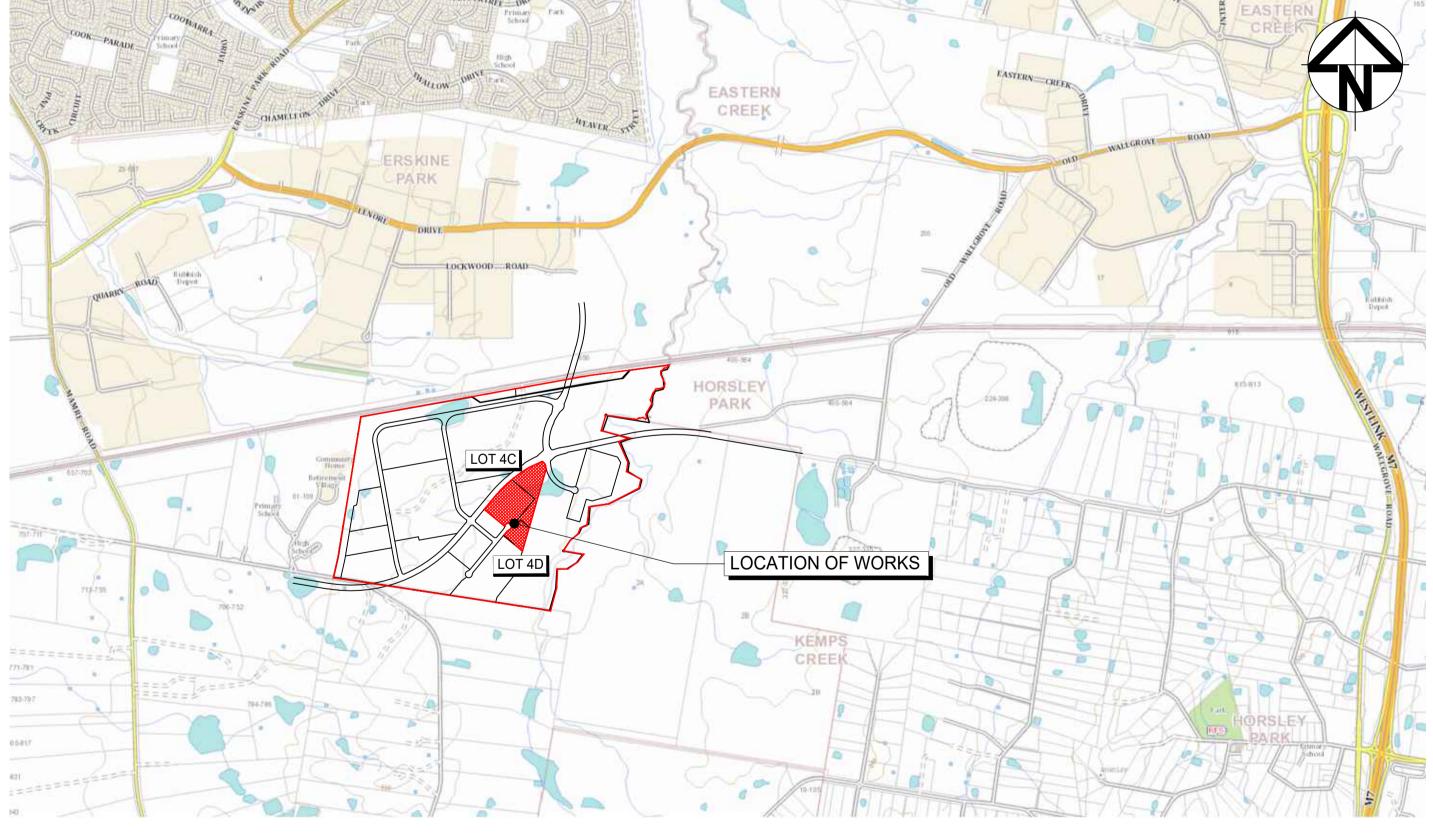
OAKDALE WEST 7900-SERIES LOT 4C & 4D CIVIL WORKS PACKAGE DEVELOPMENT APPLICATION

	DRAWING LIST
DRAWING No.	DRAWING TITLE
15-272-C7900	COVER SHEET DRAWING LIST LOCALITY PLAN
15-272-C7901	GENERAL NOTES
15-272-C7905	GENERAL ARRANGEMENT PLAN
15-272-C7910	TYPICAL SECTIONS SHEET 1
15-272-C7911	TYPICAL SECTIONS SHEET 2
15-272-C7912	TYPICAL SECTIONS SHEET 3
15-272-C7913	TYPICAL SECTIONS SHEET 4
15-272-C7914	TYPICAL SECTIONS SHEET 5
15-272-C7915	BULK EARTHWORKS PLAN
15-272-C7920	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
15-272-C7921	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
15-272-C7922	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 3
15-272-C7923	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
15-272-C7924	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 5
15-272-C7925	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 6
15-272-C7926	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 7
15-272-C7930	PAVEMENT PLAN
15-272-C7935	RETAINING WALL GENERAL ARRANGEMENT PLAN
15-272-C7936	RETAINING WALL PROFILES
15-272-C7940	EROSION AND SEDIMENT CONTROL PLAN
15-272-C7941	EROSION AND SEDIMENT DETAILS

			Bar Scales
P7	RE-ISSUE FOR DA AND TENDER	02-03-23	
P6	REVISED CARPARK GRADING	09-02-23	
P5	FINAL FOR DA	18-01-23	
P4	REISSUED FOR DA	22-12-22	
P3	REISSUED FOR DRAFT	20-12-22	
P2	ISSUED FOR DA	18-11-22	
P1	ISSUED FOR DRAFT	11-11-22	
Issue	Description	Date	
	100mm on Original		



LOCALITY PLAN

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COVER SHEET DRAWING LIST LOCALITY PLAN	



Level 7, 153 Walker Street

North Sydney NSW 2060

Civil Engineers and Project Managers

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST - LOT 4C & 4D

SITEWORKS NOTES

- 1. ORIGIN OF LEVELS:- REFER SURVEY NOTES.
- 2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES TO BE REPORTED TO AT & L.
- 3. MAKE SMOOTH CONNECTION WITH EXISTING WORKS.
- 4. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL
- 5. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMAPACTED IN 150mm LAYERS TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
- 6. PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN BUILDINGS AND ALL CONCRETE OR UNIT PAVEMENTS.
- 7. ASPHALTIC CONCRETE SHALL CONFORM TO R.M.S SPECIFICATION R116.
- 8. ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S FORM 3051 (UNBOUND), R.M.S FORM 3052 (BOUND) COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m OF BASECOURSE MATERIAL PLACED.
- 9. ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S FORM 3051, 3051.1 AND COMPACTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH A.S 1289 5.2. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m OF SUB-BASE COURSE MATERIAL PLACED.
- 10. AS AN ALTERNATIVE TO THE USE OF IGNEOUS ROCK AS A SUB-BASE MATERIAL IN (9) A CERTIFIED RECYCLED CONCRETE MATERIAL COMPLYING WITH R M S FORM 3051 AND 3051 1 WILL BE CONSIDERED SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BEING PROVIDED TO THE SATISFACTION OF AT & L.
- 11. SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THE CONTRACTOR IS TO SEEK ACCEPTANCE OF THE PRODUCT FROM AT&L. THE PRICE DIFFERENCE BETWEEN AN IGNEOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.
- 12. WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (eg. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS.

SURVEY NOTES

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

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

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

IMPORTANT NOTE:

THIS PLAN IS PREPARED FROM A COMBINATION OF FIELD SURVEY AND EXISTING RECORDS FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS ON THE LAND AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE. THE TITLE BOUNDARIES SHOWN HEREON WERE NOT MARKED BY THE AUTHOR AT THE TIME OF SURVEY AND HAVE BEEN DETERMINED BY PLAN DIMENSIONS ONLY AND NOT BY FIELD MEASUREMENT.

A SERVICES SEARCH OF THE AREA SURVEYED ABOVE HAS NOT BEEN UNDERTAKEN. VISIBLE SERVICES SHOWN HEREON HAVE BEEN LOCATED WHERE POSSIBLE BY FIELD SURVEY. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT AUTHORITY SHOULD BE CONTACTED FOR POSSIBLE LOCATION OF FURTHER UNDERGROUND SERVICES AND DETAILED LOCATIONS OF ALL SERVICES. THIS NOTE IS AN INTEGRAL PART OF THIS PLAN.

EXISTING UNDERGROUND SERVICES NOTES

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

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

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

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

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

Bar Scales P7 RE-ISSUE FOR DA AND TENDER 02-03-23 09-02-23 P6 REVISED CARPARK GRADING 18-01-23 P5 FINAL FOR DA P4 REISSUED FOR DA 22-12-22 REISSUED FOR DRAF 20-12-22 P3 ISSUED FOR DA 18-11-22 P2 ISSUED FOR DRAFT 11-11-22 Date Description

100mm on Original

CONCRETE NOTES

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

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

- CEMENT TYPE SHALL BE (ACSE SPECIFICATION) TYPE SL - PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE
- WITH AS 1379. 3. NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING BY AT & L.
- 4. CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL EDGES UNLESS NOTED OTHERWISE.
- 5. ALL REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON MILD STEEL PLASTIC TIPPED CHAIRS, PLASTIC CHAIRS OR CONCRETE CHAIRS AT NOT GREATER THAN 1m CENTRES BOTH WAYS. BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS.
- 6. THE FINISHED CONCRETE SHALL BE A DENSE HOMOGENEOUS MASS. COMPLETELY FILLING THE FORMWORK, THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS, ALL CONCRETE INCLUDING SLABS ON GROUND AND FOOTINGS SHALL BE COMPACTED AND CURED IN ACCORDANCE WITH R.M.S SPECIFICATION R83.
- 7. REINFORCEMENT SYMBOLS: N DENOTES GRADE 450 N BARS TO AS 1302 GRADE N
- R DENOTES 230 R HOT ROLLED PLAIN BARS TO AS 1302 SL DENOTES HARD-DRAWN WIRE REINFORCING FABRIC TO AS 1304
- NUMBER OF BARS IN GROUP

17 N 20250

NOMINAL BAR SIZE IN mm ____ L_SPACING IN mm THE FIGURE FOLLOWING THE FABRIC SYMBOL SL IS THE REFERANCE NUMBER FOR FABRIC TO AS 1304.

8. FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING DETAIL:

> -| |<u>25</u> MIN LAP TWO WIRES

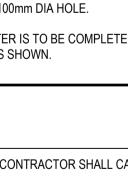
KERBING NOTES

- 1. ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa U.N.O IN REINFORCED CONCRETE NOTES.
- 2. ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED ON MIN. 100mm GRANULAR BASECOURSE COMPACTED TO MINIMUM 95% MODIFIED DRY DENSITY (AS 1289 5.2.1).
- 3. EXPANSION JOINTS (E.J) TO BE FORMED FROM 10mm CC CORK FILLER BOARD FOR THE FULL DEPTH OF THE SEC TO PROFILE EXPANSION JOINTS TO BE LOCATED AT DE ON TANGENT POINTS OF CURVES AND ELSEWHERE AT CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE EX JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SI
- 4. WEAKENED PLANE JOINTS TO BE MIN 3mm WIDE AND LC CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE W JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SL
- 5. BROOMED FINISH TO ALL RAMPED AND VEHICULAR CRO OTHER KERBING OR DISH DRAINS TO BE STEEL FLOAT FINISHED.
- 6. IN THE REPLACEMENT OF KERB AND GUTTER :-EXISTING ROAD PAVEMENT IS TO BE SAWCUT 900mm U.N.O FROM THE LIP OF GUTTER, UPON COMPLETION OF THE NEW KERB AND GUTTER NEW BASECOURSE AND SURFACE TO BE LAID 900mm WIDE U.N.O.
- EXISTING ALLOTMENT DRAINAGE PIPES ARE TO BE BUILT INTO THE NEW KERB AND GUTTER WITH 100mm DIA HOLE.

EXISTING KERB AND GUTTER IS TO BE COMPLETELY REMOVED WHERE NEW KERB AND GUTTER IS SHOWN.



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



OMPRESSIBLE CTION AND CUT RAINAGE PITS, MAX 12m EXPANSION LABS.	
DCATED AT 3m VEAKENED PLANE LABS.	
DSSINGS. ALL	

STORMWATER DRAINAGE NOTES

1. STORMWATER DESIGN CRITERIA (A) AVERAGE RECURRENCE INTERVAL 1:100 YEARS MAJOR STORM (OVERLAND FLOW)

- 1:20 YEARS MINOR STORM (PIPED NETWORK) (B) RAINFALL INTENSITIES:
- TIME OF CONCENTRATION:5 MINUTES
- 1:100 YEARS= 219 mm/hr 1:20 YEARS= 167 mm/hr (C) RUNOFF COEFFICIENTS:
- ROOF AREAS: C 100 =1.0 EXTERNAL PAVEMENTS: C 100 =1.0

2. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '3' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS, U.N.O. 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.

- 5. ALL STORMWATER DRAINAGE LINES UNDER PROPOSED BUILDING SLABS TO BE uPVC PRESSURE PIPE GRADE 6. ENSURE ALL VERTICALS AND DOWNPIPES ARE uPVC PRESSURE PIPE, GRADE 6 FOR A MIN OF 3.0m
- 6. PIPES TO BE INSTALLED TO TYPE HS1 SUPPORT IN ACCORDANCE WITH AS 3725 (2007) IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 (OR A DENSITY INDEX OF NOT LESS THAN 75)
- 7. ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (1998) AND AS/NZS 3500 3.2
- 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.
-). WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC SEWER GRADE PIPE IS TO BE USED. 1. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES
- SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL. 12. GRATES AND COVERS SHALL CONFORM TO AS 3996.
- 13. AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
- 4. 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.

BULK EARTHWORKS NOTES

- 1. ORIGIN OF LEVELS: REFER SURVEY NOTES
- 2. REFER PELLS SULLIVAN MEYNINK REPORT PSM1541-126S REV 0 (DATED NOV 2015) FOR BULK EARTHWORKS SPECIFICATIONS.

FINISHED SURFACE LEVELS

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

EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

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

AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

- 6. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
- (A) INSTALL A WIND FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
- (B) INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
- (C) CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.
- (D) INSTALL SEDIMENT BASIN AS SHOWN ON PLAN
- (E) INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.
- (F) UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

- 7. DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- 8. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

- 9. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING
- 10. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- 11. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE. I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
- 12. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

OTHER MATTERS

- 13. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- 14. ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
- (A) PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE
- (B) ENSURING THAT NOTHING IS NAILED TO THEM (C) PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
- (I) ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS THE GREATER
- (II) A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH
- (III) CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

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OTHER PURPOSE OTHER THAN	Goodman	Height AHD Datum AHD	Approved		OAKDALE WEST - LOT 4C & 4D	www.atl.net.au info@atl.net.au	
THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L					GENERAL NOTES	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
						Project - Drawing No. 15-272-C7901	Issue P7

EROSION AND SEDIMENT CONTROL

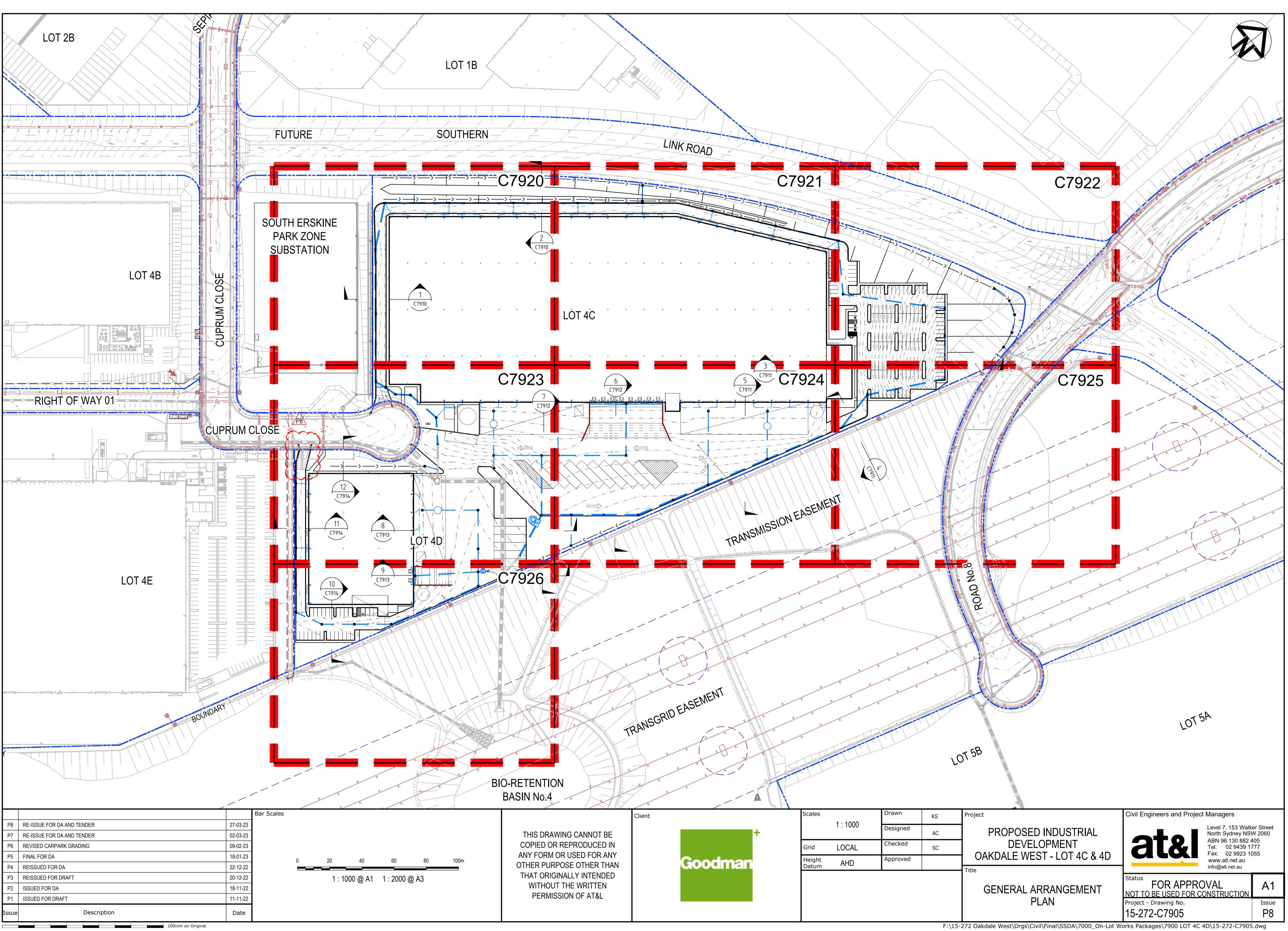
NOTES

STAGING

SUITABLE EROSION AND SEDIMENT CONTROLS SHALL BE DESIGNED. PROVIDED AND MAINTAINED BY THE CONTRACTOR THROUGHOUT ALL STAGES OF WORKS, INCLUDING AT COMPLETION OF THE BULK EARTHWORKS WHERE SHOWN ON AT&L DRAWINGS OR WHERE DIRECTED BY THE SUPERINTENDENT OR PENRITH CITY COUNCIL'S ENGINEERS.

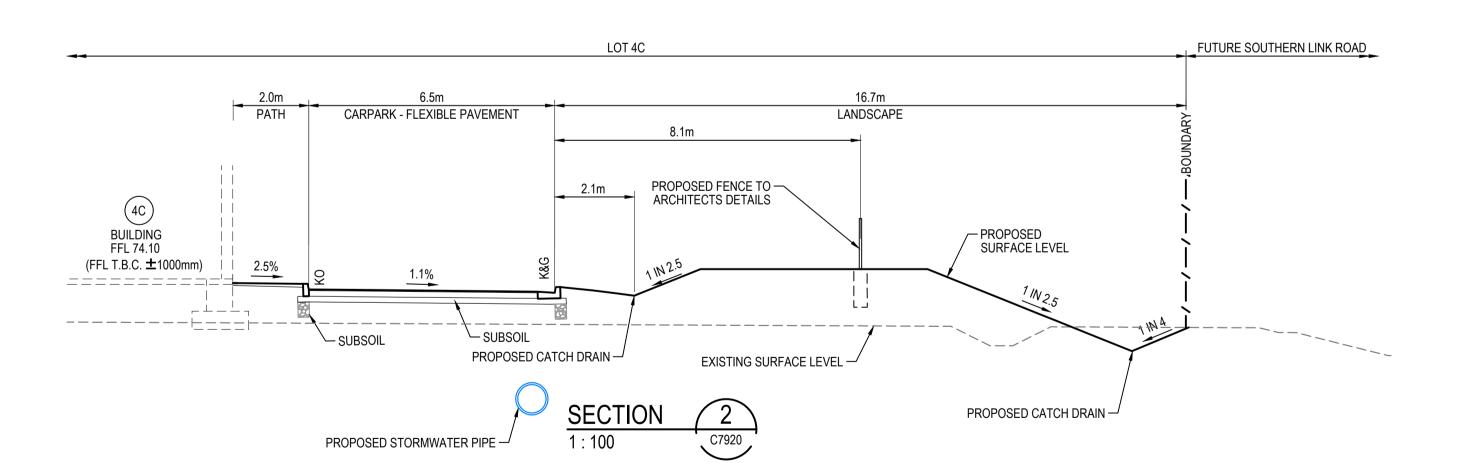
SEDIMENT AND EROSION CONTROLS ARE TO BE DESIGNED AND DOCUMENTED BY A SUITABLY QUALIFIED EXPERT ENGAGED BY THE CONTRACTOR AND APPROVED AS PART OF THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH CONTROLS SHALL BE IN ACCORDANCE WITH THE RELEVANT REQUIREMENTS IN THE LATEST VERSION OF THE MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION GUIDELINE (LANDCOM).

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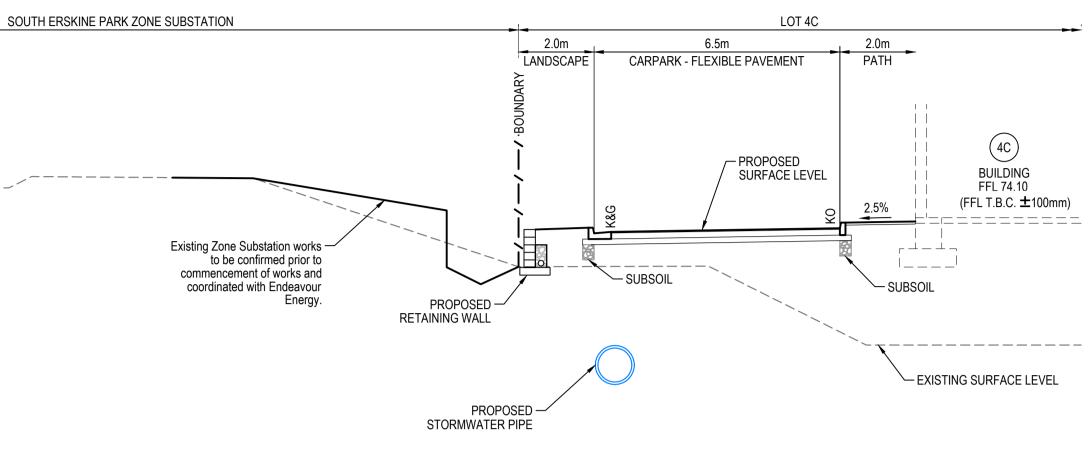




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			Bar Scales		Client		Scales	4 400	Drawn	KS	Project
P7	RE-ISSUE FOR DA AND TENDER	02-03-23		THIS DRAWING CANNOT BE		+		1 : 100	Designed	AC	PROPOSED INDUSTRIAL
P6	REVISED CARPARK GRADING	09-02-23		COPIED OR REPRODUCED IN			Grid	LOCAL	Checked	SC	DEVELOPMENT
P5	FINAL FOR DA	18-01-23		ANY FORM OR USED FOR ANY		Coolmon	Height		Approved		OAKDALE WEST - LOT 4C & 4D
P4	REISSUED FOR DA	22-12-22	0 2 4 6 8 10m	OTHER PURPOSE OTHER THAN		Goodman	Datum	AHD			Title
P3	REISSUED FOR DRAFT	20-12-22		THAT ORIGINALLY INTENDED							
P2	ISSUED FOR DA	18-11-22	1 : 100 @ A1 1 : 200 @ A3	WITHOUT THE WRITTEN							TYPICAL SECTIONS
P1	ISSUED FOR DRAFT	11-11-22		PERMISSION OF AT&L							SHEET 1
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SHEET 1 Project - Drawing No. Issu	ue
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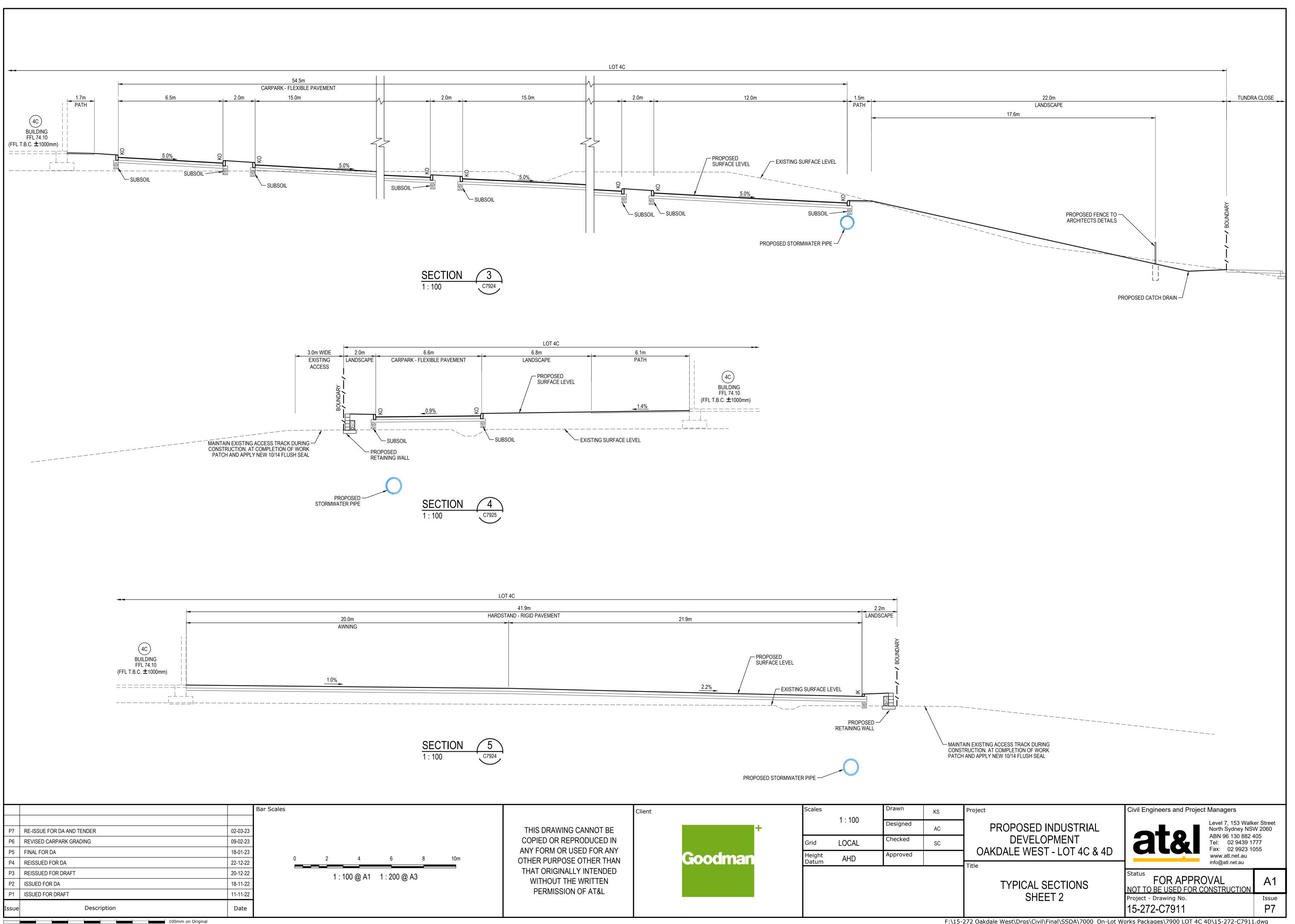
Civil Engineers and Project Managers

-0 Level 7, 153 Walker Street North Sydney NSW 2060

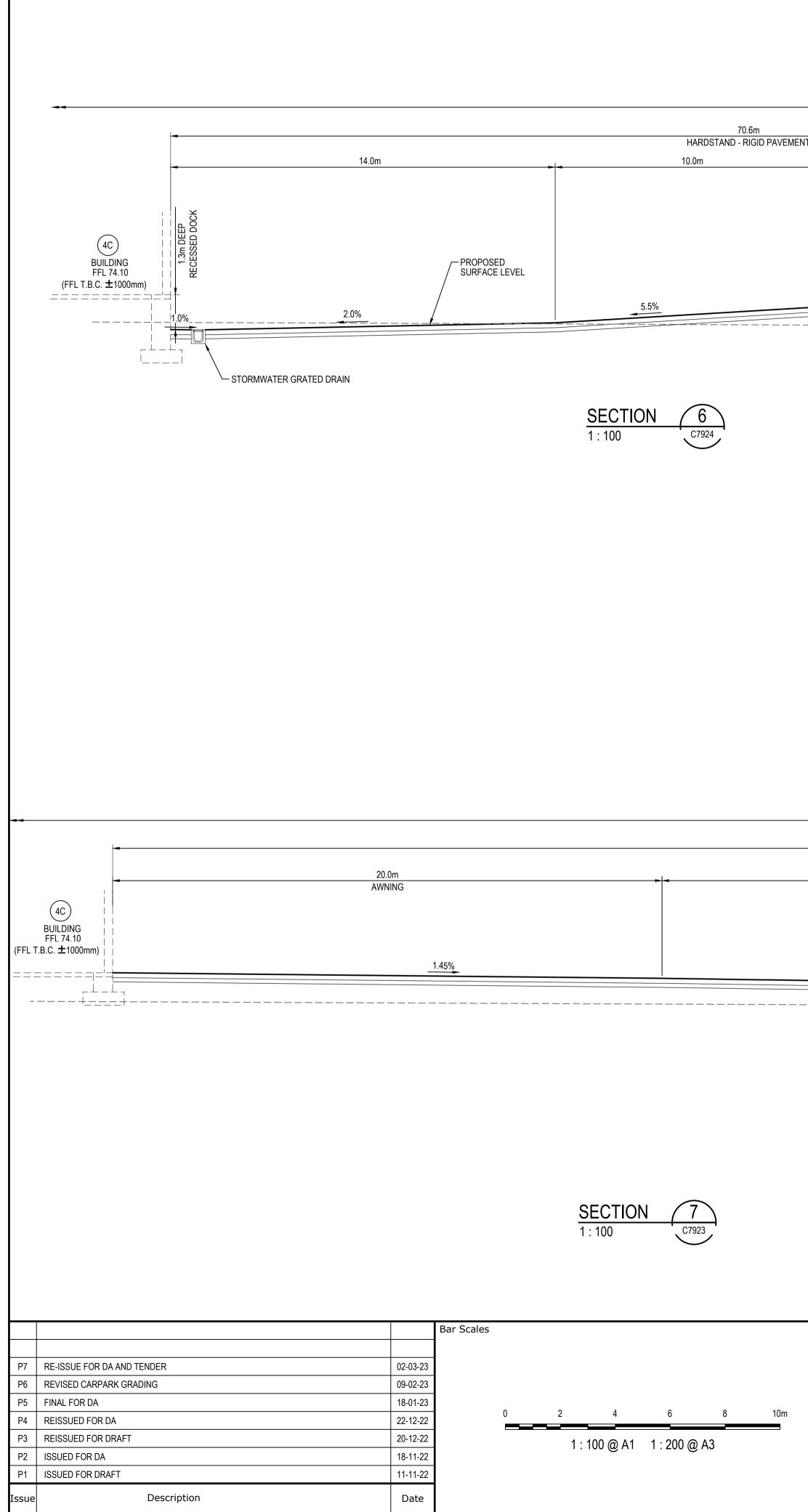
ABN 96 130 882 405 Tel: 02 9439 1777

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

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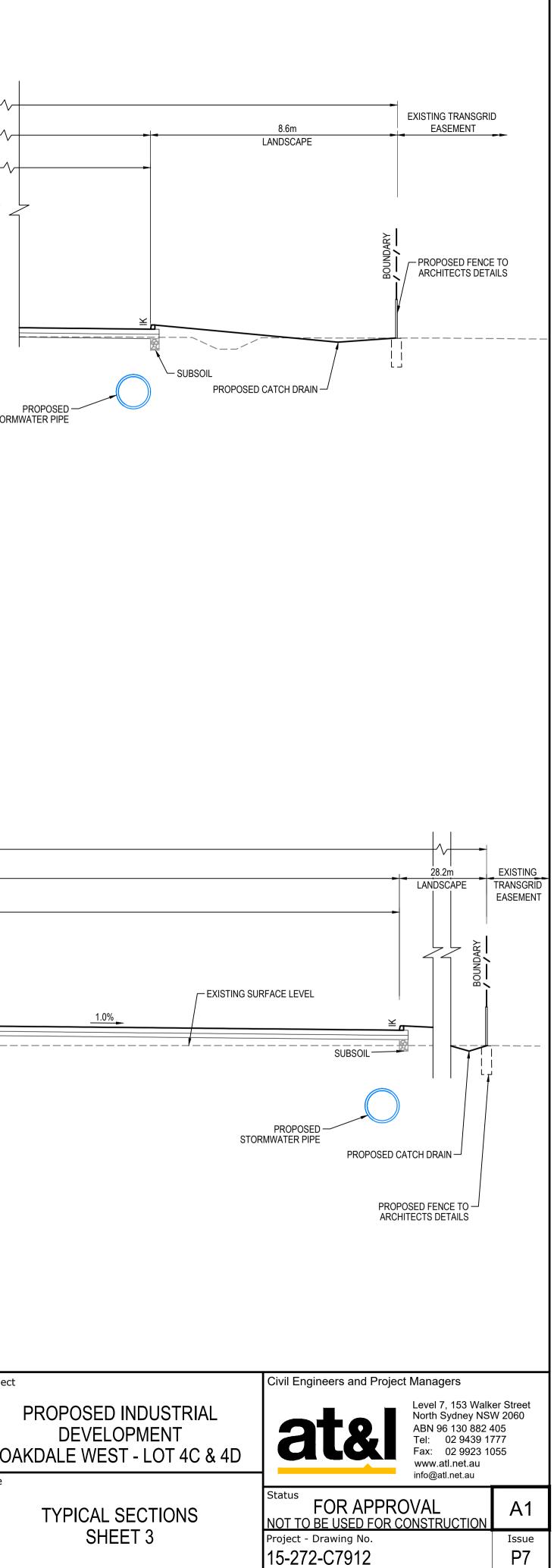
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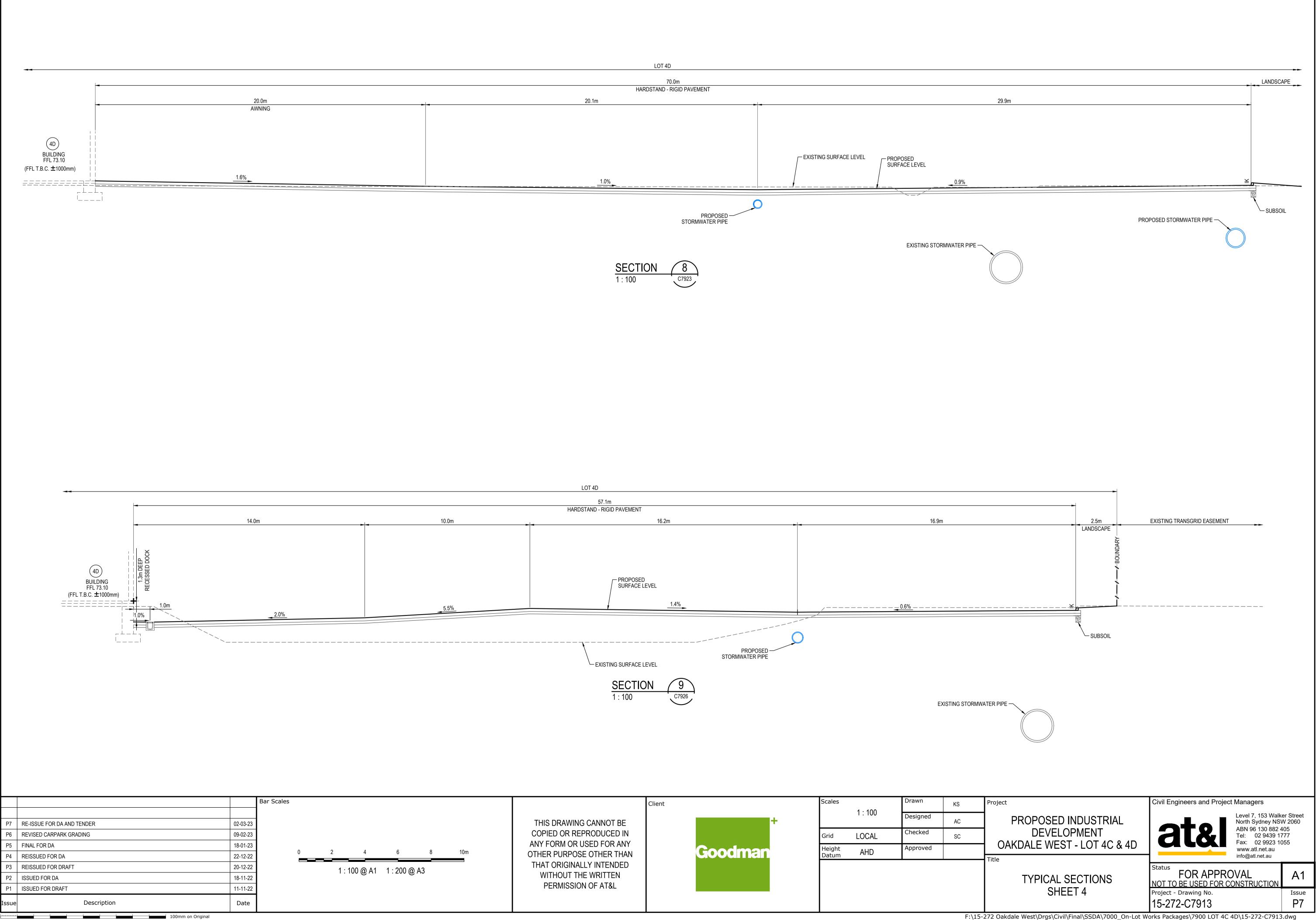
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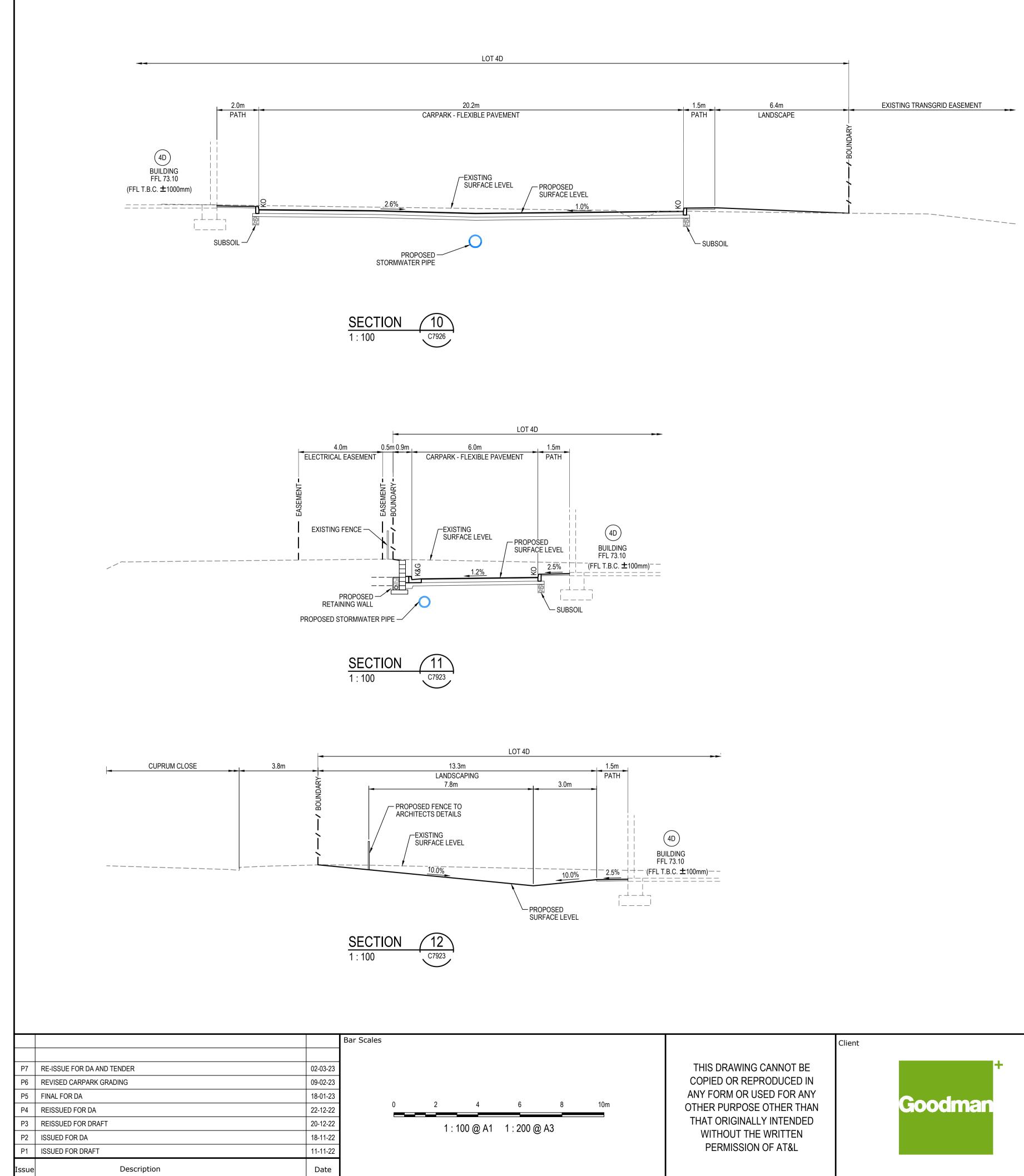
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PROPOSED STORMWATER PIPE						
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WITHOUT THE WRITTEN PERMISSION OF AT&L					
				E:\15-	272 Oak



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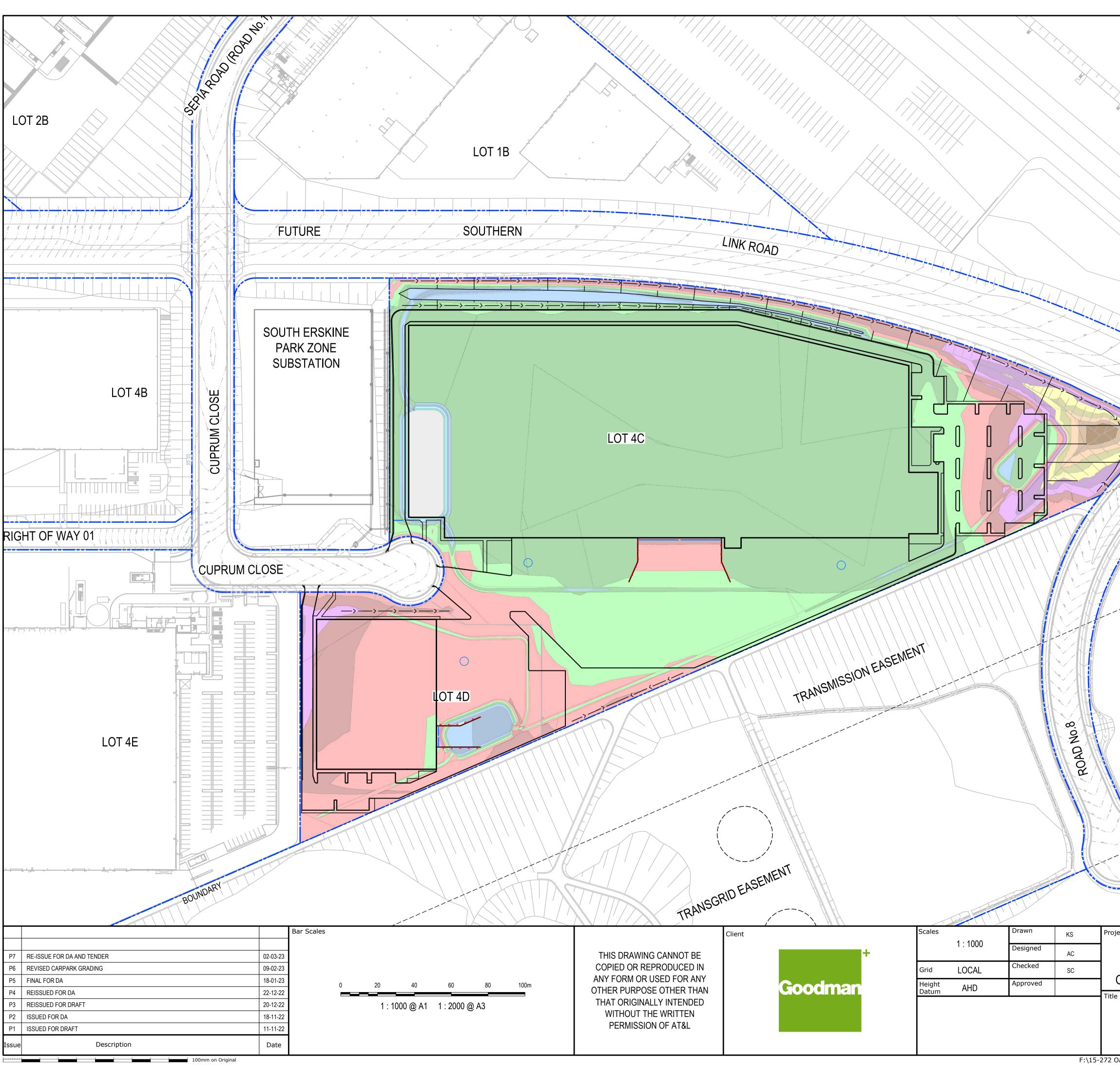
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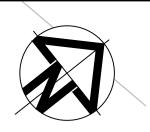
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THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L							Title
						F:\15-2	272 Oakdale

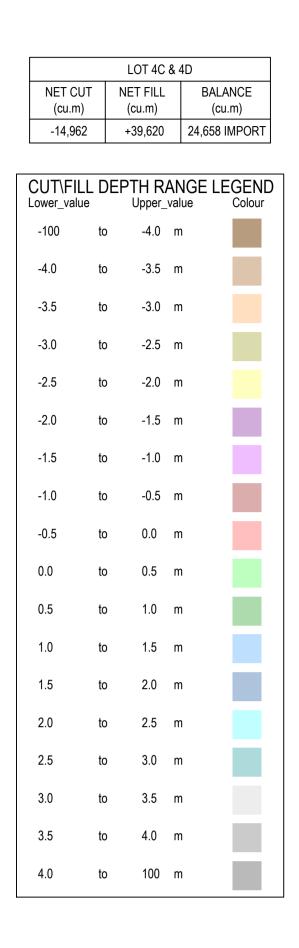
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST - LOT 4C & 4D	Level 7, 153 Walke North Sydney NSW ABN 96 130 882 4 Tel: 02 9439 17 Fax: 02 9923 10 www.atl.net.au info@atl.net.au	V 2060 05 77
TYPICAL SECTIONS	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
SHEET 5	Project - Drawing No. 15-272-C7914	Issue P7

Civil Engineers and Project Managers

Dakdale West\Drgs\Civil\Final\SSDA\7000_On-Lot Works Packages\7900 LOT 4C 4D\15-272-C7914.dwg





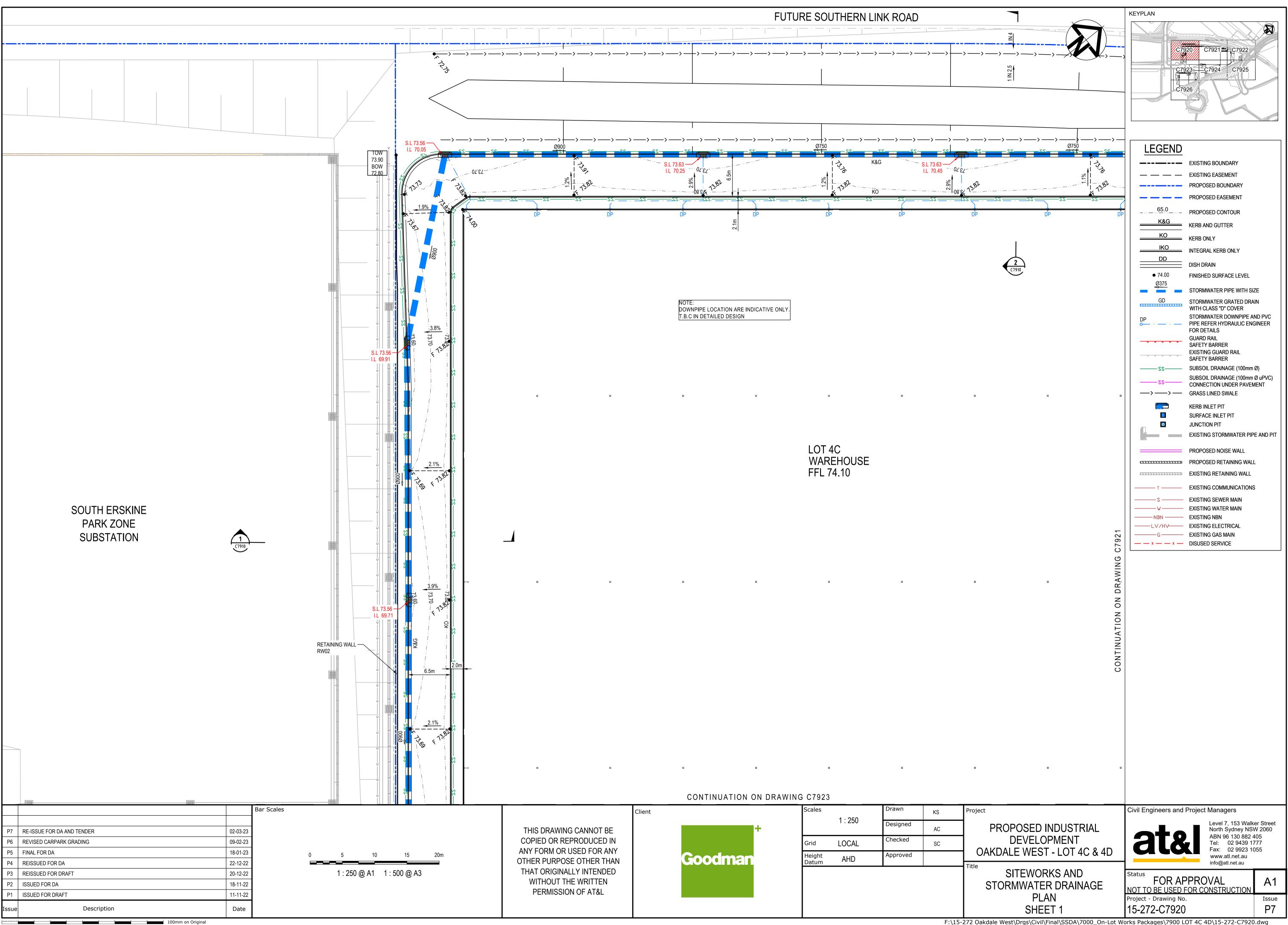


NOTES 1. THE ABOVE VOLUMES ARE CALCULATED WITH THE ASSUMPTION THAT THE INFRASTRUCTURE WORKS ARE COMPLETED.

- 2. ASSUMED 300mm SET DOWN FROM PRELIMINARY FINISHED LEVELS.
- 3. THE VOLUMES DO NOT TAKE INTO ACCOUNT THE FOLLOWING :-
 - BULKING FACTORS OF REMOVED CUT REMOVAL OF EXISTING BUILDING SLABS AND PAVEMENTS
 - REMOVAL AND\OR REMEDIATION OF
 - ANY EXISTING UNCONTROLLED FILL
 - PROPOSED LANDSCAPING
 - STORMWATER AND UTILITY TRENCHING
 - EROSION AND SEDIMENTATION CONTROL SWALES AND BASINS
 - NO ALLOWANCE FOR RETAINING WALL BACKFILL MATERIAL

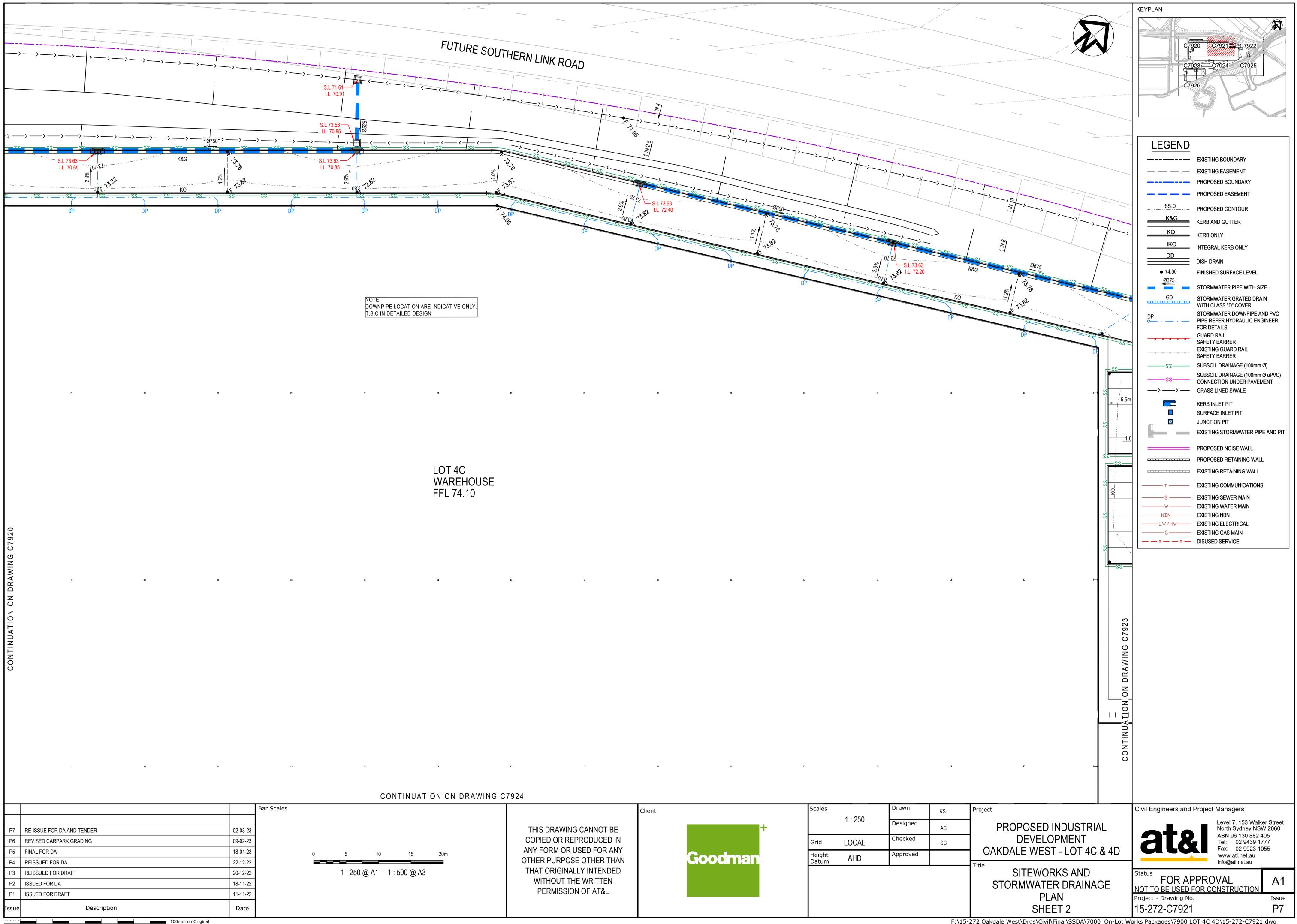
ject	Civil Engineers and Project Managers						
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST - LOT 4C & 4D	ABN 96 130 882 4 Tel: 02 9439 17 Fax: 02 9923 10 www.atl.net.au info@atl.net.au	N 2060 105 777					
e BULK EARTHWORKS	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION						
PLAN	Project - Drawing No. 15-272-C7915	Issue P7					

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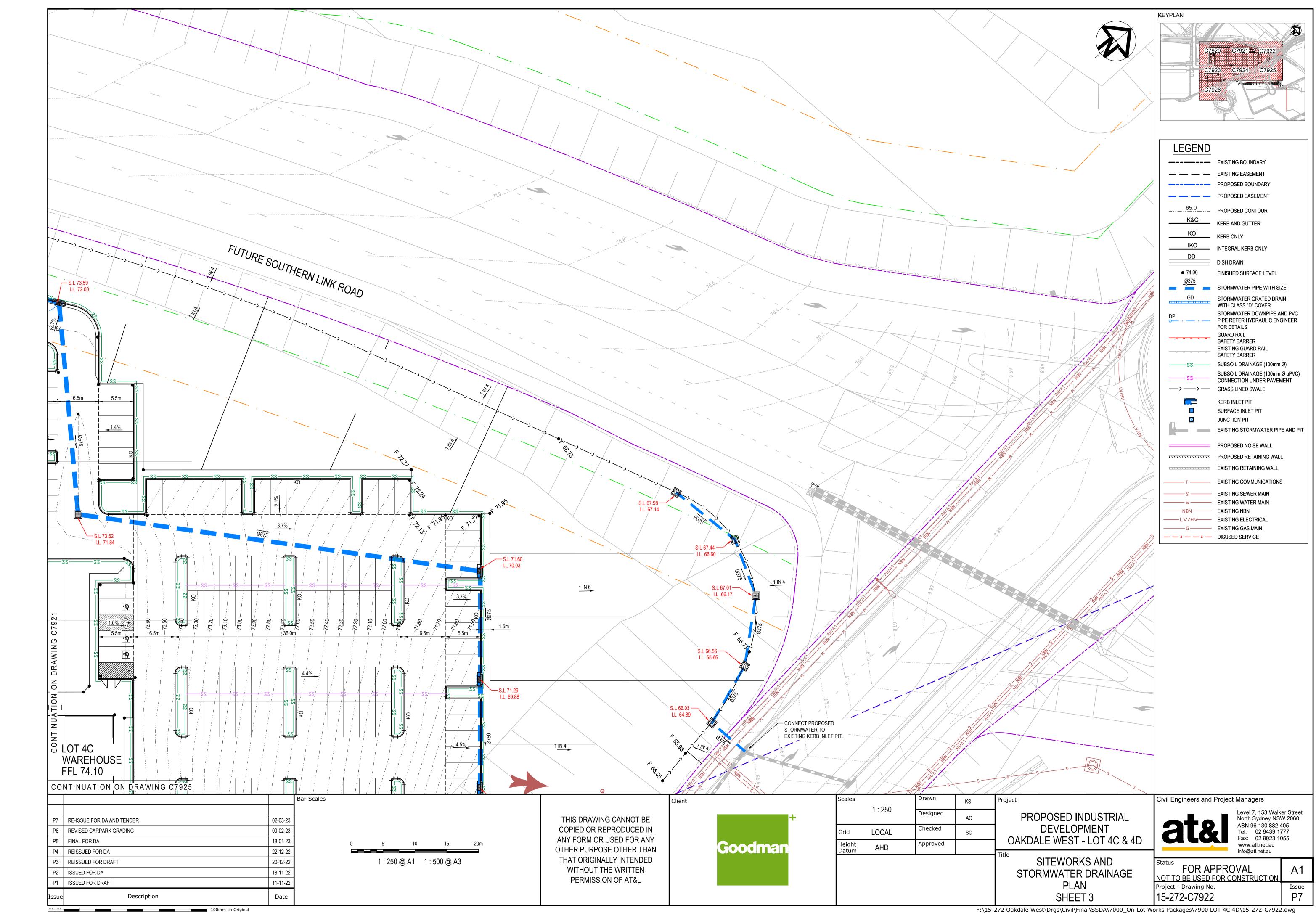
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ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN		Goodman	Height Datum	AHD	Approved		
THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L							— Title

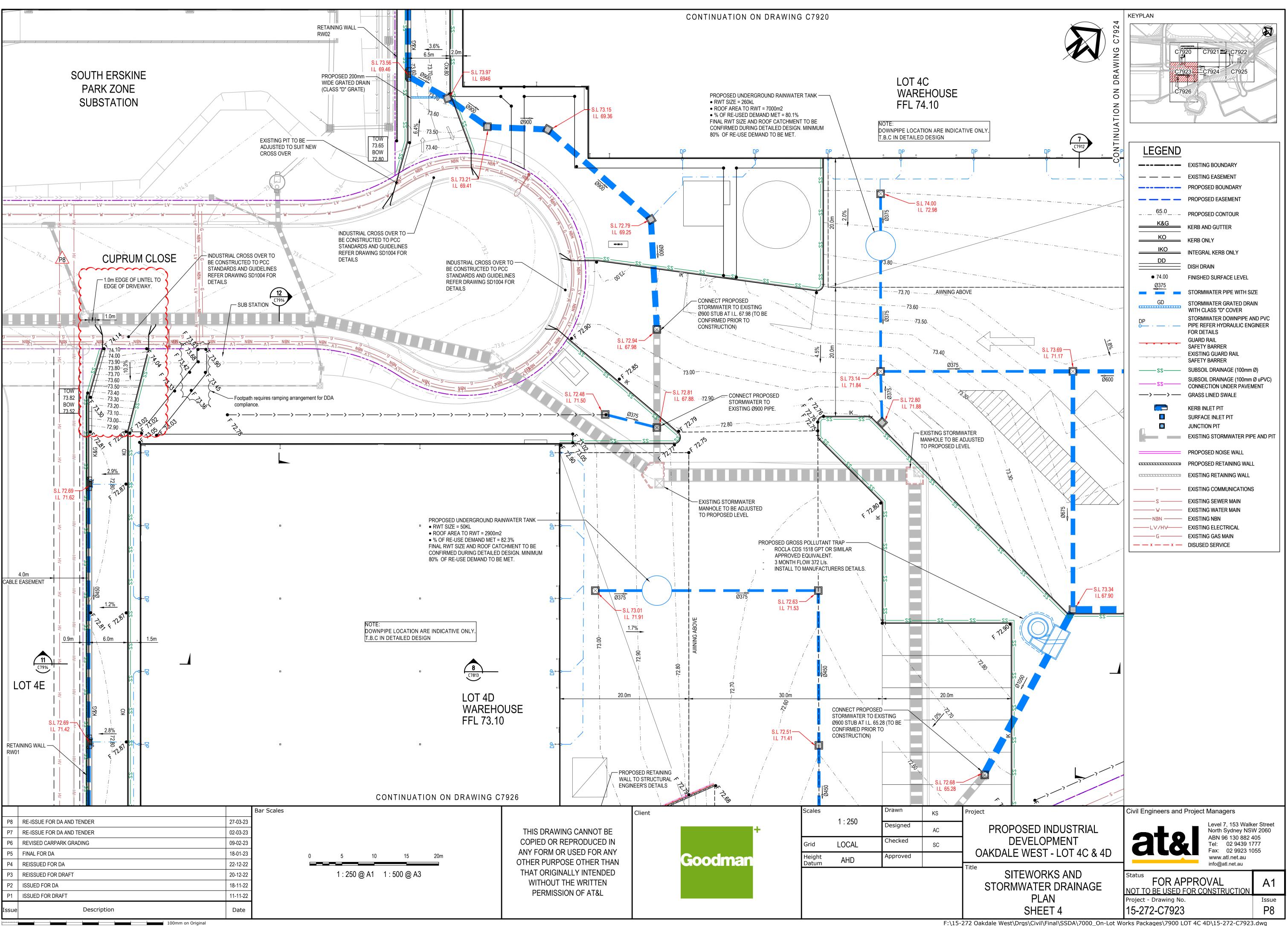
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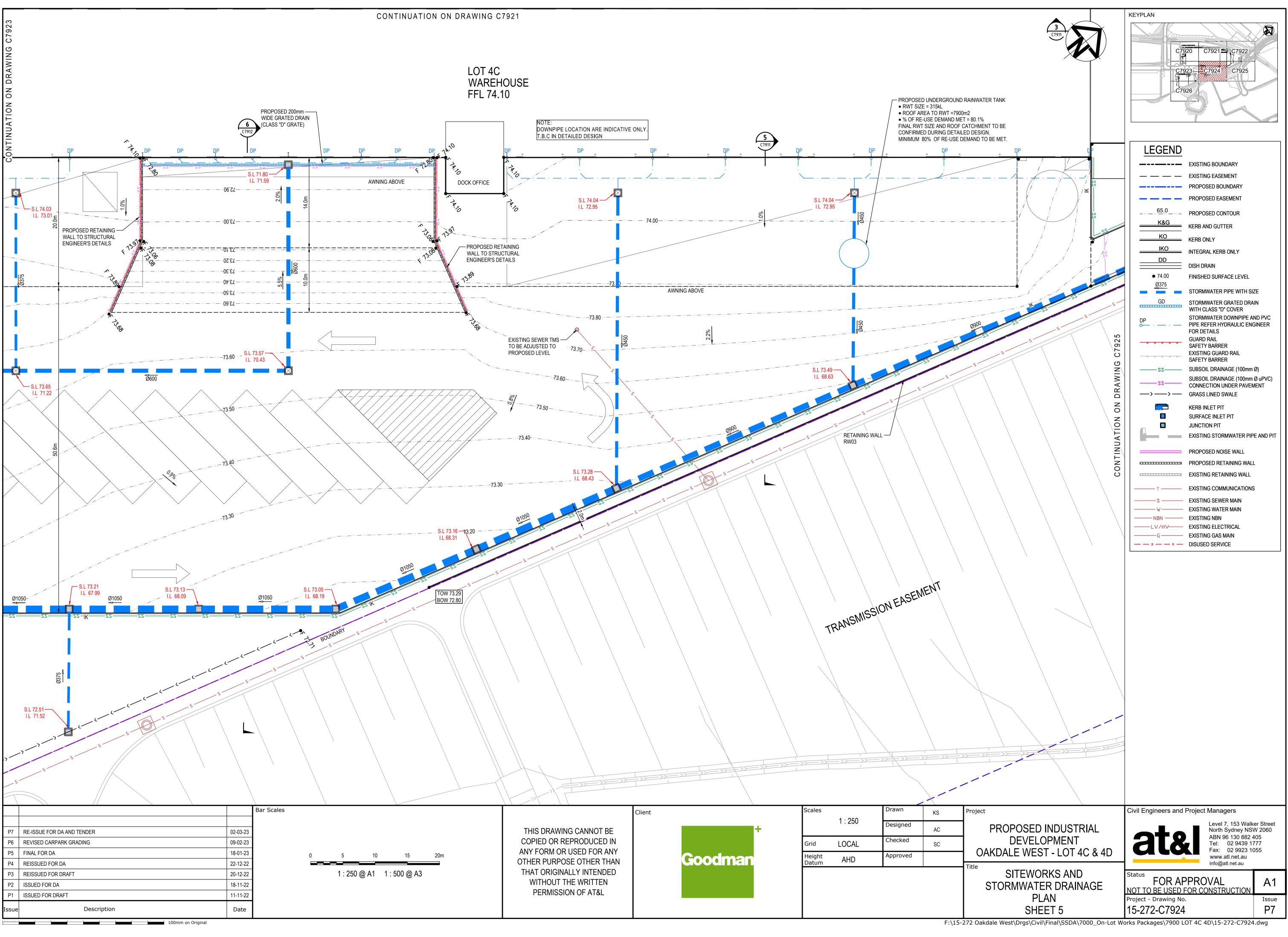
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				AC	
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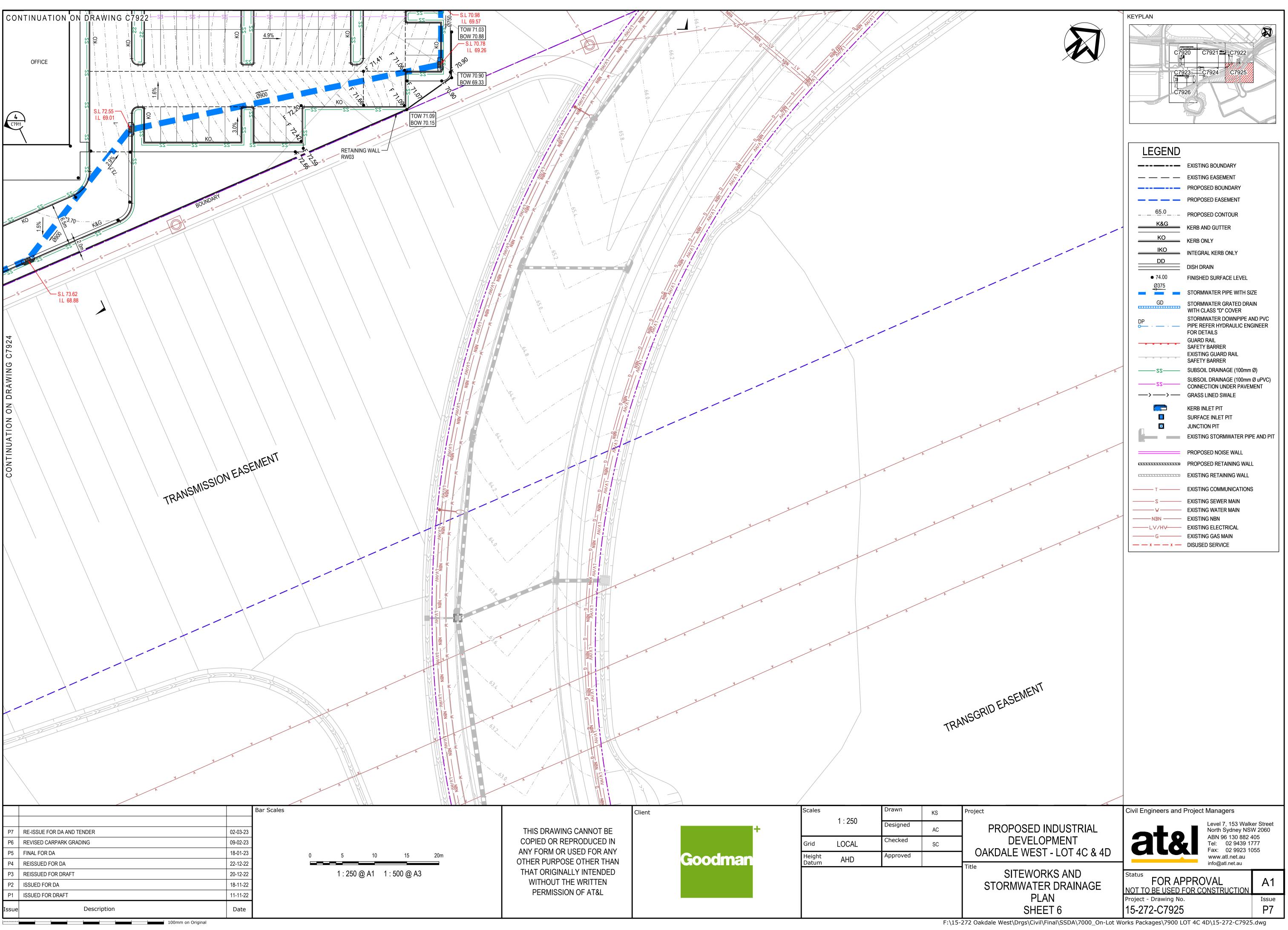
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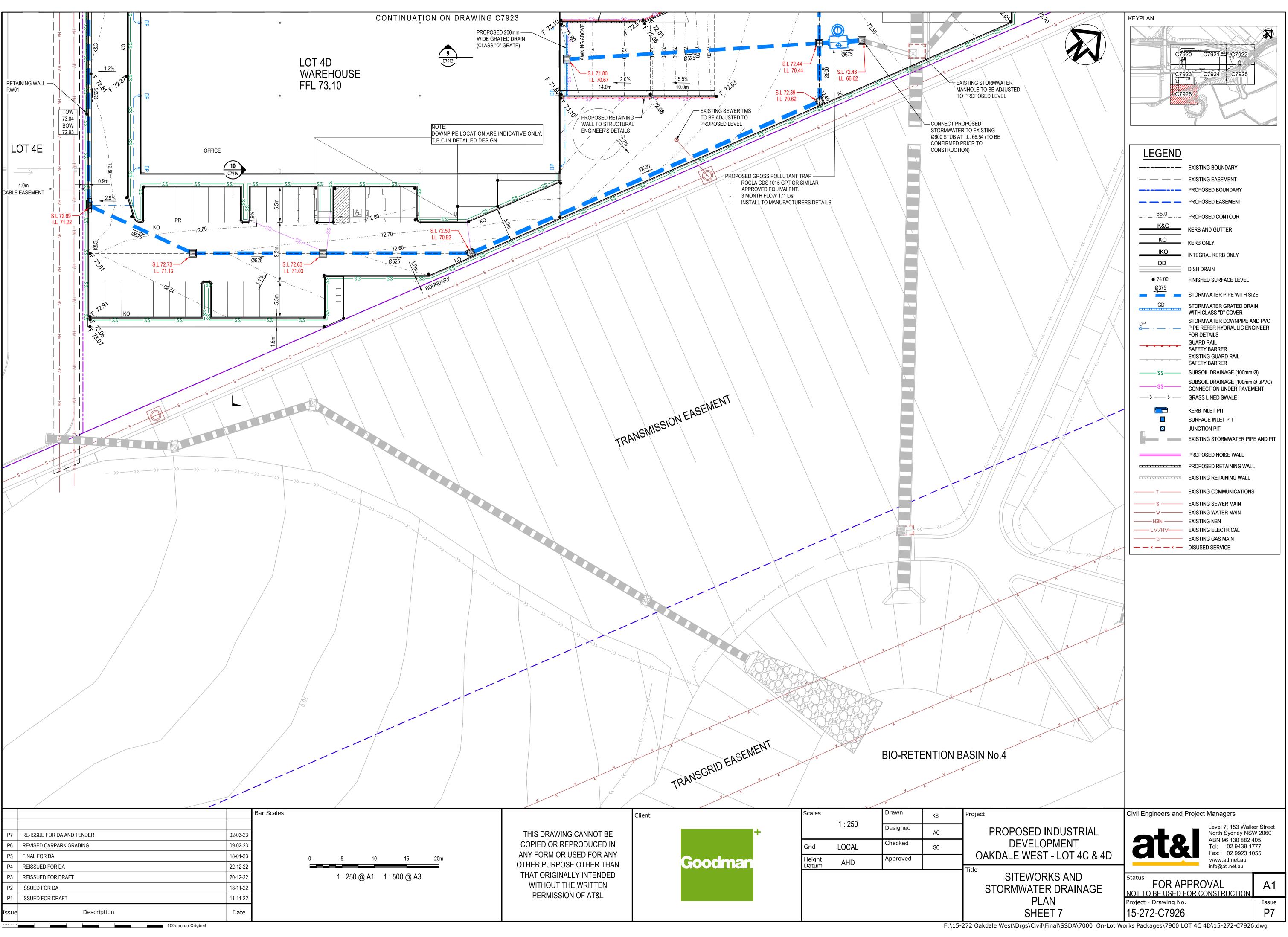


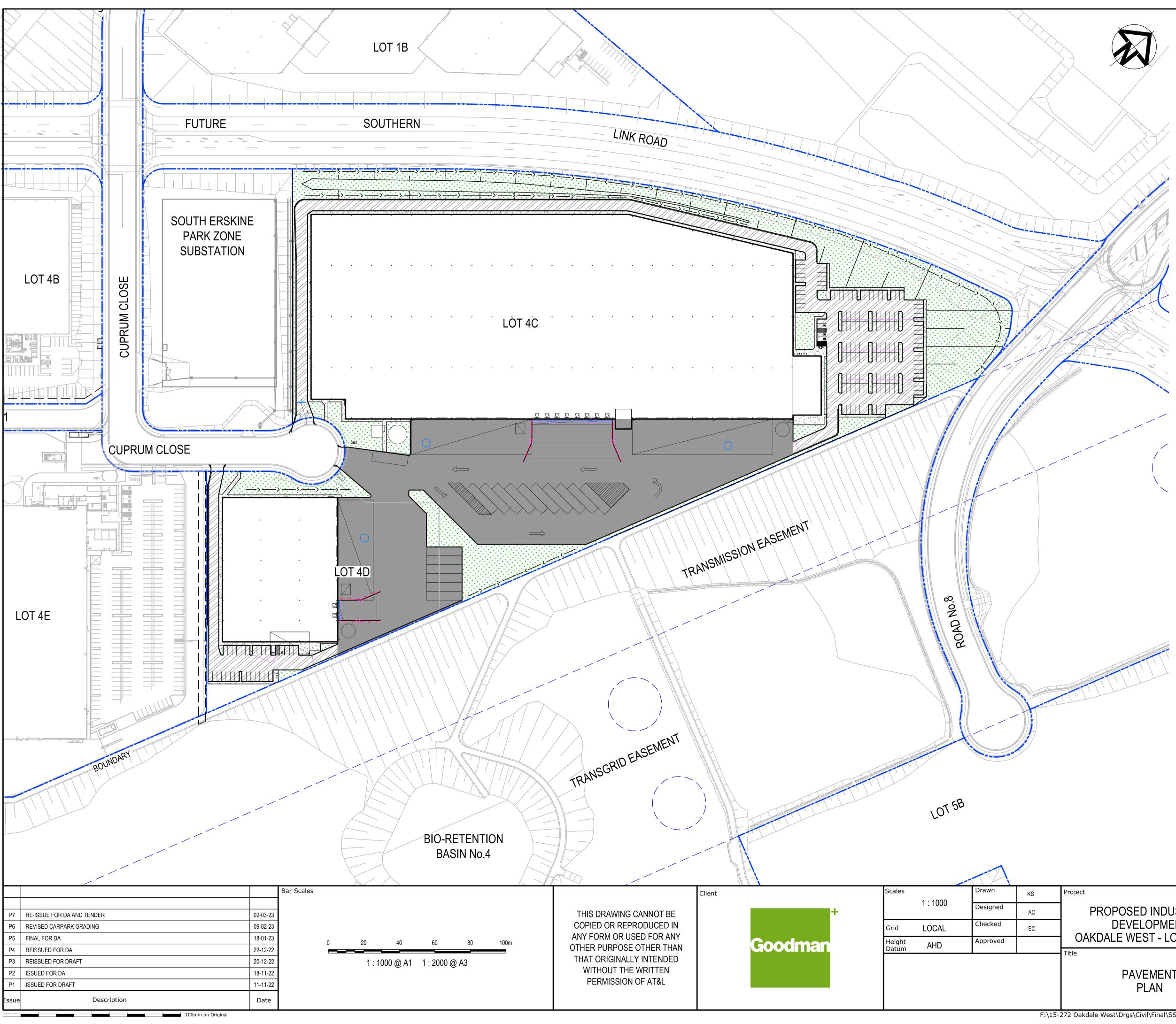


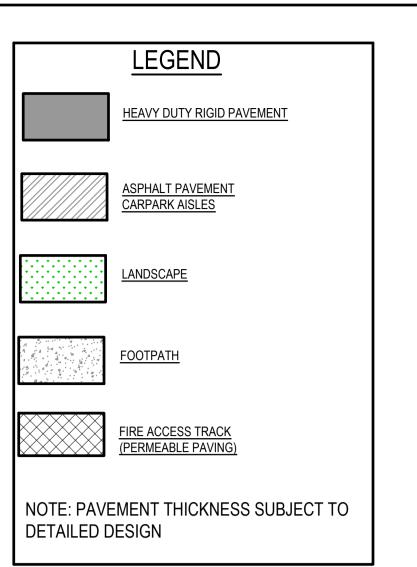
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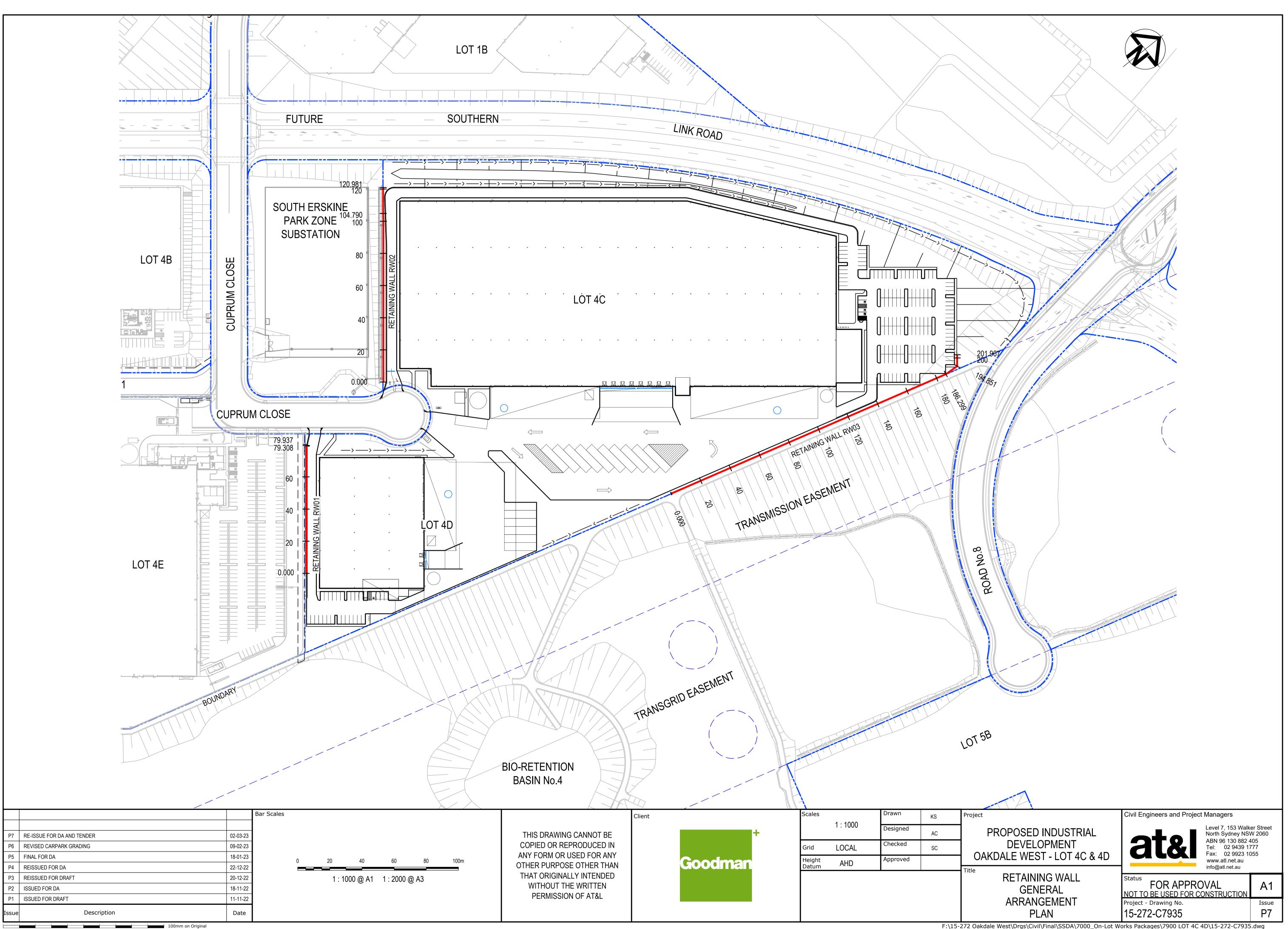






ject	Civil Engineers and Project Managers						
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST - LOT 4C & 4D	Level 7, 153 Walk North Sydney NSV ABN 96 130 882 4 Tel: 02 9439 17 Fax: 02 9923 10 www.atl.net.au info@atl.net.au	N 2060 105 777					
PAVEMENT	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION						
PLAN	Project - Drawing No. 15-272-C7930	Issue P7					

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	PROPOS TO STR DETAIL							EXISTING SURFACE					TOP OF WALL						
	f			22		- 22-				SURFA)			BC	DTTOM	OF WA	LL	
Datum RL45																			
BOTTOM OF RETAINING WALL	7 03	06.21	- 72.96	72.94	- 72.91	72.88	72.85 -	72.87 -	72.90	- 20 03		- 72.96	72.94 -	72.91 -	72.88	72.85 -	72.91 -	- 73.07	73.52
TOP OF RETAINING WALL	73 188	70.100	73.263	73.321	73.368	73.415	73.462	73.497	73.544	73 501	-	73.637	73.684	73.73	73.78	73.827	73.873	73.92	73.965
HEIGHT OF RETAINING WALL	0 758	007.0	0.303	0.381	0.458	0.535	0.612	0.627	0.644	0.661	-	0.677	0.744	0.820	0.900	0.977	0.966	0.853	0.445
EXISTING SURFACE LEVEL			73.41	73.47	73.52	73.56	73.61	73.65	73.69	73 7/	2	73.79	73.83	73.88	73.93	73.98	74.02	74.07	74.11
CHAINAGE			5.000	10.000	15.000	20.000	25.000	30.000	35.000			45.000	50.000	55.000	60.000	65.000	70.000	75.000	79.916

RETAINING WALL RW1 PROFILE

SCALE 1:500 HORI. 1:500 VERT.

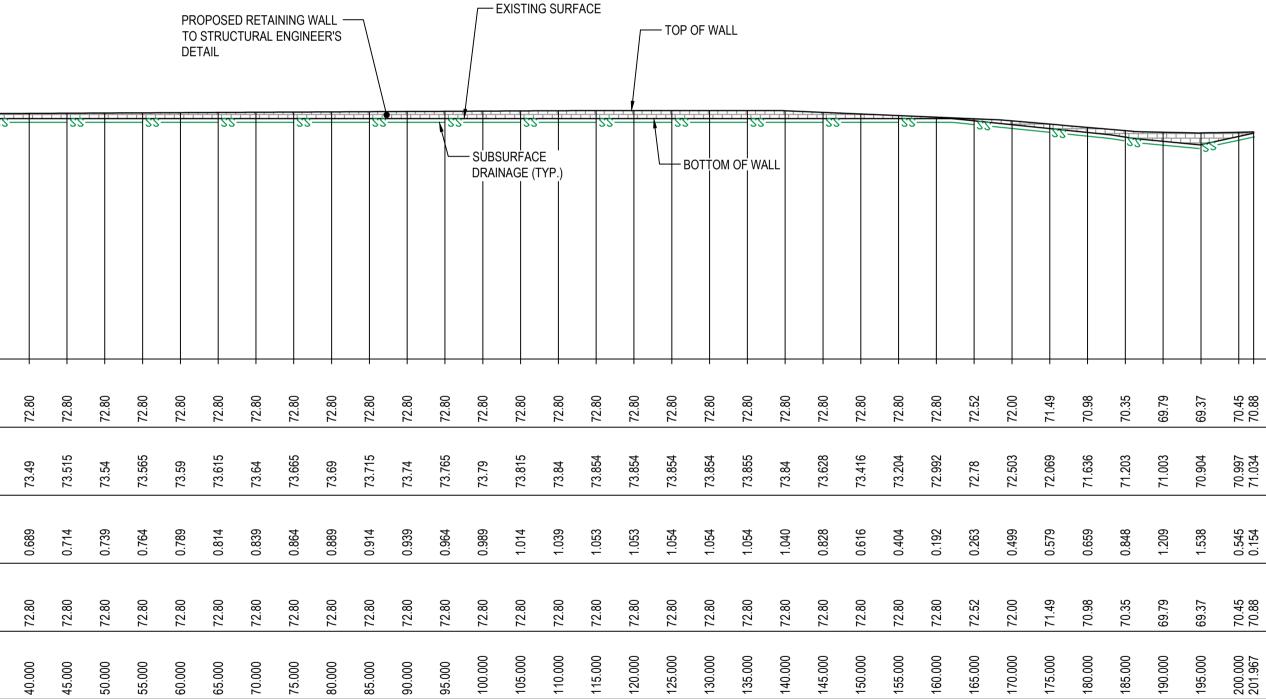
		22		22				- 5 2.
Datum RL41								
BOTTOM OF RETAINING WALL	72.80 -	72.80	72.80	72.80	72.80	72.80	72.80	72.80
TOP OF RETAINING WALL	73.29	73.315	73.34	73.365	73.39	73.415	73.44	73.465
HEIGHT OF RETAINING WALL	0.489	0.514	0.539	0.564	0.589	0.614	0.639	0.664
EXISTING SURFACE LEVEL	72.80	72.80	72.80	72.80	72.80	72.80	72.80	72.80
CHAINAGE	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000

			Bar Scales
P7	RE-ISSUE FOR DA AND TENDER	02-03-23	23
P6	REVISED CARPARK GRADING	09-02-23	23
P5	FINAL FOR DA	18-01-23	23 0 10 20 30 40 50m
P4	REISSUED FOR DA	22-12-22	
P3	REISSUED FOR DRAFT	20-12-22	1 : 500 @ A1 1 : 1000 @ A3
P2	ISSUED FOR DA	18-11-22	
P1	ISSUED FOR DRAFT	11-11-22	22
Issue	Description	Date	2

100mm on Original

						T			TAININ(AL ENG					
		<u> </u>						<u></u>				• 55		SUE DR/
Datum RL45														
BOTTOM OF RETAINING WALL	72.80 -	72.80 -	72.80 -	72.80 -	72.80 -	72.80 -	72.80 -	72.80 -	72.80 -	72.80 -	72.80 -	72.80 -	72.80 -	72.80 -
TOP OF RETAINING WALL	73.653	73.73	73.801	73.833	73.863	73.893	73.923	73.916	73.884	73.851	73.819	73.824	73.856	73.889
HEIGHT OF RETAINING WALL	0.850	0.928	0.998	1.030	1.060	1.090	1.120	1.113	1.081	1.049	1.016	1.022	1.054	1.087
EXISTING SURFACE LEVEL	72.80	72.80	72.80	72.80	72.80	72.80	72.80	72.80	72.80	72.80	72.80	72.80	72.80	72.80
CHAINAGE	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	00009	65.000

RETAINING WALL RW2 PROFILE SCALE 1:500 HORI. 1:500 VERT.



RETAINING WALL RW3 PROFILE

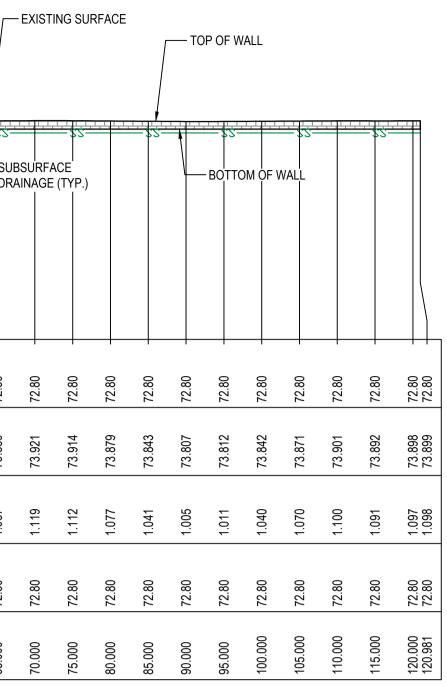
SCALE 1:500 HORI. 1:500 VERT.

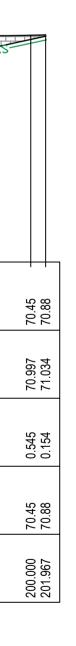
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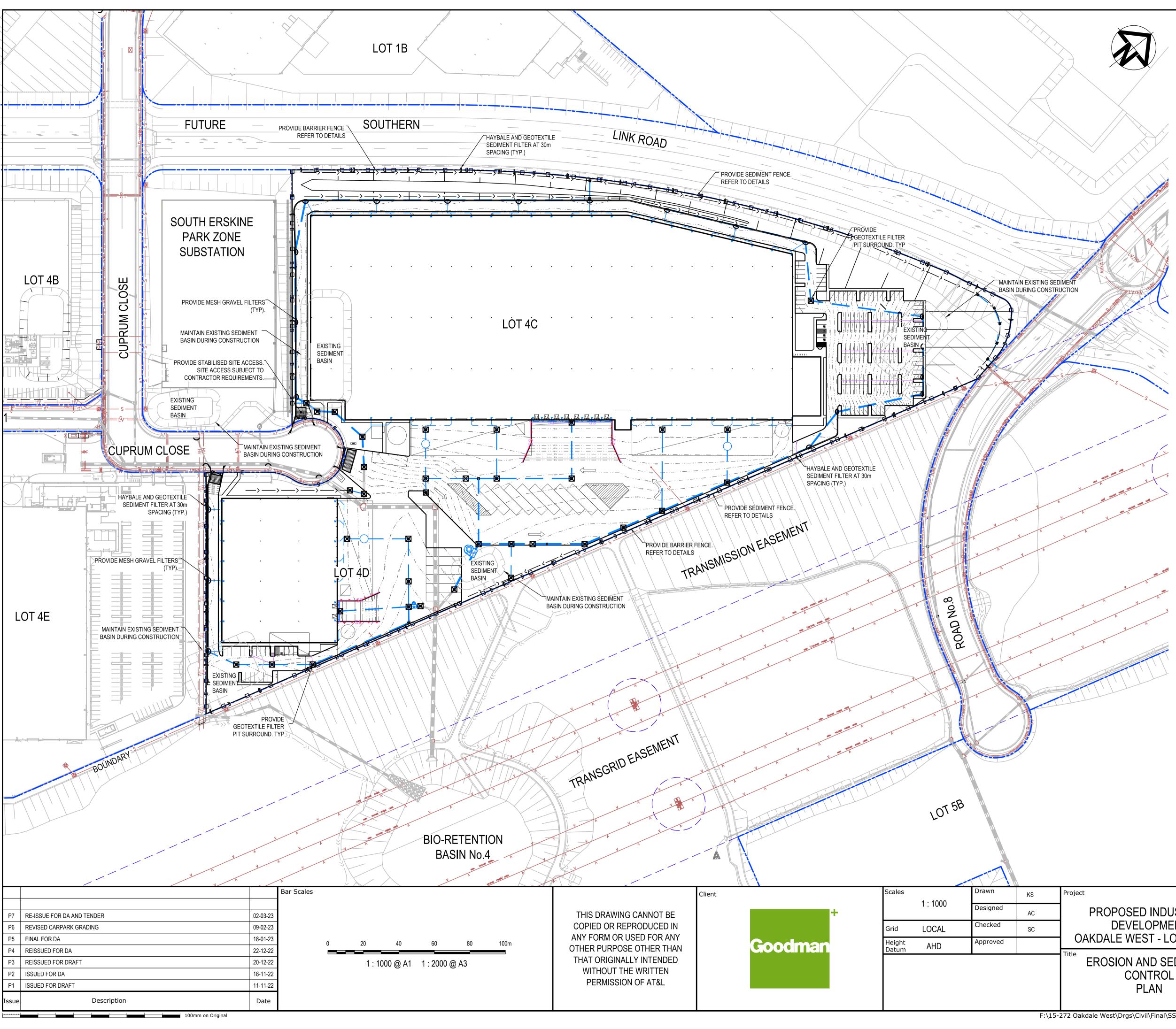


Scales		Drawn		Project	Civil Engineers and Project Managers				
ocures	1.500	-	KS	FIOJECL	own Engineers and Project Managers				
	1 : 500	Designed	AC	PROPOSED INDUSTRIAL	Level 7, 153 Walk North Sydney NS	W 2060			
Grid	LOCAL	Checked	SC	DEVELOPMENT OAKDALE WEST - LOT 4C & 4D	ABN 96 130 882 4 Tel: 02 9439 1 Fax: 02 9923 1	777			
Height Datum	AHD	Approved		UARDALE WEST - LUT 4C & 4D	www.atl.net.au info@atl.net.au				
Datum				Title	inio@au.net.au				
				RETAINING WALL	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1			
				PROFILES	Project - Drawing No.	Issue			
					15-272-C7936	P7			

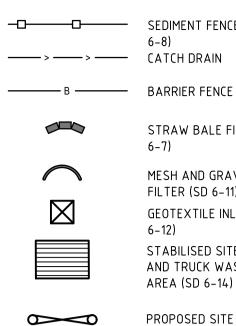




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<u>LEGEND</u>



6-8)

STRAW BALE FILTER (SD 6-7)

MESH AND GRAVEL INLET FILTER (SD 6-11)

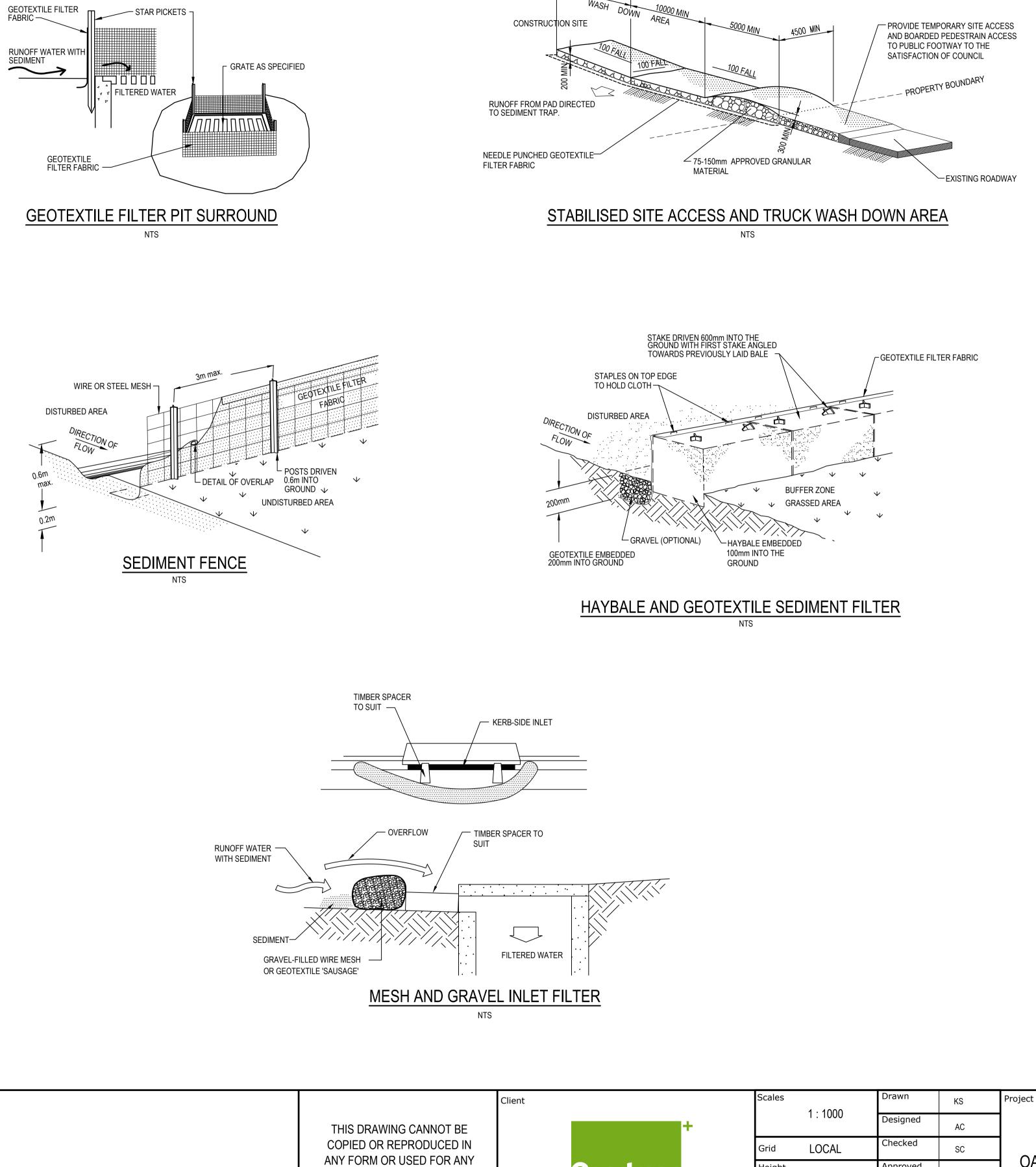
GEOTEXTILE INLET (SD 6-12) STABILISED SITE ACCESS

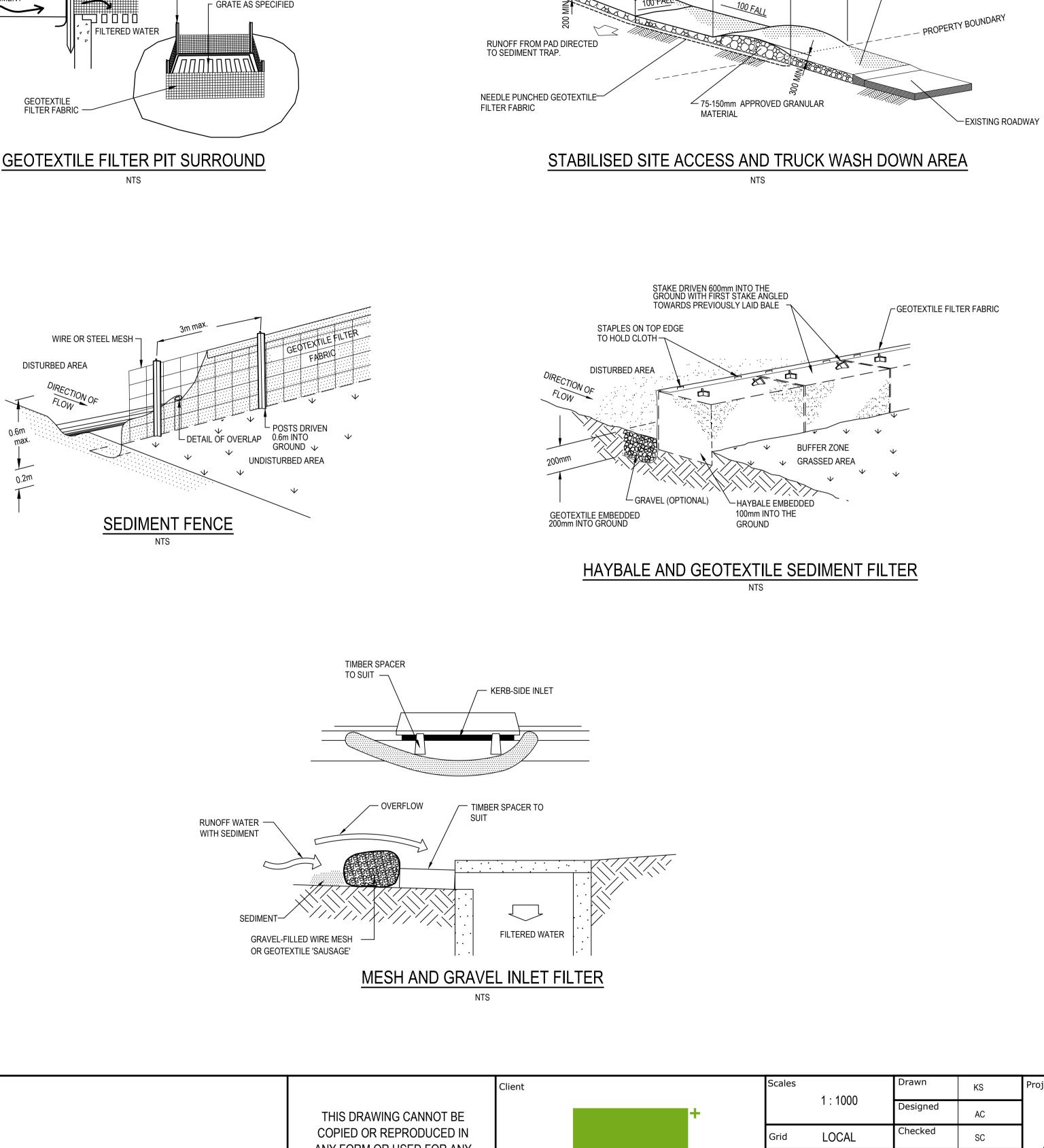
AND TRUCK WASH DOWN AREA (SD 6-14)

PROPOSED SITE ACCESS GATE

Civil Engineers and Project Managers Level 7, 153 Walker Street North Sydney NSW 2060 PROPOSED INDUSTRIAL ABN 96 130 882 405 DEVELOPMENT Tel: 02 9439 1777 OAKDALE WEST - LOT 4C & 4D Fax: 02 9923 1055 www.atl.net.au info@atl.net.au **EROSION AND SEDIMENT** Status FOR APPROVAL A1 NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. Issue 15-272-C7940 P7

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OTHER PURPOSE OTHER THAN

THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L

Height Datum

AHD

P7	RE-ISSUE FOR DA AND TENDER	02-03-23
P6	REVISED CARPARK GRADING	09-02-23
P5	FINAL FOR DA	18-01-23
P4	REISSUED FOR DA	22-12-22
P3	REISSUED FOR DRAFT	20-12-22
P2	ISSUED FOR DA	18-11-22
P1	ISSUED FOR DRAFT	11-11-22
Issue	Description	Date
		100mm on Original

Approved

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST - LOT 4C & 4D	Level 7, 153 Walk North Sydney NSV ABN 96 130 882 4 Tel: 02 9439 17 Fax: 02 9923 10 www.atl.net.au info@atl.net.au	V 2060 05 77
EROSION AND SEDIMENT DETAILS	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
	Project - Drawing No. 15-272-C7941	Issue P7

Civil Engineers and Project Managers

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