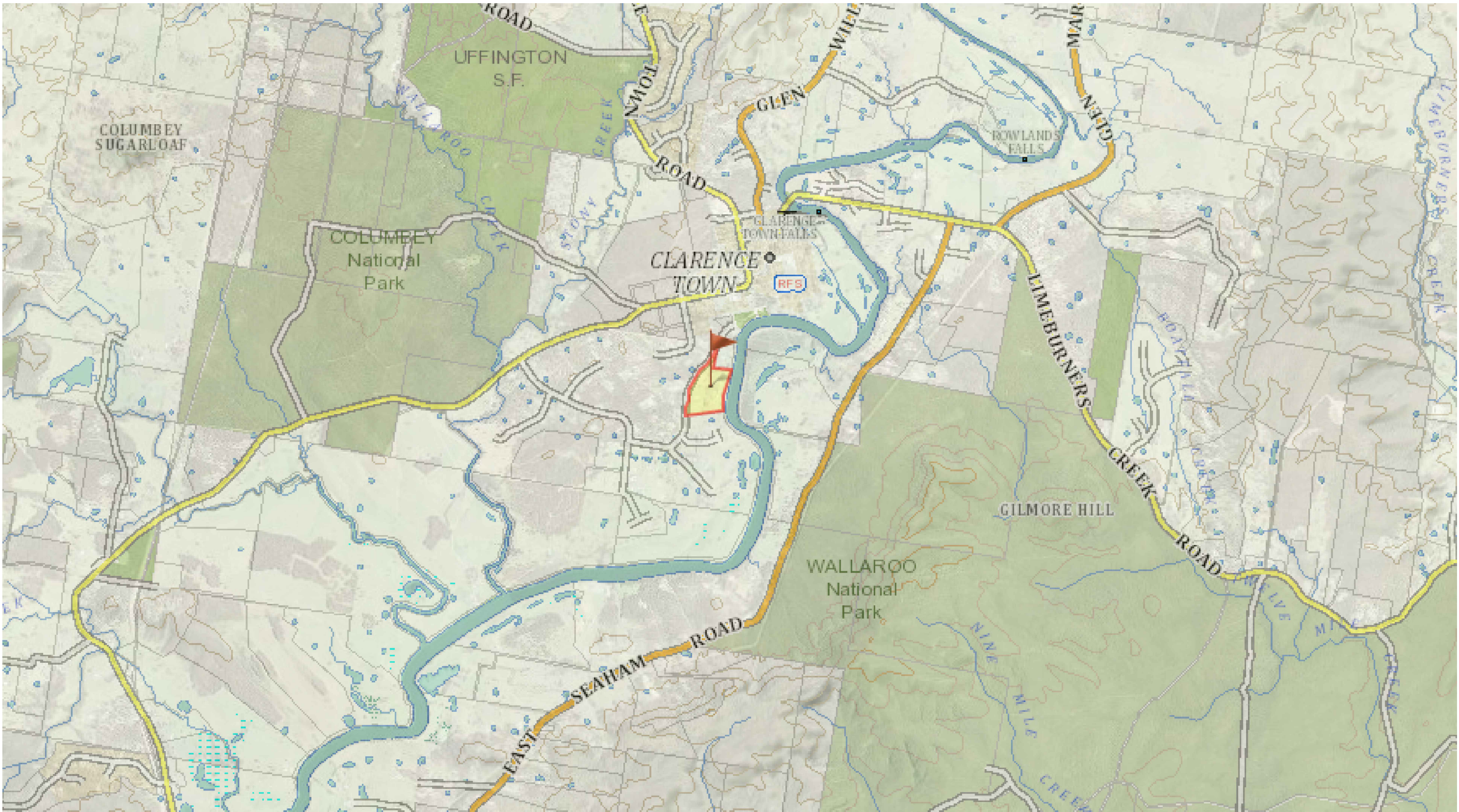


CIVIL WORKS

83 FOTHERINGAY ROAD, CLARENCE TOWN



SOURCE: SIX MAPS, NSW GOVERNMENT, 2022

LOCALITY PLAN
NTS

INSPECTIONS & CERTIFICATION:

SHOULD DRB CONSULTING ENGINEERS BE REQUIRED TO CERTIFY THESE WORKS FOLLOWING COMPLETION, THE FOLLOWING INSPECTIONS ARE REQUIRED:

- BULK EXCAVATION
- REINFORCEMENT PRIOR TO CONCRETE POUR
- TRENCHES PRIOR TO BACKFILL

A MINIMUM OF 48 HOURS NOTICE IS REQUIRED FOR INSPECTIONS AND INSPECTION FEES WILL BE CHARGED IN ACCORDANCE WITH DRBs HOURLY RATE.

IT SHOULD BE NOTED THAT COMPACTION TESTING CERTIFICATES (BY NATA REGISTERED CONSULTANT) AND WORKS AS EXECUTED SURVEY PLANS MUST BE PROVIDED.



IT IS THE BUILDERS RESPONSIBILITY TO CONFIRM DEPTH & LOCATION OF ALL SERVICES PRIOR TO CONSTRUCTION AS THIS MAY AFFECT THE DESIGN.

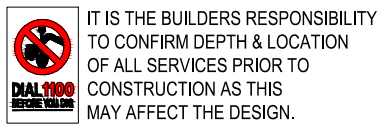
NOTE

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DRAWING SHEETS

200629 - CIV00	COVER SHEET
200629 - CIV01	OVERALL SITE PLAN
200629 - CIV02	CIVIL PLAN - SHEET 1
200629 - CIV03	CIVIL PLAN - SHEET 2
200629 - CIV04	CIVIL PLAN - SHEET 3
200629 - CIV05	TYPICAL LOT DETAILS
200629 - CIV06	ACCESS ROAD LONG SECTION
200629 - CIV07	CIVIL DETAILS

REVISIONS						This drawing is <u>not</u> approved for construction unless signed.			260 MAITLAND ROAD, MAYFIELD PO BOX 4105 KOTARA EAST 2305 0402 915 549 hello@drbengineering.com.au ABN 64 625 755 482	CLIENT PERCEPTION PLANNING TITLE COVER SHEET	PROJECT CIVIL WORKS 83 FOTHERINGAY ROAD CLARENCE TOWN	DRAWING STATUS		SHEET SIZE
	C	13.01.23	F.M.	F.M.	M.M	REISSUED FOR DA						NOT FOR CONSTRUCTION		A1
	B	12.12.22	F.M.	F.M.	M.M	REISSUED FOR DA								SCALE -
	A	08.08.22	F.M.	F.M.	M.M	ISSUED FOR DA						PROJECT REF No.	DRAWING No.	REVISION
	REV	DATE	DRN	CHK	APP	DRAWING STATUS						200629	CIV00	C



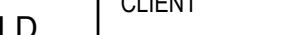
NOTE
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RL's, SETDOWNS & DIMENSIONS WITH THE CONTRACT
ARCHITECTURAL PLANS PRIOR TO COMMENCING ON SITE.
ANY DISCREPANCY SHALL BE REFERRED TO THE ARCHITECT
FOR RESOLUTION PRIOR TO CONTINUING WORKS.
DIMENSIONS SHALL NOT BE OBTAINED BY SCALING DRAWINGS.

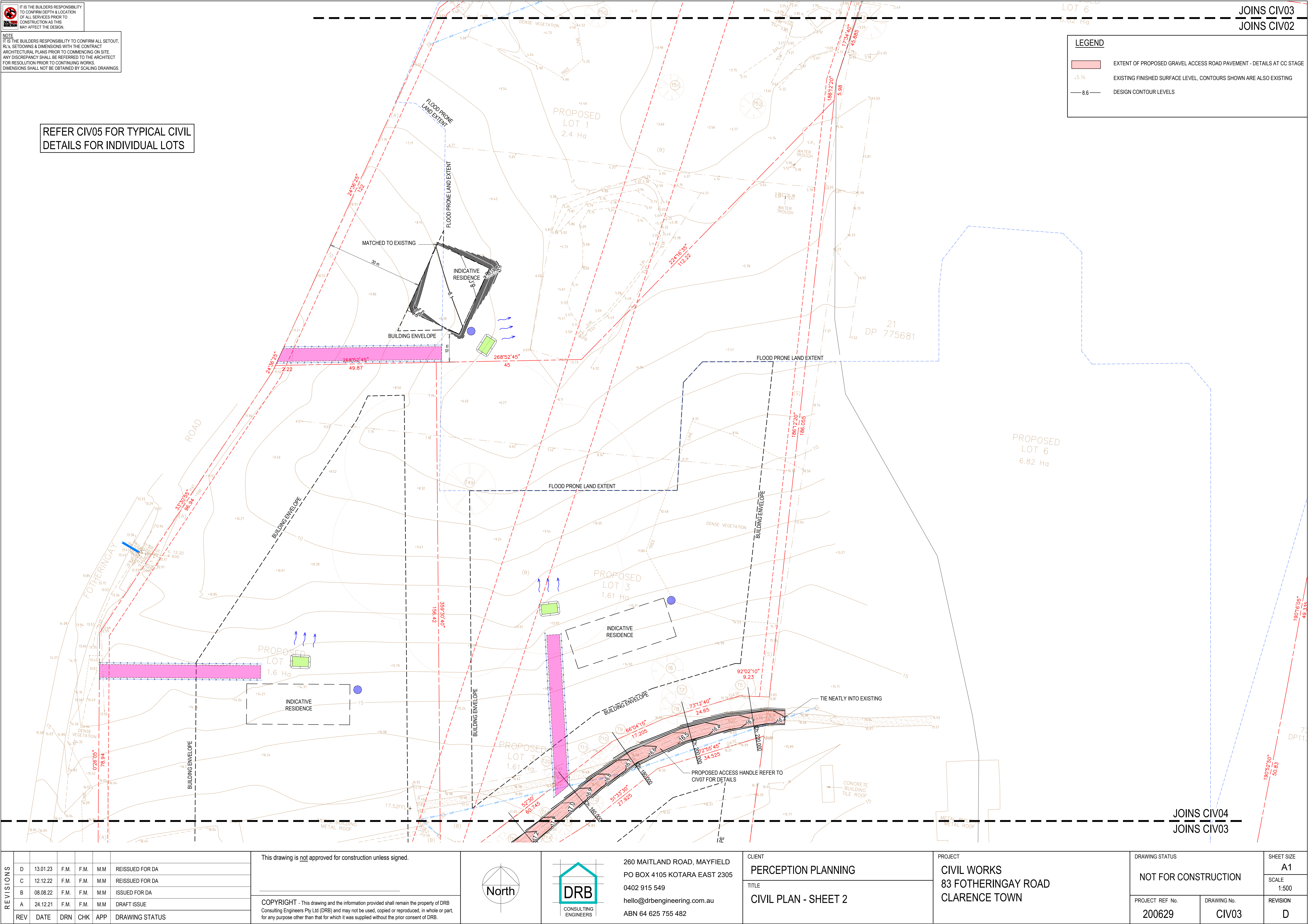
LEGEND

EXTENT OF PROPOSED GRAVEL ACCESS ROAD PAVEMENT - DETAILS AT CC STAGE

EXISTING FINISHED SURFACE LEVEL, CONTOURS SHOWN ARE ALSO EXISTING

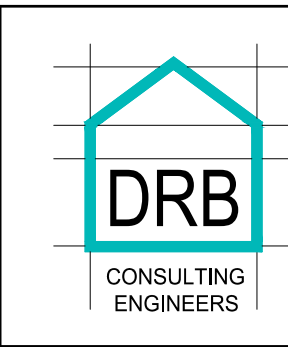
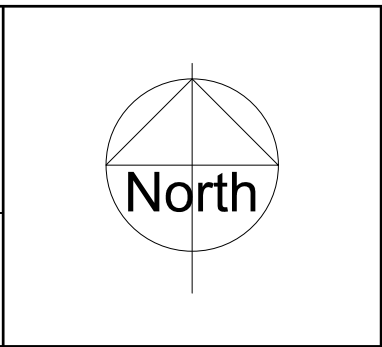
—8.6— DESIGN CONTOUR LEVELS

REVISIONS	D	13.01.23	F.M.	F.M.	M.M	REISSUED FOR DA	This drawing is <u>not</u> approved for construction unless signed.			260 MAITLAND ROAD, MAYFIELD PO BOX 4105 KOTARA EAST 2305 0402 915 549 hello@drbengineering.com.au ABN 64 625 755 482	CLIENT PERCEPTION PLANNING	PROJECT CIVIL WORKS 83 FOTHERINGAY ROAD CLARENCE TOWN	DRAWING STATUS		SHEET SIZE
	C	12.12.22	F.M.	F.M.	M.M	REISSUED FOR DA							NOT FOR CONSTRUCTION	A1	
	B	08.08.22	F.M.	F.M.	M.M	ISSUED FOR DA							SCALE	1:500	
	A	24.12.21	F.M.	F.M.	M.M	DRAFT ISSUE	PROJECT REF No.						DRAWING No.	REVISION	
	REV	DATE	DRN	CHK	APP	DRAWING STATUS	200629						CIV02	D	
							COPYRIGHT - This drawing and the information provided shall remain the property of DRB Consulting Engineers Pty Ltd (DRB) and may not be used, copied or reproduced, in whole or part, for any purpose other than that for which it was supplied without the prior consent of DRB.								



REV	DATE	DRN	CHK	APP	DRAWING STATUS

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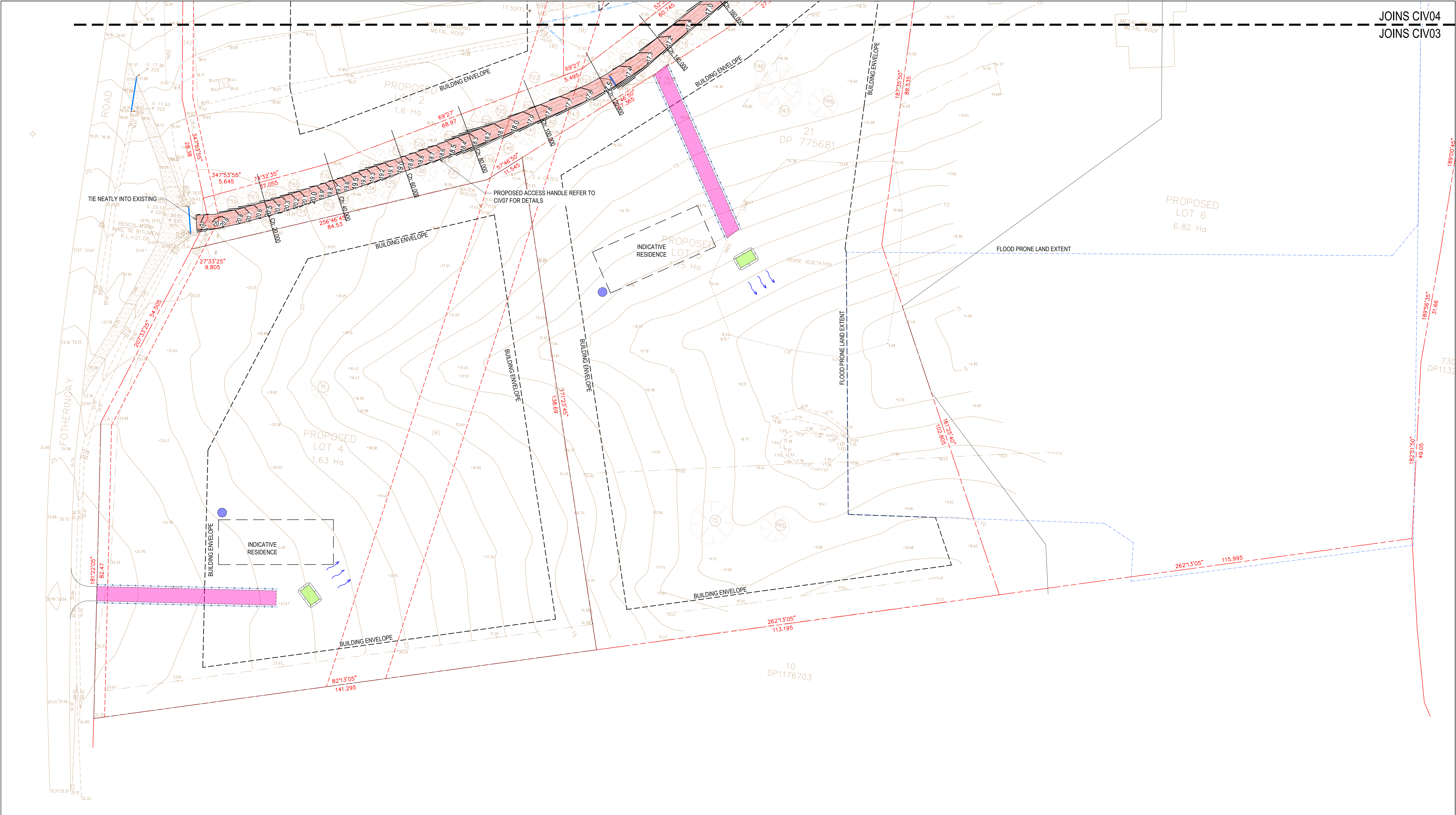


260 MAITLAND ROAD, MAYFIELD
PO BOX 4105 KOTARA EAST 2305
0402 915 549
hello@drbengineering.com.au
ABN 64 625 755 482

CLIENT	PERCEPTION PLANNING
TITLE	CIVIL PLAN - SHEET 2

PROJECT	CIVIL WORKS 83 FOTHERINGAY ROAD CLARENCE TOWN
---------	---

DRAWING STATUS		SHEET SIZE
NOT FOR CONSTRUCTION		A1
PROJECT REF No.		SCALE
200629		1:500
DRAWING No.	CIV03	REVISION
		D

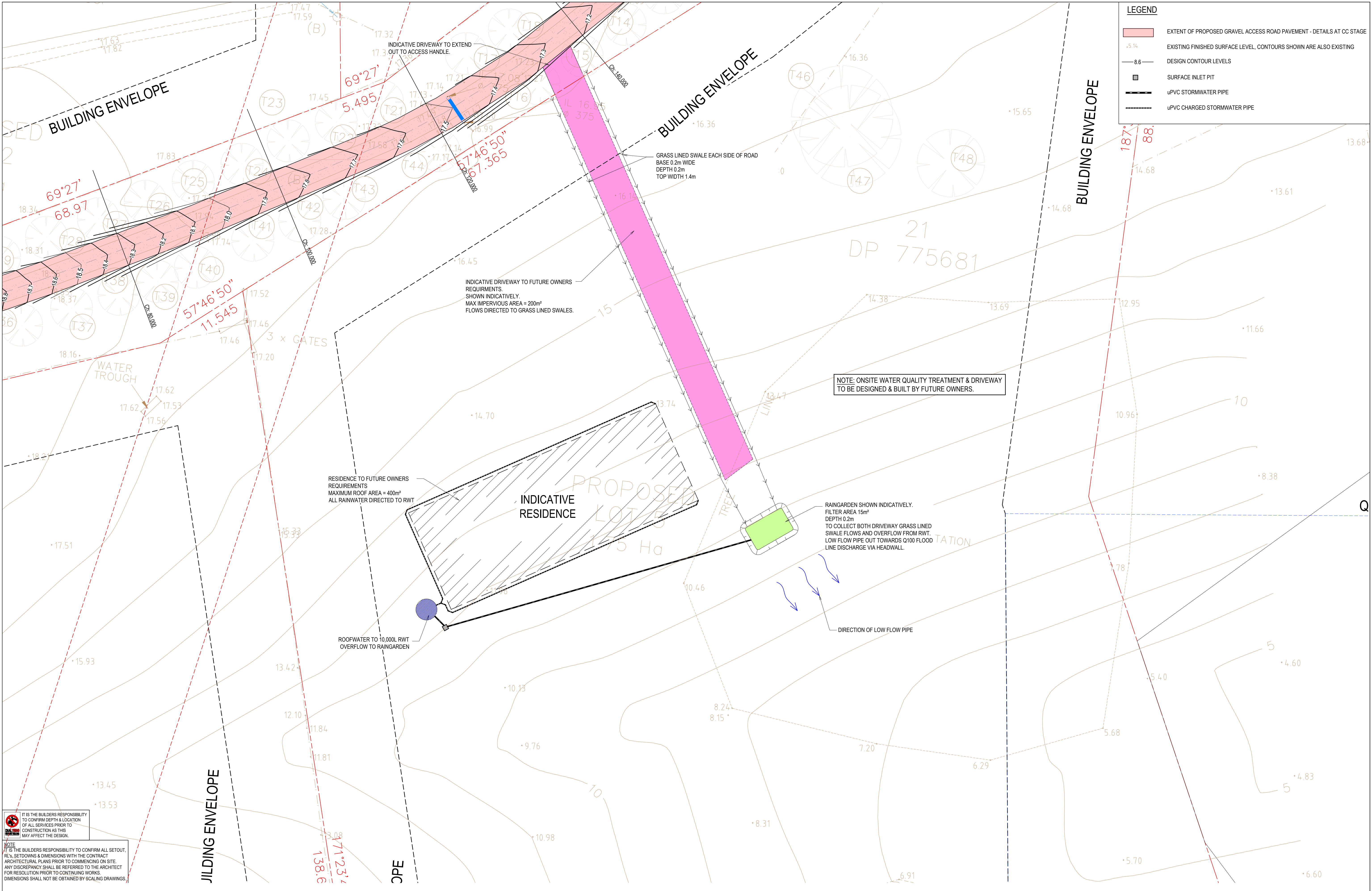


REFER CIV05 FOR TYPICAL CIVIL
DETAILS FOR INDIVIDUAL LOTS

NOTE
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LEGEND	
	EXTENT OF PROPOSED GRAVEL ACCESS ROAD PAVEMENT - DETAILS AT CC STAGE
	EXISTING FINISHED SURFACE LEVEL, CONTOURS SHOWN ARE ALSO EXISTING
	DESIGN CONTOUR LEVELS

REVISIONS	D	13.01.23	F.M.	F.M.	M.M	REISSUED FOR DA	This drawing is <u>not</u> approved for construction unless signed.			260 MAITLAND ROAD, MAYFIELD PO BOX 4105 KOTARA EAST 2305 0402 915 549 hello@drbengineering.com.au ABN 64 625 755 482	CLIENT PERCEPTION PLANNING	PROJECT CIVIL WORKS 83 FOTHERINGAY ROAD CLARENCE TOWN	DRAWING STATUS		SHEET SIZE
	C	12.12.22	F.M.	F.M.	M.M	REISSUED FOR DA							NOT FOR CONSTRUCTION	SCALE	
	B	08.08.22	F.M.	F.M.	M.M	ISSUED FOR DA					PROJECT REF No. 200629			DRAWING No. CIV04	1:500
	A	24.12.21	F.M.	F.M.	M.M	DRAFT ISSUE							TITLE CIVIL PLAN - SHEET 3		REVISION D
	REV	DATE	DRN	CHK	APP	DRAWING STATUS									



LEGEND

EXTENT OF PROPOSED GRAVEL ACCESS ROAD PAVEMENT - DETAILS AT CC STAGE

EXISTING FINISHED SURFACE LEVEL, CONTOURS SHOWN ARE ALSO EXISTING

DESIGN CONTOUR LEVELS

SURFACE INLET PIT

uPVC STORMWATER PIPE

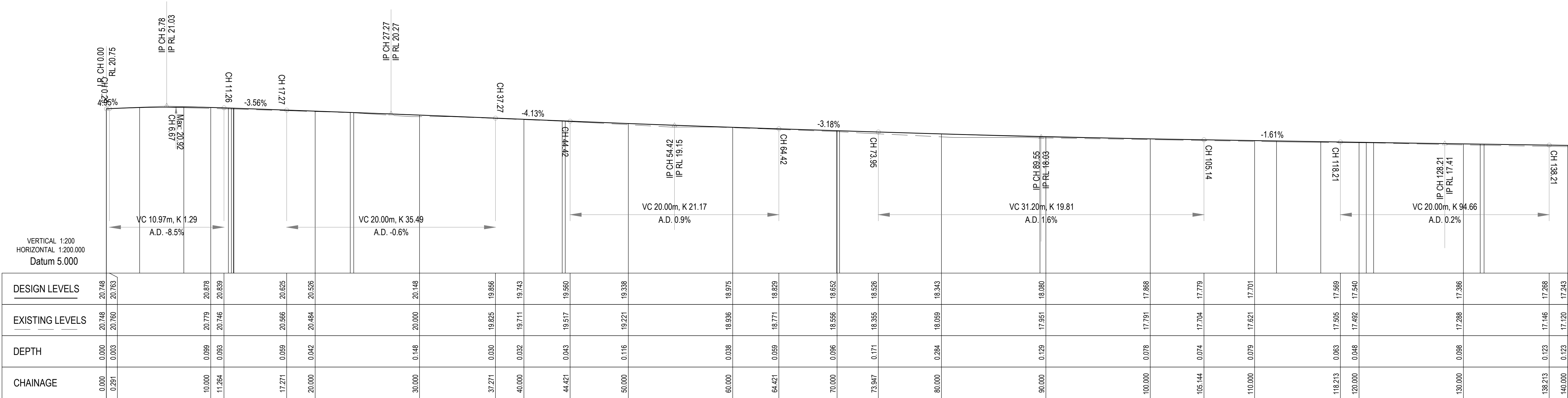
uPVC CHARGED STORMWATER PIPE

IT IS THE BUILDERS RESPONSIBILITY TO CONFIRM DEPTH & LOCATION OF ALL SERVICES PRIOR TO CONSTRUCTION AS THIS MAY AFFECT THE DESIGN.

NOTE

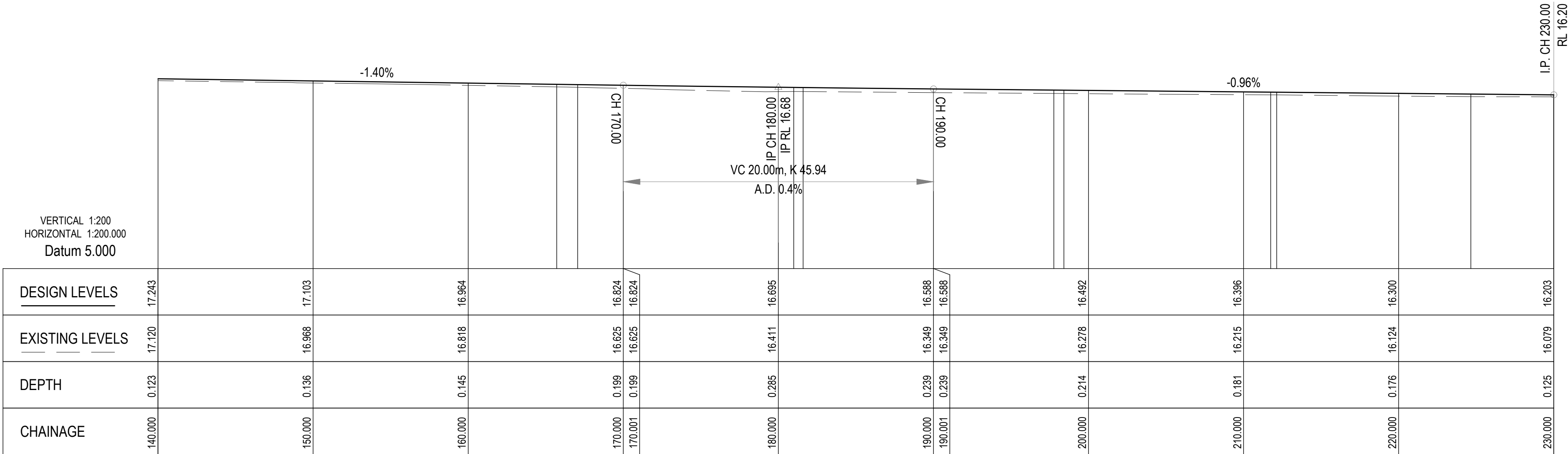
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	C	13.01.23	F.M.	F.M.	M.M	REISSUED FOR DA						NOT FOR CONSTRUCTION		A1
	B	12.12.22	F.M.	F.M.	M.M	REISSUED FOR DA								SCALE 1:200
	A	08.08.22	F.M.	F.M.	M.M	ISSUED FOR DA						PROJECT REF No.	DRAWING No.	REVISION
	REV	DATE	DRN	CHK	APP	DRAWING STATUS						200629	CIV05	C



ACCESS HANDLE LONG SECTION

VERTICAL 1:200
HORIZONTAL 1:200



ACCESS HANDLE LONG SECTION

VERTICAL 1:200
HORIZONTAL 1:200

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											NOT FOR CONSTRUCTION	A1	
											SCALE		
B	12.12.22	F.M.	F.M.	M.M	REISSUED FOR DA	COPYRIGHT - This drawing and the information provided shall remain the property of DRB Consulting Engineers Pty Ltd (DRB) and may not be used, copied or reproduced, in whole or part, for any purpose other than that for which it was supplied without the prior consent of DRB.			TITLE		PROJECT REF No.	DRAWING No.	REVISION
A	08.08.22	F.M.	F.M.	M.M	ISSUED FOR DA						200629	CIV06	B
REV	DATE	DRN	CHK	APP	DRAWING STATUS								

CENTRELINE

NOTE: UPDATE EXISTING ACCESS HANDLE PAVEMENT TO COMPLY.
DETAILS AT CC STAGE

4000

EXISTING ACCESS
HANDLE EXTENT

BATTER TO EXISTING AT MAX 1V:3H

PROPOSED ACCESS
HANDLE PAVEMENT -
DETAILS AT CC STAGE

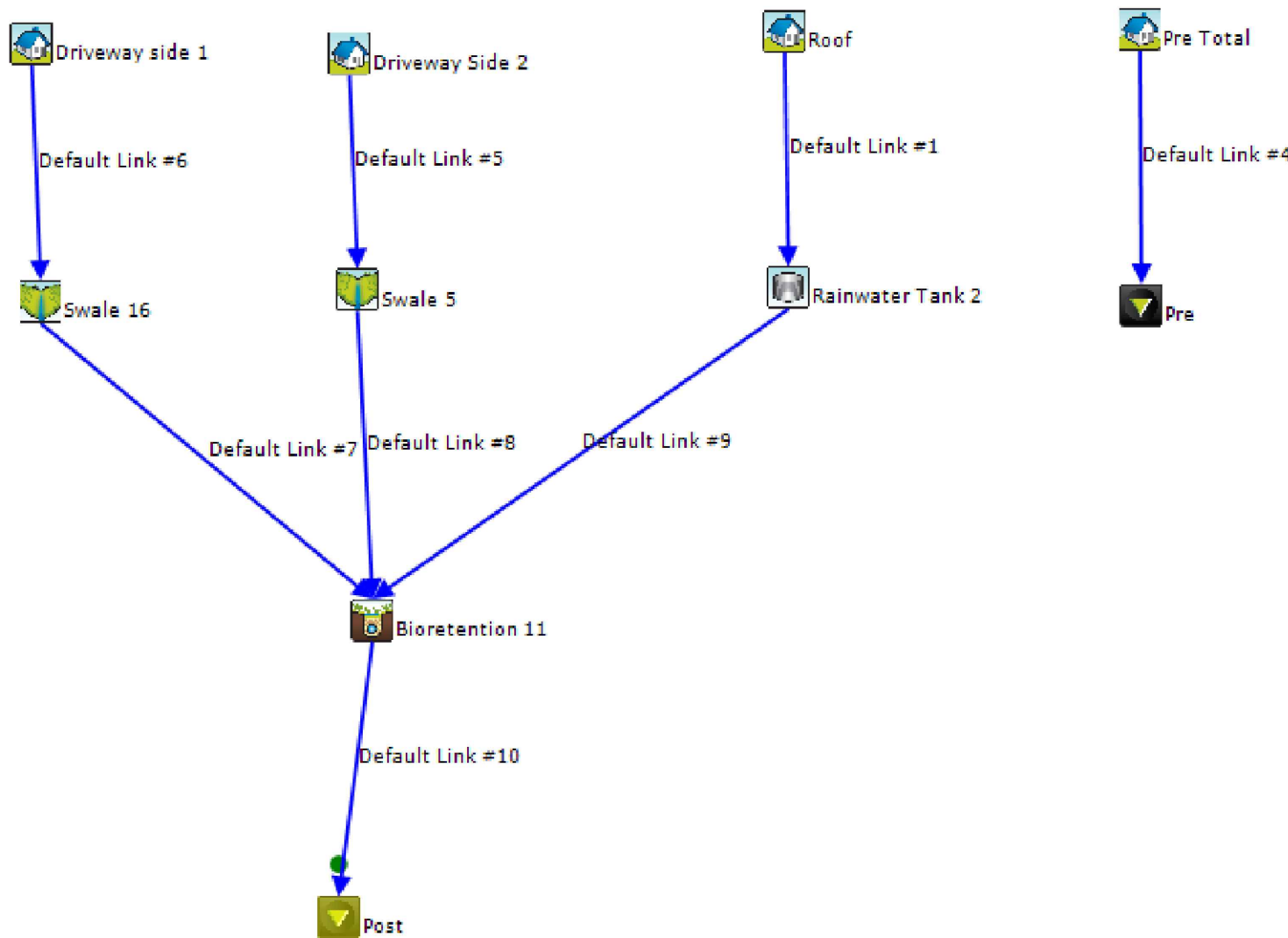
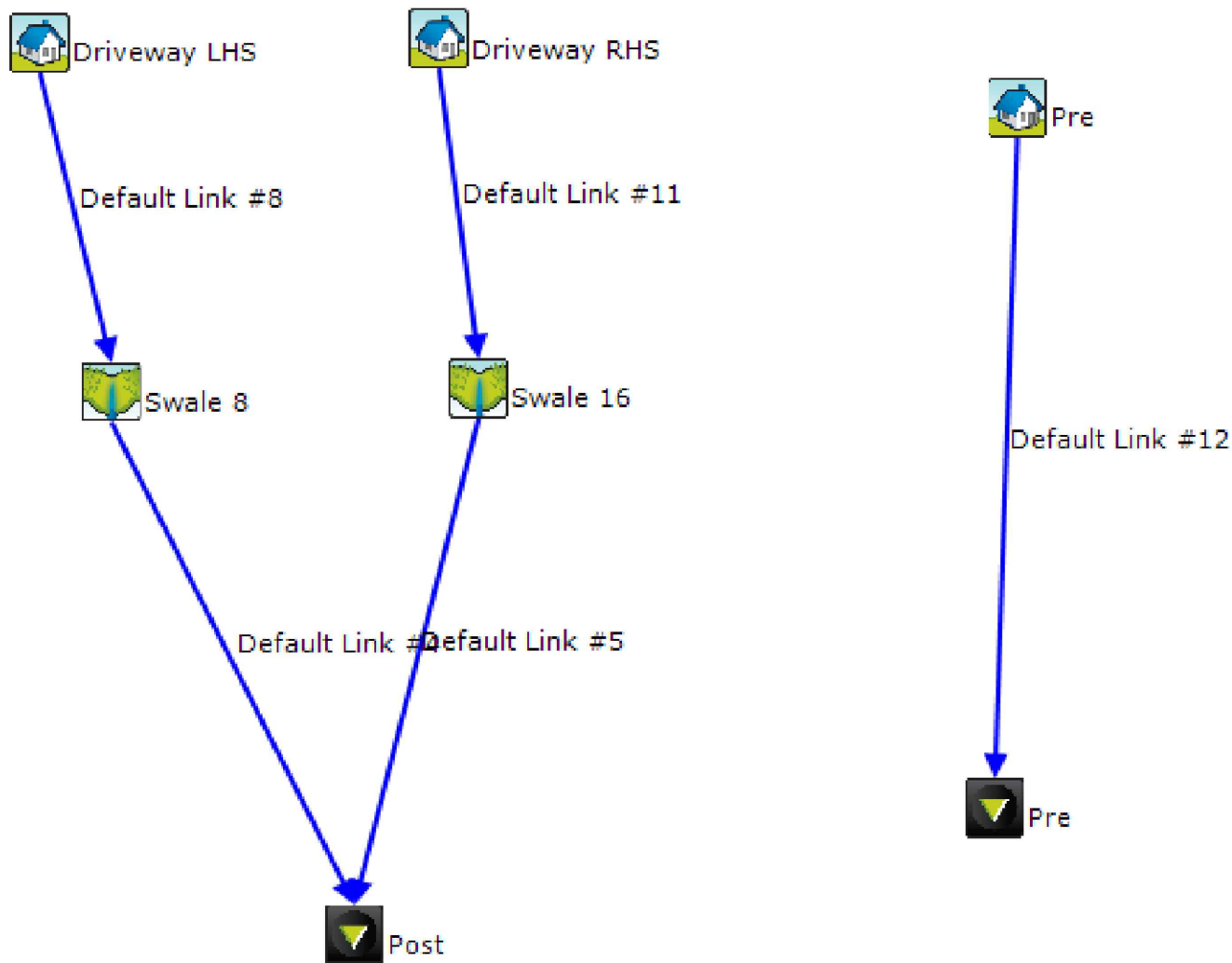
EXISTING GROUND LEVEL

BATTER TO EXISTING AT MAX 1V:3H

ACCESS HANDLE TYPICAL CROSS SECTION

CH 60:00

1:20



	Sources		Residual Load		Percent Reduction	
	Pre	Post	Pre	Post	Pre	Post
Flow (ML/yr)	0.826	1.11	0.826	1.11	0	0.002
Total Suspended Solids (kg/yr)	147.404	205.648	147.404	15.545	0	92.441
Total Phosphorus (kg/yr)	0.241	0.327	0.241	0.144	0	55.803
Total Nitrogen (kg/yr)	1.763	2.445	1.763	1.56	0	36.187
Gross Pollutants (kg/yr)	20.506	25.966	20.506	0	0	100

ACCESS HANDLE MUSIC RESULTS

	Sources		Residual Load		Percent Reduction	
	Pre	Post	Pre	Post	Pre	Post
Flow (ML/yr)	0.264	0.724	0.264	0.514	0	28.961
Total Suspended Solids (kg/yr)	41.533	56.884	41.533	3.71	0	93.478
Total Phosphorus (kg/yr)	0.072	0.144	0.072	0.057	0	60.678
Total Nitrogen (kg/yr)	0.548	1.59	0.548	0.503	0	68.398
Gross Pollutants (kg/yr)	0	16.934	0	0	0	100

TYPICAL INDIVIDUAL LOT MUSIC RESULTS

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												NOT FOR CONSTRUCTION	A1	
	B	12.12.22	F.M.	F.M.	M.M.	REISSUED FOR DA						SCALE		
	A	08.08.22	F.M.	F.M.	M.M.	ISSUED FOR DA						-		
	REV	DATE	DRN	CHK	APP	DRAWING STATUS	COPYRIGHT - This drawing and the information provided shall remain the property of DRB Consulting Engineers Pty Ltd (DRB) and may not be used, copied or reproduced, in whole or part, for any purpose other than that for which it was supplied without the prior consent of DRB.			PROJECT REF No.		DRAWING No.	REVISION	
										200629	CIV07	B		