

APPENDIX B2

COSTINROE CONSULTING TUFLOW OUTPUT DRAWINGS

FLOOD IMPACT RISK ASSESSMENT
YIRIBANA LOGISTICS ESTATE
754-786 MAMRE ROAD, KEMPS CREEK, NSW, 2178

DRAWING LIST

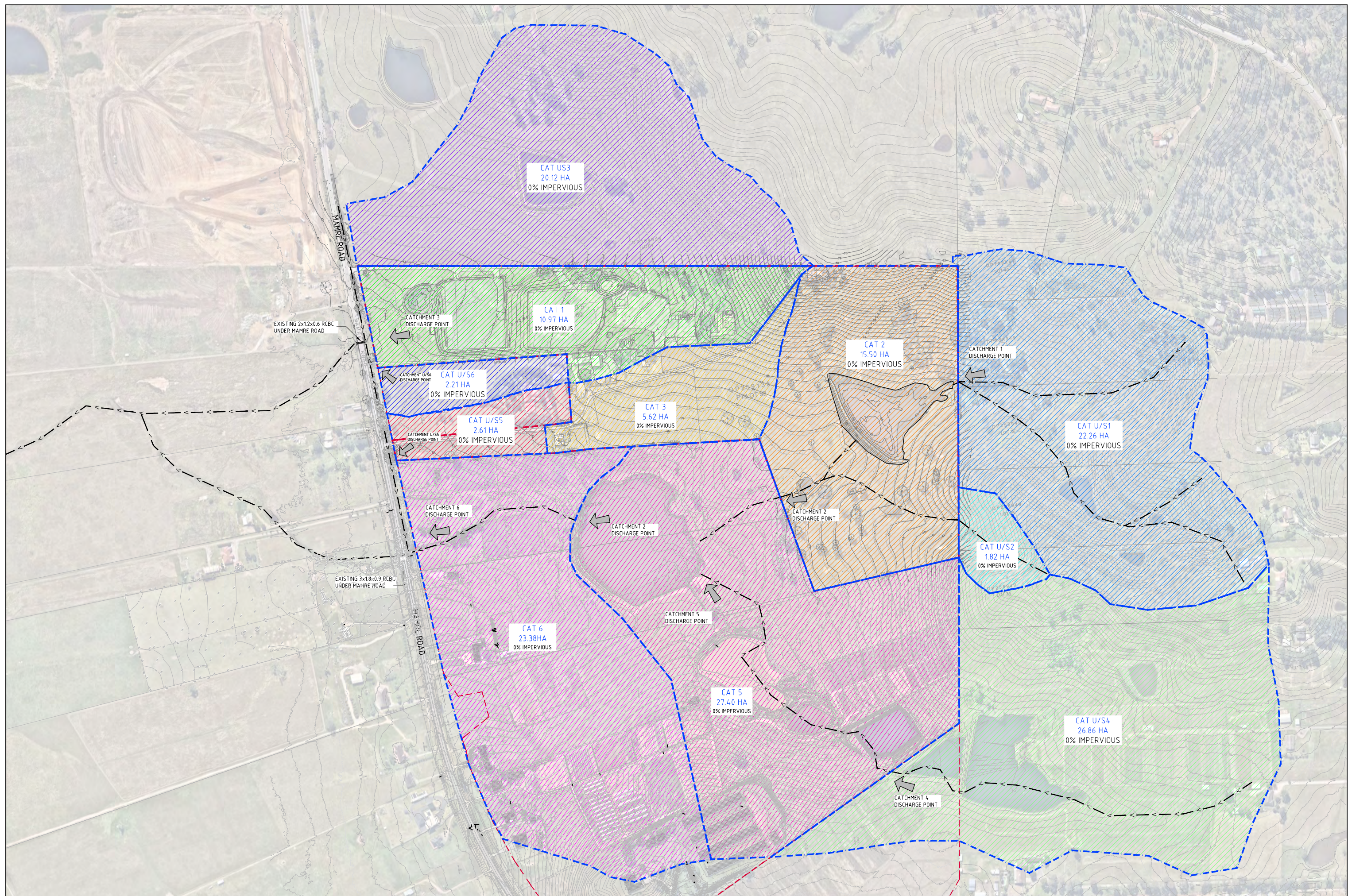
DRAWING NO.	DRAWING TITLE		
C013874.06-F100	DRAWING LIST AND LOCALITY PLAN	C013874.06-F500	4EY FLOOD LEVELS AND DEPTHS AFFLUX PLAN
C013874.06-F110	PRE-DEVELOPMENT CATCHMENT PLAN	C013874.06-F501	4EY FLOOD VELOCITY AFFLUX PLAN
C013874.06-F120	POST DEVELOPMENT CATCHMENT PLAN		
C013874.06-F130	RIPARIAN CORRIDOR MEANINGS N PLAN	C013874.06-F510	5% AEP FLOOD LEVELS AND DEPTHS AFFLUX PLAN
C013874.06-F200	4EY PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN	C013874.06-F511	5% AEP FLOOD VELOCITY AFFLUX PLAN
C013874.06-F201	4EY PRE-DEVELOPMENT FLOOD VELOCITY PLAN		
C013874.06-F202	4EY PRE-DEVELOPMENT FLOOD HAZARD PLAN	C013874.06-F520	1% AEP FLOOD LEVELS AND DEPTHS AFFLUX PLAN
		C013874.06-F521	1% AEP FLOOD VELOCITY AFFLUX PLAN
C013874.06-F210	5% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN		
C013874.06-F211	5% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN	C013874.06-F530	0.5% AEP FLOOD LEVELS AND DEPTHS AFFLUX PLAN
C013874.06-F212	5% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN	C013874.06-F531	0.5% AEP FLOOD VELOCITY AFFLUX PLAN
C013874.06-F220	1% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN	C013874.06-F540	0.2% AEP FLOOD LEVELS AND DEPTHS AFFLUX PLAN
C013874.06-F221	1% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN	C013874.06-F541	0.2% AEP FLOOD VELOCITY AFFLUX PLAN
C013874.06-F222	1% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN		
		C013874.06-F550	PMF FLOOD LEVELS AND DEPTHS AFFLUX PLAN
C013874.06-F230	0.5% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN	C013874.06-F551	PMF FLOOD VELOCITY AFFLUX PLAN
C013874.06-F231	0.5% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN		
C013874.06-F232	0.5% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN		
C013874.06-F240	0.2% AEP PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN		
C013874.06-F241	0.2% AEP PRE-DEVELOPMENT FLOOD VELOCITY PLAN		
C013874.06-F242	0.2% AEP PRE-DEVELOPMENT FLOOD HAZARD PLAN		
C013874.06-F250	PMF PRE-DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN		
C013874.06-F251	PMF PRE-DEVELOPMENT FLOOD VELOCITY PLAN		
C013874.06-F252	PMF PRE-DEVELOPMENT FLOOD HAZARD PLAN		
C013874.06-F300	4EY POST DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN		
C013874.06-F301	4EY POST DEVELOPMENT FLOOD VELOCITY PLAN		
C013874.06-F302	4EY POST DEVELOPMENT FLOOD HAZARD PLAN		
C013874.06-F305	4EY POST DEVELOPMENT FLOOD LEVELS AND DEPTHS E2 CORRIDOR PLAN		
C013874.06-F310	5% AEP POST DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN		
C013874.06-F311	5% AEP POST DEVELOPMENT FLOOD VELOCITY PLAN		
C013874.06-F312	5% AEP POST DEVELOPMENT FLOOD HAZARD PLAN		
C013874.06-F313	5% AEP POST DEVELOPMENT FLOOD VELOCITY E2 CORRIDOR PLAN		
C013874.06-F314	5% AEP POST DEVELOPMENT FLOOD BED SHEAR STRESS PLAN		
C013874.06-F315	5% AEP POST DEVELOPMENT FLOOD LEVELS AND DEPTHS E2 CORRIDOR PLAN		
C013874.06-F320	1% AEP POST DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN		
C013874.06-F321	1% AEP POST DEVELOPMENT FLOOD VELOCITY PLAN		
C013874.06-F322	1% AEP POST DEVELOPMENT FLOOD HAZARD PLAN		
C013874.06-F323	1% AEP POST DEVELOPMENT FLOOD VELOCITY E2 CORRIDOR PLAN		
C013874.06-F324	1% AEP POST DEVELOPMENT FLOOD BED SHEAR STRESS PLAN		
C013874.06-F325	1% AEP POST DEVELOPMENT FLOOD LEVELS AND DEPTHS E2 CORRIDOR PLAN		
C013874.06-F330	0.5% AEP POST DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN		
C013874.06-F331	0.5% AEP POST DEVELOPMENT FLOOD VELOCITY PLAN		
C013874.06-F332	0.5% AEP POST DEVELOPMENT FLOOD HAZARD PLAN		
C013874.06-F335	0.5% AEP POST DEVELOPMENT FLOOD LEVELS AND DEPTHS E2 CORRIDOR PLAN		
C013874.06-F340	0.2% AEP POST DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN		
C013874.06-F341	0.2% AEP POST DEVELOPMENT FLOOD VELOCITY PLAN		
C013874.06-F342	0.2% AEP POST DEVELOPMENT FLOOD HAZARD PLAN		
C013874.06-F345	0.2% AEP POST DEVELOPMENT FLOOD LEVELS AND DEPTHS E2 CORRIDOR PLAN		
C013874.06-F350	PMF POST DEVELOPMENT FLOOD LEVELS AND DEPTHS PLAN		
C013874.06-F351	PMF POST DEVELOPMENT FLOOD VELOCITY PLAN		
C013874.06-F352	PMF POST DEVELOPMENT FLOOD HAZARD PLAN		
C013874.06-F355	PMF POST DEVELOPMENT FLOOD LEVELS AND DEPTHS E2 CORRIDOR PLAN		



 **LOCALITY PLAN**
NTS

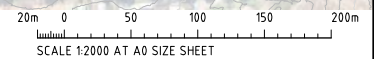
FOR INFORMATION ONLY

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RAFTS MODEL PRE-DEVELOPMENT CATCHMENT PLAN
SCALE 1:2000

FOR INFORMATION ONLY



ISSUED FOR INFORMATION 29.11.23 C 22.05.23 B ISSUED FOR INFORMATION 22.09.21 A AMENDMENTS DATE ISSUE AMENDMENTS										ARCHITECT SBA ARCHITECTS CLINTON STREET, SYDNEY NSW 2000 02 9093 4900 info@sba-architects.com.au										CLIENT GPT The GPT Group										PROJECT YIRIBANA LOGISTICS ESTATE 754-770 & 784-786 MAMRE ROAD KEMPS CREEK NSW DESIGNED DRAWN DATE MAY 23 CHECKED HW SCALE 1:6500 CAD REF. COSTLR06-F10										CONSULT AUSTRALIA PO Box N419 Sydney NSW 1220 Level 4, Windmill Street, Millers Point NSW 2000 g+ +612 9241 3733 e mail@costinroe.com.au										CRC CIVIL & STRUCTURAL ENGINEERS										DRAWING TITLE RAFTS MODEL CATCHMENT PLAN PRE-DEVELOPMENT DRAWING NO. C013874.06-F10									
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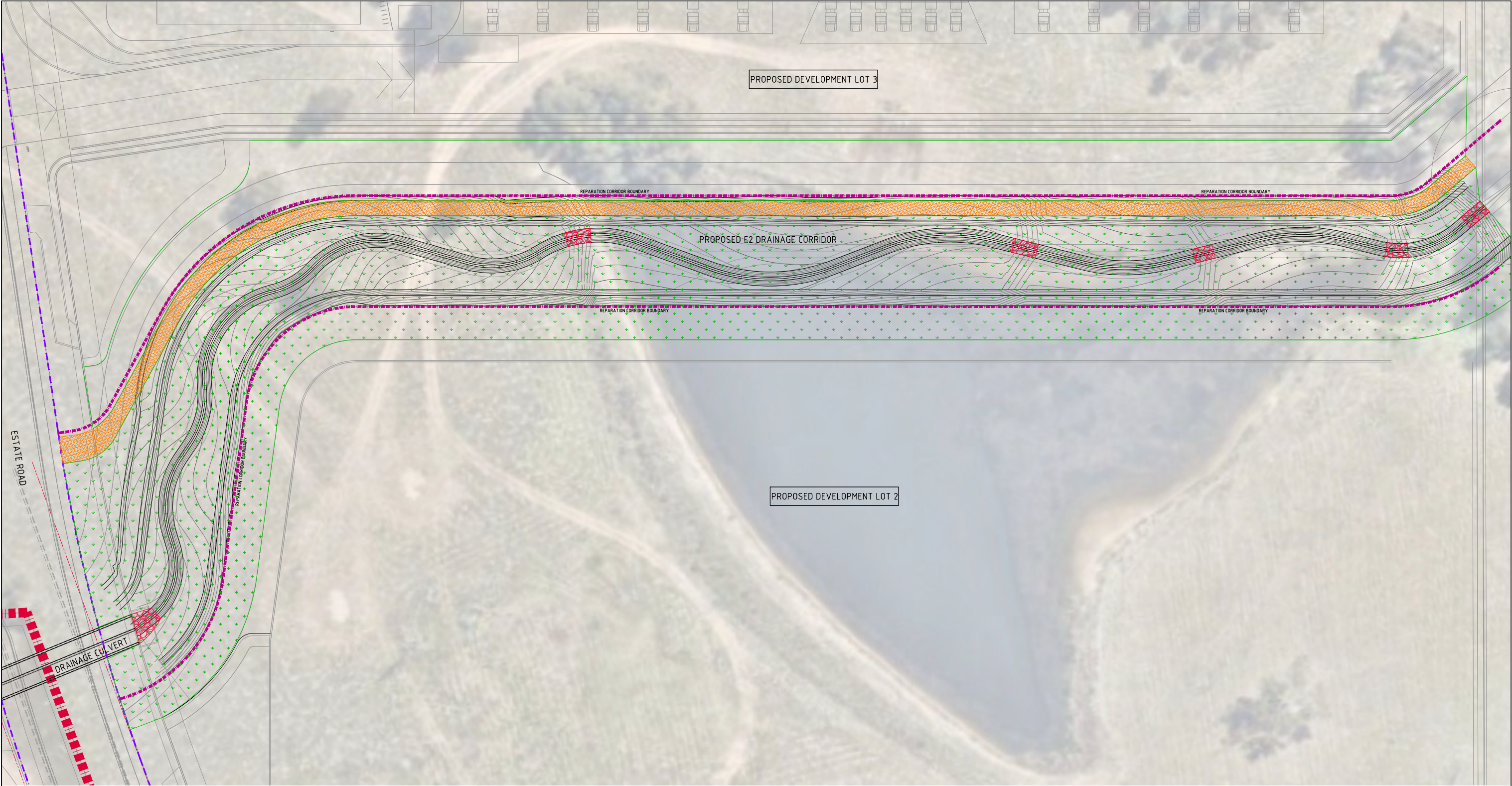


 RAFTS MODEL POST DEVELOPMENT CATCHMENT PLAN
SCALE 1:2000

FOR INFORMATION ONLY

20m 0 50 100 150 200m
SCALE 1:2000 AT A0 SIZE SHEET

ISSUED FOR INFORMATION				29.11.23				C			
ISSUED FOR INFORMATION				22.05.23				B			
ISSUED FOR INFORMATION				22.09.21				A			
AMENDMENTS				DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE
ARCHITECT				SB ARCHITECTS				CLIENT			
PROJECT				YIRIBANA LOGISTICS ESTATE				DESIGNED			
754-770 & 784-786 MAMRE ROAD				DRAWN				DATE			
KEMPS CREEK NSW				MAY 23				CHECKED			
SCALE				AS SHOWN				SCALE			
ROAD REF.				C03874-6-F120				CONSULT			
CONSULT AUSTRALIA				Costin Roe Consulting Pty Ltd.				CRC			
PO Box 2419 Sydney NSW 1220				Level 4 & 5 Woodville Street, Millers Point NSW 2000				CIVIL & STRUCTURAL ENGINEERS			
p: +61 2 9251 7699				e: +61 2 9241 3731				DRAWING TITLE			
e: mail@costinroe.com.au				w: costinroe.com.au				RAFTS MODEL POST DEVELOPMENT			
DRAWING No				C013874.06-F120				STORMWATER CATCHMENT PLAN			
BLOCK				C							

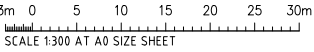


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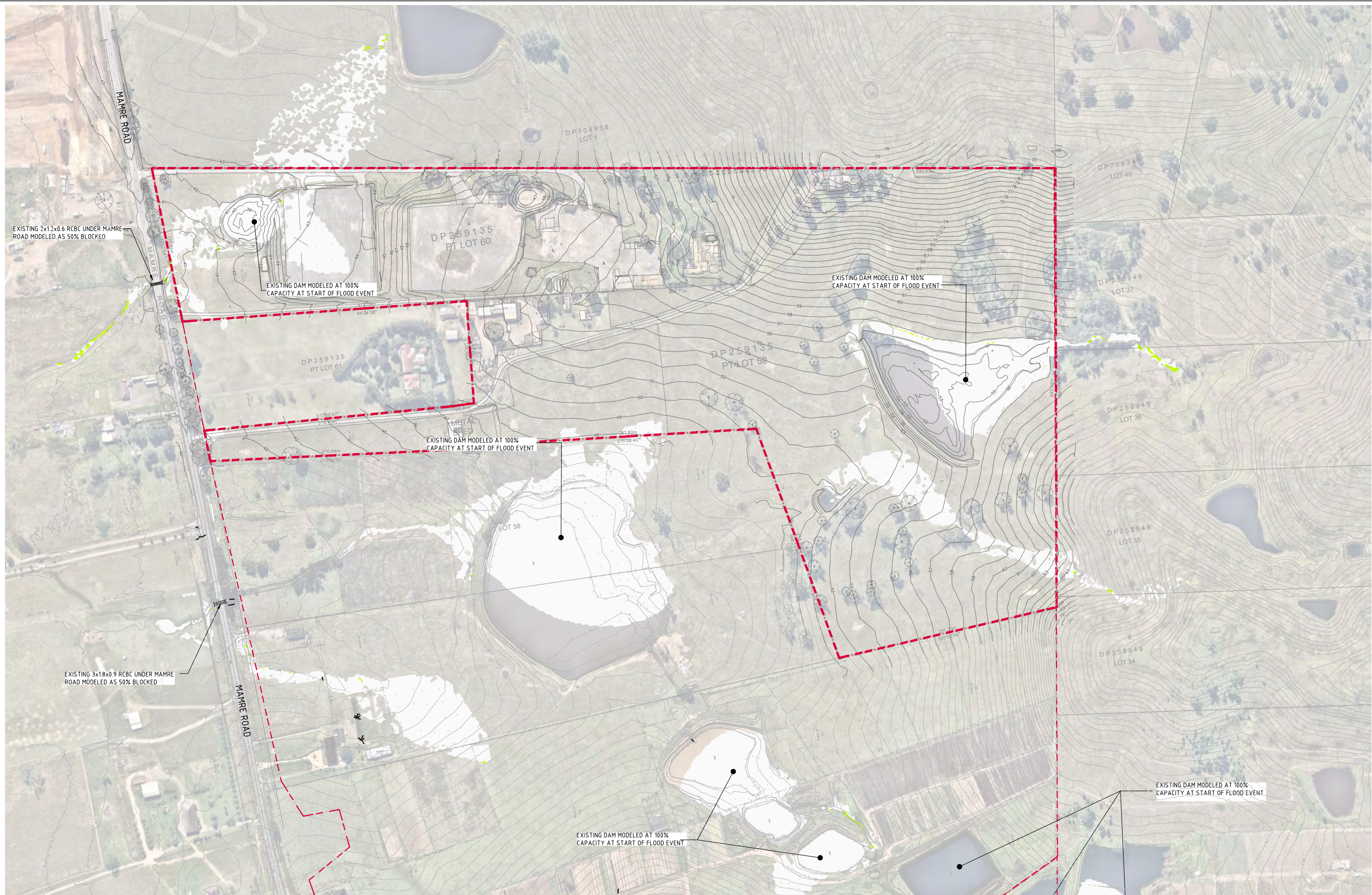
- ROCK LINED LOW FLOW CHANNEL
MANNINGS N = 0.05
- MAINTENANCE ACCESS TRACK
MANNINGS N = 0.025
- RIPARIAN PLANTING
MANNINGS N = 0.08

 **RIPARIAN CORRIDOR MANNINGS N PLAN**
SCALE 1:300

FOR INFORMATION ONLY



				ARCHITECT		CLIENT		PROJECT		CONSULT AUSTRALIA		DRAWING TITLE	
								YIRIBANA LOGISTICS ESTATE 754-770 & 784-786 MAMRE ROAD KEMPS CREEK NSW				RIPARIAN CORRIDOR MANNINGS N PLAN	
				Sole TOL 82 Mount Street, North Sydney NSW 2060 Tel: 02 9551 7699 Fax: 02 9551 7699 www.sbarchitects.com.au				PO Box N419 Sydney NSW 1220 Level 4 & 5 Woodhill Street, Millers Point NSW 2000 p: +61 2 9251 7699 e: mail@costinroe.com.au w: costinroe.com.au		 		DRAWING No. C013874.06- F130	
				ISSUED FOR INFORMATION 08.04.24 B				DESIGNED MC		DRAWN MC		TABLE B	
				ISSUED FOR INFORMATION 23.02.24 A				DATE MAY 23		CHECKED MW			
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				ISSUE									
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				DATE		DATE							
				ISSUE									



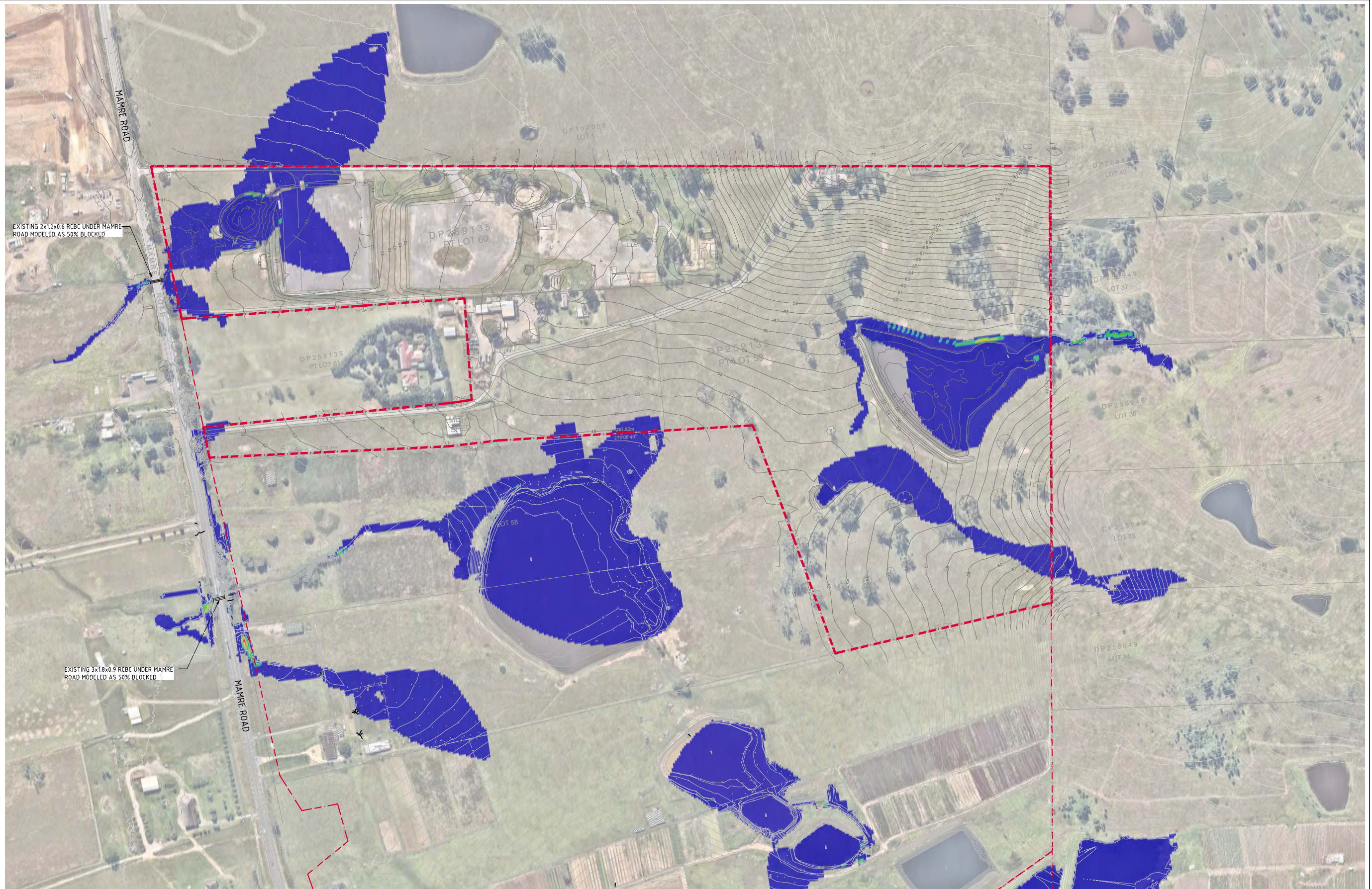
VELOCITY (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.500	
2	0.500	1.000	
3	1.000	1.500	
4	1.500	2.000	
5	2.000	2.500	
6	2.500	3.000	
7	3.000	3.500	
8	3.500	4.000	
9	4.000	4.500	
10	4.500	5.000	
11	5.000	5.500	
12	5.500	6.000	
13	6.000	6.500	

4EY PRE DEVELOPMENT VELOCITY
SCALE 1:1500

FOR INFORMATION ONLY

15m 0 15 30 45 60 75 90 105 120 135 150m
SCALE 1:1500 AT A0 SIZE SHEET

																																							
								PROJECT YIRIBANA LOGISTICS ESTATE 754-770 & 784-786 MAMRE ROAD KEMPS CREEK NSW				Costin Roe Consulting Pty Ltd. ABN 50 003 696 446 PO Box N419 Sydney NSW 1220 Level 4 & Windmill Street, Millers Point NSW 2000 p +61 2 9251 7659 f +61 2 9241 3731 e mail@costinroe.com.au w costinroe.com.au												DRAWING NO C013874.06-F201															
ISSUED FOR INFORMATION				06.12.23				A				DESIGNED DATE 14.12.23				CHECKED DATE 14.12.23				SIZE SCALE A4				CAD REF C013874-F201															
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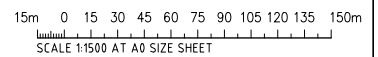


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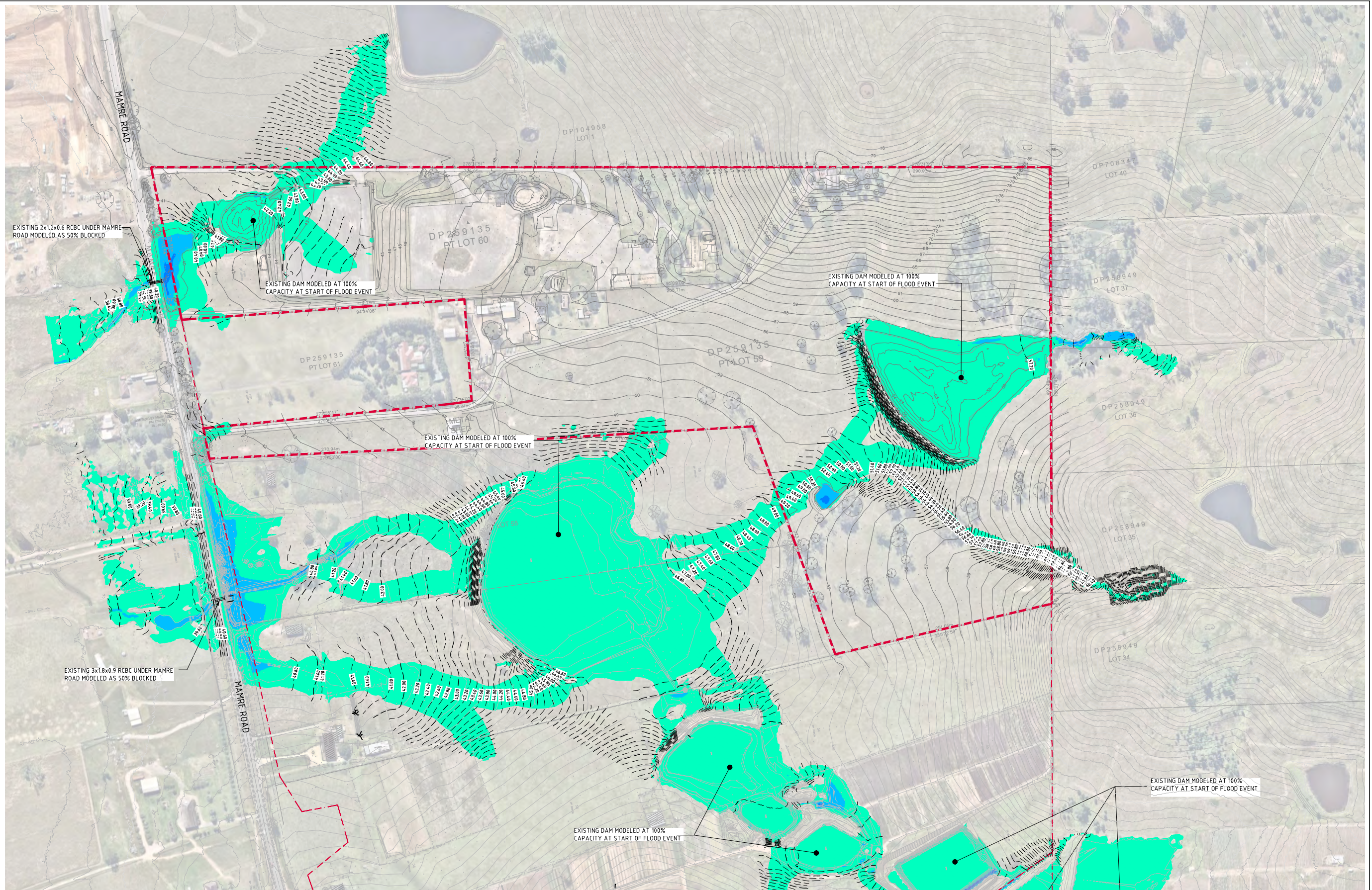
	- H1		- H4
	- H2		- H5
	- H3		- H6

4EY PRE DEVELOPMENT HAZARD
SCALE 1:1500

FOR INFORMATION ONLY



ISSUED FOR INFORMATION				ARCHITECT				CLIENT				PROJECT				CONSULT AUSTRALIA				COSTIN ROE CONSULTING				DRAWING TITLE			
AMENDMENTS				SB ARCHITECTS				GPT The GPT Group				YIRIBANA LOGISTICS ESTATE 754-770 & 784-786 MAMRE ROAD KEMPS CREEK NSW				PO Box 2419 Sydney NSW 1220 Level 4, 8 Woodhill Street, Millers Point NSW 2000 p: +61 2 9251 7699 e: mail@costinroe.com.au w: costinroe.com.au				CIVIL & STRUCTURAL ENGINEERS				4EY PRE DEVELOPMENT FLOOD HAZARD			
30.11.23				DATE				MAY 23				DESIGNED				C013874-06-F202				C013874.06-F202				DRAWING No			
A				ISSUE				AMENDMENTS				DATE				ISSUE				AMENDMENTS				DATE			
AMENDMENTS				DATE				ISSUE				AMENDMENTS				DATE				ISSUE				AMENDMENTS			



FLOOD DEPTH (m)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.050	0.500	
2	0.500	1.000	
3	1.000	1.500	
4	1.500	2.000	
5	2.000	2.500	

NOTE: FLOOD DEPTH NOT SHOWN FOR LESS THAN 50mm

LEGEND:

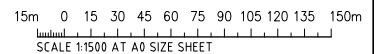
LEVELS DATUM IS AHD.

- 38.00 — - FLOOD LEVEL CONTOUR (MAJOR)
1m INTERVALS
- 38.20 — - FLOOD LEVEL CONTOUR (MINOR)
0.2m INTERVALS

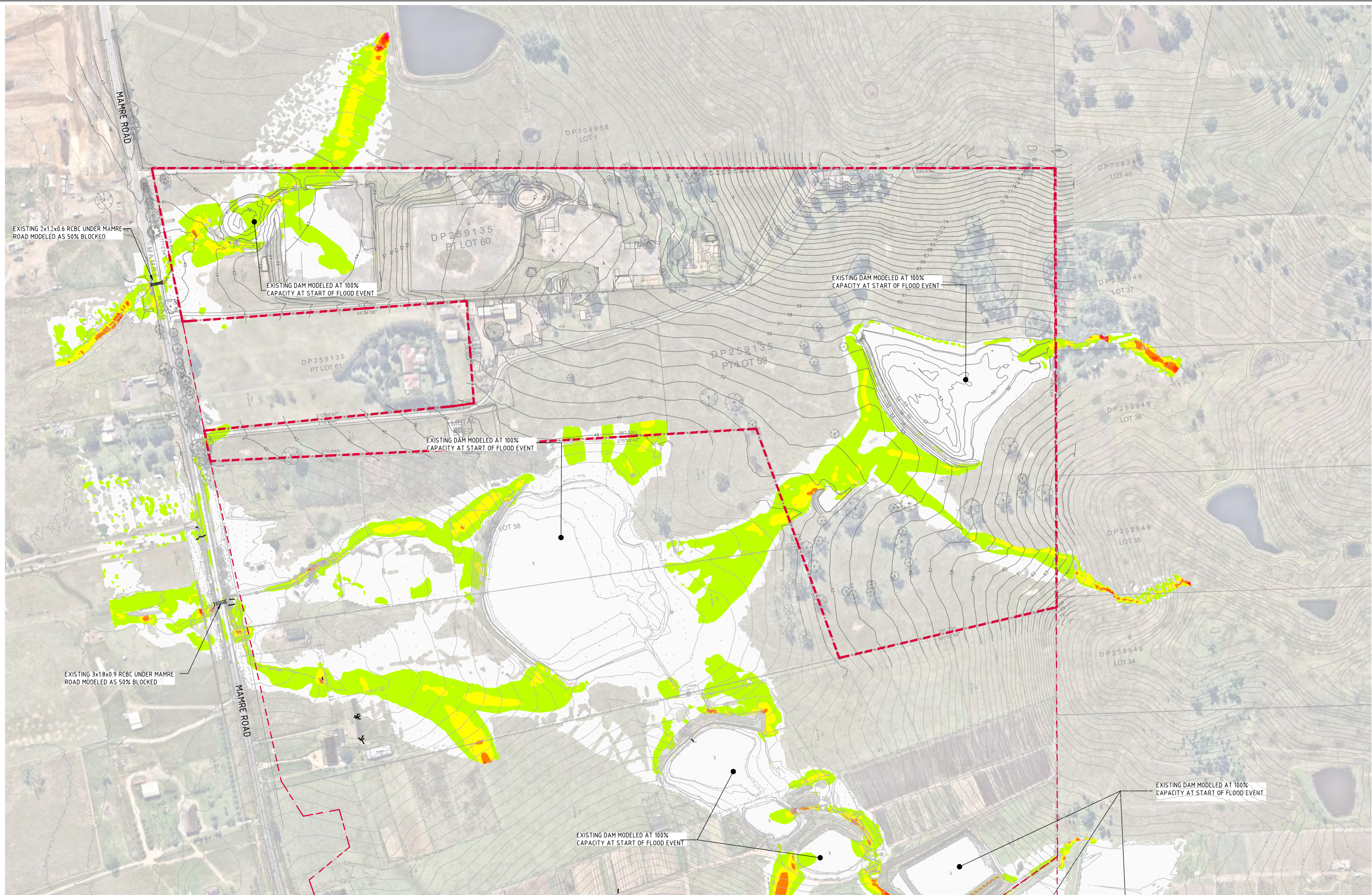


5% AEP PRE DEVELOPMENT LEVELS & DEPTHS
SCALE 1:1500

FOR INFORMATION ONLY



ISSUED FOR INFORMATION				06.12.23				C			
ISSUED FOR INFORMATION				22.05.23				B			
ISSUED FOR INFORMATION				31.05.21				A			
AMENDMENTS				DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE
ARCHITECT				SB ARCHITECTS				CLIENT			
PROJECT				YIRIBANA LOGISTICS ESTATE				CONSULT AUSTRALIA			
754-770 & 784-786 MAMRE ROAD				KEMP'S CREEK NSW				Costin Roe Consulting Pty Ltd.			
DESIGNED				MC				PO Box N419 Sydney NSW 1220			
DRAWN				MC				Level 4 & 5 Woodhill Street, Millers Point NSW 2000			
DATE				MAY 23				p: +61 2 9251 7699			
CHECKED				MW				e: mail@costinroe.com.au			
SIZE				A3				E: +61 2 9241 3731			
SCALE				AS SHOWN				w: costinroe.com.au			
CAD REF.				C013874-6-F20				DRAWING TITLE			
5% AEP PRE DEVELOPMENT FLOOD				LEVELS AND DEPTHS				DRAWING No			
C013874.06-F210				C				C013874.06-F210			



5% AEP PRE DEVELOPMENT VELOCITY
SCALE 1:1500

VELOCITY (m/s)			
No.	FROM DEPTH	TO DEPTH	COLOUR
1	0.000	0.500	
2	0.500	1.000	
3	1.000	1.500	
4	1.500	2.000	
5	2.000	2.500	
6	2.500	3.000	
7	3.000	3.500	
8	3.500	4.000	
9	4.000	4.500	
10	4.500	5.000	
11	5.000	5.500	
12	5.500	6.000	
13	6.000	6.500	

15m 0 15 30 45 60 75 90 105 120 135 150m
SCALE 1:1500 AT A0 SIZE SHEET

FOR INFORMATION ONLY

ISSUED FOR INFORMATION			06.10.23			C			ARCHITECT			CLIENT			PROJECT			Costin Roe Consulting Pty Ltd.			DRAWING TITLE		
ISSUED FOR INFORMATION			22.05.23			B			SB ARCHITECTS			GPT			YIRIBANA LOGISTICS ESTATE			PO Box N419 Sydney NSW 1220			5% AEP PRE DEVELOPMENT FLOOD		
ISSUED FOR INFORMATION			31.05.21			A			Suite T02, 83 Mount Street, North Sydney NSW 2060			The GPT Group			754-770 & 784-786 MAMRE ROAD			Level 4 & 8 Woodhill Street, Millers Point NSW 2000			VELOCITY		
AMENDMENTS			DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DESIGNED	DRAWN	DATE	CHECKED	SCALE	ROAD REF.	CONSULTANT	DRAWING NO.	REVISION
															MC	MC	MAY 23	MW	AS SHOWN	C013874-06-F211	CRC COSTIN ROE CONSULTING	C013874.06-F211	C