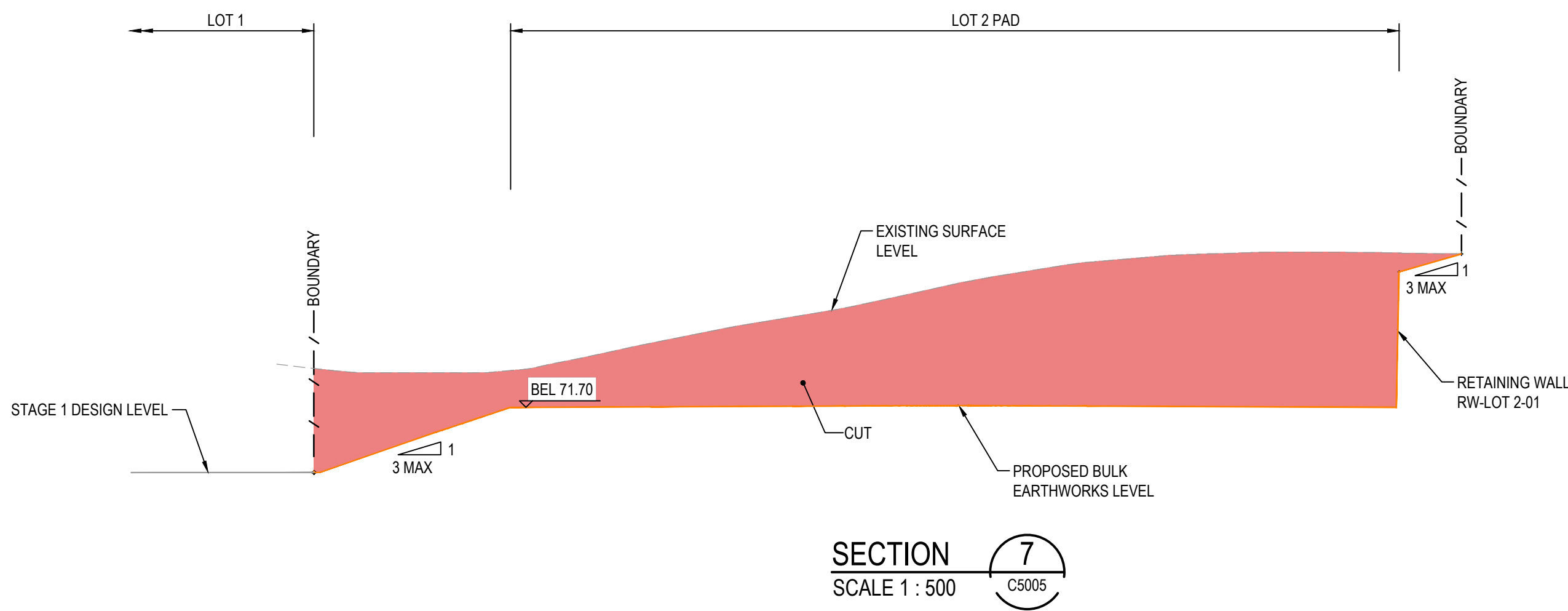
Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	TYPICAL SITE SECTIONS SHEET 1

Civil Engineers and Project Managers	
at&l	
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
Status	FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION	
Project - Drawing No.	A1
20-748-C5012	Issue F

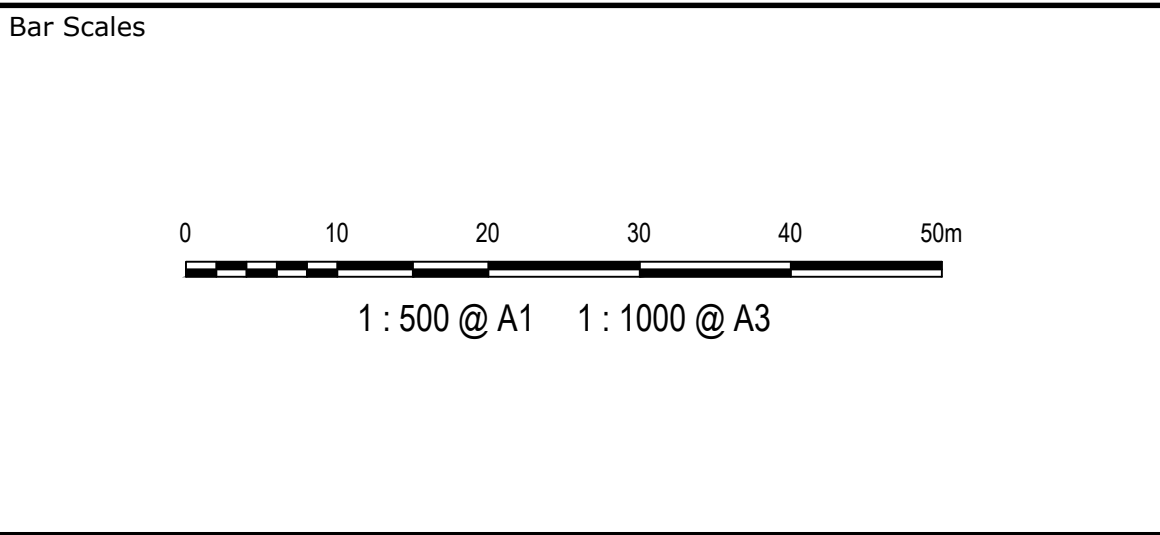
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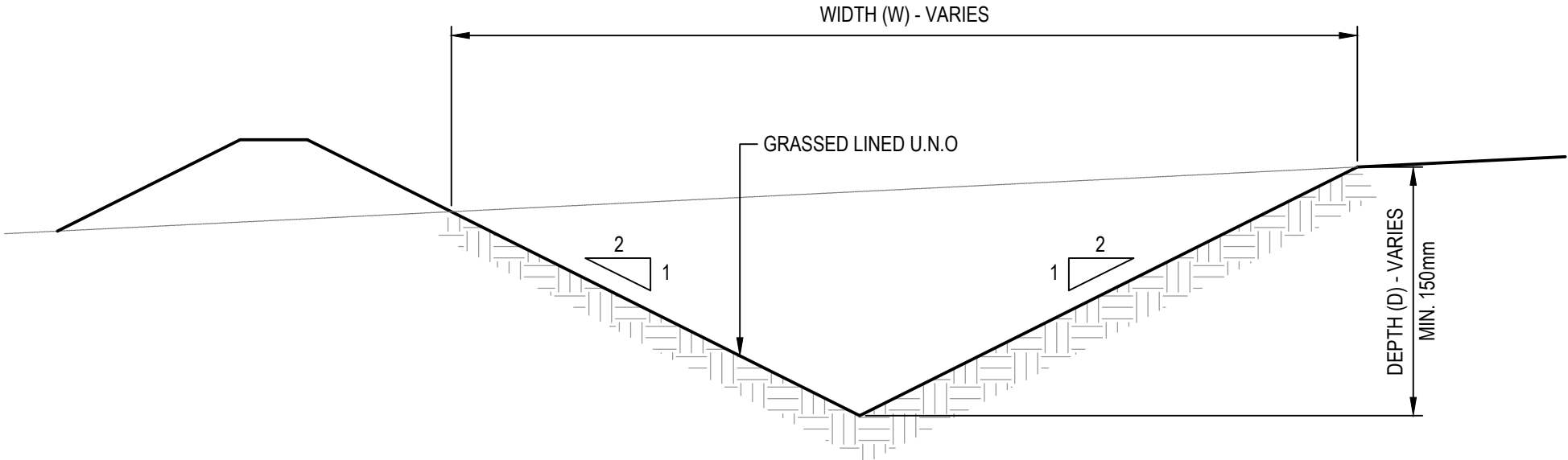
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date



Scales	1:500	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	TYPICAL SITE SECTIONS SHEET 3

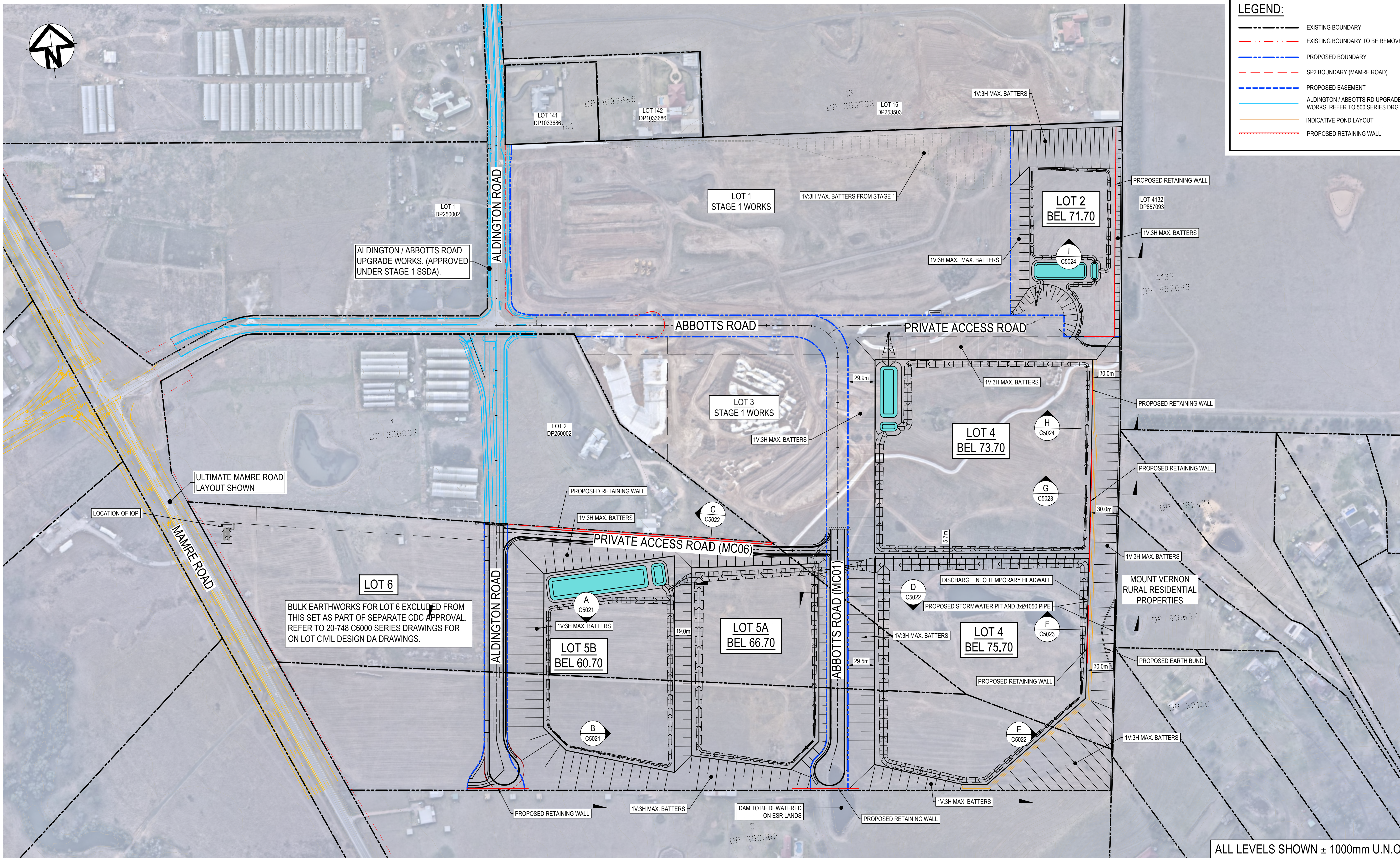
Civil Engineers and Project Managers		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5014	Issue E



CATCH DRAIN DETAIL  
SCALE 1:10

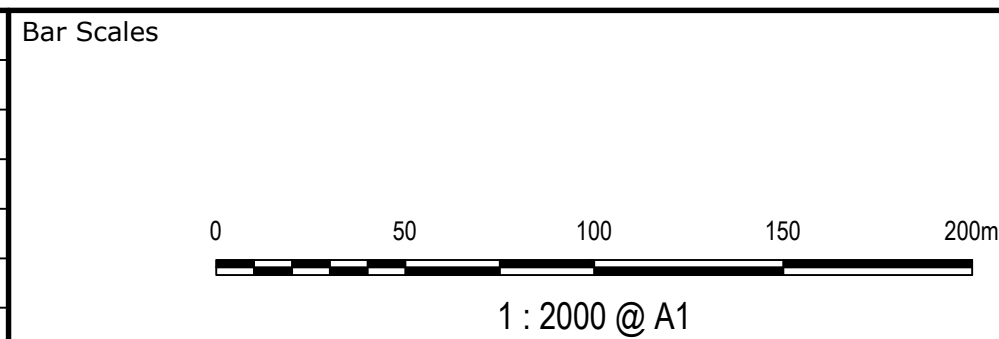
			<div>Bar Scales</div> <div><div><div></div><div>01002004006008001000mm</div></div><div>1 : 10 @ A1    1 : 20 @ A3</div></div>		<div>Client</div> <div><div></div><div>ESR</div></div>	<div>Scales</div> <div>AS SHOWN</div>	<div>Drawn</div> <div>LM</div>	<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>	<div>Civil Engineers and Project Managers</div> <div><div>at&amp;l</div><div>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</div></div>			
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25				<div>Grid</div> <div>MGA2020</div>	<div>Designed</div> <div>LM</div>					
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23				<div>Checked</div> <div>AT</div>	<div>Approved</div> <div>AT</div>					
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23	<div>Issue</div> <div>Description</div> <div>Date</div>			<div>Height Datum</div> <div>AHD</div>		<div>Title</div> <div>TYPICAL DETAILS SHEET 1</div>	<div>Status</div> <div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div> <div>A1</div>			
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23										
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22						<div>Project - Drawing No.</div> <div>20-748-C5016</div>	<div>Issue</div> <div>E</div>			





ALL LEVELS SHOWN ± 1000mm U.N.O

Issue	Description	Date
G	ISSUED FOR DEVELOPMENT APPLICATION	13-01-25
F	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
E	ISSUED FOR DEVELOPMENT APPLICATION	11-10-23
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



Client



Scales  
1 : 2000

Grid  
MGA2020

Height  
Datum  
AHD



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Drawn  
LM

Designed  
LM

Checked  
AT

Approved  
AT

Project  
**PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK**

Title  
**BOUNDARY INTERFACE PLAN**

Civil Engineers and Project Managers

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

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

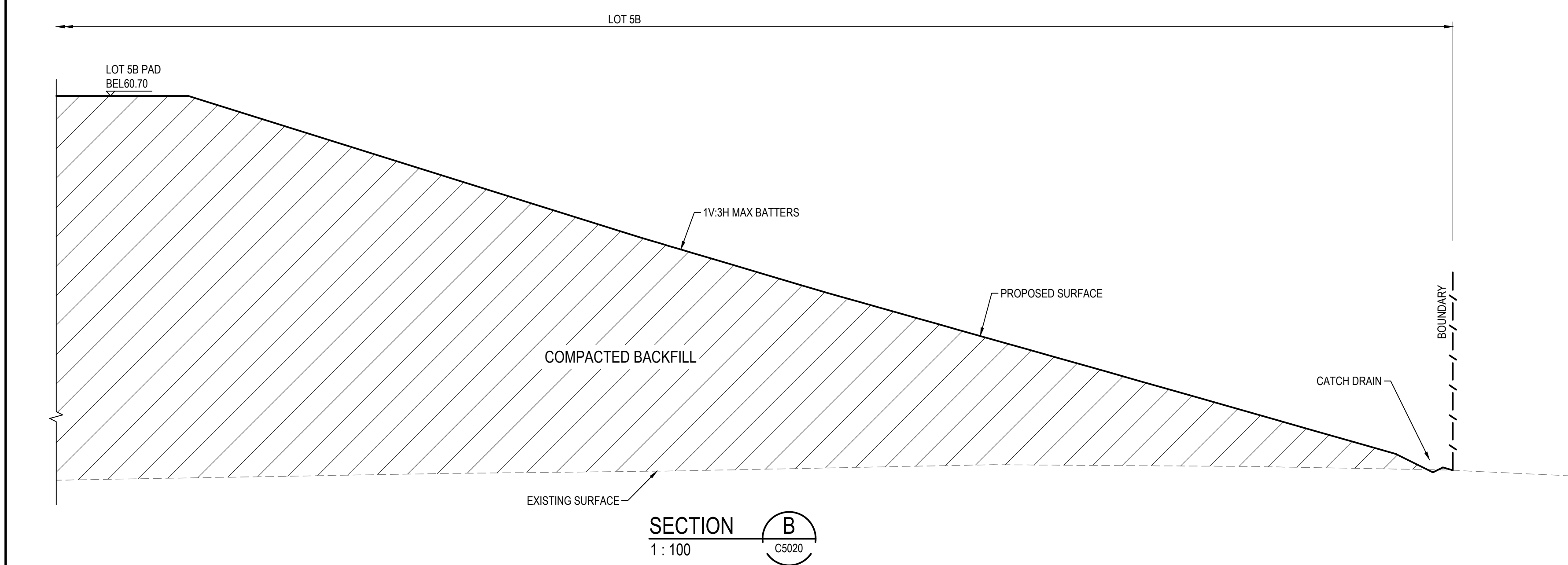
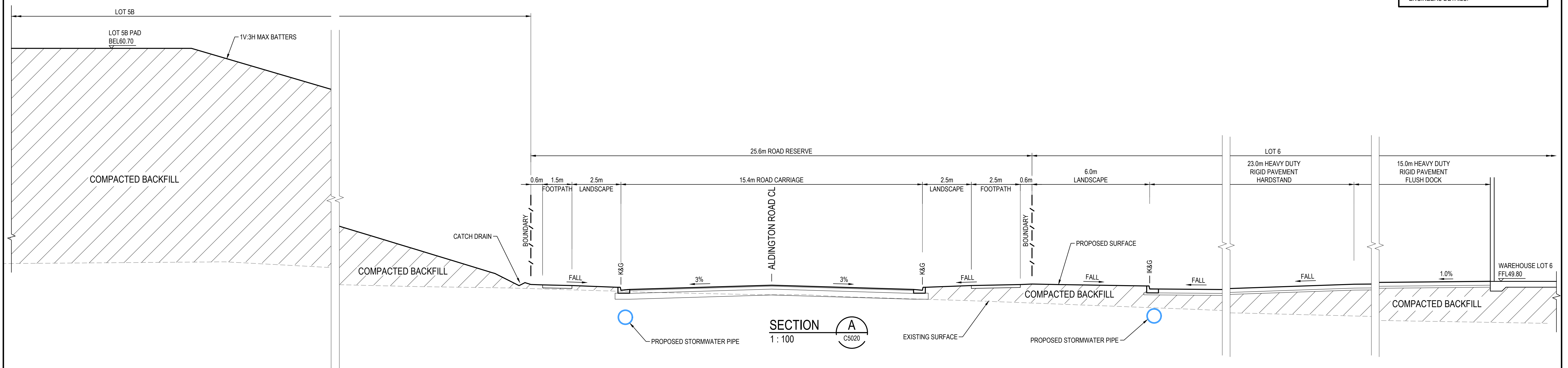
Project - Drawing No.  
**20-748-C5020**

A1

Issue  
G

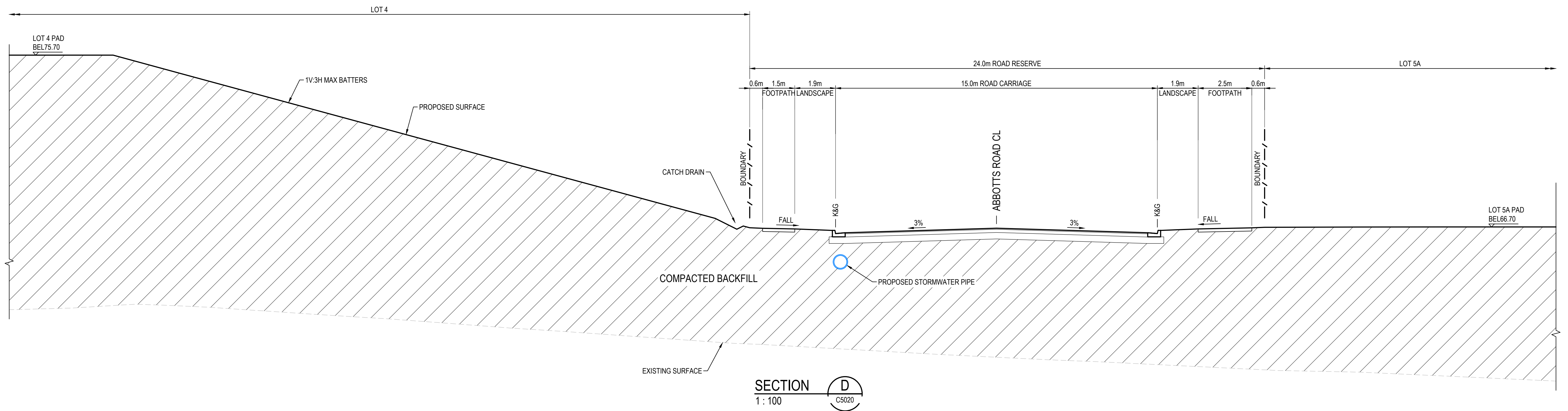
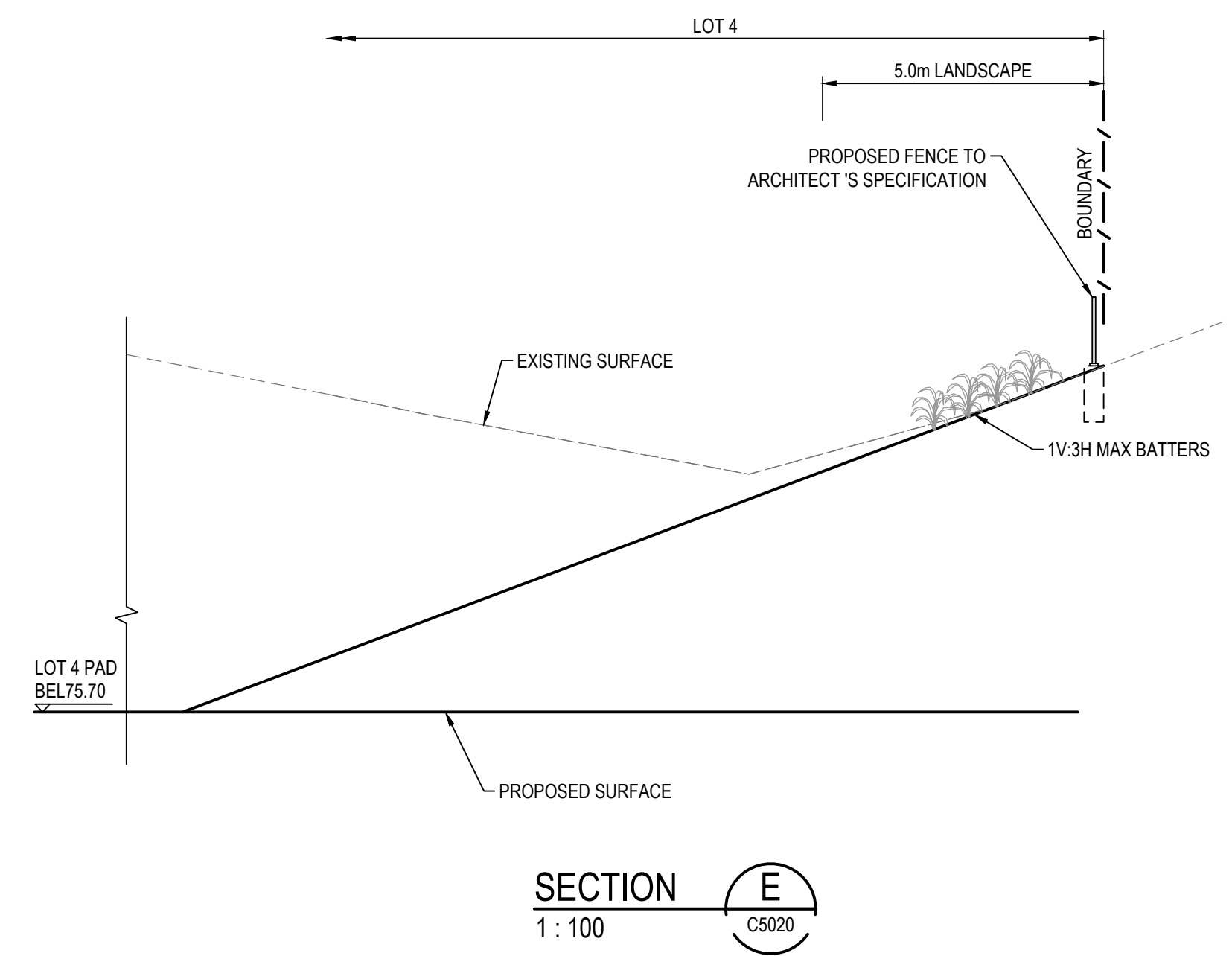
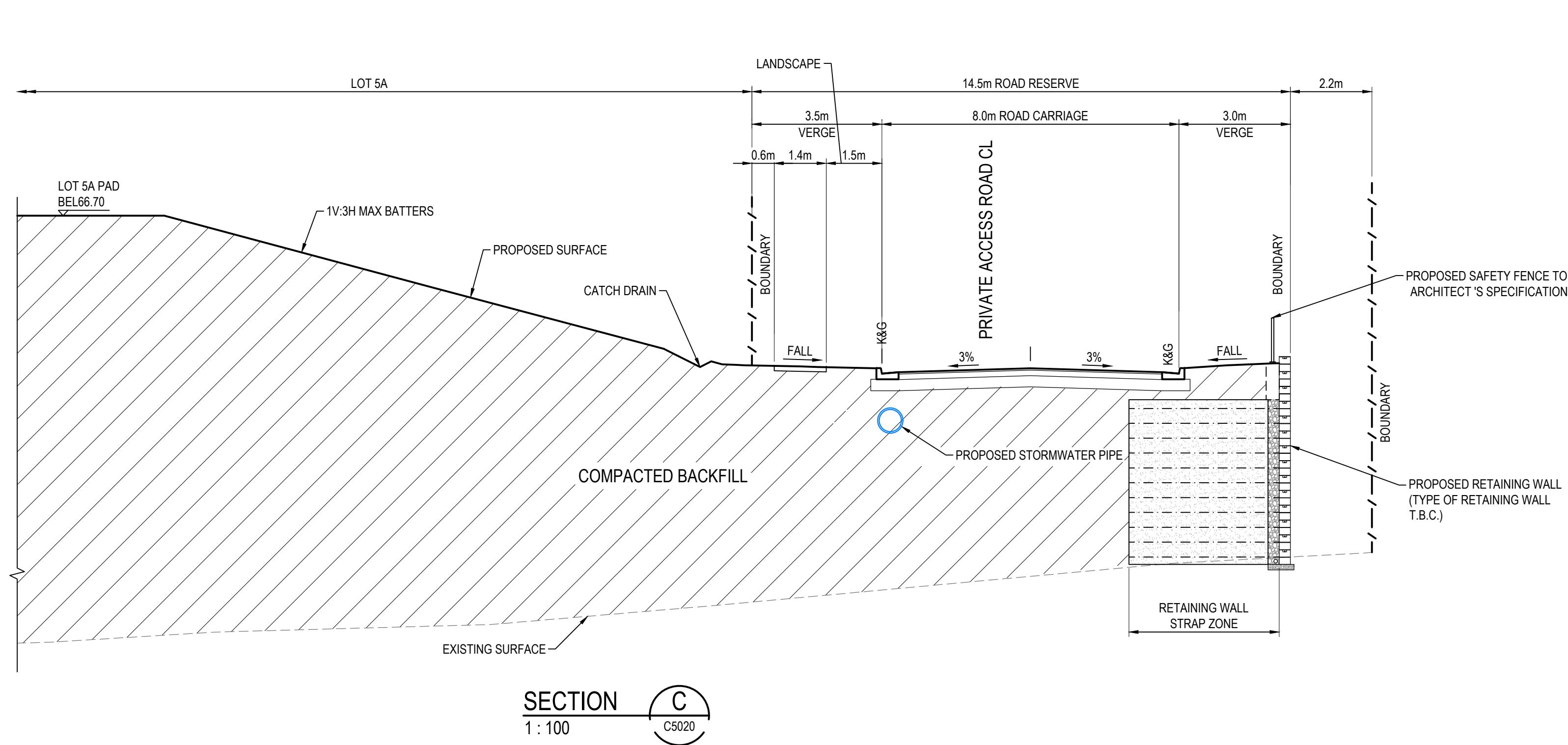


NOTE:  
RETAINING WALL DETAILS ARE INDICATIVE ONLY. FINAL DESIGN SUBJECT TO GEOTECHNICAL, LANDSCAPE AND STRUCTURAL ENGINEERS DETAILS.



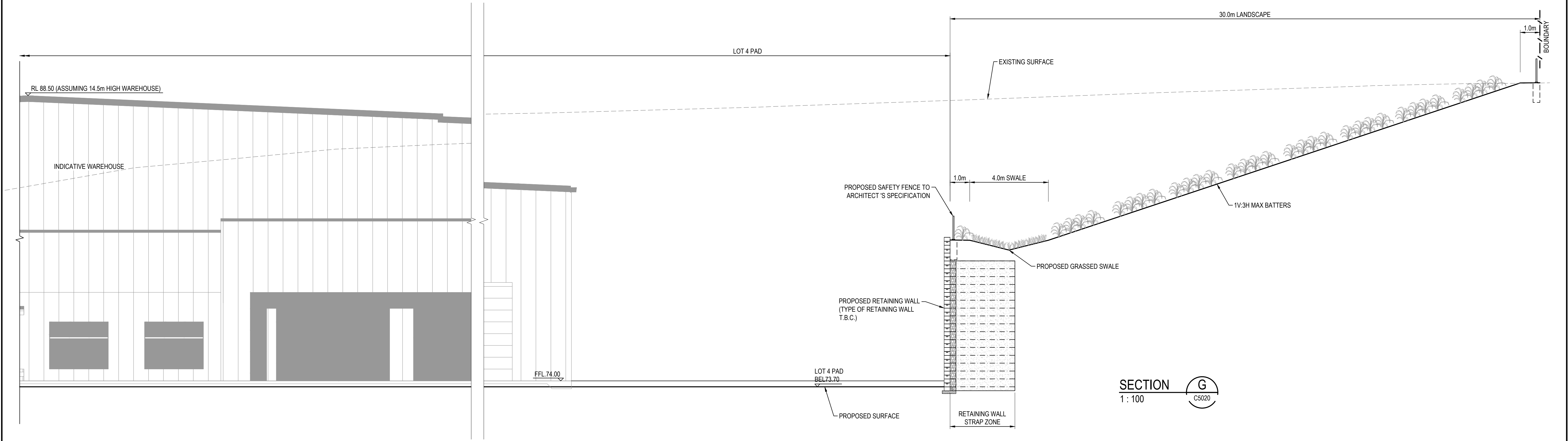
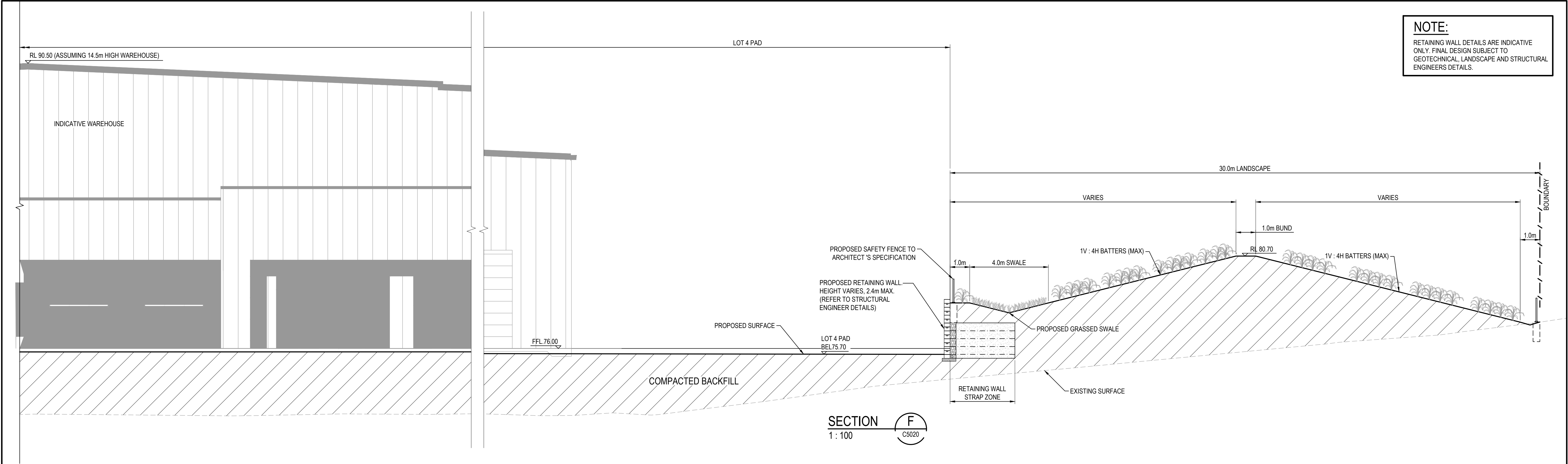
			Bar Scales				Client		Scales 1 : 100 Grid MGA2020 Height Datum AHD  THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L	Drawn LM Designed LM Checked AT Approved AT	Project PROPOSED INDUSTRIAL 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 info@atl.net.au
G	ISSUED FOR DEVELOPMENT APPLICATION	13-01-25										
F	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24										
E	ISSUED FOR DEVELOPMENT APPLICATION	11-10-23										
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23										
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23										
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23										
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22										
Issue	Description	Date										

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

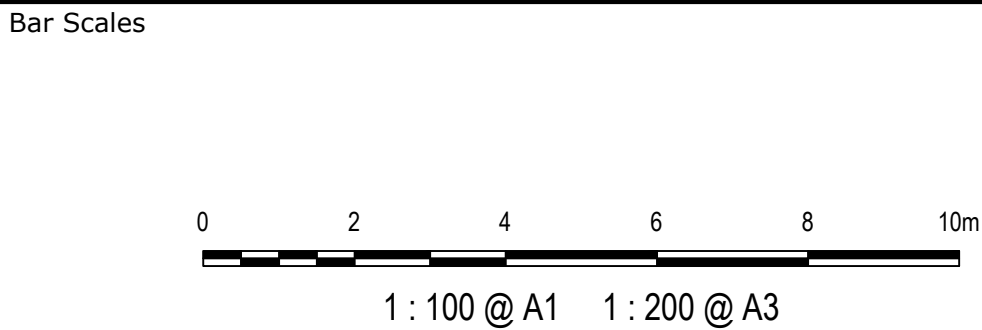


			Bar Scales		Client	Scales	Drawn	LM	Project	Civil Engineers and Project Managers			
						1 : 100	Designed	LM	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK				
F	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25				MGA2020	Checked	AT	Title	Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au			
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24											
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23											
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23											
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23											
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22											
					Client	AHD	Approved	AT	BOUNDARY INTERFACE SECTIONS SHEET 2	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION			
					Client							20-748-C5022	A1
					Client				THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			Issue F	
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Issue	Description	Date
F	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



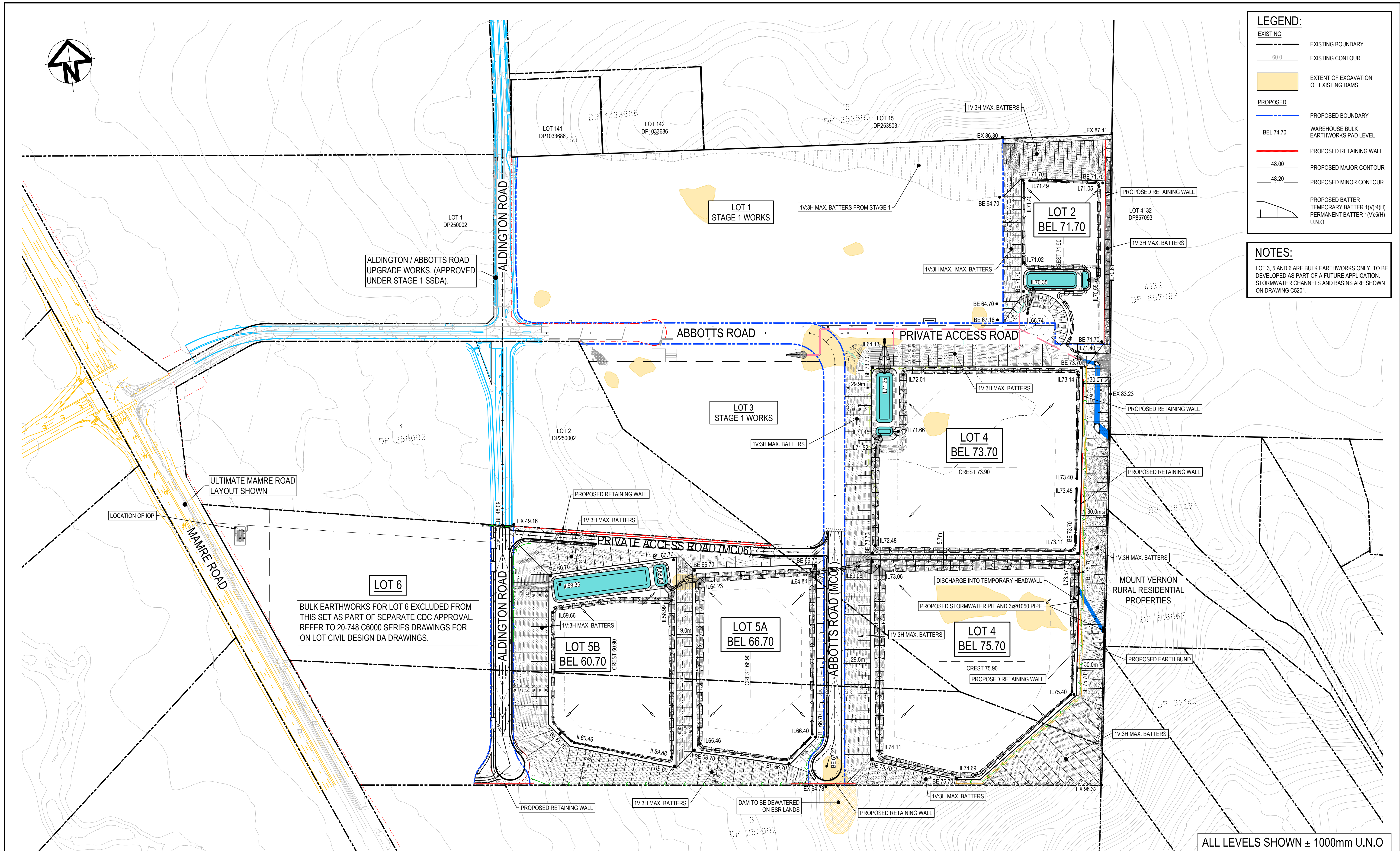
Scales	1 : 100	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	BOUNDARY INTERFACE SECTIONS SHEET 3

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		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5023	Issue F

[illegible]





**LEGEND:**

**EXISTING**

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

**PROPOSED**

- PROPOSED BOUNDARY
- WAREHOUSE BULK EARTHWORKS PAD LEVEL
- PROPOSED RETAINING WALL
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED BATTER  
TEMPORARY BATTER 1(V):4(H)  
PERMANENT BATTER 1(V):5(H)  
U.N.O

**NOTES:**

LOT 3, 5 AND 6 ARE BULK EARTHWORKS ONLY. TO BE DEVELOPED AS PART OF A FUTURE APPLICATION. STORMWATER CHANNELS AND BASINS ARE SHOWN ON DRAWING C5201.

ALL LEVELS SHOWN ± 1000mm U.N.O

Issue	Description	Date
G	ISSUED FOR DEVELOPMENT APPLICATION	13-01-25
F	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
E	ISSUED FOR DEVELOPMENT APPLICATION	11-10-23
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22

Bar Scales

0 50 100 150 200m

1 : 2000 @ A1

Client

Scales

1 : 2000

Grid MGA2020

Height Datum AHD

THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&I

Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

BULK EARTHWORKS CONTOUR 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

Status

FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

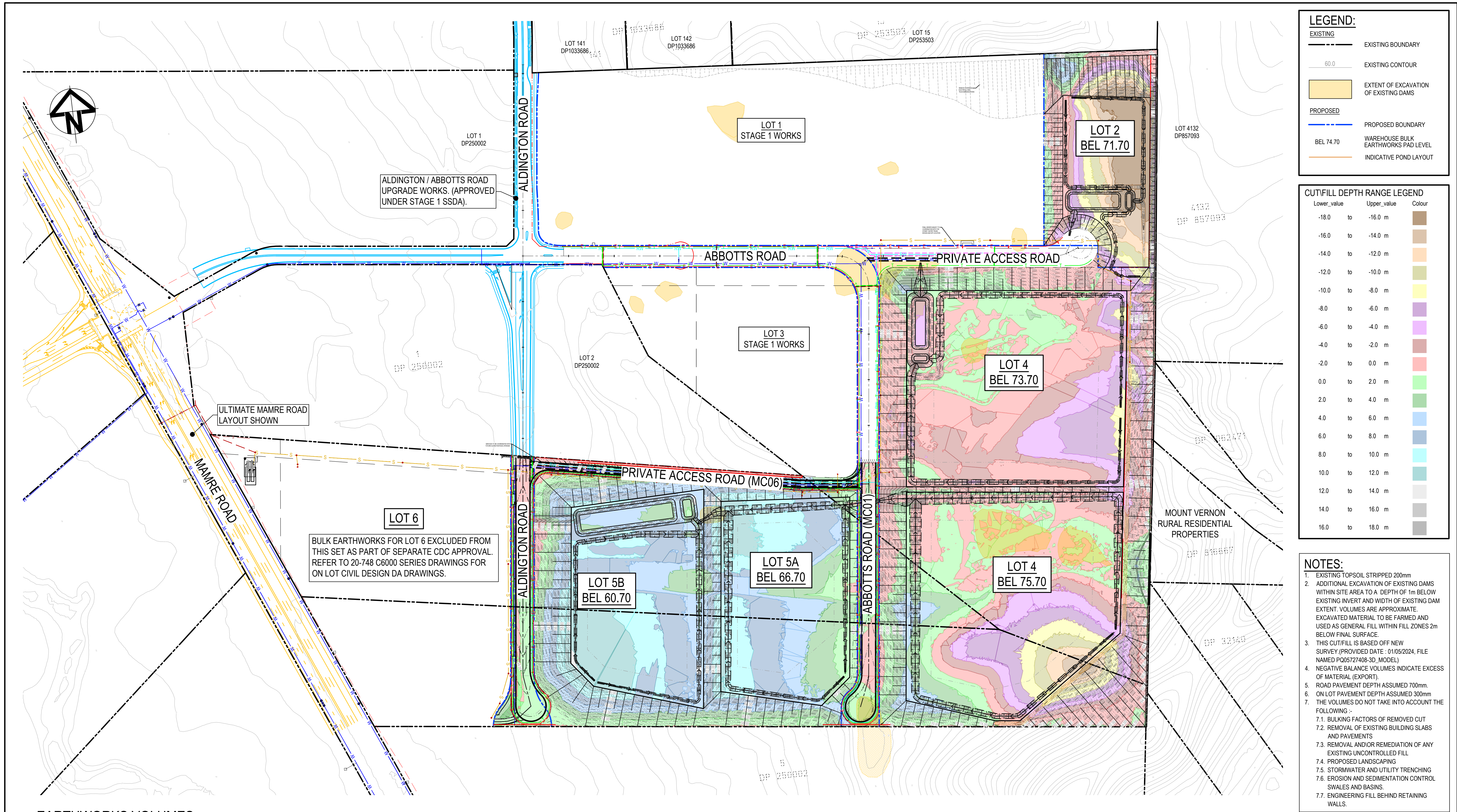
Project - Drawing No.

20-748-C5030

Issue

A1  
G





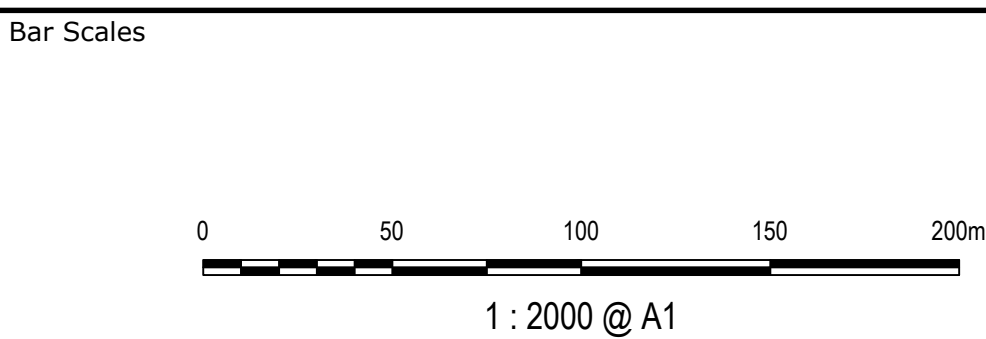
**EARTHWORKS VOLUMES**

A	B	C	D	E = 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)
-58,560	-10,467	-597,950	+651,890	+53,940 (IMPORT)

**NOTE:**  
BULK EARTHWORKS VOLUMES CALCULATED BASED OFF STAGE 1 BULK EARTHWORKS DESIGN LEVELS AND EXISTING SURVEY LEVELS WITHIN STAGE 2. VOLUMES TO BE CONFIRMED RECEIPT OF STAGE 1 BULK EARTHWORKS WORK AS EXECUTED.

ALL LEVELS SHOWN ± 1000mm U.N.O

Issue	Description	Date
G	ISSUED FOR DEVELOPMENT APPLICATION	13-01-25
F	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
E	ISSUED FOR DEVELOPMENT APPLICATION	11-10-23
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



Client



Scales  
1 : 2000

Grid  
MGA2020

Height Datum  
AHD



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Drawn  
LM

Designed  
LM

Checked  
AT

Approved  
AT

Project  
**PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK**

Title  
**BULK EARTHWORKS CUT/FILL PLAN**

Civil Engineers and Project Managers

**at&i**  
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

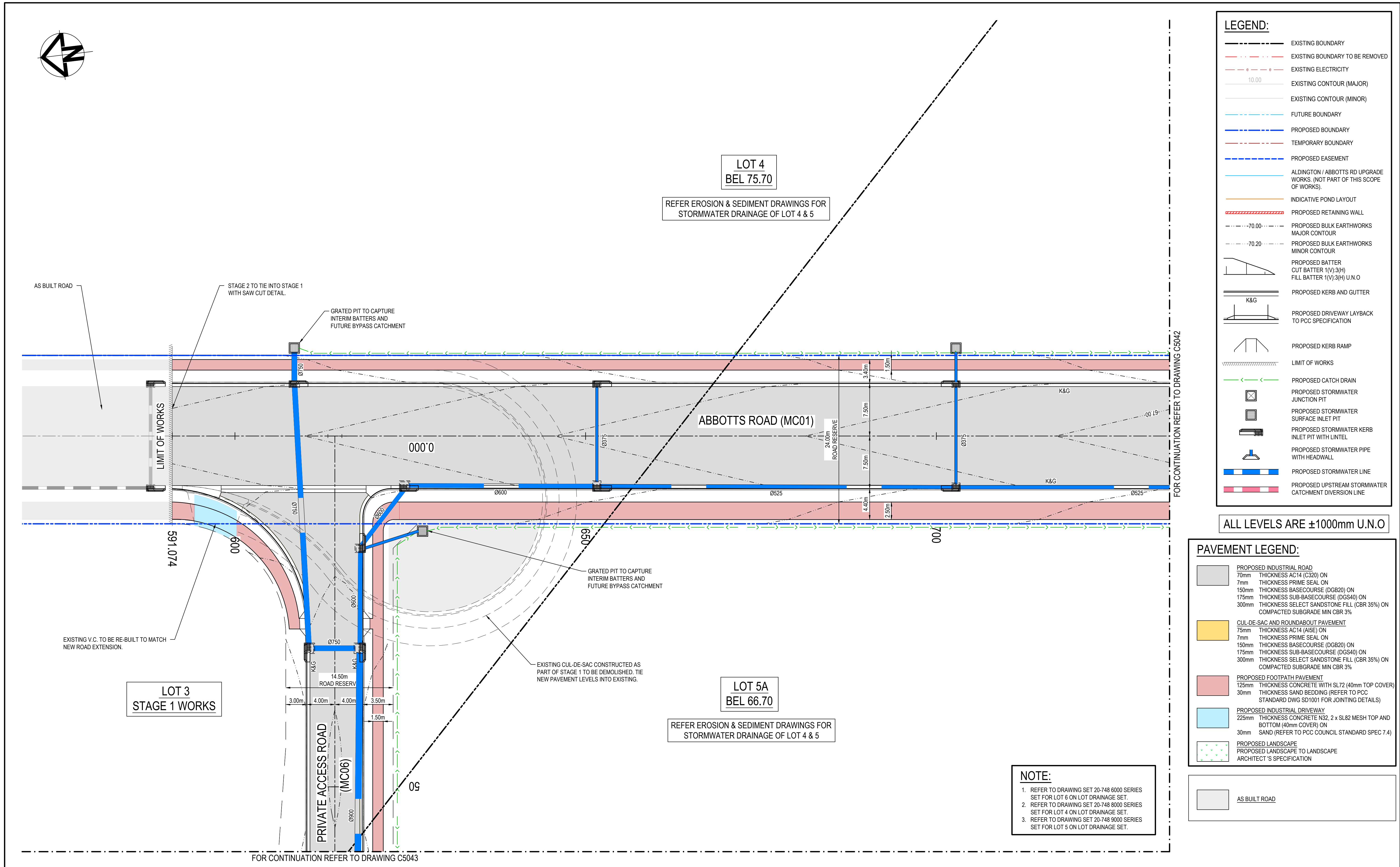
Status  
**FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION**

Project - Drawing No.  
**20-748-C5033**

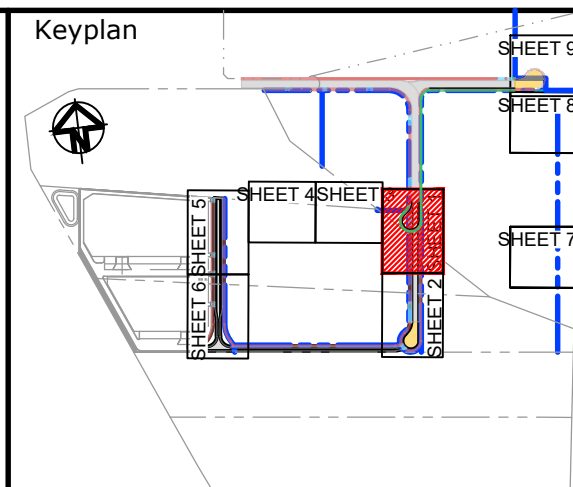
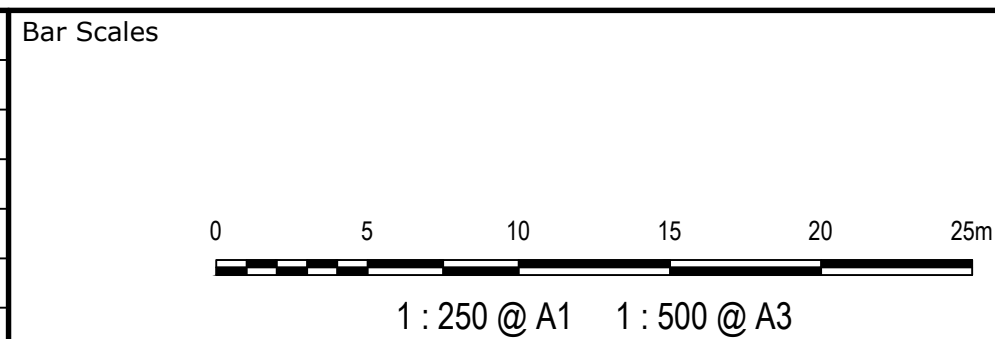
A1

Issue  
**G**






E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date




Scales  1 : 250	Drawn	LM
	Designed	LM
Grid MGA2020	Checked	AT
Height Datum AHD	Approved	AT

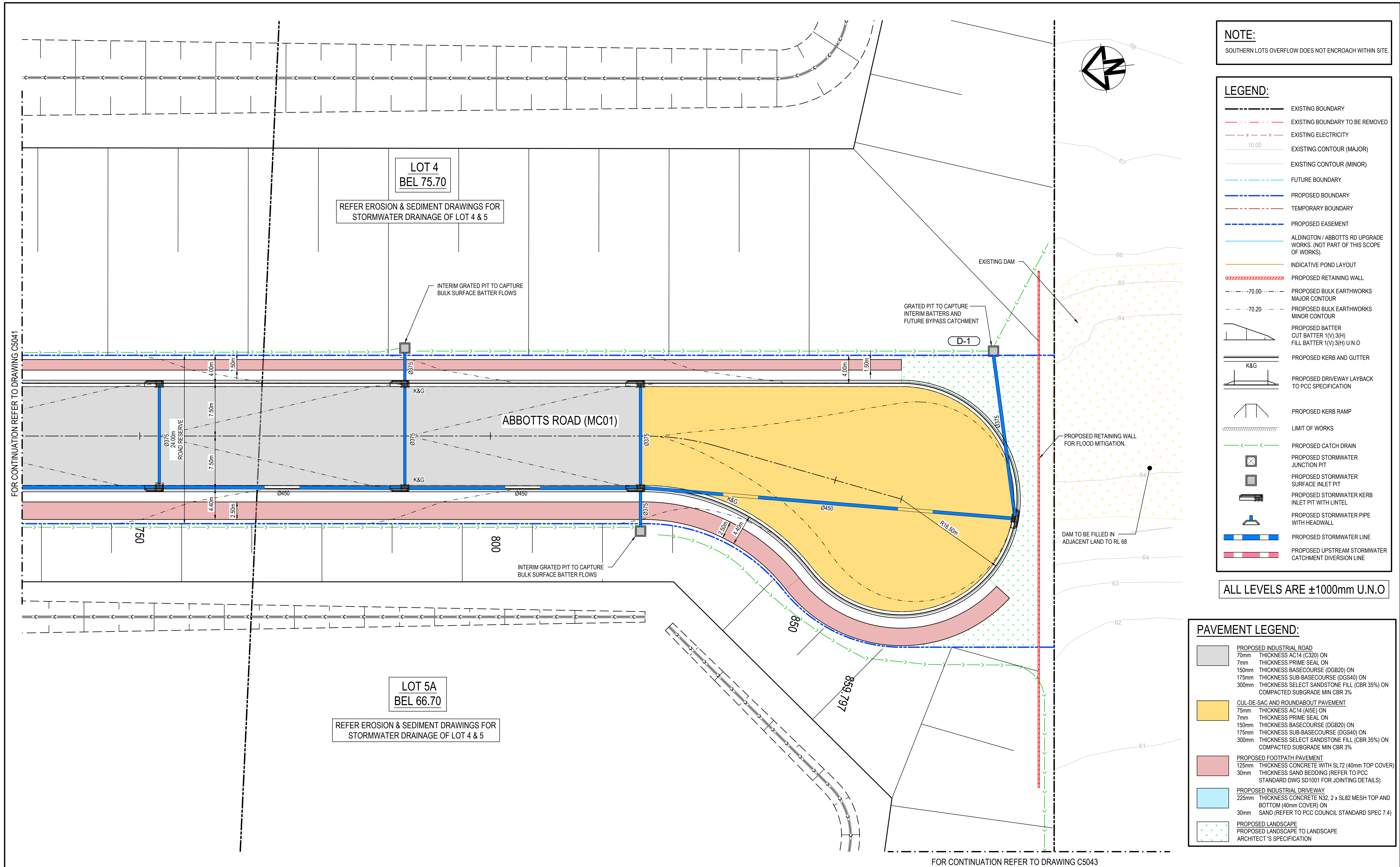

GDA2020

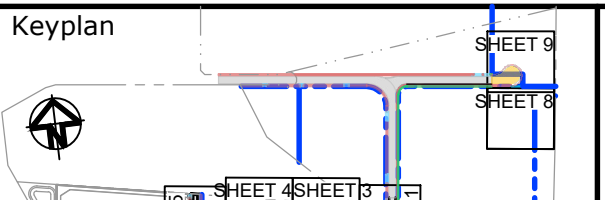




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OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY  
INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 1

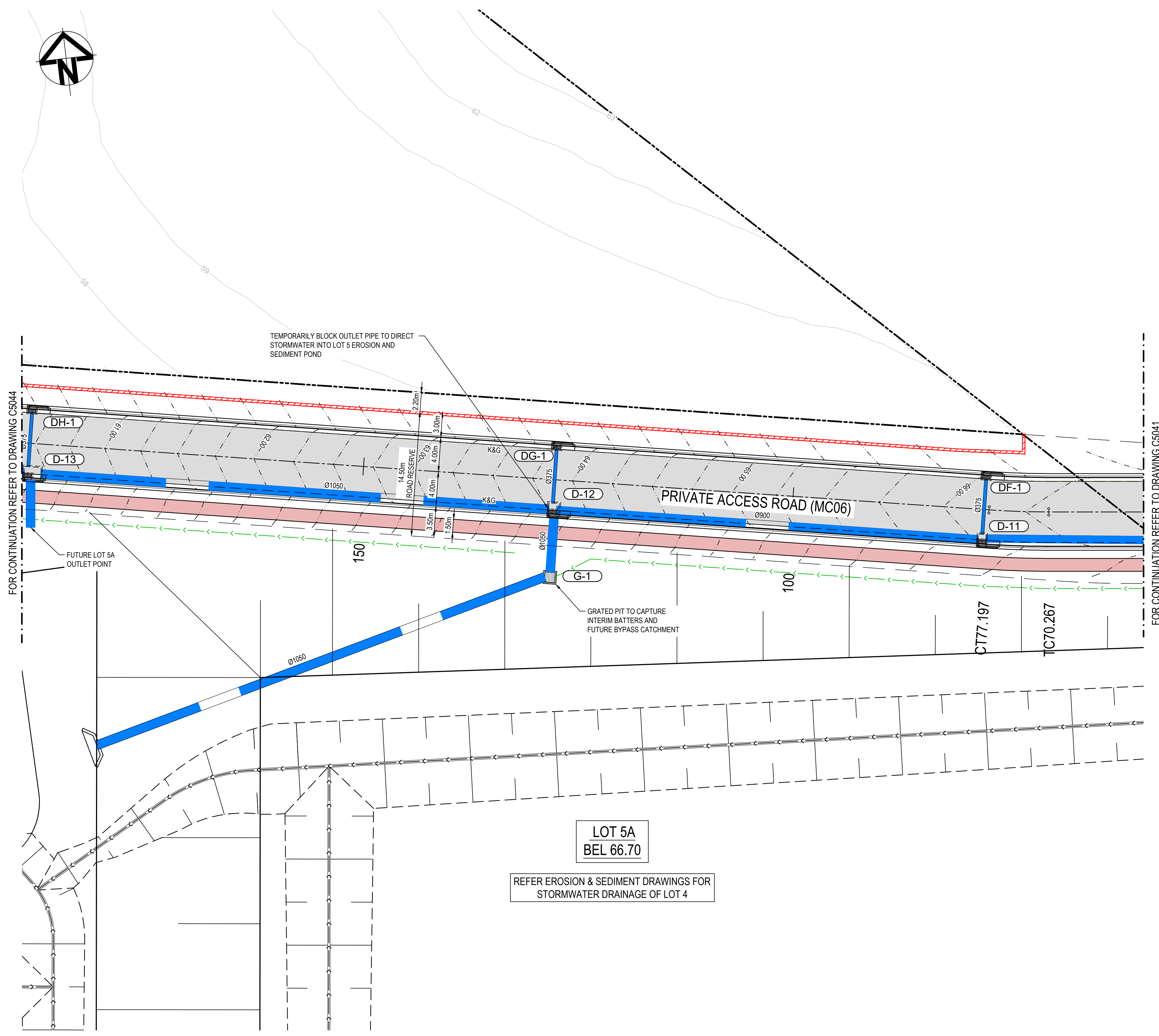
Civil Engineers and Project Managers	
	Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 <a href="http://www.atl.net.au">www.atl.net.au</a> <a href="mailto:info@atl.net.au">info@atl.net.au</a>
Status <b>FOR APPROVAL</b> <b>NOT TO BE USED FOR CONSTRUCTION</b>	<b>A1</b>  Issue <b>E</b>
Project - Drawing No. <b>20-748-C5041</b>	





			Bar Scales			Client			Scales 1 : 250		Drawn LM		Project 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 info@atl.net.au		
							Grid MGA2020		Checked AT							
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25							Height Datum	AHD	Approved	AT	Title ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 2	Status FOR APPROVAL		A1
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23							 THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L					NOT TO BE USED FOR CONSTRUCTION		
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23														
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23														
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22														
Issue	Description	Date														





**LEGEND:**

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- FUTURE BOUNDARY
- PROPOSED BOUNDARY
- TEMPORARY BOUNDARY
- PROPOSED EASEMENT
- ALDINGTON / ABBOTTS RD UPGRADE WORKS, (NOT PART OF THIS SCOPE OF WORKS).
- INDICATIVE POND LAYOUT
- PROPOSED RETAINING WALL
- PROPOSED BULK EARTHWORKS MAJOR CONTOUR
- PROPOSED BULK EARTHWORKS MINOR CONTOUR
- PROPOSED BATTER CUT BATTER 1(V):3(H) FILL BATTER 1(V):3(H) U.N.O
- PROPOSED KERB AND GUTTER
- PROPOSED DRIVEWAY LAYBACK TO PCC SPECIFICATION
- PROPOSED KERB RAMP
- LIMIT OF WORKS
- PROPOSED CATCH DRAIN
- PROPOSED STORMWATER JUNCTION PIT
- PROPOSED STORMWATER SURFACE INLET PIT
- PROPOSED STORMWATER KERB INLET PIT WITH LINTEL
- PROPOSED STORMWATER PIPE WITH HEADWALL
- PROPOSED STORMWATER LINE
- PROPOSED UPSTREAM STORMWATER CATCHMENT DIVERSION LINE

ALL LEVELS ARE ±1000mm U.N.O

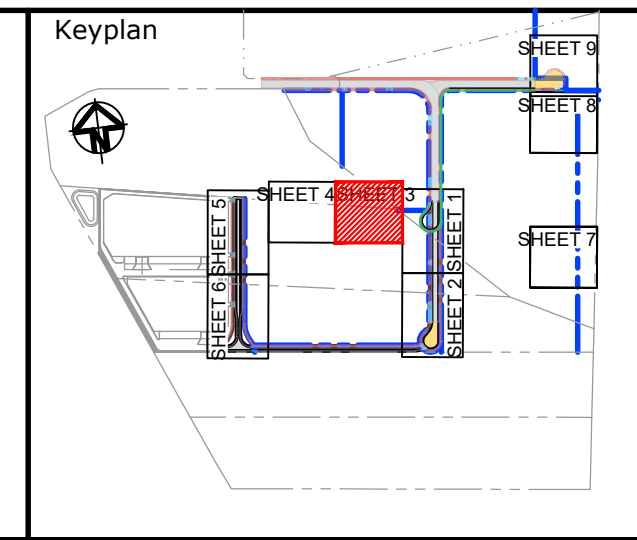
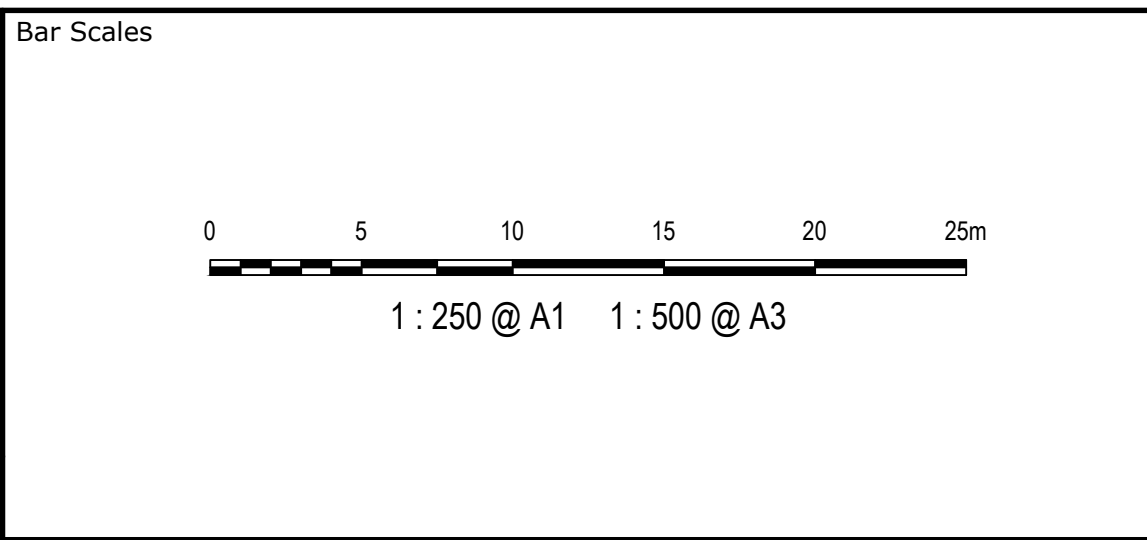
**PAVEMENT LEGEND:**

- PROPOSED INDUSTRIAL ROAD**
  - 70mm THICKNESS AC14 (C320) ON
  - 7mm THICKNESS PRIME SEAL ON
  - 150mm THICKNESS BASECOURSE (DGB20) ON
  - 175mm THICKNESS SUB-BASECOURSE (DGS40) ON
  - 300mm THICKNESS SELECT SANDSTONE FILL (CBR 35%) ON
  - COMPACTED SUBGRADE MIN CBR 3%
- CUL-DE-SAC AND ROUNDABOUT PAVEMENT**
  - 75mm THICKNESS AC14 (A1E) ON
  - 7mm THICKNESS PRIME SEAL ON
  - 150mm THICKNESS BASECOURSE (DGB20) ON
  - 175mm THICKNESS SUB-BASECOURSE (DGS40) ON
  - 300mm THICKNESS SELECT SANDSTONE FILL (CBR 35%) ON
  - COMPACTED SUBGRADE MIN CBR 3%
- PROPOSED FOOTPATH PAVEMENT**
  - 125mm THICKNESS CONCRETE WITH SL72 (40mm TOP COVER)
  - 30mm THICKNESS SAND BEDDING (REFER TO PCC STANDARD DWG SD1001 FOR JOINTING DETAILS)
- PROPOSED INDUSTRIAL DRIVEWAY**
  - 225mm THICKNESS CONCRETE N32, 2 x SL82 MESH TOP AND BOTTOM (40mm COVER) ON
  - 30mm SAND (REFER TO PCC COUNCIL STANDARD SPEC 7.4)
- PROPOSED LANDSCAPE**
  - PROPOSED LANDSCAPE TO LANDSCAPE ARCHITECT 'S SPECIFICATION

**NOTE:**

- REFER TO DRAWING SET 20-748 6000 SERIES SET FOR LOT 6 ON LOT DRAINAGE SET.
- REFER TO DRAWING SET 20-748 8000 SERIES SET FOR LOT 4 ON LOT DRAINAGE SET.
- REFER TO DRAWING SET 20-748 9000 SERIES SET FOR LOT 5 ON LOT DRAINAGE SET.

Issue	Description	Date
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



Scales	1 : 250	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT

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Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 3

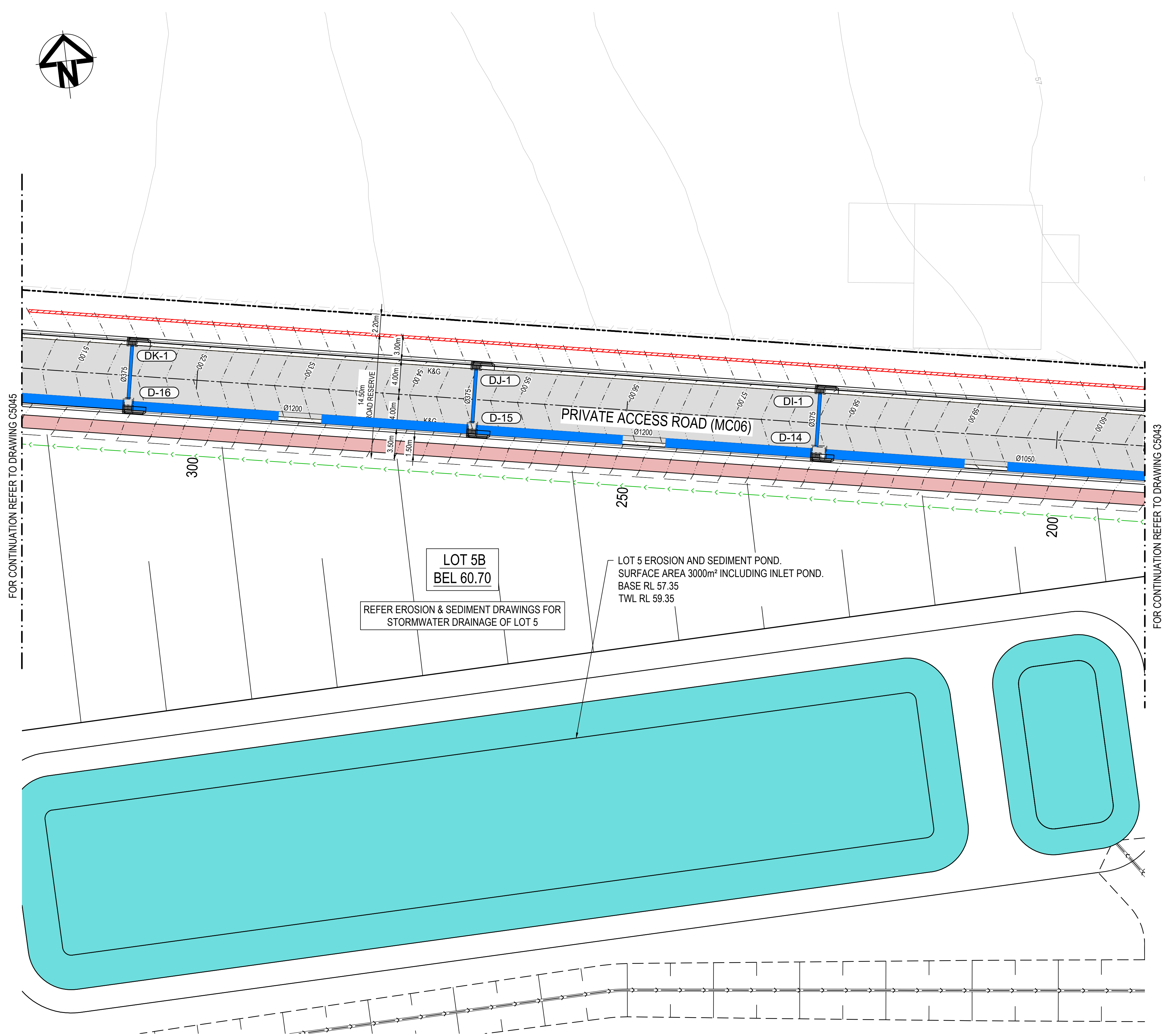
Civil Engineers and Project Managers

**at&l**

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

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1	
Project - Drawing No.	20-748-C5043	Issue	E





**LEGEND:**

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- FUTURE BOUNDARY
- PROPOSED BOUNDARY
- TEMPORARY BOUNDARY
- PROPOSED EASEMENT
- ALDINGTON / ABBOTTS RD UPGRADE WORKS, (NOT PART OF THIS SCOPE OF WORKS).
- INDICATIVE POND LAYOUT
- PROPOSED RETAINING WALL
- PROPOSED BULK EARTHWORKS MAJOR CONTOUR
- PROPOSED BULK EARTHWORKS MINOR CONTOUR
- PROPOSED BATTER CUT BATTER 1(V):3(H) FILL BATTER 1(V):3(H) U.N.O
- PROPOSED KERB AND GUTTER
- PROPOSED DRIVEWAY LAYBACK TO PCC SPECIFICATION
- PROPOSED KERB RAMP
- LIMIT OF WORKS
- PROPOSED CATCH DRAIN
- PROPOSED STORMWATER JUNCTION PIT
- PROPOSED STORMWATER SURFACE INLET PIT
- PROPOSED STORMWATER KERB INLET PIT WITH LINTEL
- PROPOSED STORMWATER PIPE WITH HEADWALL
- PROPOSED STORMWATER LINE
- PROPOSED UPSTREAM STORMWATER CATCHMENT DIVERSION LINE

ALL LEVELS ARE ±1000mm U.N.O

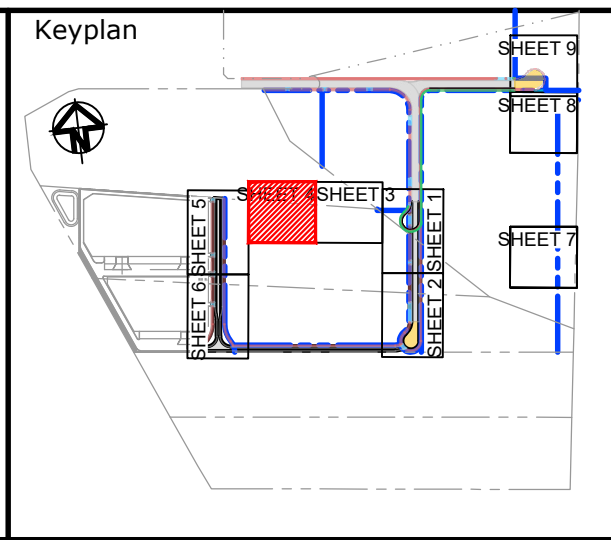
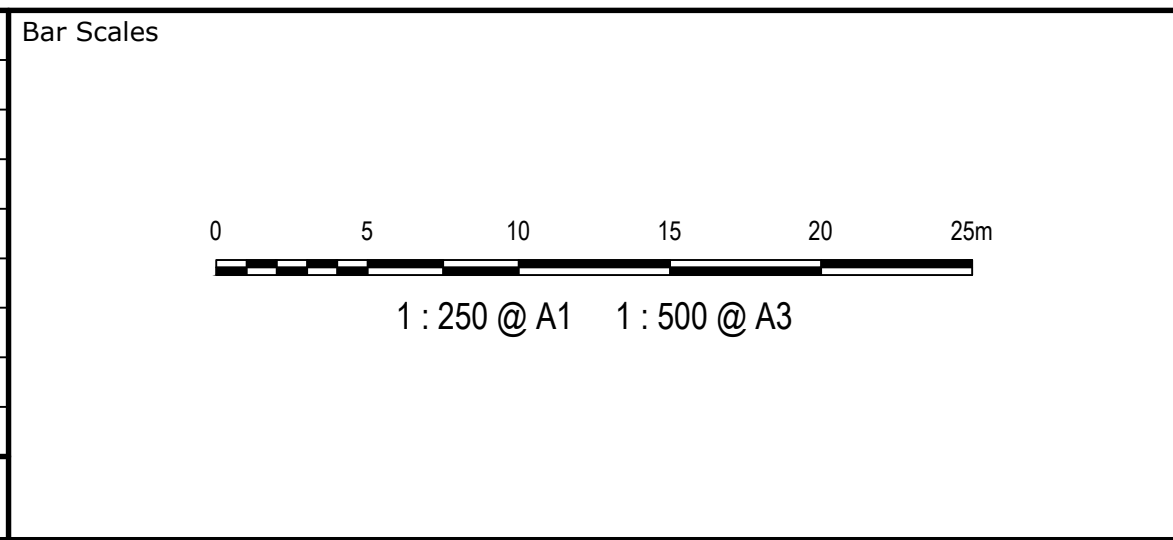
**PAVEMENT LEGEND:**

- PROPOSED INDUSTRIAL ROAD**
  - 70mm THICKNESS AC14 (C320) ON
  - 7mm THICKNESS PRIME SEAL ON
  - 150mm THICKNESS BASECOURSE (DGB20) ON
  - 175mm THICKNESS SUB-BASECOURSE (DGS40) ON
  - 300mm THICKNESS SELECT SANDSTONE FILL (CBR 35%) ON
  - COMPACTED SUBGRADE MIN CBR 3%
- CUL-DE-SAC AND ROUNDABOUT PAVEMENT**
  - 75mm THICKNESS AC14 (A1E) ON
  - 7mm THICKNESS PRIME SEAL ON
  - 150mm THICKNESS BASECOURSE (DGB20) ON
  - 175mm THICKNESS SUB-BASECOURSE (DGS40) ON
  - 300mm THICKNESS SELECT SANDSTONE FILL (CBR 35%) ON
  - COMPACTED SUBGRADE MIN CBR 3%
- PROPOSED FOOTPATH PAVEMENT**
  - 125mm THICKNESS CONCRETE WITH SL72 (40mm TOP COVER)
  - 30mm THICKNESS SAND BEDDING (REFER TO PCC STANDARD DWG SD1001 FOR JOINTING DETAILS)
- PROPOSED INDUSTRIAL DRIVEWAY**
  - 225mm THICKNESS CONCRETE N32, 2 x SL82 MESH TOP AND BOTTOM (40mm COVER) ON
  - 30mm SAND (REFER TO PCC COUNCIL STANDARD SPEC 7.4)
- PROPOSED LANDSCAPE**
  - PROPOSED LANDSCAPE TO LANDSCAPE ARCHITECT'S SPECIFICATION

**NOTE:**

- REFER TO DRAWING SET 20-748 6000 SERIES SET FOR LOT 6 ON LOT DRAINAGE SET.
- REFER TO DRAWING SET 20-748 8000 SERIES SET FOR LOT 4 ON LOT DRAINAGE SET.
- REFER TO DRAWING SET 20-748 9000 SERIES SET FOR LOT 5 ON LOT DRAINAGE SET.

E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date



Client

Scales	1 : 250	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
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Project

**PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK**

Title

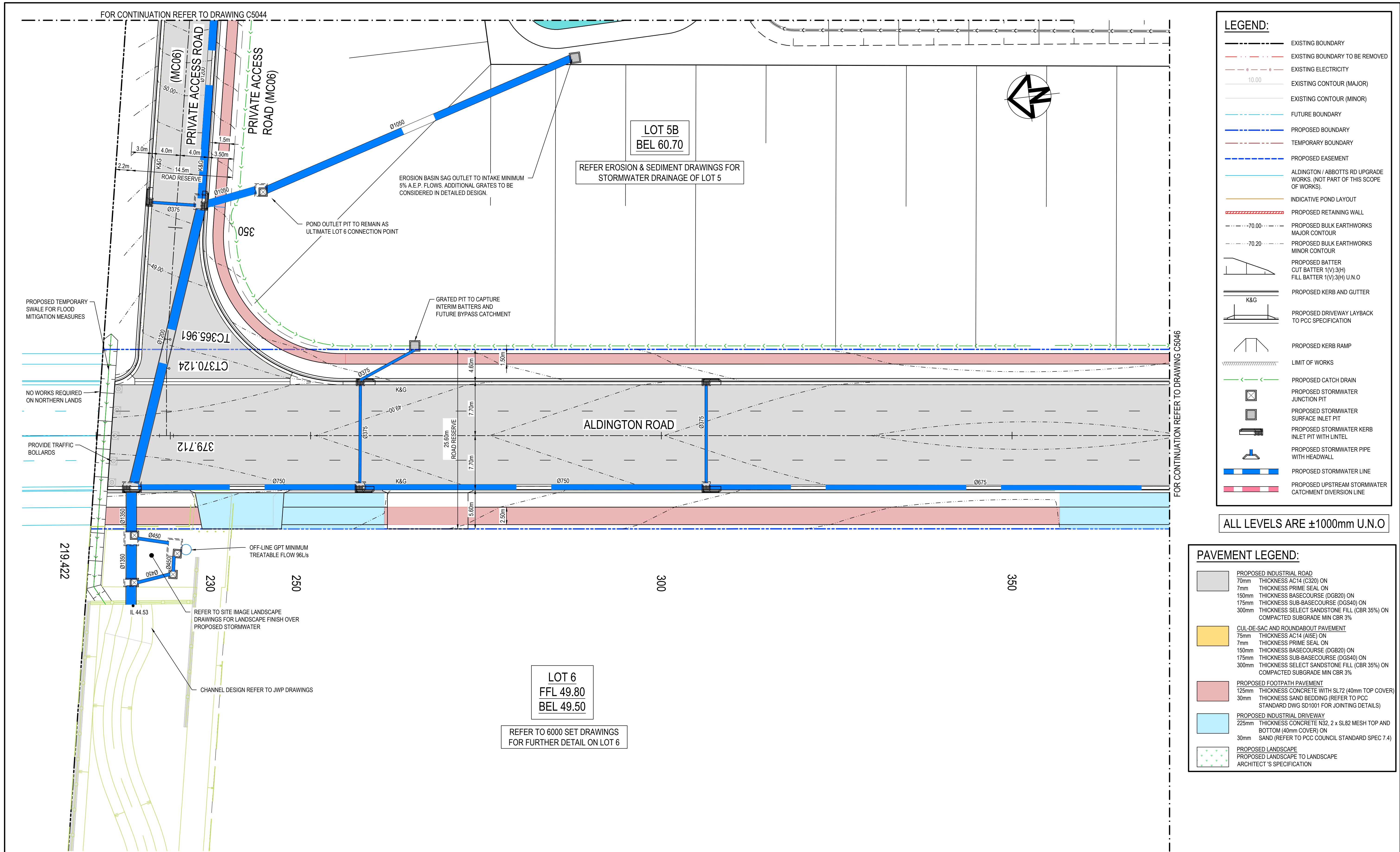
**ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 4**

Civil Engineers and Project Managers

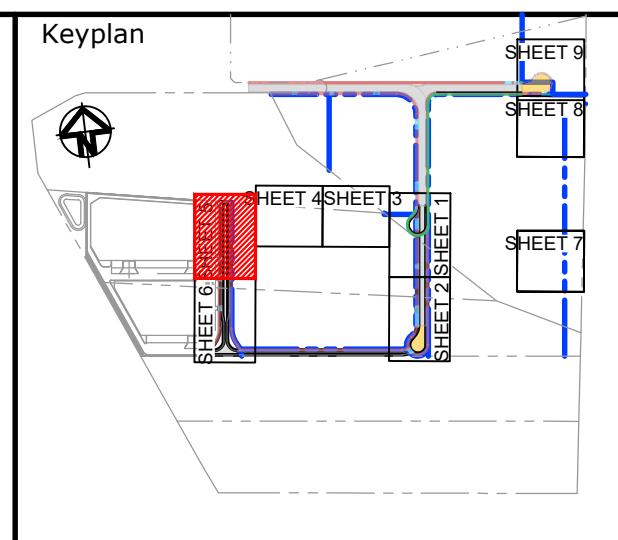
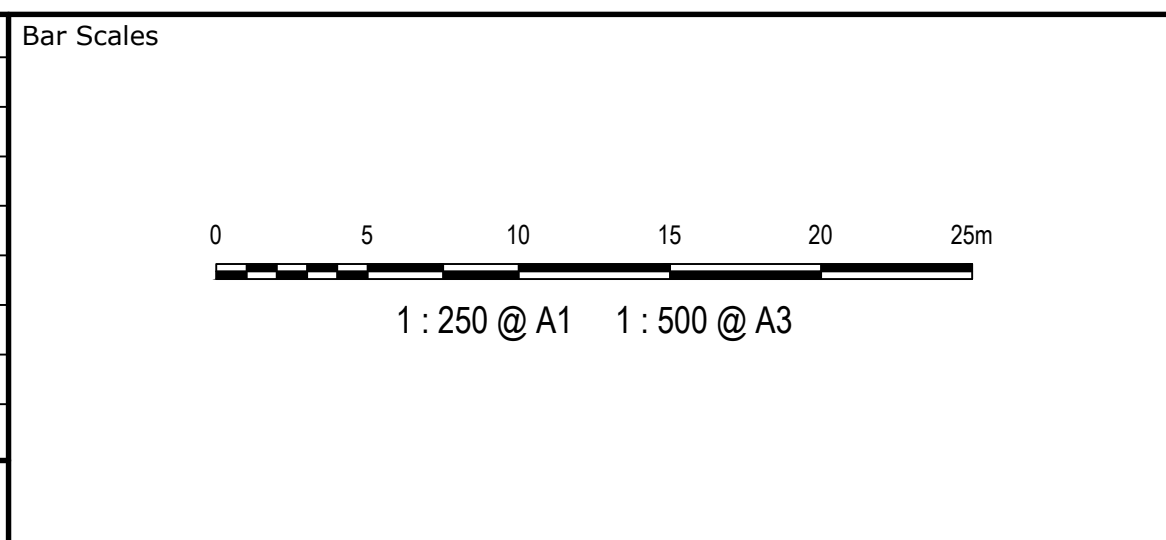
Level 7, 153 Walker Street  
North Sydney NSW 2060  
ABN 96 130 882 405  
Tel: 02 9439 1777  
Fax: 02 9923 1055  
www.atl.net.au  
info@atl.net.au

Status	<b>FOR APPROVAL</b>	<b>A1</b>
Project - Drawing No.	<b>20-748-C5044</b>	
Issue	<b>E</b>	





Issue	Description	Date
G	ISSUED FOR DEVELOPMENT APPLICATION	13-01-25
F	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
E	ISSUED FOR DEVELOPMENT APPLICATION	04-10-23
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



Scales	1 : 250	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT

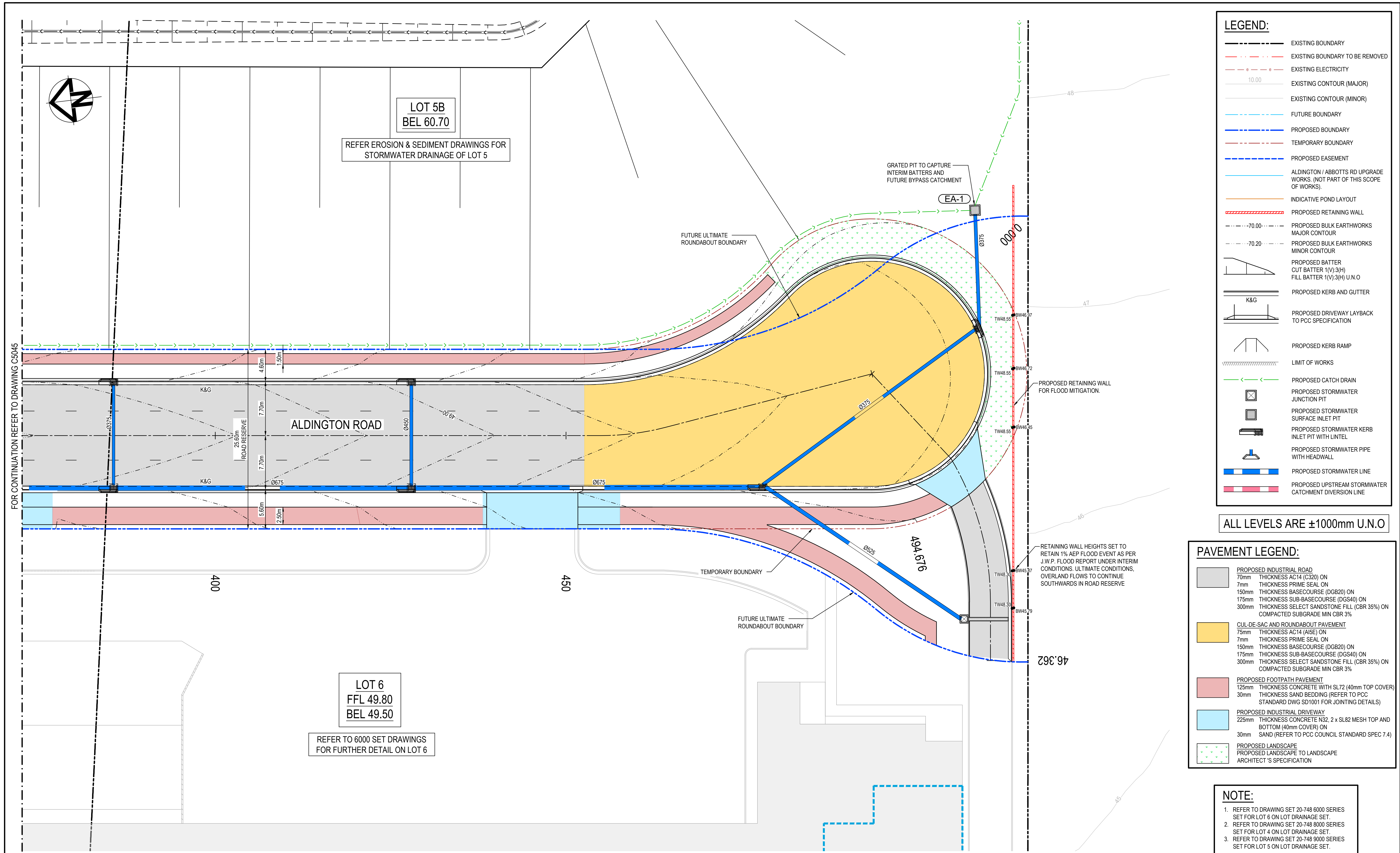
GDA2020

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OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY  
INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L

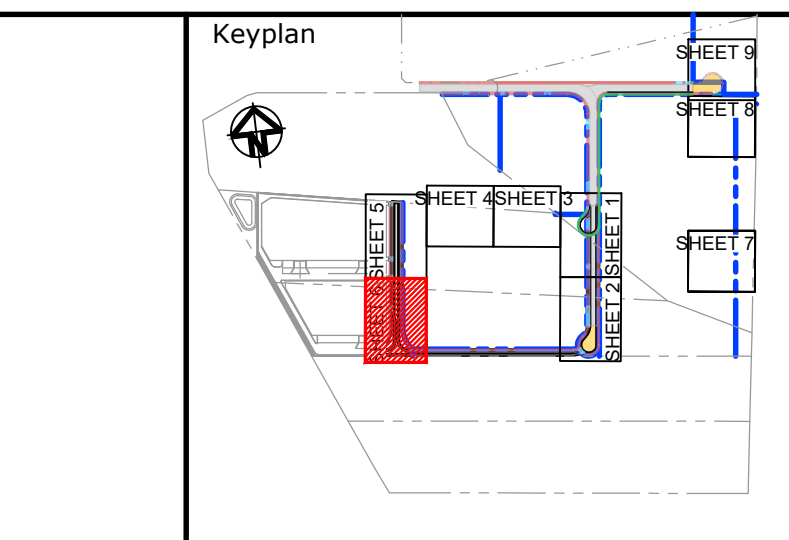
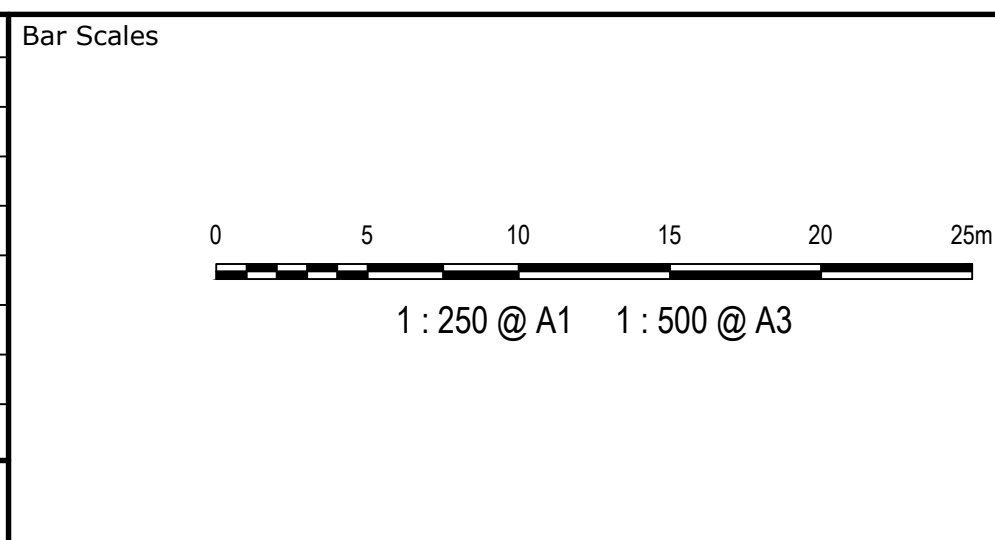
Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 5

Civil Engineers and Project Managers		
at&l		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5045	Issue G





Issue	Description	Date
H	ISSUED FOR DEVELOPMENT APPLICATION	03-02-25
G	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
F	ISSUED FOR DEVELOPMENT APPLICATION	11-10-23
E	ISSUED FOR DEVELOPMENT APPLICATION	04-10-23
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23

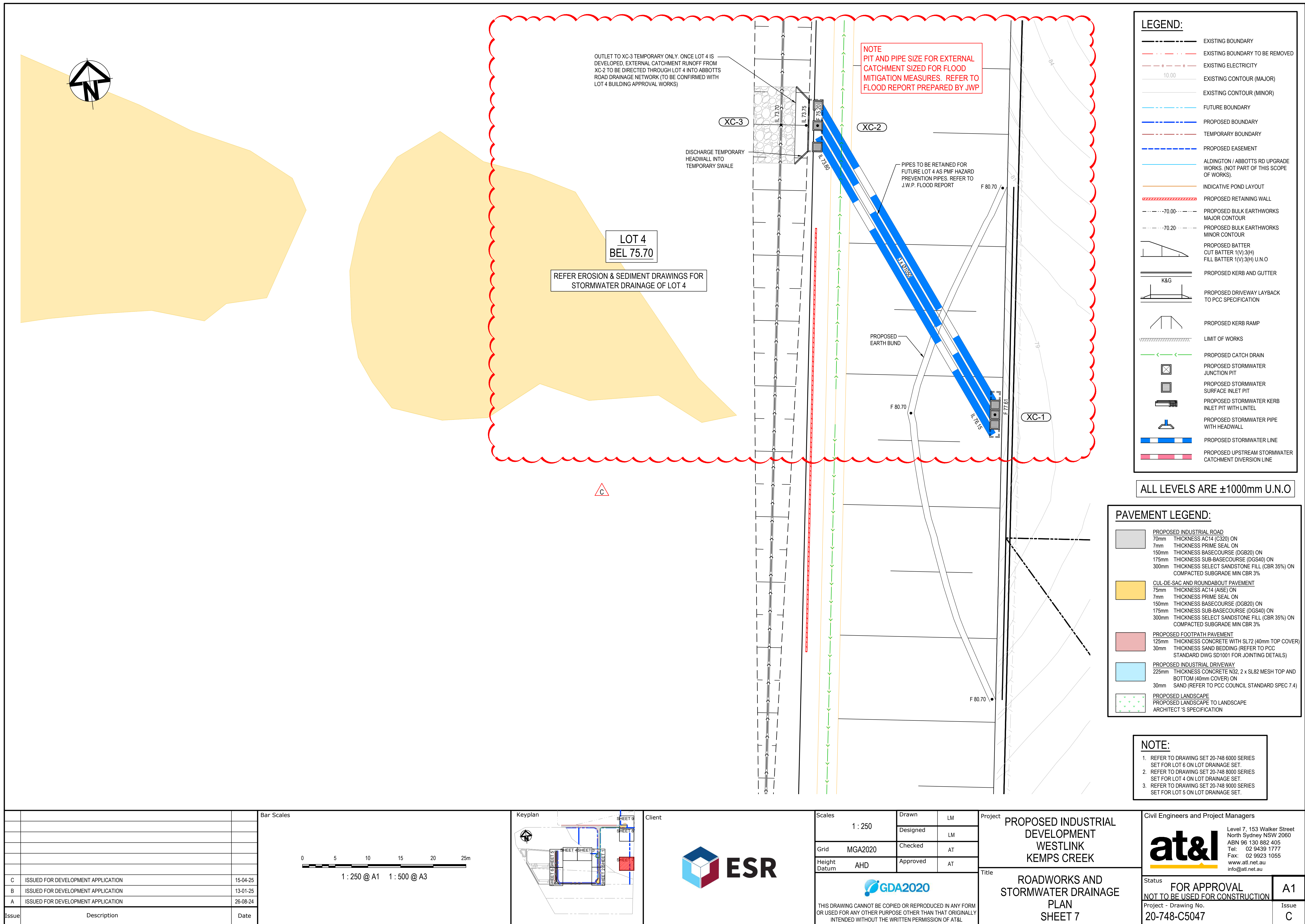


Scales	1 : 250	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
GDA2020			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&I			

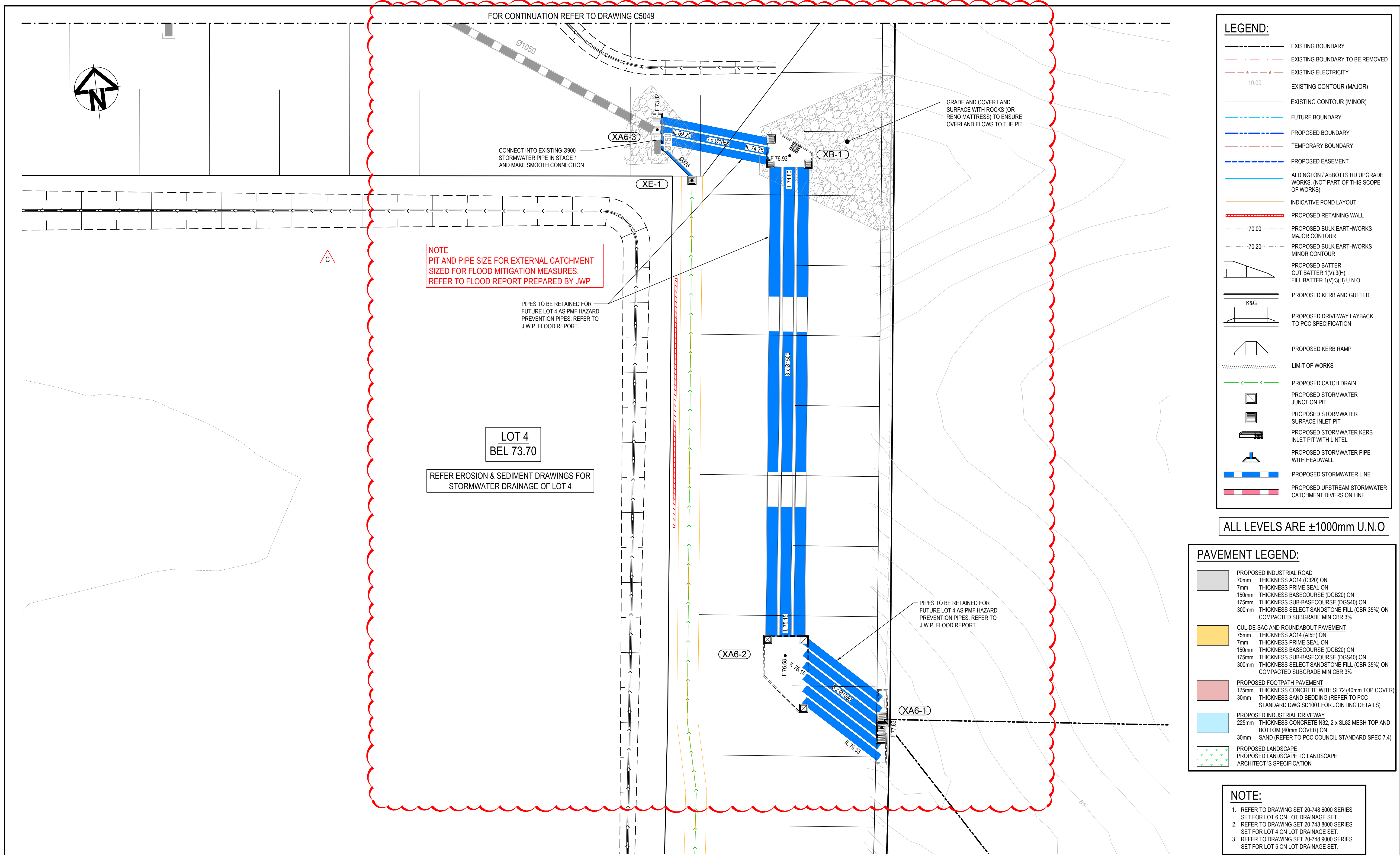
Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 6

Civil Engineers and Project Managers		
at&i		
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		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5046	Issue H

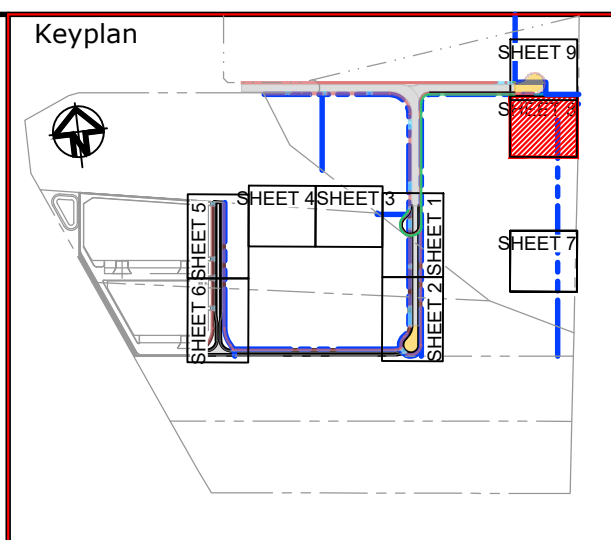
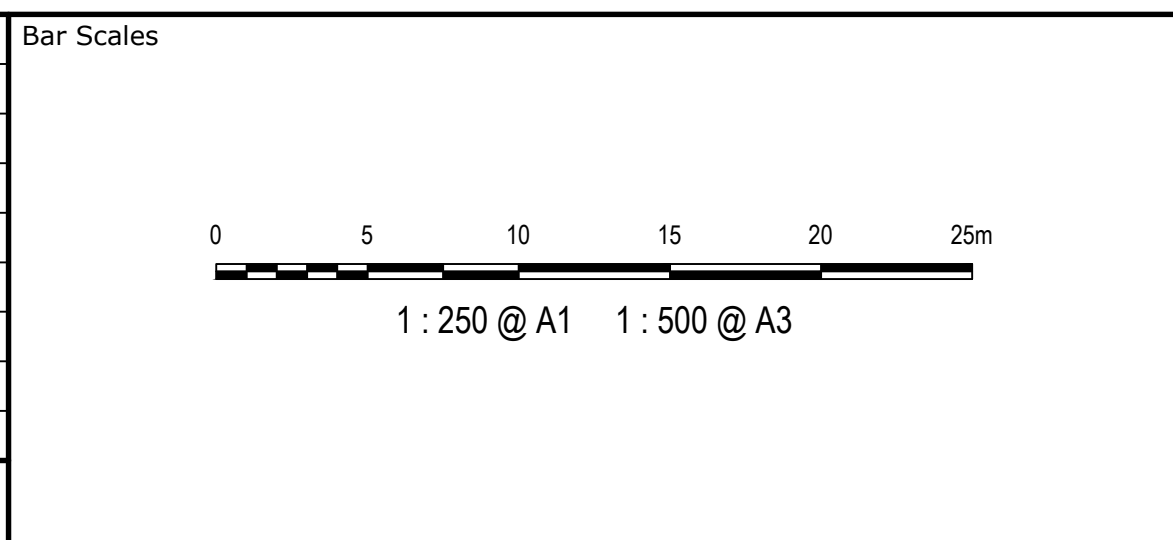








C	ISSUED FOR DEVELOPMENT APPLICATION	15-04-25
B	ISSUED FOR DEVELOPMENT APPLICATION	13-01-25
A	ISSUED FOR DEVELOPMENT APPLICATION	26-08-24
Issue	Description	Date

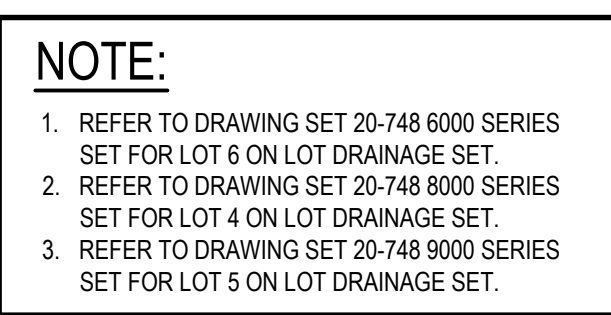


Scales	1 : 250	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&I			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 8

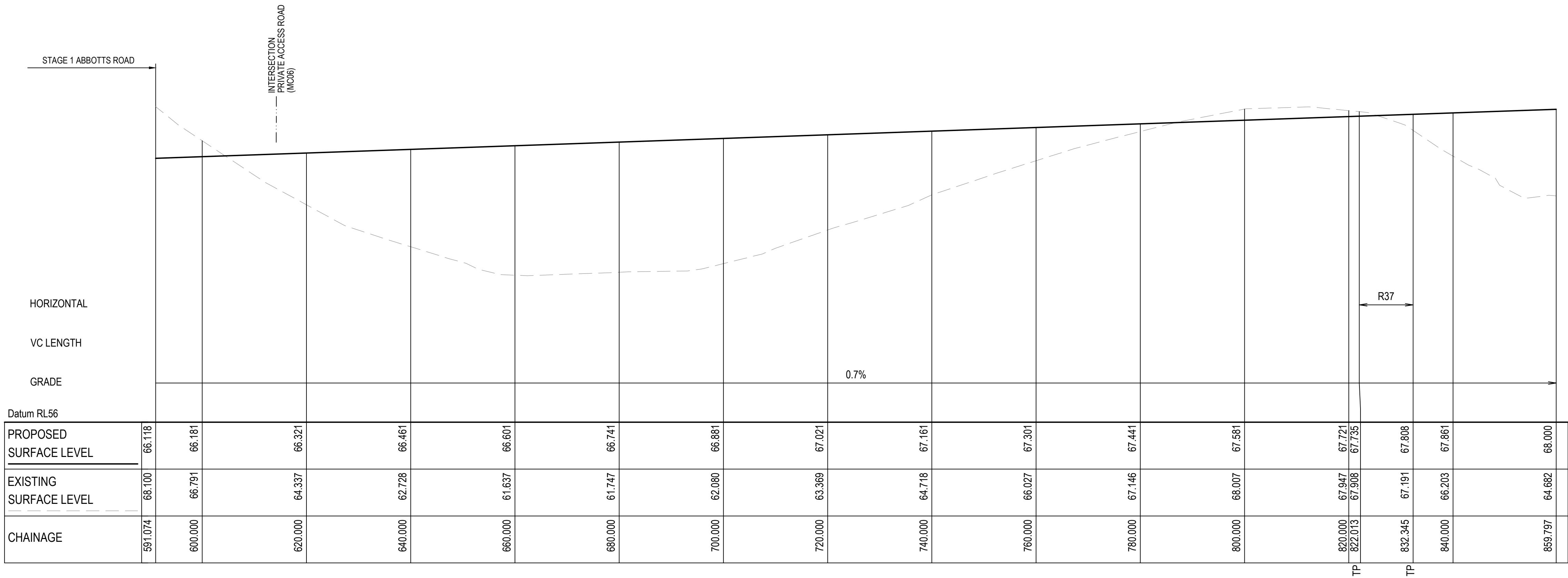
Civil Engineers and Project Managers		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.ati.net.au info@ati.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5048	Issue C





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ABBOTTS ROAD (MC01) LONGITUDINAL SECTION

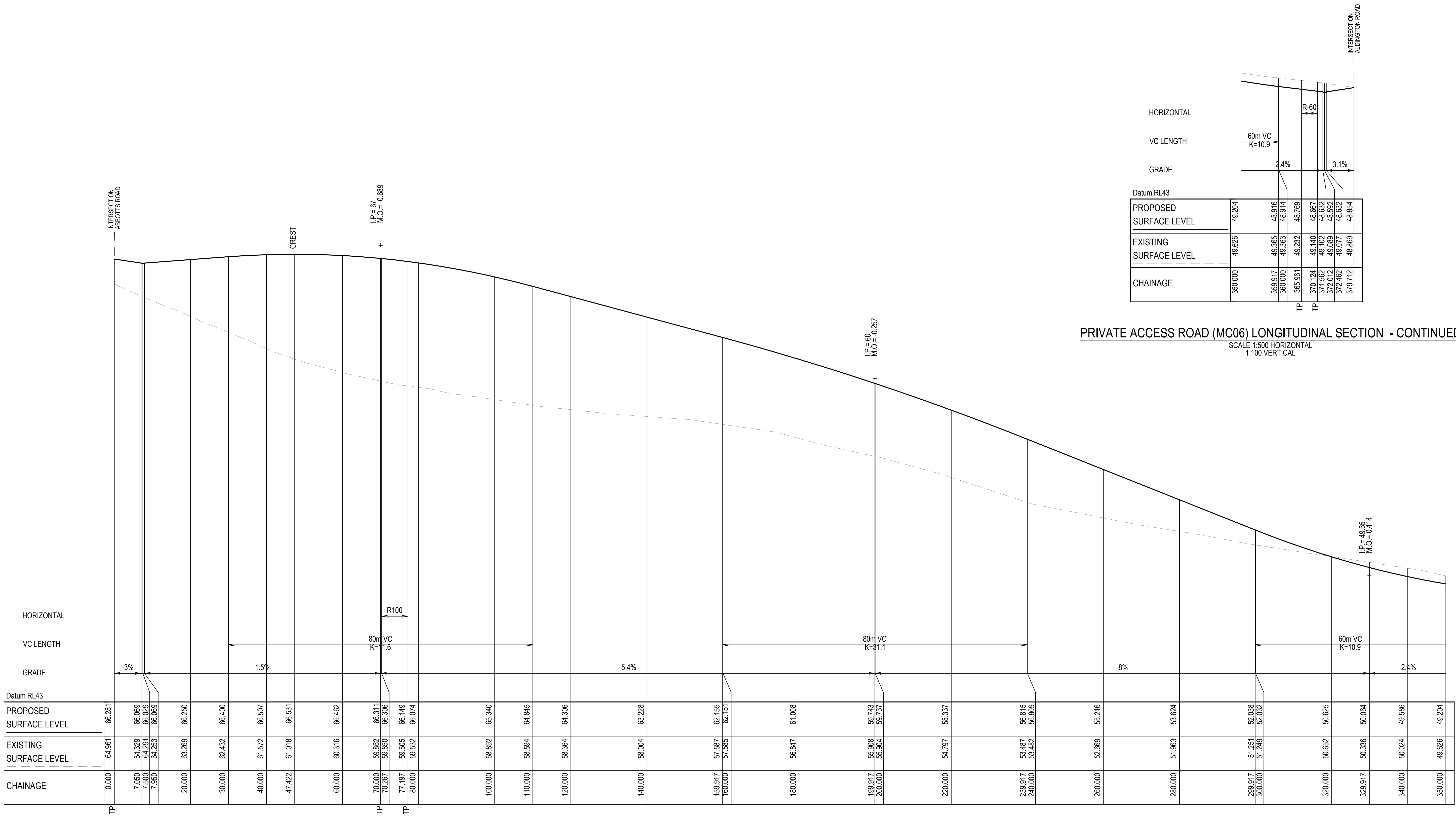
SCALE 1:500 HORIZONTAL  
1:100 VERTICAL

			Bar Scales				Client		Scales	1 : 100 V 1 : 500 H	Drawn	LM	Project	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 info@atl.net.au			
			Grid	MGA2020					Checked	AT	Title	ABBOTTS ROAD (MC01) LONGITUDINAL SECTION SHEET 1						Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
			Height Datum	AHD					Approved	AT										
			THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&I						Project - Drawing No. 20-748-C5050											
Issue			Description		Date															

100mm on Original

F:\20-748 ESR Mamre\6.0 Drgs\Civil\Final\SSDA\5000\_INFRASTRUCTURE\_STAGE\_2\_SSDA\20-748-C5050.dwg





PRIVATE ACCESS ROAD (MC06) LONGITUDINAL SECTION - CONTINUED

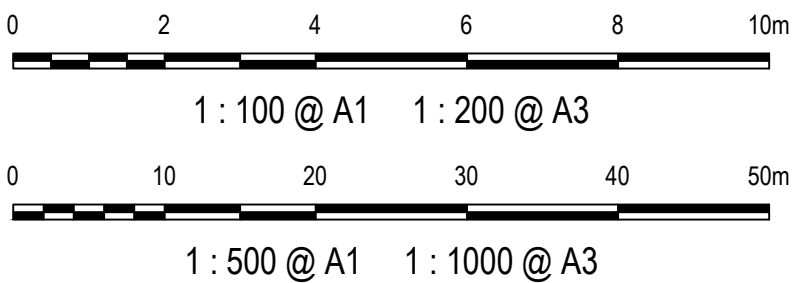
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1:100 VERTICAL

PRIVATE ACCESS ROAD (MC06) LONGITUDINAL SECTION

SCALE 1:500 HORIZONTAL  
1:100 VERTICAL

E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date

Bar Scales



Client



Scales  
1 : 100 V  
1 : 500 H

Grid  
MGA2020

Height  
Datum  
AHD

Drawn  
LM

Designed  
LM

Checked  
AT

Approved  
AT

GDA2020

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Project  
PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title  
PRIVATE ACCESS ROAD (MC05) LONGITUDINAL SECTION SHEET 2

Civil Engineers and Project Managers

at&l

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

Status  
FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.

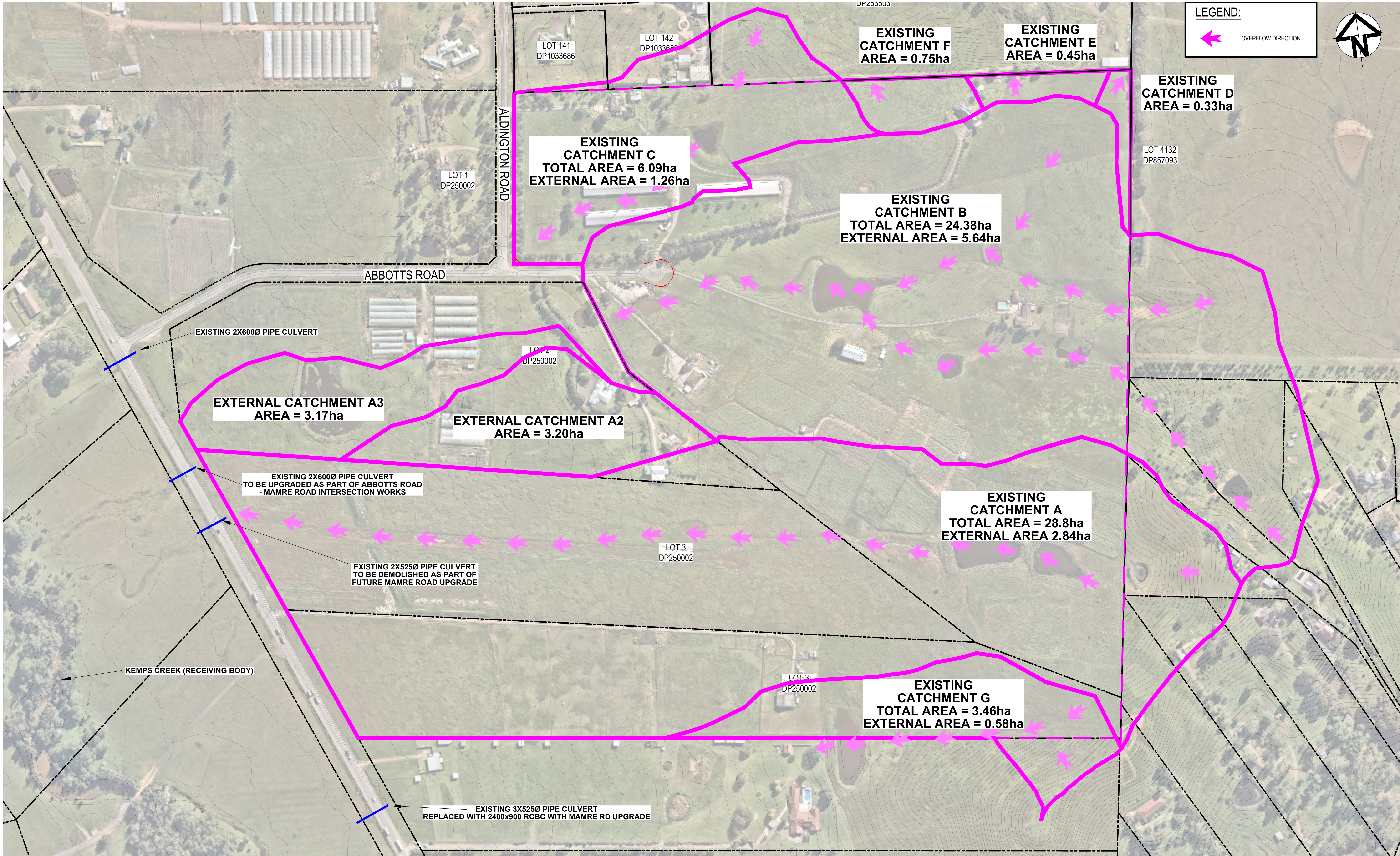
20-748-C5051

Issue  
E

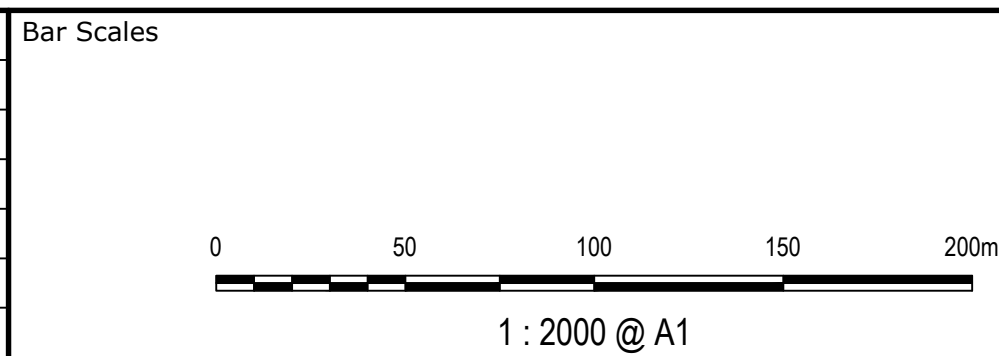








E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date



Client

Scales	1 : 2000	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
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Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

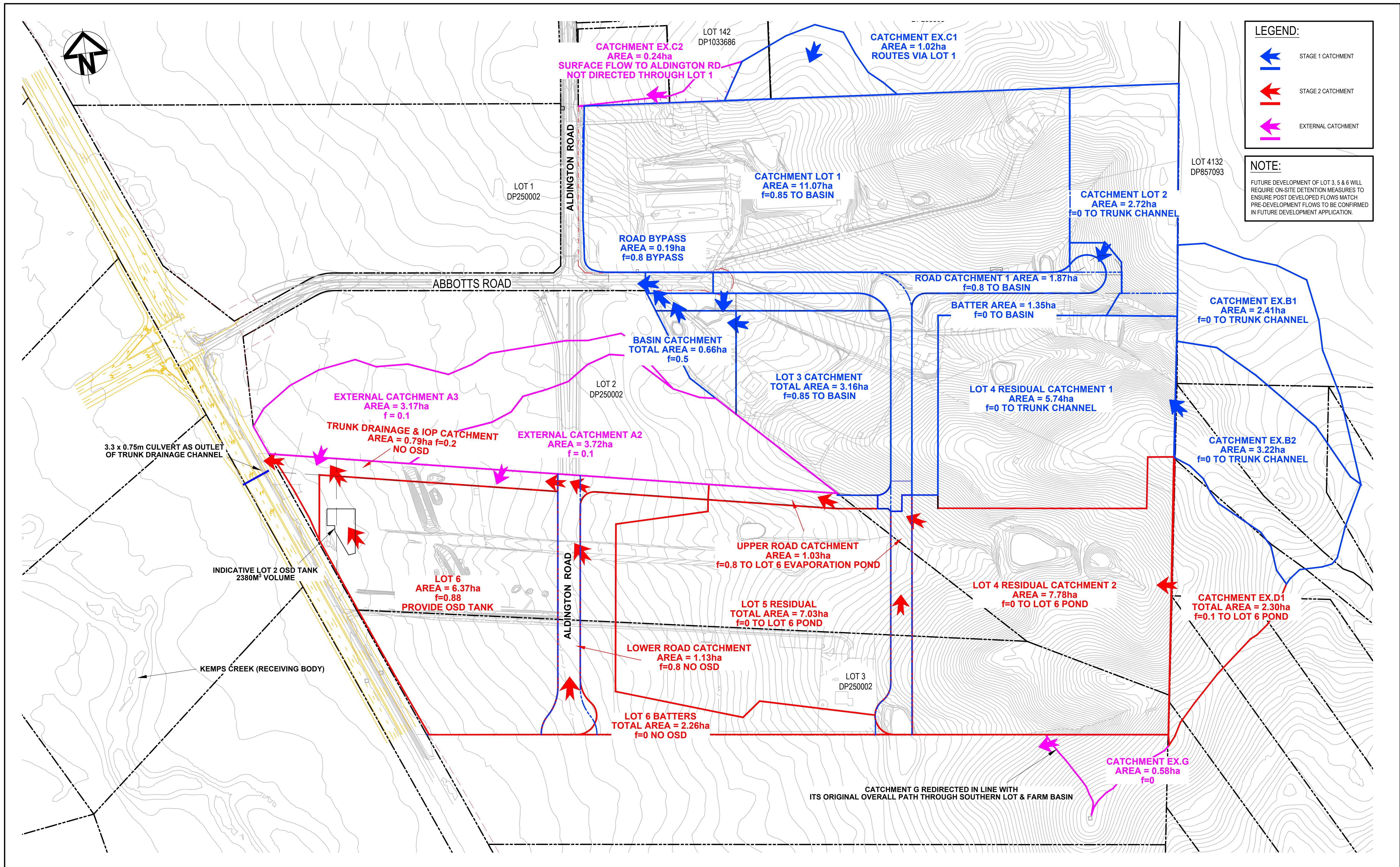
STORMWATER DRAINAGE CATCHMENT PLAN (PRE-DEVELOPED)

Civil Engineers and Project Managers

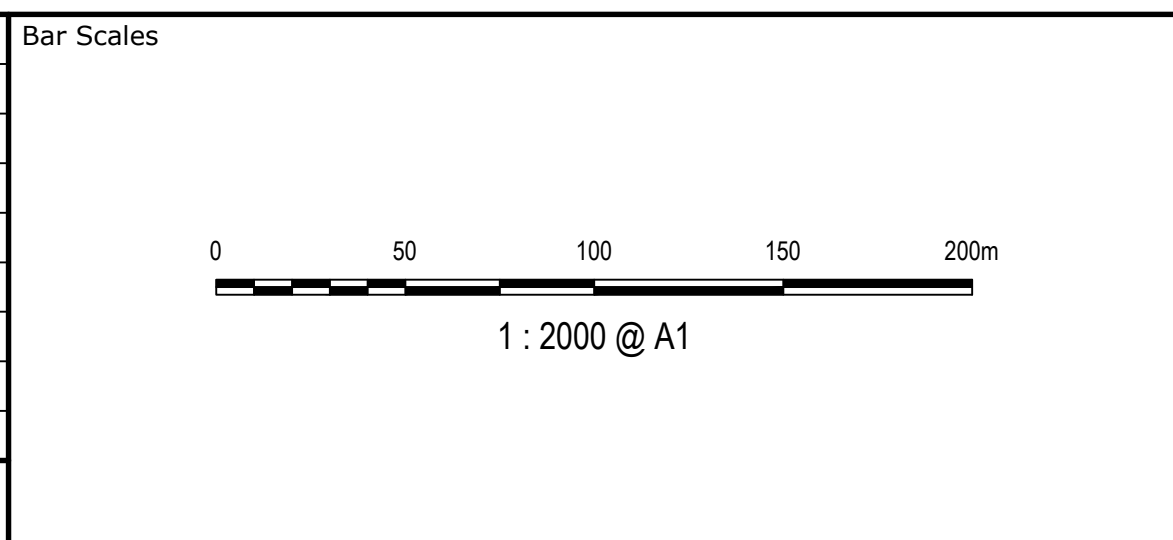
Level 7, 153 Walker Street  
North Sydney NSW 2060  
ABN 96 130 882 405  
Tel: 02 9439 1777  
Fax: 02 9923 1055  
www.atl.net.au  
info@atl.net.au

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5061	Issue
		E





Issue	Description	Date
F	ISSUED FOR DEVELOPMENT APPLICATION	08-09-25
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



Client

Scales

1 : 2000

Grid GDA2056

Height Datum AHD

Drawn NT

Designed JCA

Checked BK

Approved BK

GDA2020

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Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK-STAGE 2

Stormwater Drainage Catchment Plan (POST-DEVELOPED)

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

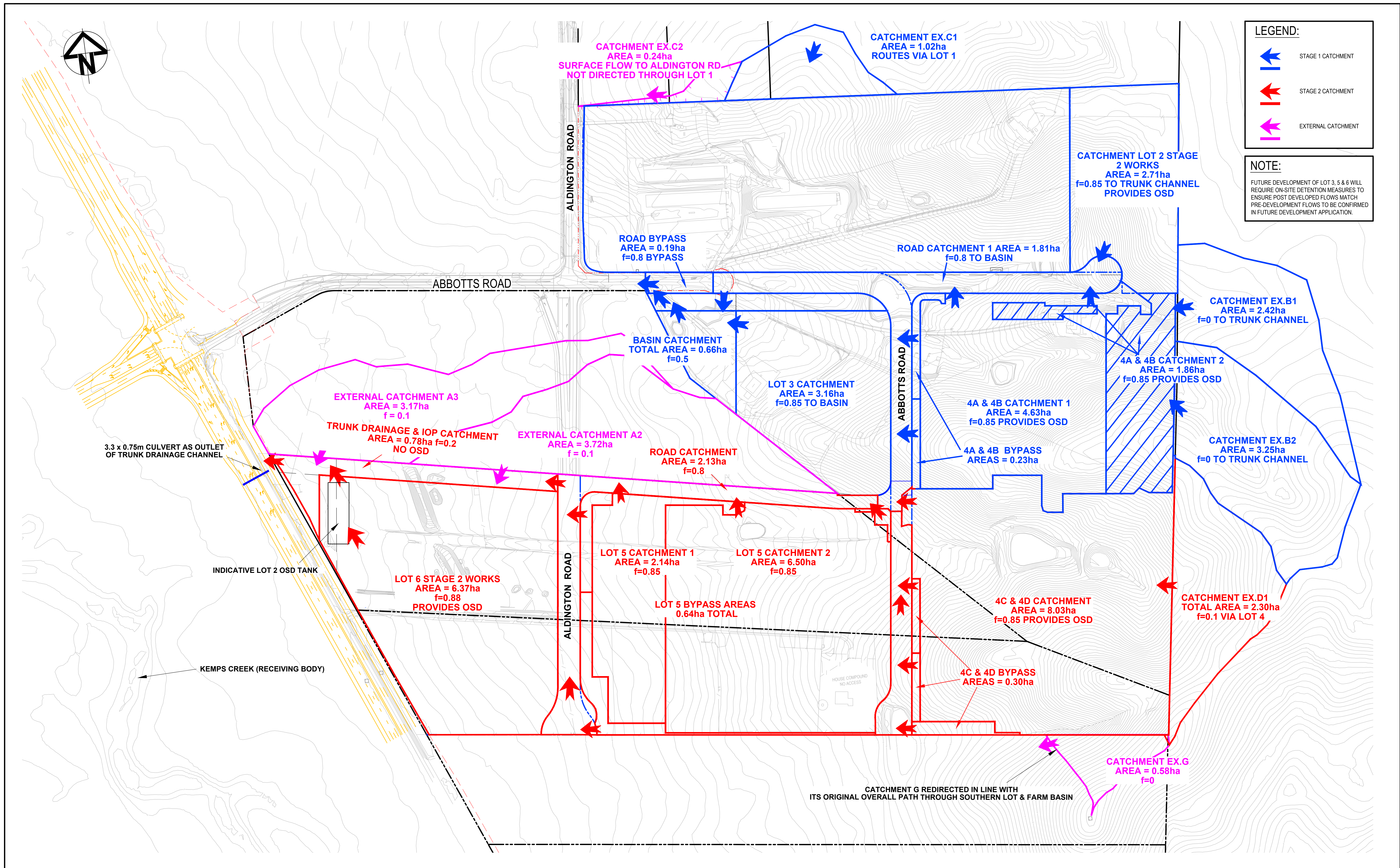
Status FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No. 20-748-C5065

Issue F

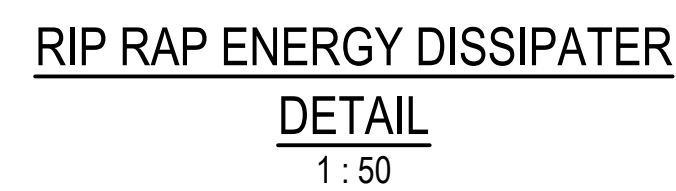
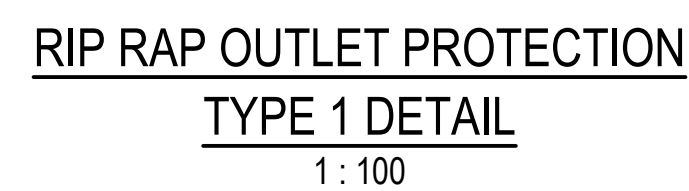
A1





		Bar Scales				Client		Scales		Drawn		Project		Civil Engineers and Project Managers	
								1 : 2000		JK		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK			
		1 : 2000 @ A1						MGA2020		LM				Level 7, 153 Walker Street North Sydney NSW 2060	
								AHD		AT				ABN 96 130 882 405	
								GDA2020		AT		Title		Tel: 02 9439 1777	
												STORMWATER DRAINAGE CATCHMENT PLAN ULTIMATE		Fax: 02 9923 1055	
														www.atl.net.au	
														info@atl.net.au	
														Status	
														FOR APPROVAL	
														NOT TO BE USED FOR CONSTRUCTION	
														Project - Drawing No.	
														20-748-C5066	
														Issue	
														A	





## ROCK GRADATION TABLE

**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 @ A3

0 0.5 1 1.5 2 2.5m  
1: 25 @ A1 1: 50 @ A3

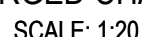
Client

The ESR logo features a stylized 3D cube icon to the left of the letters "ESR". The cube is composed of three visible faces: a light blue face on the left, a dark blue face on the top, and a red face on the right. The letters "ESR" are in a bold, black, sans-serif font.

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	STORMWATER DRAINAGE DETAILS SHEET 1

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 <a href="http://www.atl.net.au">www.atl.net.au</a> <a href="mailto:info@atl.net.au">info@atl.net.au</a>
Status <b>FOR APPROVAL</b> <b>NOT TO BE USED FOR CONSTRUCTION</b>	<b>A1</b>
Project - Drawing No. <b>20-748-C5071</b>	Issue <b>E</b>

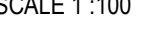
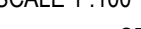
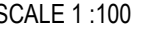




CHAMBER DEPTH EXCEEDING 2m IN HEIGHT WILL BE  
DESIGNED AND APPROVED BY STRUCTURAL ENGINEER



NOTE: STRUCTURAL DETAIL OF PITS TO BE CONFIRMED  
AT DETAILED DESIGN

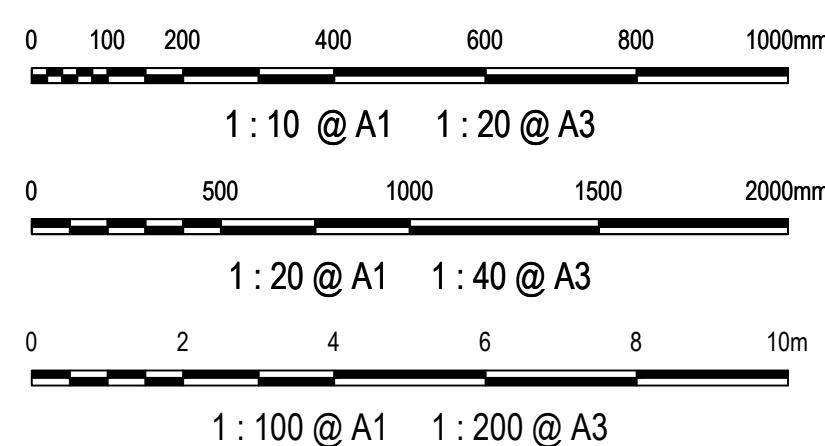



REFER PIT SETOUT PLANS  
FOR ENLARGED CHAMBERS

1. STANDARD GULLY PITS REFER TO PENRITH CITY COUNCIL STANDARD DRAWING SD2001 FOR DETAILS
2. FOR INLET SIZE REFER TO STORMWATER LONGITUDINAL SECTIONS ON DRAWING C4055 - C4059
3. FOR PIT CHAMBER SIZE REFER TO PIT SCHEDULE.
4. REINFORCING MESH IS TO BE BENT TO LAP 300 AROUND ALL CORNERS. VERTICAL BARS ARE NOT TO BE CUT. ALTERNATELY PROVIDE N12 "L" BARS (500x500) AT 400 VERTICAL CTS.
5. COMPRESSIVE STRENGTH (F<sub>c</sub>) FOR CAST IN SITU CONCRETE SHALL BE CONFIRMED BY CONTRACTOR AND STRUCTURAL ENGINEER
6. TOP OF BENCHING SHALL BE  $\frac{1}{2}$  OF OUTLET PIPE DIAMETER.
7. 100mm SUBSOIL DRAINAGE PIPE 3000 LONG WRAPPED IN FABRIC SOCK TO BE PROVIDED ADJACENT TO INLET PIPES.
8. ALL PITS SHALL BE PROVIDED WITH A LOCKING CLIP.
9. PIT GRATE TO BE "WELDLOK" GULLY GRATE GG 78-50 OR APPROVED EQUIVALENT.
10. DURING INSTALLATION OF GRATE AND FRAME CONTRACTOR IS TO ENSURE CLEARANCE BETWEEN INLET AND OPENED GRATE (REFER TO INSTALLATION TOLERANCE).
11. PROVIDE STEP IRONS AS INDICATED FOR PITS DEEPER THAN 1200.
12. CHAMBER DEPTH EXCEEDING 2m IN HEIGHT WILL BE DESIGNED AND APPROVED BY STRUCTURAL ENGINEER




## Bar Scales



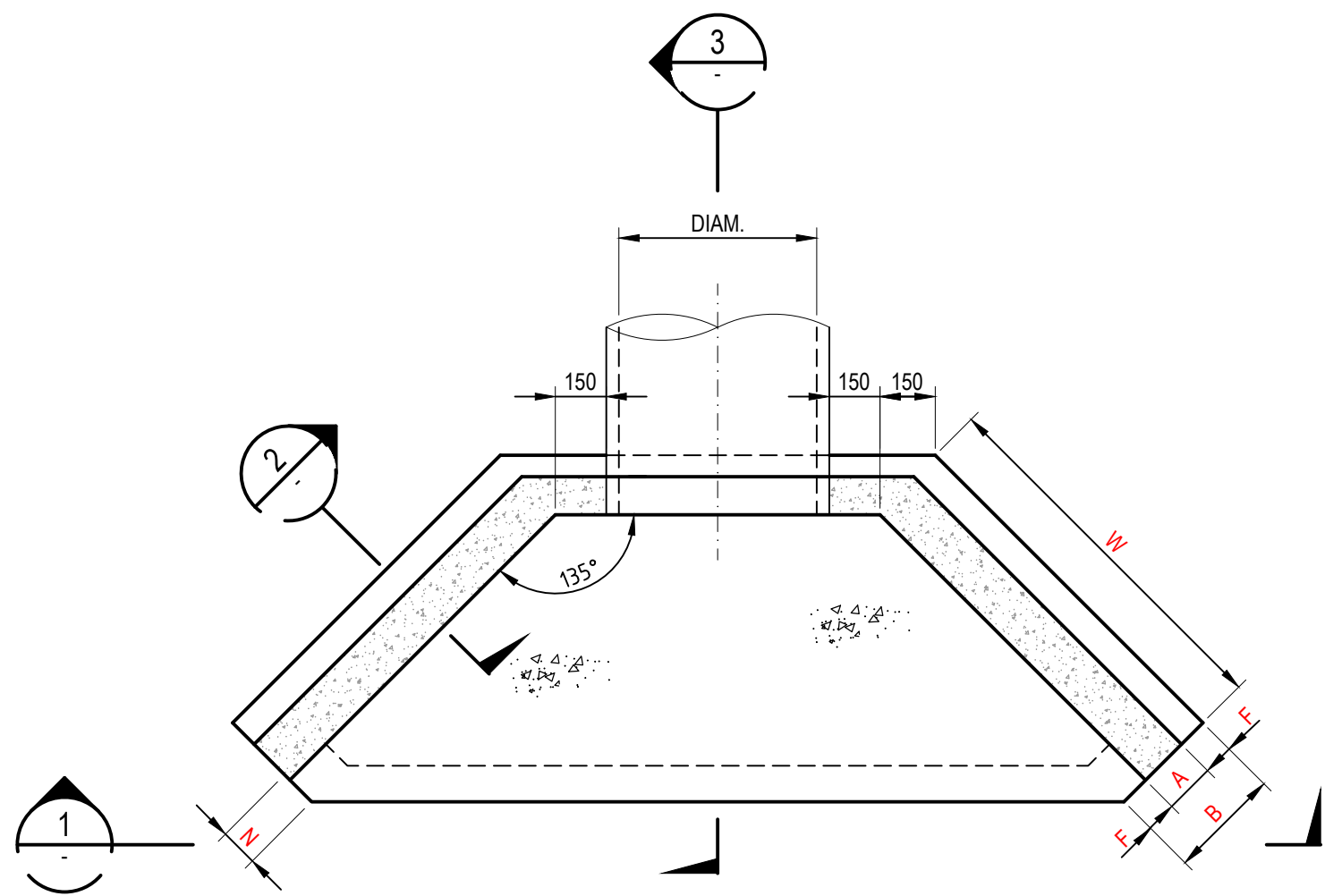
 **GDA2020**

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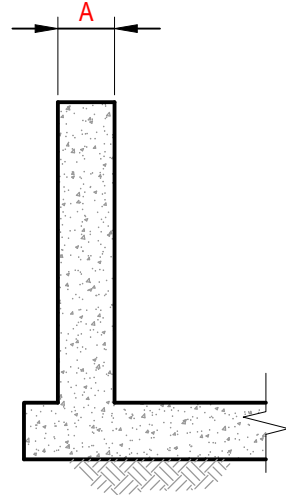
STORMWATER DRAINAGE  
DETAILS  
SHEET 2

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 <a href="http://www.atl.net.au">www.atl.net.au</a> <a href="mailto:info@atl.net.au">info@atl.net.au</a>
Status <b>FOR APPROVAL</b> <b><u>NOT TO BE USED FOR CONSTRUCTION</u></b>	<b>A1</b>
Project - Drawing No. 20-748-C5072	Issue E

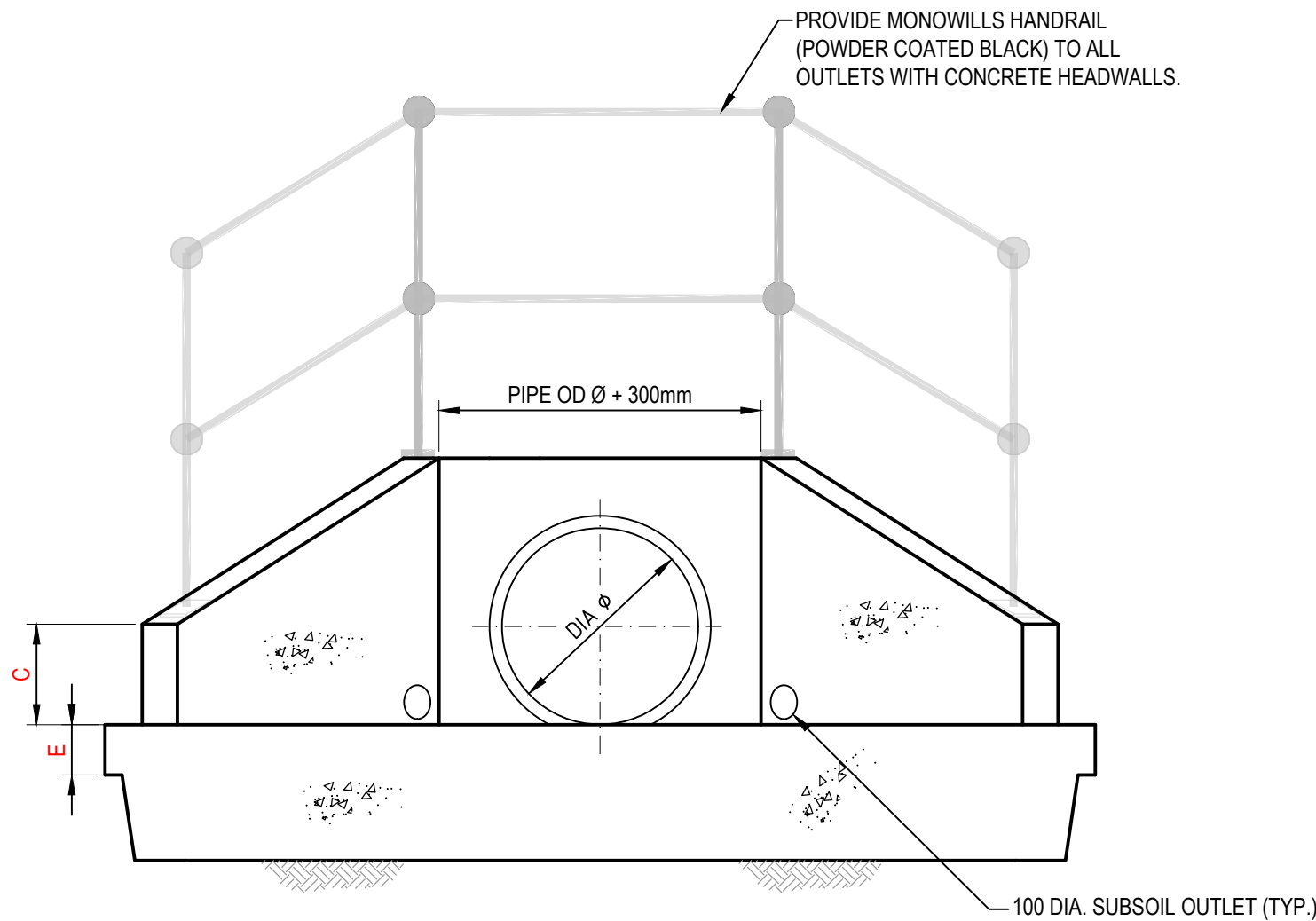




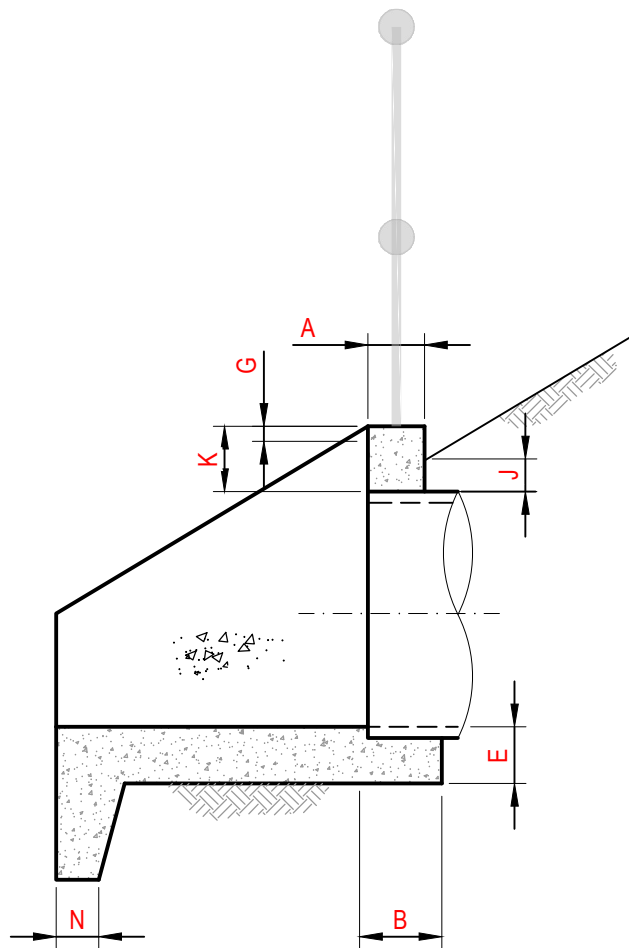
HEADWALL TYPE "A"  
PLAN



SECTION 2  
SCALE 1 : 20



SECTION 1  
SCALE 1 : 20



SECTION 3  
SCALE 1 : 20

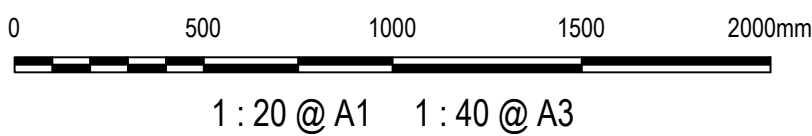
HEADWALL TYPE "A" - SINGLE PIPE

PIPE DIAMETER	300	375	450	525	600	675	750	825	900	1050	1200	1350	1500	1650	1800
A	150	150	150	175	175	175	200	200	225	225	225	250	250	250	250
B	300	300	300	375	375	375	450	450	525	525	525	550	550	550	550
C	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
K	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 (F<sub>c</sub>) 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

Issue	Description	Date
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22

Bar Scales



Client



Scales

AS SHOWN

Drawn

LM

Designed

LM

Grid

MGA2020

Checked

AT

Height

AHD

Approved

AT

Datum

GDA2020

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

Project

PROPOSED INDUSTRIAL  
DEVELOPMENT  
WESTLINK  
KEMPS CREEK

Title

STORMWATER DRAINAGE  
DETAILS  
SHEET 3

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

Status

FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.

20-748-C5073

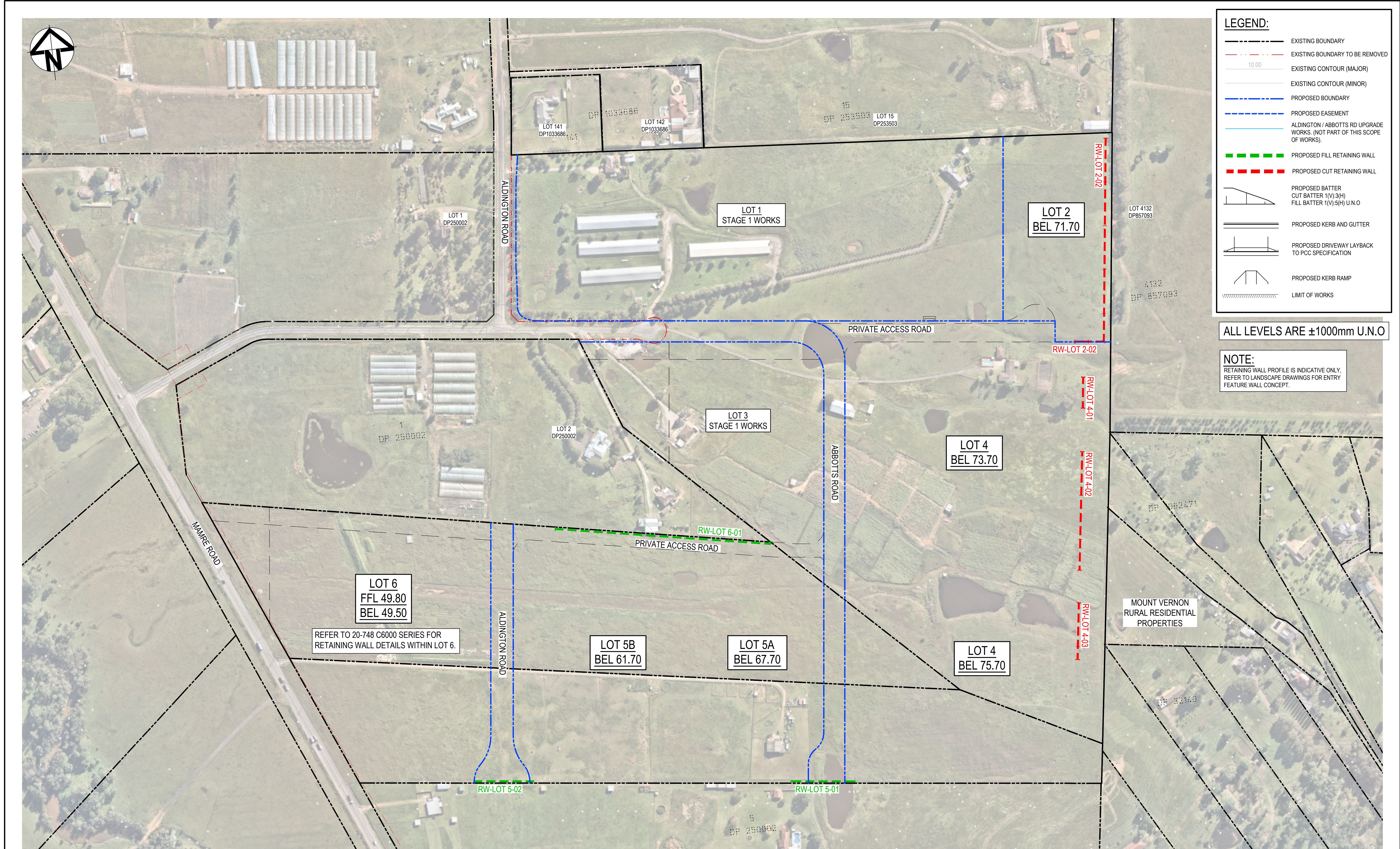
Issue

A1

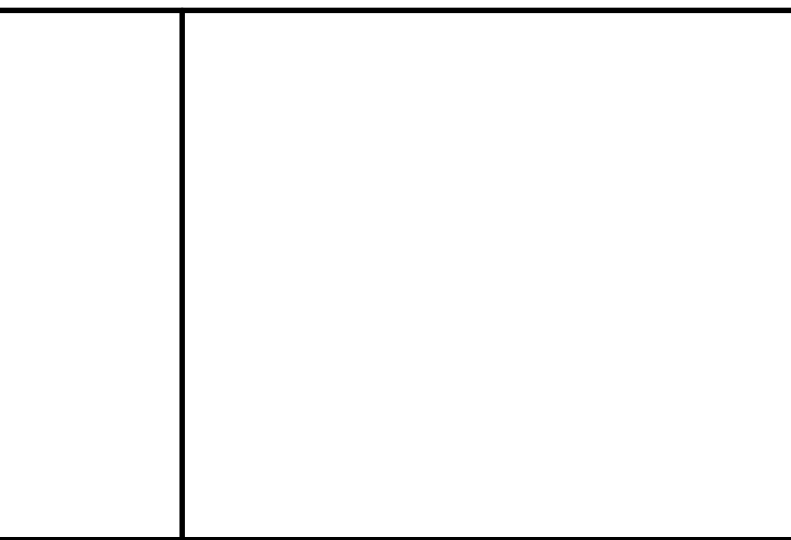
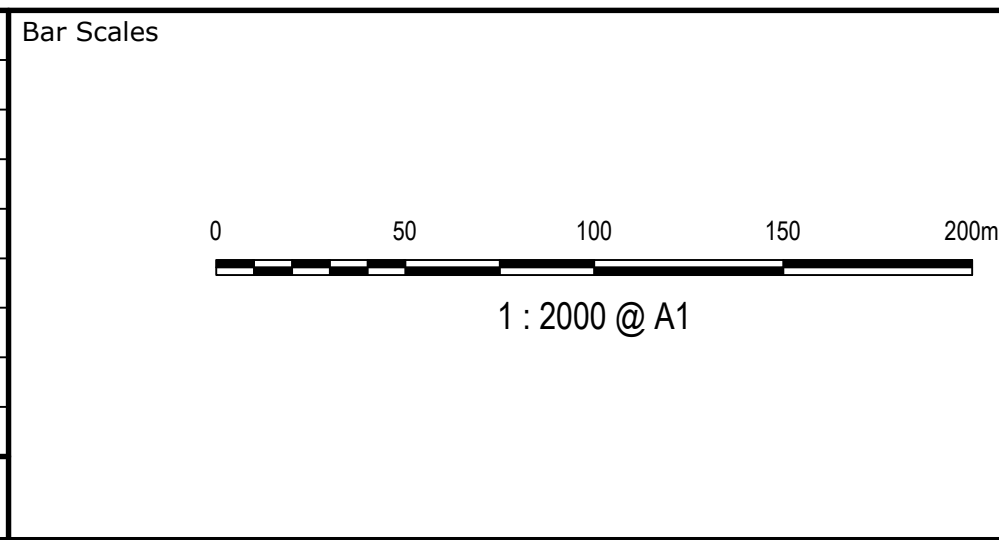
Issue

E





Issue	Description	Date
F	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
E	ISSUED FOR DEVELOPMENT APPLICATION	11-10-23
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



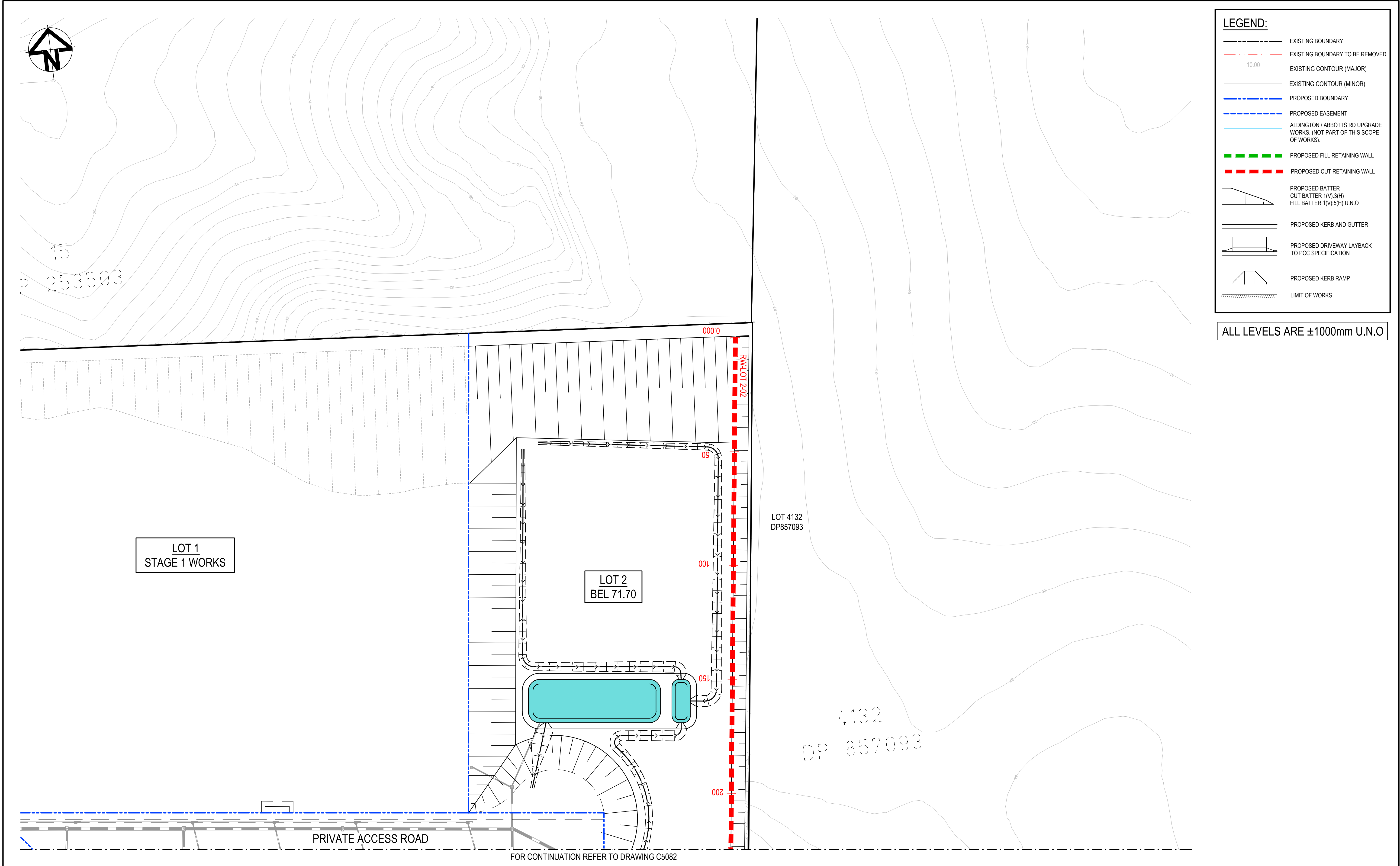
Client	ESR
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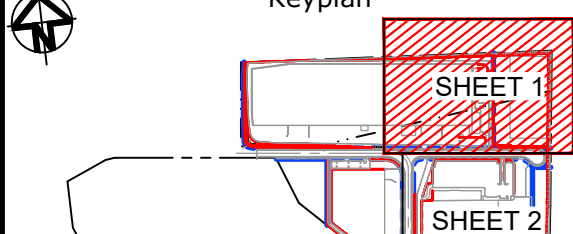




Scales	1 : 2000	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
GDA2020			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	RETAINING WALL GENERAL ARRANGEMENT PLAN

Civil Engineers and Project Managers		
at&l		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5080	Issue F



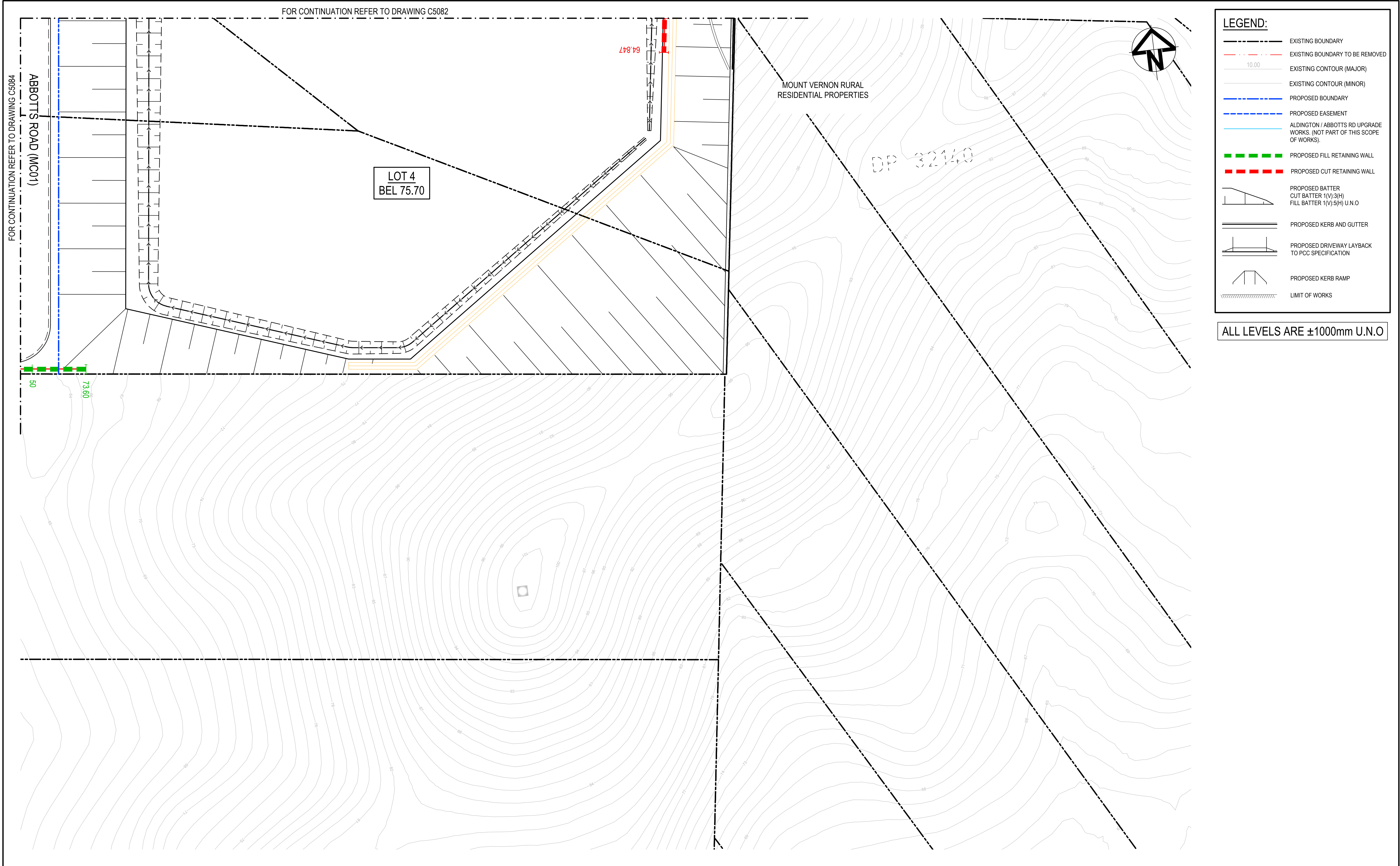



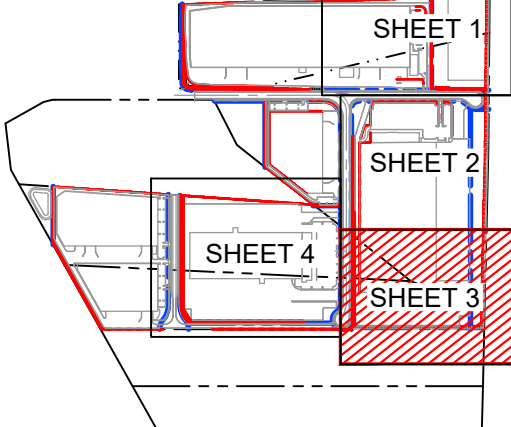



			Bar Scales		 	Client 	Scales 1 : 750		Drawn LM		Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers  Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
			 1 : 750 @ A1 1 : 1500 @ A3				Grid MGA2020		Designed LM			Title RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 1	
					 THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L		Height Datum		Checked AT				Issue E
							AHD		Approved AT				
E	ISSUED FOR DEVELOPMENT APPLICATION		24-01-25										
D	ISSUED FOR DEVELOPMENT APPLICATION		27-09-23										
C	ISSUED FOR DEVELOPMENT APPLICATION		12-09-23										
B	ISSUED FOR DEVELOPMENT APPLICATION		23-02-23										
A	ISSUED FOR DEVELOPMENT APPLICATION		25-10-22										
Issue	Description		Date										



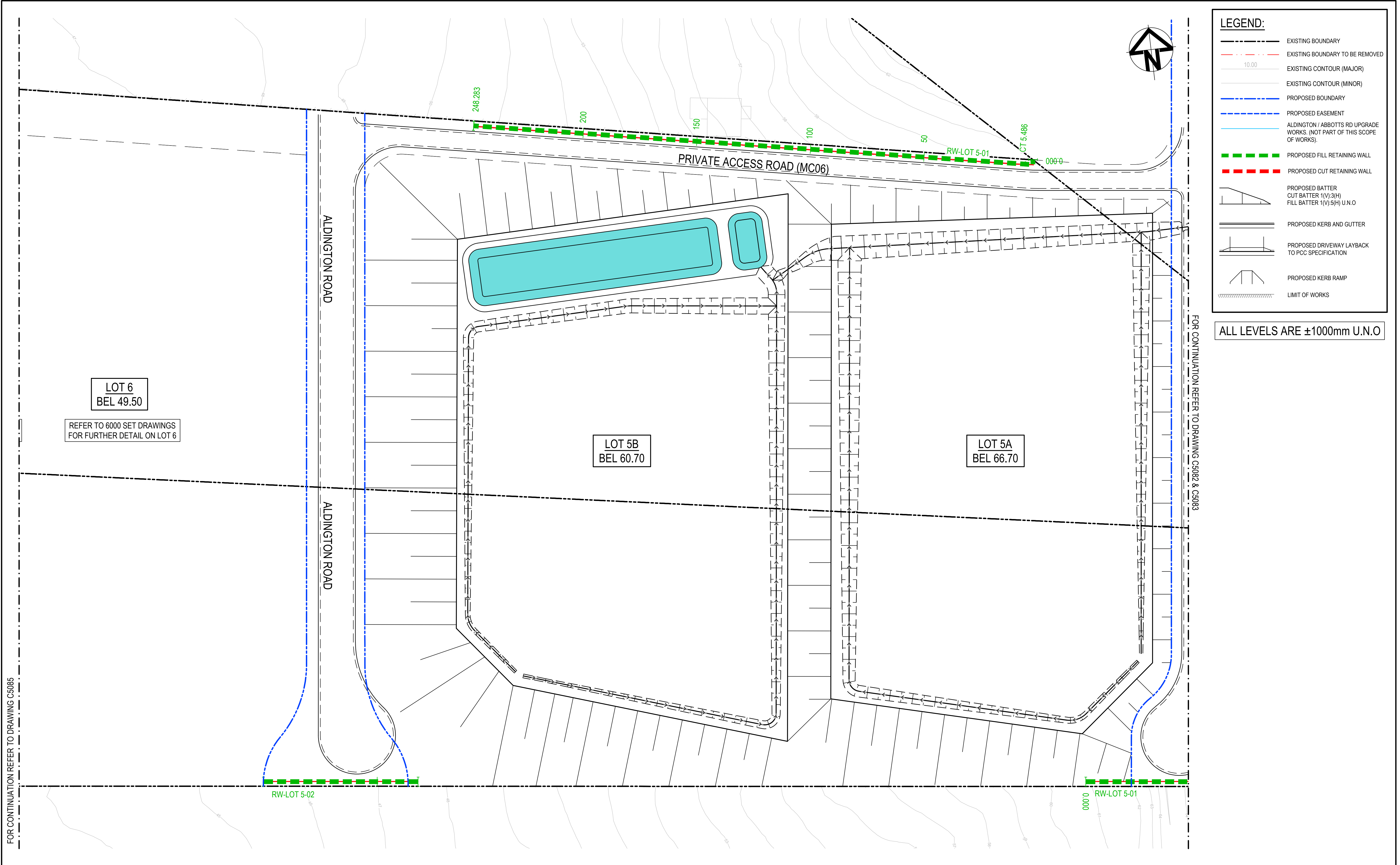






			Bar Scales		 Keyplan 	Client 	Scales 1 : 750		Drawn LM	Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers  Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au				
			 1 : 750 @ A1    1 : 1500 @ A3				Grid MGA2020	Designed LM	Checked AT		Title RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 3		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1	
E ISSUED FOR DEVELOPMENT APPLICATION			13-01-25		 100mm on Original	THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L	Height Datum AHD		Approved AT	Project - Drawing No. 20-748-C5083	Issue E				
D ISSUED FOR DEVELOPMENT APPLICATION			27-09-23												
C ISSUED FOR DEVELOPMENT APPLICATION			12-09-23												
B ISSUED FOR DEVELOPMENT APPLICATION			23-02-23												
A ISSUED FOR DEVELOPMENT APPLICATION			25-10-22												
Issue	Description	Date													





**LEGEND:**

EXISTING BOUNDARY

EXISTING BOUNDARY TO BE REMOVED

10.00

EXISTING CONTOUR (MAJOR)

EXISTING CONTOUR (MINOR)

PROPOSED BOUNDARY

PROPOSED EASEMENT

ALDINGTON / ABBOTTS RD UPGRADE WORKS. (NOT PART OF THIS SCOPE OF WORKS).

PROPOSED FILL RETAINING WALL

PROPOSED CUT RETAINING WALL

PROPOSED BATTER  
CUT BATTER 1(V):3(H)  
FILL BATTER 1(V):5(H) U.N.O

PROPOSED KERB AND GUTTER

PROPOSED DRIVEWAY LAYBACK TO PCC SPECIFICATION

PROPOSED KERB RAMP

LIMIT OF WORKS

ALL LEVELS ARE ±1000mm U.N.O

FOR CONTINUATION REFER TO DRAWING C5085

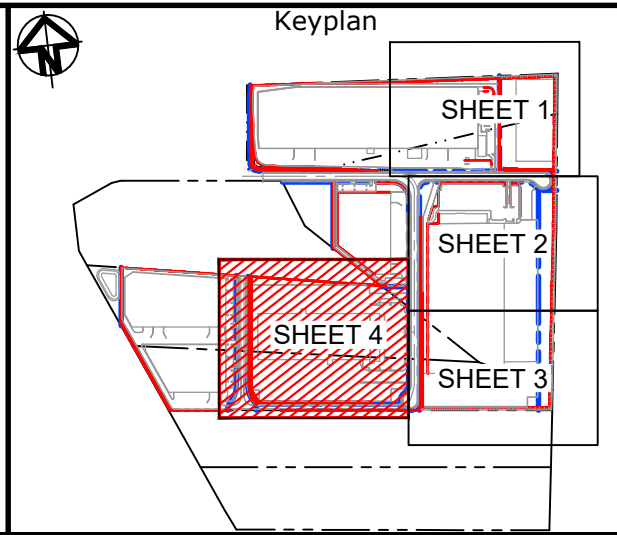
FOR CONTINUATION REFER TO DRAWING C5082 & C5083

Issue	Description	Date
G	ISSUED FOR DEVELOPMENT APPLICATION	03-02-25
F	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
E	ISSUED FOR DEVELOPMENT APPLICATION	11-10-23
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22

Bar Scales

01530456075m

1 : 750 @ A1    1 : 1500 @ A3



Client

Scales1 : 750

GridMGA2020

Height DatumAHD

DrawnLM

DesignedLM

CheckedAT

ApprovedAT

GDA2020

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Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 4

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

Status

FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.

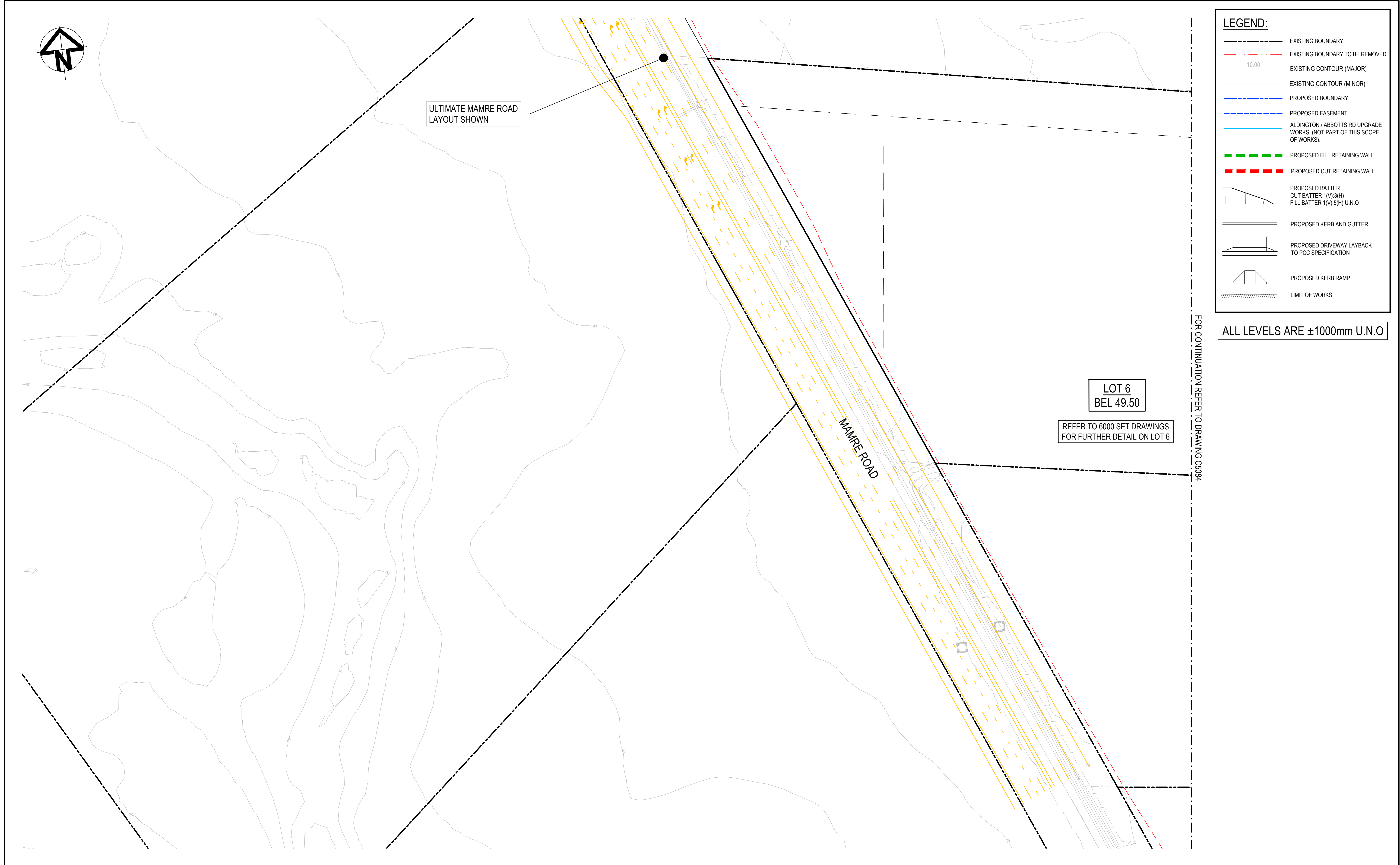
20-748-C5084

Issue

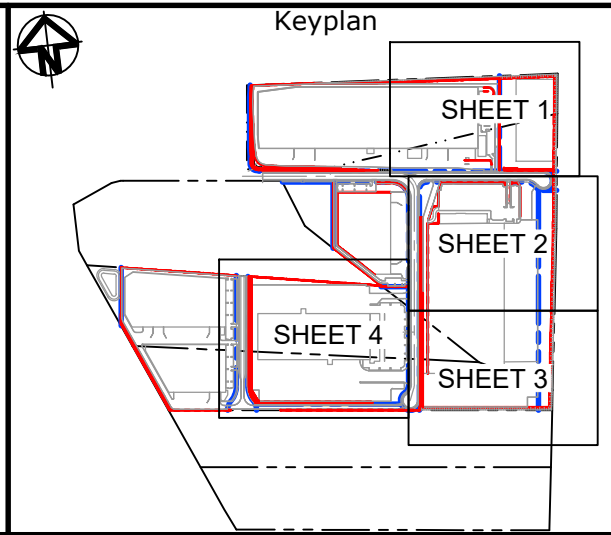
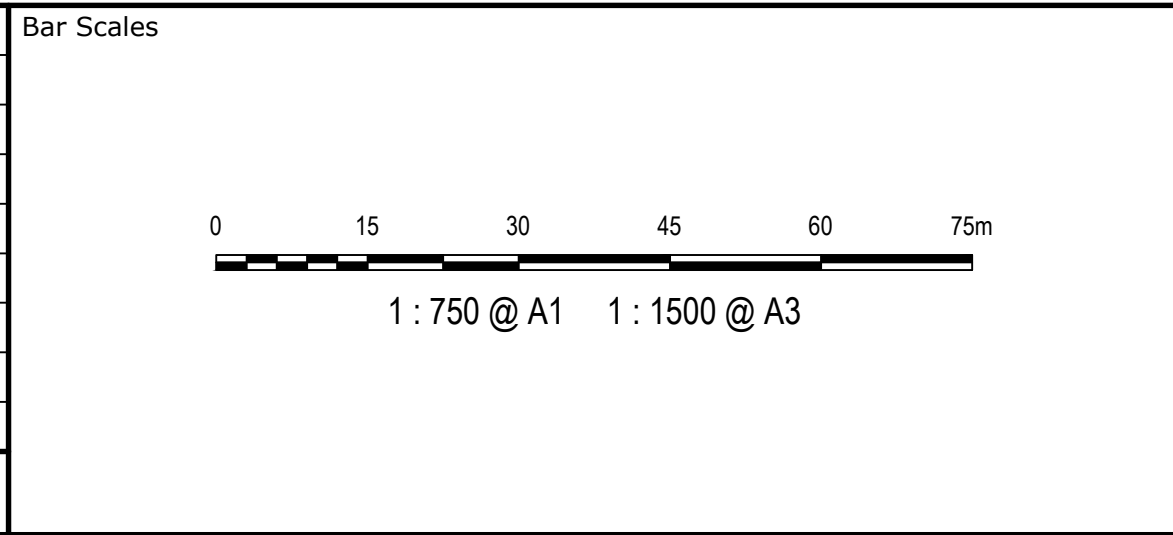
G

A1





E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date



Client

Scales	1 : 750	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 5

Civil Engineers and Project Managers

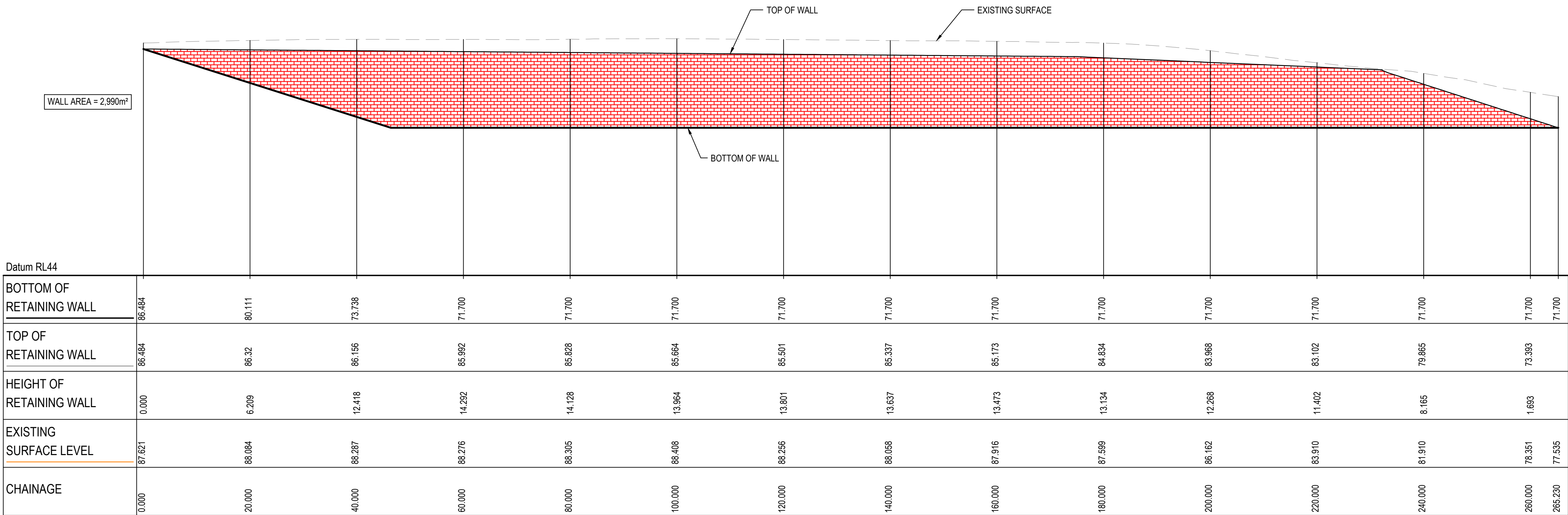
Level 7, 153 Walker Street  
North Sydney NSW 2060  
ABN 96 130 882 405  
Tel: 02 9439 1777  
Fax: 02 9923 1055  
www.atl.net.au  
info@atl.net.au

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5085	Issue E



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 2-02) PROFILE  
SCALE 1:500 HORI.  
1:500 VERT.


E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date


Bar Scales

01020304050m


1 : 500 @ A1    1 : 1000 @ A3

Client



Scales	1 : 500	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

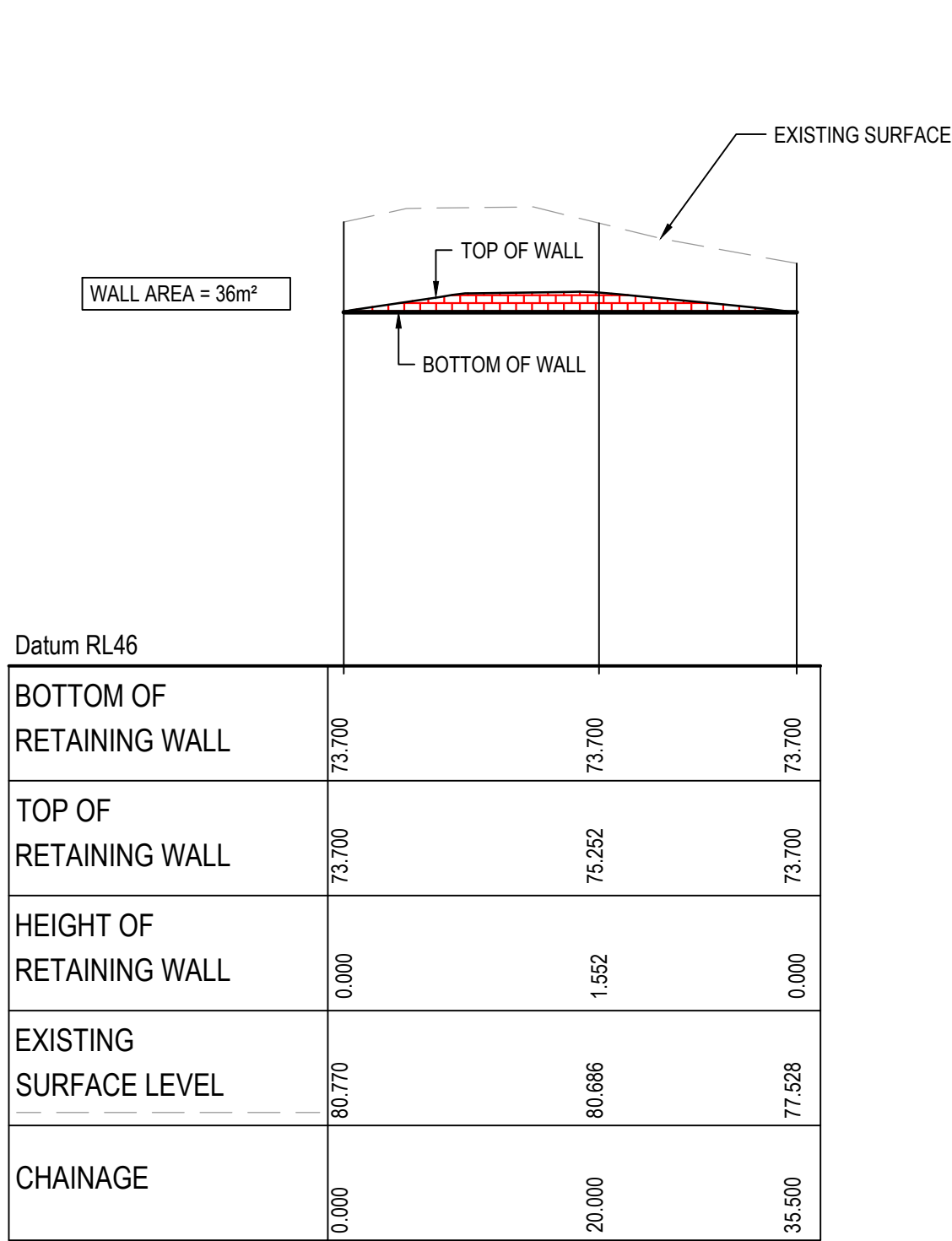
Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	RETAINING WALL PROFILES SHEET 1

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	
Status	FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION	
Project - Drawing No.	20-748-C5092
Issue	E



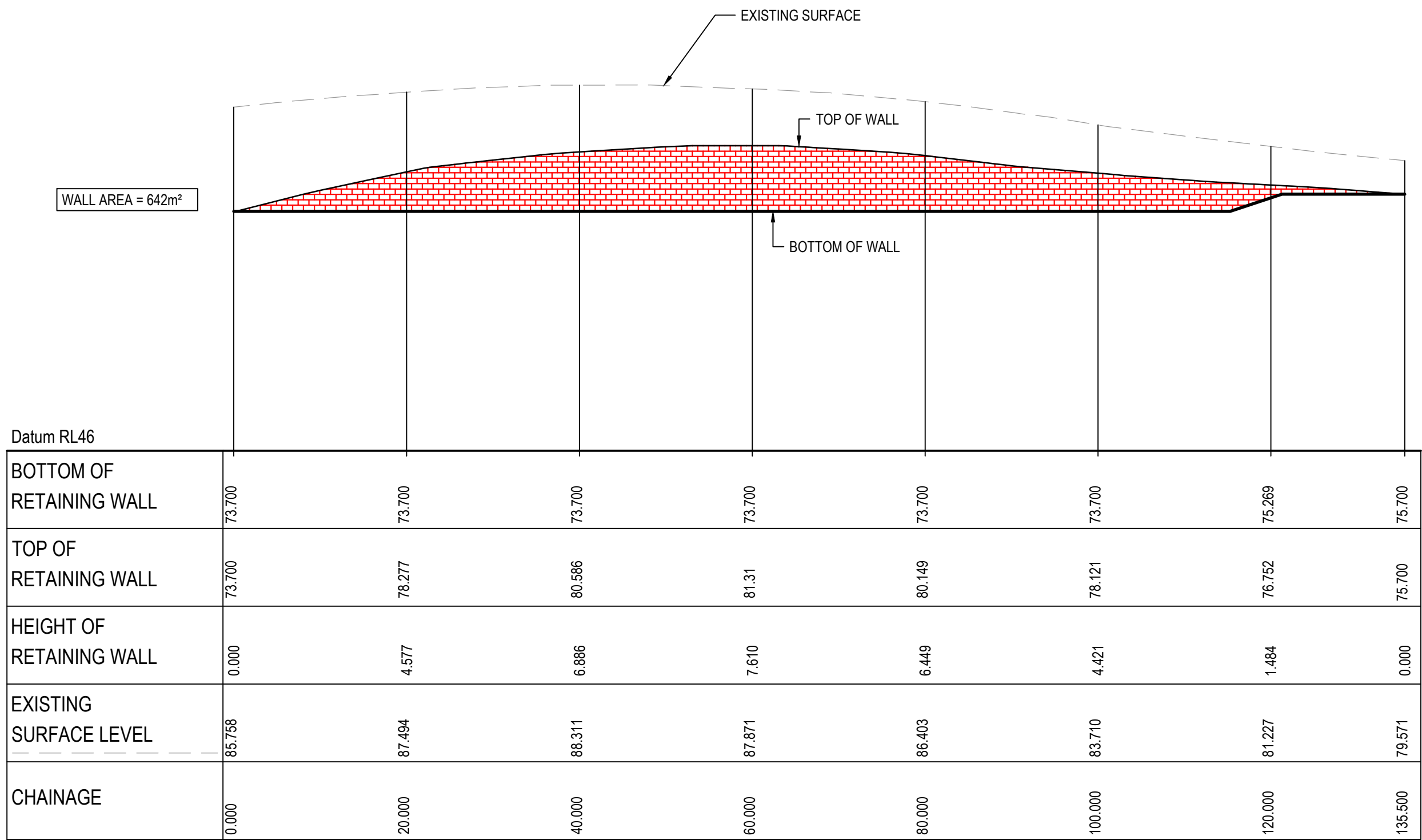
NOTES:  
ALL FINISHED LEVELS ARE ±1000mm U.N.O  
REFER TO DRG C5020 FOR TYPICAL WALL SECTIONS

NOTE:  
RETAINING WALL PROFILE IS INDICATIVE ONLY.  
REFER TO LANDSCAPE DRAWINGS FOR ENTRY  
FEATURE WALL CONCEPT.



RETAINING WALL (RW-LOT 4-01) PROFILE

SCALE 1:500 HORI.  
1:500 VERT.



RETAINING WALL (RW-LOT 4-02) PROFILE

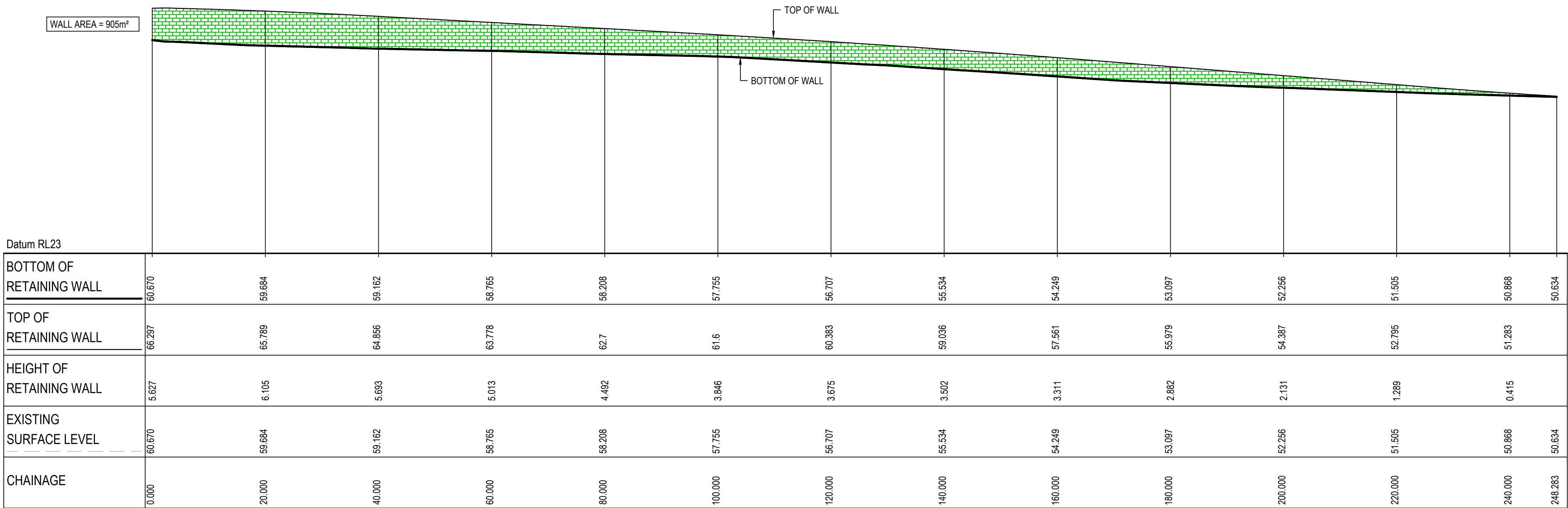
SCALE 1:500 HORI.  
1:500 VERT.

			Bar Scales				Client		<div><div></div><div>ESR</div></div>		<div><div>Scales</div><div>1 : 500</div></div> <div><div>Drawn</div><div>LM</div></div> <div><div>Designed</div><div>LM</div></div> <div><div>Grid</div><div>MGA2020</div></div> <div><div>Checked</div><div>AT</div></div> <div><div>Height Datum</div><div>AHD</div></div> <div><div>Approved</div><div>AT</div></div>		<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>		<div>Civil Engineers and Project Managers</div> <div><div>at&amp;l</div><div>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</div></div>	
			<div><div>01020304050m</div><div>1 : 500 @ A11 : 1000 @ A3</div></div>						<div><div></div><div>GDA2020</div></div> <div>THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&amp;L</div>		<div>Title</div> <div>RETAINING WALL PROFILES SHEET 2</div>		<div>Status</div> <div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div> <div>A1</div>			
											<div>Project - Drawing No.</div> <div>20-748-C5093</div>		<div>Issue</div> <div>E</div>			






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.

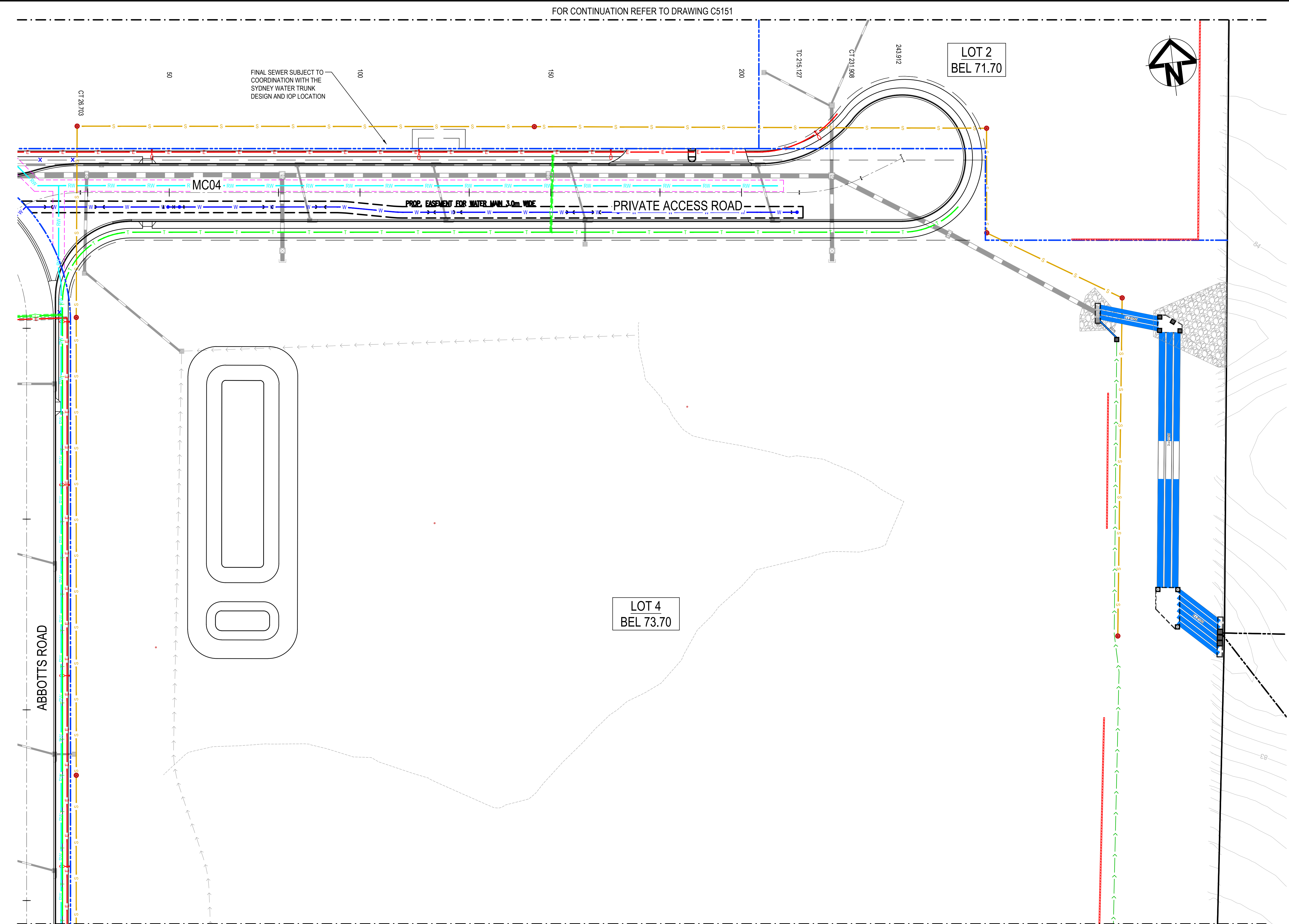


RETAINING WALL RW-LOT 5-01 BTM PROFILE

SCALE 1:500 HORI.  
1:500 VERT.

			Bar Scales		Client	<div>Scales</div> <div>1 : 500</div> <div>Grid</div> <div>MGA2020</div> <div>Height Datum</div> <div>AHD</div> <div><div></div><div>THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&amp;L</div></div>	<div>Drawn</div> <div>LM</div> <div>Designed</div> <div>LM</div> <div>Checked</div> <div>AT</div> <div>Approved</div> <div>AT</div> <div>Title</div> <div>RETAINING WALL PROFILES SHEET 3</div>	<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div> <div>Civil Engineers and Project Managers</div> <div><div></div><div>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</div></div> <div>Status</div> <div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div> <div>Project - Drawing No.</div> <div>20-748-C5094</div> <div>A1</div> <div>Issue</div> <div>E</div>			
			<div>01020304050m</div> <div>1 : 500 @ A1 1 : 1000 @ A3</div>		<div></div>						
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25									
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23									
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23									
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23									
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22									
Issue	Description	Date									





**LEGEND:**

**GENERAL**

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- ALDINGTON / ABBOTTS RD UPGRADE WORKS. REFER TO 500 SERIES DRG's.
- INDICATIVE POND LAYOUT
- PROPOSED RETAINING WALL

**UTILITIES - PROPOSED**

- SEWER SERVICE
- WATER MAIN
- RECYCLED WATER
- HV POWER
- LV POWER
- TELECOMMUNICATION CONDUITS
- STREET LIGHTING

**STORMWATER - PROPOSED**

- PROPOSED STORMWATER JUNCTION PIT
- PROPOSED STORMWATER SURFACE INLET PIT
- PROPOSED STORMWATER KERB INLET PIT WITH LINTEL
- PROPOSED STORMWATER PIPE WITH HEADWALL
- PROPOSED STORMWATER LINE
- PROPOSED UPSTREAM STORMWATER CATCHMENT DIVERSION LINE

**UTILITIES - EXISTING**

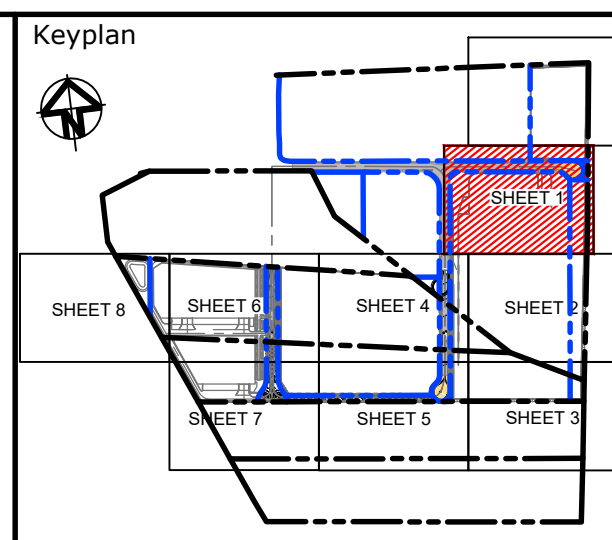
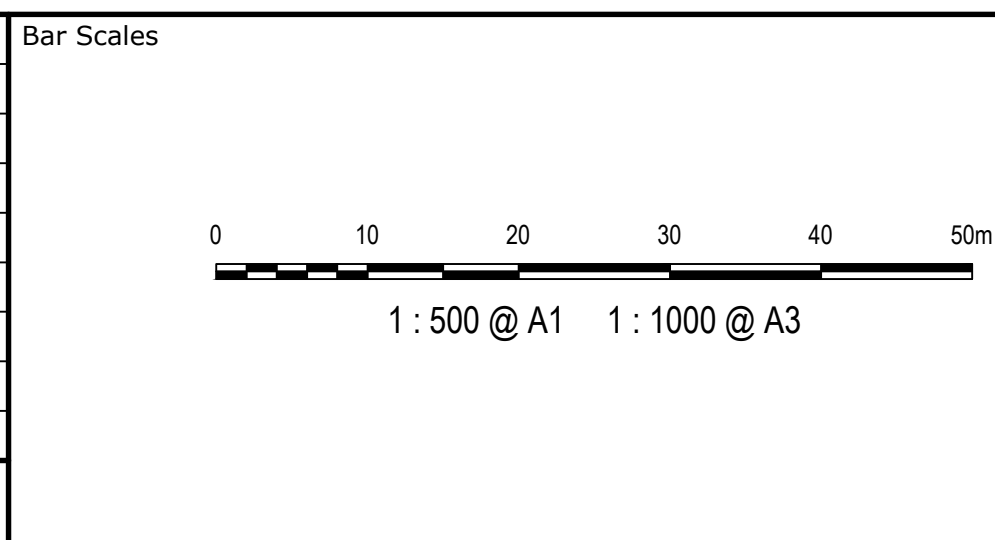
- ELECTRICITY LINE
- ELECTRICITY OVERHEAD
- WATER
- STORMWATER

**NOTE**

REFER TO TYPICAL ROAD SECTIONS ON DRG C5010 & C5011 FOR DIMENSIONS OF SERVICE ALLOCATIONS.

PROPOSED UTILITIES LOCATION INDICATIVE ONLY. T.B.C. AT DETAILED DESIGN.

Issue	Description	Date
F	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



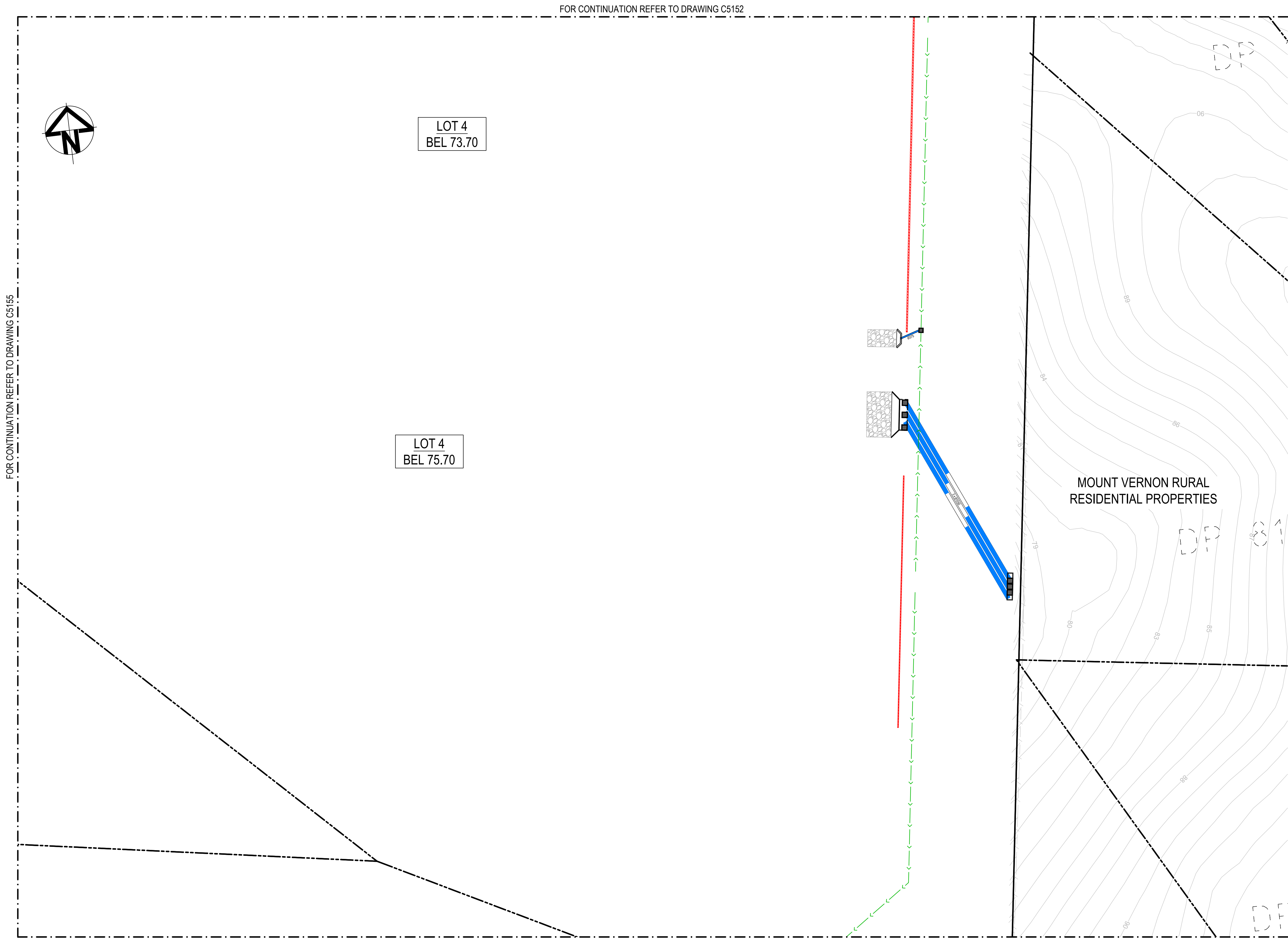
Scales	1 : 500	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
GDA2020			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	SERVICES AND UTILITIES COORDINATION PLAN SHEET 1

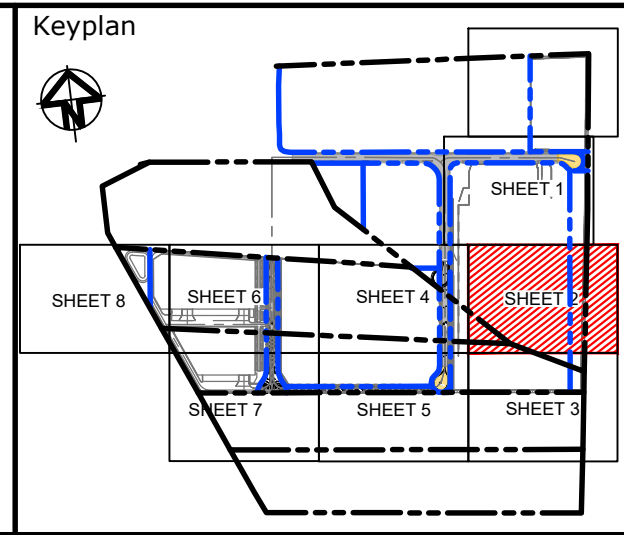
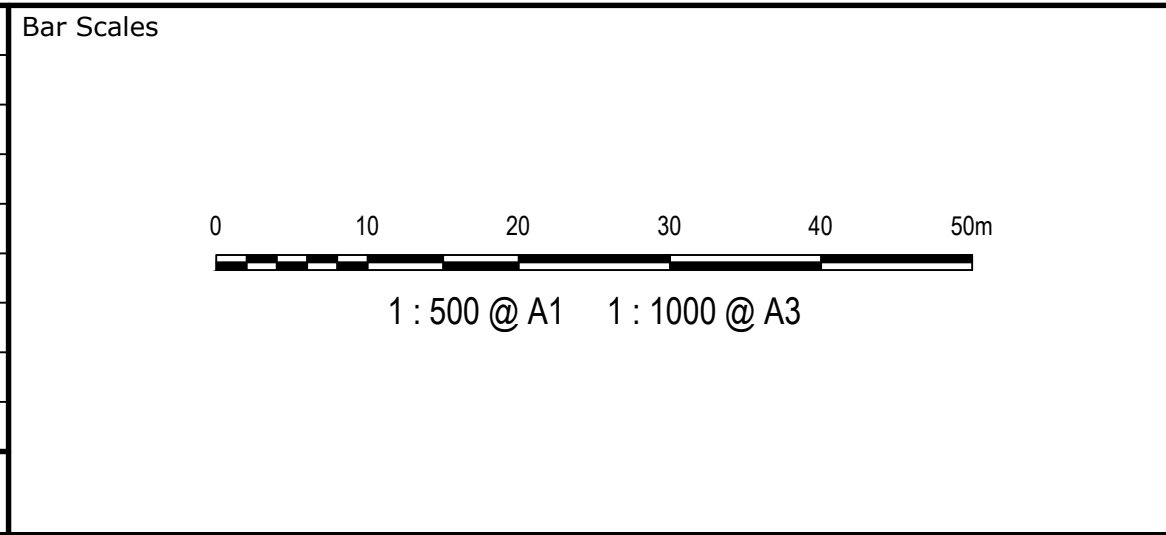
Civil Engineers and Project Managers		
at&l		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5152	Issue F



FOR CONTINUATION REFER TO DRAWING C5155



F	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date



Client

Scales	1 : 500	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

SERVICES AND UTILITIES COORDINATION PLAN SHEET 2

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

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5153	Issue F

**LEGEND:**

**GENERAL**

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- ALDINGTON / ABBOTTS RD UPGRADE WORKS. REFER TO 500 SERIES DRG's.
- INDICATIVE POND LAYOUT
- PROPOSED RETAINING WALL

**UTILITIES - PROPOSED**

- S SEWER SERVICE
- W WATER MAIN
- RW RECYCLED WATER
- E HV POWER
- LV LV POWER
- T TELECOMMUNICATION CONDUITS
- STREET LIGHTING

**STORMWATER - PROPOSED**

- PROPOSED STORMWATER JUNCTION PIT
- PROPOSED STORMWATER SURFACE INLET PIT
- PROPOSED STORMWATER KERB INLET PIT WITH LINTEL
- PROPOSED STORMWATER PIPE WITH HEADWALL
- PROPOSED STORMWATER LINE
- PROPOSED UPSTREAM STORMWATER CATCHMENT DIVERSION LINE

**UTILITIES - EXISTING**

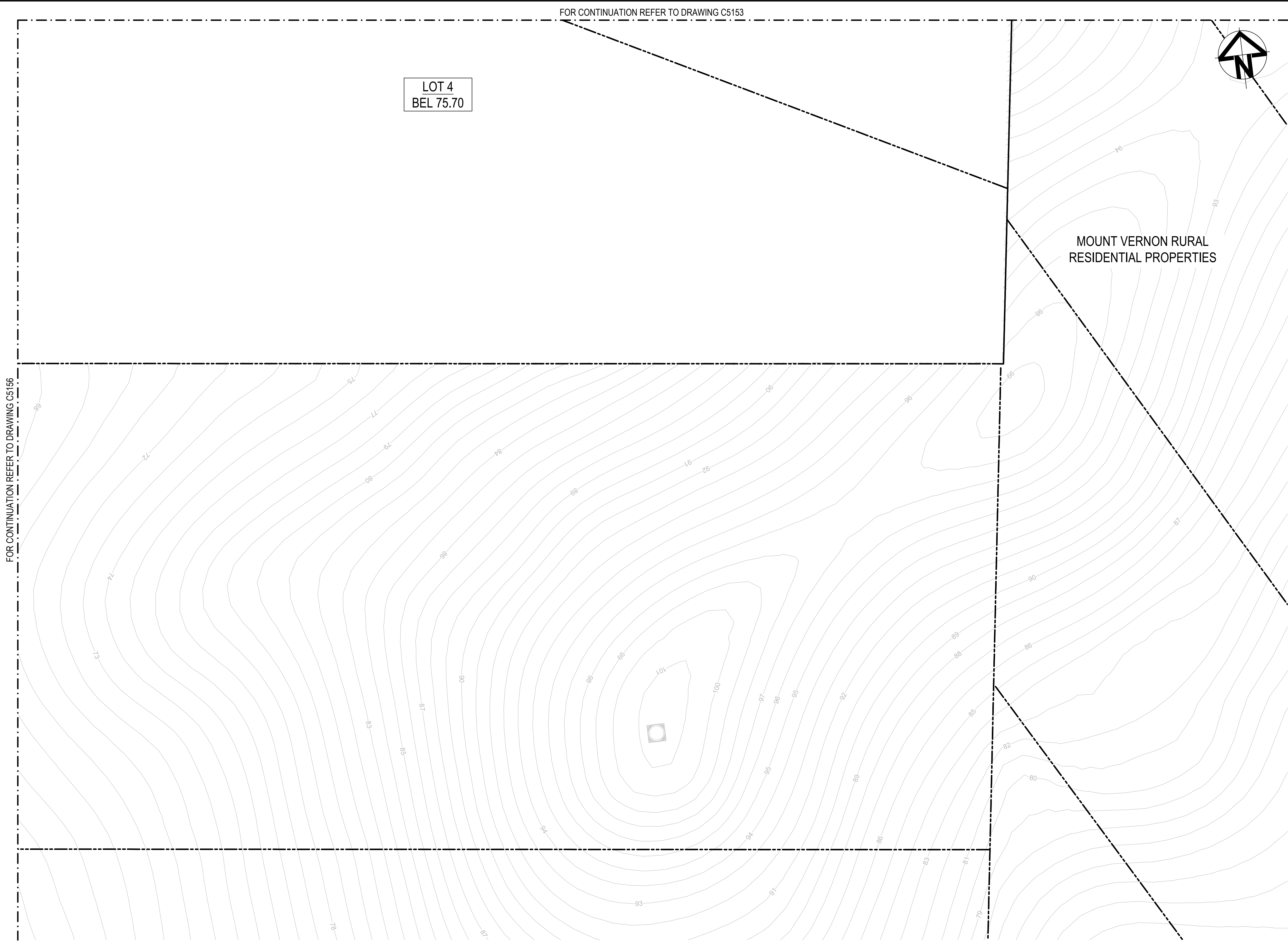
- ELECTRICITY LINE
- ELECTRICITY OVERHEAD
- WATER
- STORMWATER

**NOTE**

REFER TO TYPICAL ROAD SECTIONS ON DRG C5010 & C5011 FOR DIMENSIONS OF SERVICE ALLOCATIONS.

PROPOSED UTILITIES LOCATION INDICATIVE ONLY. T.B.C. AT DETAILED DESIGN.





LEGEND:

GENERAL

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- ALDINGTON / ABBOTTS RD UPGRADE WORKS. REFER TO 500 SERIES DRG's.
- INDICATIVE POND LAYOUT
- PROPOSED RETAINING WALL

UTILITIES - PROPOSED

- SEWER SERVICE
- WATER MAIN
- RECYCLED WATER
- HV POWER
- LV POWER
- TELECOMMUNICATION CONDUITS
- STREET LIGHTING

STORMWATER - PROPOSED

- PROPOSED STORMWATER JUNCTION PIT
- PROPOSED STORMWATER SURFACE INLET PIT
- PROPOSED STORMWATER KERB INLET PIT WITH LINTEL
- PROPOSED STORMWATER PIPE WITH HEADWALL
- PROPOSED STORMWATER LINE
- PROPOSED UPSTREAM STORMWATER CATCHMENT DIVERSION LINE

UTILITIES - EXISTING

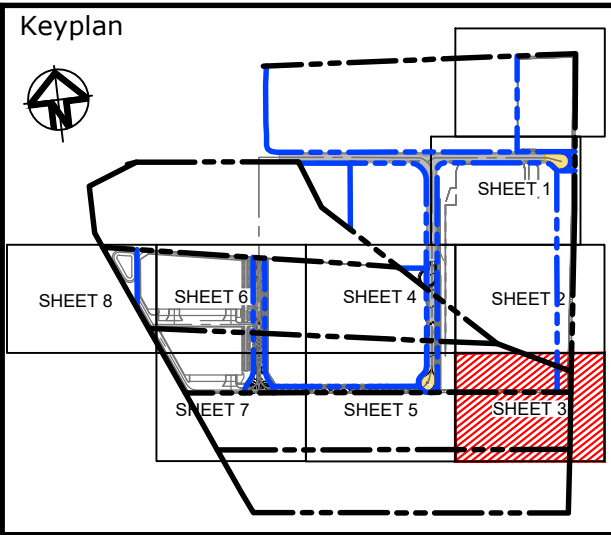
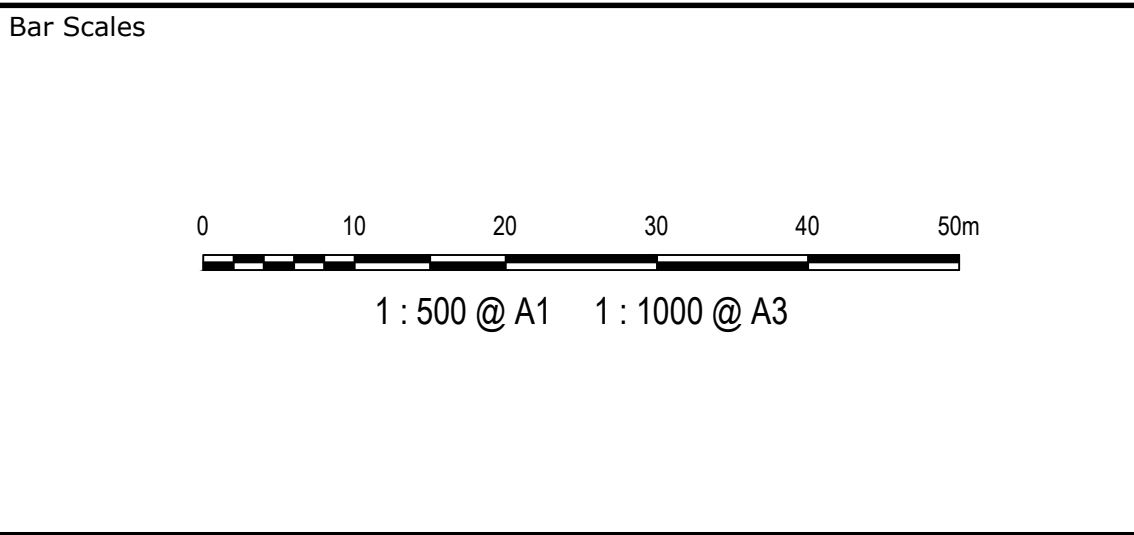
- ELECTRICITY LINE
- ELECTRICITY OVERHEAD
- WATER
- STORMWATER

NOTE

REFER TO TYPICAL ROAD SECTIONS ON DRG C5010 & C5011 FOR DIMENSIONS OF SERVICE ALLOCATIONS.

PROPOSED UTILITIES LOCATION INDICATIVE ONLY. T.B.C. AT DETAILED DESIGN.

Issue	Description	Date
F	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



Scales	1 : 500	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
GDA2020			
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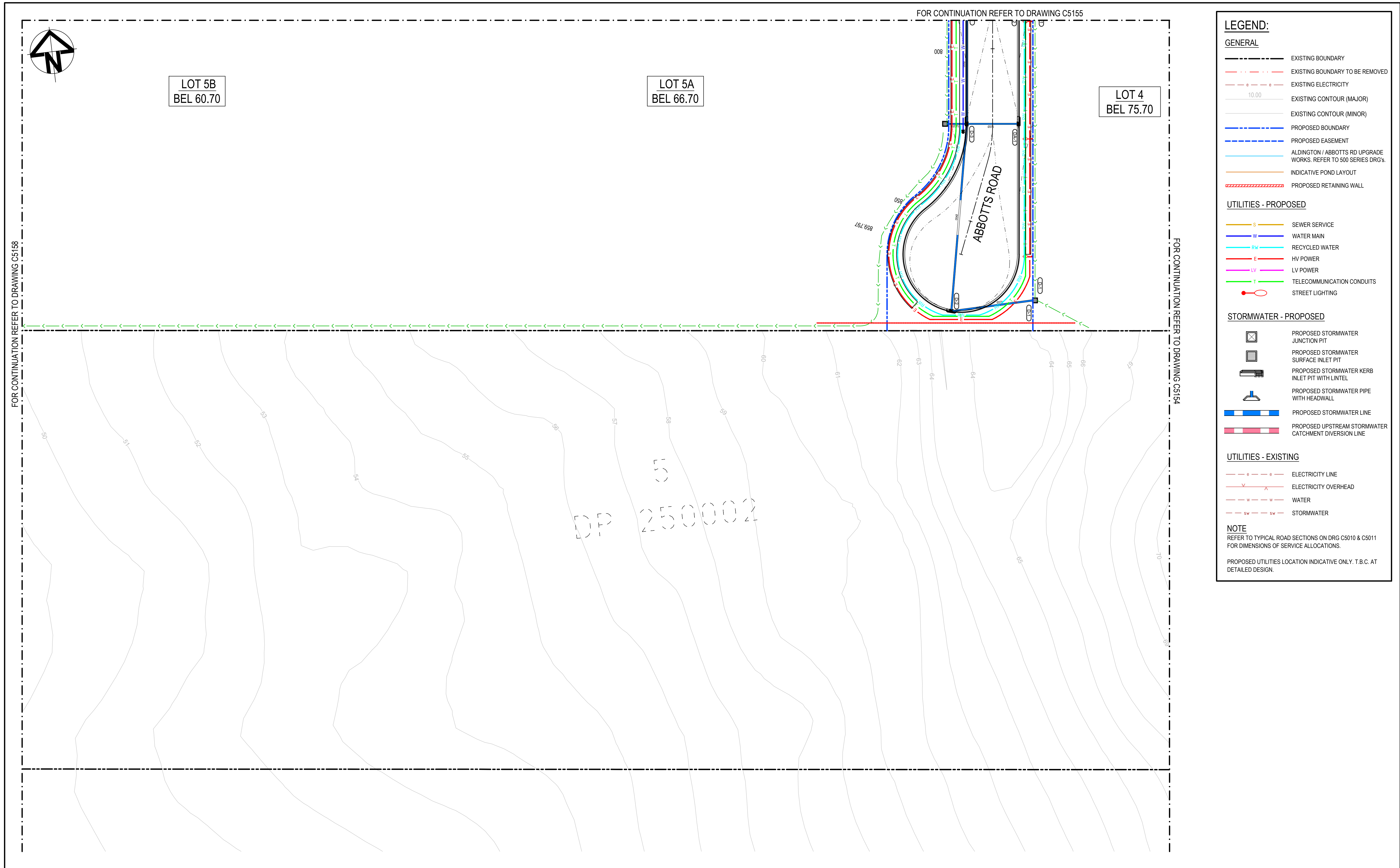
Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	SERVICES AND UTILITIES COORDINATION PLAN SHEET 3

Civil Engineers and Project Managers		
at&l		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5154	Issue F



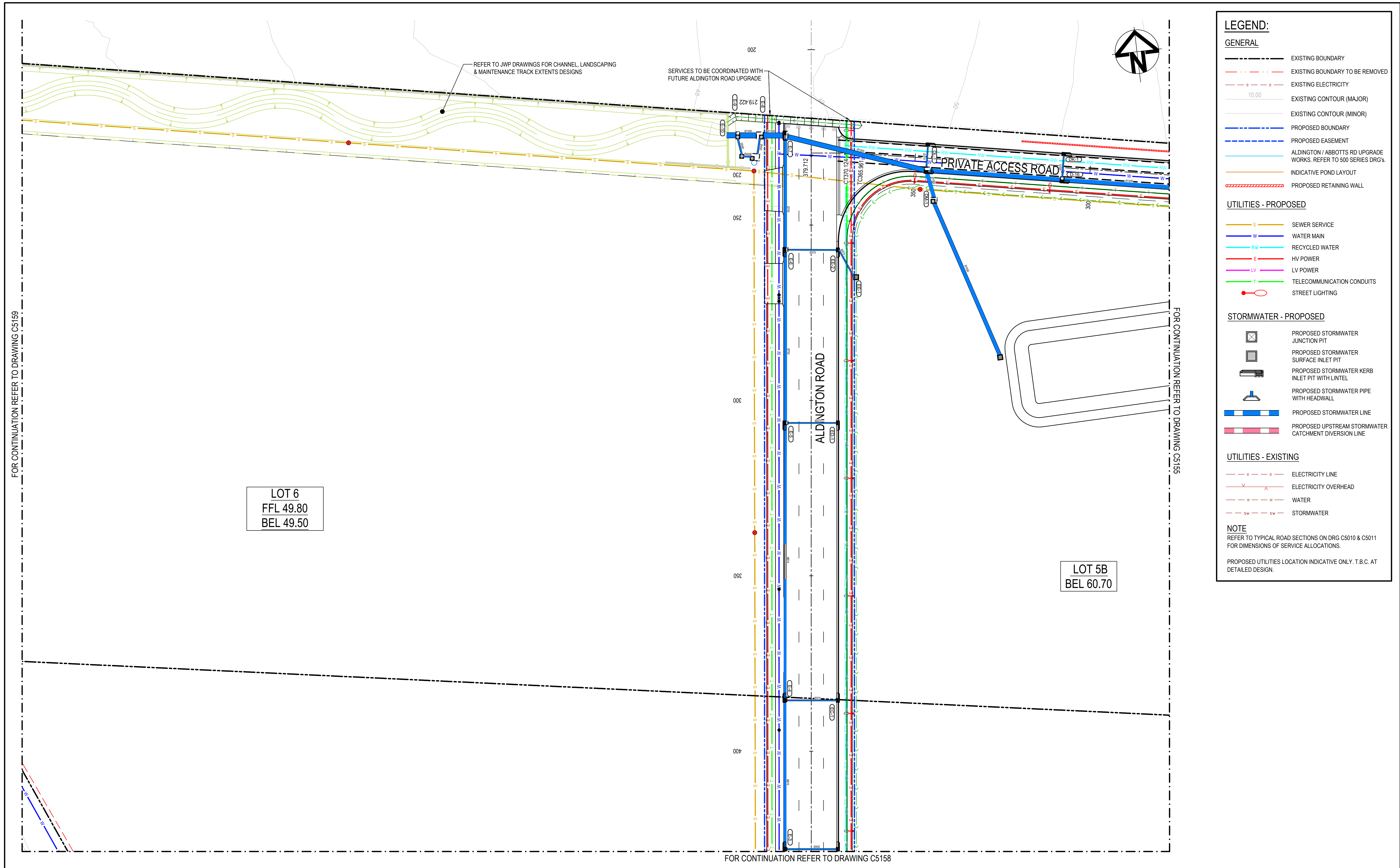






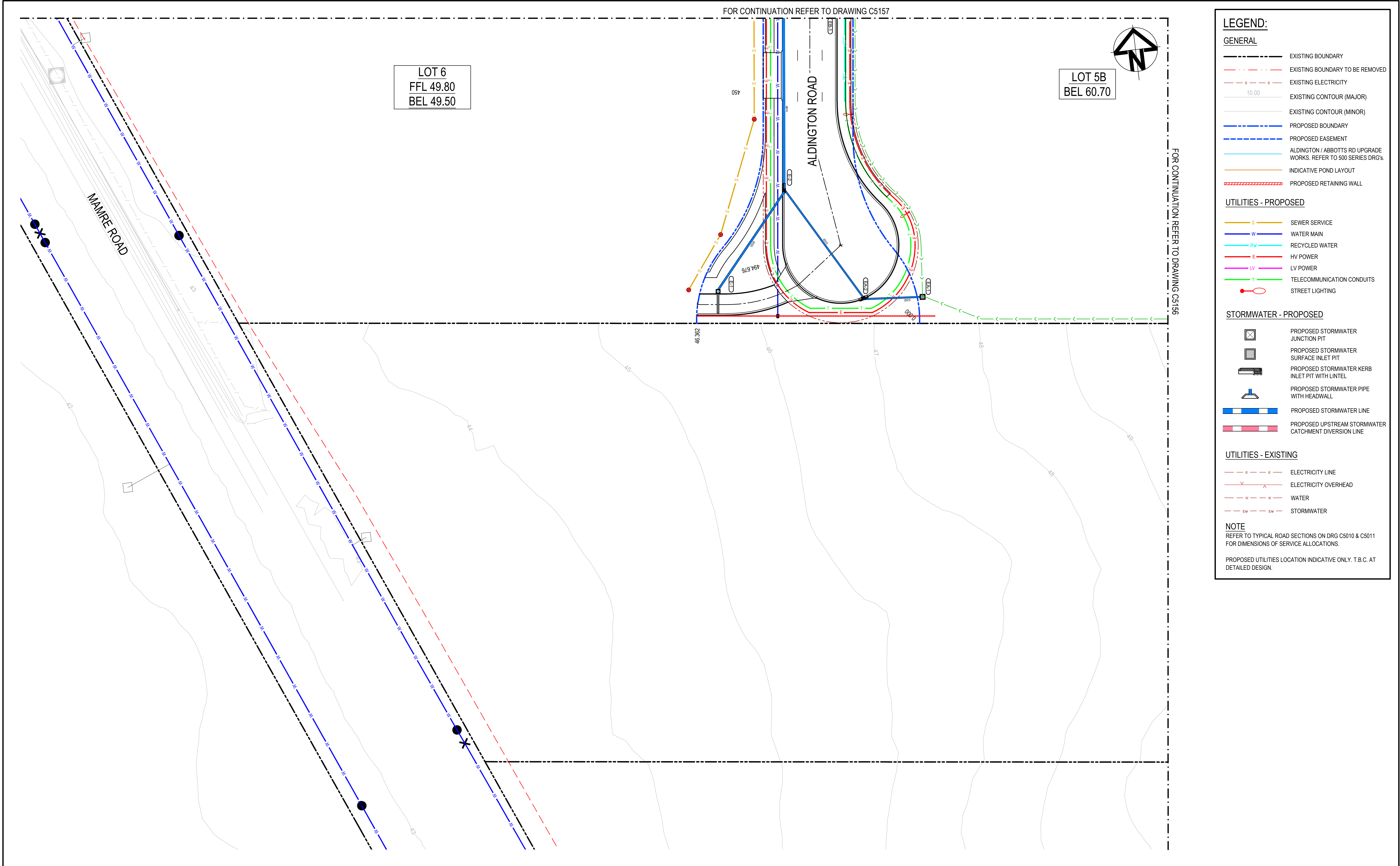
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0 10 20 30 40 50m			1 : 500 @ A1 1 : 1000 @ A3		ESR		1 : 500		LM		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		at&l	
F ISSUED FOR DEVELOPMENT APPLICATION 24-01-25			SHEET 8 SHEET 9 SHEET 4 SHEET 2				Grid MGA2020		Designed LM				Level 7, 153 Walker Street North Sydney NSW 2060	
E ISSUED FOR DEVELOPMENT APPLICATION 15-08-24			SHEET 7 SHEET 1 SHEET 3				Height Datum AHD		Checked AT				ABN 96 130 882 405	
D ISSUED FOR DEVELOPMENT APPLICATION 27-09-23									Approved AT				Tel: 02 9439 1777	
C ISSUED FOR DEVELOPMENT APPLICATION 12-09-23													Fax: 02 9923 1055	
B ISSUED FOR DEVELOPMENT APPLICATION 23-02-23													www.atl.net.au	
A ISSUED FOR DEVELOPMENT APPLICATION 25-10-22													info@atl.net.au	
Issue Description Date											Title		Status	
											SERVICES AND UTILITIES COORDINATION PLAN SHEET 5		FOR APPROVAL	
													NOT TO BE USED FOR CONSTRUCTION	
													Project - Drawing No.	
													20-748-C5156	
													Issue	
													F	





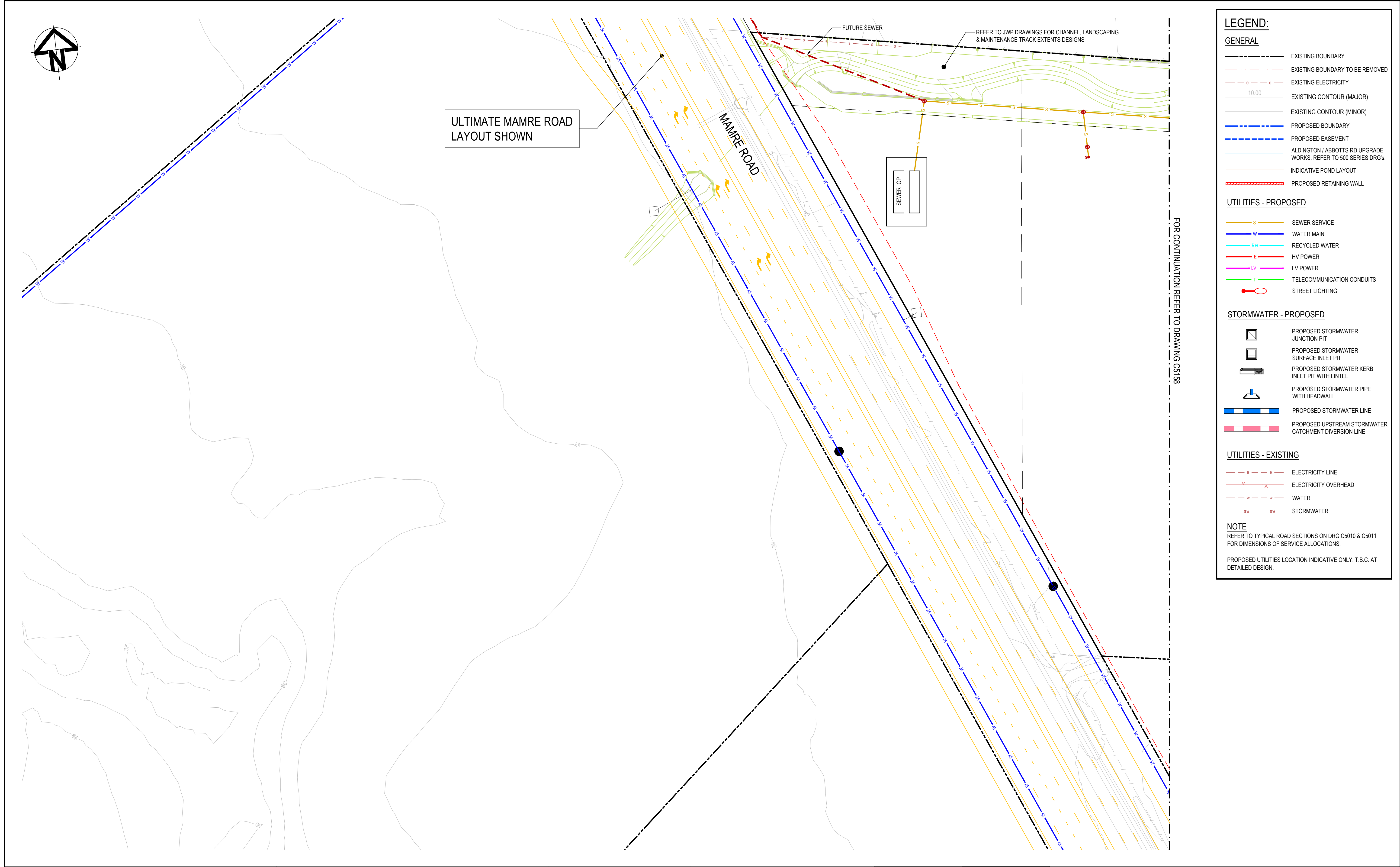
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0 10 20 30 40 50m			1 : 500 @ A1 1 : 1000 @ A3		ESR		1 : 500		LM		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
F ISSUED FOR DEVELOPMENT APPLICATION 24-01-25			SHEET 8 SHEET 3 SHEET 4 SHEET 2		Grid MGA2020		Designed LM		Checked AT		Title		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	
E ISSUED FOR DEVELOPMENT APPLICATION 15-08-24			SHEET 7 SHEET 5 SHEET 6		Height Datum AHD		Approved AT		GDA2020		SERVICES AND UTILITIES COORDINATION PLAN SHEET 6		Project - Drawing No. 20-748-C5157	
D ISSUED FOR DEVELOPMENT APPLICATION 27-09-23			THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L										Issue F	
C ISSUED FOR DEVELOPMENT APPLICATION 12-09-23														
B ISSUED FOR DEVELOPMENT APPLICATION 23-02-23														
A ISSUED FOR DEVELOPMENT APPLICATION 25-10-22														
Issue Description Date														





Bar Scales			Keyplan		Client		Scales		Drawn		Project		Civil Engineers and Project Managers	
							1 : 500		LM		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK			
							MGA2020		Designed		LM			
							AHD		Checked		AT			
							GDA2020		Approved		AT			
							THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L				SERVICES AND UTILITIES COORDINATION PLAN SHEET 7		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	
Issue			Description		Date						Title		Project - Drawing No. 20-748-C5158	
													A1	
													Issue F	





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F ISSUED FOR DEVELOPMENT APPLICATION 24-01-25			SHEET 1				MGA2020		Designed LM				ABN 96 130 882 405	
E ISSUED FOR DEVELOPMENT APPLICATION 15-08-24			SHEET 2				AHD		Checked AT				Tel: 02 9439 1777	
D ISSUED FOR DEVELOPMENT APPLICATION 27-09-23			SHEET 3				GDA2020		Approved AT				Fax: 02 9923 1055	
C ISSUED FOR DEVELOPMENT APPLICATION 12-09-23			SHEET 4				THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&I				Title		www.atl.net.au	
B ISSUED FOR DEVELOPMENT APPLICATION 23-02-23			SHEET 5								SERVICES AND UTILITIES COORDINATION PLAN SHEET 8		Info@atl.net.au	
A ISSUED FOR DEVELOPMENT APPLICATION 25-10-22			SHEET 6										Status	
Issue Description Date													FOR APPROVAL	
													NOT TO BE USED FOR CONSTRUCTION	
													Project - Drawing No.	
													20-748-C5159	
													Issue	
													F	



LEGEND

EXISTING BOUNDARY

EXISTING BOUNDARY TO BE REMOVED

PROPOSED BOUNDARY

PROPOSED RETAINING WALL

SEDIMENT FENCE

CATCH DRAIN

BARRIER FENCE

STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA

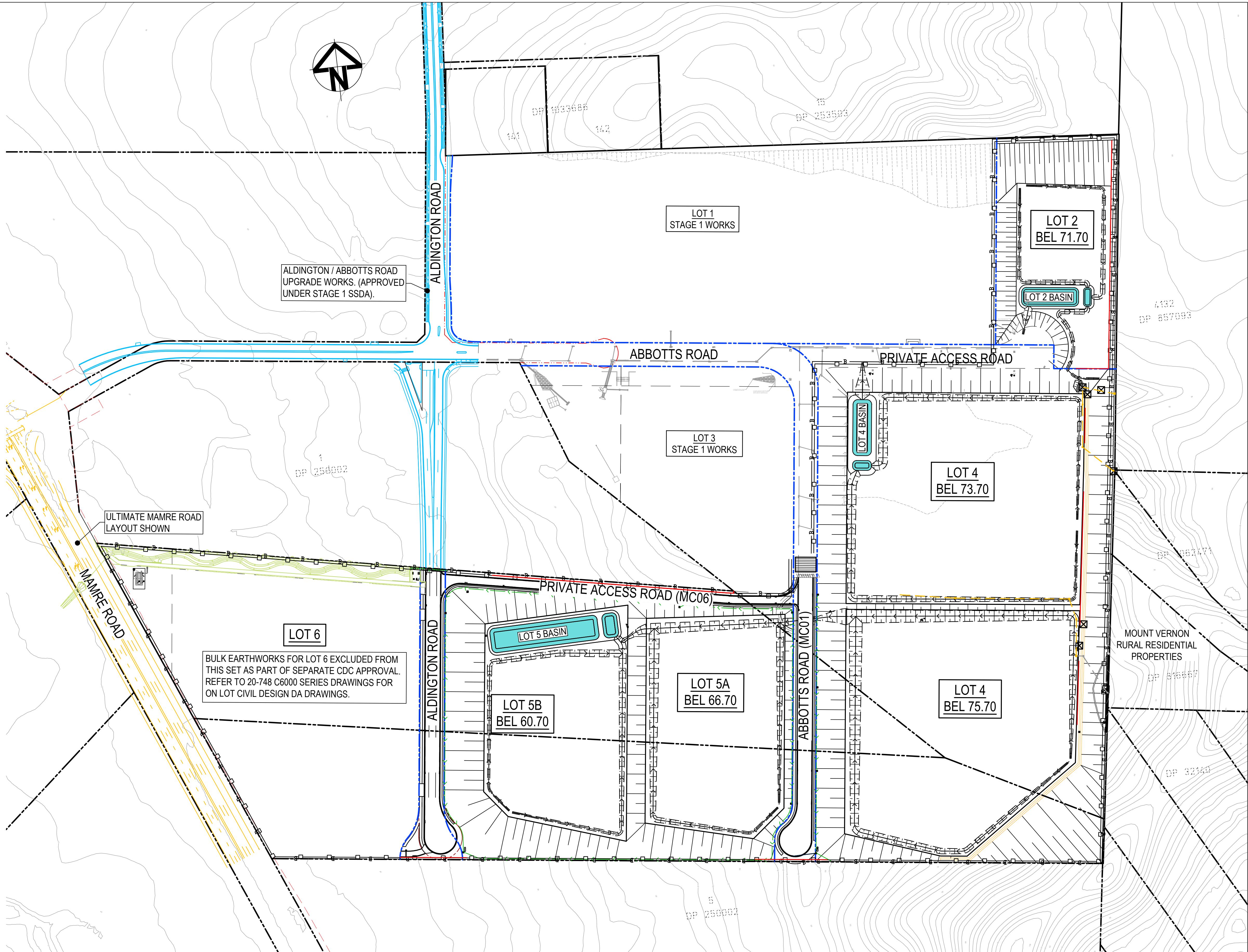
PROPOSED SITE ACCESS GATE

STRAW BALE FILTER (SD 6-7)

GEOTEXTILE INLET (SD 6-12)

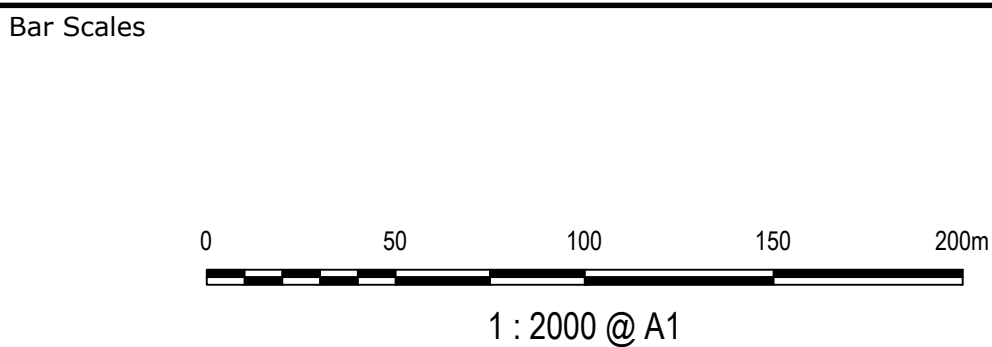
PROPOSED SEDIMENT BASIN

NOTE:  
EROSION AND SEDIMENT CONTROL MEASURES SHOWN ARE BASED ON INITIAL CPESC QUALIFIED ADVICE FOR TYPE B EROSION AND SEDIMENT CONTROL BASINS. TO BE DETAILED FURTHER AND CERTIFIED AS PART OF DETAILED DESIGN..



ALL LEVELS SHOWN ± 1000mm U.N.O

E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date



Client

ESR

Scales

1 : 2000

Grid

MGA2020

Height Datum

AHD

Drawn

LM

Designed

LM

Checked

AT

Approved

AT

GDA2020

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Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

EROSION AND SEDIMENT CONTROL PLAN

Civil Engineers and Project Managers

at&l

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

Status

FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.

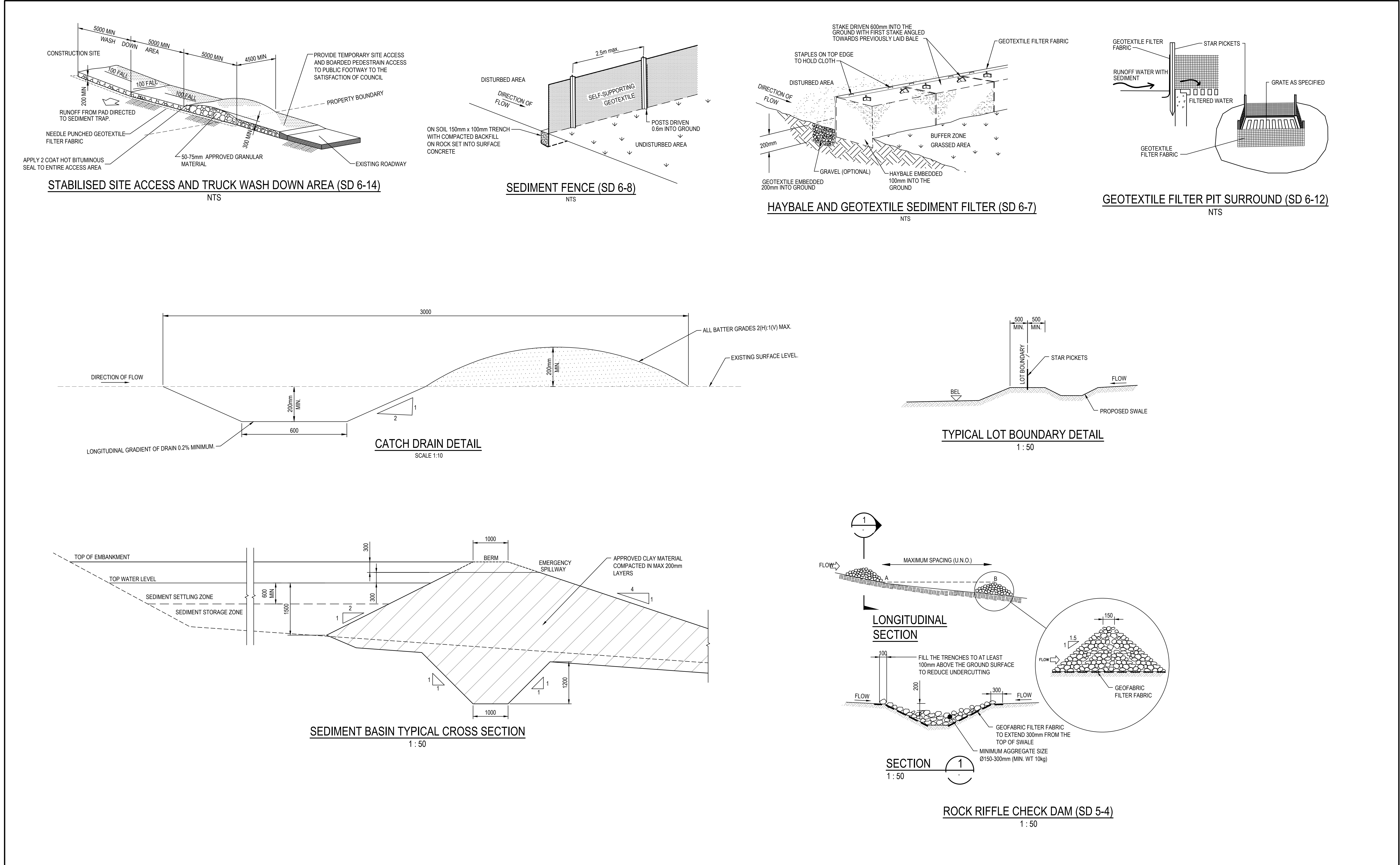
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Issue

E

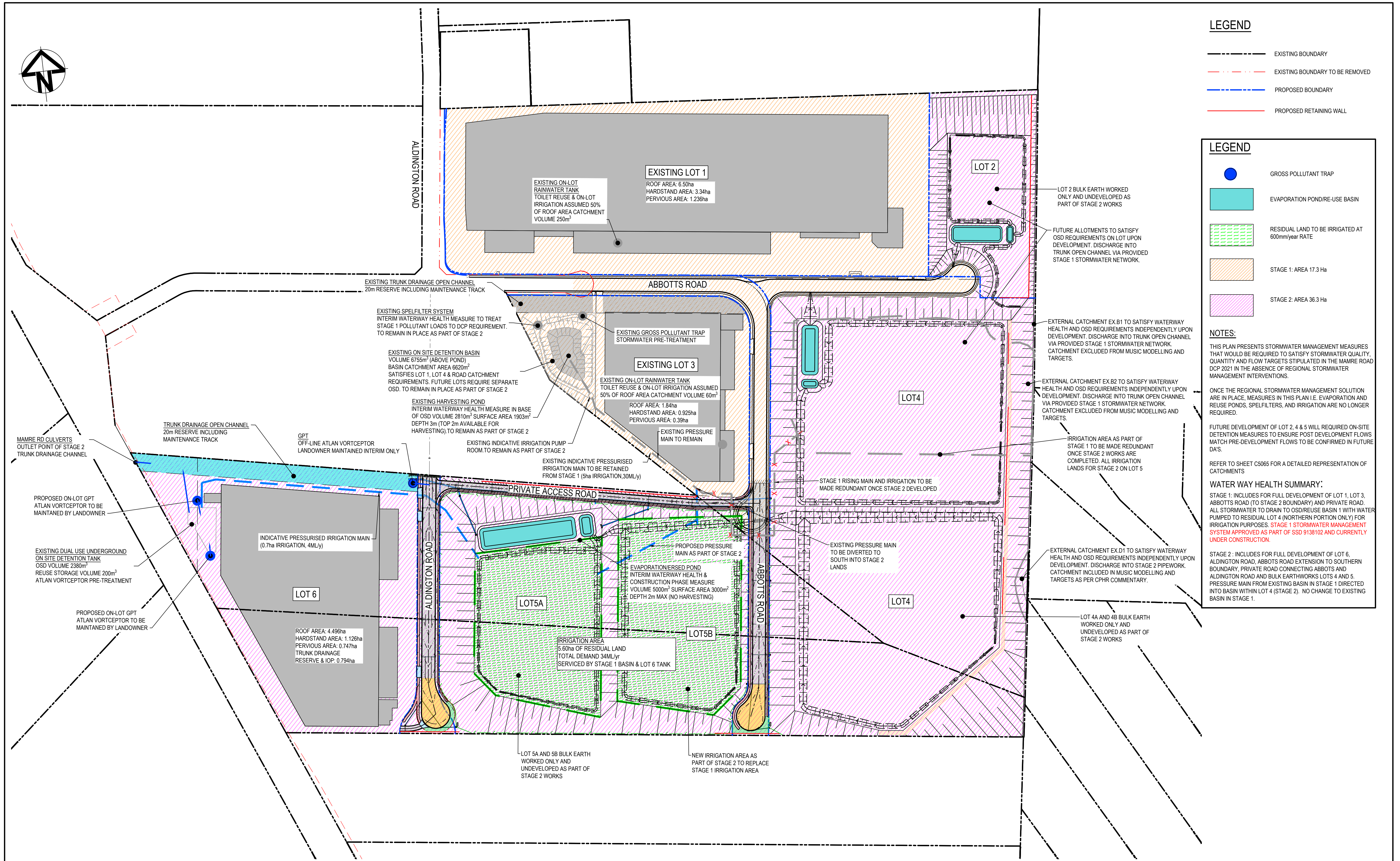
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LEGEND

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- PROPOSED BOUNDARY
- PROPOSED RETAINING WALL

LEGEND

- GROSS POLLUTANT TRAP
- EVAPORATION POND/RE-USE BASIN
- RESIDUAL LAND TO BE IRRIGATED AT 600mm/year RATE
- STAGE 1: AREA 17.3 Ha
- STAGE 2: AREA 36.3 Ha

NOTES:

THIS PLAN PRESENTS STORMWATER MANAGEMENT MEASURES THAT WOULD BE REQUIRED TO SATISFY STORMWATER QUALITY, QUANTITY AND FLOW TARGETS STIPULATED IN THE MAMRE ROAD DCP 2021 IN THE ABSENCE OF REGIONAL STORMWATER MANAGEMENT INTERVENTIONS.

ONCE THE REGIONAL STORMWATER MANAGEMENT SOLUTION ARE IN PLACE, MEASURES IN THIS PLAN I.E. EVAPORATION AND REUSE PONDS, SPELFILTERS, AND IRRIGATION ARE NO LONGER REQUIRED.

FUTURE DEVELOPMENT OF LOT 2, 4 & 5 WILL REQUIRED ON-SITE DETENTION MEASURES TO ENSURE POST DEVELOPMENT FLOWS MATCH PRE-DEVELOPMENT FLOWS TO BE CONFIRMED IN FUTURE DA'S.

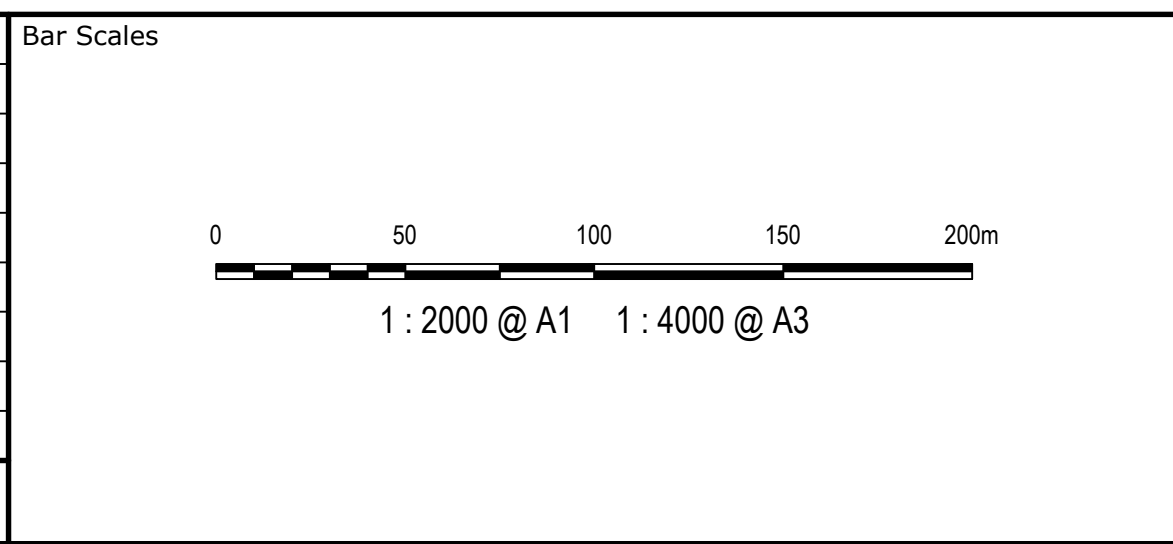
REFER TO SHEET C5065 FOR A DETAILED REPRESENTATION OF CATCHMENTS

WATER WAY HEALTH SUMMARY:

STAGE 1: INCLUDES FOR FULL DEVELOPMENT OF LOT 1, LOT 3, ABBOTTS ROAD (TO STAGE 2 BOUNDARY) AND PRIVATE ROAD. ALL STORMWATER TO DRAIN TO OSD/REUSE BASIN 1 WITH WATER PUMPED TO RESIDUAL LOT 4 (NORTHERN PORTION ONLY) FOR IRRIGATION PURPOSES. STAGE 1 STORMWATER MANAGEMENT SYSTEM APPROVED AS PART OF SSD 9138102 AND CURRENTLY UNDER CONSTRUCTION.

STAGE 2 : INCLUDES FOR FULL DEVELOPMENT OF LOT 6, ALDINGTON ROAD, ABBOTTS ROAD EXTENSION TO SOUTHERN BOUNDARY, PRIVATE ROAD CONNECTING ABBOTTS AND ALDINGTON ROAD AND BULK EARTHWORKS LOTS 4 AND 5. PRESSURE MAIN FROM EXISTING BASIN IN STAGE 1 DIRECTED INTO BASIN WITHIN LOT 4 (STAGE 2). NO CHANGE TO EXISTING BASIN IN STAGE 1.

Issue	Description	Date
K	ISSUED FOR DEVELOPMENT APPLICATION	08-09-25
J	ISSUED FOR DEVELOPMENT APPLICATION	31-07-25
I	ISSUED FOR DEVELOPMENT APPLICATION	20-06-25
H	ISSUED FOR DEVELOPMENT APPLICATION	02-06-25
G	ISSUED FOR DEVELOPMENT APPLICATION	06-05-25



Client

Scales  
1 : 2000

Grid  
GDA2093

Height Datum  
AHD

Drawn  
NT

Designed  
JCA

Checked  
BK

Approved  
BK

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Project  
PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK-STAGE 2

Title  
STORMWATER MANAGEMENT PLAN INTERIM ARRANGEMENT

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

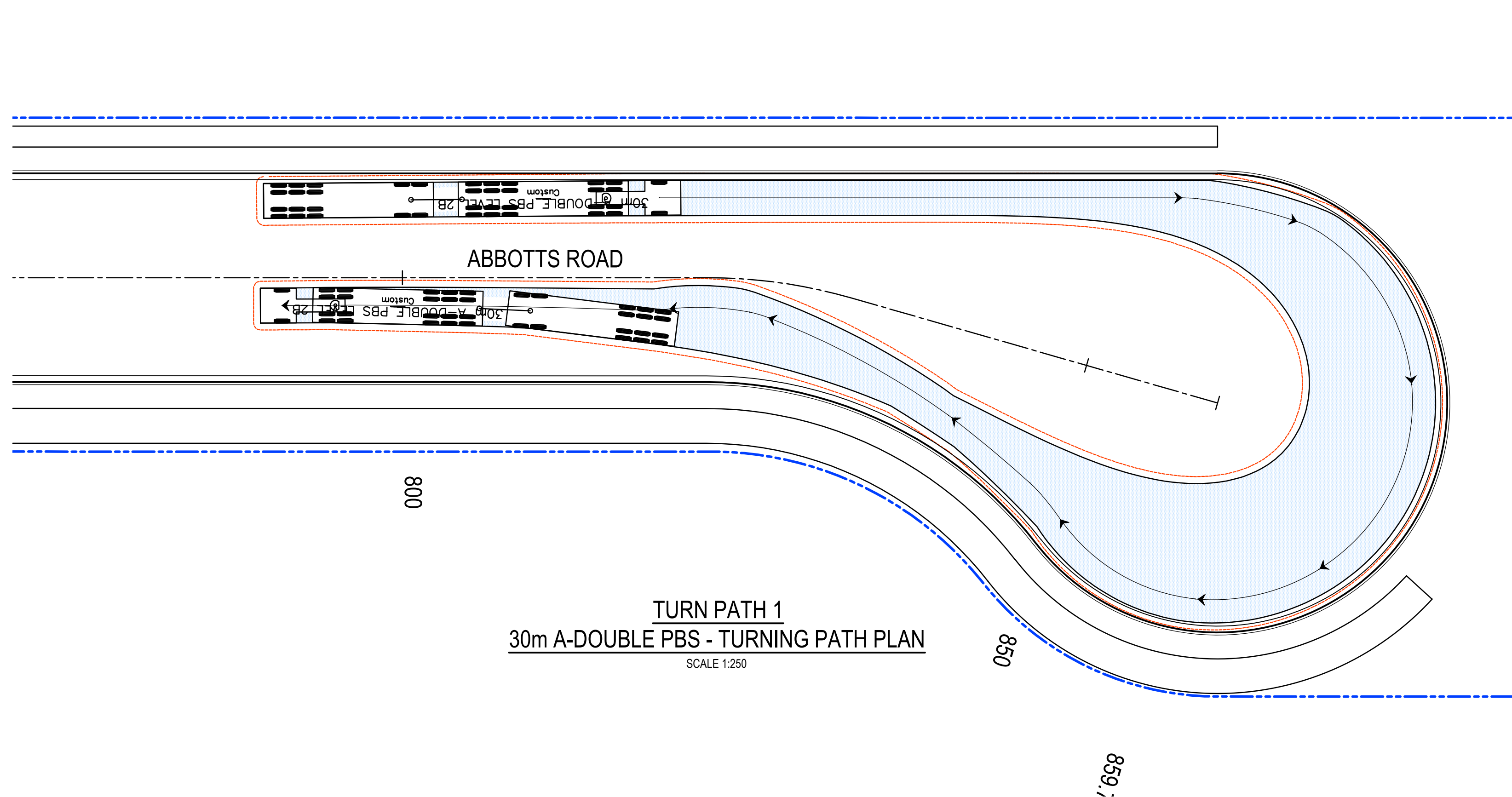
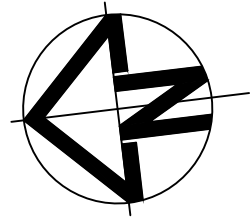
Status  
FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.  
20-748-C5220

Issue  
K

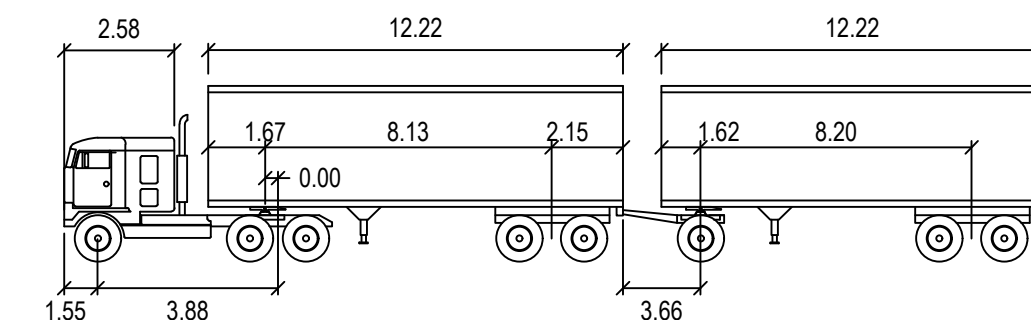
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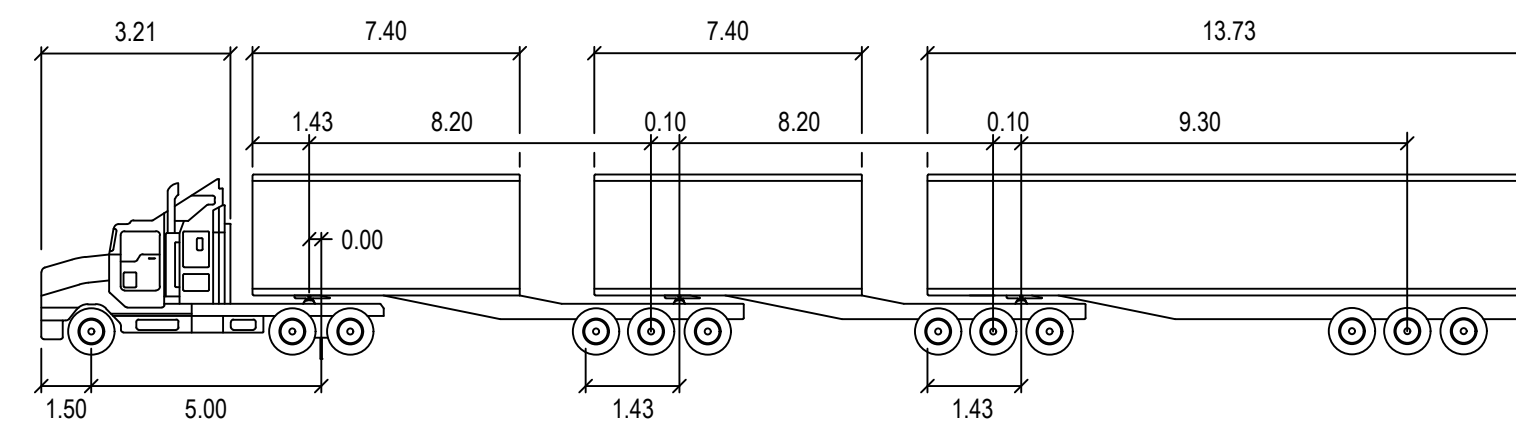
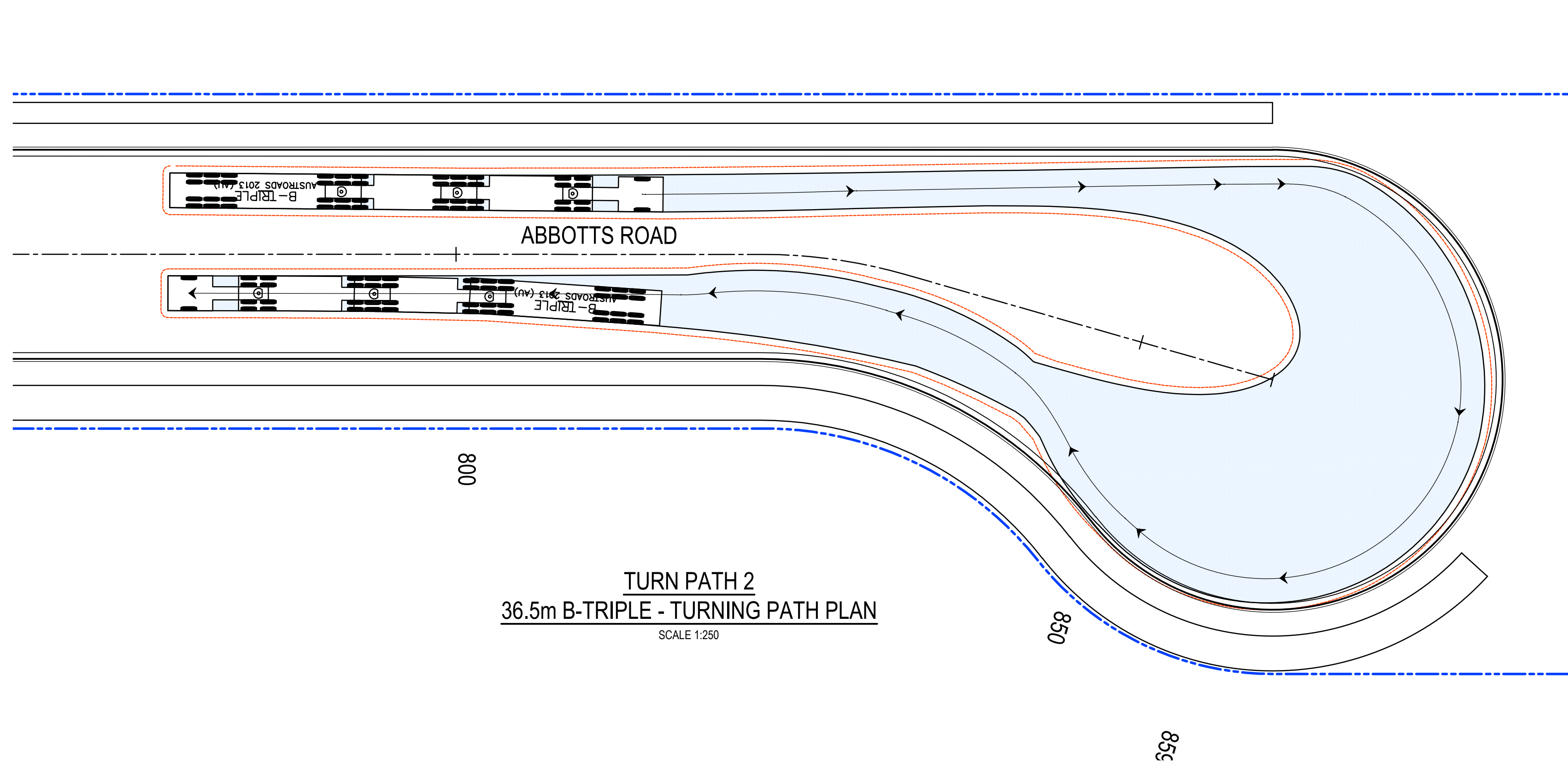
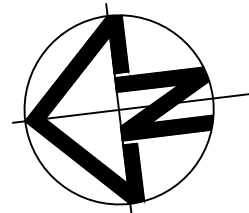
LEGEND:

- VEHICLE BODY ENVELOPE
- 0.5m VEHICLE BODY CLEARANCE ENVELOPE



30m A-DOUBLE PBS LEVEL 2B

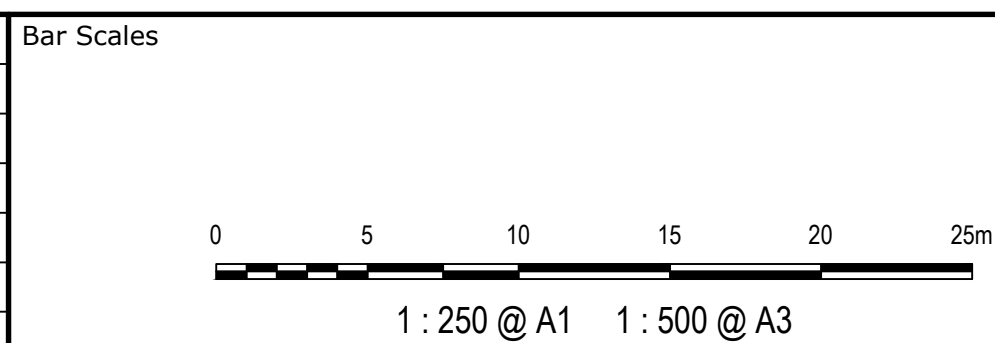
meters			
Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 23.4
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		



36.5m B-TRIPLE


meters			
Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 21.2
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

Issue	Description	Date
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



Client



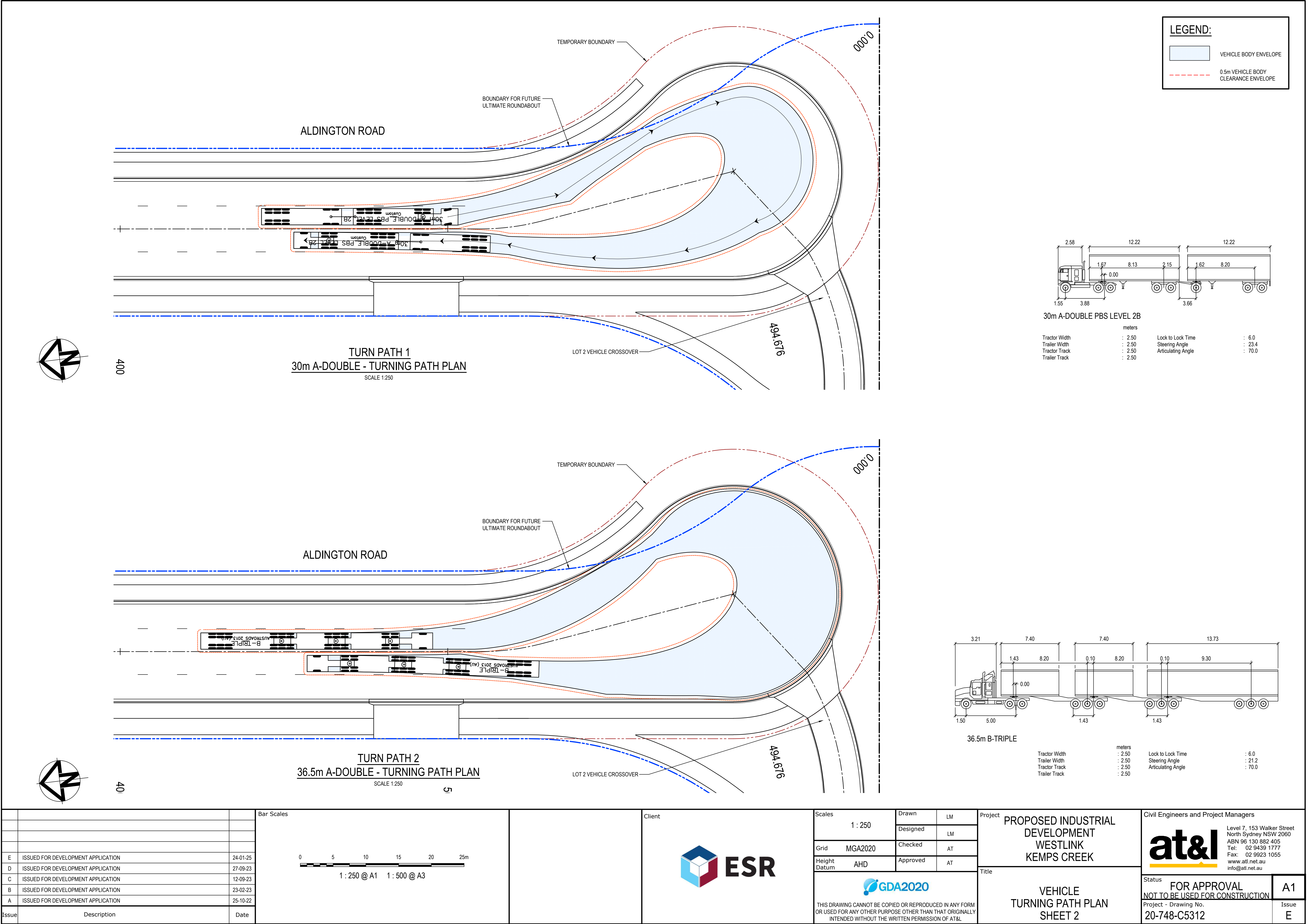
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		Designed	LM
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Height Datum	AHD	Approved	AT
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Project  
**PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK**

Title  
**VEHICLE TURNING PATH PLAN SHEET 1**

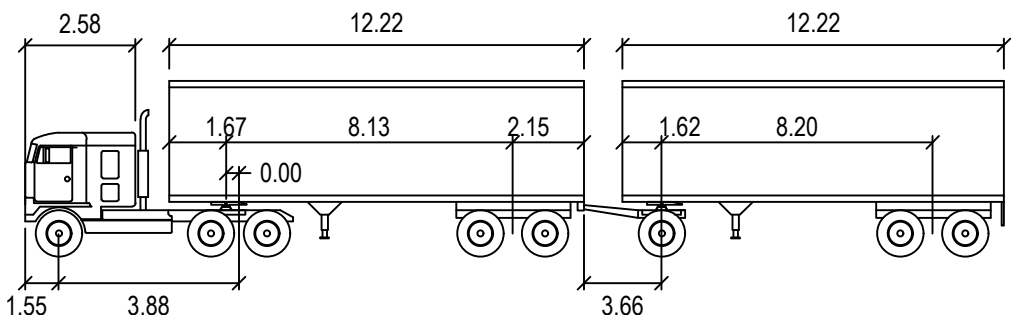
Civil Engineers and Project Managers		
at&l		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5311	Issue E





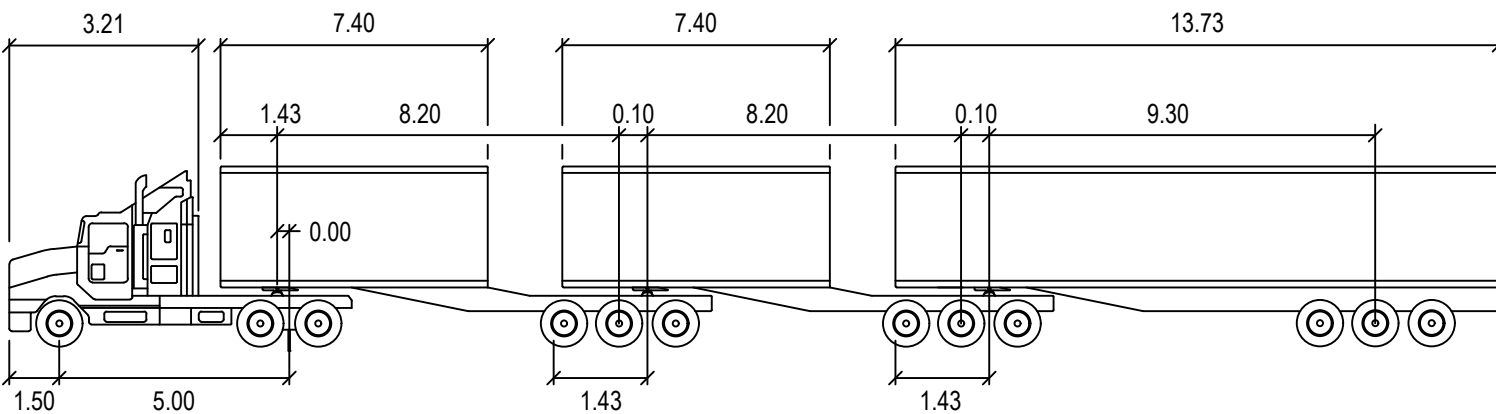
LEGEND:

- VEHICLE BODY ENVELOPE
- 0.5m VEHICLE BODY CLEARANCE ENVELOPE



30m A-DOUBLE PBS LEVEL 2B

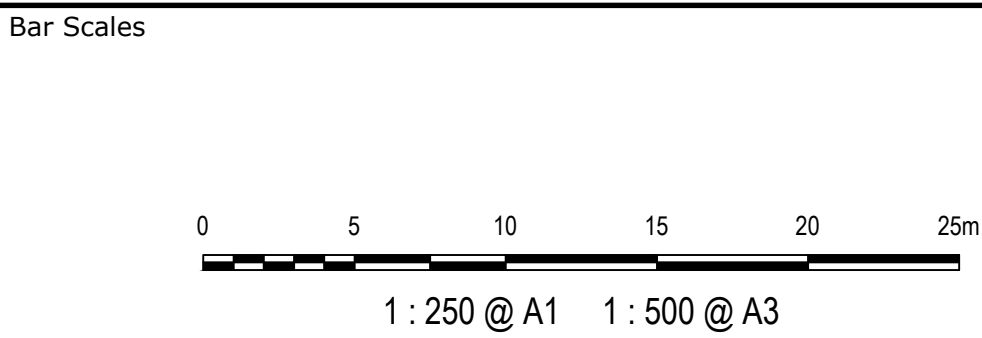
meters			
Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 23.4
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		



36.5m B-TRIPLE

meters			
Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 21.2
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

Issue	Description	Date
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22

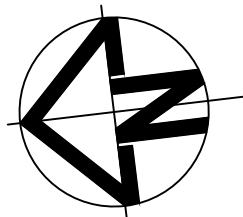


Scales	Drawn	LM
1 : 250	Designed	LM
Grid	Checked	AT
MGA2020	Checked	AT
Height Datum	Approved	AT
AHD	Approved	AT

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	VEHICLE TURNING PATH PLAN SHEET 2

Civil Engineers and Project Managers		
<b>at&amp;l</b>		
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		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5312	Issue E

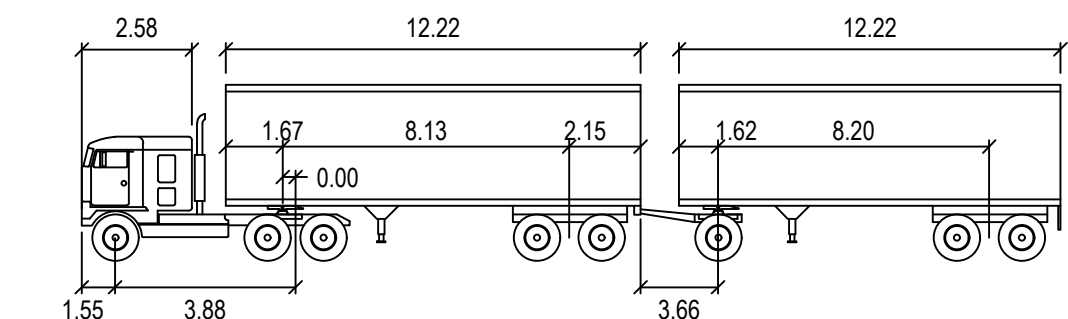




LEGEND:

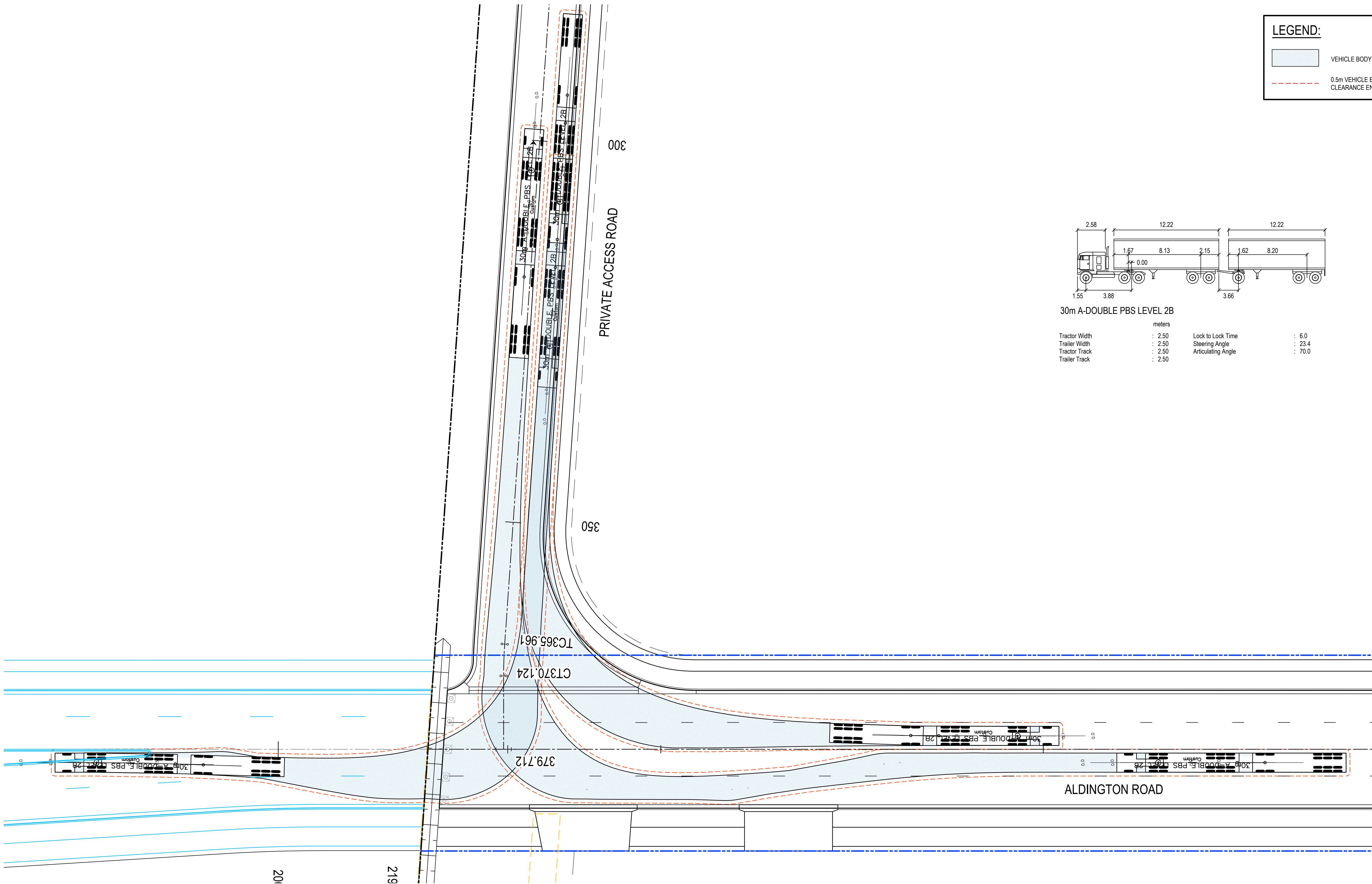
VEHICLE BODY ENVELOPE

0.5m VEHICLE BODY CLEARANCE ENVELOPE



30m A-DOUBLE PBS LEVEL 2B

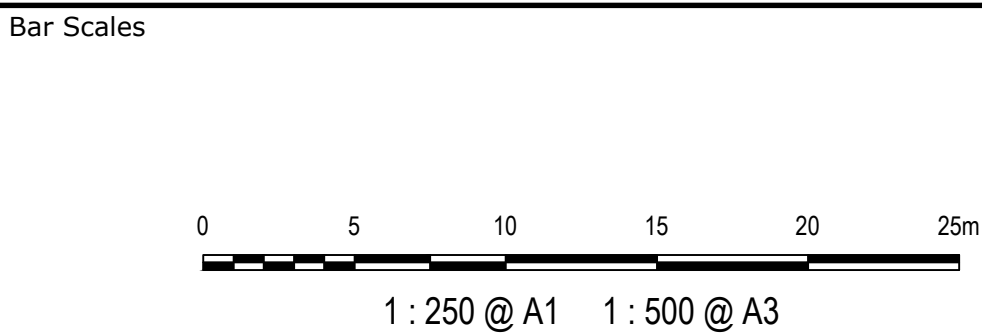
	meters		
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Trailer Width	: 2.50	Steering Angle	: 23.4
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		



30m A-DOUBLE PBS - TURNING PATH PLAN

SCALE 1:250

Issue	Description	Date
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



Client

Scales	1 : 250	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
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Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

VEHICLE TURNING PATH PLAN SHEET 3

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

Status

FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.

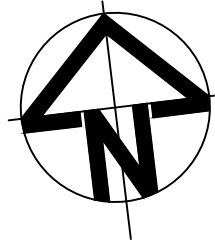
20-748-C5313

Issue

E

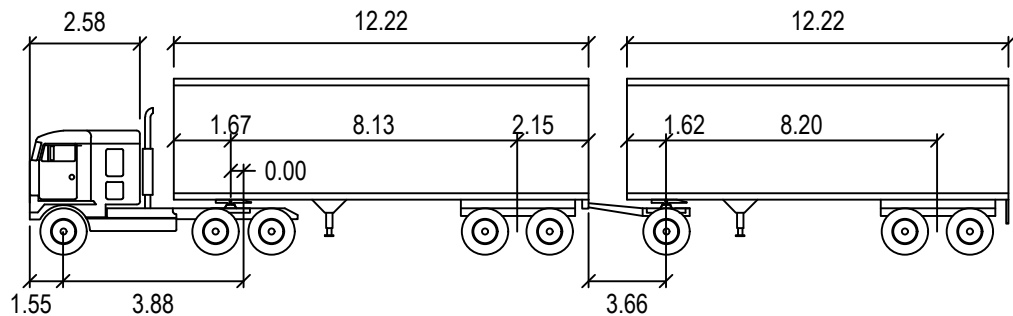
A1





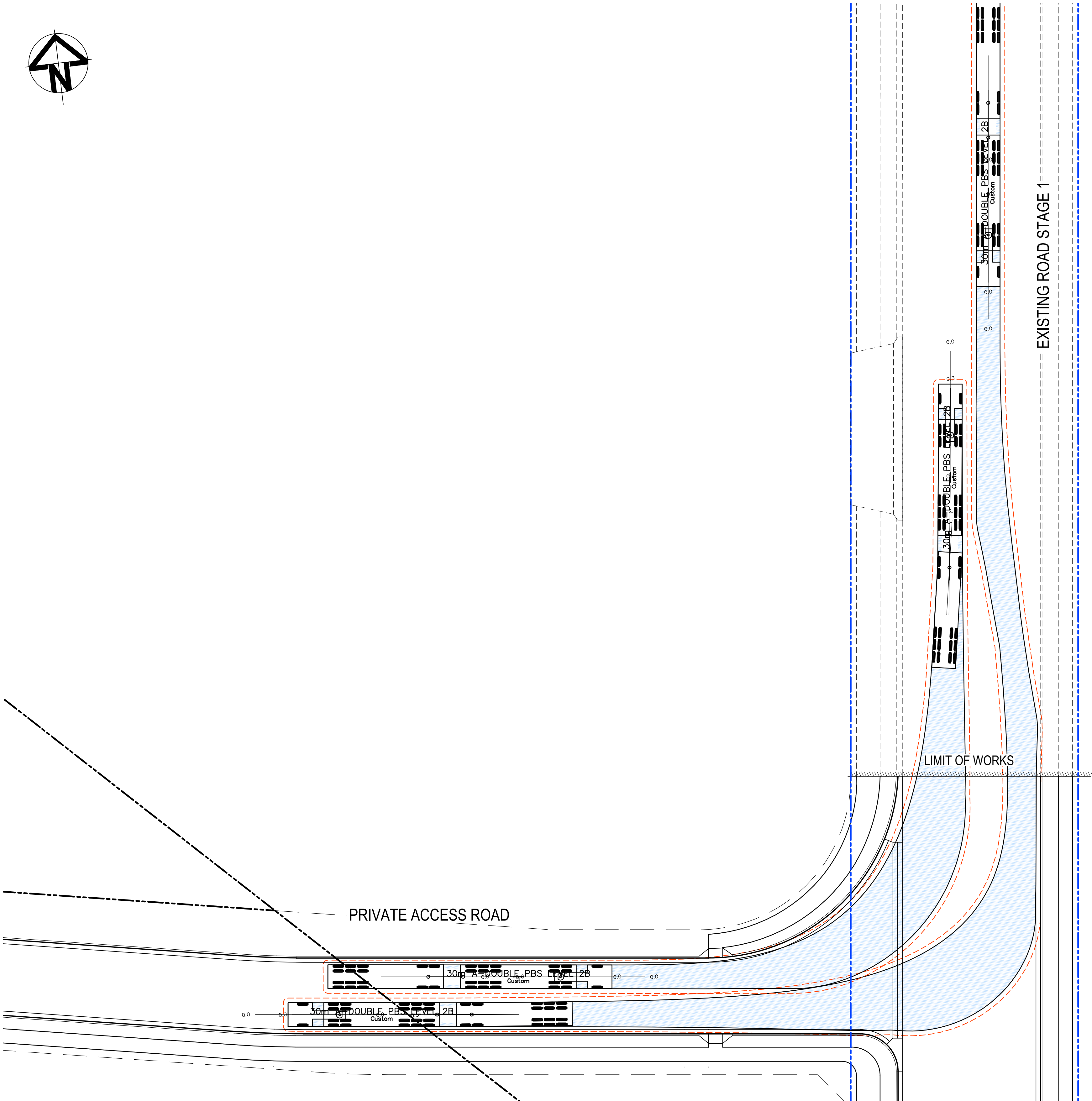
LEGEND:

- VEHICLE BODY ENVELOPE
- 0.5m VEHICLE BODY CLEARANCE ENVELOPE



30m A-DOUBLE PBS LEVEL 2B

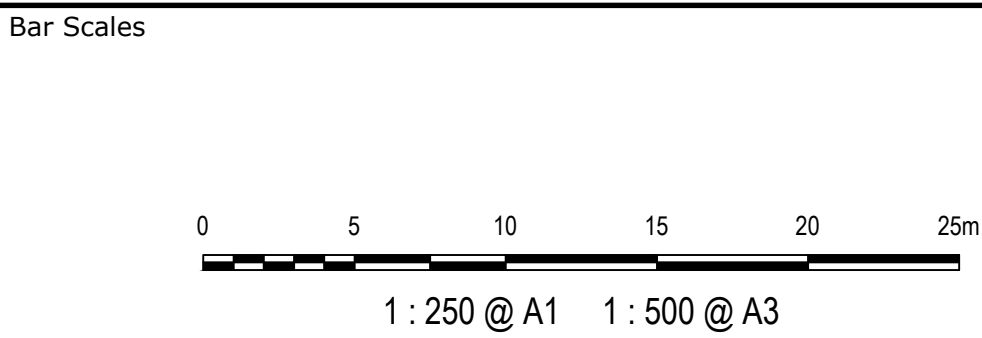
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	Trailer Width	: 2.50	Steering Angle	: 23.4
	Tractor Track	: 2.50	Articulating Angle	: 70.0
	Trailer Track	: 2.50		



30m A-DOUBLE PBS - TURNING PATH PLAN

SCALE 1:250

Issue	Description	Date
E	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



Client



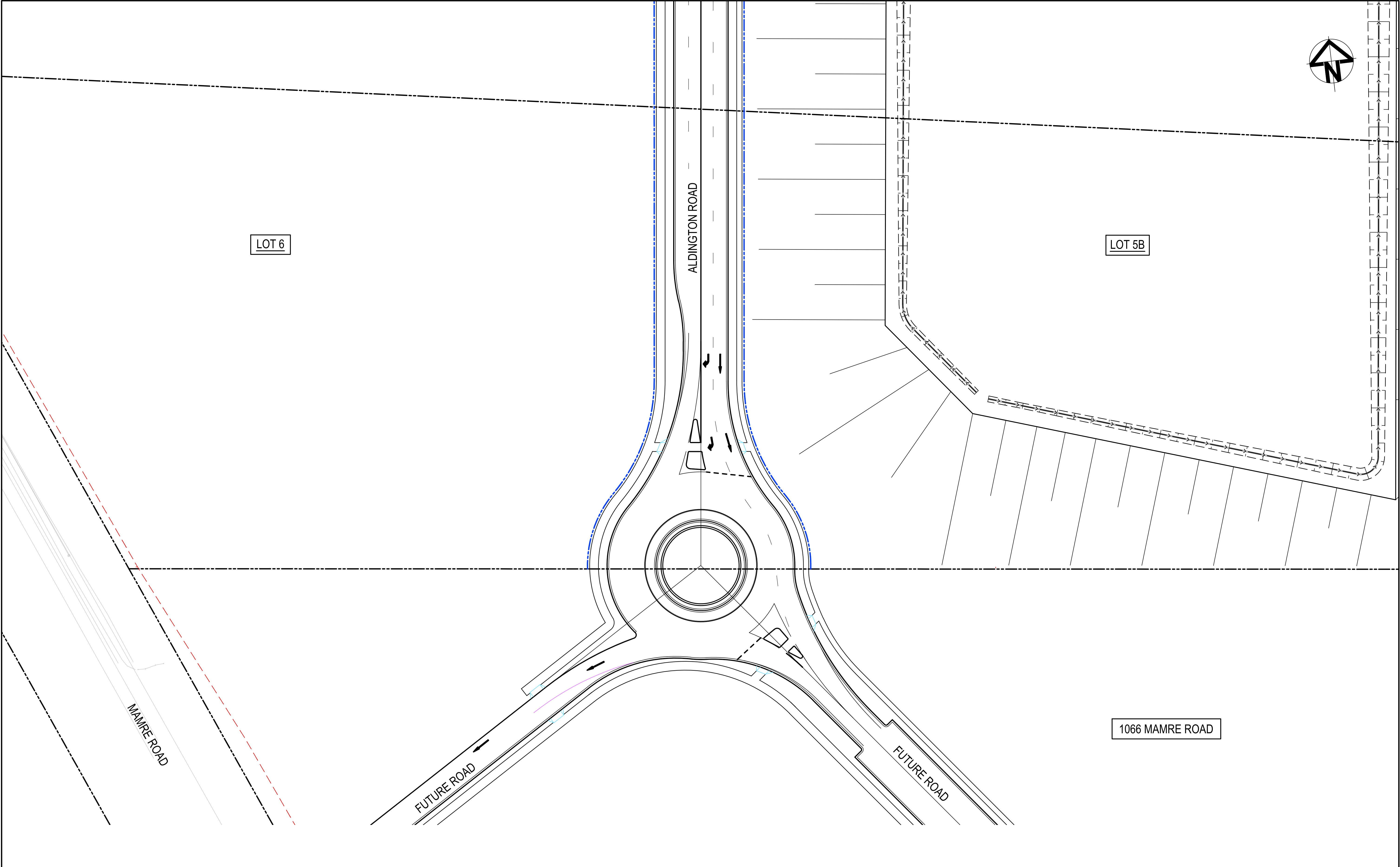
Scales	1 : 250	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
GDA2020			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project  
**PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK**

Title  
**VEHICLE TURNING PATH PLAN SHEET 4**

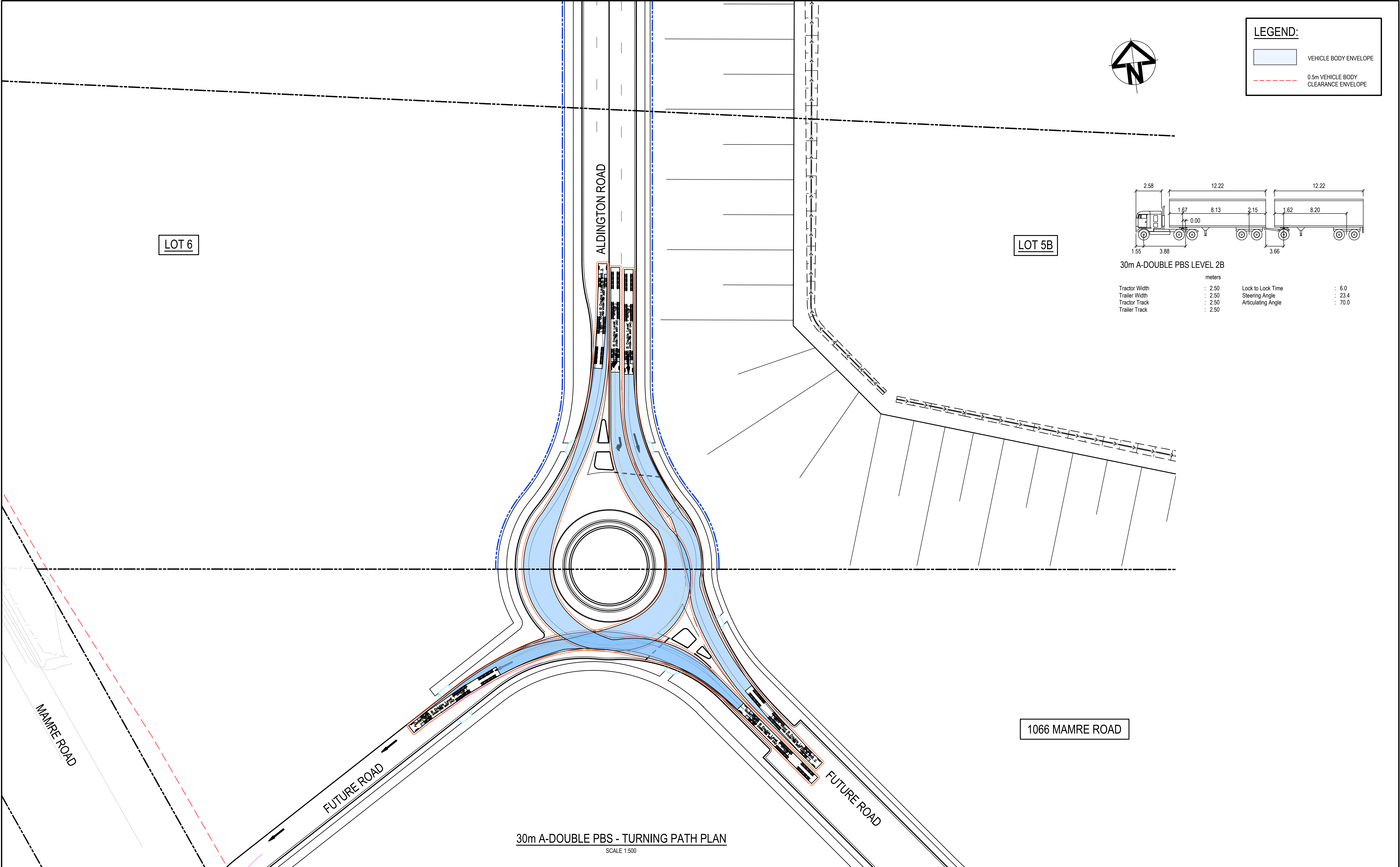
Civil Engineers and Project Managers		
<b>at&amp;l</b>		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5314	Issue E





			Bar Scales				Client		<div><div></div><div>ESR</div></div>		<div><div>Scales</div><div>1 : 500</div><div>GridMGA2020</div><div>Height DatumAHD</div></div> <div><div><div><div></div><div>GDA2020</div></div><div>THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&amp;L</div></div></div>		<div><div>Drawn</div><div>QD</div><div>Designed</div><div>LM</div><div>Checked</div><div>AT</div><div>Approved</div><div>AT</div></div> <div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>		<div>Civil Engineers and Project Managers</div> <div><div>at&amp;l</div><div>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</div></div>							
			<div><div>01020304050m</div><div>1 : 500 @ A1 1 : 1000 @ A3</div></div>								<div>Title</div> <div>FUTURE ROUNDABOUT PLAN</div>		<div>Status</div> <div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div>		<div>A1</div>							
<table><tr><td>B</td><td>ISSUED FOR DEVELOPMENT APPLICATION</td><td>24-01-25</td></tr><tr><td>A</td><td>ISSUED FOR DEVELOPMENT APPLICATION</td><td>15-08-24</td></tr></table>			B	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25	A	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24											<div>Project - Drawing No.</div> <div>20-748-C5320</div>		<div>Issue</div> <div>B</div>	
B	ISSUED FOR DEVELOPMENT APPLICATION	24-01-25																				
A	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24																				
<table><tr><td>Issue</td><td>Description</td><td>Date</td></tr></table>			Issue	Description	Date																	
Issue	Description	Date																				

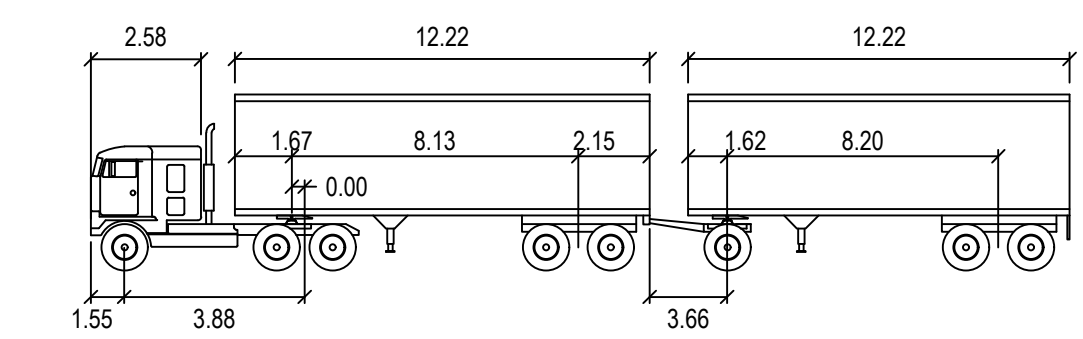




**LEGEND:**

VEHICLE BODY ENVELOPE

0.5m VEHICLE BODY CLEARANCE ENVELOPE



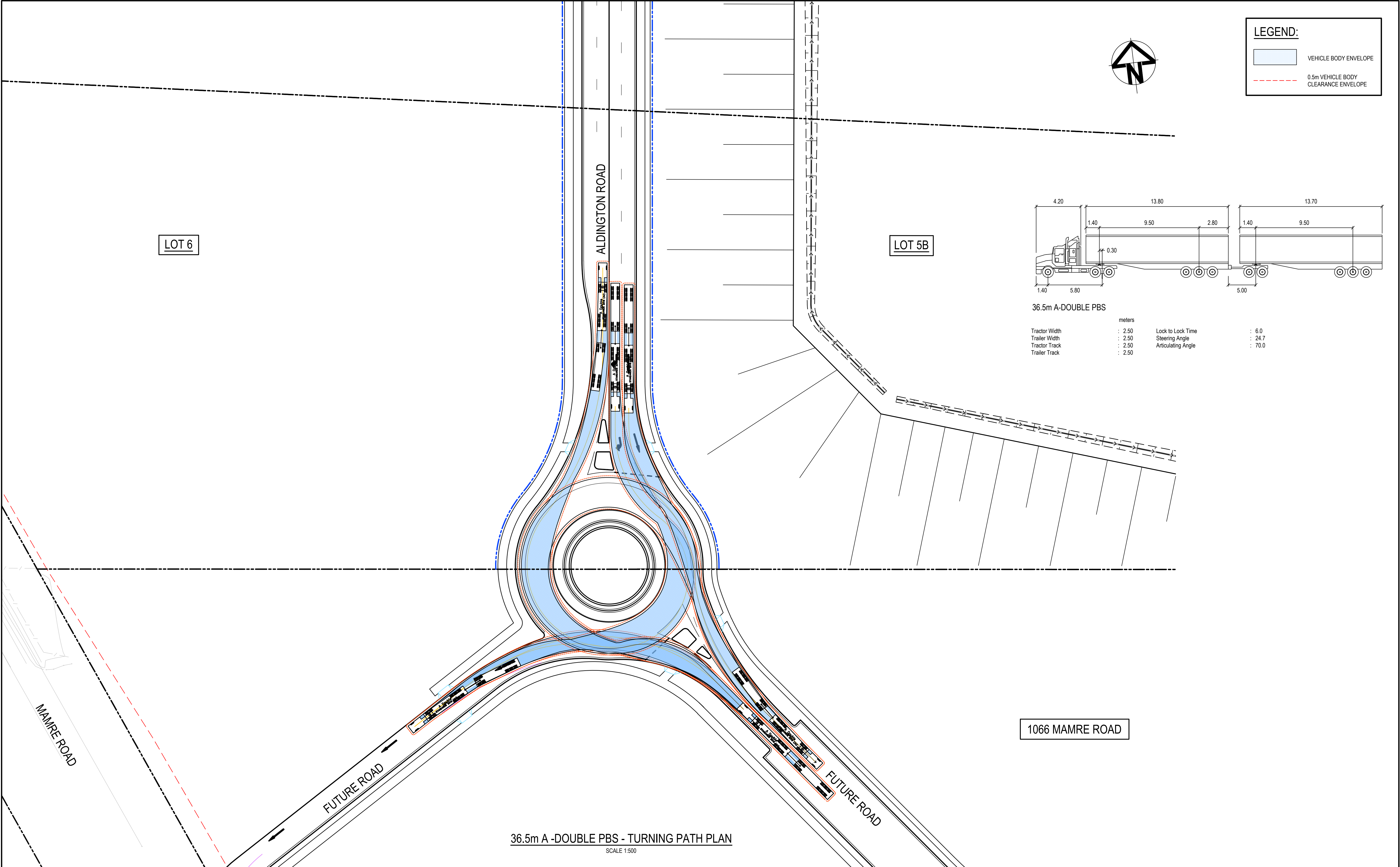
30m A-DOUBLE PBS LEVEL 2B





	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		

		Bar Scales				Client		Scales		Drawn		Project		Civil Engineers and Project Managers	
								1 : 500		Designed		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		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	
		1 : 500 @ A1 1 : 1000 @ A3						Grid MGA2020		Checked					
								Height Datum AHD		Approved					
												Title			
								THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L				FUTURE ROUNDABOUT TURNING PATH PLAN SHEET 1		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	
B ISSUED FOR DEVELOPMENT APPLICATION 24-01-25												Project - Drawing No. 20-748-C5321		A1	
A ISSUED FOR DEVELOPMENT APPLICATION 15-08-24														Issue B	
Issue Description Date															

100mm on Original





		Bar Scales				Client				<div>Scales<div>1 : 500</div></div> <div>GridMGA2020</div> <div>Height DatumAHD</div> <div> <div>THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&amp;L</div></div>		<div>Drawn<div>QD</div><div>DesignedQD</div></div> <div>CheckedAT</div> <div>ApprovedAT</div>		<div>Project<div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div></div> <div>Title<div>FUTURE ROUNDABOUT TURNING PATH PLAN SHEET 2</div></div>		<div>Civil Engineers and Project Managers</div> <div><div>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</div></div> <div><div>Status<div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div></div><div>Project - Drawing No. 20-748-C5322</div></div> <div><div>A1</div><div>Issue B</div></div>		
		 <div>1 : 500 @ A1    1 : 1000 @ A3</div>																
B	ISSUED FOR DEVELOPMENT APPLICATION		24-01-25															
A	ISSUED FOR DEVELOPMENT APPLICATION		15-08-24															
Issue	Description		Date															