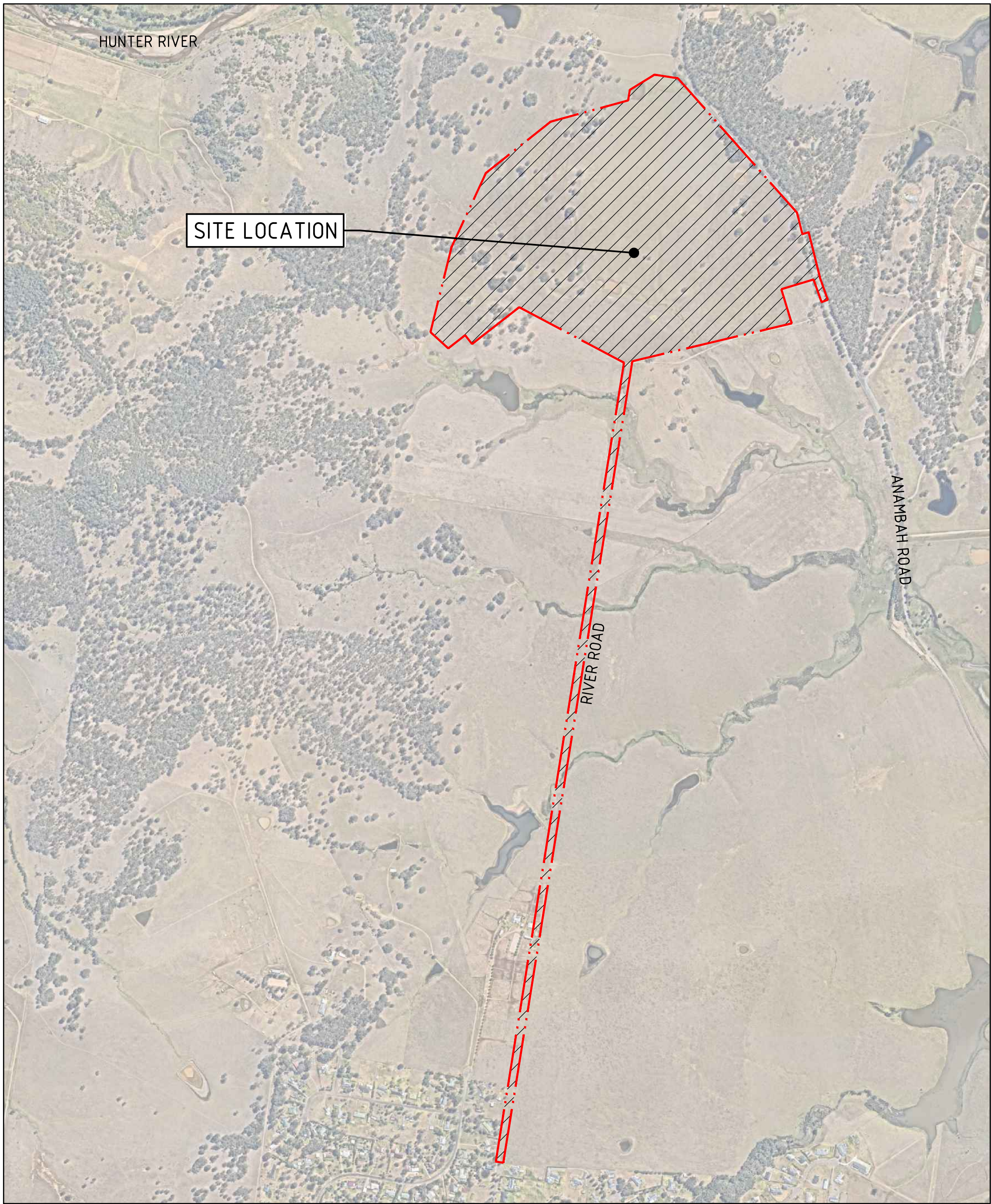


PROPOSED SUBDIVISION, 559 ANAMBAH ROAD GOSFORTH NSW 2320

MASTERPLAN DEVELOPMENT APPLICATION CIVIL ENGINEERING PACKAGE



LOCALITY PLAN

IMAGE SOURCE - NEARMAPS

DRAWING LIST

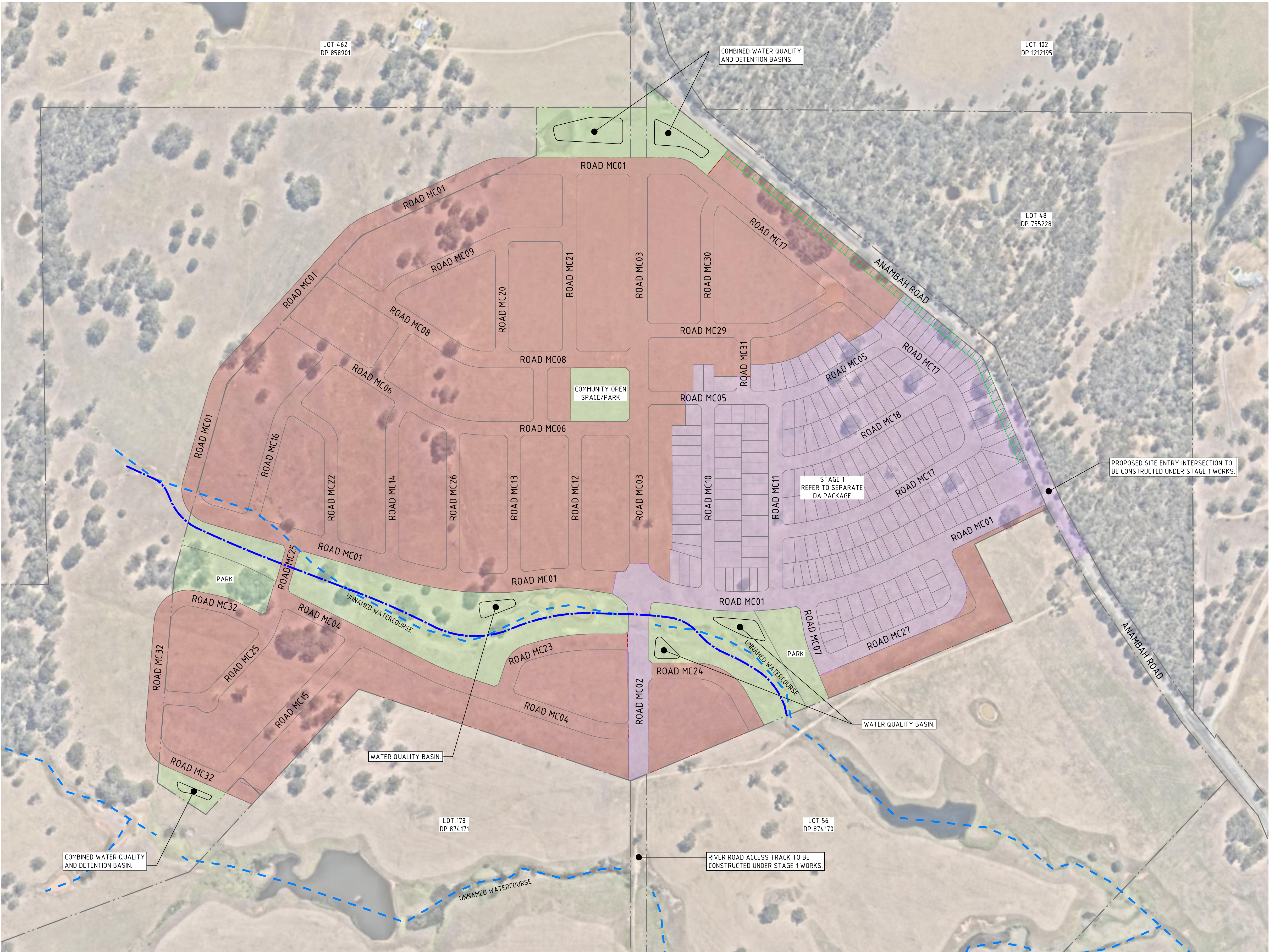
DWGN0	DRAWINGTITLE	
MP-C01.01	COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN	MP-C05.39 ROAD LONGITUDINAL SECTIONS - SHEET 9
MP-C02.01	STAGING PLAN	MP-C05.40 ROAD LONGITUDINAL SECTIONS - SHEET 10
MP-C03.01	CONCEPT BULK EARTHWORKS PLAN	MP-C05.41 ROAD LONGITUDINAL SECTIONS - SHEET 11
MP-C03.11	BULK EARTHWORKS 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								
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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



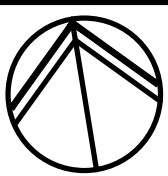
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A	DRAFT ISSUE	JS	-	AK	09.08.24	Third.i COMMUNITIES
B	DRAFT ISSUE	JS	-	AK	15.08.24	
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24	
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0 25 50 75 100 125m

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Level 1, 215 Pacific Hwy, Charlestown NSW 2290
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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

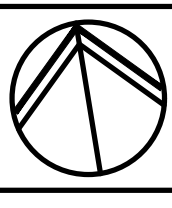
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Printed by: JACOBS STAUD
Project: 015 Pw-July 24 Projects/NEWCASTLE/2025-01-100 Anambah Road, Gosforth - Drawings/Civil/01-MASTERPLAN/MASTERPLAN/2025-01-MP-C03.01/BLK EIR.dwg

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SCALE 1:2500@ A1
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



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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

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

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
17.181	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
1074.589	45.914	46.18
1076.597	45.614	45.553

LEGEND

PROPOSED CUT

PROPOSED FILL

NOT FOR CONSTRUCTION

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

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0246810m

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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 2

JOB NUMBER

NL222055-01

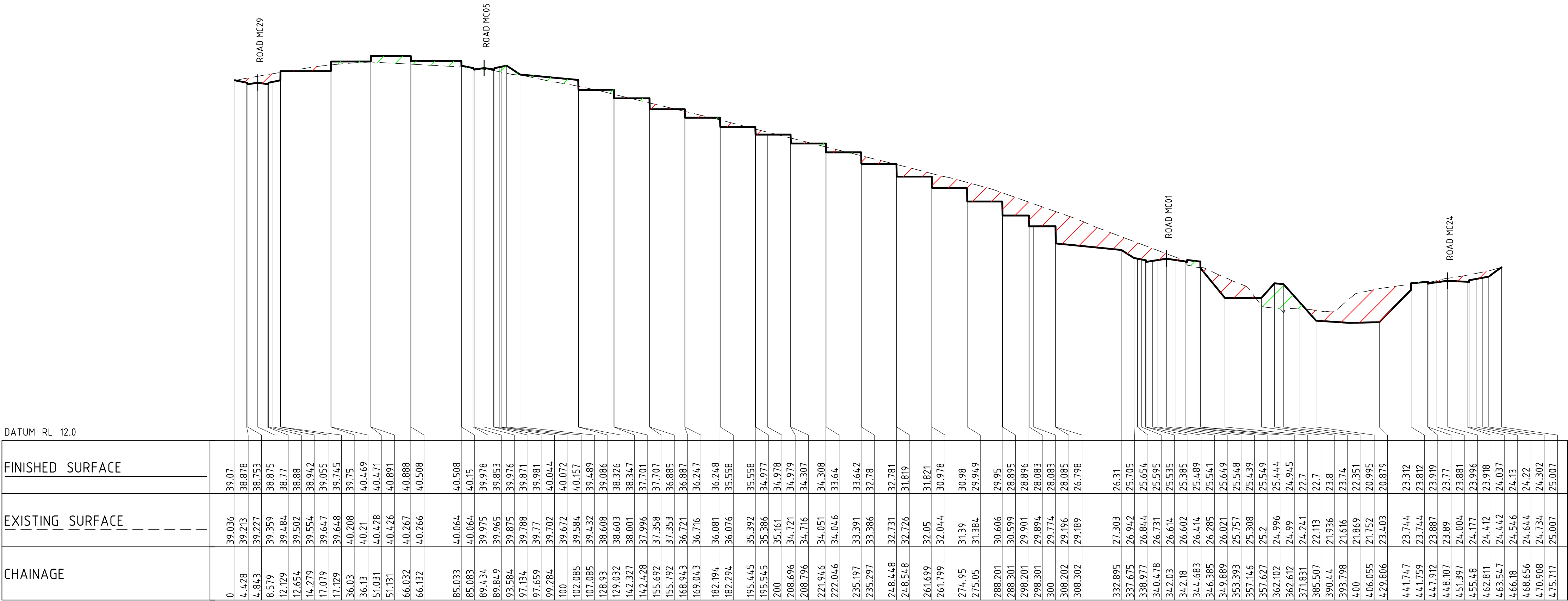
DRAWING NUMBER

MP-C03.12

REVISION

D

DRAWING SHEET SIZE = A1



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



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

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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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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

BULK EARTHWORKS SITE SECTIONS

- SHEET 3

DRAWING NUMBER

MP-C03.13

REVISION

D

DRAWING SHEET SIZE = A1

DATUM RL 16.0

FINISHED SURFACE	24.992	25.003	27.111	27.611	27.121	27.571	27.673	27.674	27.613	27.723	27.785	27.845	27.898	30.263	30.263	30.505	33.138	33.138	32.937	32.713	32.562	32.637	32.697	32.578	32.498	32.604	32.698	33.534
EXISTING SURFACE	26.908	27.635	28.287	28.288	28.593	28.594	28.773	28.989	29.204	29.351	29.506	29.605	29.684	30.263	30.263	30.505	33.138	33.156	33.259	32.713	32.562	32.637	32.697	32.578	32.498	32.604	32.698	33.534
CHAINAGE	639.9	655.065	663.492	663.502	668.352	668.502	671.002	674.002	677.002	679.052	681.202	682.703	684.003	693.456	700		771.182	771.984	776.579	776.686	779.29	782.409	785.521	787.644	788.141	791.418	796.144	

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

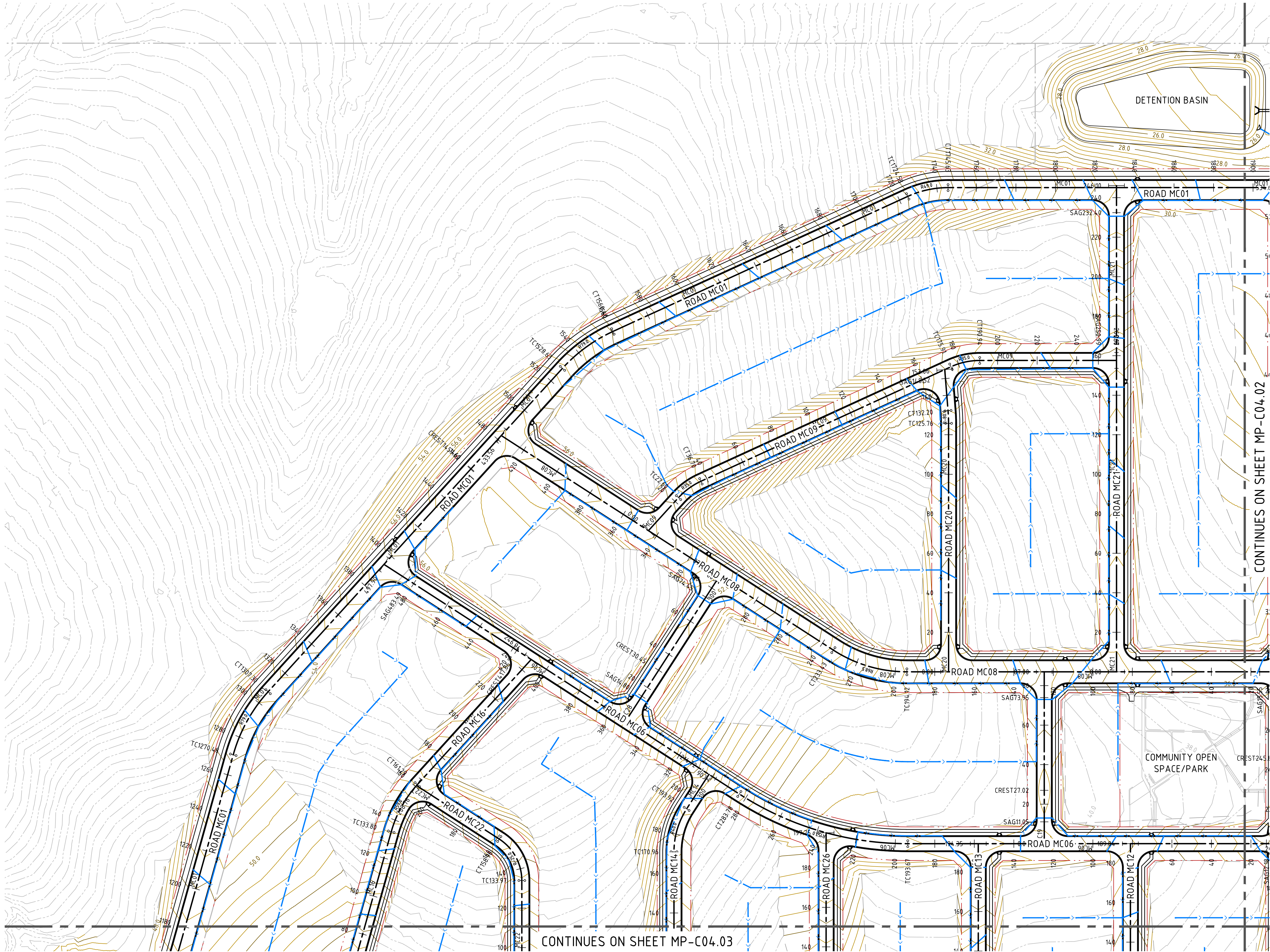
DATUM RL 16.0

FINISHED SURFACE	27.386	26.543	24.539	25.043	27.037	28.897	29.032	28.907	29.03	28.85	28.96	29.023	29.135	29.84	30.272	30.225	32.993	35.761	35.922	35.849	36.78	36.607	36.457	36.559	36.401	36.665	36.499	36.609	36.672	36.784	38.417	38.417	38.129	38.373	37.967	37.957	37.832	37.955	37.85	37.96	38.023	38.136	39.203	29.109	28.978	28.649	28.978	28.827	28.921	29.06	27.806	28.973	27.747	28.944	27.633	28.887	27.534	28.819	27.526	28.927	28.804	27.217	28.687	605.16	604.674	602.598	600.876	600	597.331	592.065	589.533	589.381	586.292	582.07
EXISTING SURFACE	27.424	27.269	26.917	25.043	27.037	28.897	29.032	28.907	29.03	28.85	28.96	29.023	29.135	29.84	30.272	30.225	32.993	35.761	35.922	35.849	36.78	36.607	36.457	36.559	36.401	36.665	36.499	36.609	36.672	36.784	38.417	38.417	38.129	38.373	37.967	37.957	37.832	37.955	37.85	37.96	38.023	38.136	39.203	29.109	28.978	28.649	28.978	28.827	28.921	29.06	27.806	28.973	27.747	28.944	27.633	28.887	27.534	28.819	27.526	28.927	28.804	27.217	28.687	605.16	604.674	602.598	600.876	600	597.331	592.065	589.533	589.381	586.292	582.07
CHAINAGE	0	3.363	11.365	43.612	51.62	62.806	68.156	68.571	72.307	76.357	78.837	80.507	83.307	86.124	100		200	300	303.195	306.918	311.268	311.418	313.918	317.418	322.969	323.449	325.119	327.919	36.784	394.767	395.921	400	400.271	400.686	404.421	407.971	408.496	410.121	412.921	39.203	500		582.07	586.292	589.381	589.533	592.065	597.331	600	600.876	602.598	604.674	605.16	609.687	610.204	623.475	640																	

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

NOT FOR CONSTRUCTION

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

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



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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	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

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SCALE 1:1000 @ A1

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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

JOB NUMBER

NL222055-01

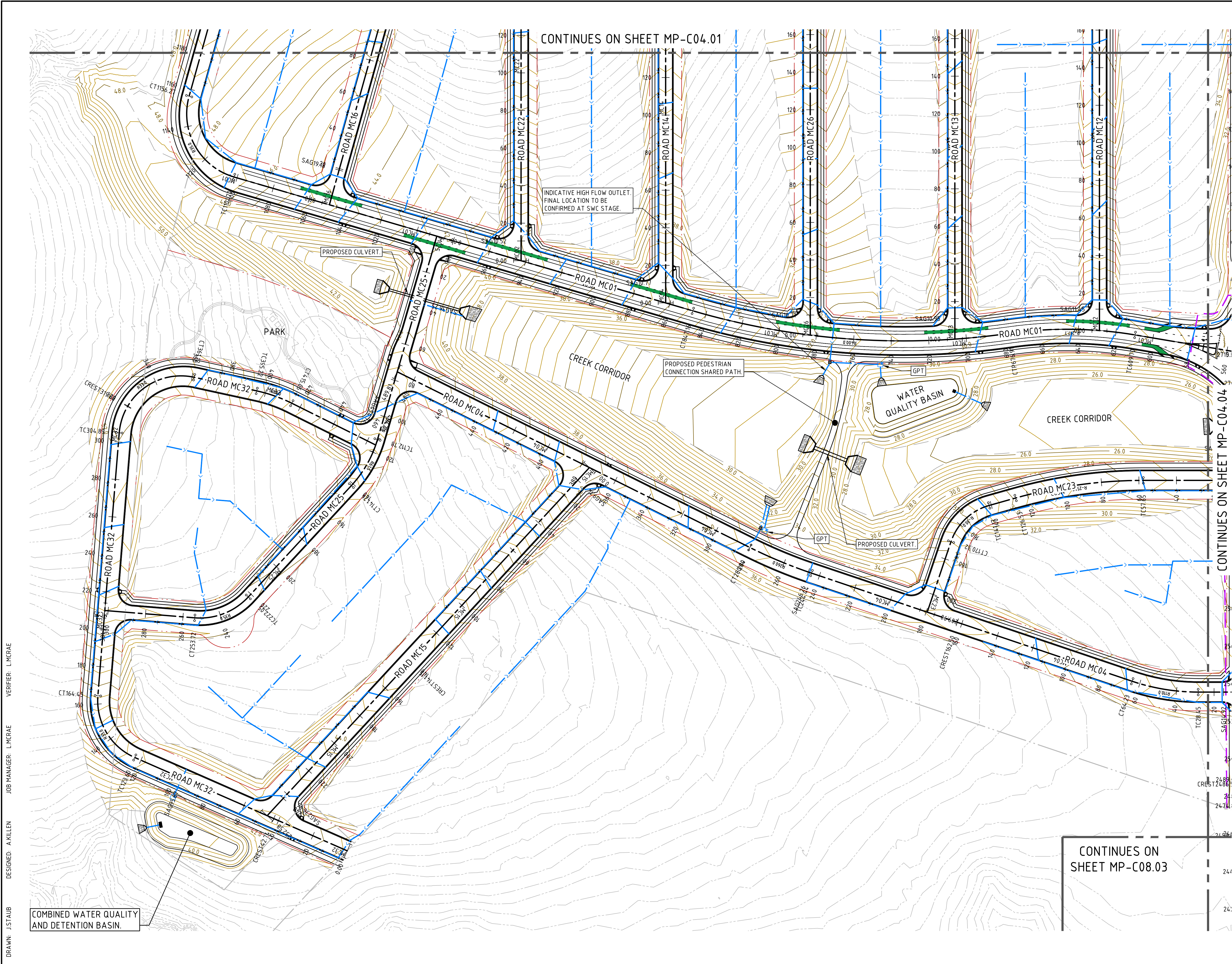
DRAWING NUMBER

MP-C04.01

REVISION

F

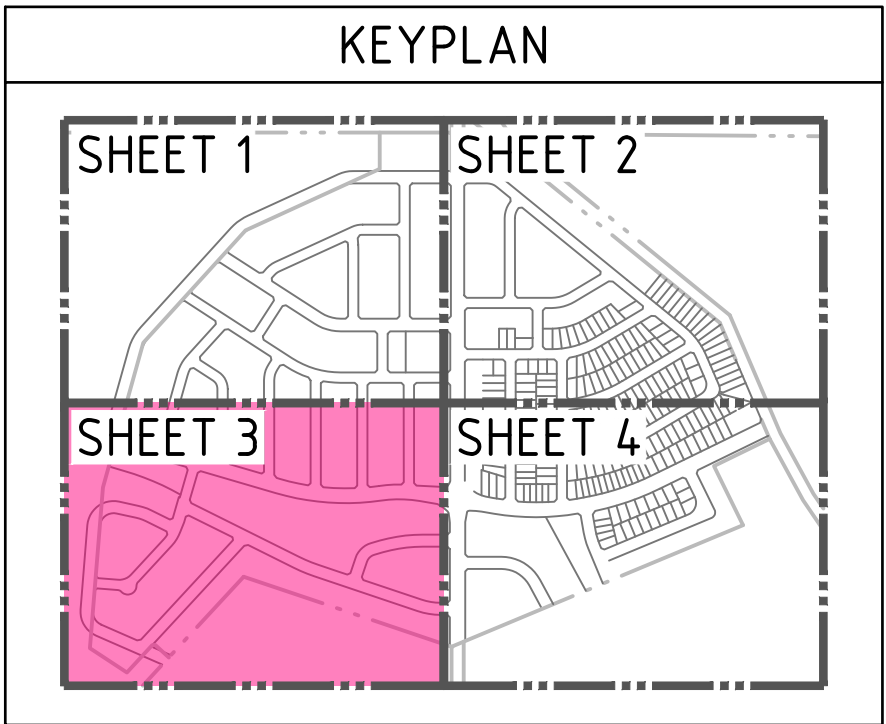
DRAWING SHEET SIZE = A1



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

- 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.



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

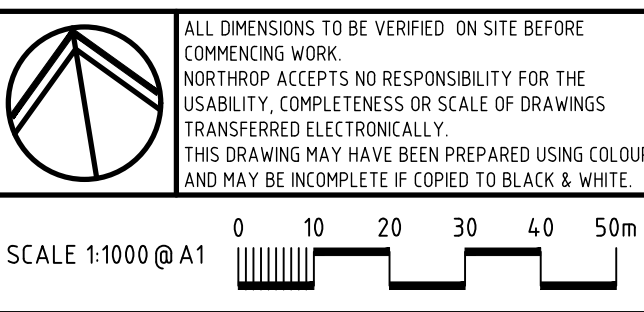
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A	DRAFT ISSUE	JS	-	AK	09.08.24	
B	DRAFT ISSUE	JS	-	AK	15.08.24	
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24	
D	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24	
E	DRAFT ISSUE	JS	-	AK	23.05.25	
F	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25	

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ABN 81 094 433 100

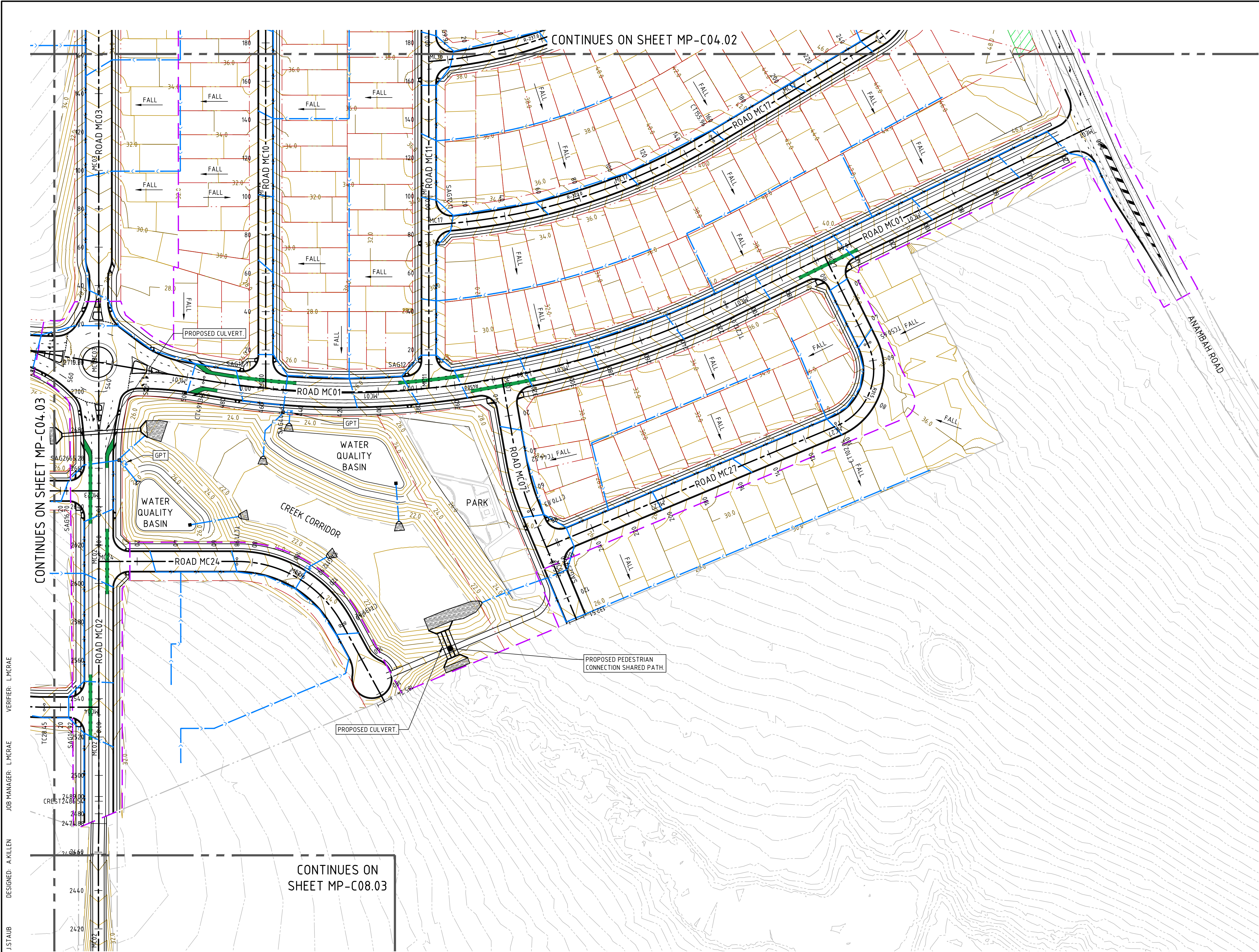
PROJECT
PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320
MASTERPLAN DA

DRAWING TITLE
CIVIL ENGINEERING PACKAGE
CONCEPT CIVIL WORKS PLAN -
SHEET 3

JOB NUMBER
NL222055-01
DRAWING NUMBER
MP-C04.03
REVISION
F
DRAWING SHEET SIZE = A1



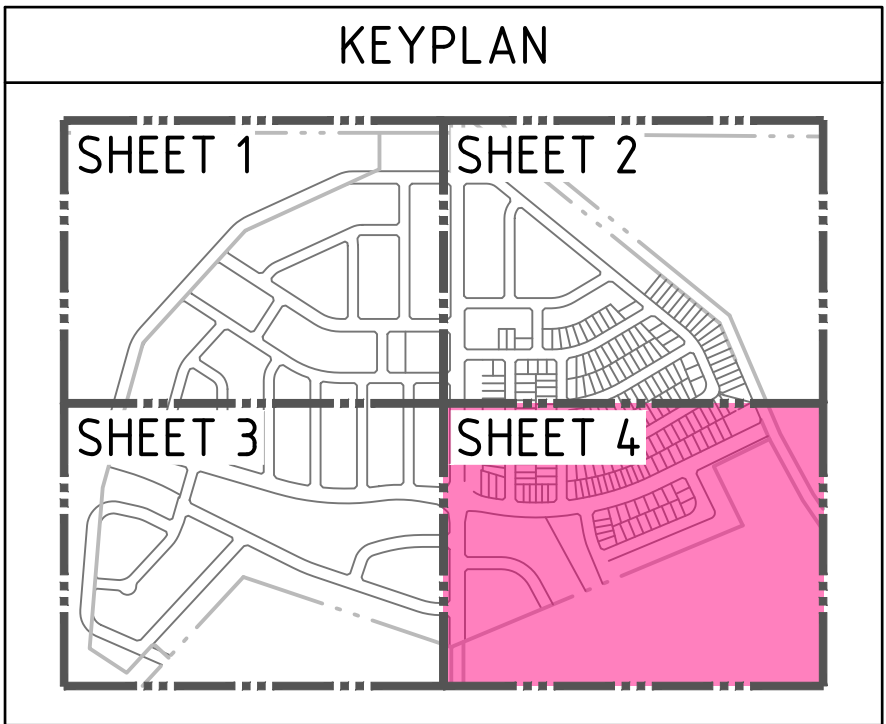
NOT FOR CONSTRUCTION



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

- 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.



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

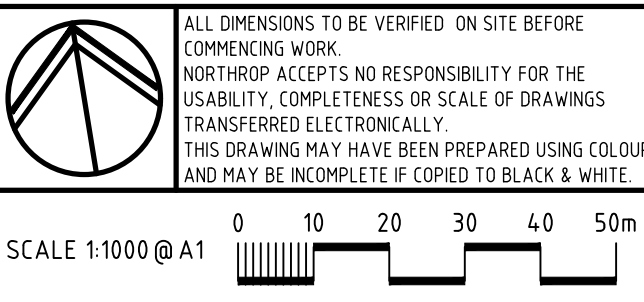
REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	DRAFT ISSUE	JS	-	AK	09.08.24	
B	DRAFT ISSUE	JS	-	AK	15.08.24	
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24	
D	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24	
E	DRAFT ISSUE	JS	-	AK	23.05.25	
F	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25	

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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 4

JOB NUMBER
NL222055-01
DRAWING NUMBER
MP-C04.04
REVISION
F
DRAWING SHEET SIZE = A1



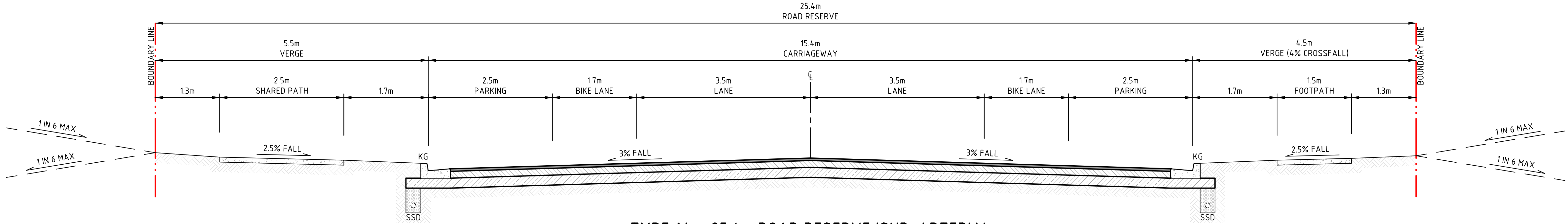
NOT FOR CONSTRUCTION

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

- NOTES
1.

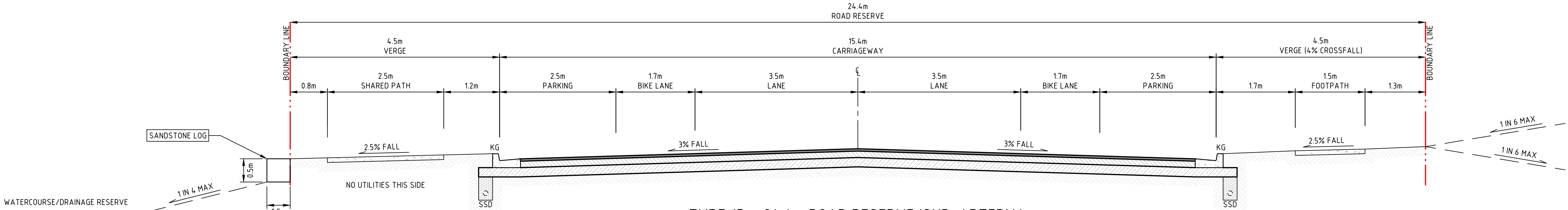
UTILITY ALLOCATIONS NOT SHOWN FOR CLARITY. FOOTPATH ALLOCATIONS TO GENERALLY BE IN ACCORDANCE WITH MCC STANDARD DRAWING S0001, UNLESS NOTED OTHERWISE.
2.

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



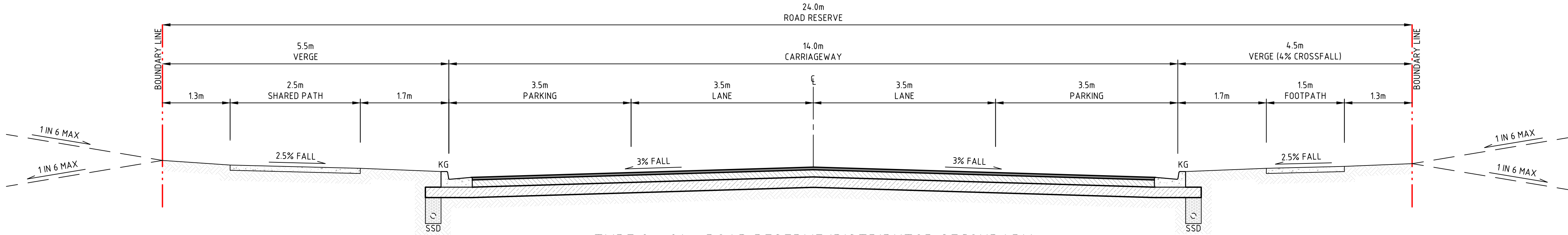
TYPE 1A - 25.4m ROAD RESERVE/SUB-ARTERIAL

SECTION 1A
SCALE 1:50
C05.01



TYPE 1B - 24.4m ROAD RESERVE/SUB-ARTERIAL

SECTION 1B
SCALE 1:50
C05.01



TYPE 2 - 24m ROAD RESERVE/DISTRIBUTOR SECONDARY

SECTION 2
SCALE 1:50
C05.01



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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						
E	DRAFT ISSUE	JS	-	AK	15.08.24						
F	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24						
G	DRAFT ISSUE	JS	-	AK	23.05.25						
H	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25						
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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.

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.



SECTION 3A
SCALE 1:50 C05.01



SECTION 3B
SCALE 1:50
C05.01



SECTION 3C
SCALE 1:50
C05.01



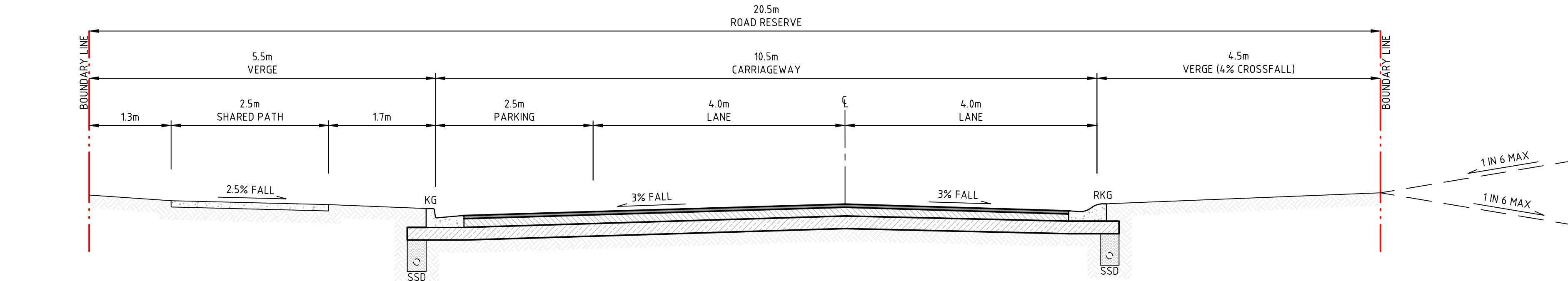
SECTION 3D
SCALE 1:50
C05.01



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	 Newcastle Level 1, 215 Pacific Hwy, Charlestown NSW 2290 Ph (02) 4943 1777 Email newcastle@northrop.com.au ABN 81 094 433 100	0 0.5 1 1.5 2 2.5m	PROPOSED SUBDIVISION 559 ANAMBAH ROAD GOSFORTH NSW 2320	CIVIL ENGINEERING PACKAGE	NL222055-01	
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								
G	DRAFT ISSUE	JS	-	AK	23.05.25								
H	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	ROAD TYPICAL SECTIONS - SHEET 2	DRAWING NUMBER MP-C05.22	REVISION G
DRAWING SHEET SIZE = A1													

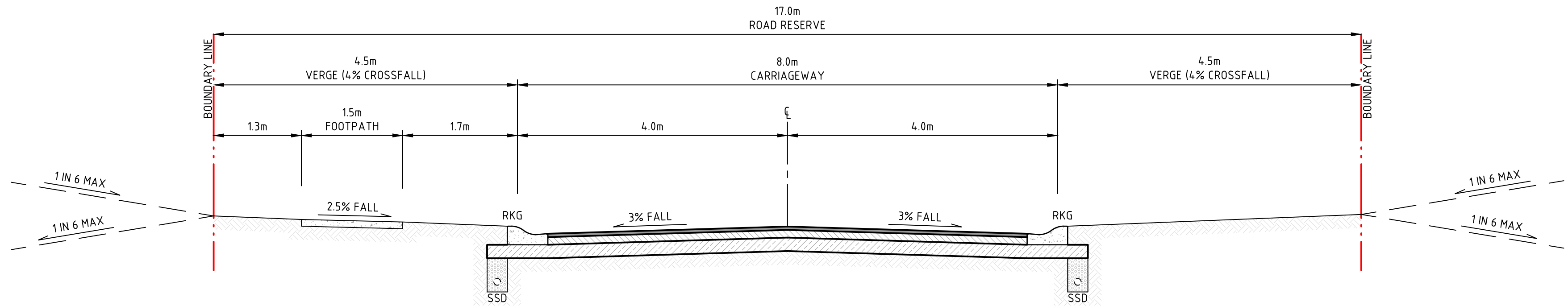
NOTES

- UTILITY ALLOCATIONS NOT SHOWN FOR CLARITY. FOOTPATH ALLOCATIONS TO GENERALLY BE IN ACCORDANCE WITH MCC STANDARD DRAWING SD001, UNLESS NOTED OTHERWISE.
- REFER TO LANDSCAPE MASTERPLAN DESIGN REPORT (TAYLORBRAMMER REF: 25-005N) FOR LOCATIONS OF PROPOSED STREET TREES. DETAILS TO BE PROVIDED AT SWC STAGE.



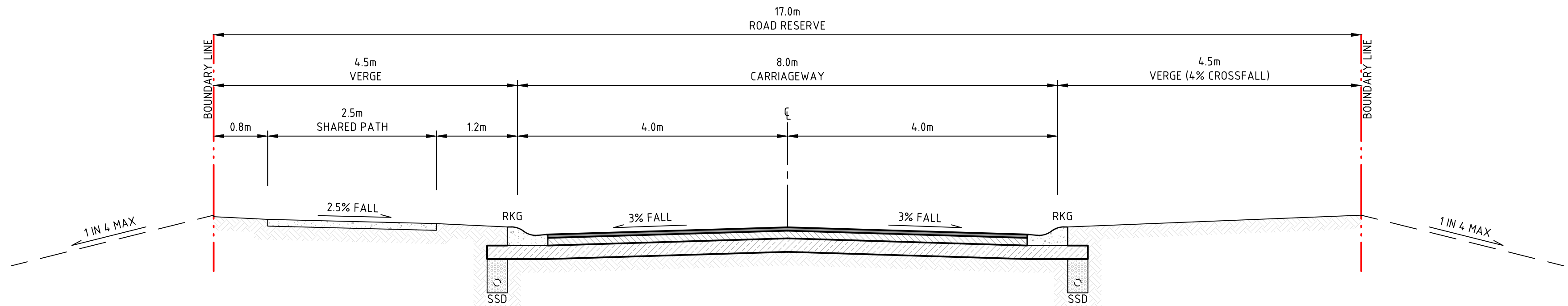
TYPE 4 - 20.5m ROAD RESERVE - PERIMETER ROAD

SECTION 4
SCALE 1:50
C05.01



TYPE 5A - 17m ROAD RESERVE

SECTION 5A
SCALE 1:50
C05.01

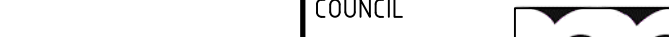
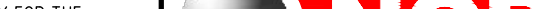


TYPE 5B - 17m ROAD RESERVE - CREEK CROSSING

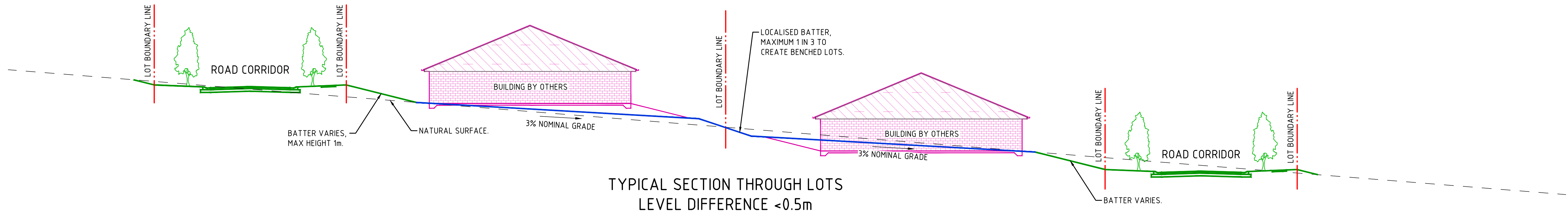
SECTION 5B
SCALE 1:50
C05.01



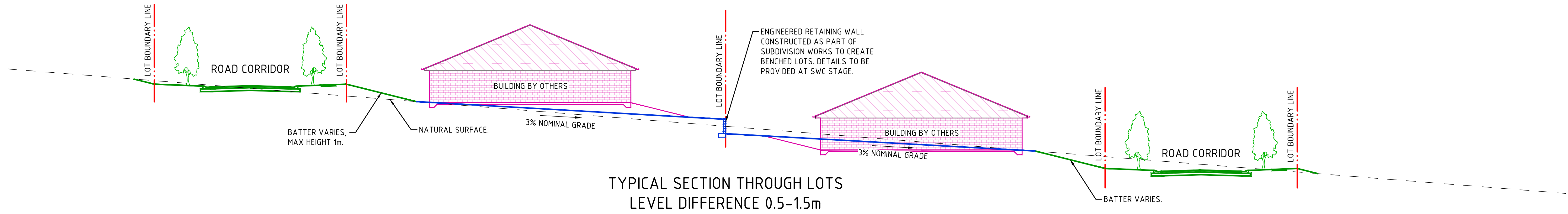
NOT FOR CONSTRUCTION

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.		 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	DRAWING TITLE	JOB NUMBER	
A	DRAFT ISSUE		JS	-	AK	23.05.25	 Third.i COMMUNITIES	 maitland city council	DRAWING NUMBER	REVISION					
B	ISSUED FOR APPROVAL		JS	LM	AK	30.05.25			MP-C05.23	B					
							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	SCALE 1:50 @ A1 		PROPOSED SUBDIVISION 559 ANAMBAH ROAD GOSFORTH NSW 2320		CIVIL ENGINEERING PACKAGE	NL222055-01	
											ROAD TYPICAL SECTIONS - SHEET 3		MASTERPLAN DA		DRAWING SHEET SIZE = A1

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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ABN 81 094 433 100

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

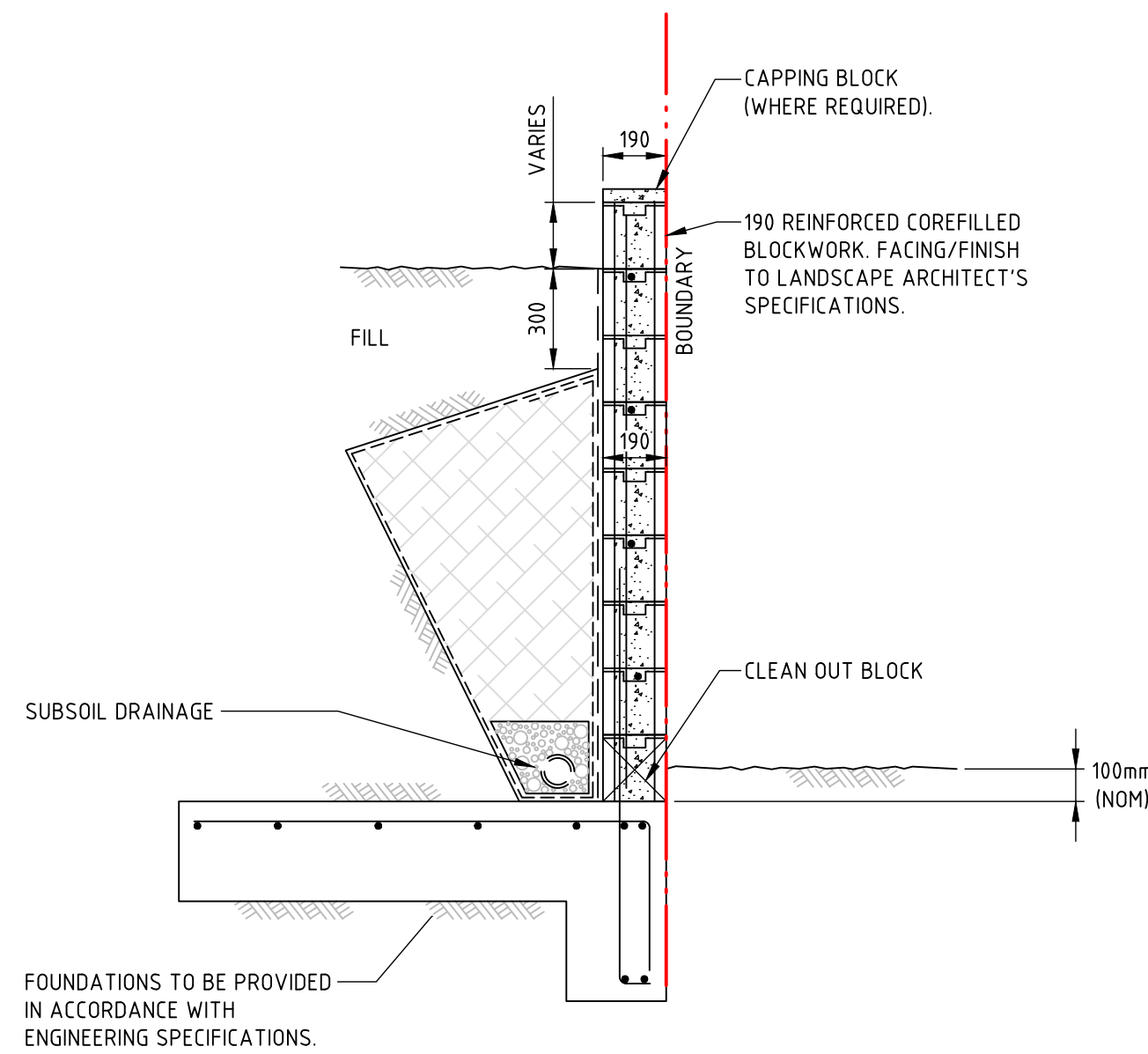
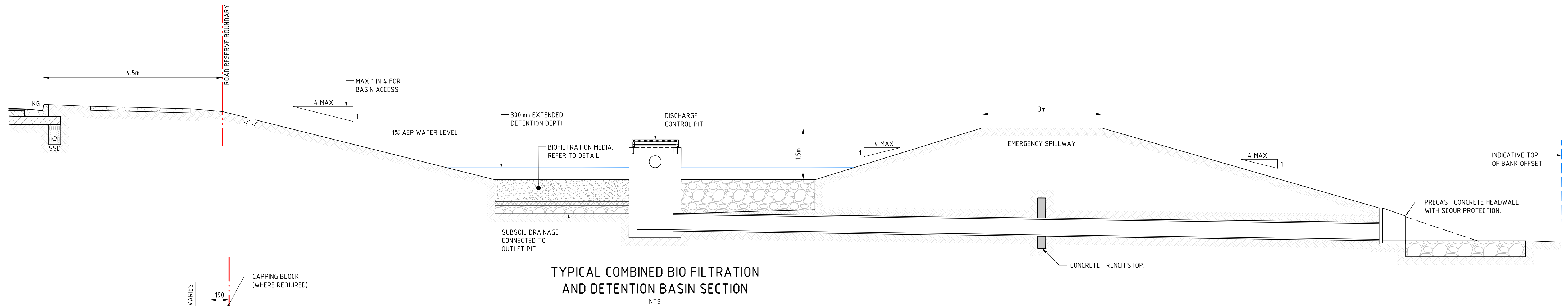
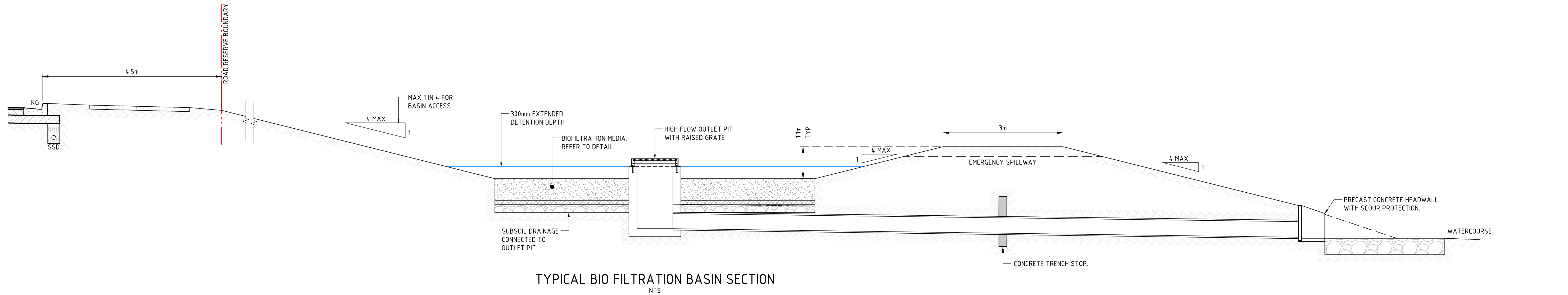
MP-C05.25

REVISION

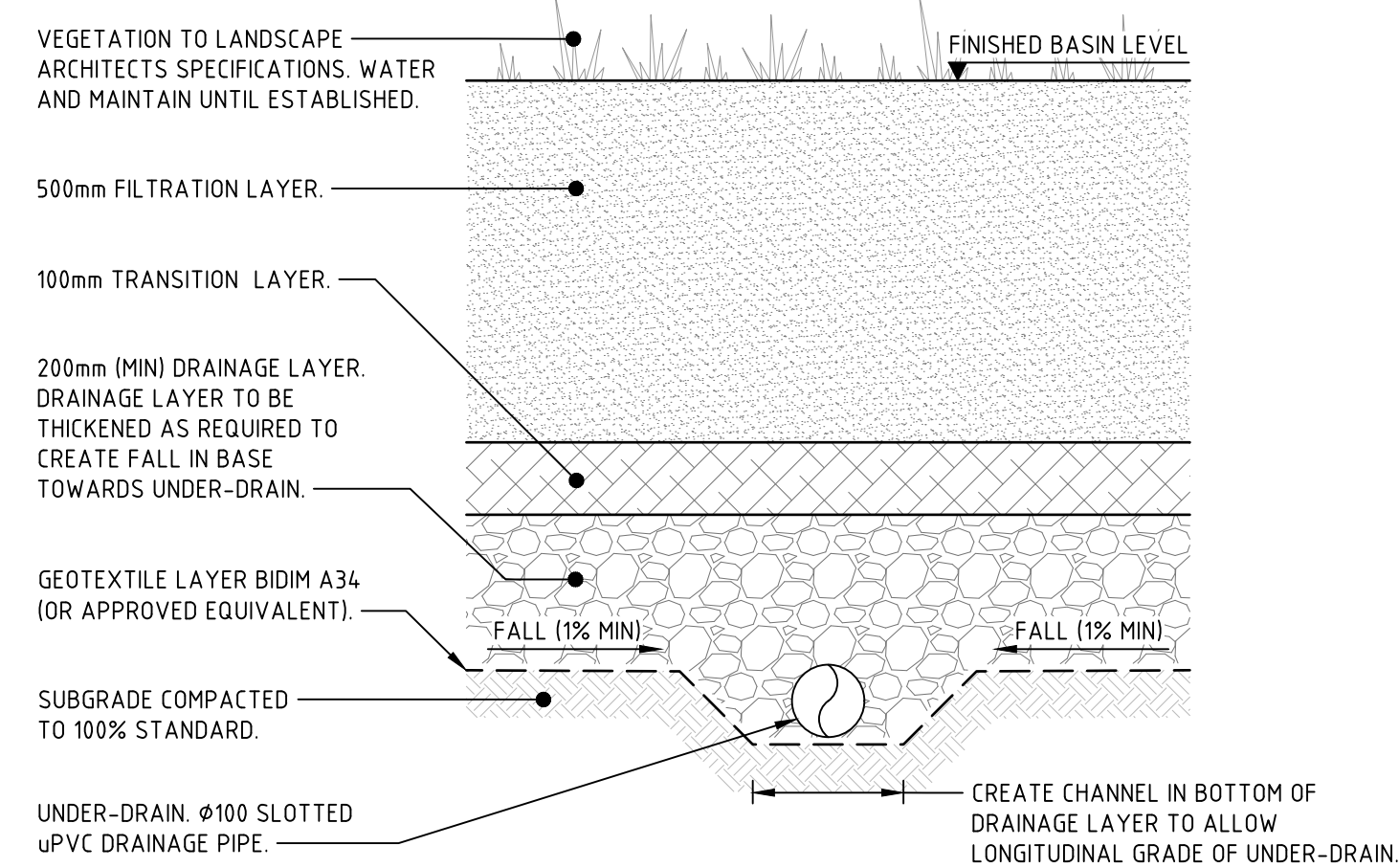
D

DRAWING SHEET SIZE ± A1

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



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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ABN 81 094 433 100

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

MASTERPLAN DA

DRAWING TITLE
CIVIL ENGINEERING PACKAGE

TYPICAL CIVIL DETAILS

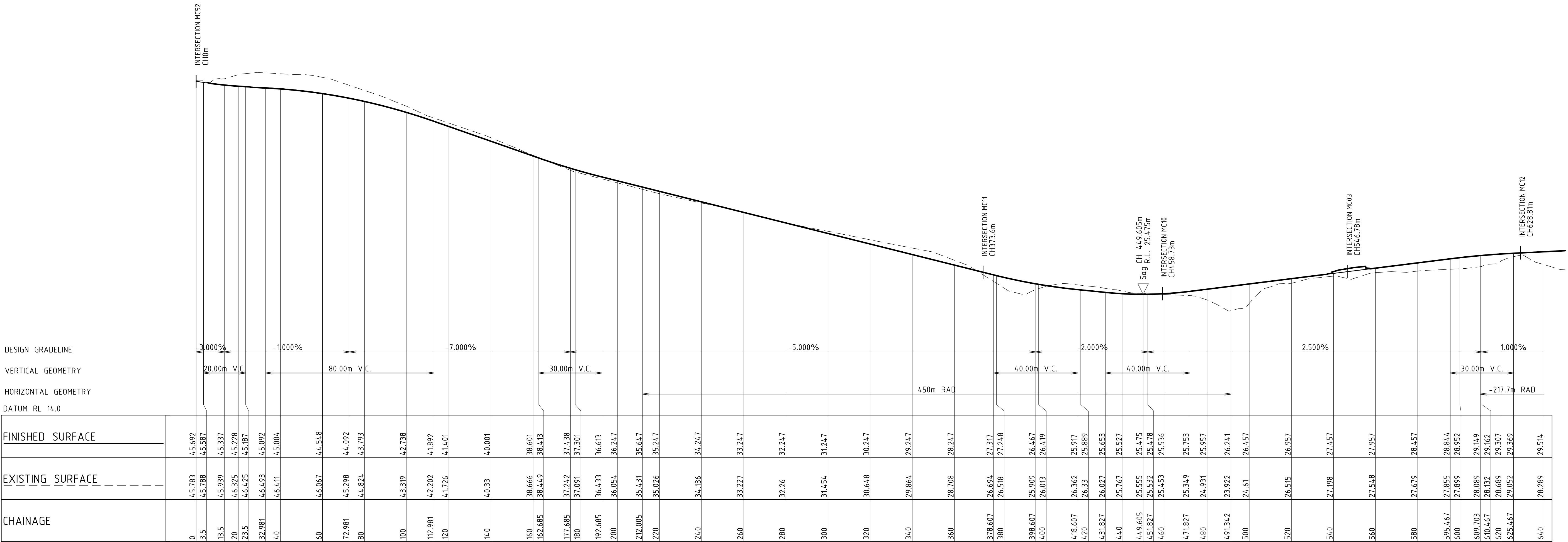
JOB NUMBER
NL222055-01

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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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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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	51.798

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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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

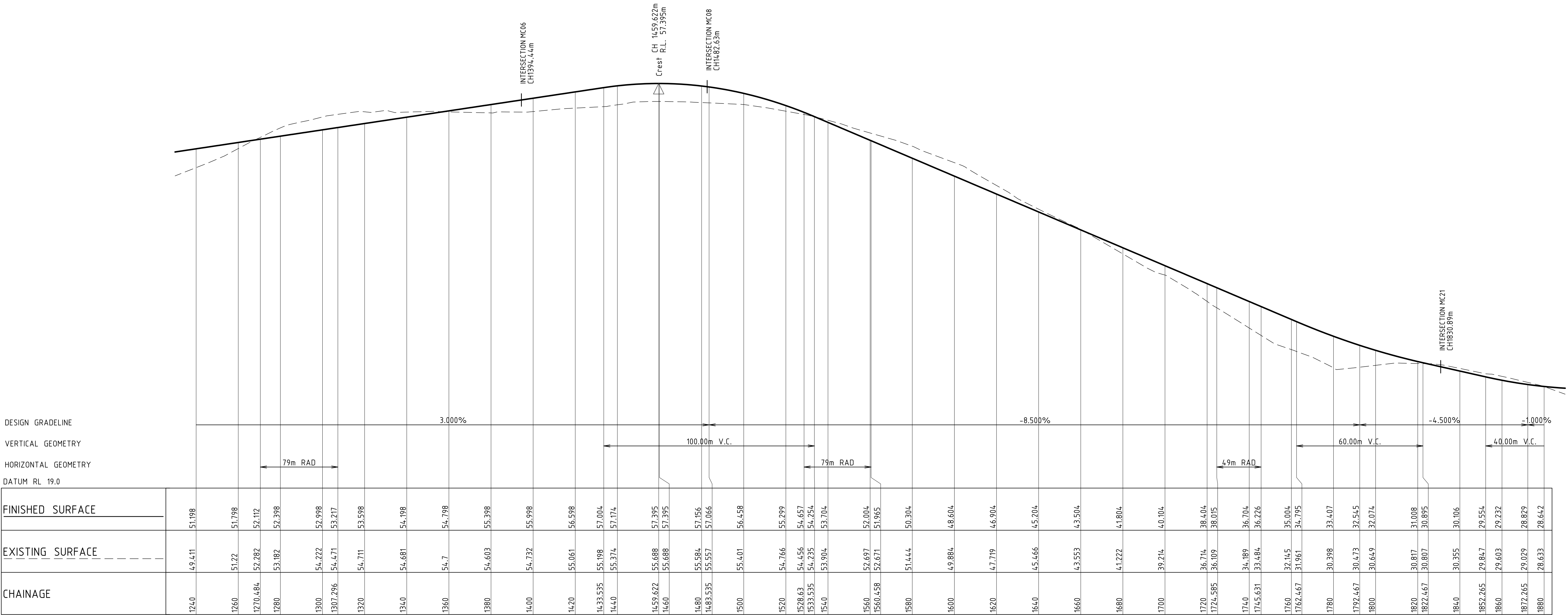
MP-C05.32

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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PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320
MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE
ROAD LONGITUDINAL SECTIONS -
SHEET 3

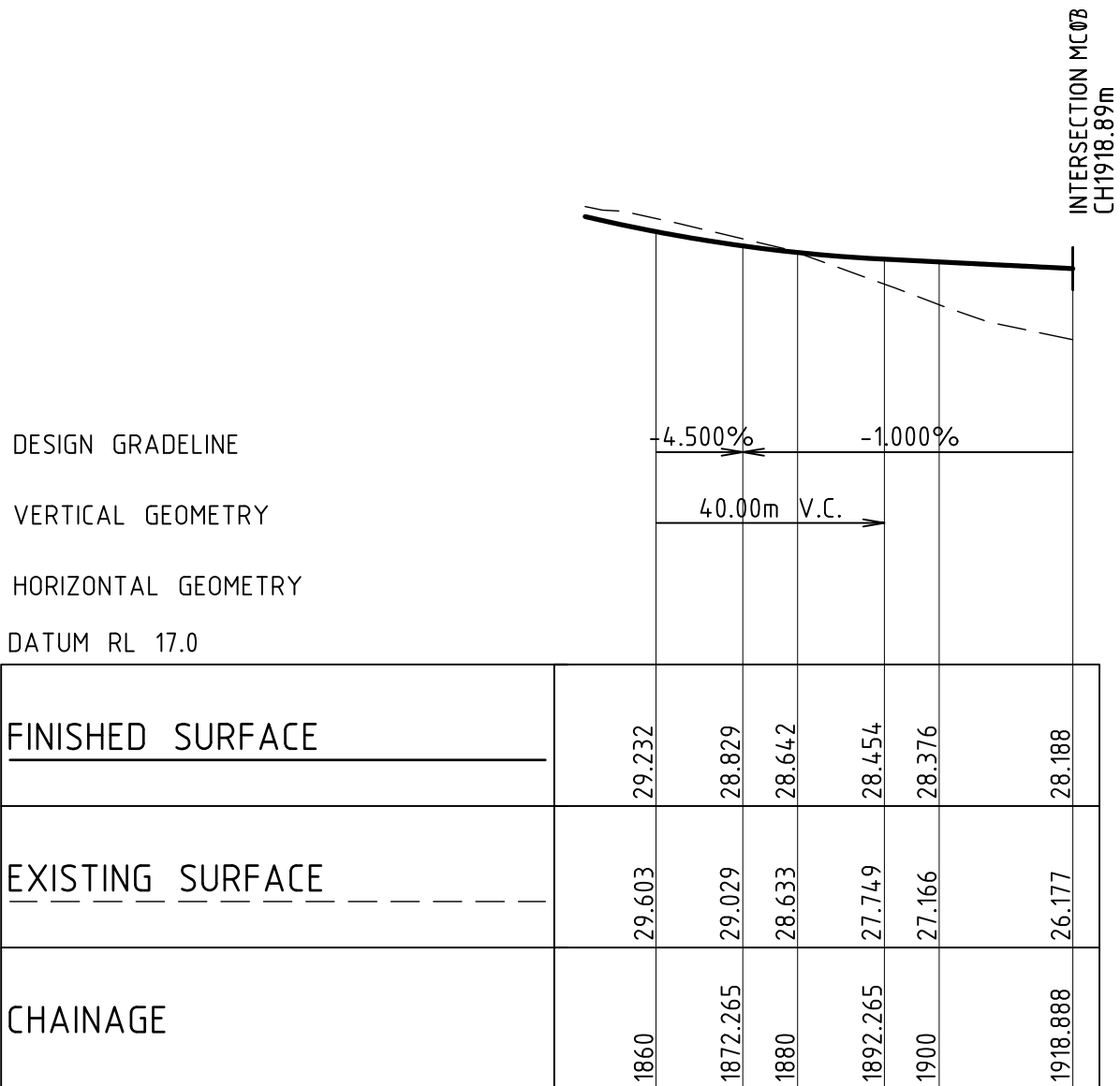
JOB NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.33

REVISION
E

DRAWING SHEET SIZE = A1

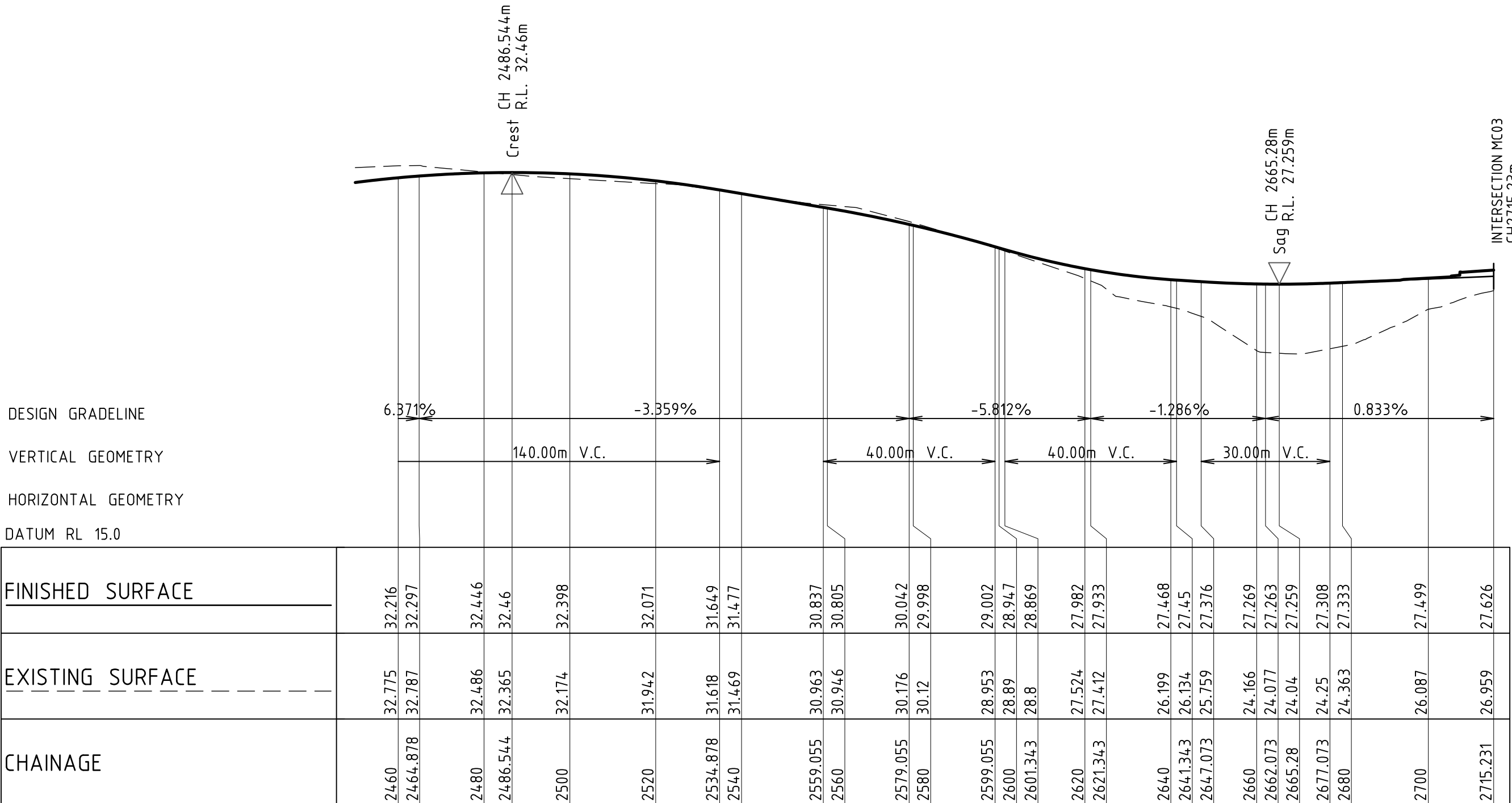
DESIGNED: A.KILLEN VERIFIED: L.MCRAE JOB MANAGER: L.MCRAE DRAWN: J.STAUB



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



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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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559 ANAMBAH ROAD
GOSFORTH NSW 2320
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DRAWING TITLE

CIVIL ENGINEERING PACKAGE
ROAD LONGITUDINAL SECTIONS -
SHEET 4

JOB NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.34

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 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	28.093
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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DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 5

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C05.35

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E

DRAWING SHEET SIZE = A1



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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

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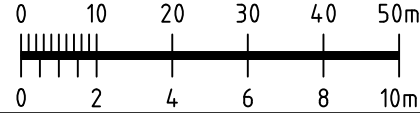
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SCALE 1:1000 @ A1
SCALE 1:200 @ A1




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PROJECT

PROPOSED SUBDIVISION
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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

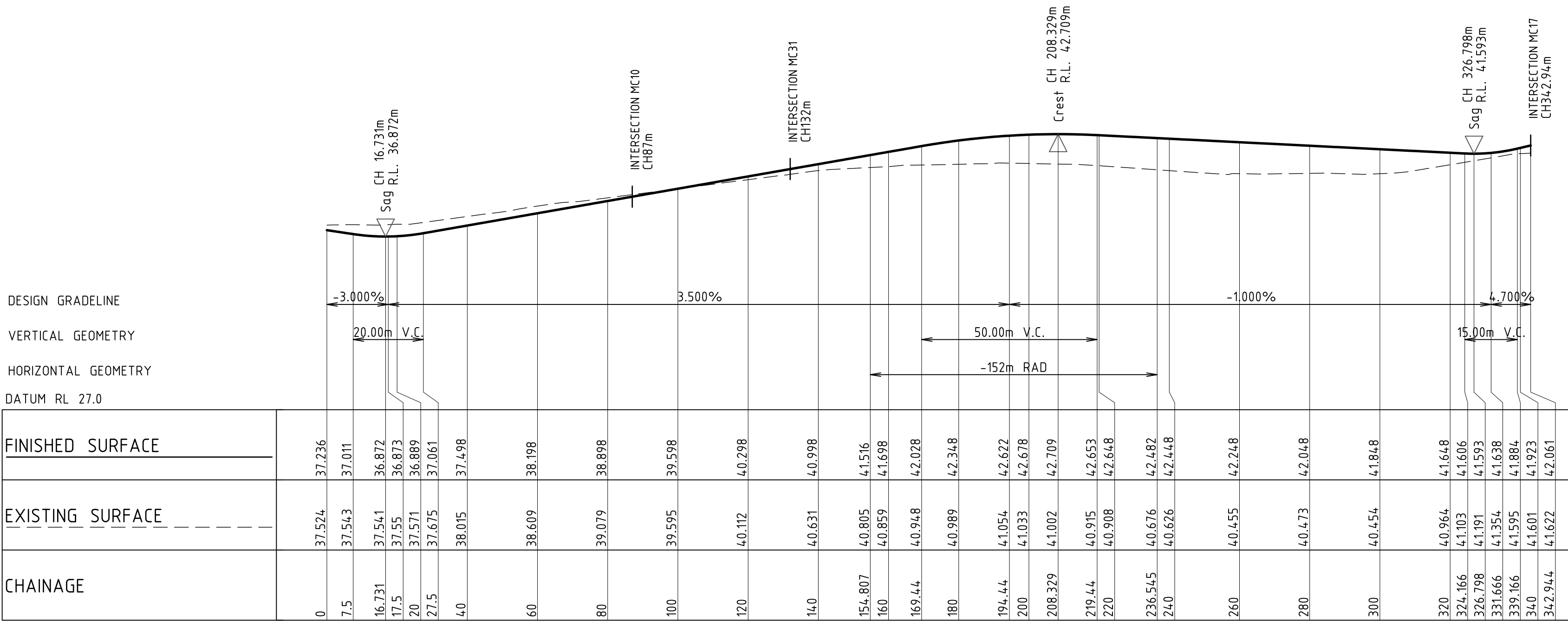
E

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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PROJECT

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

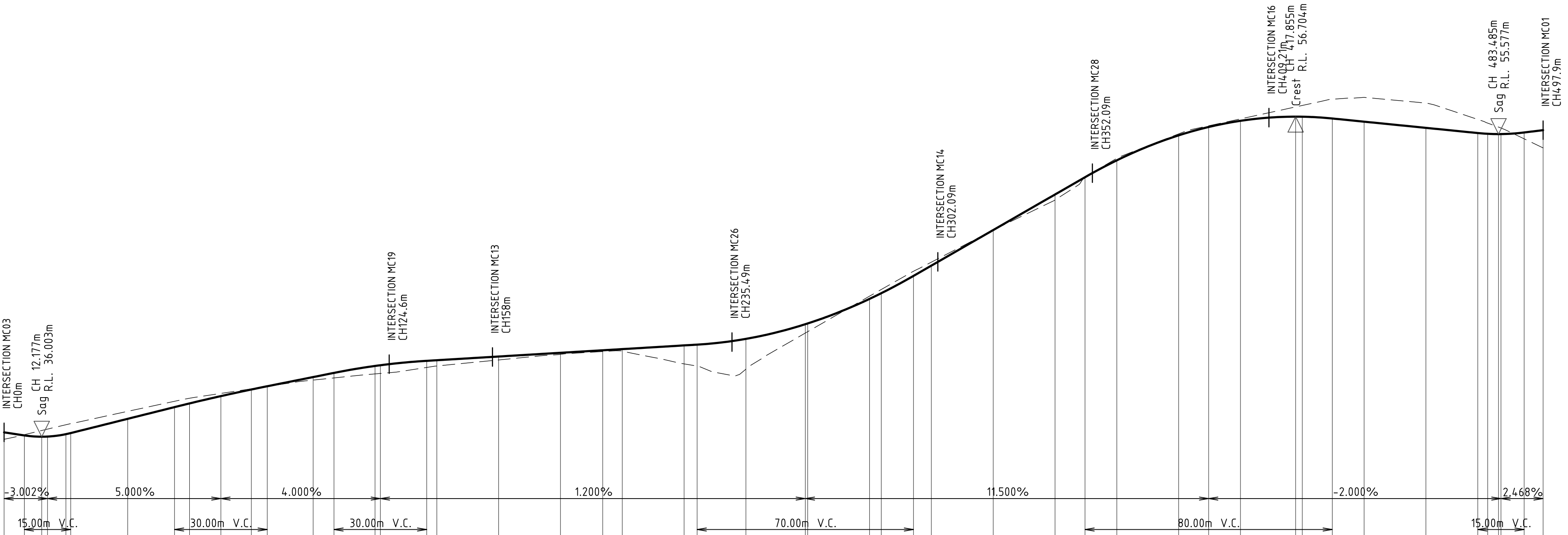
E

DRAWING SHEET SIZE = A1

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

DESIGN GRADELINE
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY
DATUM RL 26.0

FINISHED SURFACE	
EXISTING SURFACE	---
CHAINAGE	
0	35.835 36.284
6.55	36.134 36.087
12.177	36.405 36.003
14.05	36.495 36.012
20	36.776 36.166
21.55	36.849 36.237
4.0	37.645 37.16
55.141	38.294 37.917
60	38.492 38.156
70.141	38.803 38.629
80	39.101 39.057
85.141	39.257 39.267
100	39.666 39.861
106.729	39.805 40.13
120	40.065 40.579
121.729	40.094 40.625
136.729	40.483 40.91
140	40.577 40.949
160	40.969 41.189
180	41.33 41.429
193.674	41.51 41.593
200	41.535 41.669
220	40.711 41.909
224.222	40.566 41.96
240	40.371 42.333
259.222	42.708 43.281
260	42.798 43.331
280	45.093 44.918
283.783	45.523 45.285
294.222	46.704 46.405
300	47.294 47.07
320	49.37 49.37
340	51.315 51.67
349.707	52.802 52.786
360	54.011 53.88
380	55.59 55.495
389.707	56.113 56.036
400	56.56 56.435
417.855	57.335 56.704
420	57.428 56.7
429.707	57.829 56.586
440	57.952 56.38
460	57.583 55.98
476.771	56.525 55.645
480	56.285 55.595
483.485	56.032 55.577
484.271	55.973 55.578
491.771	55.271 55.68
497.904	54.683 55.831



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 1:1000@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 8**

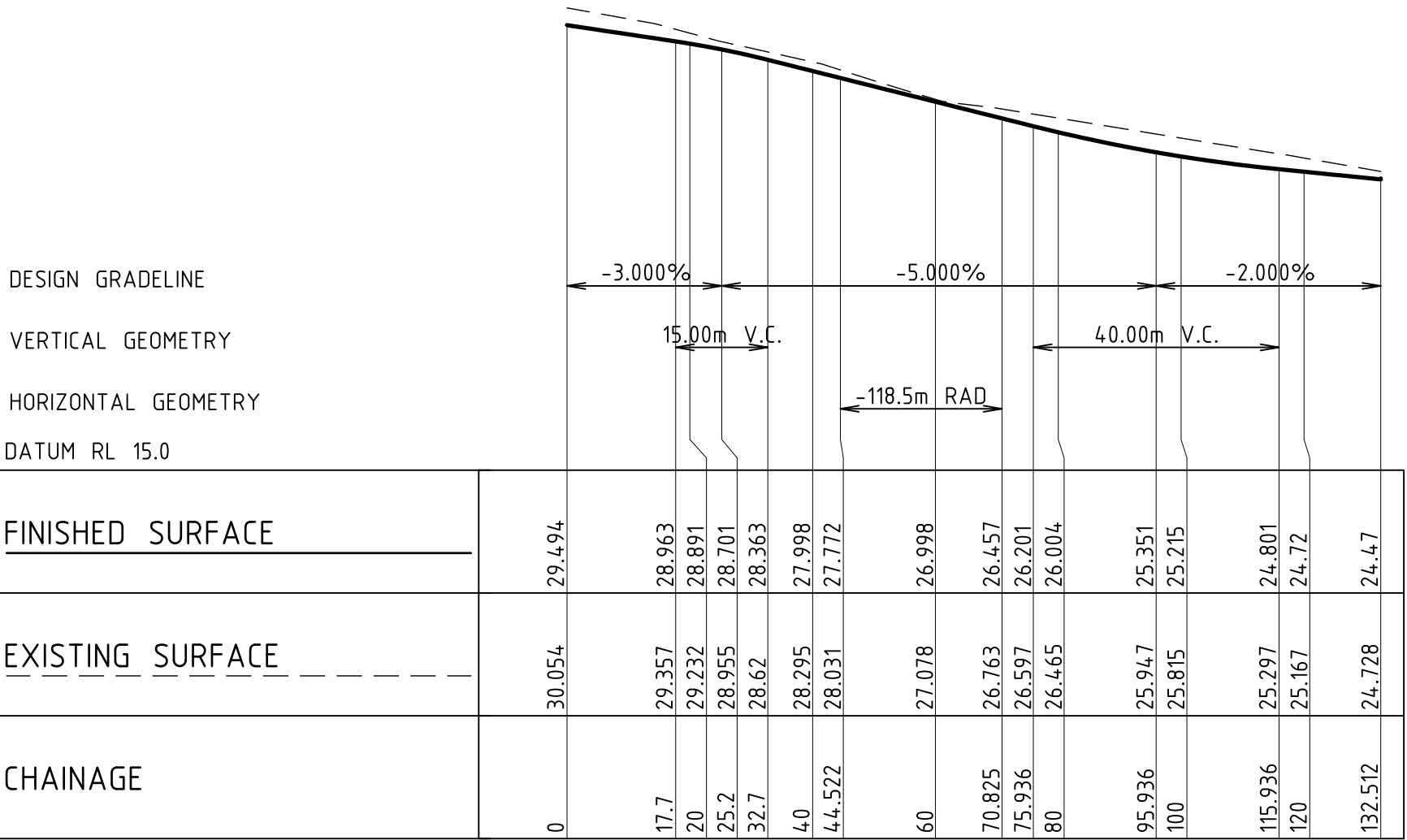
JOB NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.38

REVISION
E

DRAWING SHEET SIZE = A1

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



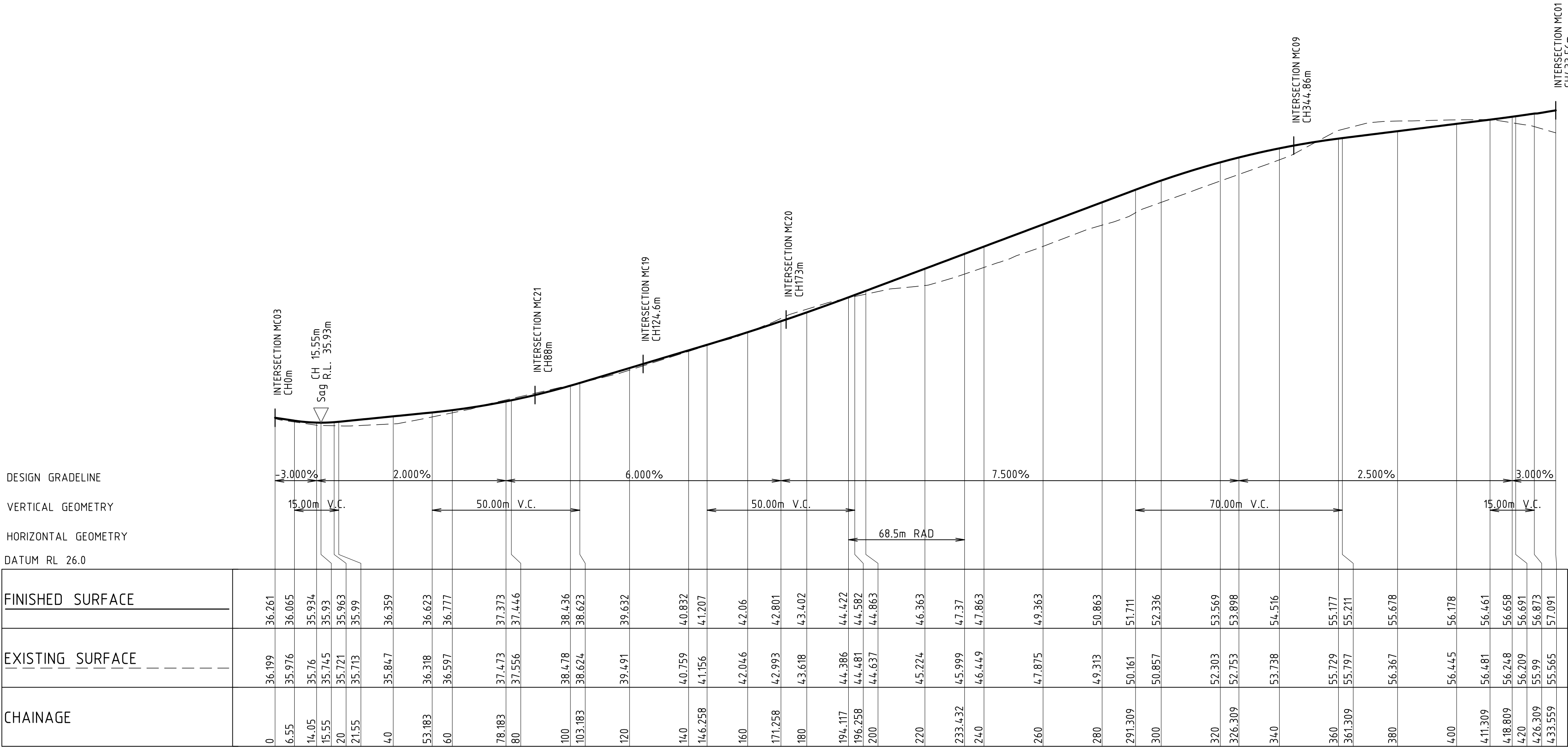
LONGITUDINAL SECTION ALONG MC07
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	COUNCIL	SCALE 1:1000 @ A1	SCALE 1:200 @ A1	PROJECT	DRAWING TITLE	DRAWING NUMBER	REVISION
A	DRAFT ISSUE	JS	-	AK	09.08.24	Third.i COMMUNITIES DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED	m maitland city council THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD	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.	NORTHROP 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 9	NL222055-01 MP-C05.39 DRAWING SHEET SIZE = A1	E
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								

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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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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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
**ROAD LONGITUDINAL SECTIONS -
SHEET 10**

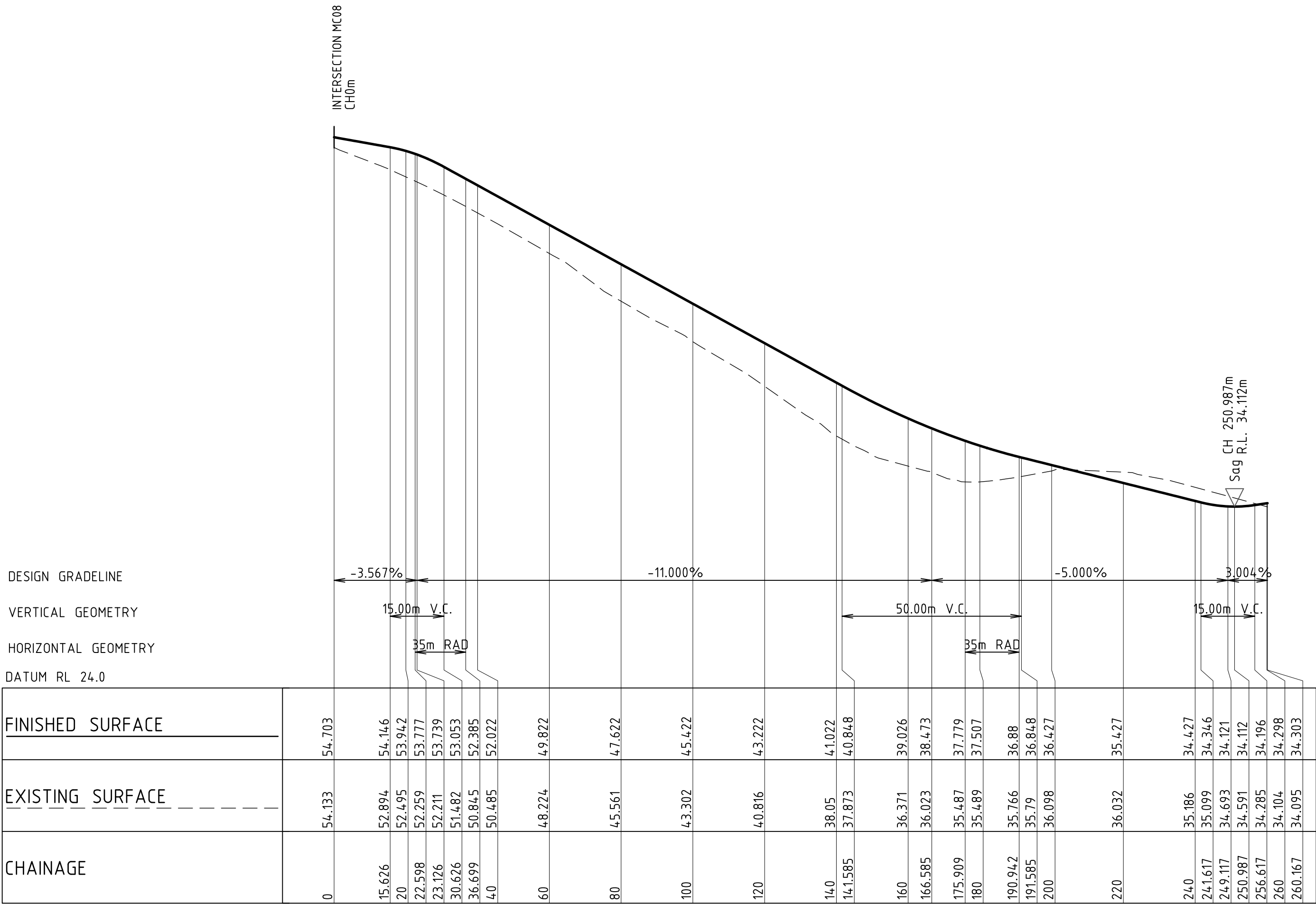
JOB NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.40

REVISION
E

DRAWING SHEET SIZE = A1

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



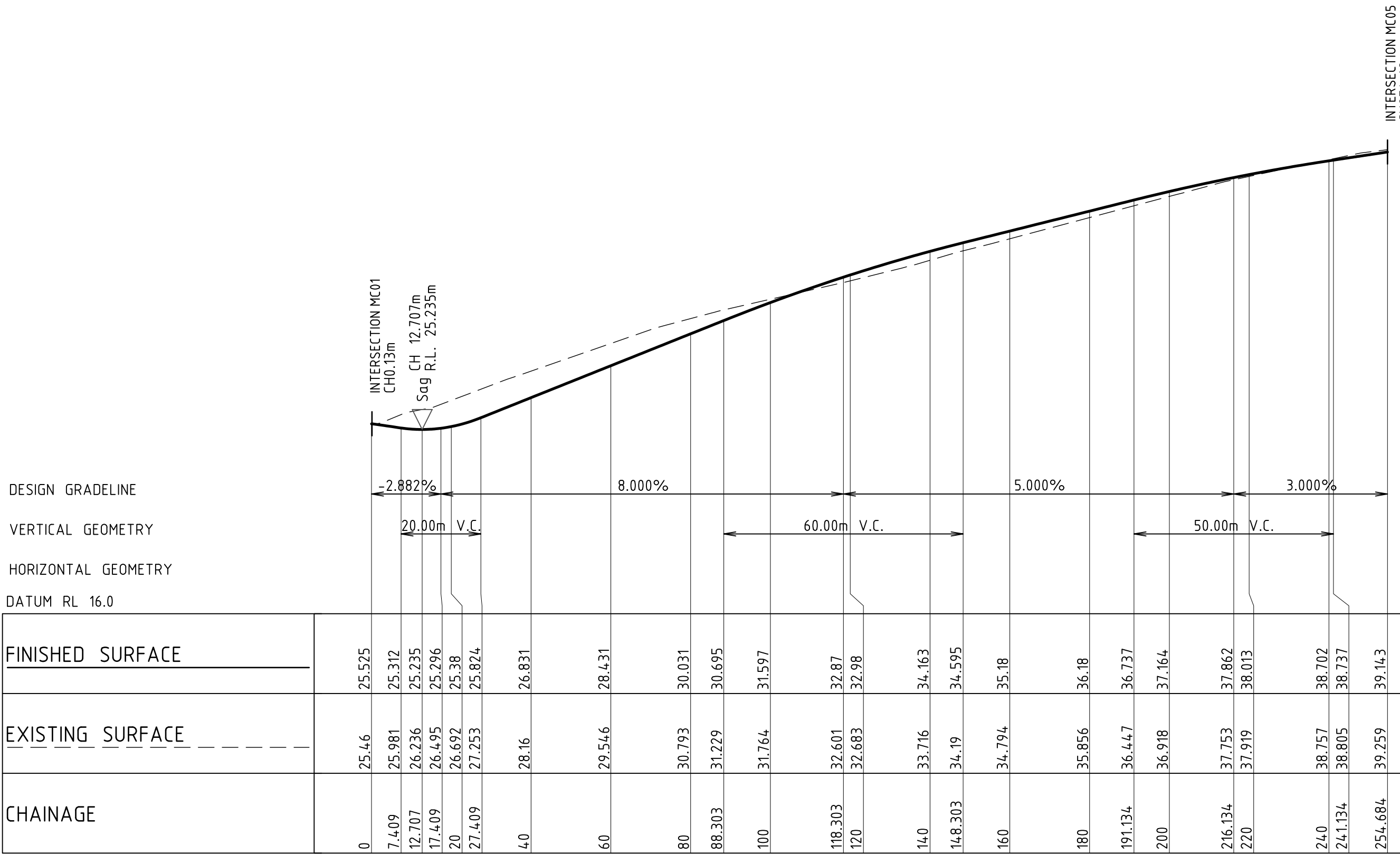
LONGITUDINAL SECTION ALONG MC09
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	COUNCIL	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	NORTHROP 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						
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-C05.41	REVISION E	
									DRAWING SHEET SIZE = A1		

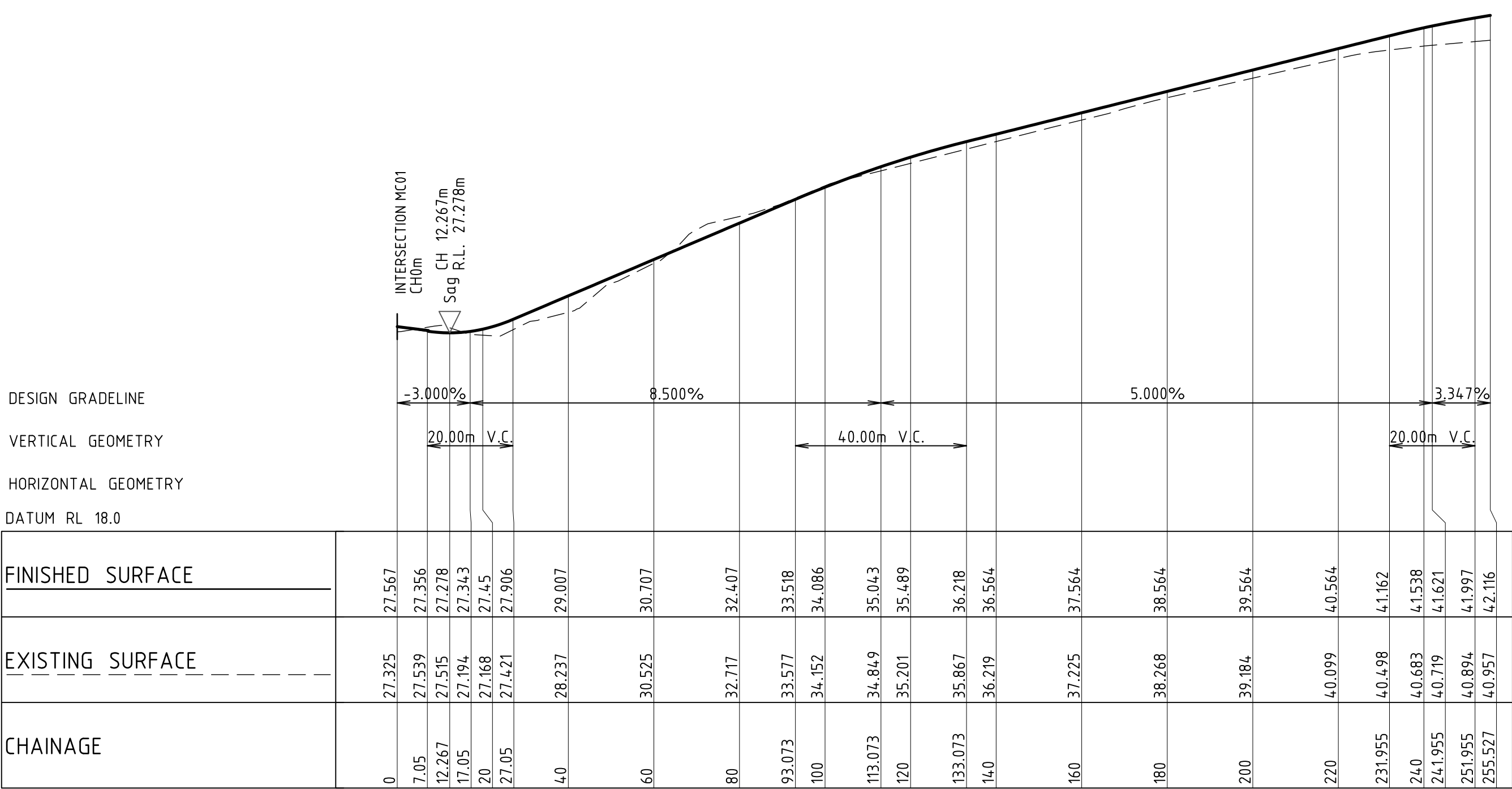
DESIGNED: A.KILLEN DRAWN: J.STAUB VERIFIER: L.MCRAE JOB MANAGER: L.MCRAE



LONGITUDINAL SECTION ALONG MC10

HORIZONTAL SCALE 1:1000@A1

VERTICAL SCALE 1:200@A1



LONGITUDINAL SECTION ALONG MC11

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
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SCALE 1:1000@A1

SCALE 1:200@A1

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

ROAD LONGITUDINAL SECTIONS -
SHEET 12

JOB NUMBER

NL222055-01

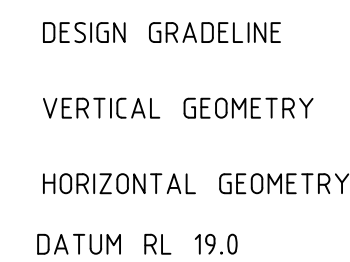
DRAWING NUMBER

MP-C05.42

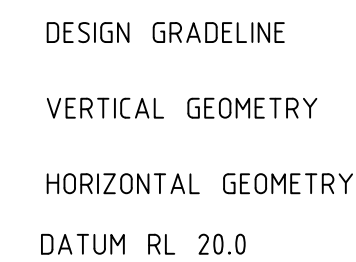
REVISION

E

DRAWING SHEET SIZE = A1



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



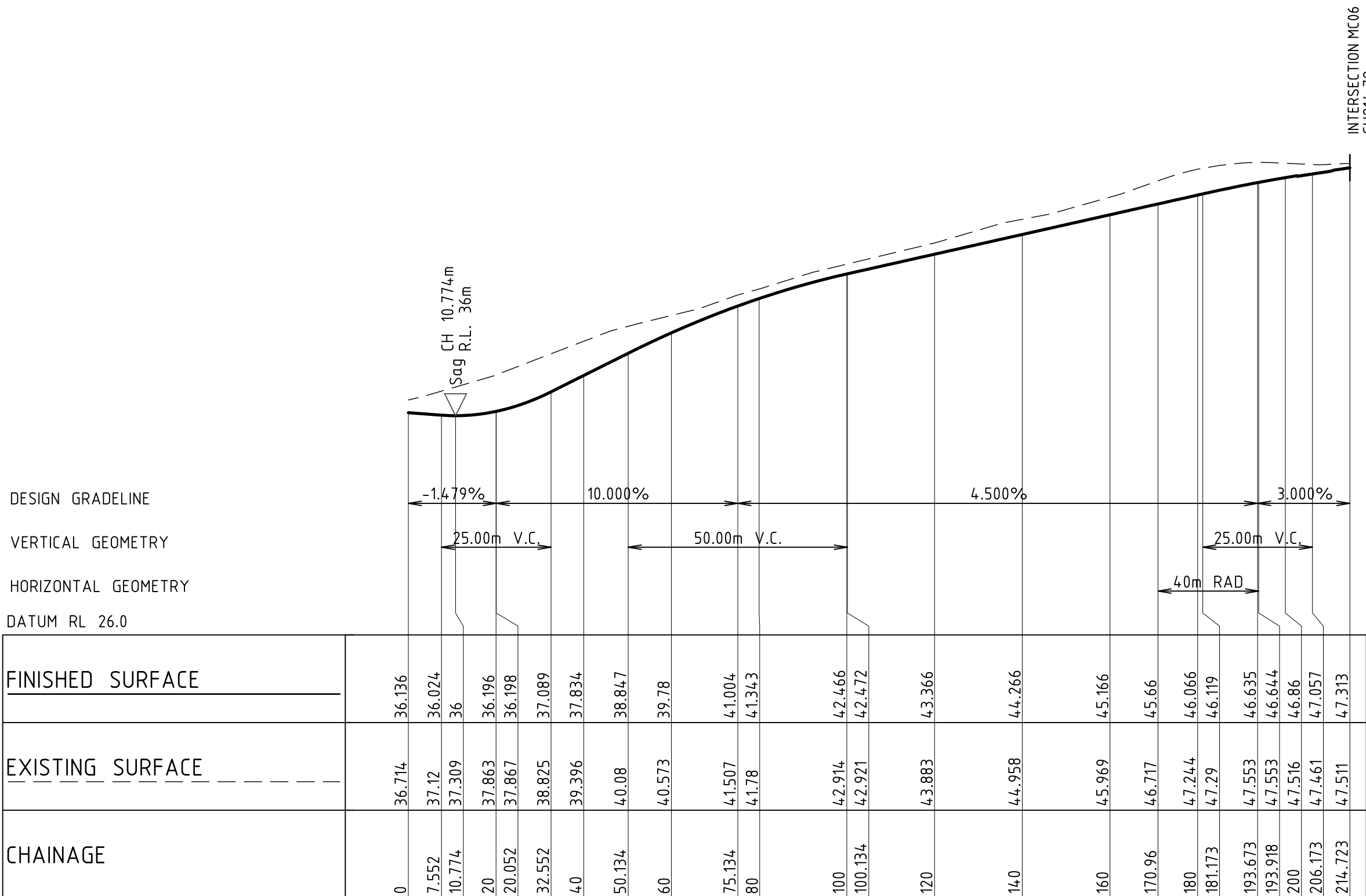
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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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	 Newcastle Level 1, 215 Pacific Hwy, Charlestown NSW 2290 Ph (02) 4943 1777 Email northrop@northrop.com.au ABN 81 094 433 100	0 10 20 30 40 50m 0 1 2 3 4 5 6 7 8 9 10m SCALE 1:1000 @ A1 SCALE 1:200 @ A1	PROPOSED SUBDIVISION 559 ANAMBAH ROAD GOSFORTH NSW 2320 MASTERPLAN DA	CIVIL ENGINEERING PACKAGE ROAD LONGITUDINAL SECTIONS - SHEET 13	NL222055-01	
B	DRAFT ISSUE	JS	-	AK	15.08.24							DRAWING NUMBER	REVISION
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24							MP-C05.43	E
D	DRAFT ISSUE	JS	-	AK	23.05.25							DRAWING SHEET SIZE = A1	
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25								

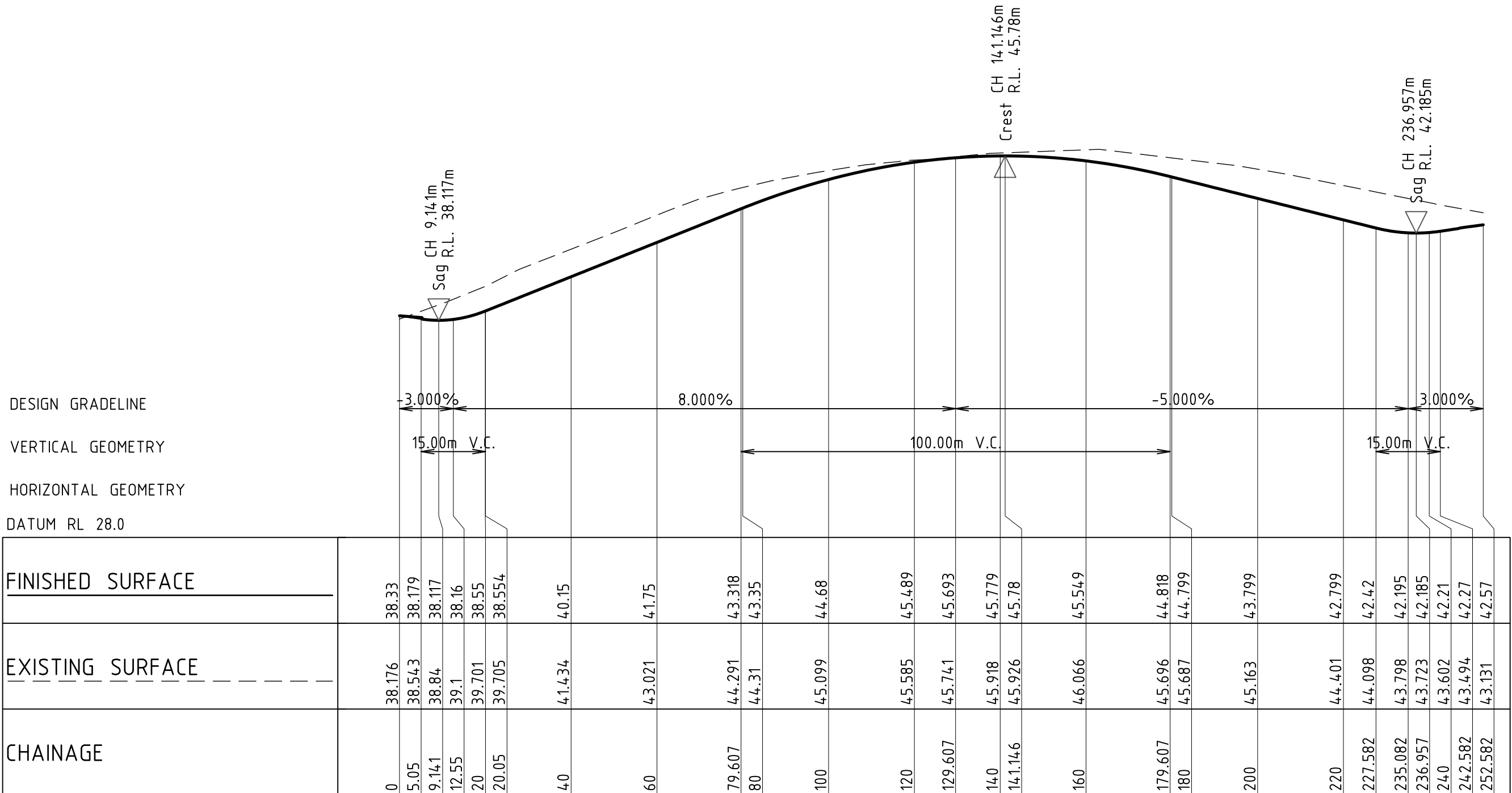
DESIGNED: A.KILLEN DRAWN: J.STAUB VERIFIER: L.MCRAE JOB MANAGER: L.MCRAE



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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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
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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 14

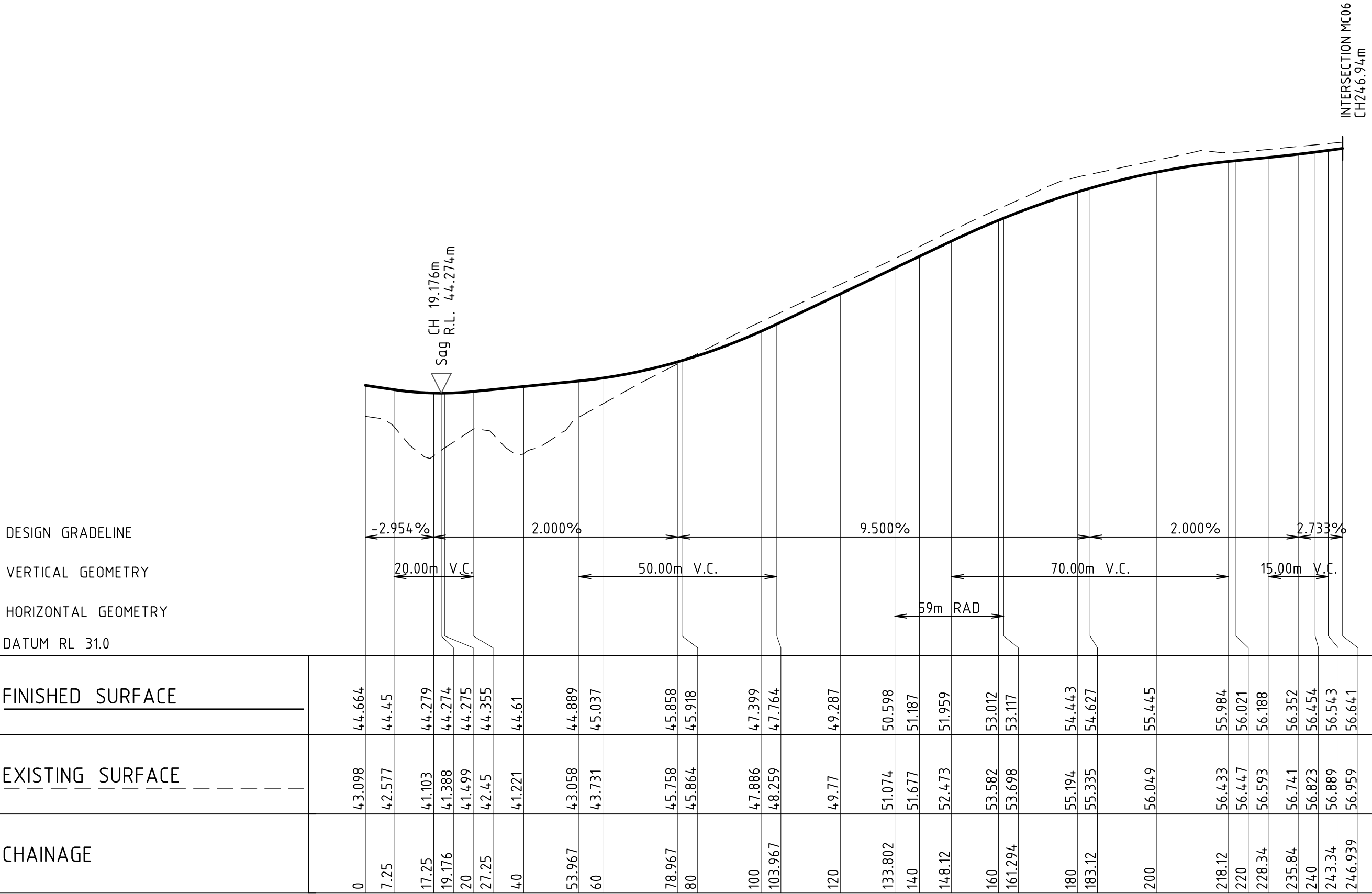
DRAWING NUMBER
NL222055-01

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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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	
CHAINAGE	12.114	33.604	32.548	
	14.5	33.689	32.565	
	20	33.82	32.731	
	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	
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	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	
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	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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A	DRAFT ISSUE	JS	-	AK	09.08.24
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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 1:200@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 16

JOB NUMBER

NL222055-01

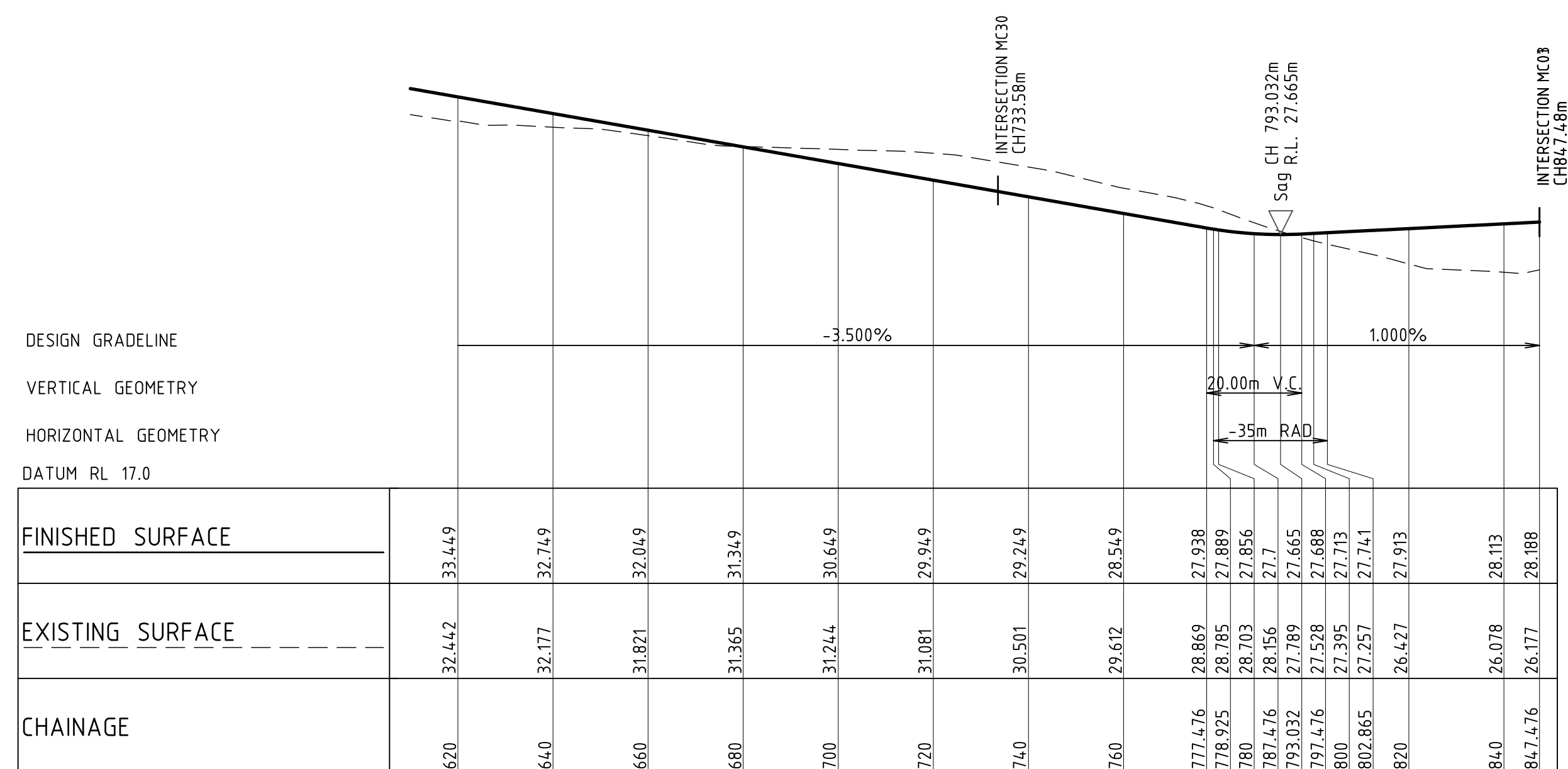
DRAWING NUMBER

MP-C05.46

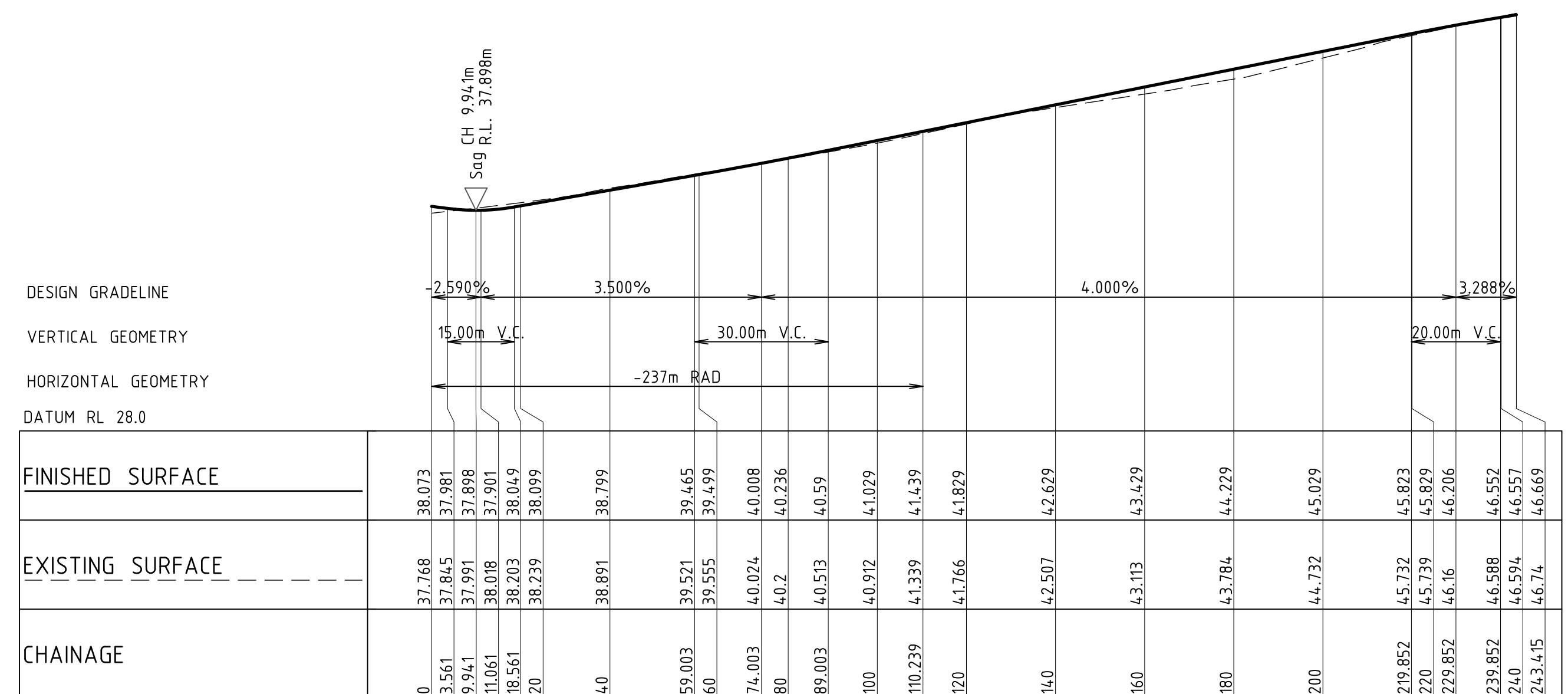
REVISION

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DRAWING SHEET SIZE = A1



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



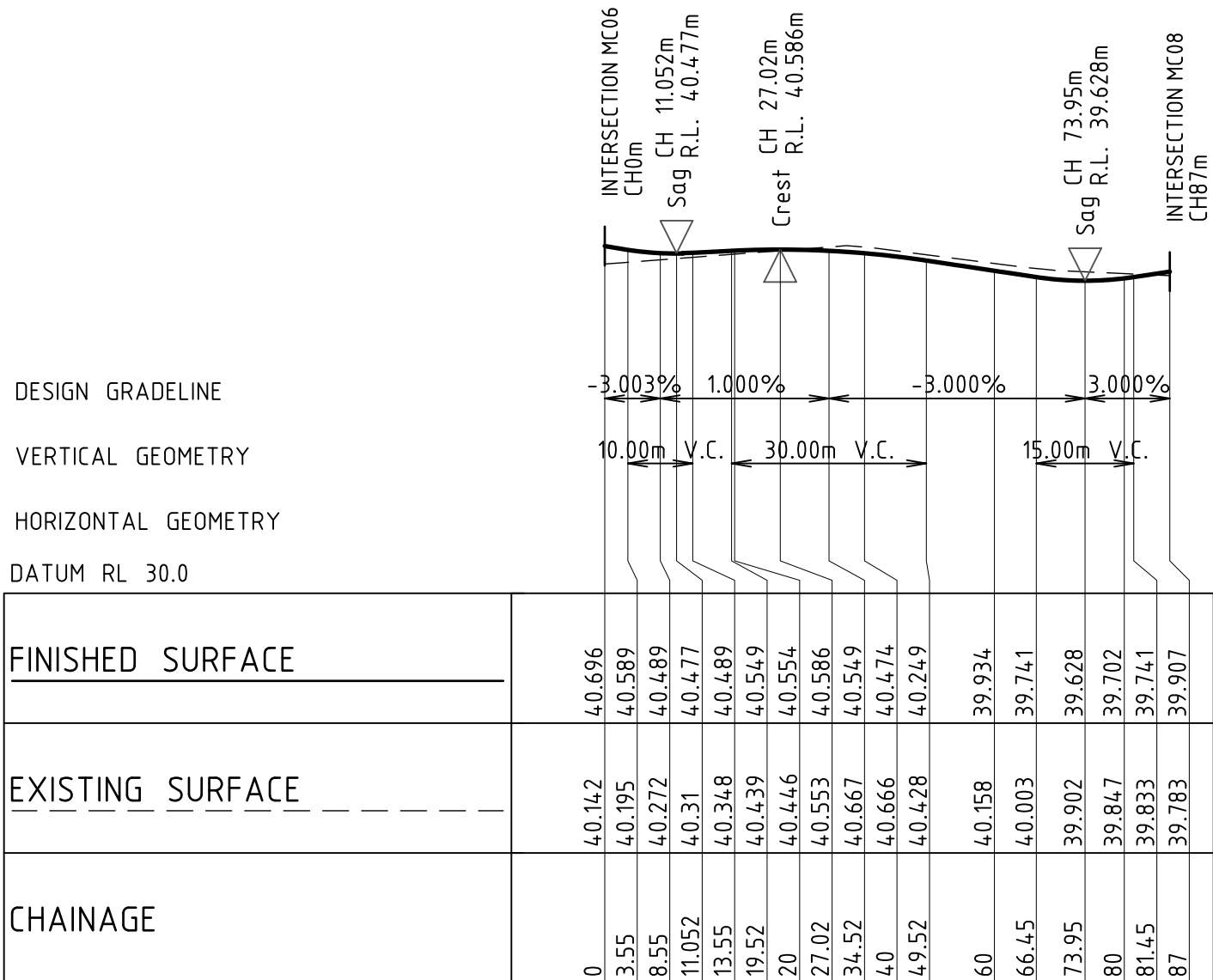
LONGITUDINAL SECTION ALONG MC18
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



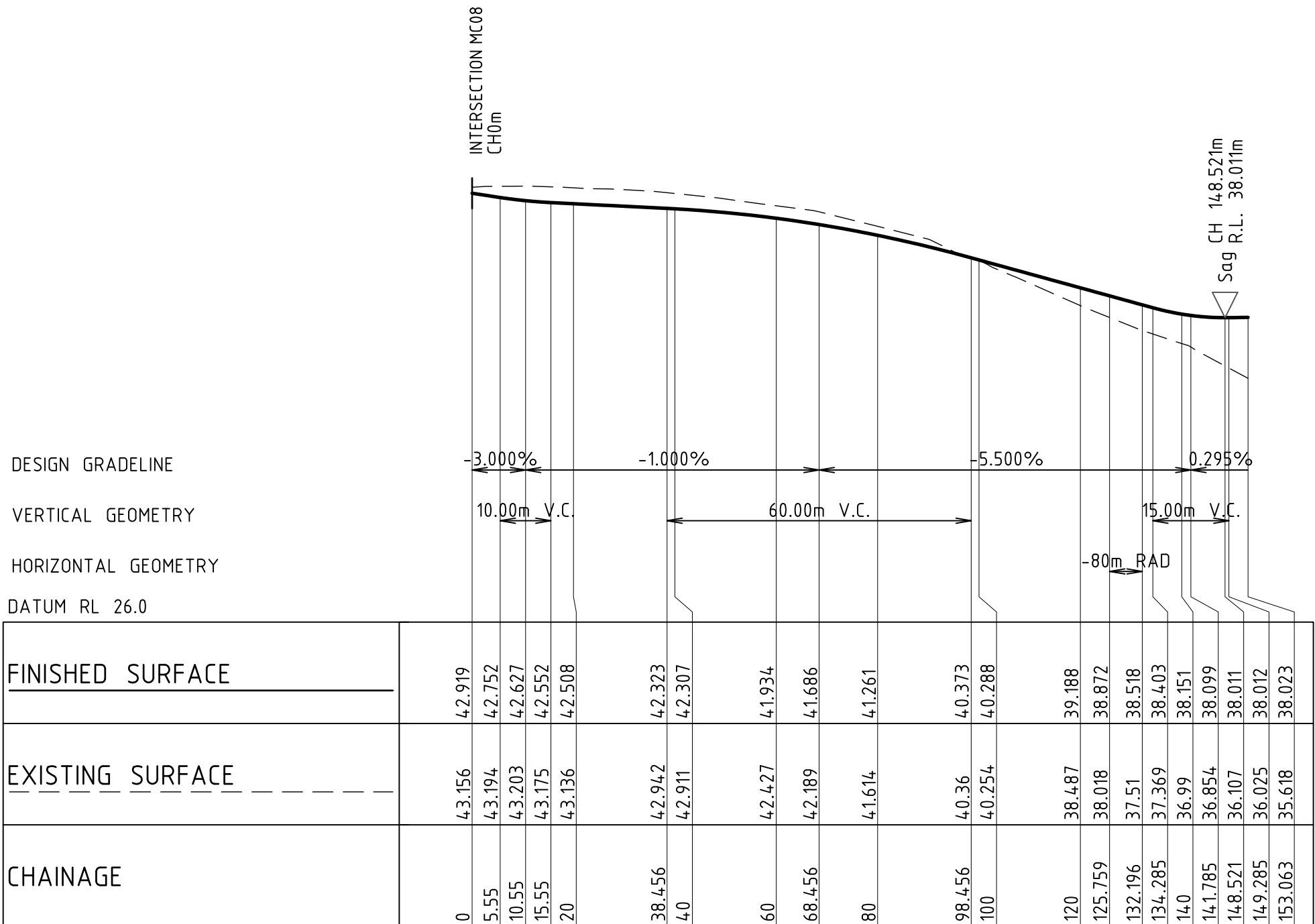
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A	DRAFT ISSUE	JS	-	AK	09.08.24	Third.i COMMUNITIES	maitland city council	Newcastle Level 1, 215 Pacific Hwy, Charlestown NSW 2290 Ph (02) 4943 1777 Email northrop@northrop.com.au ABN 81 094 433 100	0 10 20 30 40 50m SCALE 1:1000 @ A1 0 2 4 6 8 10m SCALE 1:200 @ A1	PROPOSED SUBDIVISION 559 ANAMBAH ROAD GOSFORTH NSW 2320	CIVIL ENGINEERING PACKAGE ROAD LONGITUDINAL SECTIONS - SHEET 17	MASTERPLAN DA	NL222055-01	DRAWING NUMBER MP-C05.47	REVISION E
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										
						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		DRAWING SHEET SIZE = A1						

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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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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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 18**

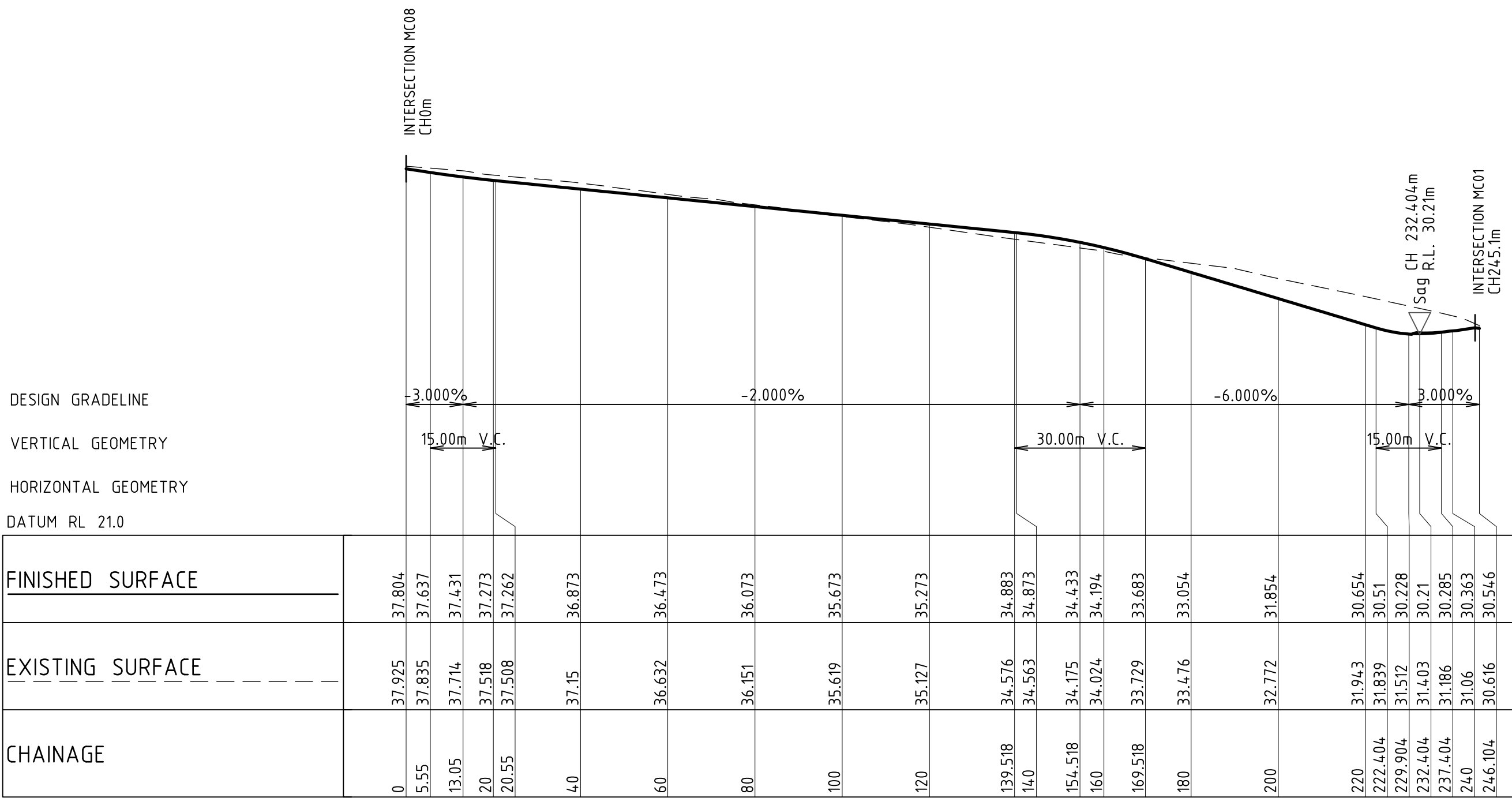
JOB NUMBER
NL222055-01

DRAWING NUMBER
MP-C05.48

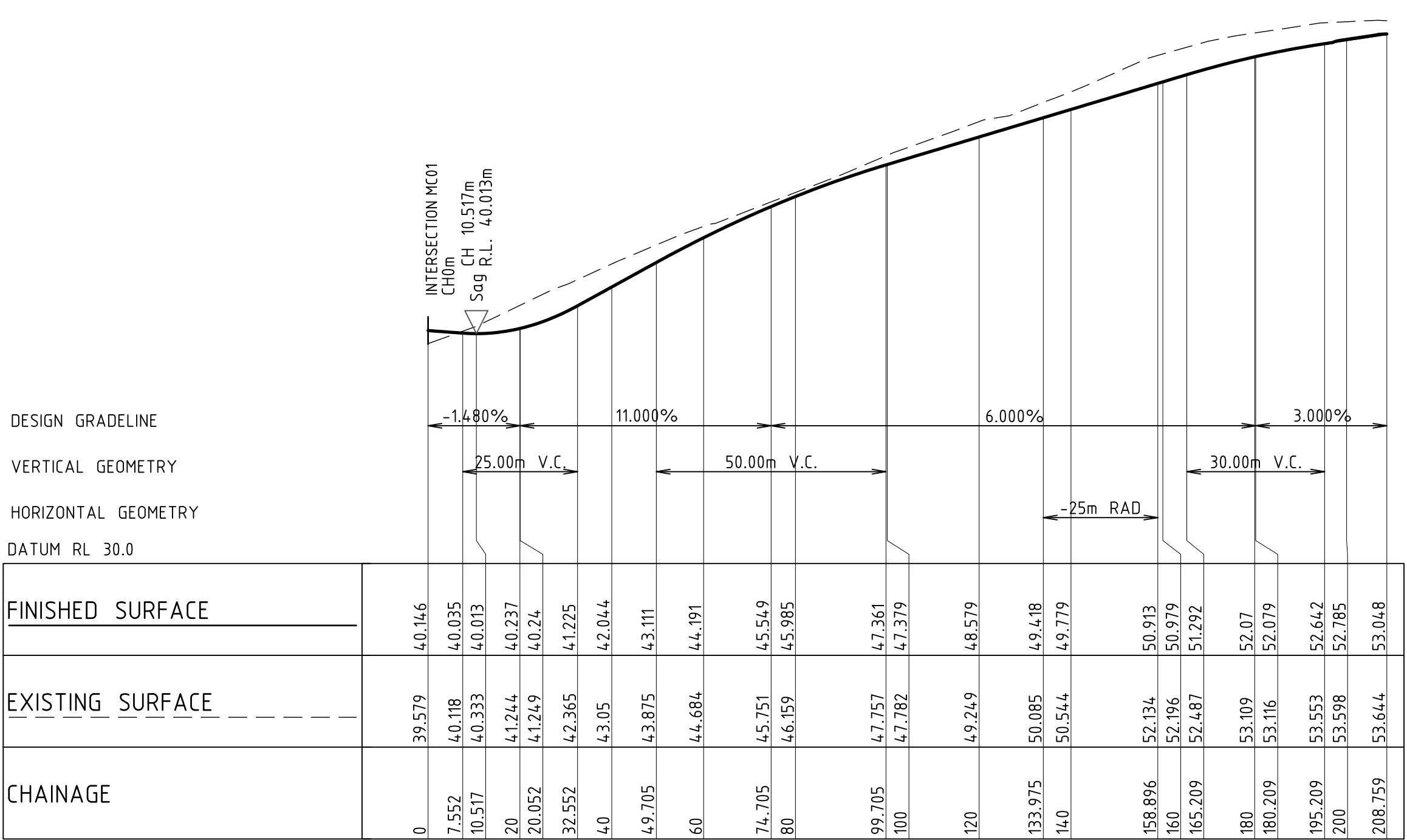
REVISION
E

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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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

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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 19

DRAWING NUMBER

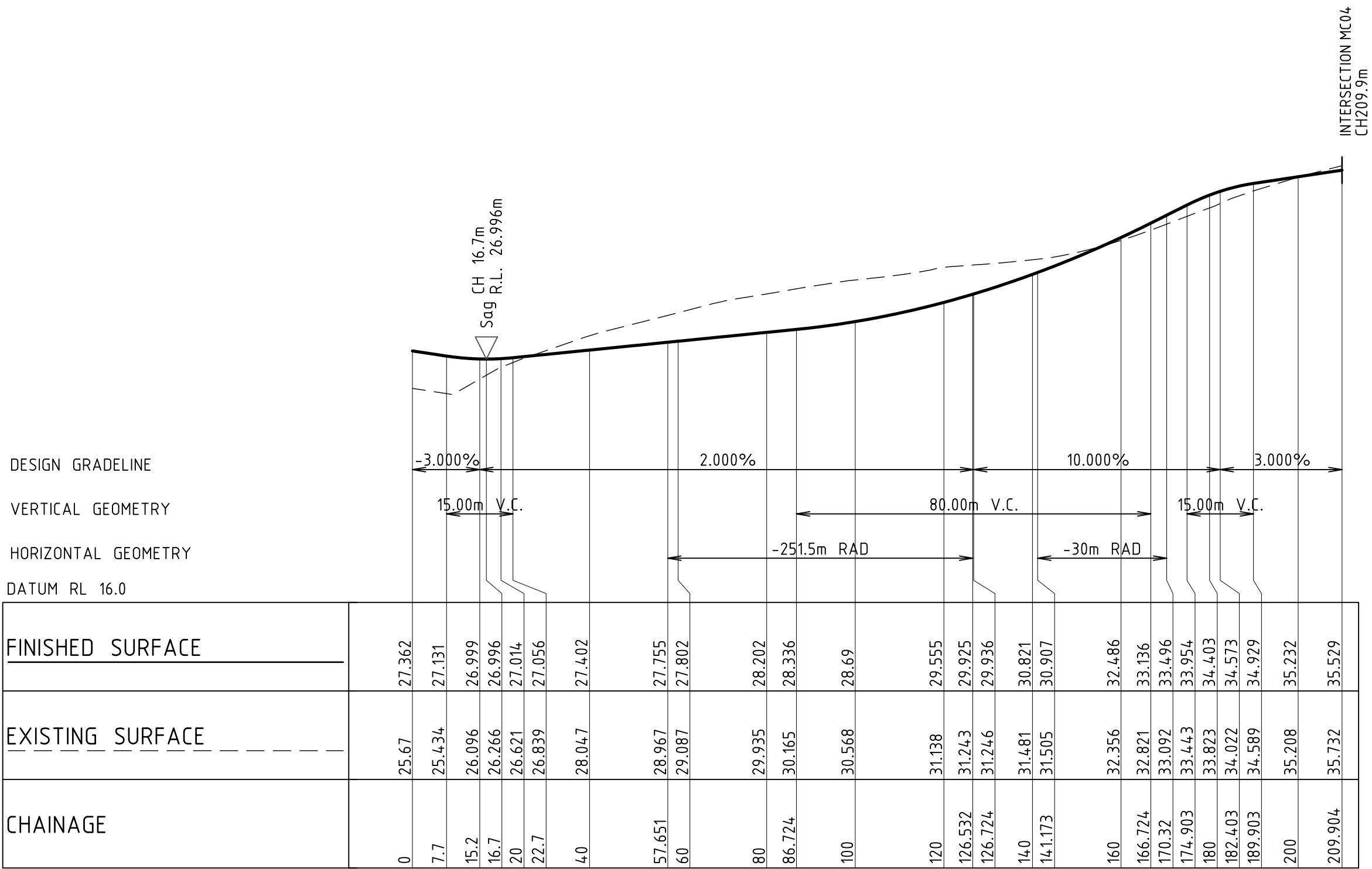
MP-C05.49

REVISION

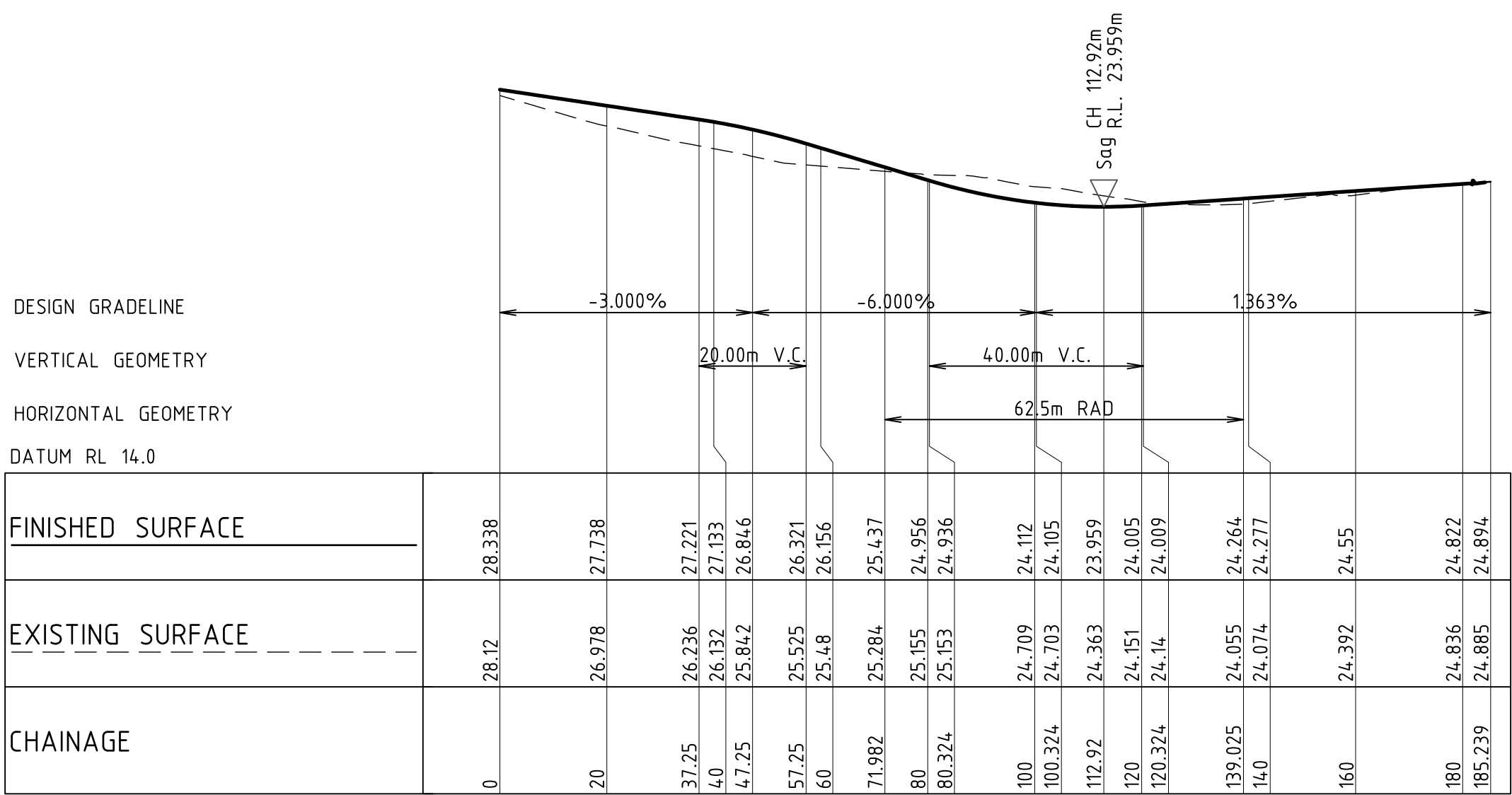
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DRAWING SHEET SIZE = A1

DESIGNED: A.KILLEN DRAWN: J.STAUB VERIFIER: L.MCRAE JOB MANAGER: 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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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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559 ANAMBAH ROAD
GOSFORTH NSW 2320

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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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A	DRAFT ISSUE	JS	-	AK	09.08.24
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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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PROJECT

PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS -
SHEET 21

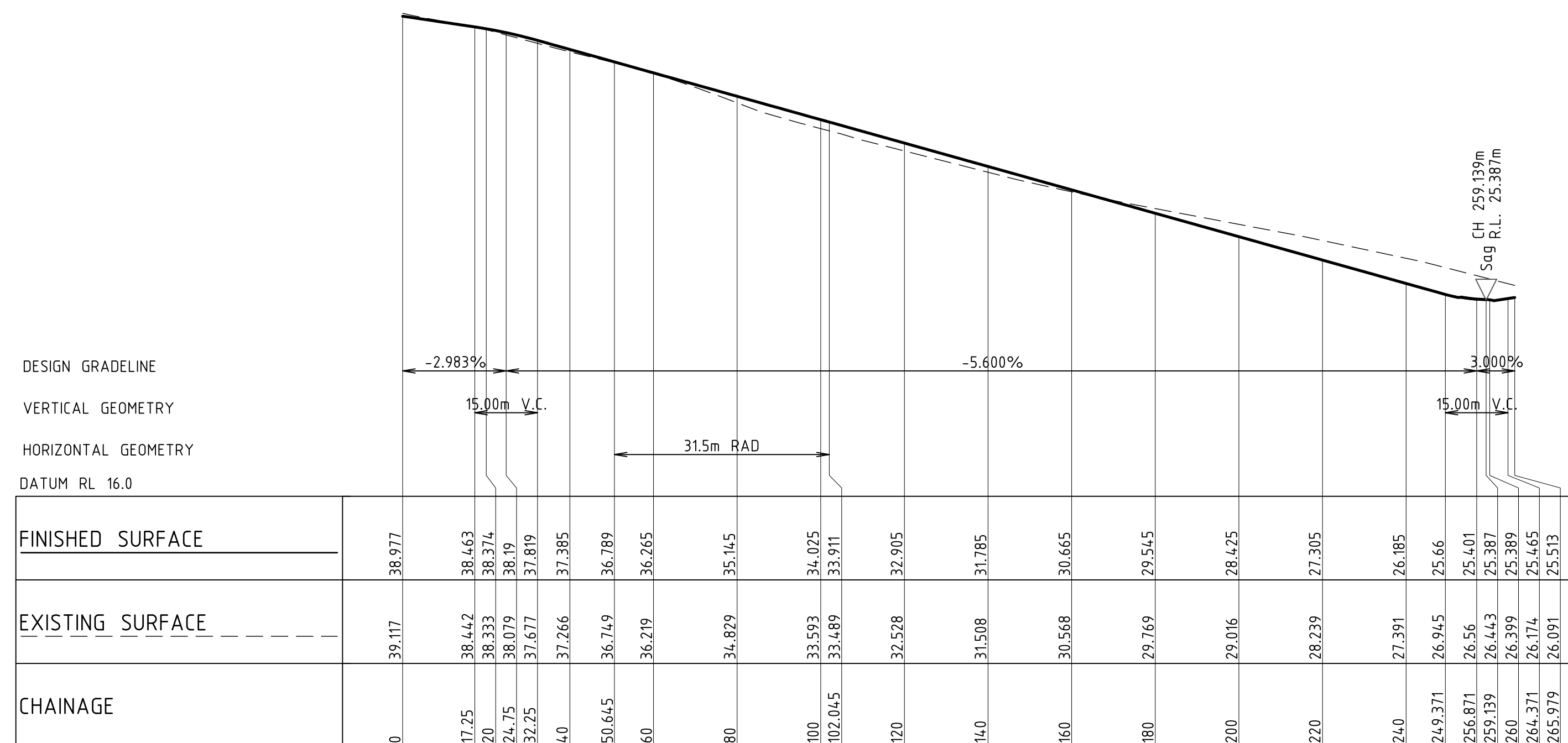
DRAWING NUMBER
NL222055-01

DRAWING SHEET SIZE = A1

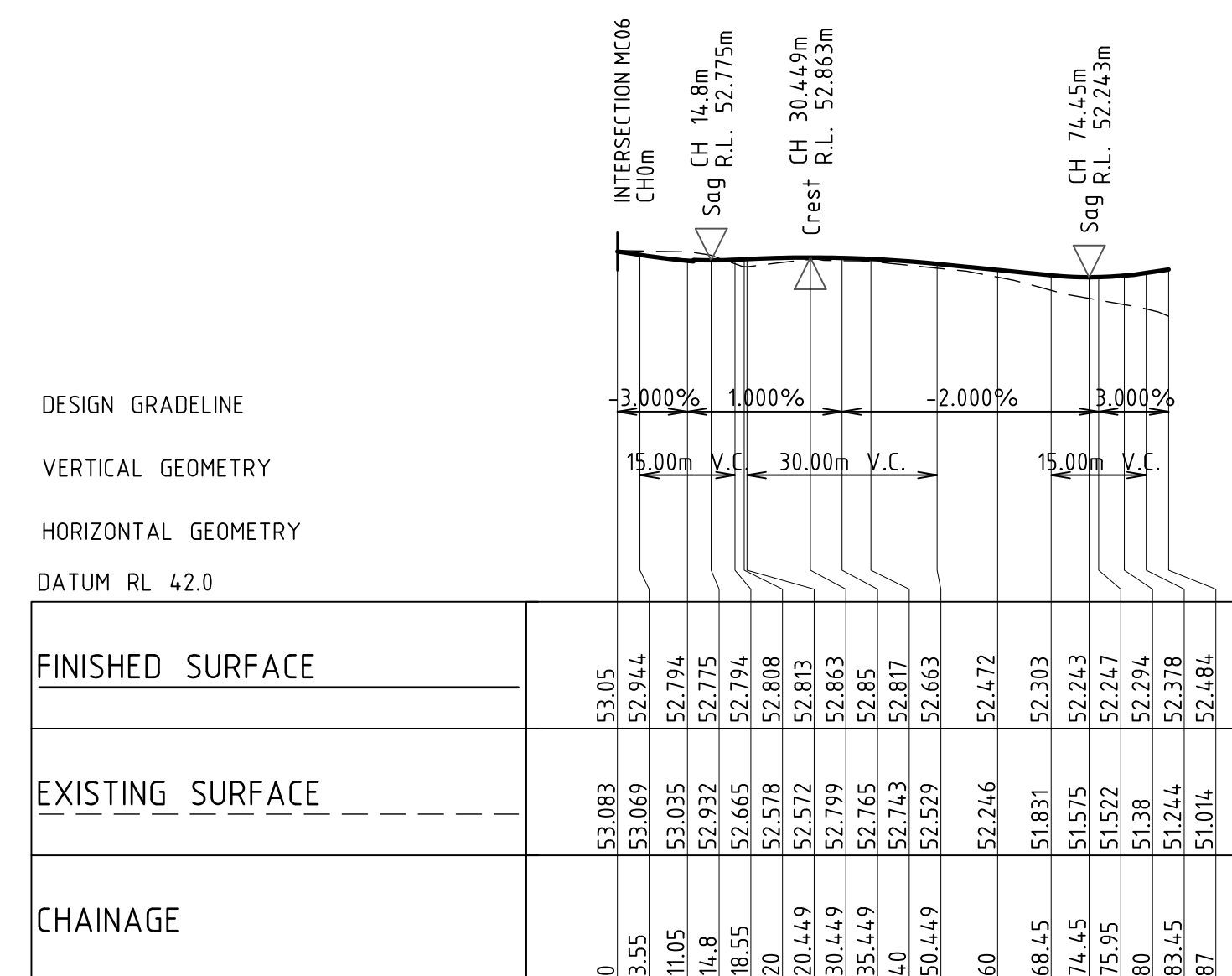
DRAWING NUMBER
MP-C05.51

REVISION
E

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



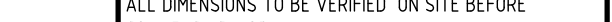
LONGITUDINAL SECTION ALONG MC27
HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1



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

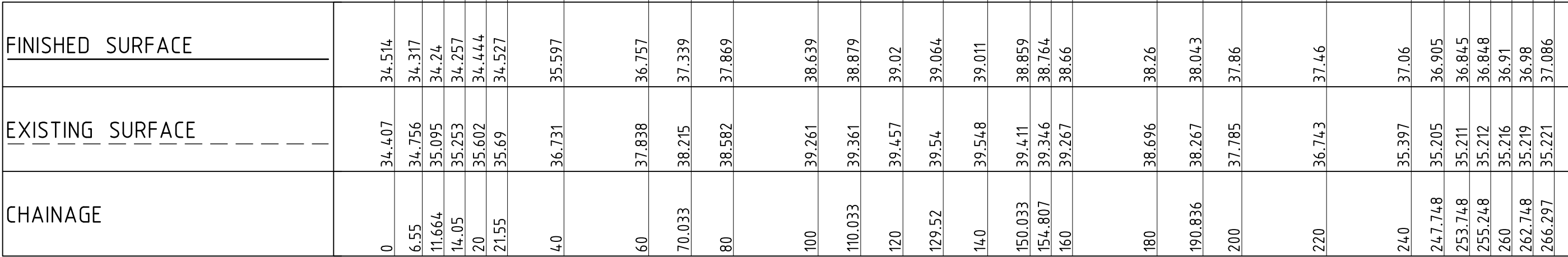


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B	DRAFT ISSUE	JS	-	AK	15.08.24						
C	ISSUED FOR APPROVAL	JS	LM	AK	22.08.24						
D	DRAFT ISSUE	JS	-	AK	23.05.25						
E	ISSUED FOR APPROVAL	JS	LM	AK	30.05.25						
										DRAWING NUMBER MP-C05.52	REVISION E
											DRAWING SHEET SIZE = A1

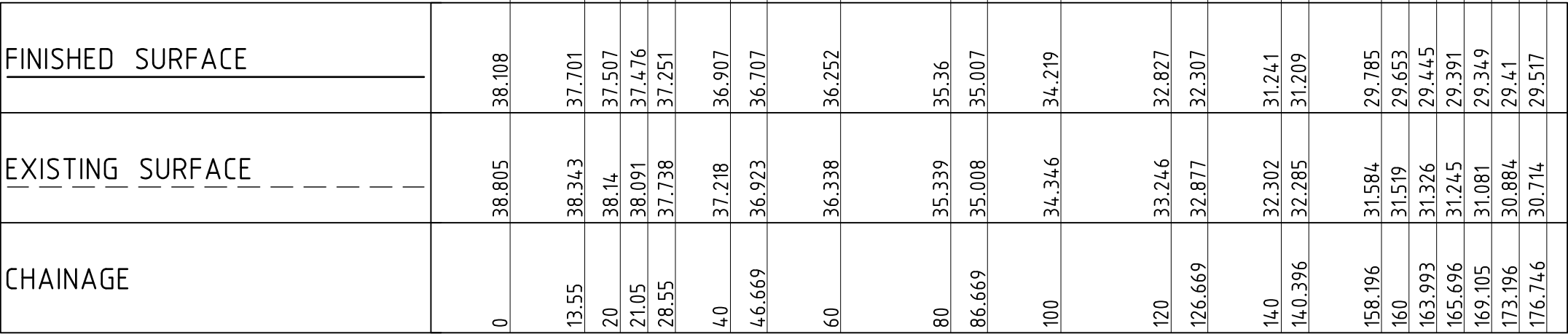
DESIGNED: A.KILLEN VERIFIER: L.MCRAE
JOB MANAGER: L.MCRAE
DRAWN: J.STAUB

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
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 1:1000 @ 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 -
SHEET 23

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C05.53

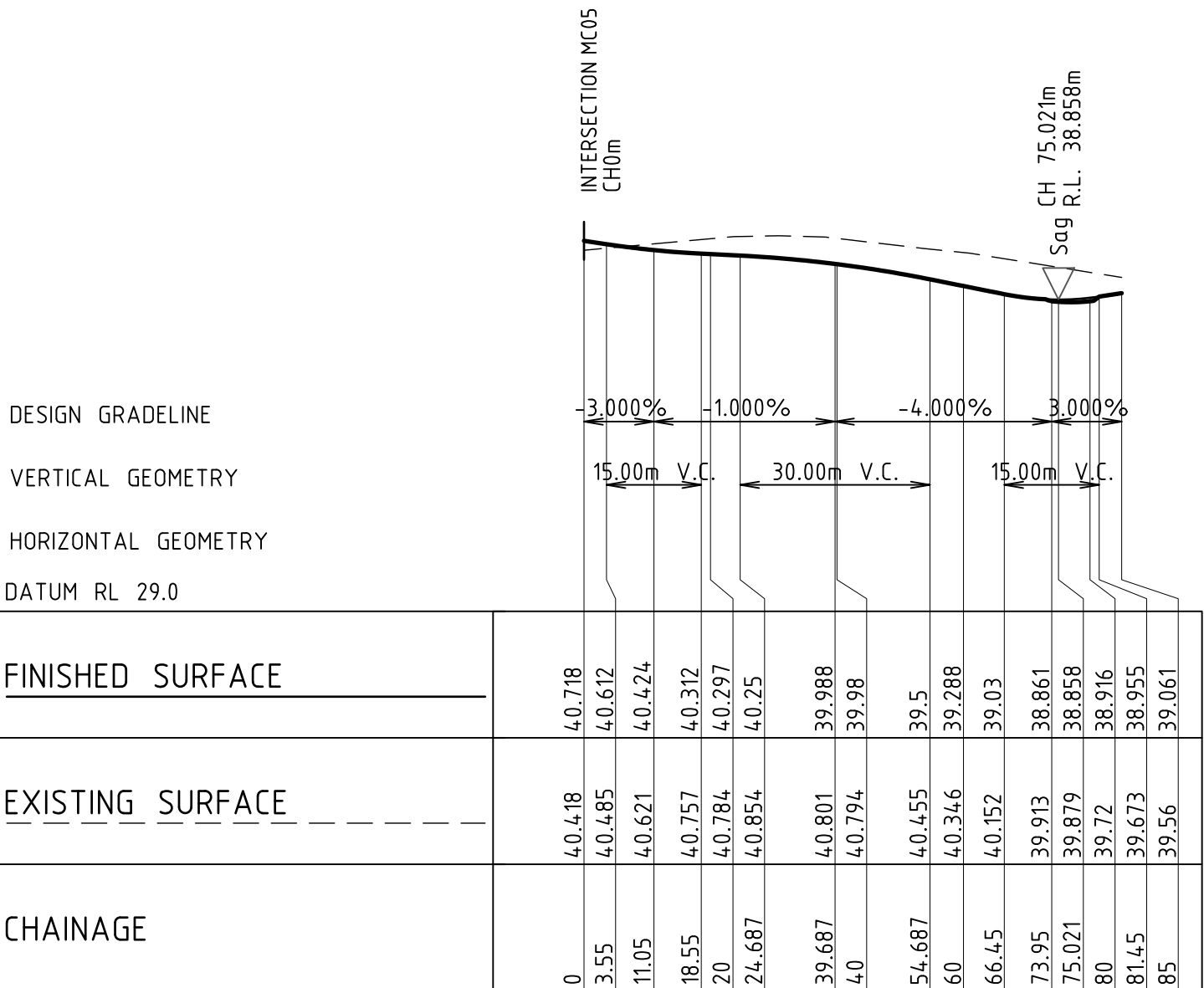
REVISION

E

DRAWING SHEET SIZE = A1

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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



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A	DRAFT ISSUE	JS	-	AK	09.08.24
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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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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

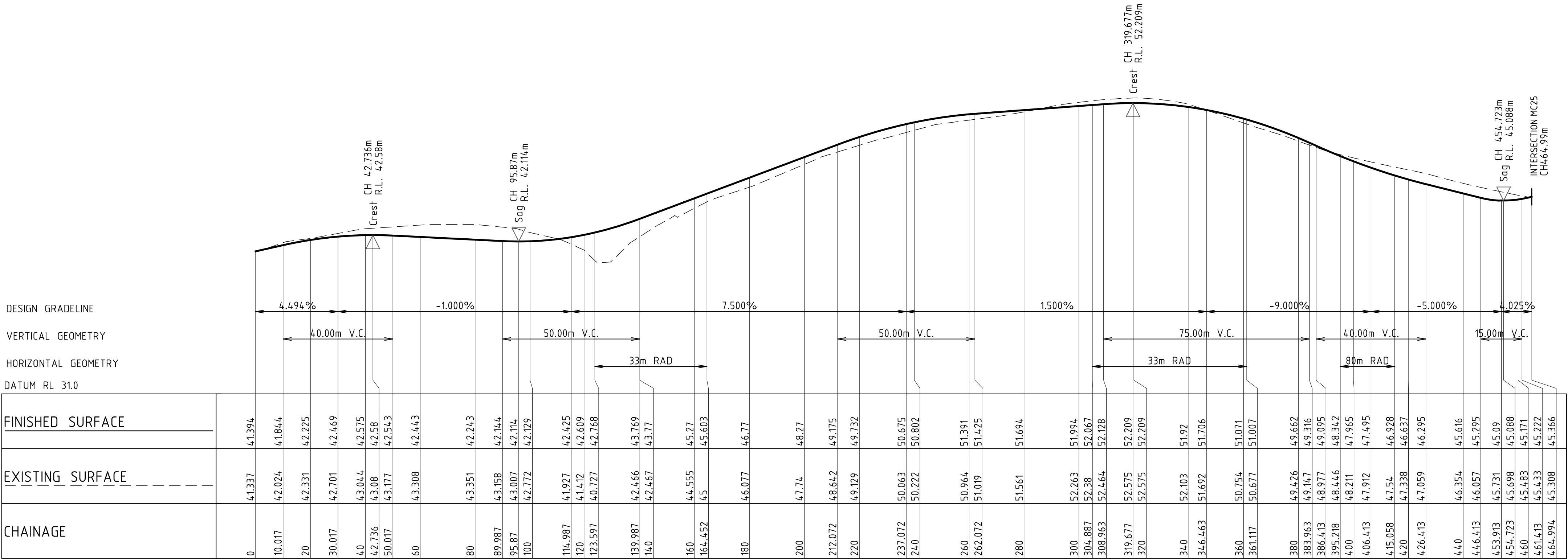
MP-C05.54

REVISION

E

DRAWING SHEET SIZE = A1

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



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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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

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PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320
MASTERPLAN DA

DRAWING TITLE

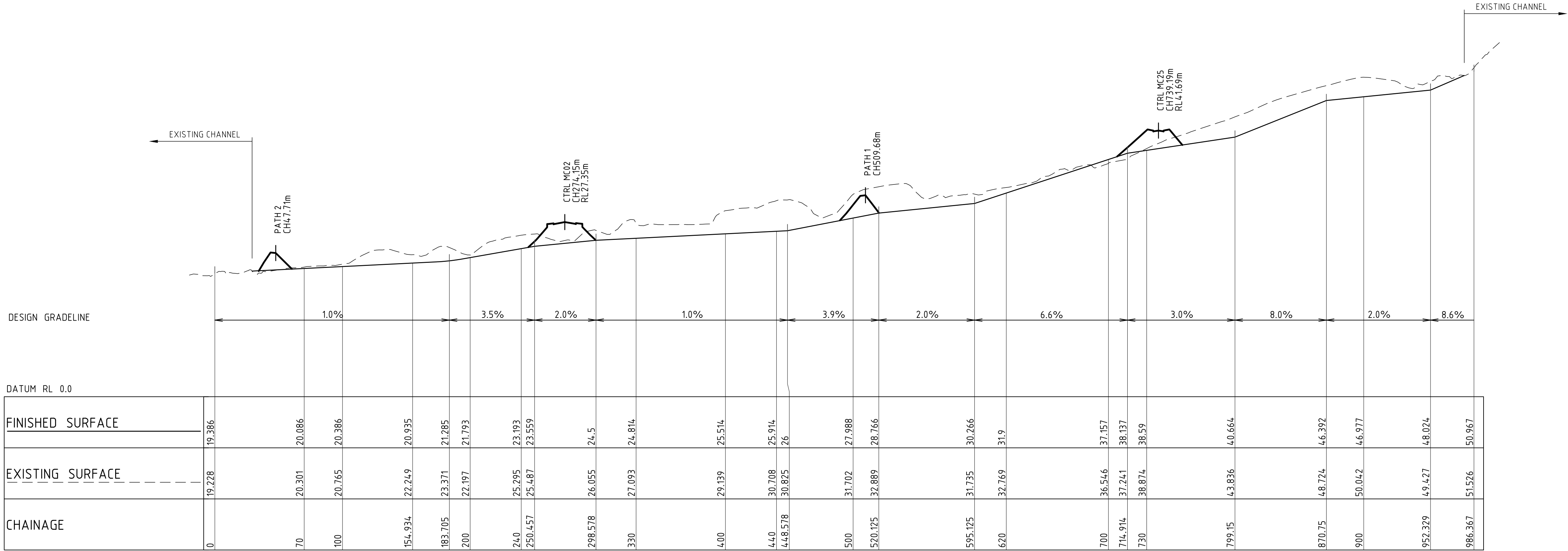
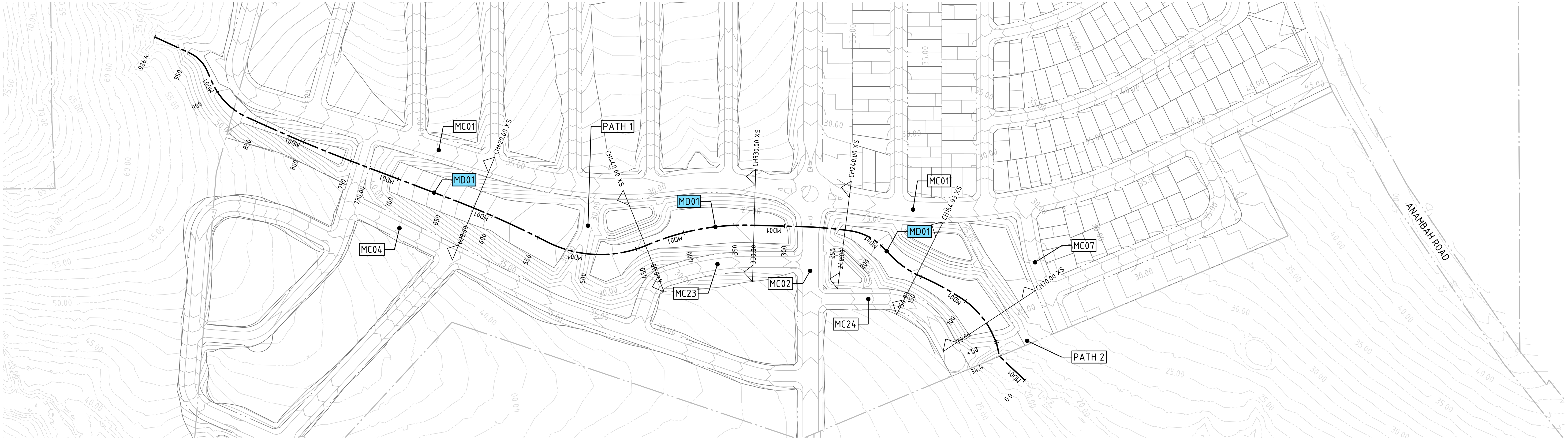
CIVIL ENGINEERING PACKAGE
ROAD LONGITUDINAL SECTIONS -
SHEET 25

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

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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	REISSUED FOR APPROVAL	JS	LM	AK	28.08.24
F	DRAFT ISSUE	JS	-	AK	23.05.25
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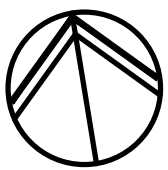
Drawn: 30.08.2025 10:04 AM
Printed by: JACOB STAUB
Project: 015 Pw-July 24 Projects\Newcastle\YEAR 2023-2026\NL222055-01 - 559 Anambah Road - GOSFORTH - Drawings\CD\NL222055-01-MASTERPLAN\NL222055-01-MP-CD\01-CREEK PLAN AND LS.dwg



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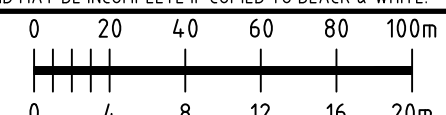


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PROJECT
**PROPOSED SUBDIVISION
559 ANAMBAAH ROAD
GOSFORTH NSW 2320**
MASTERPLAN DA

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	



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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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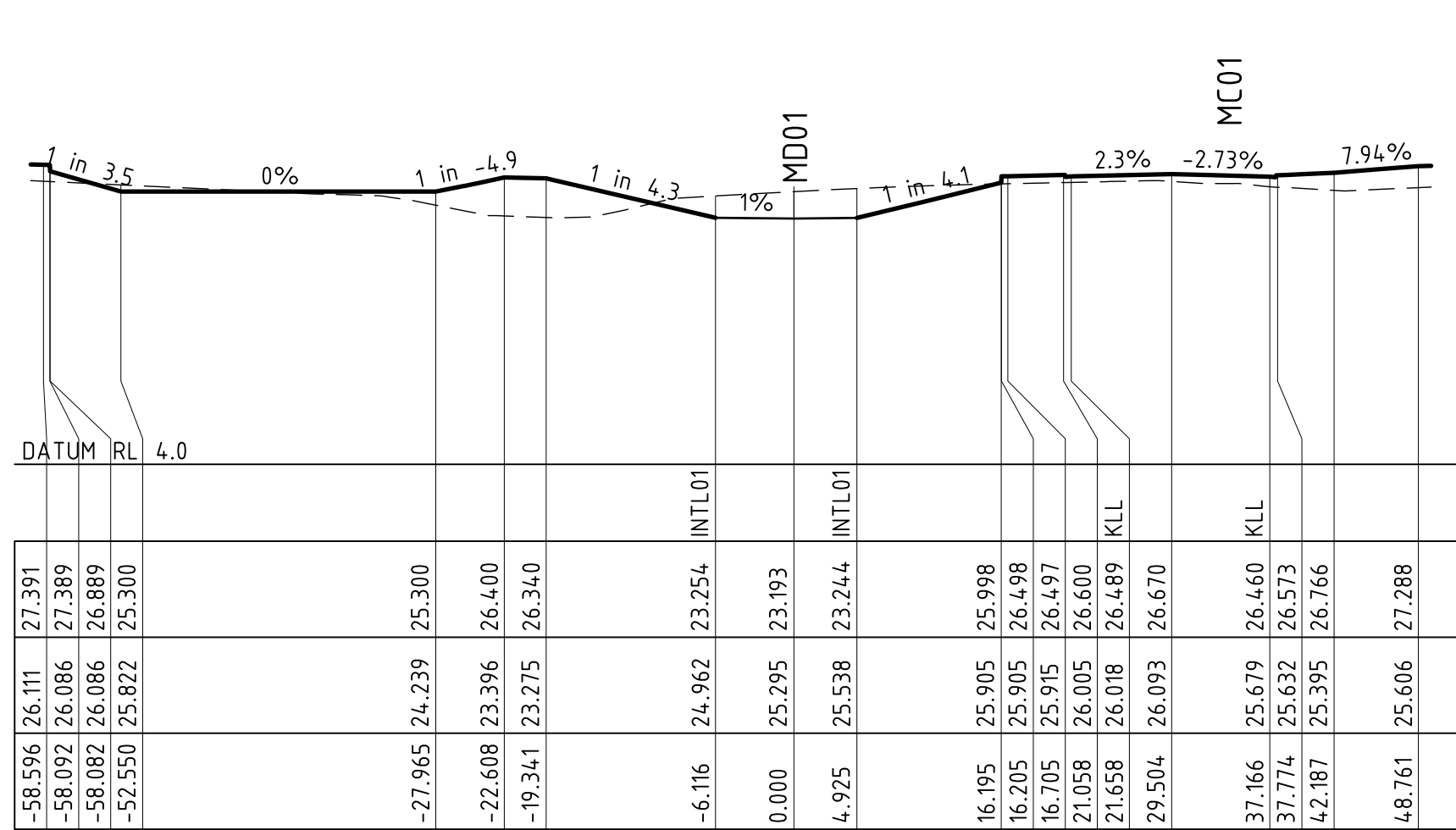
PROPOSED SUBDIVISION
559 ANAMBAH ROAD
GOSFORTH NSW 2320

MASTERPLAN DA

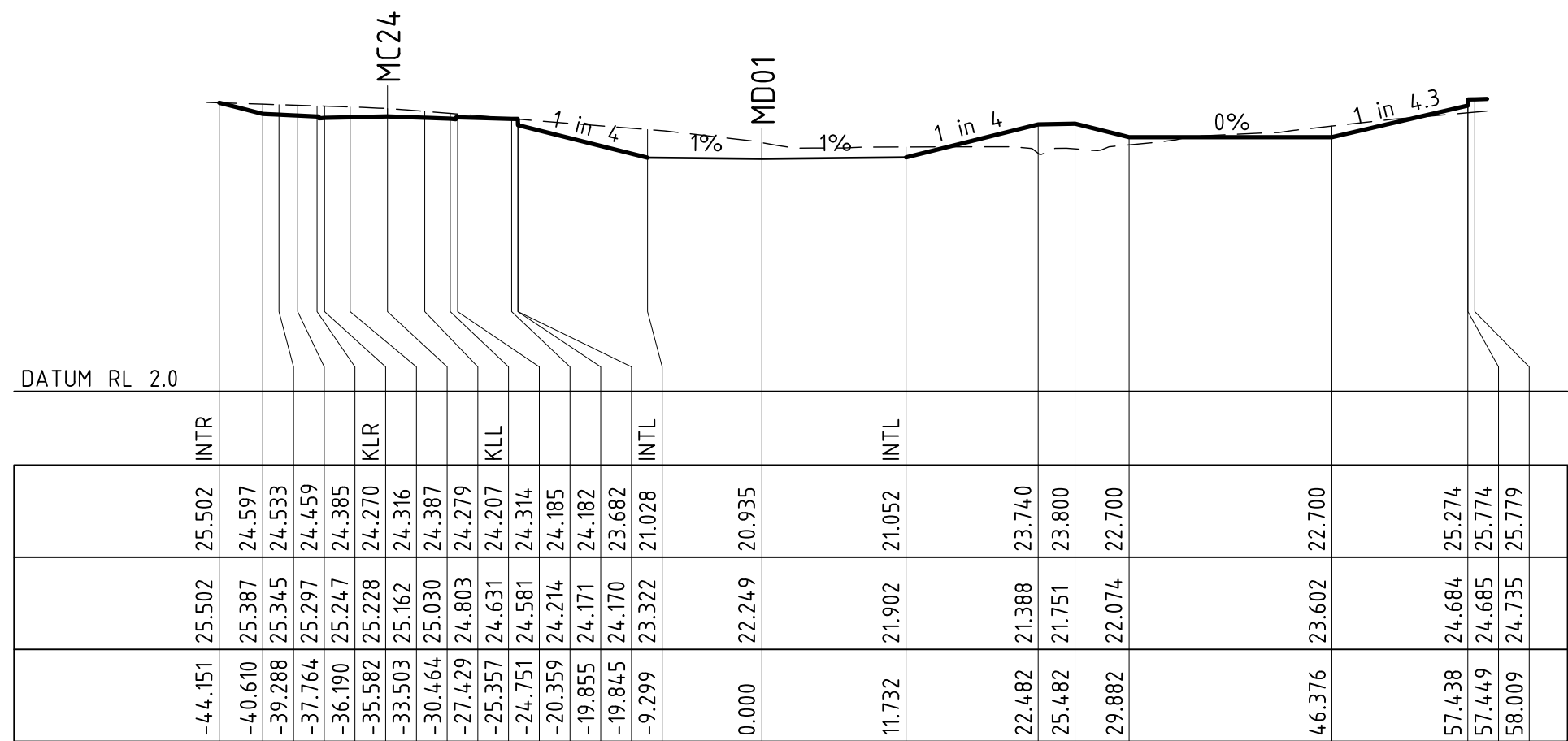
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	DRAWING NUMBER MP-C06.11	REVISION F
	DRAWING SHEET SIZE = A1	



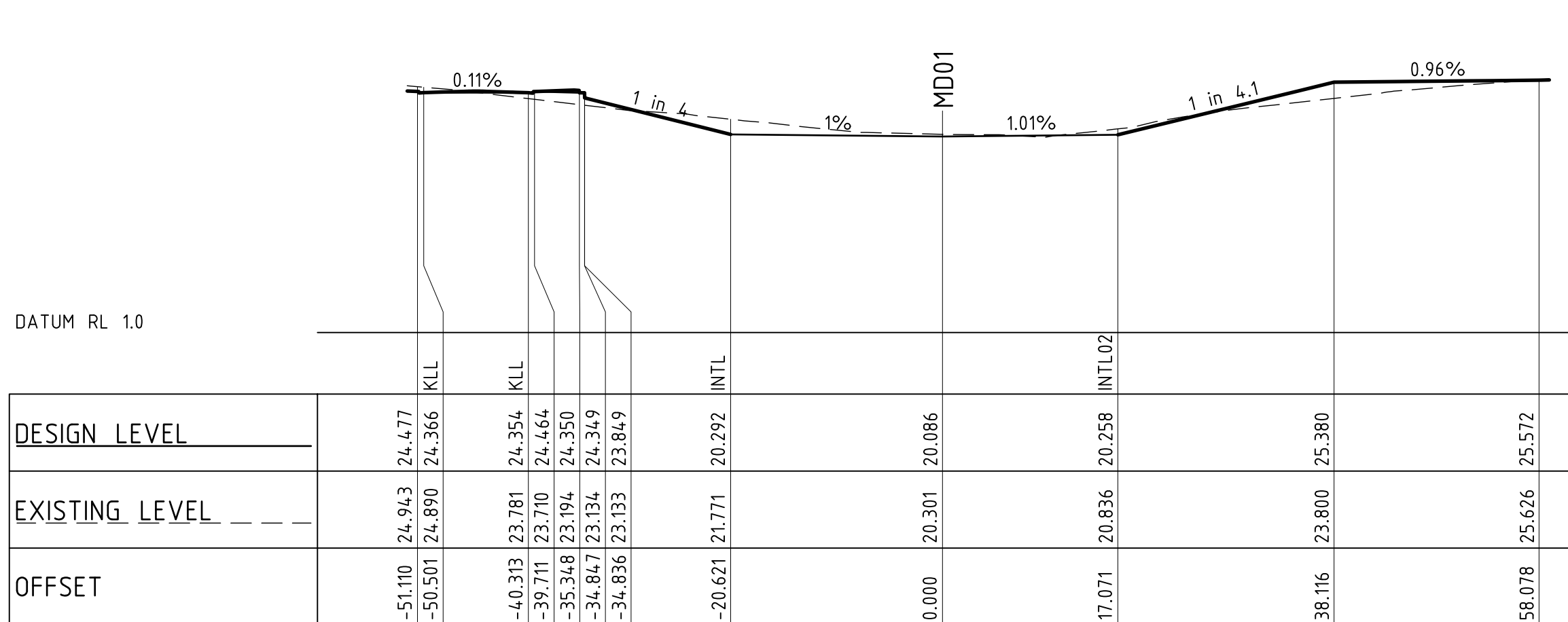
NOT FOR CONSTRUCTION



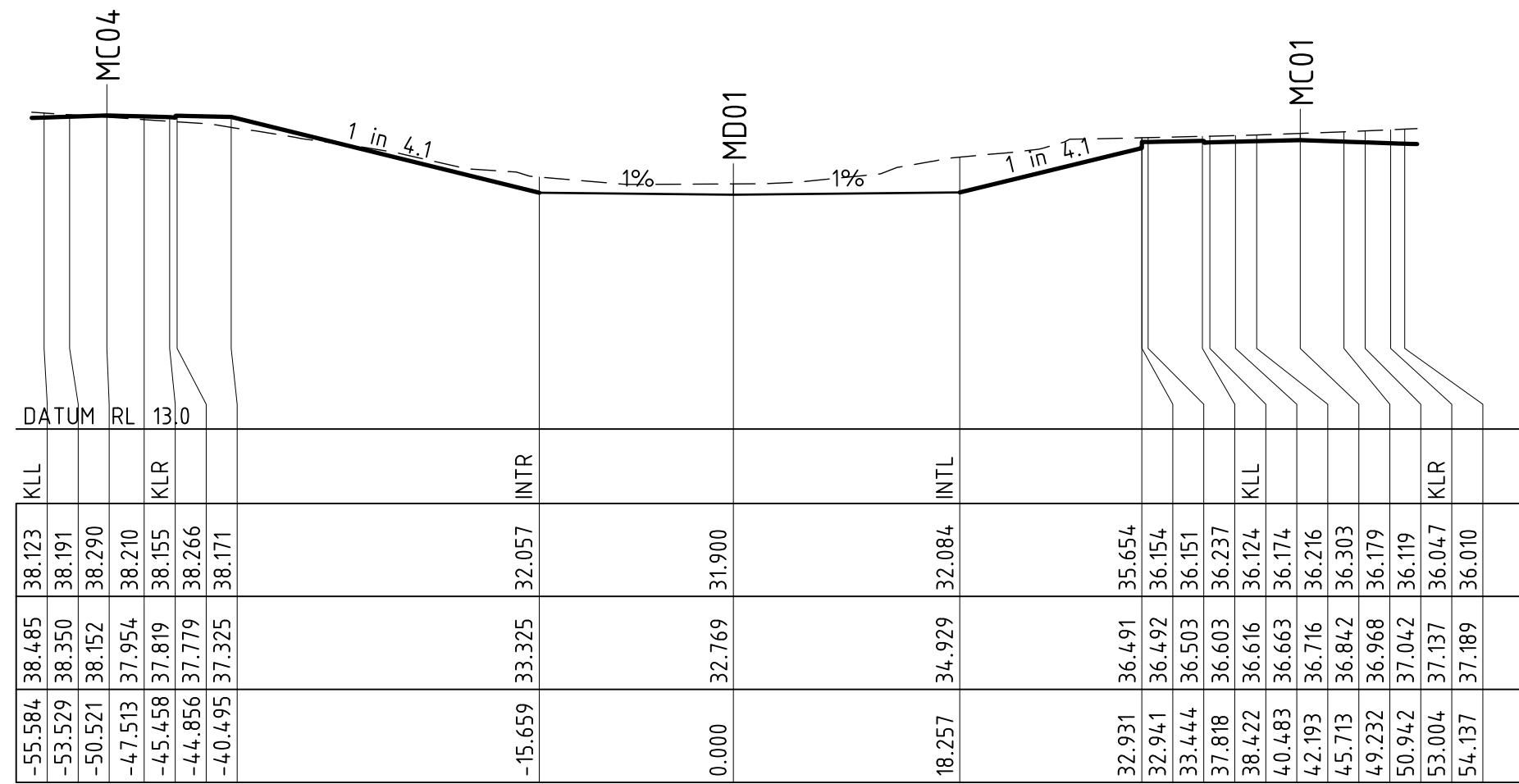
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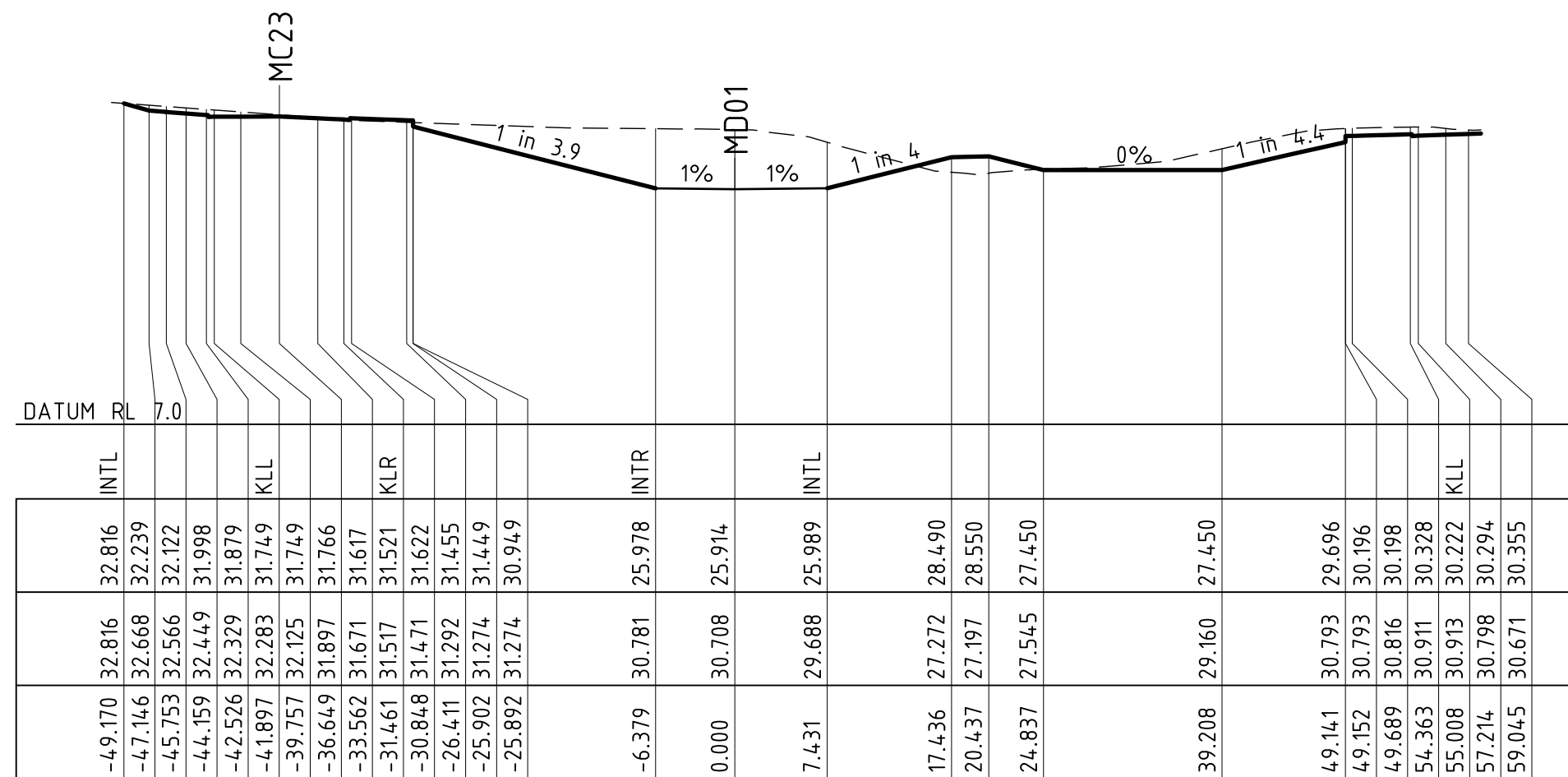
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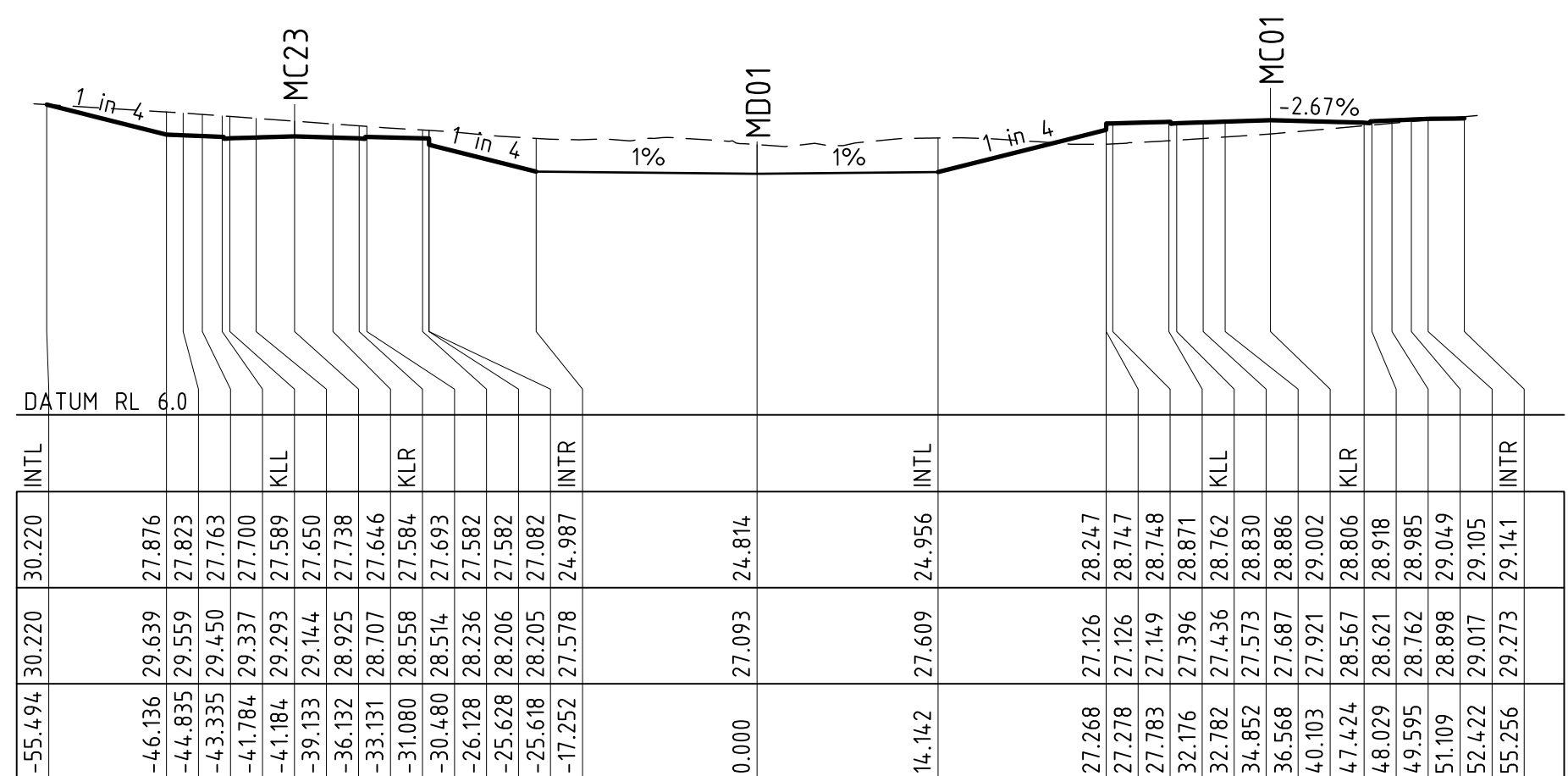
CHAINAGE 70.000



CHAINAGE 620.000

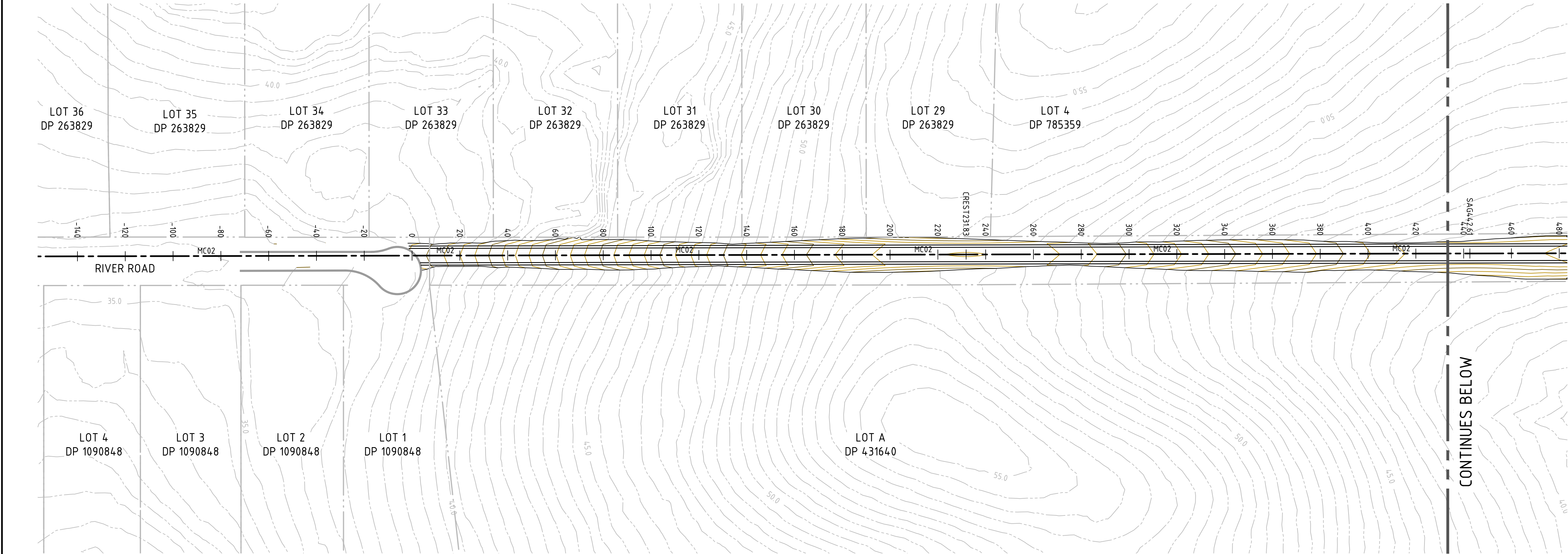


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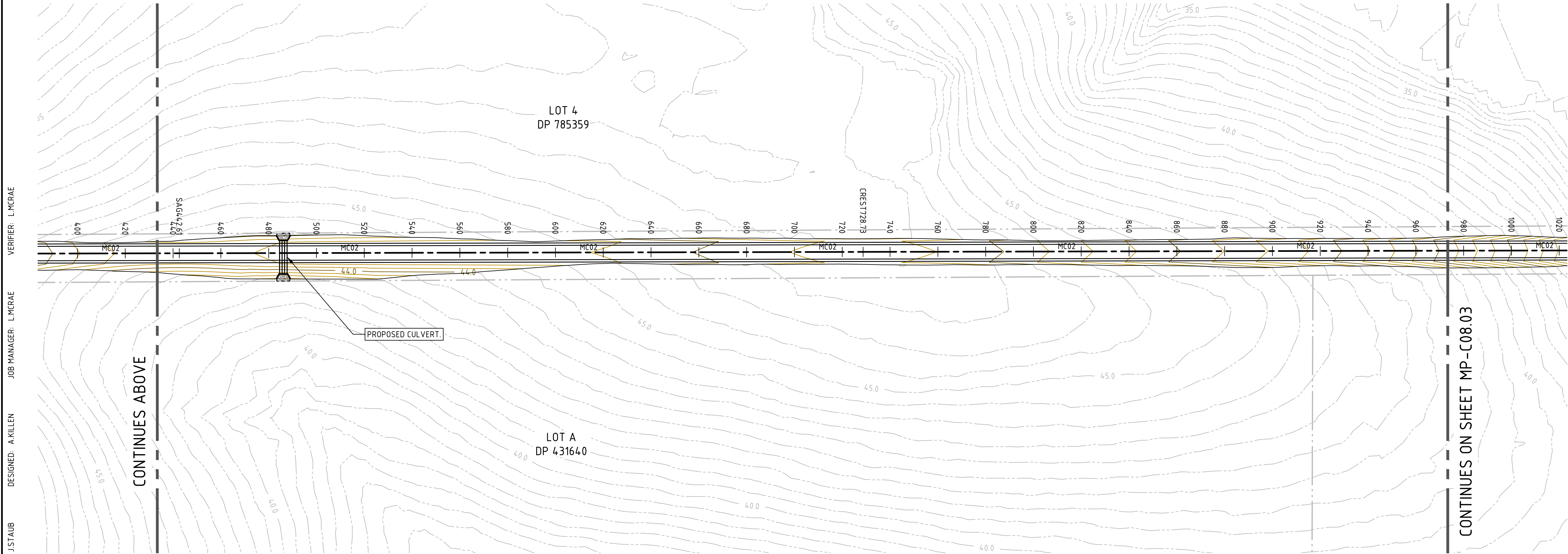


CHAINAGE 330.000

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
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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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

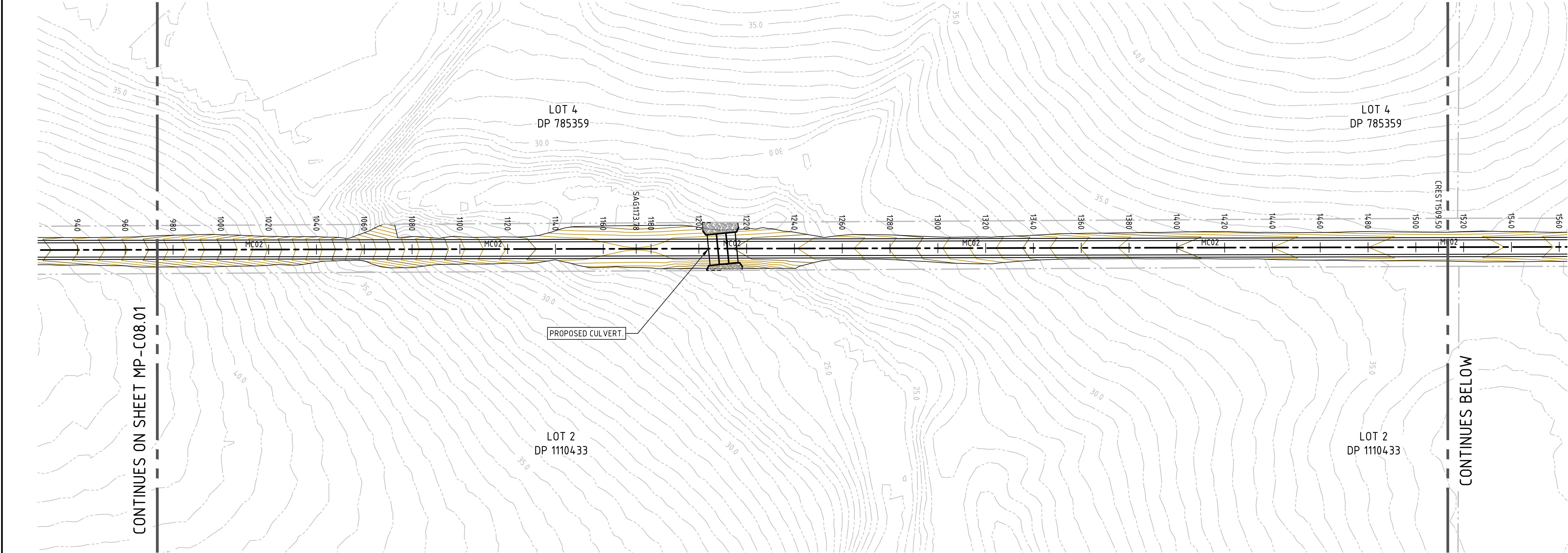
MP-C08.01

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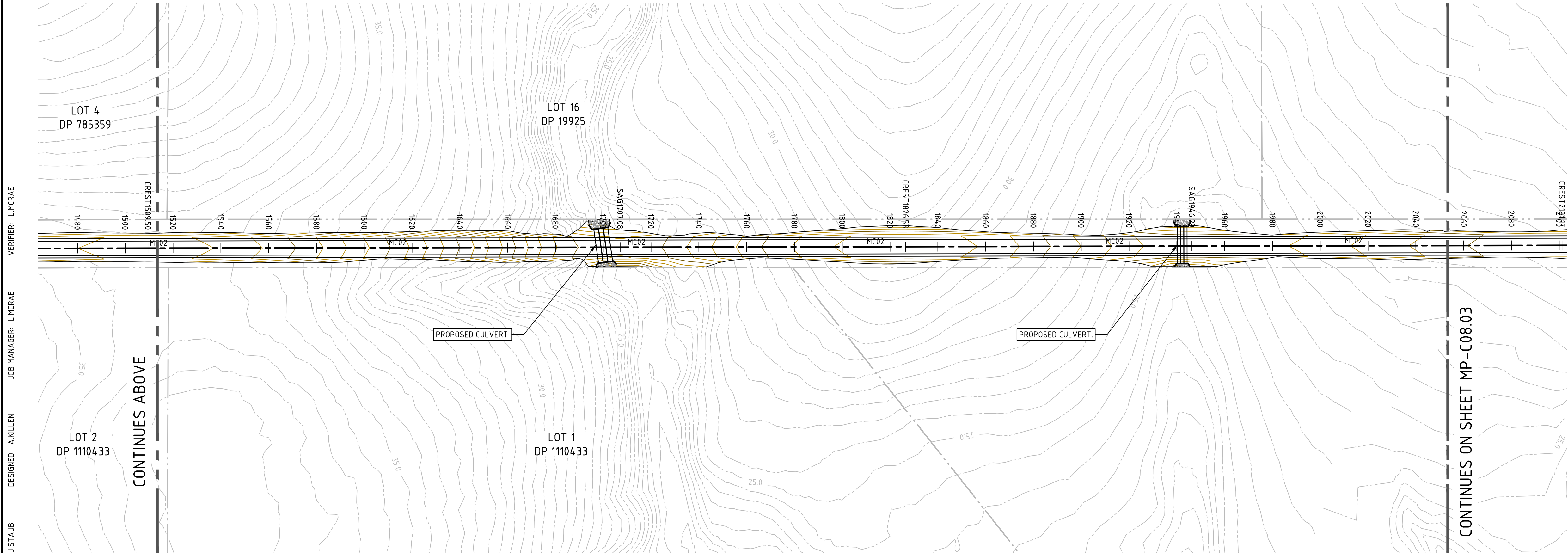
E

DRAWING SHEET SIZE = A1

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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**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

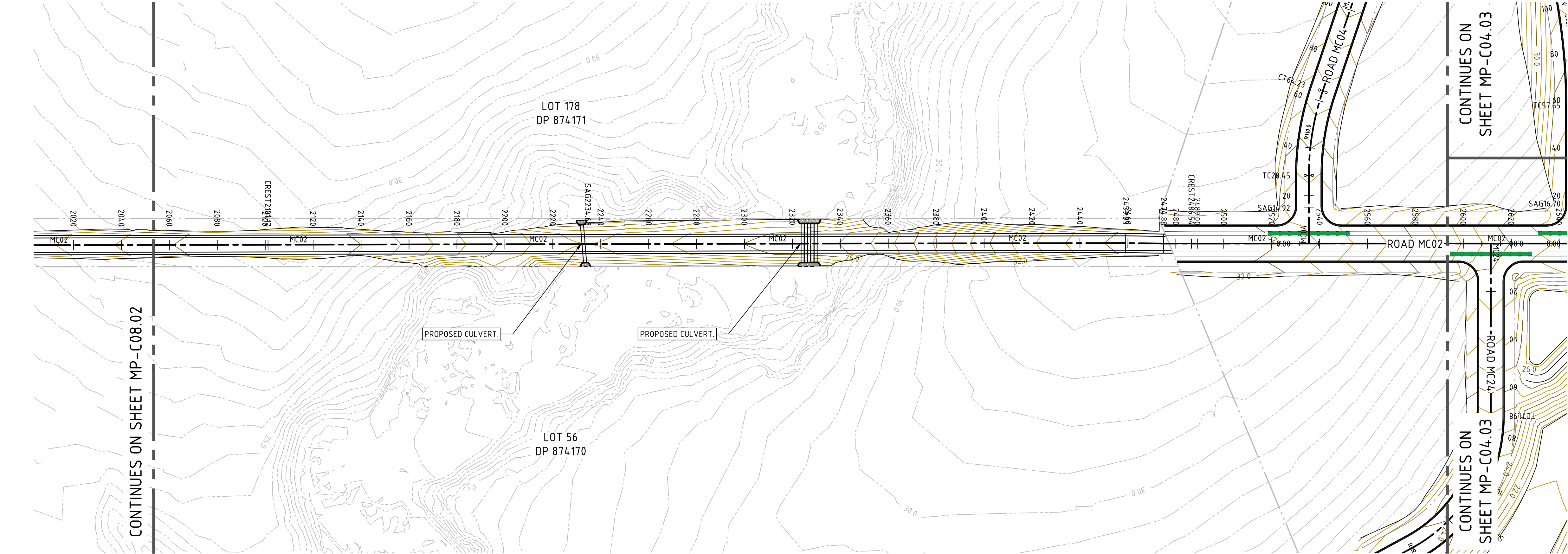
MP-C08.02

REVISION

E

DRAWING SHEET SIZE = A1

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



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



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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

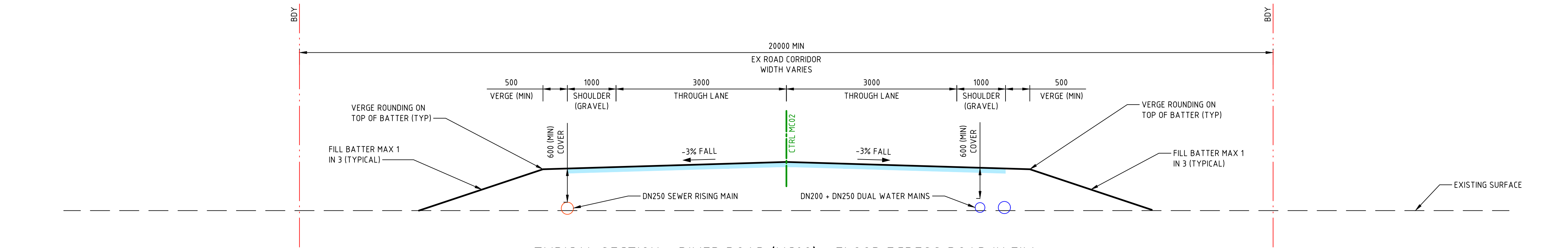
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REVISION

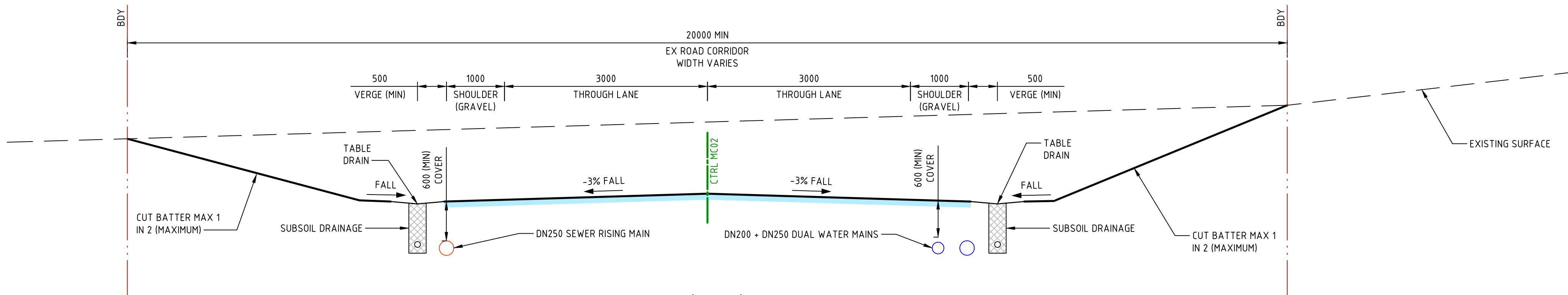
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DRAWING SHEET SIZE = A1

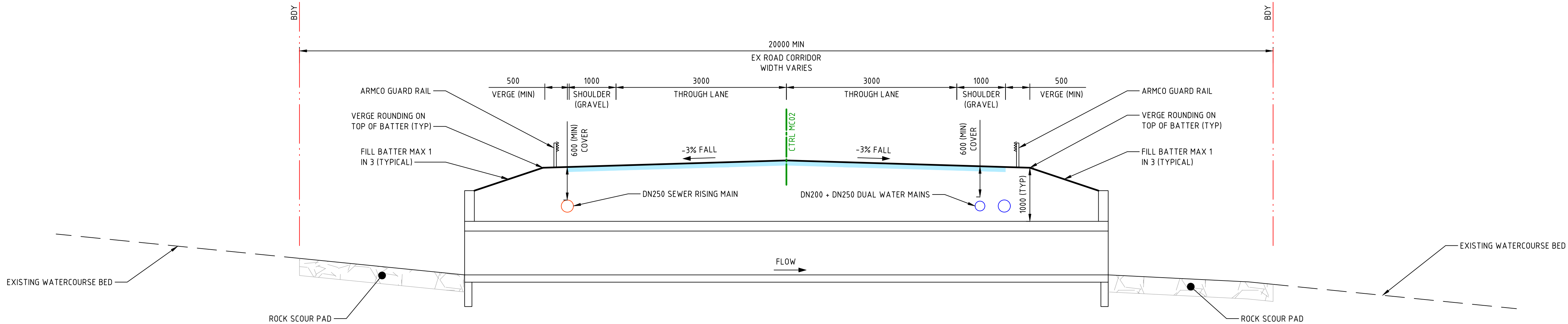
VERIFIER: LMCRAE
JOB MANAGER: LMCRAE
DESIGNED: A.KILLEN
DRAWN: J.STAUB



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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SCALE 1:50 @ A1

0 0.5 1 1.5 2 2.5m

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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

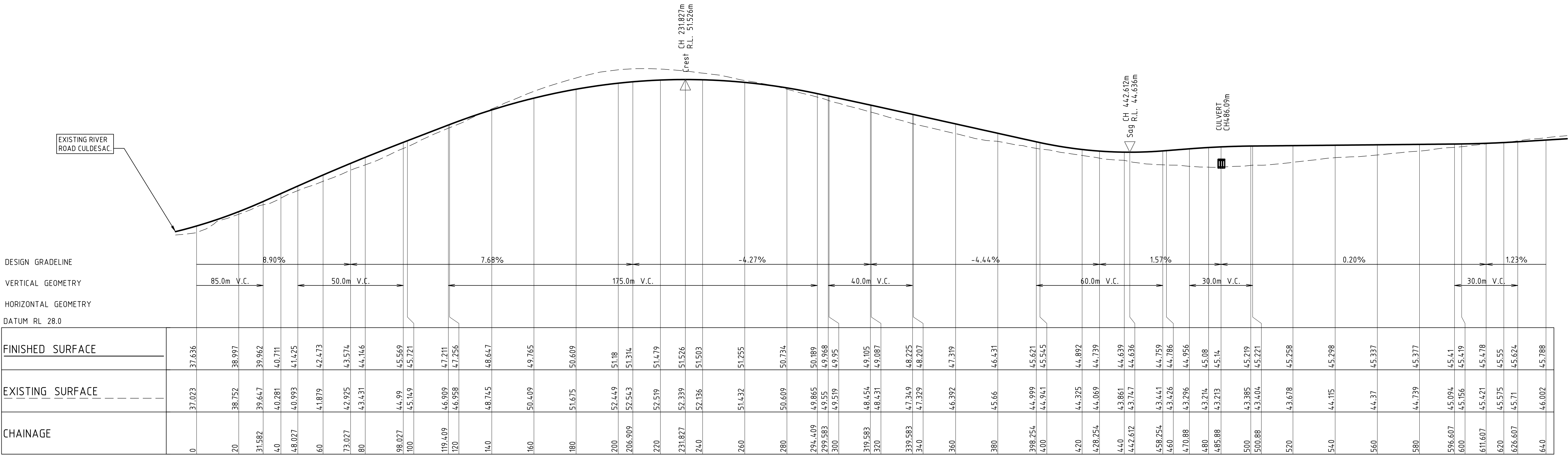
MP-C08.21

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

0 10 20 30 40 50m

0 2 4 6 8 10m

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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

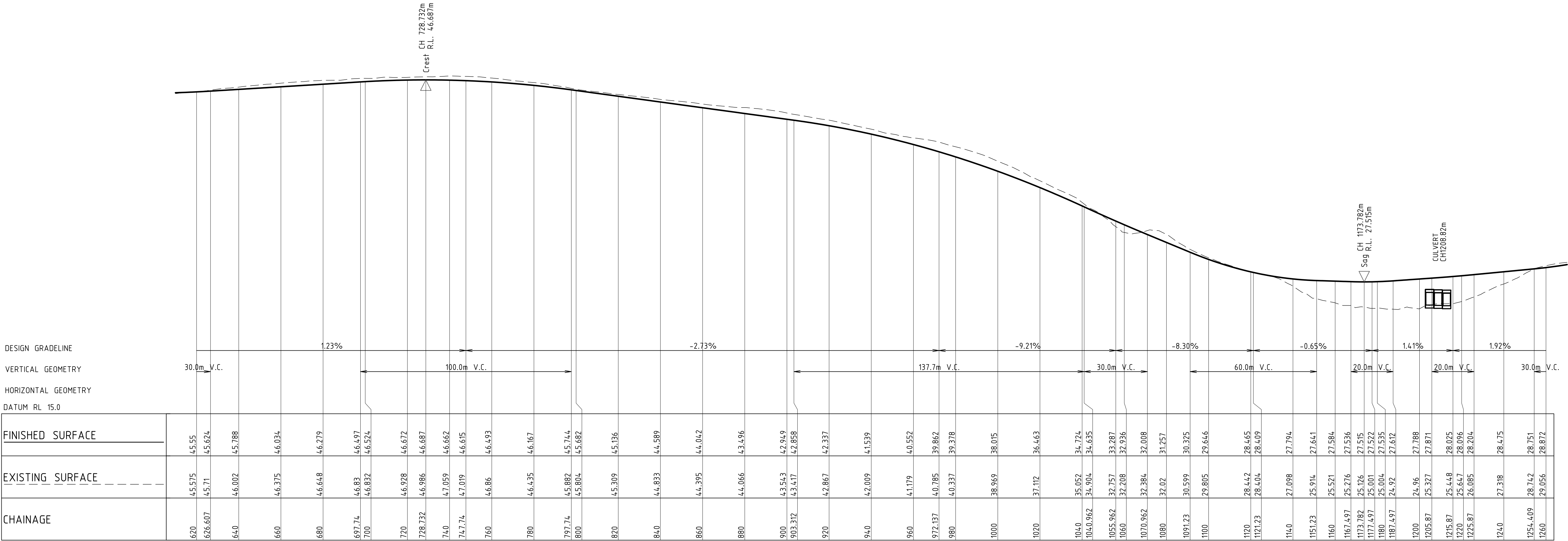
MP-C08.31

REVISION

E

DRAWING SHEET SIZE = A1

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



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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MASTERPLAN DA

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS
RIVER ROAD - SHEET 2

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C08.32

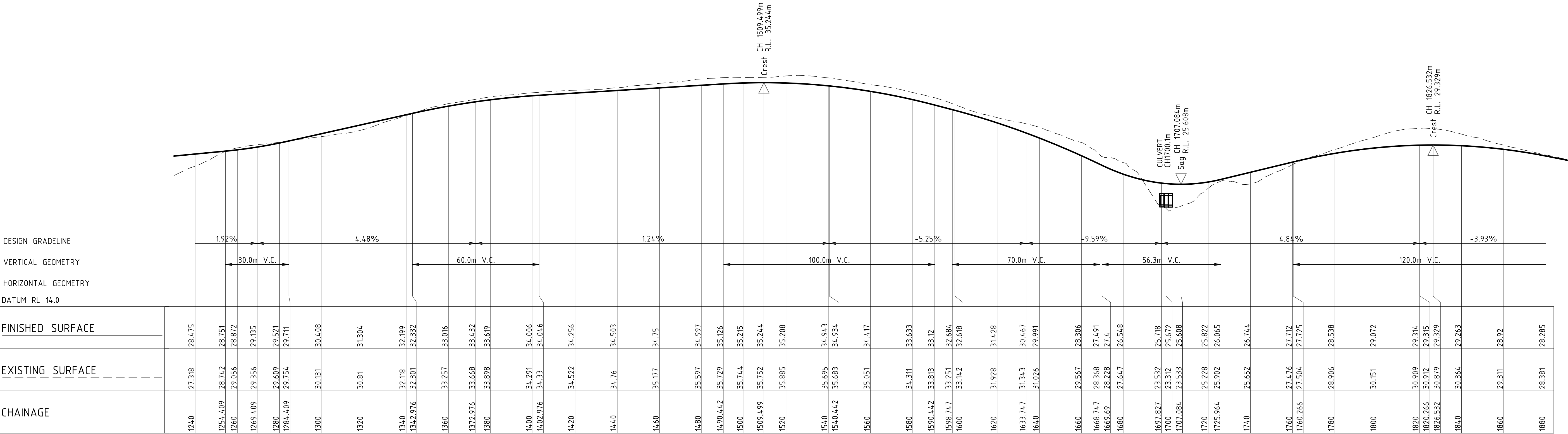
REVISION

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DRAWING SHEET SIZE = A1

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

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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DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS
RIVER ROAD - SHEET 3

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C08.33

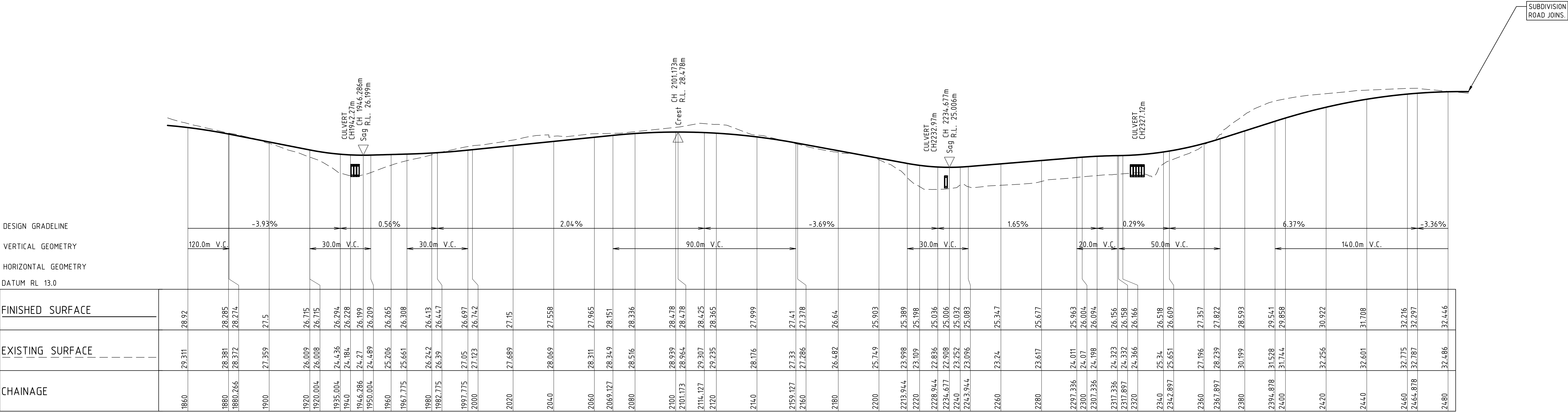
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DESIGNED: AKILLEN
DRAWN: J STAUB
JOB MANAGER: L MCRAE
VERIFIER: L MCRAE



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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DRAWING TITLE

CIVIL ENGINEERING PACKAGE

ROAD LONGITUDINAL SECTIONS
RIVER ROAD - SHEET 4

JOB NUMBER

NL222055-01

DRAWING NUMBER

MP-C08.34

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