

RETAINING WALL RW01-01 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

								ТОГ	P OF WALL							
	WALL AREA = 1	,114m²														
								ВОТТ	OM OF WALL							
_Datum RL32																
BOTTOM OF RETAINING WALL			- 60.550	60.653 -	29.79	- 60.655	60.565	- 60.658	- 60.573	- 60.657 -	60.583 -	- 099.09	- 069.09	- 00.700	- 00.700	60.665 -
TOP OF RETAINING WALL	59.584	90.366	61.311	62.195	64.141	66.231	66.21	65.568	66.415	66.2	65.053	63.85	63.083	64.391	65.654	67.214
HEIGHT OF RETAINING WALL	-0.885	-0.287	0.761	1.542	3.584	5.576	5.646	4.910	5.842	5.543	4.471	3.190	2.493	3.691	4.954	6.549
CHAINAGE	0.000	20.000	40.000	000009	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000

RETAINING WALL RW01-01 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

			Bar Scales				Client		Scales	Drawn	PDK
				0 10 20 30	40 50m	THIS DRAWING CANNOT BE			AS SHOWN	Designed	PDK
				1 : 500 @ A1 1 : 100	n @ Δ3	COPIED OR REPRODUCED IN			Grid GDA94 MGA5	6 Checked	ТМ
E RTS S	SUBMISSION	08-04-22		1.300 @ A1 1.100	0 @ 73	ANY FORM OR USED FOR ANY		FCD	Height ALID	Approved	1
D RTS IS	SSUE	11-11-21		0 1 2 3	4 5m	OTHER PURPOSE OTHER THAN		ESK	Height Datum AHD		
C RTS IS	SSUE	12-10-21				THAT ORIGINALLY INTENDED					
B ISSUE	ED FOR DEVELOPMENT APPLICATION	19-04-21		1:50 @ A1 1:100	@ A3	WITHOUT THE WRITTEN					
A ISSUE	ED FOR DEVELOPMENT APPLICATION	22-12-20		_		PERMISSION OF AT&L					
ssue	Description	Date									

Diawii	PDK	Project PROPOSED INDUSTRIAL
Designed	PDK	DEVELOPMENT
Checked	ТМ	WESTLINK
Approved		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

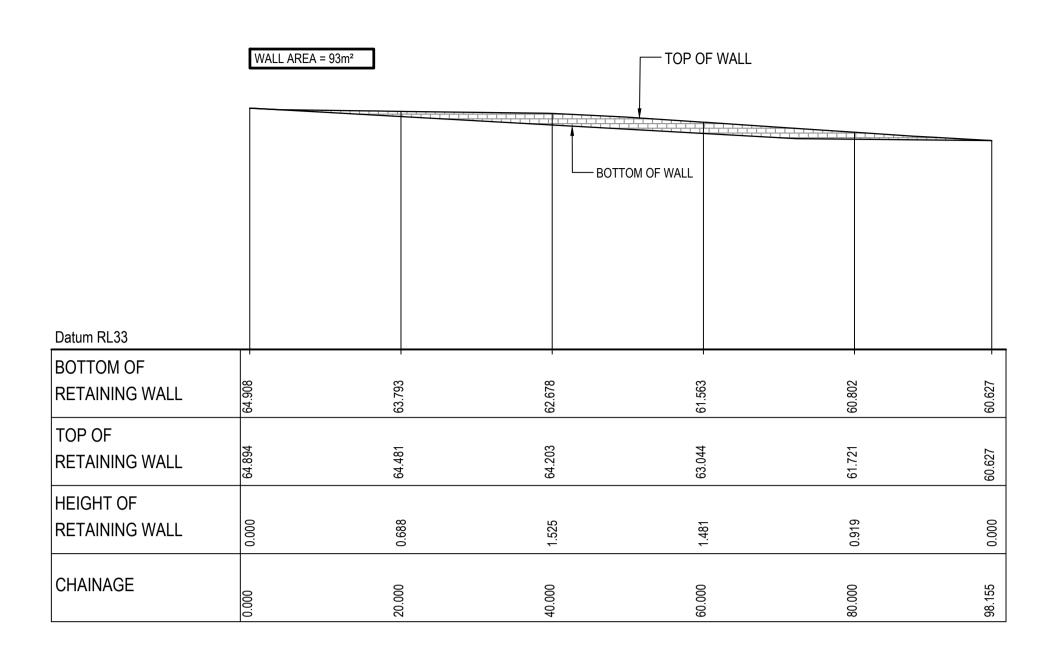
Tel: 02 9439 1777

Fax: 02 9923 1055

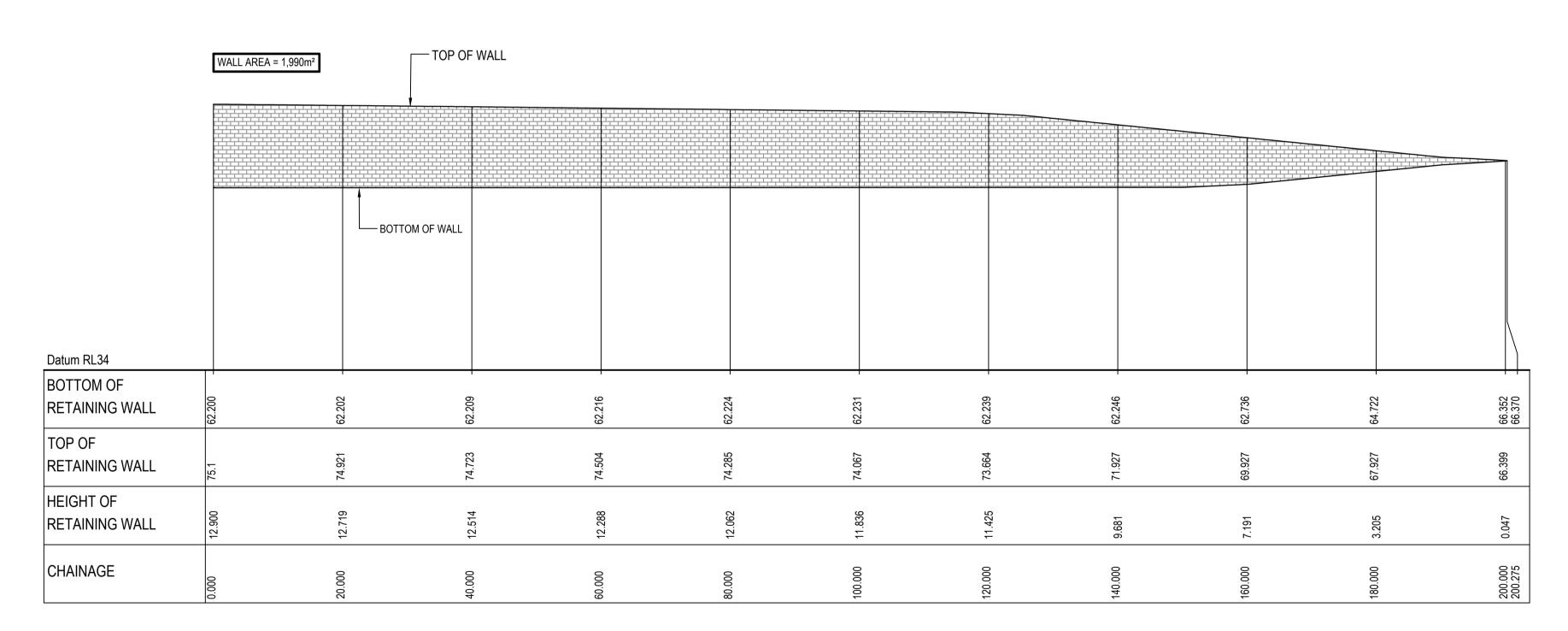
www.atl.net.au
info@atl.net.au

FOR APPROVAL A1
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No. Issue
20-748-C1085



RETAINING WALL RW01-03 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.



RETAINING WALL RW01-02 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

C RTS ISSUE 12-10-21 1:500 @ A1 1:1000 @ A3 THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L RETAINING WALL PROFILES Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PERMISSION OF AT&L Issue Description Date Description Date THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PERMISSION OF AT&L Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. Issue 20-748-C1086 E	E	RTS SUBMISSION 08-04-22 RTS ISSUE 11-11-21	0 10 20 30 40 50m	THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN	Client	Scales 1:500 Grid GDA94 MGA56 Height AHD	Drawn Designed Checked Approved	PDK PDK TM	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
		RTS ISSUE 12-10-21 ISSUED FOR DEVELOPMENT APPLICATION 19-04-21 ISSUED FOR DEVELOPMENT APPLICATION 22-12-20	1 : 500 @ A1 1 : 1000 @ A3	WITHOUT THE WRITTEN	LJK				PROFILES	NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. Issue

TOP OF WALL WALL AREA = 211m² BOTTOM OF WALL Datum RL22 BOTTOM OF RETAINING WALL TOP OF TIER 1 RETAINING WALL TOP OF TIER 2 RETAINING WALL TOP OF TIER 3 RETAINING WALL HEIGHT OF RETAINING WALL CHAINAGE

NOTES: ALL FINISHED LEVELS ARE ±2000mm U.N.O REFER TO DRG C1020 FOR TYPICAL WALL SECTIONS

NOTE:

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

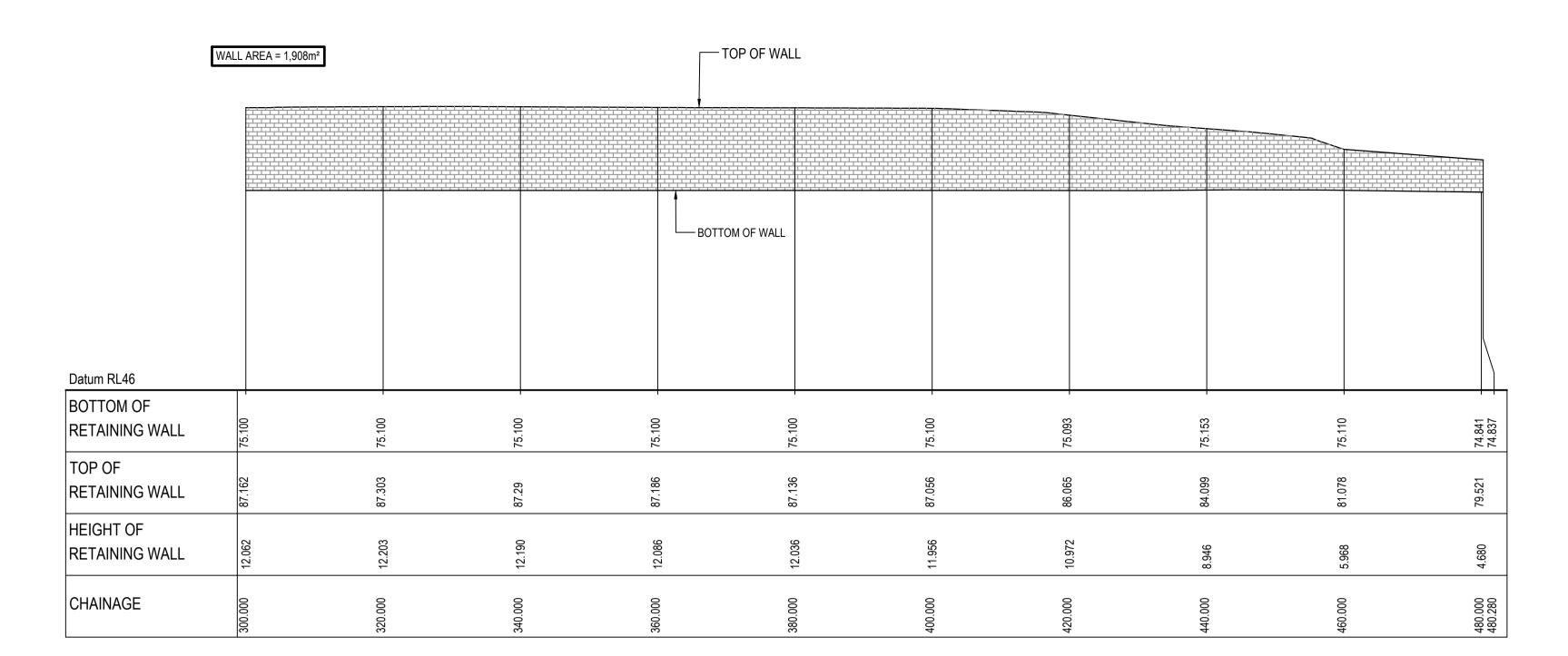
RETAINING WALL RW01-04 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

				ТО	P OF WALL										
WALL AREA = 1,688m ²					TOM OF WALL										
Datum RL22 BOTTOM OF	2			4	2	7	0			0	4	33		2	2
TOP OF TIER 1 RETAINING WALL	9.300 57.30 3.552 56.55	.778 55.77	3.841 54.84	53.77	1.675 52.67	3.547 51.54	2.740 50.74	2.441 50.44	.628 50.62	3.400 51.40	3.934 51.93	1.373 52.37	1.917 52.91	5.805 53.80	3.795 54.79
TOP OF TIER 2 RETAINING WALL	60.552 58	59.778	58.841 56	57.774 56	56.675	55.547 53	54.740 52	54.441 52	54.628	55.400 53	55.934 53	56.373 54	56.917 54	57.805 55	58.795
TOP OF TIER 3 RETAINING WALL			60.841	59.774	58.675	57.547	56.740	56.441	56.628	57.400	57.934	58.373	58.917	59.805	
HEIGHT OF RETAINING WALL	4.000	4.000	4.000	9.000	00009	9.000	9:000	00009	00009	0.000	0.000	9.000	000.9	9.000	4.000
CHAINAGE	20.000	40.000	000.09	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000

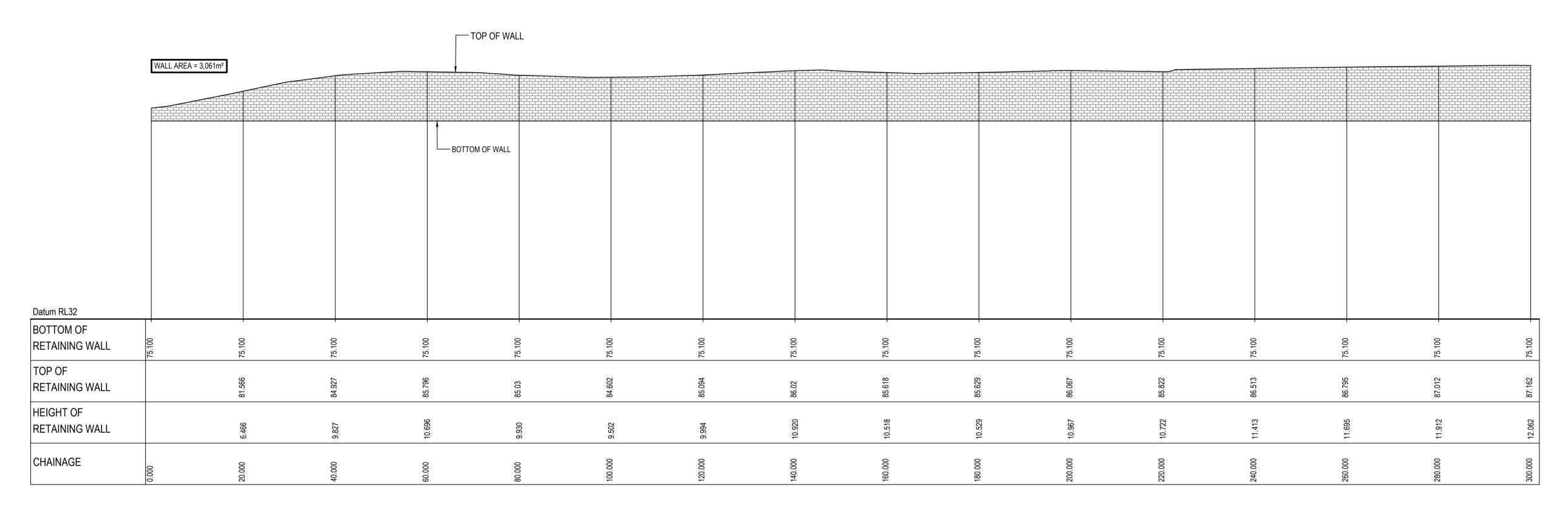
RETAINING WALL RW01-04 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

	RTS SUBMISSION RTS ISSUE	08-04-22	0 10 20 30 40 50m	THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN	Client	Scales 1:500 Grid GDA94 MGA56 Height AHD	Drawn Designed Checked Approved	PDK PDK TM	Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers Level 7, 153 V North Sydney ABN 96 130 8 Tel: 02 943 Fax: 02 992 www.atl.net.au info@atl.net.au	882 405 39 1777 23 1055 au
С	RTS ISSUE	12-10-21	1 : 500 @ A1 1 : 1000 @ A3	THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN						FOR APPROVAL	A1
В	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21			600				RETAINING WALL	NOT TO BE USED FOR CONSTRUCTION	
Α	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20		PERMISSION OF AT&L					PROFILES		
Issu	Description	Date							SHEET 3	Project - Drawing No. 20-748-C1087	Issue E
	100mm on Original								F:\20-748 ESR Mamre\6.0 Drgs\Civil\Fina	il\SSDA\1000_INFRASTRUCTURE\20-748-C1	.087.dwg

NOTES: ALL FINISHED LEVELS ARE ±2000mm U.N.O REFER TO DRG C1020 FOR TYPICAL WALL SECTIONS



RETAINING WALL RW01A-01 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.



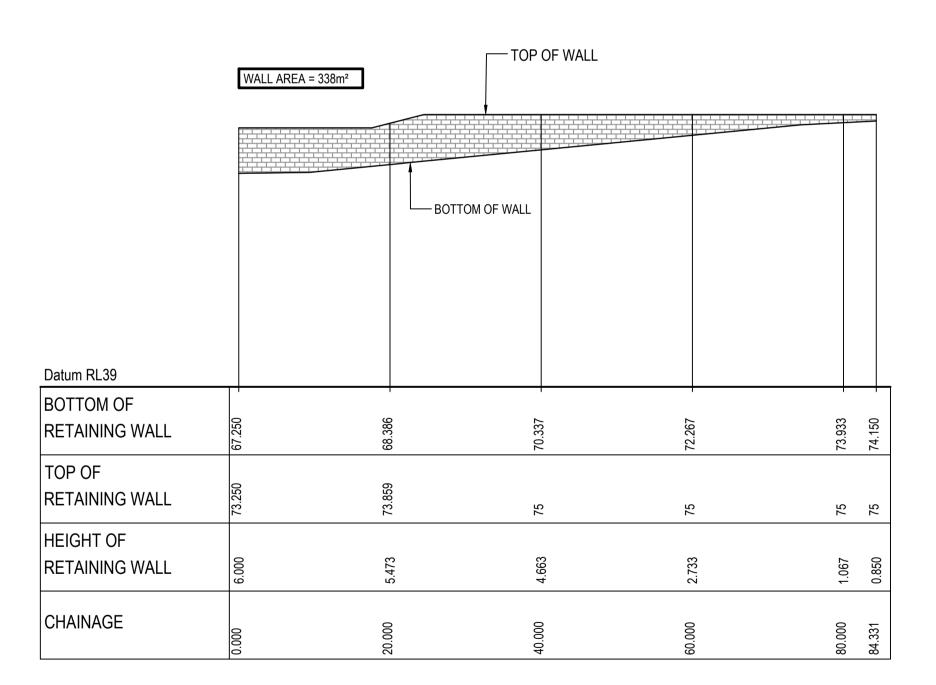
RETAINING WALL RW01A-01 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

			Bar Scales		Client	Scales 1:500	Drawn	PDK	Project PROPOSED INDUSTRIAL	Civil Engineers and Project Managers	
				THIS DRAWING CANNOT BE		1.500	Designed	PDK	DEVELOPMENT	Level 7, 153 Wa North Sydney N	SW 2060
				COPIED OR REPRODUCED IN		Grid GDA94 MGA56	Checked	TM	WESTLINK	ABN 96 130 882 Tel: 02 9439	1777
Е	RTS SUBMISSION	08-04-22	0 10 20 30 40 50m	ANY FORM OR USED FOR ANY	ECD	11-1-1-1	Approved		KEMPS CREEK	Fax: 02 9923 www.atl.net.au	
D	RTS ISSUE	11-11-21	4 500 0 44 4 4000 0 40	OTHER PURPOSE OTHER THAN	ESK	Datum AHD			Title	info@atl.net.au	
С	RTS ISSUE	12-10-21	1 : 500 @ A1 1 : 1000 @ A3	THAT ORIGINALLY INTENDED						Status FOD ADDDOVAL	
В	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21		WITHOUT THE WRITTEN					RETAINING WALL	FOR APPROVAL	A1
Α	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20		PERMISSION OF AT&L					PROFILES	NOT TO BE USED FOR CONSTRUCTION Project - Drawing No.	Issue
Issue	Description	Date							SHEET 4	20-748-C1088	E
	100mm on Original	•				-			F:\20-748 ESR Mamre\6.0 Drgs\Civil\Fina	\SSDA\1000_INFRASTRUCTURE\20-748-C10	88.dwg

ALL FINISHED LEVELS ARE ±2000mm U.N.O REFER TO DRG C1020 FOR TYPICAL WALL SECTIONS

		_	Т-Т	OP OF WALL					
	WALL AREA = 571m ²		BOTT	OM OF WALL					
Datum RL39 BOTTOM OF									
RETAINING WALL	67.252	68.352	69.439	70.300	71.127	71.953	72.800	73.605	74.312 74.315
TOP OF TIER 1 RETAINING WALL	69.252	70.352	71.439	72.300	73.127	73.953	74.780	74.800	74.800
TOP OF TIER 2 RETAINING WALL	71.252	72.352	73.439	74.300	74.800	74.800	74.800		
TOP OF TIER 3 RETAINING WALL	73.252	74.146	74.654	74.800					
HEIGHT OF RETAINING WALL	6.000	5.794	5.215	4.500	3.673	2.847	2.000	1.195	0.488 0.485
CHAINAGE	0.000	20.000	40.000	00009	72.000	100.000	120.000	140.000	160.000 160.104

RETAINING WALL RW01 PROFILE SCALE 1:500 HORI. 1:500 VERT.



RETAINING WALL RW01A-02 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

			Bar Scales
Е	RTS SUBMISSION	08-04-22	
D	RTS ISSUE	11-11-21	
С	RTS ISSUE	12-10-21	
В	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21	
Α	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20	
Issue	Description	Date	

100mm on Original

1:500 @ A1 1:1000 @ A3

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Client

	Scales 1 · FOO	Drawn	PDK	Project
	1 : 500	Designed	PDK	
	Grid GDA94 MGA56	Checked	TM	
Ī	Height AHD	Approved		
ı	Datum AIID			Title

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

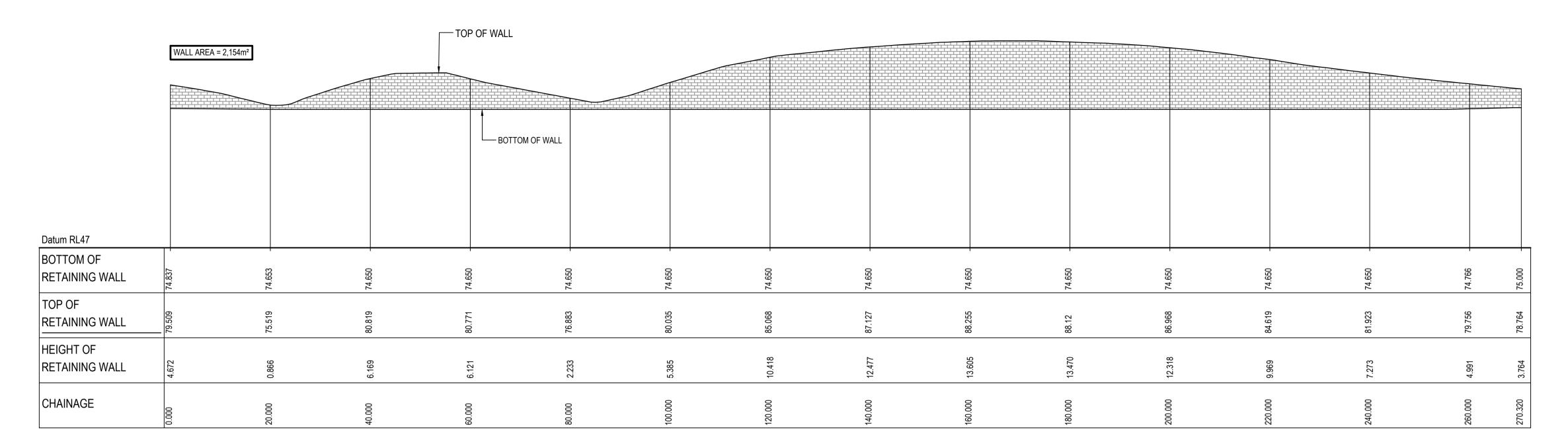
> **RETAINING WALL PROFILES** SHEET 5

Civil Engineers and Project Managers

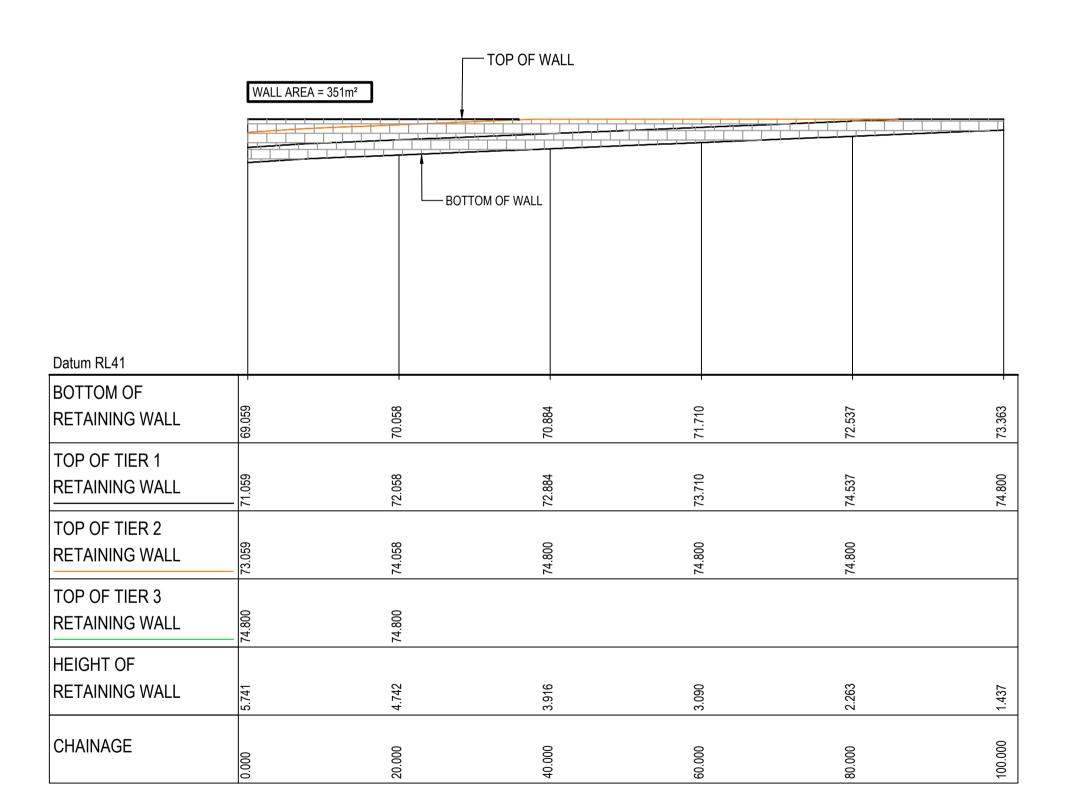
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au

Issue

FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. 20-748-C1089



RETAINING WALL RW01B-03 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

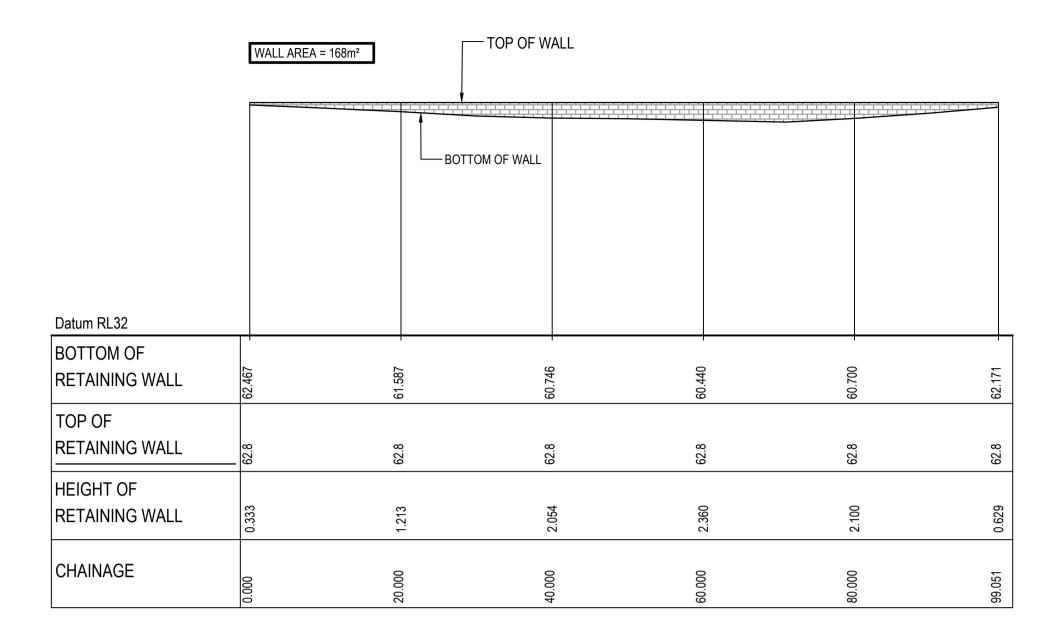


RETAINING WALL RW01B-01 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

		Г	TOP OF WALL		
	WALL AREA = 2		TTOM OF WALL		
Datum RL41					
BOTTOM OF RETAINING WALL	69.488	70.420	- 71.519	72.017	- 72.521
TOP OF TIER 1 RETAINING WALL	71.488	72.420	73.519	73.530	73.530
TOP OF TIER 2 RETAINING WALL	73.488 7	74.420	74.800		
TOP OF TIER 3 RETAINING WALL	74.800	74.800			
HEIGHT OF RETAINING WALL	5.312	4.380	3.281	1.513	1.009
CHAINAGE	0.000	20.000	40.000	60.000	76.711

RETAINING WALL RW01B-02 BTM PROFILE SCALE 1:500 HORI. 1:500 VERT.

E RTS SUBMISSION D RTS ISSUE	08-04-22 11-11-21	0 10 20 30 40 50m	THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN	Client	Scales 1:500 Grid GDA94 MGA56 Height AHD Datum	Drawn Designed Checked Approved	PDK PDK TM	Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers Level 7, 153 W North Sydney I ABN 96 130 88 Tel: 02 9438 Fax: 02 9923 www.atl.net.au info@atl.net.au	NSW 2060 82 405 9 1777 3 1055 u
C RTS ISSUE	12-10-21	1 : 500 @ A1 1 : 1000 @ A3	THAT ORIGINALLY INTENDED	LJK				- Title	Status FOD ADDDOVAL	
B ISSUED FOR DEVELOPMENT APPLICATION	19-04-21		WITHOUT THE WRITTEN					RETAINING WALL	FOR APPROVAL	M A1
A ISSUED FOR DEVELOPMENT APPLICATION	22-12-20		PERMISSION OF AT&L					PROFILES	NOT TO BE USED FOR CONSTRUCTIO Project - Drawing No.	Issue
Issue Description	Date							SHEET 6	20-748-C1090	E
100	00mm on Original		-					F:\20-748 ESR Mamre\6.0 Drgs\Civil\Fir	nal\SSDA\1000_INFRASTRUCTURE\20-748-C10	090.dwg



RETAINING WALL RW03-03 BTM PROFILE

SCALE 1:500 HORI.
1:500 VERT.

	WALL AREA = 196m²	TOP OF WALL		
		BOTTOM OF WALL		
Datum RL31				
BOTTOM OF RETAINING WALL	58.902	59.702		60.909
TOP OF TIER 1 RETAINING WALL	60.902	61.702	1.65.50	62.800
TOP OF TIER 2 RETAINING WALL	62.800	62.800	0000	
HEIGHT OF RETAINING WALL		3.098		1.891
CHAINAGE	0.000	20.000		60.000

RETAINING WALL RW03-01 BTM PROFILE

SCALE 1:500 HORI.
1:500 VERT.

	WALL AREA	A = 832m ²		TOP OF WALL						
			BO	TOM OF WALL						
Datum RL29										
BOTTOM OF RETAINING WALL	58.884	58.017	56.583	56.582	56.582	56.582	57.732	59.530	61.161	62.093
TOP OF RETAINING WALL	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
HEIGHT OF RETAINING WALL	3.916	4.783	6.217	6.218	6.218	6.218	5.068	3.270	1.639	0.707
CHAINAGE	0.000	20.000	40.000	00.000	80.000	100.000	120.000	140.000	160.000	174.369

RETAINING WALL RW03-02 BTM PROFILE

SCALE 1:500 HORI.
1:500 VERT.

			Bar Scales							
Е	RTS SUBMISSION	08-04-22		0	10	20	30	40		
D	RTS ISSUE	11-11-21		4 500 0 44 4 4000 0						
С	RTS ISSUE	12-10-21		1 : 500 @ <i>i</i>			A1 1:1000 @ A3			
В	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21								
Α	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20								
Issue	Description	Date								

100mm on Original

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Client



ales	Drawn	PDK	Project PROPOSED INDUSTRIAL
1 : 500	Designed	PDK	DEVELOPMENT
rid GDA94 MGA56	Checked	ТМ	WESTLINK VENDS ODEEK
eight AHD atum	Approved		KEMPS CREEK
			Title

RETAINING WALL

PROFILES

SHEET 7

Status FOR A

Civil Engineers and Project Managers

Level 7, 153 Walker Street North Sydney NSW 2060

ABN 96 130 882 405

Tel: 02 9439 1777

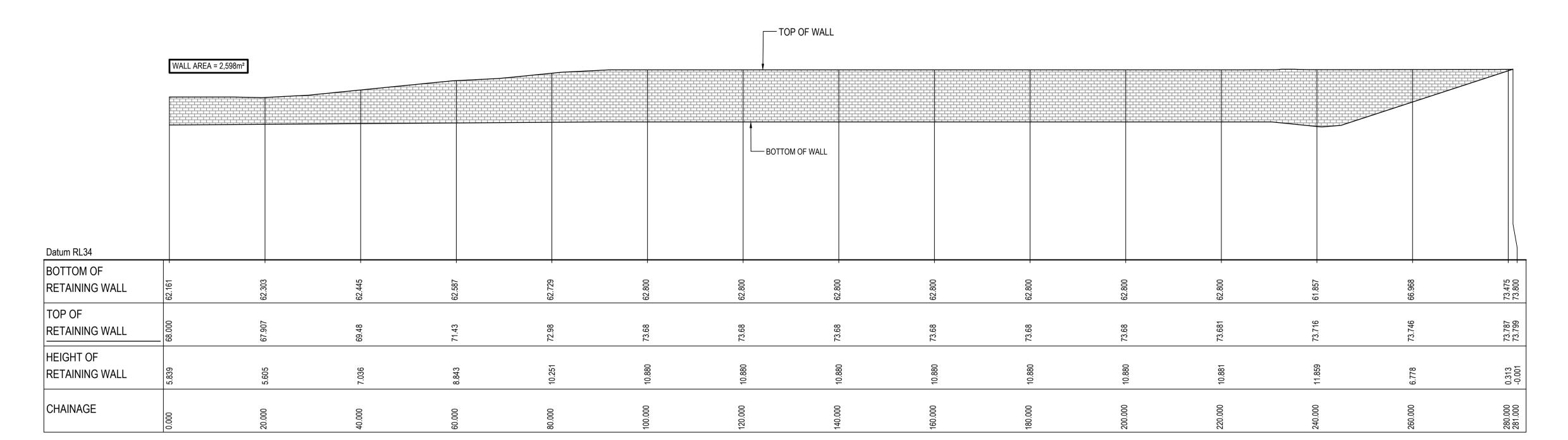
Fax: 02 9923 1055

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FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION
Project - Drawing No.
20-748-C1091

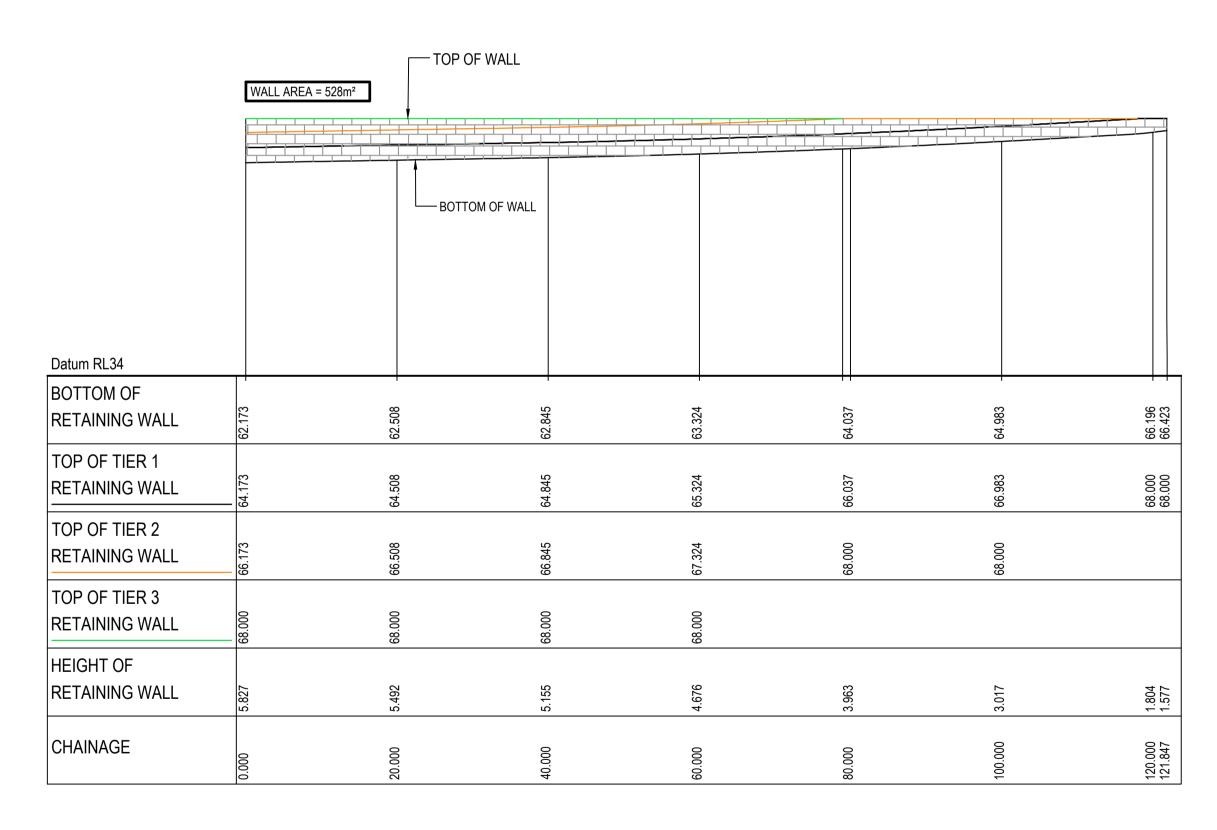
·/48-C1091 \1000 INFRASTRUCTURE\20-748-C1091.

Issue



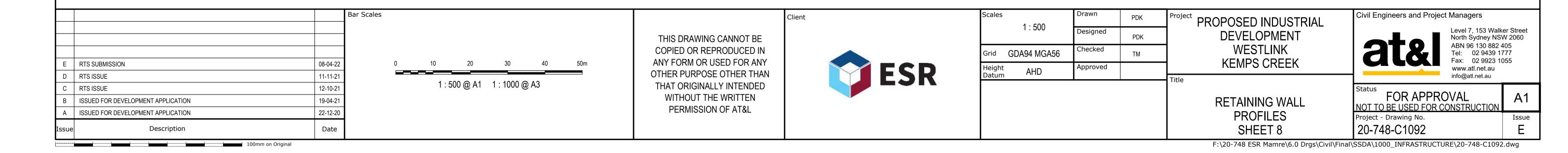
RETAINING WALL RW04-02 BTM PROFILE

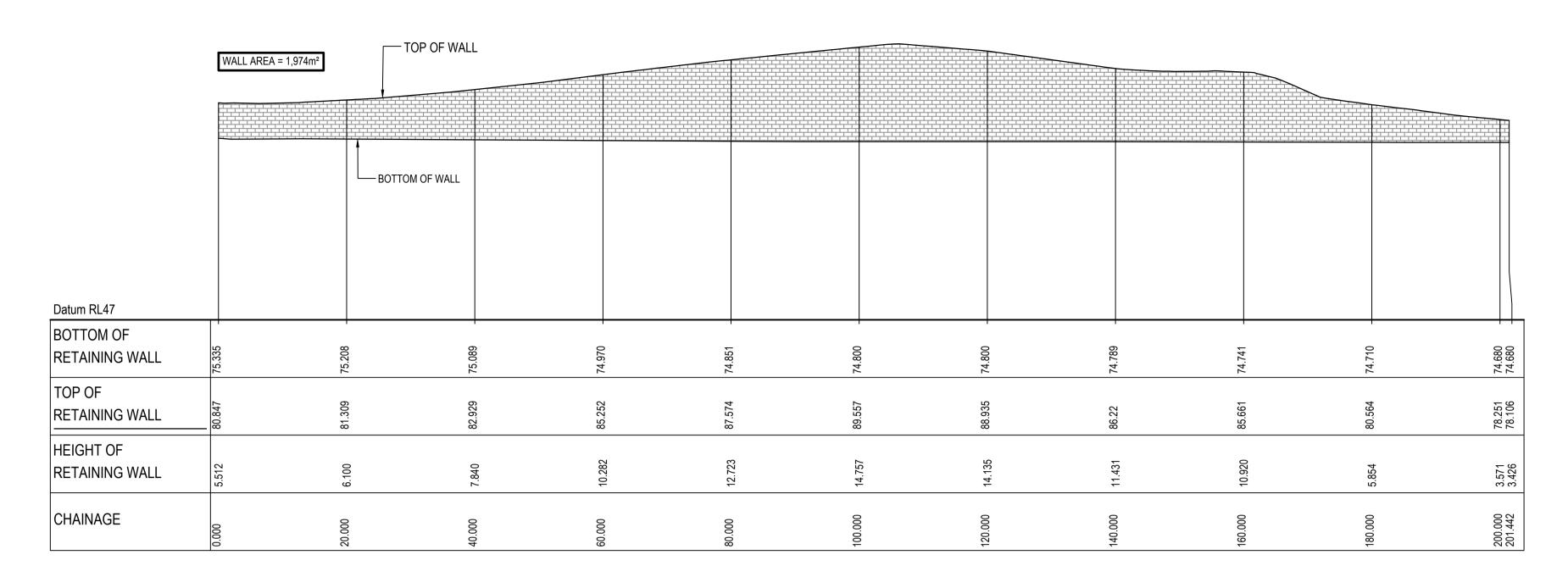
SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL RW04-01 BTM PROFILE

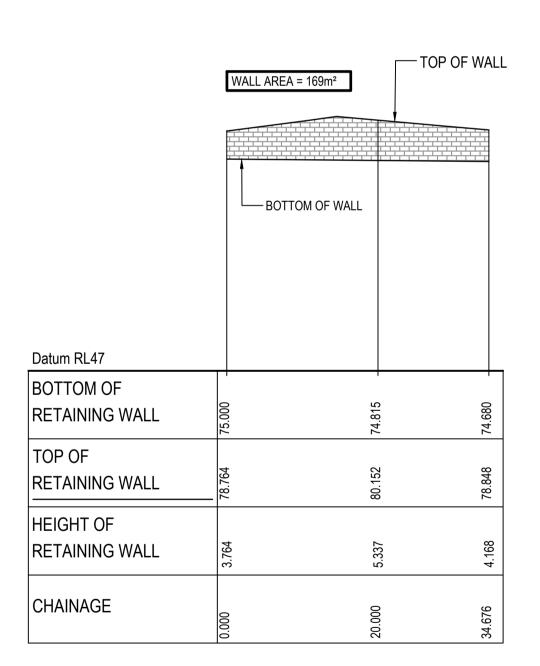
SCALE 1:500 HORI.
1:500 VERT.





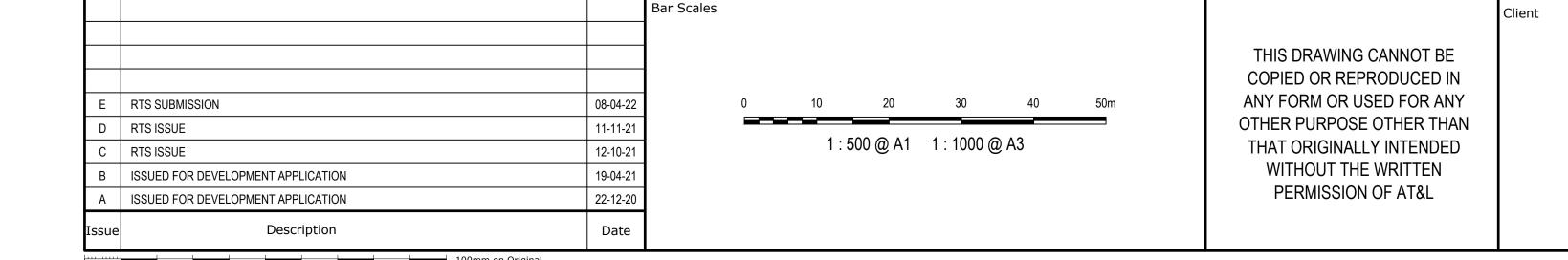
RETAINING WALL RW05-02 BTM PROFILE

SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL RW05-01 BTM PROFILE

SCALE 1:500 HORI.
1:500 VERT.



ESR

Scales 1 · EOO	Drawn	PDK	Project PRO
1 : 500	Designed	PDK	
Grid GDA94 MGA56	Checked	TM	
Height AHD	Approved		
Datum AIID			Title

PROPOSED INDUSTRIAL
DEVELOPMENT
WESTLINK
KEMPS CREEK

RETAINING WALL PROFILES SHEET 9 Civil Engineers and Project Managers

Level 7, 153 Walker Street North Sydney NSW 2060

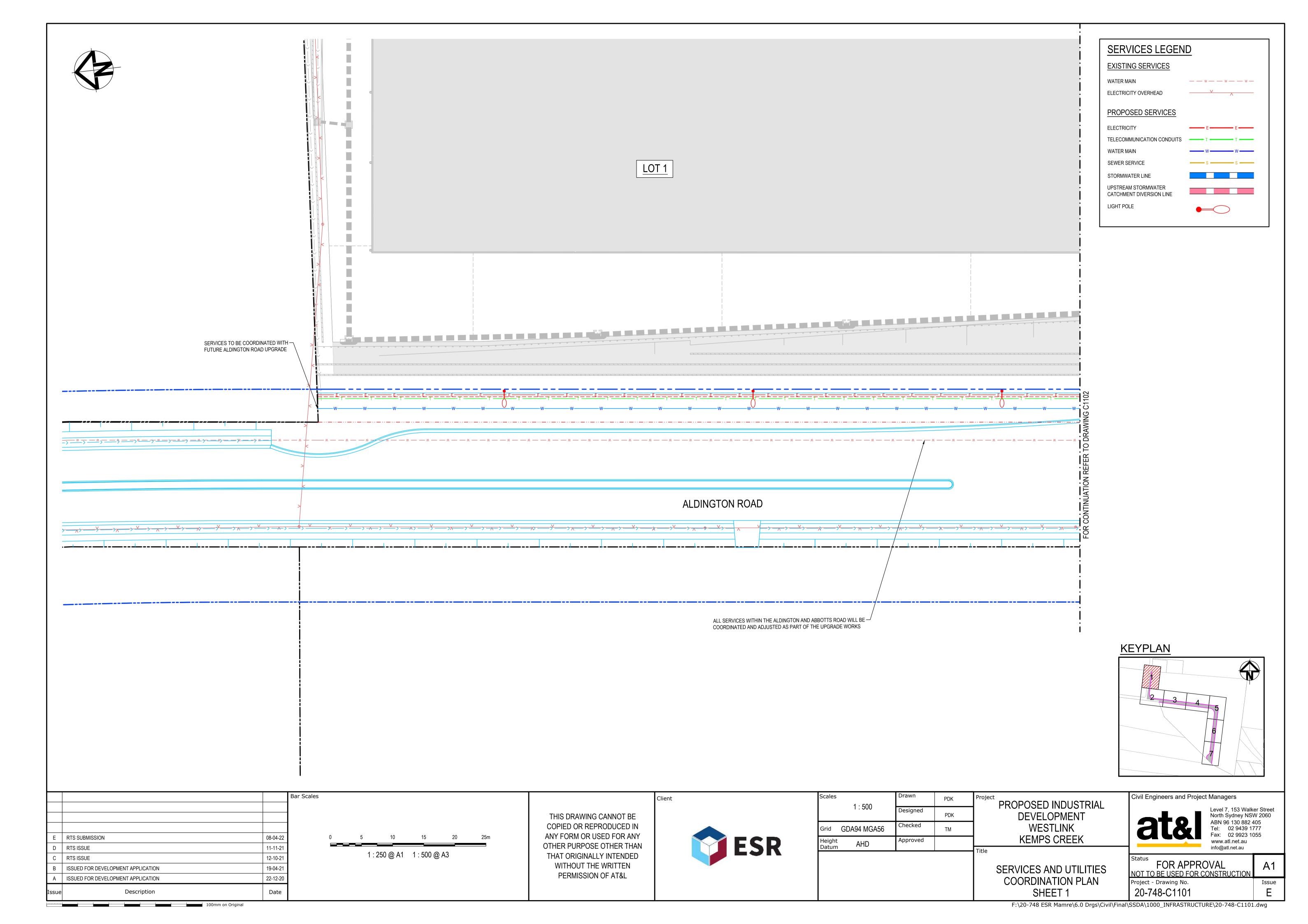
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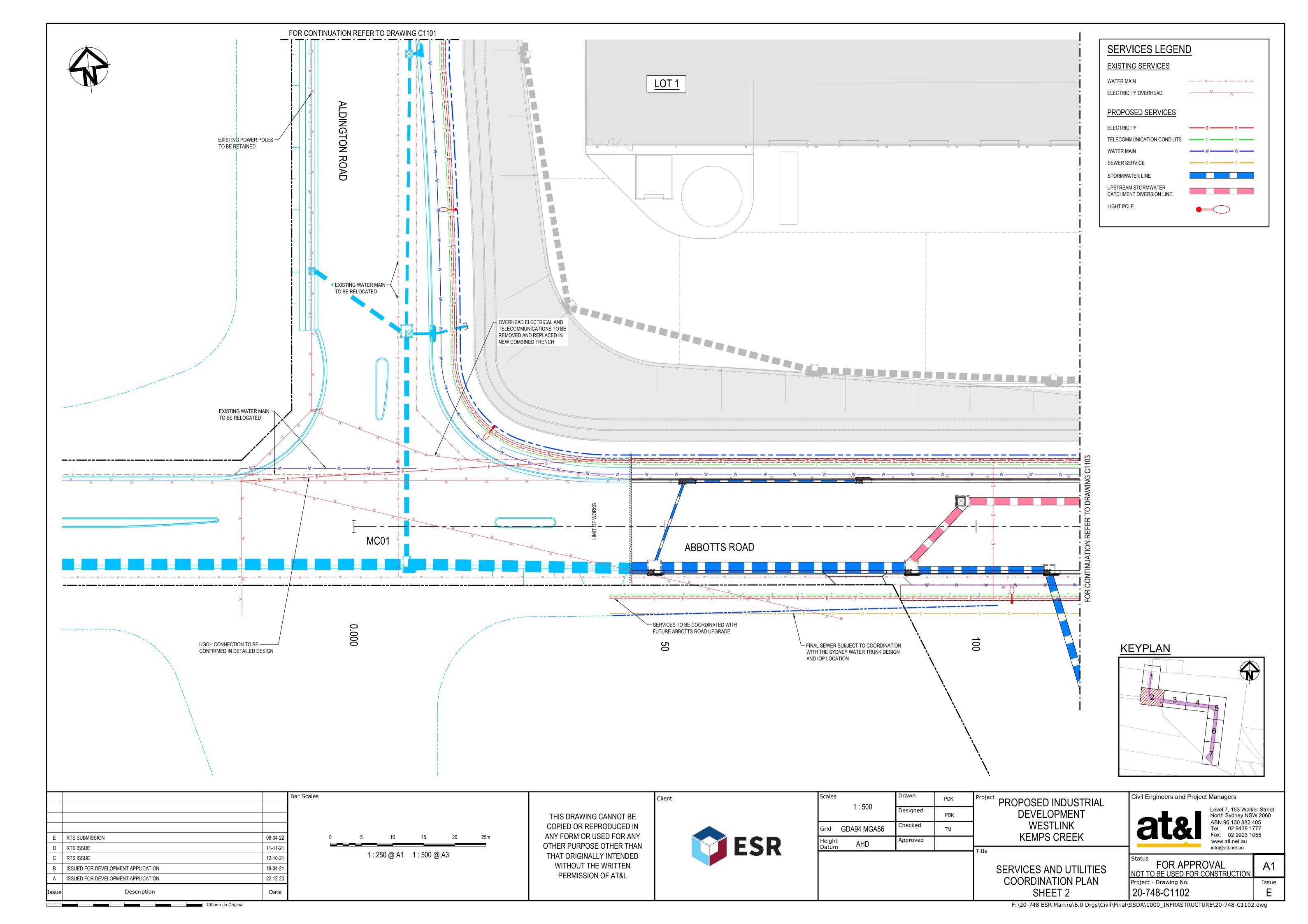
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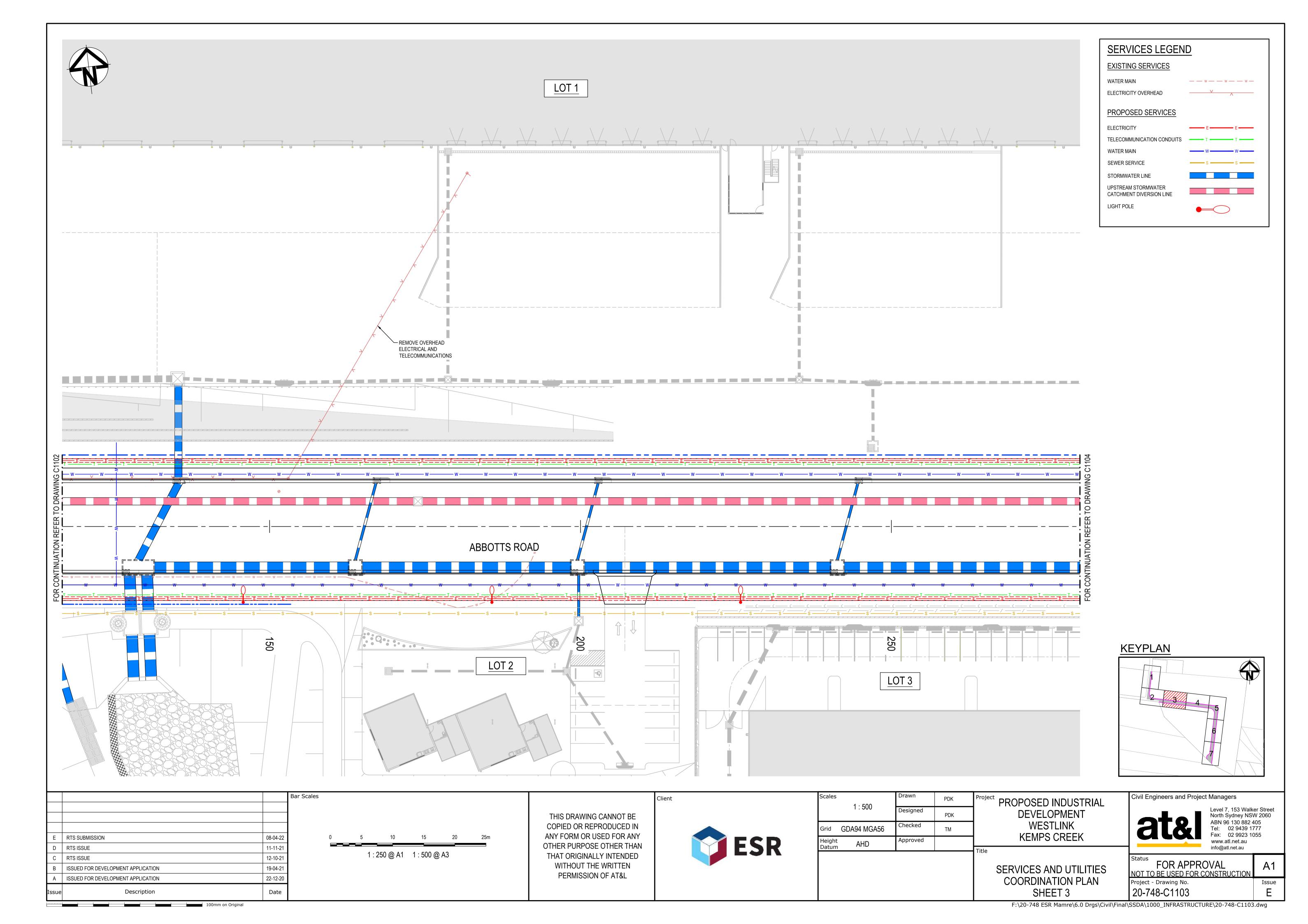
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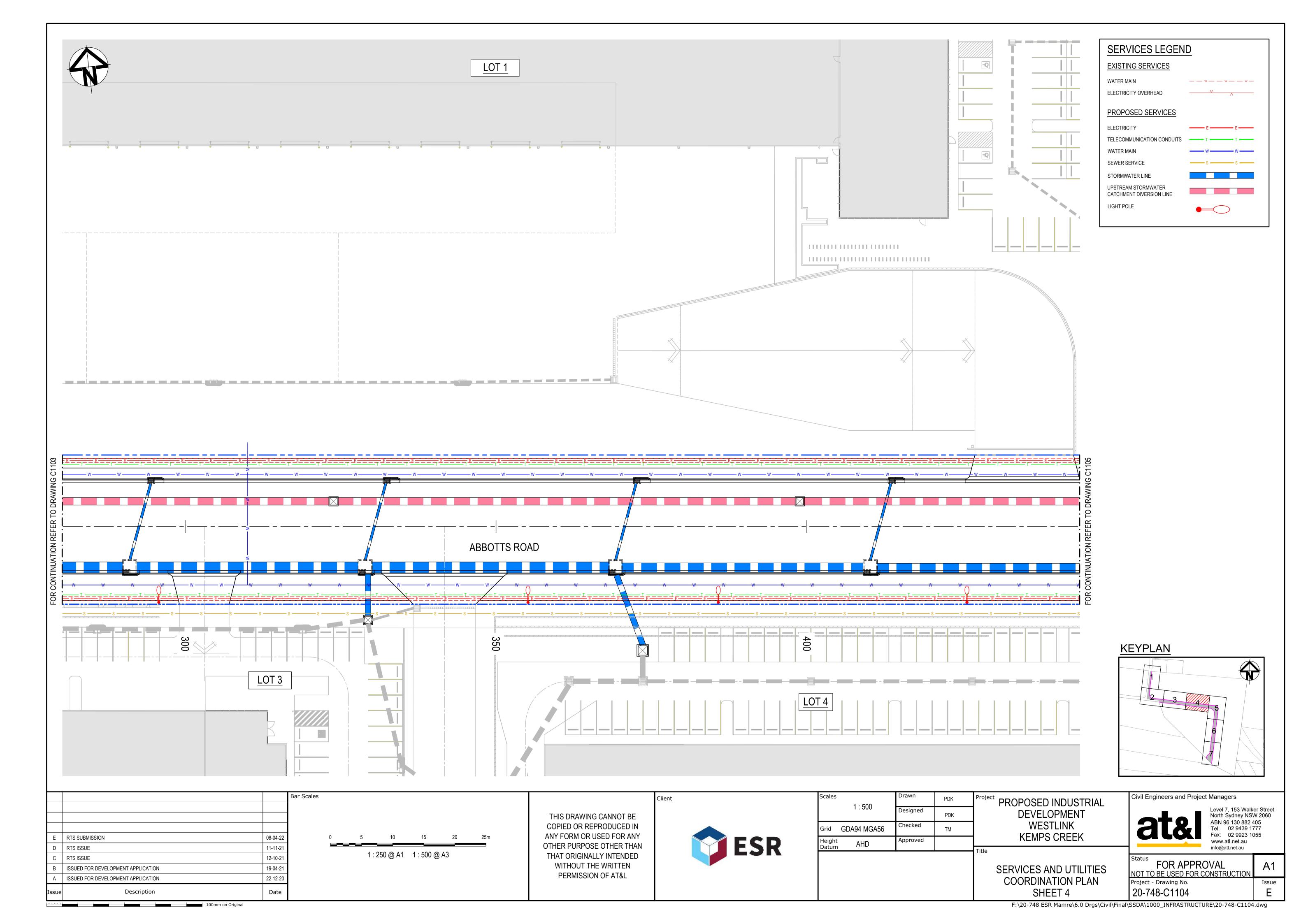
www.atl.net.au
info@atl.net.au

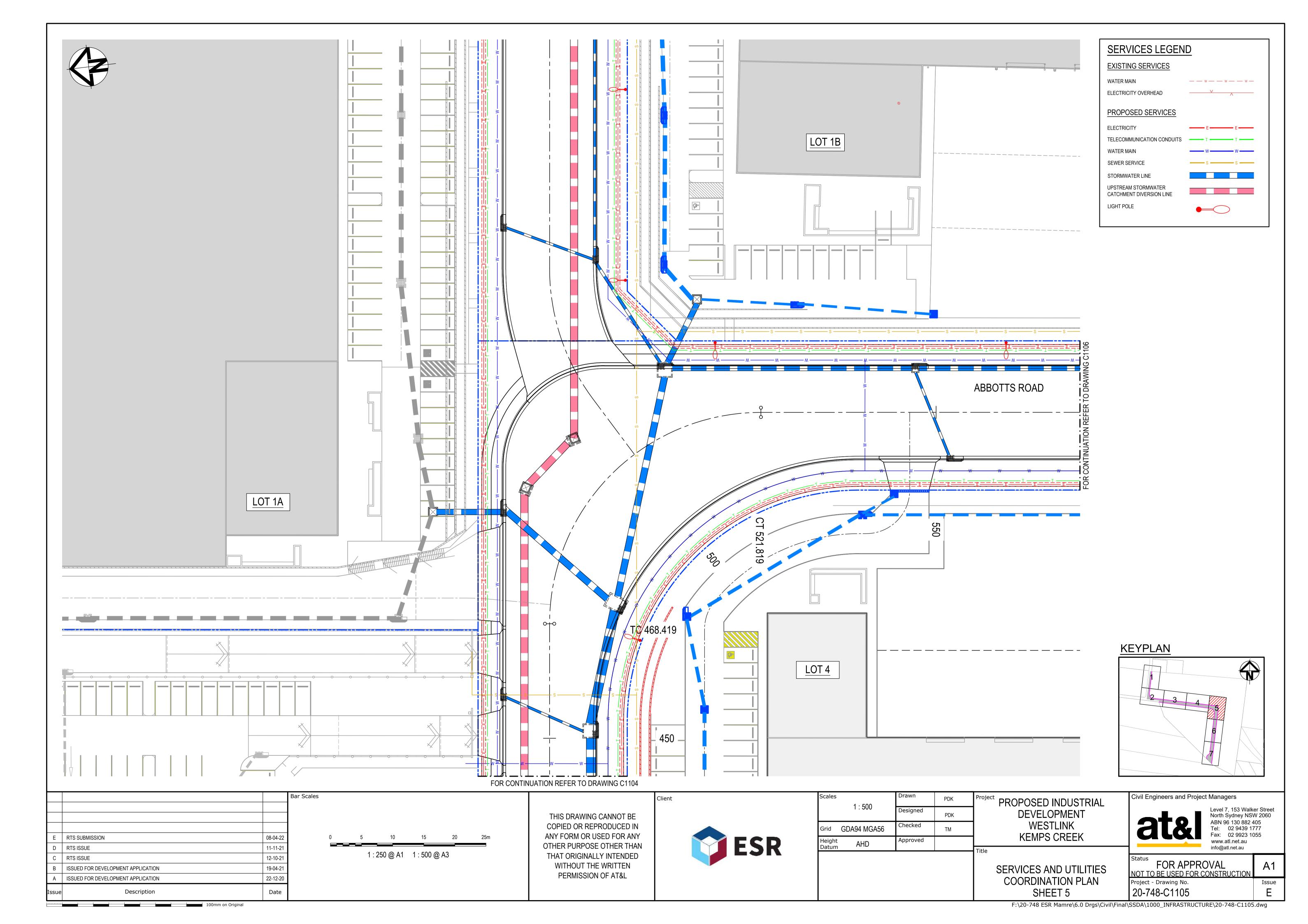
FOR APPROVAL A1
NOT TO BE USED FOR CONSTRUCTION
Project - Drawing No. Issue
20-748-C1093

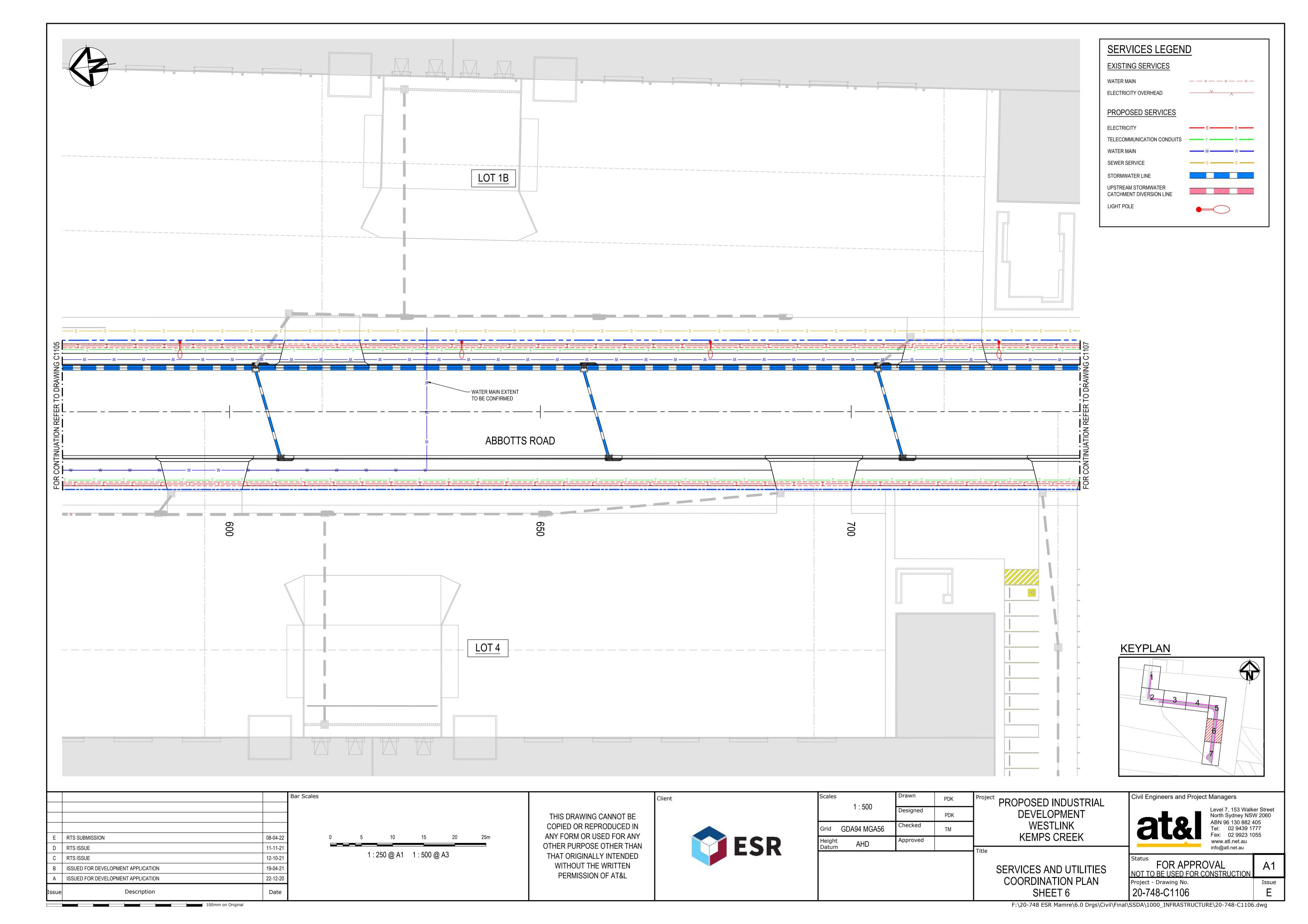


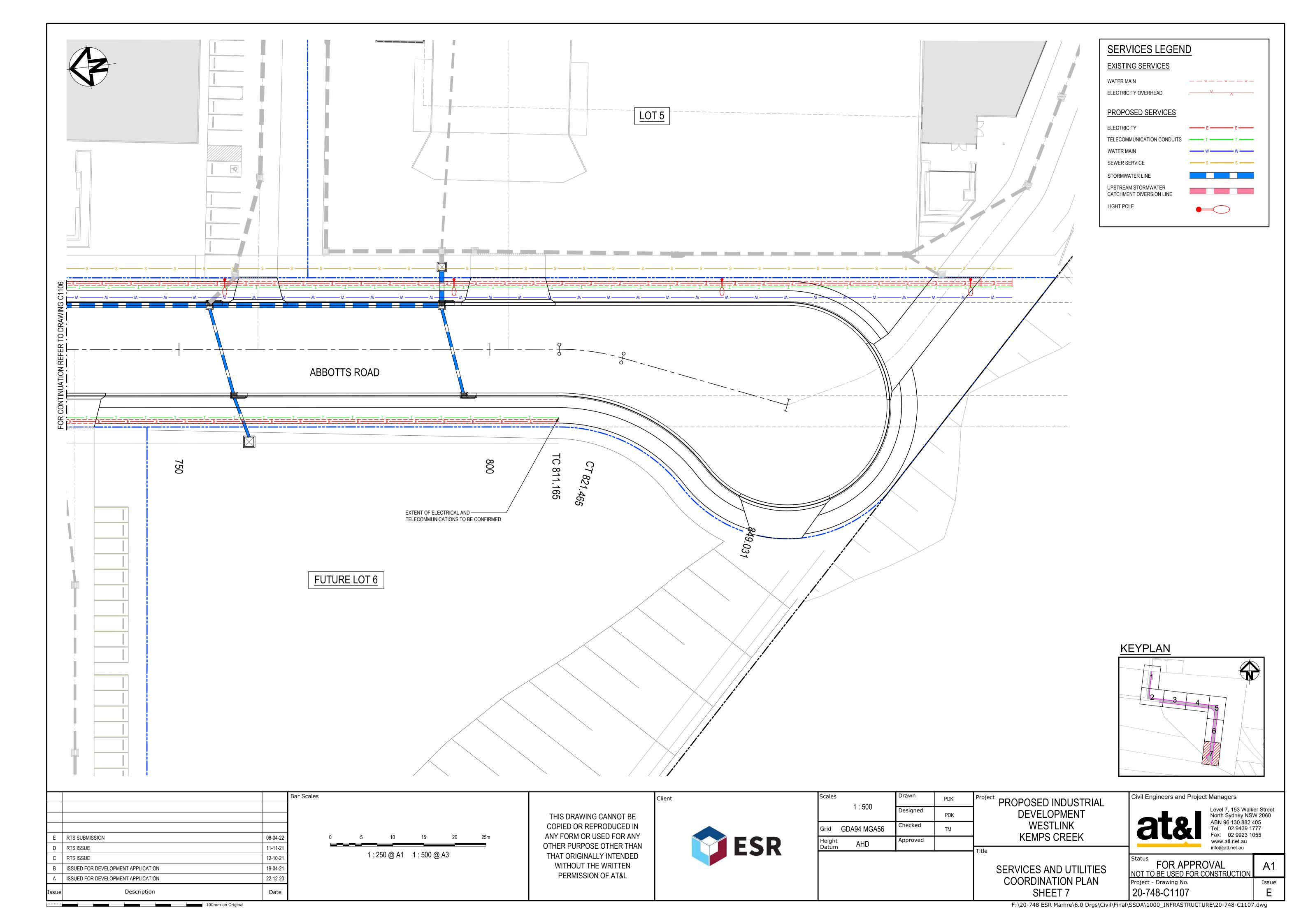


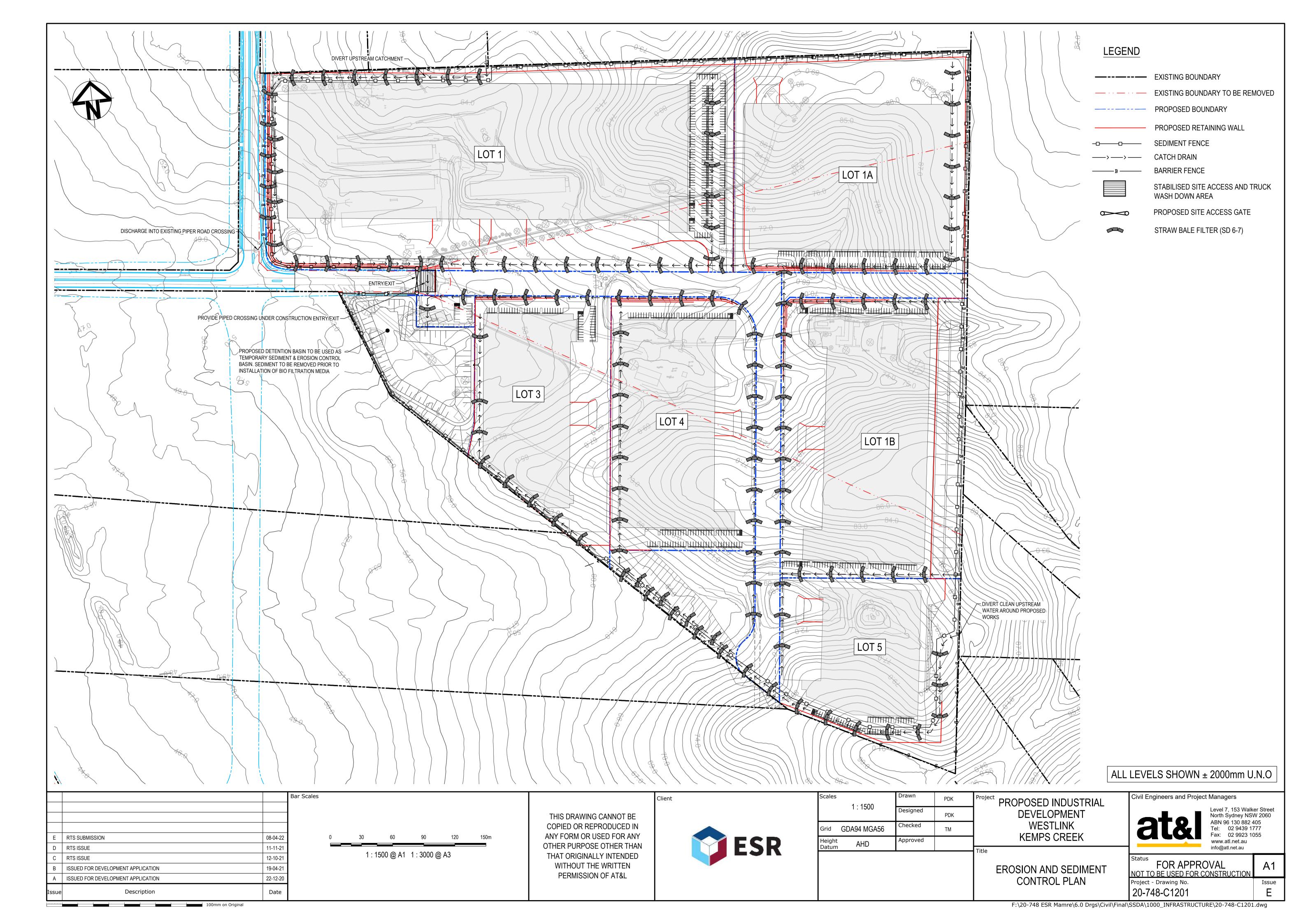


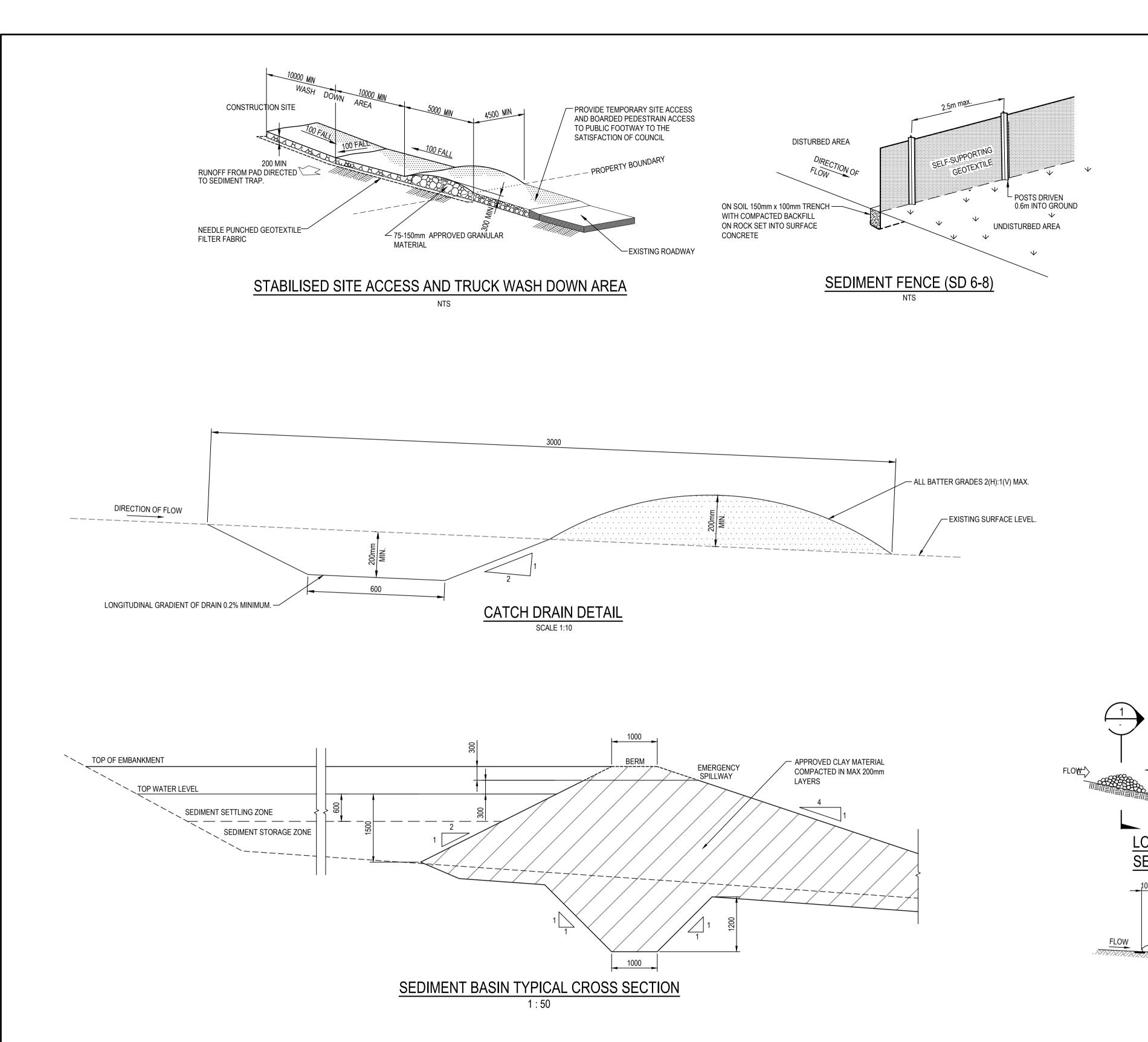


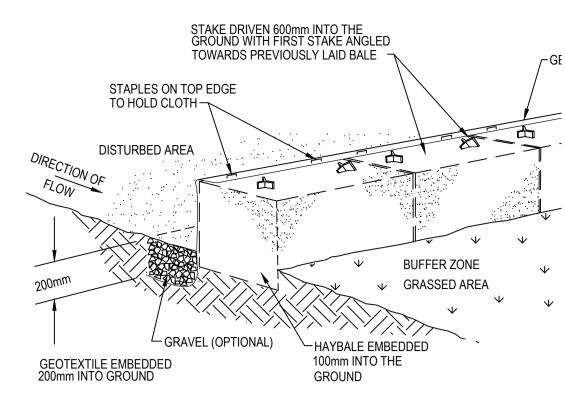




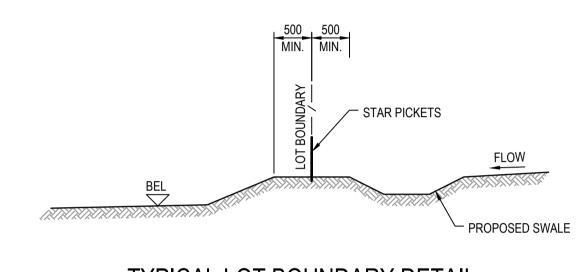






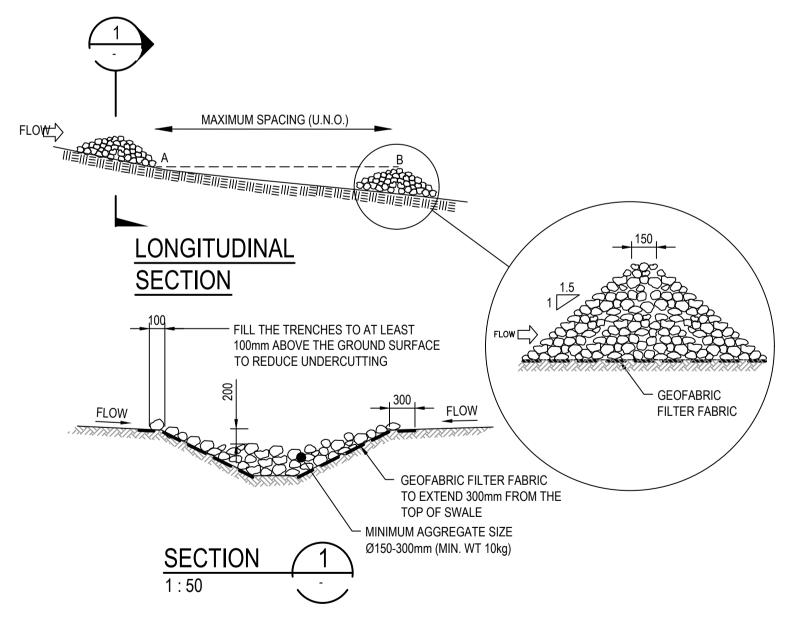


HAYBALE AND GEOTEXTILE SEDIMENT FILTE



TYPICAL LOT BOUNDARY DETAIL

1:50



ROCK RIFFLE CHECK DAM (SD 5-4)

E RTS SUBMISSION D RTS ISSUE	08-04-22 11-11-21	0 100 200 400 600 800 1000mm 1:10 @ A1 1:20 @ A3	THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN	ESR	AS SHOWN Grid GDA94 MGA56 Height AHD	Drawn PDK Designed PDK Checked TM Approved	Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers Level 7, 153 Wa North Sydney Nor	32 405 9 1777 3 1055
C RTS ISSUE B ISSUED FOR DEVELOPMENT APPLICATION A ISSUED FOR DEVELOPMENT APPLICATION Issue Description	12-10-21 19-04-21 22-12-20 Date	0 1 2 3 4 5m 1:50 @ A1 1:100 @ A3	THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L				EROSION AND SEDIMENT CONTROL DETAILS	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. 20-748-C1210	A1 Issue

