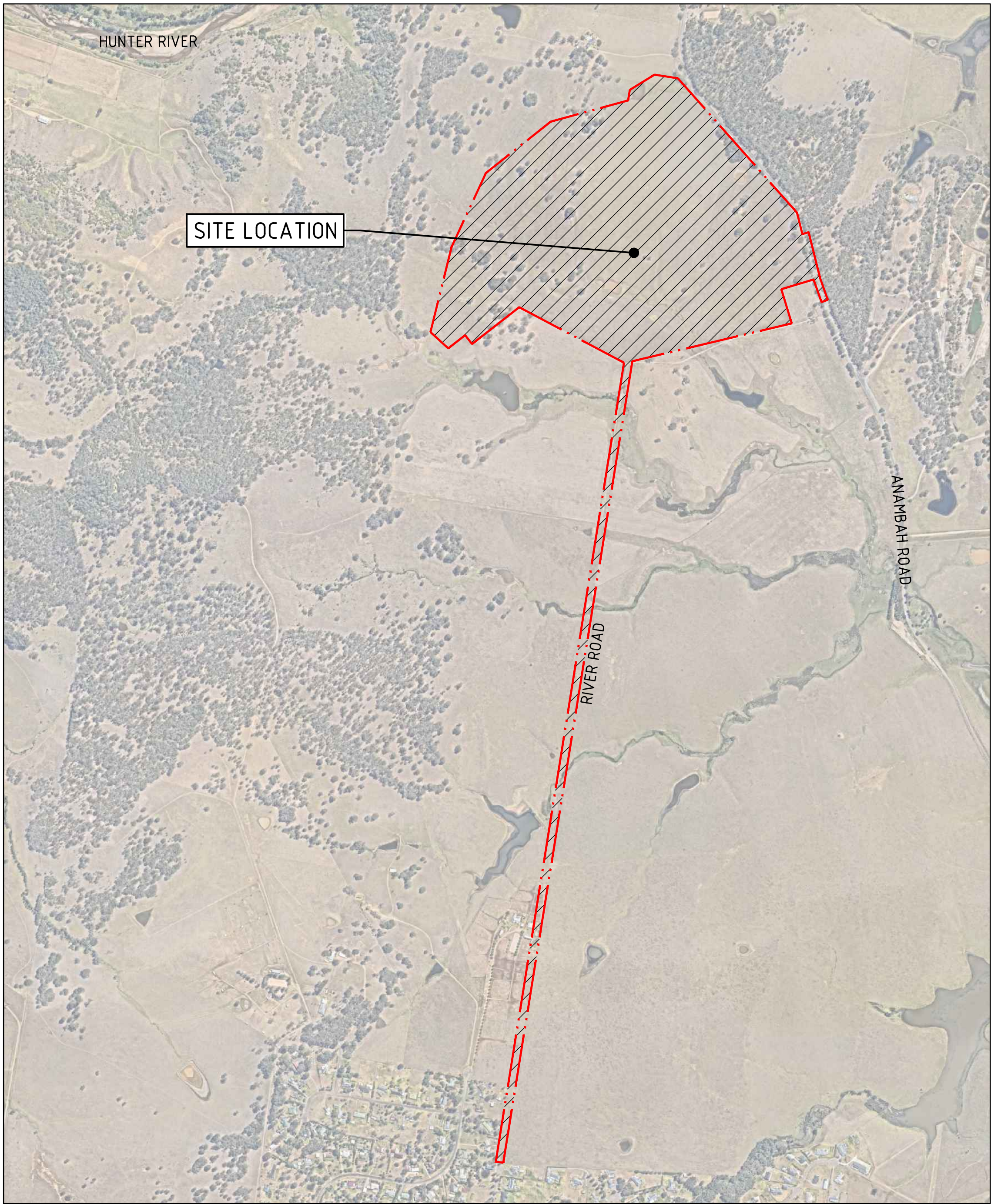


PROPOSED SUBDIVISION, 559 ANAMBAH ROAD GOSFORTH NSW 2320

MASTERPLAN DEVELOPMENT APPLICATION CIVIL ENGINEERING PACKAGE



LOCALITY PLAN

IMAGE SOURCE - NEARMAPS

DRAWING LIST

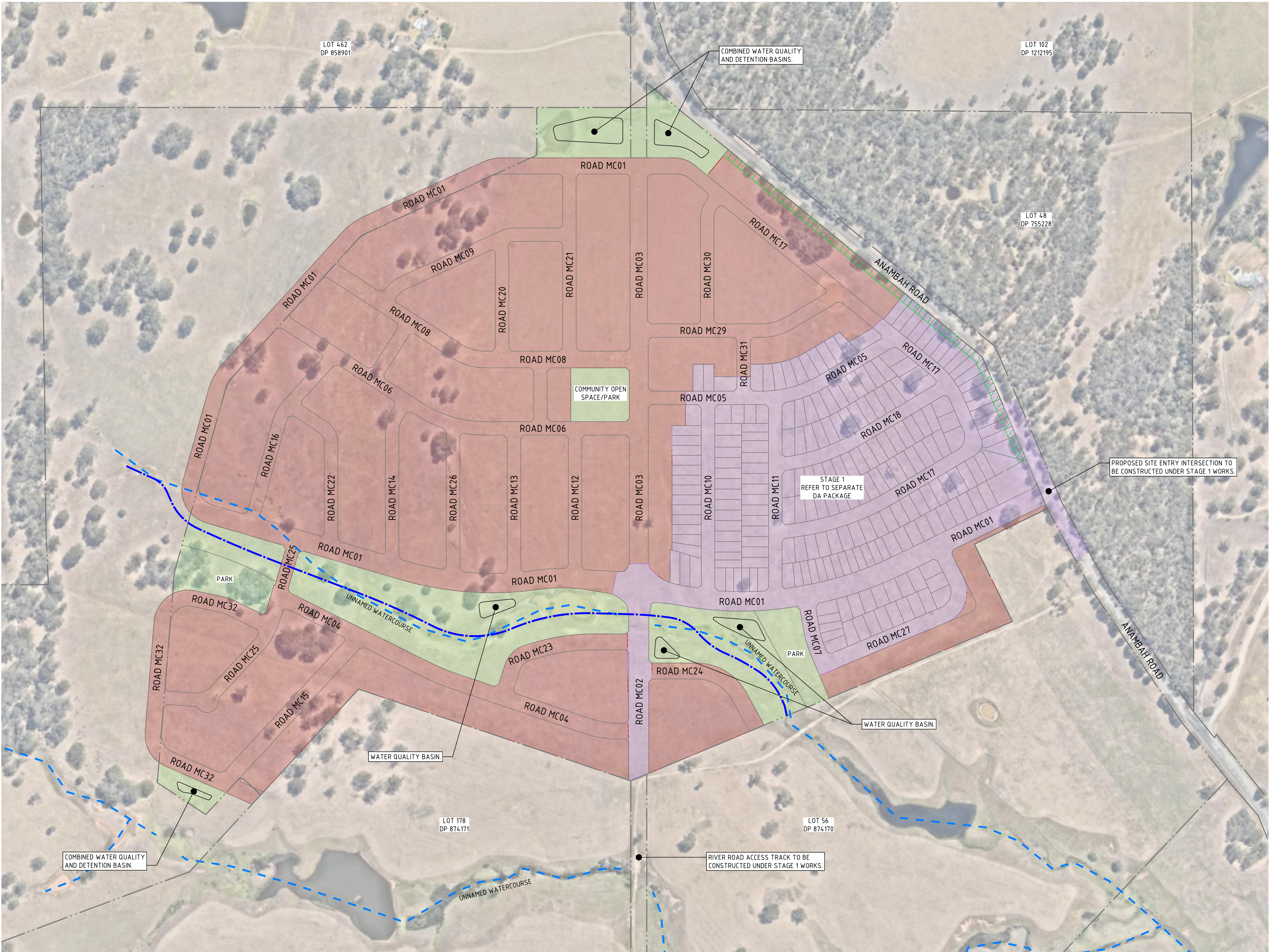
DWGN0	DRAWINGTITLE	
MP-C01.01	COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN	MP-C05.39 ROAD LONGITUDINAL SECTIONS - SHEET 9
MP-C02.01	STAGING PLAN	MP-C05.40 ROAD LONGITUDINAL SECTIONS - SHEET 10
MP-C03.01	CONCEPT BULK EARTHWORKS PLAN	MP-C05.41 ROAD LONGITUDINAL SECTIONS - SHEET 11
MP-C03.11	BULK EARTHWORKS SITE SECTIONS - SHEET 1	MP-C05.42 ROAD LONGITUDINAL SECTIONS - SHEET 12
MP-C03.12	BULK EARTHWORKS SITE SECTIONS - SHEET 2	MP-C05.43 ROAD LONGITUDINAL SECTIONS - SHEET 13
MP-C03.13	BULK EARTHWORKS SITE SECTIONS - SHEET 3	MP-C05.44 ROAD LONGITUDINAL SECTIONS - SHEET 14
MP-C04.01	CONCEPT CIVIL WORKS PLAN - SHEET 1	MP-C05.45 ROAD LONGITUDINAL SECTIONS - SHEET 15
MP-C04.02	CONCEPT CIVIL WORKS PLAN - SHEET 2	MP-C05.46 ROAD LONGITUDINAL SECTIONS - SHEET 16
MP-C04.03	CONCEPT CIVIL WORKS PLAN - SHEET 3	MP-C05.47 ROAD LONGITUDINAL SECTIONS - SHEET 17
MP-C04.04	CONCEPT CIVIL WORKS PLAN - SHEET 4	MP-C05.48 ROAD LONGITUDINAL SECTIONS - SHEET 18
MP-C05.01	ROAD AND PATH PLAN	MP-C05.49 ROAD LONGITUDINAL SECTIONS - SHEET 19
MP-C05.21	ROAD TYPICAL SECTIONS - SHEET 1	MP-C05.50 ROAD LONGITUDINAL SECTIONS - SHEET 20
MP-C05.22	ROAD TYPICAL SECTIONS - SHEET 2	MP-C05.51 ROAD LONGITUDINAL SECTIONS - SHEET 21
MP-C05.23	ROAD TYPICAL SECTIONS - SHEET 3	MP-C05.52 ROAD LONGITUDINAL SECTIONS - SHEET 22
MP-C05.25	TYPICAL SECTIONS THROUGH LOTS	MP-C05.53 ROAD LONGITUDINAL SECTIONS - SHEET 23
MP-C05.26	TYPICAL CIVIL DETAILS	MP-C05.54 ROAD LONGITUDINAL SECTIONS - SHEET 24
MP-C05.31	ROAD LONGITUDINAL SECTIONS - SHEET 1	MP-C05.55 ROAD LONGITUDINAL SECTIONS - SHEET 25
MP-C05.32	ROAD LONGITUDINAL SECTIONS - SHEET 2	MP-C06.01 CREEK PLAN AND LONGITUDINAL SECTION
MP-C05.33	ROAD LONGITUDINAL SECTIONS - SHEET 3	MP-C06.11 CREEK CROSS SECTIONS
MP-C05.34	ROAD LONGITUDINAL SECTIONS - SHEET 4	MP-C08.01 CONCEPT CIVIL WORKS PLAN RIVER ROAD - SHEET 1
MP-C05.35	ROAD LONGITUDINAL SECTIONS - SHEET 5	MP-C08.02 CONCEPT CIVIL WORKS PLAN RIVER ROAD - SHEET 2
MP-C05.36	ROAD LONGITUDINAL SECTIONS - SHEET 6	MP-C08.03 CONCEPT CIVIL WORKS PLAN RIVER ROAD - SHEET 3
MP-C05.37	ROAD LONGITUDINAL SECTIONS - SHEET 7	MP-C08.21 ROAD TYPICAL SECTIONS RIVER ROAD
MP-C05.38	ROAD LONGITUDINAL SECTIONS - SHEET 8	MP-C08.31 ROAD LONGITUDINAL SECTIONS RIVER ROAD - SHEET 1
		MP-C08.32 ROAD LONGITUDINAL SECTIONS RIVER ROAD - SHEET 2
		MP-C08.33 ROAD LONGITUDINAL SECTIONS RIVER ROAD - SHEET 3
		MP-C08.34 ROAD LONGITUDINAL SECTIONS RIVER ROAD - SHEET 4



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A	DRAFT ISSUE	JS	-	AK	09.08.24	Third.i COMMUNITIES	maitland city council	SCALE 1:10000 @ A1		PROPOSED SUBDIVISION 559 ANAMBAH ROAD GOSFORTH NSW 2320	CIVIL ENGINEERING PACKAGE	NL222055-01	
B	DRAFT ISSUE	JS	-	AK	15.08.24								
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24								
D	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24								
E	DRAFT ISSUE	JS	-	AK	23.05.25								
F	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25								
DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED							THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD			MASTERPLAN DA	COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN	MP-C01.01	F
DRAWING SHEET SIZE = A1													

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: A.KILLEN
DRAWN: J.STAUB



LEGEND

EXISTING BOUNDARY LINE

STAGE 1

FUTURE STAGE

OPEN SPACE/DRAINAGE RESERVE

LANDSCAPE SETBACK

INDICATIVE LINE OF EXISTING WATERCOURSE

PROPOSED WATERCOURSE REALIGNMENT



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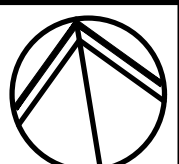
REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
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SCALE 1:2500@A1





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Newcastle
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Ph (02) 4943 1777 Email newcastle@northrop.com.au
ABN 81 094 433 100

PROJECT

**PROPOSED SUBDIVISION
559 ANAMBAAH ROAD
GOSFORTH NSW 2320**

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

STAGING PLAN

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C02.01

REVISION

E

DRAWING SHEET SIZE = A1

DRAWN: J. STAUD
DESIGNED: A. KILLEN
JOB MANAGER: L. MCRAE
VERIFIER: L. MCRAE

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
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F	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

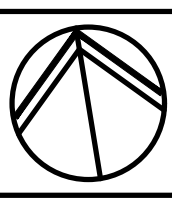
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Printed by: JACOBS STAUD
Project: 015 Pw-July 24 Projects/NEWCASTLE/2025-01-100 Anambah Road, Gosforth - Drawings/Civil/DA/MASTERPLAN/2025-01-MP-C03.01/BLK EIR.dwg

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0 25 50 75 100 125m

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PROJECT
**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**
MASTERPLAN DA

DRAWING TITLE
CIVIL ENGINEERING PACKAGE
CONCEPT BULK EARTHWORKS PLAN

JOB NUMBER
NL222055-01
DRAWING NUMBER
MP-C03.01
REVISION
F
DRAWING SHEET SIZE = A1



NOT FOR CONSTRUCTION

LEGEND

- PROPOSED BOUNDARY LINE
- EXISTING BOUNDARY LINE
- STAGE 1 RELEASE EXTENT
- LOT RE-GRADING TO BE UNDERTAKEN AT SUBDIVISION WORKS STAGE VIA CONSTRUCTING RETAINING WALLS AND BATTERS. DETAILS TO BE PROVIDED AT SWC STAGE. REFER TO C05.25, TYPICAL LOT SECTIONS FOR STANDARD RESIDENTIAL LOT ARRANGEMENTS.
- DESIGN CONTOURS (1.0m INTERVAL)
- EXISTING CONTOURS (1.0m INTERVAL)
- SECTION MARKER

DEPTH OF CUT

- 7m TO - 5m
- 5m TO - 4m
- 4m TO - 3m
- 3m TO - 2m
- 2m TO - 1.5m
- 1.5m TO - 1m
- 1m TO - 0.5m
- 0.5m TO - 0.25m
- 0.25m TO 0.0m

DEPTH OF FILL

- 0.0m TO 0.5m
- 0.5m TO 1m
- 1m TO 1.5m
- 1.5m TO 2m
- 2m TO 2.5m
- 2.5m TO 3m
- 3m TO 4m
- 4m TO 5m
- 5m TO 8m

NOTES

THIS PLAN IS PROVIDED FOR INFORMATION PURPOSES ONLY AND IT IS EXPECTED THAT ADDITIONAL AREAS OF CUT AND FILLING WILL BE REQUIRED BEYOND THE EXTENTS SHOWN ON THIS PLAN. FURTHER LEVELS/DEPTHS OF CUT AND FILL WILL CONTINUE TO BE ALTERED AND THIS WILL BE CONFIRMED AS PART OF THE DETAILED DESIGN PHASE FOR SUBDIVISION WORKS CERTIFICATE PLAN PREPARATION.

STAGE 1 BOUNDARY. REFER SEPARATE
DA PACKAGE FOR PROPOSED LOT
BENCHING AND EARTHWORKS.

DRAWN: J. STAUB
DESIGNED: A. KILLEN
JOB MANAGER: L. MCRAE
VERIFIER: L. MCRAE

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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SCALE 1:1000 @ A1

01020304050m

SCALE 1:200 @ A1

0246810m

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Newcastle

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PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

BULK EARTHWORKS SITE SECTIONS
- SHEET 1

DRAWING NUMBER

MP-C03.11

REVISION

D

DRAWING SHEET SIZE = A1

DATUM RL 25.0

LONGITUDINAL SECTION ALONG 1

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

CHAINAGE	EXISTING SURFACE	FINISHED SURFACE
0	47.987	47.879
5.771	47.591	49.312
11.348	47.241	49.493
17.881	47.214	49.372
15.674	46.97	49.526
19.844	46.715	49.442
22.45	46.512	49.382
22.481	46.509	49.512
24.222	46.343	49.589
27.141	46.082	49.726
98.027	46.27	46.537
100	46.416	46.5
100.946	46.486	46.483
102.995	46.598	46.337
106.888	46.874	46.538
111.136	47.083	46.63
112.83	47.167	46.728
115.749	47.311	46.903
116.937	47.37	47.309
173.569	49.24	49.279
176.428	49.231	48.567
180.778	49.123	48.397
181.193	49.113	48.272
184.928	49.02	48.397
188.479	48.931	48.293
189.004	48.918	48.404
190.629	48.878	48.467
193.429	48.809	48.581
200	48.657	48.278
246.778	46.159	46.121
253.435	45.645	44.461
257.785	45.303	44.29
258.2	45.271	44.165
261.536	44.978	44.289
265.486	44.699	44.195
266.011	44.658	44.295
267.636	44.53	44.358
270.437	44.283	44.472
271.623	44.17	44.176
300	41.914	41.862
314.706	40.762	40.663
330.442	38.951	40.517
334.793	37.704	40.346
335.208	37.648	40.221
338.943	37.132	40.345
342.494	37.465	40.241
343.019	37.542	40.351
344.644	37.781	40.415
347.444	38.419	40.529
357.844	38.977	38.977
400	39.706	39.586
405.215	39.691	39.661
407.45	39.641	40.221
411.8	39.537	40.05
412.215	39.528	39.925
415.951	39.449	40.049
419.501	39.373	39.945
420.026	39.361	40.056
421.651	39.327	40.119
424.452	39.267	40.233
428.58	39.178	39.203
483.877	38.543	38.564
484.457	38.527	38.419
488.808	38.406	38.216
489.223	38.395	38.121
492.958	38.291	38.244
496.509	38.193	38.188
497.034	38.179	38.248
498.659	38.134	38.311
500	38.097	38.365
501.459	38.056	38.424
503.249	38.004	37.977
558.497	35.534	35.534
561.465	35.341	34.794
566.815	34.963	34.584
566.965	34.952	34.434
570.466	34.705	34.569
573.966	34.458	34.676
580.517	33.879	34.485
580.997	33.842	34.595
582.667	33.723	34.658
585.467	33.609	34.773
590.468	33.449	35.124
600	33.227	35.314
615.46	33.548	35.623
615.47	33.549	36.196
640	35.087	36.701

DATUM RL 27.0

LONGITUDINAL SECTION ALONG 1

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

CHAINAGE	EXISTING SURFACE	FINISHED SURFACE
638.9	35.082	36.699
647.473	35.499	36.855
652.474	35.801	36.712
656.824	36.036	36.541
657.239	36.057	36.416
660.975	36.239	36.54
664.525	36.432	36.436
665.05	36.437	36.546
666.675	36.515	36.609
669.475	36.604	36.723
674.476	36.764	36.665
700	37.559	37.175
703.429	37.645	37.244
703.529	37.647	38.755
732.481	38.376	39.334
737.482	38.476	39.149
741.832	38.563	38.978
742.247	38.571	38.853
745.983	38.646	38.977
749.533	38.717	38.873
750.058	38.728	38.983
751.683	38.761	39.047
754.484	38.818	39.161
754.534	38.819	39.014
770.435	39.144	38.994
770.535	39.146	39.32
778.783	39.303	39.305
798.65	39.723	39.552
800	39.754	39.582
802.969	39.807	39.649
807.675	39.846	39.753
812.278	39.952	39.852
813.471	39.985	39.769
823.601	40.211	40.249
832.415	40.433	40.456
833.664	40.465	40.611
837.453	40.551	40.807
840.856	40.647	40.986
843.738	40.697	41.188
854.318	41.097	41.925
866.172	41.502	42.014
866.287	41.506	42.822
881.473	42.043	42.934
881.589	42.047	43.347
896.775	42.649	43.46
896.89	42.654	44.037
900	42.763	44.068
912.077	43.499	44.192
912.192	43.507	44.591
912.439	43.526	44.724
921.379	44.125	44.658
921.495	44.132	45.678
936.681	45.009	45.564
936.796	45.016	46.361
951.745	46.124	46.257
951.856	46.133	46.924
965.584	47.187	46.84
965.691	47.196	47.443
979.268	48.064	47.68
979.341	48.068	47.42
985.174	48.353	47.36
985.636	48.378	47.242
990.069	48.597	47.409
994.091	48.795	47.33
994.675	48.824	47.443
999.518	49.063	47.638
1000	49.084	47.648
1011.449	49.326	47.884
1014.294	49.278	47.598
1045.158	48.015	48.045
1072.953	46.186	46.235
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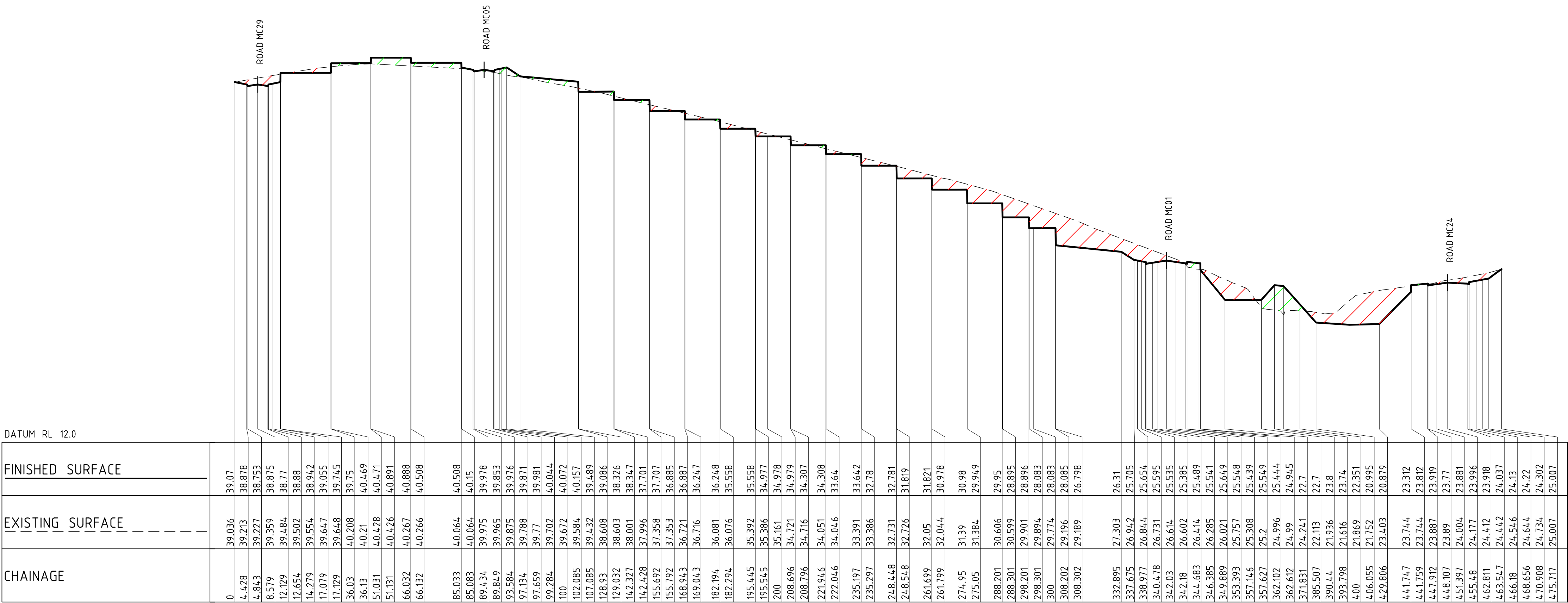
LEGEND

PROPOSED CUT

PROPOSED FILL

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DRAWN: J.STAUB
DESIGNED: AKILLEN
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE



LONGITUDINAL SECTION ALONG 2
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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SCALE 1:1000@A1
SCALE 1:200@A1

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

BULK EARTHWORKS SITE SECTIONS
- SHEET 2

DRAWING NUMBER

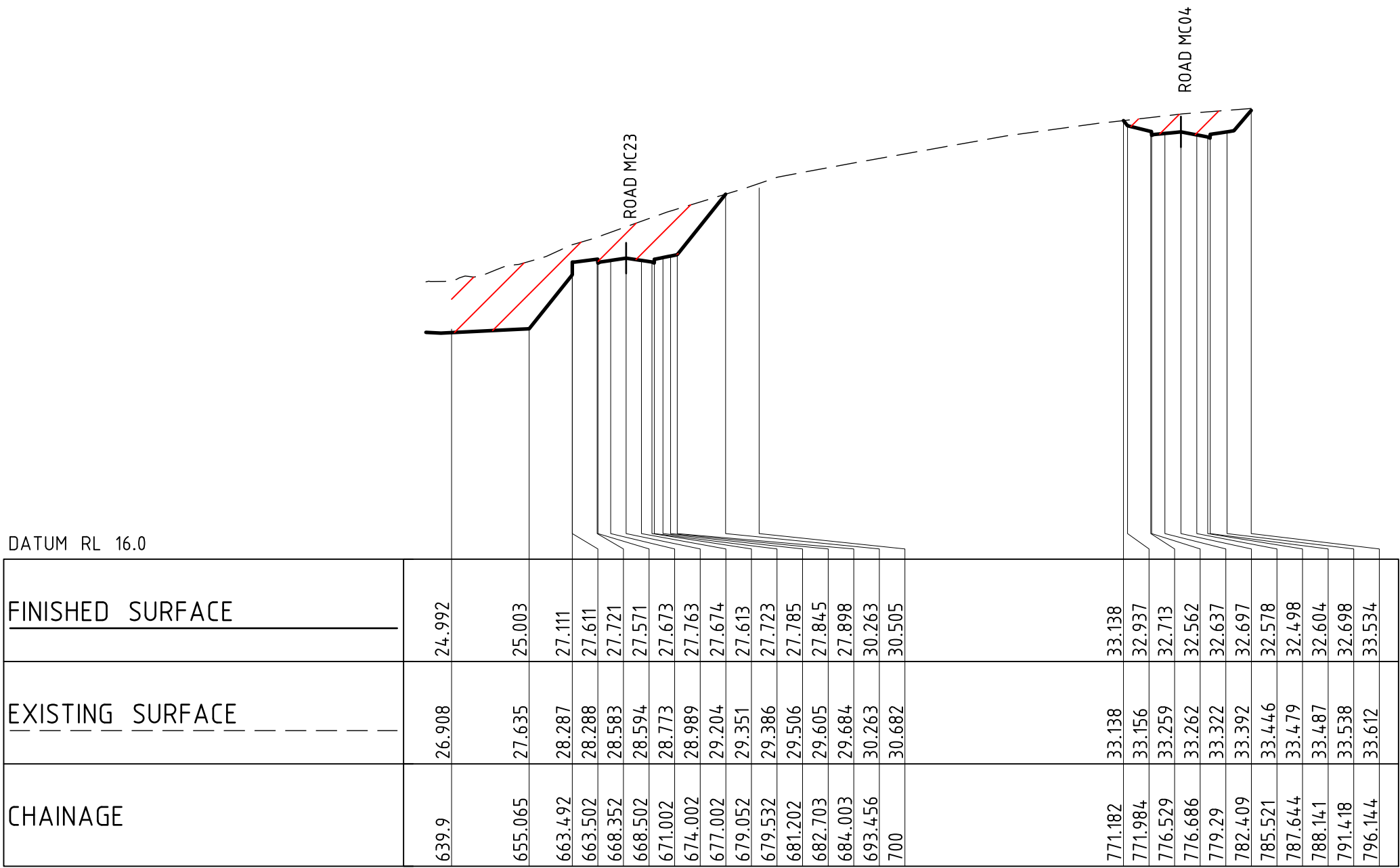
NL222055-01

REVISION

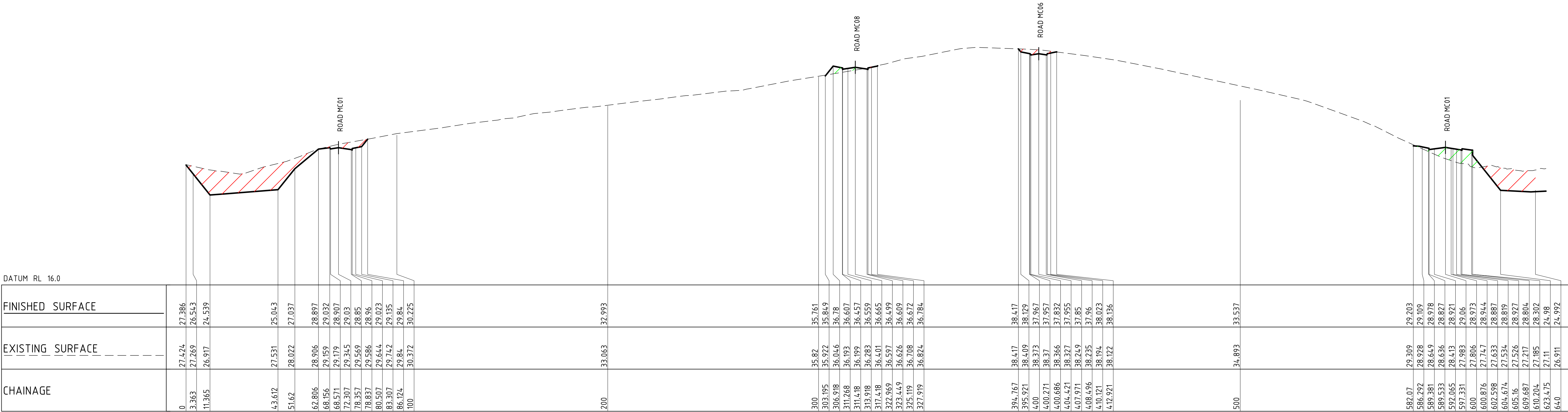
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DRAWING SHEET SIZE = A1

DRAWN: J. STAUB
DESIGNED: A. KILLEN
JOB MANAGER: L. MCRAE
VERIFIER: L. MCRAE



LONGITUDINAL SECTION ALONG 3
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



LONGITUDINAL SECTION ALONG 3
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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SCALE 1:200 @ A1

0 10 20 30 40 50m

0 2 4 6 8 10m

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

BULK EARTHWORKS SITE SECTIONS
- SHEET 3

DRAWING NUMBER

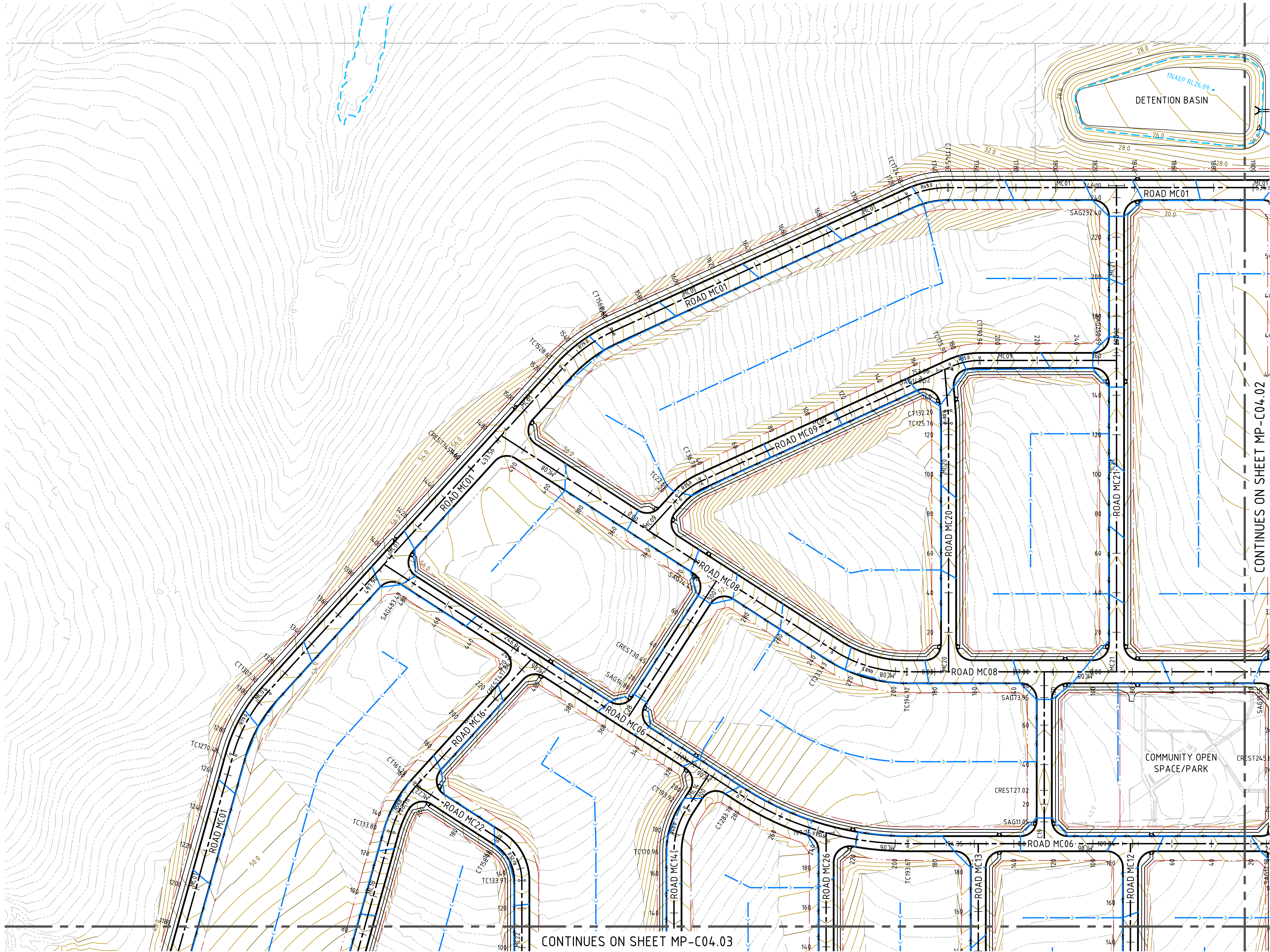
MP-C03.13

REVISION

D

DRAWING SHEET SIZE = A1

DRAWN: J STAUB
DESIGNED: A KILLEN
JOB MANAGER: L MCRAE
VERIFIER: L MCRAE



LEGEND

PROPOSED BOUNDARY LINE

EXISTING BOUNDARY LINE

STAGE 1 RELEASE EXTENT

PROPOSED STORMWATER PIPE

PROPOSED STORMWATER OUTLET WITH SCOUR PROTECTION

DESIGN CONTOURS (0.5m INTERVALS)

EXISTING CONTOURS (0.5m INTERVALS)

LANDSCAPE SETBACK

DENOTES LOT FALL DIRECTION

APPROXIMATE EXTENT OF 1% AEP FLOOD (DEVELOPED CASE)

NOTES

1. REFER TO DRAWING MP-C05.01 FOR FOOTPATH AND SHARED PATH LAYOUTS.

2. REQUIRED RETAINING WALLS TO MAITLAND CITY COUNCIL REQUIREMENTS ON LOT BOUNDARIES NOT SHOWN. DETAILS TO BE PROVIDED AT SWC STAGE.

3. INDICATIVE LOT GRADING SHOWN ONLY. SUBJECT TO DETAILED DESIGN AT SUBDIVISION WORKS CERTIFICATE STAGE.

KEYPLAN

SHEET 1

SHEET 2

SHEET 3

SHEET 4

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
B	DRAFT ISSUE	JS	-	AK	15.08.24	
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24	
D	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24	
E	DRAFT ISSUE	JS	-	AK	23.05.25	
F	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25	
G	REISSUED FOR APPROVAL	JS	LM	AK	20.10.25	

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COMMUNITIES

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COUNCIL

maitland

city council

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SCALE 1:1000 @ A1

0 10 20 30 40 50m

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NORTHROP

Newcastle

Level 1, 215 Pacific Hwy, Charlestown NSW 2290

Ph (02) 4943 1777 Email newcastle@northrop.com.au

ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

CONCEPT CIVIL WORKS PLAN - SHEET 1

DRAWING NUMBER

MP-C04.01

REVISION

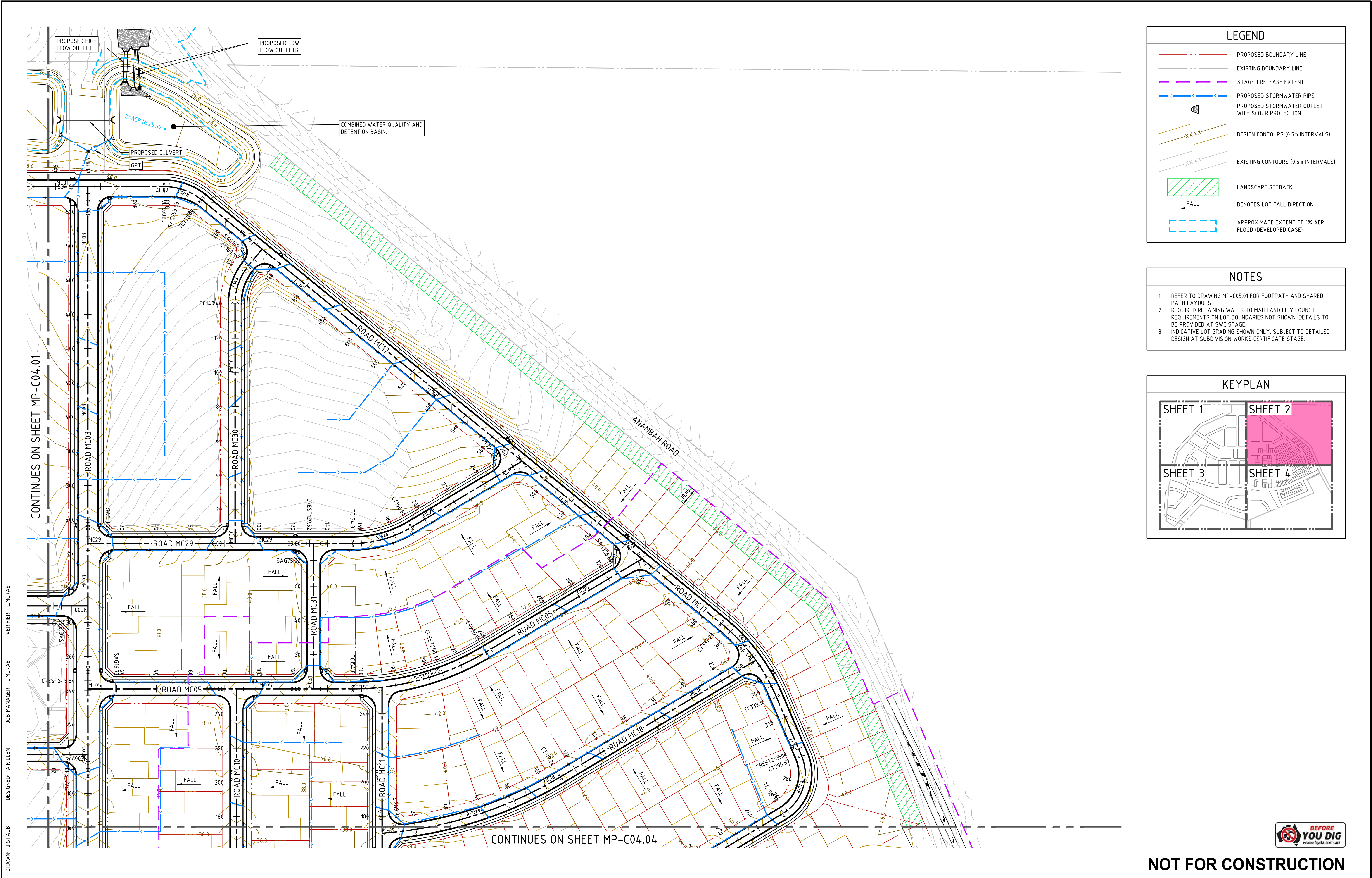
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JOB NUMBER

NL222055-01

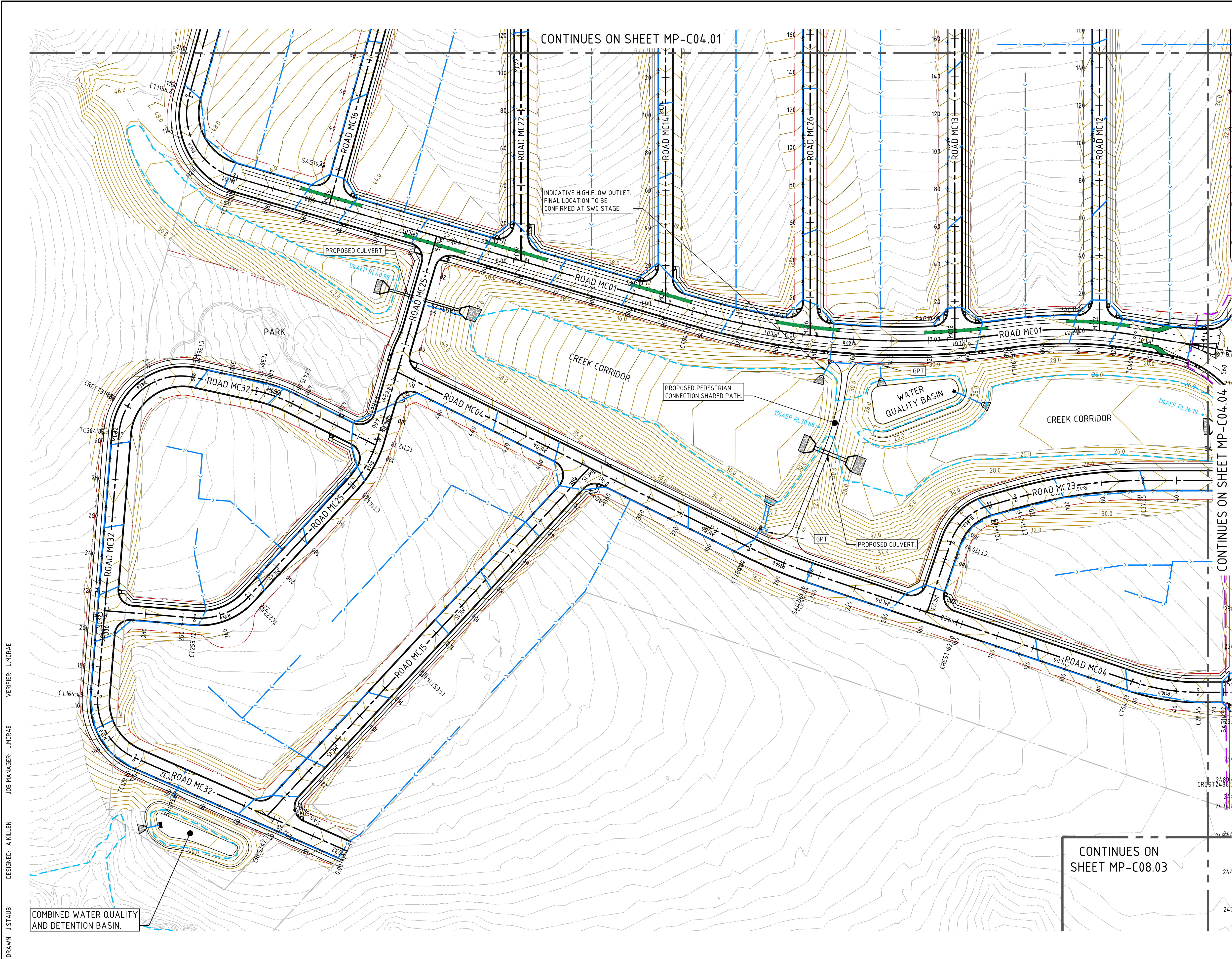
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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	COUNCIL	CLIENT	PROJECT	DRAWING TITLE	JOB NUMBER
B	DRAFT ISSUE	JS	-	AK	15.08.24	Third.i COMMUNITIES	maitland city council	NORTHROP	PROPOSED SUBDIVISION 559 ANAMBAH ROAD GOSFORTH NSW 2320	CIVIL ENGINEERING PACKAGE	NL222055-01
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24						
D	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24						
E	DRAFT ISSUE	JS	-	AK	23.05.25						
F	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25						
G	REISSUED FOR APPROVAL	JS	LM	AK	20.10.25						

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LEGEND

PROPOSED BOUNDARY LINE

EXISTING BOUNDARY LINE

STAGE 1 RELEASE EXTENT

PROPOSED STORMWATER PIPE

PROPOSED STORMWATER OUTLET WITH SCOUR PROTECTION

DESIGN CONTOURS (0.5m INTERVALS)

EXISTING CONTOURS (0.5m INTERVALS)

LANDSCAPE SETBACK

DENOTES LOT FALL DIRECTION

APPROXIMATE EXTENT OF 1% AEP FLOOD (DEVELOPED CASE)

NOTES

1. REFER TO DRAWING MP-C05.01 FOR FOOTPATH AND SHARED PATH LAYOUTS.

2. REQUIRED RETAINING WALLS TO MAITLAND CITY COUNCIL REQUIREMENTS ON LOT BOUNDARIES NOT SHOWN. DETAILS TO BE PROVIDED AT SWC STAGE.

3. INDICATIVE LOT GRADING SHOWN ONLY. SUBJECT TO DETAILED DESIGN AT SUBDIVISION WORKS CERTIFICATE STAGE.

KEYPLAN

SHEET 1

SHEET 2

SHEET 3

SHEET 4

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: AKILLEN
DRAWN: JSTAUB

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
B	DRAFT ISSUE	JS	-	AK	15.08.24	
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24	
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F	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25	
G	REISSUED FOR APPROVAL	JS	LM	AK	20.10.25	

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COMMUNITIES

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maitland

city council

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SCALE 1:1000 @ A1

0 10 20 30 40 50m

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

CONCEPT CIVIL WORKS PLAN -
SHEET 3

DRAWING NUMBER

MP-C04.03

DRAWING SHEET SIZE = A1

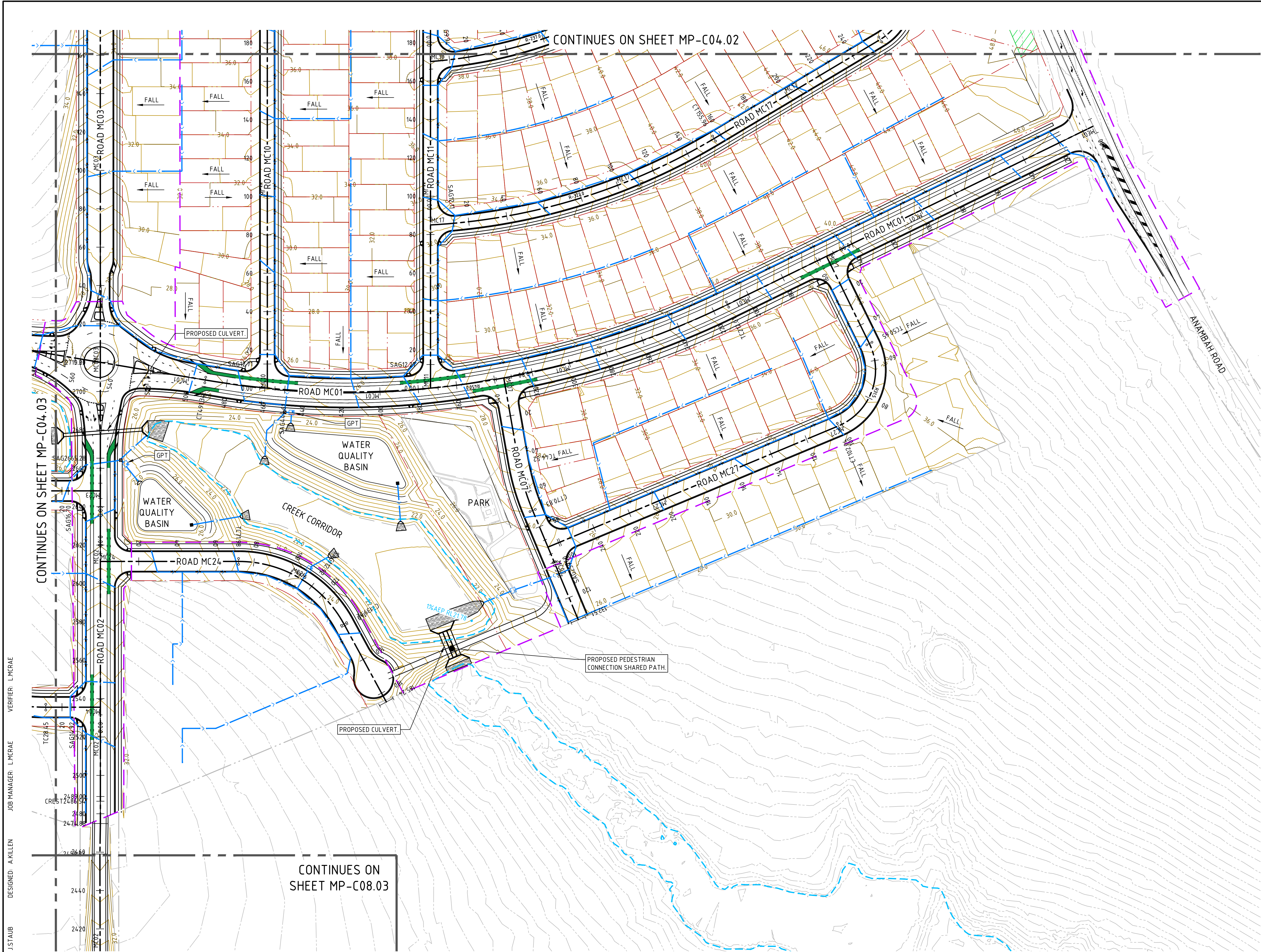
JOB NUMBER

NL222055-01

REVISION

G

NOT FOR CONSTRUCTION



LEGEND

- PROPOSED BOUNDARY LINE
- EXISTING BOUNDARY LINE
- STAGE 1 RELEASE EXTENT
- PROPOSED STORMWATER PIPE
- PROPOSED STORMWATER OUTLET WITH SCOUR PROTECTION
- DESIGN CONTOURS (0.5m INTERVALS)
- EXISTING CONTOURS (0.5m INTERVALS)
- LANDSCAPE SETBACK
- DENOTES LOT FALL DIRECTION
- APPROXIMATE EXTENT OF 1% AEP FLOOD (DEVELOPED CASE)

NOTES

- REFER TO DRAWING MP-C05.01 FOR FOOTPATH AND SHARED PATH LAYOUTS.
- REQUIRED RETAINING WALLS TO MAITLAND CITY COUNCIL REQUIREMENTS ON LOT BOUNDARIES NOT SHOWN. DETAILS TO BE PROVIDED AT SWC STAGE.
- INDICATIVE LOT GRADING SHOWN ONLY. SUBJECT TO DETAILED DESIGN AT SUBDIVISION WORKS CERTIFICATE STAGE.

KEYPLAN

SHEET 1 SHEET 2

SHEET 3 SHEET 4

DRAWN: J. STAUB
DESIGNED: A. KILLEN
JOB MANAGER: L. MCRAE
VERIFIER: L. MCRAE

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
B	DRAFT ISSUE	JS	-	AK	15.08.24	
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24	
D	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24	
E	DRAFT ISSUE	JS	-	AK	23.05.25	
F	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25	
G	REISSUED FOR APPROVAL	JS	LM	AK	20.10.25	



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MAITLAND
city council

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SCALE 1:1000 @ A1

0 10 20 30 40 50m

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PROJECT

**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

**CONCEPT CIVIL WORKS PLAN -
SHEET 4**

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C04.04

REVISION

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DRAWING SHEET SIZE = A1



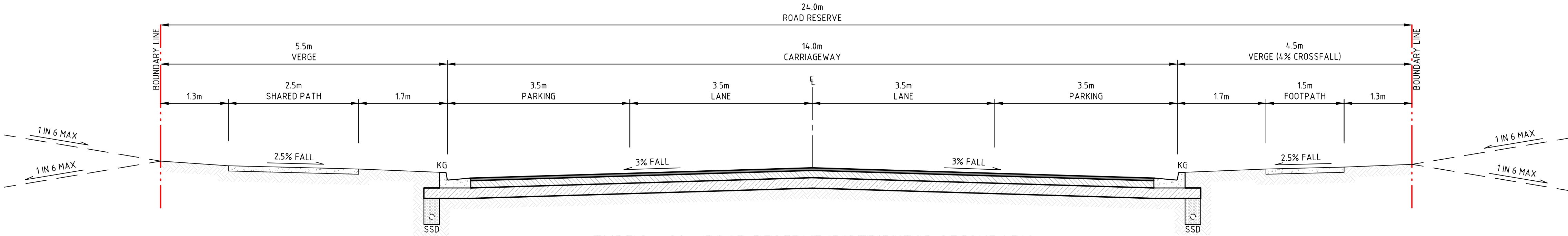
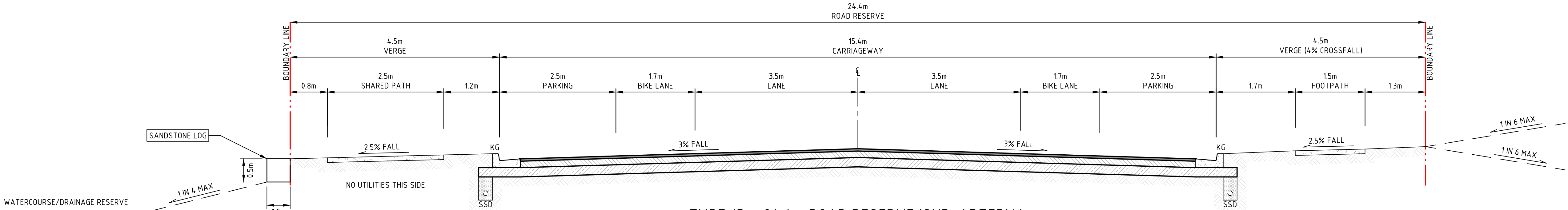
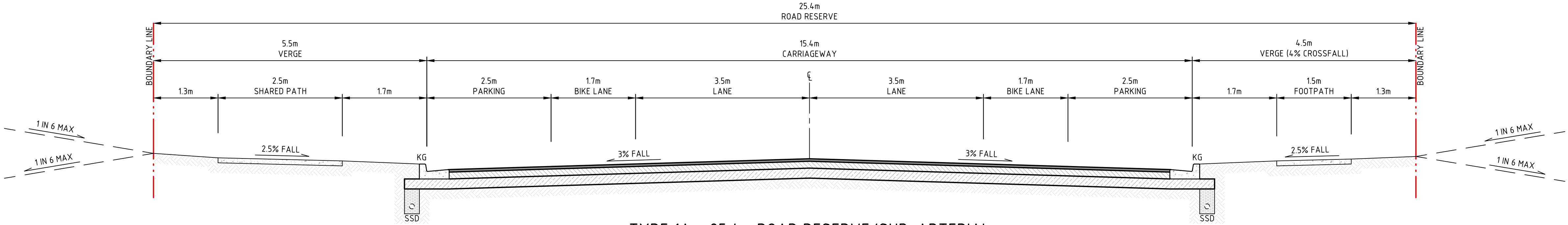
NOT FOR CONSTRUCTION

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: AKILLEN
DRAWN: JSTAUB

- NOTES
1.

UTILITY ALLOCATIONS NOT SHOWN FOR CLARITY. FOOTPATH ALLOCATIONS TO GENERALLY BE IN ACCORDANCE WITH MCC STANDARD DRAWING S0001, UNLESS NOTED OTHERWISE.
2.

REFER TO LANDSCAPE MASTERPLAN DESIGN REPORT (TAYLORBRAMMER REF: 25-005N) FOR LOCATIONS OF PROPOSED STREET TREES. DETAILS TO BE PROVIDED AT SWC STAGE.



NOT FOR CONSTRUCTION

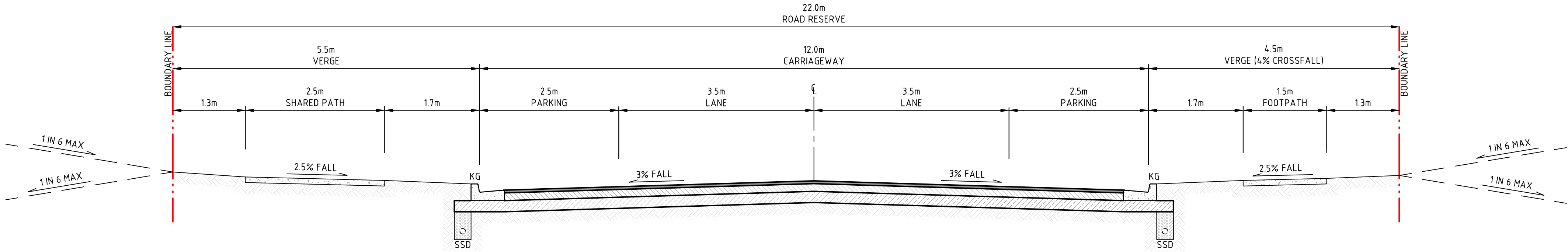
REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	COUNCIL	ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR, AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE.	PROJECT	DRAWING TITLE	JOB NUMBER
C	DRAFT ISSUE	JS	-	AK	06.08.24	Third.i COMMUNITIES	maitland city council	SCALE 1:50@A1	PROPOSED SUBDIVISION 559 ANAMBAH ROAD GOSFORTH NSW 2320	CIVIL ENGINEERING PACKAGE	NL222055-01
D	DRAFT ISSUE	JS	-	AK	09.08.24					ROAD TYPICAL SECTIONS - SHEET 1	DRAWING NUMBER
E	DRAFT ISSUE	JS	-	AK	15.08.24						REVISION
F	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24						MP-C05.21
G	DRAFT ISSUE	JS	-	AK	23.05.25						G
H	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25						DRAWING SHEET SIZE = A1

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: A.KILLEN
DRAWN: J.STAUB

- NOTES
1.

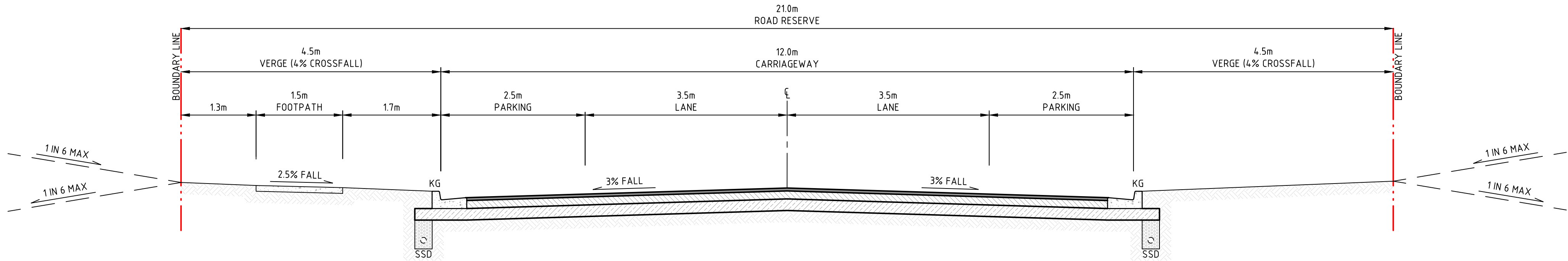
UTILITY ALLOCATIONS NOT SHOWN FOR CLARITY. FOOTPATH ALLOCATIONS TO GENERALLY BE IN ACCORDANCE WITH MCC STANDARD DRAWING SD001, UNLESS NOTED OTHERWISE.
2.

REFER TO LANDSCAPE MASTERPLAN DESIGN REPORT (TAYLORBRAMMER REF: 25-005N) FOR LOCATIONS OF PROPOSED STREET TREES. DETAILS TO BE PROVIDED AT SWC STAGE.



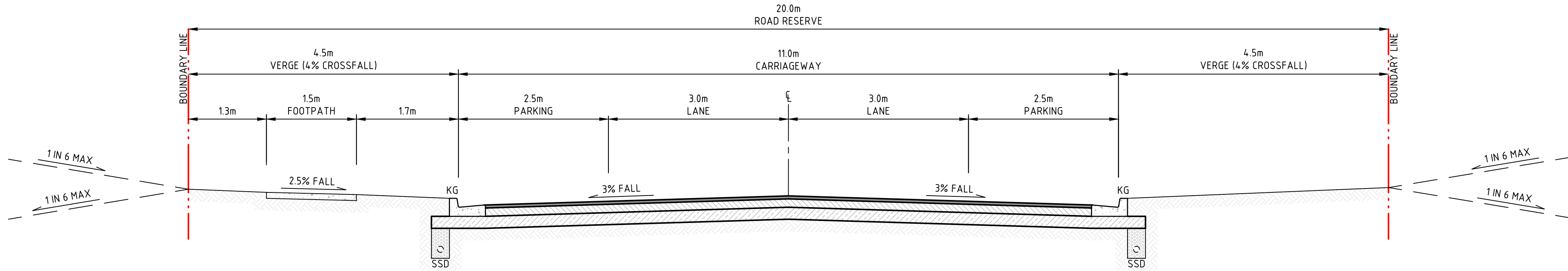
TYPE 3A - 22m ROAD RESERVE/COLLECTOR PRIMARY WITH BUS ROUTE

SECTION 3A
SCALE 1:50
C05.01



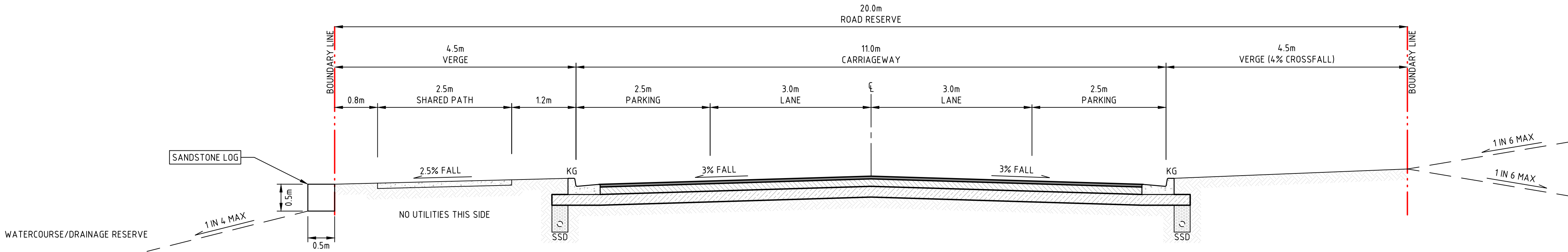
TYPE 3B - 21m ROAD RESERVE/COLLECTOR PRIMARY WITH BUS ROUTE

SECTION 3B
SCALE 1:50
C05.01



TYPE 3C - 20m ROAD RESERVE/COLLECTOR PRIMARY WITHOUT BUS ROUTE

SECTION 3C
SCALE 1:50
C05.01



TYPE 3D - 20m ROAD RESERVE/COLLECTOR PRIMARY WITHOUT BUS ROUTE

SECTION 3D
SCALE 1:50
C05.01



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
C	DRAFT ISSUE	JS	-	AK	06.08.24
D	DRAFT ISSUE	JS	-	AK	09.08.24
E	DRAFT ISSUE	JS	-	AK	15.08.24
F	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
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H	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:50 @ A1

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD TYPICAL SECTIONS - SHEET 2

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C05.22

REVISION

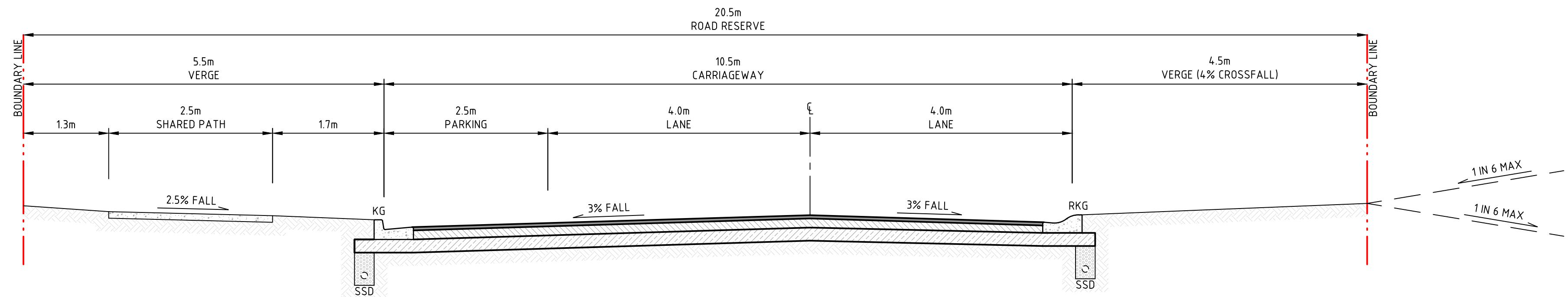
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DRAWING SHEET SIZE = A1

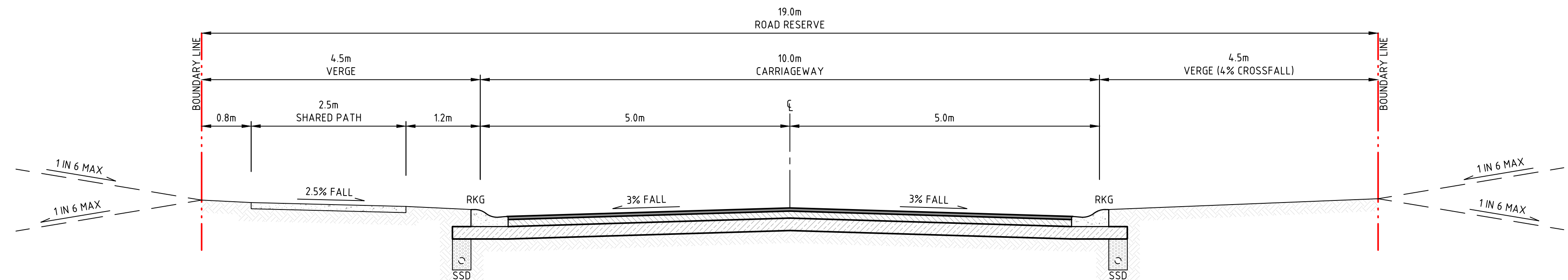
NOTES

1. UTILITY ALLOCATIONS NOT SHOWN FOR CLARITY. FOOTPATH ALLOCATIONS TO GENERALLY BE IN ACCORDANCE WITH MCC STANDARD DRAWING SD001, UNLESS NOTED OTHERWISE.
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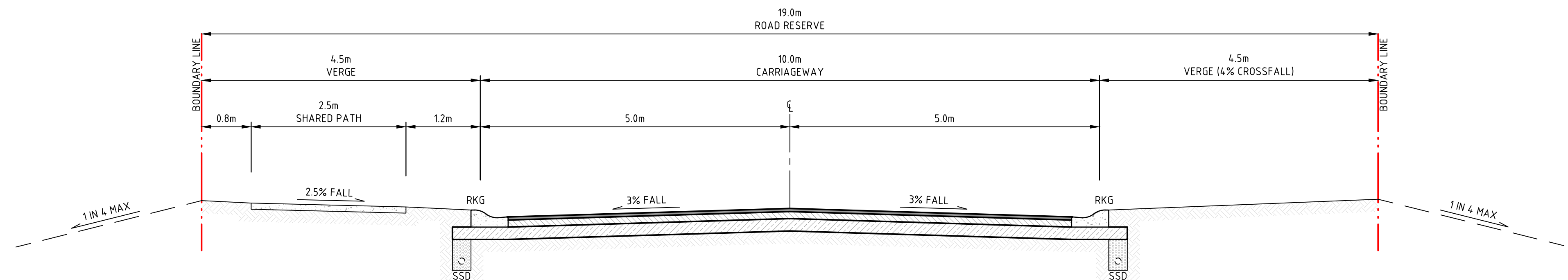
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SECTION 4
SCALE 1:50 C05.01



SECTION 5A
SCALE 1:50 C05.01



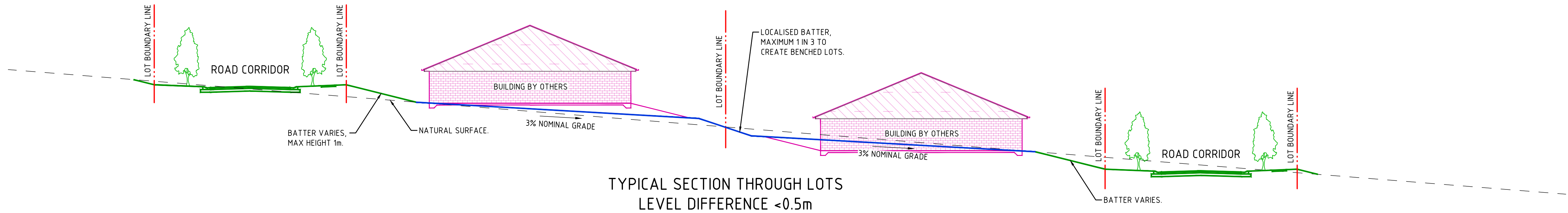
SECTION 5B
SCALE 1:50
C05.01



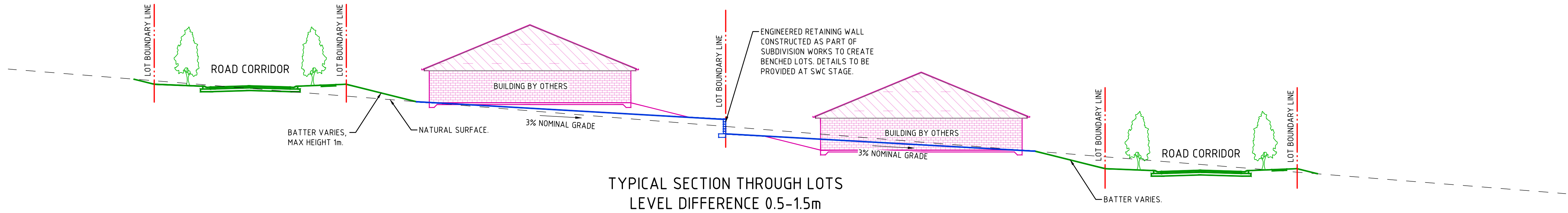
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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	COUNCIL		ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR, AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE.	PROJECT	DRAWING TITLE	JOB NUMBER	
A	DRAFT ISSUE	JS	-	AK	23.05.25	Third.i COMMUNITIES	maitland city council	 Newcastle Level 1, 215 Pacific Hwy, Charlestown NSW 2290 Ph (02) 4943 1777 Email newcastle@northrop.com.au ABN 81 094 433 100	SCALE 1:50 @ A1 	PROPOSED SUBDIVISION 559 ANAMBAH ROAD GOSFORTH NSW 2320 MASTERPLAN DA	CIVIL ENGINEERING PACKAGE ROAD TYPICAL SECTIONS - SHEET 3	NL2220555-01	
B	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25							DRAWING NUMBER	REVISION
C	REISSUED FOR APPROVAL	JS	LM	AK	22.10.25							MP-C05.23	C
												DRAWING SHEET SIZE = A1	
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VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: A.KILLEN
DRAWN: J.STAUB



TYPICAL SECTION THROUGH LOTS
LEVEL DIFFERENCE <0.5m



TYPICAL SECTION THROUGH LOTS
LEVEL DIFFERENCE 0.5-1.5m



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	15.08.24
B	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
C	DRAFT ISSUE	JS	-	AK	23.05.25
D	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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PROJECT

**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

TYPICAL SECTIONS THROUGH LOTS

JOB NUMBER

NL222055-01

DRAWING NUMBER

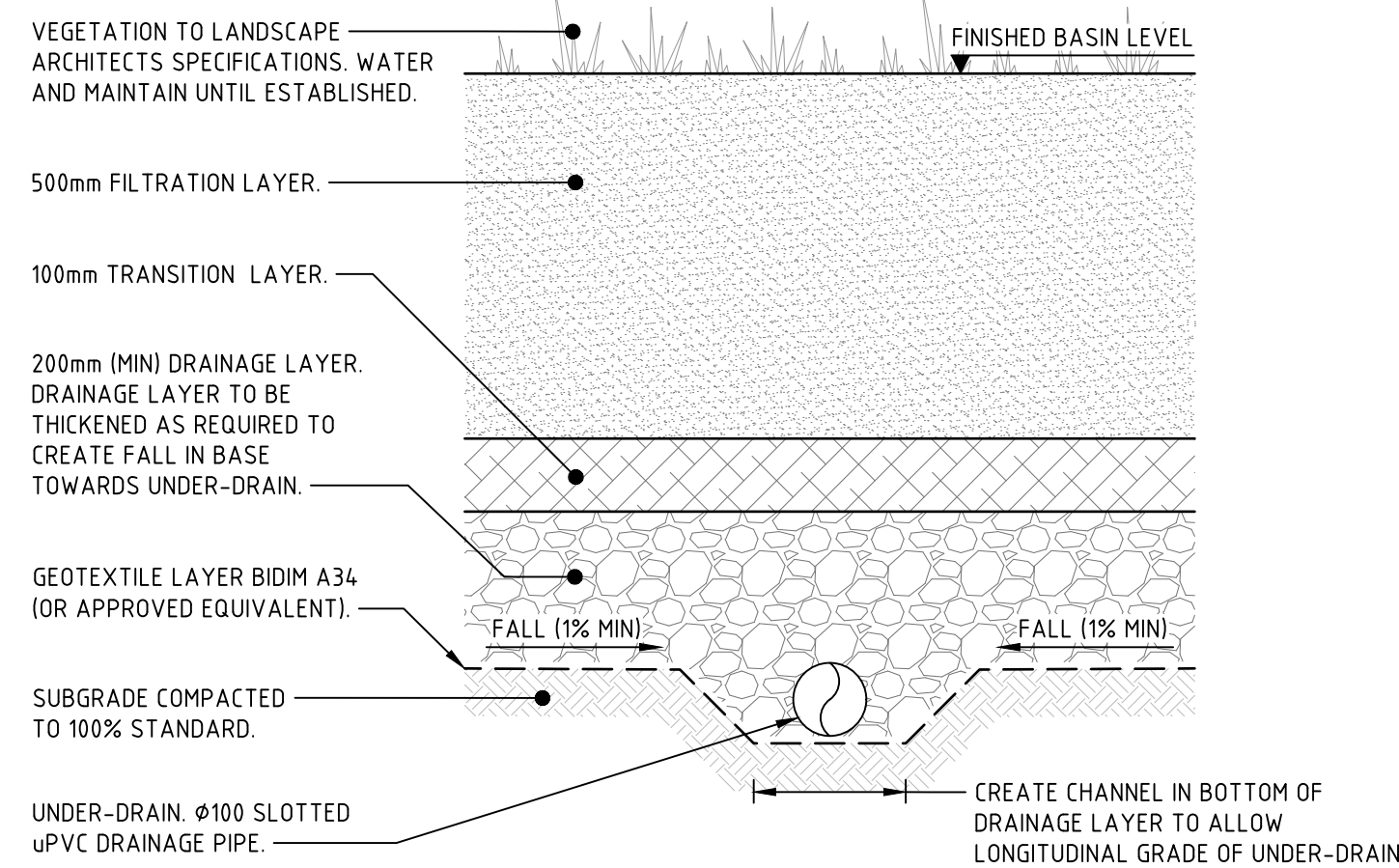
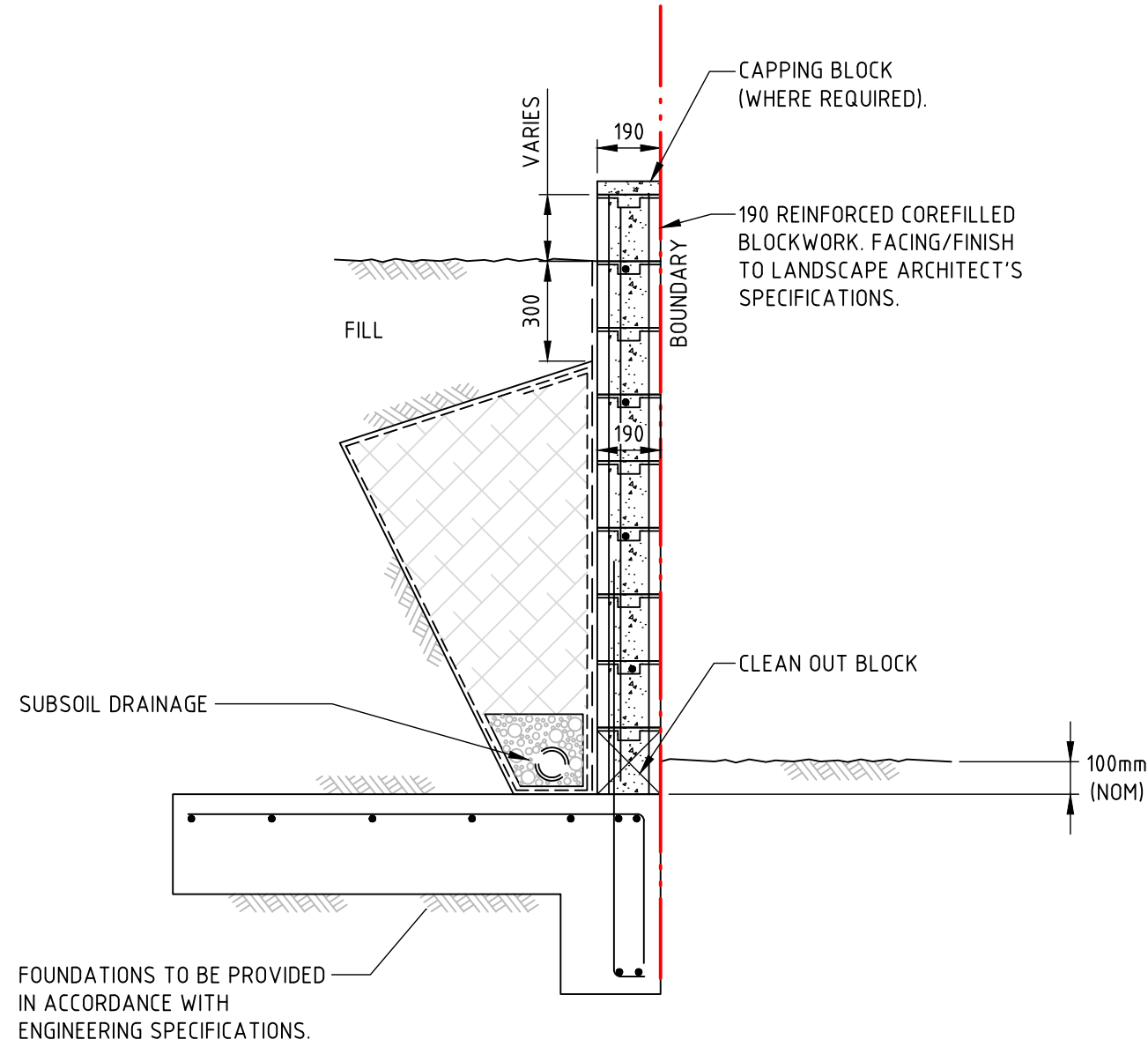
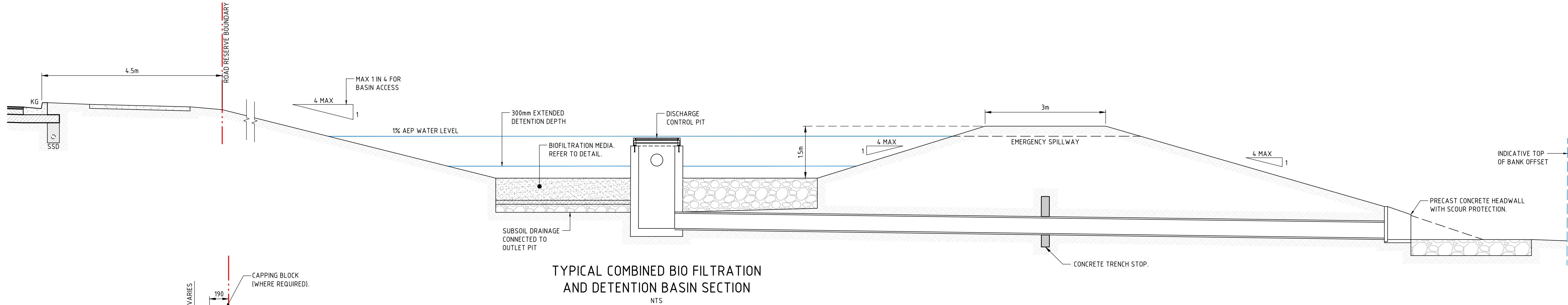
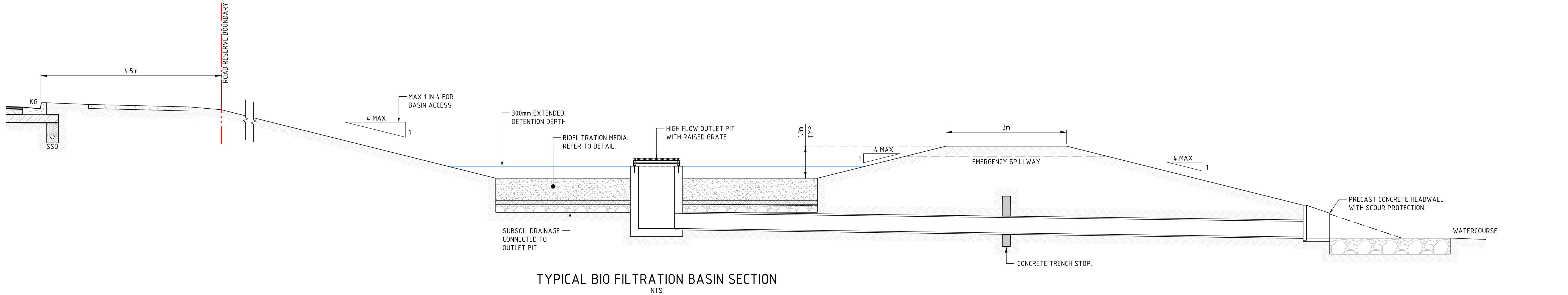
MP-C05.25

REVISION

D

DRAWING SHEET SIZE ± A1

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: A.KILLEN
DRAWN: J.STAUB



TYPICAL RETAINING WALL
UP TO 1.5m HEIGHT
BLOCKWORK RETAINING WALL OPTION SHOWN. FINAL WALL TYPE
AND STRUCTURAL DETAILING TO BE CONFIRMED AT SWC STAGE.

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	15.08.24
B	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
C	DRAFT ISSUE	JS	-	AK	23.05.25
D	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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PROJECT
**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**
MASTERPLAN DA

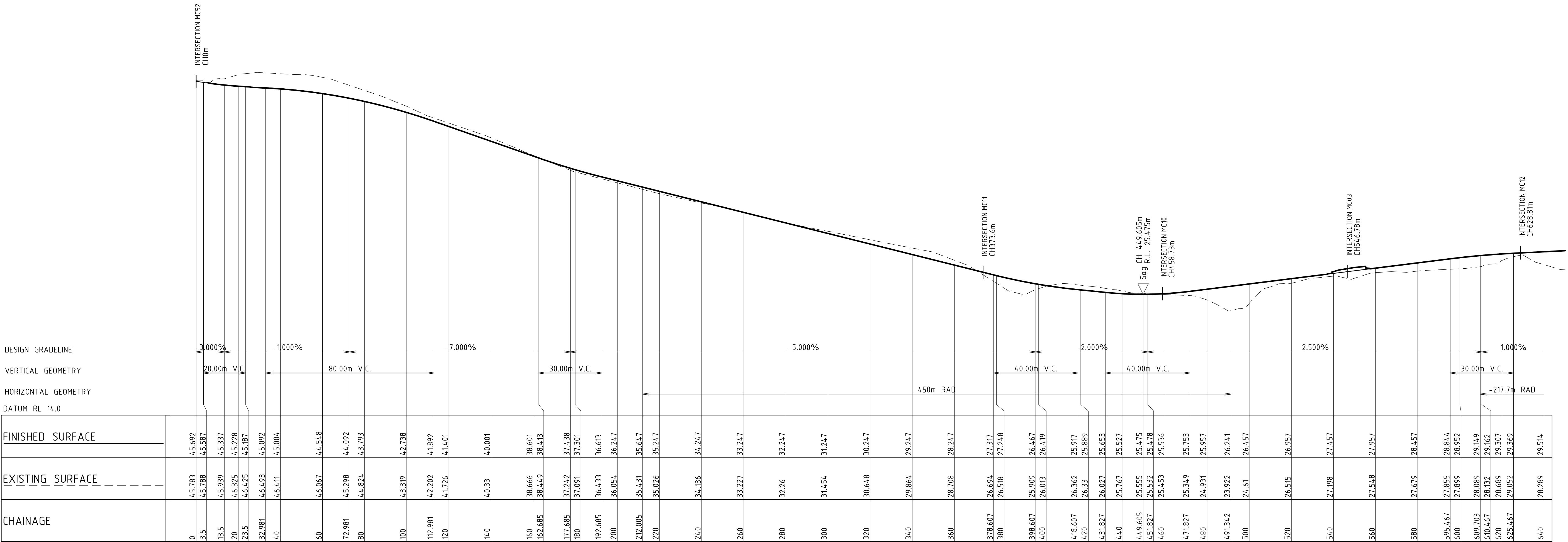
DRAWING TITLE
CIVIL ENGINEERING PACKAGE
TYPICAL CIVIL DETAILS

JOB NUMBER
NL222055-01

DRAWING NUMBER MP-C05.26	REVISION D
------------------------------------	----------------------

DRAWING SHEET SIZE = A1

DRAWN: J.STAUB
DESIGNED: A.KILLEN
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE



LONGITUDINAL SECTION ALONG MC01
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:200 @ A1

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Ph (02) 4943 1777 Email newcastle@northrop.com.au
ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 1

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C05.31

REVISION

E

DRAWING SHEET SIZE = A1

DESIGNED: A.KILLEN
DRAWN: J.STAUB
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 18.0

FINISHED SURFACE	
EXISTING SURFACE	
CHAINAGE	
620	28.689
625.467	29.052
640	28.289
660	28.429
676.905	29.636
680	29.685
700	30.511
720	30.034
727.258	29.942
740	30.322
752.258	30.452
760	31.348
777.258	33.226
780	33.372
800	34.085
820	34.971
840	35.866
847.158	36.143
860	36.628
880	37.395
900	37.973
920	39.007
940	39.512
943.891	39.618
960	40.048
968.891	40.125
980	40.182
993.891	38.974
1000	39.342
1020	41.127
1040	42.518
1060	43.737
1080	44.862
1100	46.245
1101.699	46.365
1103.535	46.491
1120	47.283
1128.535	46.859
1140	46.248
1153.535	46.788
1156.273	46.986
1160	47.194
1180	47.109
1200	46.618
1220	47.982
1240	49.411
1260	51.722

LONGITUDINAL SECTION ALONG MC01
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
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SCALE 1:200 @ A1

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 2

JOB NUMBER

NL222055-01

DRAWING NUMBER

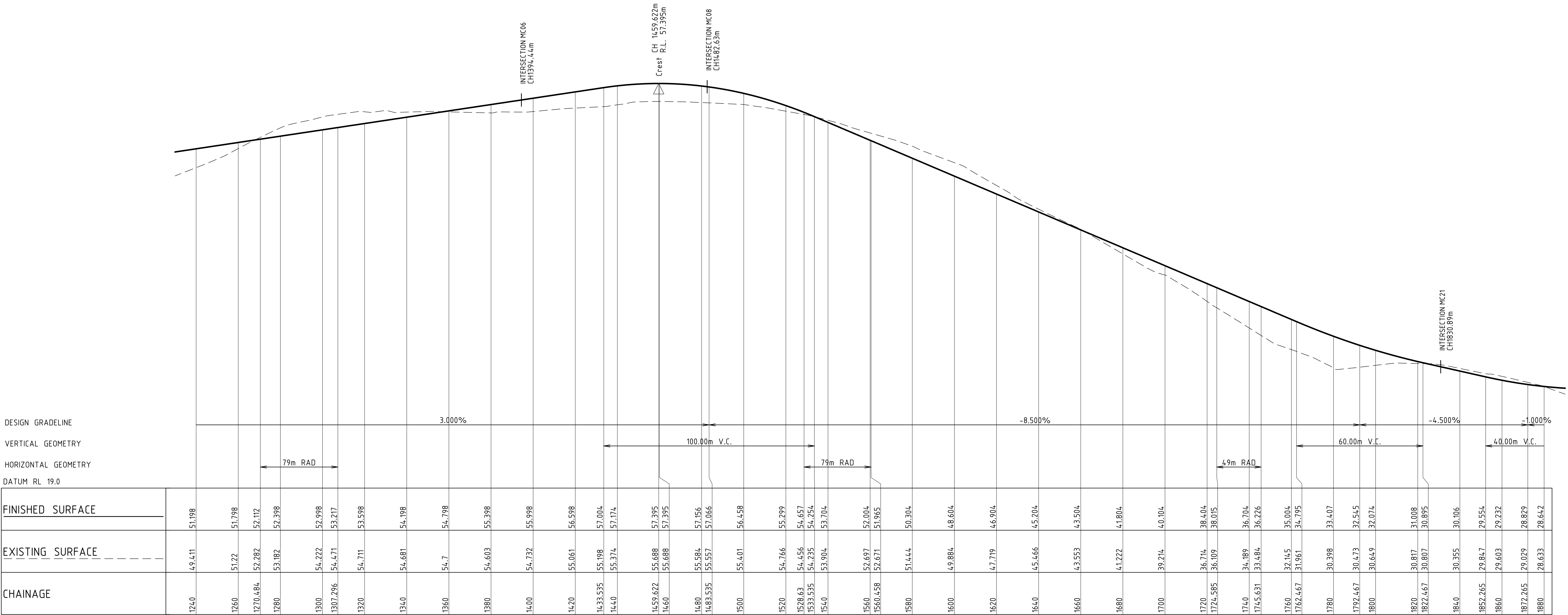
MP-C05.32

REVISION

E

DRAWING SHEET SIZE = A1

DRAWN: J. STAUB
DESIGNED: A. KILLEN
JOB MANAGER: L. MCRAE
VERIFIER: L. MCRAE



LONGITUDINAL SECTION ALONG MC01
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1
SCALE 1:200 @ A1

0 10 20 30 40 50m

0 2 4 6 8 10m

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320
MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE
ROAD LONGITUDINAL SECTIONS -
SHEET 3

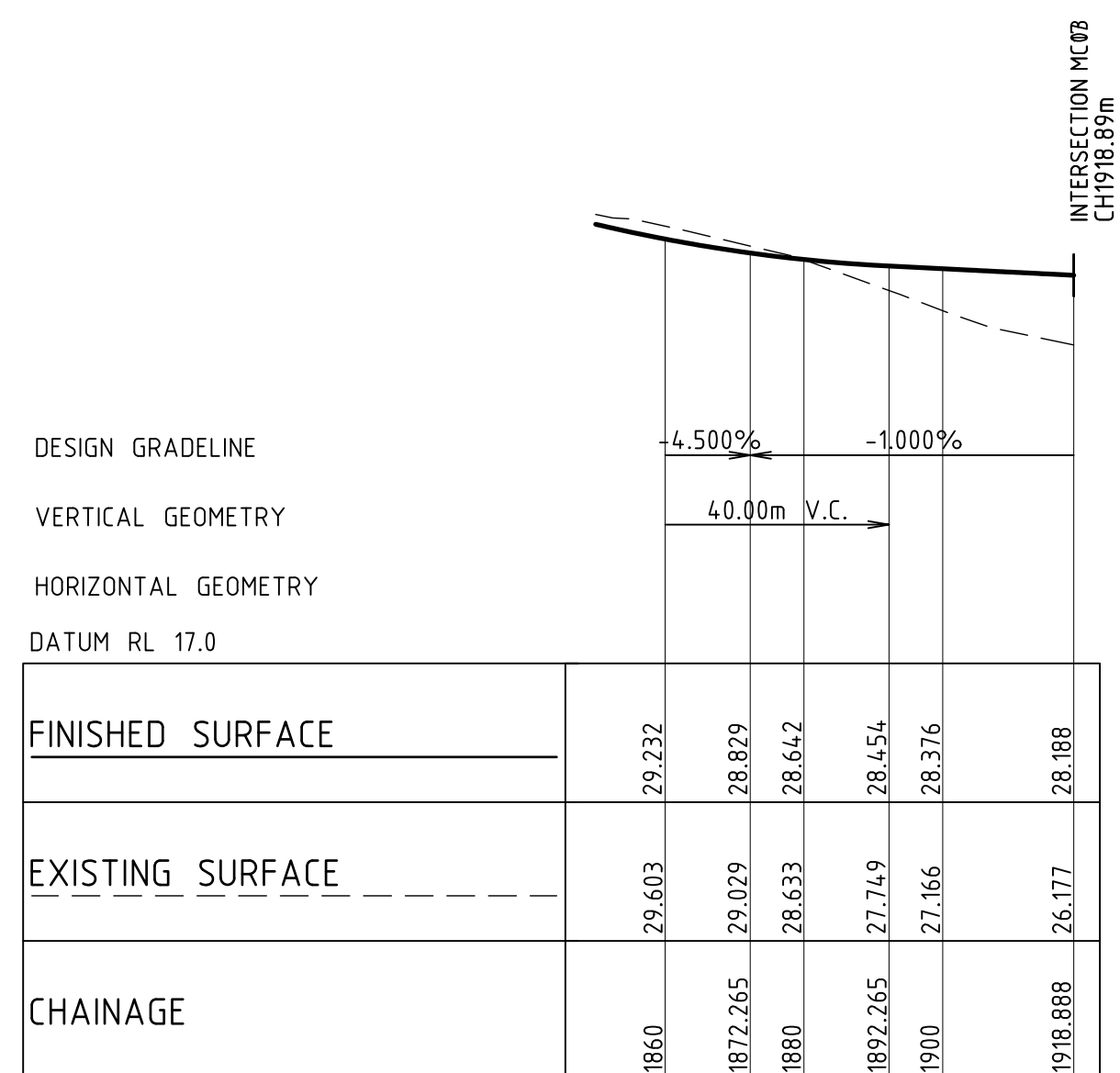
JOB NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.33

REVISION
E

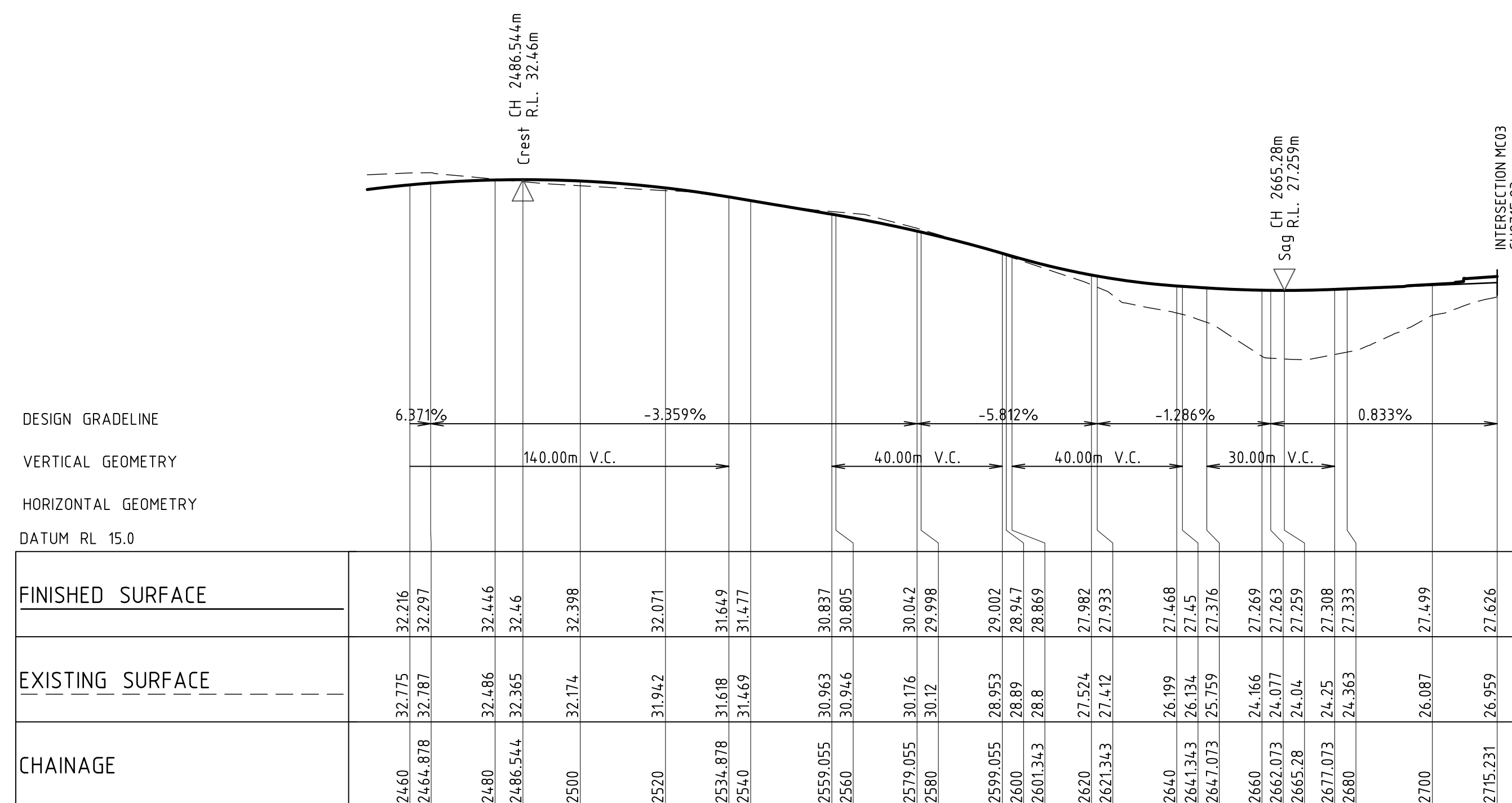
DRAWING SHEET SIZE = A1

DRAWN: J. STAUB DESIGNED: A. KILLEN JOB MANAGER: L. MCRAE VERIFIER: L. MCRAE



LONGITUDINAL SECTION ALONG MC01

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



LONGITUDINAL SECTION ALONG MC02

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

Date: 30.05.2025 10:03 AM Plotted By: JACOB STAUB Found: Q:\5 Pre-July 24 Projects\Newcastle\YEAR 2022 Jobs\NL222055-01 - 569 Anantah Road, Cooribah\Q - Drawings\CIVIL\5-C40\MP-MASTERPLAN\NL222055-01-MP-C06 31-LONG SECTIONS\11.dwg

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@ A1 0 10 20 30 40 50m
A1 0 2 4 6 8 10m



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ABN 81 094 433 100

PROJECT	
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**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320
MASTERPLAN DA**

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 4

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C05.34

VISION

DRAWING SHEET SIZE = A1



NOT FOR CONSTRUCTION

DRAWN: J STAUB
DESIGNED: A KILLEN
JOB MANAGER: L MCRAE
VERIFIER: L MCRAE

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 17.0

FINISHED SURFACE	
EXISTING SURFACE	
CHAINAGE	
0	26.959
20	28.269
40	29.499
40.802	29.527
60	30.242
60.802	30.276
80	31.106
80.802	31.141
100	31.876
120	32.565
140	33.134
160	33.653
180	34.139
192.441	35.226
200	35.657
220	36.807
240	37.503
242.441	37.539
245.839	37.537
260	37.3
280	36.686
292.441	36.055
300	35.681
320	34.698
340	33.77
360	32.942
380	32.014
400	31.19
420	30.499
422.668	30.325
437.668	29.459
440	29.361
452.668	28.877
460	28.721
480	28.083
500	27.101
520	26.483
534.694	26.177

LONGITUDINAL SECTION ALONG MC03

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000@A1

SCALE 1:200@A1

0 10 20 30 40 50m

0 2 4 6 8 10m

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION

559 ANAMBAH ROAD

GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 5

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C05.35

REVISION

E

DRAWING SHEET SIZE = A1

DRAWN: J.STAUB
DESIGNED: A.KILLEN
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 22.0

FINISHED SURFACE	
EXISTING SURFACE	
CHAINAGE	
0	31.599 31.627
8	31.699 31.387
14.923	31.884 31.283
15.5	31.904 31.284
20	32.056 31.339
23	32.157 31.424
28.446	32.399 31.615
40	32.813 32.019
60	33.409 32.719
64.235	33.515 32.867
80	33.902 33.419
100	34.361 34.119
120	34.788 34.819
125.27	34.9 35.004
140	35.141 35.417
150.27	35.332 35.585
160	35.489 35.652
162.504	35.539 35.655
175.27	35.695 35.579
180	35.737 35.522
200	35.499 35.282
220	34.919 35.042
231.975	34.762 34.898
240	34.845 34.829
244.444	34.946 34.814
246.261	34.995 34.812
256.975	35.361 34.861
260	35.457 34.892
280	36.047 35.291
280.042	36.048 35.292
281.975	36.104 35.348
300	36.577 35.889
320	36.945 36.489
340	37.195 37.089
348.809	37.432 37.353
360	37.764 37.72
363.809	37.866 37.859
378.809	38.265 38.478
380	38.296 38.532
400	38.86 39.432
420	40.072 40.332
440	41.012 41.232
458.809	41.438 42.078
460	41.462 42.131
466.309	41.624 42.388
473.809	41.895 42.641
480	42.194 42.826
489.809	42.75 43.121

LONGITUDINAL SECTION ALONG MC04

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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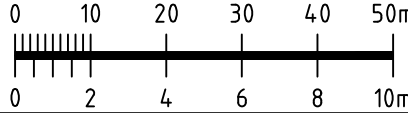
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SCALE 1:1000@A1
SCALE 1:200@A1




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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 6

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C05.36

REVISION

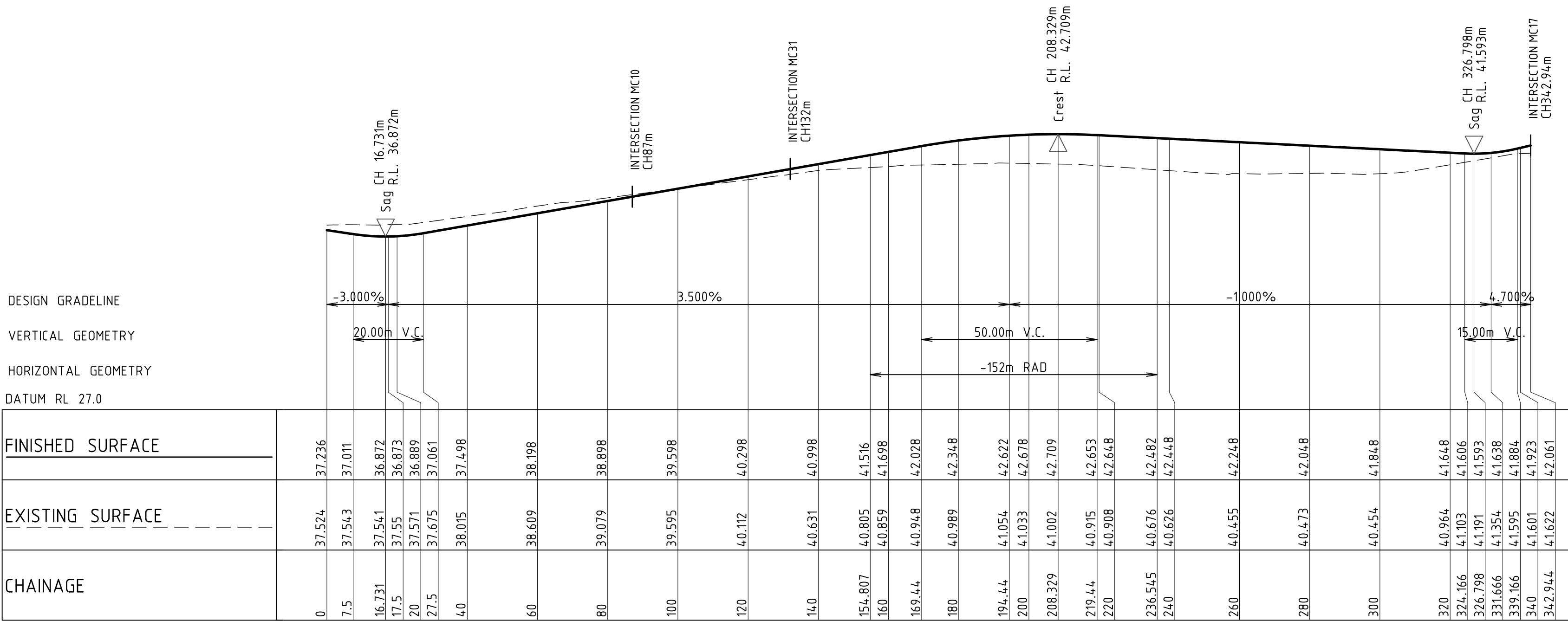
E

DRAWING SHEET SIZE = A1



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DESIGNED: A.KILLEN DRAWN: J.STAUB VERIFIER: L.MCRAE JOB MANAGER: L.MCRAE



LONGITUDINAL SECTION ALONG MC05
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1

SCALE 1:200 @ A1

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0 10 20 30 40 50m

0 2 4 6 8 10m

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**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

**ROAD LONGITUDINAL SECTIONS -
SHEET 7**

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C05.37

REVISION

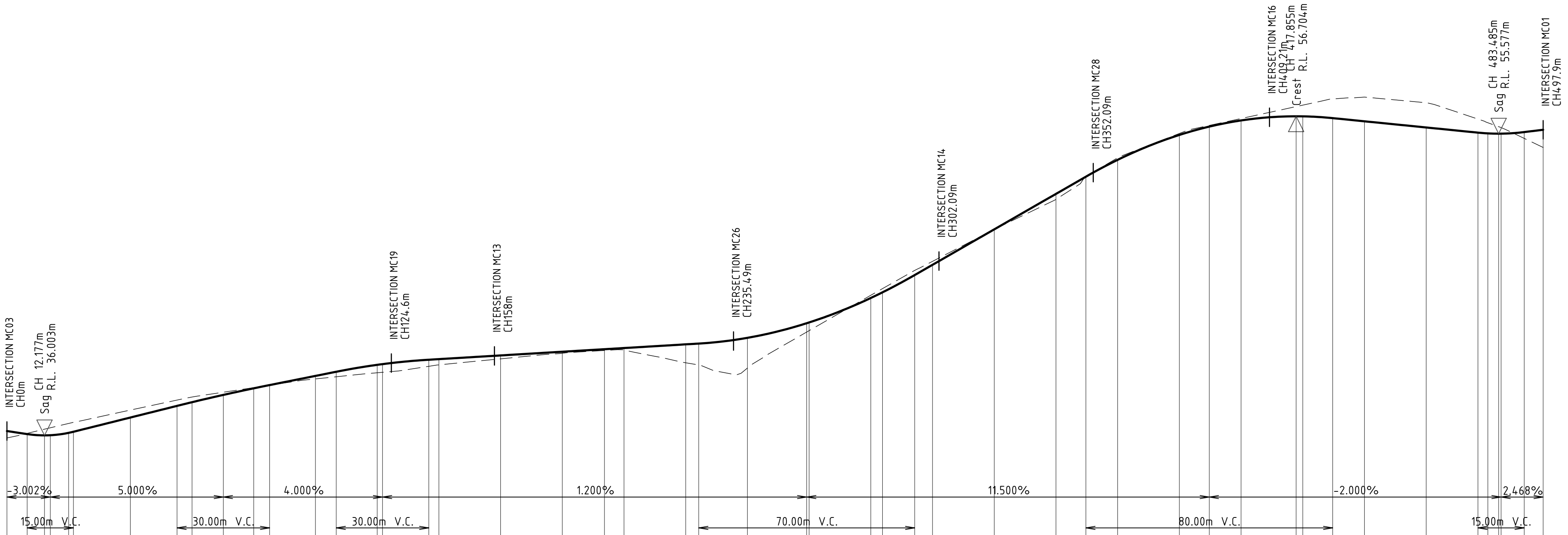
E

DRAWING SHEET SIZE = A1

DESIGNED: A.KILLEN DRAWN: J.STAUB VERIFIER: L.MCRAE JOB MANAGER: L.MCRAE

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 26.0

FINISHED SURFACE	
EXISTING SURFACE	
CHAINAGE	
0	35.835
6.55	36.134
12.177	36.405
14.05	36.495
20	36.776
21.55	36.849
4.0	37.645
55.141	38.294
60	38.492
70.141	38.803
80	39.101
85.141	39.257
100	39.666
106.729	39.805
120	40.065
121.729	40.094
136.729	40.483
140	40.577
160	40.969
180	41.333
193.674	41.51
200	41.535
220	40.711
224.222	40.566
240	40.371
259.222	42.708
260	42.798
280	45.093
283.783	45.573
294.222	46.704
300	47.294
320	49.37
340	51.315
349.707	52.802
360	54.011
380	55.59
389.707	56.113
400	56.56
417.855	57.335
420	57.428
429.707	57.829
440	57.952
460	57.583
476.771	56.525
480	56.285
483.485	56.032
484.271	55.973
491.771	55.271
497.904	54.683



LONGITUDINAL SECTION ALONG MC06
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:200@A1

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ABN 81 094 433 100

PROJECT
**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**
MASTERPLAN DA

DRAWING TITLE
CIVIL ENGINEERING PACKAGE
**ROAD LONGITUDINAL SECTIONS -
SHEET 8**

JOB NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.38

REVISION
E

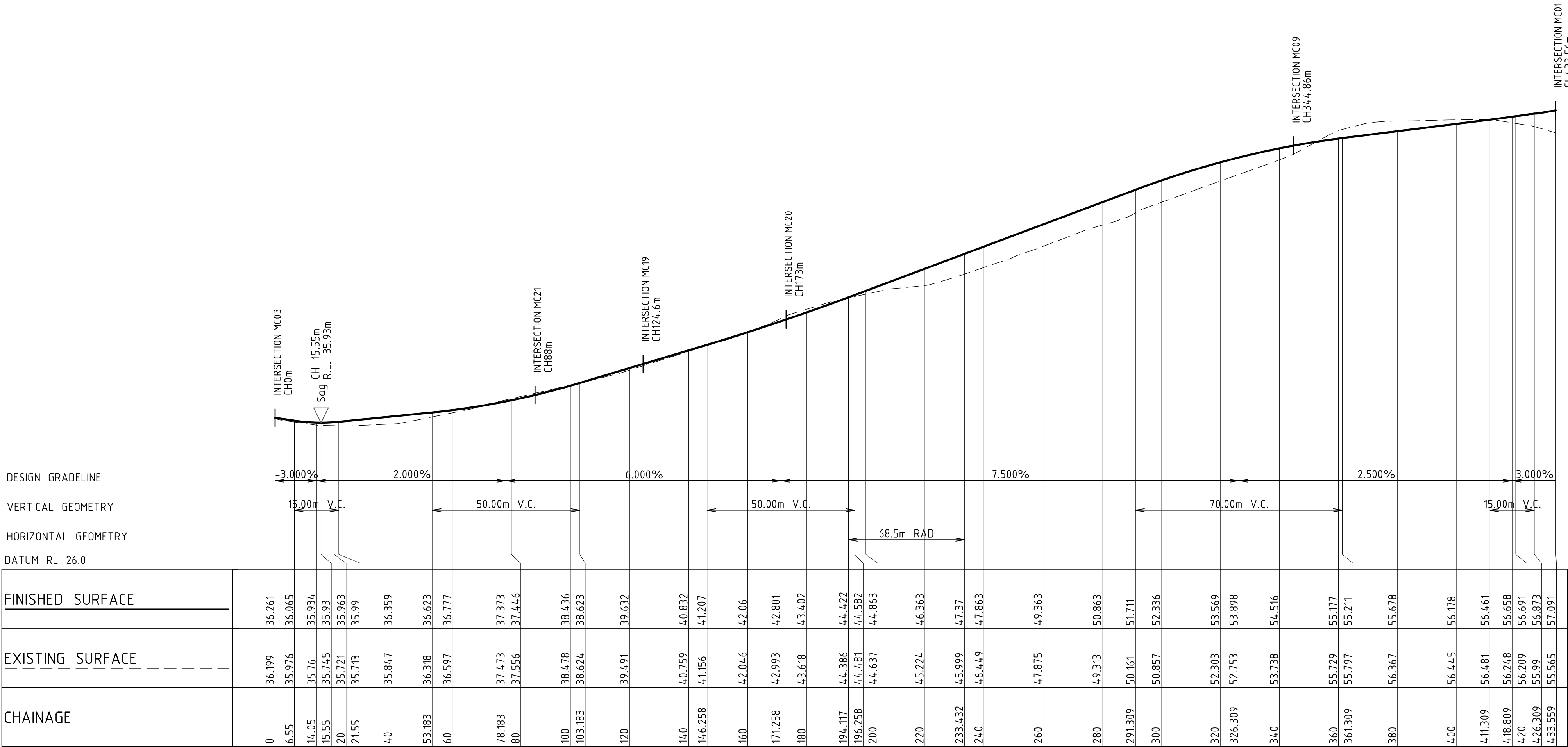
DRAWING SHEET SIZE = A1

DRAWN: J.STAUB



Date: 30.05.2025 10:03 AM Plotted By: JACOB STAUB Found: 0:15 Pre-July 24 Projects\Newcastle\YEAR 2022 Jobs\NL222055-01- 559 Anambah Road, Gosford\0 - Drawings\CIVIL\3-CAD\MP-MASTERPLAN\NL222055-01-MP-C06.31-LONG SECTION\1.dwg

DESIGNED: A.KILLEN DRAWN: J.STAUB JOB MANAGER: L.MCRAE VERIFIER: L.MCRAE



LONGITUDINAL SECTION ALONG MC08
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000@A1
SCALE 1:200@A1

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ABN 81 094 433 100

PROJECT
**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**
MASTERPLAN DA

DRAWING TITLE
CIVIL ENGINEERING PACKAGE
**ROAD LONGITUDINAL SECTIONS -
SHEET 10**

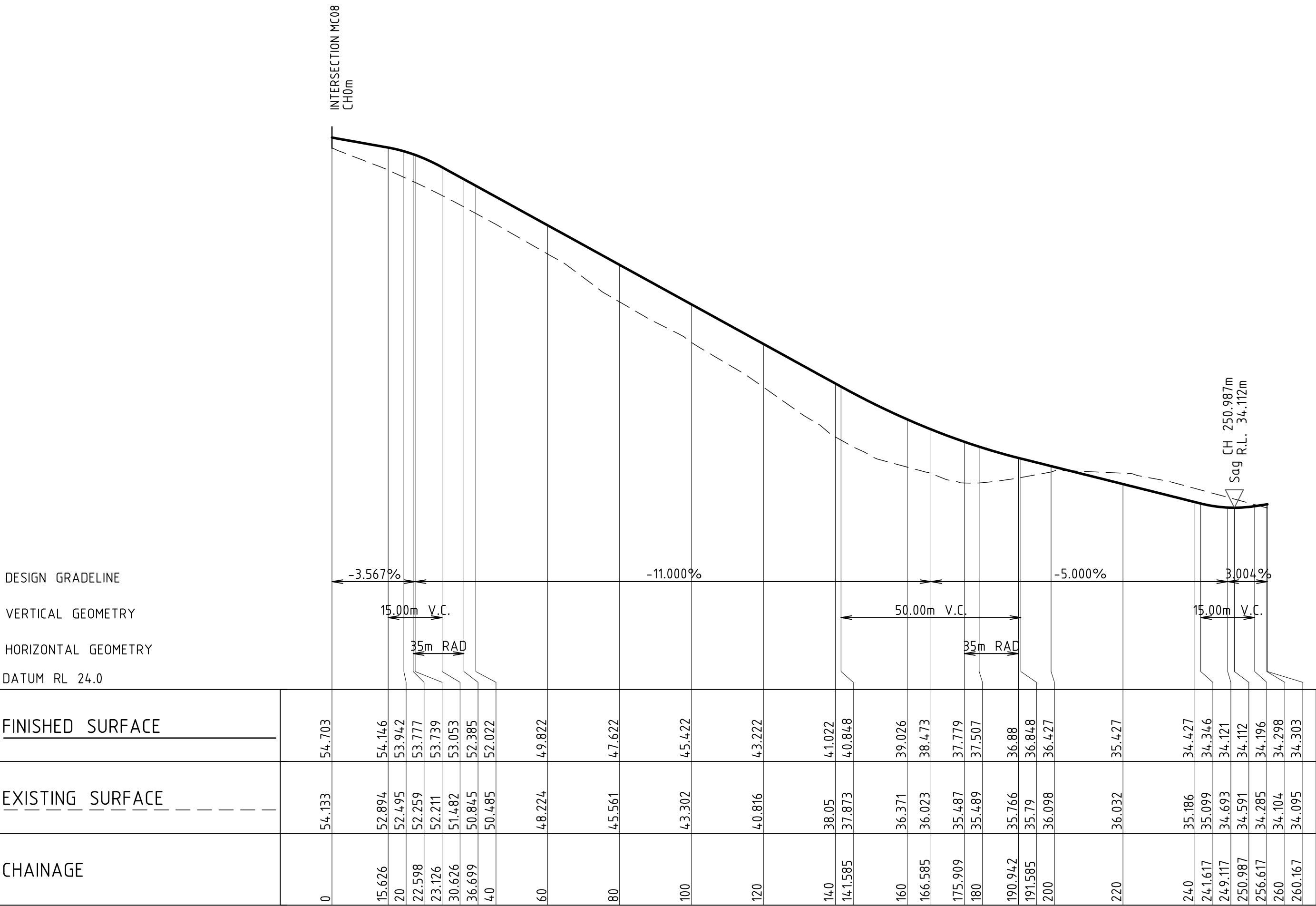
JOB NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.40

REVISION
E

DRAWING SHEET SIZE = A1

DESIGNED: A.KILLEN
DRAWN: J.STAUB
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE



LONGITUDINAL SECTION ALONG MC09
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



NOT FOR CONSTRUCTION

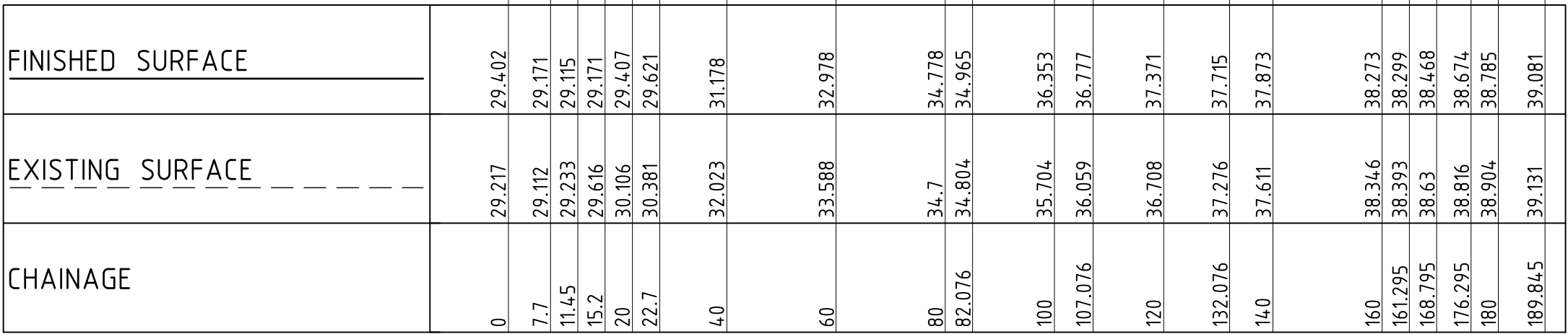
REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	COUNCIL	ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR, AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE.	PROJECT	DRAWING TITLE	JOB NUMBER	
A	DRAFT ISSUE	JS	-	AK	09.08.24	Third.i COMMUNITIES DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED	maitland city council THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD	SCALE 1:1000@A1 SCALE 1:200@A1 01020304050m 0246810m	Newcastle Level 1, 215 Pacific Hwy, Charlestown NSW 2290 Ph (02) 4943 1777 Email newcastle@northrop.com.au ABN 81 094 433 100	PROPOSED SUBDIVISION 559 ANAMBAH ROAD GOSFORTH NSW 2320 MASTERPLAN DA	CIVIL ENGINEERING PACKAGE ROAD LONGITUDINAL SECTIONS - SHEET 11	NL222055-01
B	DRAFT ISSUE	JS	-	AK	15.08.24					DRAWING NUMBER	REVISION	
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24					MP-C05.41	E	
D	DRAFT ISSUE	JS	-	AK	23.05.25							
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25							
DRAWING SHEET SIZE = A1												



Date : 30.05.2025 10:04 AM Profled By : JACOB STAUB Found : O:\5 Pre-July 24 Projects\Newcastle\YEAR 2022 Jobs\INL222055-01 - 569 Anambah Road, Gosford\YO - Drawings\CIVIL\3-CAD\MP-MASTERPLAN\INL222055-01-MP-006 41-LONG SECTIONS(2).dwg

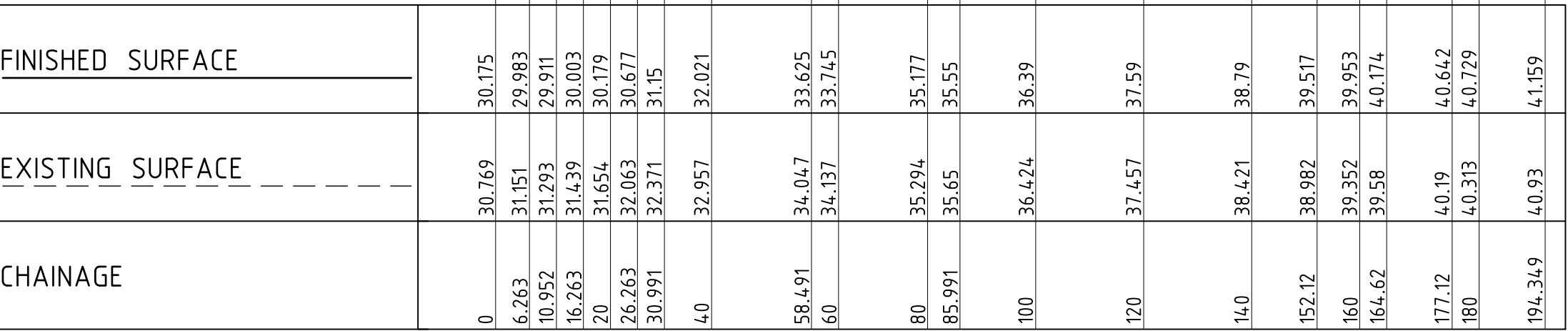
DESIGNED: A.KILLEN
DRAWN: J.STAUB
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 19.0



LONGITUDINAL SECTION ALONG MC12
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 20.0



LONGITUDINAL SECTION ALONG MC13
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

Drawn: 30.05.2025 10:04 AM
Printed by: JACOB STAUB
Project: C:\15 Proj-July 24 Projects\Newcastle\YEAR 2022-2026\NL222055-01 - 559 Anambah Road, Gosford\10 - Drawings\CIVIL\DA\MASTERPLAN\NL222055-01-MP-C05.43-LONG SECTION\03.dwg

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SCALE 1:1000 @ A1
SCALE 1:200 @ A1

0 10 20 30 40 50m

0 2 4 6 8 10m

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Ph (02) 4943 1777 Email newcastle@northrop.com.au
ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 13

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C05.43

REVISION

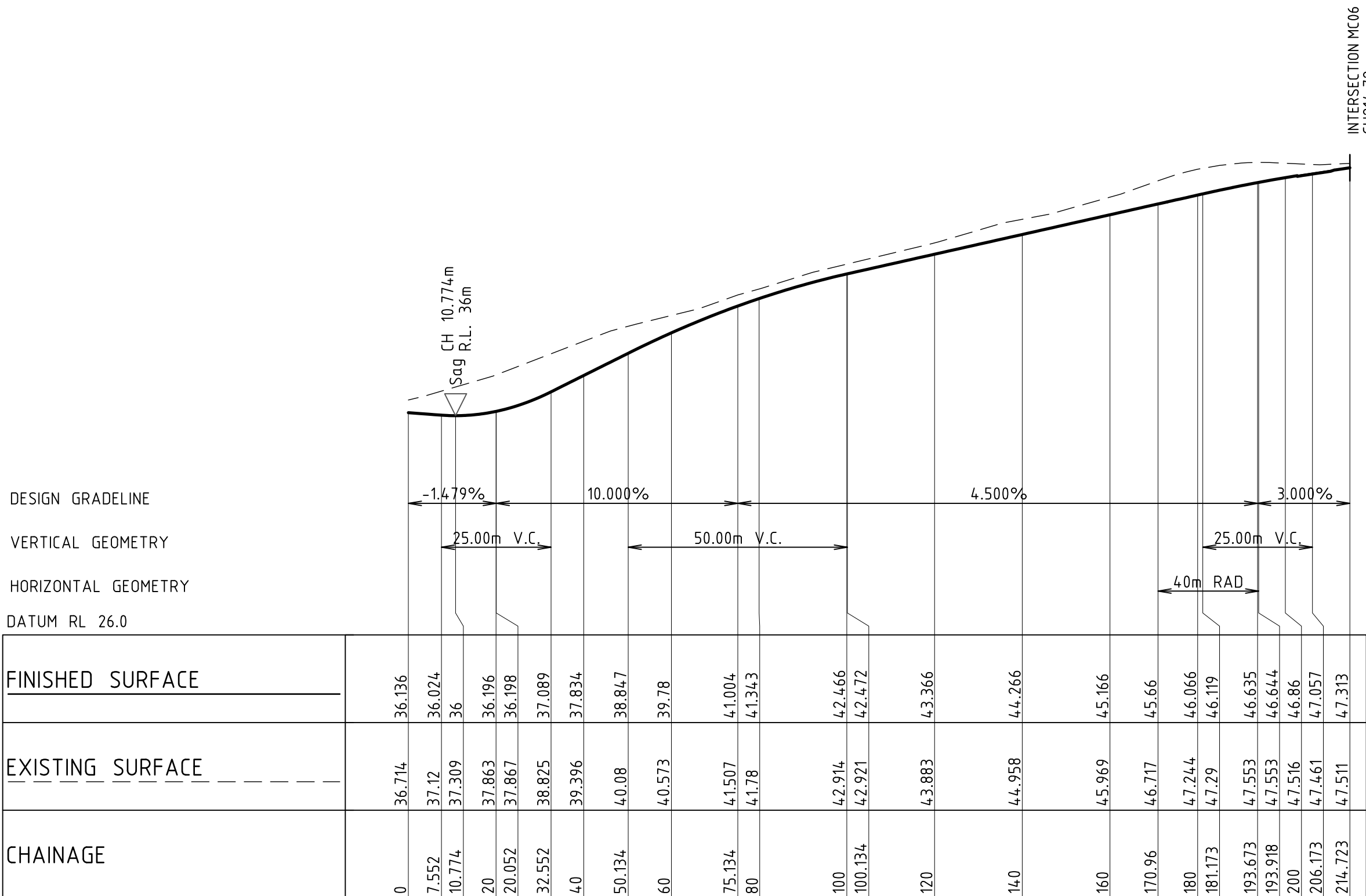
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DRAWING SHEET SIZE = A1

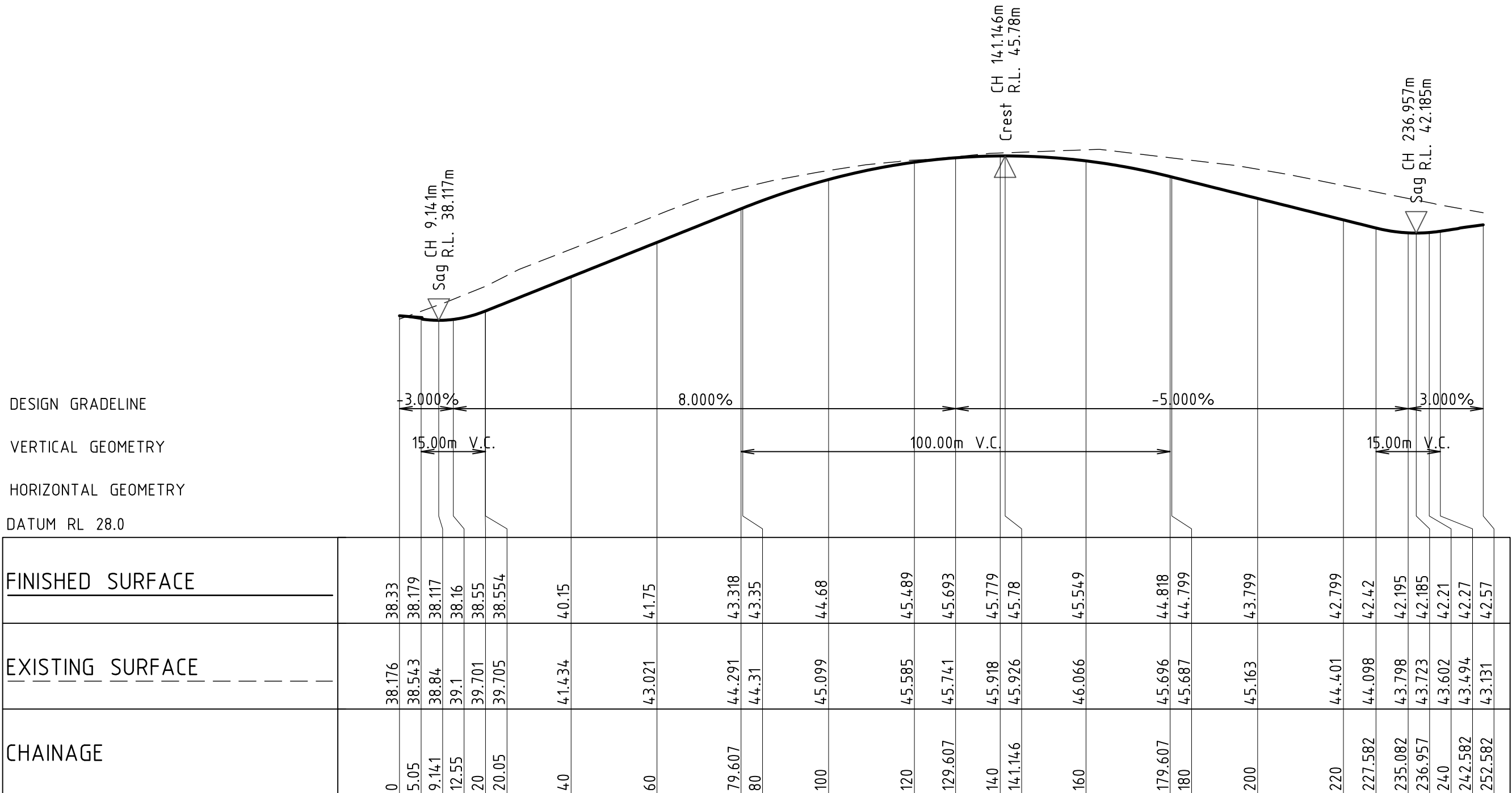


NOT FOR CONSTRUCTION

DESIGNED: A.KILLEN DRAWN: J.STAUB VERIFIER: L.MCRAE JOB MANAGER: L.MCRAE



LONGITUDINAL SECTION ALONG MC14
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



LONGITUDINAL SECTION ALONG MC15
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1
SCALE 1:200 @ A1

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 14

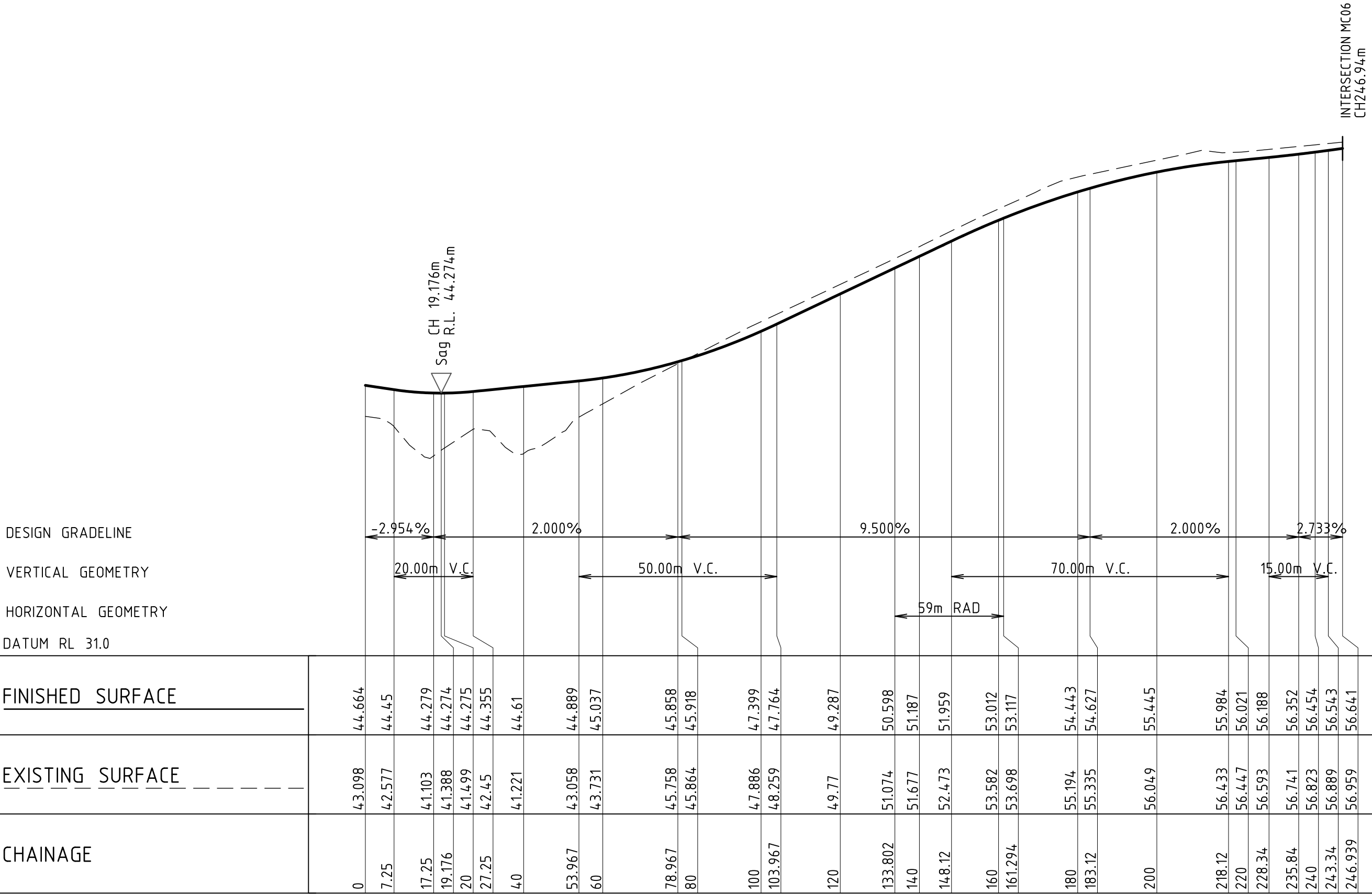
DRAWING NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.44

REVISION
E

DRAWING SHEET SIZE = A1

DESIGNED: A.KILLEN
DRAWN: J.STAUB
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE



LONGITUDINAL SECTION ALONG MC16
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
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E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1
SCALE 1:200 @ A1

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ABN 81 094 433 100

PROJECT
**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**
MASTERPLAN DA

DRAWING TITLE
CIVIL ENGINEERING PACKAGE
**ROAD LONGITUDINAL SECTIONS -
SHEET 15**

JOB NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.45

REVISION
E

DRAWING SHEET SIZE = A1



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DESIGNED: A.KILLEN DRAWN: J.STAUB VERIFIER: L.MCRAE JOB MANAGER: L.MCRAE

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 23.0

FINISHED SURFACE	0	32.983	32.835
EXISTING SURFACE	7	33.293	32.625
	12.114	33.604	32.548
	14.5	33.689	32.565
	20	33.82	32.731
CHAINAGE	22	33.894	32.835
	40	34.532	33.879
	60	35.448	35.039
	80	36.34	36.199
	100	37.223	37.359
	120	38.139	38.519
	140	39.104	39.679
	155.956	39.929	40.604
	160	40.141	40.839
	165.665	40.522	41.168
	180	41.674	42.055
	185.665	42.128	42.438
	200	43.164	43.483
	205.665	43.567	43.928
	216.327	44.433	44.781
	220	44.742	45.066
	240	46.424	46.347
	246.327	46.955	46.656
	256.763	47.795	47.062
	260	48.054	47.162
	276.327	48.773	47.481
	280	48.885	47.517
	283.277	48.956	47.55
	295.57	49.046	47.628
	299.943	49.001	47.633
	300	49	47.633
	308.277	48.896	47.612
	320	48.542	47.513
	333.185	48.018	47.302
	333.277	48.013	47.3
	337.2	47.792	47.222
	340	47.629	47.163
	360	46.625	46.584
	362.2	46.52	46.503
	380	45.638	45.724
	387.2	45.196	45.347
	387.234	45.193	45.345
	400	44.237	44.643
	420	42.936	43.543
	440	41.921	42.443
	460	40.953	41.343
	480	39.448	40.243
	500	37.972	39.143
	520	36.586	38.043
	540	35.218	36.943
	549.668	35.21	36.411
	560	35.484	35.864
	574.668	33.944	35.161
	580	33.747	34.927
	599.668	33.033	34.161
	600	33.023	34.149
	620	32.442	33.449
	640	32.177	32.749

LONGITUDINAL SECTION ALONG MC17

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:200@A1

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 16

JOB NUMBER

NL222055-01

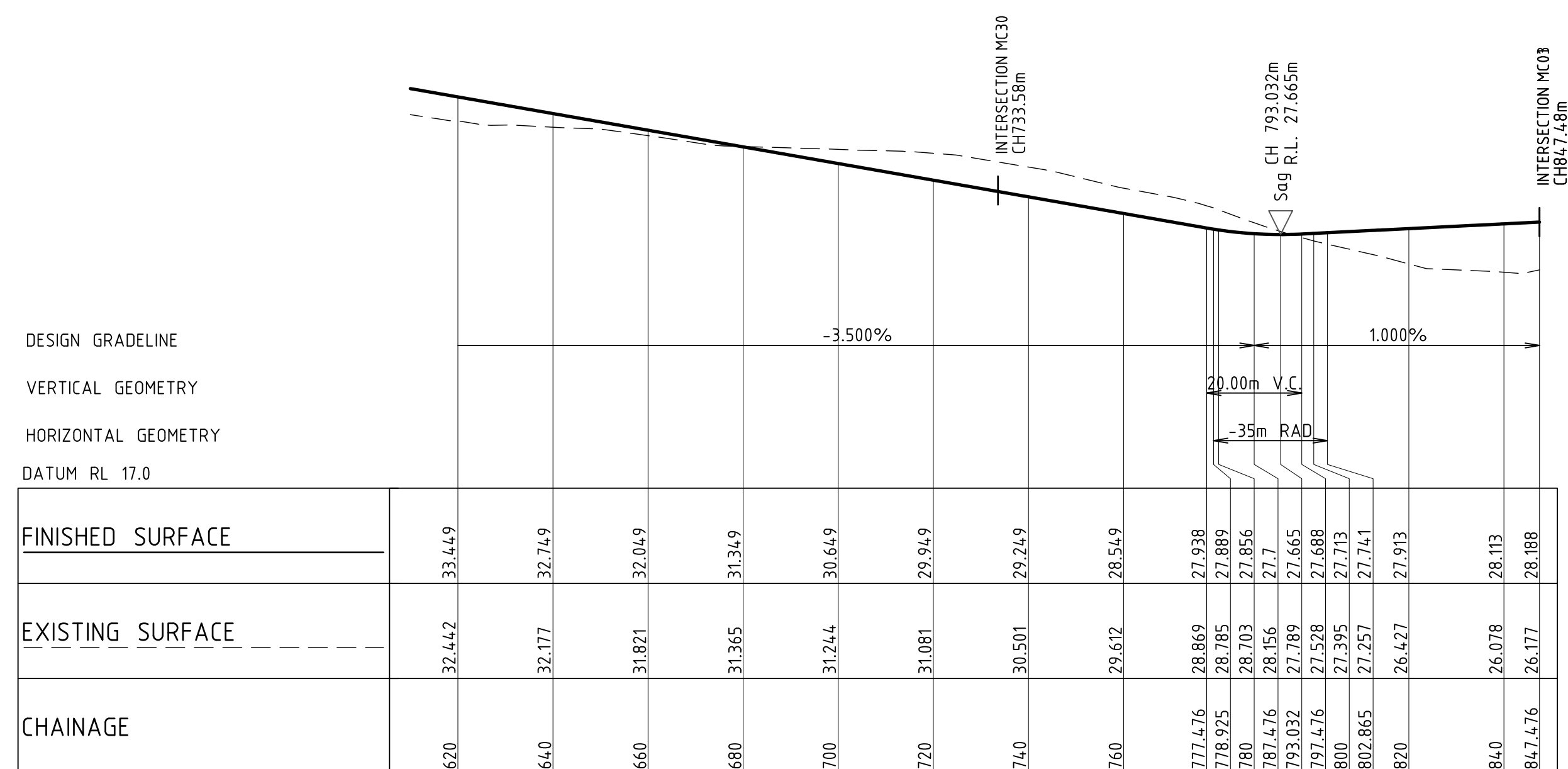
DRAWING NUMBER

MP-C05.46

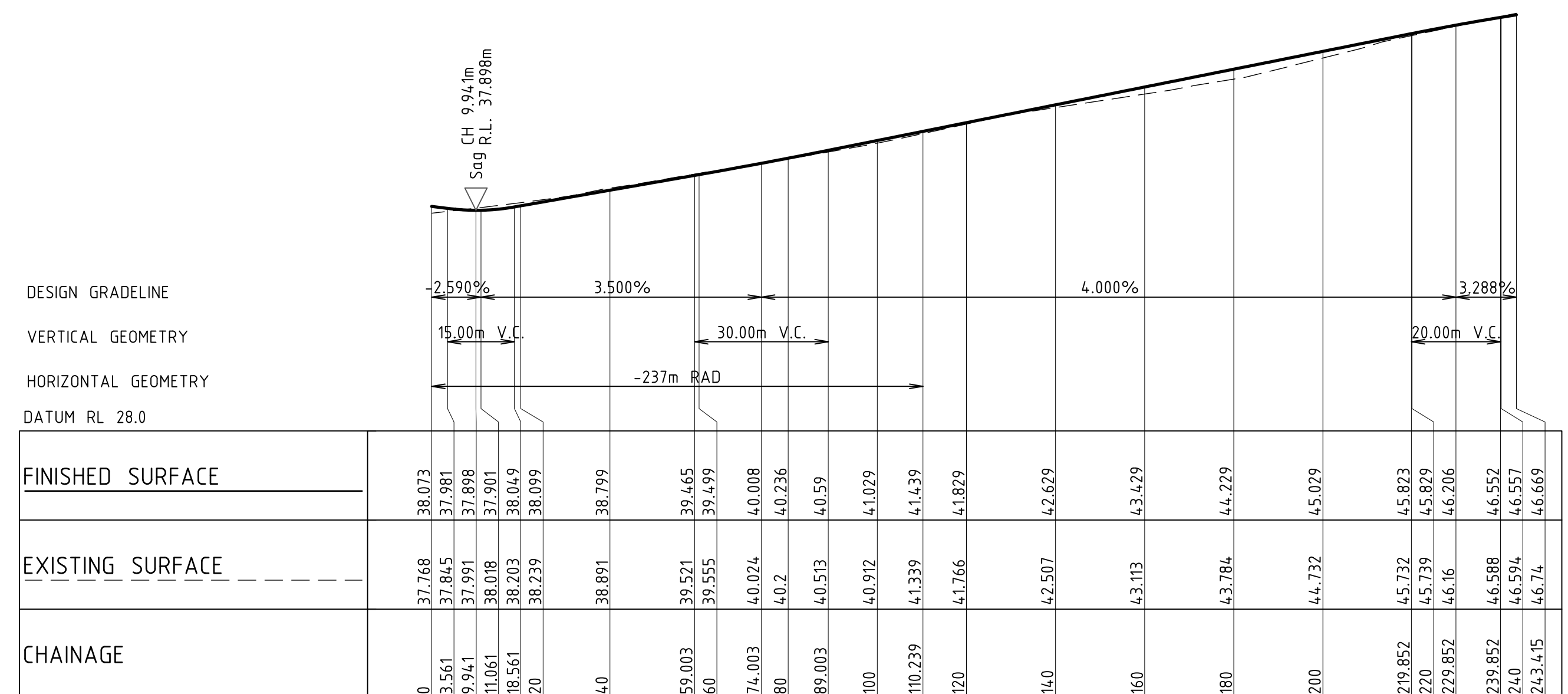
REVISION

E

DRAWING SHEET SIZE = A1



LONGITUDINAL SECTION ALONG MC17
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



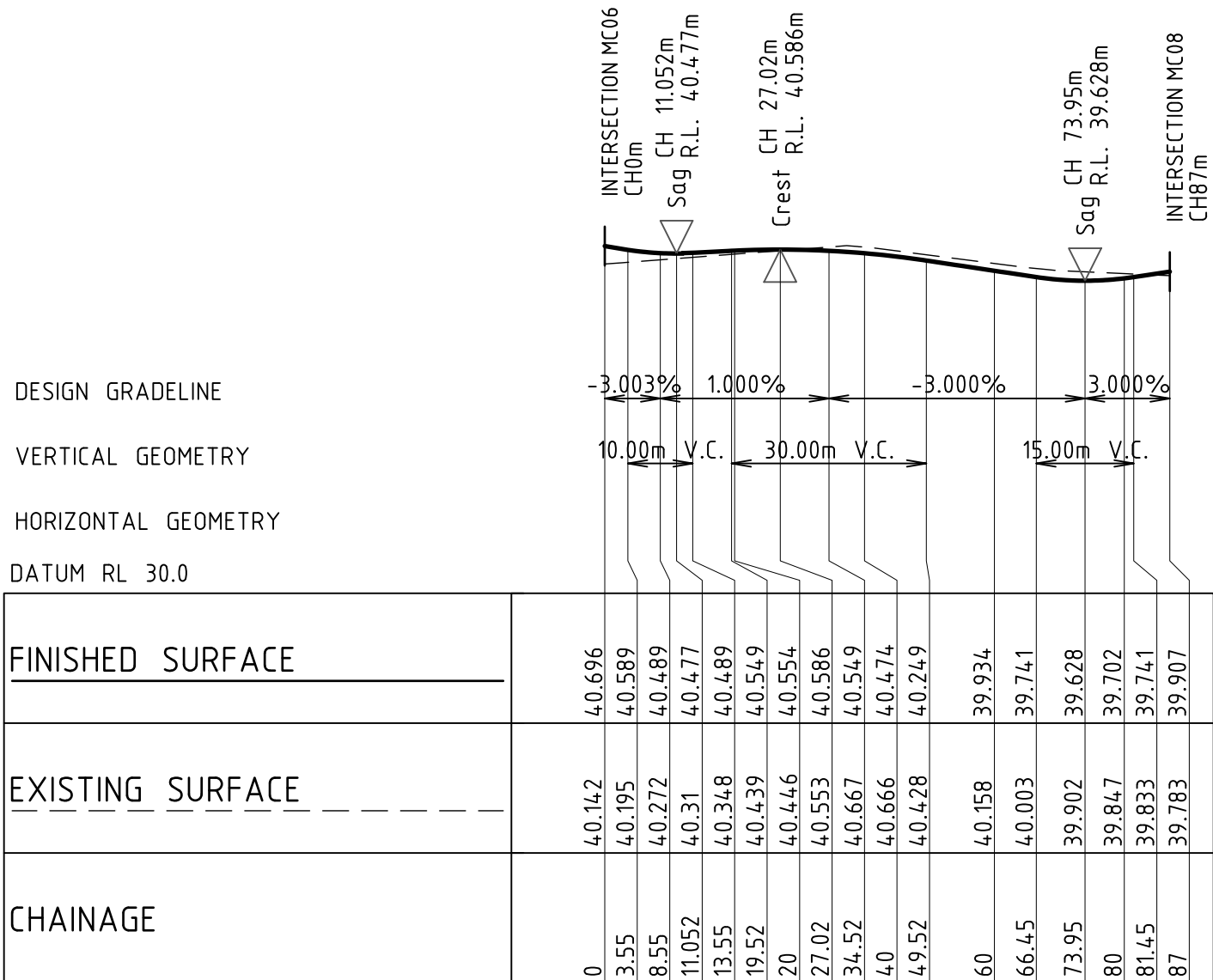
LONGITUDINAL SECTION ALONG MC18
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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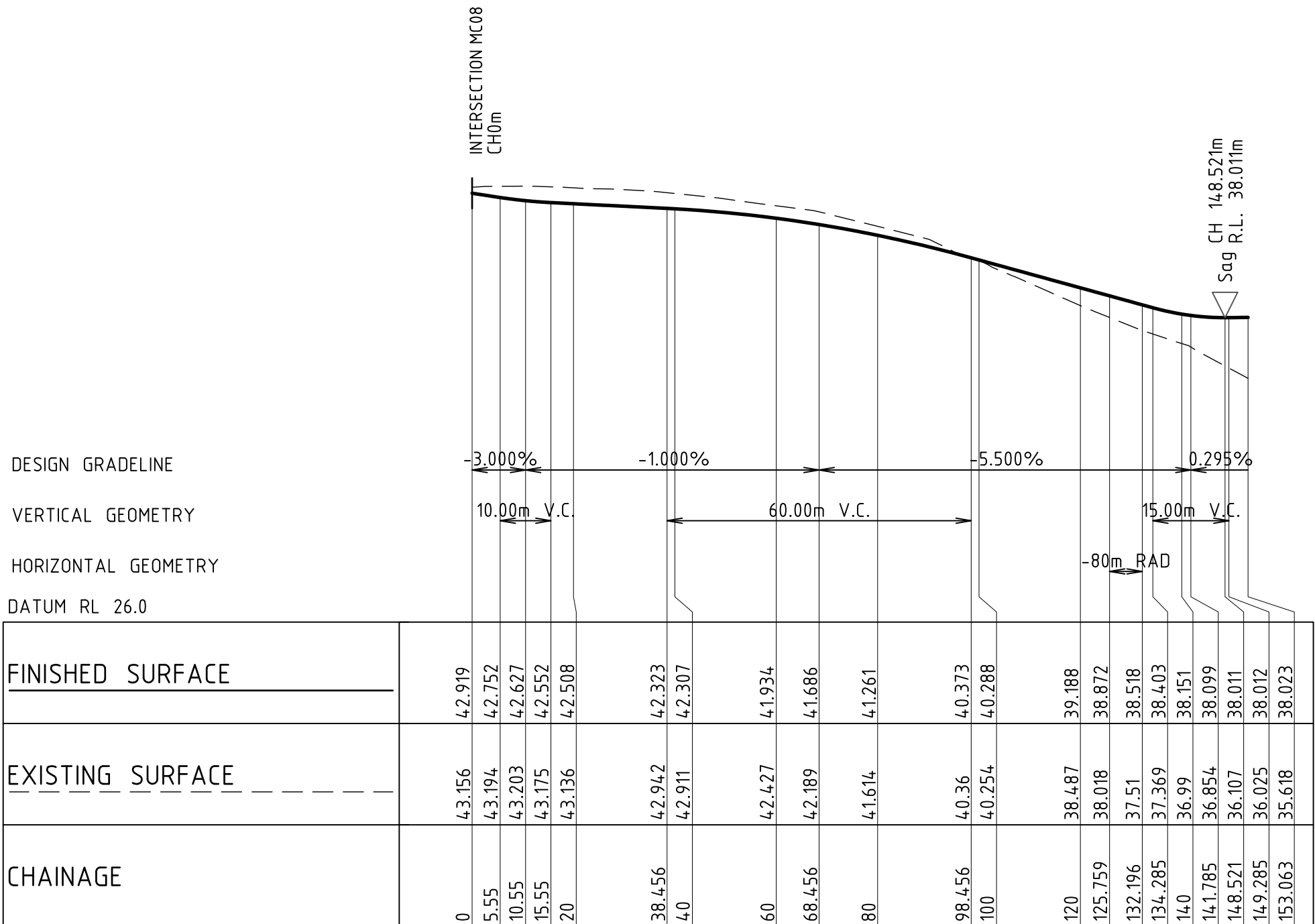
DESIGNED: A.KILLEN
DRAWN: J.STAUB
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE



LONGITUDINAL SECTION ALONG MC19

HORIZONTAL SCALE 1:1000@A1

VERTICAL SCALE 1:200@A1



LONGITUDINAL SECTION ALONG MC20

HORIZONTAL SCALE 1:1000@A1

VERTICAL SCALE 1:200@A1



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B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000@A1
SCALE 1:200@A1

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 18

JOB NUMBER

NL222055-01

DRAWING NUMBER

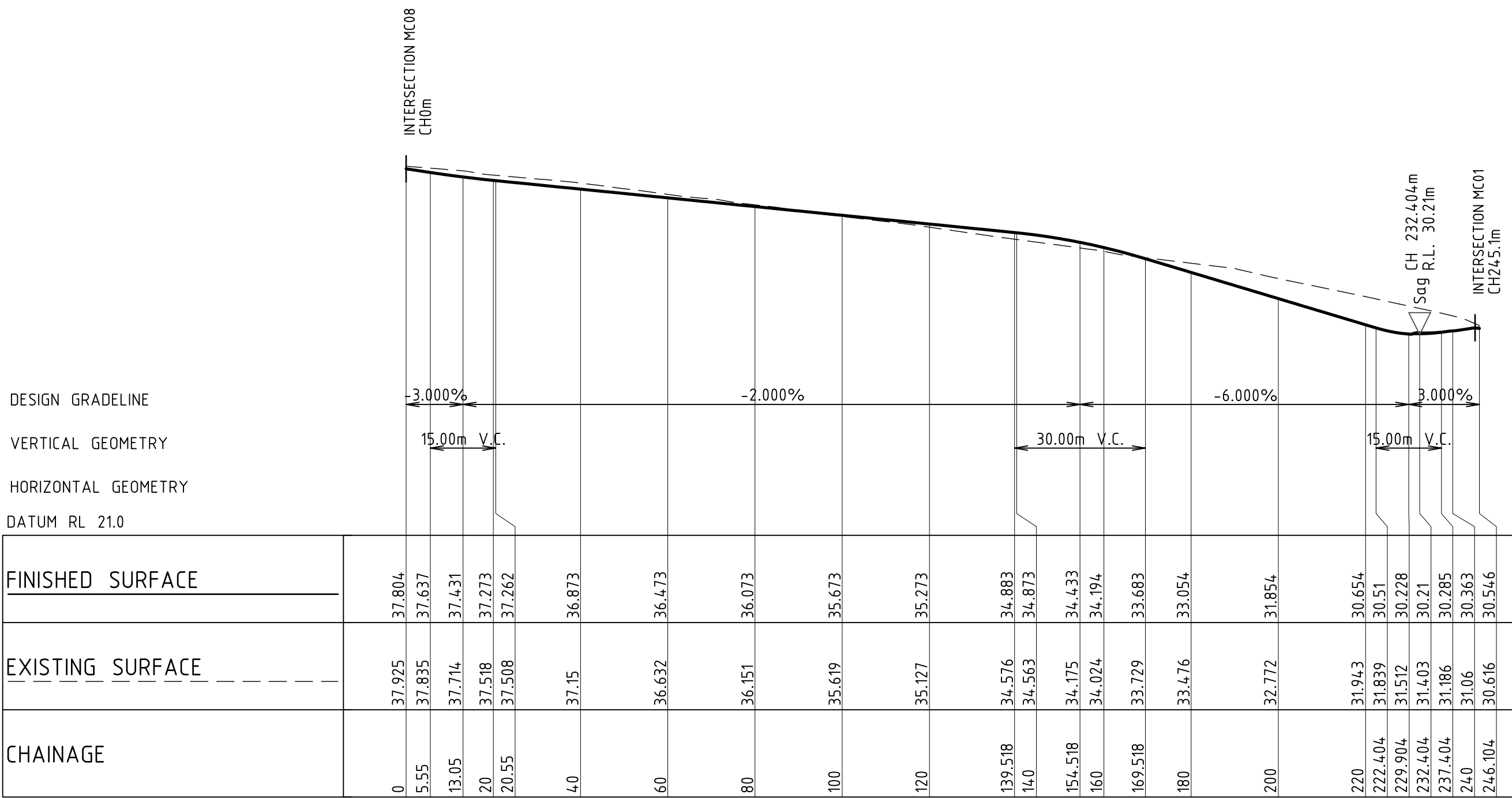
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REVISION

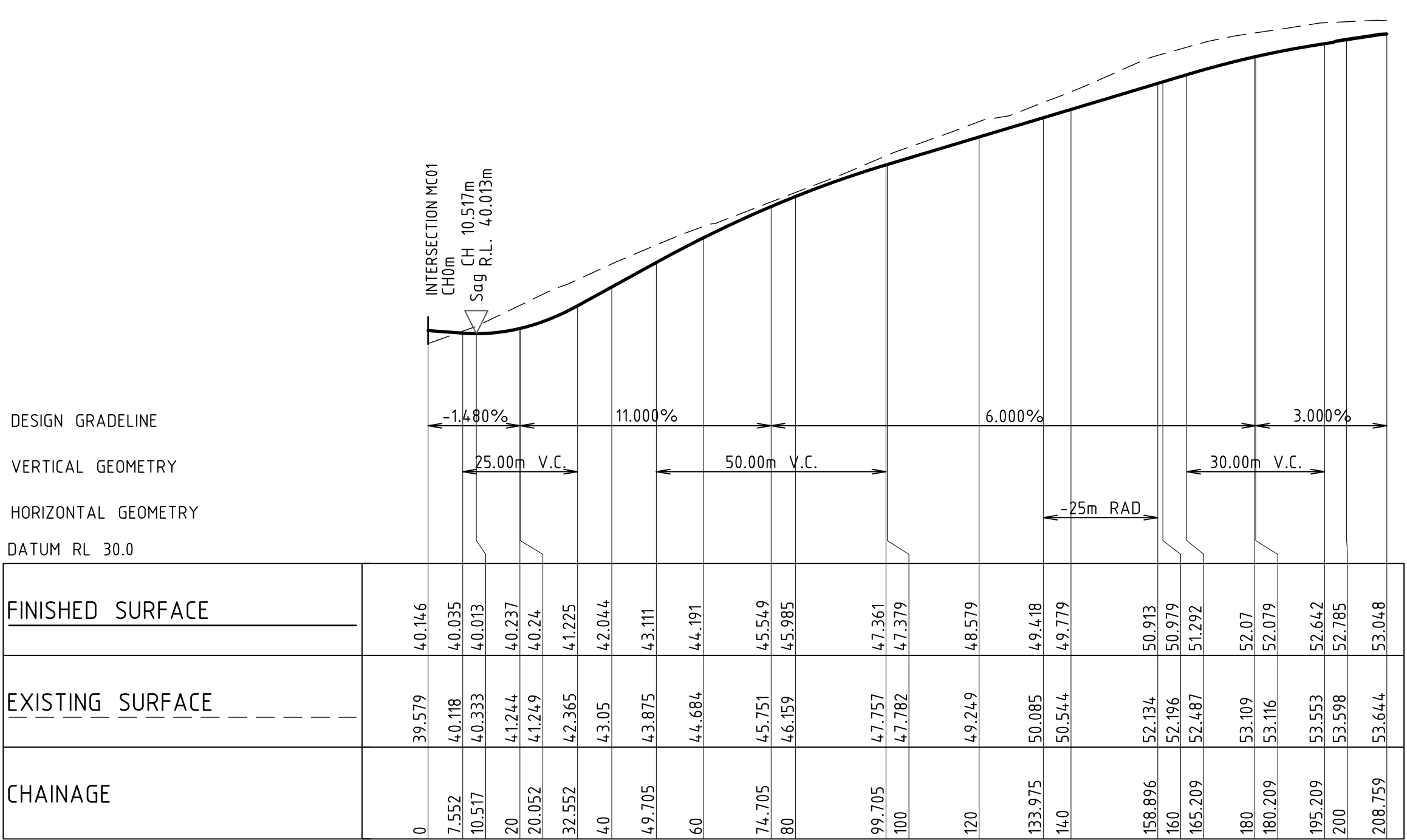
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DRAWING SHEET SIZE = A1

DESIGNED: A.KILLEN
DRAWN: J.STAUB
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE



LONGITUDINAL SECTION ALONG MC21
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



LONGITUDINAL SECTION ALONG MC22
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
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SCALE 1:200 @ A1

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ABN 81 094 433 100

PROPOSED SUBDIVISION

559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE
ROAD LONGITUDINAL SECTIONS -
SHEET 19

DRAWING NUMBER

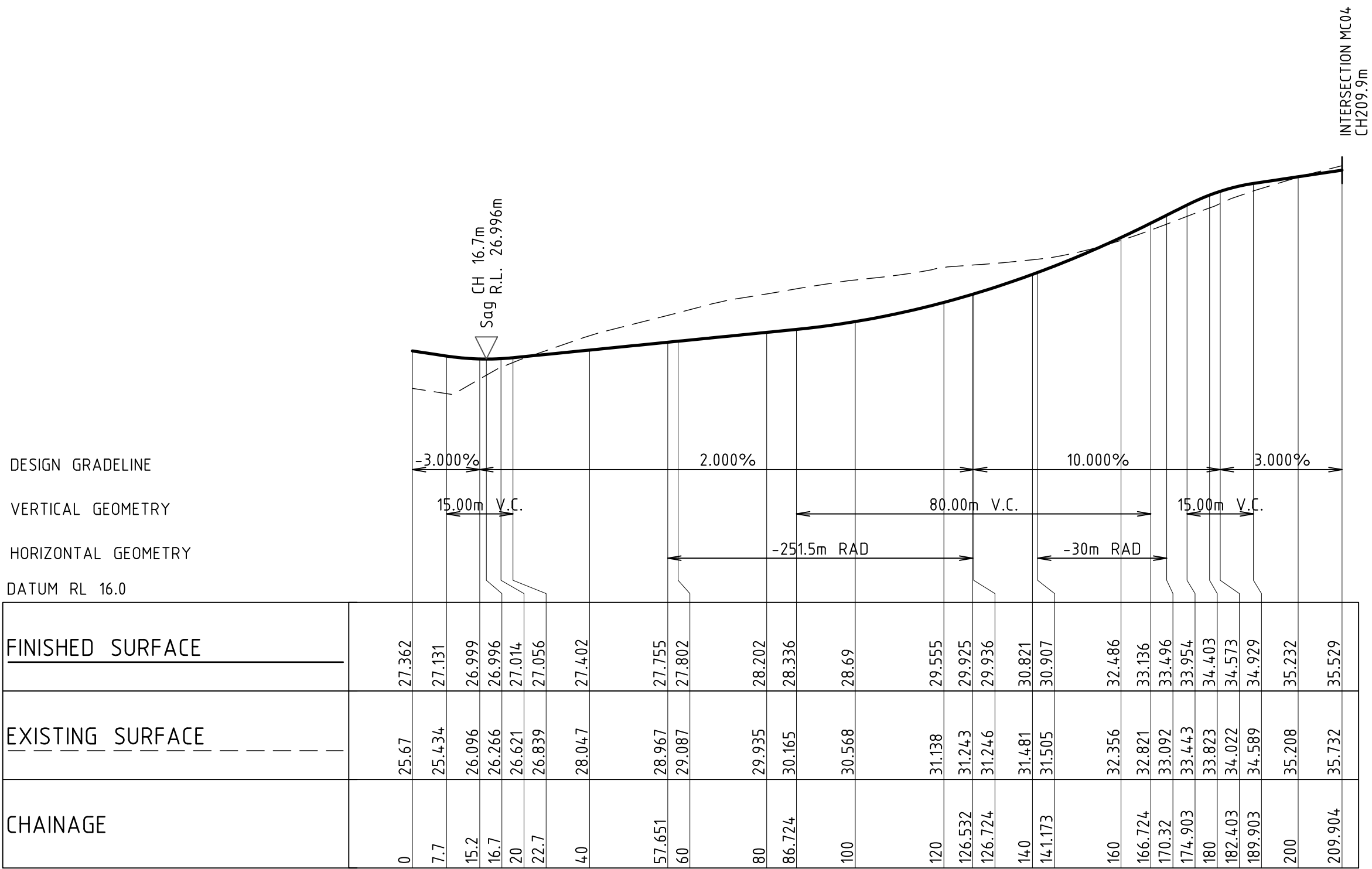
MP-C05.49

REVISION

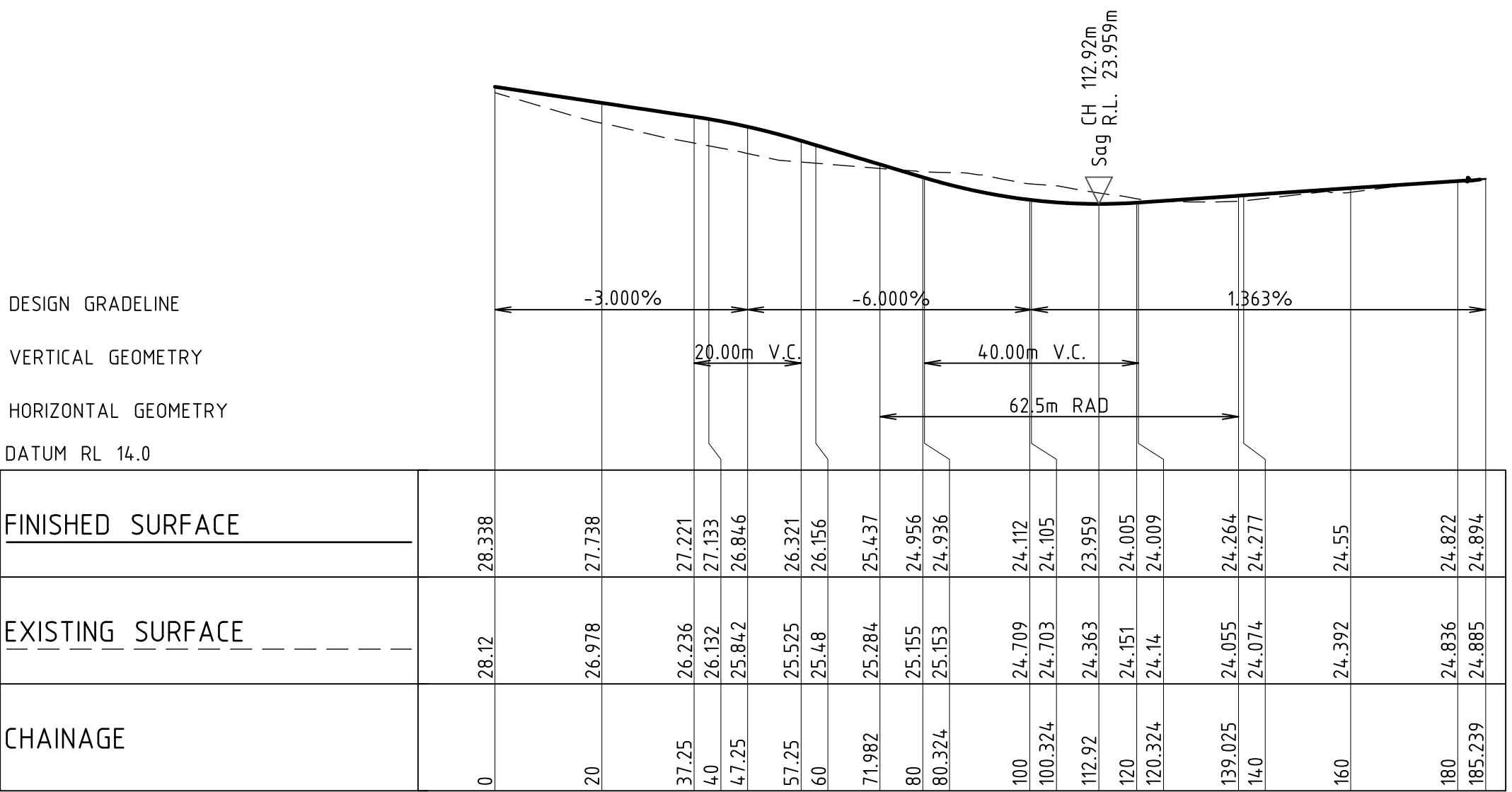
E

DRAWING SHEET SIZE = A1

DRAWN: J.STAUB
DESIGNED: A.KILLEN
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE



LONGITUDINAL SECTION ALONG MC23
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



LONGITUDINAL SECTION ALONG MC24
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:200 @ A1

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 20

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C05.50

REVISION

E

DRAWING SHEET SIZE = A1

DESIGNED: A.KILLEN VERIFIER: L.MCRAE
DRAWN: J.STAUB JOB MANAGER: L.MCRAE

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 29.0

FINISHED SURFACE	
EXISTING SURFACE	
CHAINAGE	
0	39.541 42.278
7.7	38.769 42.047
12.7	38.664 41.922
20	38.754 41.847
31.631	39.338 41.708
36.246	39.736 41.685
40	40.108 41.7
46.631	40.46 41.802
60	41.558 42.296
61.631	41.691 42.383
80	43.129 43.393
100	44.429 44.493
112.78	45.133 45.196
120	45.552 45.593
132.447	46.26 46.278
140	46.622 46.666
141.256	46.685 46.725
157.447	47.373 47.356
160	47.441 47.433
180	47.973 47.819
182.447	48.043 47.84
200	48.35 47.972
220	48.628 48.122
222.046	48.656 48.137
240	48.408 48.272
253.715	48.271 48.375
260	48.238 48.422
280	48.202 48.572
281.723	48.206 48.585
289.223	48.311 48.683
296.723	48.467 48.866
300	48.497 48.964
301.773	48.514 49.018

LONGITUDINAL SECTION ALONG MC25
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 22.0

FINISHED SURFACE	
EXISTING SURFACE	
CHAINAGE	
0	33.479 32.186
7.307	33.631 32.015
10.708	33.715 31.975
14.807	33.783 32.033
20	33.87 32.272
22.307	33.91 32.439
33.466	34.296 33.331
40	34.147 33.841
58.466	33.94 35.144
60	33.981 35.243
80	35.008 36.404
83.466	34.754 36.581
100	34.887 37.408
120	36.155 38.408
140	36.774 39.408
160	37.083 40.408
179.073	38.564 41.362
180	38.631 41.408
186.573	39.158 41.708
194.073	39.644 41.997
197.75	39.956 42.124

LONGITUDINAL SECTION ALONG MC26
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
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E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1
SCALE 1:200 @ A1

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 21

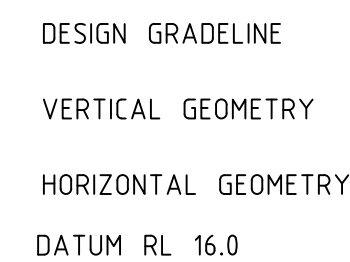
DRAWING NUMBER

MP-C05.51

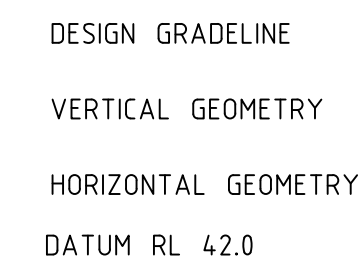
REVISION

E

DRAWING SHEET SIZE = A1



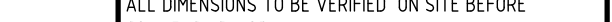
LONGITUDINAL SECTION ALONG MC27
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



LONGITUDINAL SECTION ALONG MC28
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

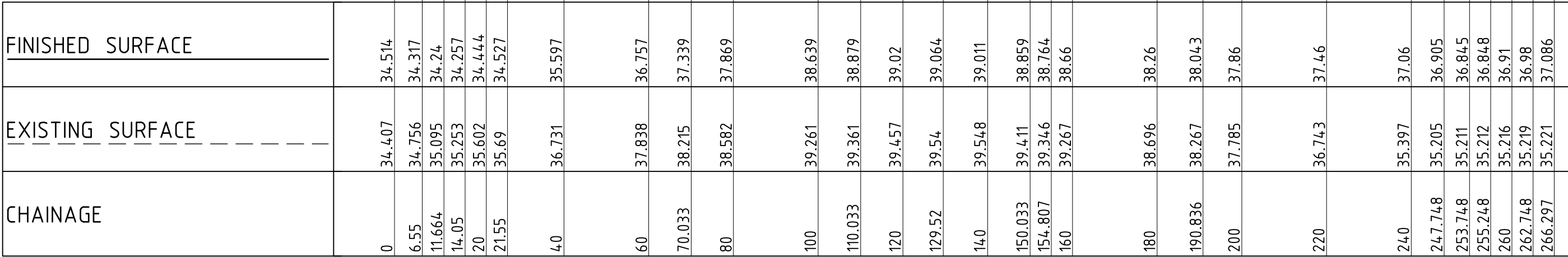


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A	DRAFT ISSUE	JS	-	AK	09.08.24	 DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED	 THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD	Level 1, 215 Pacific Hwy, Charlestown NSW 2290 Ph (02) 4943 1777 Email northrop@northrop.com.au ABN 81 094 433 100	PROPOSED SUBDIVISION 559 ANAMBAH ROAD GOSFORTH NSW 2320 MASTERPLAN DA	CIVIL ENGINEERING PACKAGE ROAD LONGITUDINAL SECTIONS - SHEET 22	NL222055-01
B	DRAFT ISSUE	JS	-	AK	15.08.24						
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24						
D	DRAFT ISSUE	JS	-	AK	23.05.25						
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25						
										DRAWING NUMBER MP-C05.52	REVISION E
											DRAWING SHEET SIZE = A1

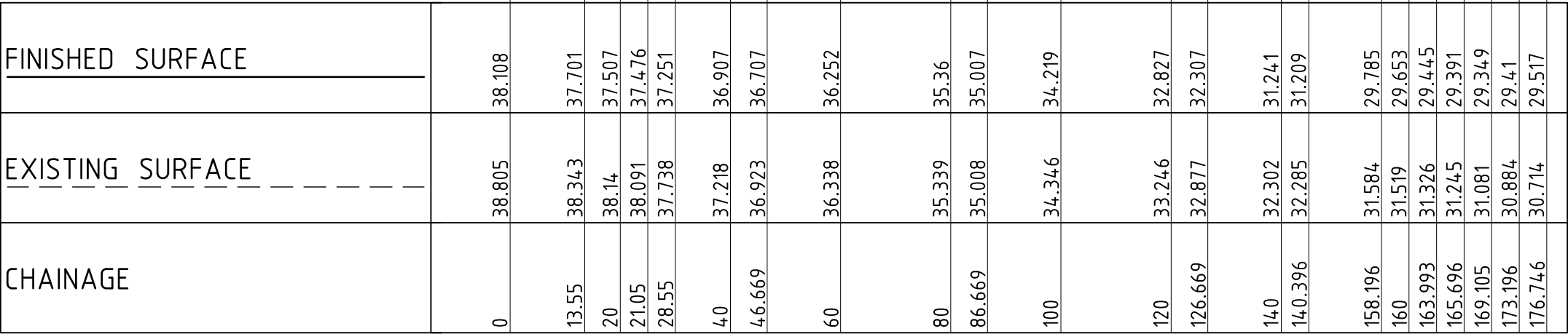
DESIGNED: A.KILLEN VERIFIER: L.MCRAE
JOB MANAGER: L.MCRAE
DRAWN: J.STAUB

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 25.0



LONGITUDINAL SECTION ALONG MC29
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 20.0



LONGITUDINAL SECTION ALONG MC30
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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A	DRAFT ISSUE	JS	-	AK	09.08.24
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SCALE 1:200 @ A1

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PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320
MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE
ROAD LONGITUDINAL SECTIONS -
SHEET 23

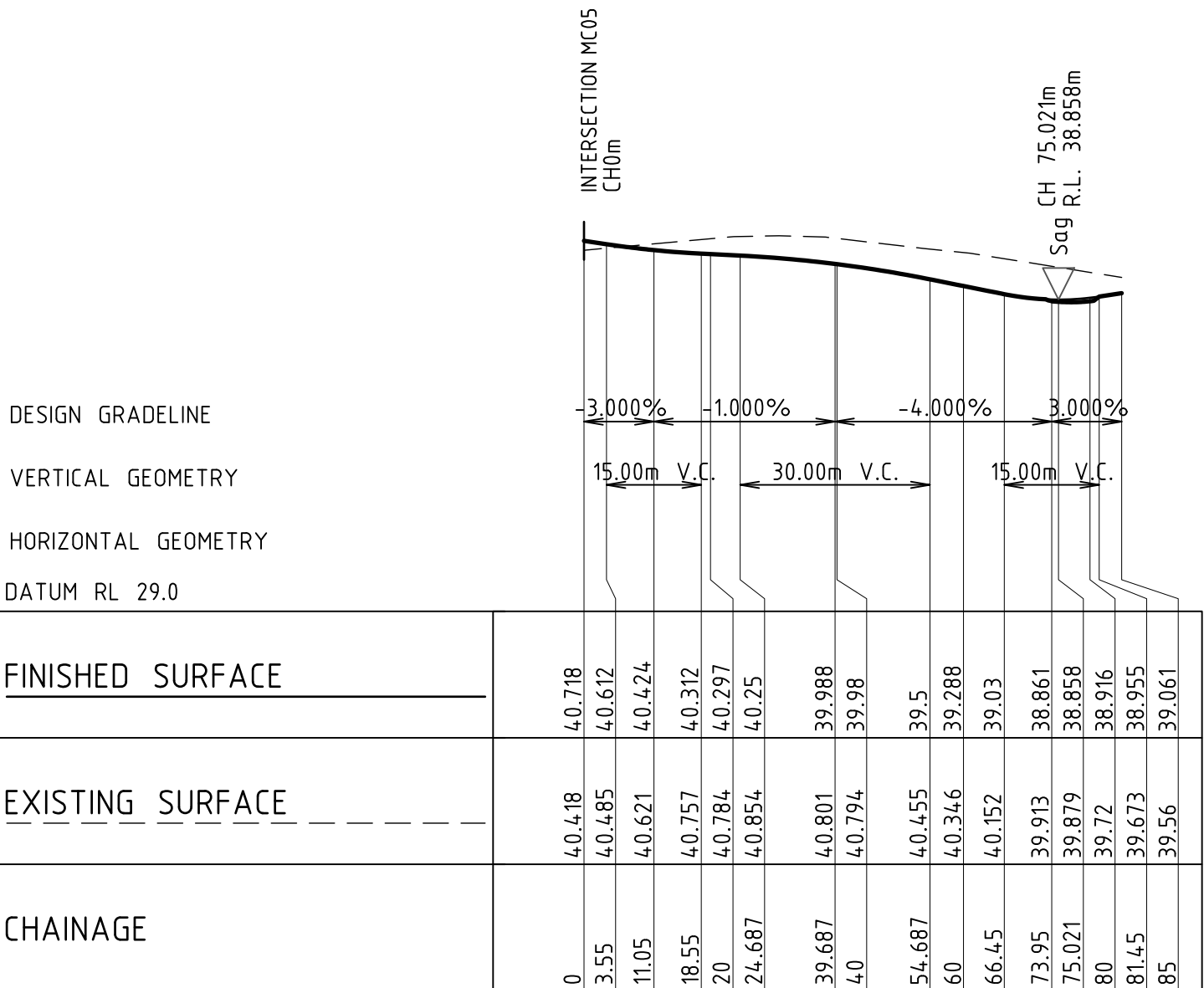
JOB NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.53

REVISION
E

DRAWING SHEET SIZE = A1

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: A KILLEN
DRAWN: J STAUB



LONGITUDINAL SECTION ALONG MC31
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	09.08.24
B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
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E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1
SCALE 1:200 @ A1

0 10 20 30 40 50m
0 2 4 6 8 10m

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PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 24

JOB NUMBER

NL222055-01

DRAWING NUMBER

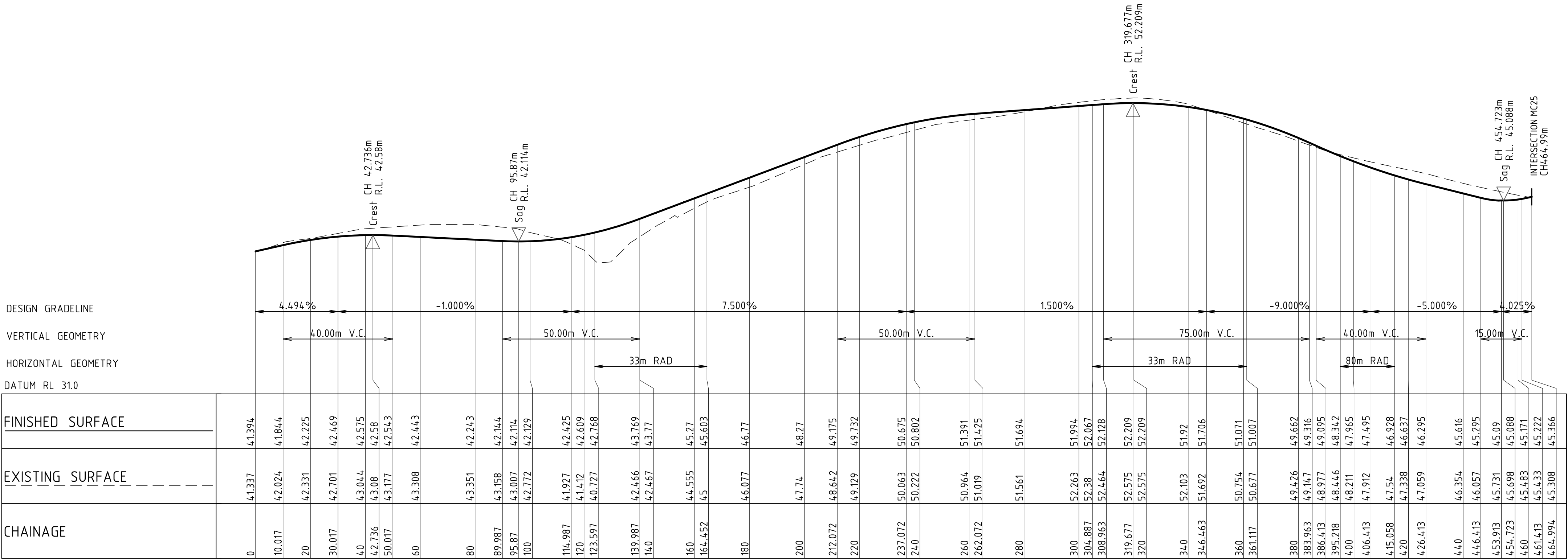
MP-C05.54

REVISION

E

DRAWING SHEET SIZE = A1

DESIGNED: A.KILLEN
DRAWN: J.STAUB
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE



LONGITUDINAL SECTION ALONG MC32
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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B	DRAFT ISSUE	JS	-	AK	15.08.24
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
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E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1
SCALE 1:200 @ A1

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PROJECT
**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**
MASTERPLAN DA

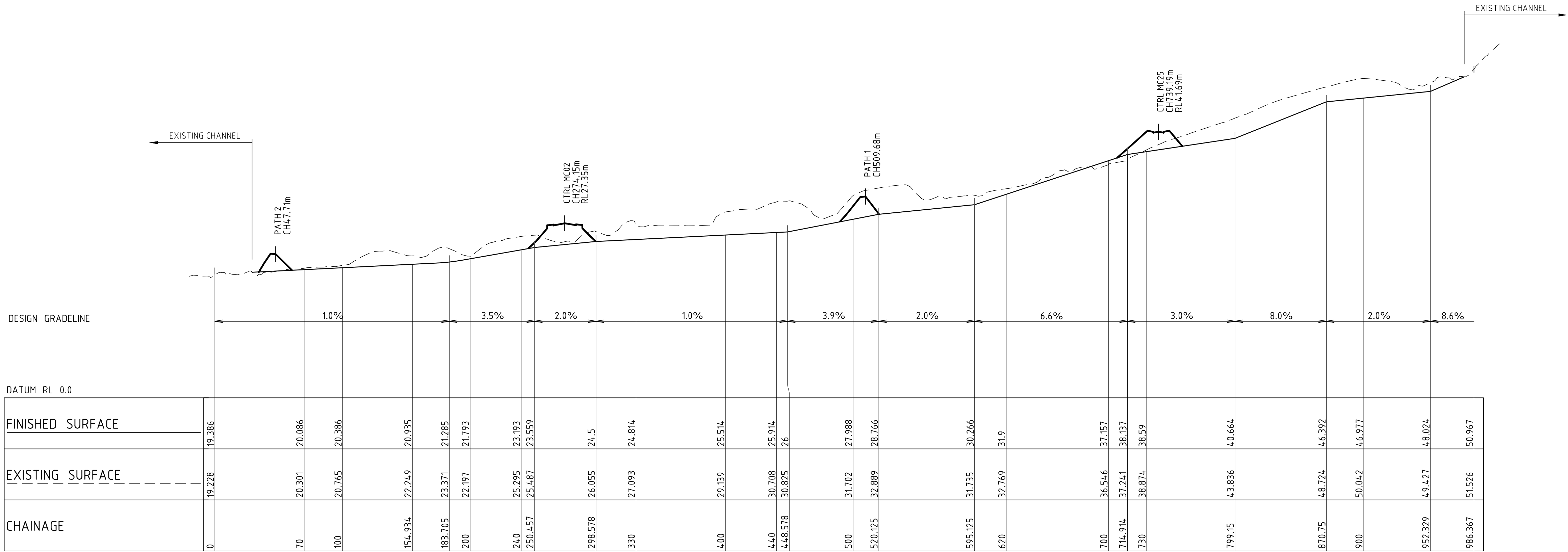
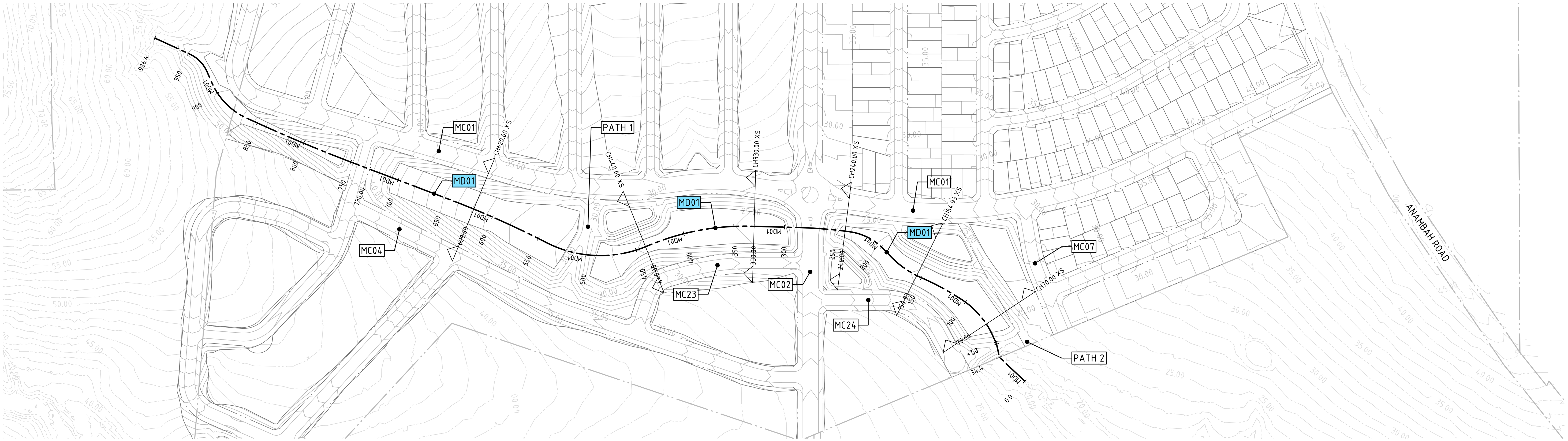
DRAWING TITLE
**CIVIL ENGINEERING PACKAGE
ROAD LONGITUDINAL SECTIONS -
SHEET 25**

DRAWING NUMBER
MP-C05.55

REVISION
E

DRAWING SHEET SIZE = A1

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: AKILEN
DRAWN: J STAUB



LONGITUDINAL SECTION ALONG MD01

HORIZONTAL SCALE 1:2000@A1
VERTICAL SCALE 1:400@A1



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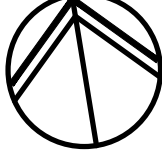
REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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C	DRAFT ISSUE	JS	LM	AK	15.08.24
D	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
E	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24
F	DRAFT ISSUE	JS	-	AK	23.05.25
G	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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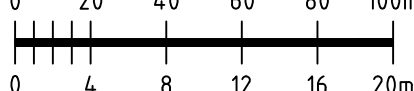
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SCALE 1:2000@A1
SCALE 1:400@A1





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PROJECT

**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

**CREEK PLAN AND LONGITUDINAL
SECTION**

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C06.01

REVISION

G

DRAWING SHEET SIZE = A1

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	06.08.24
B	DRAFT ISSUE	JS	-	AK	09.08.24
C	DRAFT ISSUE	JS	LM	AK	15.08.24
D	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
E	DRAFT ISSUE	JS	-	AK	23.05.25
F	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

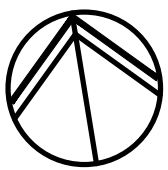
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SCALE 1:2000@ A1



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PROJECT

**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

CREEK CROSS SECTIONS

JOB NUMBER

NL222055-01

DRAWING NUMBER

REVISION

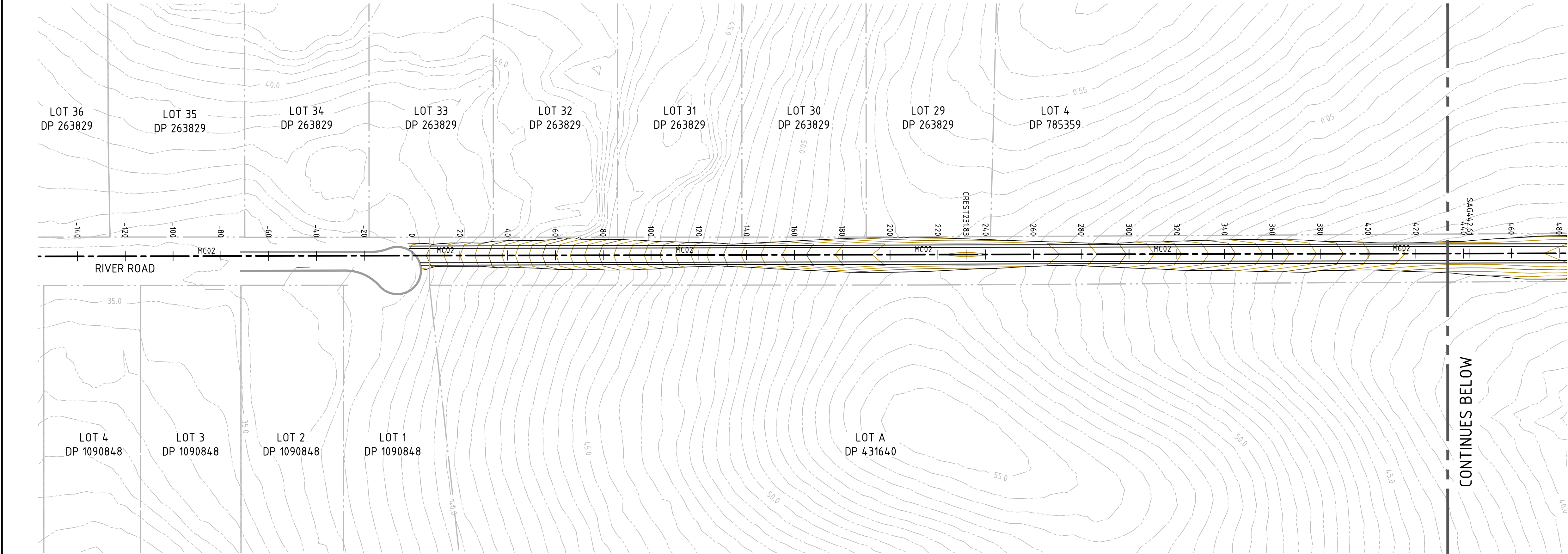
MP-C06.11

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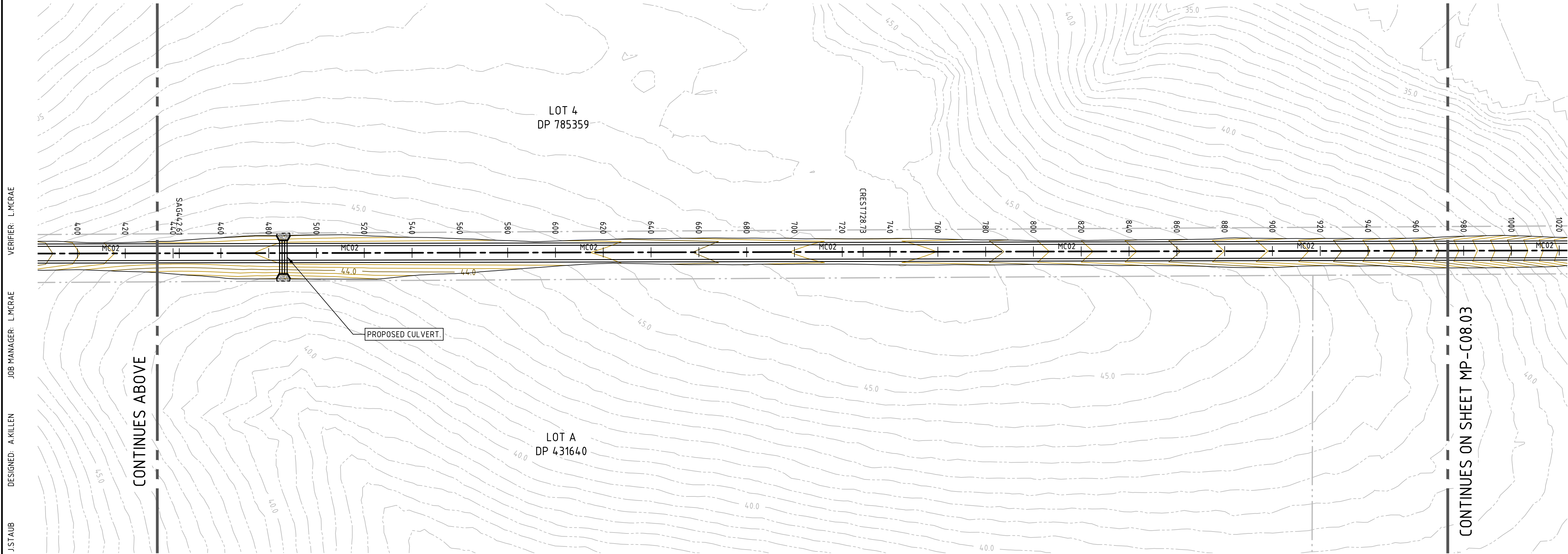


NOT FOR CONSTRUCTION

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: AKILLEN
DRAWN: JSTAUB



LEGEND	
	PROPOSED BOUNDARY LINE
	EXISTING BOUNDARY LINE
	DESIGN CONTOURS (0.5m INTERVALS)
	EXISTING CONTOURS (0.5m INTERVALS)



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A	DRAFT ISSUE	JS	-	AK	15.08.24
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C	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24
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E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1

0 10 20 30 40 50m

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PROJECT

**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

**CONCEPT CIVIL WORKS PLAN RIVER
ROAD - SHEET 1**

JOB NUMBER

NL222055-01

DRAWING NUMBER

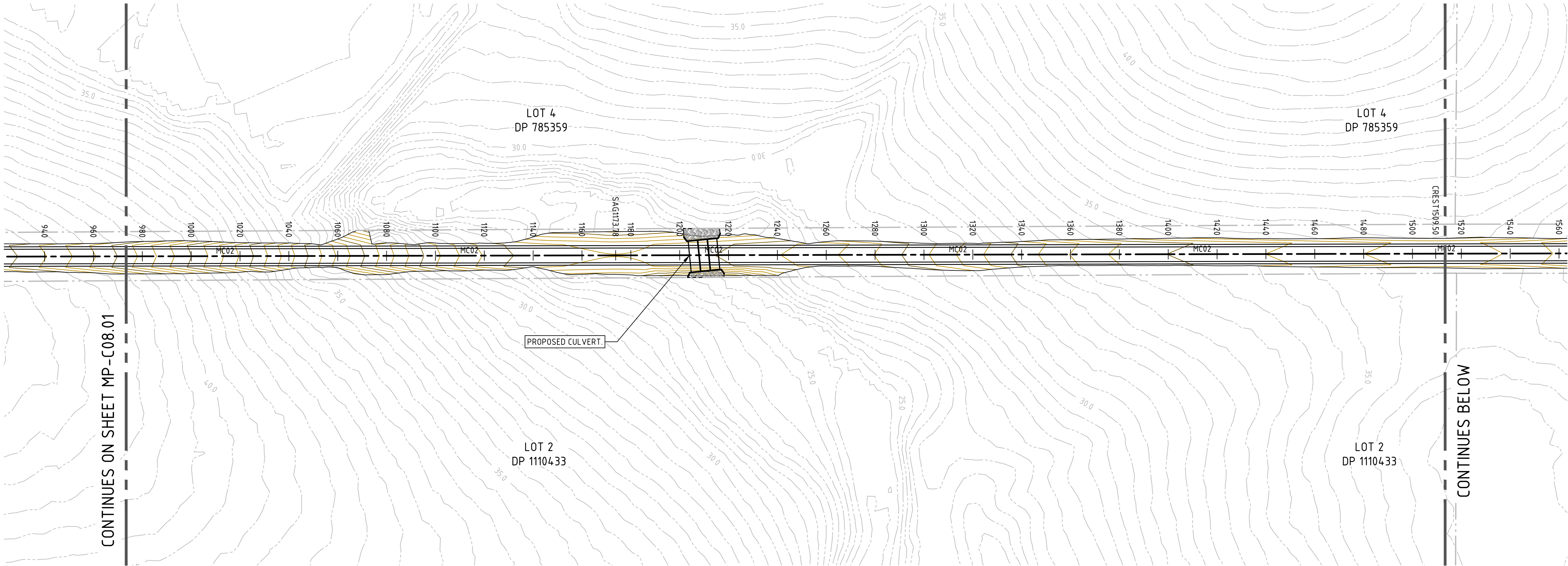
MP-C08.01

REVISION

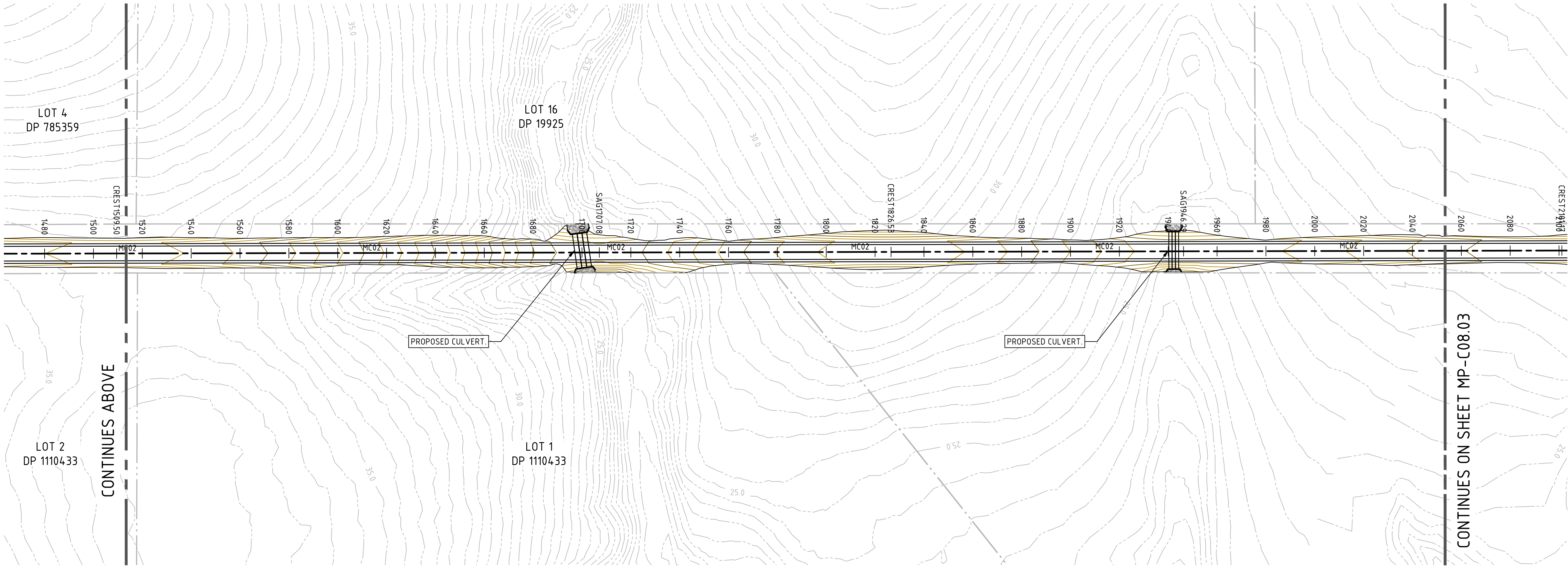
E

DRAWING SHEET SIZE = A1

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: AKILLEN
DRAWN: J STAUB



LEGEND	
	PROPOSED BOUNDARY LINE
	EXISTING BOUNDARY LINE
	DESIGN CONTOURS (0.5m INTERVALS)
	EXISTING CONTOURS (0.5m INTERVALS)



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	15.08.24
B	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
C	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1

0 10 20 30 40 50m

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ABN 81 094 433 100

PROJECT

**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

**CONCEPT CIVIL WORKS PLAN RIVER
ROAD - SHEET 2**

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C08.02

REVISION

E

DRAWING SHEET SIZE = A1

DRAWN: J.STAUB
DESIGNED: A.KILLEN
JOB MANAGER: L.MCRAE
VERIFIER: L.MCRAE

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	15.08.24
B	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
C	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1

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01020304050m

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PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

CONCEPT CIVIL WORKS PLAN RIVER
ROAD - SHEET 3

JOB NUMBER

NL222055-01

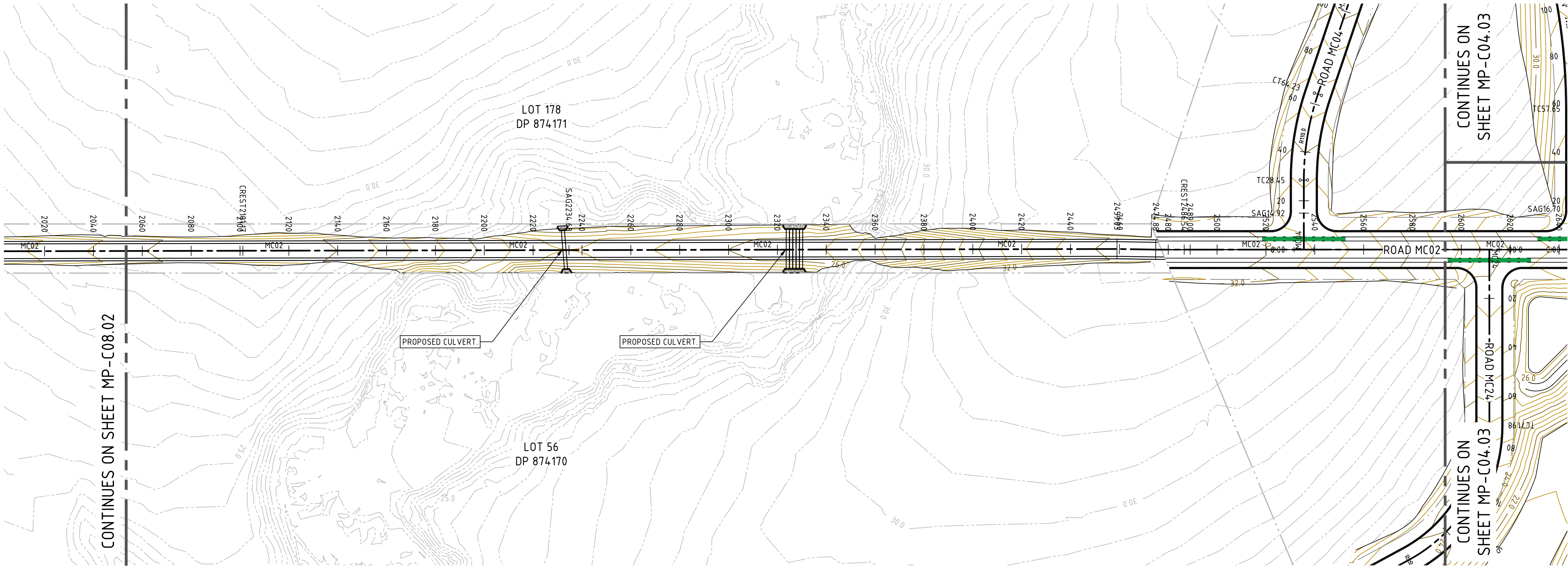
DRAWING NUMBER

MP-C08.03

REVISION

E

DRAWING SHEET SIZE ± A1



LEGEND

PROPOSED BOUNDARY LINE

EXISTING BOUNDARY LINE

XX.XX

DESIGN CONTOURS (0.5m INTERVALS)

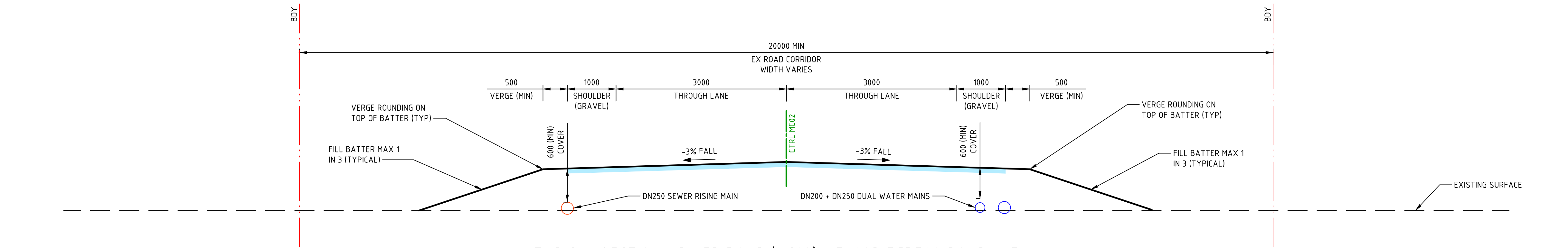
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EXISTING CONTOURS (0.5m INTERVALS)

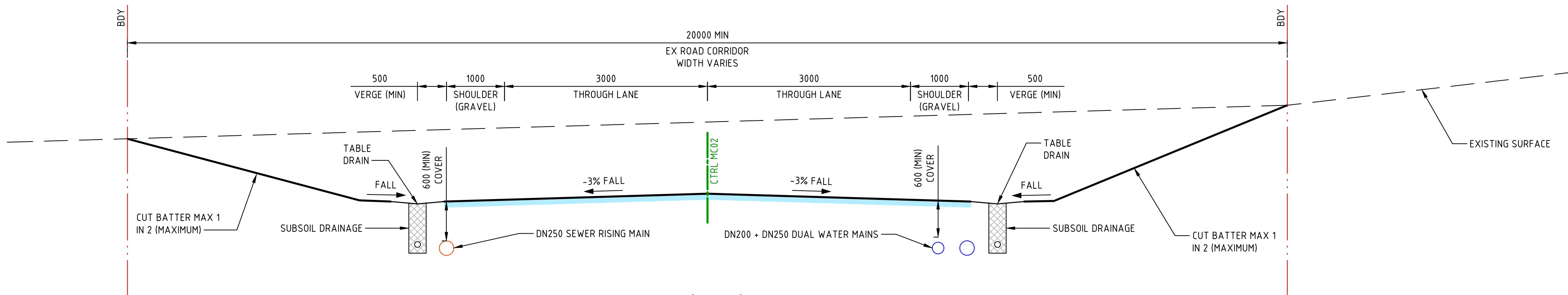
NOT FOR CONSTRUCTION



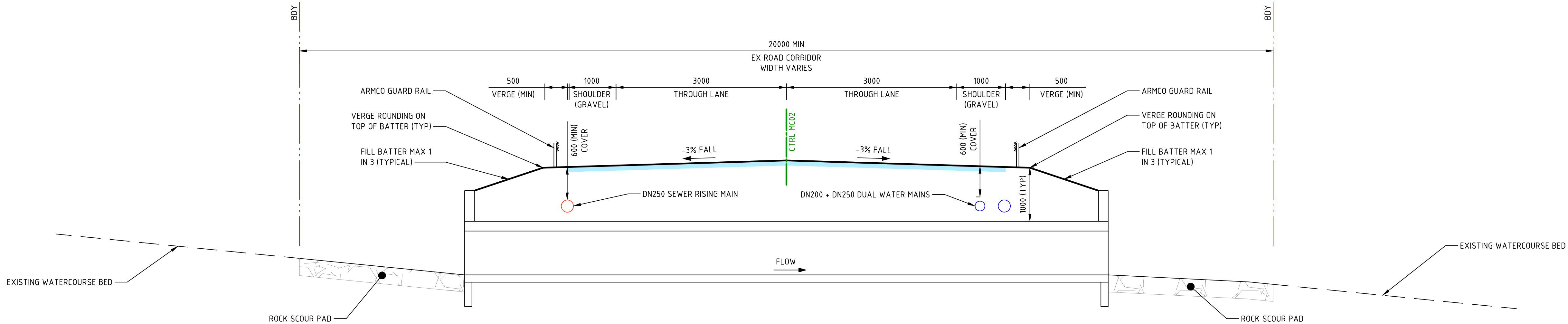
VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: AKILLEN
DRAWN: JSTAUB



TYPICAL SECTION - RIVER ROAD (MC02) - FLOOD EGRESS ROAD IN FILL



TYPICAL SECTION - RIVER ROAD (MC02) - FLOOD EGRESS ROAD IN CUT



TYPICAL SECTION - RIVER ROAD (MC02) - FLOOD EGRESS ROAD CULVERT CROSSING



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A	DRAFT ISSUE	JS	-	AK	15.08.24
B	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
C	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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maitland
city council

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SCALE 1:50 @ A1

0 0.5 1 1.5 2 2.5m

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Newcastle

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Ph (02) 4943 1777 Email newcastle@northrop.com.au
ABN 81 094 433 100

PROJECT

**PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320**

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

**ROAD TYPICAL SECTIONS RIVER
ROAD**

JOB NUMBER

NL222055-01

DRAWING NUMBER

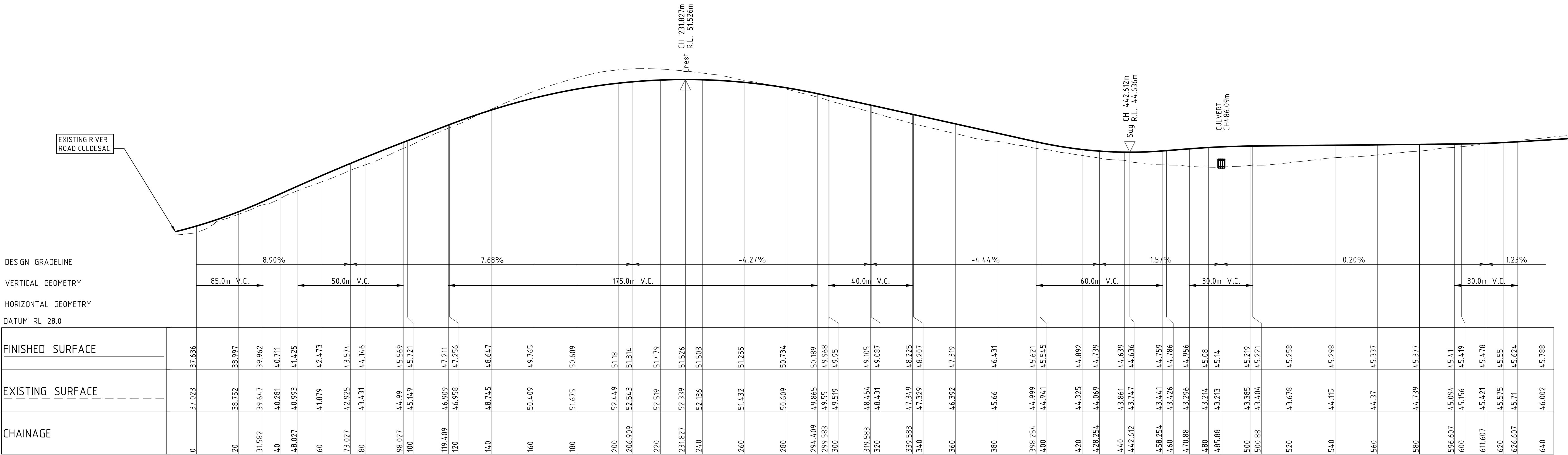
MP-C08.21

REVISION

E

DRAWING SHEET SIZE = A1

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: AKILLEN
DRAWN: J STAUB



LONGITUDINAL SECTION ALONG MC02

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
A	DRAFT ISSUE	JS	-	AK	15.08.24
B	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24
C	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24
D	DRAFT ISSUE	JS	-	AK	23.05.25
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25

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SCALE 1:1000 @ A1

0 10 20 30 40 50m

SCALE 1:200 @ A1

0 2 4 6 8 10m

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS
RIVER ROAD - SHEET 1

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C08.31

REVISION

E

DRAWING SHEET SIZE = A1

008 - 30.05.2025 10:00 AM Printed by: JACOB STAUB File: C:\S\Pra-July-24\Projects\Newcastle\YEAR 2022-26\NL222055-01 - 559 Anambah Road, Gosforth - Drawings\CIVIL\DA\MASTERPLAN\NL222055-01-MP-C08.31-LONG SECTIONS (REVISI).dwg

DESIGNED: AKILLEN
DRAWN: J STAUB
JOB MANAGER: L MCRAE
VERIFIER: L MCRAE

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 15.0

FINISHED SURFACE	
EXISTING SURFACE	-----
CHAINAGE	
620	45.575
626.607	45.71
640	46.002
660	46.375
680	46.648
697.74	46.83
700	46.832
720	46.928
728.732	46.986
740	47.059
747.74	47.019
760	46.86
780	46.435
797.74	45.882
800	45.804
820	45.309
840	44.833
860	44.395
880	44.066
900	43.543
903.312	43.417
920	42.867
940	42.009
960	41.179
972.137	40.785
980	40.337
1000	38.969
1020	37.112
1040	35.052
1040.962	34.724
1055.962	32.757
1060	32.208
1070.962	32.384
1080	32.02
1091.23	30.599
1100	29.805
1120	28.442
1121.23	28.404
1140	27.098
1151.23	25.914
1160	25.521
1167.497	25.276
1173.782	25.126
1177.497	25.001
1180	25.004
1187.497	24.92
1200	24.96
1205.87	25.327
1215.87	25.448
1220	25.647
1225.87	26.085
1240	27.318
1254.409	28.742
1260	29.056

LONGITUDINAL SECTION ALONG MC02

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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SCALE 1:1000@A1

SCALE 1:200@A1

0 10 20 30 40 50m

0 2 4 6 8 10m

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS
RIVER ROAD - SHEET 2

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C08.32

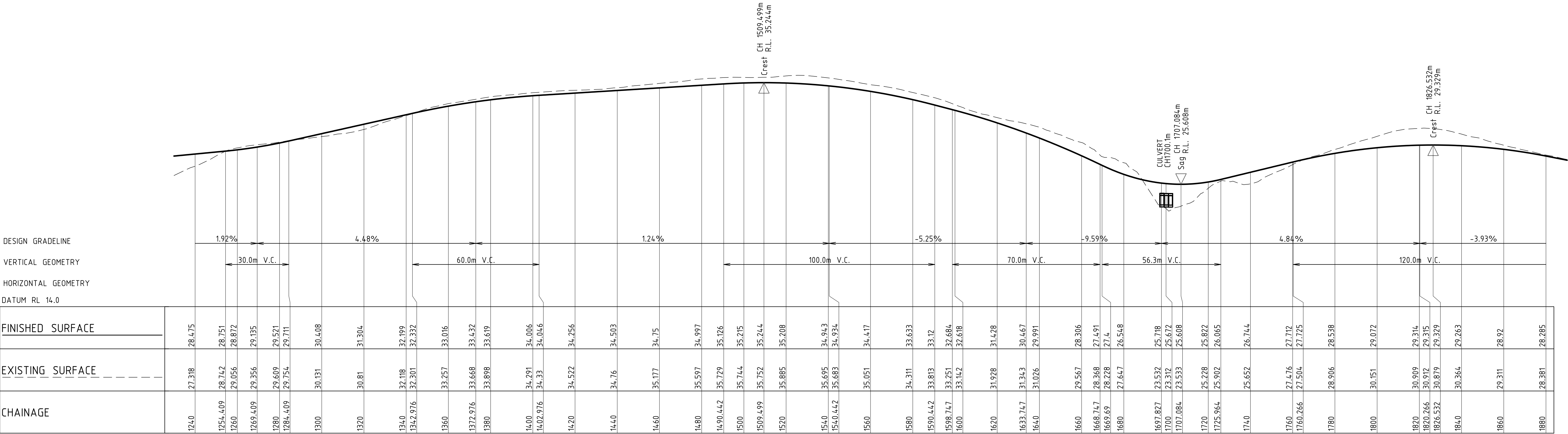
REVISION

E

DRAWING SHEET SIZE = A1

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: AKILLEN
DRAWN: J STAUB

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 14.0



LONGITUDINAL SECTION ALONG MC02
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

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SCALE 1:1000 @ A1

SCALE 1:200 @ A1

0 10 20 30 40 50m

0 2 4 6 8 10m

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS
RIVER ROAD - SHEET 3

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C08.33

REVISION

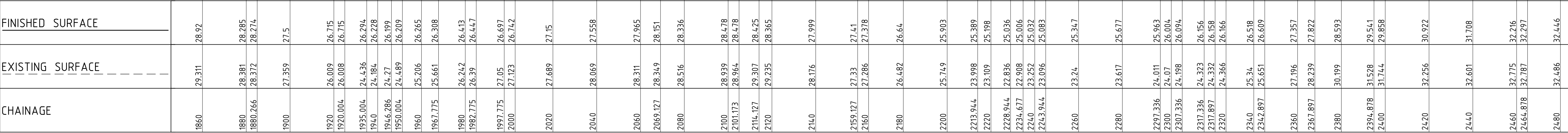
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DRAWING SHEET SIZE = A1

006 - 30.05.2025 10:05 AM Printed by: JACOB STAUB Page#1 015 Pw-July 24 Project/Newcastle/RYEAR 2022-26/06/22/055-01 - 559 Anambah Road, Gosforth - Drawings/CIVIL/559 CAD/MP MASTERPLAN/222055-01/MP-C08.31/LONG SECTIONS (REVIEW R01.rvt)

VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: AKILLEN
DRAWN: J STAUB

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 13.0



LONGITUDINAL SECTION ALONG MC02
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

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SCALE 1:1000 @ A1
SCALE 1:200 @ A1

0 10 20 30 40 50m

0 2 4 6 8 10m

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ABN 81 094 433 100

PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS
RIVER ROAD - SHEET 4

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C08.34

REVISION

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DRAWING SHEET SIZE = A1