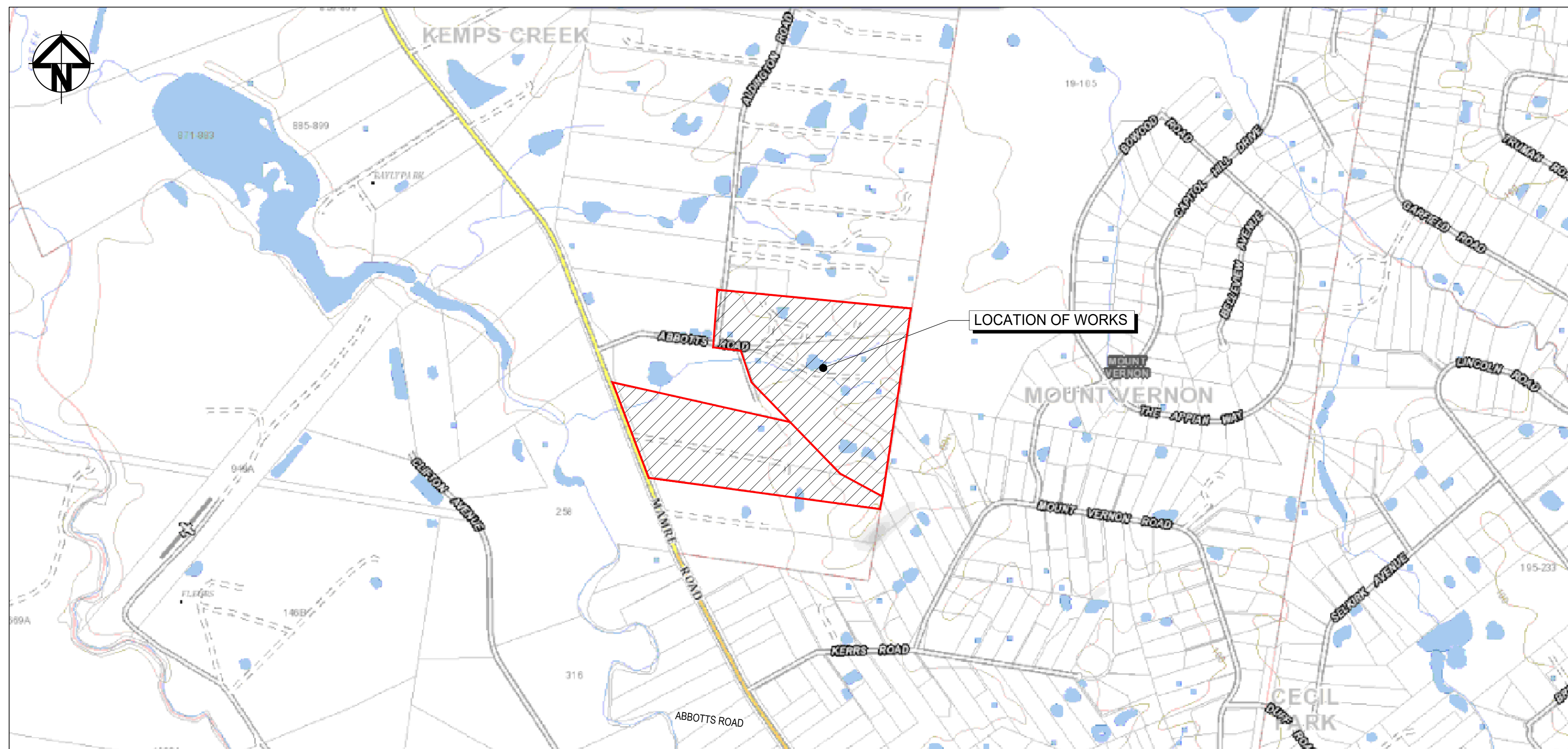


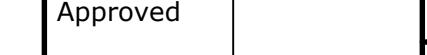


WESTLINK KEMPS CREEK

CIVIL WORKS PACKAGE - INFRASTRUCTURE WORKS STATE SIGNIFICANT DEVELOPMENT APPLICATION RTS-SSD-9138102





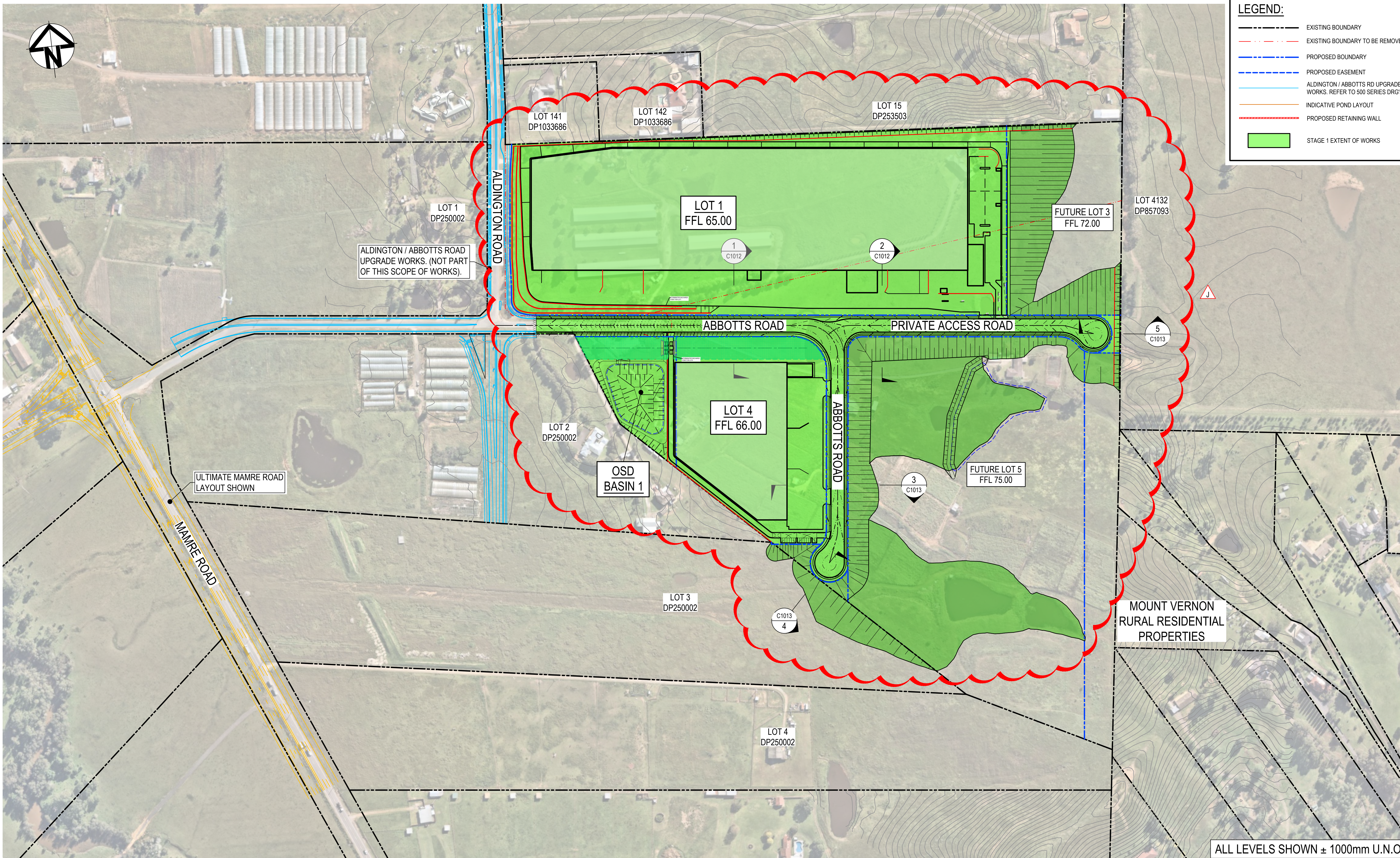
LOCALITY PLAN
NTS

			Bar Scales			Client		Scales		Drawn	LM	Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers	
N.T.S.		Designed						LM	 <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>					
Grid	MGA2020	Checked						AT		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. 20-748-C1000	Issue G			
Height Datum	AHD	Approved							Title COVER SHEET					
														
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														

DRAWING LIST	
DRAWING No.	DRAWING TITLE
20-748-C1000	COVER SHEET
20-748-C1001	DRAWING LIST
20-748-C1002	GENERAL NOTES
20-748-C1005	GENERAL ARRANGEMENT PLAN
20-748-C1010	TYPICAL ROAD SECTIONS SHEET 1
20-748-C1011	TYPICAL ROAD SECTIONS SHEET 2
20-748-C1012	TYPICAL ROAD SECTIONS SHEET 3
20-748-C1013	TYPICAL ROAD SECTIONS SHEET 4
20-748-C1015	TYPICAL DETAILS SHEET 1
20-748-C1020	BOUNDARY INTERFACE PLAN
20-748-C1021	BOUNDARY INTERFACE SECTIONS SHEET 1
20-748-C1022	BOUNDARY INTERFACE SECTIONS SHEET 2
20-748-C1023	BOUNDARY INTERFACE SECTIONS SHEET 3
20-748-C1024	BOUNDARY INTERFACE SECTIONS SHEET 4
20-748-C1030	BULK EARTHWORKS CONTOUR PLAN
20-748-C1033	BULK EARTHWORKS CUT/FILL PLAN
20-748-C1041	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
20-748-C1042	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
20-748-C1043	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 3
20-748-C1044	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
20-748-C1045	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 5
20-748-C1046	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 6
20-748-C1047	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 7
20-748-C1048	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 8
20-748-C1050	ABBOTTS ROAD (MC01) LONGITUDINAL SECTION SHEET 1
20-748-C1051	ABBOTTS ROAD (MC01) LONGITUDINAL SECTION SHEET 2
20-748-C1052	PRIVATE ACCESS ROAD (MC04) LONGITUDINAL SECTION SHEET 3
20-748-C1061	STORMWATER DRAINAGE CATCHMENT PLAN (PRE-DEVELOPED)
20-748-C1065	STORMWATER DRAINAGE CATCHMENT PLAN (POST-DEVELOPED)

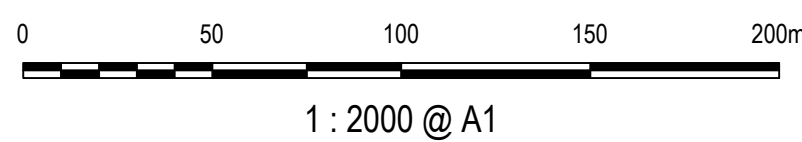
20-748-C1071	ULTIMATE DETENTION BASIN DETAIL PLAN
20-748-C1072	DETENTION BASIN & POND SECTION
20-748-C1075	STORMWATER DRAINAGE DETAILS SHEET 1
20-748-C1076	STORMWATER DRAINAGE DETAILS SHEET 2
20-748-C1077	STORMWATER DRAINAGE DETAILS SHEET 3
20-748-C1078	STORMWATER DRAINAGE DETAILS SHEET 4
20-748-C1080	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 1
20-748-C1085	RETAINING WALL PROFILES SHEET 1
20-748-C1086	RETAINING WALL PROFILES SHEET 2
20-748-C1087	RETAINING WALL PROFILES SHEET 3
20-748-C1088	RETAINING WALL PROFILES SHEET 4
20-748-C1101	SERVICES AND UTILITIES COORDINATION PLAN SHEET 1
20-748-C1102	SERVICES AND UTILITIES COORDINATION PLAN SHEET 2
20-748-C1103	SERVICES AND UTILITIES COORDINATION PLAN SHEET 3
20-748-C1104	SERVICES AND UTILITIES COORDINATION PLAN SHEET 4
20-748-C1105	SERVICES AND UTILITIES COORDINATION PLAN SHEET 5
20-748-C1106	SERVICES AND UTILITIES COORDINATION PLAN SHEET 6
20-748-C1201	EROSION AND SEDIMENT CONTROL PLAN
20-748-C1210	EROSION AND SEDIMENT CONTROL DETAILS
20-748-C1220	STORMWATER MANAGEMENT PLAN INTERIM ARRANGEMENT
20-748-C1221	DETENTION / RE-USE BASIN PLAN INTERIM ARRANGEMENT
20-748-C1311	VEHICLE TURNPATH PLAN SHEET 1
20-748-C1312	VEHICLE TURNPATH PLAN SHEET 2
20-748-C1313	VEHICLE TURNPATH PLAN SHEET 3
20-748-C1314	VEHICLE TURNPATH PLAN SHEET 4

J	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23	Bar Scales		Client		Scales	N.T.S.		Drawn	LM	Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		Civil Engineers and Project Managers										
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	15-12-22								Designed	LM														
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22																							
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22					Grid	MGA2020		Checked	AT														
E	RTS SUBMISSION	08-04-22																							
D	RTS ISSUE	11-11-21					Height Datum	AHD		Approved	Title		DRAWING LIST			Status									
C	RTS ISSUE	12-10-21																							
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21					 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									FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION									
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20																							
Issue	Description	Date											Project - Drawing No.			Issue									
													20-748-C1001			J									



J	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS ISSUE	13-01-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date

Bar Scales



Client



Scales

1 : 2000

Grid

MGA2020

Height Datum

AHD

Drawn

LM

Designed

LM

Checked

AT

Approved



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

GENERAL ARRANGEMENT 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

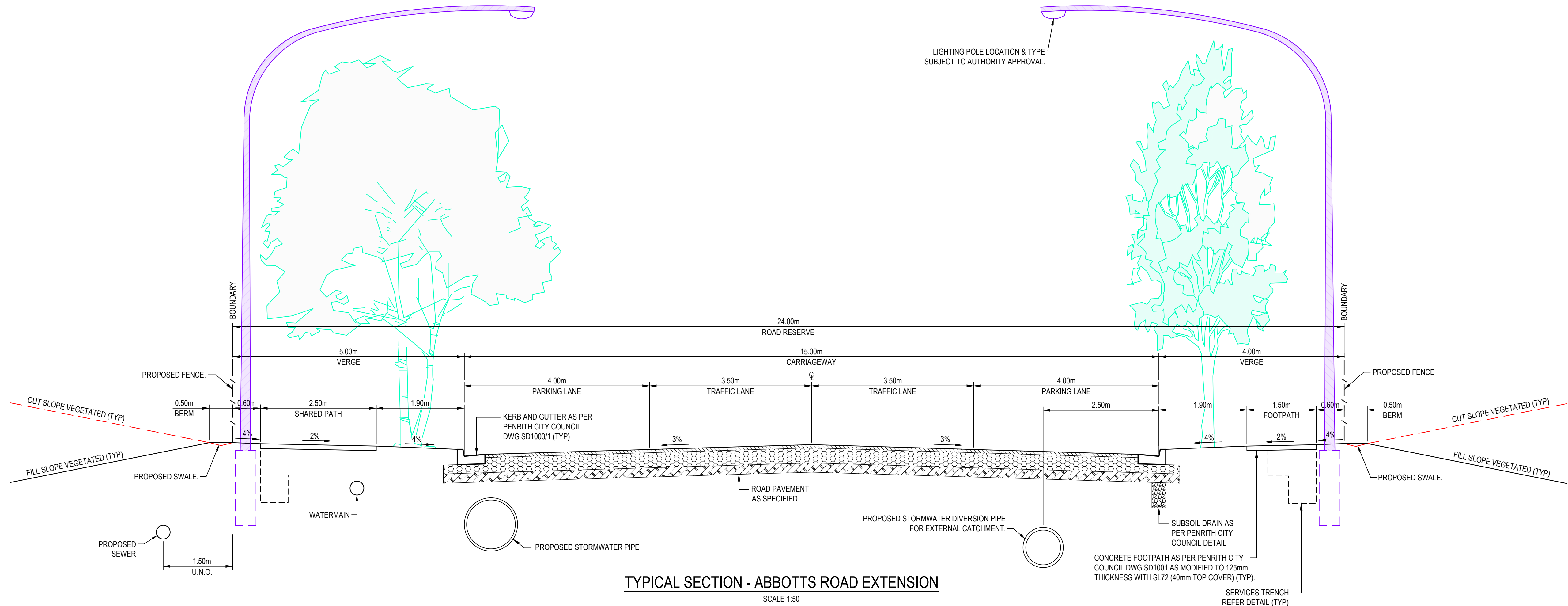
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.

20-748-C1005




Issue

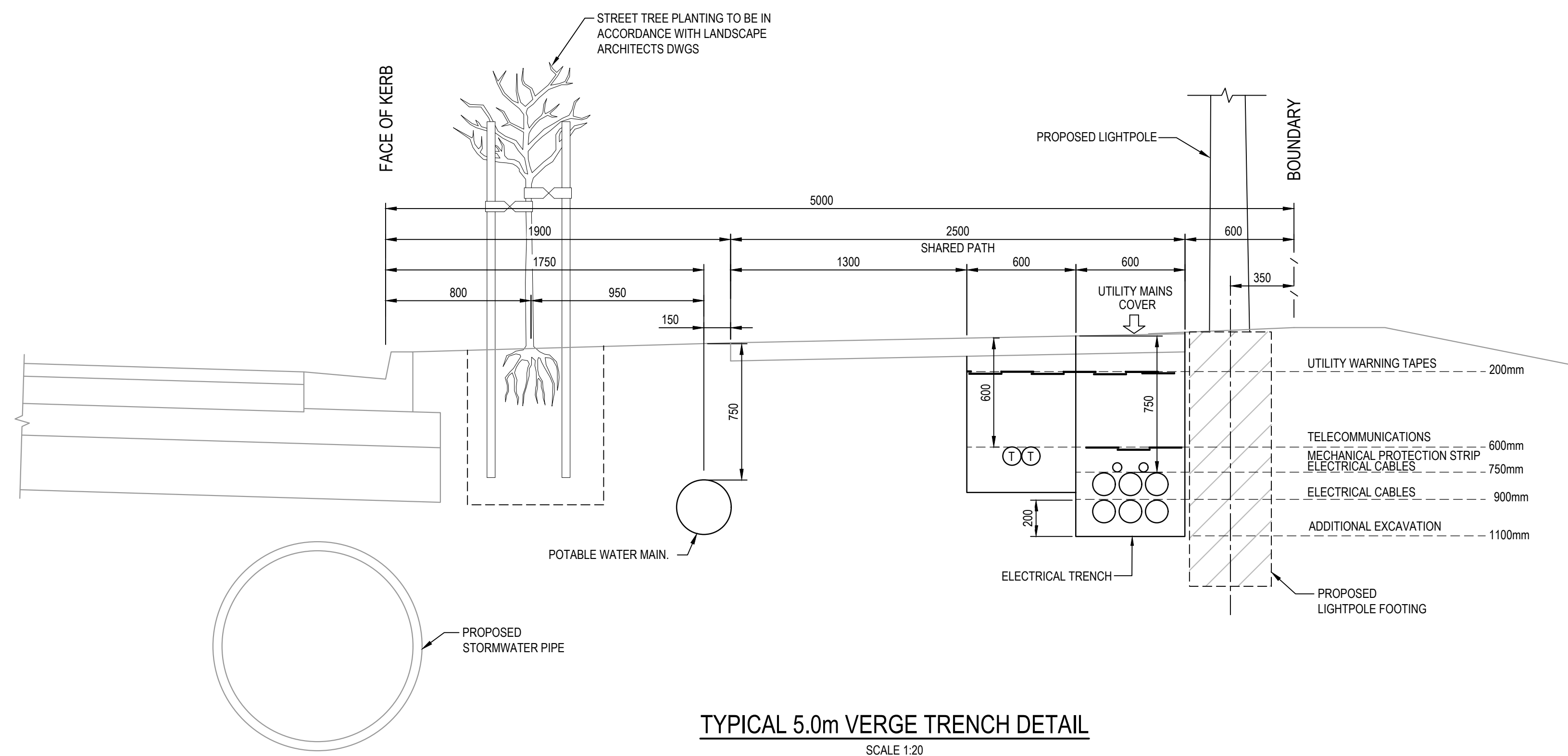
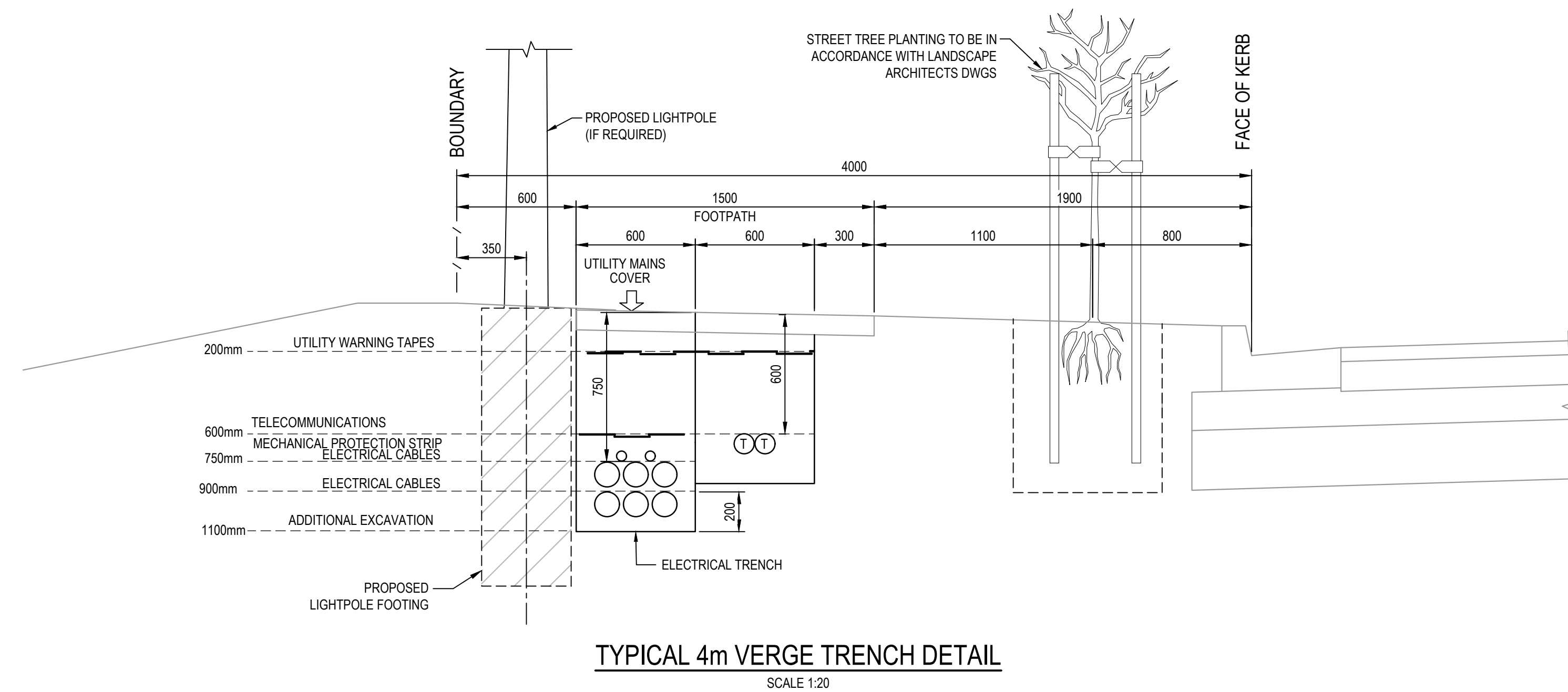
J










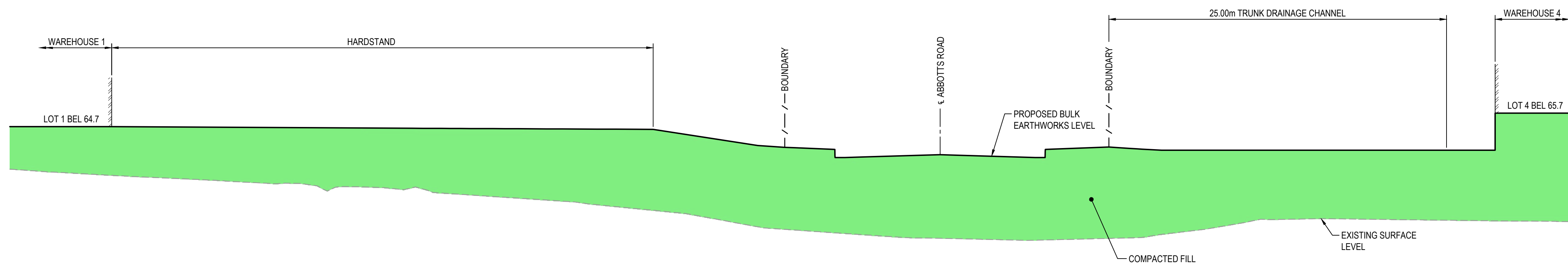
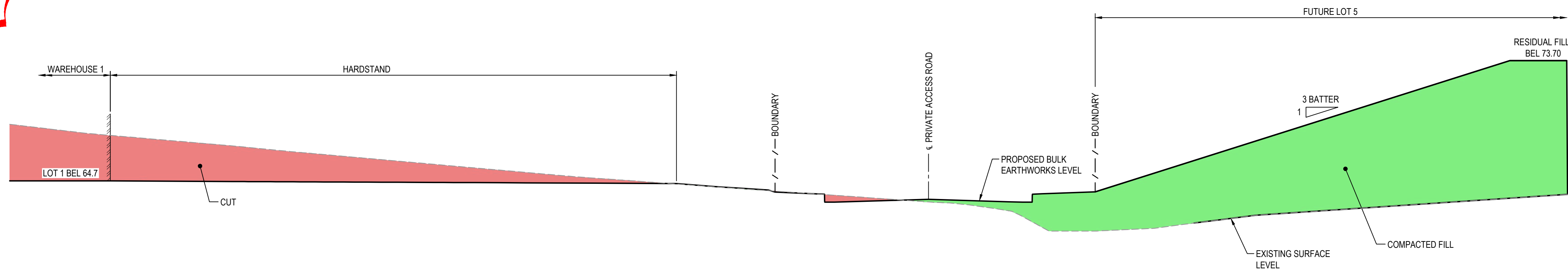
TYPICAL SECTION - ABBOTTS ROAD EXTENSION

SCALE 1:50

			Bar Scales		Client <div></div>	Scales	Drawn	LM	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>		
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22				AS SHOWN	Designed	LM		Title TYPICAL ROAD SECTIONS SHEET 1	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. 20-748-C1010	A1 Issue G
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22				Grid	MGA2020	Checked				
E	RTS SUBMISSION	08-04-22				Height Datum	AHD	Approved				
D	RTS ISSUE	11-11-21							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			
C	RTS ISSUE	12-10-21										
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21										
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20										
Issue	Description	Date										



			Bar Scales				Client					<table><tr><td rowspan="2">Scales AS SHOWN</td><td>Drawn</td><td>LM</td><td rowspan="2">Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</td><td rowspan="4">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></td></tr><tr><td>Designed</td><td>LM</td></tr><tr><td>Grid MGA2020</td><td>Checked</td><td>AT</td><td rowspan="2">Title TYPICAL ROAD SECTIONS SHEET 2</td><td rowspan="2"><table><tr><td>Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</td><td>A1</td></tr><tr><td>Project - Drawing No. 20-748-C1011</td><td>Issue G</td></tr></table></td></tr><tr><td>Height Datum AHD</td><td>Approved</td><td></td></tr><tr><td colspan="3"> 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</td><td colspan="3"></td></tr></table>			Scales AS SHOWN	Drawn	LM	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>	Designed	LM	Grid MGA2020	Checked	AT	Title TYPICAL ROAD SECTIONS SHEET 2	<table><tr><td>Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</td><td>A1</td></tr><tr><td>Project - Drawing No. 20-748-C1011</td><td>Issue G</td></tr></table>	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1	Project - Drawing No. 20-748-C1011	Issue G	Height Datum AHD	Approved		 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								
Scales AS SHOWN	Drawn	LM	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>																																						
	Designed	LM																																								
Grid MGA2020	Checked	AT	Title TYPICAL ROAD SECTIONS SHEET 2		<table><tr><td>Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</td><td>A1</td></tr><tr><td>Project - Drawing No. 20-748-C1011</td><td>Issue G</td></tr></table>	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1	Project - Drawing No. 20-748-C1011	Issue G																																	
Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1																																									
Project - Drawing No. 20-748-C1011	Issue G																																									
Height Datum AHD	Approved																																									
 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																																										
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22																																								
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22																																								
E	RTS SUBMISSION	08-04-22																																								
D	RTS ISSUE	11-11-21																																								
C	RTS ISSUE	12-10-21																																								
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21																																								
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20																																								
Issue	Description	Date																																								



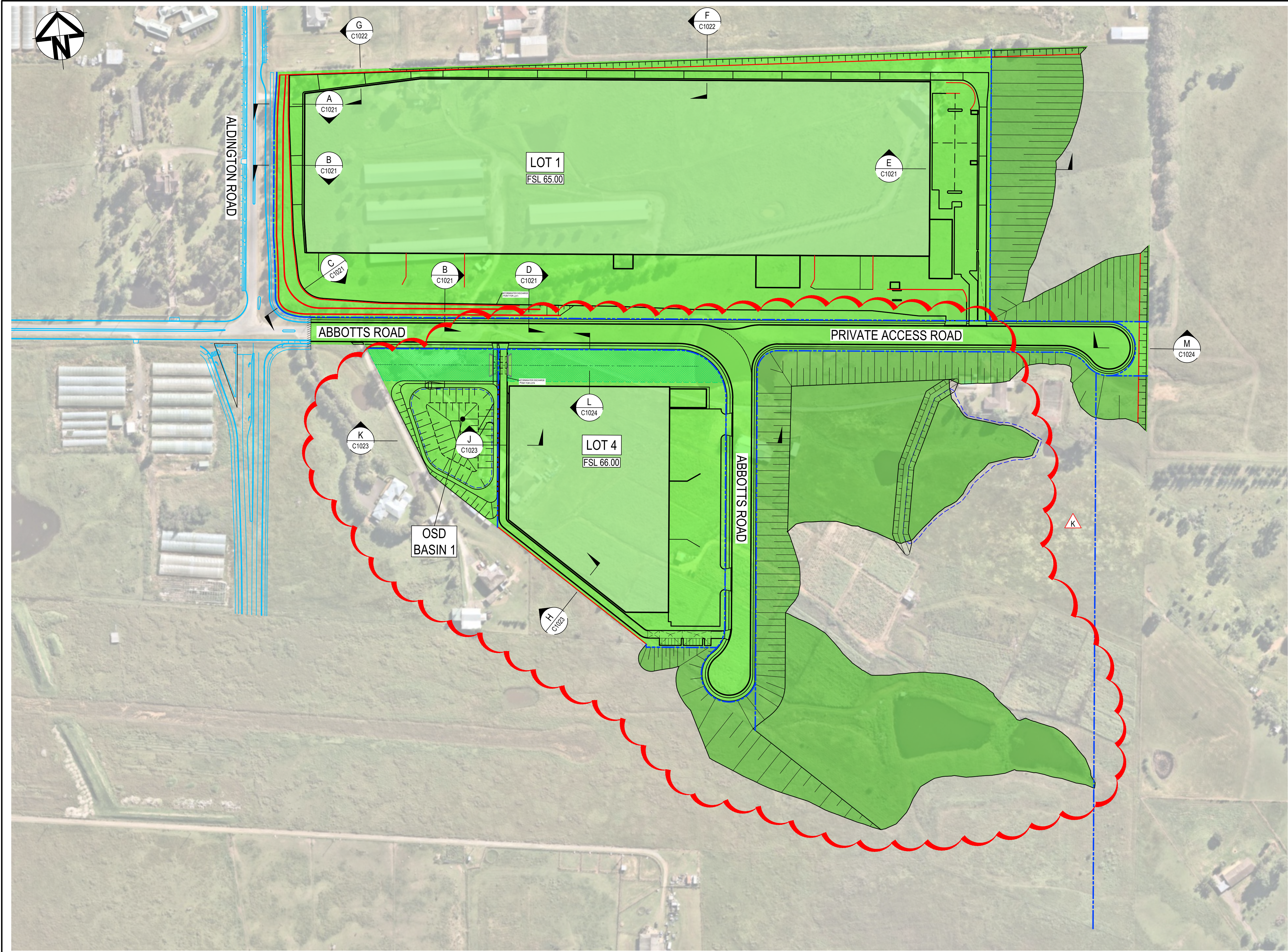
			Bar Scales				Client		Scales		Drawn		Project		Civil Engineers and Project Managers	
									1 : 200 @ A1		LM		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		at&l	
									Grid MGA2020		Designed LM				Level 7, 153 Walker Street North Sydney NSW 2060	
E			RE-ISSUED FOR DEVELOPMENT APPLICATION		14-02-23				Height Datum AHD		Checked AT				ABN 96 130 882 405	
D			RE-ISSUED FOR DEVELOPMENT APPLICATION		19-10-22				GDA2020		Approved		TYPICAL ROAD SECTIONS SHEET 3		Tel: 02 9439 1777	
C			RE-ISSUED FOR DEVELOPMENT APPLICATION		29-08-22								Fax: 02 9923 1055			
B			RTS SUBMISSION		08-04-22								www.atl.net.au			
A			ISSUED FOR DEVELOPMENT APPLICATION		11-11-21				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				Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		info@atl.net.au	
Issue			Description		Date								Project - Drawing No. 20-748-C1012		A1	
															Issue E	



F:\20-748 ESR Mamre\6.0 Drqs\Civil\Final\SSDA\1000 INFRASTRUCTURE\20-748-C1013.dwg



F:\20-748 ESR Mamre\6.0 Drqs\Civil\Final\SSDA\1000 INFRASTRUCTURE\20-748-C1015.dwg



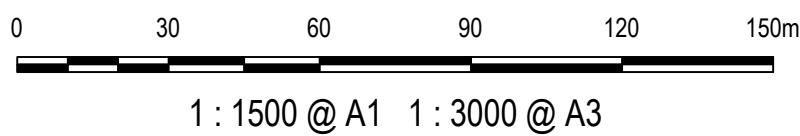
LEGEND:

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- ALDINGTON / ABBOTTS RD UPGRADE WORKS. REFER TO 500 SERIES DRG's.
- INDICATIVE POND LAYOUT
- PROPOSED RETAINING WALL
- STAGE 1 EXTENT OF WORKS

ALL LEVELS SHOWN ± 1000mm U.N.O

K	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
J	RE-ISSUED FOR DEVELOPMENT APPLICATION	09-02-23
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
Issue	Description	Date

Bar Scales



Client



Scales

1 : 1500

Drawn

LM

Designed

LM

Grid

MGA2020

Checked

AT

Height Datum

AHD

Approved

Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

BOUNDARY INTERFACE 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-C1020

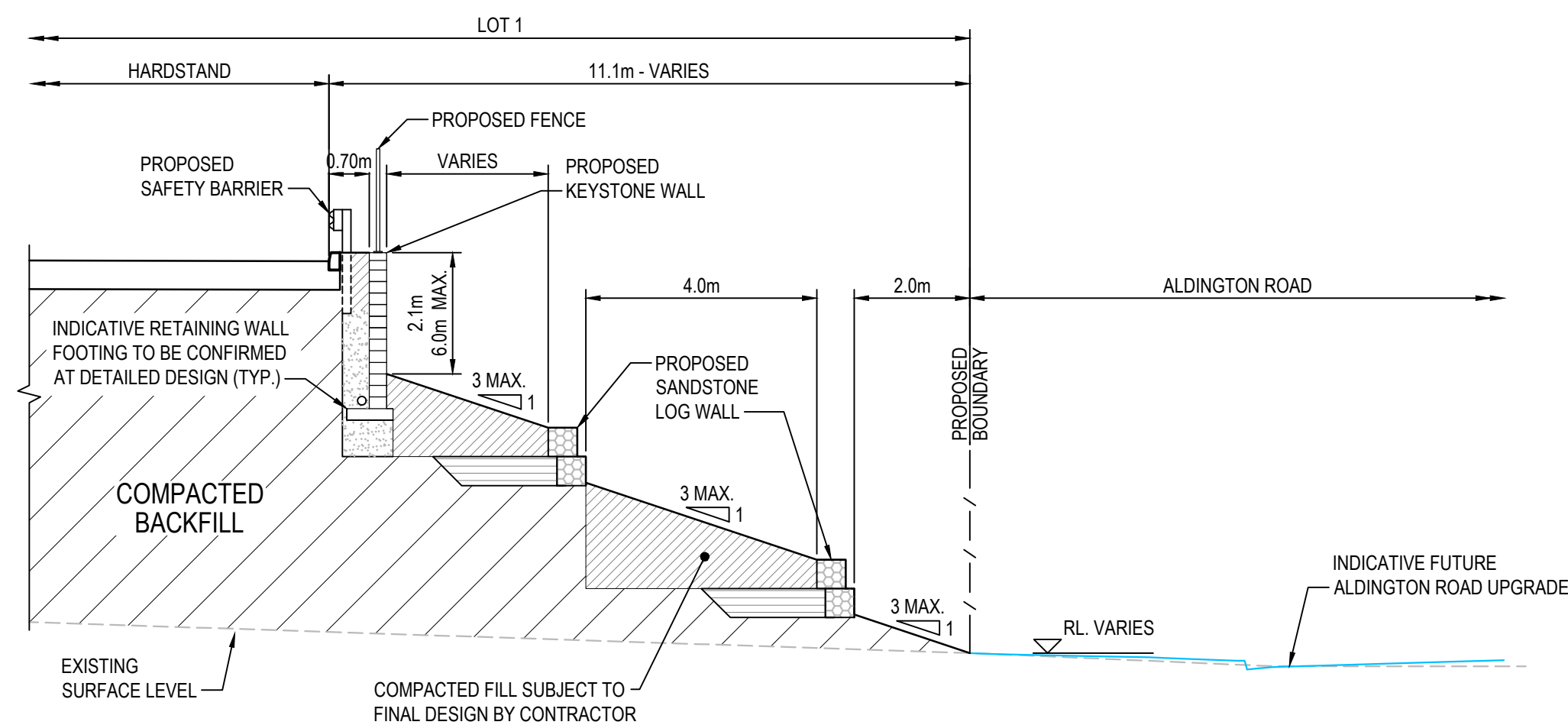
A1

Issue

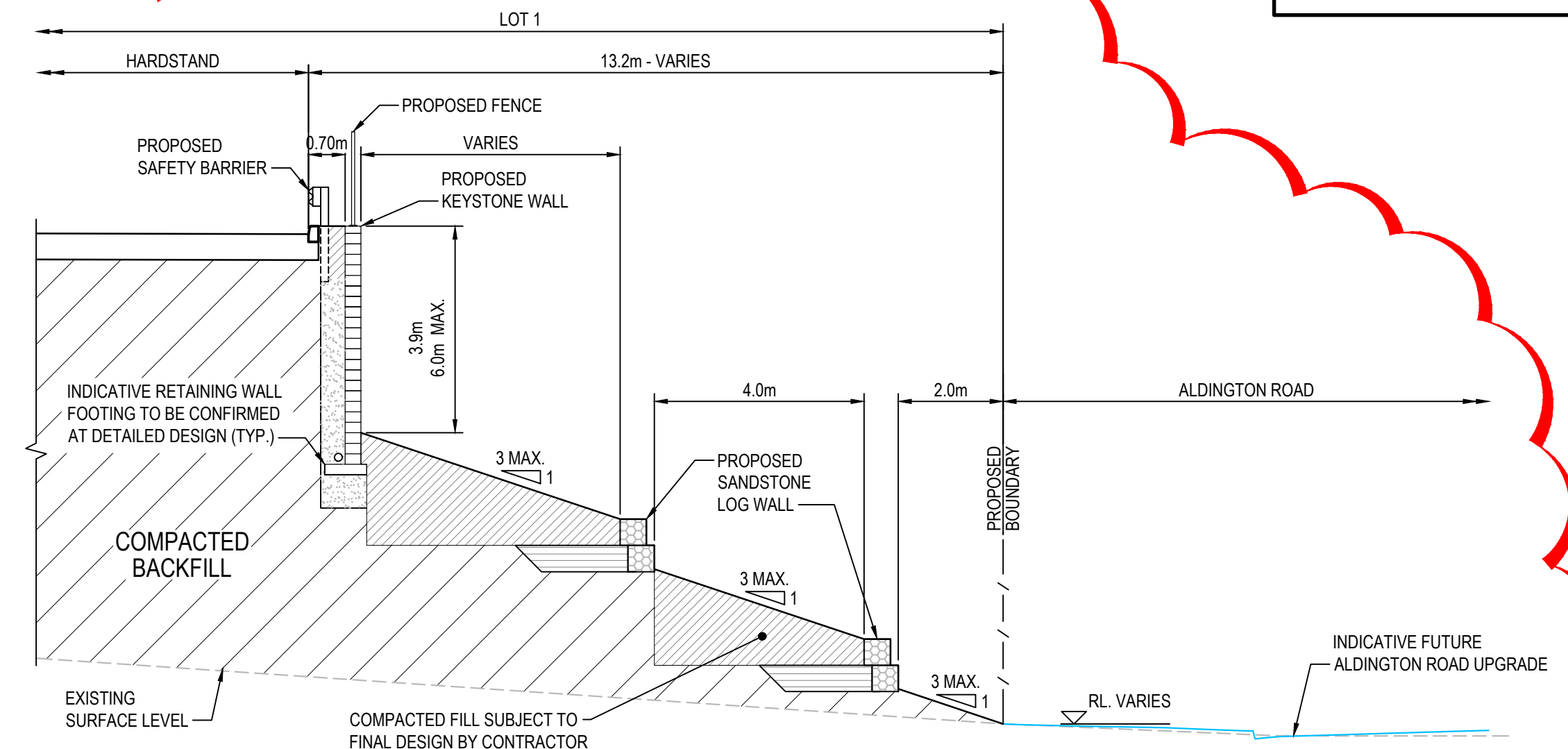
K

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

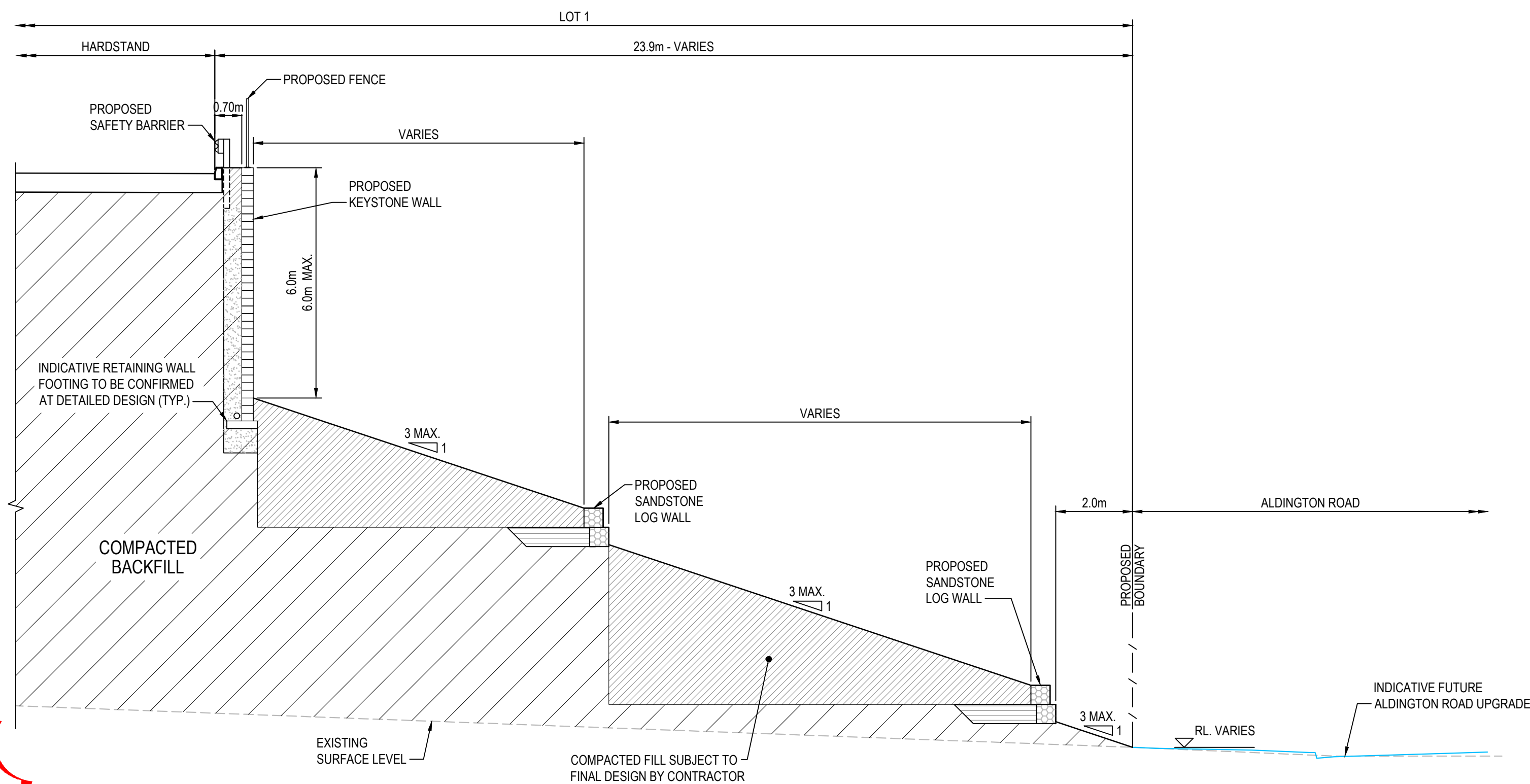
NOTE:
RETAINING WALL DETAILS ARE INDICATIVE
ONLY. FINAL DESIGN SUBJECT TO
GEOTECHNICAL, LANDSCAPE AND STRUCTURAL
ENGINEERS DETAILS.



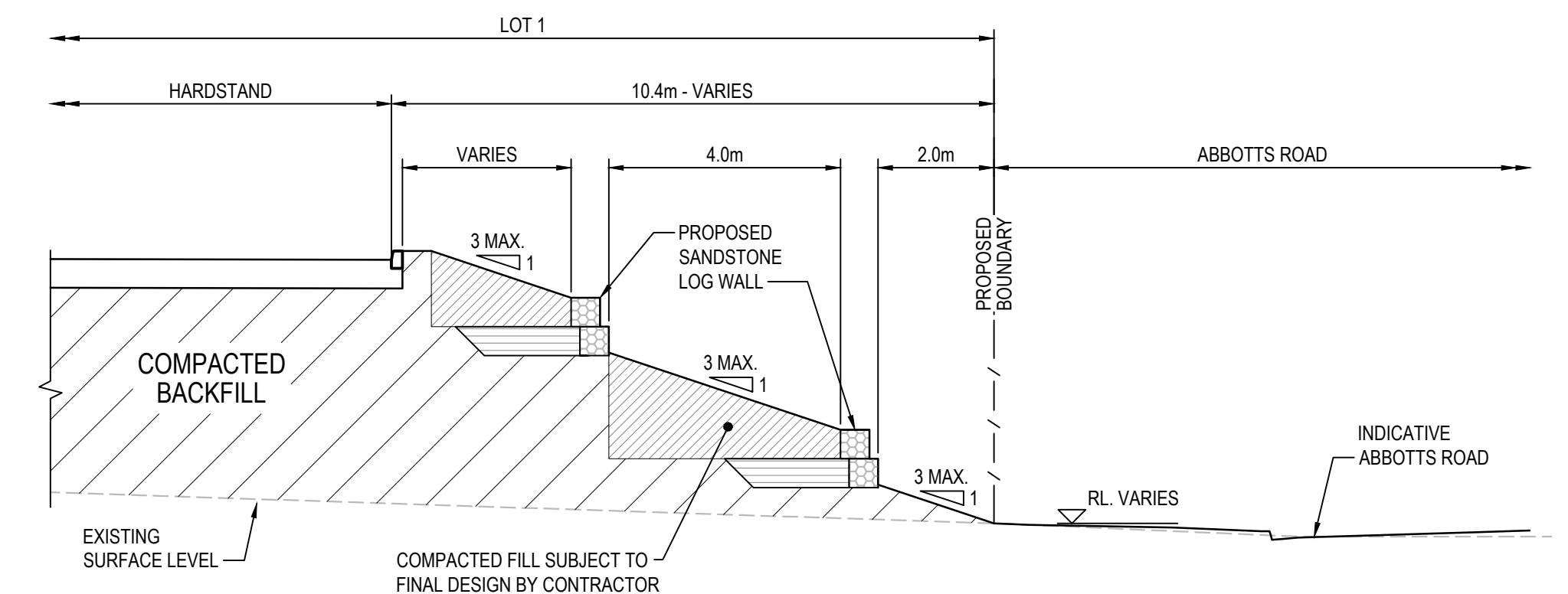
SECTION A
1:100
C1020



SECTION B
1:100
C1020



SECTION C
1:100
C1020



SECTION D
1:100
C1020

H	RE-ISSUED FOR DEVELOPMENT APPLICATION	09-02-23
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date


Bar Scales

Client

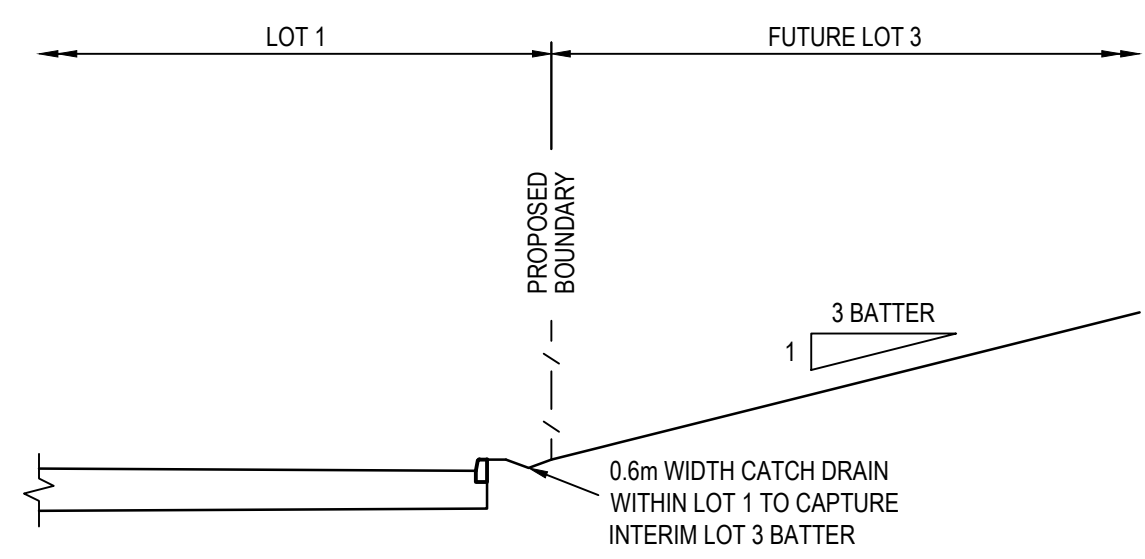


Scales	1:100
Grid	MGA2020
Height Datum	AHD
Drawn	LM
Designed	LM
Checked	AT
Approved	
GDA2020	
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L	

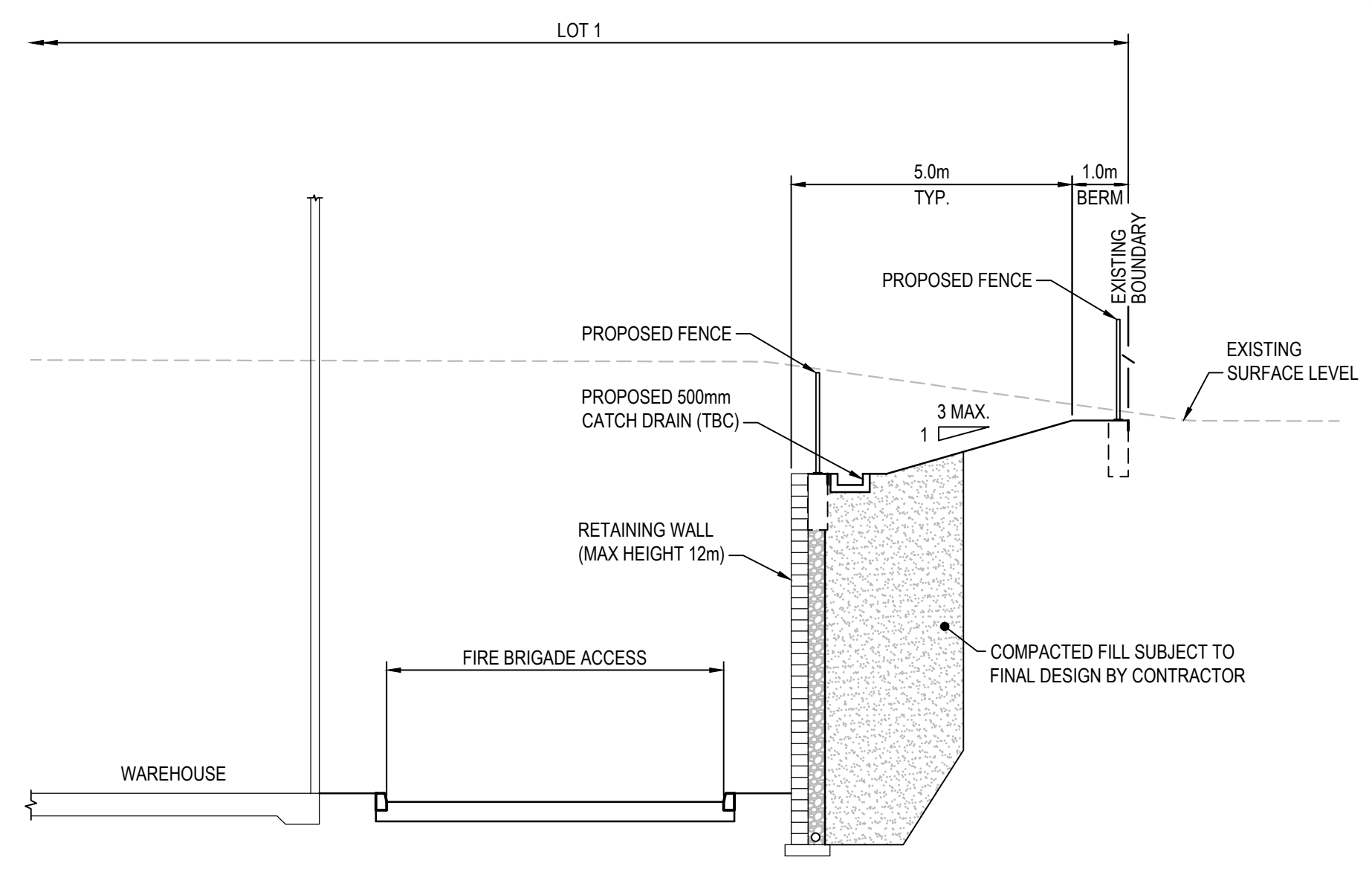
Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	BOUNDARY INTERFACE SECTIONS SHEET 1

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	A1
Project - Drawing No.	20-748-C1021	Issue H

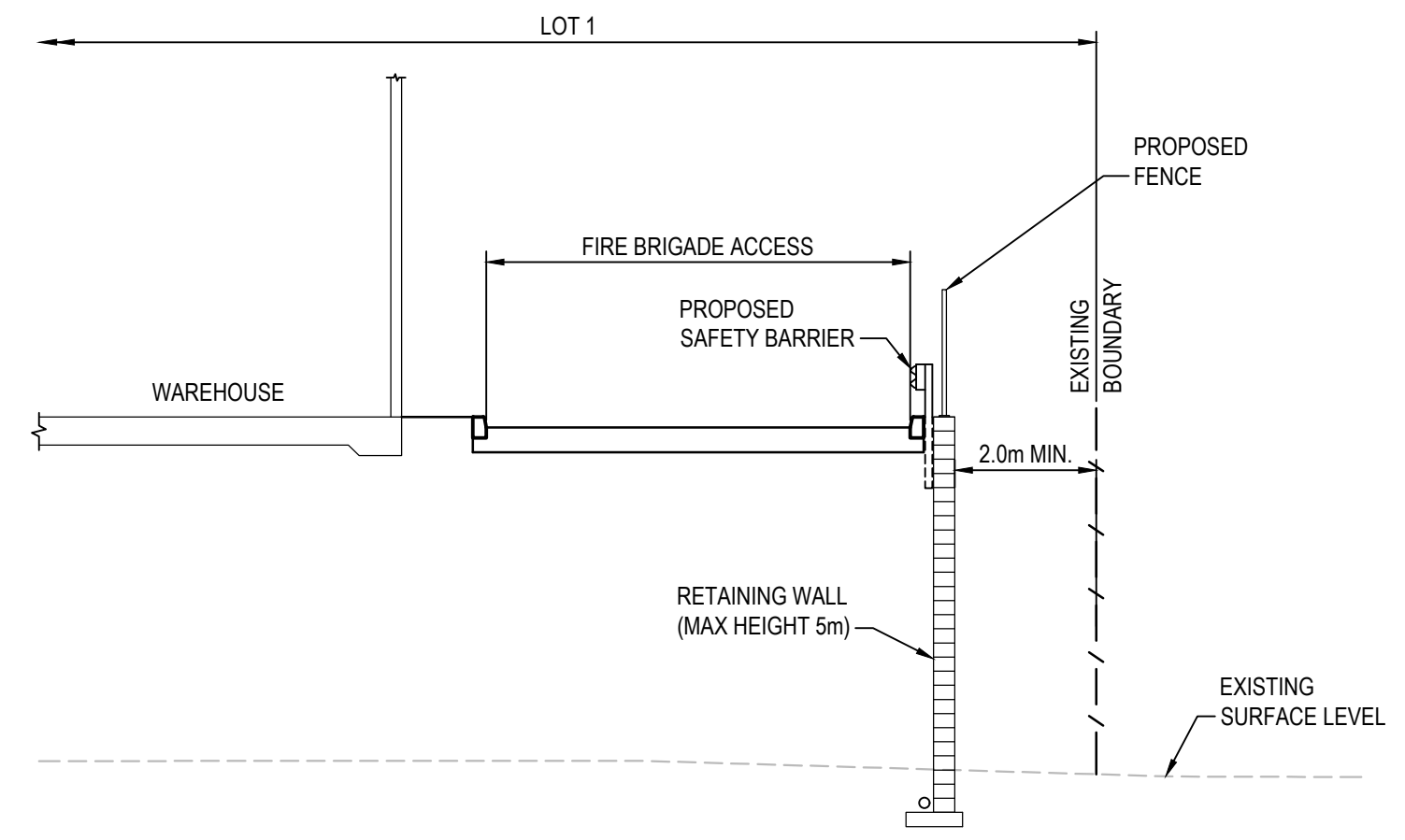
NOTE:
RETAINING WALL DETAILS ARE INDICATIVE ONLY. FINAL DESIGN SUBJECT TO GEOTECHNICAL, LANDSCAPE AND STRUCTURAL ENGINEERS DETAILS.



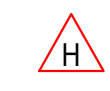
SECTION E
1 : 100
C1020








SECTION F
1 : 100
C1020

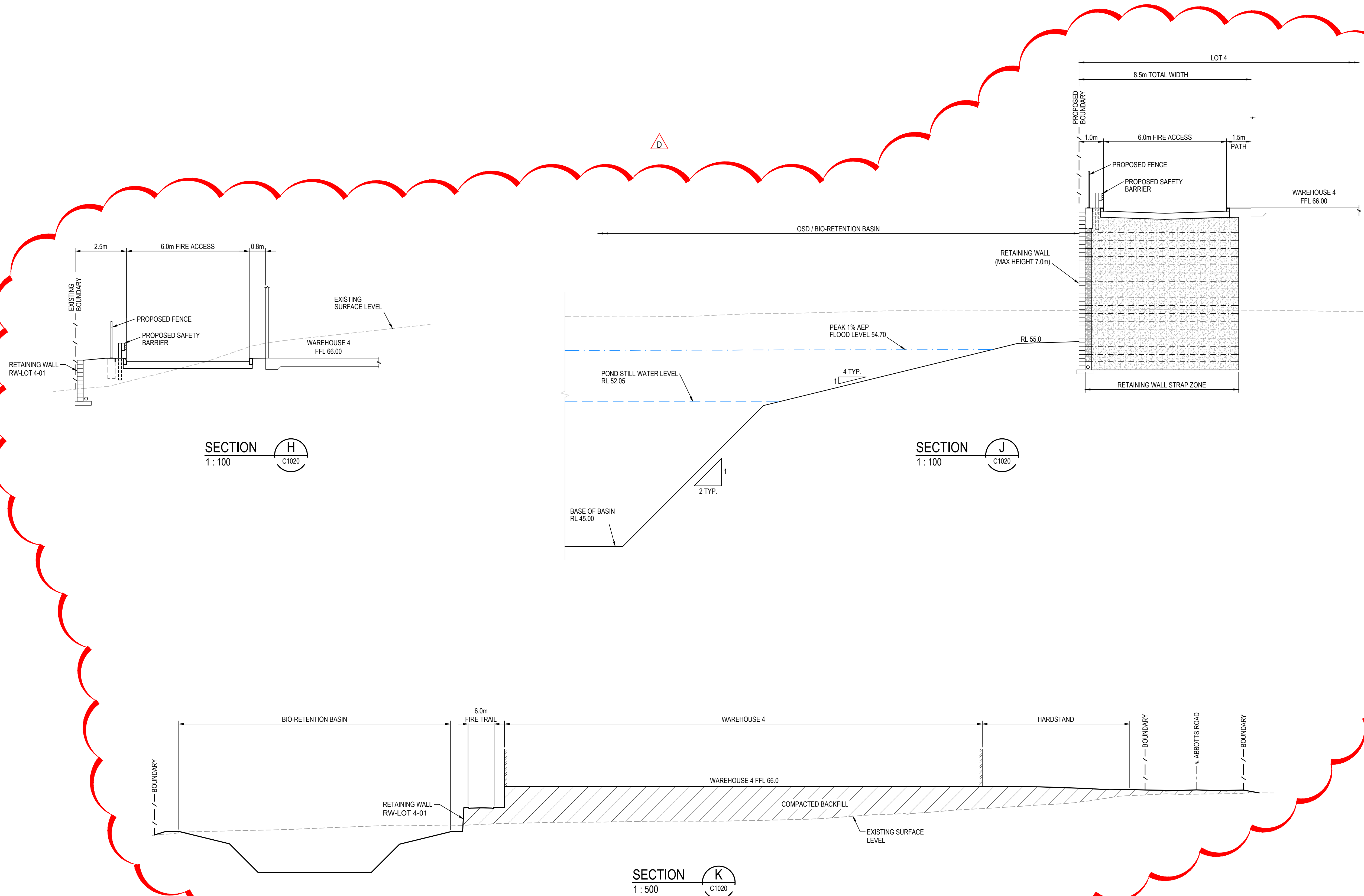


SECTION G
1 : 100
C1020

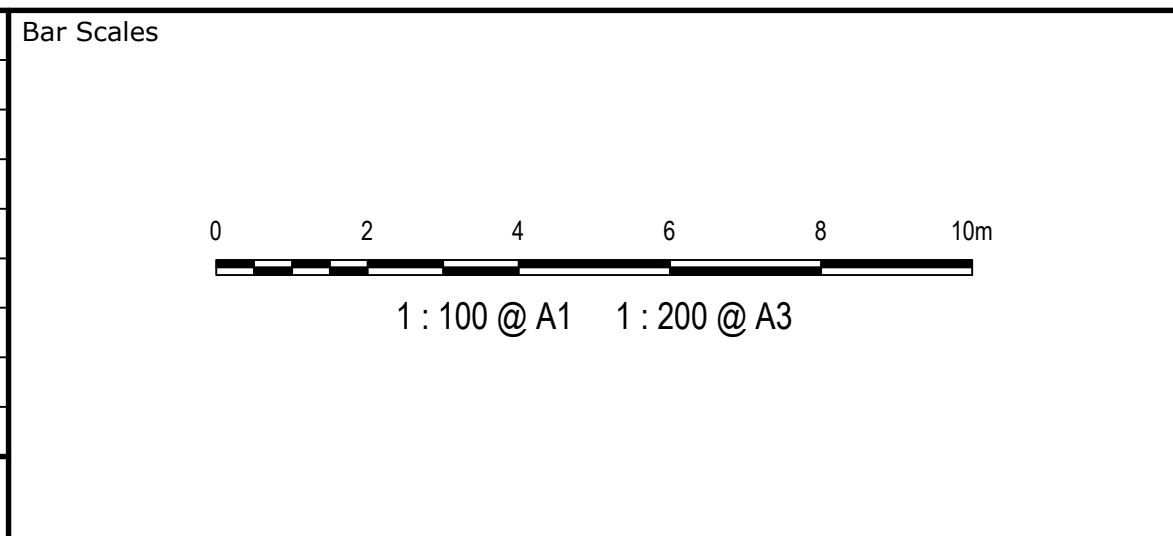


Bar Scales				Client		Scales 1 : 100	Drawn LM	Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers	
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	09-02-23								Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22			Grid MGA2020	Designed LM	Checked AT			
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22					Title BOUNDARY INTERFACE SECTIONS SHEET 2	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		
E	RTS SUBMISSION	08-04-22	Project - Drawing No. 20-748-C1022	Issue H						
D	RTS ISSUE	11-11-21			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					
C	RTS ISSUE	12-10-21								
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21								
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20								
Issue	Description	Date								

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



D	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
C	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
B	RTS SUBMISSION	08-04-22
A	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
Issue	Description	Date



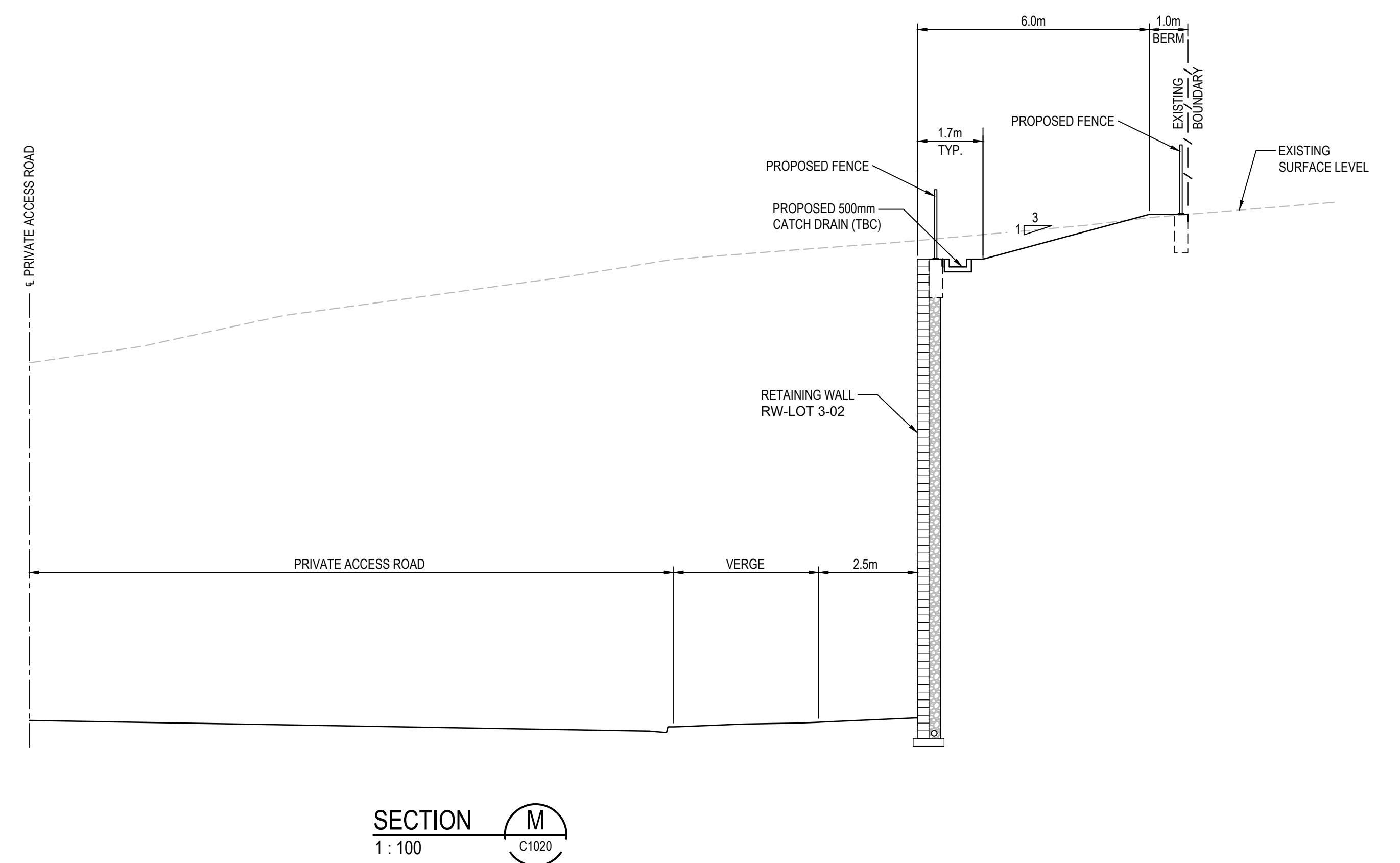
Client



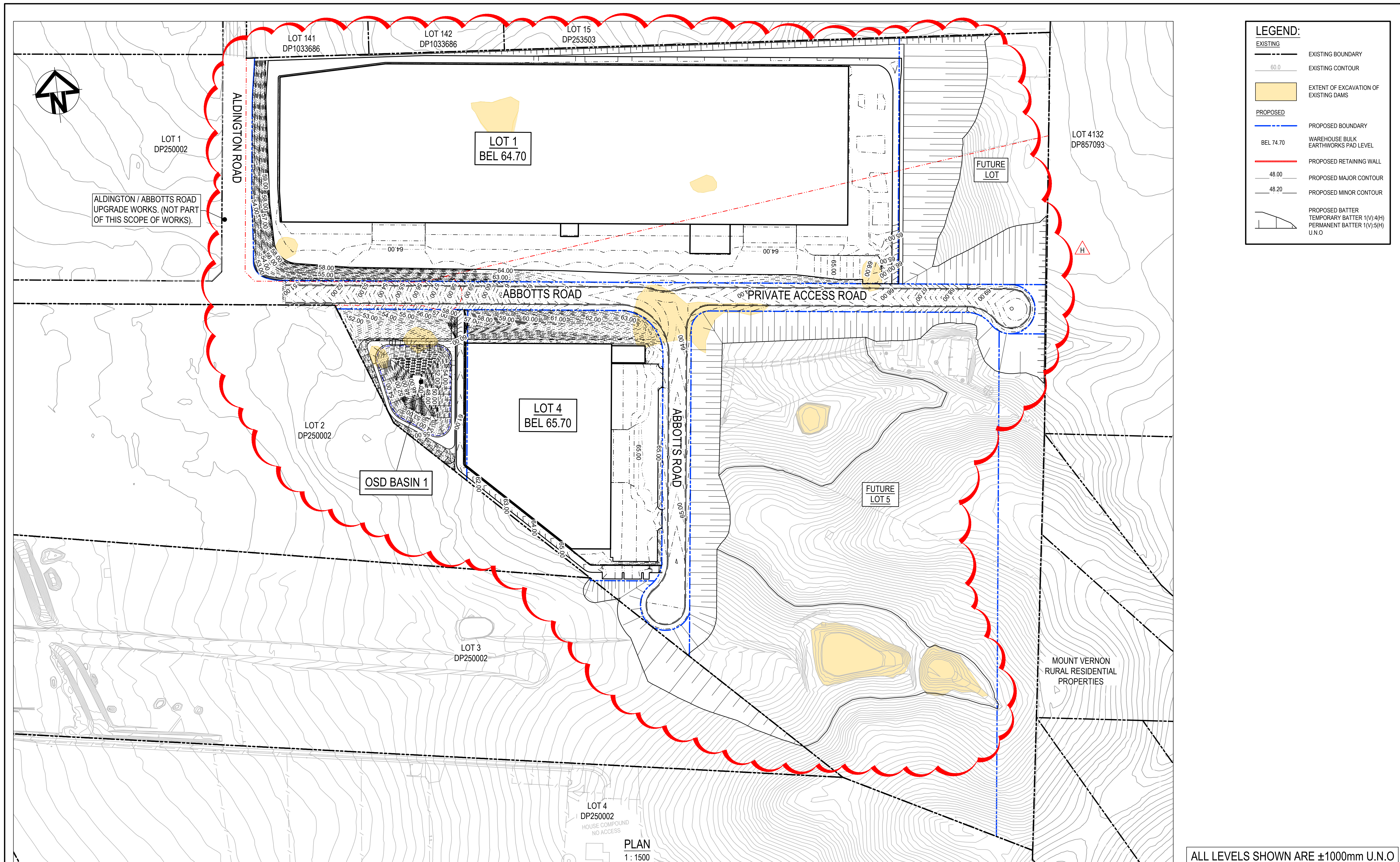
Scales	AS SHOWN	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	
GDA2020			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	BOUNDARY INTERFACE SECTIONS 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-C1023	Issue D



			Bar Scales			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
E	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23			 ESR	
D	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22				
C	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22				
B	RTS SUBMISSION	08-04-22				
A	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21				
Issue	Description	Date				



J	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date

Bar Scales



1 : 1500 @ A1 1 : 3000 @ A3

PLAN
1 : 1500

	Client
--	--------



	Scales
--	--------

1 : 1500

Grid

Height	4.10
--------	------

Datum	ARD
-------	-----



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

Designed

Checked

	Approved

	...
--	-----

	Project
--	---------

ct 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	
--------	--

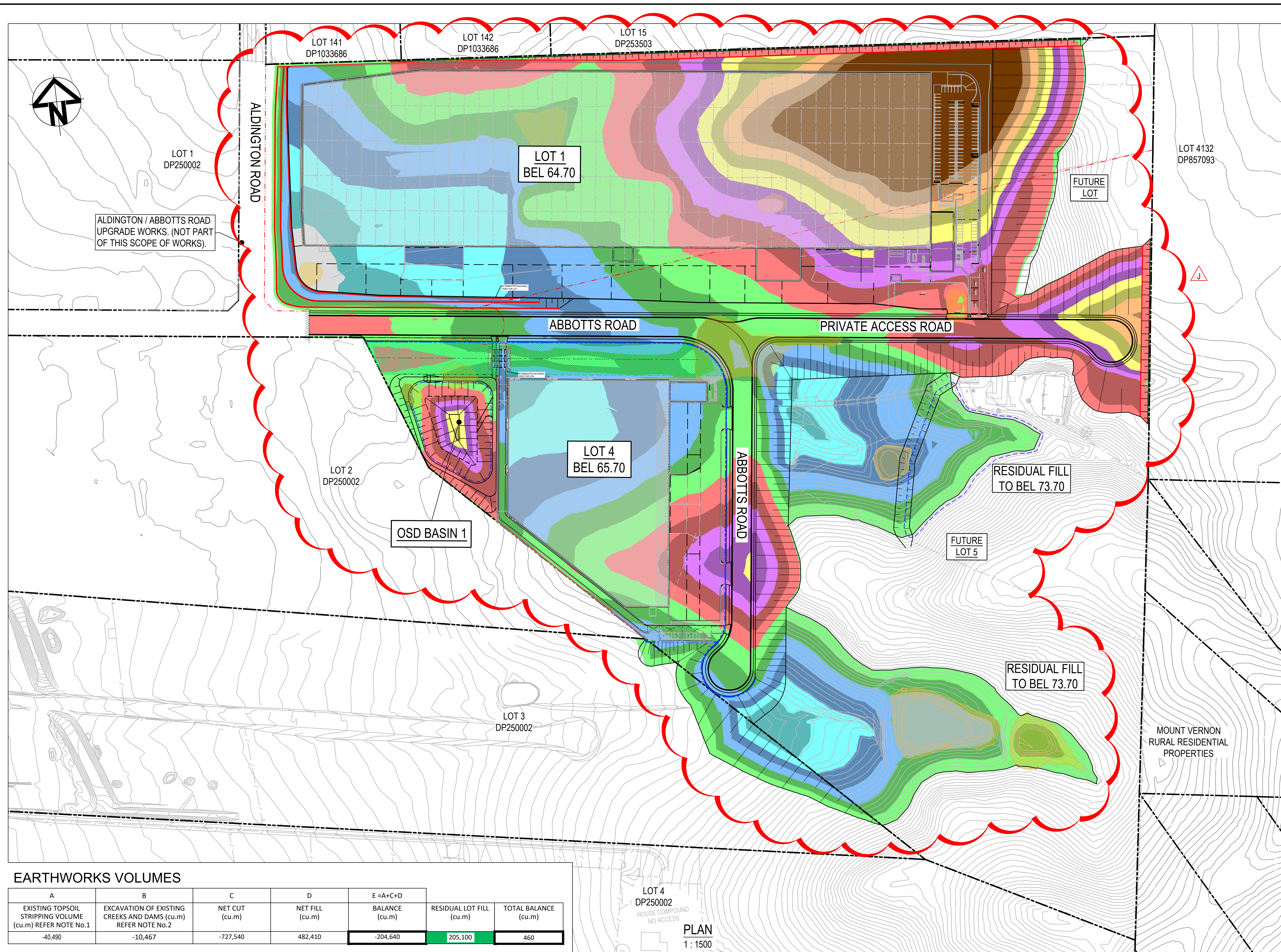
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.

A1



















1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

ALL LEVELS SHOWN ARE $\pm 1000\text{mm}$ U.N.O



LEGEND:

- EXISTING (black dashed line) EXISTING BOUNDARY
- 60.0 (black line with elevation) EXISTING CONTOUR
- (Yellow rectangle) EXTENT OF EXCAVATION OF EXISTING DAMS
- PROPOSED (blue dashed line) PROPOSED BOUNDARY
- (Orange area) WAREHOUSE BULK EARTHWORKS PAD LEVEL
- (Blue wavy line) INDICATIVE POND LAYOUT

CUTFILL DEPTH RANGE LEGEND		
Lower_value	Upper_value	Colour
-18.0	to -16.0 m	
-16.0	to -14.0 m	
-14.0	to -12.0 m	
-12.0	to -10.0 m	
-10.0	to -8.0 m	
-8.0	to -6.0 m	
-6.0	to -4.0 m	
-4.0	to -2.0 m	
-2.0	to 0.0 m	
0.0	to 2.0 m	
2.0	to 4.0 m	
4.0	to 6.0 m	
6.0	to 8.0 m	
8.0	to 10.0 m	
10.0	to 12.0 m	
12.0	to 14.0 m	
14.0	to 16.0 m	
16.0	to 18.0 m	

- ## NOTES:
1. EXISTING TOPSOIL STRIPPED 200mm
 2. ADDITIONAL EXCAVATION OF EXISTING DAMS WITHIN SITE AREA TO A DEPTH OF 1m BELOW EXISTING INVERT AND WIDTH OF EXISTING DAM EXTENT. VOLUMES ARE APPROXIMATE. EXCAVATED MATERIAL TO BE FARMED AND USED AS GENERAL FILL WITHIN FILL ZONES 2m BELOW FINAL SURFACE.
 3. NEGATIVE BALANCE VOLUMES INDICATE EXCES OF MATERIAL (EXPORT).
 4. ROAD PAVEMENT DEPTH ASSUMED 700mm.
 5. ON LOT PAVEMENT DEPTH ASSUMED 300mm
 6. THE VOLUMES DO NOT TAKE INTO ACCOUNT TH FOLLOWING -
 - 6.1. BULKING FACTORS OF REMOVED CUT
 - 6.2. REMOVAL OF EXISTING BUILDING SLABS AND PAVEMENTS
 - 6.3. REMOVAL AND/OR REMEDIATION OF ANY EXISTING UNCONTROLLED FILL
 - 6.4. PROPOSED LANDSCAPING
 - 6.5. STORMWATER AND UTILITY TRENCHING
 - 6.6. EROSION AND SEDIMENTATION CONTROL SWALES AND BASINS.
 - 6.7. ENGINEERING FILL BEHIND RETAINING WALLS.

EARTHWORKS VOLUMES						
A	B	C	D	E = A+C+D		
EXISTING TOPSOIL STRIPPING VOLUME (cu.m) REFER NOTE No.1	EXCAVATION OF EXISTING CREEKS AND DAMS (cu.m) REFER NOTE No.2	NET CUT (cu.m)	NET FILL (cu.m)	BALANCE (cu.m)	RESIDUAL LOT FILL (cu.m)	TOTAL BALANCE (cu.m)
-40,490	-10,467	-727,540	482,410	-204,640	205,100	460

ALL LEVELS SHOWN ARE $\pm 1000\text{mm}$ U.N.O

J	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date

Bar Scales

0 30 60 90 120 150m

1: 1500 @ A1 1: 3000 @ A3

Client

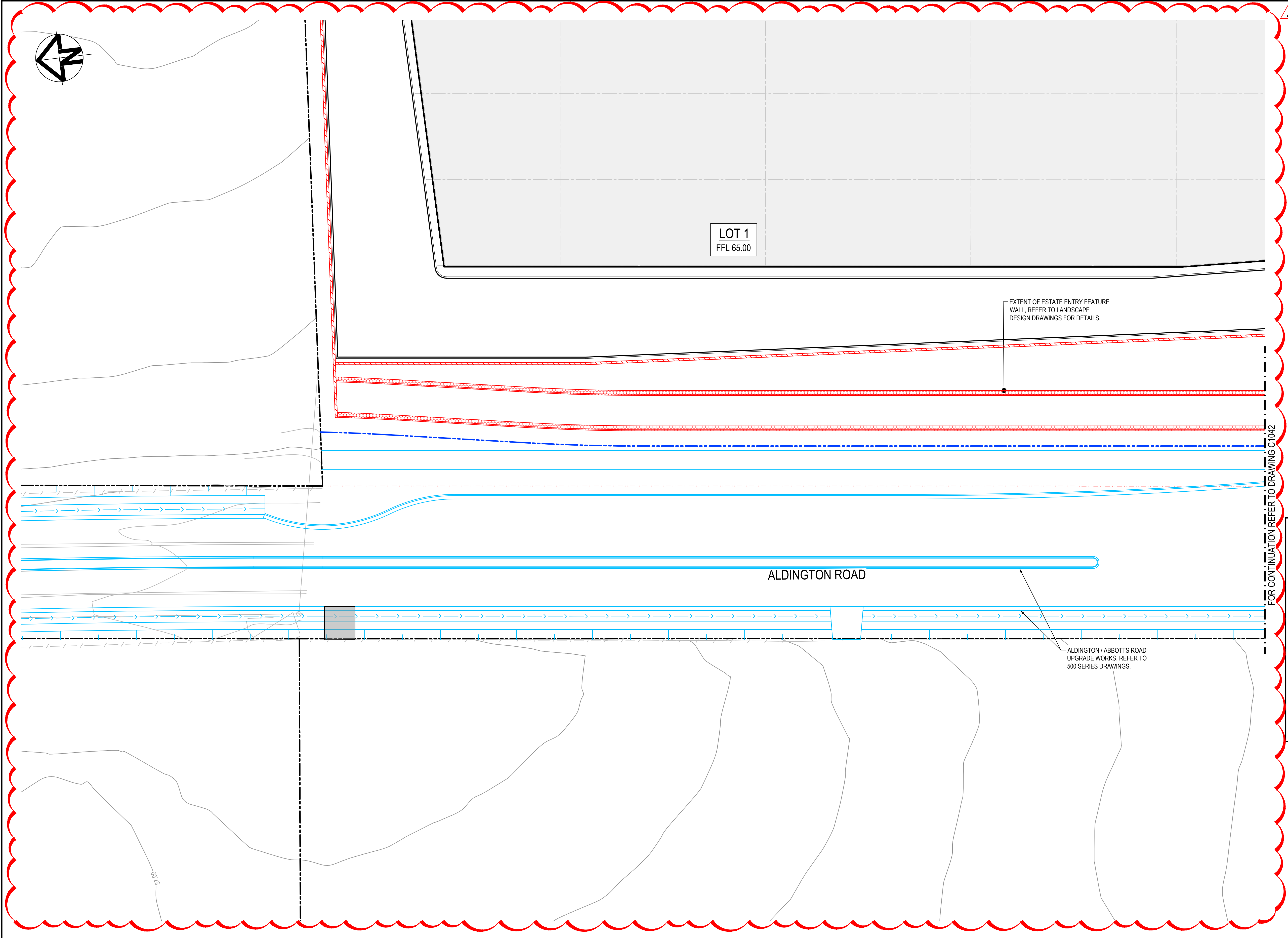
Scales 1 : 1500	Drawn	LM
	Designed	LM
Grid MGA2020	Checked	AT
Height Datum AHD	Approved	
<p>THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&I</p>		

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	BULK EARTHWORKS CUT/FILL 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	A1
Project - Drawing No.	20-748-C1033	Issue J



LEGEND:

EXISTING BOUNDARY

EXISTING BOUNDARY TO BE REMOVED

EXISTING ELECTRICITY

PROPOSED BOUNDARY

PROPOSED EASEMENT

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

INDICATIVE POND LAYOUT

PROPOSED RETAINING WALL

PROPOSED MAJOR CONTOUR

PROPOSED MINOR CONTOUR

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

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%

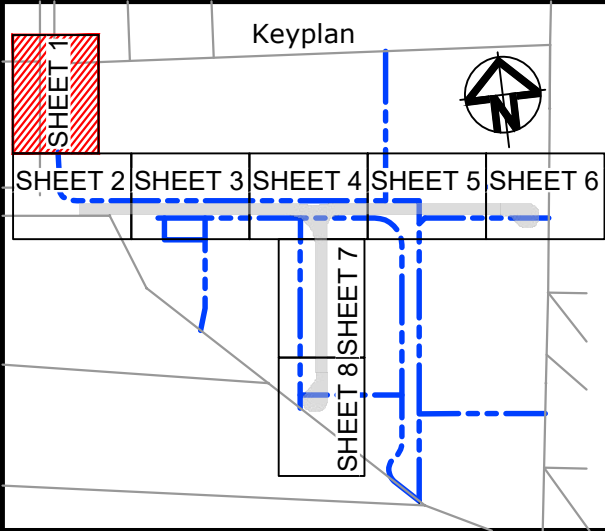
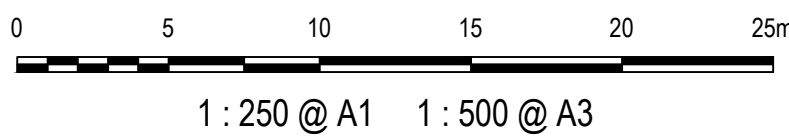
CUL-DE-SAC AND ROUNDABOUT PAVEMENT
75mm THICKNESS AC14 (A1SE) ON
7mm THICKNESS PRIME SEAL ON
150mm THICKNESS BASECOURSE (DGB20) ON
175mm THICKNESS SUB-BASECOURSE (DGS40) ON
300mm THICKNESS SELECT SANDSTONE FILL (CBR 35%) ON
COMPACTED SUBGRADE MIN CBR 3%

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)

J	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date

Bar Scales



Client

Scales

1 : 250

Drawn

LM

Designed

LM

Grid

MGA2020

Checked

AT

Height Datum

AHD

Approved

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

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

Status

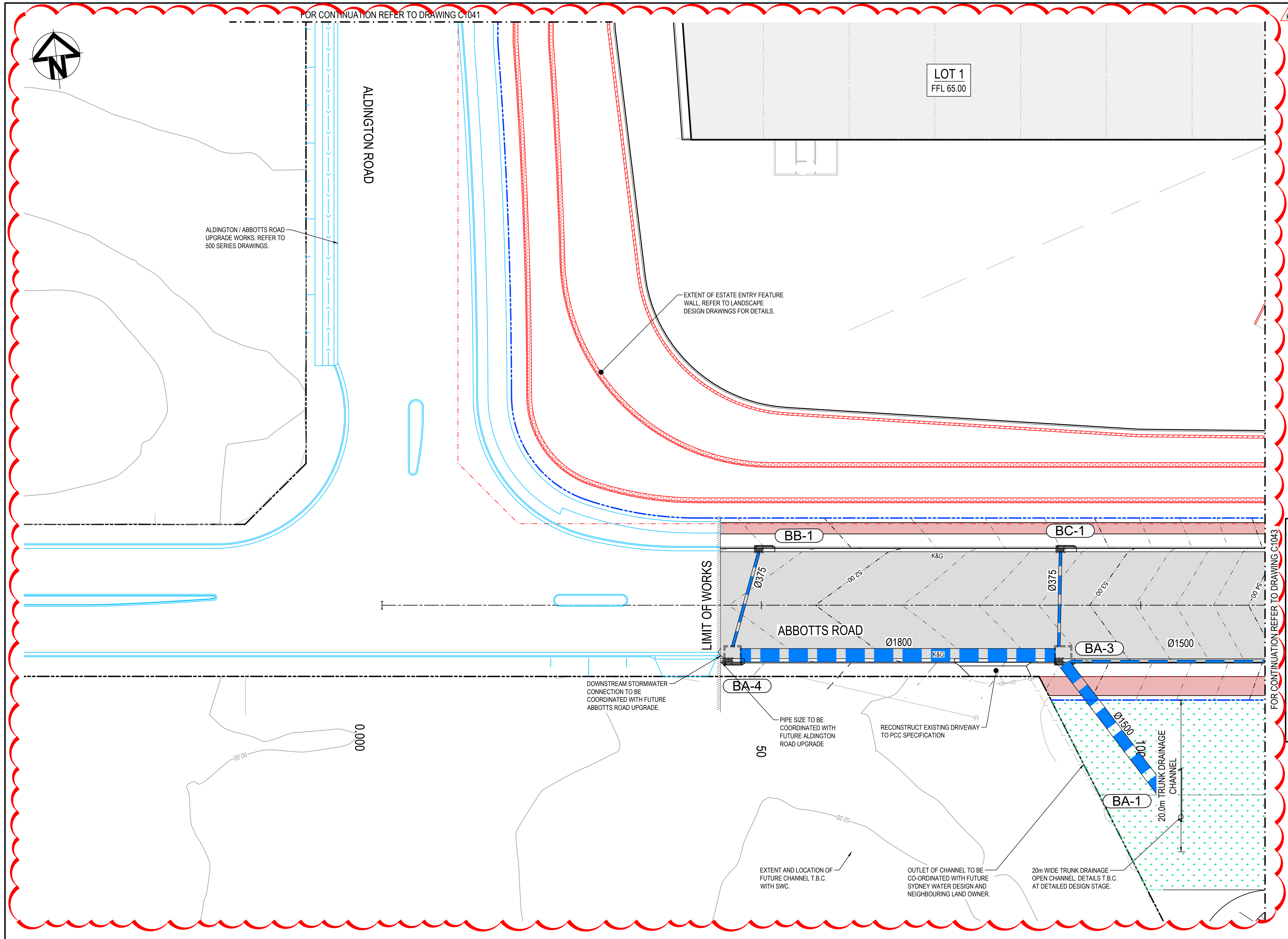
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.

20-748-C1041

Issue

J

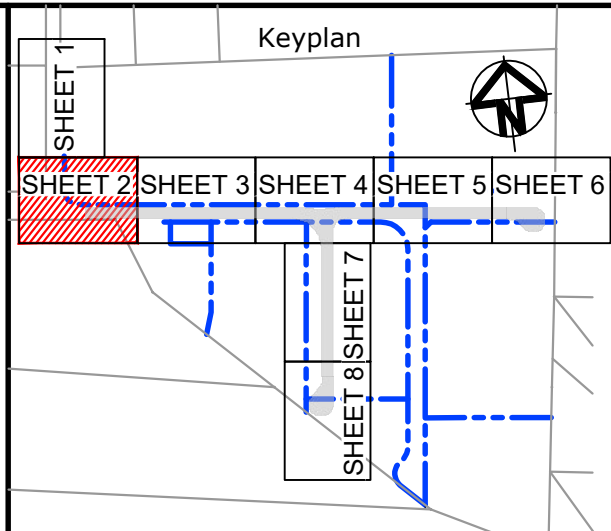
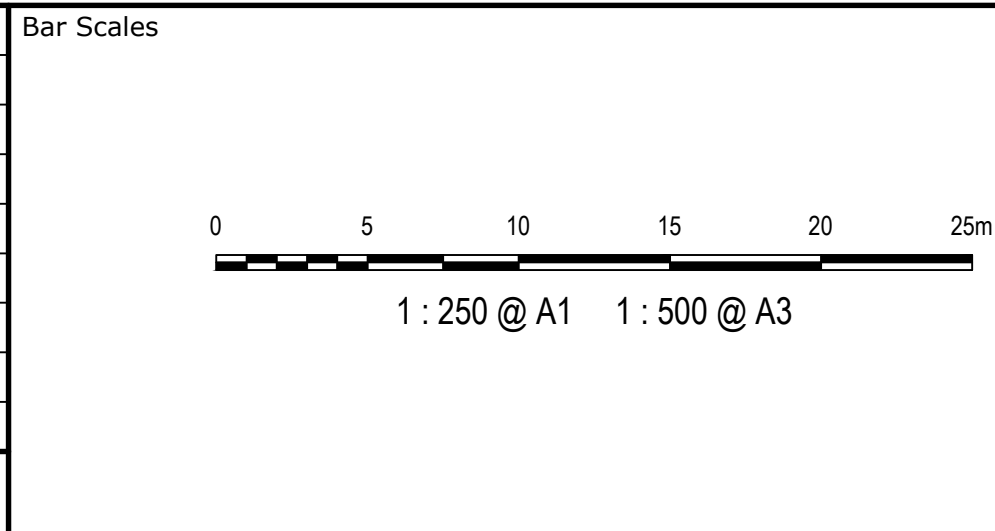


LEGEND:	
	EXISTING BOUNDARY
	EXISTING BOUNDARY TO BE REMOVED
	EXISTING ELECTRICITY
	PROPOSED BOUNDARY
	PROPOSED EASEMENT
	ALDINGTON / ABBOTTS RD UPGRADE WORKS. (NOT PART OF THIS SCOPE OF WORKS).
	INDICATIVE POND LAYOUT
	PROPOSED RETAINING WALL
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED 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
	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)

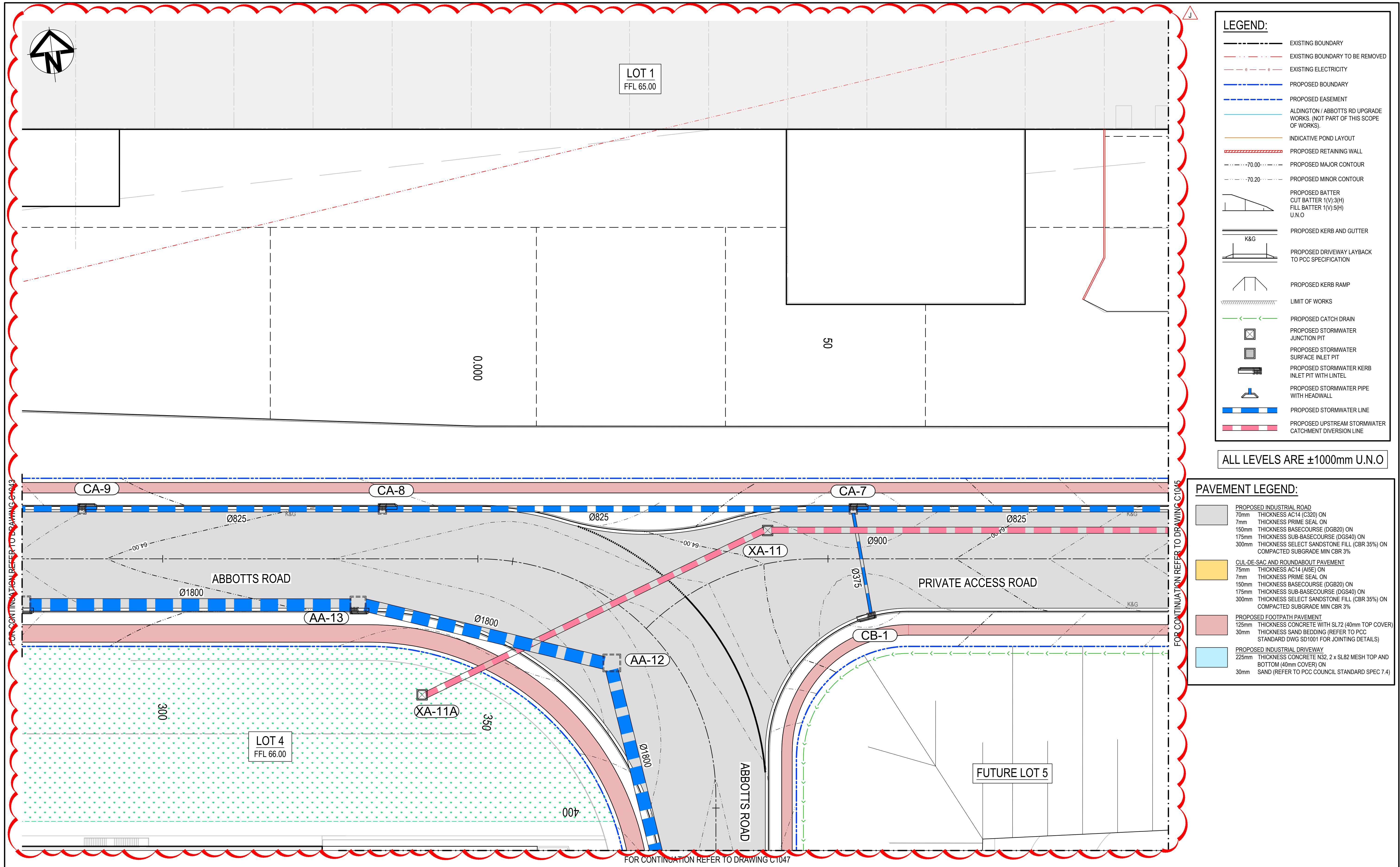
K	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
J	RE-ISSUED FOR DEVELOPMENT APPLICATION	15-12-22
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
Issue	Description	Date



Scales	1 : 250	Drawn	LM
Grid	MGA2020	Designed	LM
Height Datum	AHD	Checked	AT
		Approved	
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	ROADWORKS AND STORMWATER DRAINAGE 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
Project - Drawing No.	20-748-C1042
Issue	K



LEGEND:

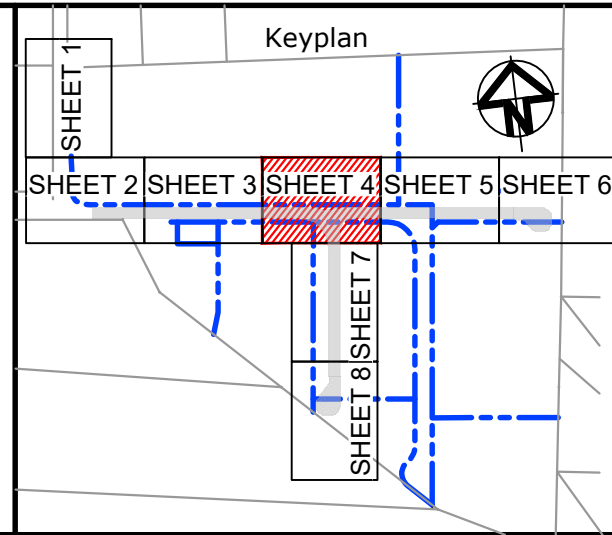
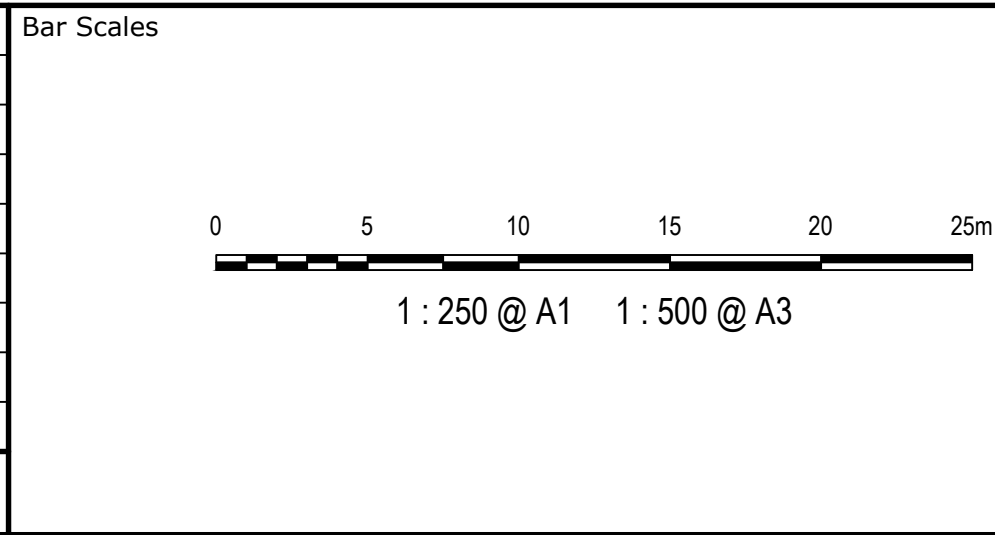
- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- ALDINGTON / ABBOTTS RD UPGRADE WORKS. (NOT PART OF THIS SCOPE OF WORKS).
- INDICATIVE POND LAYOUT
- PROPOSED RETAINING WALL
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED 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
- 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 (AISE) 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)

Issue	Description	Date
D	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
C	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
B	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
A	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22



Client

ESR

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

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

ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 4

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

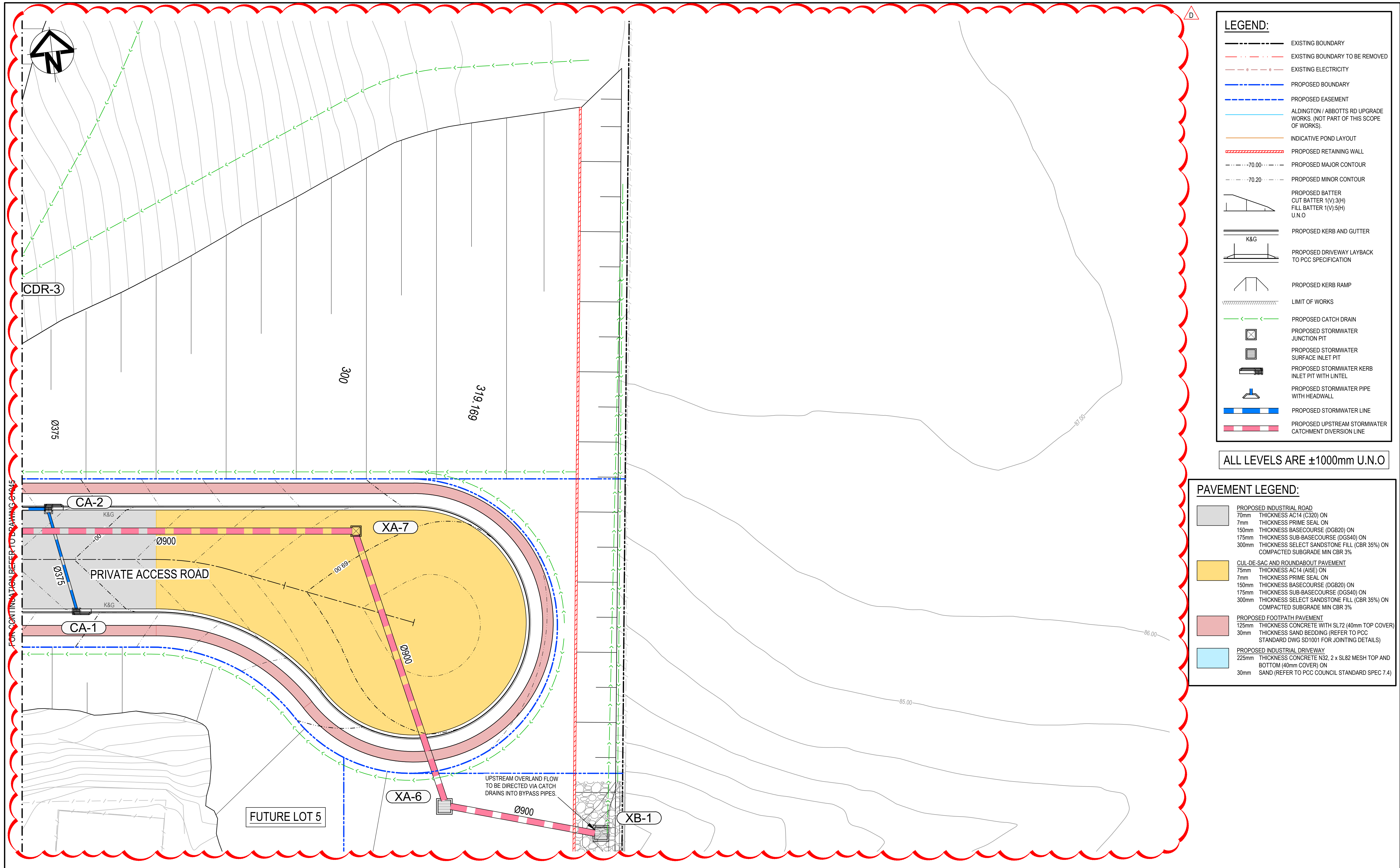
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.

20-748-C1044

Issue

D



LEGEND:

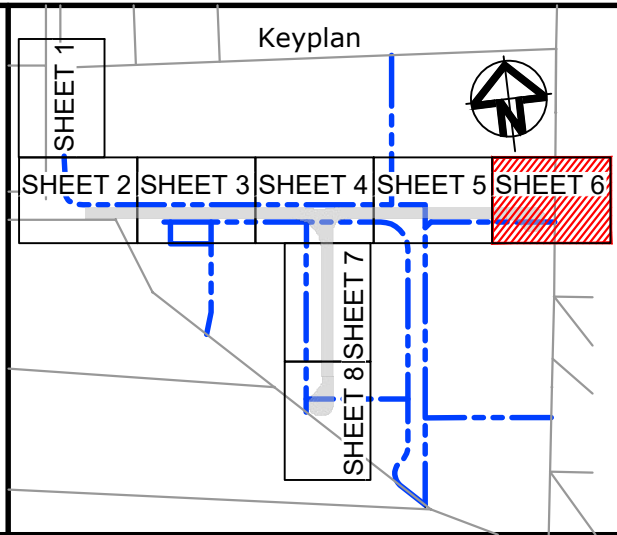
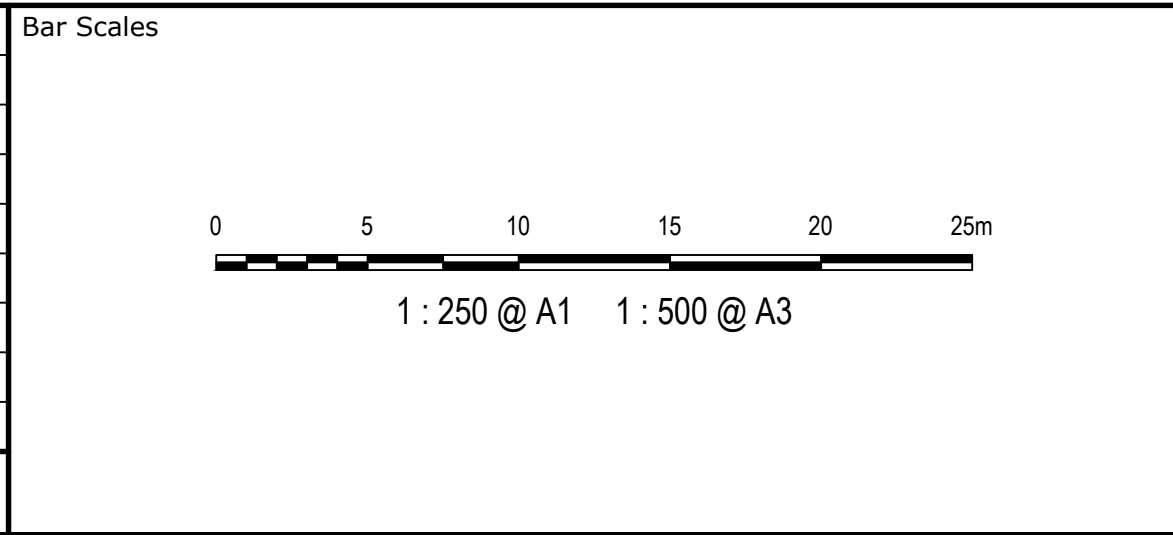
- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- ALDINGTON / ABBOTTS RD UPGRADE WORKS. (NOT PART OF THIS SCOPE OF WORKS).
- INDICATIVE POND LAYOUT
- PROPOSED RETAINING WALL
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED 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
- 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)

D	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
C	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
B	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
A	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
Issue	Description	Date



Client

ESR

Scales

1 : 250

Grid MGA2020

Height Datum AHD

Drawn LM

Designed LM

Checked AT

Approved

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

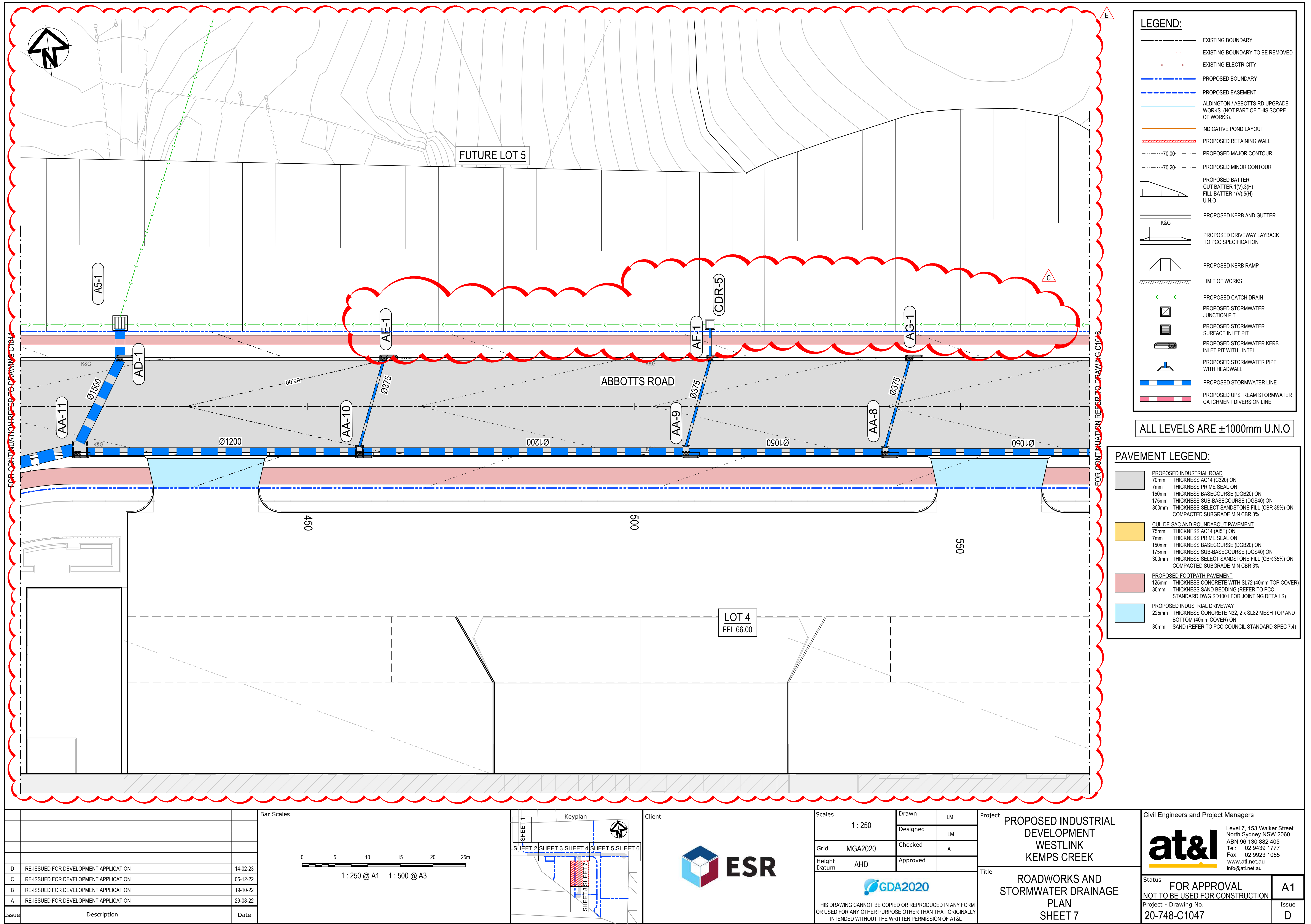
**FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION**

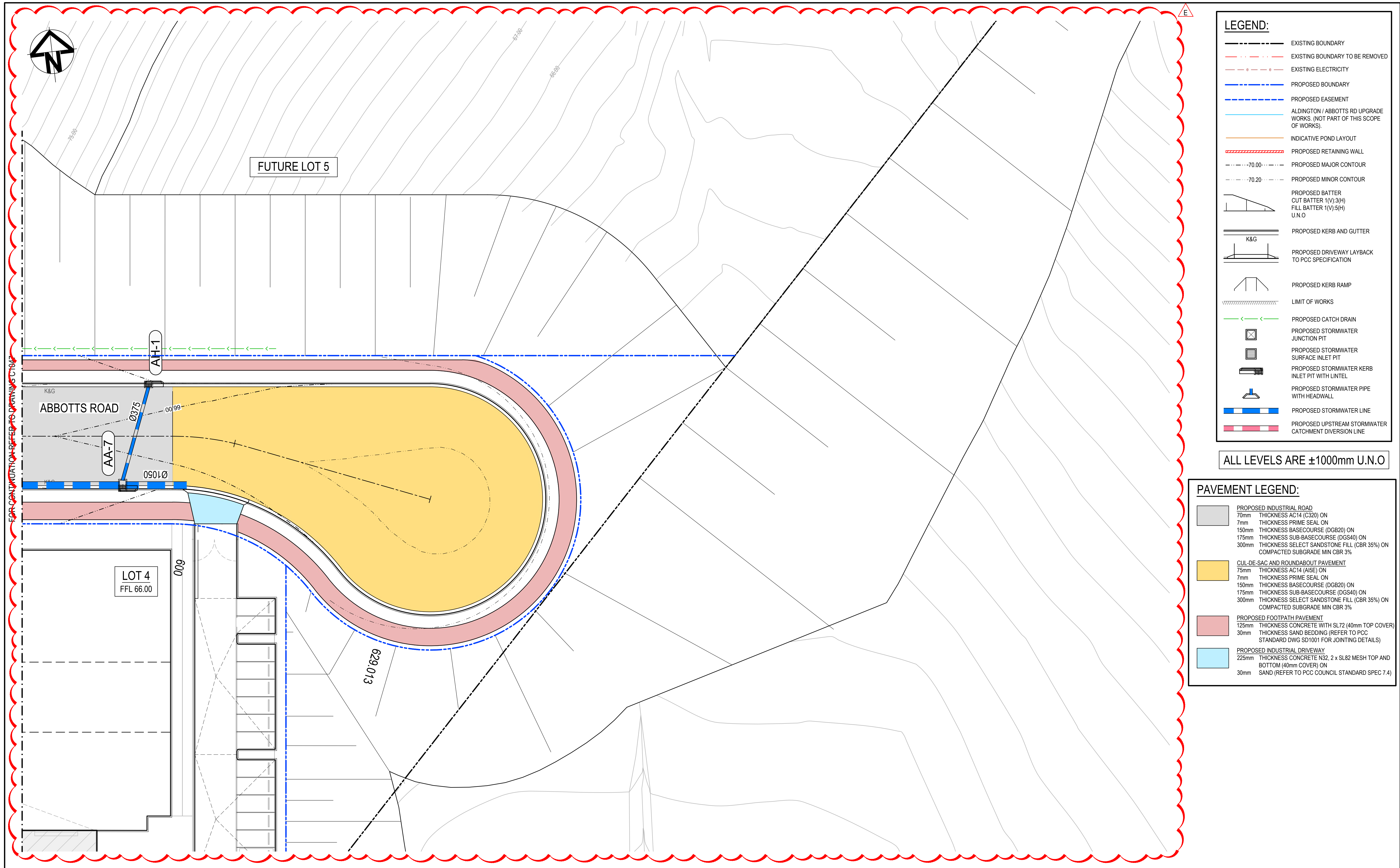
Project - Drawing No.

20-748-C1046

Issue

**A1
D**





LEGEND:

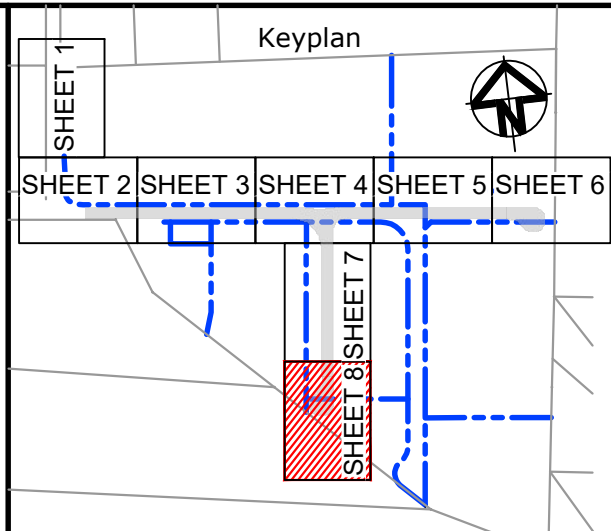
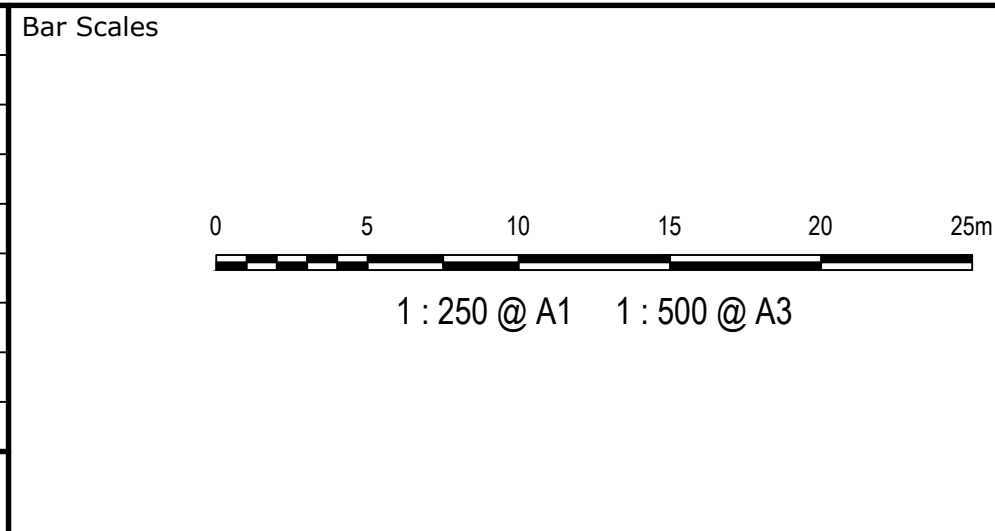
- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- ALDINGTON / ABBOTTS RD UPGRADE WORKS, (NOT PART OF THIS SCOPE OF WORKS).
- INDICATIVE POND LAYOUT
- PROPOSED RETAINING WALL
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED 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
- 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)

D	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
C	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
B	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
A	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
Issue	Description	Date



Client

ESR

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

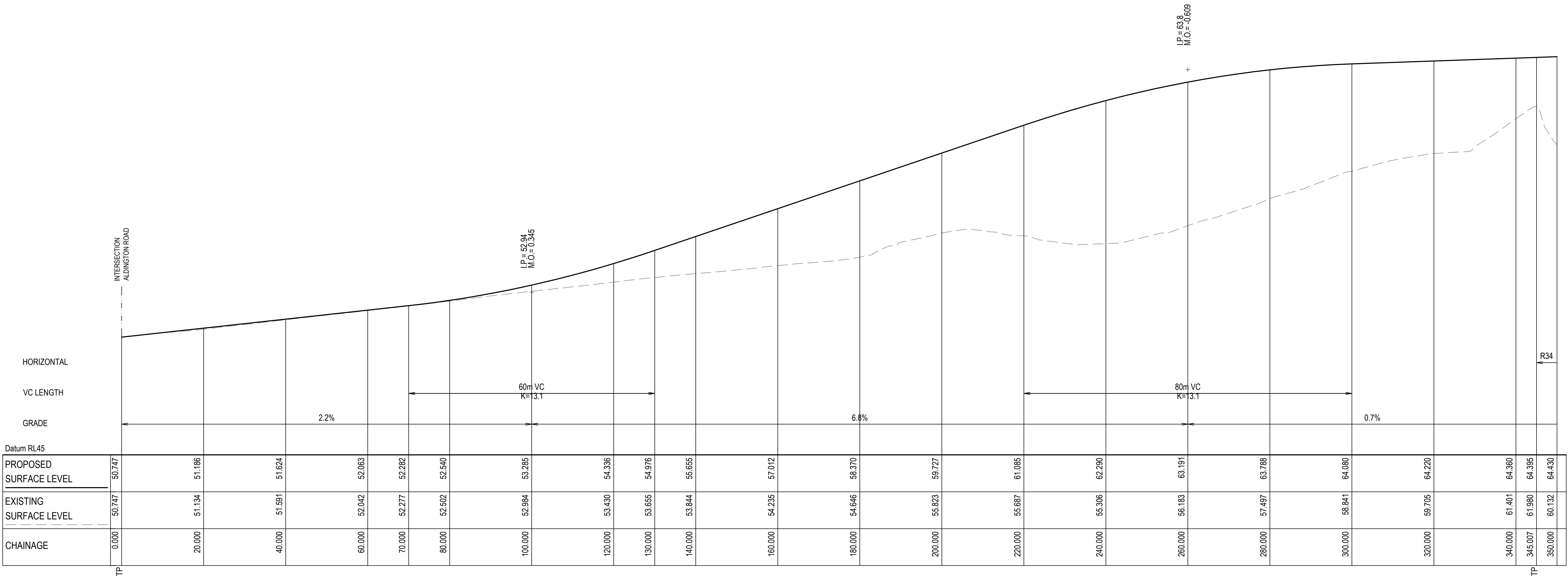
Title **ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 8**

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

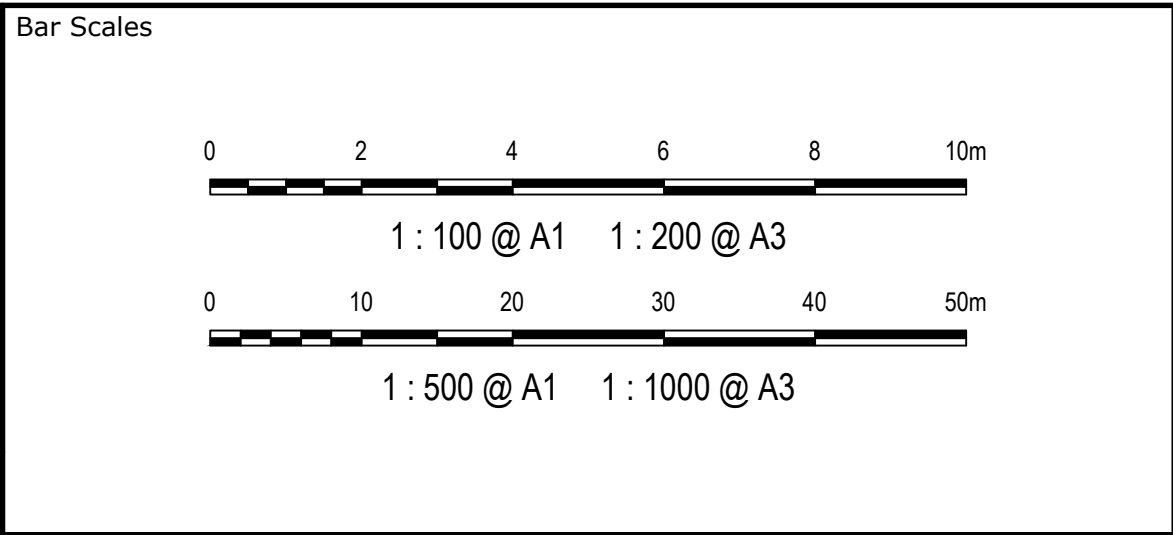
Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No. 20-748-C1048	Issue D



ABBOTTS ROAD (MC01) LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.

G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date




Client



Scales 1 : 100 V
1 : 500 H

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

Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title ABBOTTS ROAD (MC01) LONGITUDINAL SECTION SHEET 1

Civil Engineers and Project Managers



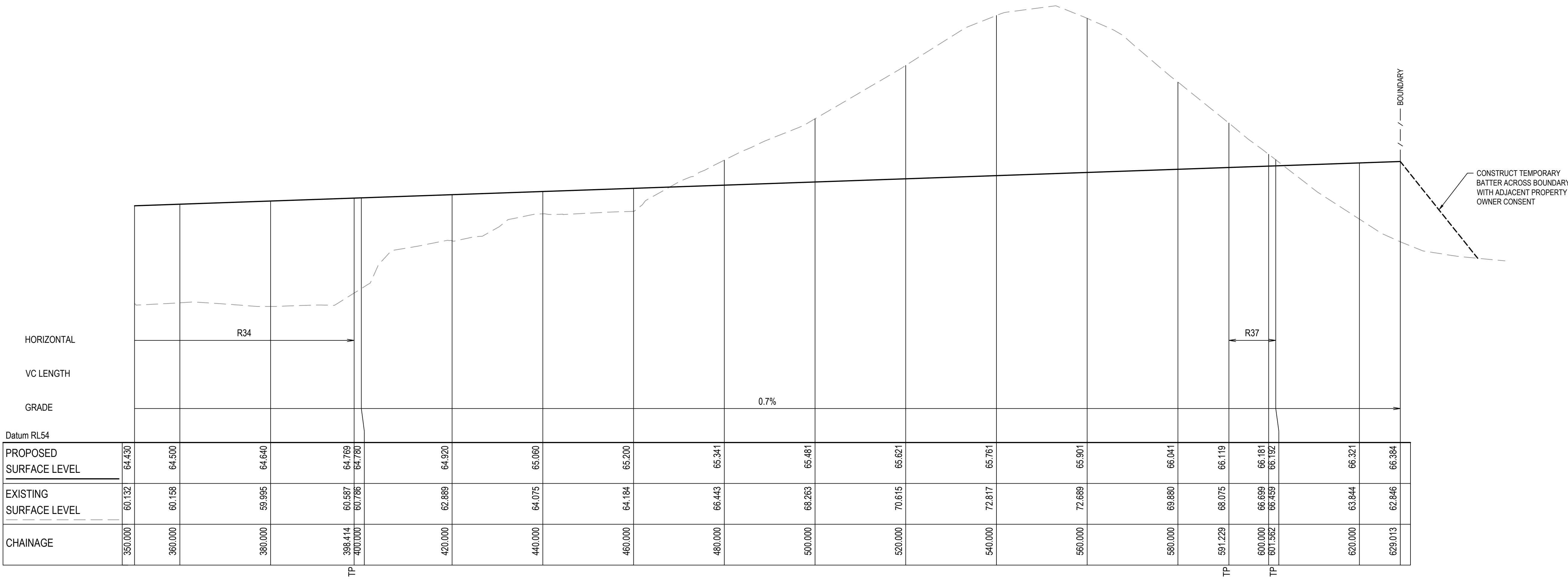
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Status FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No. 20-748-C1050

Issue G

A1



ABBOTTS ROAD (MC01) LONGITUDINAL SECTION - CONTINUED

SCALE 1:500 HORI.
1:100 VERT.

G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date

Bar Scales
<div><div>0246810m</div><div>1 : 100 @ A1 1 : 200 @ A3</div><div>01020304050m</div><div>1 : 500 @ A1 1 : 1000 @ A3</div></div>

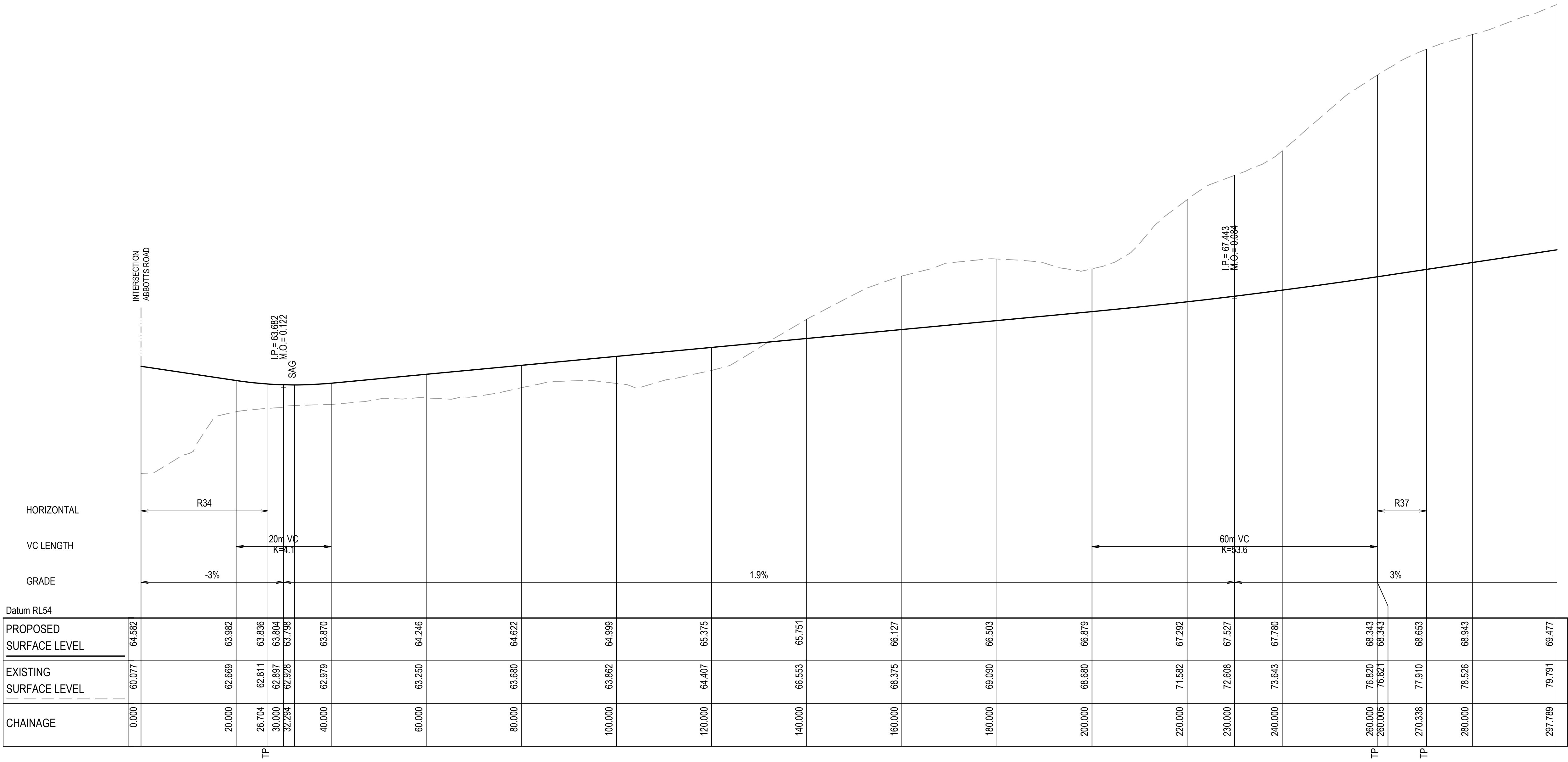
Client



Scales	1 : 100 V 1 : 500 H	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	
<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&L</div></div>			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	ABBOTTS ROAD (MC01) LONGITUDINAL SECTION SHEET 2

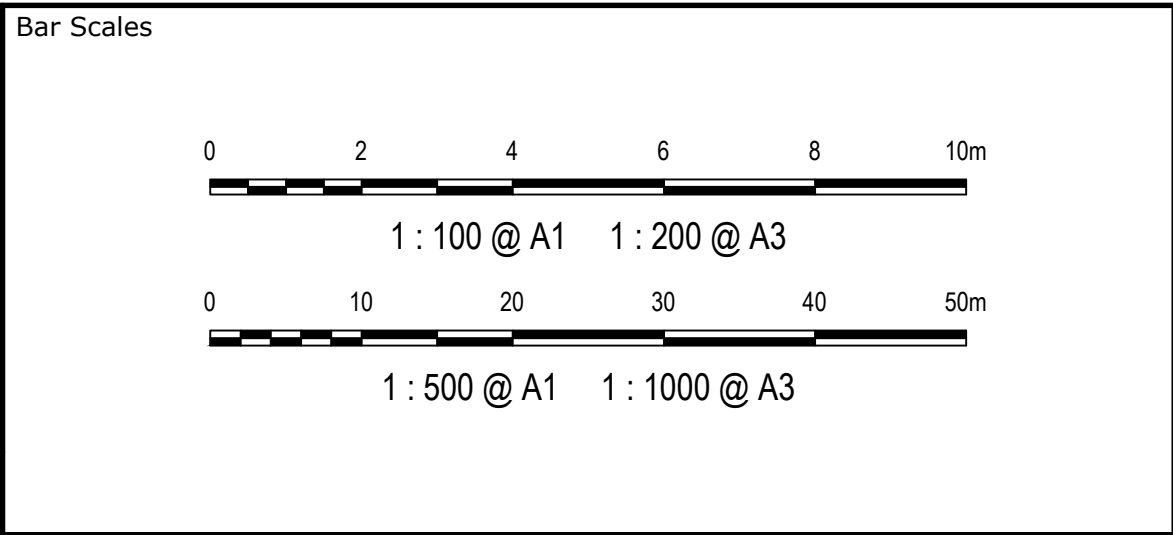
Civil Engineers and Project Managers		
<div><div>at&l</div><div>Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au</div></div>		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C1051	Issue G



PRIVATE ACCESS ROAD (MC04) LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.

G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date

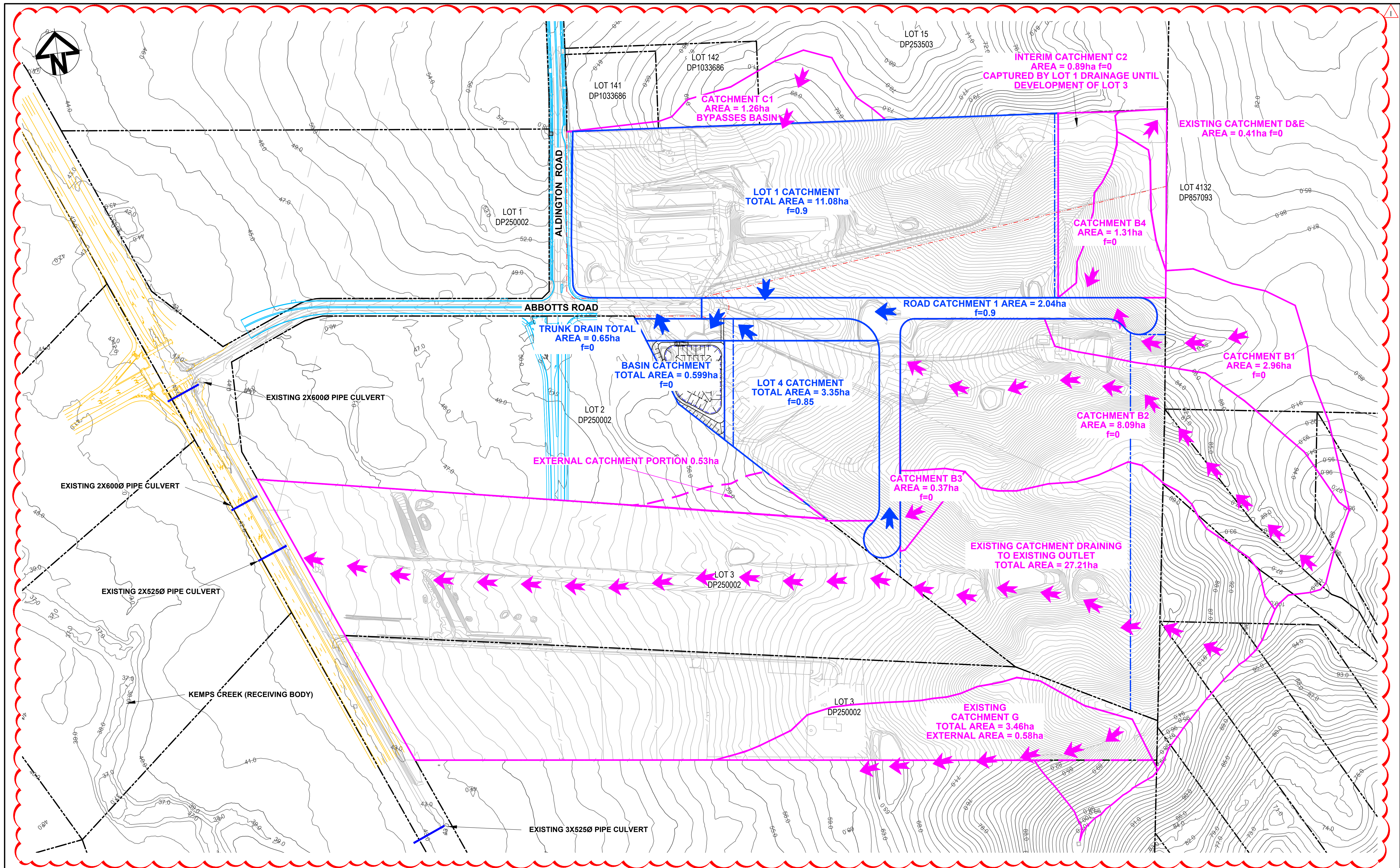


Scales	1 : 100 V 1 : 500 H	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	

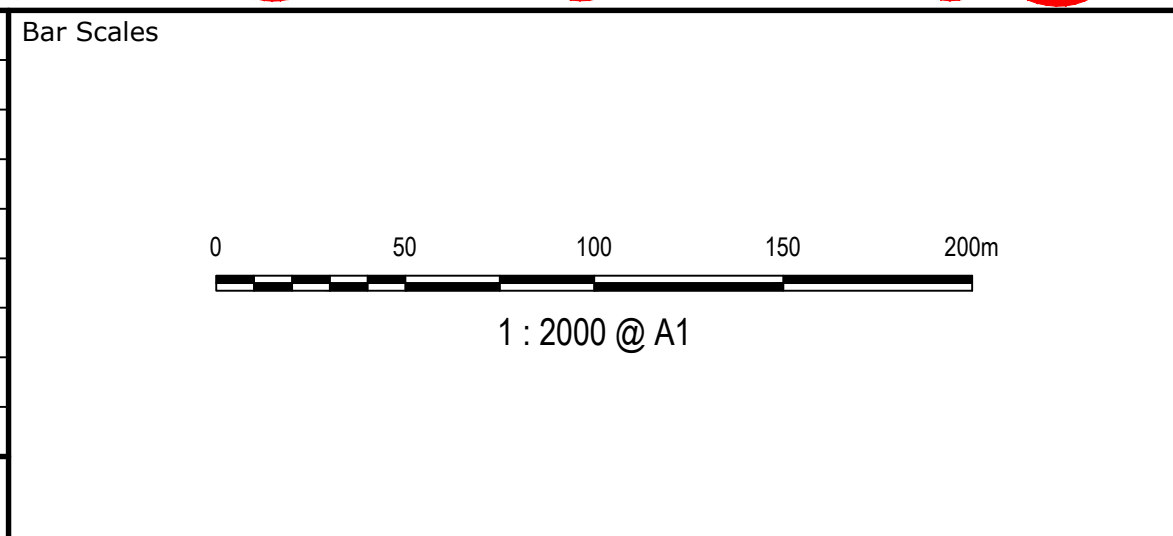
GDA2020	
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L	

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	PRIVATE ACCESS ROAD (MC04) LONGITUDINAL SECTION 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	
Project - Drawing No.	20-748-C1052
Issue	G



H	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date



Client

Scales

1 : 2000

Grid MGA2020

Height Datum AHD

Drawn LM

Designed LM

Checked AT

Approved

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

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

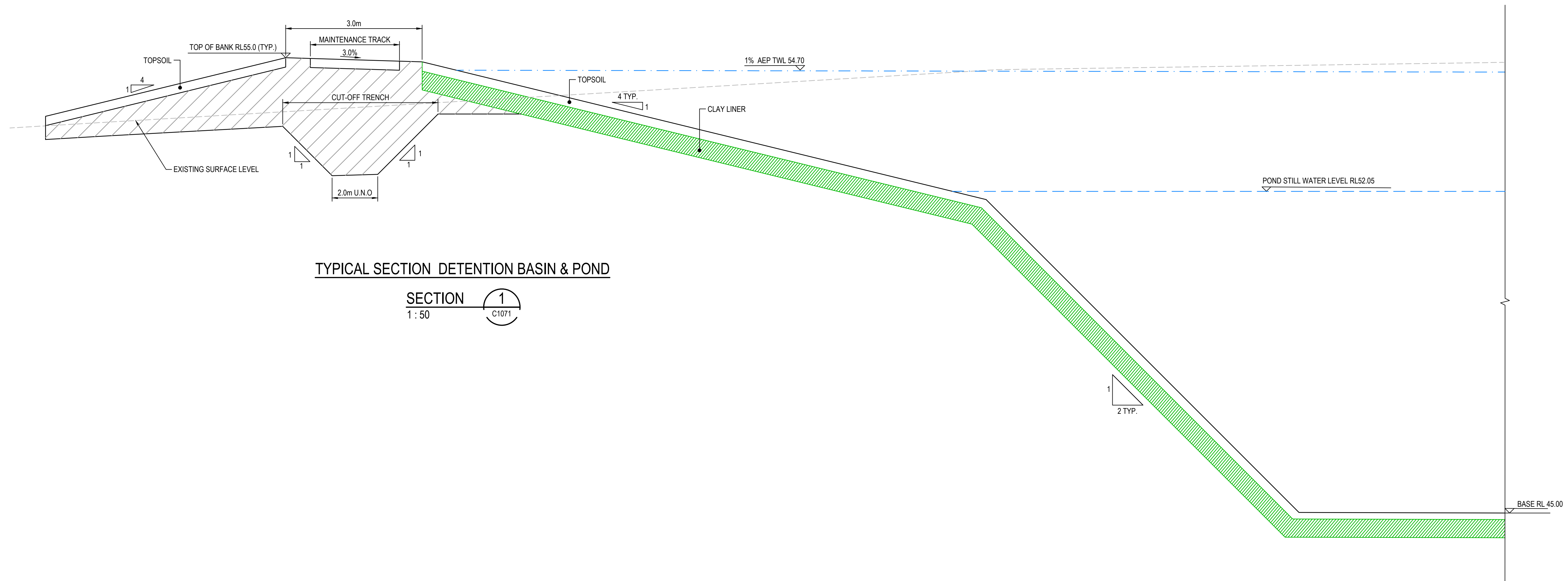
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.

20-748-C1065

Issue

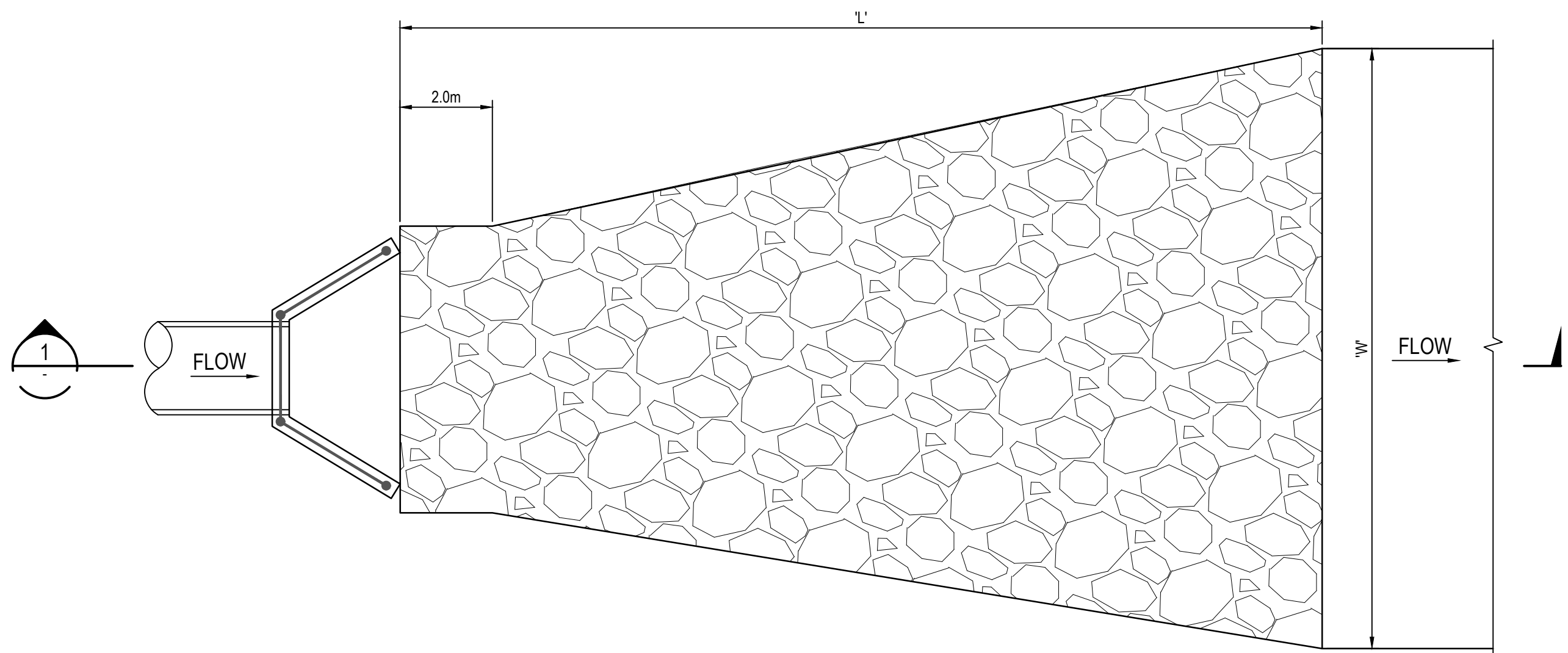
H



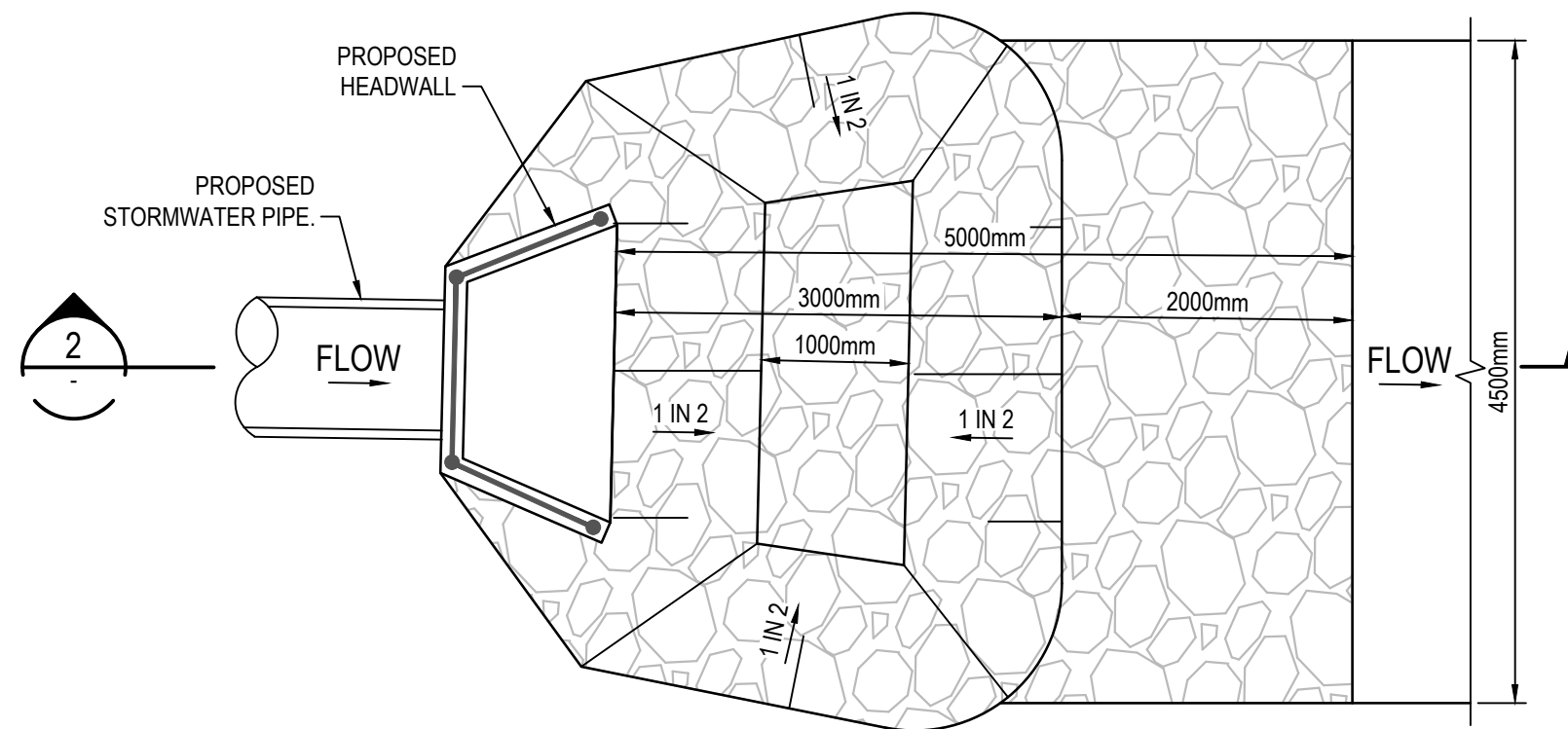
TYPICAL SECTION DETENTION BASIN & POND

SECTION 1
1 : 50 C1071

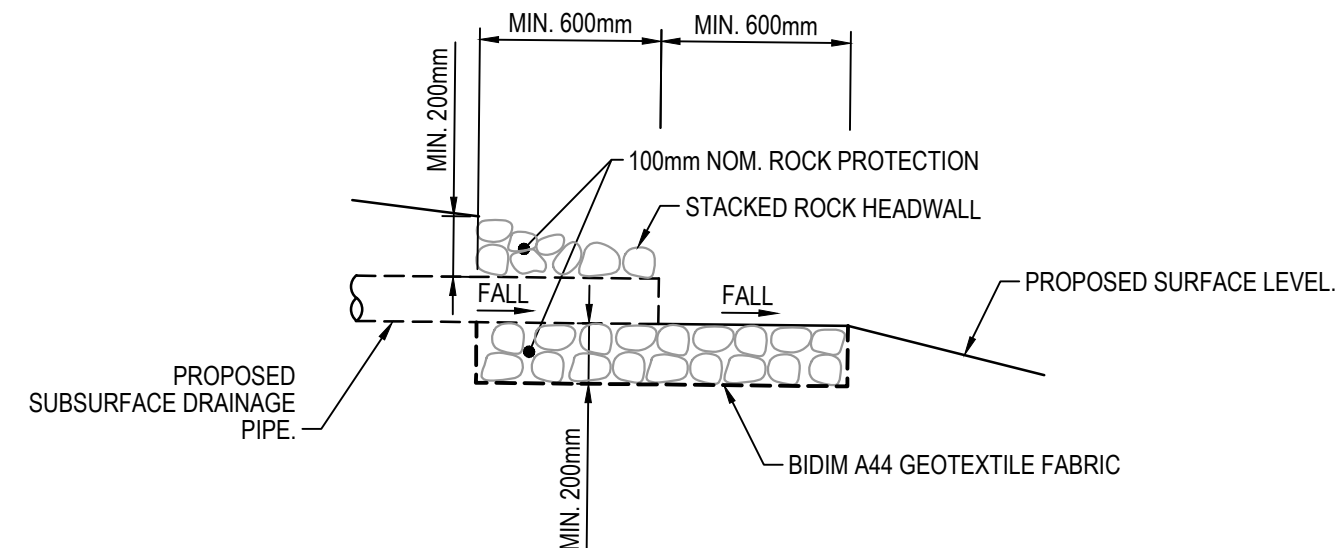
			<div>Bar Scales</div> <div><div><div>012345m</div><div>1 : 50 @ A1 1 : 100 @ A3</div></div></div>		<div>Client</div> <div><div><div><div></div><div></div><div></div></div><div>ESR</div></div></div>	Scales		Drawn		<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>	<div>Civil Engineers and Project Managers</div> <div><div>at&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>					
1 : 50		LM														
Designed		LM														
Grid MGA2020		Checked AT														
Height Datum AHD		Approved														
<div><div><div><div></div><div></div><div></div></div><div>GDA2020</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&L</div>						Title		DETENTION BASIN & POND SECTION		Status		FOR APPROVAL		A1		
Issue		Description				Date				NOT TO BE USED FOR CONSTRUCTION		Project - Drawing No. 20-748-C1072		Issue H		



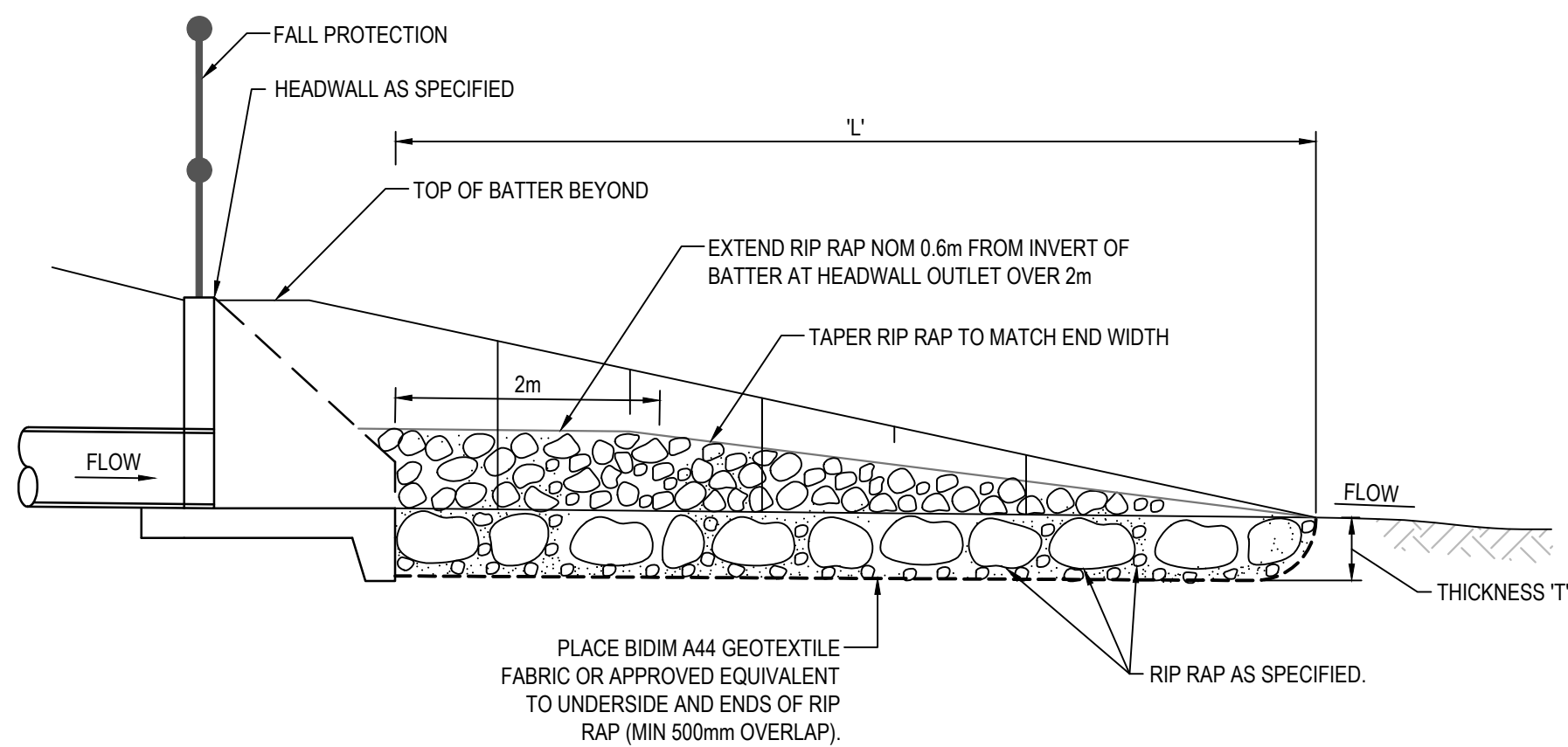
RIP RAP OUTLET PROTECTION
TYPE 1 DETAIL
 1 : 100



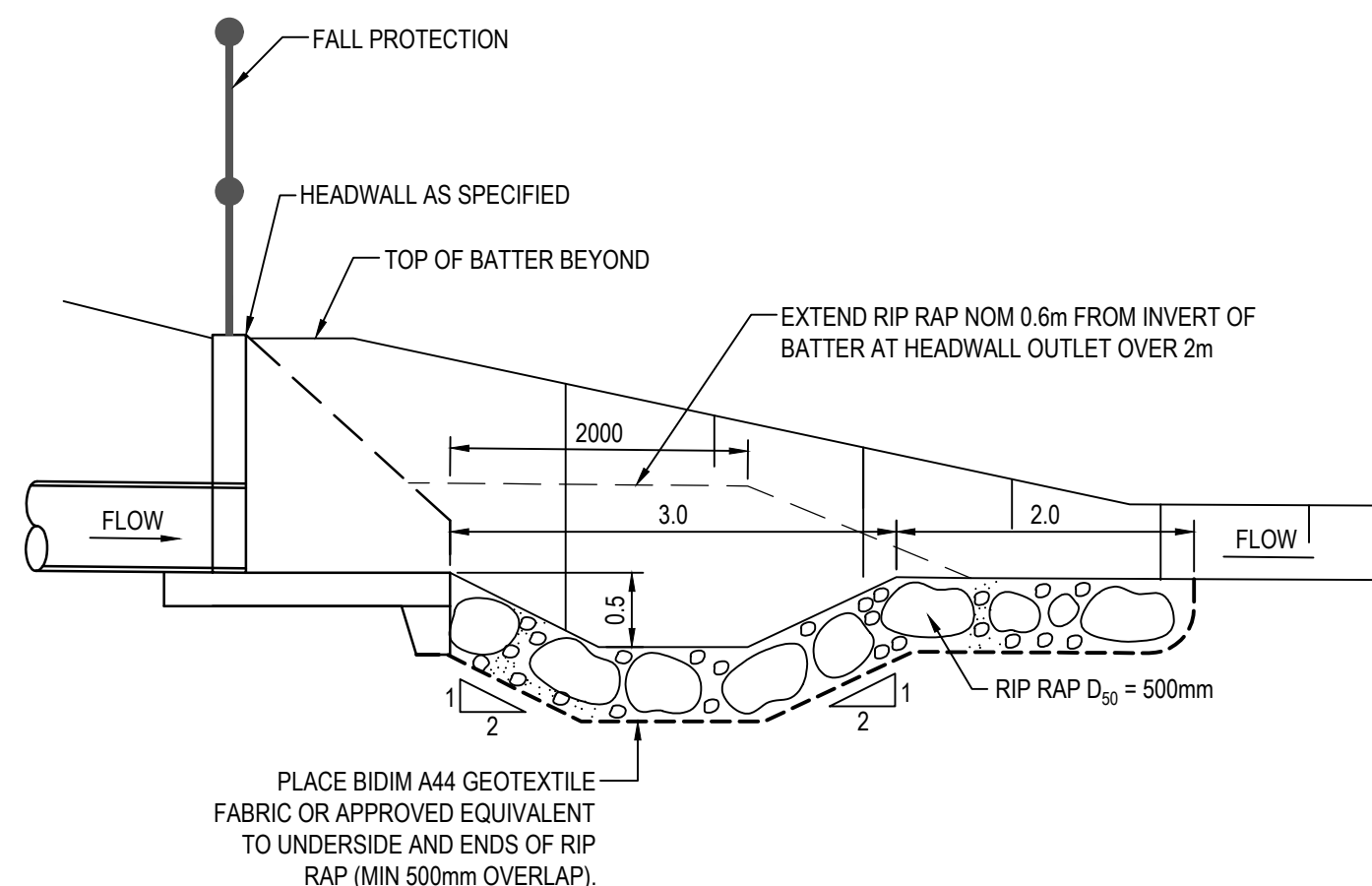
RIP RAP ENERGY DISSIPATER
DETAIL
 1 : 50



SUBSURFACE DRAINAGE TAILOUT DETAIL
 1 : 25



SECTION 1
 NTS

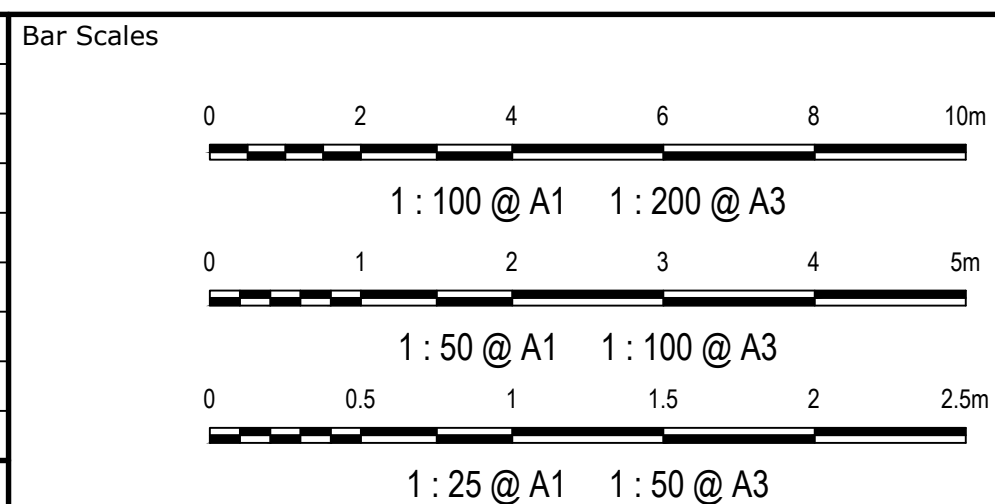


SECTION 2
 NTS

ROCK GRADATION TABLE

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

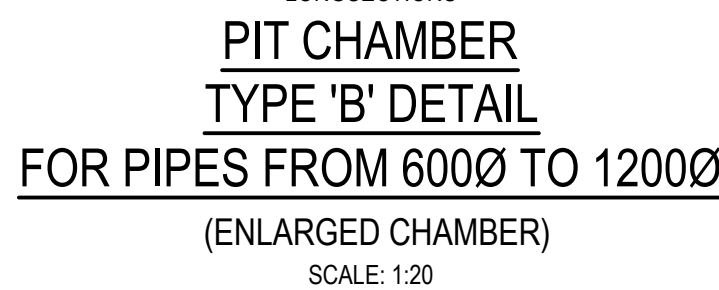
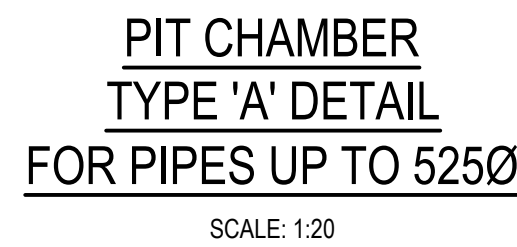
B	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
A	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
Issue	Description	Date



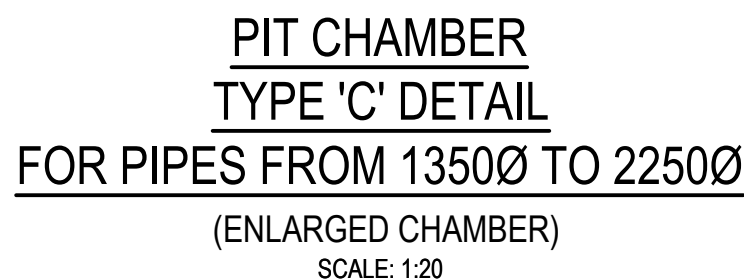
Scales	AS SHOWN	Drawn	LM
Grid	MGA2020	Designed	LM
Height Datum	AHD	Checked	AT
		Approved	
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

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

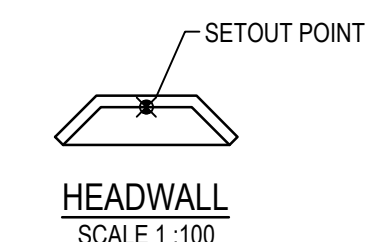
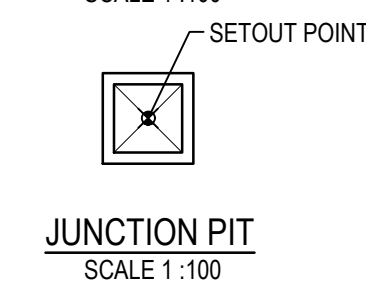
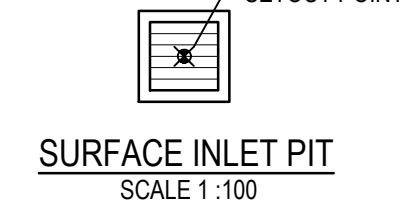
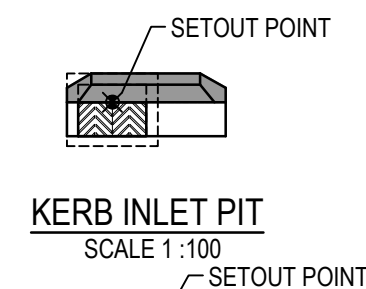
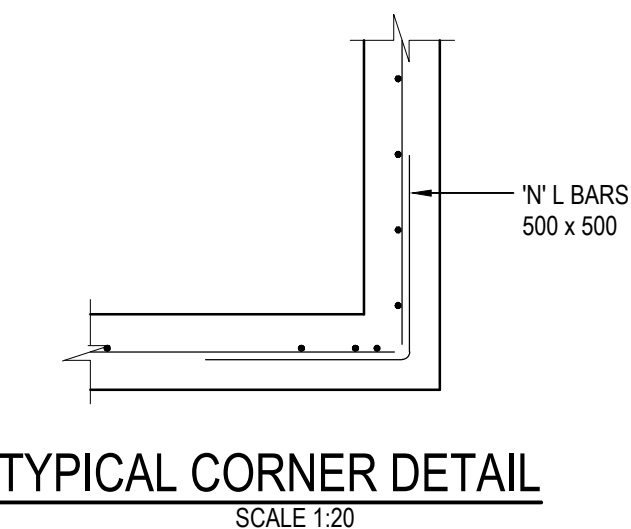
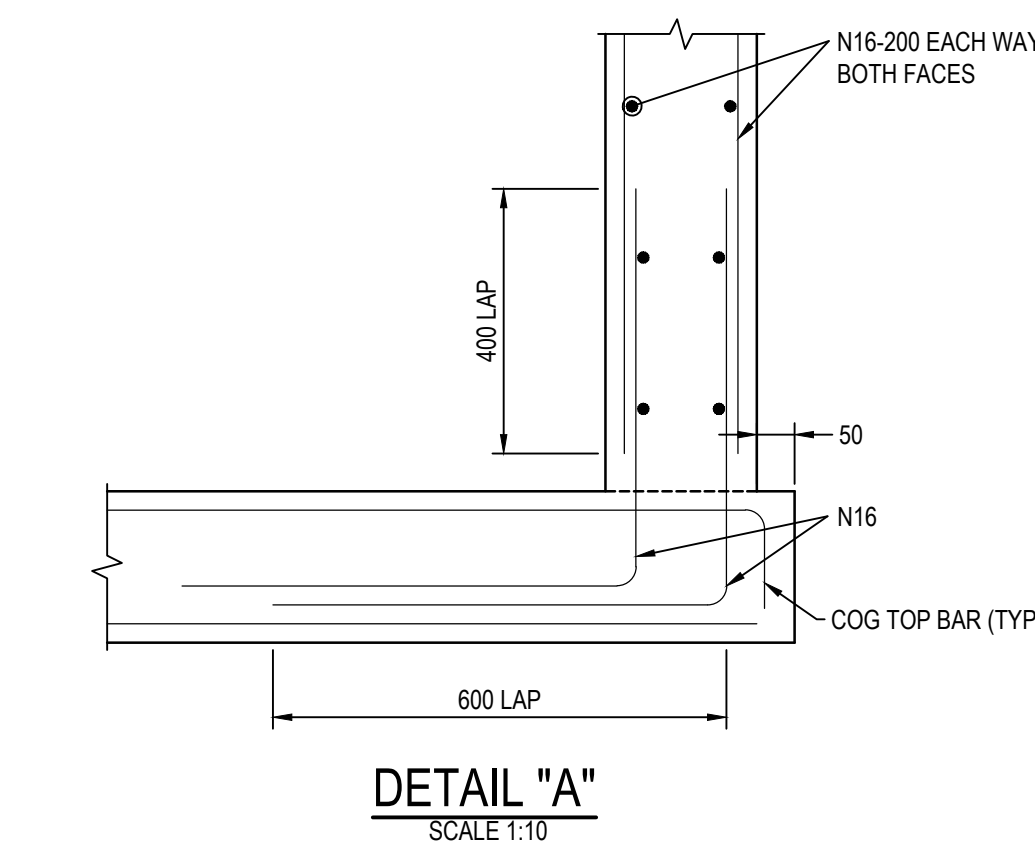
Civil Engineers and Project Managers	
Status	FOR APPROVAL
Project - Drawing No.	20-748-C1075
Issue	B



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



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

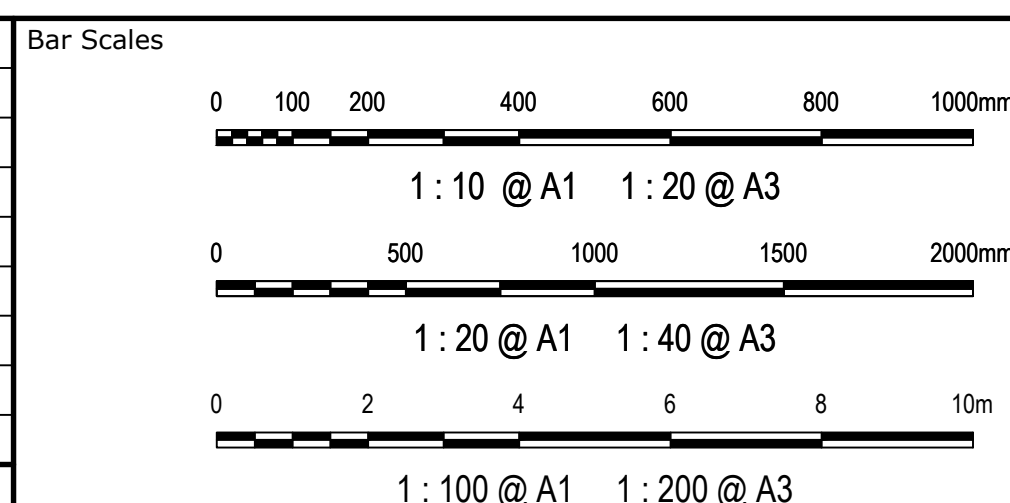


STORMWATER PIT
SETOUT POINTS
REFER PIT SETOUT PLANS
FOR ENLARGED CHAMBERS


- ## NOTE
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_c) 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 PROVIDE 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 LINTEL 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



100mm on Original




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



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

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	STORMWATER DRAINAGE DETAILS SHEET 2

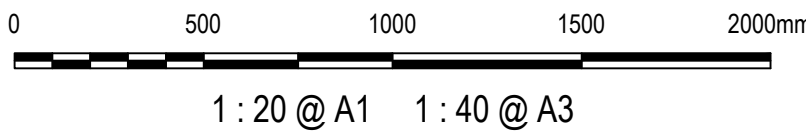
	<p>Civil Engineers and Project Managers</p> <p>Level 7, 153 Walker Street North Sydney NSW 2060</p> <p>ABN 96 130 882 405</p> <p>Tel: 02 9439 1777</p> <p>Fax: 02 9923 1055</p> <p>www.atl.net.au info@atl.net.au</p>
<p>Status</p> <p>FOR APPROVAL</p> <p><u>NOT TO BE USED FOR CONSTRUCTION</u></p> <p>Project - Drawing No.</p> <p>20-748-C1076</p>	<p>A1</p> <p>Issue</p> <p>B</p>



NOTES

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

Bar Scales



Project PROPOSED INDUSTRIAL
DEVELOPMENT
WESTLINK
KEMPS CREEK

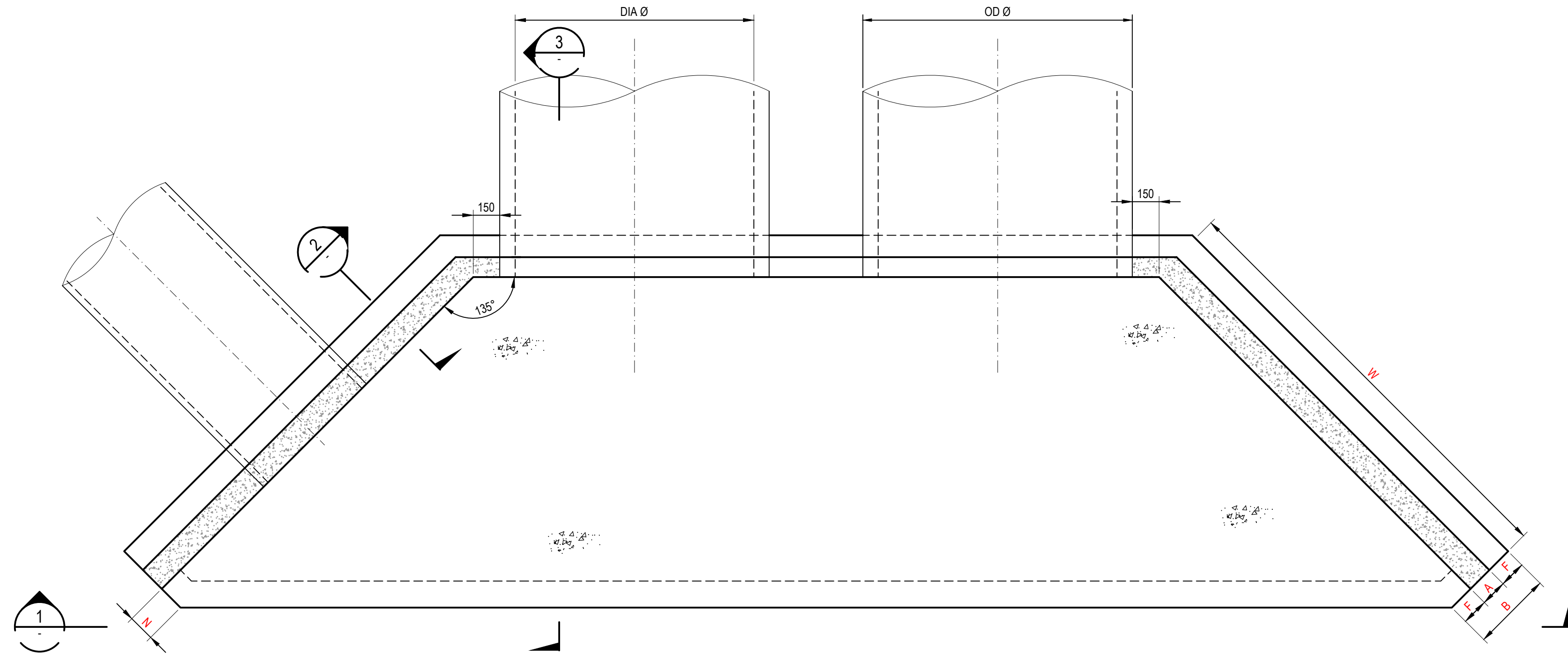
Title

STORMWATER DRAINAGE
DETAILS
SHEET 3

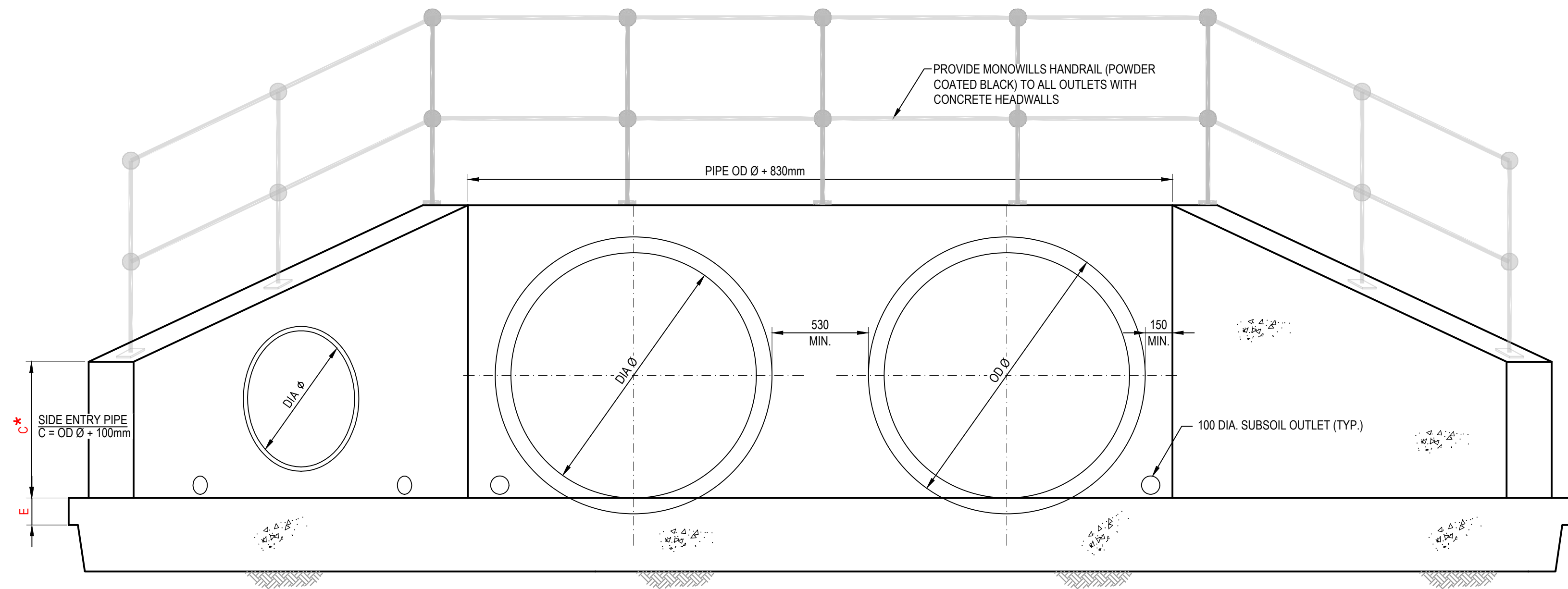
Civil Engineers and Project Managers



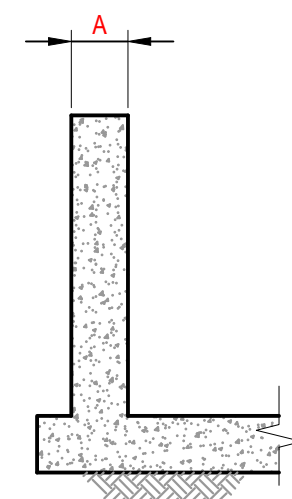
Status **FOR APPROVAL**
NOT TO BE USED FOR CONSTRUCTION
Project - Drawing No.
20-748-C1077



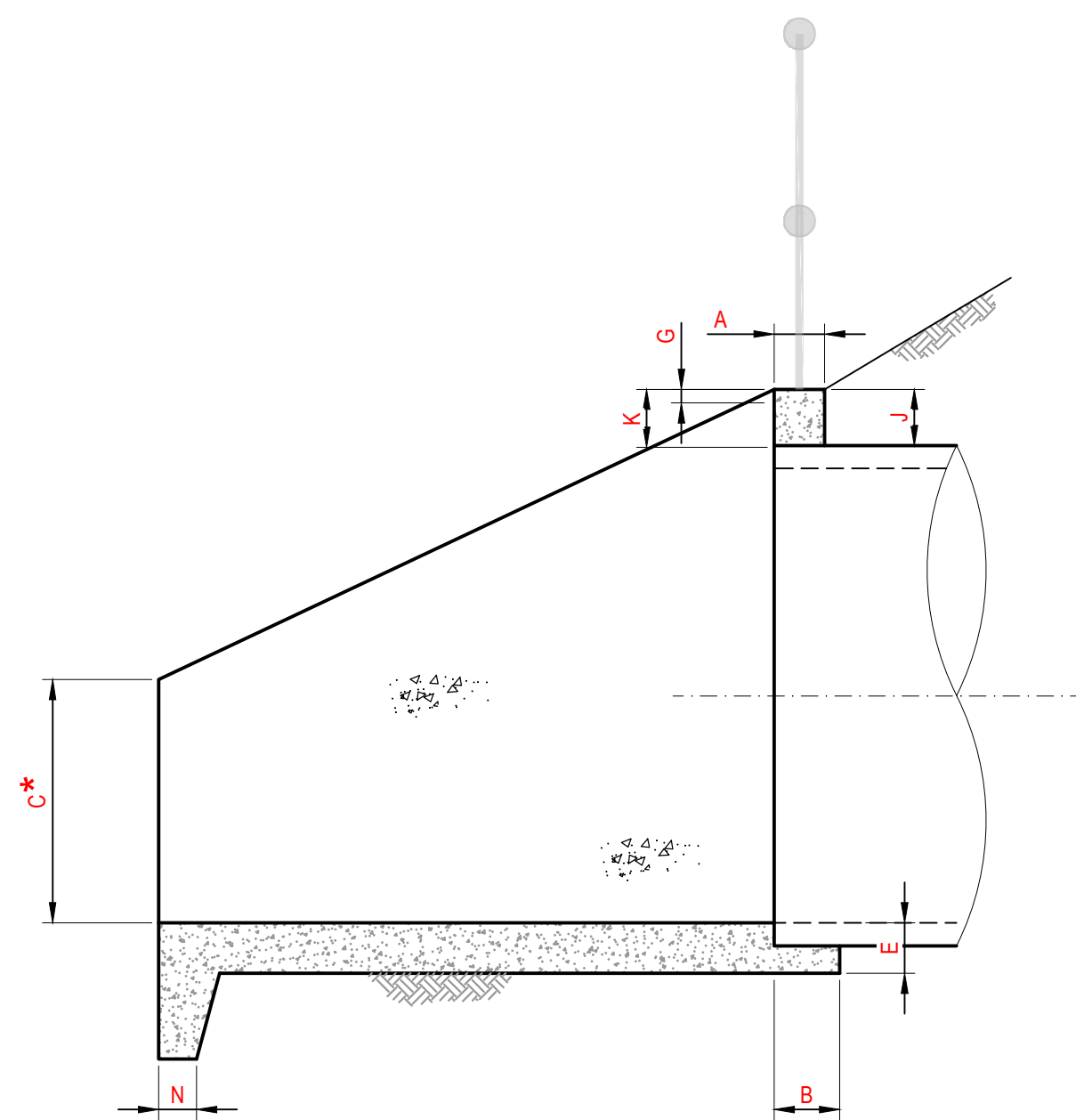
HEADWALL TYPE "B" - DUAL (1200Ø & 1350Ø)
PLAN



SECTION 1
SCALE 1 : 20
ELEVATION



SECTION 2
SCALE 1 : 20



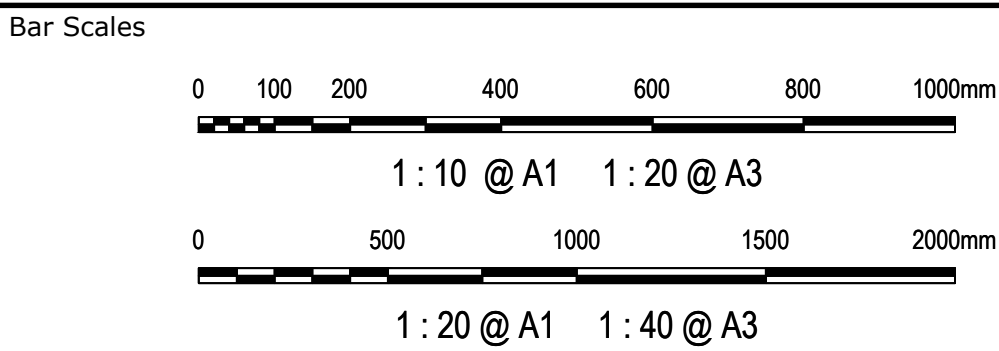
SECTION 3
SCALE 1 : 20

HEADWALL TYPE "B" - TWIN PIPE

PIPE DIAMETER	525	1050
A	175	225
B	450	525
C	300	350
D	375	530
E	150	225
F	138	150
G	40	50
J	100	100
K	200	300
N	150	150
W	1000	1950
M	2200	3700

- NOTES
- COMPRESSIVE STRENGTH (F_c) 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

B	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
A	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
Issue	Description	Date



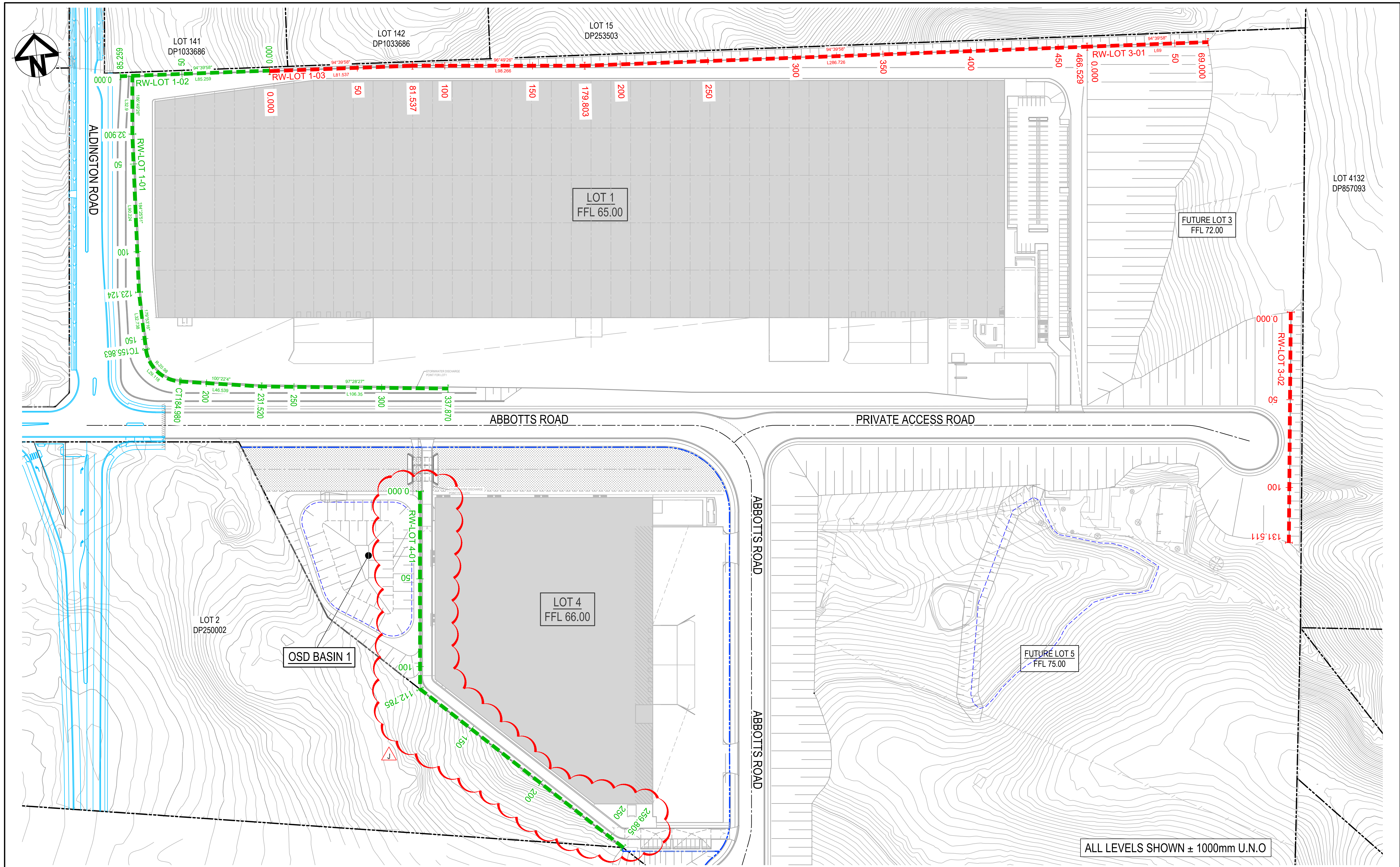
Client



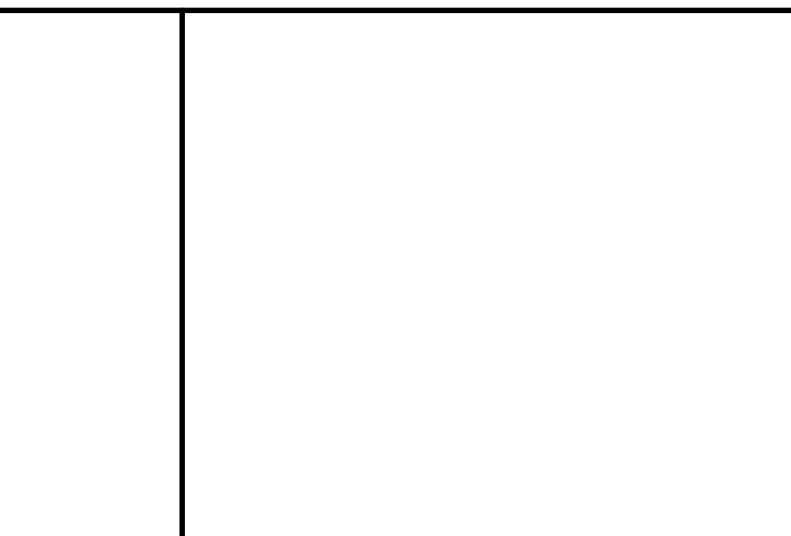
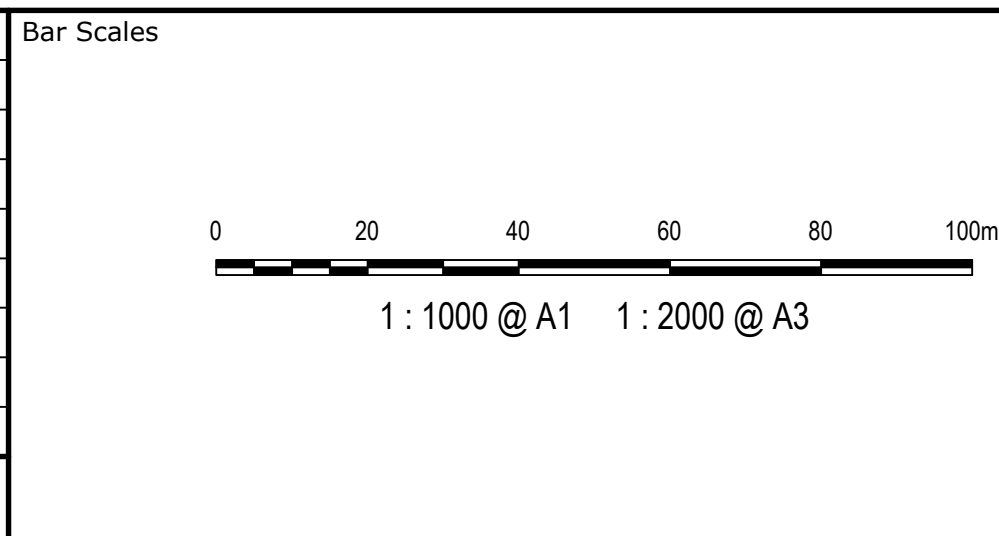
Scales	AS SHOWN	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	
GDA2020			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	STORMWATER DRAINAGE DETAILS SHEET 4

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-C1078	Issue B



K	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
J	RE-ISSUED FOR DEVELOPMENT APPLICATION	09-02-23
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS ISSUE	11-11-21
D	ISSUED FOR DEVELOPMENT APPLICATION	12-10-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
Issue	Description	Date



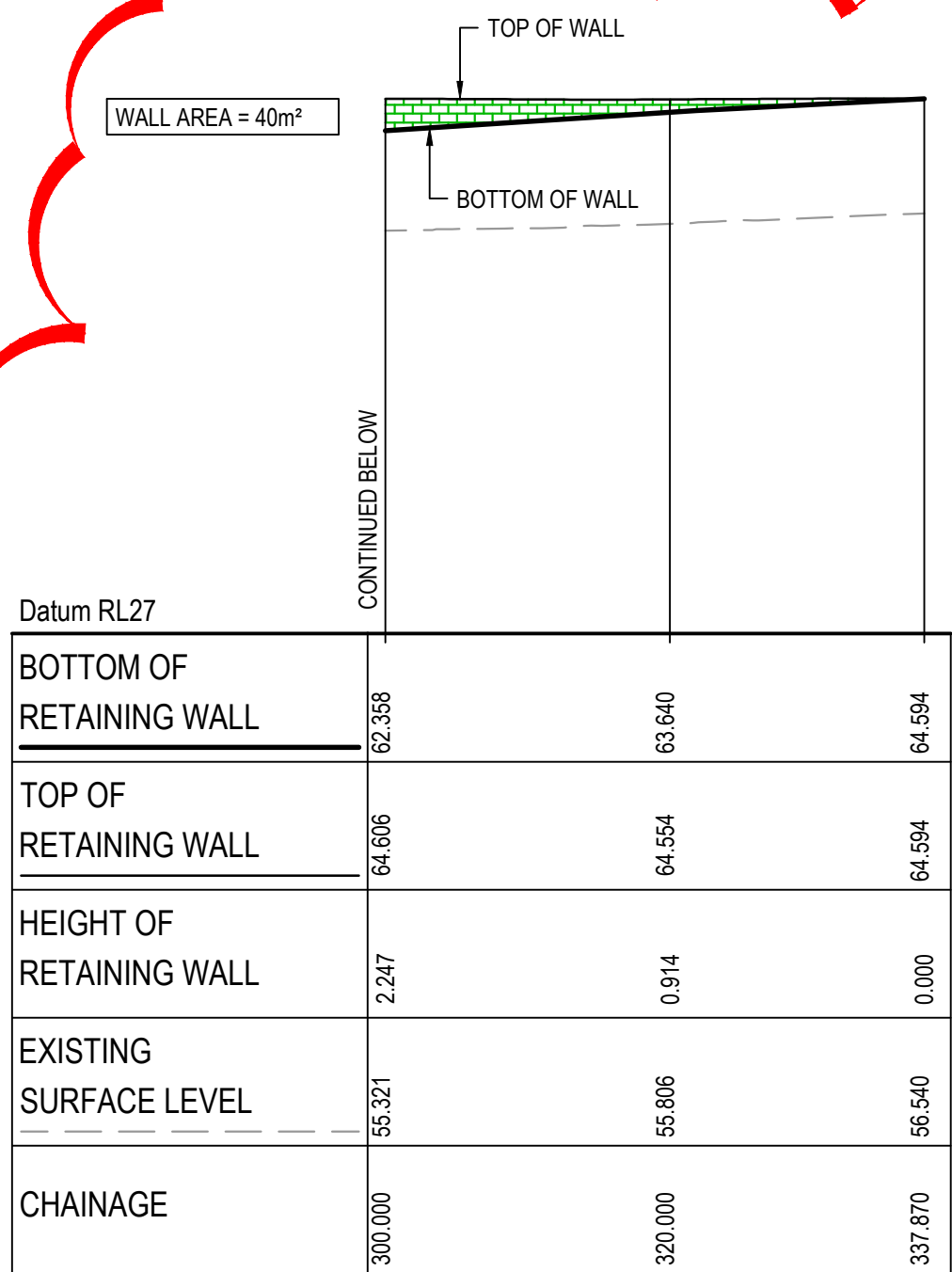
Scales	1 : 1000	Drawn	LM
Grid	MGA2020	Designed	LM
Height Datum	AHD	Checked	AT
		Approved	
GDA2020			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&I			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 1

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
Project - Drawing No.	20-748-C1080
Issue	K

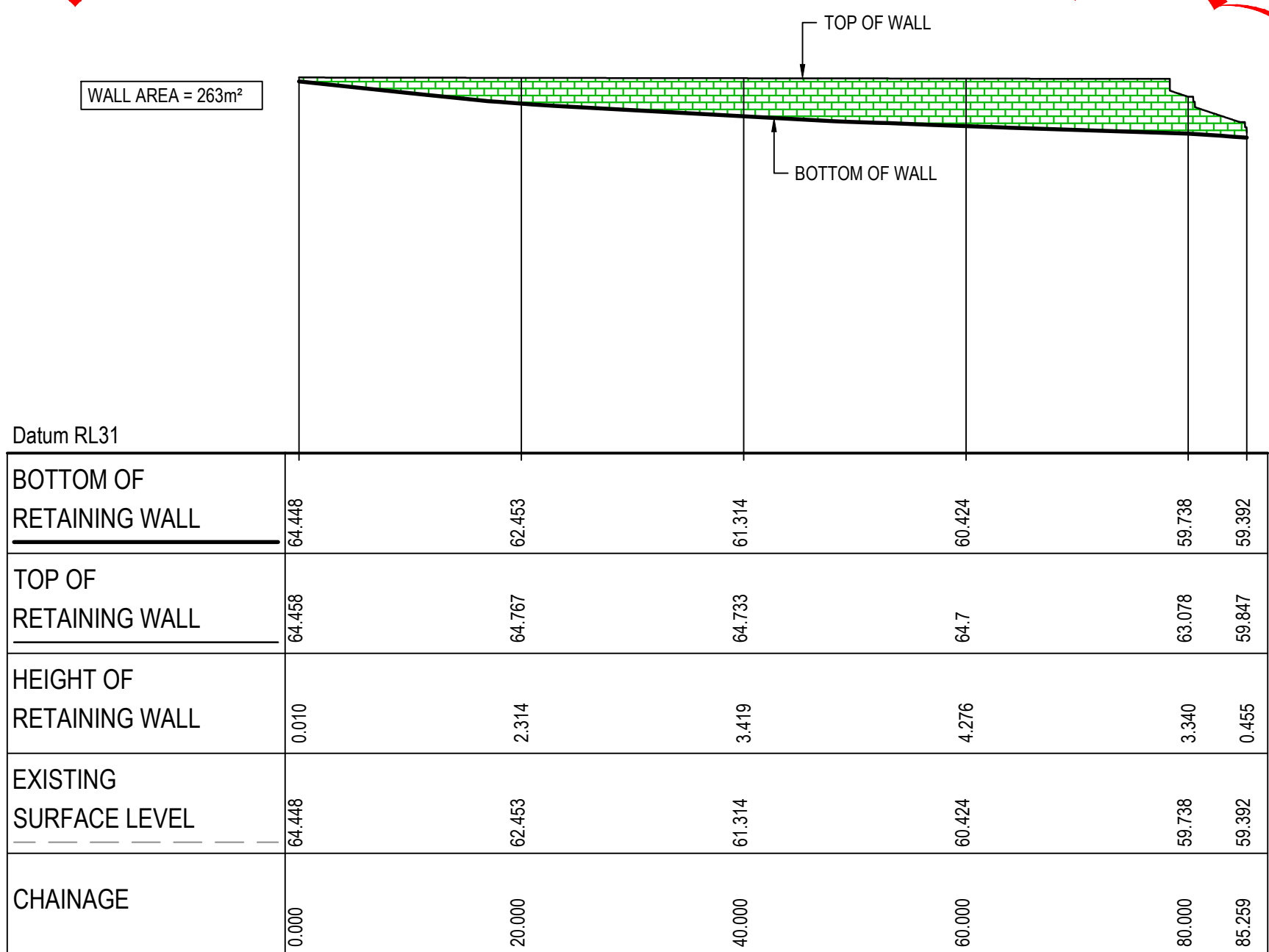
NOTES:
ALL FINISHED LEVELS ARE ±1000mm U.N.O
REFER TO DRG C1020 FOR TYPICAL WALL SECTIONS

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



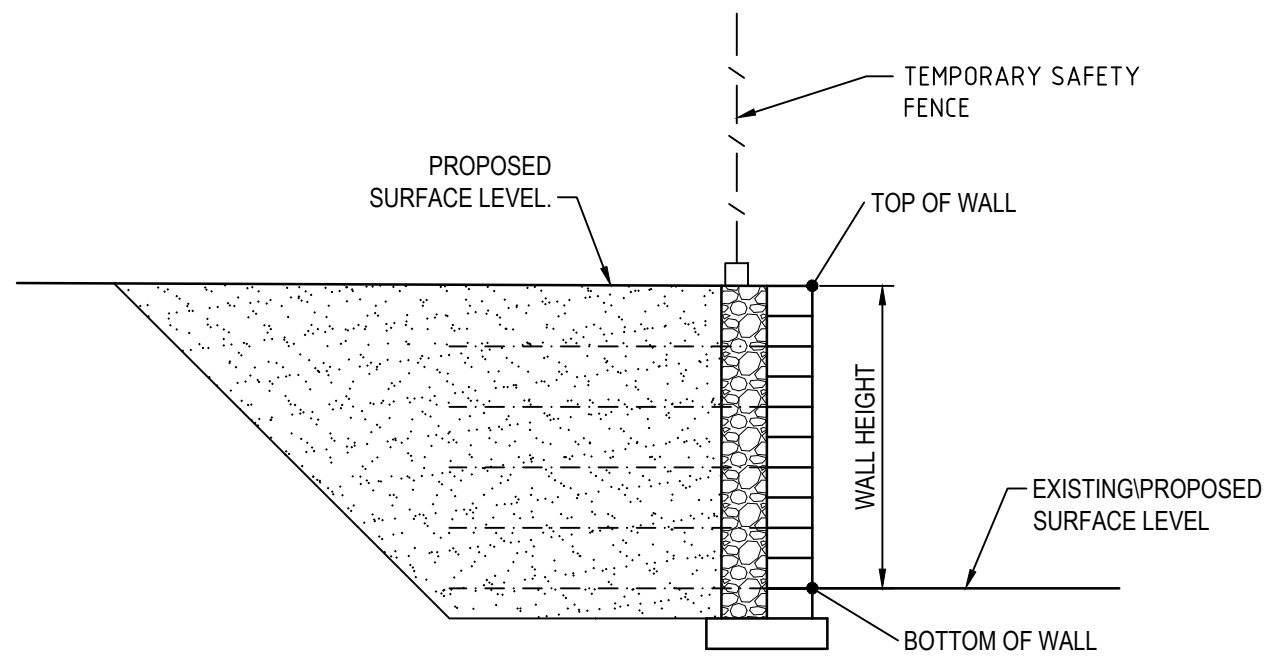
RETAINING WALL (RW-LOT 1-01) PROFILE (CONTINUED)

SCALE 1:500 HORI.
1:500 VERT.

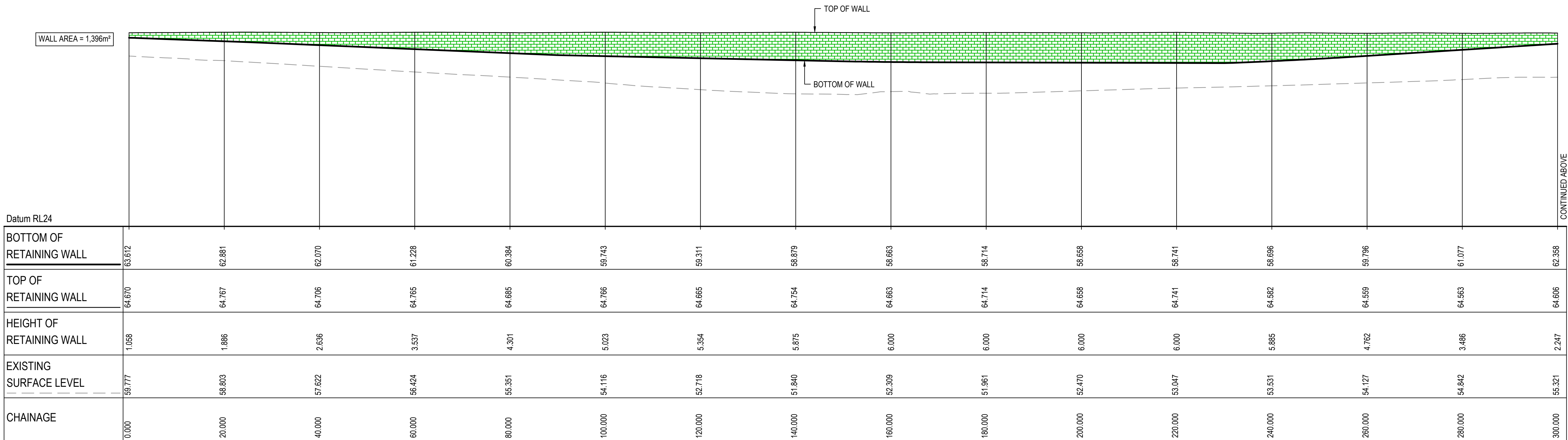


RETAINING WALL (RW-LOT 1-02) PROFILE

SCALE 1:500 HORI.
1:500 VERT.



SECTION 1
1:50

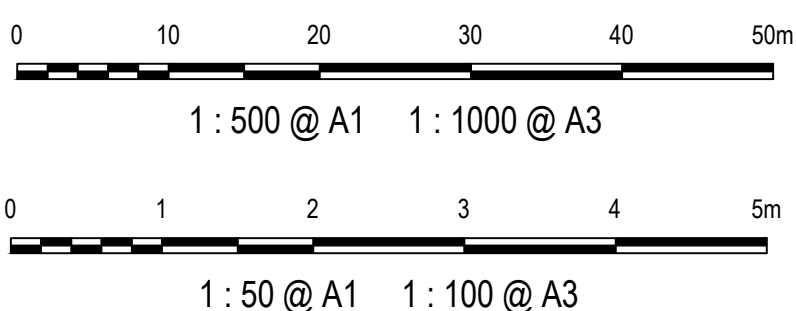


RETAINING WALL (RW-LOT 1-01) PROFILE

SCALE 1:500 HORI.
1:500 VERT.

J	RE-ISSUED FOR DEVELOPMENT APPLICATION	09-02-23
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date

Bar Scales



Client



Scales

AS SHOWN

Grid

MGA2020

Height Datum

AHD

Drawn

LM

Designed

LM

Checked

AT

Approved

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
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

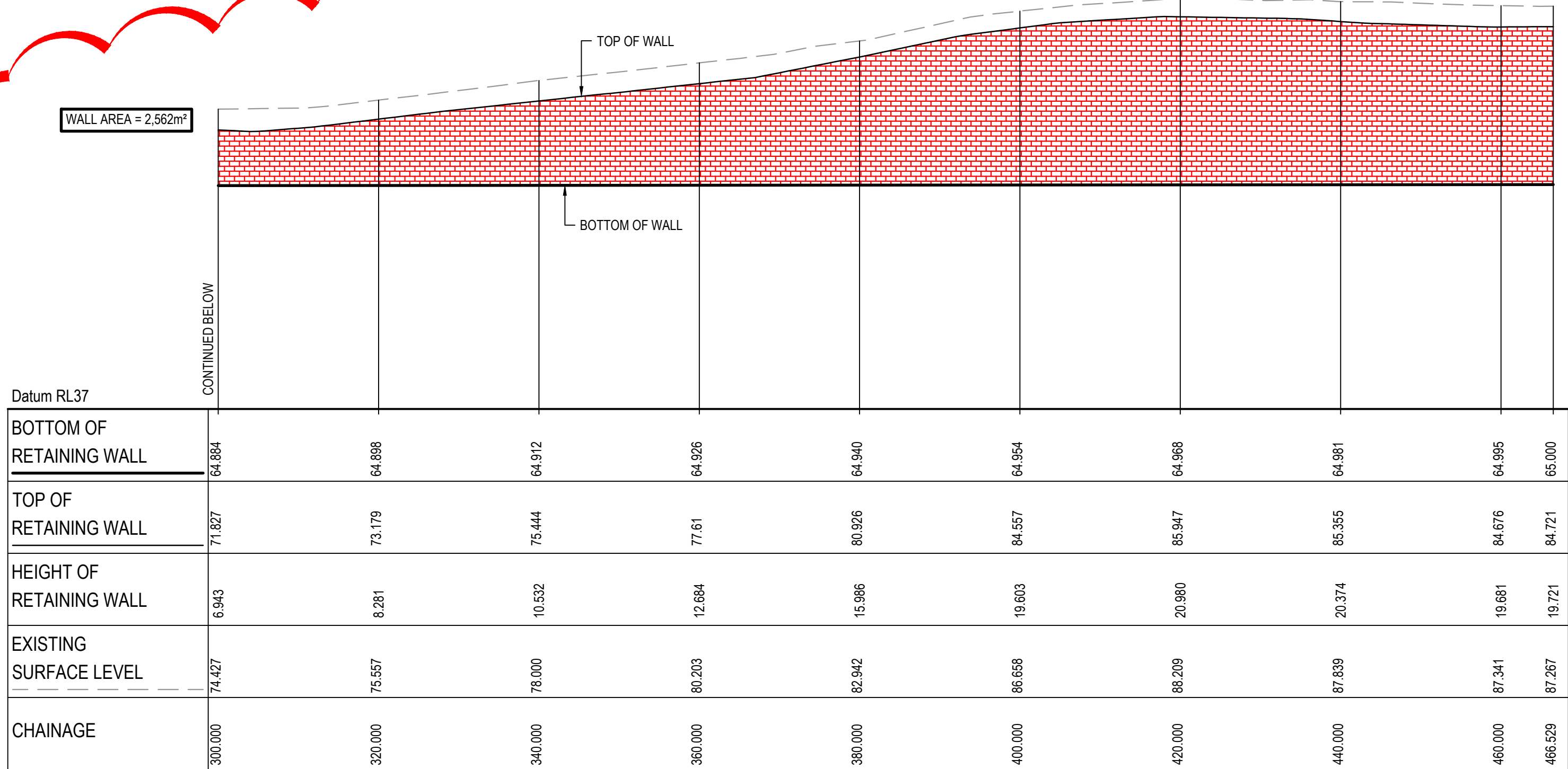
Project - Drawing No.

20-748-C1085

Issue

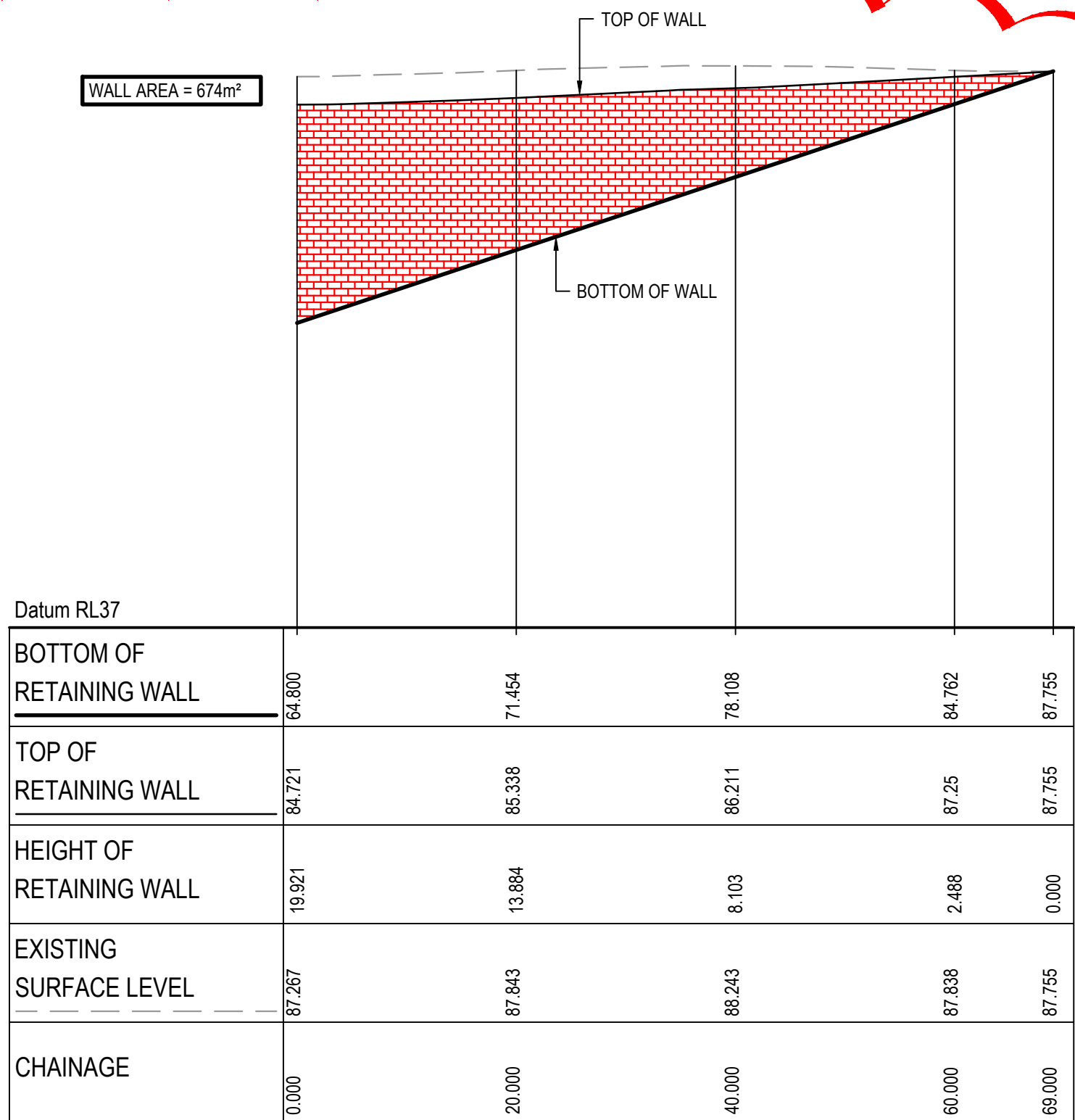
J

NOTES:
ALL FINISHED LEVELS ARE ±1000mm U.N.O
REFER TO DRG C1020 FOR TYPICAL WALL SECTIONS



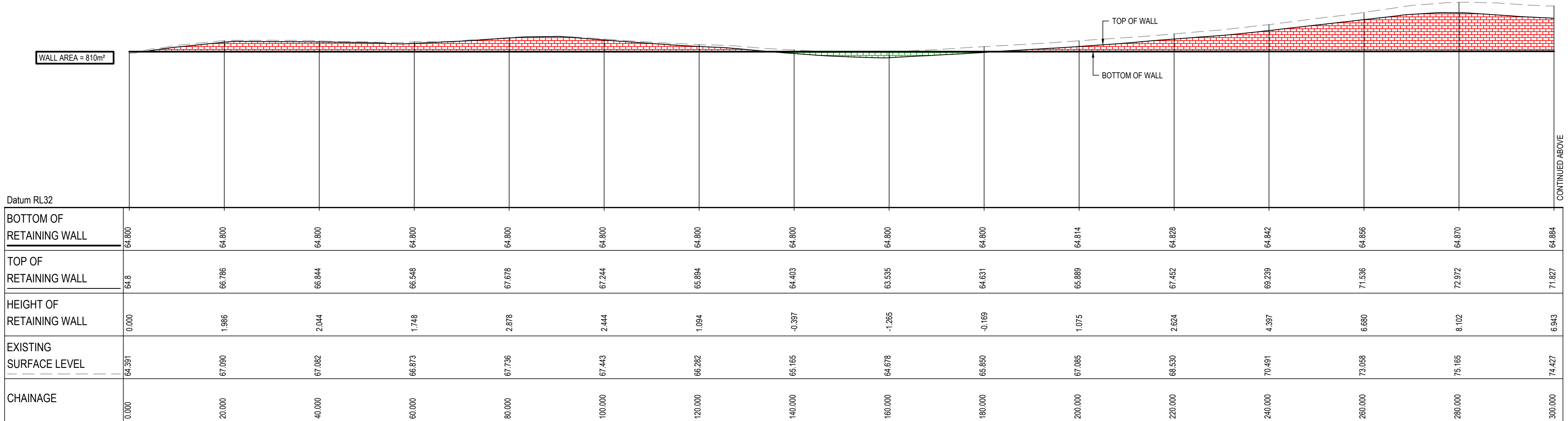
RETAINING WALL (RW-LOT 1-03) PROFILE (CONTINUED)

SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL (RW-LOT 3-01) PROFILE

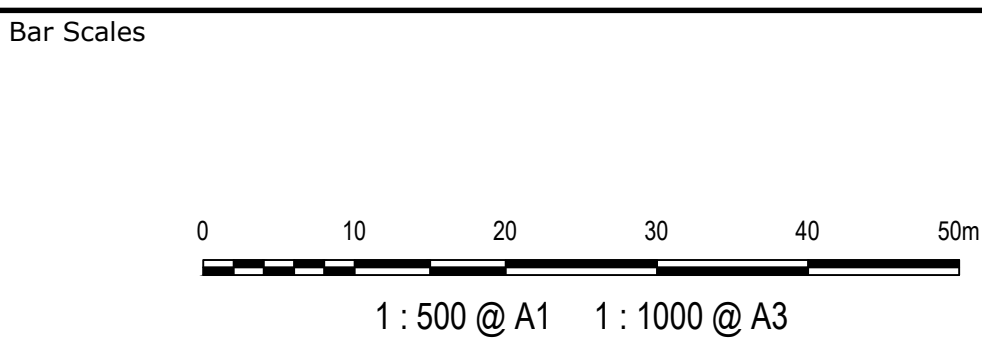
SCALE 1:500 HORI.
1:500 VERT.



RETAINING WALL (RW-LOT 1-03) PROFILE

SCALE 1:500 HORI.
1:500 VERT.

J	RE-ISSUED FOR DEVELOPMENT APPLICATION	09-02-23
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date



Client



Scales
1 : 500

Grid
MGA2020

Height
Datum
AHD

Drawn
LM

Designed
LM

Checked
AT

Approved

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 PROFILES SHEET 2

Civil Engineers and Project Managers

at&L

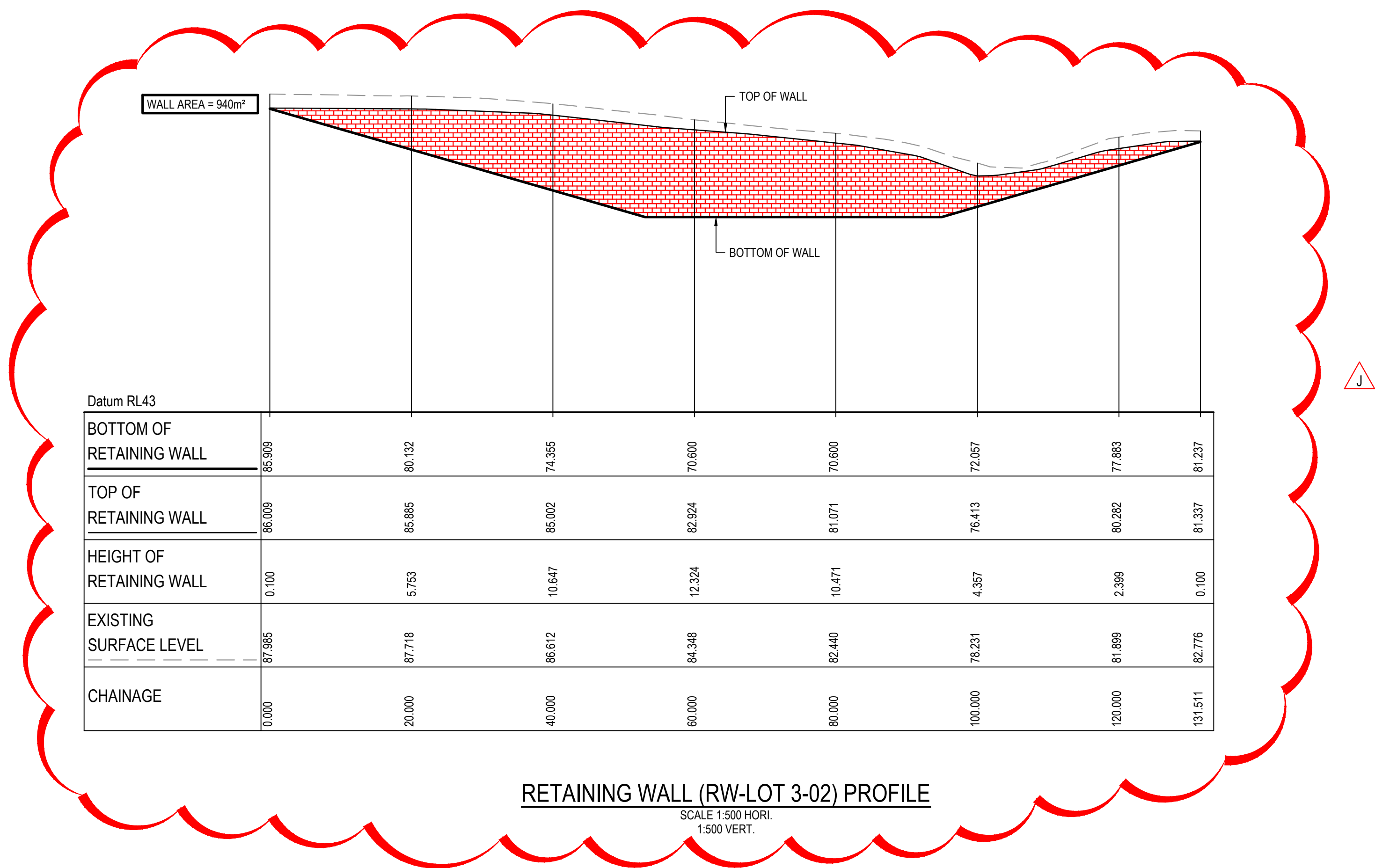
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.
20-748-C1086

Issue
J

NOTES:
ALL FINISHED LEVELS ARE ±1000mm U.N.O
REFER TO DRG C1020 FOR TYPICAL WALL SECTIONS

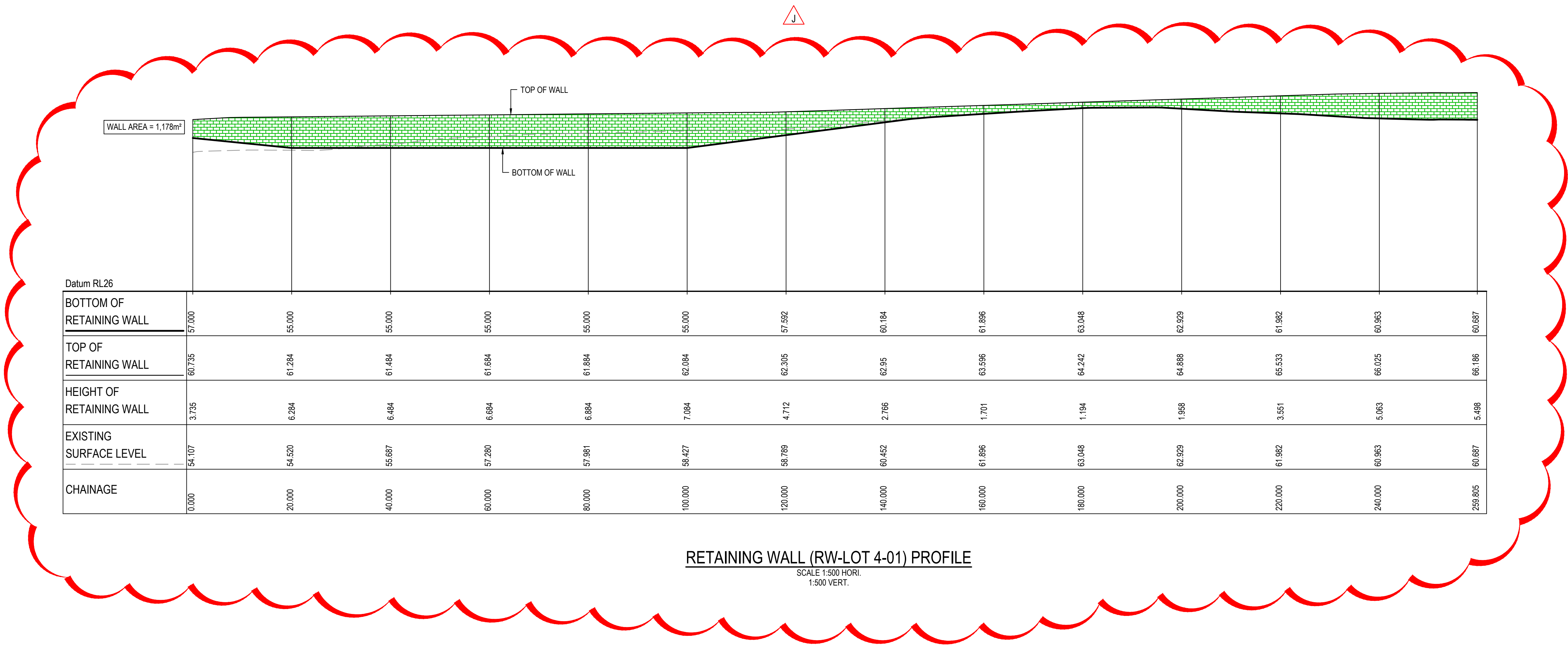


J	RE-ISSUED FOR DEVELOPMENT APPLICATION	09-02-23	<div>Bar Scales</div> <div><div><div>01020304050m</div><div>1 : 500 @ A1 1 : 1000 @ A3</div></div></div>	<div>Client</div> <div><div><div></div><div>ESR</div></div></div>	<div>Scales</div> <div>1 : 500</div> <div>GridMGA2020</div> <div>Height DatumAHD</div>	<div>Drawn</div> <div>LM</div> <div>DesignedLM</div> <div>CheckedAT</div> <div>Approved</div>	<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>	<div>Civil Engineers and Project Managers</div> <div><div>at&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>			
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22									
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22									
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22			<div>GDA2020</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&L</div>	<div>Title</div> <div>RETAINING WALL PROFILES SHEET 3</div>	<div>Status</div> <div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div>	<div>Issue</div> <div>A1</div>			
E	RTS SUBMISSION	08-04-22									
D	RTS ISSUE	11-11-21									
C	RTS ISSUE	12-10-21									
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21	<div>Issue</div> <div>Description</div> <div>Date</div>				<div>Project - Drawing No.</div> <div>20-748-C1087</div>	<div>Issue</div> <div>J</div>			
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20									

100mm on Original

F:\20-748 ESR Mamre\6.0 Drgs\Civil\Final\SSDA\1000_INFRASTRUCTURE\20-748-C1087.dwg

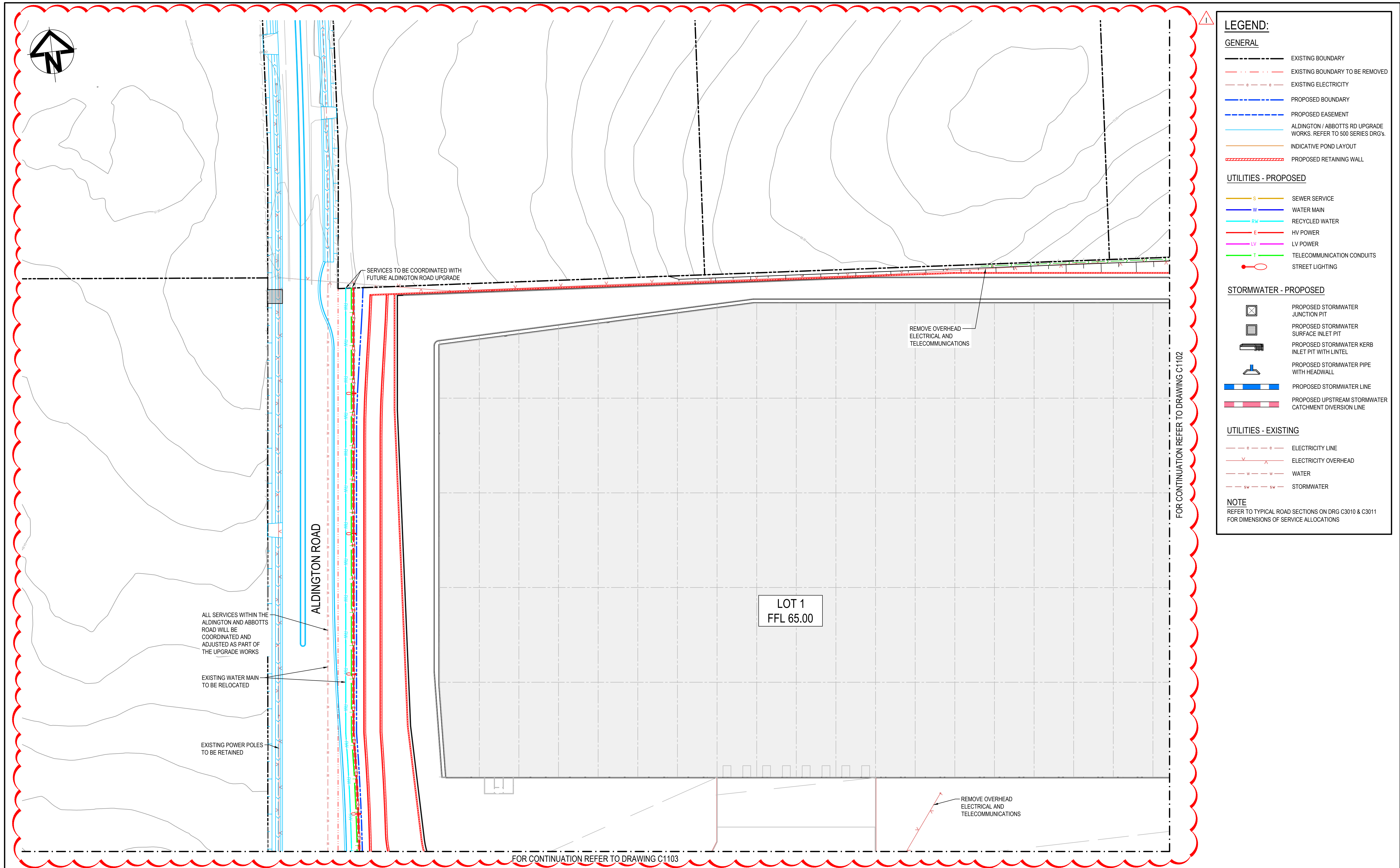
NOTES:
ALL FINISHED LEVELS ARE ±1000mm U.N.O
REFER TO DRG C1020 FOR TYPICAL WALL SECTIONS



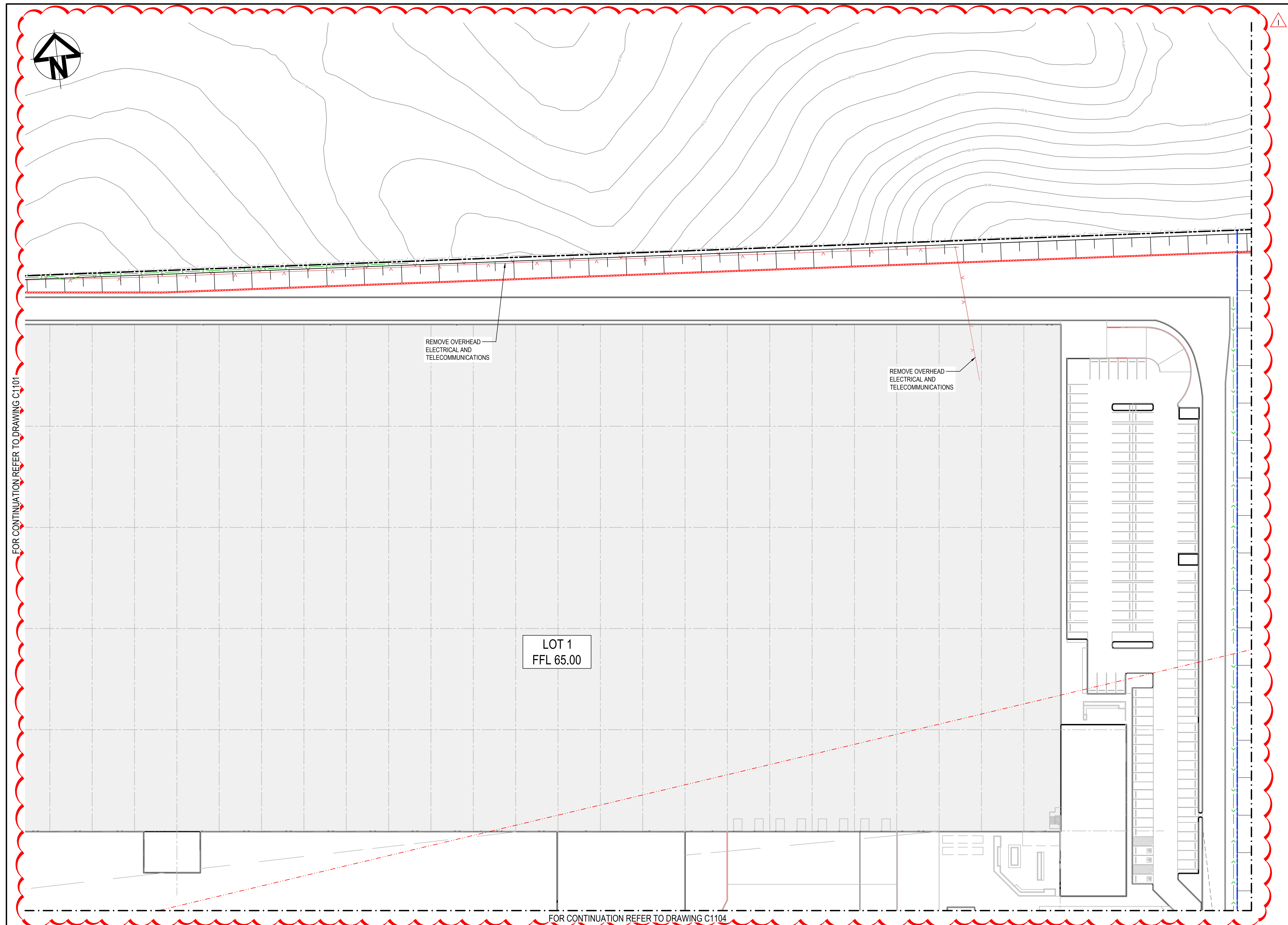
J	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23	<div>Bar Scales</div> <div><div>01020304050m</div><div>1 : 500 @ A1 1 : 1000 @ A3</div></div>	<div>Client</div> <div><div>ESR</div></div>	<div>Scales</div> <div>1 : 500</div> <div>GridMGA2020</div> <div>Height DatumAHD</div> <div><div>GDA2020</div><div>THIS 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&L</div></div>	<div>Drawn</div> <div>LM</div> <div>DesignedLM</div> <div>CheckedAT</div> <div>Approved</div>	<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>	<div>Civil Engineers and Project Managers</div> <div><div>at&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>Status</div> <div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div>	<div>Project - Drawing No.</div> <div>20-748-C1088</div>	<div>Issue</div> <div>J</div>
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22									
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22									
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22									
E	RTS SUBMISSION	08-04-22									
D	RTS ISSUE	11-11-21									
C	RTS ISSUE	12-10-21									
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21									
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20									
Issue	Description	Date									

100mm on Original

F:\20-748 ESR Mamre\6.0 Drgs\Civil\Final\SSDA\1000_INFRASTRUCTURE\20-748-C1088.dwg











			Bar Scales				Client		Scales 1 : 500		Drawn LM		Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		Civil Engineers and Project Managers <div>at&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>					
H	RE-ISSUED FOR DEVELOPMENT APPLICATION		14-02-23		<div>01020304050m</div> <div>1 : 500 @ A1 1 : 1000 @ A3</div>		<div><div></div>ESR</div>		Grid MGA2020		Designed LM		Title SERVICES AND UTILITIES COORDINATION PLAN SHEET 1		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. 20-748-C1101			A1 Issue H		
G	RE-ISSUED FOR DEVELOPMENT APPLICATION		19-10-22						Checked AT											
F	RE-ISSUED FOR DEVELOPMENT APPLICATION		29-08-22						Approved											
E	RTS SUBMISSION		08-04-22						<div><div></div>GDA2020</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&L</div>											
D	RTS ISSUE		11-11-21																	
C	RTS ISSUE		12-10-21																	
B	ISSUED FOR DEVELOPMENT APPLICATION		19-04-21																	
A	ISSUED FOR DEVELOPMENT APPLICATION		22-12-20																	
Issue	Description		Date																	



LEGEND:







GENERAL

- | | |
|---|--|
|  | EXISTING BOUNDARY |
|  | EXISTING BOUNDARY TO BE REMOVED |
|  | EXISTING ELECTRICITY |
|  | 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 DIVISION LINE |

UTILITIES - EXISTING

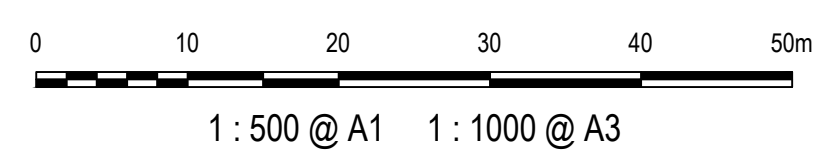
- | | |
|-------------|----------------------|
| — e — e — | ELECTRICITY LINE |
| — V — A — | ELECTRICITY OVERHEAD |
| — w — w — | WATER |
| — SW — SW — | STORMWATER |

NOTE

REFER TO TYPICAL ROAD SECTIONS ON DRG C3010 & C3011
FOR DIMENSIONS OF SERVICE ALLOCATIONS

H	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date

Bar Scales



FOR CONTINUATION REFER TO DRAWING C1104

Client	
--------	--



Scales	1 : 500
--------	---------

Grid	MGA2020
------	---------

Height	ΔH_D
--------	--------------



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	

Checked	AT
---------	----

Project	
---------	--

ct
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

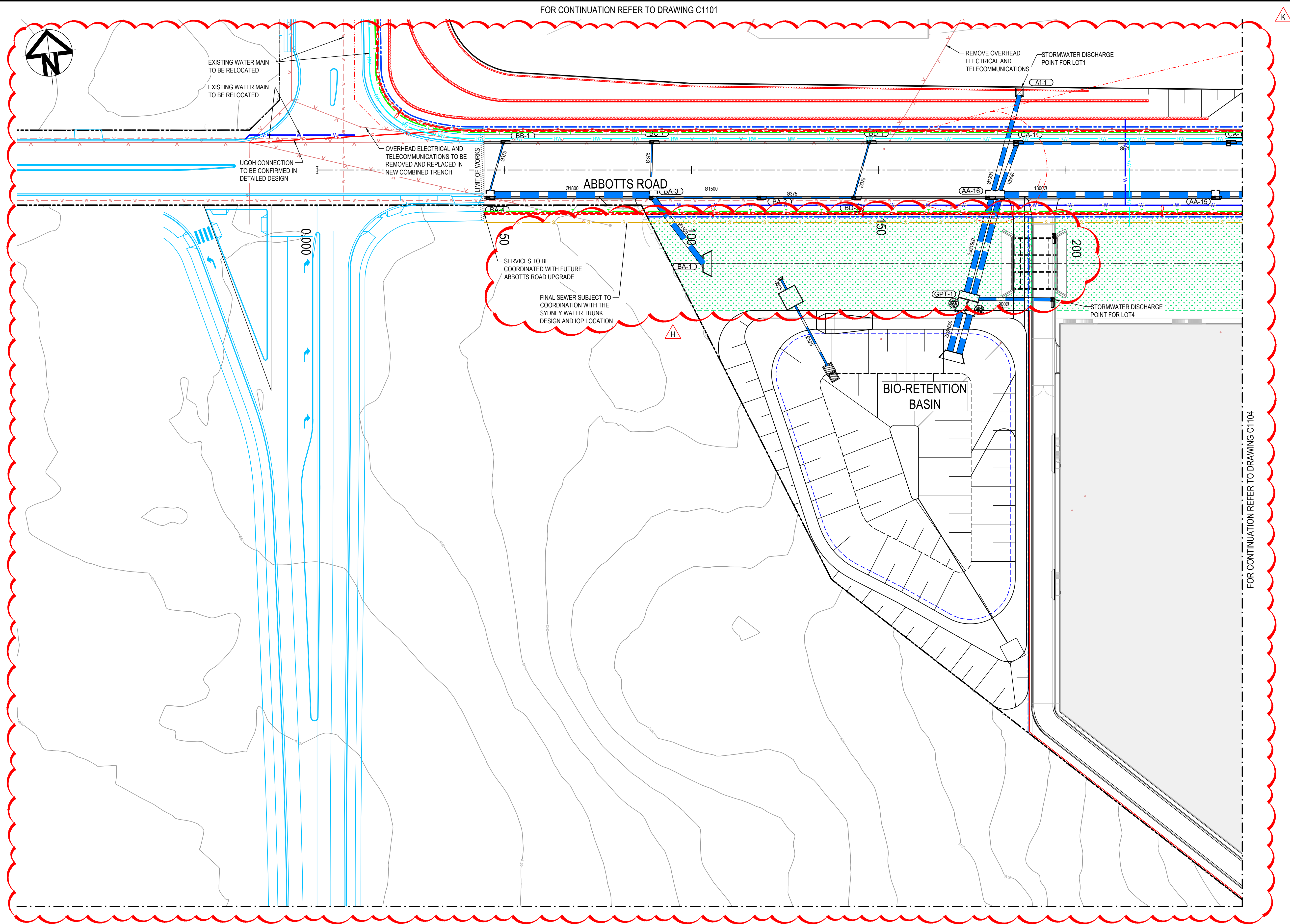
Status	
--------	--

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

Project - Drawing No.

A1

Issue



LEGEND:

GENERAL

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- ALDINGTON / ABBOTT'S 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

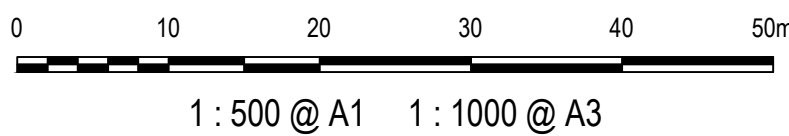
UTILITIES - EXISTING

- ELECTRICITY LINE
- ELECTRICITY OVERHEAD
- WATER
- STORMWATER

NOTE
REFER TO TYPICAL ROAD SECTIONS ON DRG C3010 & C3011
FOR DIMENSIONS OF SERVICE ALLOCATIONS

J	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	15-12-22
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date

Bar Scales



Client



Scales

1 : 500

Grid

MGA2020

Height Datum

AHD

Drawn

LM

Designed

LM

Checked

AT

Approved

Project

PROPOSED INDUSTRIAL
DEVELOPMENT
WESTLINK
KEMPS CREEK

Title

SERVICES AND UTILITIES
COORDINATION 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

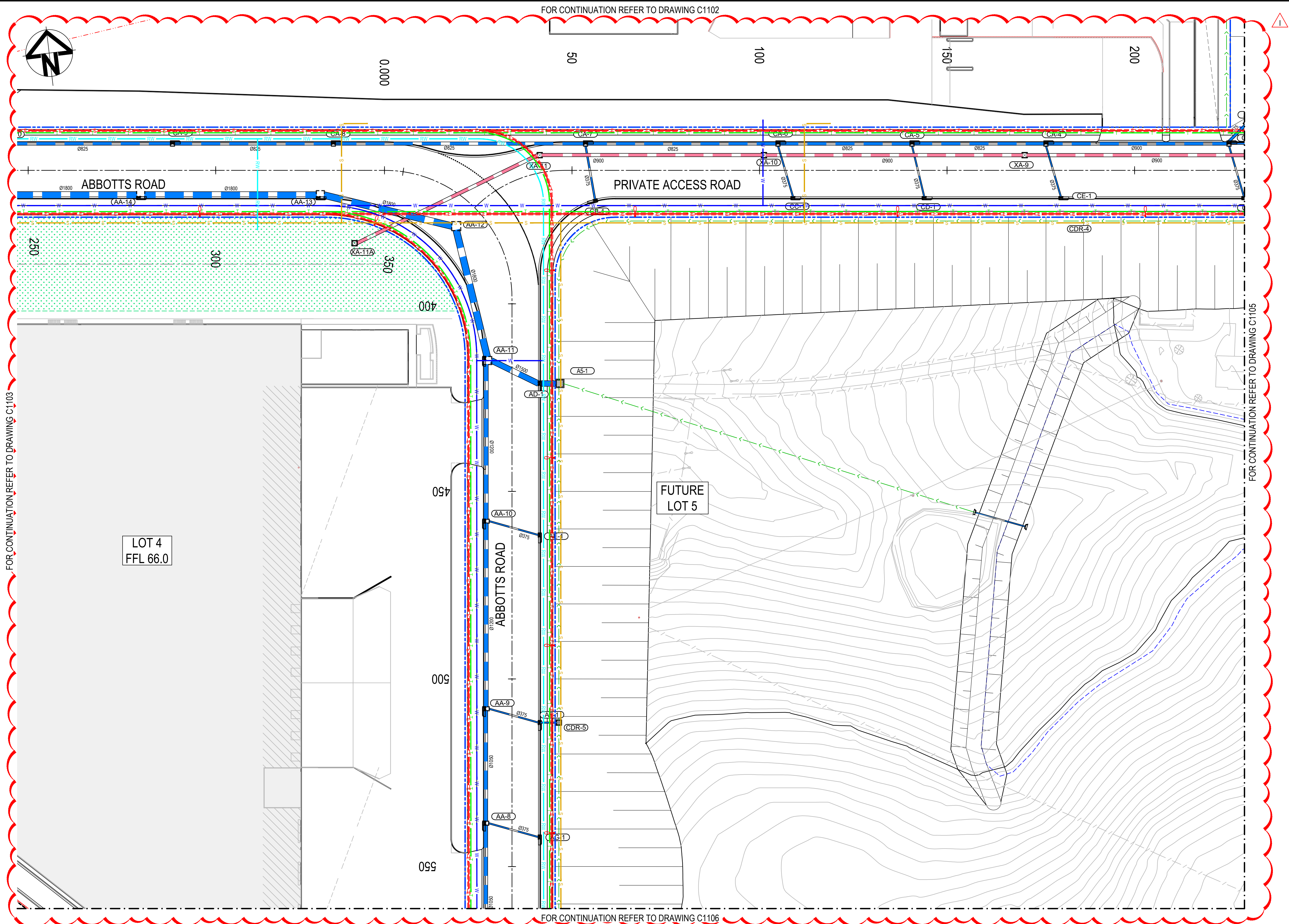
Project - Drawing No.

20-748-C1103

Issue

J

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



LEGEND:

GENERAL

EXISTING BOUNDARY

EXISTING BOUNDARY TO BE REMOVED

EXISTING ELECTRICITY

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

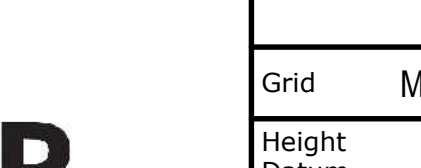

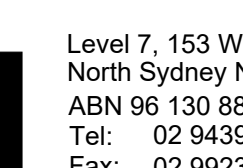
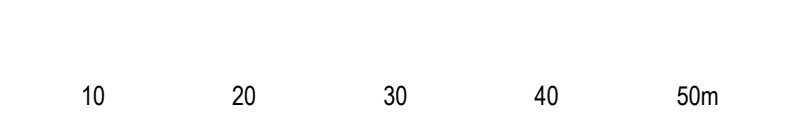
ELECTRICITY LINE

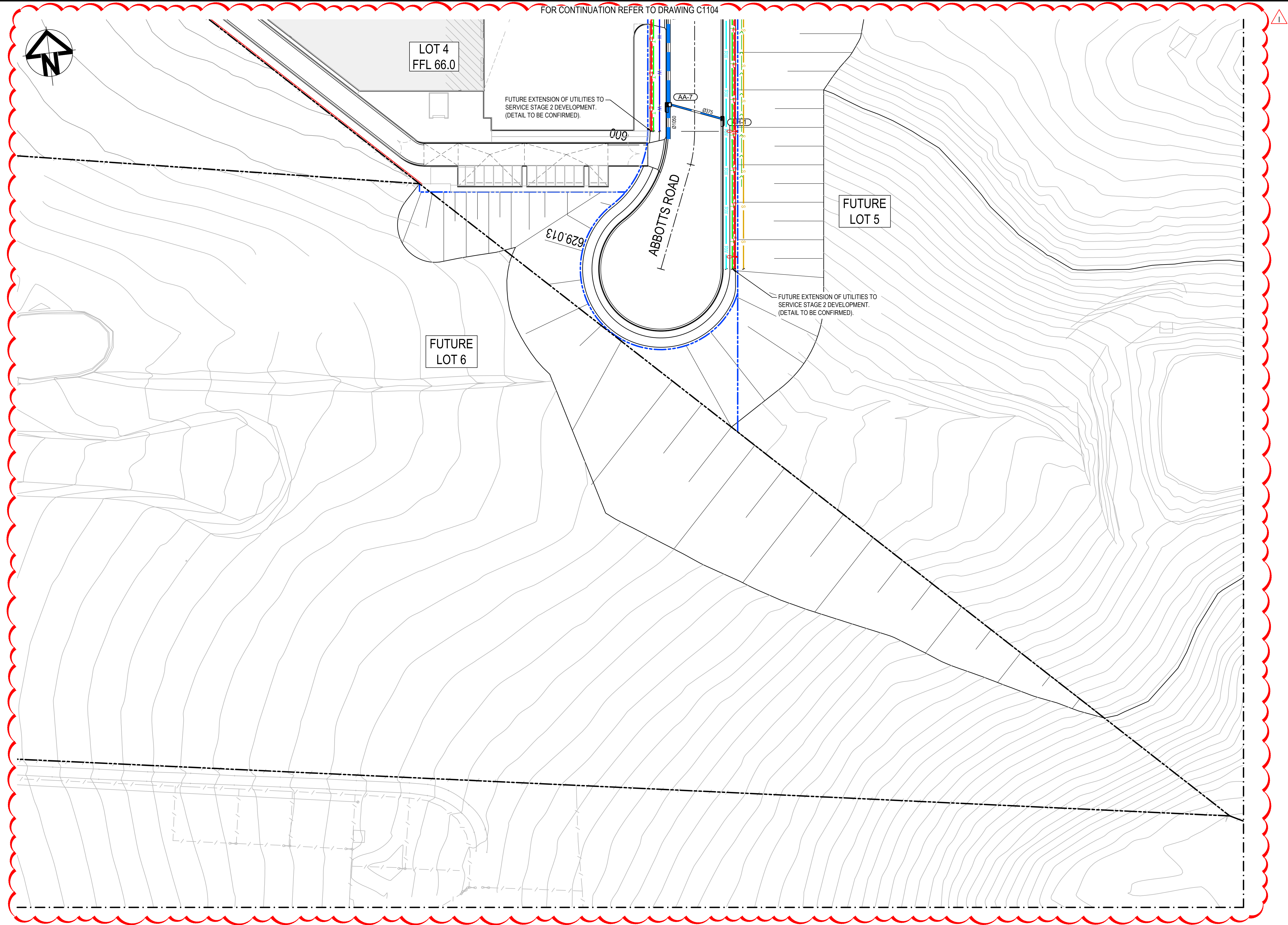
ELECTRICITY OVERHEAD

WATER

STORMWATER

NOTE
REFER TO TYPICAL ROAD SECTIONS ON DRG C3010 & C3011 FOR DIMENSIONS OF SERVICE ALLOCATIONS

Bar Scales				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&I	Scales 1 : 500 Grid MGA2020 Height Datum AHD	Drawn	LM	Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK Title SERVICES AND UTILITIES COORDINATION 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		
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23					Designed	LM			Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. 20-748-C1104	Issue H
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22					Checked	AT				
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22					Approved					
E	RTS SUBMISSION	08-04-22										
D	RTS ISSUE	11-11-21										
C	RTS ISSUE	12-10-21										
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21										
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20										
Issue	Description	Date										



LEGEND:

GENERAL

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- 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

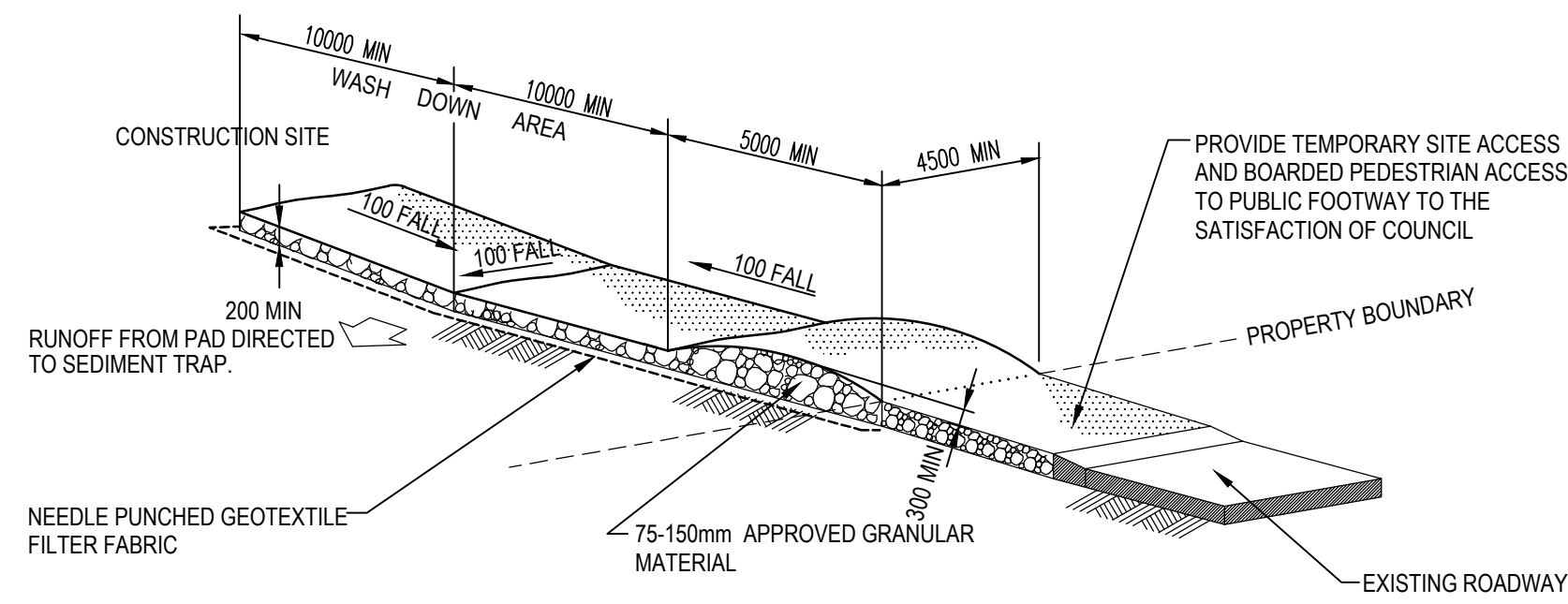
- PROPOSED STORMWATER JUNCTION PIT
- PROPOSED STORMWATER SURFACE INLET PIT
- PROPOSED STORMWATER KERB INLET PIT WITH LINTEL
- PROPOSED STORMWATER PIPE WITH HEADWALL
- PROPOSED STORMWATER LINE
- PROPOSED UPSTREAM STORMWATER CATCHMENT DIVERSION LINE

UTILITIES - EXISTING

- ELECTRICITY LINE
- ELECTRICITY OVERHEAD
- WATER
- STORMWATER

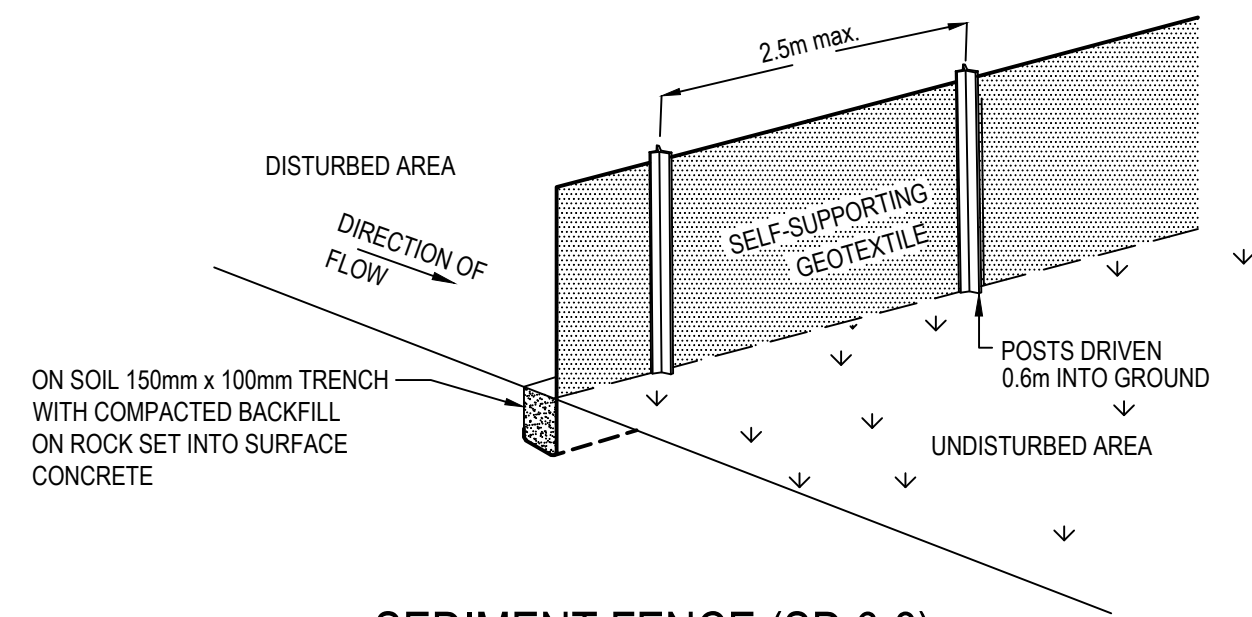
NOTE
REFER TO TYPICAL ROAD SECTIONS ON DRG C3010 & C3011 FOR DIMENSIONS OF SERVICE ALLOCATIONS

<table><tr><td>H</td><td>RE-ISSUED FOR DEVELOPMENT APPLICATION</td><td>14-02-23</td></tr><tr><td>G</td><td>RE-ISSUED FOR DEVELOPMENT APPLICATION</td><td>19-10-22</td></tr><tr><td>F</td><td>RE-ISSUED FOR DEVELOPMENT APPLICATION</td><td>29-08-22</td></tr><tr><td>E</td><td>RTS SUBMISSION</td><td>08-04-22</td></tr><tr><td>D</td><td>RTS ISSUE</td><td>11-11-21</td></tr><tr><td>C</td><td>RTS ISSUE</td><td>12-10-21</td></tr><tr><td>B</td><td>ISSUED FOR DEVELOPMENT APPLICATION</td><td>19-04-21</td></tr><tr><td>A</td><td>ISSUED FOR DEVELOPMENT APPLICATION</td><td>22-12-20</td></tr><tr><td>Issue</td><td>Description</td><td>Date</td></tr></table>			H	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23	G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22	F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22	E	RTS SUBMISSION	08-04-22	D	RTS ISSUE	11-11-21	C	RTS ISSUE	12-10-21	B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21	A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20	Issue	Description	Date	<p>Bar Scales</p> <div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div></div>	
H	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23																													
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22																													
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22																													
E	RTS SUBMISSION	08-04-22																													
D	RTS ISSUE	11-11-21																													
C	RTS ISSUE	12-10-21																													
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21																													
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20																													
Issue	Description	Date																													



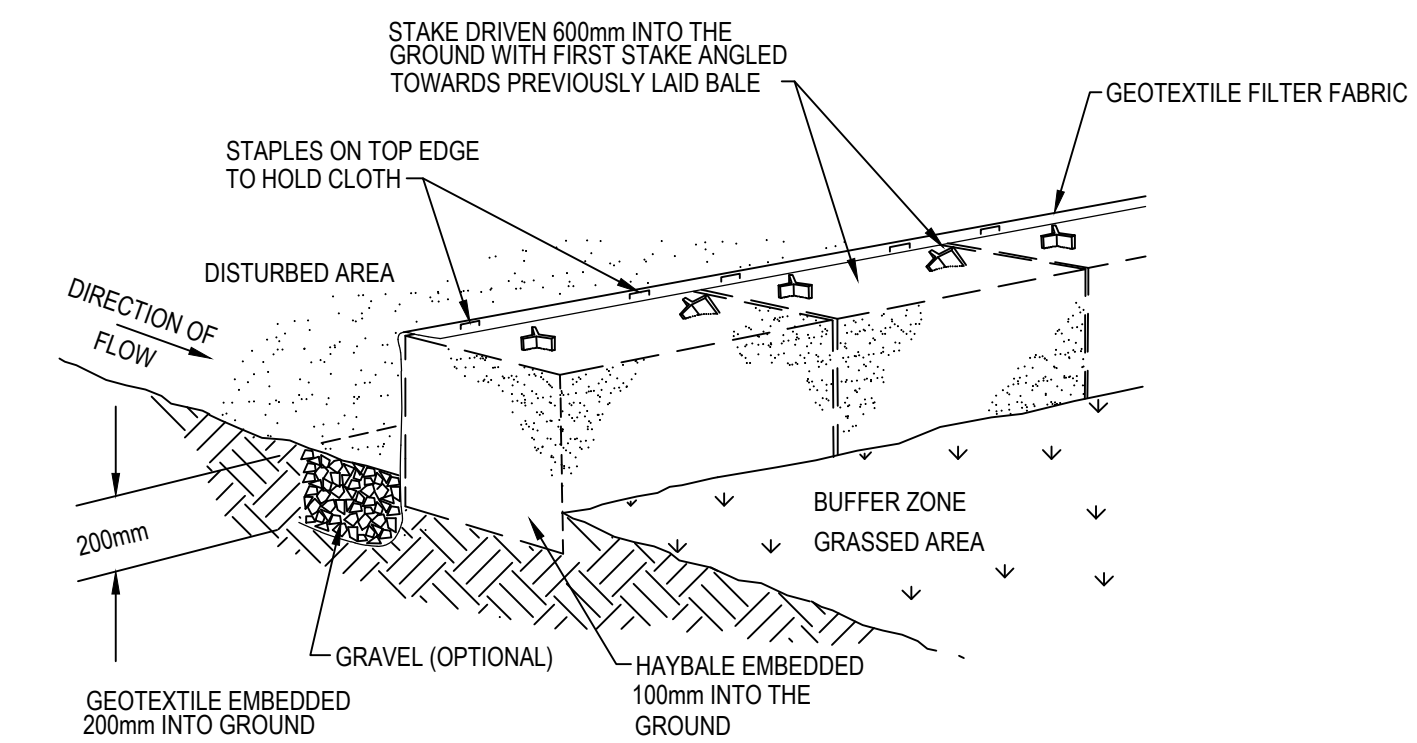
STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA

NTS



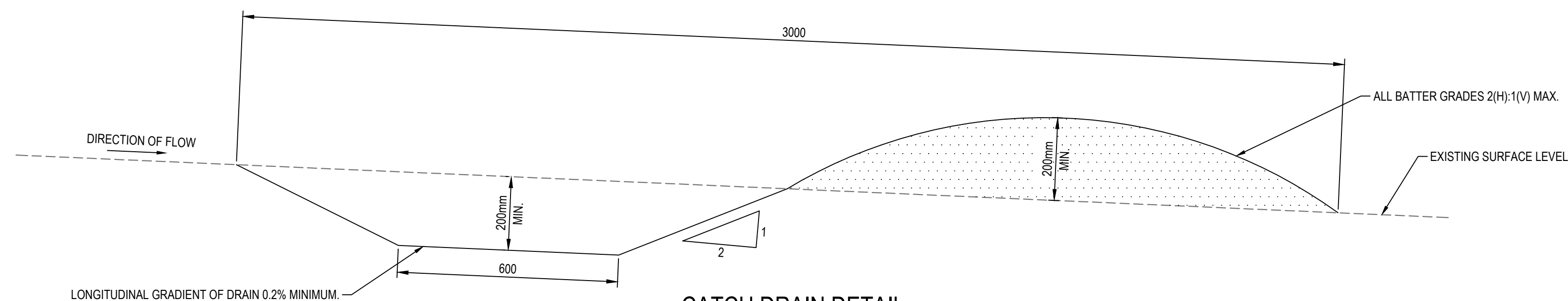
SEDIMENT FENCE (SD 6-8)

NTS



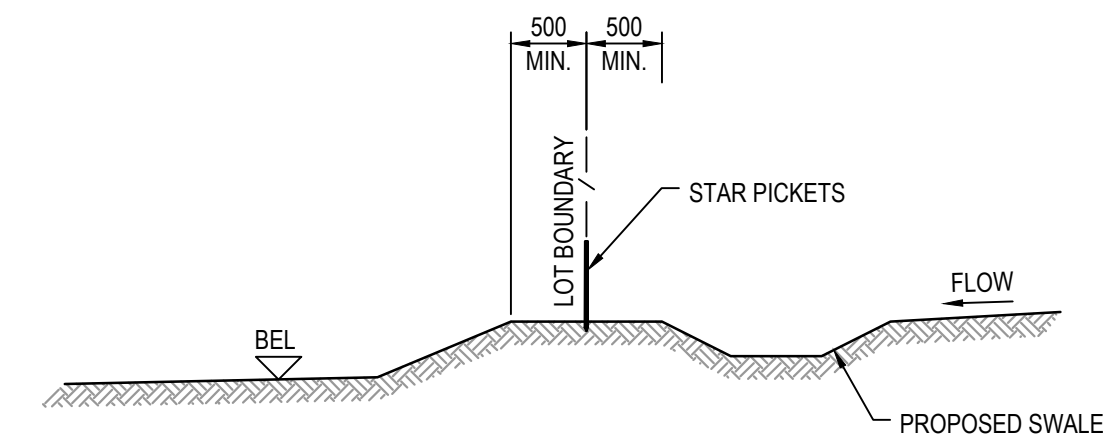
HAYBALE AND GEOTEXTILE SEDIMENT FILTER

NTS



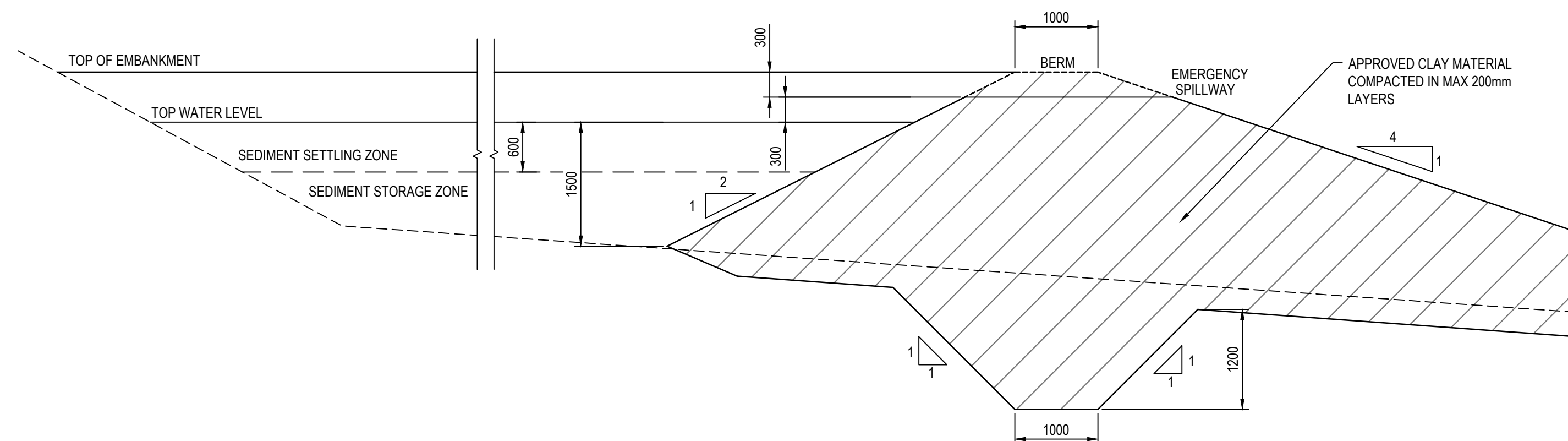
CATCH DRAIN DETAIL

SCALE 1:10



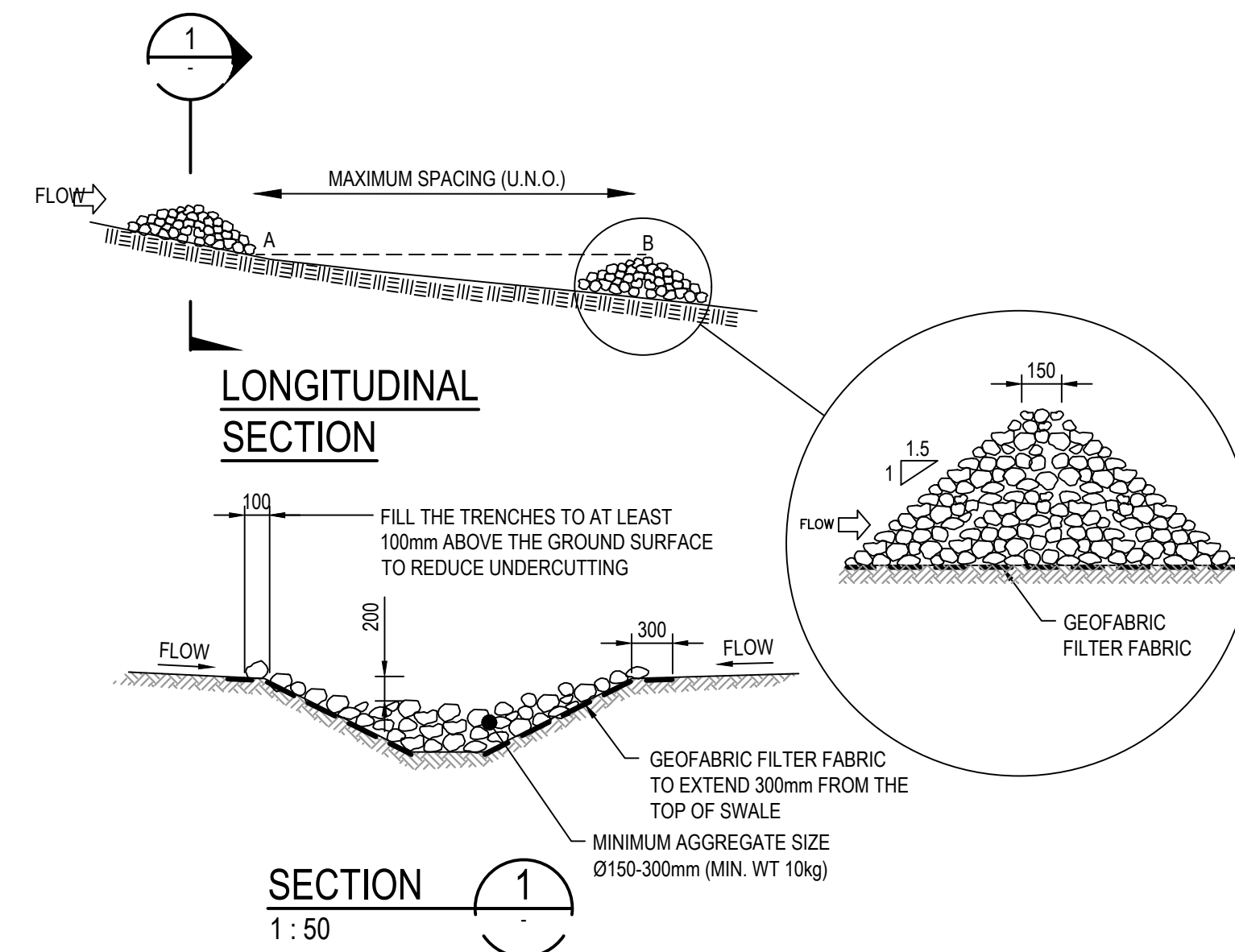
TYPICAL LOT BOUNDARY DETAIL

1:50



SEDIMENT BASIN TYPICAL CROSS SECTION

1:50



ROCK RIFFLE CHECK DAM (SD 5-4)

1:50

Issue	Description	Date
G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20

Bar Scales
0 100 200 400 600 800 1000mm
1:10 @ A1 1:20 @ A3
0 1 2 3 4 5m
1:50 @ A1 1:100 @ A3

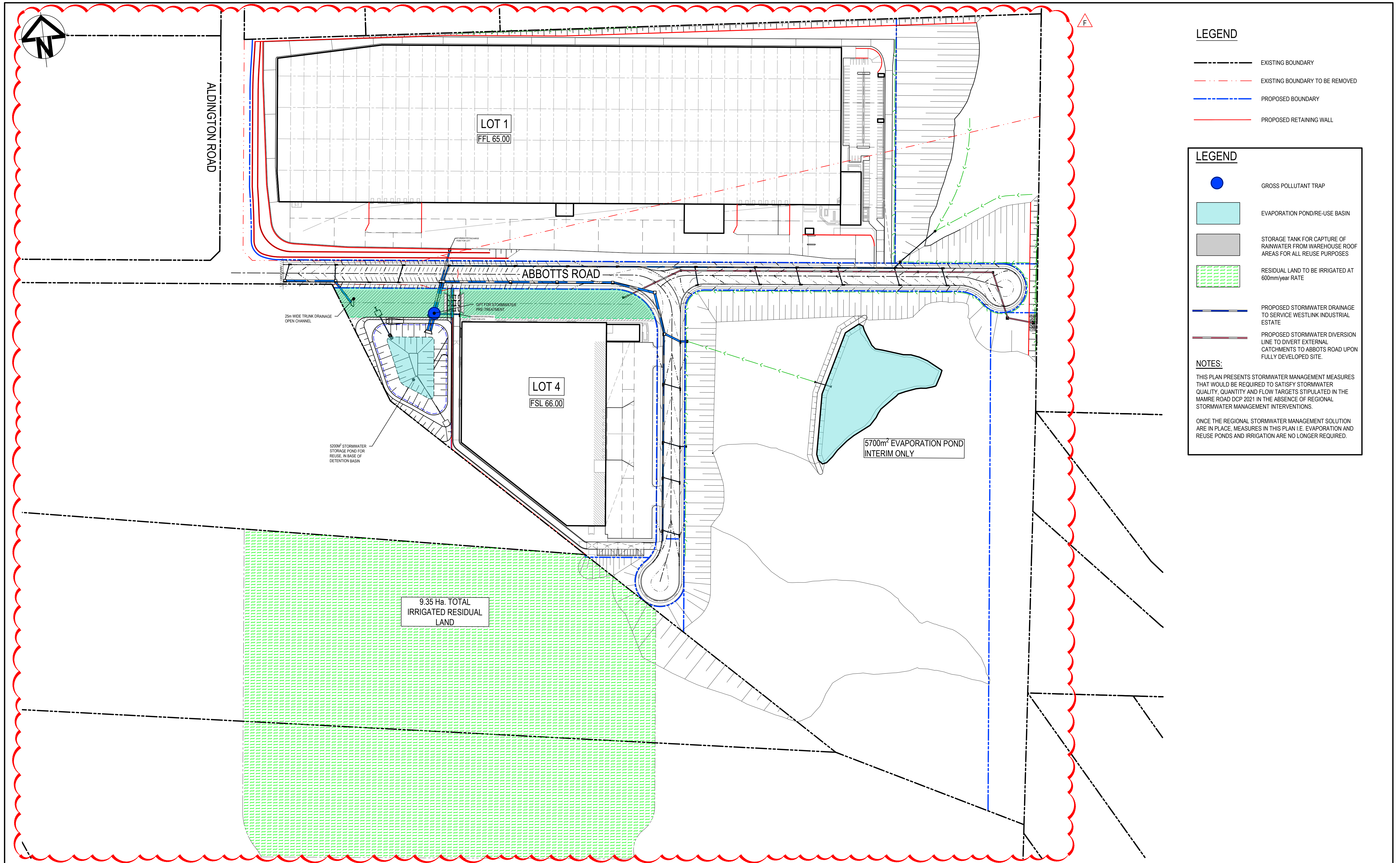
--

Client
ESR

Scales	AS SHOWN	Drawn	LM
Grid	MGA2020	Designed	LM
Height Datum	AHD	Checked	AT
		Approved	
	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	EROSION AND SEDIMENT CONTROL DETAILS

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
Project - Drawing No.	20-748-C1210
Issue	G



LEGEND

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

LEGEND

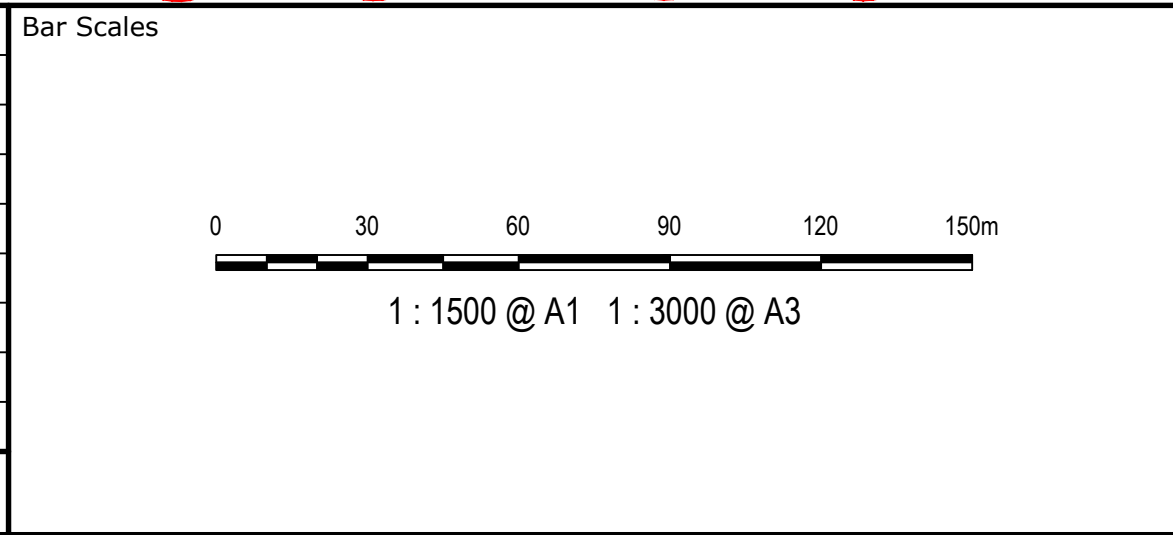
- GROSS POLLUTANT TRAP
- EVAPORATION POND/RE-USE BASIN
- STORAGE TANK FOR CAPTURE OF RAINWATER FROM WAREHOUSE ROOF AREAS FOR ALL REUSE PURPOSES
- RESIDUAL LAND TO BE IRRIGATED AT 600mm/year RATE
- PROPOSED STORMWATER DRAINAGE TO SERVICE WESTLINK INDUSTRIAL ESTATE
- PROPOSED STORMWATER DIVERSION LINE TO DIVERT EXTERNAL CATCHMENTS TO ABBOTTS ROAD UPON FULLY DEVELOPED SITE.

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 AND IRRIGATION ARE NO LONGER REQUIRED.

Issue	Description	Date
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
E	RE-ISSUED FOR DEVELOPMENT APPLICATION	15-12-22
D	RE-ISSUED FOR DEVELOPMENT APPLICATION	05-12-22
C	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
B	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
A	RTS SUBMISSION	08-04-22



Client

Scales

1 : 1500

Grid MGA2020

Height Datum AHD

Drawn LM

Designed LM

Checked AT

Approved

GDA2020

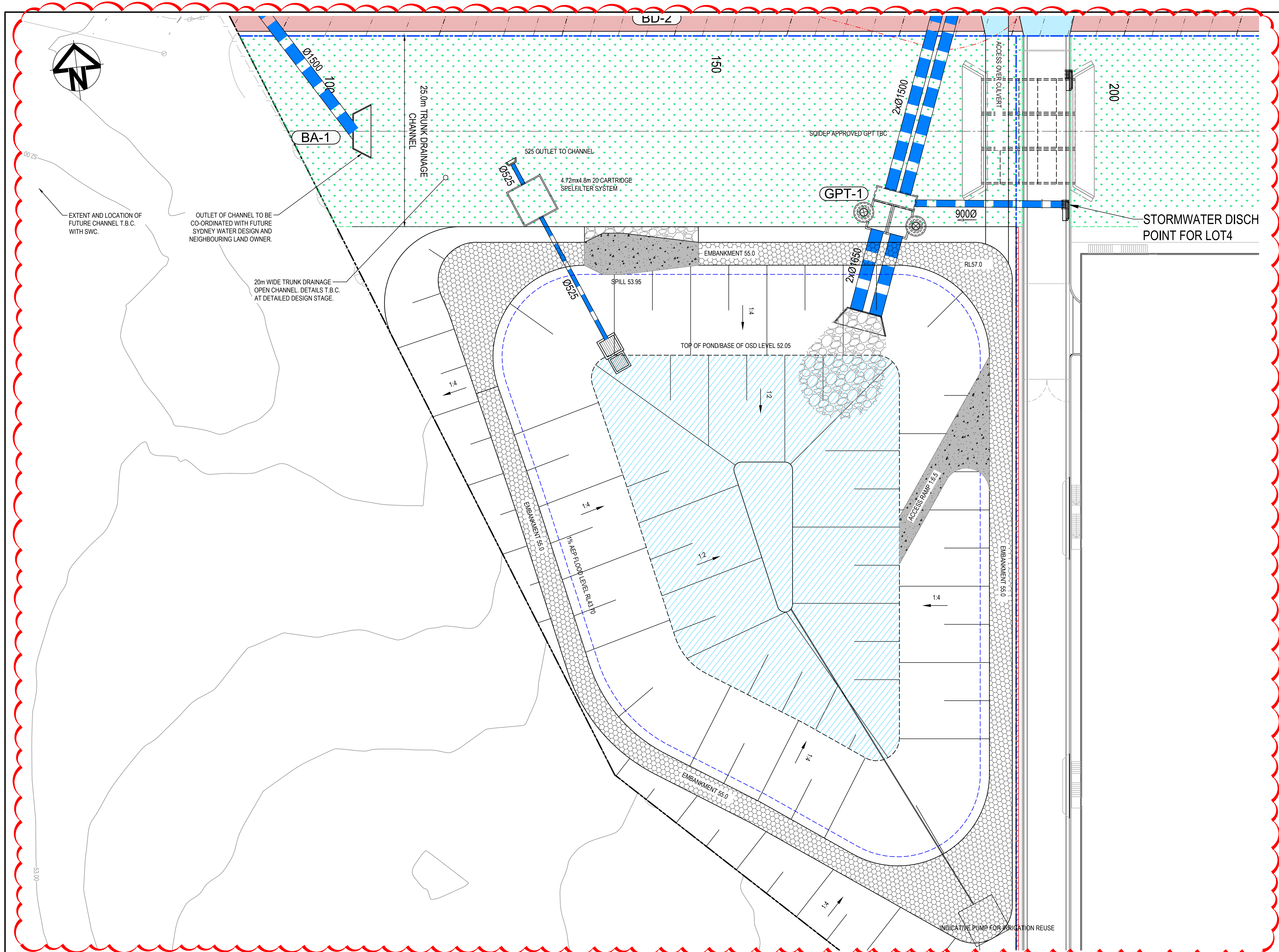
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&I

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	STORMWATER MANAGEMENT PLAN INTERIM ARRANGEMENT

Status	FOR APPROVAL	A1
Project - Drawing No.	20-748-C1220	Issue F

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



LEGEND:

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- PROPOSED EASEMENT
- PROPOSED RETAINING WALL
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED BATTER
TYPICAL BATTER 1(V):4(H)
MAX SLOPE BATTER 1(V):3(H)
U.N.O
- Ø100 UNSOCKETED AND SLOTTED PVC
- 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
- TRUNK DRAINAGE CHANNEL

ALL LEVELS ARE ±1000mm U.N.O

NOTE:
DUE TO THE STAGED NATURE OF THE DEVELOPMENT, INLET AND OUTLET ARRANGEMENTS MAY CHANGE IN FUTURE STAGES TO SATISFY THE MODIFIED FLOW DURATION CURVES.

B	ISSUED FOR DEVELOPMENT APPLICATION	14-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	15-12-22
Issue	Description	Date

Bar Scales

0 5 10 15 20 25m

1 : 250 @ A1 1 : 500 @ A3

Client

Scales

1 : 250

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

Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

DETENTION / RE-USE BASIN 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

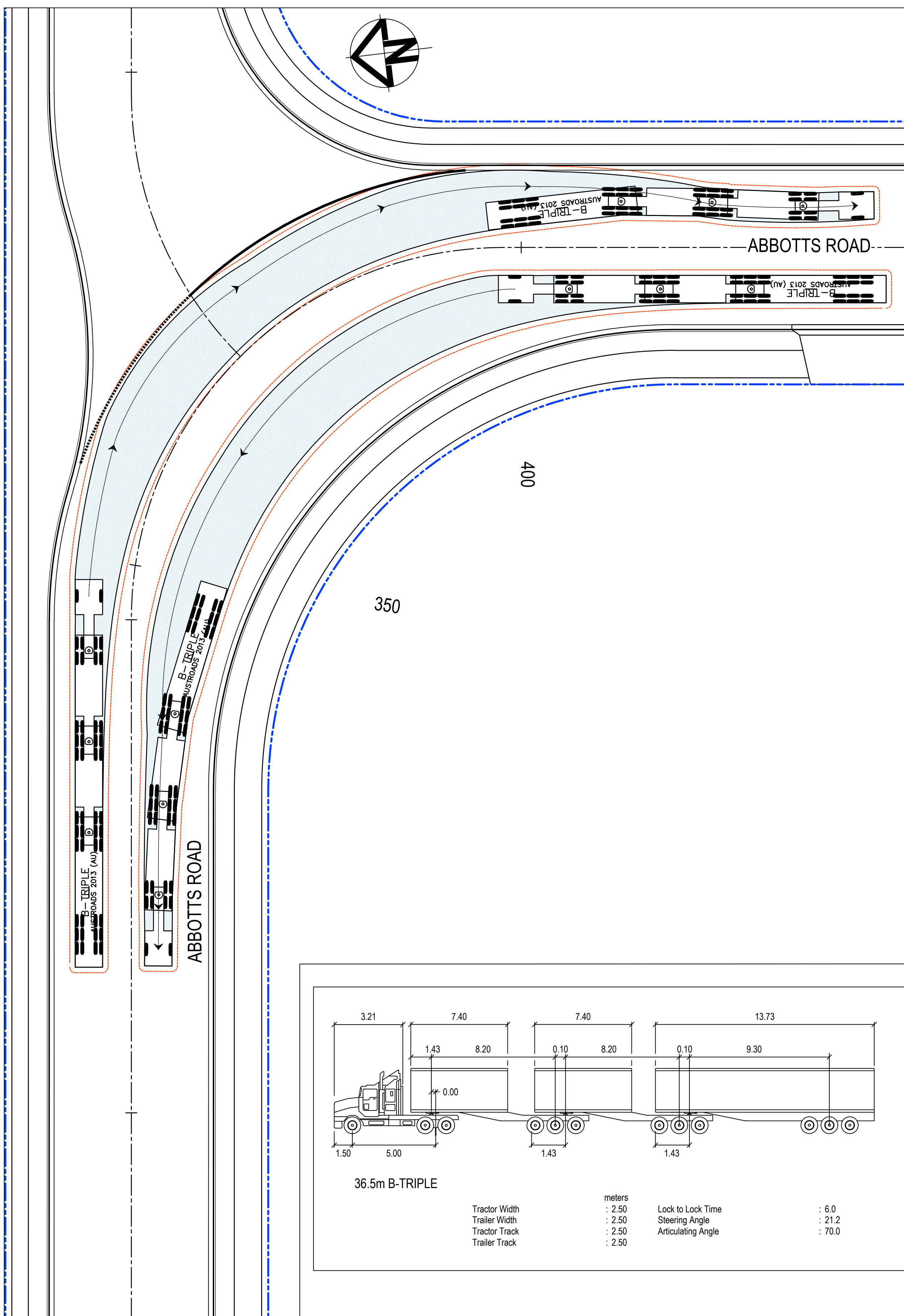
Project - Drawing No.

20-748-C1221

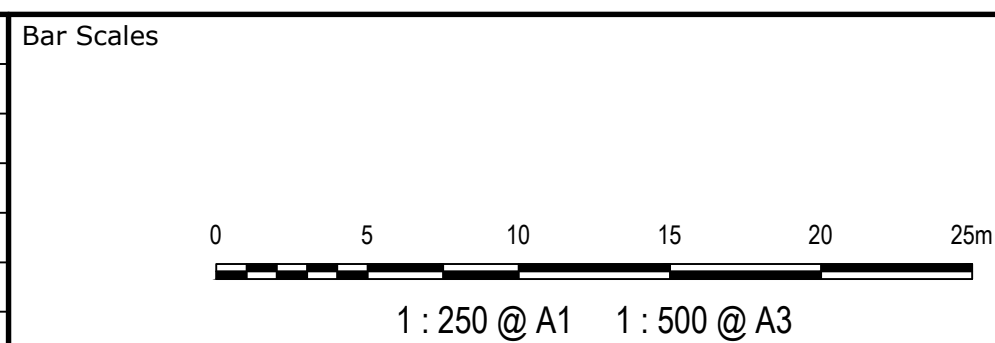
Issue


B

A1




G	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
F	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
E	RTS SUBMISSION	08-04-22
D	RTS ISSUE	11-11-21
C	RTS ISSUE	12-10-21
B	ISSUED FOR DEVELOPMENT APPLICATION	19-04-21
A	ISSUED FOR DEVELOPMENT APPLICATION	22-12-20
Issue	Description	Date



Scales 1 : 250	Drawn	LM
	Designed	LM
Grid	MGA2020	Checked
Height Datum	AHD	Approved
		
<p>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</p>		

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	VEHICLE TURNPATH PLAN SHEET 1



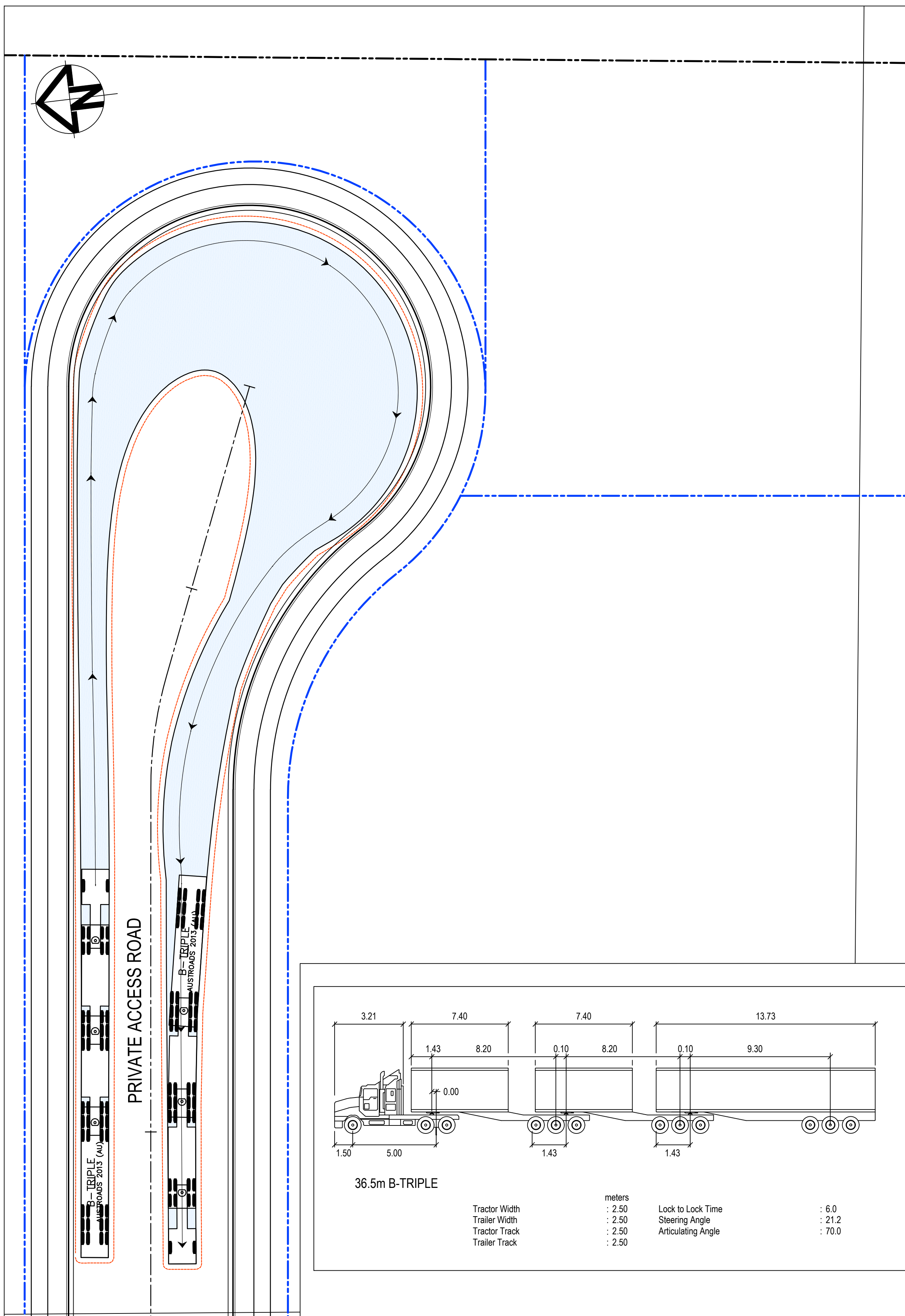
Civil Engineers and Project Managers
 Level 7, 153 Walker Street
 North Sydney NSW 2060
 ABN 96 130 882 405
 Tel: 02 9439 1777
 Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

STATUS
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1


Project - Drawing No.
20-748-C1311

Issue
G

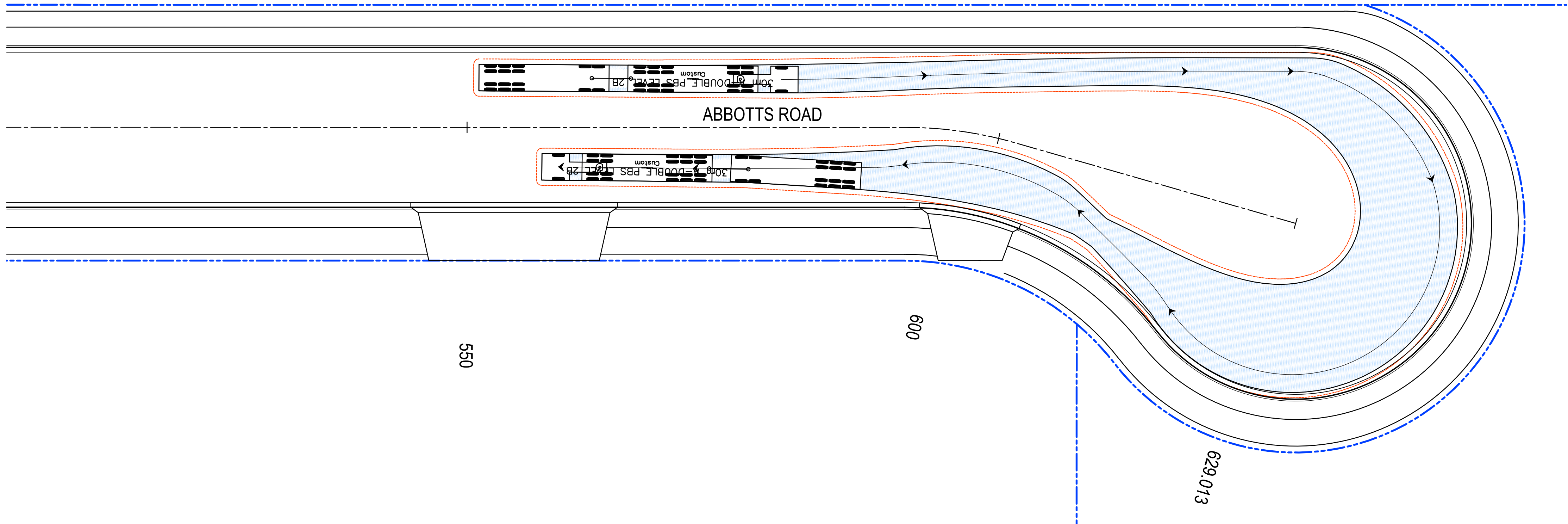


Bar Scales

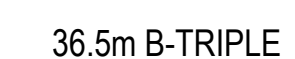
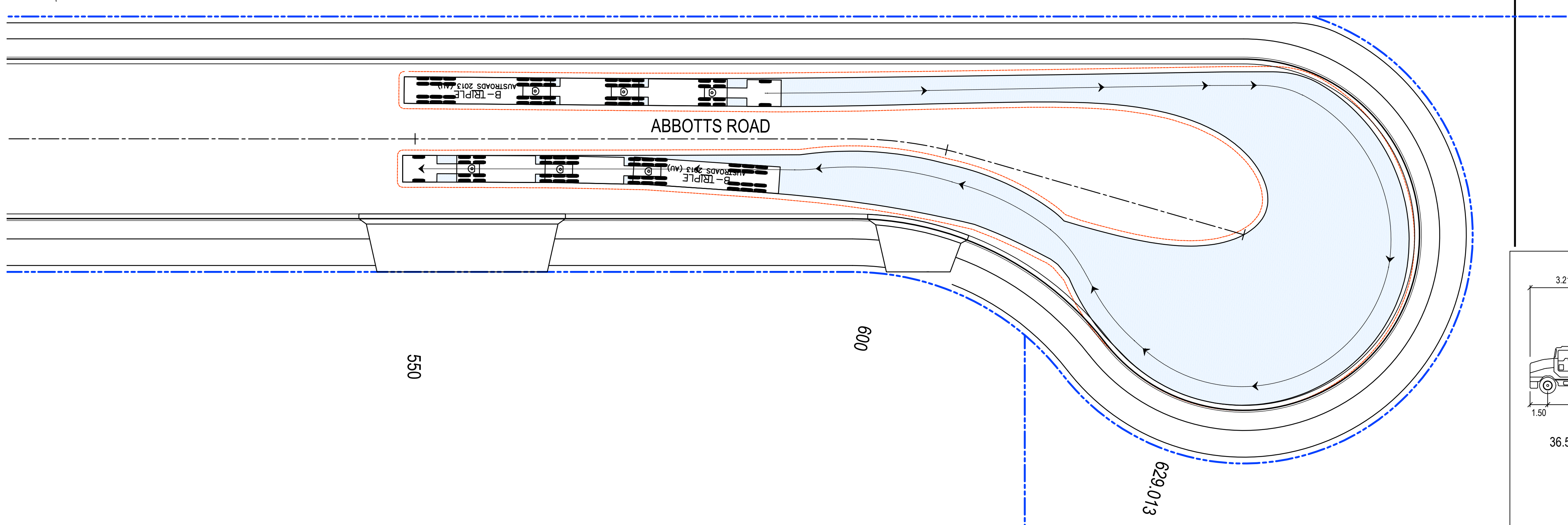
A horizontal bar scale is shown with markings at 0, 5, 10, 15, 20, and 25m. Below the bar, the scales are indicated as 1 : 250 @ A1 and 1 : 500 @ A3.

Scales 1 : 250		Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	
 <p>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</p>			

<p>Civil Engineers and Project Managers</p> <p>at&l</p> <p>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</p>	
<p>Status</p> <p>FOR APPROVAL</p> <p>NOT TO BE USED FOR CONSTRUCTION</p> <p>Project - Drawing No.</p> <p>20-748-C1312</p>	<p>A1</p> <p>Issue</p> <p>G</p>



	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		



	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		

B	RE-ISSUED FOR DEVELOPMENT APPLICATION	19-10-22
A	RE-ISSUED FOR DEVELOPMENT APPLICATION	29-08-22
Issue	Description	Date

Bar Scales




1 : 250 @ A1 1 : 500 @ A3



	Client
--	--------

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



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

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

RM LY	<div data-label="Text"> <p>Title</p> </div> <div data-label="Section-Header"> <h1>VEHICLE TURNPATH PLAN SHEET 3</h1> </div>
----------	---

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-C1313

A1	
Issue	
B	

