

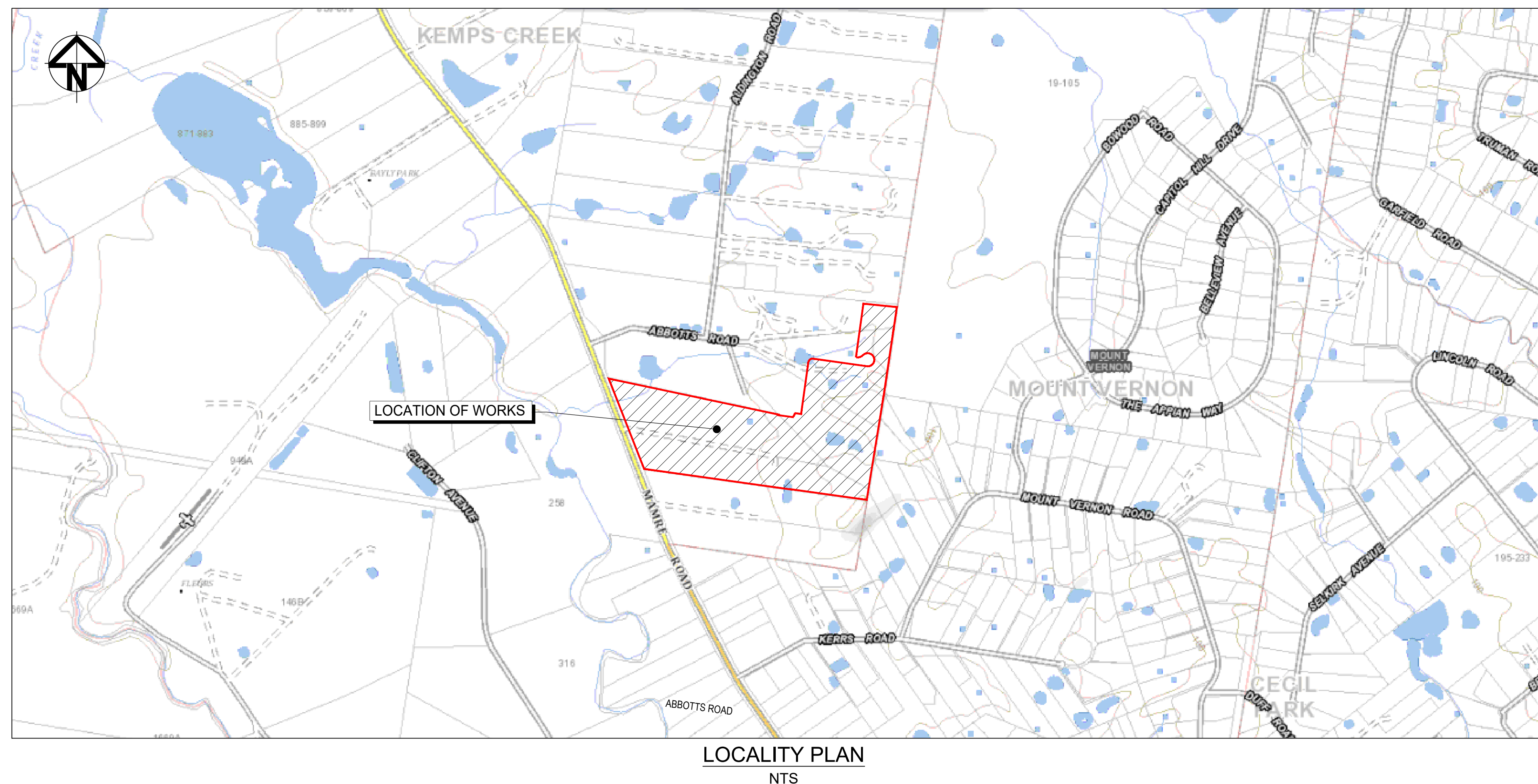
WESTLINK




KEMPS CREEK

CIVIL WORKS PACKAGE - INFRASTRUCTURE WORKS - STAGE 2

STATE SIGNIFICANT DEVELOPMENT APPLICATION




RTS-SSD-46983729



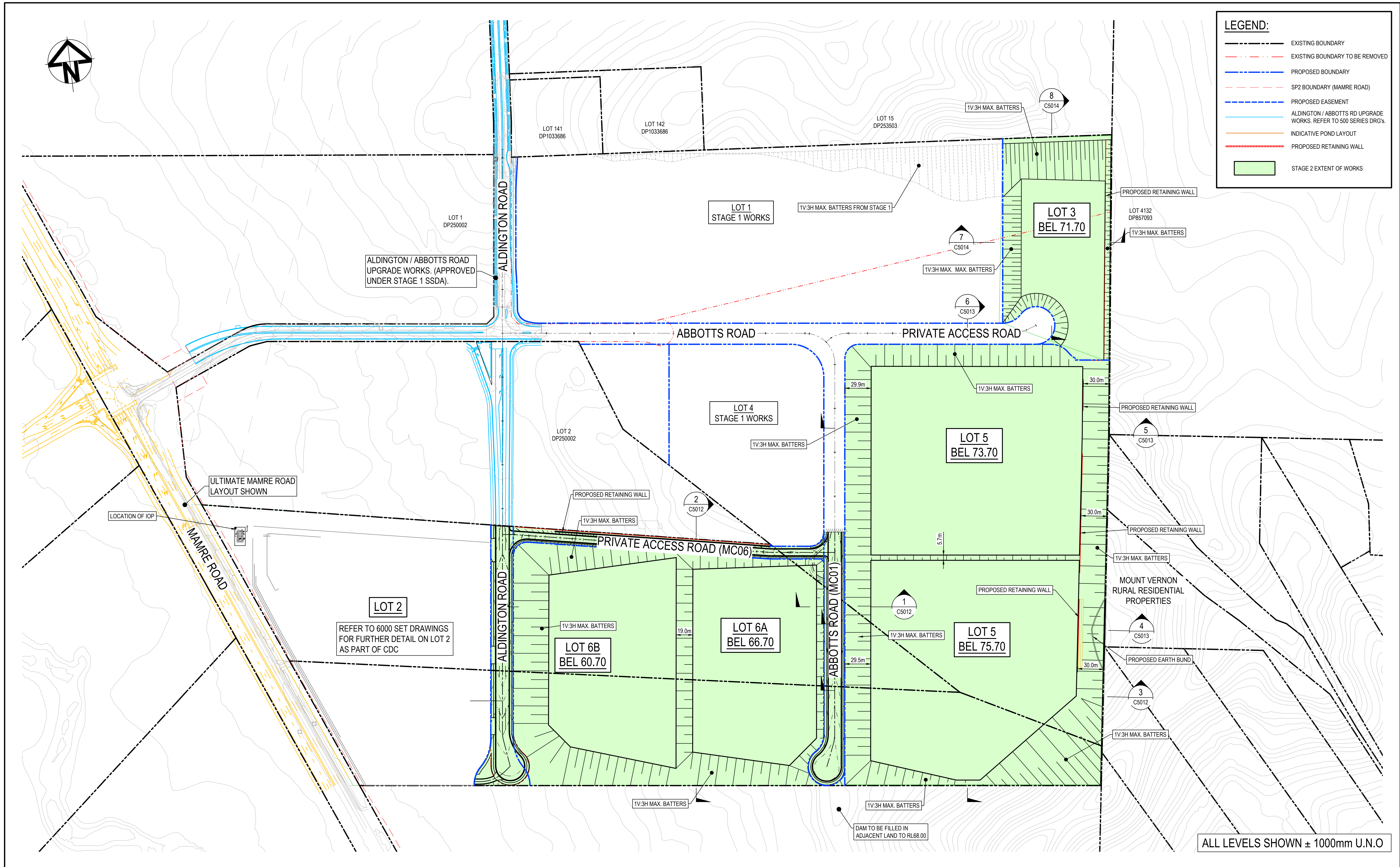
			Bar Scales			Client		<div>Scales</div> <div>N.T.S.</div>	<div>Drawn</div> <div>LM</div>	Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	<div>Civil Engineers and Project Managers</div> <div></div> <div>Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au</div>		
								<div>Grid</div> <div>MGA2020</div>	<div>Checked</div> <div>AT</div>					
								<div>Height Datum</div> <div>AHD</div>	<div>Approved</div> <div>AT</div>					
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23							THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L	Title	COVER SHEET	<div>Status</div> <div>FOR APPROVAL</div> <div>NOT TO BE USED FOR CONSTRUCTION</div> <div>Project - Drawing No.</div> <div>20-748-C5000</div>	A1	<div>Issue</div> <div>D</div>
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23												
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23												
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22												
Issue	Description	Date												

DRAWING LIST	
DRAWING No.	DRAWING TITLE
20-748-C5000	COVER SHEET
20-748-C5001	DRAWING LIST
20-748-C5002	GENERAL NOTES
20-748-C5005	GENERAL ARRANGEMENT PLAN
20-748-C5010	TYPICAL ROAD SECTIONS SHEET 1
20-748-C5011	TYPICAL ROAD SECTIONS SHEET 2
20-748-C5012	TYPICAL SITE SECTIONS SHEET 1
20-748-C5013	TYPICAL SITE SECTIONS SHEET 2
20-748-C5014	TYPICAL SITE SECTIONS SHEET 3
20-748-C5016	TYPICAL DETAILS SHEET 1
20-748-C5020	BOUNDARY INTERFACE PLAN
20-748-C5021	BOUNDARY INTERFACE SECTIONS SHEET 1
20-748-C5022	BOUNDARY INTERFACE SECTIONS SHEET 2
20-748-C5023	BOUNDARY INTERFACE SECTIONS SHEET 3
20-748-C5024	BOUNDARY INTERFACE SECTIONS SHEET 4
20-748-C5030	BULK EARTHWORKS CONTOUR PLAN
20-748-C5033	BULK EARTHWORKS CUTFILL PLAN
20-748-C5041	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
20-748-C5042	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
20-748-C5043	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 3
20-748-C5044	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
20-748-C5045	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 5
20-748-C5046	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 6
20-748-C5050	ABBOTTS ROAD (MC01) LONGITUDINAL SECTION SHEET 1
20-748-C5051	PRIVATE ACCESS ROAD (MC05) LONGITUDINAL SECTION SHEET 2
20-748-C5052	PRIVATE ACCESS ROAD (MC05) AND ALDINGTON ROAD LONGITUDINAL SECTION SHEET 3
20-748-C5061	STORMWATER DRAINAGE CATCHMENT PLAN (PRE-DEVELOPED)
20-748-C5065	STORMWATER DRAINAGE CATCHMENT PLAN (POST-DEVELOPED)
20-748-C5071	STORMWATER DRAINAGE DETAILS SHEET 1
20-748-C5072	STORMWATER DRAINAGE DETAILS SHEET 2
20-748-C5073	STORMWATER DRAINAGE DETAILS SHEET 3
20-748-C5074	STORMWATER DRAINAGE DETAILS SHEET 4
20-748-C5080	RETAINING WALL GENERAL ARRANGEMENT PLAN
20-748-C5081	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 1
20-748-C5082	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 2
20-748-C5083	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 3
20-748-C5084	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 4
20-748-C5085	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 5
20-748-C5092	RETAINING WALL PROFILES SHEET 1
20-748-C5093	RETAINING WALL PROFILES SHEET 2
20-748-C5094	RETAINING WALL PROFILES SHEET 3
20-748-C5152	SERVICES AND UTILITIES COORDINATION PLAN SHEET 1
20-748-C5153	SERVICES AND UTILITIES COORDINATION PLAN SHEET 2
20-748-C5154	SERVICES AND UTILITIES COORDINATION PLAN SHEET 3
20-748-C5155	SERVICES AND UTILITIES COORDINATION PLAN SHEET 4
20-748-C5156	SERVICES AND UTILITIES COORDINATION PLAN SHEET 5
20-748-C5157	SERVICES AND UTILITIES COORDINATION PLAN SHEET 6
20-748-C5158	SERVICES AND UTILITIES COORDINATION PLAN SHEET 7
20-748-C5159	SERVICES AND UTILITIES COORDINATION PLAN SHEET 8

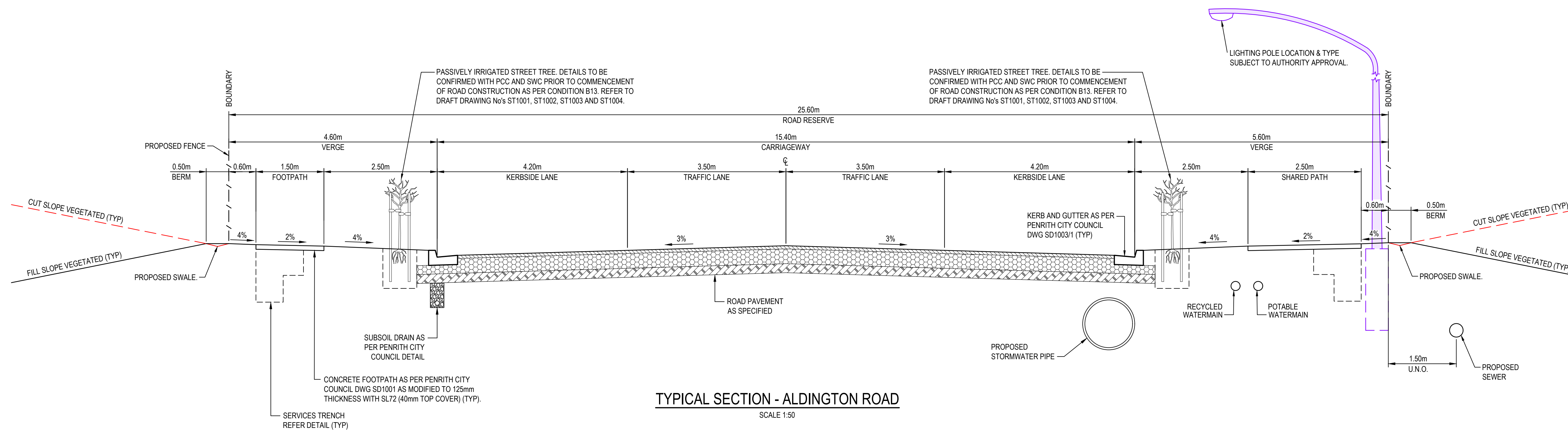
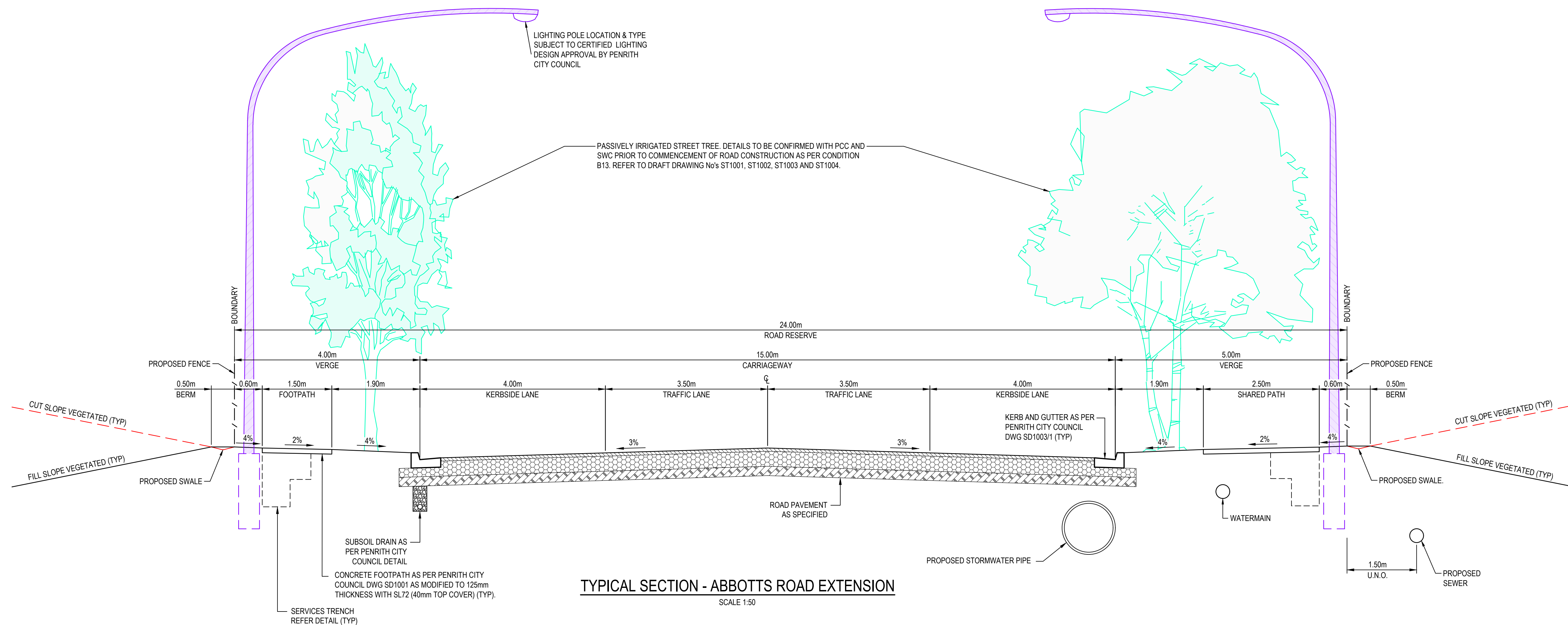
20-748-C5201	EROSION AND SEDIMENT CONTROL PLAN
20-748-C5210	EROSION AND SEDIMENT CONTROL DETAILS
20-748-C5220	STORMWATER MANAGEMENT PLAN INTERIM ARRANGEMENT
20-748-C5311	VEHICLE TURNING PATH PLAN SHEET 1
20-748-C5312	VEHICLE TURNING PATH PLAN SHEET 2
20-748-C5313	VEHICLE TURNING PATH PLAN SHEET 3
20-748-C5314	VEHICLE TURNING PATH PLAN SHEET 4
20-748-C5320	FUTURE ROUNDABOUT PLAN
20-748-C5321	FUTURE ROUNDABOUT TURNING PATH PLAN SHEET 1
20-748-C5322	FUTURE ROUNDABOUT TURNING PATH PLAN SHEET 2


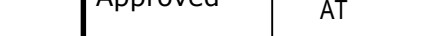
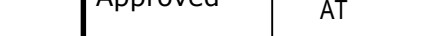


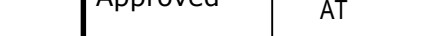


			Bar Scales		Client		Scales	N.T.S.	Drawn	LM	Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers		Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au
									Designed	LM					
								Grid	MGA2020	Checked					
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24					Height Datum	AHD	Approved	AT	Title	DRAWING LIST	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23					 THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&I								
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23													
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23													
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22									Project - Drawing No.				Issue
							20-748-C5001				E				
Issue	Description	Date													

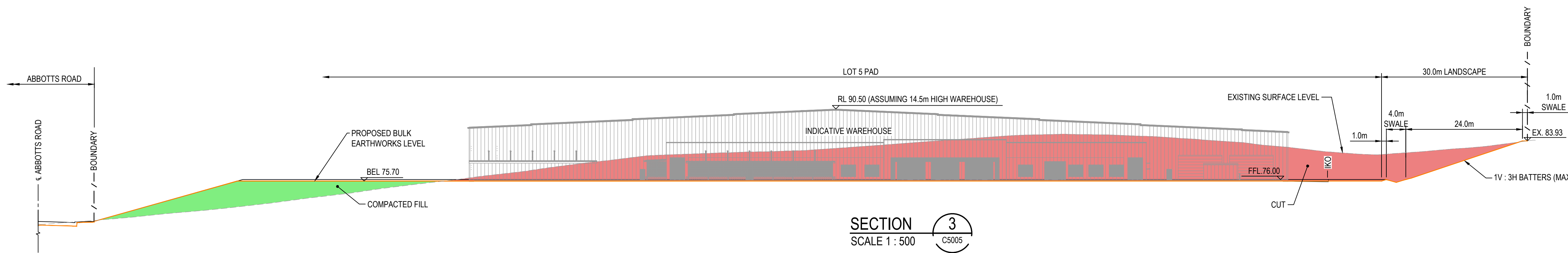
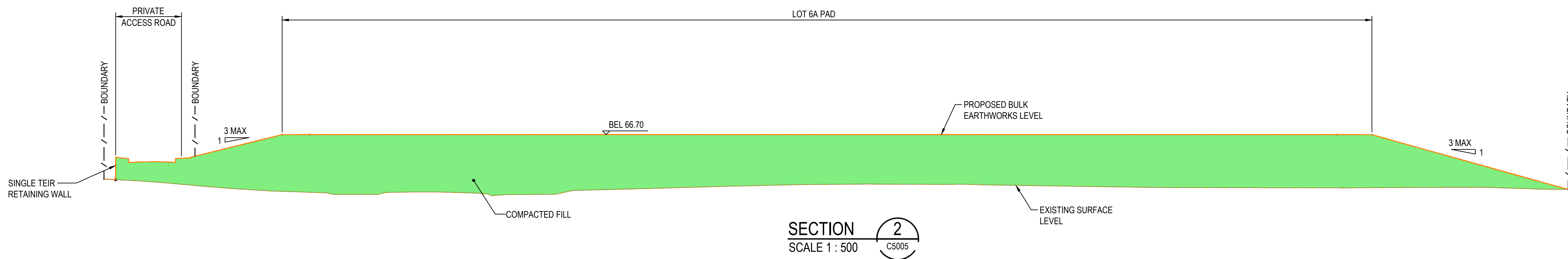
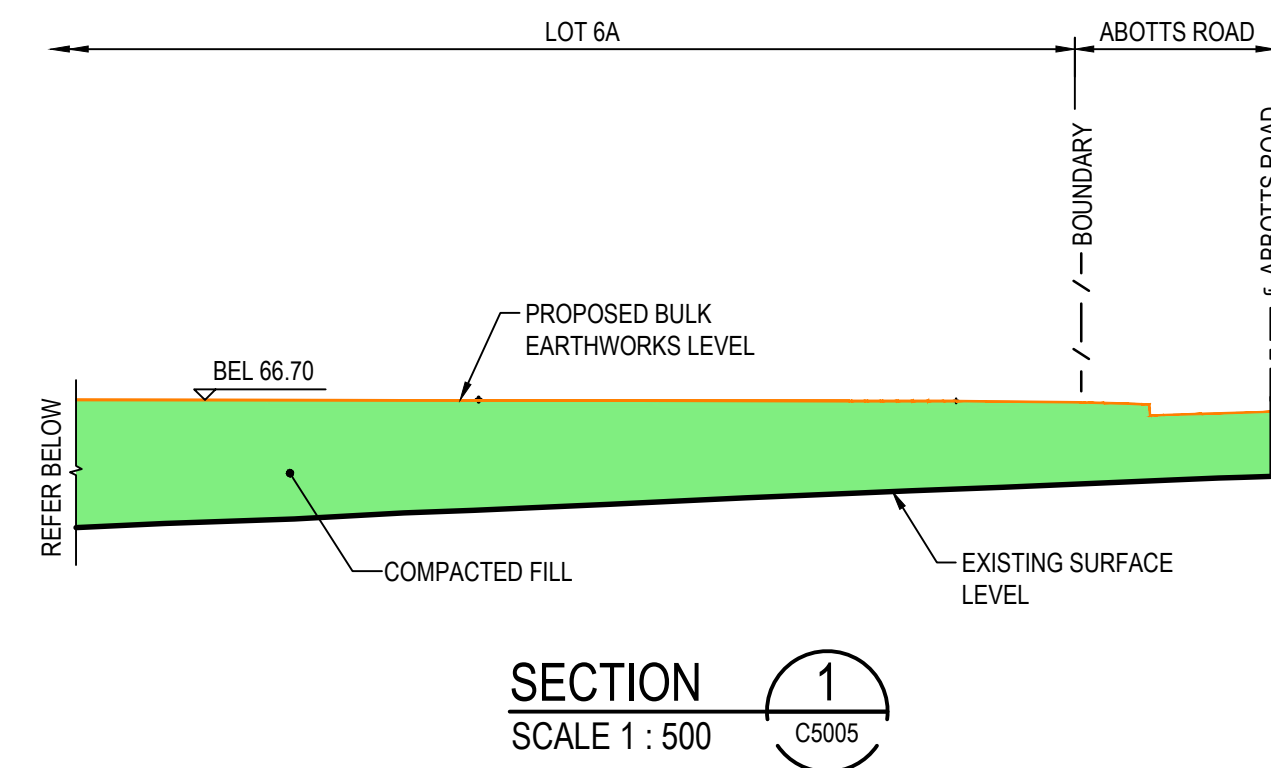
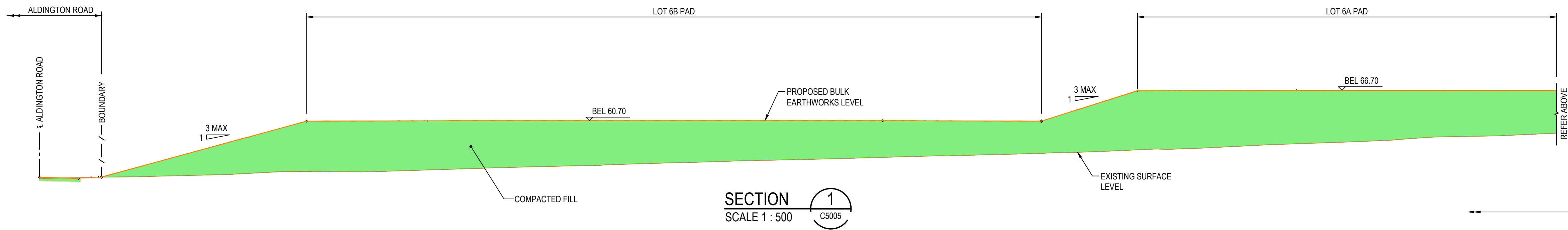
100mm on Original



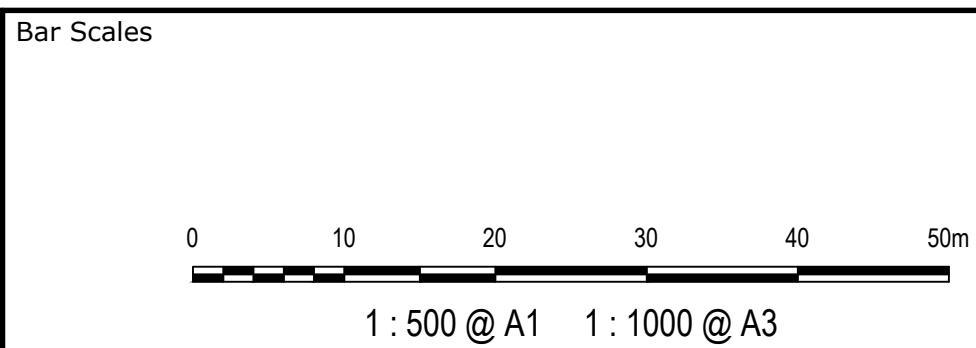
			<div>Bar Scales</div> <div><div><div>050100150200m</div><div>1 : 2000 @ A1</div></div></div>		<div>Client</div> <div><div><div></div><div>ESR</div></div></div>	<div>Scales</div> <div>1 : 2000</div>	<div>Drawn</div> <div>LM</div>	<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>	<div>Civil Engineers and Project Managers</div> <div><div>at&i</div><div>Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au</div></div> <div><div>Status</div><div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div><div>Project - Drawing No. 20-748-C5005</div><div><div>A1</div><div>Issue F</div></div></div>
	<div>Designed</div> <div>LM</div>								
	<div>Checked</div> <div>AT</div>								
<div>F</div> <div>ISSUED FOR DEVELOPMENT APPLICATION</div> <div>15-08-24</div>		<div>Grid</div> <div>MGA2020</div>				<div>Approved</div> <div>AT</div>	<div>Title</div> <div>GENERAL ARRANGEMENT PLAN</div>		
<div>E</div> <div>ISSUED FOR DEVELOPMENT APPLICATION</div> <div>11-10-23</div>		<div>Height Datum</div> <div>AHD</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&I</div></div>			
<div>D</div> <div>ISSUED FOR DEVELOPMENT APPLICATION</div> <div>27-09-23</div>									
<div>C</div> <div>ISSUED FOR DEVELOPMENT APPLICATION</div> <div>12-09-23</div>									
<div>B</div> <div>ISSUED FOR DEVELOPMENT APPLICATION</div> <div>23-02-23</div>									
<div>A</div> <div>ISSUED FOR DEVELOPMENT APPLICATION</div> <div>25-10-22</div>									
<div>Issue</div> <div>Description</div> <div>Date</div>									



			Bar Scales		Client		<table><tr><td rowspan="2">Scales 1:50</td><td>Drawn</td><td>LM</td></tr><tr><td>Designed</td><td>LM</td></tr><tr><td>Grid MGA2020</td><td>Checked</td><td>AT</td></tr><tr><td>Height Datum AHD</td><td>Approved</td><td>AT</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></tr></table>	Scales 1:50	Drawn	LM	Designed	LM	Grid MGA2020	Checked	AT	Height Datum AHD	Approved	AT	 THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			<table><tr><td rowspan="2">Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</td><td rowspan="2">Title TYPICAL ROAD SECTIONS SHEET 1</td></tr><tr></tr></table>	Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Title TYPICAL ROAD SECTIONS SHEET 1	<table><tr><td colspan="2">Civil Engineers and Project Managers</td></tr><tr><td colspan="2"><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>Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</td><td>A1</td></tr><tr><td>Project - Drawing No. 20-748-C5010</td><td>Issue E</td></tr></table>	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>		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1	Project - Drawing No. 20-748-C5010	Issue E
Scales 1:50	Drawn	LM																															
	Designed	LM																															
Grid MGA2020	Checked	AT																															
Height Datum AHD	Approved	AT																															
 THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L																																	
Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Title TYPICAL ROAD SECTIONS SHEET 1																																
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>																																	
Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1																																
Project - Drawing No. 20-748-C5010	Issue E																																
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24																															
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23																															
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23																															
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23																															
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22																															
Issue	Description	Date																															



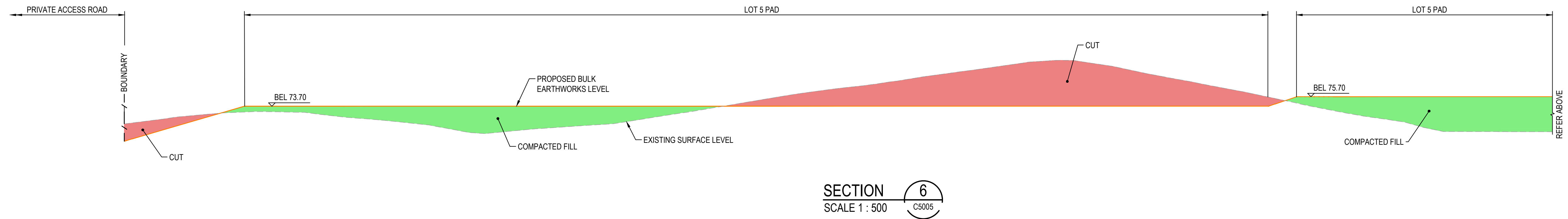
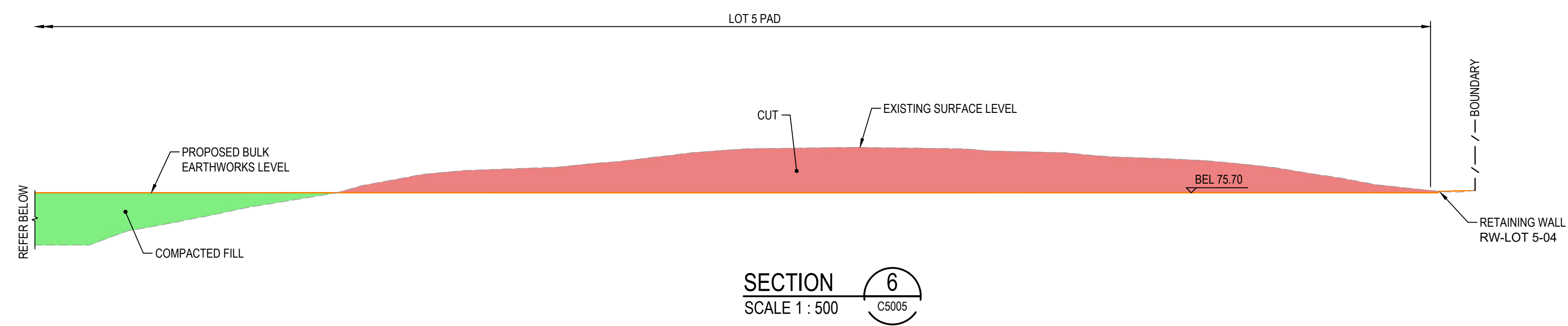
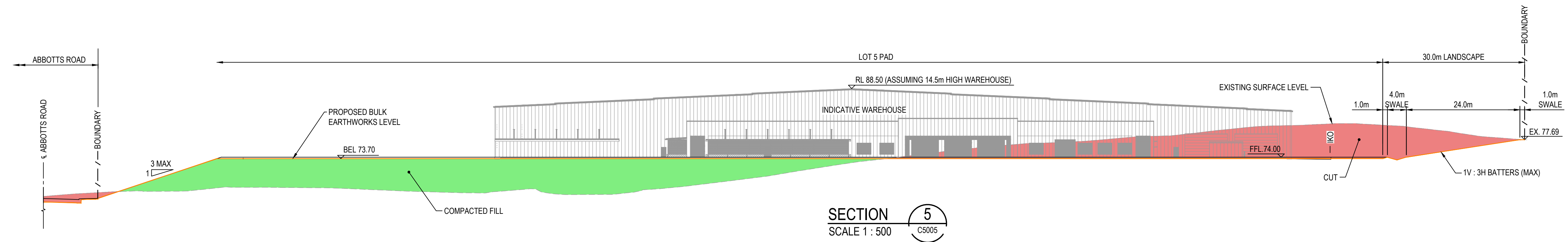
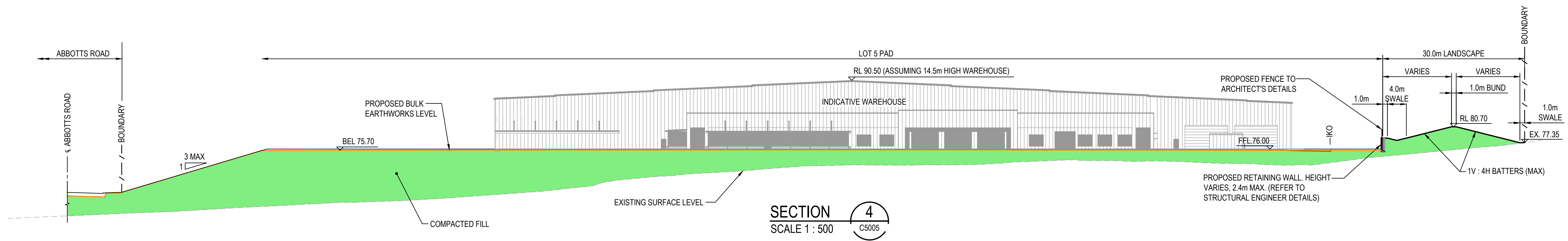
Issue	Description	Date
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22






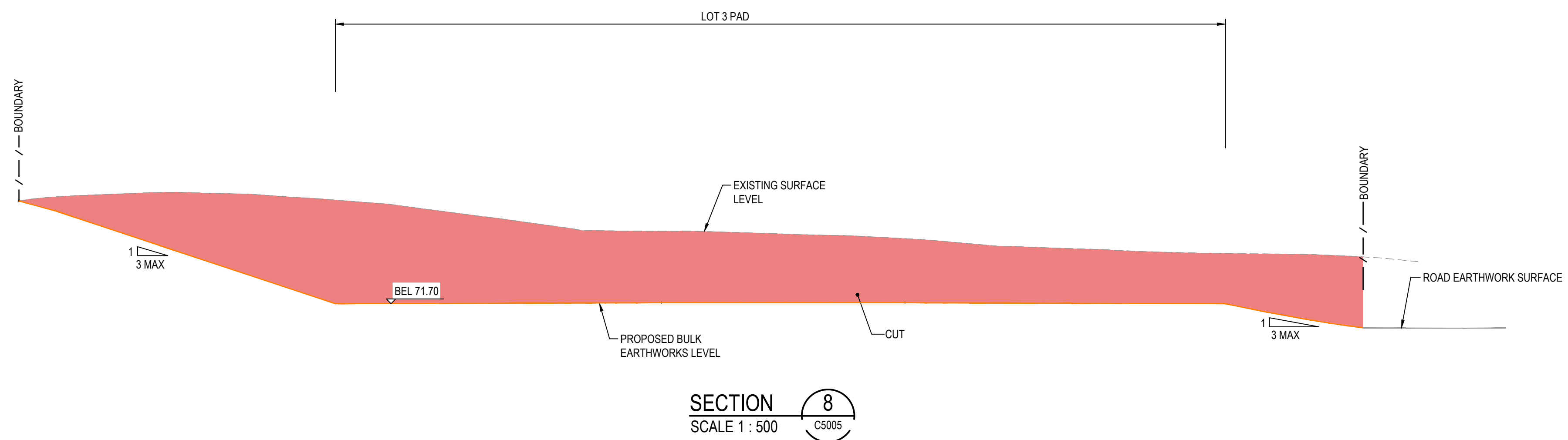
Scales	1:500	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
GDA2020			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

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

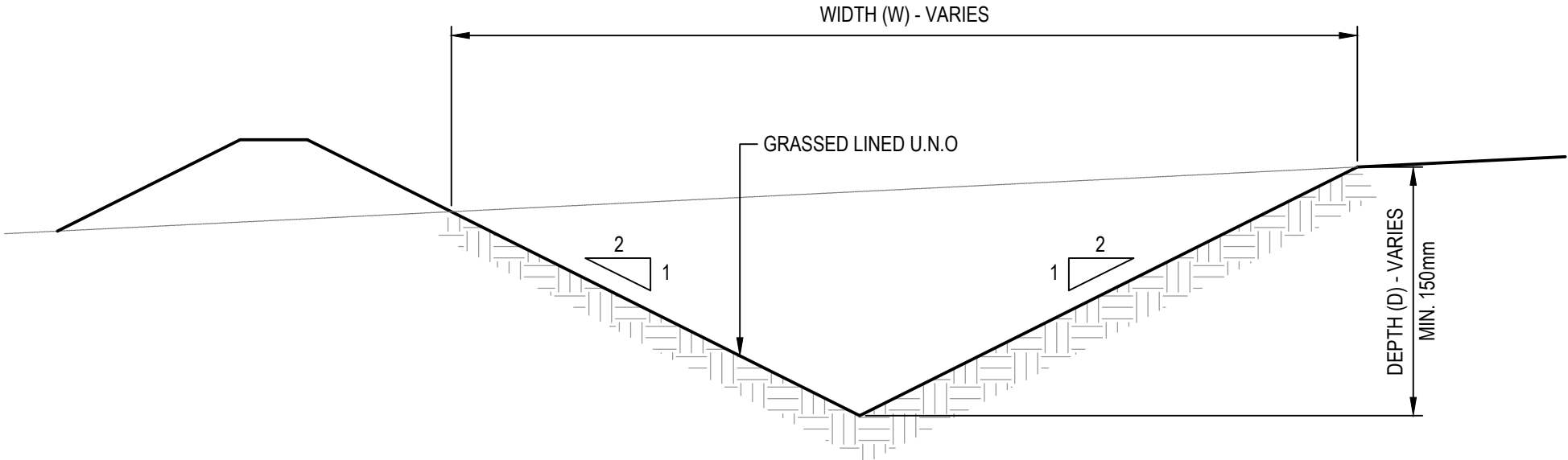
Civil Engineers and Project Managers	
at&l	
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
Status	FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION	
Project - Drawing No.	20-748-C5012
Issue	E



			Bar Scales		Client	<div></div>	Scales		Drawn		Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers			
			<div> 1 : 500 @ A1 1 : 1000 @ A3</div>				1:500		LM			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			
E	ISSUED FOR DEVELOPMENT APPLICATION		15-08-24		<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&I</div>	Grid	MGA2020	Checked	AT	Title TYPICAL SITE SECTIONS SHEET 2	Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1			
D	ISSUED FOR DEVELOPMENT APPLICATION		27-09-23			Height Datum	AHD	Approved	AT						
C	ISSUED FOR DEVELOPMENT APPLICATION		12-09-23												
B	ISSUED FOR DEVELOPMENT APPLICATION		23-02-23												
A	ISSUED FOR DEVELOPMENT APPLICATION		25-10-22												
Issue	Description		Date												

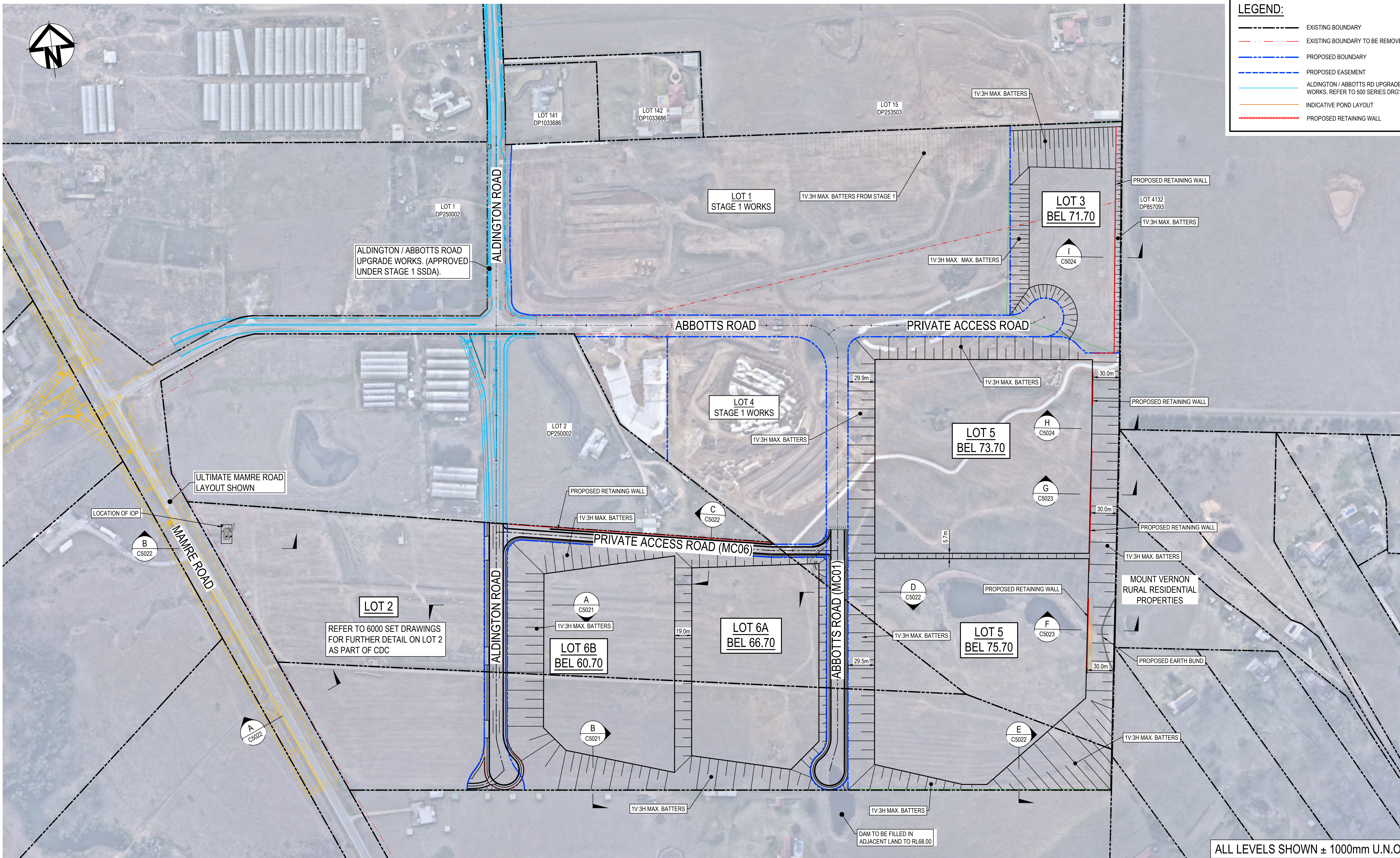
[illegible]

F:\20-748 ESR Mamre\6.0 Drqs\Civil\Final\SSDA\5000 INFRASTRUCTURE STAGE 2 SSDA\20-748-C5014.dwg



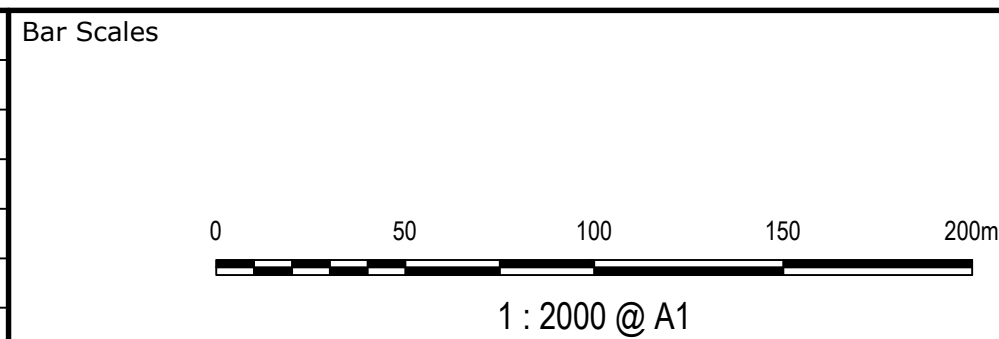
CATCH DRAIN DETAIL
SCALE 1:10

			Bar Scales	<div><div><div>01002004006008001000mm</div><div>1 : 10 @ A1 1 : 20 @ A3</div></div></div>	<div><div><div></div><div>ESR</div></div></div>	Client	<div><div><div>Scales</div><div>AS SHOWN</div><div>GridMGA2020</div><div>Height DatumAHD</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></div></div></div>	<div><div><div>Drawn</div><div>LM</div></div><div><div>Designed</div><div>LM</div></div><div><div>Checked</div><div>AT</div></div><div><div>Approved</div><div>AT</div></div></div>	Project <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</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>														
Title														
Status <div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div>								A1						
Project - Drawing No. 20-748-C5016								Issue D						
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23									Title <div>TYPICAL DETAILS SHEET 1</div>			
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23												
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23												
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22												
Issue	Description	Date												



ALL LEVELS SHOWN ± 1000mm U.N.O

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



Client

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

Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

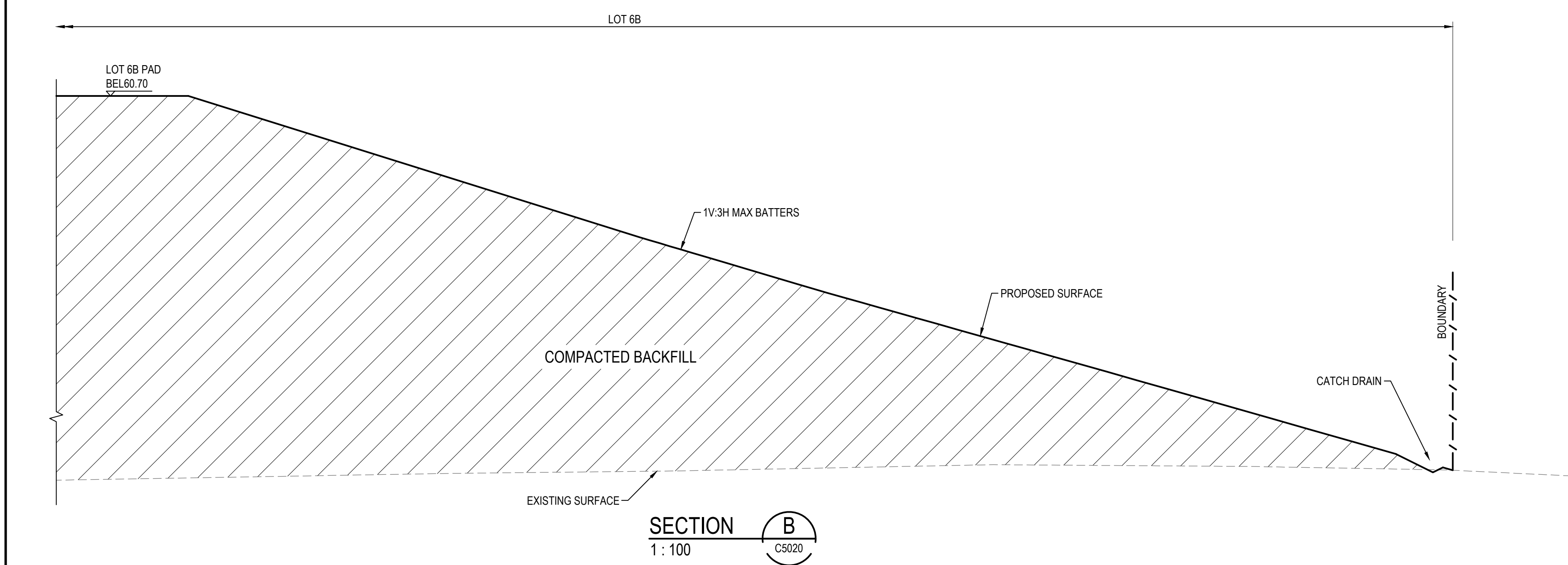
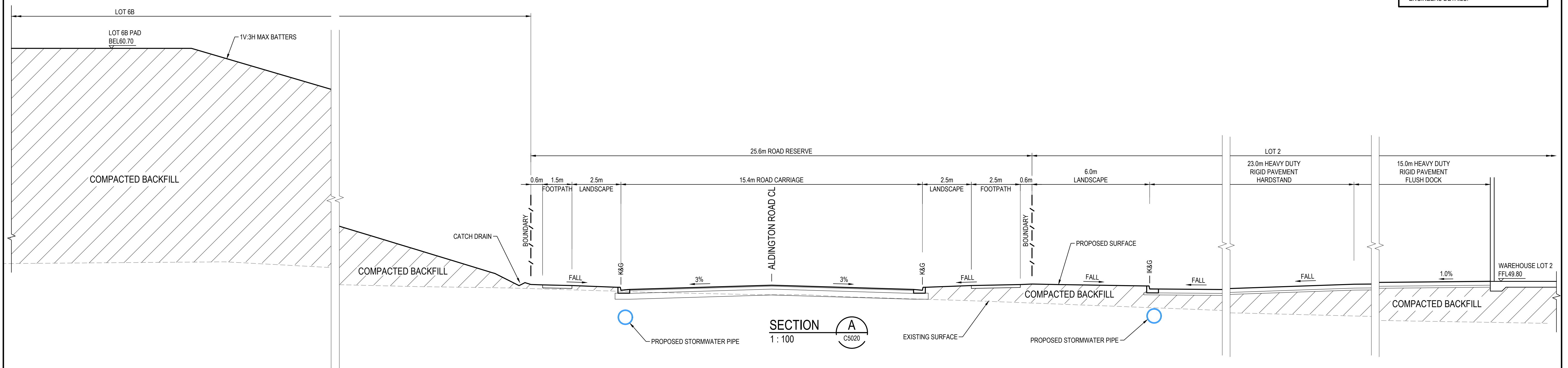
BOUNDARY INTERFACE PLAN




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

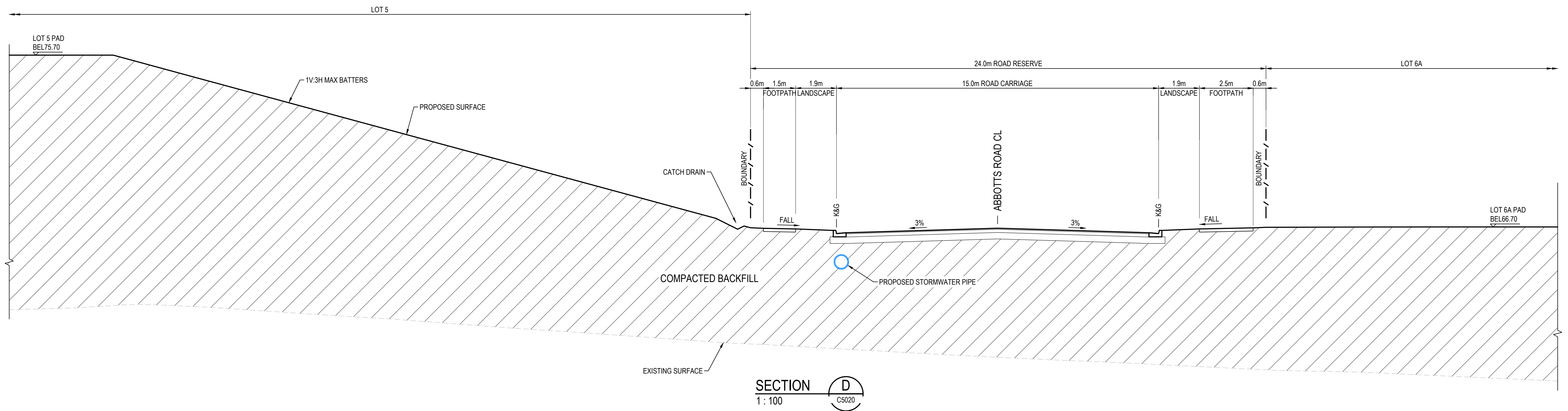
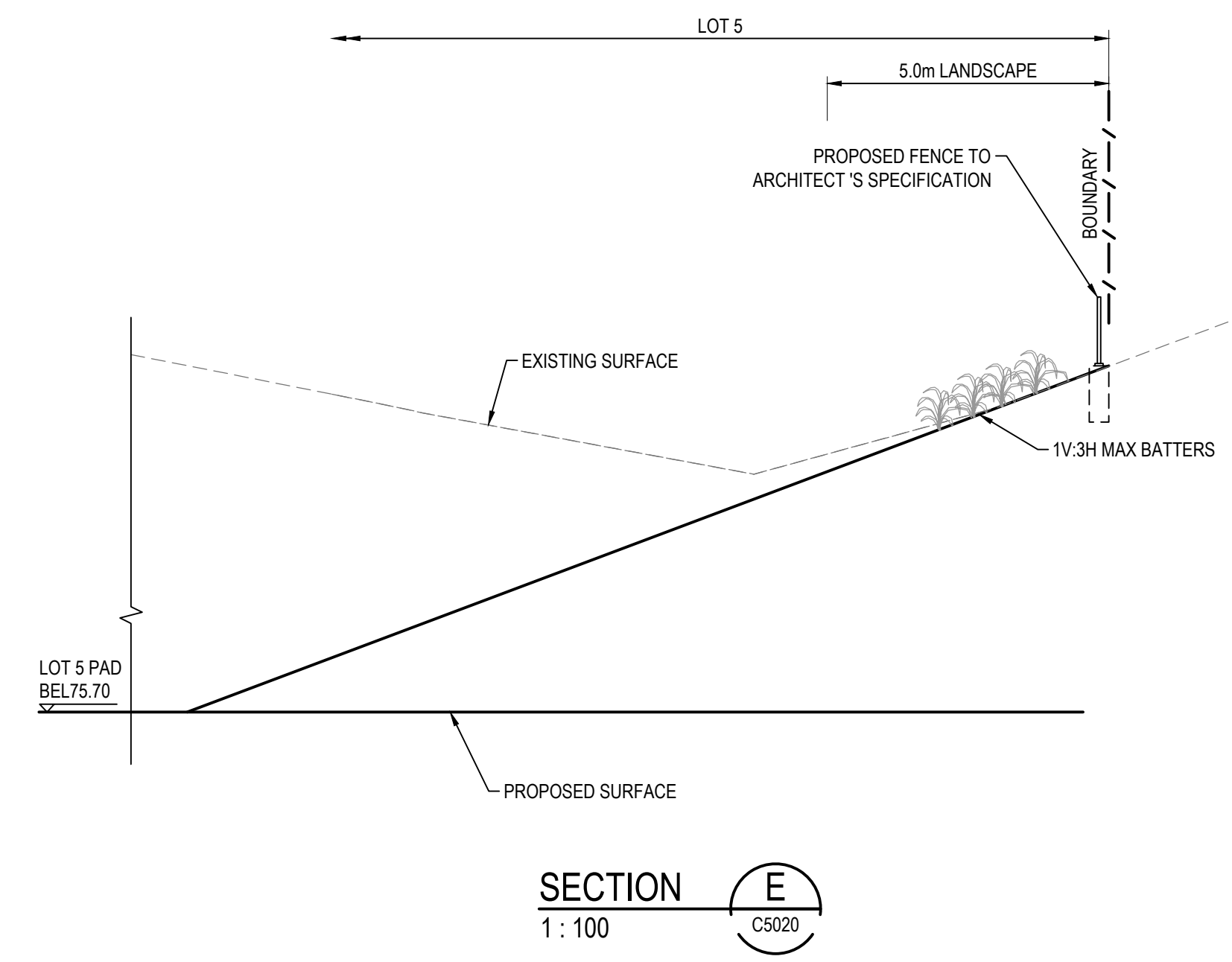
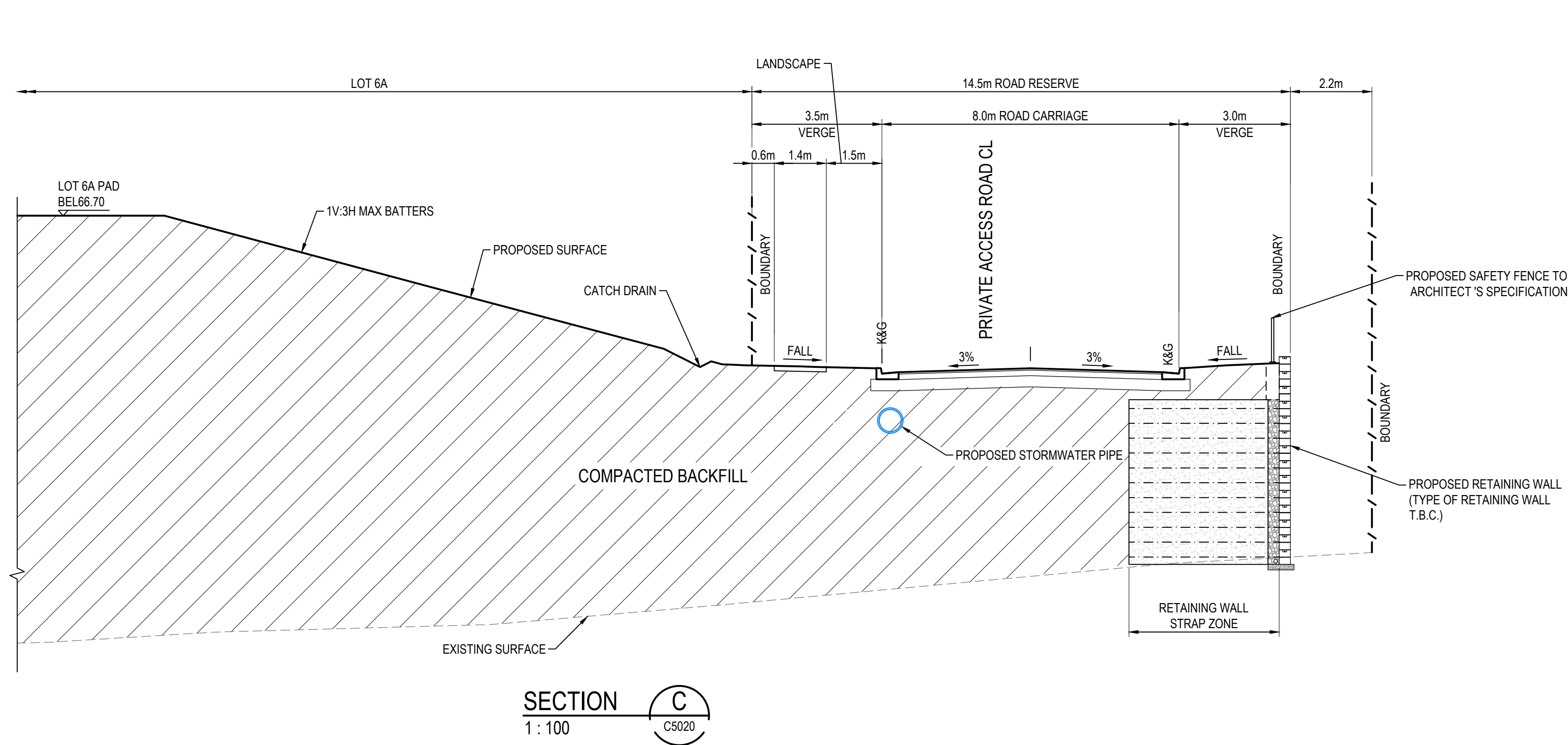
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5020	Issue F





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

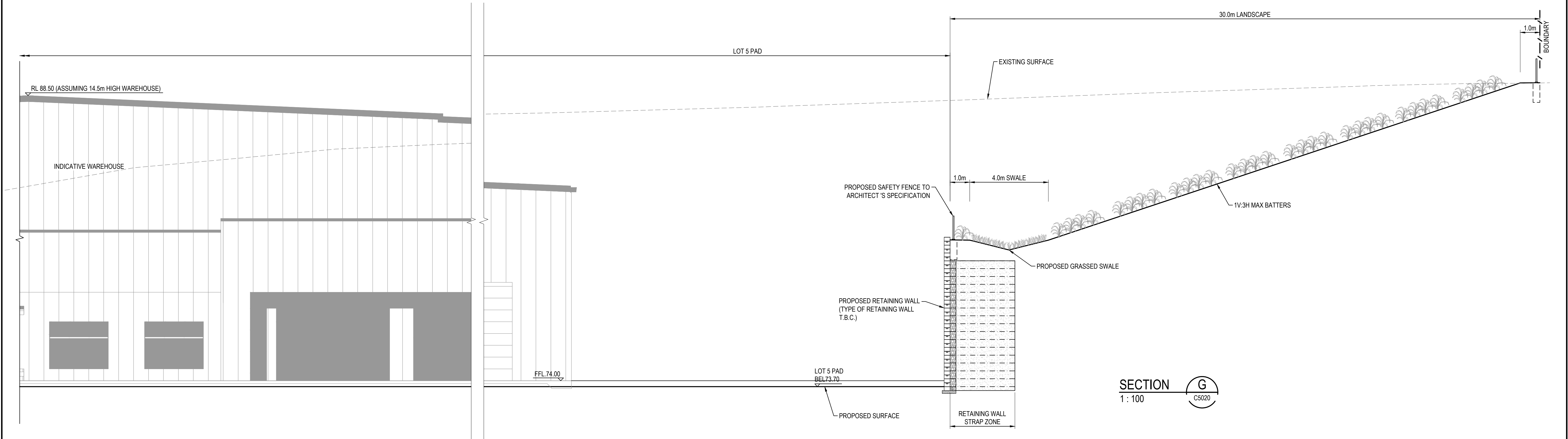
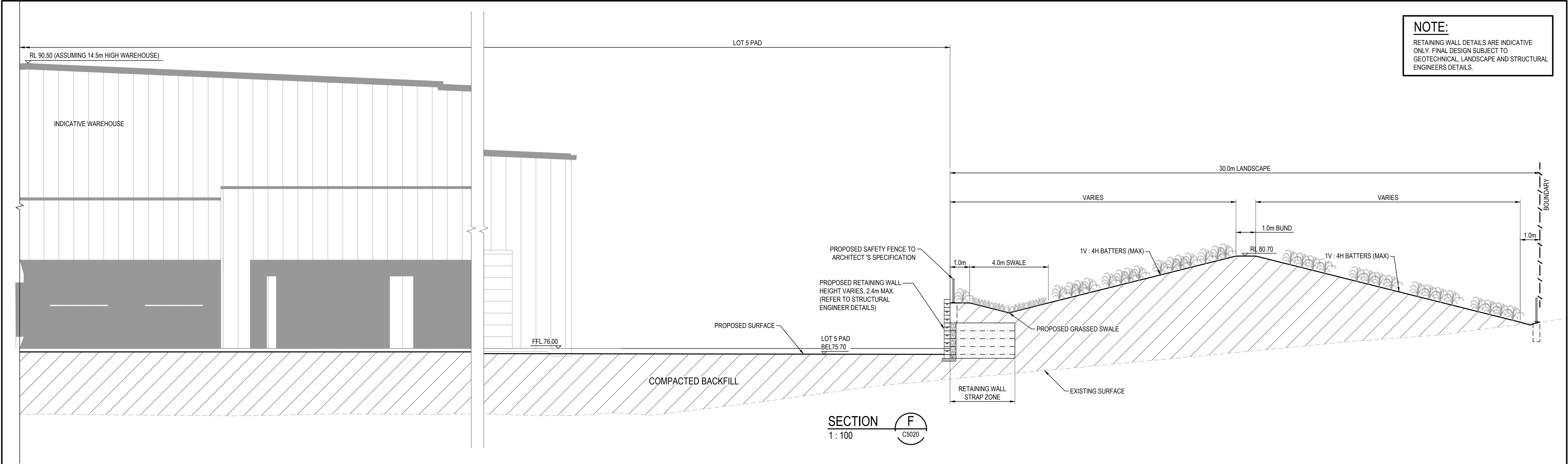


			Bar Scales		Client		Scales 1 : 100	Drawn LM	Project PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers  <div>Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au</div>
										
					Height Datum AHD	Approved AT	Project - Drawing No. 20-748-C5021	Issue F		
									THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L	
Issue			Description		Date					
			</							

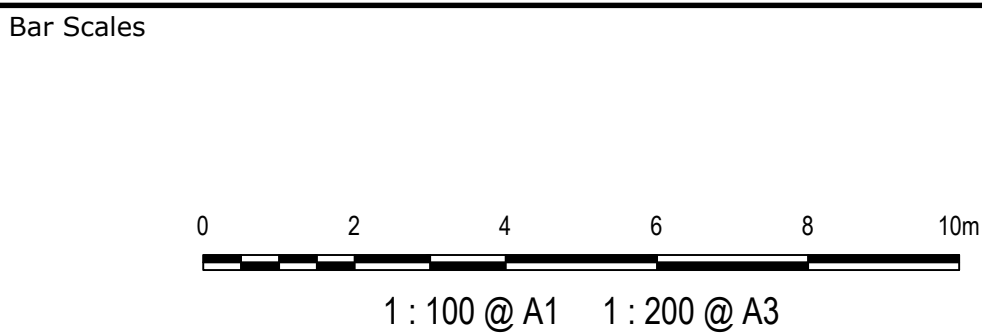
NOTE:
RETAINING WALL DETAILS ARE INDICATIVE ONLY. FINAL DESIGN SUBJECT TO GEOTECHNICAL, LANDSCAPE AND STRUCTURAL ENGINEERS DETAILS.



			Bar Scales				Client				Scales 1 : 100		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>			
			 <div>0 2 4 6 8 10m</div> <div>1 : 100 @ A1 1 : 200 @ A3</div>								Grid MGA2020		Checked AT							
											Height Datum AHD		Approved AT							
											 <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 BOUNDARY INTERFACE SECTIONS SHEET 2		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. 20-748-C5022		A1 Issue E	
E			ISSUED FOR DEVELOPMENT APPLICATION		15-08-24															
D			ISSUED FOR DEVELOPMENT APPLICATION		27-09-23															
C			ISSUED FOR DEVELOPMENT APPLICATION		12-09-23															
B			ISSUED FOR DEVELOPMENT APPLICATION		23-02-23															
A			ISSUED FOR DEVELOPMENT APPLICATION		25-10-22															
Issue			Description		Date															



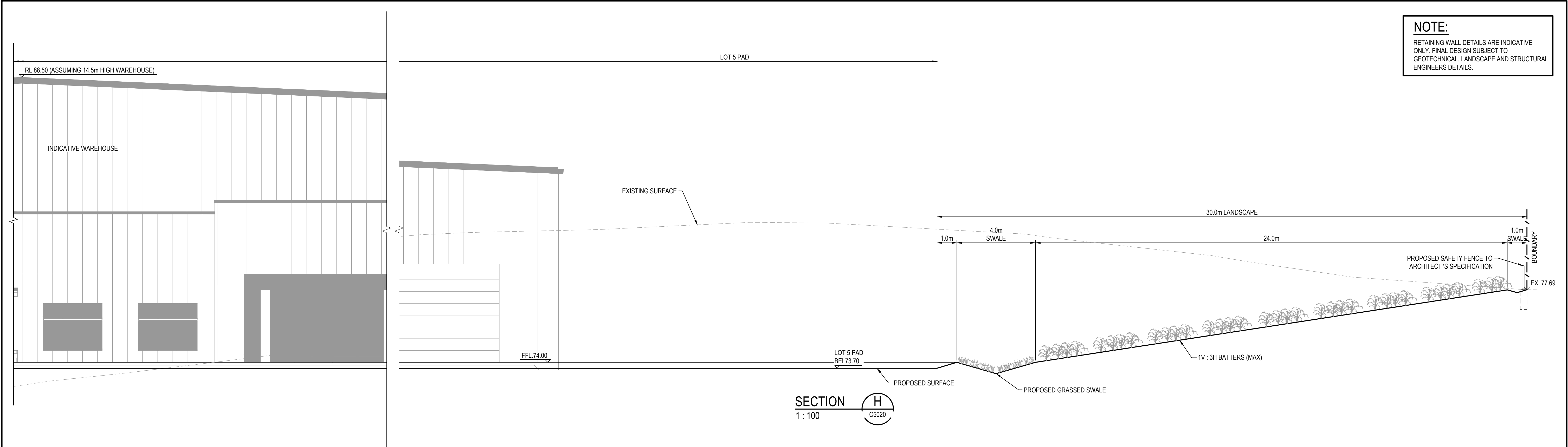
Issue	Description	Date
E	ISSUED FOR DEVELOPMENT APPLICATION	15-08-24
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



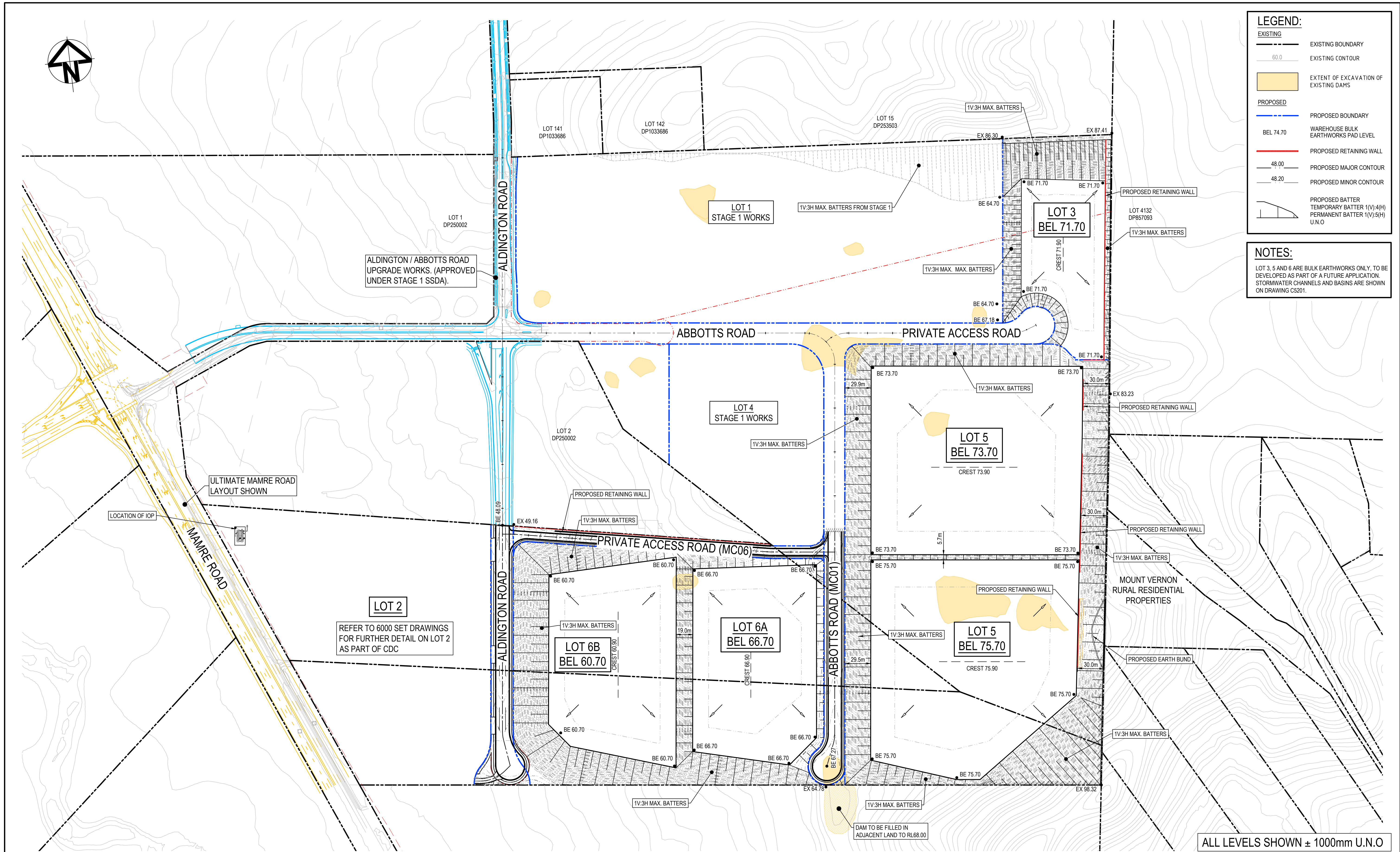
Scales	1 : 100	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

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

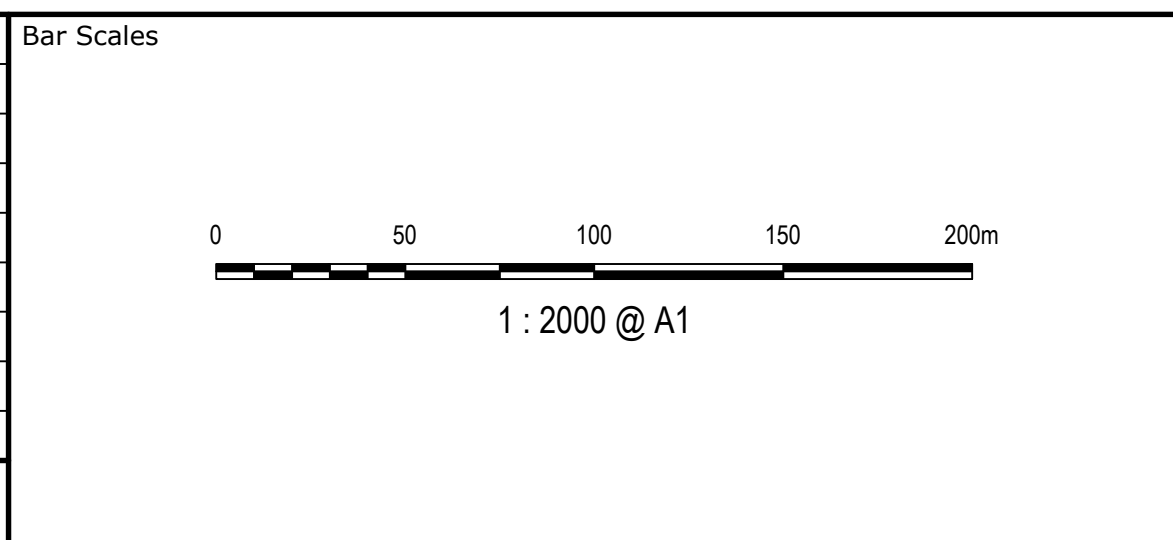
Civil Engineers and Project Managers		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5023	Issue E



			Bar Scales				Client		<div><div></div><div>ESR</div></div>		<div><div><div>Scales</div><div>1 : 100</div></div><div><div>Grid</div><div>MGA2020</div></div><div><div>Height Datum</div><div>AHD</div></div></div> <div><div><div><div></div><div>GDA2020</div></div><div>THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&I</div></div></div>		<div><div><div>Drawn</div><div>LM</div></div><div><div>Designed</div><div>LM</div></div><div><div>Checked</div><div>AT</div></div><div><div>Approved</div><div>AT</div></div></div>		<div><div><div>Project</div><div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div></div><div><div>Title</div><div>BOUNDARY INTERFACE SECTIONS SHEET 4</div></div></div>		<div><div><div>Civil Engineers and Project Managers</div><div><div>at&I</div><div>Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au</div></div></div><div><div><div>Status</div><div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div></div><div><div>Project - Drawing No.</div><div>20-748-C5024</div></div></div><div><div>A1</div><div>Issue</div><div>E</div></div></div>	
			<div><div>0246810m</div><div>1 : 100 @ A1 1 : 200 @ A3</div></div>															



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



Client

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

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

Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

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

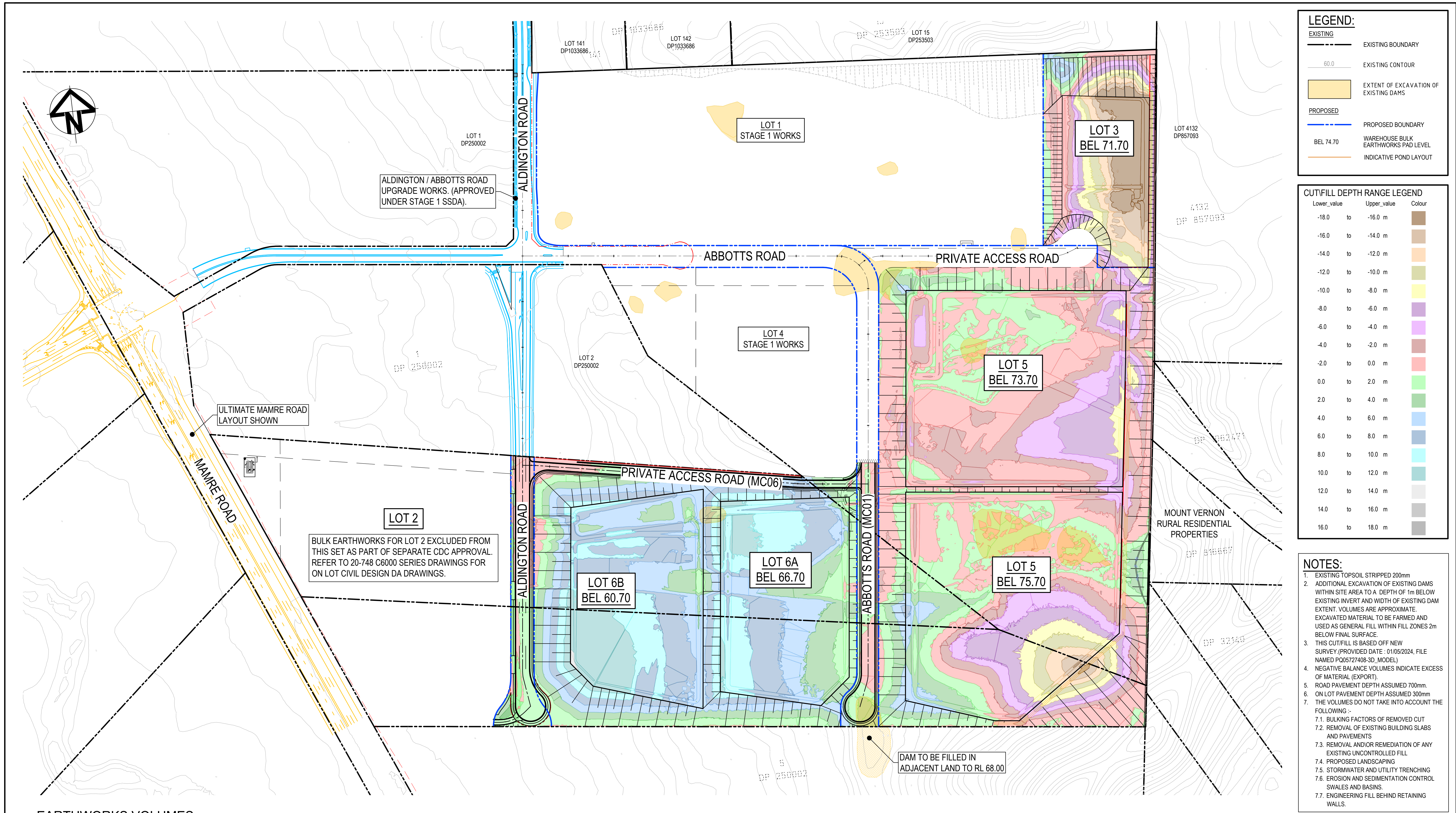
Project - Drawing No.

20-748-C5030

Issue

A1

F



LEGEND:

EXISTING

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

PROPOSED

- PROPOSED BOUNDARY
- WAREHOUSE BULK EARTHWORKS PAD LEVEL
- 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:**
- EXISTING TOPSOIL STRIPPED 200mm
 - 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.
 - THIS CUTFILL IS BASED OFF NEW SURVEY (PROVIDED DATE : 01/05/2024, FILE NAMED PQ05727408-3D_MODEL)
 - NEGATIVE BALANCE VOLUMES INDICATE EXCESS OF MATERIAL (EXPORT).
 - ROAD PAVEMENT DEPTH ASSUMED 700mm.
 - ON LOT PAVEMENT DEPTH ASSUMED 300mm
 - THE VOLUMES DO NOT TAKE INTO ACCOUNT THE FOLLOWING :-
 - BULKING FACTORS OF REMOVED CUT
 - REMOVAL OF EXISTING BUILDING SLABS AND PAVEMENTS
 - REMOVAL AND/OR REMEDIATION OF ANY EXISTING UNCONTROLLED FILL
 - PROPOSED LANDSCAPING
 - STORMWATER AND UTILITY TRENCHING
 - EROSION AND SEDIMENTATION CONTROL SWALES AND BASINS.
 - ENGINEERING FILL BEHIND RETAINING WALLS.

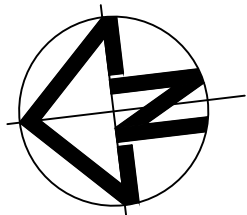
EARTHWORKS VOLUMES

A	B	C	D	E = C+D
EXISTING TOPSOIL STRIPPING VOLUME (cu.m) REFER NOTE No.1	EXCAVATION OF EXISTING CREEKS AND DAMS (cu.m) REFER NOTE No.2	NET CUT (cu.m)	NET FILL (cu.m)	BALANCE (cu.m)
-58,560	-10,467	-597,950	+651,890	+53,940 (IMPORT)

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

ALL LEVELS SHOWN ± 1000mm U.N.O

<div>Bar Scales</div> <div>0 50 100 150 200m</div> <div>1 : 2000 @ A1</div>			<div>Client</div> <div>ESR</div>		<div>Scales</div> <div>1 : 2000</div> <div>Grid MGA2020</div> <div>Height Datum AHD</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&I</div>		<div>Drawn</div> <div>LM</div> <div>Designed</div> <div>LM</div> <div>Checked</div> <div>AT</div> <div>Approved</div> <div>AT</div>		<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div> <div>BULK EARTHWORKS CUTFILL PLAN</div>		<div>Civil Engineers and Project Managers</div> <div>at&i</div> <div>Level 7, 153 Walker Street North Sydney NSW 2060</div> <div>ABN 96 130 882 405</div> <div>Tel: 02 9439 1777</div> <div>Fax: 02 9923 1055</div> <div>www.atl.net.au</div> <div>info@atl.net.au</div>	
<div>Issue</div> <div>Description</div> <div>Date</div>									<div>Status</div> <div>FOR APPROVAL</div> <div>NOT TO BE USED FOR CONSTRUCTION</div> <div>Project - Drawing No.</div> <div>20-748-C5033</div>		<div>A1</div> <div>Issue</div> <div>F</div>	



LOT 5
BEL 75.70

REFER EROSION & SEDIMENT DRAWINGS FOR
STORMWATER DRAINAGE OF LOT 5 & 6

AS BUILT ROAD

STAGE 2 TO TIE INTO STAGE 1
WITH SAW CUT DETAIL.

INTERIM GRATED PIT TO CAPTURE
BULK SURFACE BATTER FLOWS

LIMIT OF WORKS

ABBOTTS ROAD (MC01)

000'0

EXISTING V.C. TO BE RE-BUILT TO MATCH
NEW ROAD EXTENSION.

LOT 4
STAGE 1 WORKS

PRIVATE ACCESS ROAD
(MC06)

EXISTING CUL-DE-SAC CONSTRUCTED AS
PART OF STAGE 1 TO BE DEMOLISHED. TIE
NEW PAVEMENT LEVELS INTO EXISTING.

LOT 6
BEL 66.70

FOR CONTINUATION REFER TO DRAWING C5042

LEGEND:

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

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

PAVEMENT LEGEND:

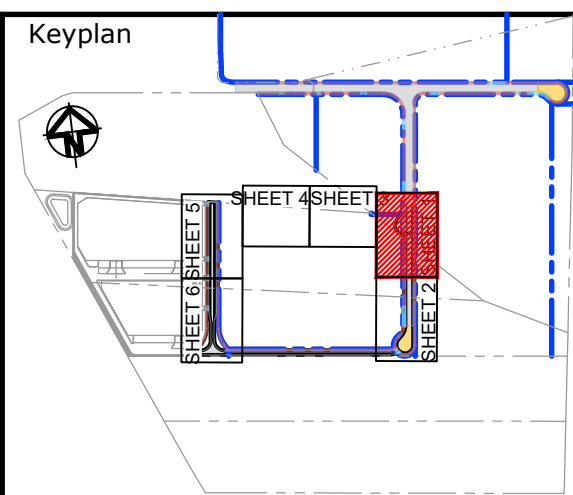
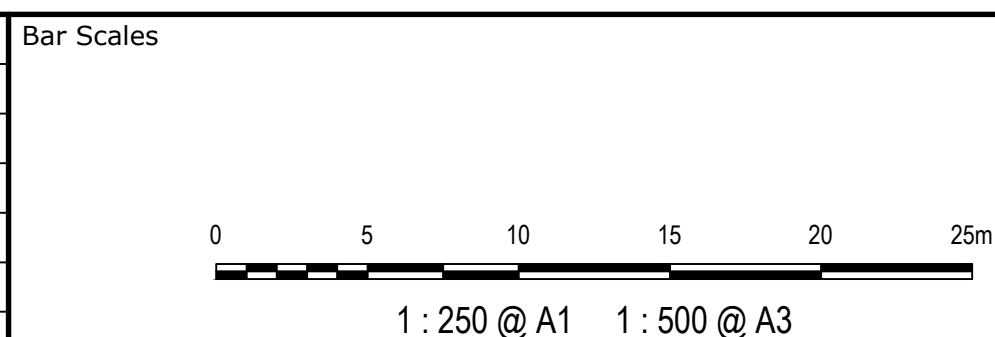
- PROPOSED INDUSTRIAL ROAD
 - 70mm THICKNESS AC14 (C320) ON
 - 7mm THICKNESS PRIME SEAL ON
 - 150mm THICKNESS BASECOURSE (DGB20) ON
 - 175mm THICKNESS SUB-BASECOURSE (DGS40) ON
 - 300mm THICKNESS SELECT SANDSTONE FILL (CBR 35%) ON
 - COMPACTED SUBGRADE MIN CBR 3%
- CUL-DE-SAC AND ROUNDABOUT PAVEMENT
 - 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)

AS BUILT ROAD

NOTE:

- REFER TO DRAWING SET 20-748 6000 SERIES SET FOR LOT 3, 5 & 6 ON LOT DRAINAGE.

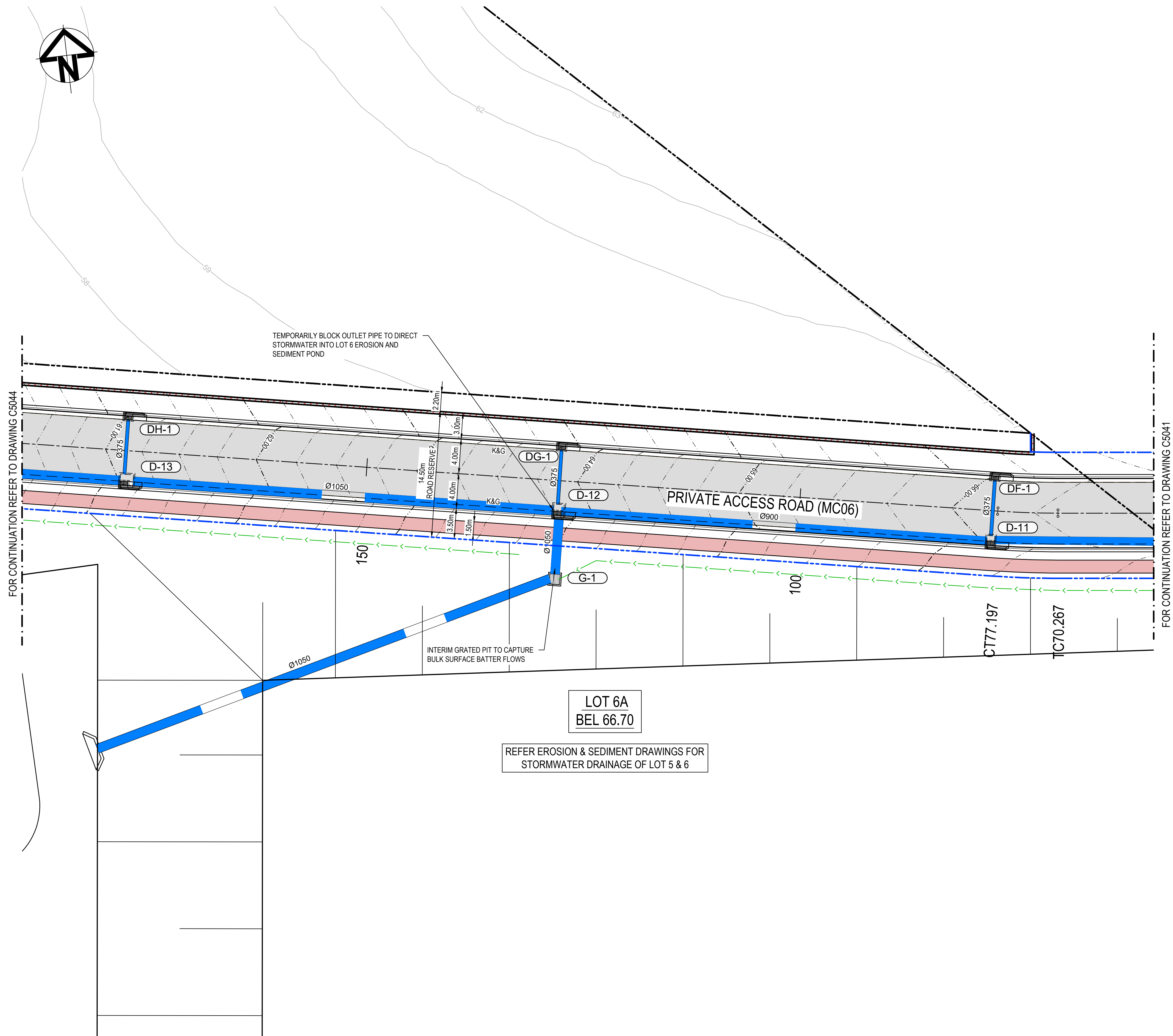
Issue	Description	Date
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



Scales	1 : 250	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
GDA2020			
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	
at&l	
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
Status	FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION	
Project - Drawing No.	A1
20-748-C5041	Issue D



LEGEND:

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

ALL LEVELS ARE ±1000mm U.N.O

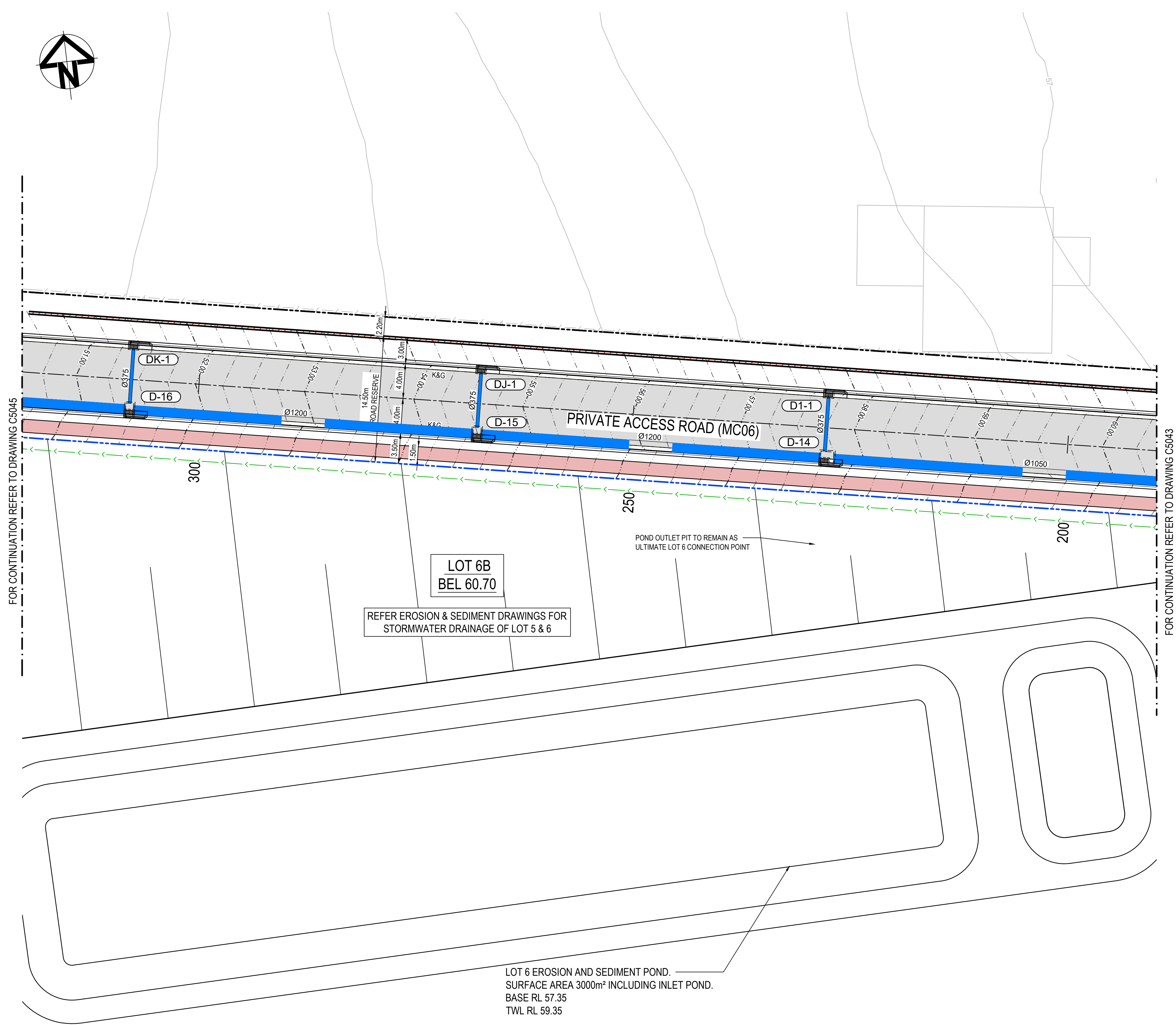
PAVEMENT LEGEND:

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

NOTE:

1. REFER TO DRAWING SET 20-748 6000 SERIES SET FOR LOT 3, 5 & 6 ON LOT DRAINAGE.

		Bar Scales		Keyplan		Client		Scales		Drawn		Project		Civil Engineers and Project Managers	
		0 5 10 15 20 25m						1 : 250		LM		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
		1 : 250 @ A1 1 : 500 @ A3						Grid MGA2020		Designed LM					
								Height Datum AHD		Checked AT					
								GDA2020		Approved AT					
								THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L				ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 3		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	
														Project - Drawing No. 20-748-C5043	
														Issue D	
D ISSUED FOR DEVELOPMENT APPLICATION 27-09-23															
C ISSUED FOR DEVELOPMENT APPLICATION 12-09-23															
B ISSUED FOR DEVELOPMENT APPLICATION 23-02-23															
A ISSUED FOR DEVELOPMENT APPLICATION 25-10-22															
Issue Description Date															



LEGEND:

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

ALL LEVELS ARE ±1000mm U.N.O

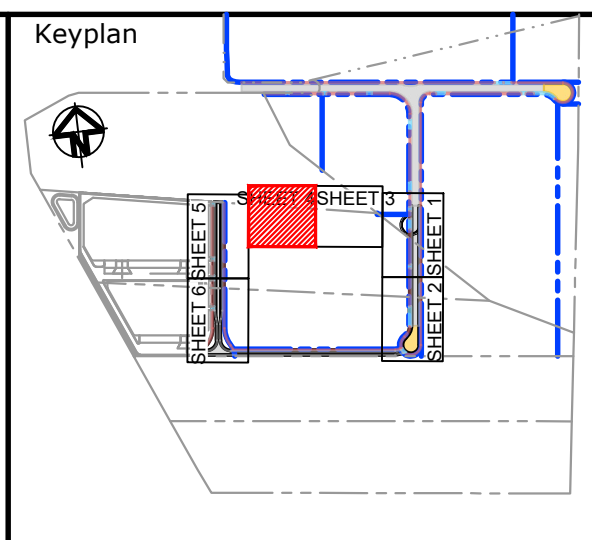
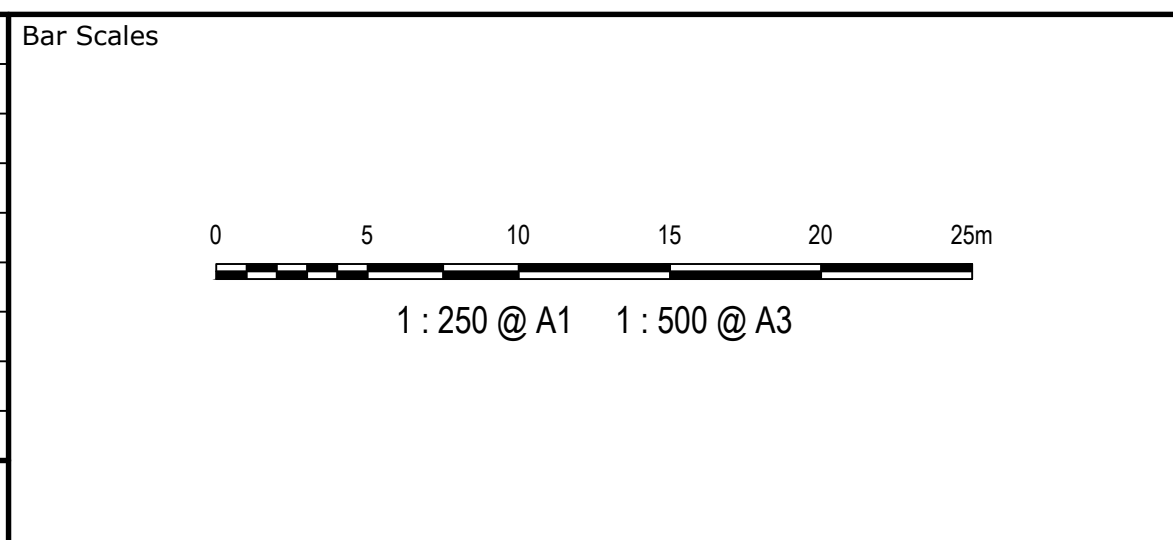
PAVEMENT LEGEND:

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

NOTE:

- REFER TO DRAWING SET 20-748 6000 SERIES SET FOR LOT 3, 5 & 6 ON LOT DRAINAGE.

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



Client

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

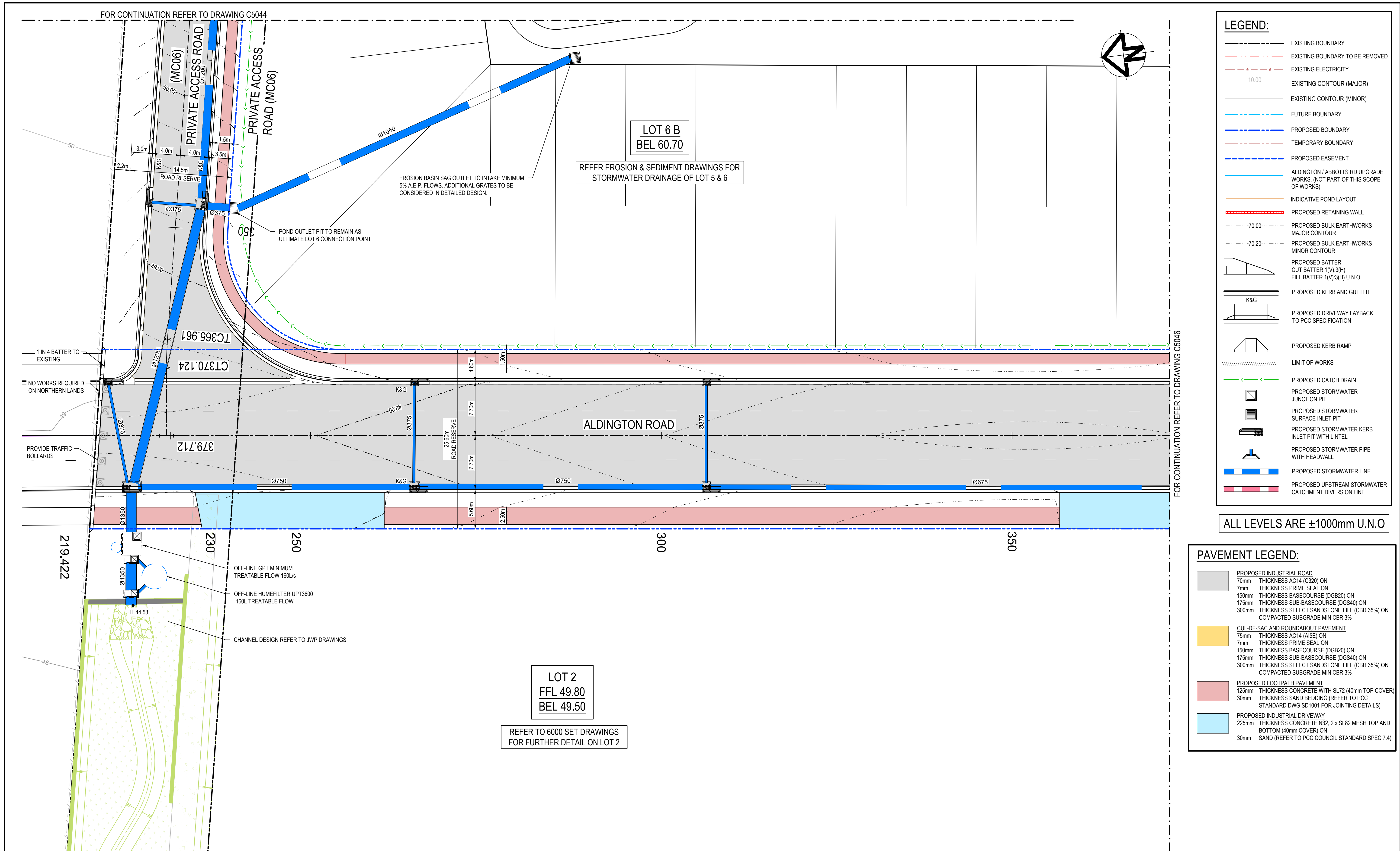
Title

ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 4

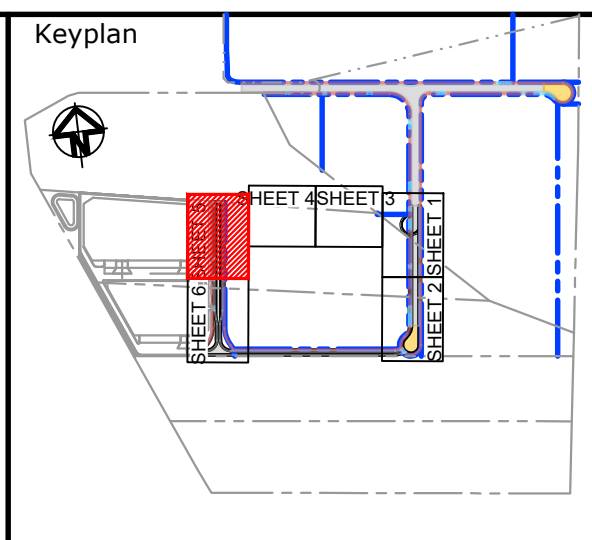
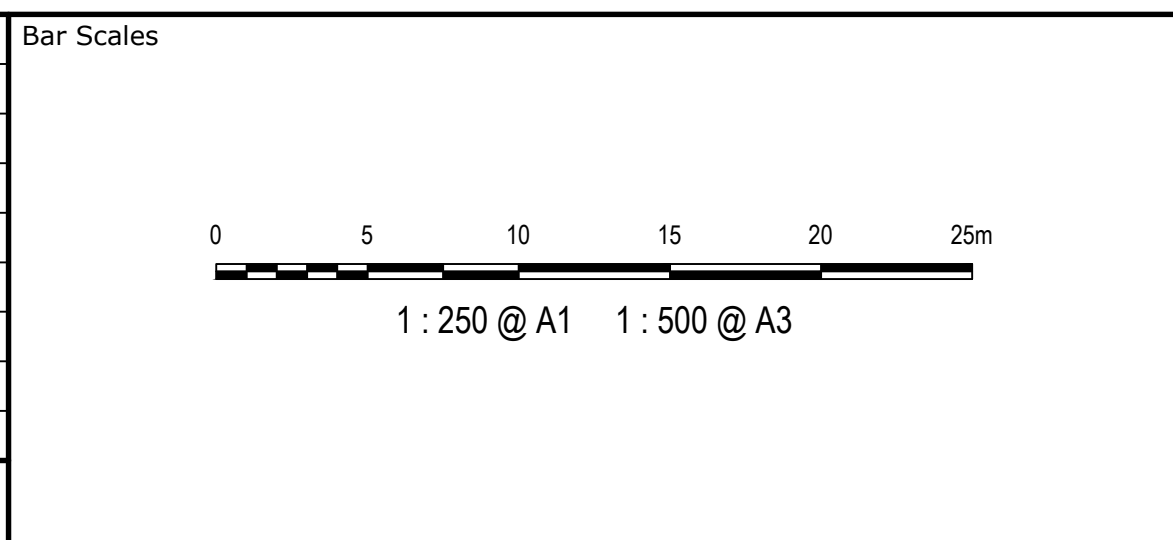
Civil Engineers and Project Managers

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	A1
Project - Drawing No.	20-748-C5044	
Issue	D	



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

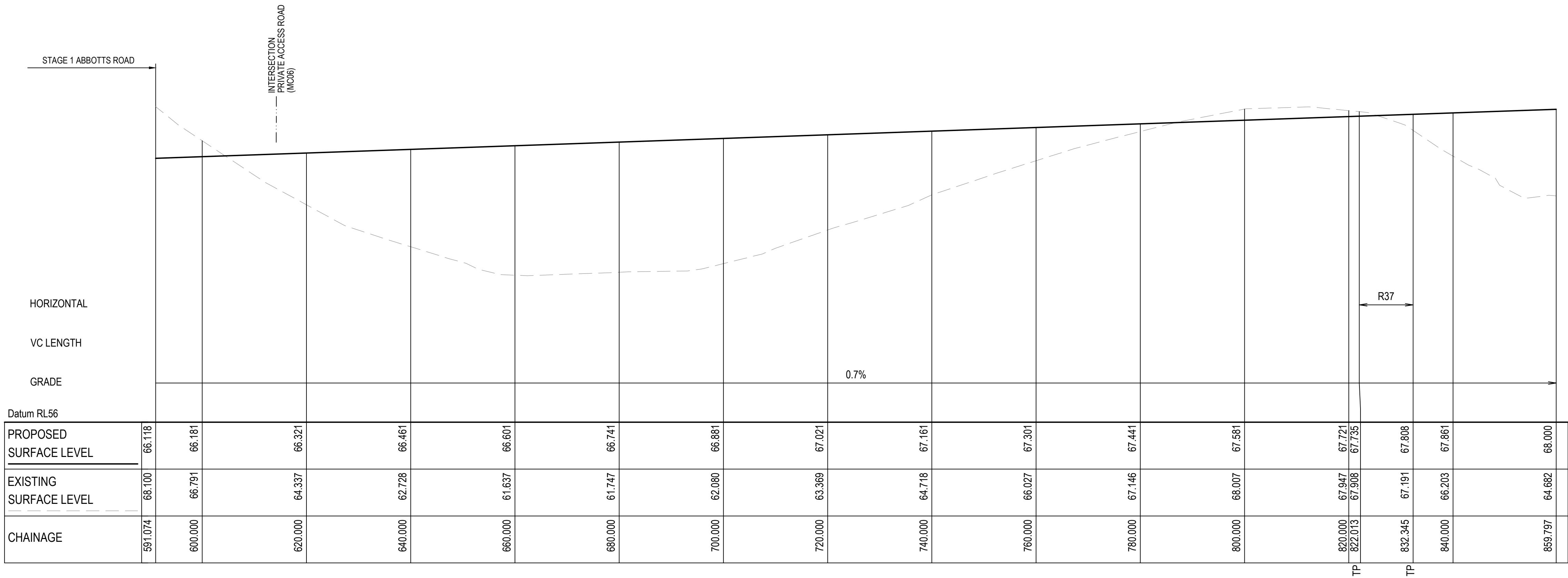


Scales	1 : 250	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT

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 5

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



ABBOTTS ROAD (MC01) LONGITUDINAL SECTION

SCALE 1:500 HORIZONTAL
1:100 VERTICAL

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

100mm on Original

Bar Scales


0246810m

1 : 100 @ A1 1 : 200 @ A3

01020304050m

1 : 500 @ A1 1 : 1000 @ A3


Client



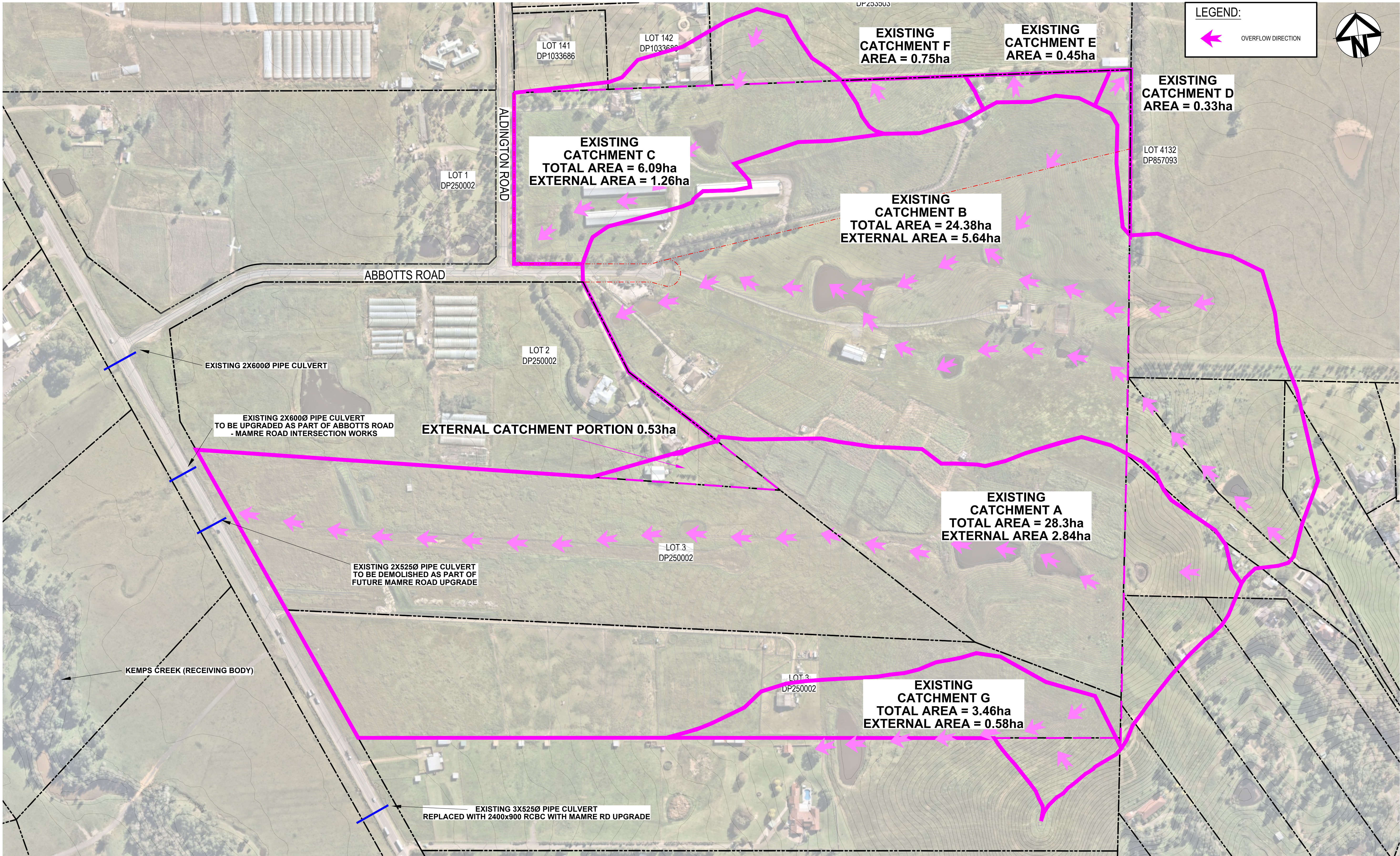
Scales	1 : 100 V	1 : 500 H
	Drawn	LM
Grid	MGA2020	Designed
	Height Datum	AHD
GDA2020	Checked	AT
	Approved	AT

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

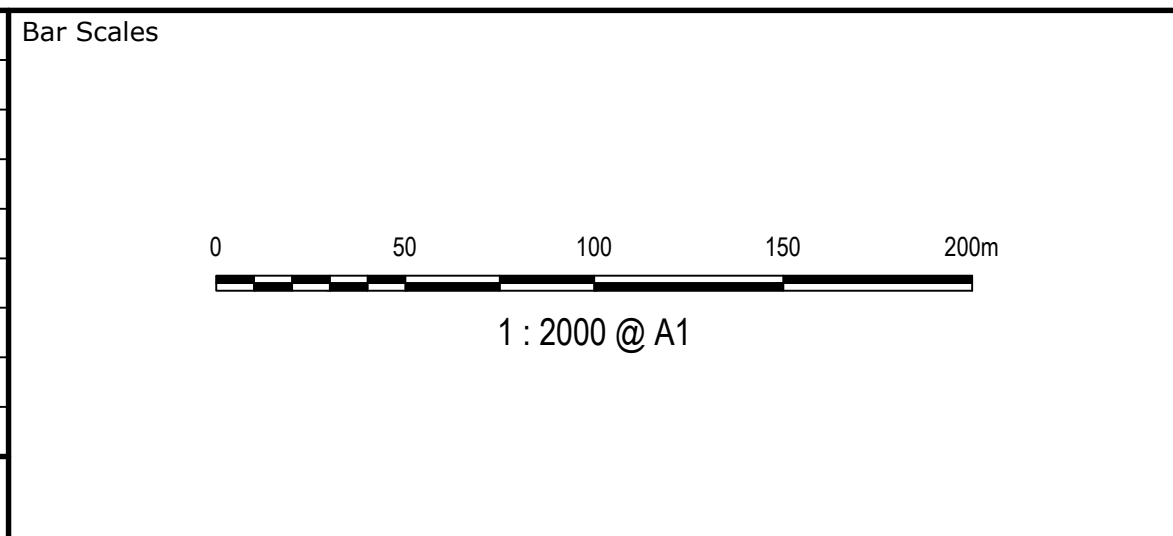
Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	ABBOTTS ROAD (MC01) LONGITUDINAL SECTION SHEET 1

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-C5050
Issue	D

[illegible]



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



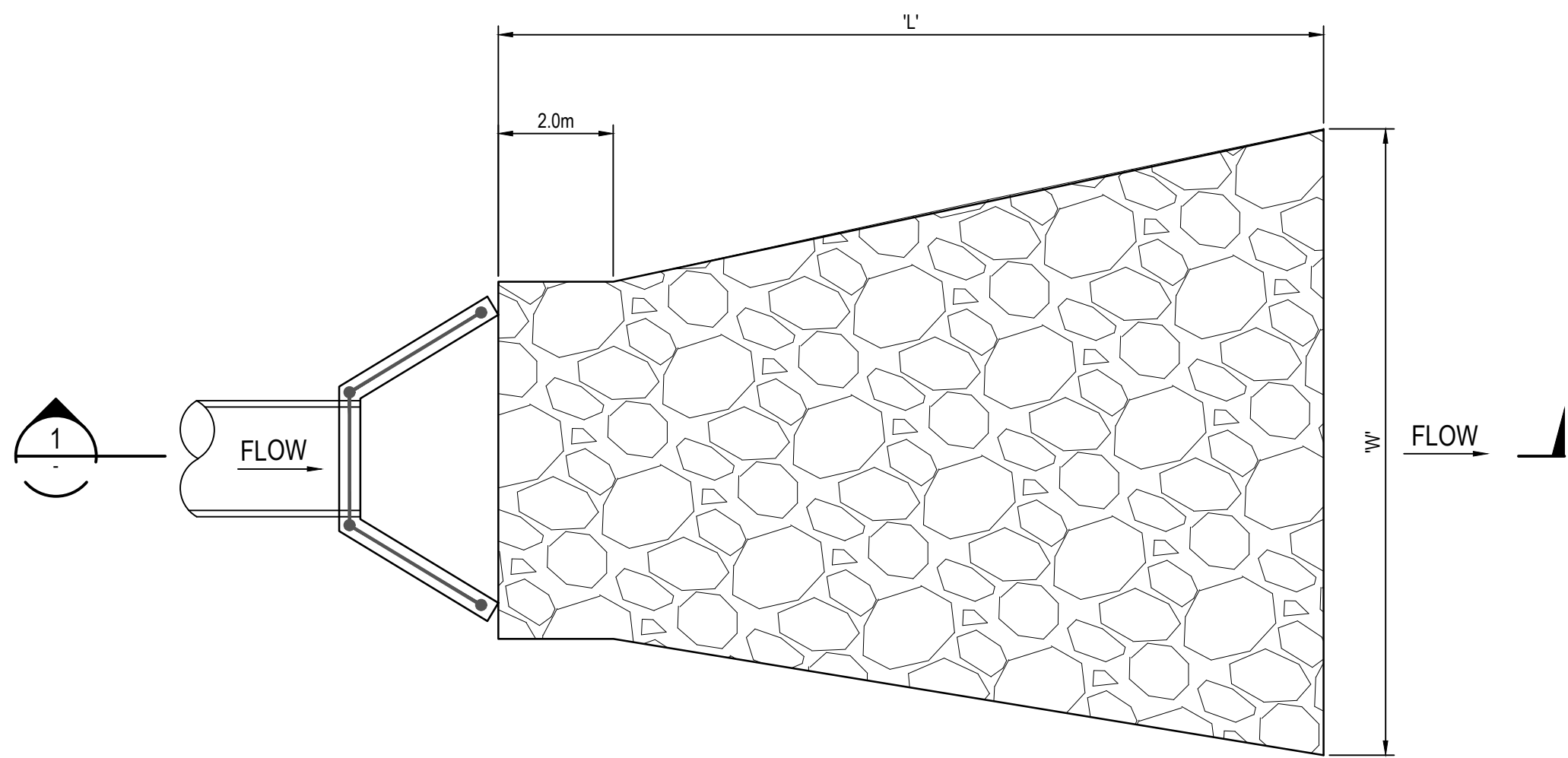
Client



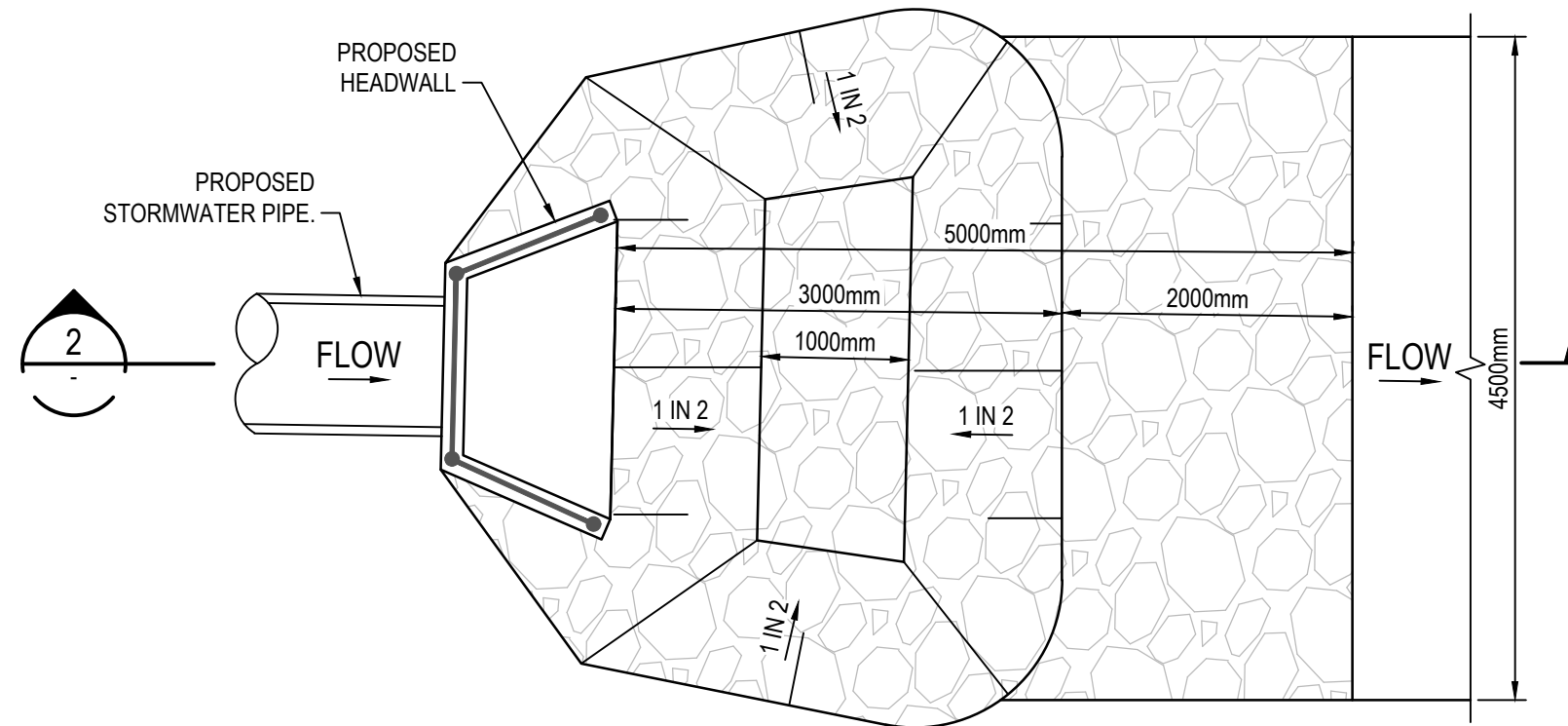
Scales	1 : 2000	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	STORMWATER DRAINAGE CATCHMENT PLAN (PRE-DEVELOPED)

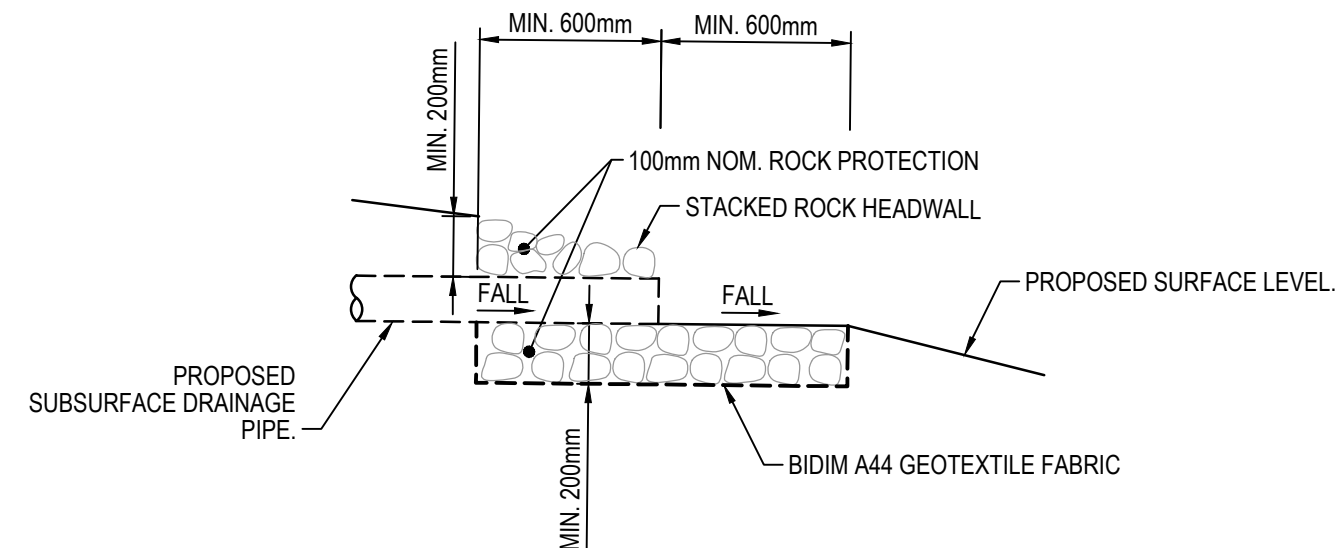
Civil Engineers and Project Managers		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5061	Issue D



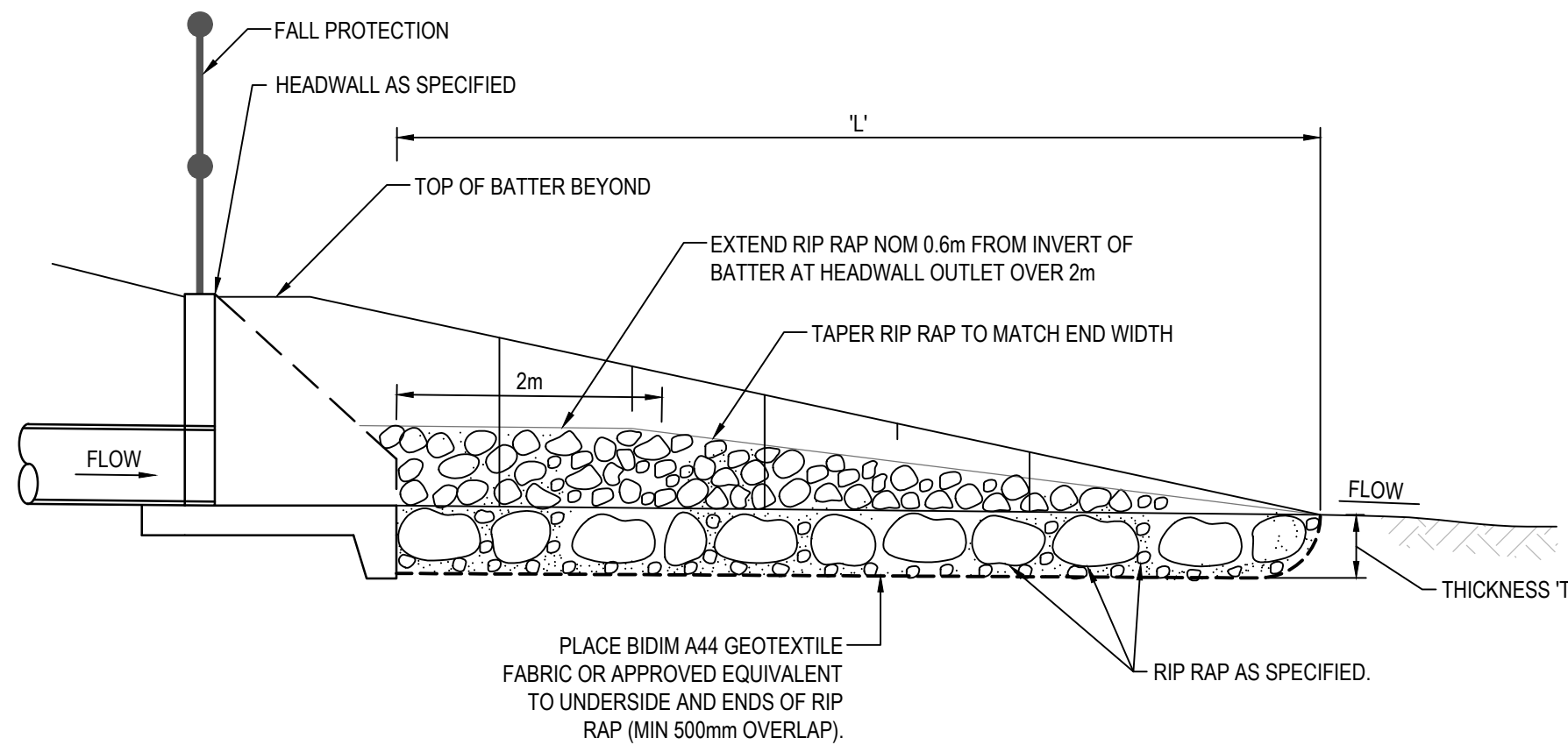
RIP RAP OUTLET PROTECTION
TYPE 1 DETAIL
1 : 100



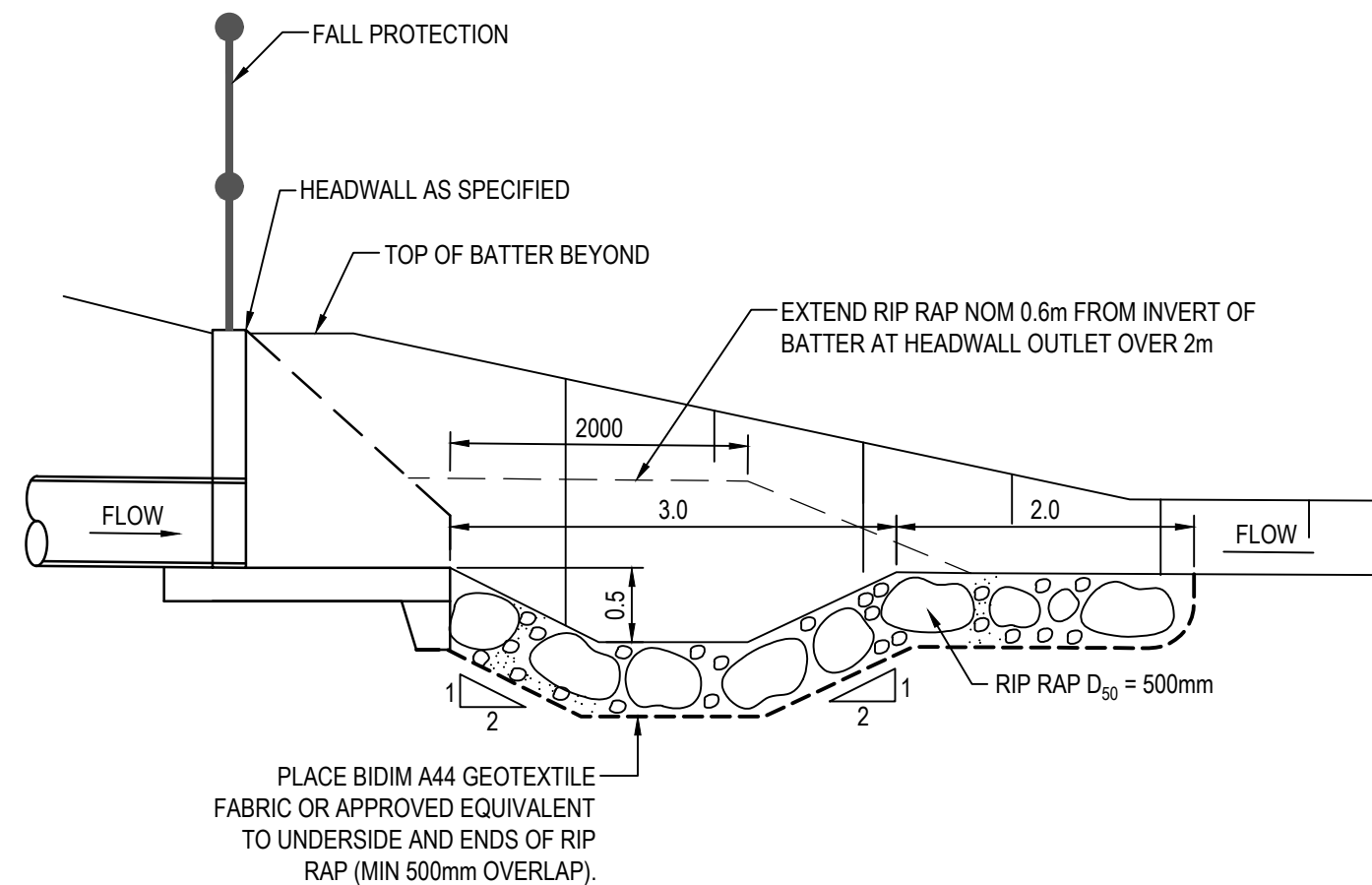
RIP RAP ENERGY DISSIPATER
DETAIL
1 : 50



SUBSURFACE DRAINAGE TAILOUT DETAIL
1 : 25



SECTION 1
NTS

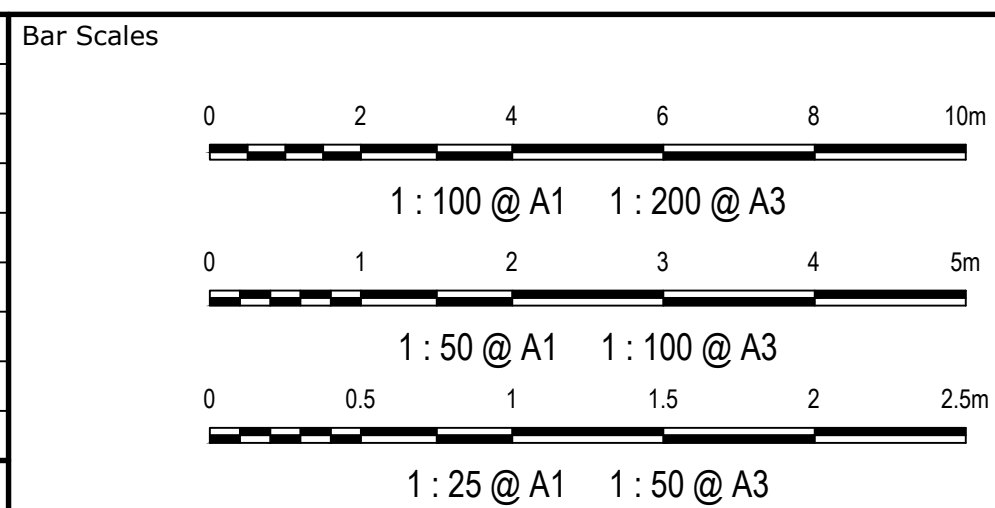


SECTION 2
NTS

ROCK 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%

ROCK GRADATION TABLE

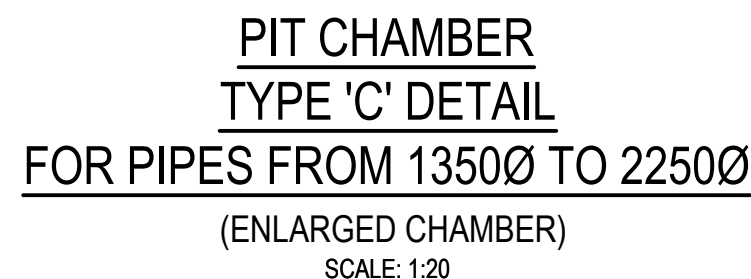
Issue	Description	Date
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



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

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

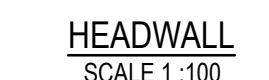
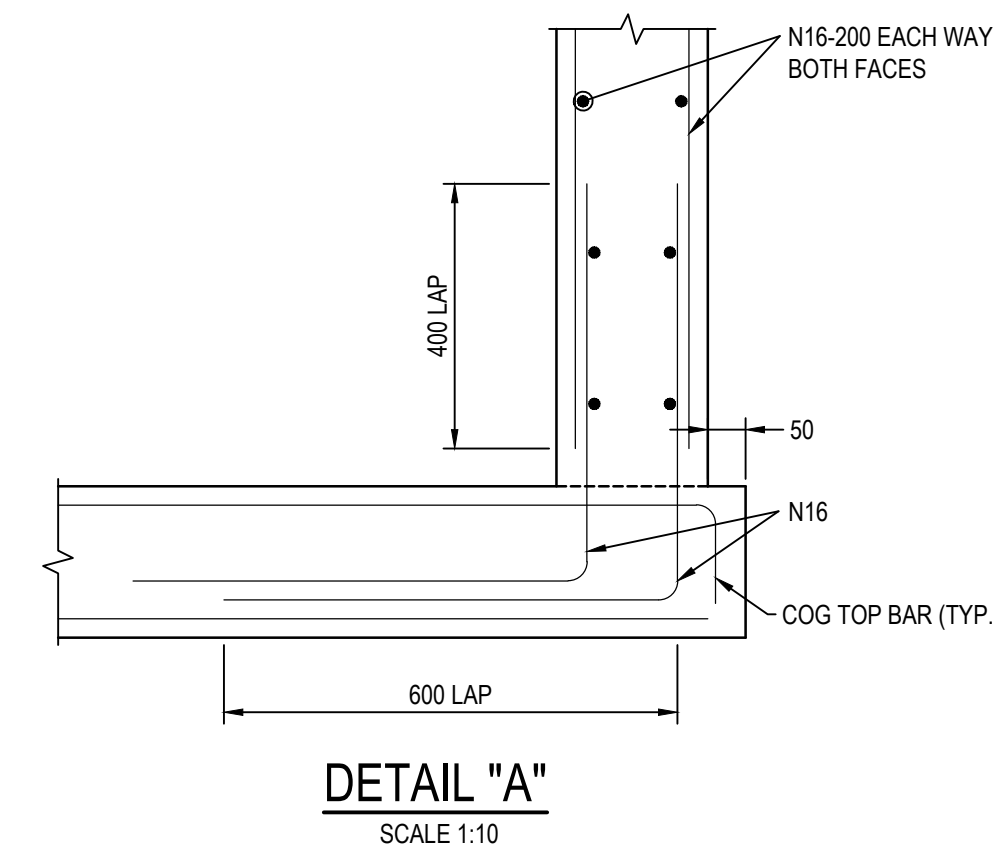
Civil Engineers and Project Managers		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL	A1
Project - Drawing No.	20-748-C5071	Issue D



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



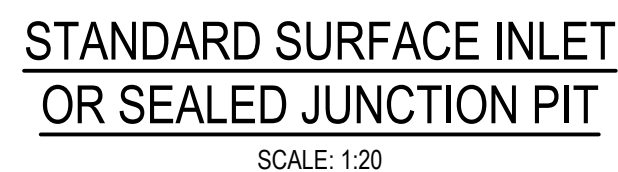
NOTE: STRUCTURAL DETAIL OF PITS TO BE CONFIRMED
AT DETAILED DESIGN



STORMWATER PIT
SETOUT POINTS
REFER PIT SETOUT PLANS
FOR ENLARGED CHAMBERS

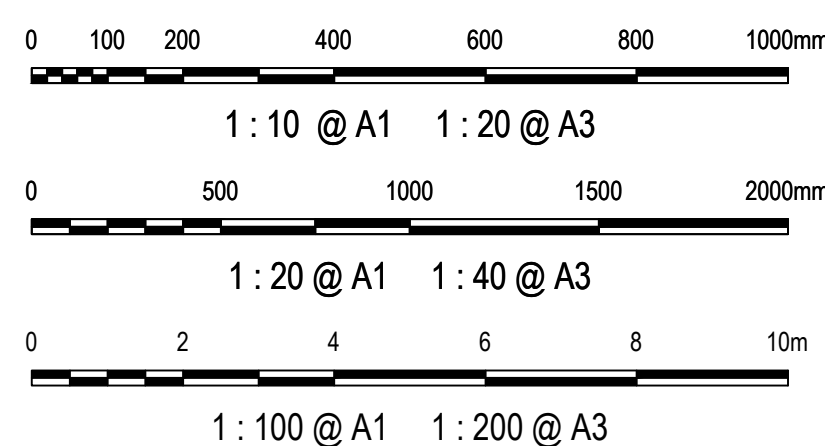
NOTE

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 PROVIDED ADJACENT TO INLET PIPES.
8. ALL PITS SHALL BE PROVIDED WITH A LOCKING CLIP.
9. PIT GRATE TO BE "WELDLOK" GULLY GRATE G6 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


Bar Scales



Client



Scales

 **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

Proj	
------	--

^t PROPOSED INDUSTRIAL
DEVELOPMENT
WESTLINK
KEMPS CREEK

Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	Status
Title	Author	Date	

STORMWATER DRAINAGE DETAILS SHEET 2

Civil Engineers and Project Managers



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

Status

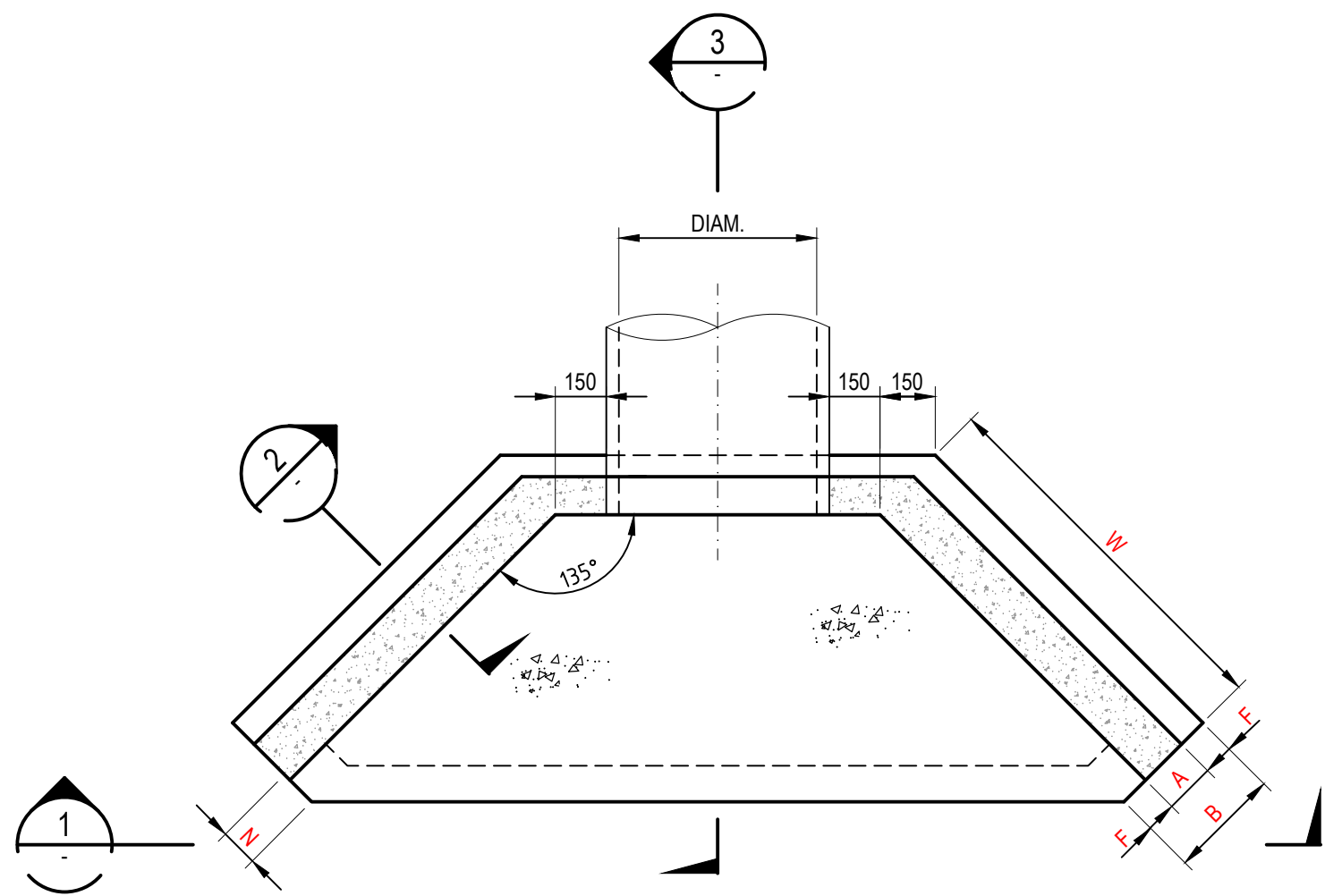
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No

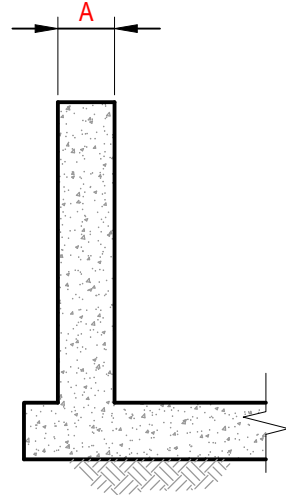
20 748 C5072

Issue

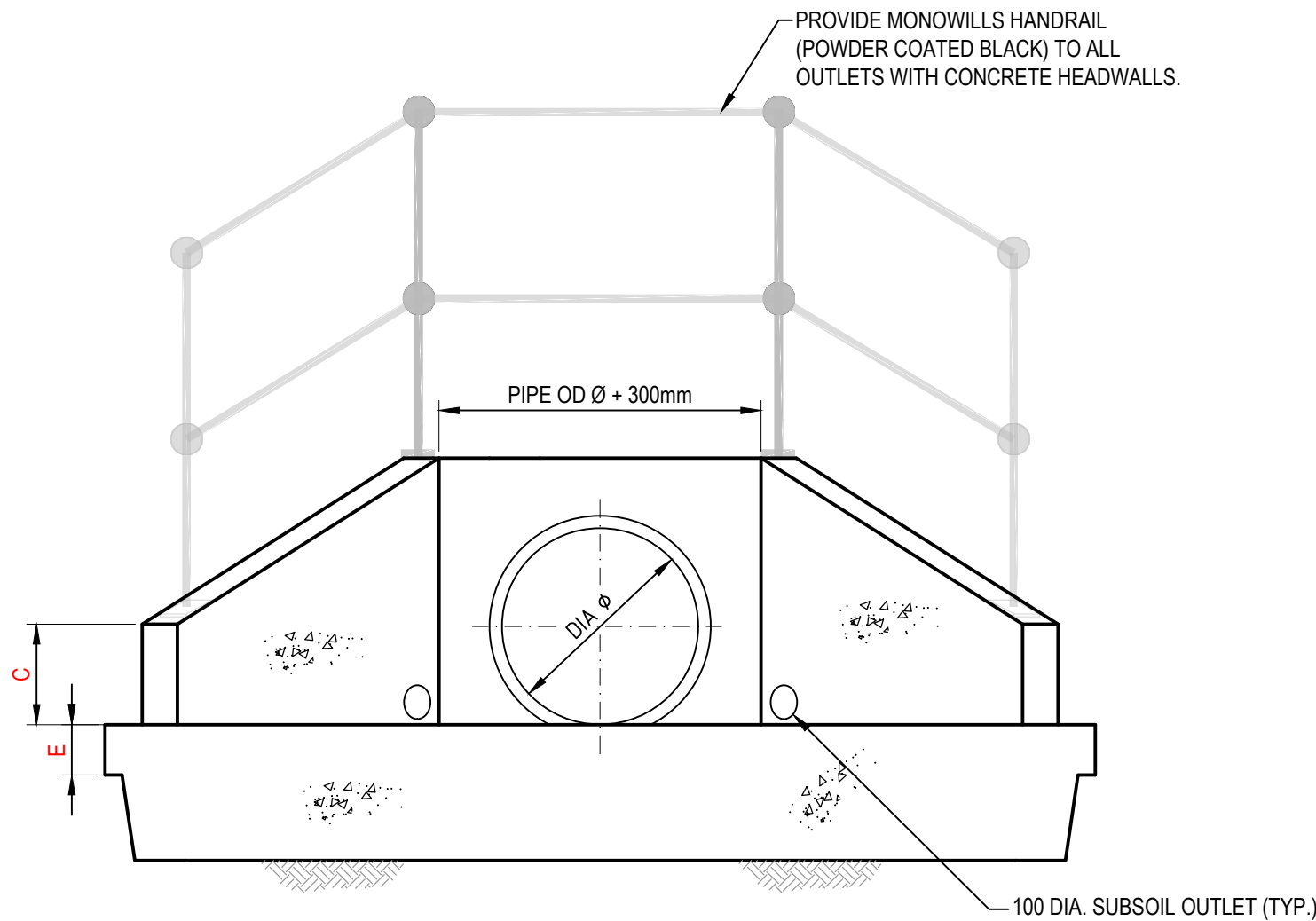
D



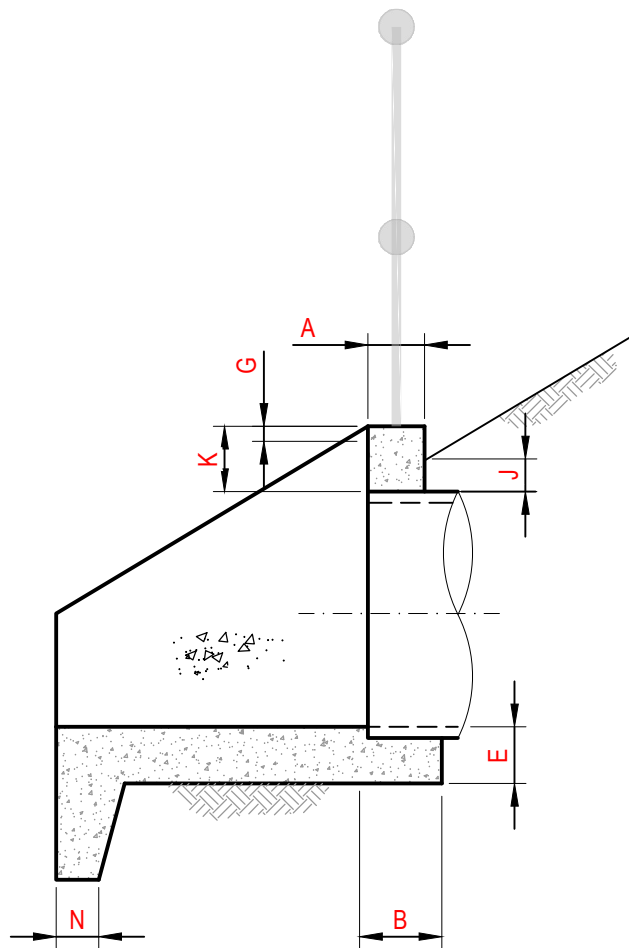
HEADWALL TYPE "A"
PLAN



SECTION 2
SCALE 1 : 20



SECTION 1
SCALE 1 : 20



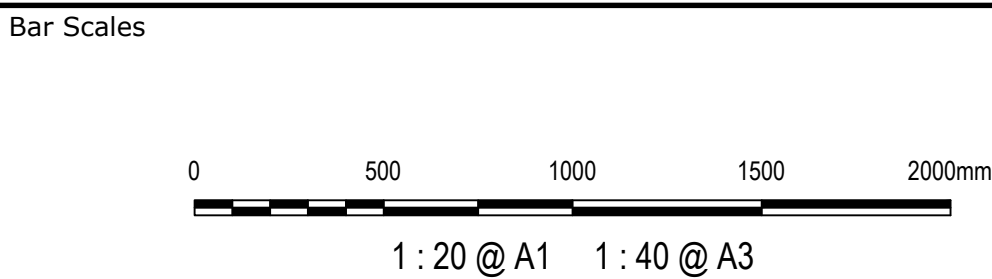
SECTION 3
SCALE 1 : 20

HEADWALL TYPE "A" - SINGLE PIPE

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

- NOTES
- COMPRESSIVE STRENGTH (F_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

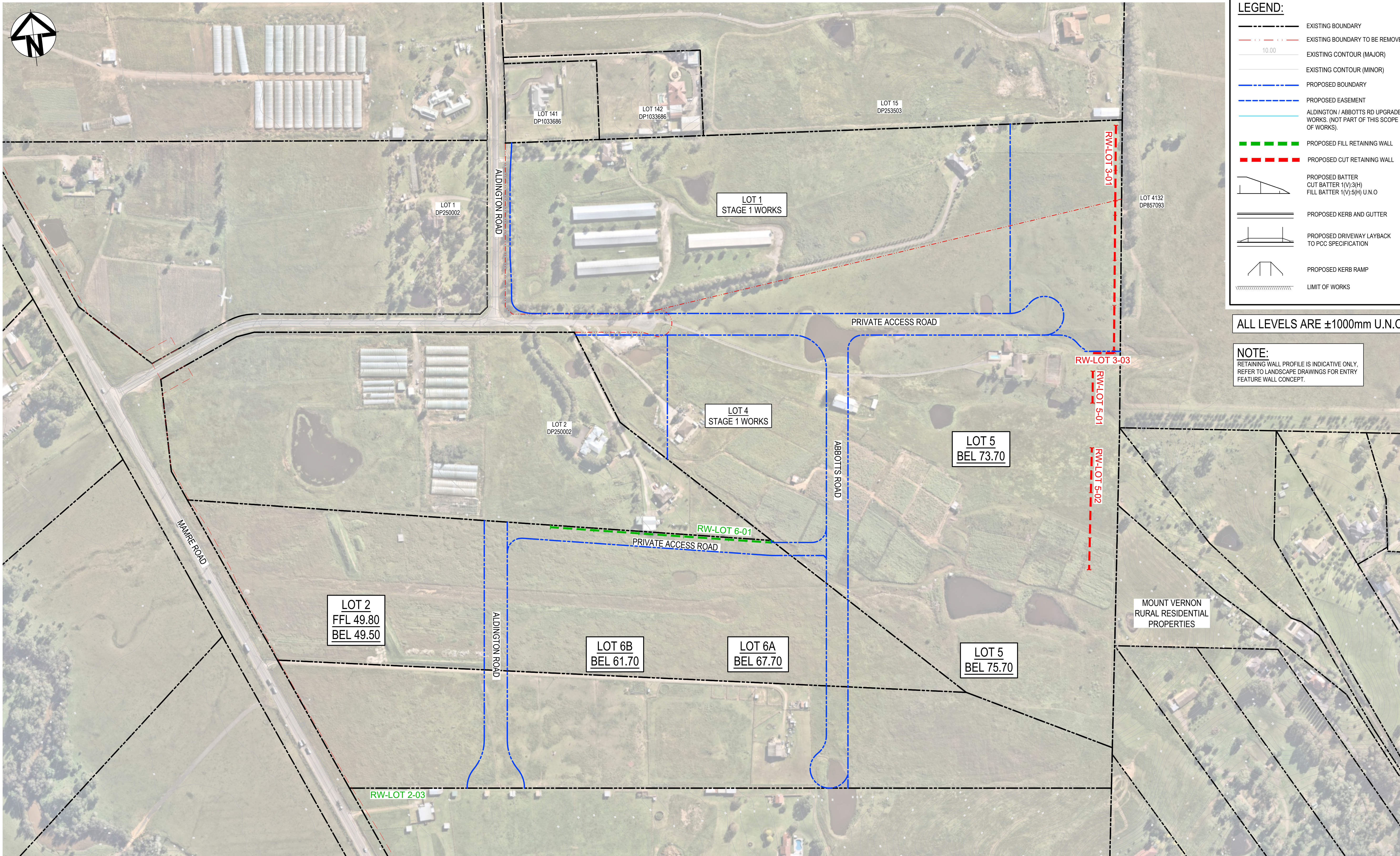
Issue	Description	Date
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



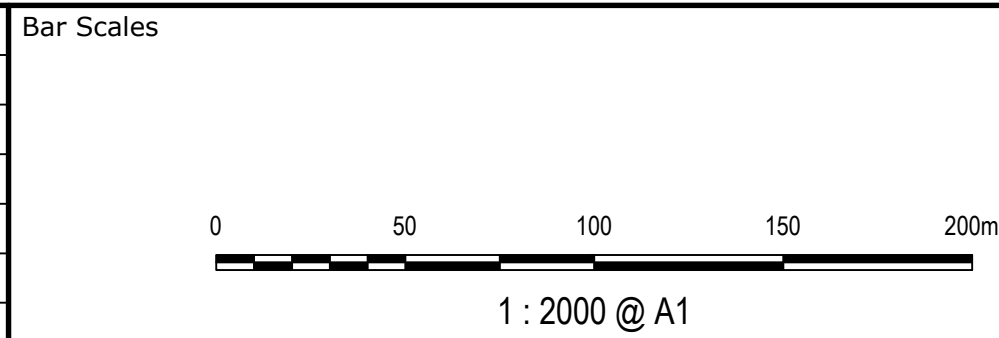
Scales	Drawn	LM
AS SHOWN	Designed	LM
Grid	Checked	AT
MGA2020	Checked	AT
Height Datum	Approved	AT
AHD	Approved	AT
GDA2020		
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L		

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	STORMWATER DRAINAGE DETAILS 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	A1
Project - Drawing No.	20-748-C5073	Issue D



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



Client



Scales
1 : 2000

Grid
MGA2020

Height
Datum
AHD

Drawn
LM

Designed
LM

Checked
AT

Approved
AT

GDA2020

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

Project
PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title
RETAINING WALL GENERAL ARRANGEMENT PLAN

Civil Engineers and Project Managers

at&l

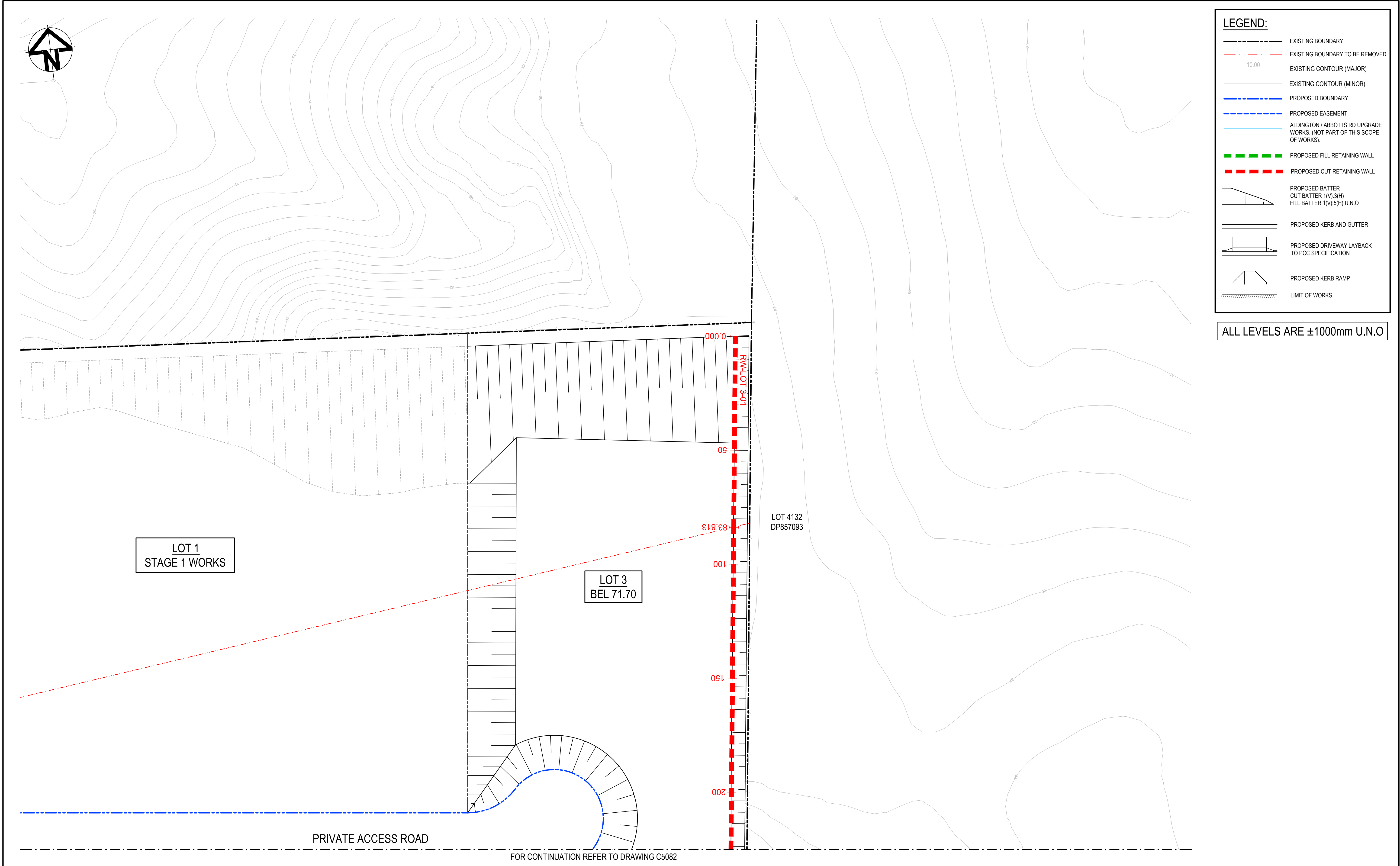
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

Project - Drawing No.
20-748-C5080

A1

Issue
E



LEGEND:

EXISTING BOUNDARY

EXISTING BOUNDARY TO BE REMOVED

10.00

EXISTING CONTOUR (MAJOR)

EXISTING CONTOUR (MINOR)

PROPOSED BOUNDARY

PROPOSED EASEMENT

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

PROPOSED FILL RETAINING WALL

PROPOSED CUT RETAINING WALL

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

PROPOSED KERB AND GUTTER

PROPOSED DRIVEWAY LAYBACK TO PCC SPECIFICATION

PROPOSED KERB RAMP

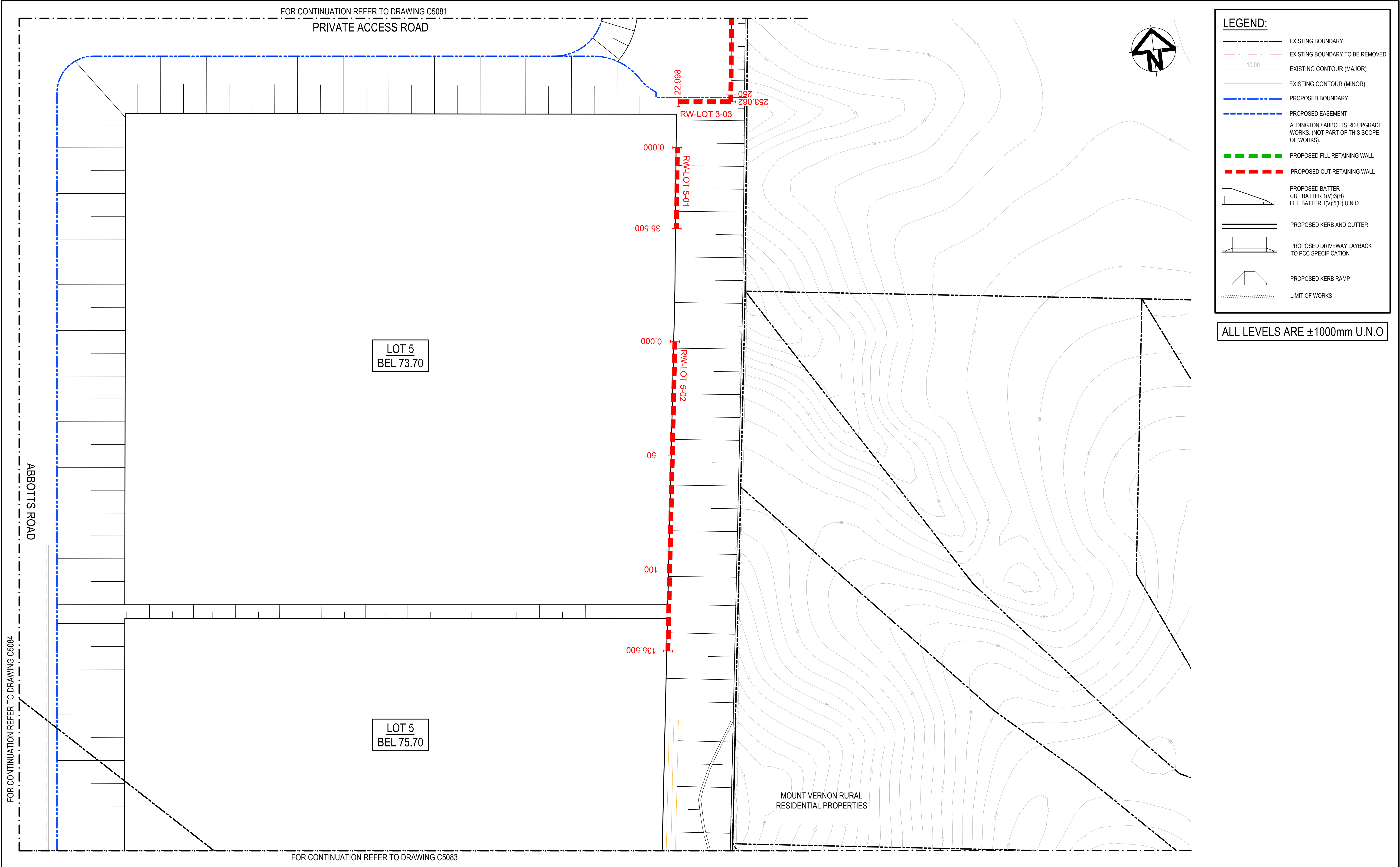
LIMIT OF WORKS

ALL LEVELS ARE ±1000mm U.N.O

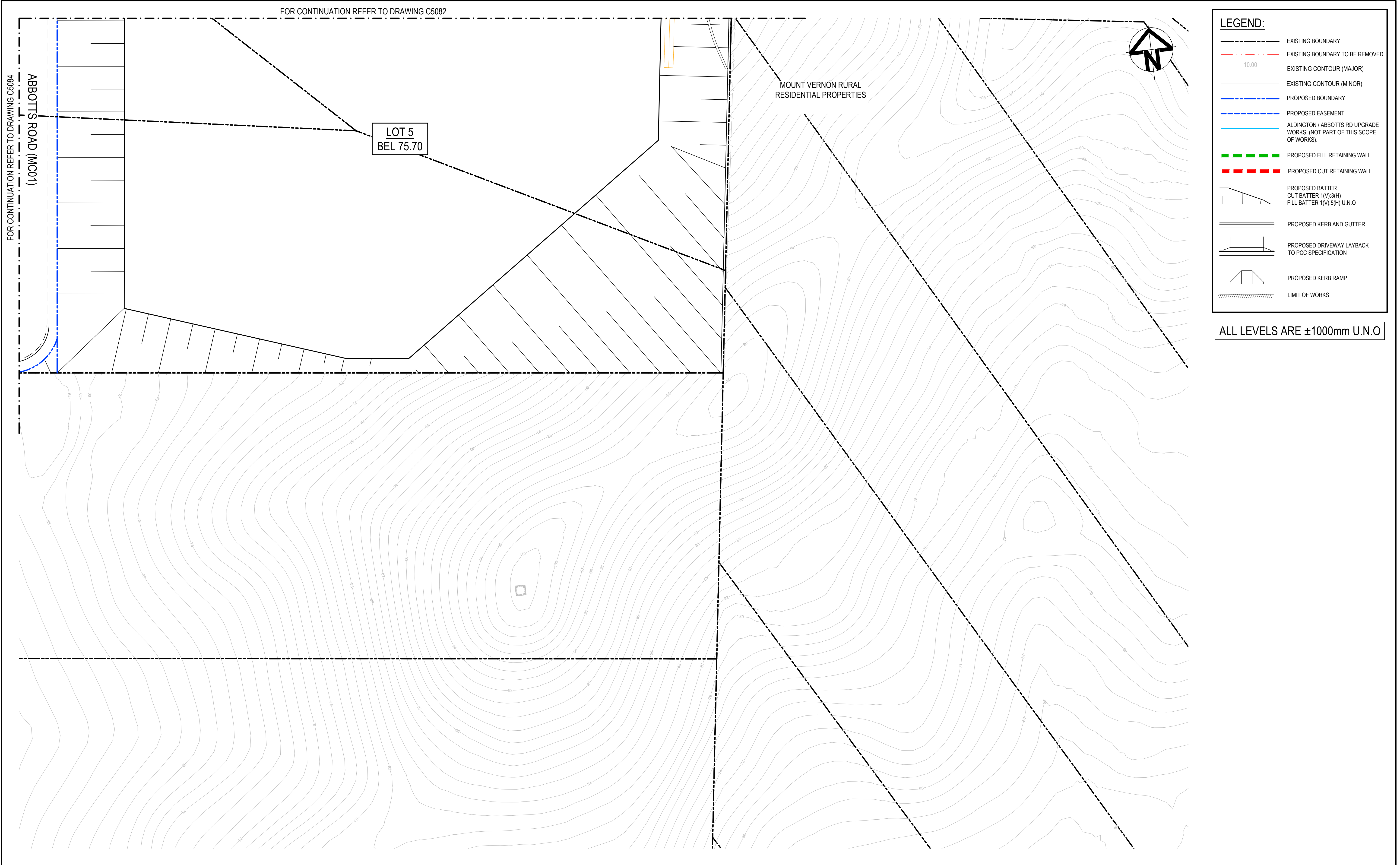
<table><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td>D</td><td>ISSUED FOR DEVELOPMENT APPLICATION</td><td>27-09-23</td></tr><tr><td>C</td><td>ISSUED FOR DEVELOPMENT APPLICATION</td><td>12-09-23</td></tr><tr><td>B</td><td>ISSUED FOR DEVELOPMENT APPLICATION</td><td>23-02-23</td></tr><tr><td>A</td><td>ISSUED FOR DEVELOPMENT APPLICATION</td><td>25-10-22</td></tr><tr><td>Issue</td><td>Description</td><td>Date</td></tr></table>															D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23	C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23	B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23	A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22	Issue	Description	Date	<div>Bar Scales</div> <div><div>01530456075m</div><div>1 : 750 @ A1 1 : 1500 @ A3</div></div>		<div>Keyplan</div> <div></div>		<div>Client</div> <div></div>		<table><tr><td rowspan="3">Scales</td><td>1 : 750</td><td>Drawn</td><td>LM</td></tr><tr><td></td><td>Designed</td><td>LM</td></tr><tr><td>Grid</td><td>MGA2020</td><td>Checked</td><td>AT</td></tr><tr><td>Height Datum</td><td>AHD</td><td>Approved</td><td>AT</td></tr></table>		Scales	1 : 750	Drawn	LM		Designed	LM	Grid	MGA2020	Checked	AT	Height Datum	AHD	Approved	AT	<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>		<div>Civil Engineers and Project Managers</div> <div></div> <div>Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au</div>	
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23																																																						
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23																																																						
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23																																																						
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22																																																						
Issue	Description	Date																																																						
Scales	1 : 750	Drawn	LM																																																					
		Designed	LM																																																					
	Grid	MGA2020	Checked	AT																																																				
Height Datum	AHD	Approved	AT																																																					
						<div>Title</div> <div>RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 1</div>		<div>Status</div> <div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div>		<div>A1</div>																																														
						<div>Project - Drawing No.</div> <div>20-748-C5081</div>		<div>Issue</div> <div>D</div>																																																

100mm on Original

F:\20-748 ESR Mamre\6.0 Drgs\Civil\Final\SSDA\5000_INFRASTRUCTURE_STAGE_2_SSDA\20-748-C5081.dwg



			Bar Scales			Client		Scales		Drawn		Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK			Civil Engineers and Project Managers Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au				
								1 : 750		LM										
			1 : 750 @ A1 1 : 1500 @ A3					Grid	MGA2020	Designed	LM	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 2			Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION Project - Drawing No. 20-748-C5082			A1 Issue D		
								Height Datum	AHD	Approved	AT									
												Title								
								THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L												
												Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION			A1					
												Project - Drawing No. 20-748-C5082			Issue D					



			Bar Scales			Client	Scales			Project		Civil Engineers and Project Managers		
								1 : 750	Drawn	LM	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			
D ISSUED FOR DEVELOPMENT APPLICATION			27-09-23				Grid	MGA2020	Designed	LM	Title	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		
C ISSUED FOR DEVELOPMENT APPLICATION			12-09-23				Height Datum	AHD	Approved	AT		RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 3		
B ISSUED FOR DEVELOPMENT APPLICATION			23-02-23				THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			Status	FOR APPROVAL		A1	
A ISSUED FOR DEVELOPMENT APPLICATION			25-10-22								NOT TO BE USED FOR CONSTRUCTION		Issue	
Issue			Description		Date					Project - Drawing No.		20-748-C5083		D



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

Bar Scales

0 15 30 45 60 75m

1 : 750 @ A1 1 : 1500 @ A3

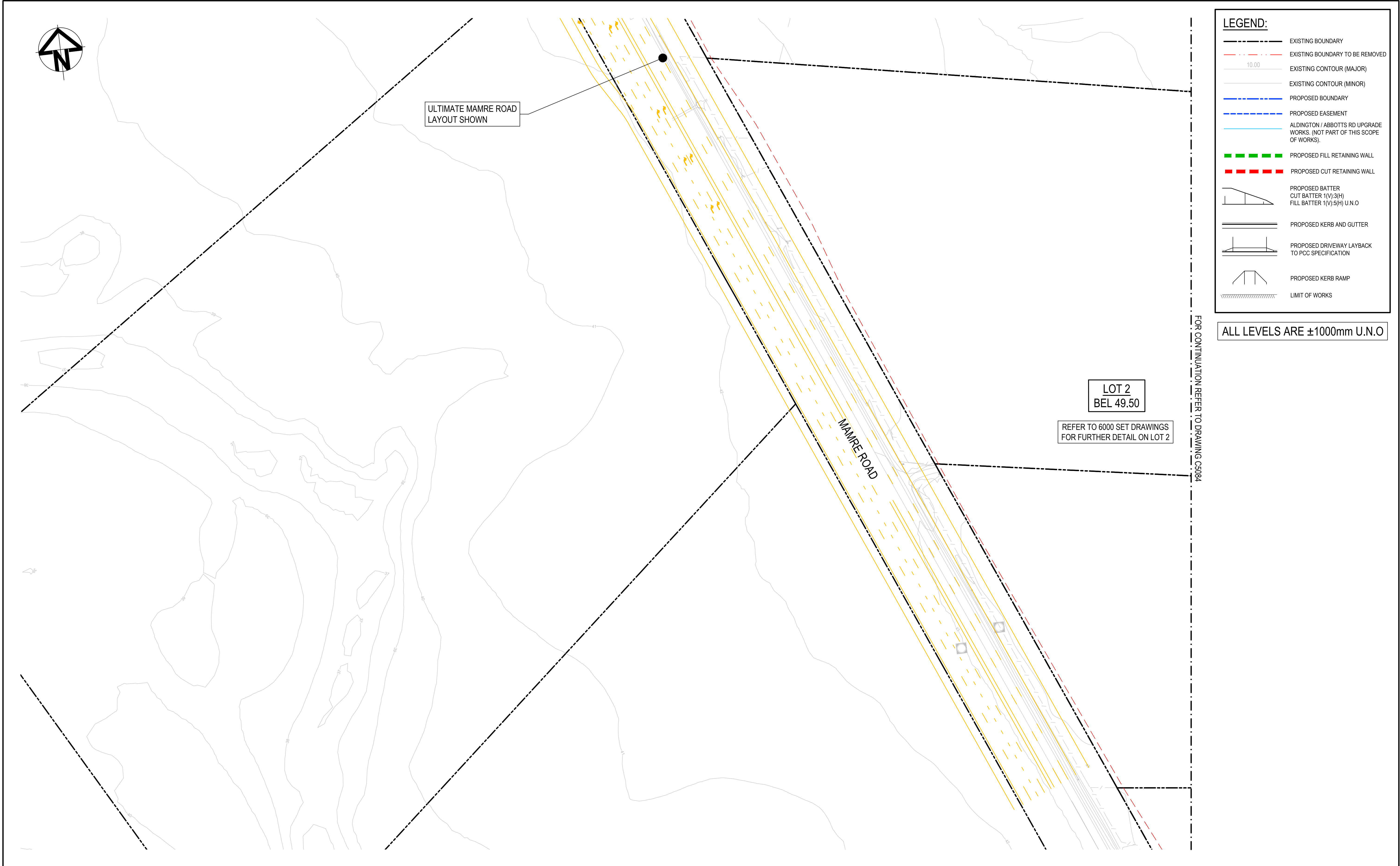
Keyplan

Client

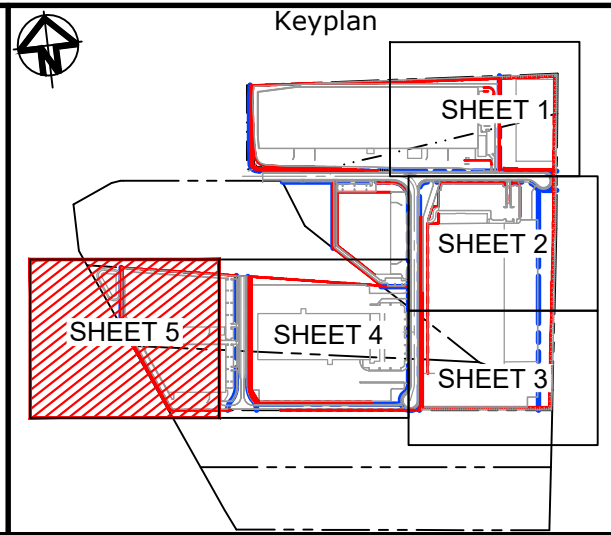
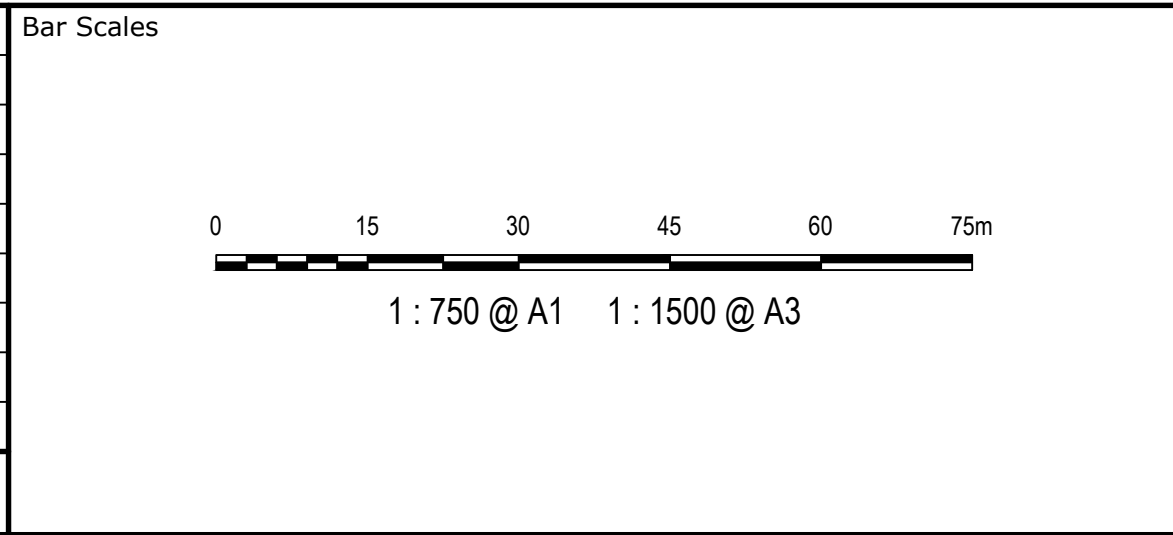
Scales	1 : 750	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	
Title	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 4	

Civil Engineers and Project Managers		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL	A1
NOT TO BE USED FOR CONSTRUCTION		
Project - Drawing No.	20-748-C5084	Issue
		E



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



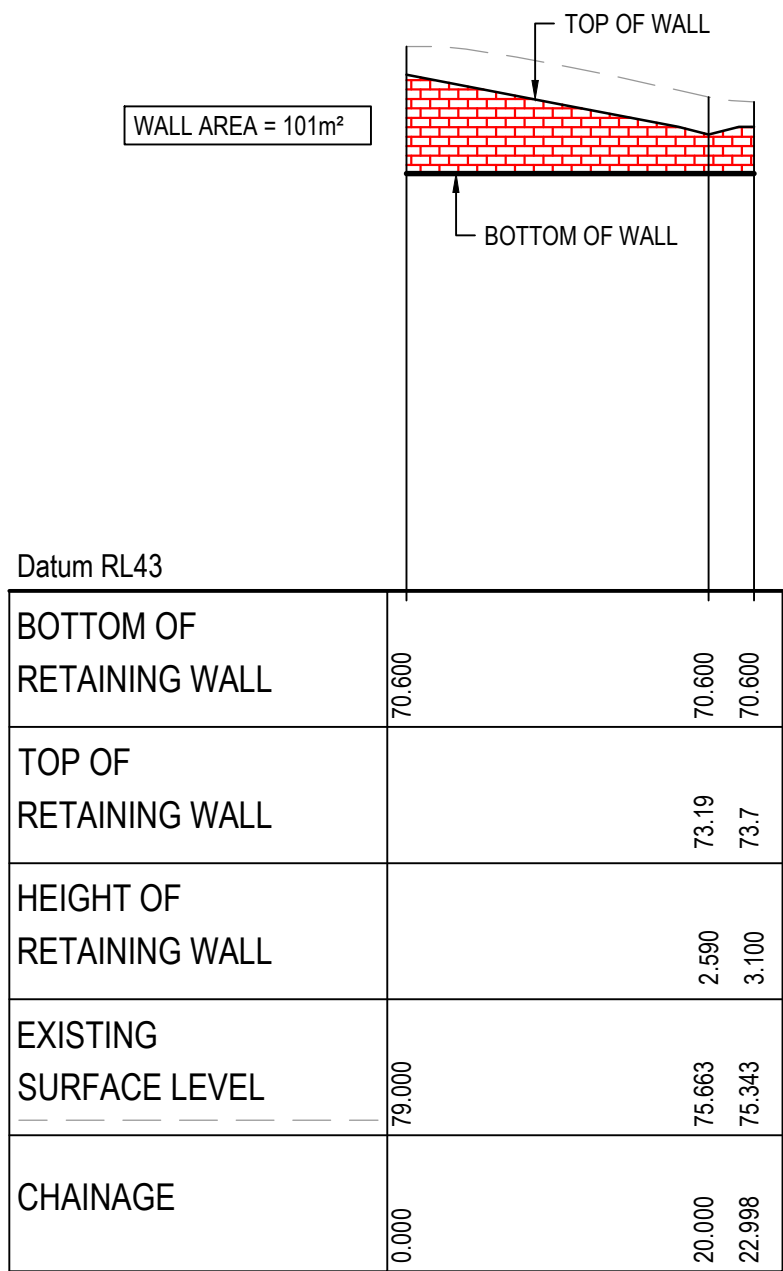
Scales	1 : 750	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	RETAINING WALL GENERAL ARRANGEMENT PLAN SHEET 5

Civil Engineers and Project Managers		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5085	Issue D

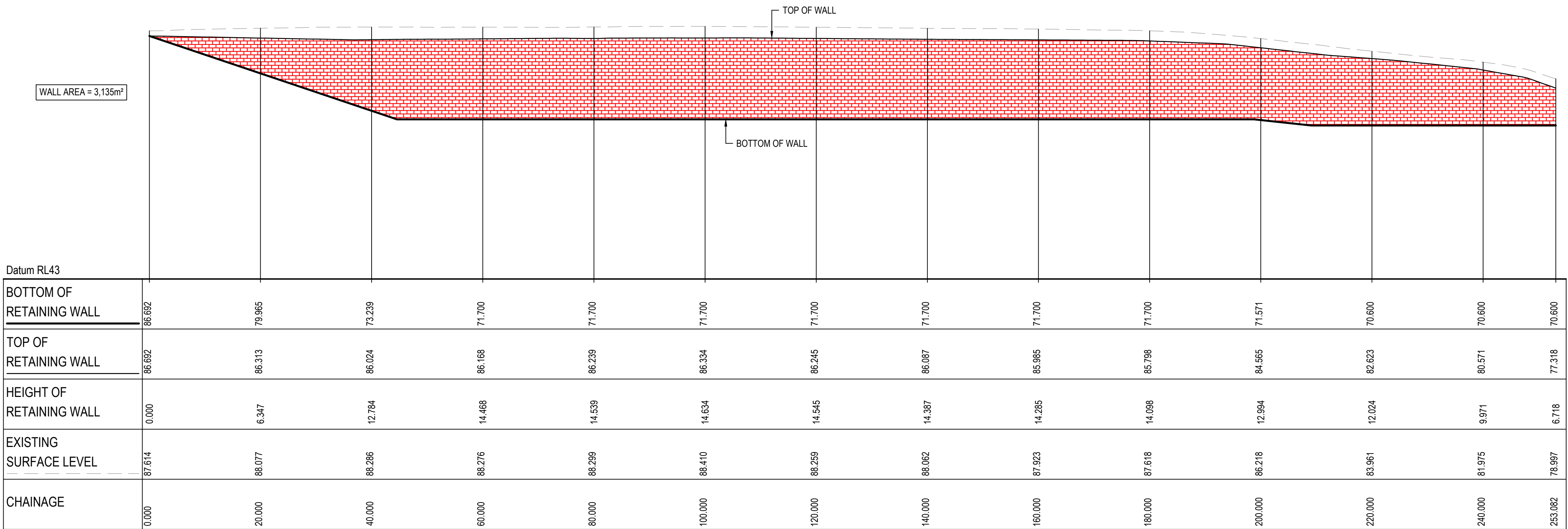
NOTES:
ALL FINISHED LEVELS ARE ±1000mm U.N.O
REFER TO DRG C5020 FOR TYPICAL WALL SECTIONS

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






RETAINING WALL (RW-LOT 3-03) PROFILE

SCALE 1:500 HORI.
1:500 VERT.

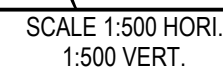
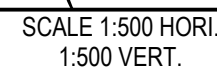


RETAINING WALL (RW-LOT 3-01) PROFILE

SCALE 1:500 HORI.
1:500 VERT.

			Bar Scales				Client		<div></div>		<div><div>Scales</div><div>1 : 500</div></div> <div><div>Drawn</div><div>LM</div></div> <div><div>Designed</div><div>LM</div></div> <div><div>Grid</div><div>MGA2020</div></div> <div><div>Checked</div><div>AT</div></div> <div><div>Height Datum</div><div>AHD</div></div> <div><div>Approved</div><div>AT</div></div>		<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>		<div>Civil Engineers and Project Managers</div> <div></div> <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>	
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23	<div><div><div>01020304050m</div><div>1 : 500 @ A1 1 : 1000 @ A3</div></div></div>						<div></div> <div>THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L</div>		<div>Title</div> <div>RETAINING WALL PROFILES SHEET 1</div>		<div>Status</div> <div>FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION</div> <div>A1</div>			
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23									<div>Project - Drawing No.</div> <div>20-748-C5092</div>		<div>Issue</div> <div>D</div>			
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23														
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22														
Issue	Description	Date														

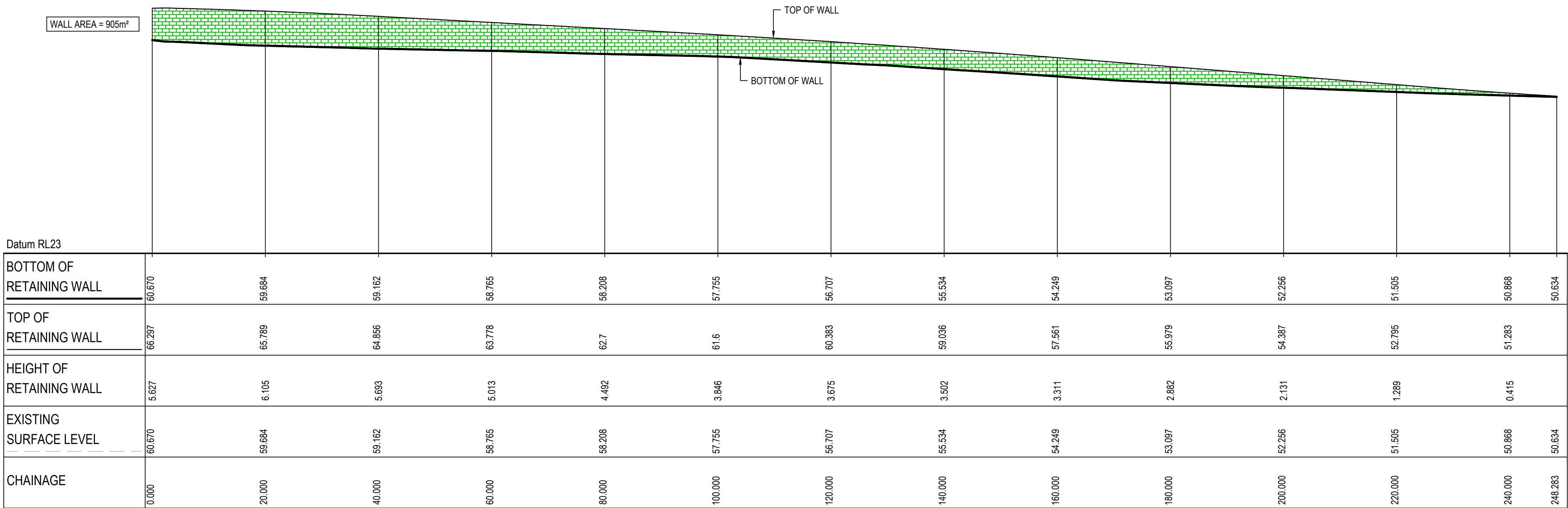
NOTE:
RETAINING WALL PROFILE IS INDICATIVE ONLY,
REFER TO LANDSCAPE DRAWINGS FOR ENTRY
FEATURE WALL CONCEPT.



F:\20-748 ESR Mamre\6.0 Drqs\Civil\Final\SSDA\5000 INFRASTRUCTURE STAGE 2 SSDA\20-748-C5093.dwg

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

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



RETAINING WALL RW-LOT 6-01 BTM PROFILE

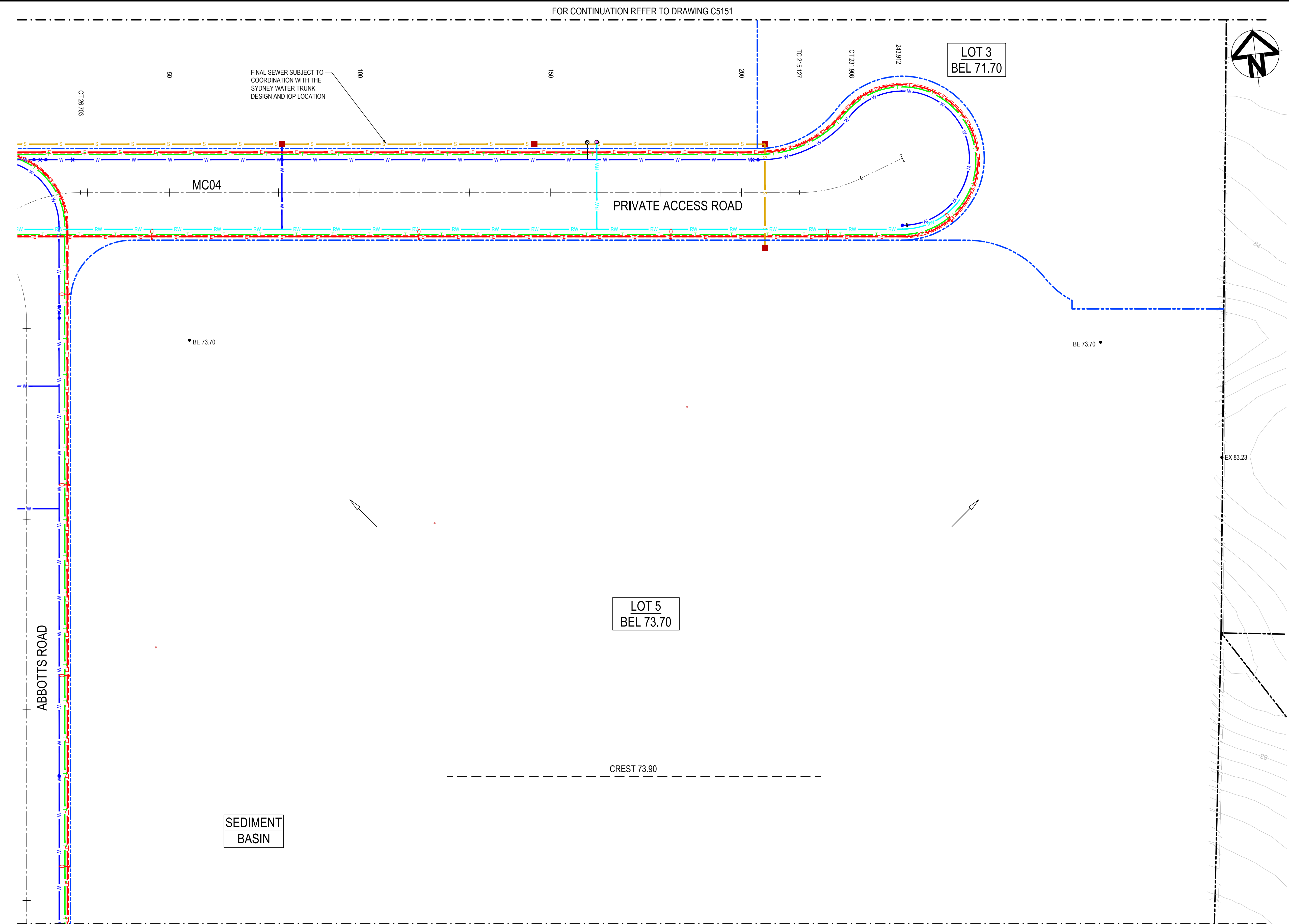
SCALE 1:500 HORI.
1:500 VERT.

			Bar Scales		Client	Scales	Drawn	LM	Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK	Civil Engineers and Project Managers
						1 : 500	Designed	LM			
						Grid MGA2020	Checked	AT			
						Height Datum AHD	Approved	AT			
						GDA2020			Title	RETAINING WALL PROFILES SHEET 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			Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION		A1
									Project - Drawing No. 20-748-C5094		Issue D
Issue	Description	Date									

01020304050m

1 : 500 @ A11 : 1000 @ A3

100mm on Original



LEGEND:

GENERAL

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- EXISTING ELECTRICITY
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- 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

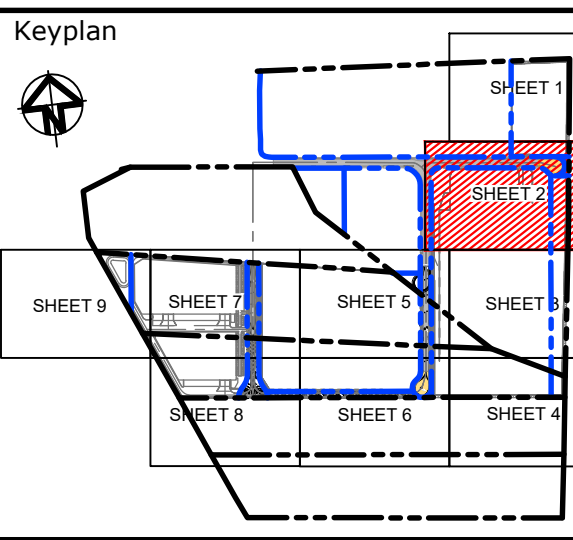
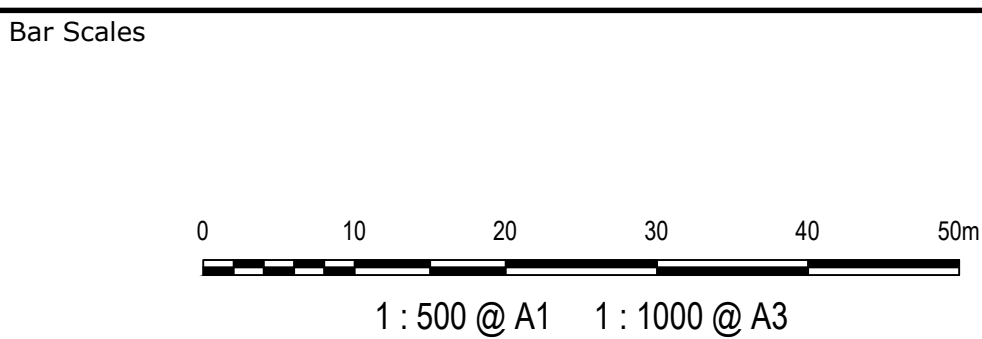
- ELECTRICITY LINE
- ELECTRICITY OVERHEAD
- WATER
- STORMWATER

NOTE

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

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

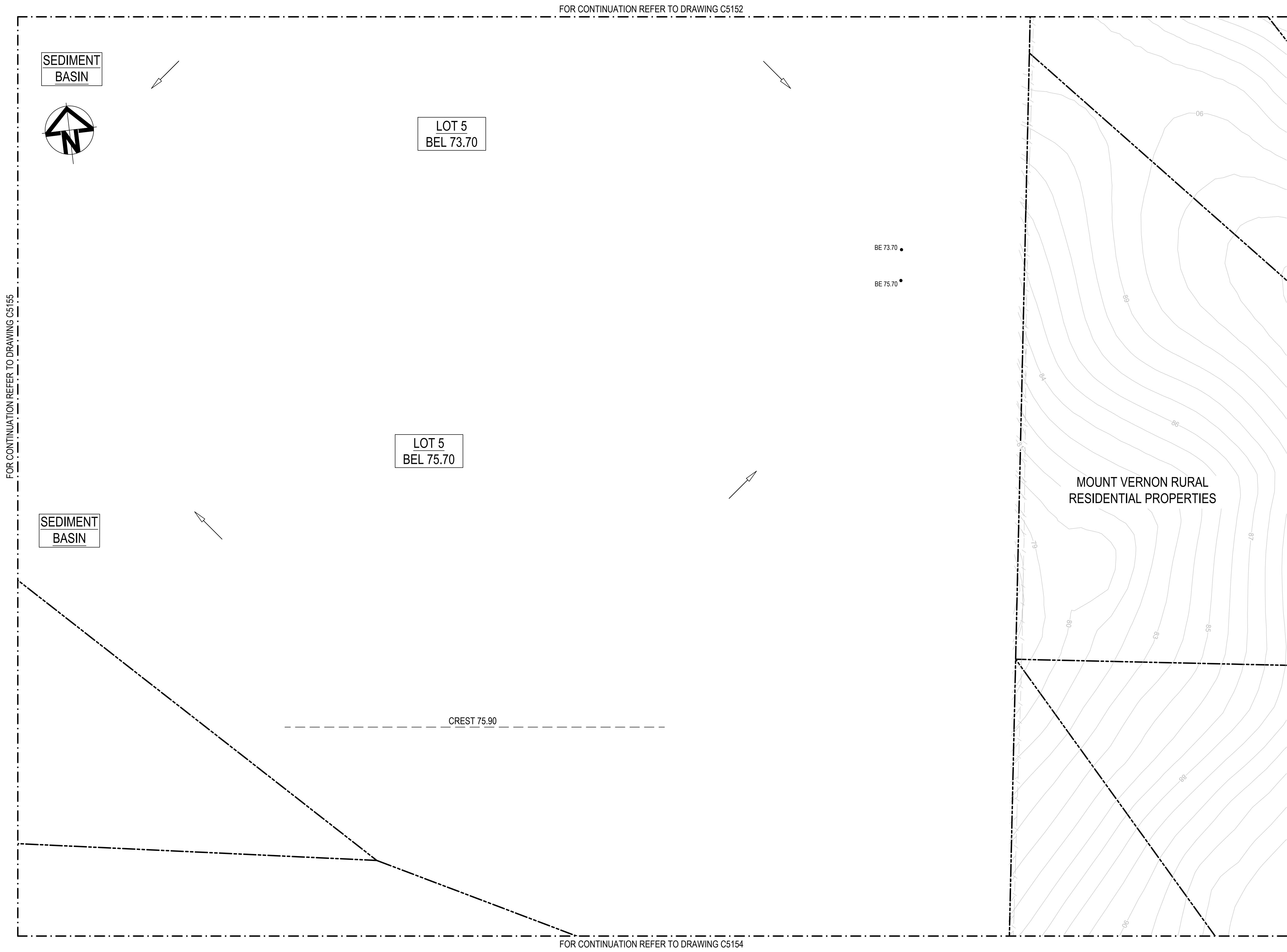
Issue	Description	Date
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



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

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

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



LEGEND:

GENERAL

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

UTILITIES - PROPOSED

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

STORMWATER - PROPOSED

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

UTILITIES - EXISTING

- ELECTRICITY LINE
- ELECTRICITY OVERHEAD
- WATER
- STORMWATER

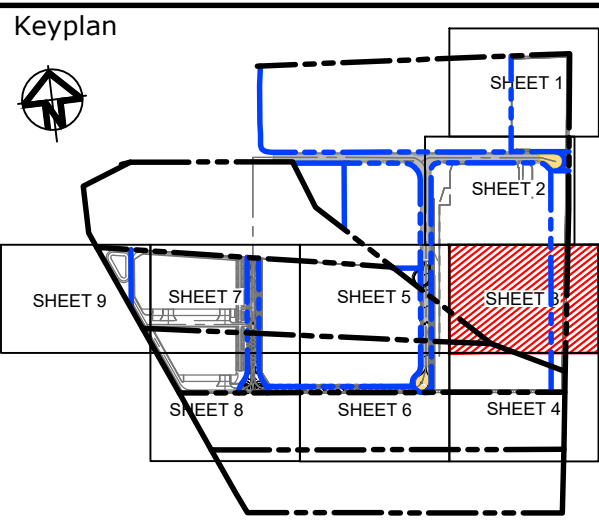
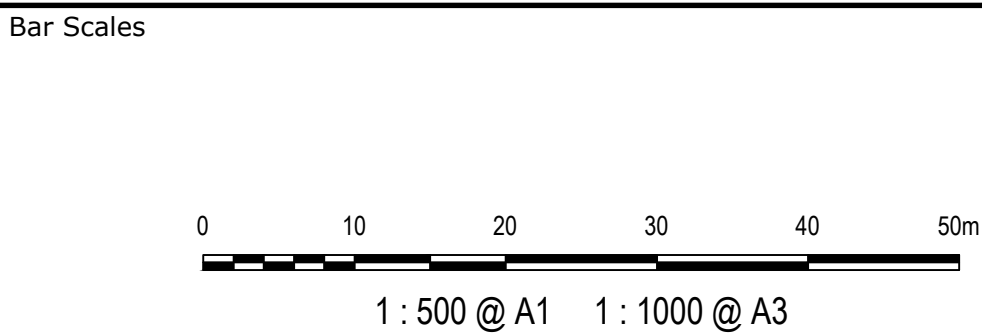
NOTE

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

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

FOR CONTINUATION REFER TO DRAWING C5155

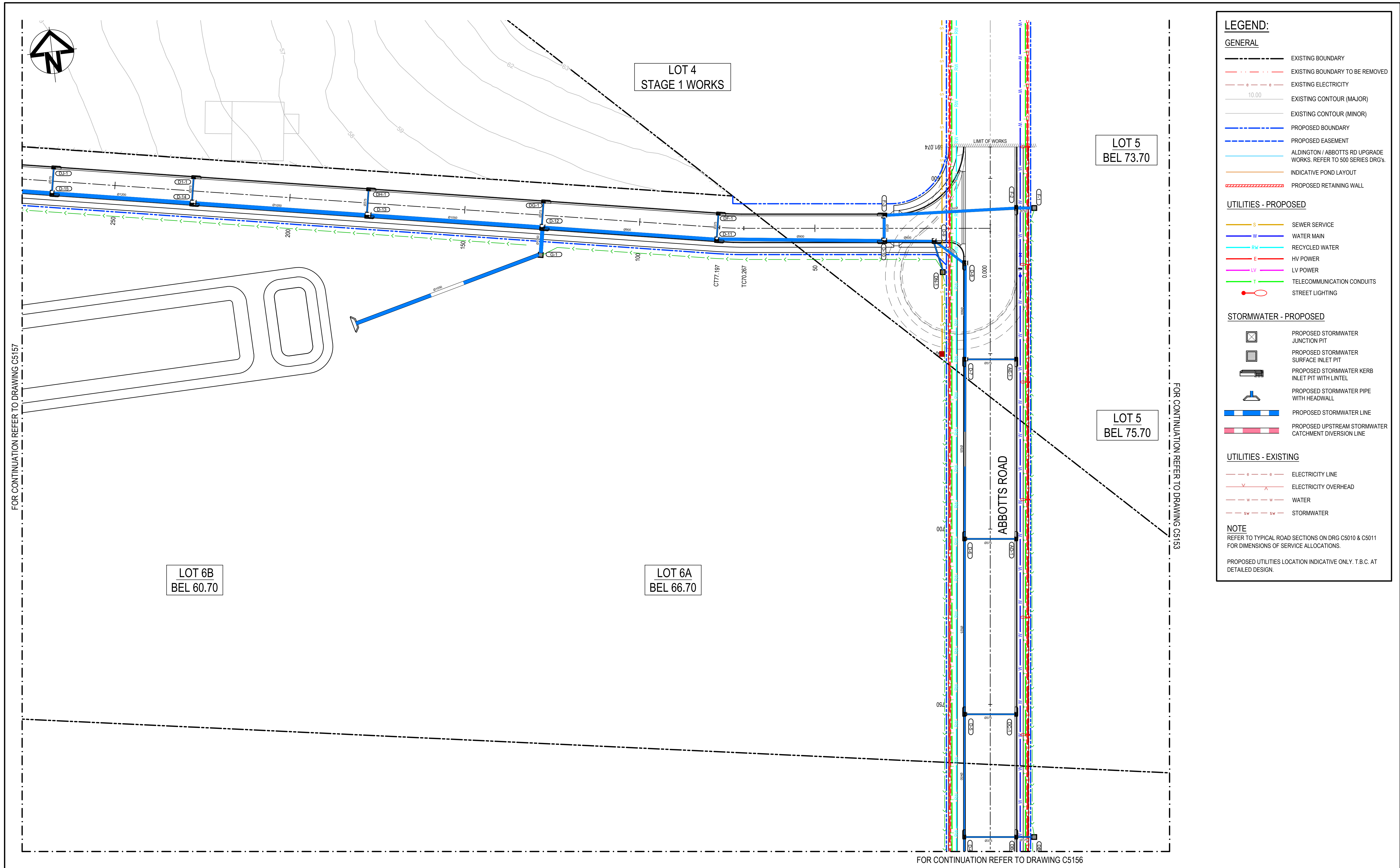
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22
Issue	Description	Date


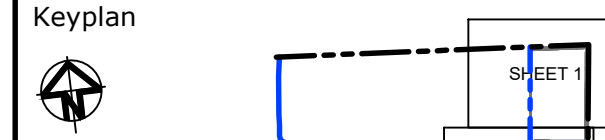




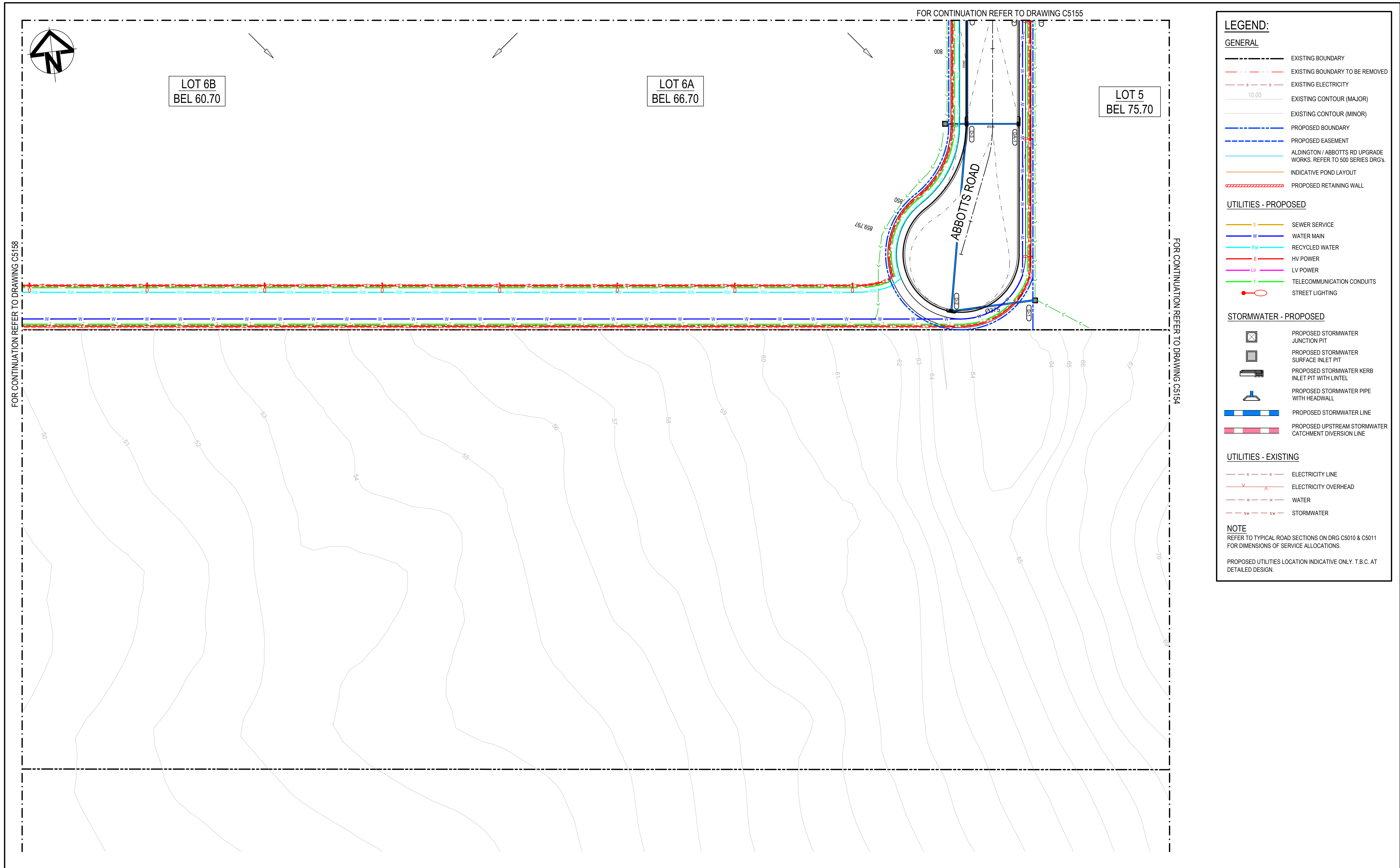
Scales	1 : 500	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			


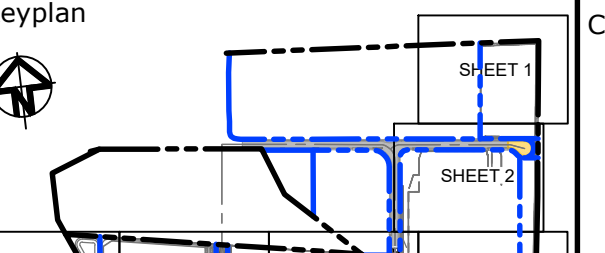


Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	SERVICES AND UTILITIES COORDINATION PLAN SHEET 2

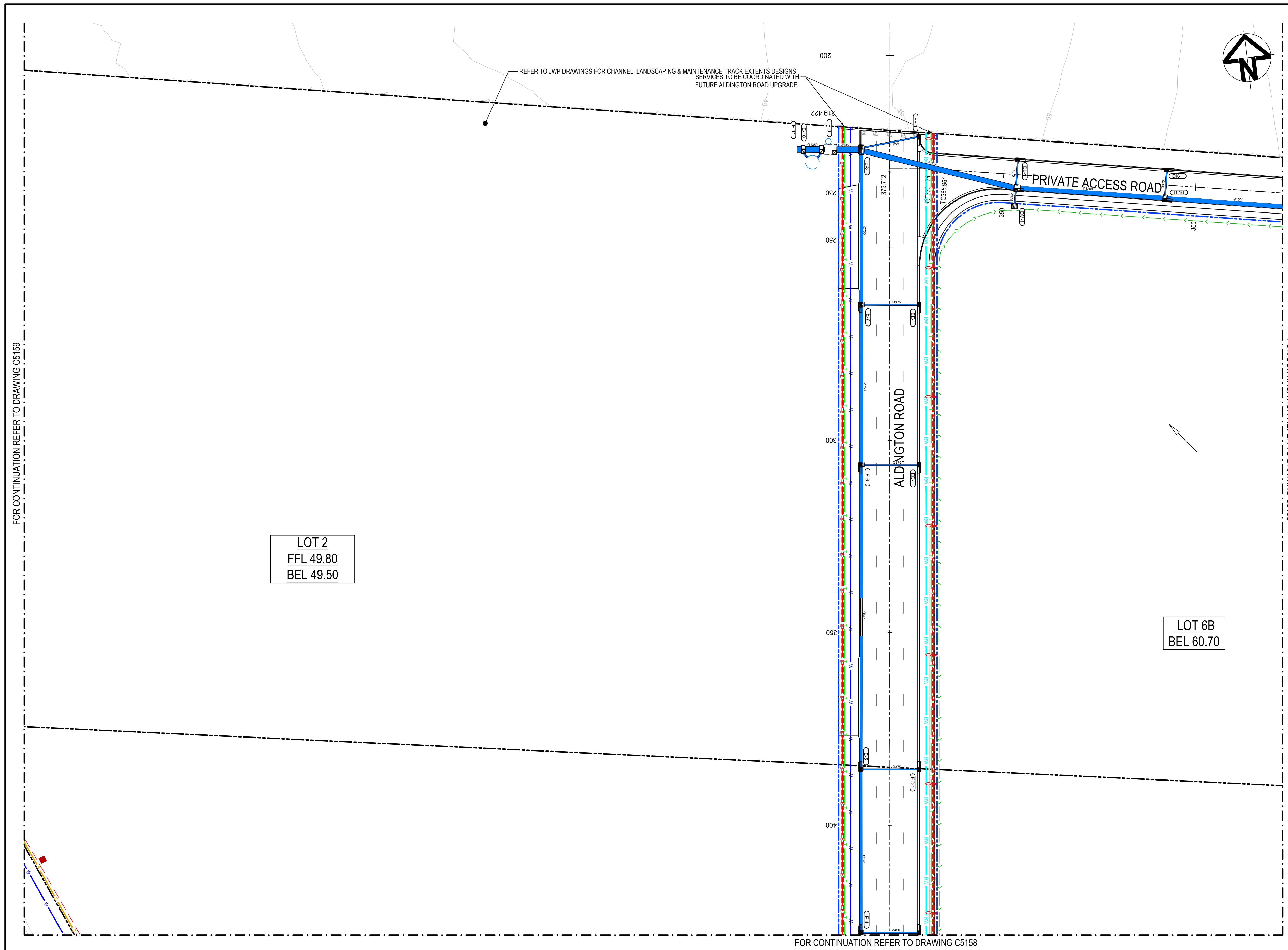
Civil Engineers and Project Managers		
Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au		
Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-C5153	Issue D



			Bar Scales		Keyplan		Client		Scales		Drawn		Project		Civil Engineers and Project Managers	
									1 : 500		LM		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK			
			1 : 500 @ A1 1 : 1000 @ A3						MGA2020		Designed LM				Level 7, 153 Walker Street North Sydney NSW 2060	
									AHD		Checked AT				ABN 96 130 882 405	
											Approved AT				Tel: 02 9439 1777	
D			ISSUED FOR DEVELOPMENT APPLICATION		27-09-23								Title		Fax: 02 9923 1055	
C			ISSUED FOR DEVELOPMENT APPLICATION		12-09-23								SERVICES AND UTILITIES COORDINATION PLAN SHEET 4		www.atl.net.au	
B			ISSUED FOR DEVELOPMENT APPLICATION		23-02-23										info@atl.net.au	
A			ISSUED FOR DEVELOPMENT APPLICATION		25-10-22										Status	
Issue			Description		Date										FOR APPROVAL	
															NOT TO BE USED FOR CONSTRUCTION	
															Project - Drawing No.	
															20-748-C5155	
															Issue	
															D	



			Bar Scales		Keyplan		Client		Scales		Drawn		Project		Civil Engineers and Project Managers	
									1 : 500		LM		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK			
			1 : 500 @ A1 1 : 1000 @ A3						MGA2020		Designed LM				Level 7, 153 Walker Street North Sydney NSW 2060	
									AHD		Checked AT				ABN 96 130 882 405	
D			ISSUED FOR DEVELOPMENT APPLICATION		27-09-23						Approved AT				Tel: 02 9439 1777	
C			ISSUED FOR DEVELOPMENT APPLICATION		12-09-23										Fax: 02 9923 1055	
B			ISSUED FOR DEVELOPMENT APPLICATION		23-02-23										www.atl.net.au	
A			ISSUED FOR DEVELOPMENT APPLICATION		25-10-22										info@atl.net.au	
Issue			Description		Date								Title		Status	
													SERVICES AND UTILITIES COORDINATION PLAN SHEET 5		FOR APPROVAL	
															NOT TO BE USED FOR CONSTRUCTION	
															Project - Drawing No.	
															20-748-C5156	
															Issue	
															D	



LEGEND:

GENERAL

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

UTILITIES - PROPOSED

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

STORMWATER - PROPOSED

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

UTILITIES - EXISTING

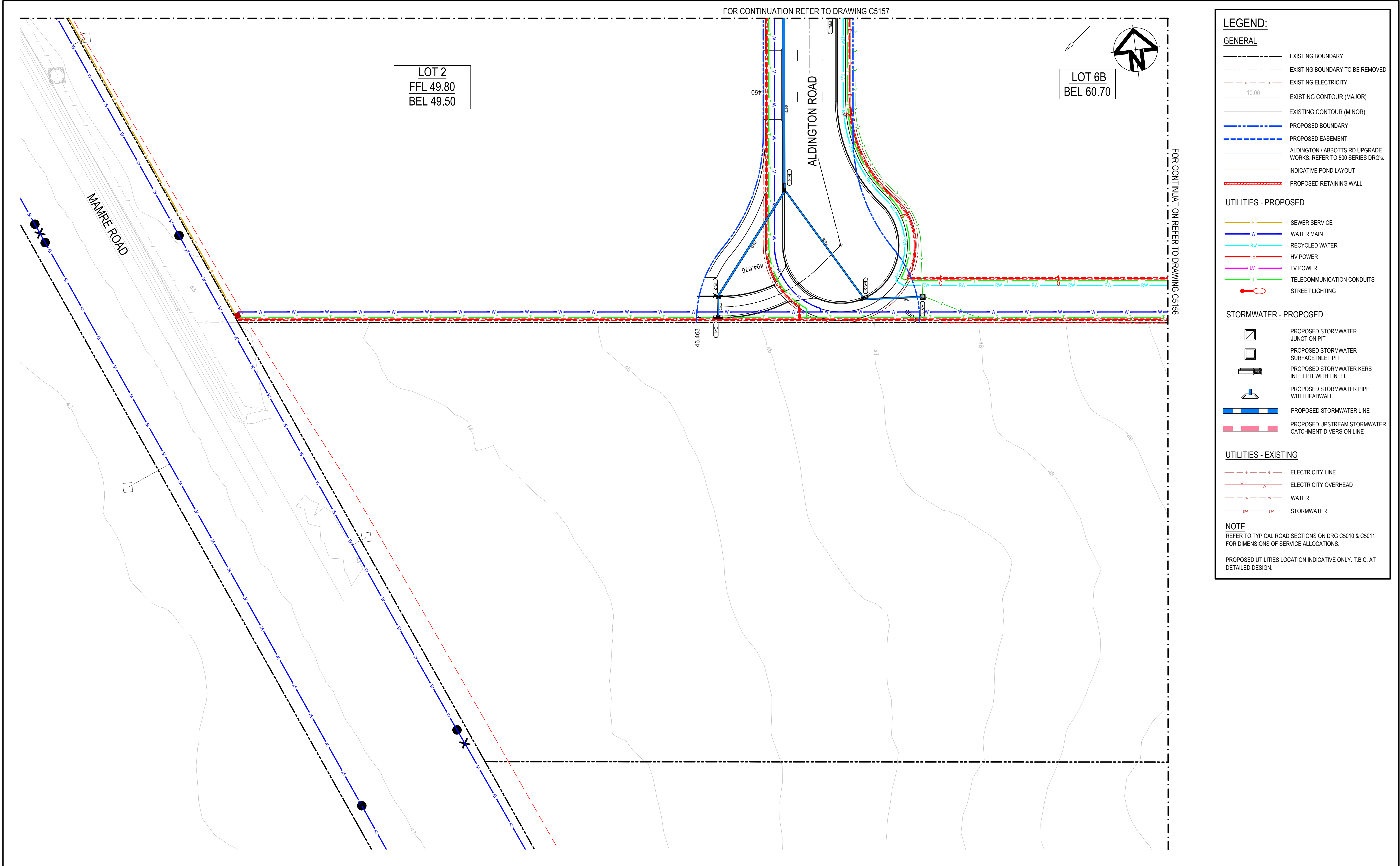
	ELECTRICITY LINE
	ELECTRICITY OVERHEAD
	WATER
	STORMWATER

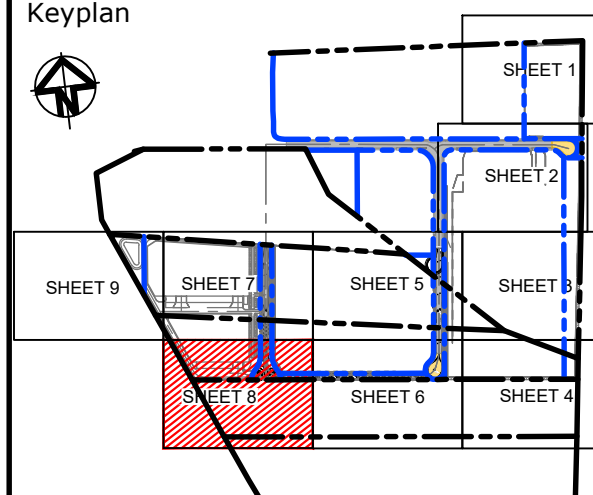



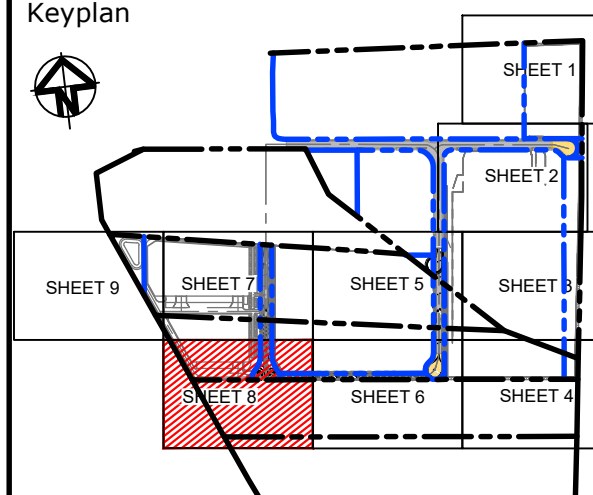

NOTE

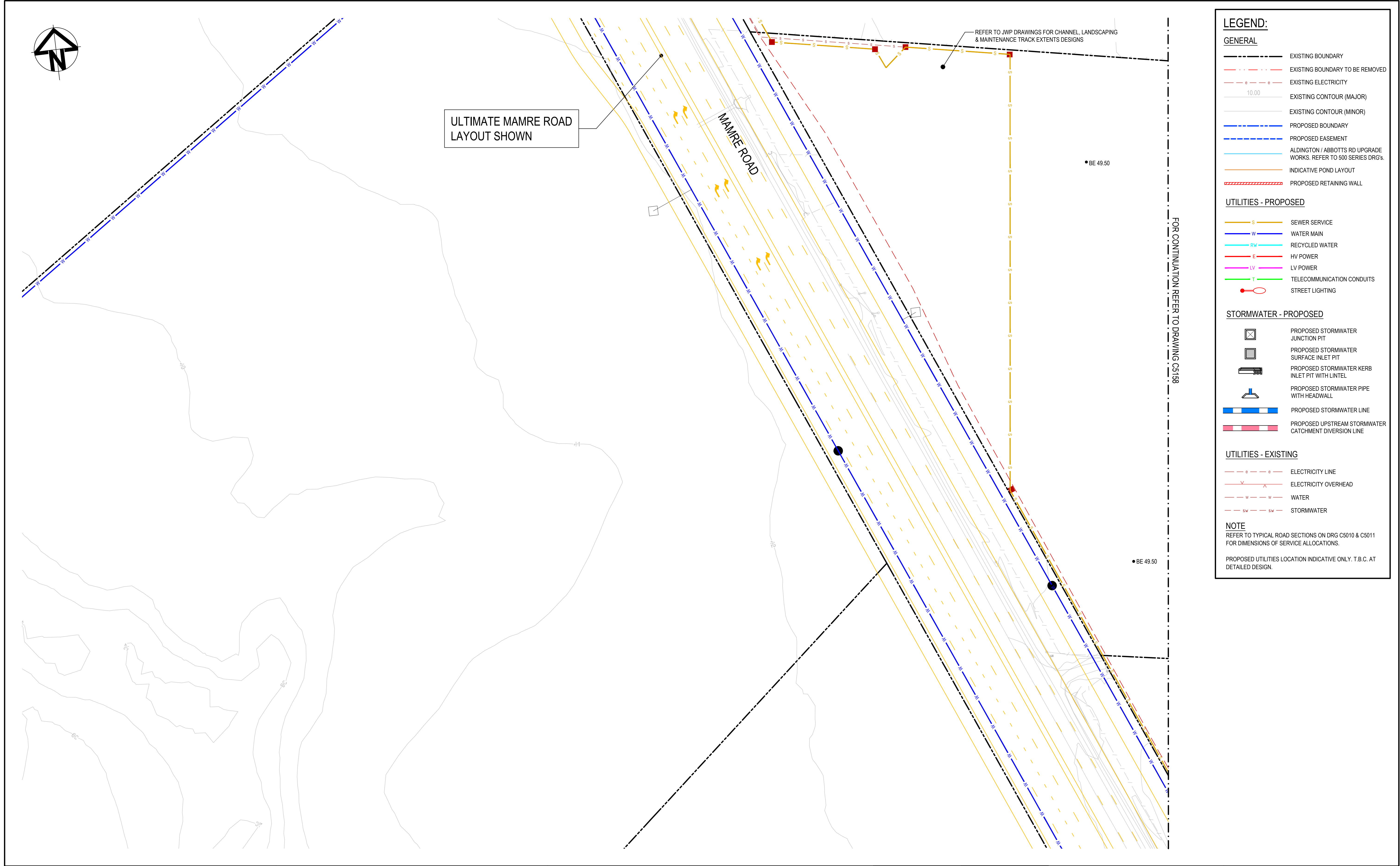
REFER TO TYPICAL ROAD SECTIONS ON DRG C5010 & C5011 FOR DIMENSIONS OF SERVICE ALLOCATIONS.


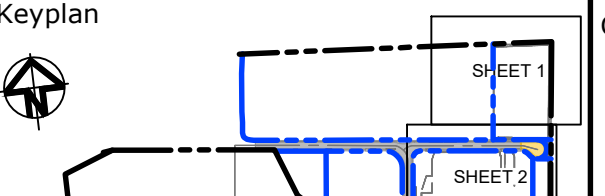



PROPOSED UTILITIES LOCATION INDICATIVE ONLY. T.B.C. AT DETAILED DESIGN.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



			Bar Scales		<div>Keyplan</div> 	<div>Client</div> 	<div>Scales</div> <div>1 : 500</div>		<div>Drawn</div> <div>LM</div>	<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>	<div>Civil Engineers and Project Managers</div> <div>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 : 500 @ A1 1 : 1000 @ A3</div>				<div>Grid</div> <div>MGA2020</div>		<div>Designed</div> <div>LM</div>				<div>Title</div> <div>SERVICES AND UTILITIES COORDINATION PLAN SHEET 7</div>		
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23					<div>Height Datum</div> <div>AHD</div>		<div>Checked</div> <div>AT</div>	<div>GDALogo</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>SERVICES AND UTILITIES COORDINATION PLAN SHEET 7</div>	<div>Status</div> <div>FOR APPROVAL</div>	<div>A1</div>		
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23							<div>Approved</div> <div>AT</div>			<div>NOT TO BE USED FOR CONSTRUCTION</div>			
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23							<div>Project - Drawing No.</div> <div>20-748-C5158</div>			<div>Issue</div> <div>D</div>			
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22													
Issue	Description	Date													

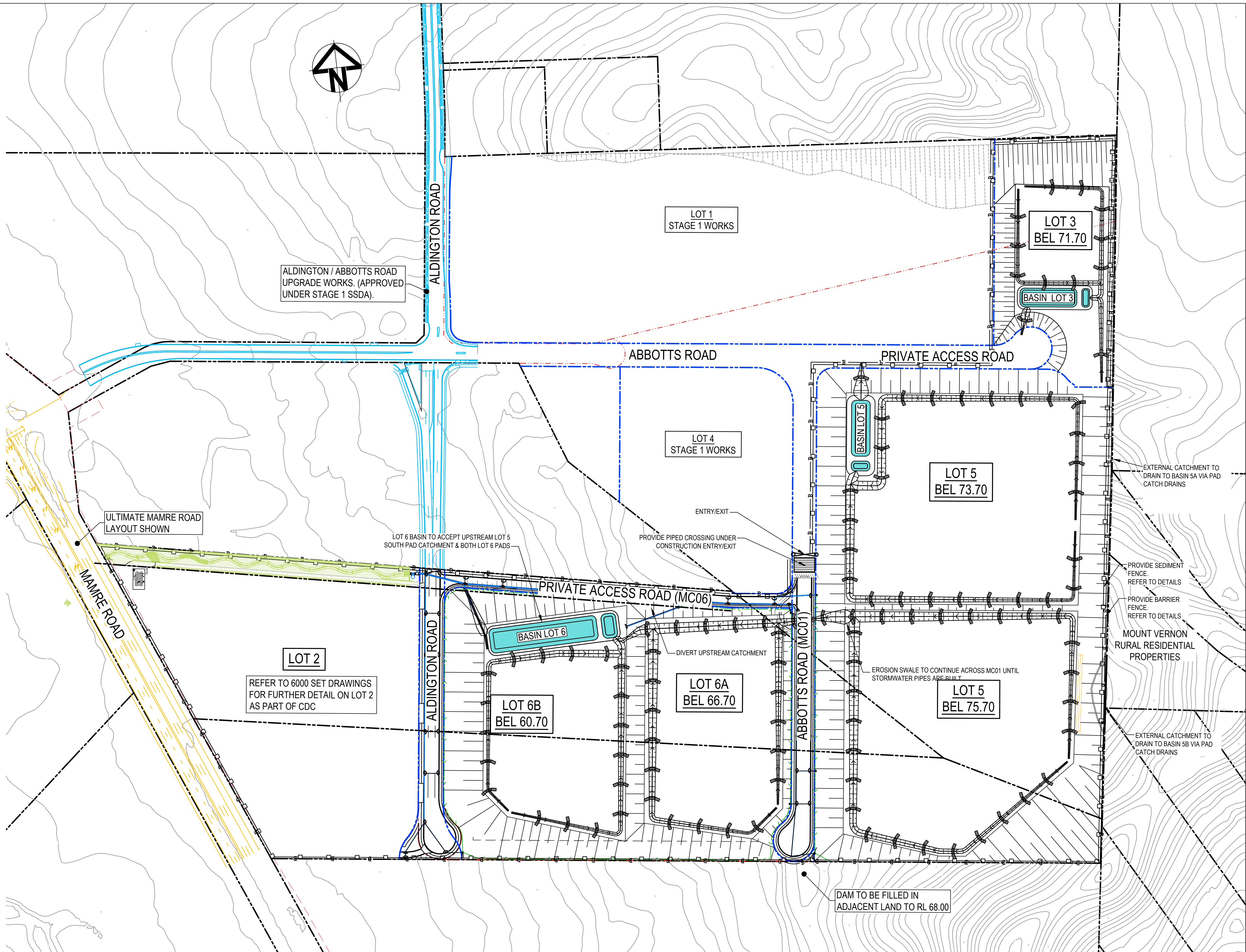


			Bar Scales		Keyplan		Client		Scales		Drawn		Project		Civil Engineers and Project Managers	
									1 : 500		LM		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		 Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
			1 : 500 @ A1 1 : 1000 @ A3						MGA2020		Checked LM					
									AHD		Approved AT					
													Title			
									THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L				SERVICES AND UTILITIES COORDINATION PLAN SHEET 8		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION A1	
													Project - Drawing No. 20-748-C5159		Issue D	

LEGEND

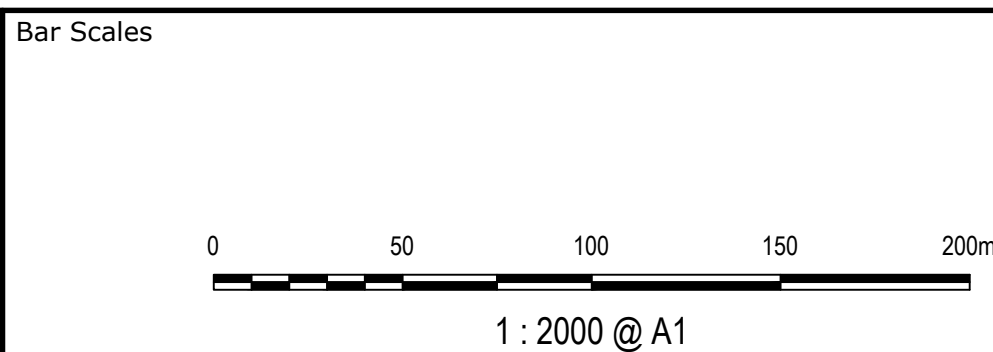
- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- PROPOSED BOUNDARY
- PROPOSED RETAINING WALL
- SEDIMENT FENCE
- CATCH DRAIN
- BARRIER FENCE
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA
- PROPOSED SITE ACCESS GATE
- STRAW BALE FILTER (SD 6-7)
- PROPOSED SEDIMENT BASIN

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



ALL LEVELS SHOWN ± 1000mm U.N.O

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



Client



Scales

1 : 2000

Grid

MGA2020

Height Datum

AHD

Drawn

LM

Designed

LM

Checked

AT

Approved

AT



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

Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

EROSION AND SEDIMENT CONTROL 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

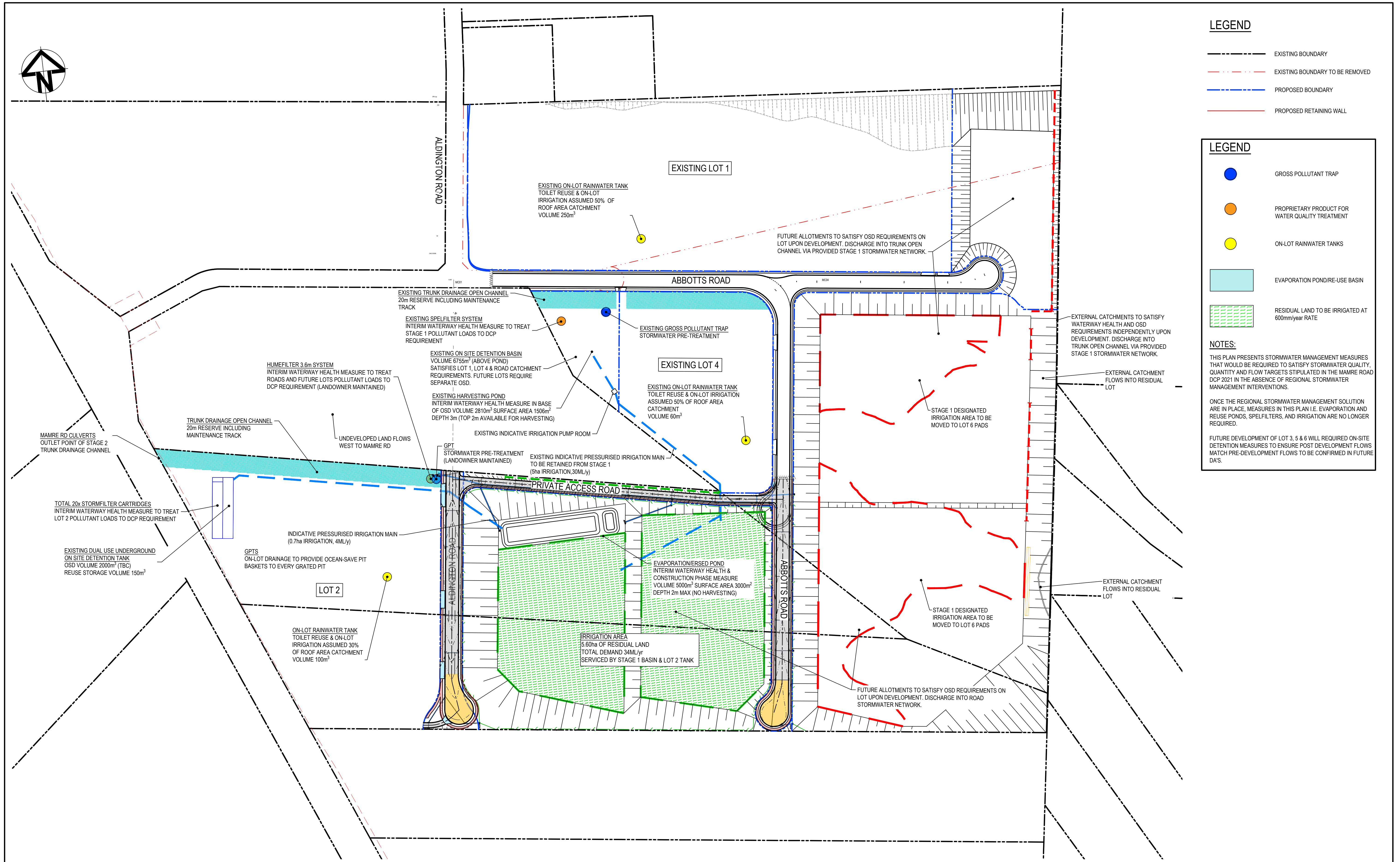
Project - Drawing No.

20-748-C5201

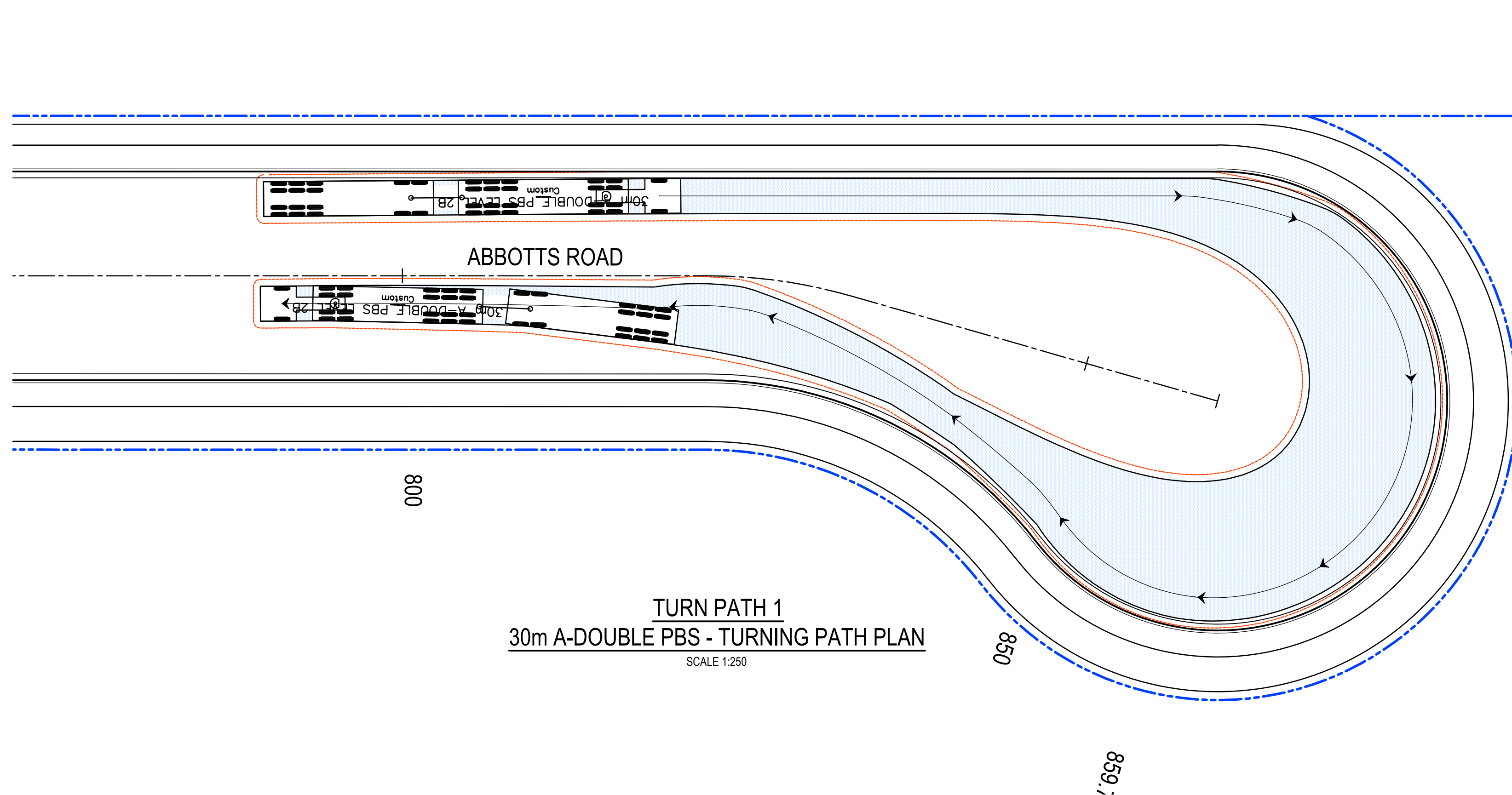
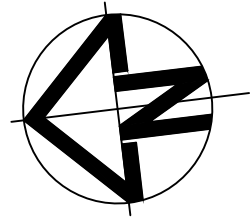
A1

Issue

D

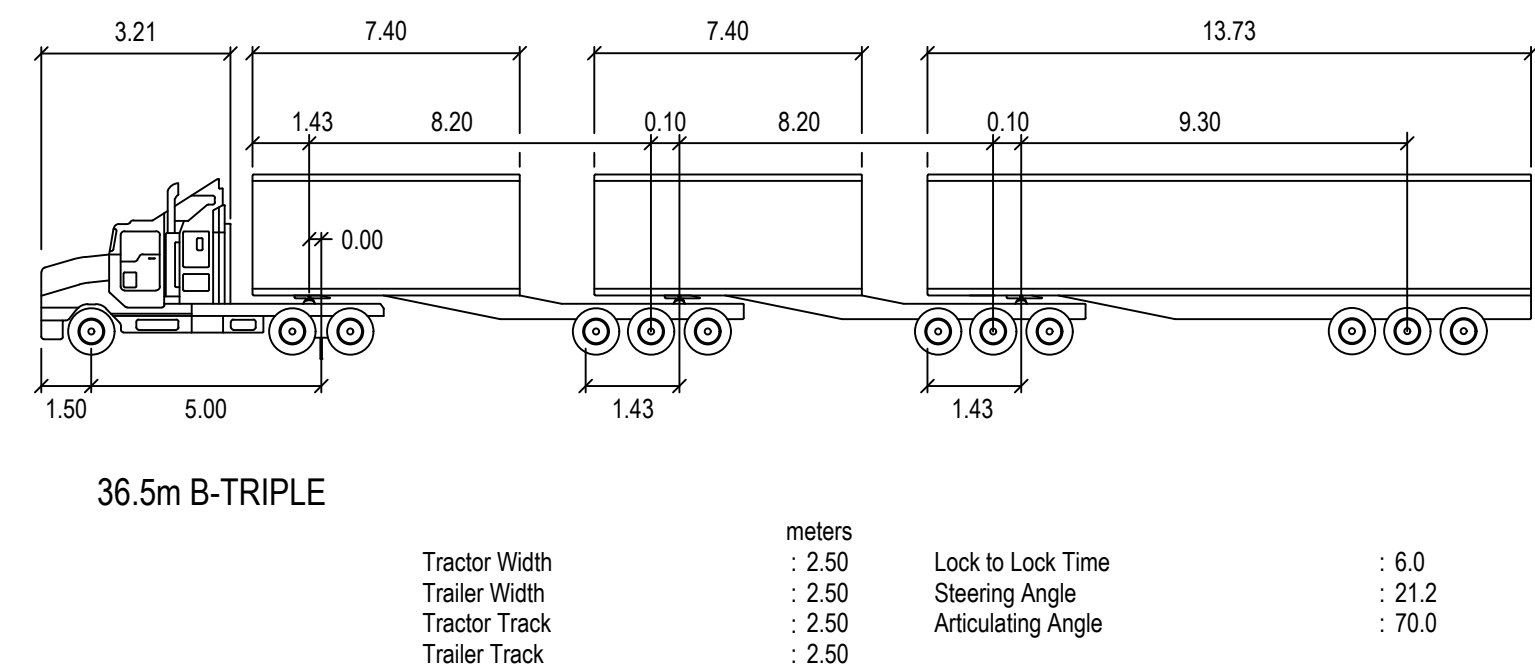
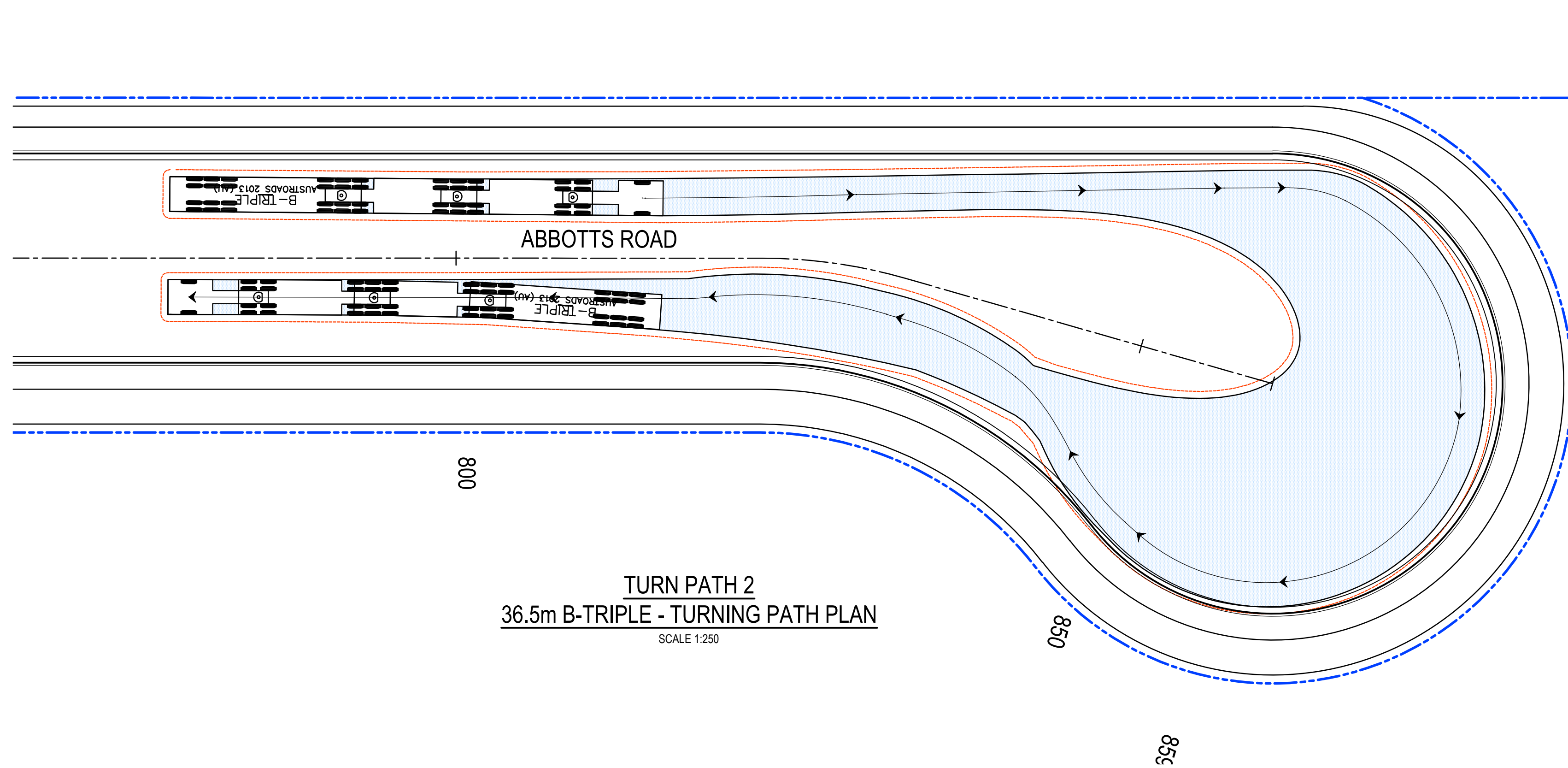
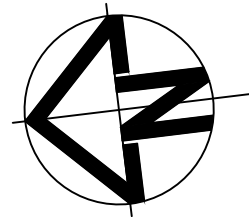
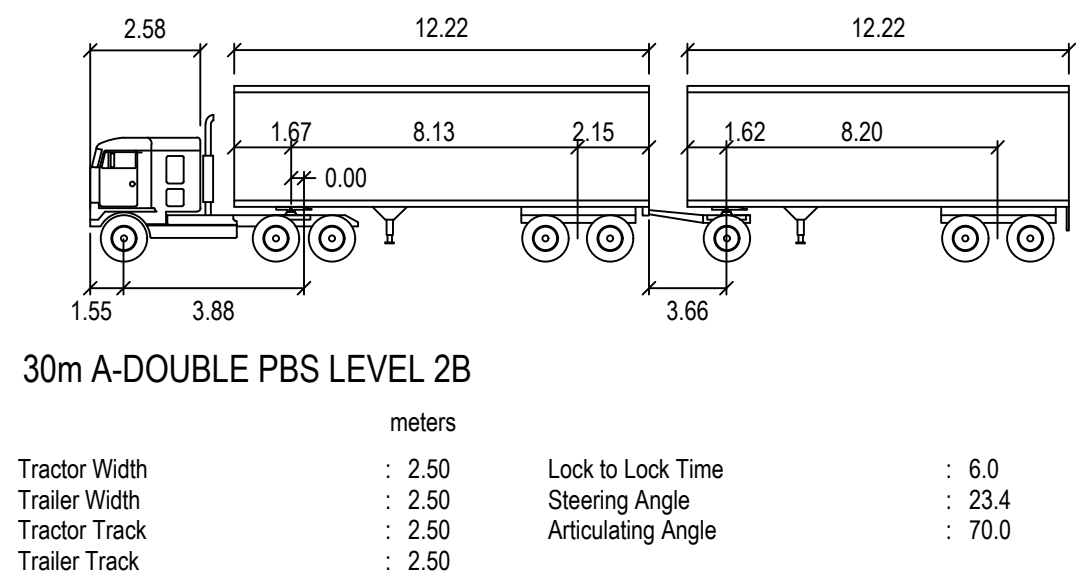


			Bar Scales																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
--	--	--	------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

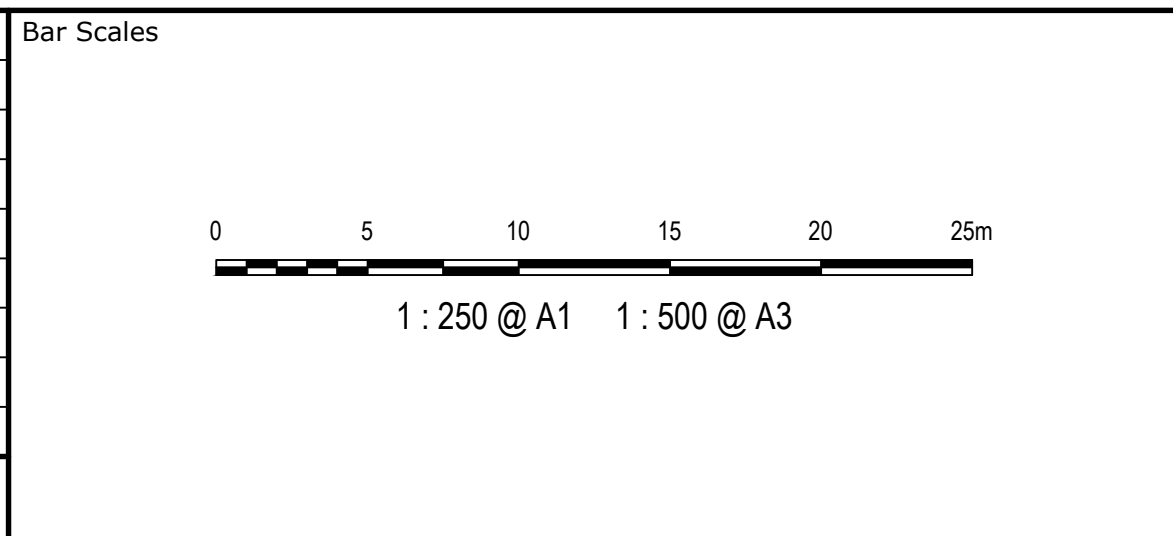


LEGEND:

- VEHICLE BODY ENVELOPE
- 0.5m VEHICLE BODY CLEARANCE ENVELOPE



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



Client

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

Project

PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK

Title

VEHICLE TURNING PATH PLAN SHEET 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

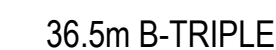
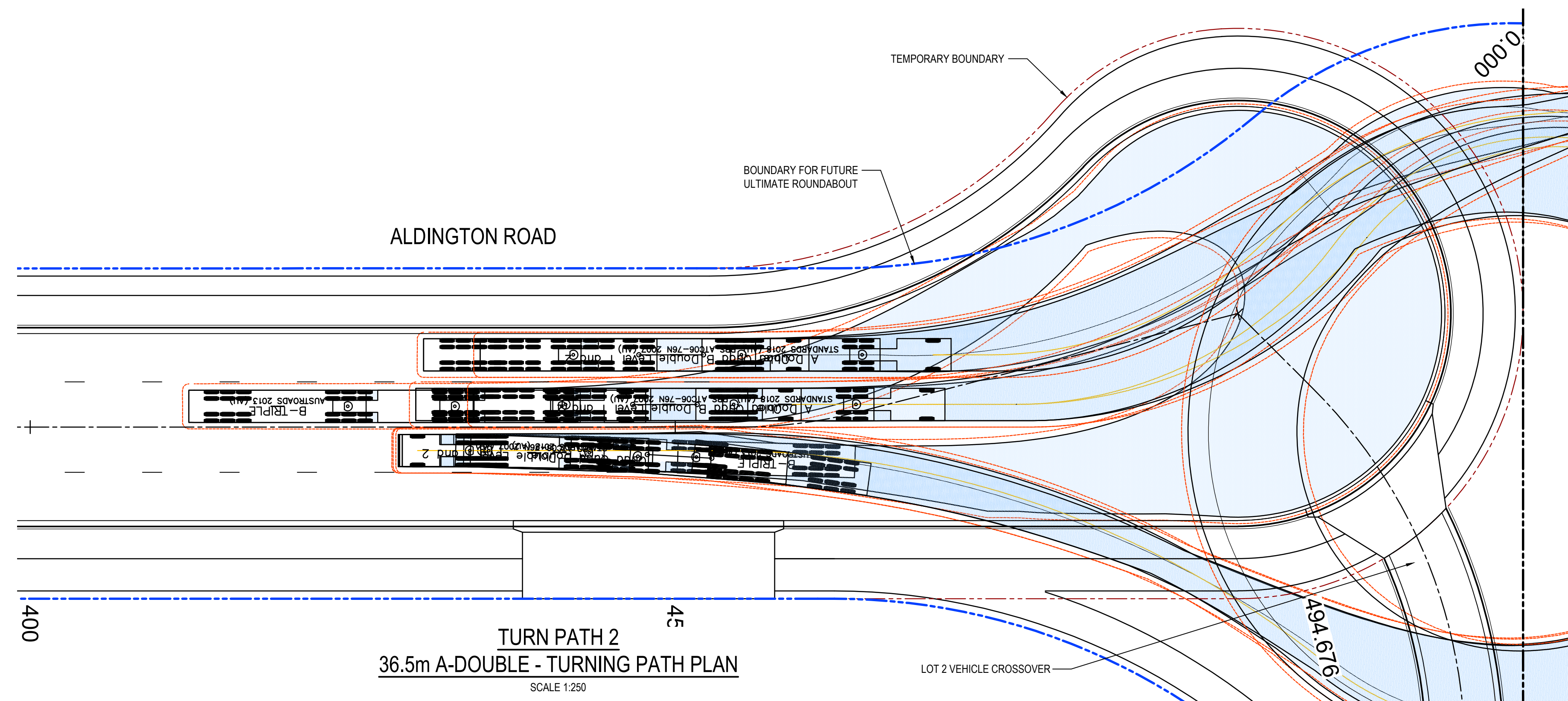
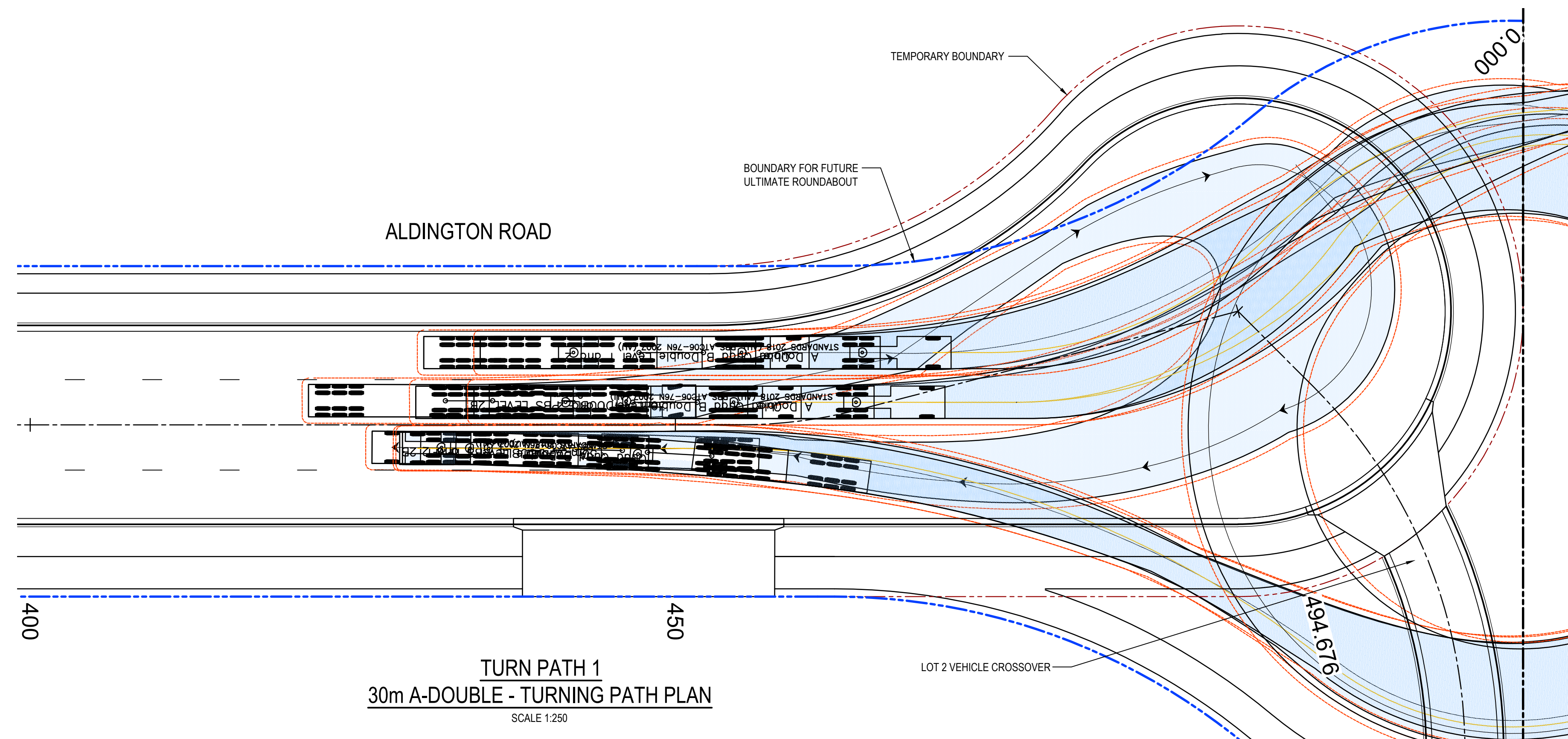
Project - Drawing No.

20-748-C5311

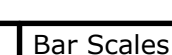
Issue

D


A1



100mm on Original




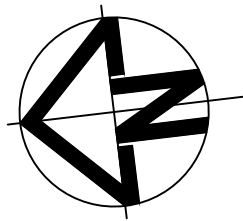
Scales 1 : 250		Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT



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

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

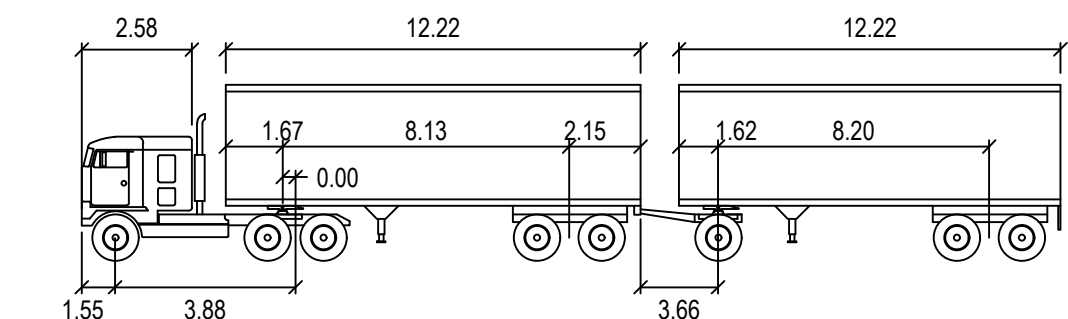
Civil Engineers and Project Managers	
	Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 852 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au
Status FOR APPROVAL <u>NOT TO BE USED FOR CONSTRUCTION</u>	A1 Issue D
Project - Drawing No. 20-748-C5312	



LEGEND:

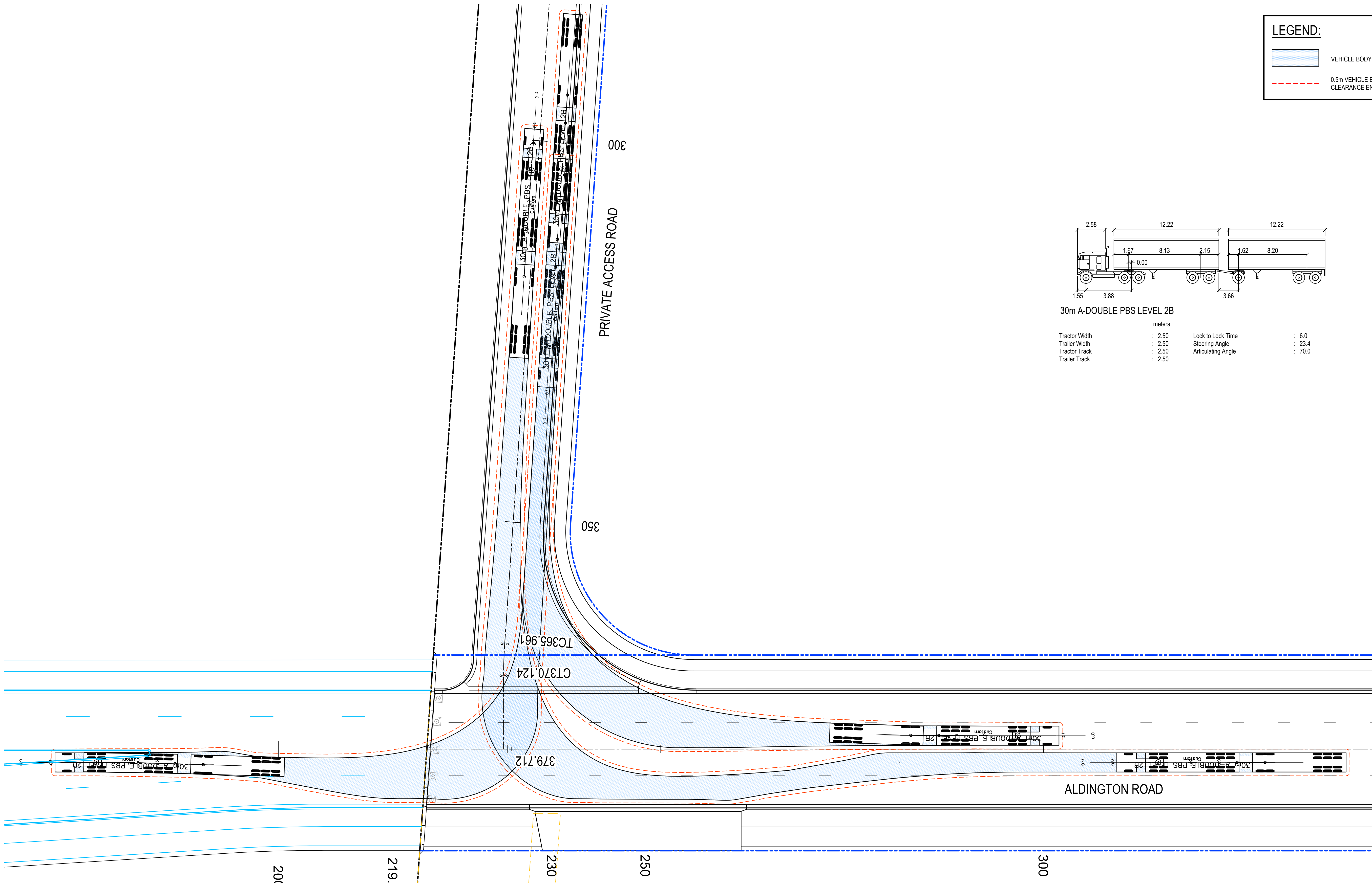
VEHICLE BODY ENVELOPE

0.5m VEHICLE BODY
CLEARANCE ENVELOPE



30m A-DOUBLE PBS LEVEL 2B

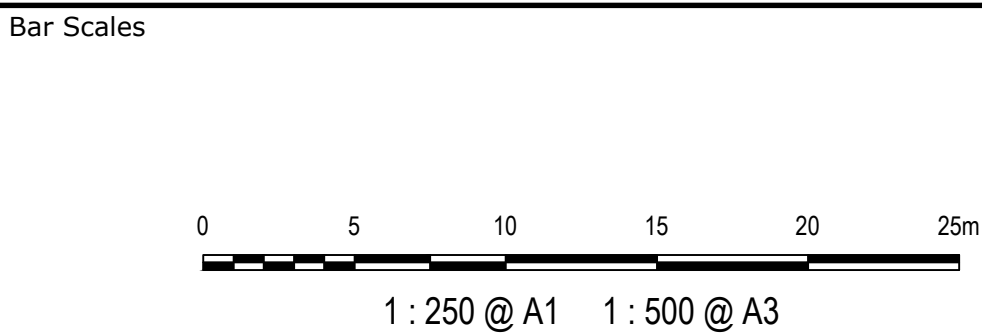
	meters		
Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 23.4
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		



30m A-DOUBLE PBS - TURNING PATH PLAN

SCALE 1:250

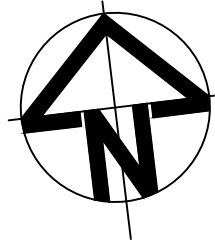
Issue	Description	Date
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



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

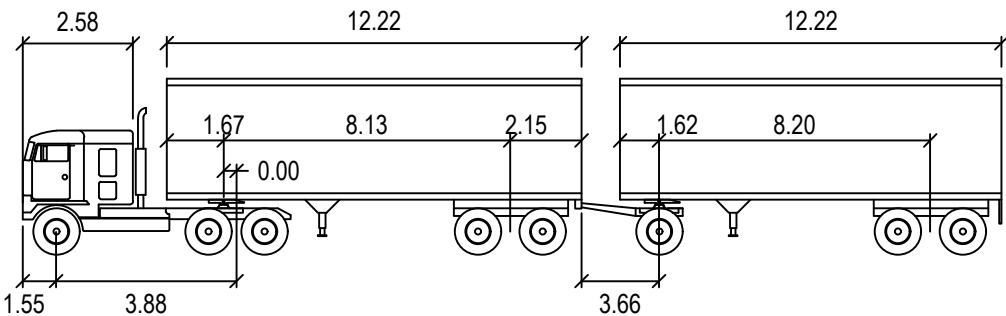
Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	VEHICLE TURNING PATH PLAN SHEET 3

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
Project - Drawing No.	20-748-C5313
Issue	D



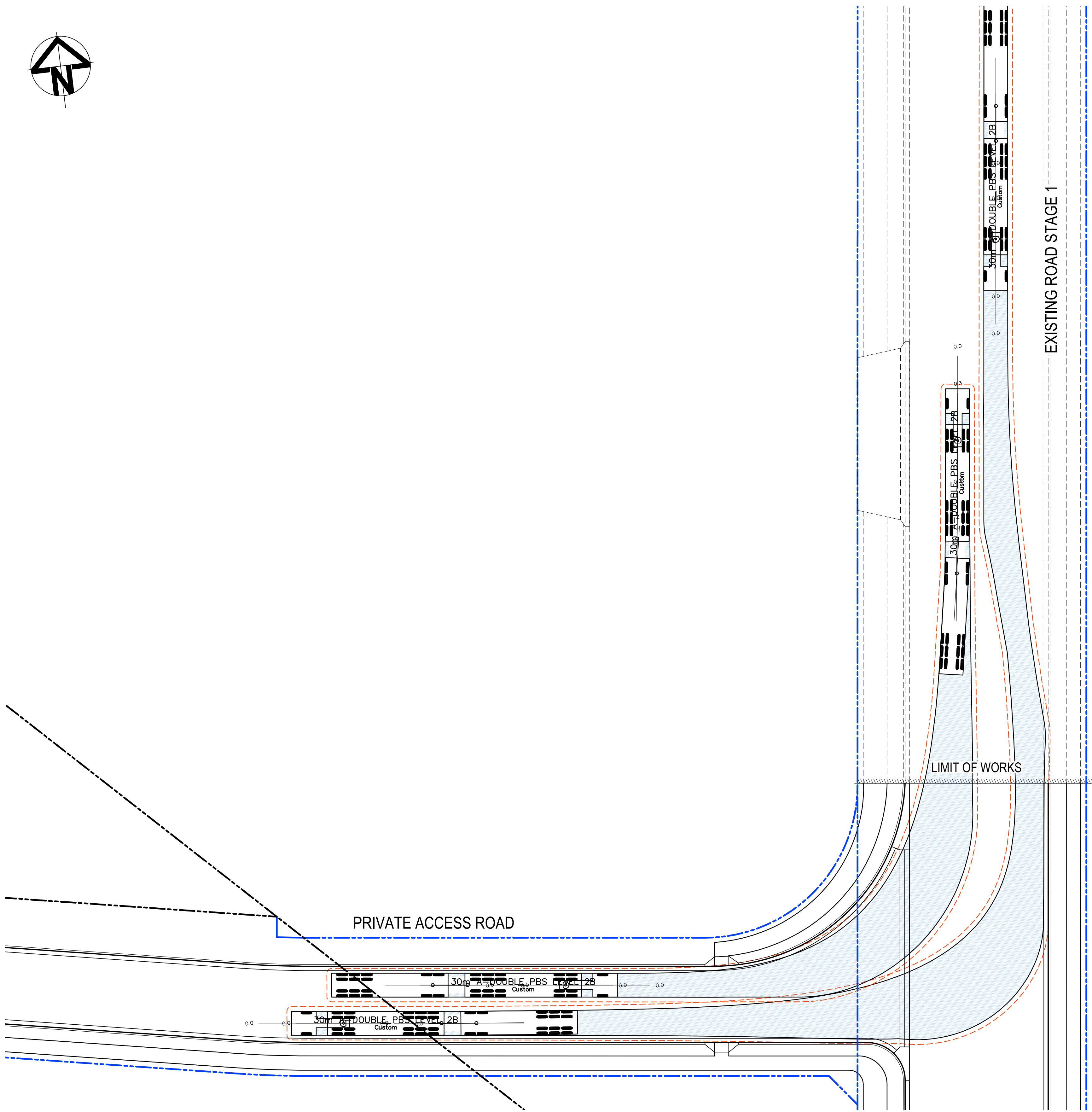
LEGEND:

- VEHICLE BODY ENVELOPE
- 0.5m VEHICLE BODY CLEARANCE ENVELOPE



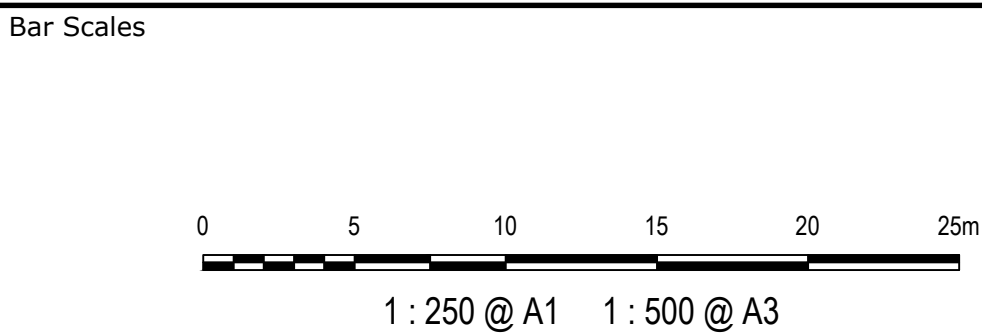
30m A-DOUBLE PBS LEVEL 2B

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



30m A-DOUBLE PBS - TURNING PATH PLAN
SCALE 1:250

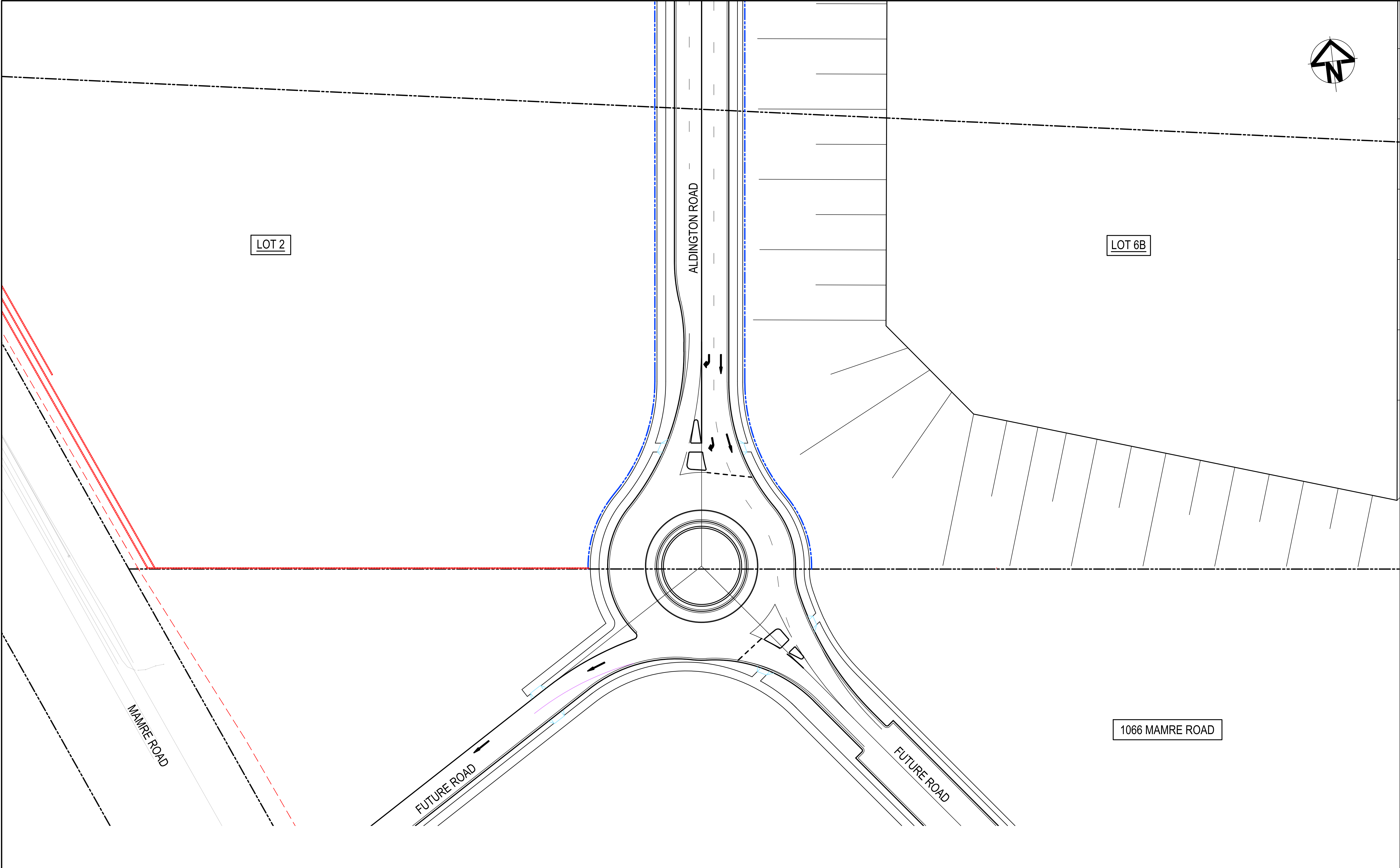
Issue	Description	Date
D	ISSUED FOR DEVELOPMENT APPLICATION	27-09-23
C	ISSUED FOR DEVELOPMENT APPLICATION	12-09-23
B	ISSUED FOR DEVELOPMENT APPLICATION	23-02-23
A	ISSUED FOR DEVELOPMENT APPLICATION	25-10-22



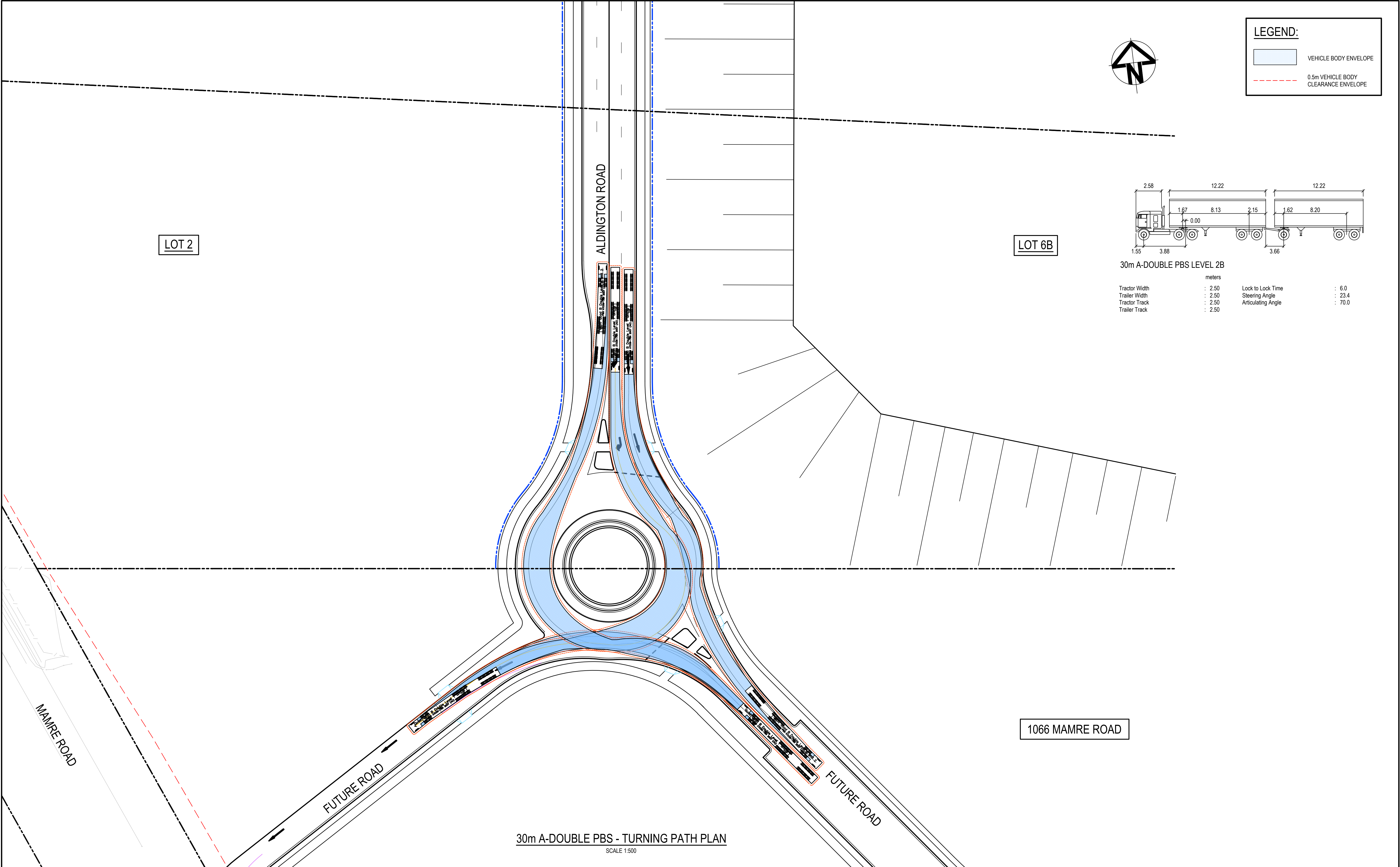
Scales	1 : 250	Drawn	LM
		Designed	LM
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	AT
GDA2020			
THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			

Project	PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK
Title	VEHICLE TURNING PATH PLAN SHEET 4

Civil Engineers and Project Managers	
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-C5314
Issue	D



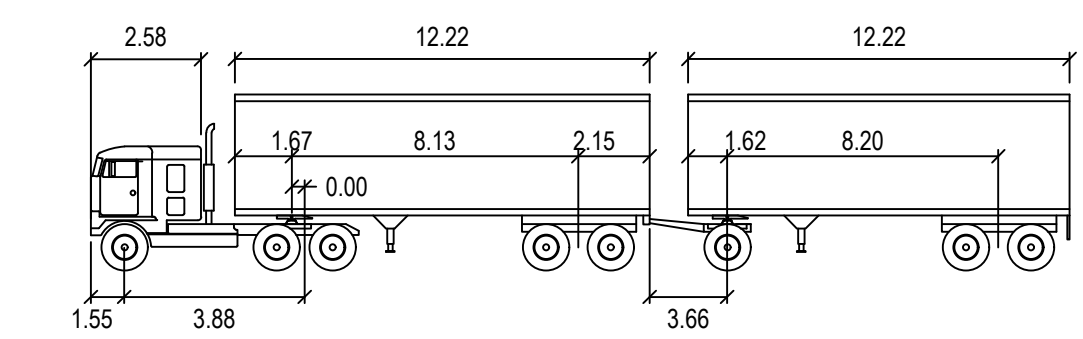
		Bar Scales				Client		<div>ESR</div>		<div>Scales</div> <div>1 : 500</div> <div>Grid MGA2020</div> <div>Height Datum AHD</div>		<div>Drawn</div> <div>Designed</div> <div>Checked</div> <div>Approved</div>		<div>QD</div> <div>LM</div> <div>AT</div> <div>AT</div>		<div>Project</div> <div>PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK</div>		<div>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>0 10 20 30 40 50m</div> <div>1 : 500 @ A1 1 : 1000 @ A3</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>Title</div> <div>FUTURE ROUNDABOUT PLAN</div>		<div>Status</div> <div>FOR APPROVAL</div> <div>NOT TO BE USED FOR CONSTRUCTION</div>		<div>A1</div>	
<div>A</div> <div>ISSUED FOR DEVELOPMENT APPLICATION</div> <div>??</div>														<div>Project - Drawing No.</div> <div>20-748-C5320</div>		<div>Issue</div> <div>A</div>			



LEGEND:

VEHICLE BODY ENVELOPE

0.5m VEHICLE BODY CLEARANCE ENVELOPE

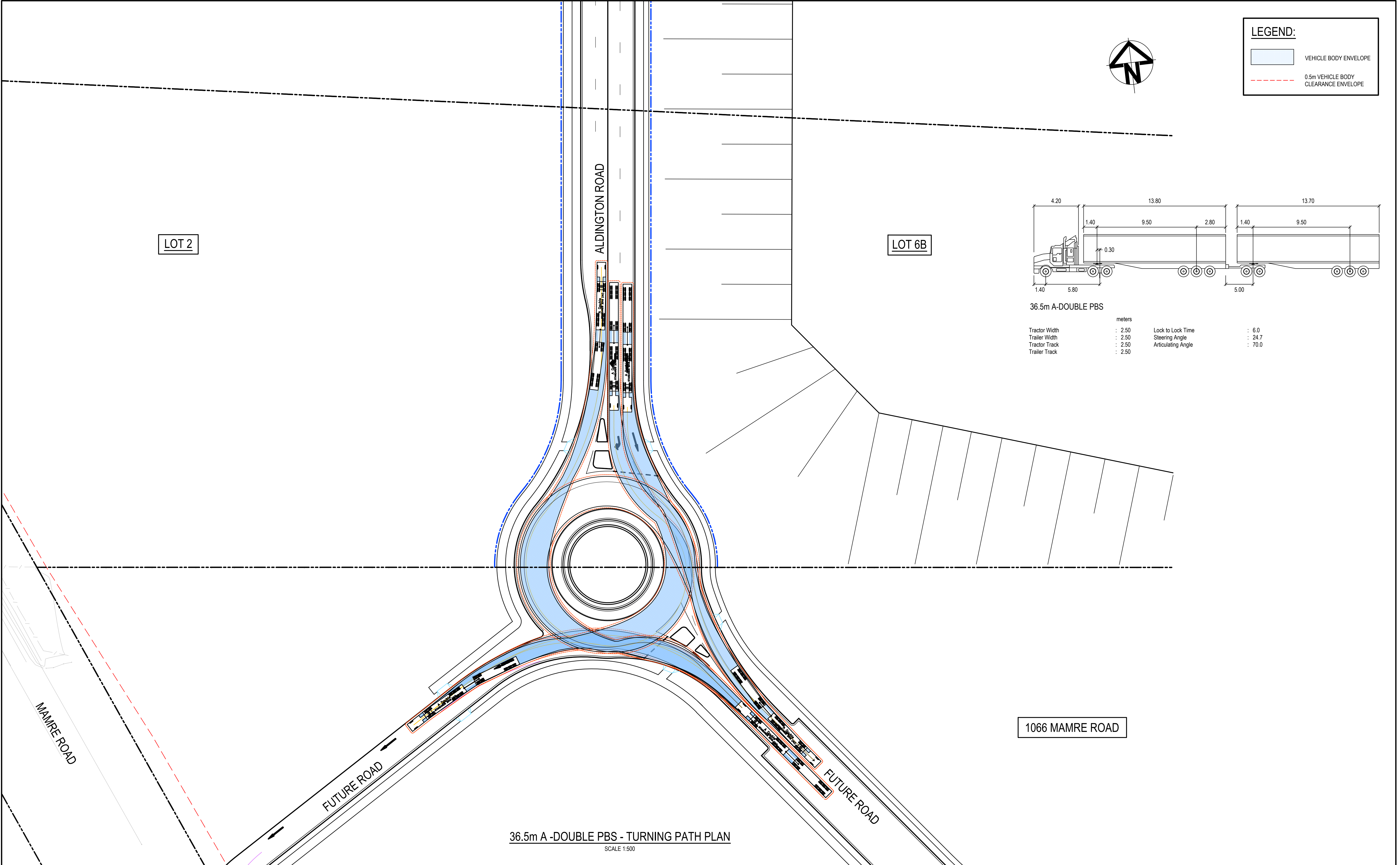


30m A-DOUBLE PBS LEVEL 2B

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

		Bar Scales				Client		Scales		Drawn		Project		Civil Engineers and Project Managers	
								1 : 500		Designed		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
		1 : 500 @ A1 1 : 1000 @ A3						Grid MGA2020		Checked					
								Height Datum AHD		Approved					
												Title			
								THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L				FUTURE ROUNDABOUT TURNING PATH PLAN SHEET 1		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	
A ISSUED FOR DEVELOPMENT APPLICATION ??												Project - Drawing No. 20-748-C5321		Issue A	
Issue Description Date															

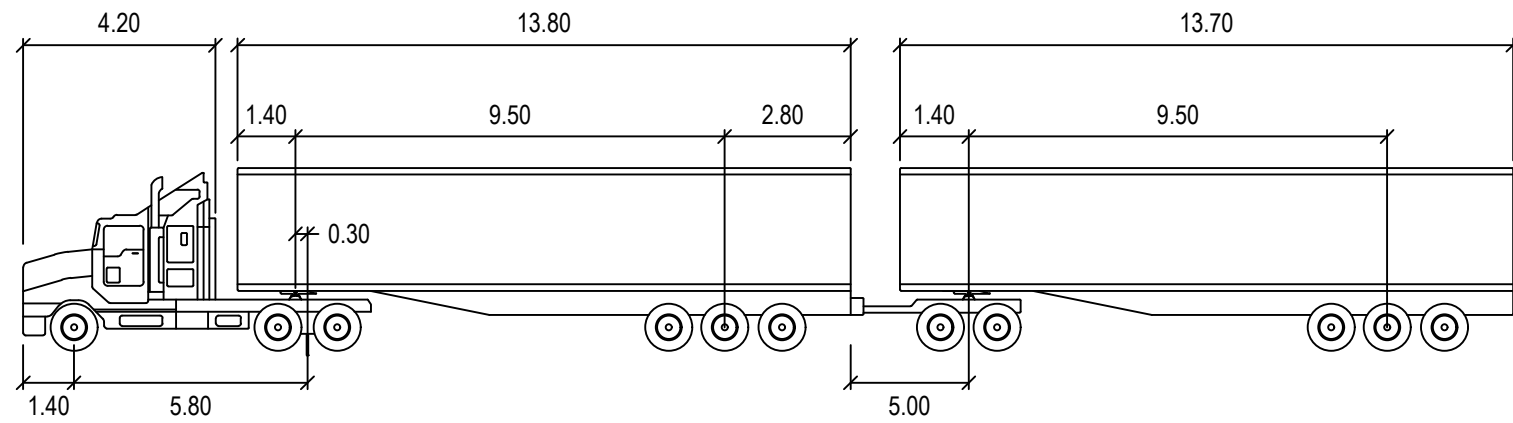
100mm on Original



LEGEND:

VEHICLE BODY ENVELOPE

0.5m VEHICLE BODY CLEARANCE ENVELOPE



36.5m A-DOUBLE PBS

	Tractor Width	: 2.50	Lock to Lock Time	: 6.0
	Trailer Width	: 2.50	Steering Angle	: 24.7
	Tractor Track	: 2.50	Articulating Angle	: 70.0
	Trailer Track	: 2.50		

		Bar Scales				Client		Scales		Drawn		Project		Civil Engineers and Project Managers	
		0 10 20 30 40 50m						1 : 500		Designed QD		PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK		 Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au	
		1 : 500 @ A1 1 : 1000 @ A3						Grid MGA2020		Checked AT					
								Height Datum AHD		Approved AT					
A ISSUED FOR DEVELOPMENT APPLICATION ??								GDA2020		20-748-C5322		FUTURE ROUNDABOUT TURNING PATH PLAN SHEET 2		Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION	
Issue Description Date								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		20-748-C5322		Project - Drawing No.		Issue A	