



ARMIDALE REGIONAL COUNCIL

KEMPSEY-ARMIDALE ROAD

FIXING LOCAL ROADS - BLACKBIRD FLAT

12562718



LOCALITY PLAN
N.T.S.

PRELIMINARY

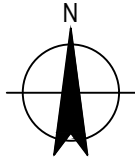
									DO NOT SCALE GHD Pty Ltd Conditions of Use: This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.		Drawn C.PURDON Designer J.VAHA Drafting Check Design Check Approved (Project Director) Date	Client ARMIDALE REGIONAL COUNCIL Project KEMPSEY-ARMIDALE ROAD RECOVERY WORKS Title BLACKBIRD FLAT COVER SHEET AND LOCALITY PLAN		
B	UPDATED CONCEPT DESIGN	CP	DW	AF	31.01.22					Scale NTS	This Drawing must not be used for Construction unless signed as Approved	Original Size A3	Drawing No: 12562718-C1001	Rev: B
A	CONCEPT DESIGN	CP	DW	AF	21.01.22									
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date								

DRAWING LCPT

DRAWING No.	TITLE
12562718-C1001	COVER SHEET - LOCALITY PLAN
12562718-C1002	DRAWING LIST - SHEET 1 OF 1
12562718-C1005	OVERVIEW PLAN - SHEET 1 OF 1
12562718-C1011	TYPICAL SECTIONS AND DETAILS - SHEET 1 OF 2
12562718-C1012	TYPICAL SECTIONS AND DETAILS - SHEET 2 OF 2
12562718-C1101	PLAN AND PROFILE - MC01 - SHEET 1 OF 3
12562718-C1102	PLAN AND PROFILE - MC01 - SHEET 2 OF 3
12562718-C1103	PLAN AND PROFILE - MC01 - SHEET 3 OF 3
12562718-C1501	CROSS SECTIONS - MC01 - SHEET 1 OF 9
12562718-C1502	CROSS SECTIONS - MC01 - SHEET 2 OF 9
12562718-C1503	CROSS SECTIONS - MC01 - SHEET 3 OF 9
12562718-C1504	CROSS SECTIONS - MC01 - SHEET 4 OF 9
12562718-C1505	CROSS SECTIONS - MC01 - SHEET 5 OF 9
12562718-C1506	CROSS SECTIONS - MC01 - SHEET 6 OF 9
12562718-C1507	CROSS SECTIONS - MC01 - SHEET 7 OF 9
12562718-C1508	CROSS SECTIONS - MC01 - SHEET 8 OF 9
12562718-C1509	CROSS SECTIONS - MC01 - SHEET 9 OF 9
12562718-C1521	CATCHMENT PLAN - SHEET 1 OF 1

PRELIMINARY

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									Scale NTS This Drawing must not be used for Construction unless signed as Approved		Original Size A3 Drawing No: 12562718-C1002		Rev: B			
B	UPDATED CONCEPT DESIGN	CP	DW	AF	31.01.22											
A	CONCEPT DESIGN	CP	DW	AF	21.01.22											
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date										



PLAN
SCALE : 10,000

PRELIMINARY

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B	UPDATED CONCEPT DESIGN		CP	DW	AF	31.01.22
A	CONCEPT DESIGN		CP	DW	AF	21.01.22



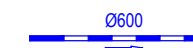


DO NOT SCALE	
Drawn C.PURDON	Designer J.VAHA
Drafting Check	Design Check
Approved (Project Director)	Date
Scale 1:10,000	This Drawing must not be used for Construction unless signed as Approved

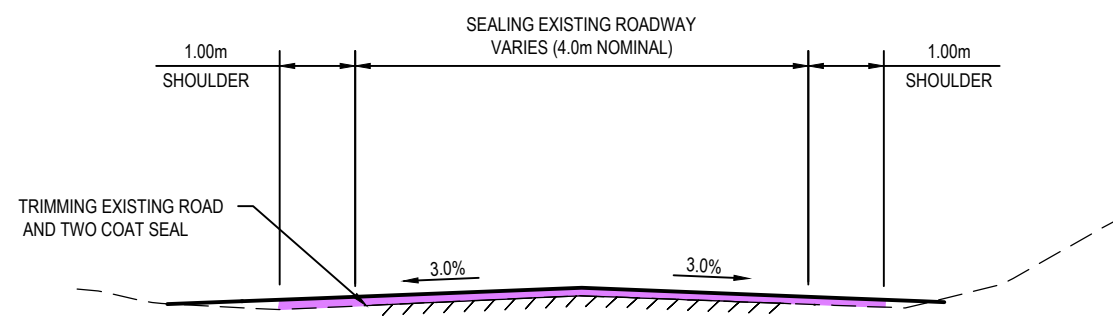
Client	ARMIDALE REGIONAL COUNCIL
Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS
Title	BLACKBIRD FLAT OVERVIEW PLAN - SHEET 1 OF 1
Original Size	A3
Drawing No:	12562718-C1005
Rev:	B

NOTES

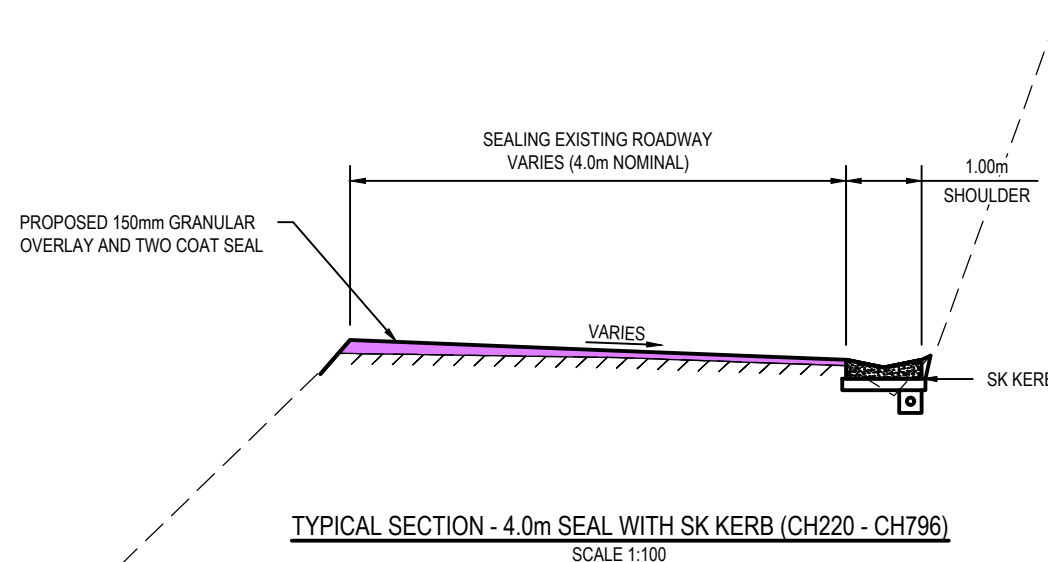
1. THE TYPICAL SECTIONS HAVE BEEN DEVISED FOR A RURAL ACCESS ROAD AS DEFINED IN ARC DEVELOPMENT SPECIFICATION D1, WITH VERGE REQUIREMENTS RELAXED DUE TO RESTRICTED WIDTH ALONG THE ALIGNMENT.
2. THE TYPICAL SECTIONS WITHIN THESE PLANS SEEKS TO UTILISE THE EXISTING ROAD GEOMETRY AS MUCH AS POSSIBLE AND TO IMPROVE DRAINAGE, ROAD SAFETY AND PROVIDE A SEALED ROAD PAVEMENT. THE DESIGN ONLY SEEK TO IMPROVE THE EXISTING ROAD GEOMETRY WHERE COST ARE EFFECTIVE TO DO SO AND INCLUDES CUTTING ON THE HIGH SIDE TO IMPROVE SIGHT LINES AT INSIDE OF CURVES. ADDITIONAL INVESTIGATION IS REQUIRED IN DETAILED DESIGN TO CONFIRM CONCEPT.
3. THE DIMENSIONS NOMINATED IN THESE SECTIONS ARE DESIRABLE, SHOULD BE ACHIEVED WHERE POSSIBLE AND MAY REQUIRE AMENDMENT IN DETAILED DESIGN BASED ON DETAILED SURVEY TO SUIT THE AVAILABLE FORMATION WIDTH AND ANY OTHER SITE CONSTRAINTS. THE PROPOSED SECTIONS MAY NOT BE FULLY COMPLIANT WITH RELEVANT SPECIFICATIONS AND GUIDELINES. THE TYPICAL SECTIONS WILL BE REVIEWED IN A RISK MANAGEMENT/SAFETY IN DESIGN WORKSHOP.
4. THE CONCEPT PAVEMENT DESIGN HAS BEEN ASSUMED AS A 150MM THICK GRANULAR OVERLAY WITH TWO COAT SEAL (14/10MM).

LEGEND

-  NEW CULVERT WITH LABELED SIZE AND FLOW DIRECTION
-  NEW PIT
-  HEADWALL / PIT IDENTIFICATION LABEL



TYPICAL SECTION - PAVEMENT SEALING (CH0 - CH220)
SCALE 1:100



TYPICAL SECTION - 4.0m SEAL WITH SK KERB (CH220 - CH796)
SCALE 1:100

PRELIMINARY

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B	UPDATED CONCEPT DESIGN		CP	DW	AF	31.01.22
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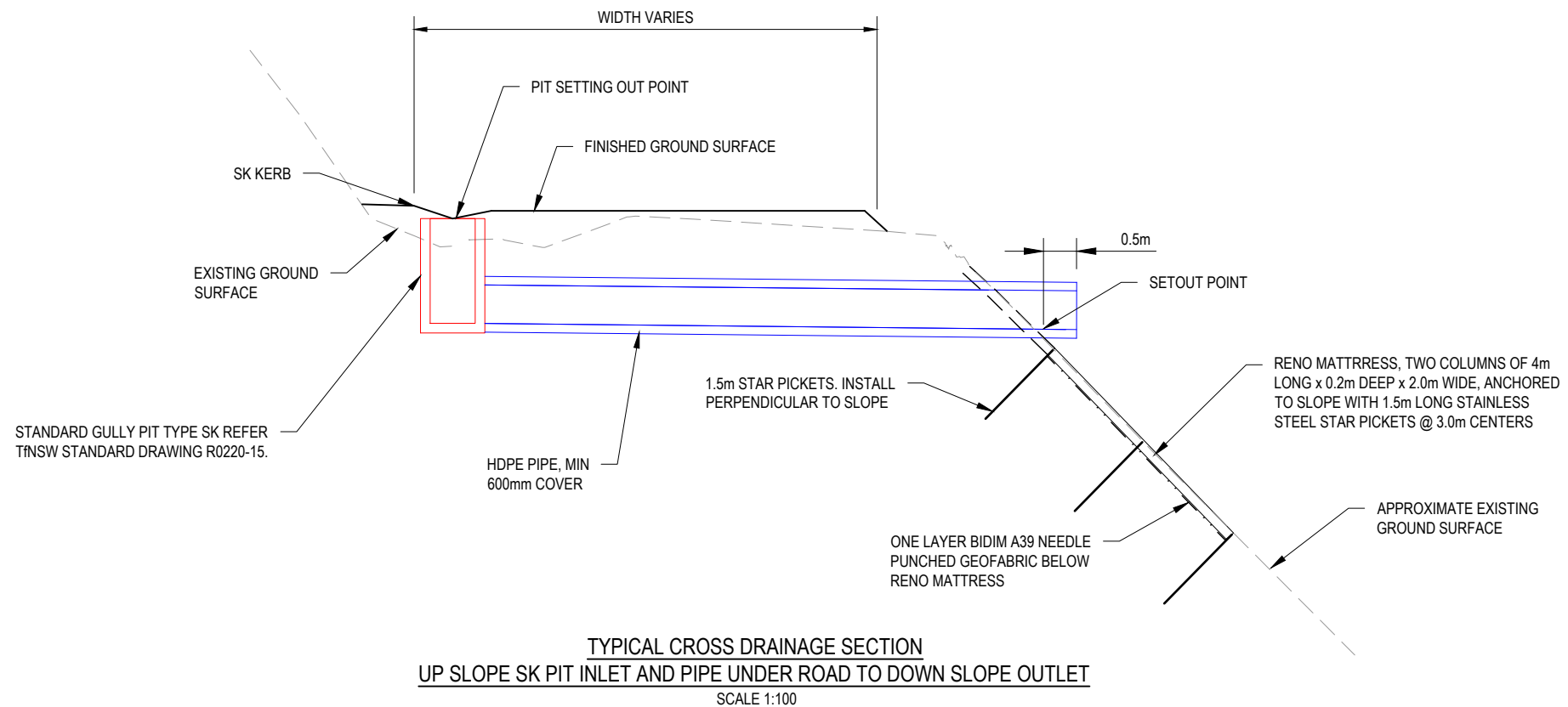


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Drawn	C.PURDON	Designer	J.VAHA
Drafting Check		Design Check	
Approved (Project Director)			
Date			
Scale	AS SHOWN		

This Drawing must not be used for Construction unless signed as Approved

Client	ARMIDALE REGIONAL COUNCIL		
Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS		
Title	BLACKBIRD FLAT		
	TYPICAL SECTIONS AND DETAILS - SHEET 1 OF 2		
Original Size	A3	Drawing No:	12562718-C1011
Rev:			B



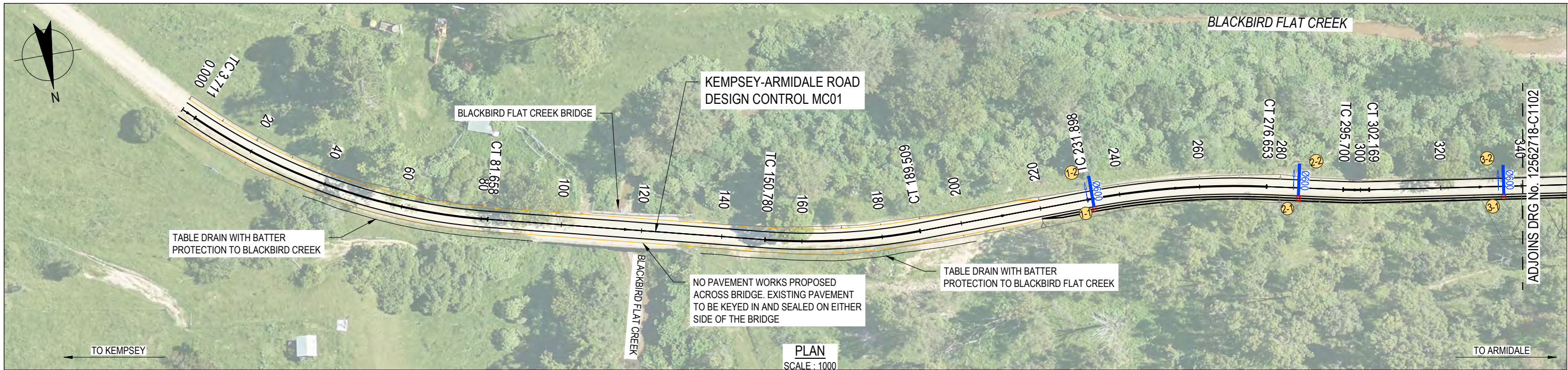
PRELIMINARY

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A	CONCEPT DESIGN		CP	DW	AF	21.01.22



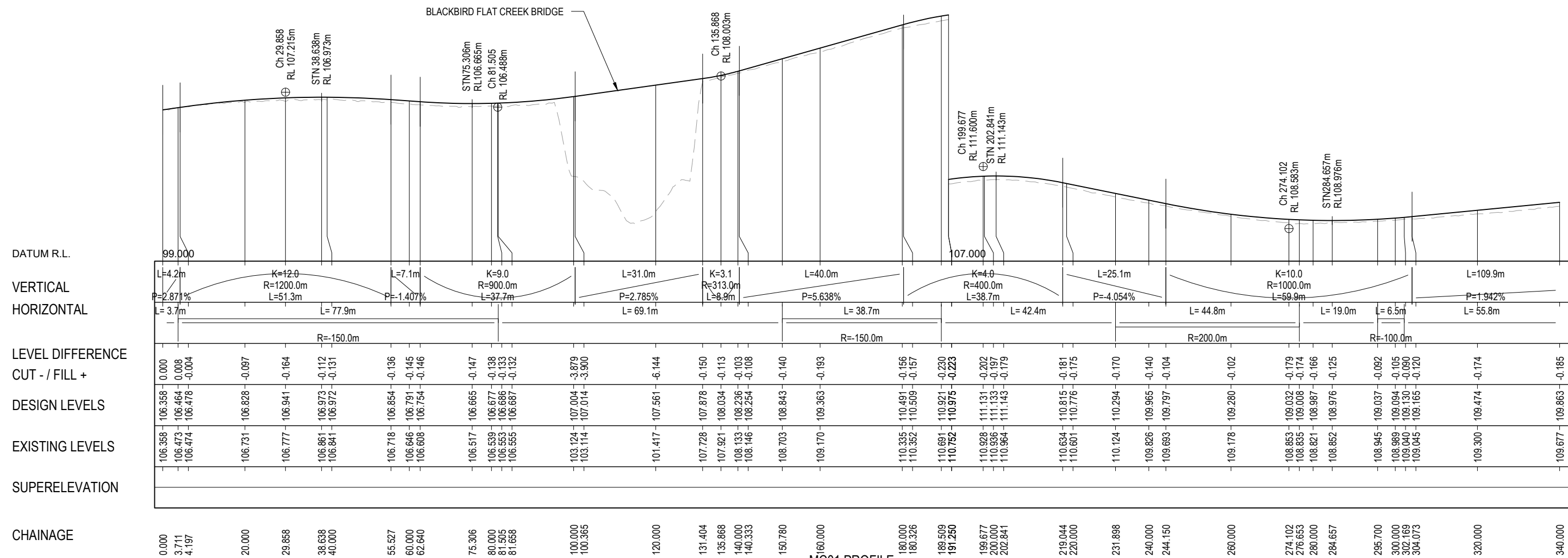
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		Drafting Check	Design Check
		Approved (Project Director) Date	
Scale	AS SHOWN	This Drawing must not be used for Construction unless signed as Approved	

Client	ARMIDALE REGIONAL COUNCIL
Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS
Title	BLACKBIRD FLAT
	TYPICAL SECTIONS AND DETAILS - SHEET 2 OF 2
Original Size	A3
Drawing No:	12562718-C1012
Rev:	B



PLAN
SCALE: 1000

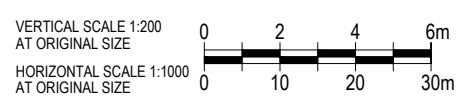
LEGEND
S3 ● SMEC SLOPE RISK ASSESSMENT (SRA) LOCATIONS (2021)



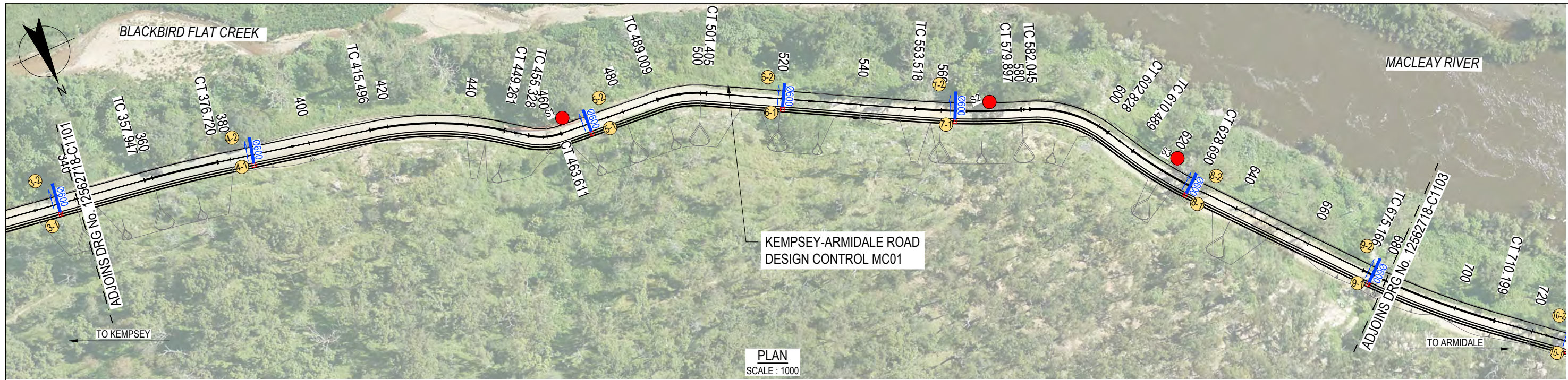
MC01 PROFILE
SCALE: HORZ=1000 VERT=200

PRELIMINARY

B	UPDATED CONCEPT DESIGN	CP	DW	AF	31.01.22	
A	CONCEPT DESIGN	CP	DW	AF	21.01.22	
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date

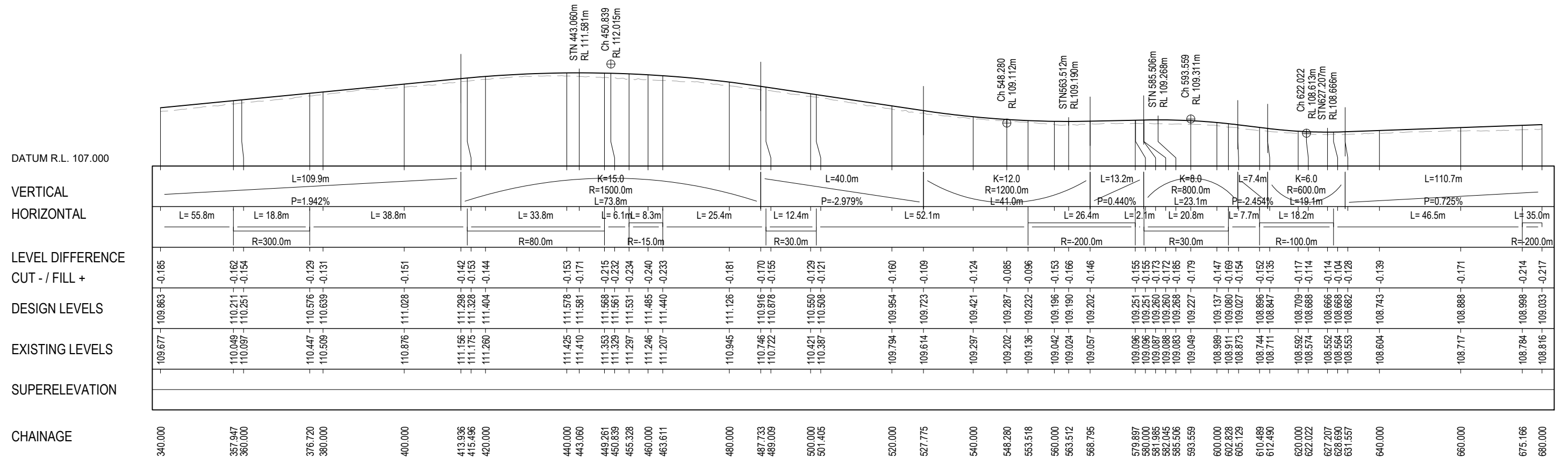


DO NOT SCALE	Drawn C.PURDON	Designer D.McCARTHY	Client ARMIDALE REGIONAL COUNCIL
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	Approved (Project Director)	Date	Title BLACKBIRD FLAT PLAN AND PROFILE - MC01 - SHEET 1 OF 3
	Scale AS SHOWN	This Drawing must not be used for Construction unless signed as Approved	Original Size A3 Drawing No: 12562718-C1101 Rev: B



PLAN
SCALE : 1000

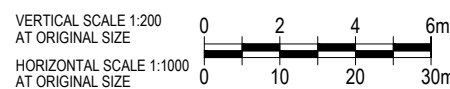
LEGEND
S3 ● SMEC SLOPE RISK ASSESSMENT (SRA) LOCATIONS (2021)



MC01 PROFILE
SCALE : HORZ=1000 VERT=200

PRELIMINARY

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B	UPDATED CONCEPT DESIGN		CP	DW	AF	31.01.22
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	Approved (Project Director)	Date
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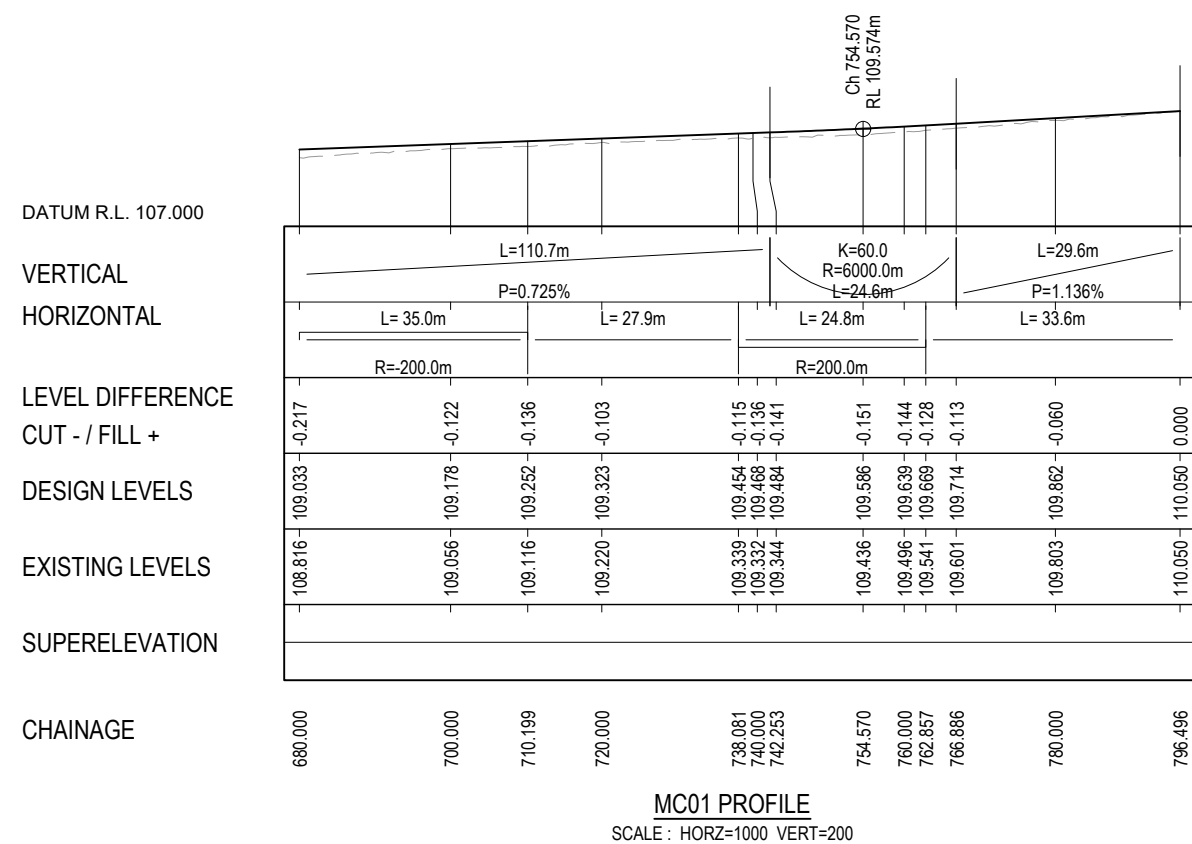
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Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS
Title	BLACKBIRD FLAT PLAN AND PROFILE - MC01 - SHEET 2 OF 3
Original Size	A3
Drawing No:	12562718-C1102
Rev:	B



PLAN
SCALE : 1000

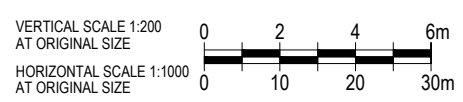
LEGEND

S3 SMEC SLOPE RISK ASSESSMENT (SRA) LOCATIONS (2021)



PRELIMINARY

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A	CONCEPT DESIGN		CP	DW	AF	21.01.22



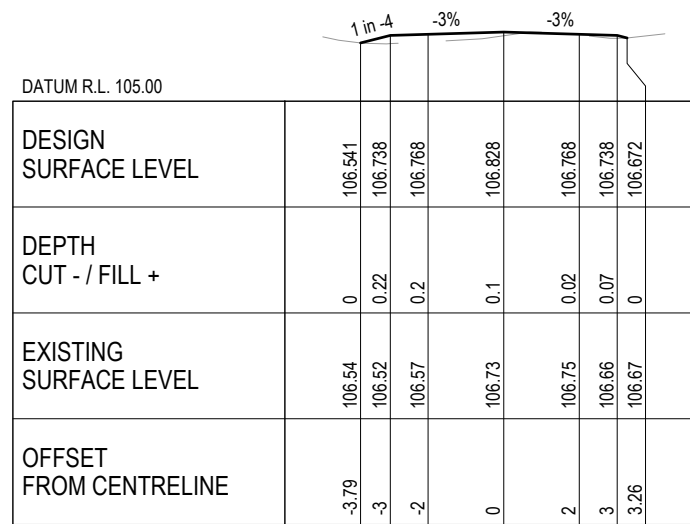
ARMIDALE Regional Council
GHD
GHD Tower, Level 3 24 Honeysuckle Drive
Newcastle NSW 2300 Australia
PO Box 5403 Hunter Rgn Mail Cent, NSW 2310
T 61 2 4979 9999 F 61 2 4979 9988
E ntlmail@ghd.com W www.ghd.com

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		Drafting Check	Design Check
		Approved (Project Director)	Date
Scale	AS SHOWN	This Drawing must not be used for Construction unless signed as Approved	

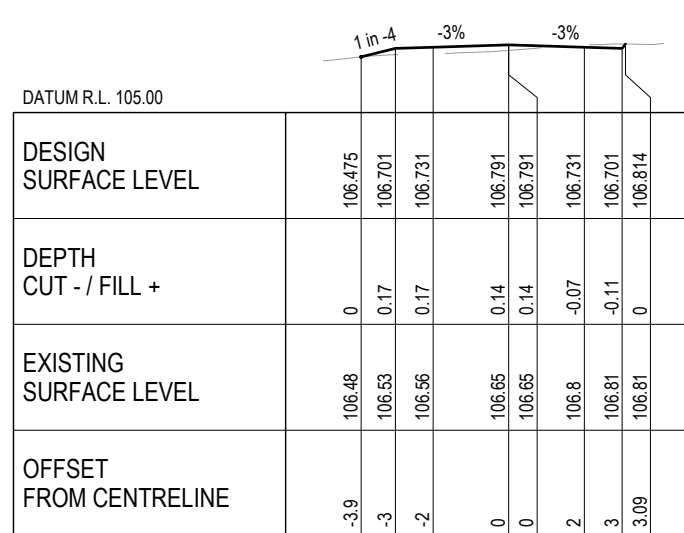
Client	ARMIDALE REGIONAL COUNCIL
Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS
Title	BLACKBIRD FLAT PLAN AND PROFILE - MC01 - SHEET 3 OF 3
Original Size	A3
Drawing No:	12562718-C1103
Rev:	B

NOTES:

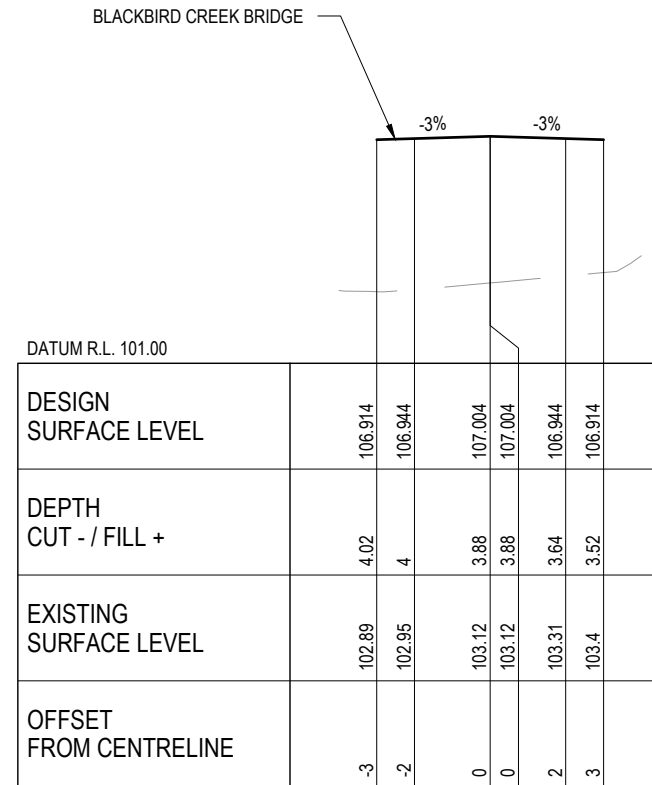
- ROAD FORMATION DETAIL TO BE CONFIRMED AT EACH LOCATION DURING DETAILED DESIGN BASED ON AVAILABLE BUDGET, TAKING INTO ACCOUNT ROAD WIDTH, SAFETY, DRAINAGE AND POTENTIAL MINOR ROCK CUTTING.



CH 20

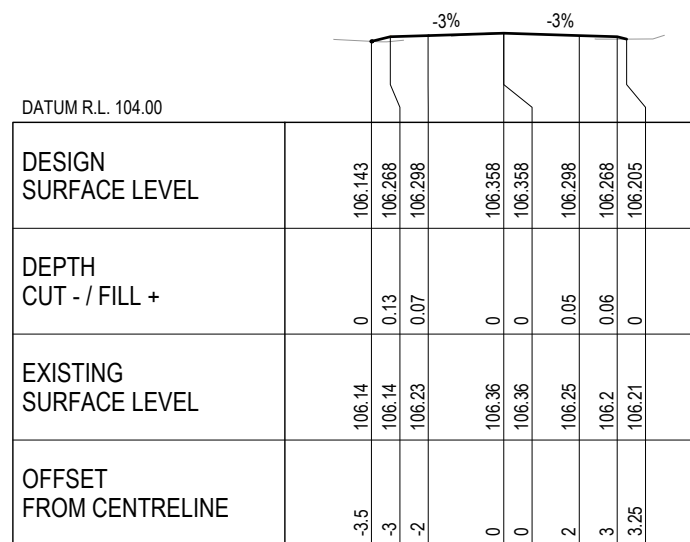


CH 60

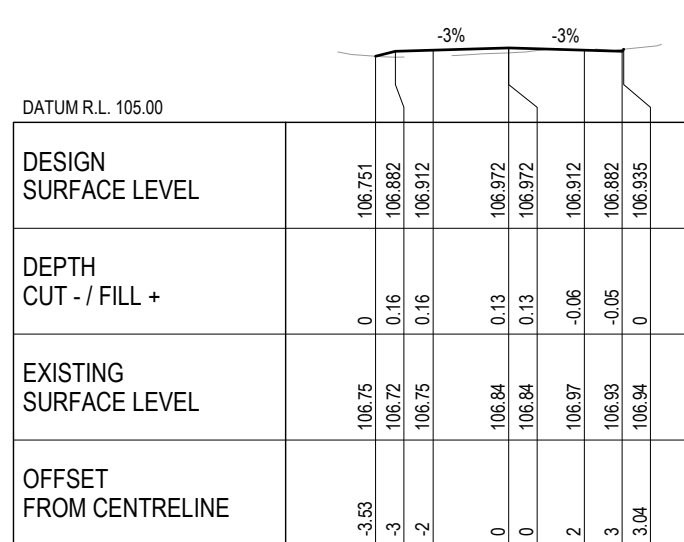


CH 100

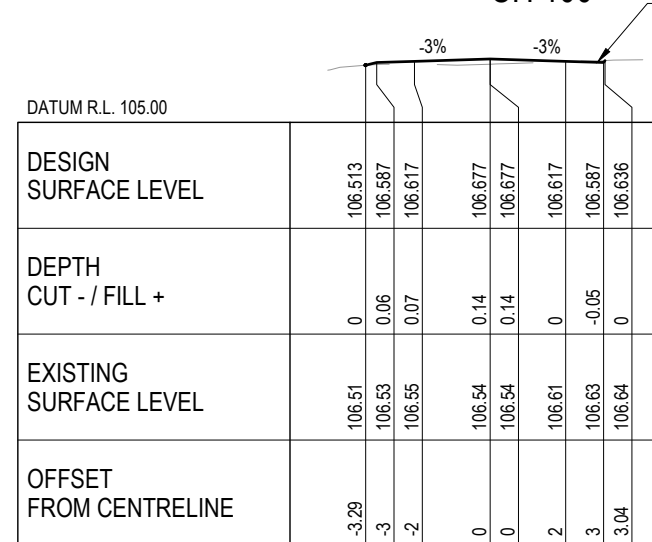
TABLE DRAIN TO BE CONSTRUCTED TO BLACKBIRD CREEK



CH 0



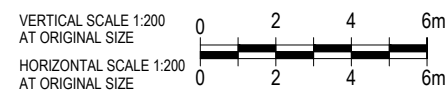
CH 40



CH 80

PRELIMINARY

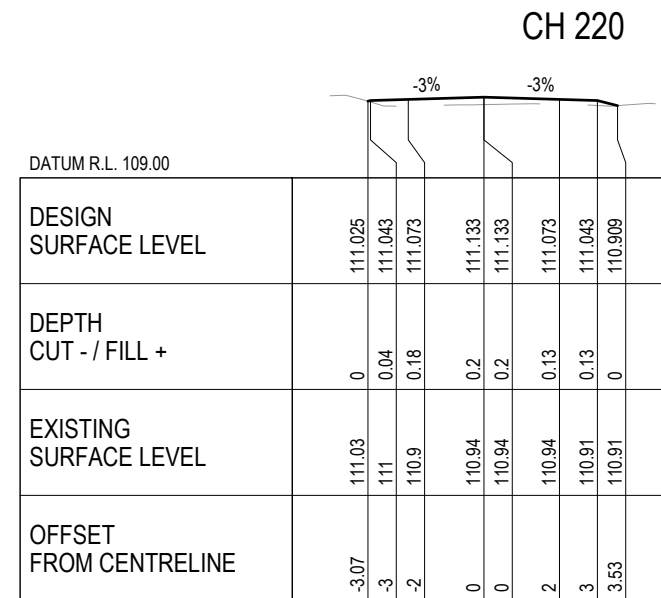
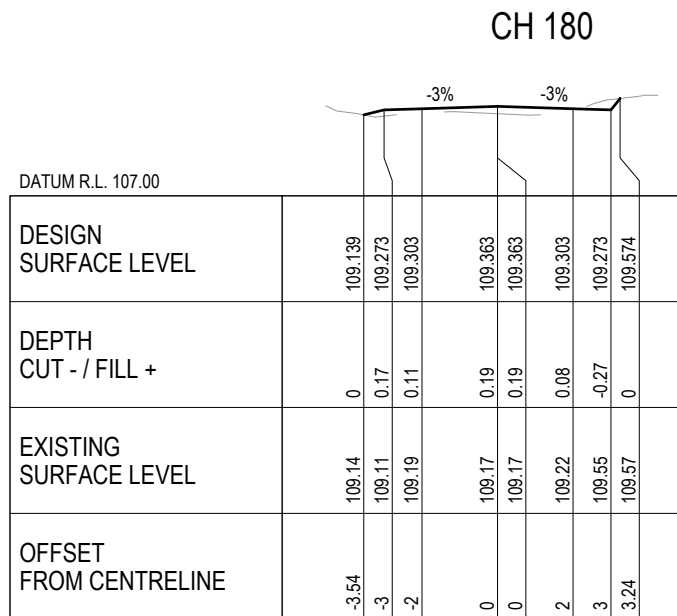
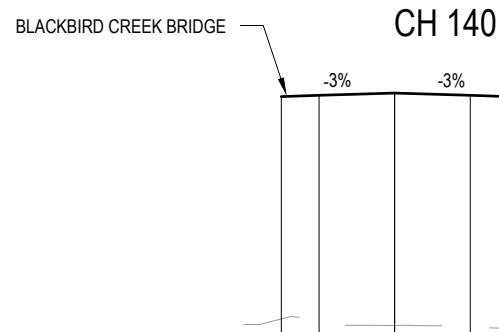
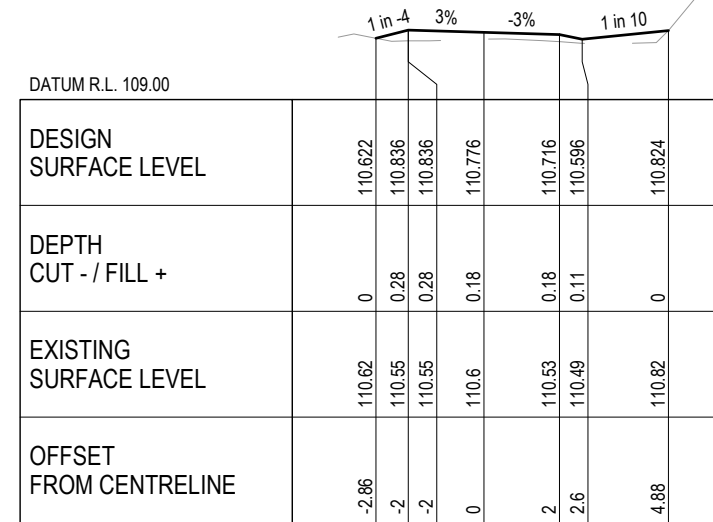
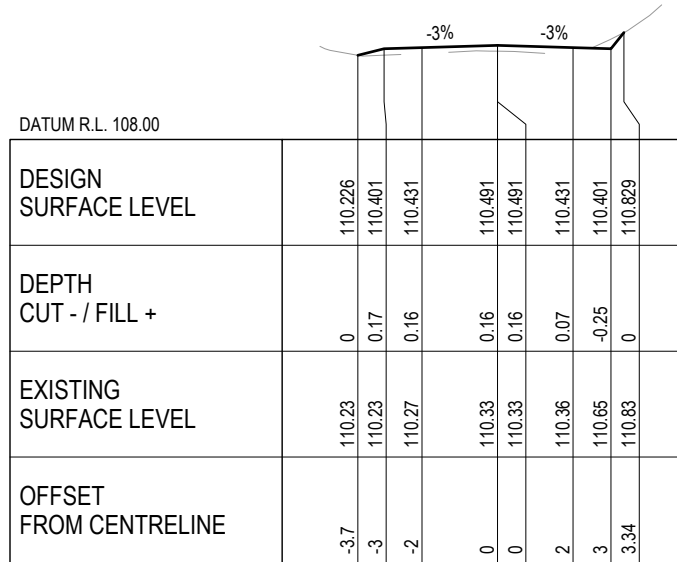
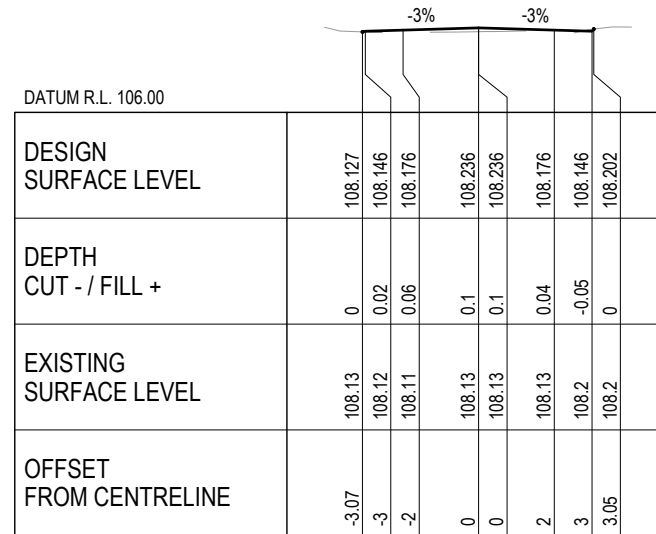
No	Revision	Note	Drawn	Job Manager	Project Director	Date
B	UPDATED CONCEPT DESIGN		CP	DW	AF	31.01.22
A	CONCEPT DESIGN		CP	DW	AF	21.01.22



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Scale		Drafting Check	Design Check	Project
		Approved (Project Director) Date		Title
		This Drawing must not be used for Construction unless signed as Approved		Drawing No: 12562718-C1501
				Rev: B

NOTES:

- ROAD FORMATION DETAIL TO BE CONFIRMED AT EACH LOCATION DURING DETAILED DESIGN BASED ON AVAILABLE BUDGET, TAKING INTO ACCOUNT ROAD WIDTH, SAFETY, DRAINAGE AND POTENTIAL MINOR ROCK CUTTING.



CH 120

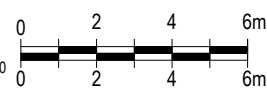
CH 160

CH 200

PRELIMINARY

No	Revision	Note	Drawn	Job Manager	Project Director	Date
B	UPDATED CONCEPT DESIGN		CP	DW	AF	31.01.22
A	CONCEPT DESIGN		CP	DW	AF	21.01.22

VERTICAL SCALE 1:200
AT ORIGINAL SIZE
HORIZONTAL SCALE 1:200
AT ORIGINAL SIZE



DO NOT SCALE

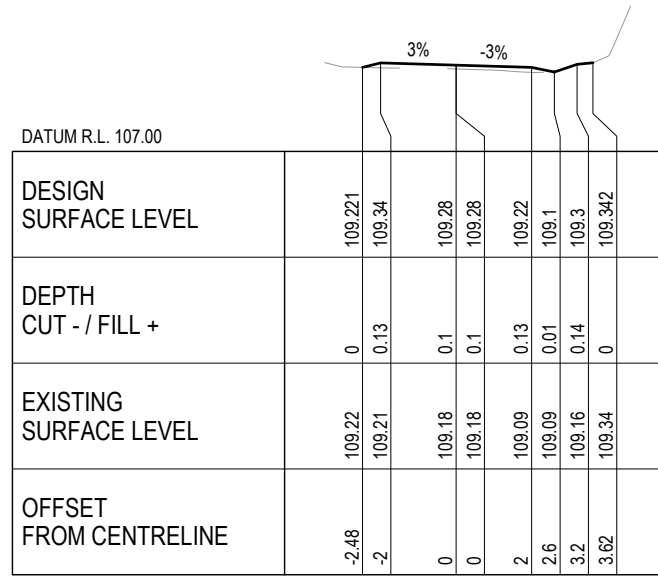
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Drafting Check		Design Check	
Approved (Project Director)		Date	
Scale		This Drawing must not be used for Construction unless signed as Approved	

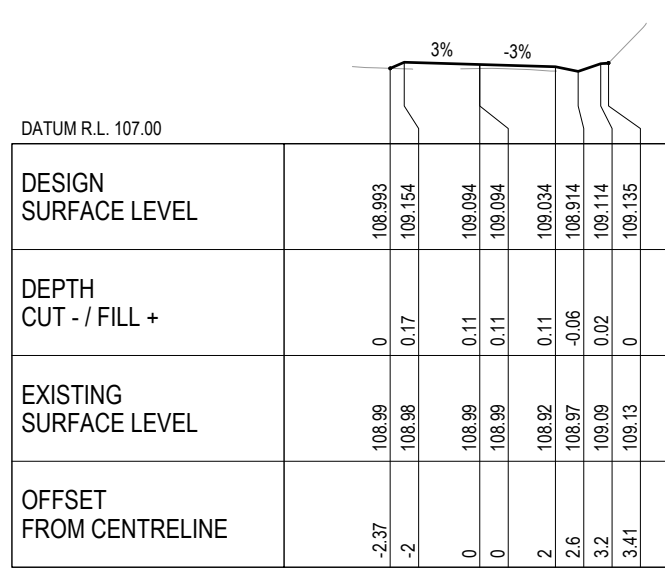
Client	ARMIDALE REGIONAL COUNCIL
Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS
Title	BLACKBIRD FLAT CROSS SECTIONS - MC01 - SHEET 2 OF 9
Original Size	A3
Drawing No:	12562718-C1502
Rev:	B

NOTES:

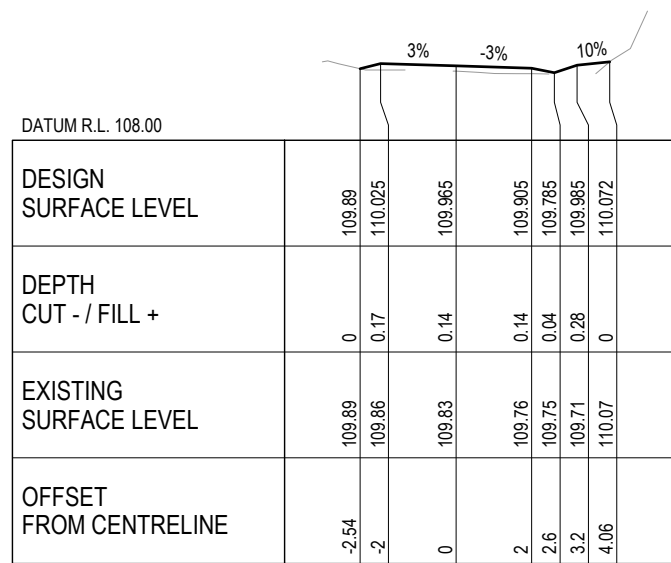
- ROAD FORMATION DETAIL TO BE CONFIRMED AT EACH LOCATION DURING DETAILED DESIGN BASED ON AVAILABLE BUDGET, TAKING INTO ACCOUNT ROAD WIDTH, SAFETY, DRAINAGE AND POTENTIAL MINOR ROCK CUTTING.



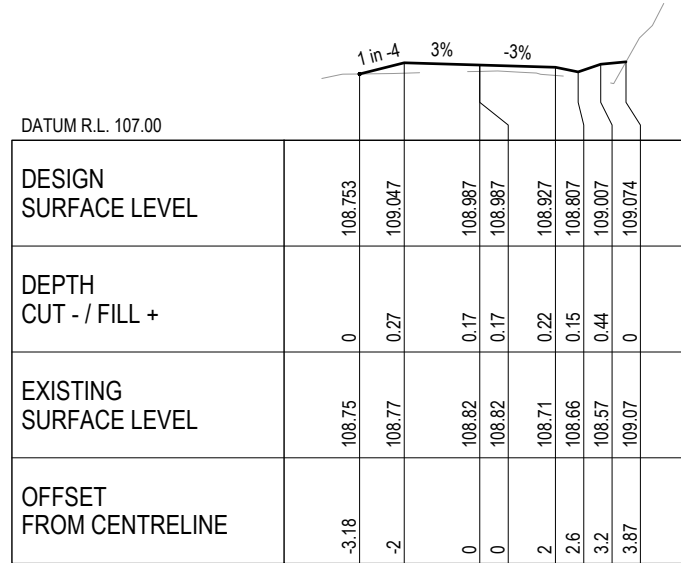
CH 260



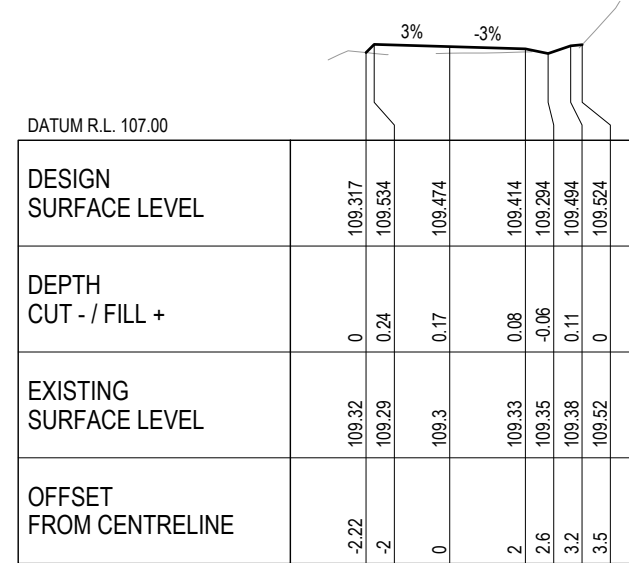
CH 300



CH 240



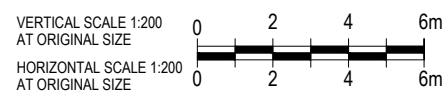
CH 280



CH 320

PRELIMINARY

B	UPDATED CONCEPT DESIGN	CP	DW	AF	31.01.22	
A	CONCEPT DESIGN	CP	DW	AF	21.01.22	
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	Scale	This Drawing must not be used for Construction unless signed as Approved

Client	ARMIDALE REGIONAL COUNCIL
Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS
Title	BLACKBIRD FLAT CROSS SECTIONS - MC01 - SHEET 3 OF 9
Original Size	A3
Drawing No:	12562718-C1503
Rev:	B

NOTES:

- ROAD FORMATION DETAIL TO BE CONFIRMED AT EACH LOCATION DURING DETAILED DESIGN BASED ON AVAILABLE BUDGET, TAKING INTO ACCOUNT ROAD WIDTH, SAFETY, DRAINAGE AND POTENTIAL MINOR ROCK CUTTING.



DATUM R.L. 108.00

DESIGN SURFACE LEVEL	109.632	109.923	109.863	109.863	109.803	109.683	109.883
DEPTH CUT - / FILL +	0	0.29	0.19	0.19	0.14	-0.12	-0.36
EXISTING SURFACE LEVEL	109.63	109.63	109.68	109.68	109.66	109.8	110.24
OFFSET FROM CENTRELINE	-2.29	-2	0	0	2	2.6	3.2

CH 340



DATUM R.L. 108.00

DESIGN SURFACE LEVEL	110.08	110.311	110.251	110.251	110.191	110.071	110.271
DEPTH CUT - / FILL +	0	0.23	0.15	0.15	0.08	-0.13	-0.35
EXISTING SURFACE LEVEL	110.08	110.08	110.1	110.1	110.11	110.2	110.63
OFFSET FROM CENTRELINE	-2.23	-2	0	0	2	2.6	3.2

CH 360



DATUM R.L. 109.00

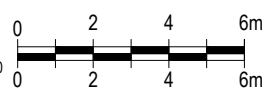
DESIGN SURFACE LEVEL	110.514	110.699	110.639	110.639	110.579	110.459	110.659	110.751
DEPTH CUT - / FILL +	0	0.19	0.13	0.13	0.03	-0.12	-0.07	0
EXISTING SURFACE LEVEL	110.51	110.51	110.51	110.51	110.55	110.58	110.73	110.75
OFFSET FROM CENTRELINE	-2.19	-2	0	0	2	2.6	3.2	3.27

CH 380

PRELIMINARY

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
B	UPDATED CONCEPT DESIGN		CP	DW	AF	31.01.22
A	CONCEPT DESIGN		CP	DW	AF	21.01.22

VERTICAL SCALE 1:200
AT ORIGINAL SIZE
HORIZONTAL SCALE 1:200
AT ORIGINAL SIZE



DO NOT SCALE

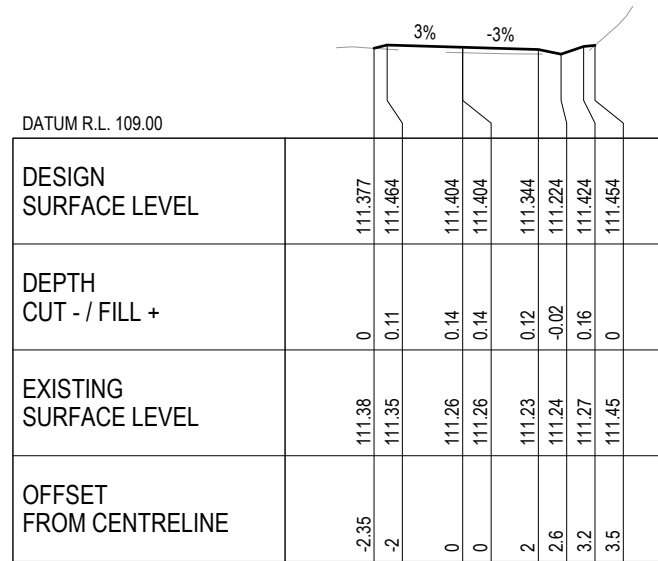
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Drawn	C.PURDON	Designer	D.McCARTHY
Drafting Check		Design Check	
Approved (Project Director)			
Date			
Scale			

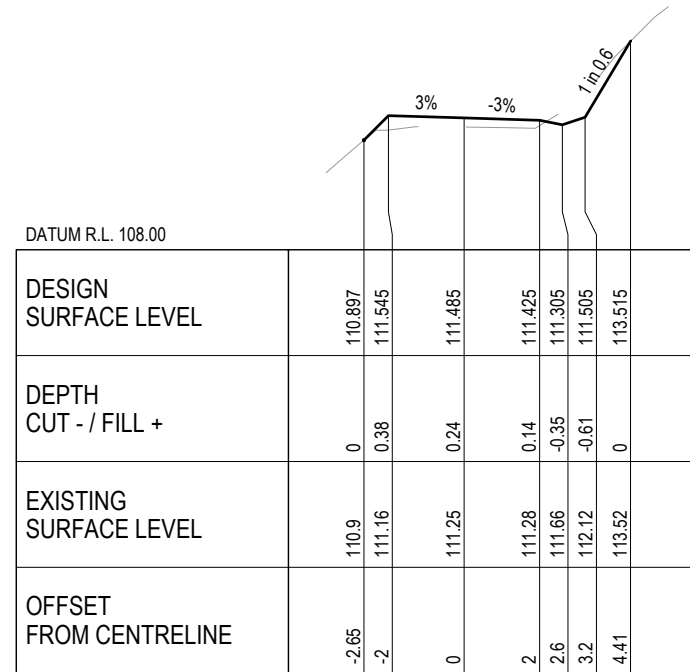
Client	ARMIDALE REGIONAL COUNCIL
Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS
Title	BLACKBIRD FLAT CROSS SECTIONS - MC01 - SHEET 4 OF 9
Original Size	A3
Drawing No:	12562718-C1504
Rev:	B

NOTES:

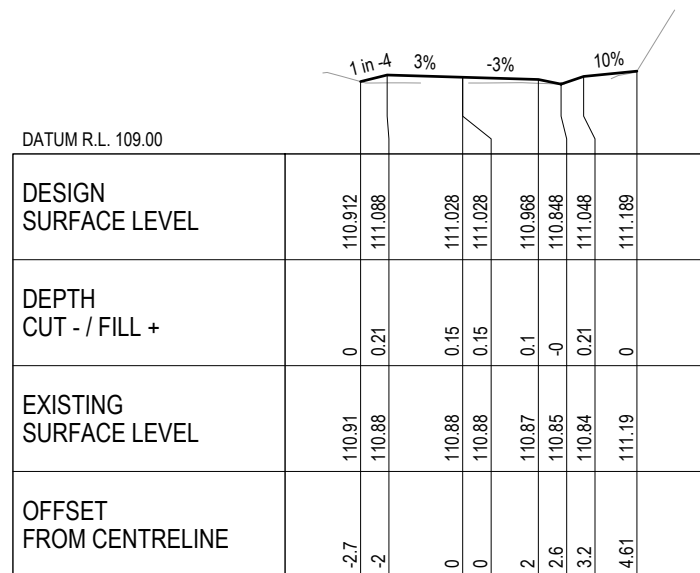
- ROAD FORMATION DETAIL TO BE CONFIRMED AT EACH LOCATION DURING DETAILED DESIGN BASED ON AVAILABLE BUDGET, TAKING INTO ACCOUNT ROAD WIDTH, SAFETY, DRAINAGE AND POTENTIAL MINOR ROCK CUTTING.



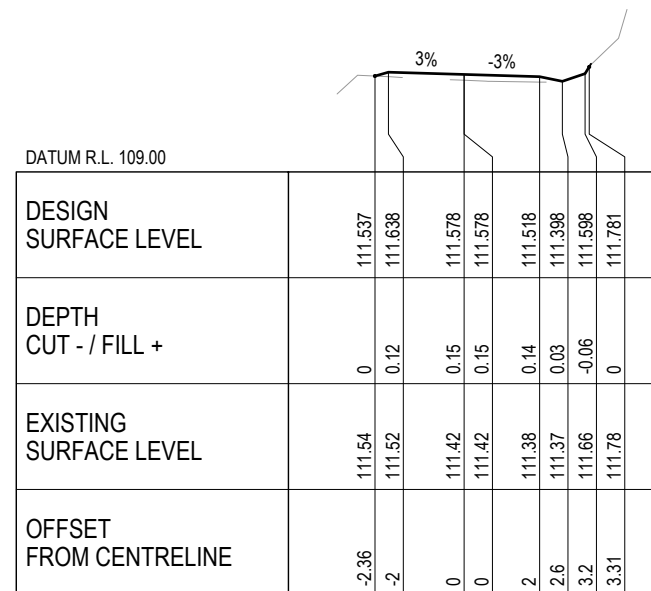
CH 420



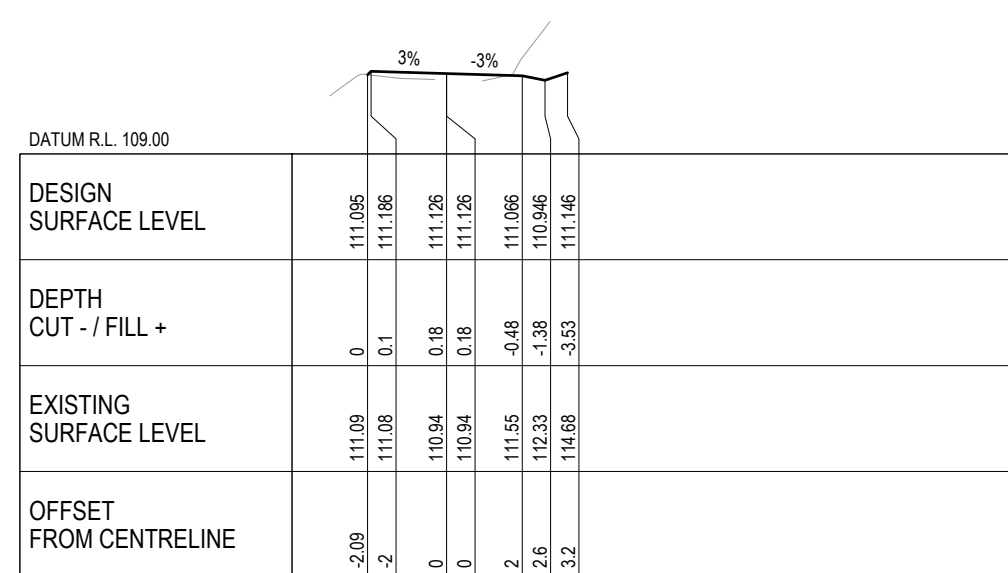
CH 460



CH 400



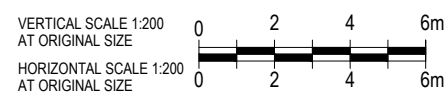
CH 440



CH 480

PRELIMINARY

B	UPDATED CONCEPT DESIGN	CP	DW	AF	31.01.22	
A	CONCEPT DESIGN	CP	DW	AF	21.01.22	
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date



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Drawn	C.PURDON	Designer	D.McCARTHY
Drafting Check		Design Check	
Approved (Project Director)			
Date			
Scale			

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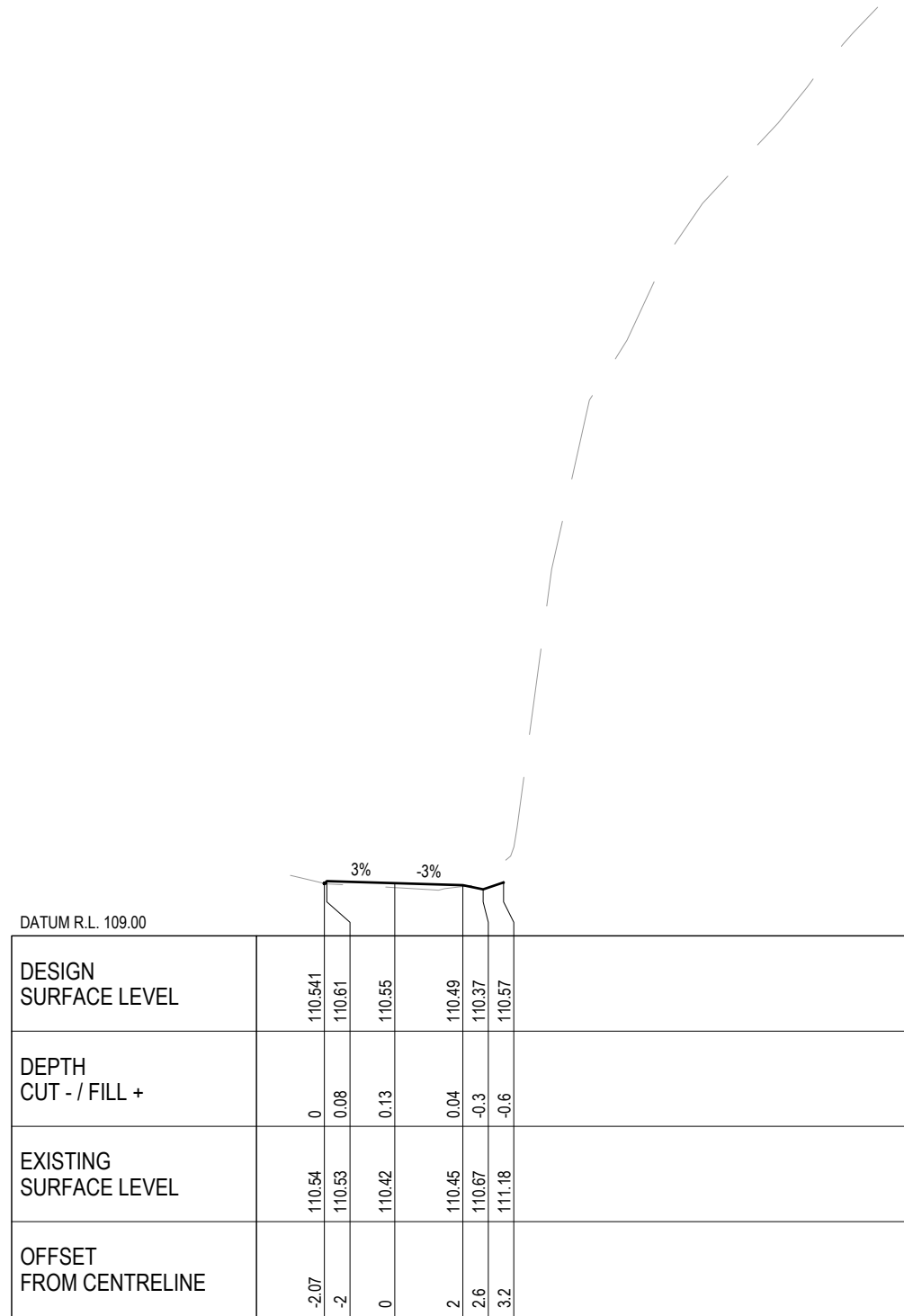
Client **ARMIDALE REGIONAL COUNCIL**
Project **KEMPSEY-ARMIDALE ROAD RECOVERY WORKS**
Title **BLACKBIRD FLAT CROSS SECTIONS - MC01 - SHEET 5 OF 9**

Original Size **A3** Drawing No: **12562718-C1505**

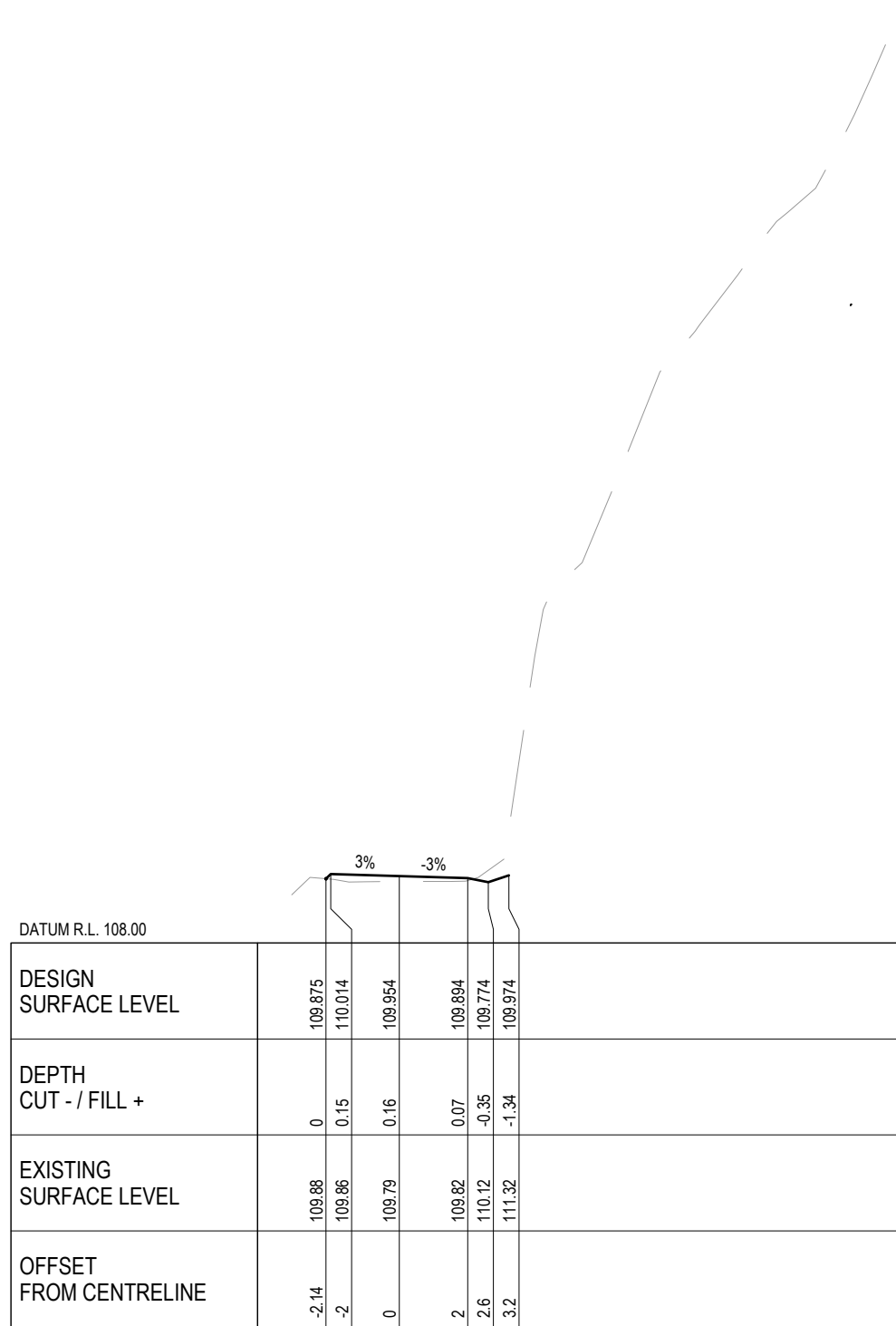
Rev: **B**

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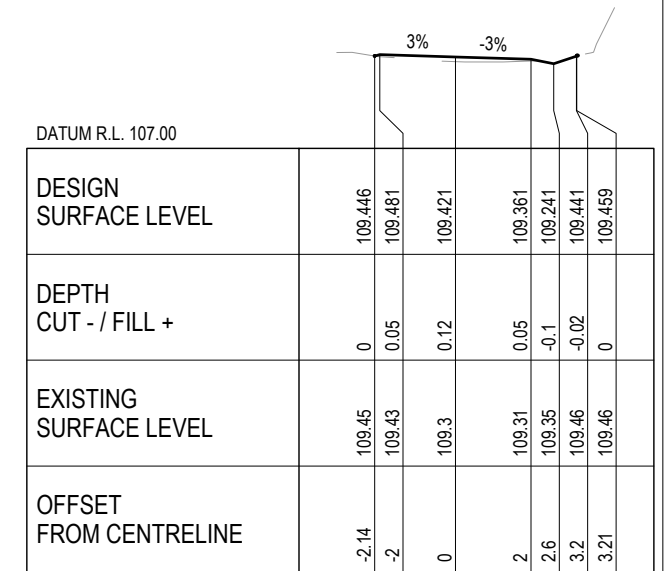
- ROAD FORMATION DETAIL TO BE CONFIRMED AT EACH LOCATION DURING DETAILED DESIGN BASED ON AVAILABLE BUDGET, TAKING INTO ACCOUNT ROAD WIDTH, SAFETY, DRAINAGE AND POTENTIAL MINOR ROCK CUTTING.



CH 500



CH 520



CH 540

PRELIMINARY

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
B	UPDATED CONCEPT DESIGN		CP	DW	AF	31.01.22
A	CONCEPT DESIGN		CP	DW	AF	21.01.22

VERTICAL SCALE 1:200
AT ORIGINAL SIZE
HORIZONTAL SCALE 1:200
AT ORIGINAL SIZE



DO NOT SCALE	
Drawn C.PURDON	Designer D.McCARTHY
Drafting Check	Design Check
Approved (Project Director)	Date
Scale	This Drawing must not be used for Construction unless signed as Approved

Client	ARMIDALE REGIONAL COUNCIL	
Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS	
Title	BLACKBIRD FLAT	
	CROSS SECTIONS - MC01 - SHEET 6 OF 9	
Original Size	Drawing No: 12562718-C1506	Rev: B

NOTES:

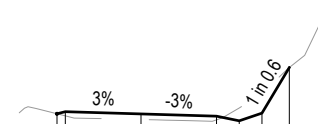
- ROAD FORMATION DETAIL TO BE CONFIRMED AT EACH LOCATION DURING DETAILED DESIGN BASED ON AVAILABLE BUDGET, TAKING INTO ACCOUNT ROAD WIDTH, SAFETY, DRAINAGE AND POTENTIAL MINOR ROCK CUTTING.



DATUM R.L. 107.00

DESIGN SURFACE LEVEL		109.146	109.311	109.251	109.191	109.071	109.271
DEPTH CUT - / FILL +		0	0.17	0.16	0.09	-0.41	-1.52
EXISTING SURFACE LEVEL		109.15	109.14	109.1	108.1	109.48	110.8
OFFSET FROM CENTRELINE		-2.18	-2	0	2	2.6	3.2

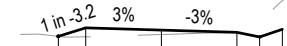
CH 580



DATUM R.L. 107.00

DESIGN SURFACE LEVEL		109.141	109.197	109.137	109.077	108.957	109.157	110.365
DEPTH CUT - / FILL +		0	0.11	0.15	0.1	-0.34	-0.52	0
EXISTING SURFACE LEVEL		109.14	109.08	108.99	108.98	109.29	109.68	110.36
OFFSET FROM CENTRELINE		-2.22	-2	0	2	2.6	3.2	3.92

CH 600



DATUM R.L. 107.00

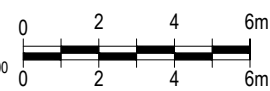
DESIGN SURFACE LEVEL		108.543	108.769	108.709	108.649	108.529	108.729
DEPTH CUT - / FILL +		0	0.24	0.12	0.01	-0.39	-0.75
EXISTING SURFACE LEVEL		108.54	108.53	108.59	108.64	108.92	109.48
OFFSET FROM CENTRELINE		-2.73	-2	0	2	2.6	3.2

CH 620

PRELIMINARY

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
B	UPDATED CONCEPT DESIGN		CP	DW	AF	31.01.22
A	CONCEPT DESIGN		CP	DW	AF	21.01.22

VERTICAL SCALE 1:200
AT ORIGINAL SIZE
HORIZONTAL SCALE 1:200
AT ORIGINAL SIZE



DO NOT SCALE

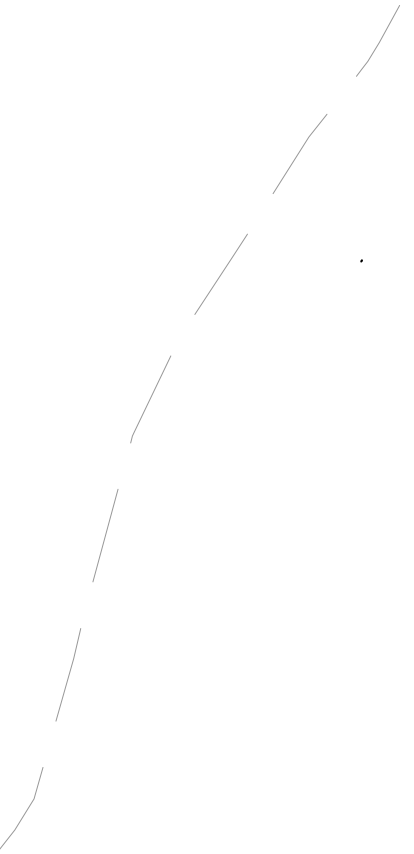
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Drawn	C.PURDON	Designer	D.McCARTHY
Drafting Check		Design Check	
Approved (Project Director)		Date	
Scale		This Drawing must not be used for Construction unless signed as Approved	

Client	ARMIDALE REGIONAL COUNCIL
Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS
Title	BLACKBIRD FLAT CROSS SECTIONS - MC01 - SHEET 7 OF 9
Original Size	A3
Drawing No:	12562718-C1507
Rev:	B

NOTES:

- ROAD FORMATION DETAIL TO BE CONFIRMED AT EACH LOCATION DURING DETAILED DESIGN BASED ON AVAILABLE BUDGET, TAKING INTO ACCOUNT ROAD WIDTH, SAFETY, DRAINAGE AND POTENTIAL MINOR ROCK CUTTING.



3% -3% 1 in 10

DATUM R.L. 107.00

DESIGN SURFACE LEVEL	108.822	108.822	109.093	109.033	109.033	108.973	108.853	109.063	109.232
DEPTH CUT - / FILL +	0	0.29	0.22	0.22	0.1	-0.03	0.15	0	
EXISTING SURFACE LEVEL	108.82	108.81	108.82	108.82	108.88	108.88	108.9	109.23	
OFFSET FROM CENTRELINE	-2.27	-2	0	0	2	2.6	3.2	4.99	

CH 680

3% -3%

DATUM R.L. 107.00

DESIGN SURFACE LEVEL	109.297	109.383	109.323	109.323	109.263	109.143	109.343	109.367
DEPTH CUT - / FILL +	0	0.1	0.1	0.1	0.05	-0.12	0.04	0
EXISTING SURFACE LEVEL	109.3	109.28	109.22	109.22	109.21	109.26	109.31	109.37
OFFSET FROM CENTRELINE	-2.09	-2	0	0	2	2.6	3.2	3.44

CH 720

3% -3%

DATUM R.L. 107.00

DESIGN SURFACE LEVEL	108.55	108.803	108.743	108.743	108.683	108.563	108.763
DEPTH CUT - / FILL +	0	0.24	0.14	0.14	0.02	-0.28	-0.57
EXISTING SURFACE LEVEL	108.55	108.56	108.6	108.6	108.66	108.85	109.33
OFFSET FROM CENTRELINE	-2.25	-2	0	0	2	2.6	3.2

CH 640

3% -3%

DATUM R.L. 107.00

DESIGN SURFACE LEVEL	108.692	108.948	108.888	108.888	108.828	108.708	108.908	108.922
DEPTH CUT - / FILL +	0	0.26	0.17	0.17	0.07	-0.08	0.04	0
EXISTING SURFACE LEVEL	108.69	108.68	108.72	108.72	108.76	108.79	108.87	108.92
OFFSET FROM CENTRELINE	-2.26	-2	0	0	2	2.6	3.2	3.33

CH 660

3% -3%

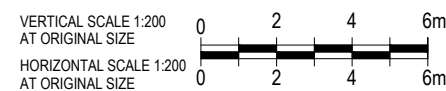
DATUM R.L. 107.00

DESIGN SURFACE LEVEL	109.052	109.238	109.178	109.118	108.998	109.198	109.257
DEPTH CUT - / FILL +	0	0.21	0.12	0	-0.13	0.07	0
EXISTING SURFACE LEVEL	109.05	109.03	109.06	109.12	109.12	109.13	109.26
OFFSET FROM CENTRELINE	-2.19	-2	0	2	2.6	3.2	3.79

CH 700

PRELIMINARY

B	UPDATED CONCEPT DESIGN	CP	DW	AF	31.01.22	
A	CONCEPT DESIGN	CP	DW	AF	21.01.22	
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date



DO NOT SCALE

Drawn C.PURDON Designer D.McCARTHY

Drafting Check Design Check

Approved (Project Director) Date

Scale

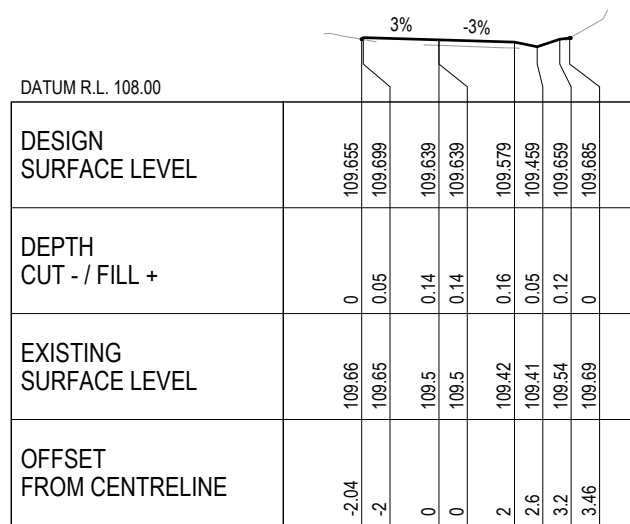
This Drawing must not be used for Construction unless signed as Approved

Client **ARMIDALE REGIONAL COUNCIL**
Project **KEMPSEY-ARMIDALE ROAD RECOVERY WORKS**
Title **CROSSBIRD FLAT**
CROSS SECTIONS - MC01 - SHEET 8 OF 9

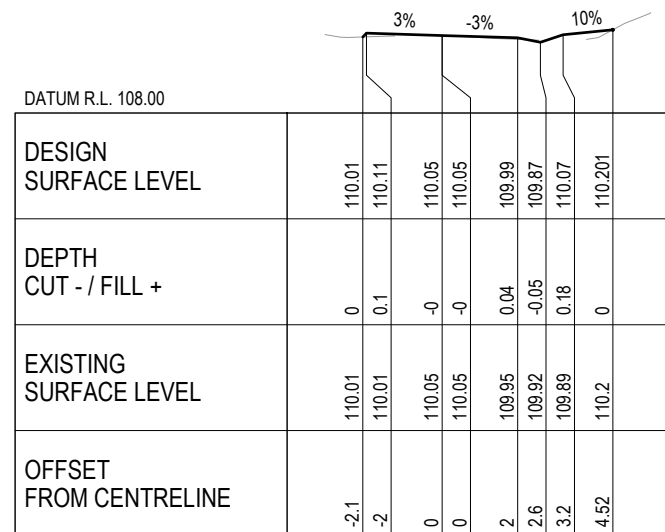
Original Size **A3** Drawing No: **12562718-C1508** Rev: **B**

NOTES:

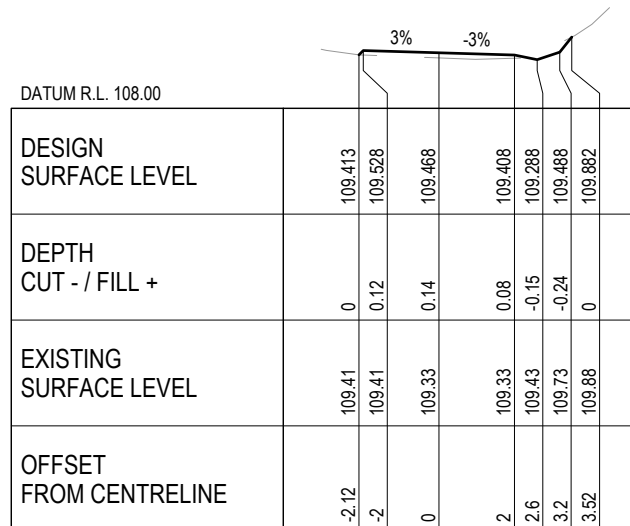
- ROAD FORMATION DETAIL TO BE CONFIRMED AT EACH LOCATION DURING DETAILED DESIGN BASED ON AVAILABLE BUDGET, TAKING INTO ACCOUNT ROAD WIDTH, SAFETY, DRAINAGE AND POTENTIAL MINOR ROCK CUTTING.



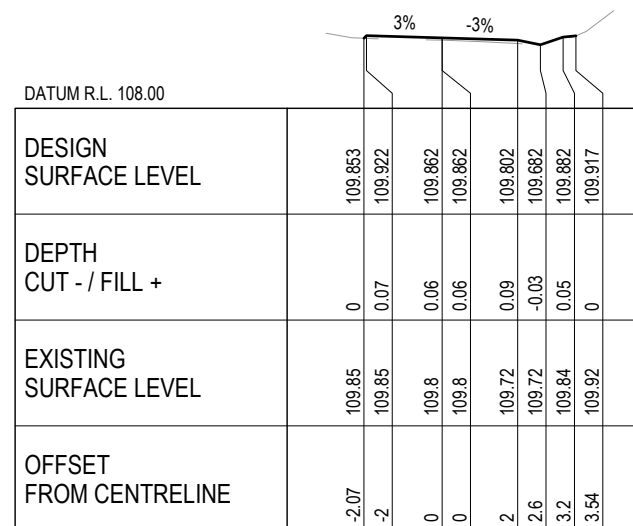
CH 760



CH 796



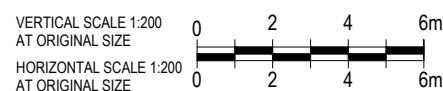
CH 740



CH 780

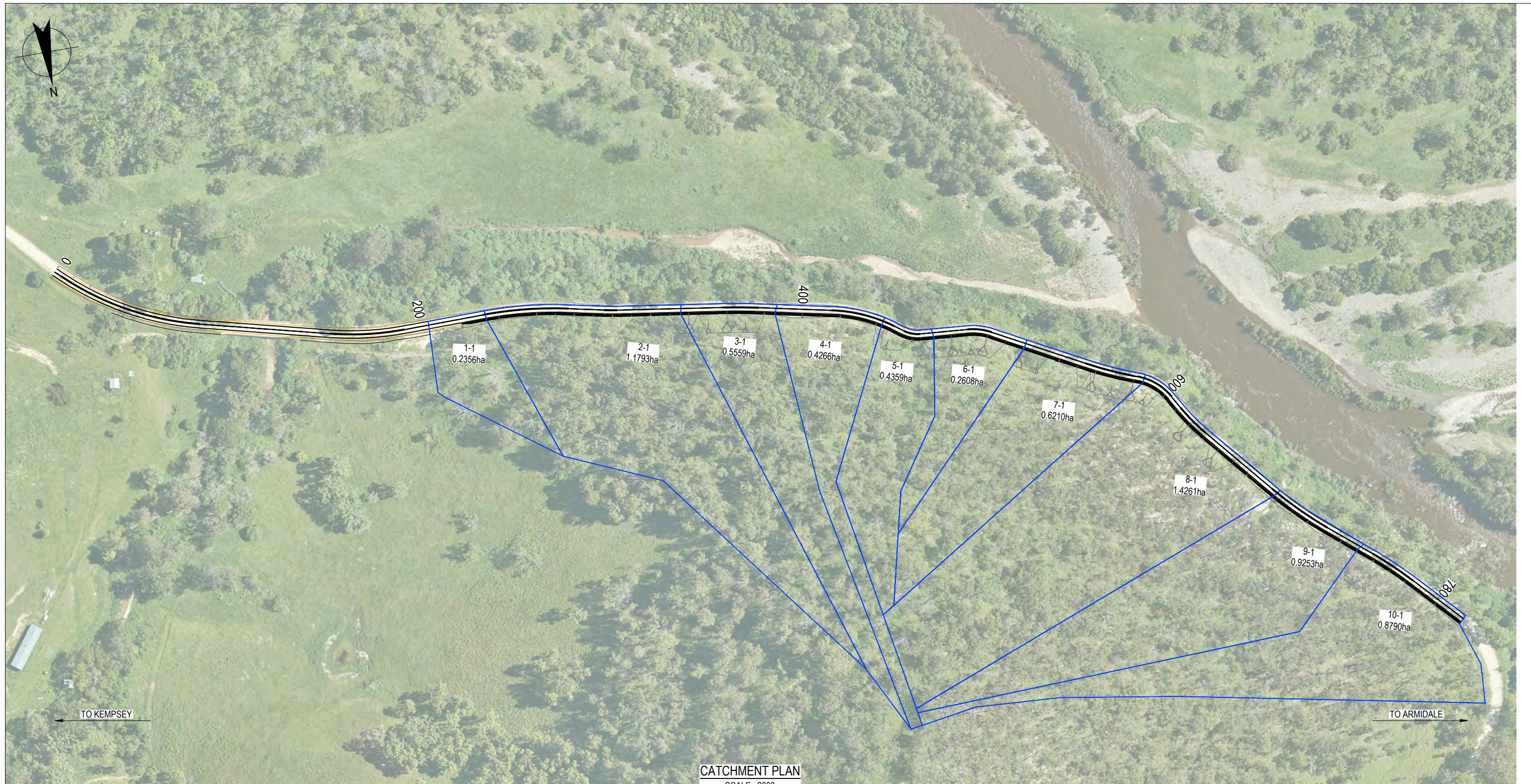
PRELIMINARY

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
B	UPDATED CONCEPT DESIGN		CP	DW	AF	31.01.22
A	CONCEPT DESIGN		CP	DW	AF	21.01.22



DO NOT SCALE		Drawn	Designer
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		Drafting Check	Design Check
		Approved (Project Director)	Date
		Scale	This Drawing must not be used for Construction unless signed as Approved

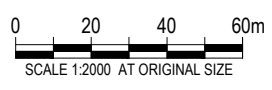
Client	Project	Title	Original Size	Drawing No:	Rev:
ARMIDALE REGIONAL COUNCIL	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS	BLACKBIRD FLAT CROSS SECTIONS - MC01 - SHEET 9 OF 9	A3	12562718-C1509	B



CATCHMENT PLAN
SCALE : 2000

PRELIMINARY

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
B	UPDATED CONCEPT DESIGN		CP	DW	AF	31.01.22
A	CONCEPT DESIGN		CP	DW	AF	21.01.22



DO NOT SCALE	Drawn C.PURDON	Designer D.McCARTHY
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	Approved (Project Director)	Date
	Scale AS SHOWN	<small>This Drawing must not be used for Construction unless signed as Approved</small>

Client	ARMIDALE REGIONAL COUNCIL
Project	KEMPSEY-ARMIDALE ROAD RECOVERY WORKS
Title	BLACKBIRD FLAT CATCHMENT PLAN - SHEET 1 OF 1
Original Size	A3
Drawing No:	12562718-C1521
Rev:	B