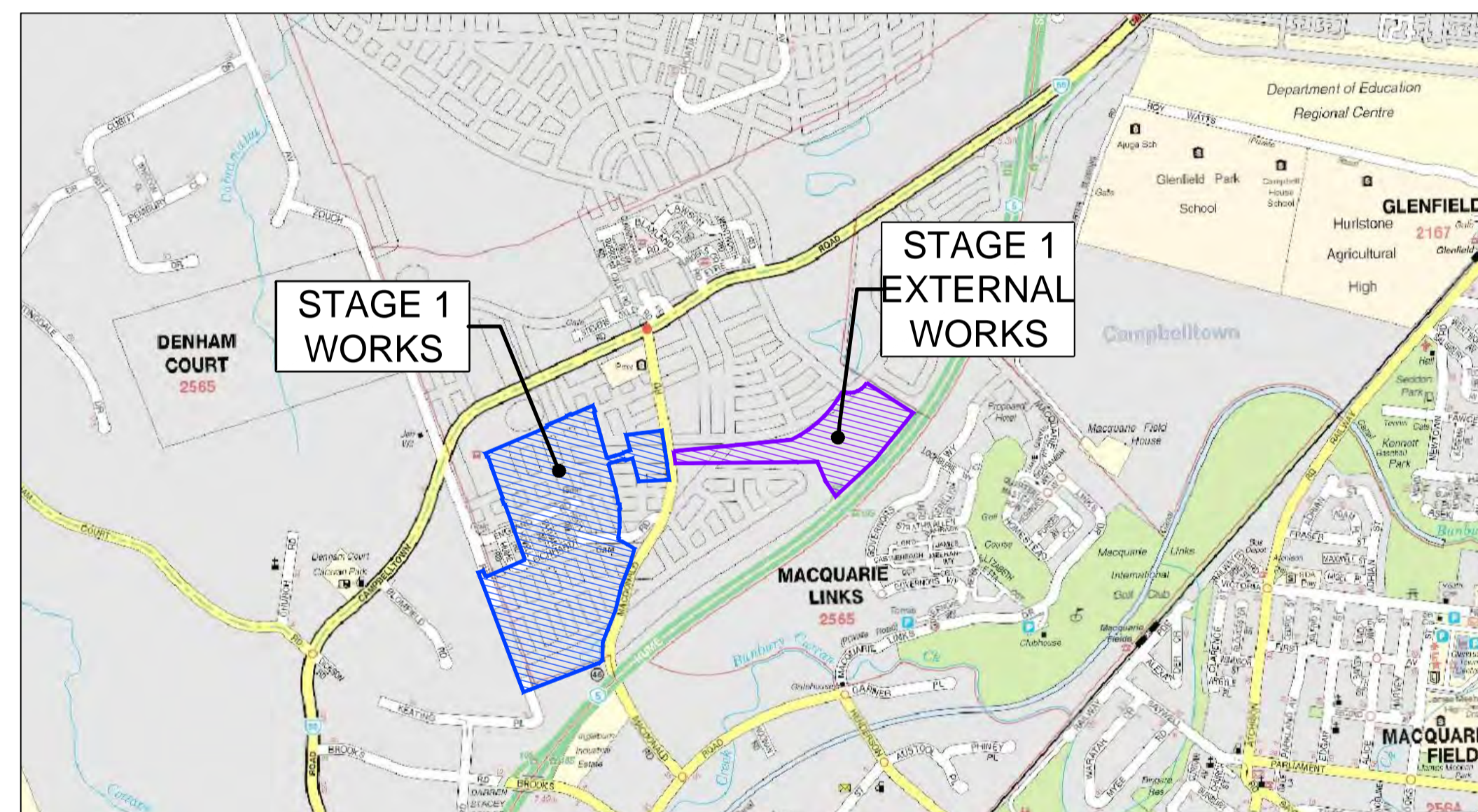


CAMPBELLTOWN CITY COUNCIL



PART 3A APPLICATION EDMONDSON PARK SOUTH STAGE 1 PROJECT APPLICATION PROPOSED SUBDIVISION AND ROADWORKS



LOCALITY SKETCH

Prepared By:

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9015/DA00

Survey By:

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CONSULTING SURVEYORS
P.O. Box 227, Penrith. 2751
Ph. (02) 4721 5293

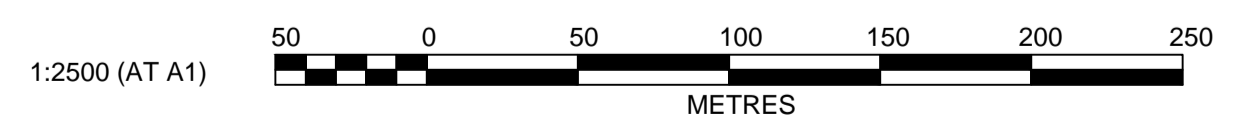
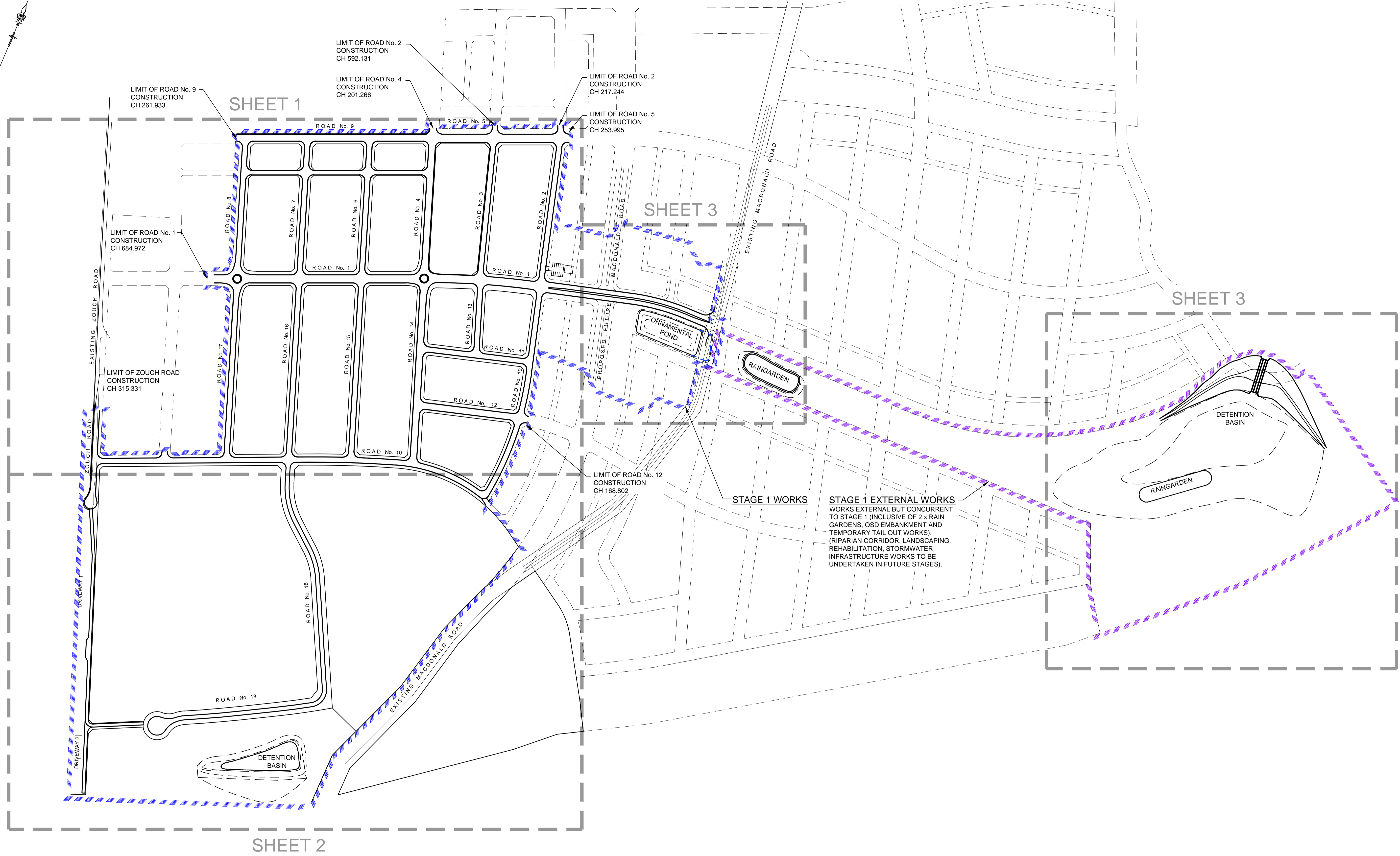
DRAWING NUMBER	DRAWING TITLE
9015/DA00	COVER SHEET
9015/DA01	LAYOUT PLAN
9015/DA02	ENGINEERING PLAN SHEET 1
9015/DA03	ENGINEERING PLAN SHEET 2
9015/DA04	ENGINEERING PLAN SHEET 3
9015/DA05	TYPICAL ROAD CROSS SECTIONS ROAD No. 1 AND 5
9015/DA06	TYPICAL ROAD CROSS SECTIONS ROAD No. 2 TO 4, 5 CONT'D AND 6 TO 16
9015/DA06A	TYPICAL ROAD CROSS SECTIONS ROAD 4, 9, DRIVEWAY 1 AND 2
9015/DA07	DRAINAGE PLAN SHEET 1
9015/DA08	DRAINAGE PLAN SHEET 2
9015/DA09	DRAINAGE PLAN SHEET 3
9015/DA10	ROAD LONGITUDINAL SECTION ROAD No. 1
9015/DA11	ROAD LONGITUDINAL SECTION ROAD No. 2 AND 3
9015/DA12	ROAD LONGITUDINAL SECTION ROAD No. 4 AND 5
9015/DA13	ROAD LONGITUDINAL SECTION ROAD No. 6 AND 7
9015/DA14	ROAD LONGITUDINAL SECTION ROAD No. 8 AND 9
9015/DA15	ROAD LONGITUDINAL SECTION ROAD No. 10
9015/DA16	ROAD LONGITUDINAL SECTION ROAD No. 10 (CONT'D), 11, 12 AND 13
9015/DA17	ROAD LONGITUDINAL SECTION ROAD No. 14 AND 15
9015/DA18	ROAD LONGITUDINAL SECTION ROAD No. 16 AND 17
9015/DA19	ROAD LONGITUDINAL SECTION ROAD No. 18
9015/DA20	ROAD LONGITUDINAL SECTION ROAD No. 18 (CONT'D), LANE 01 AND 02
9015/DA21	ROAD LONGITUDINAL SECTION LANE 03 AND 04
9015/DA22	ROAD LONGITUDINAL SECTION ZOUCH ROAD AND DRIVEWAY 1
9015/DA23	CUT / FILL PLAN
9015/DA24	SITE SECTION 1
9015/DA25	SITE SECTION 2
9015/DA26	SITE SECTION 3
9015/DA27	SITE SECTION 4 AND 5
9015/DA28	SOIL & WATER MANAGEMENT PLAN
9015/DA29	SOIL & WATER MANAGEMENT NOTES & SEDIMENT BASIN CALCULATIONS

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**ISSUED FOR
PART 3A STAGE 1 PROJECT APPLICATION**

SIGNED: S. Anderson DATE: 10/11/10

Plotfile: November 17, 2010 File Name: J:\9015D\DA - Development Application Approval Plans\9015DA01 LAYOUT PLAN1.dwg



AMENDMENT	DES	DRN	CKD	APR	DATE
F DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
E RE-ISSUED FOR PPP	DJH	TK	KN	SA	17/11/10
D MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
C RAINGARDEN AND ROAD 18 ADJUSTED	DJH	VG	KN	SA	05/11/10
B ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10

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 P 02 4720 3300 F 02 4721 7638 W www.jwprince.com.au E jwp@jwprince.com.au

AZIMUTH:
 DATUM:
 ORIGIN:

CLIENT:

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ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH STAGE 1 PROJECT APPLICATION LAYOUT PLAN

PLAN No: 9015/DA01 **F**
 FILE No: 9015DA01
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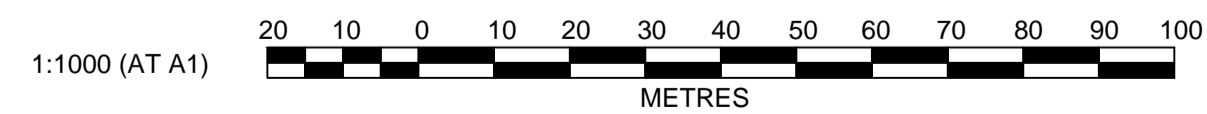
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LEGEND	
	STAGE BOUNDARY
	ROAD
	ROAD CONTROL LINE, ROAD NUMBER, KERB & CHAINAGE
	ROAD RESERVE BOUNDARY & LOT NUMBER
	DRAINAGE EASEMENT



REFER DRAWING DA03 FOR CONTINUATION

REFER DRAWING DA04 FOR CONTINUATION



AMENDMENT	DES	DRN	CKD	APR	DATE
F	DJH	TK	KN	SA	17/11/10
E	DJH	TK	KN	SA	17/11/10
D	DJH	DJH	KN	SA	10/11/10
C	DJH	VG	KN	SA	05/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

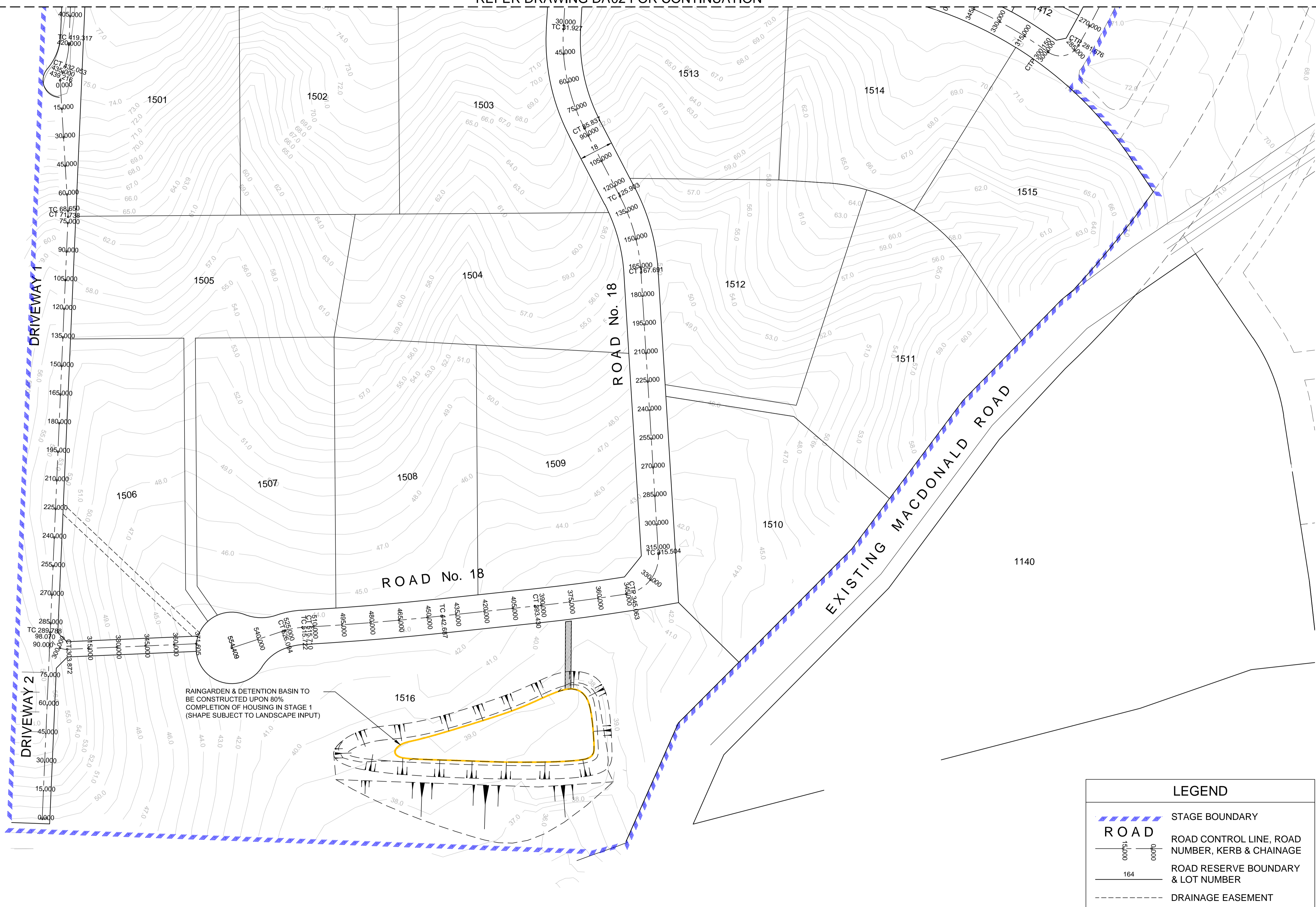
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ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
ENGINEERING PLAN
SHEET 1

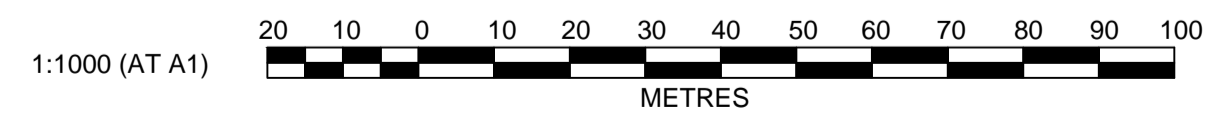
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FILE No: 9015DA02
SHEET SIZE: A1 ORIGINAL

REFER DRAWING DA02 FOR CONTINUATION



RAINGARDEN & DETENTION BASIN TO BE CONSTRUCTED UPON 80% COMPLETION OF HOUSING IN STAGE 1 (SHAPE SUBJECT TO LANDSCAPE INPUT)

LEGEND	
	STAGE BOUNDARY
	ROAD ROAD CONTROL LINE, ROAD NUMBER, KERB & CHAINAGE
	ROAD RESERVE BOUNDARY & LOT NUMBER
	DRAINAGE EASEMENT



Plotfile: November 17, 2010 File Name: J:\9015DDA - Development Application Approval Plans\9015DDA03 ENGINEERING PLAN2.dwg

AMENDMENT	DES	DRN	CKD	APR	DATE
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E RE-ISSUED FOR PPR	DJH	TK	KN	SA	17/11/10
D MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
C LOT NUMBERS AND ROAD 18 ADJUSTED	DJH	VG	KN	SA	05/11/10
B ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10

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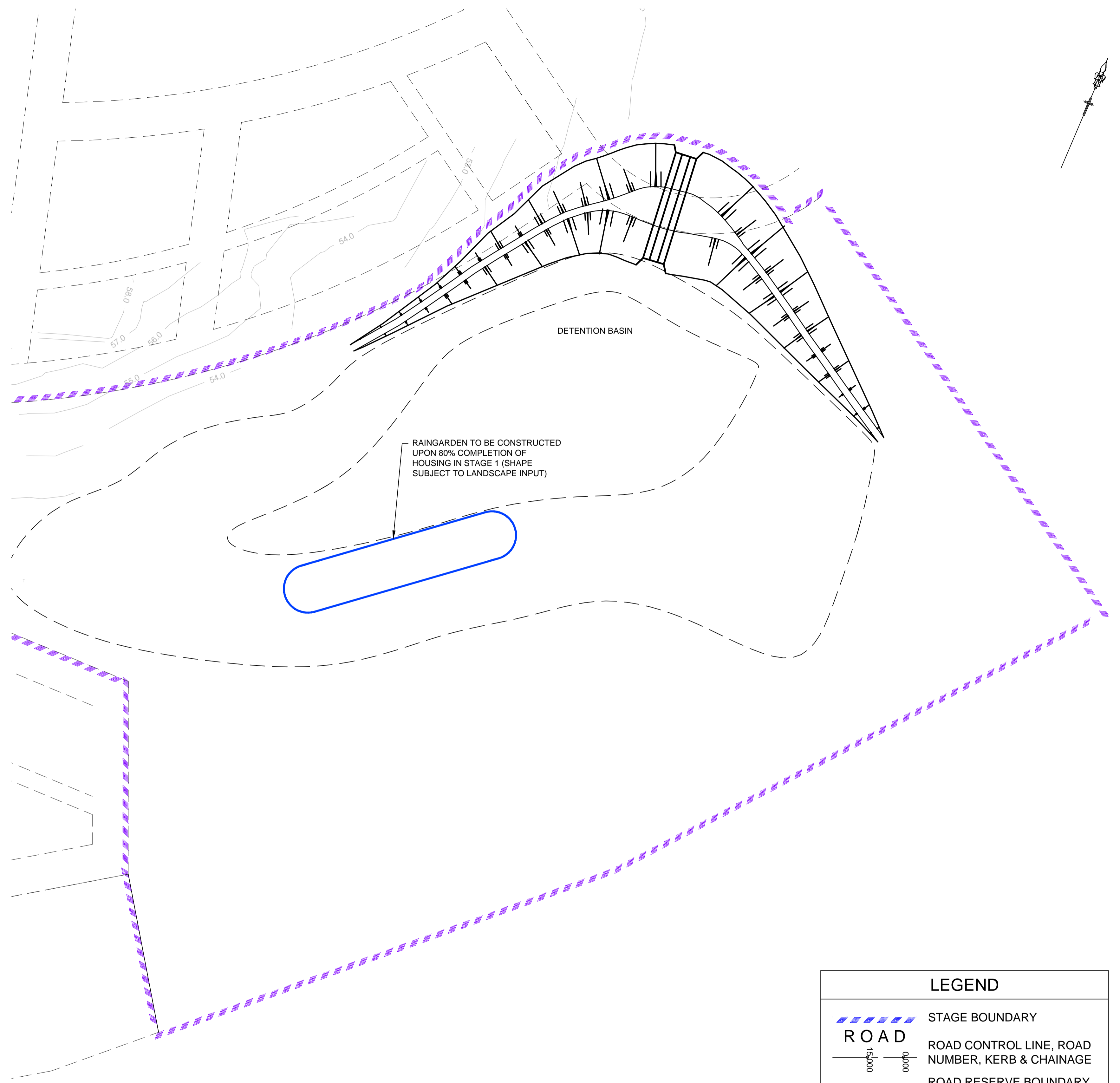
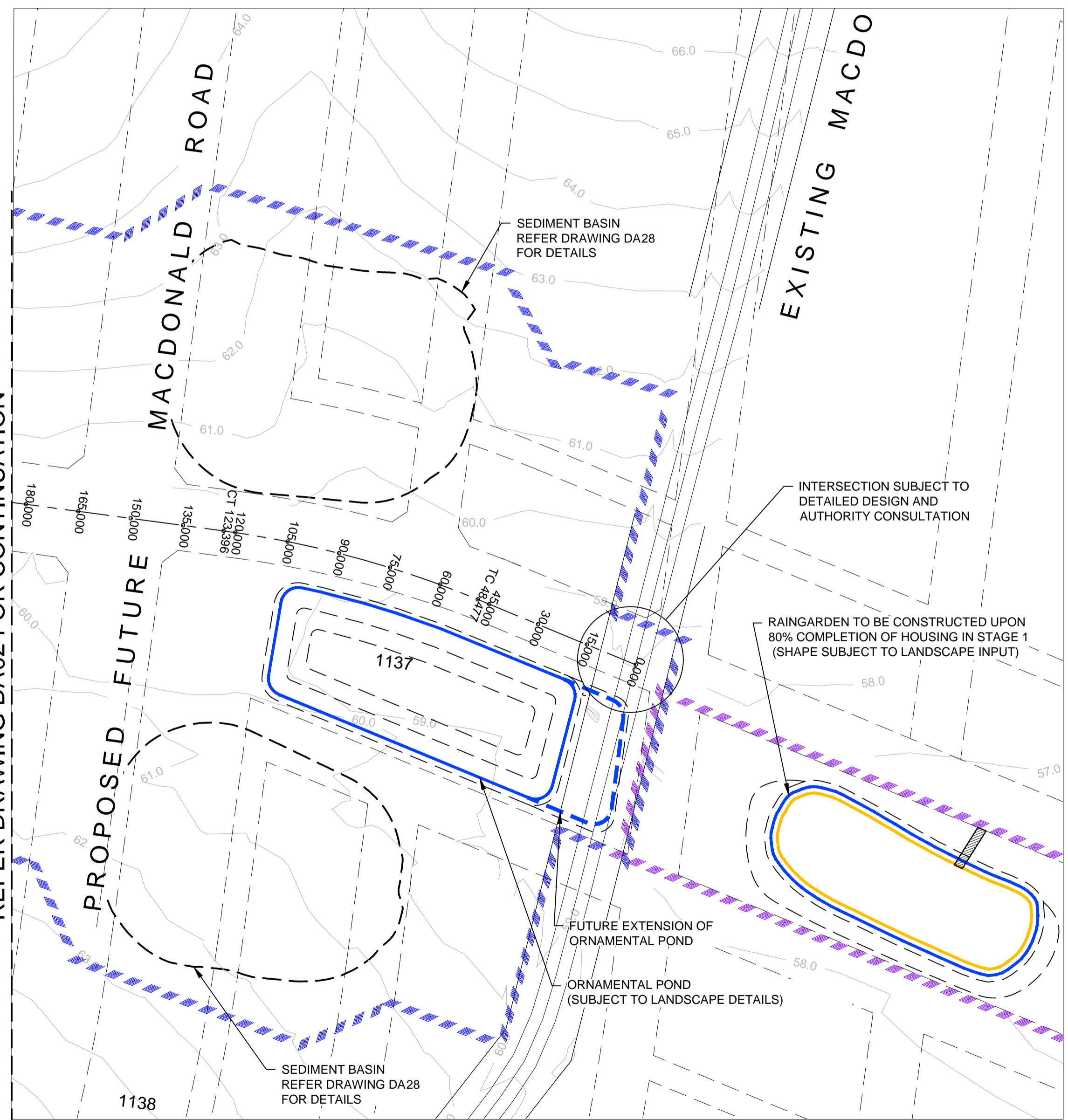
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ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

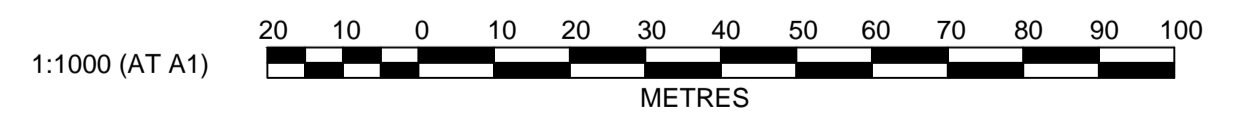
EDMONDSON PARK SOUTH
 STAGE 1 PROJECT APPLICATION
 ENGINEERING PLAN
 SHEET 2

PLAN No: 9015/DA03 **F**
 FILE No: 9015DA03
 SHEET SIZE: A1 ORIGINAL

REFER DRAWING DA02 FOR CONTINUATION



LEGEND	
	STAGE BOUNDARY
	ROAD CONTROL LINE, ROAD NUMBER, KERB & CHAINAGE
	ROAD RESERVE BOUNDARY & LOT NUMBER
	DRAINAGE EASEMENT



NO	DESCRIPTION	DES	DRN	CKD	APR	DATE
F	DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
E	RE-ISSUED FOR PPP	DJH	TK	KN	SA	17/11/10
D	MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
C	LOT NUMBERS AND RAINGARDENS ADJUSTED	DJH	VG	KN	SA	05/11/10
B	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10
	AMENDMENT	DES	DRN	CKD	APR	DATE

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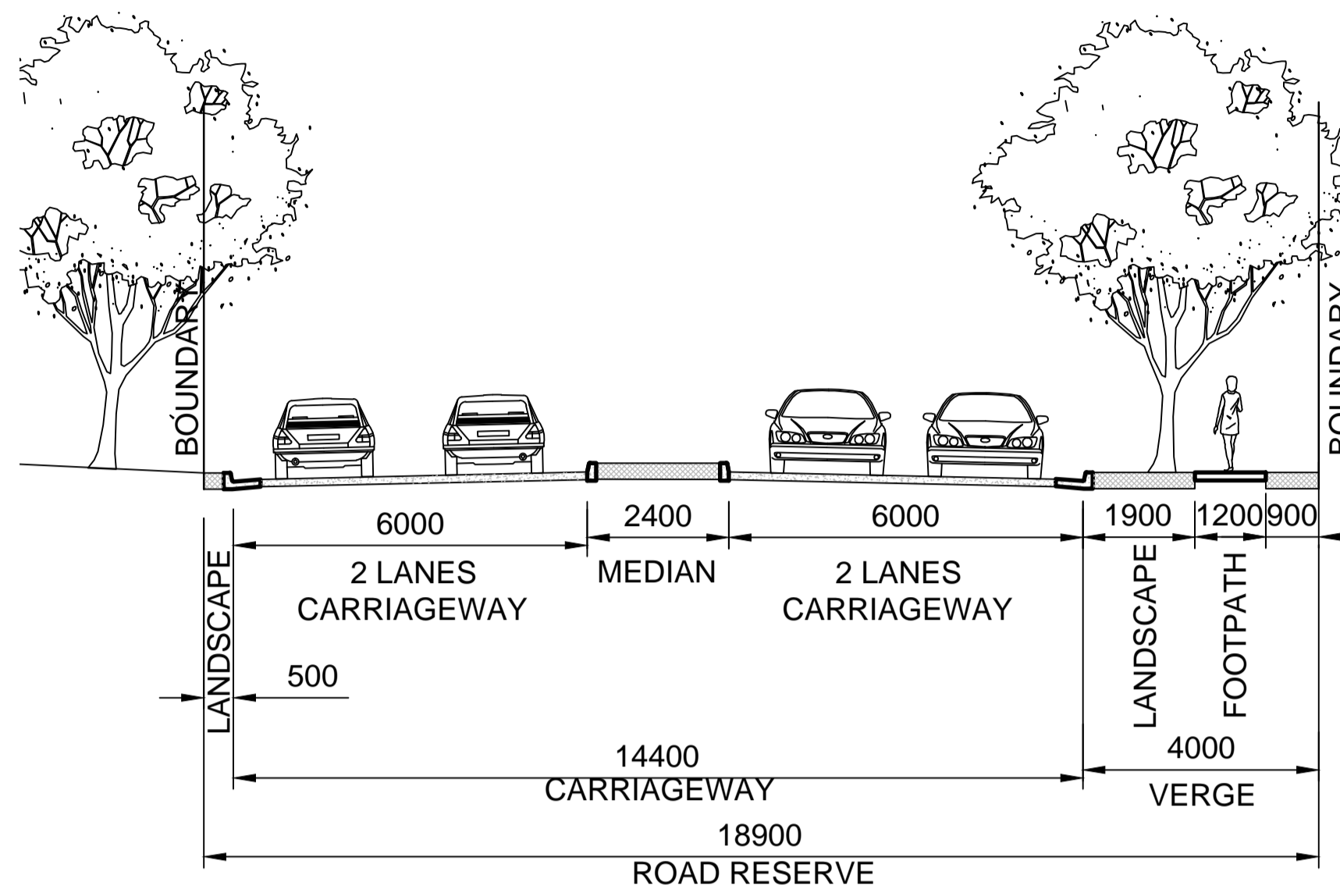
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ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

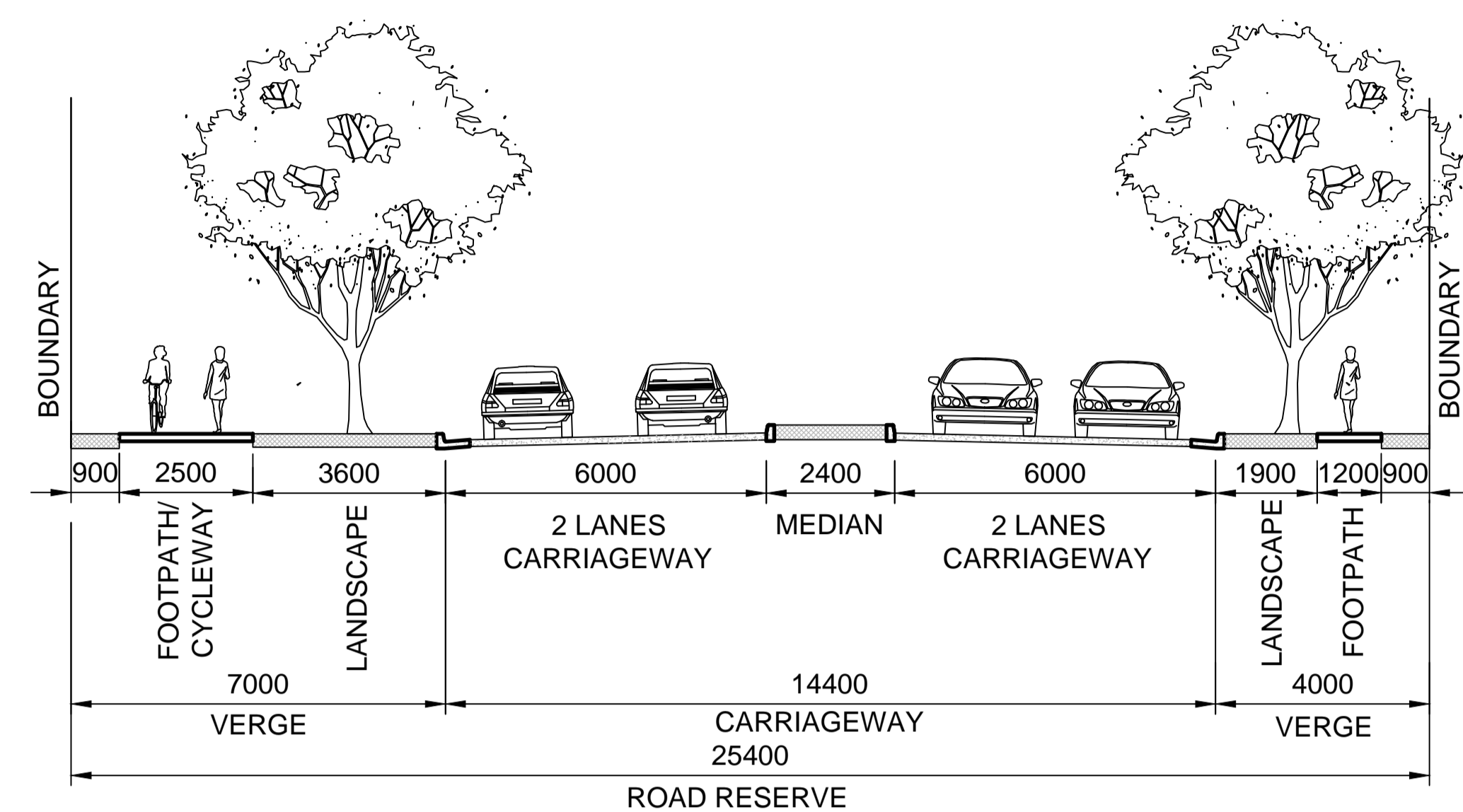
EDMONDSON PARK SOUTH
 STAGE 1 PROJECT APPLICATION
 ENGINEERING PLAN
 SHEET 3

PLAN No: 9015/DA04 **F**
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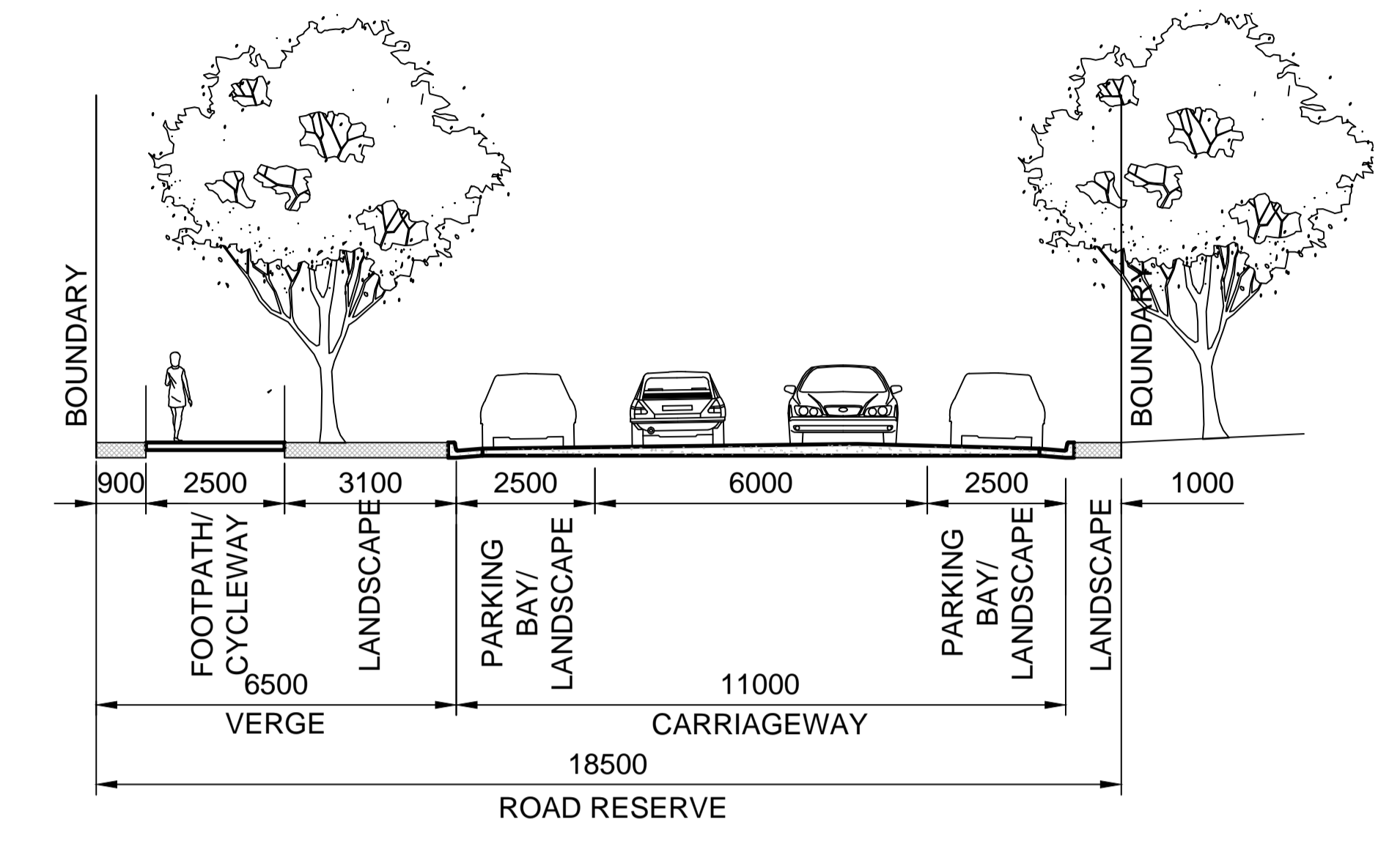
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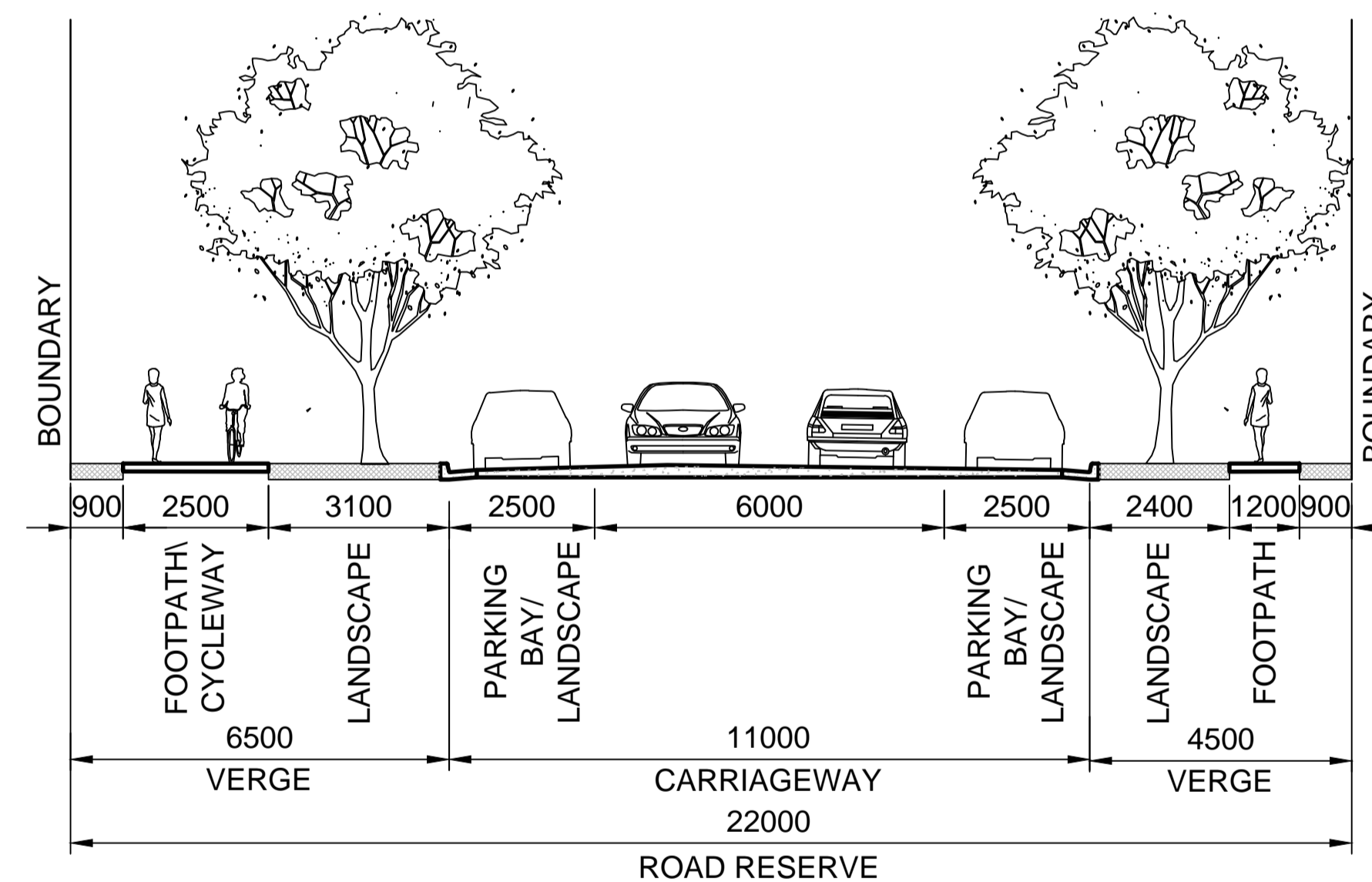
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CHAINAGE 0.000 - 150.000



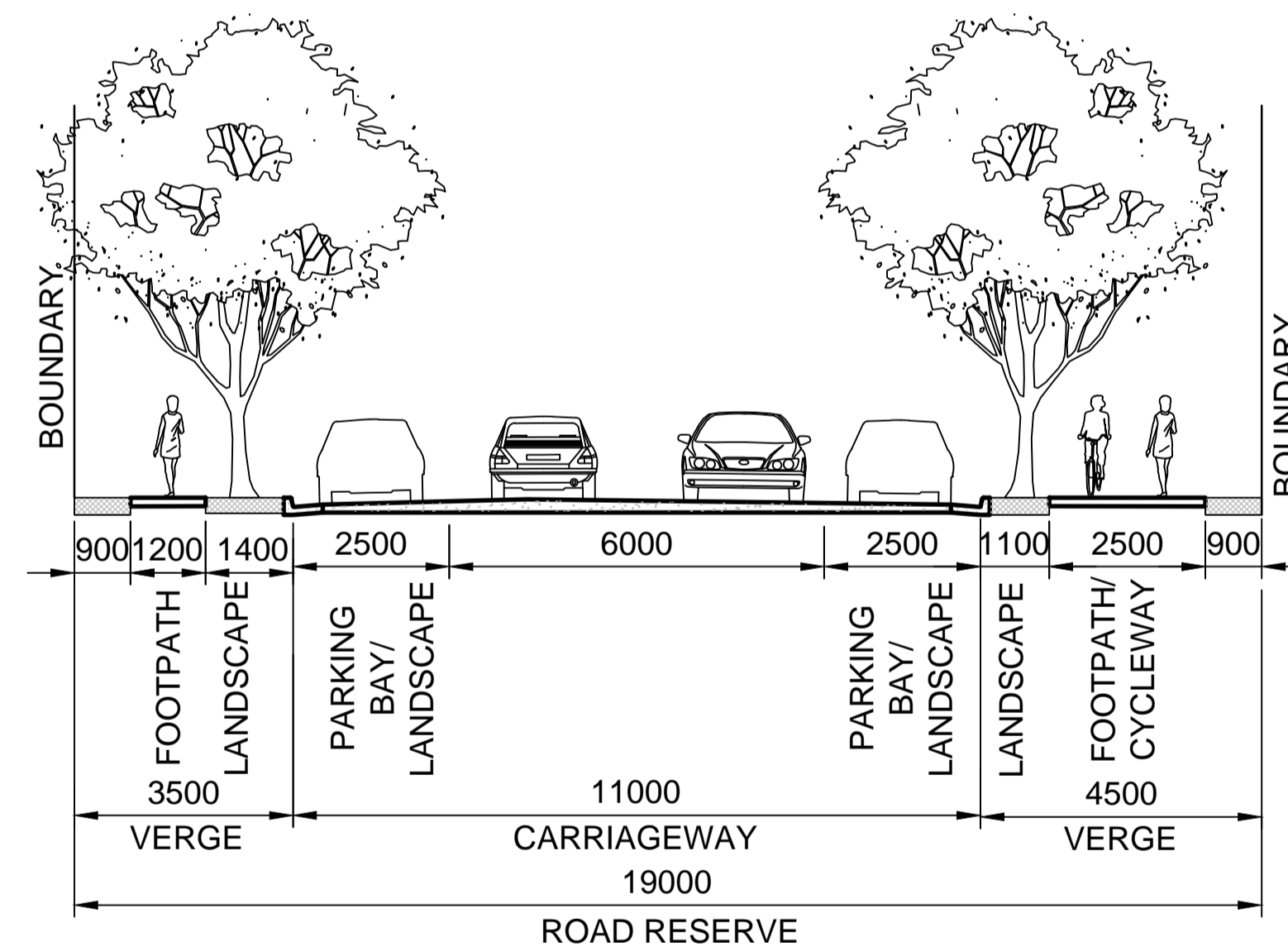
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CHAINAGE 150.000 - 240.000



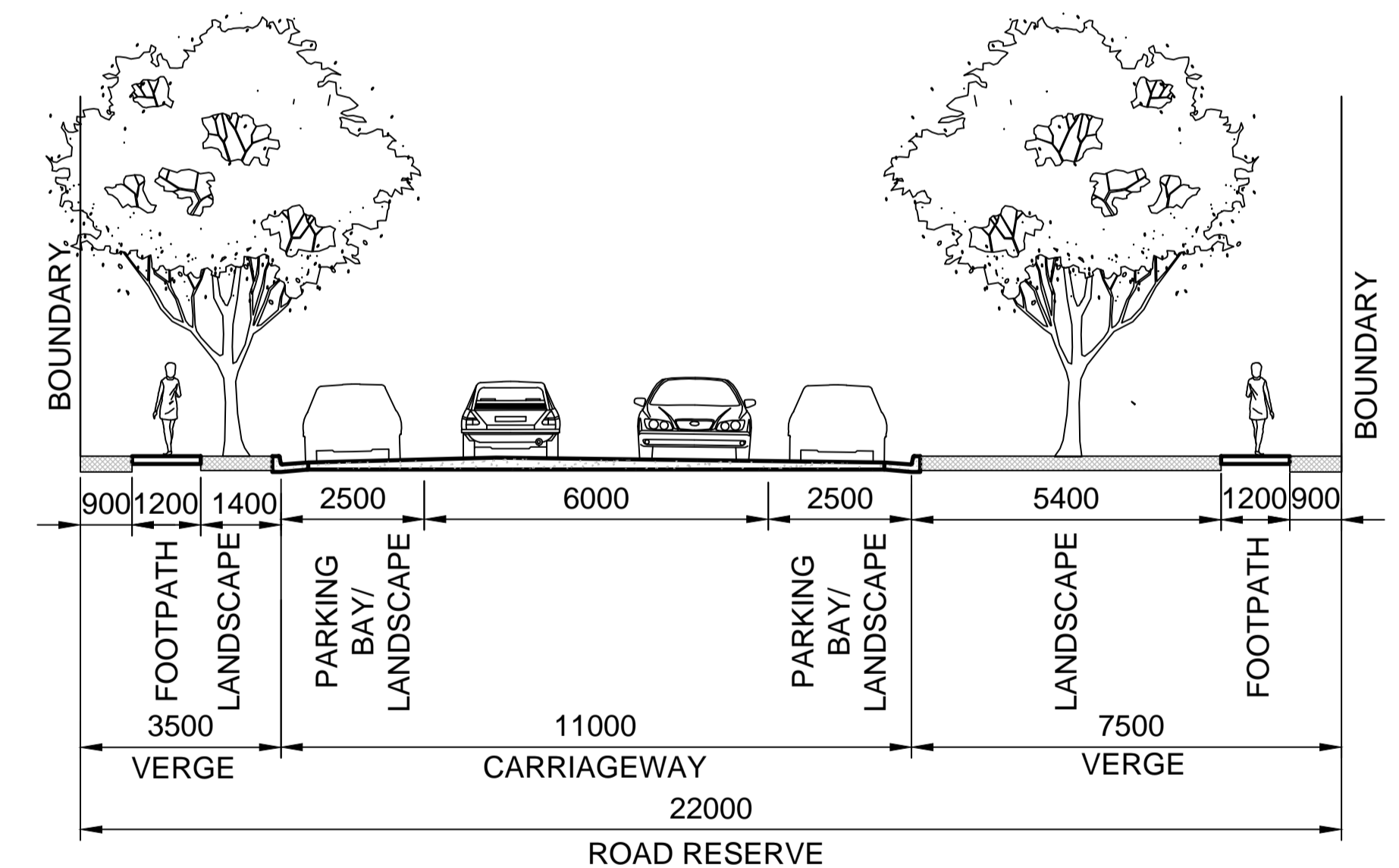
ROAD No. 1
(WHEN ADJACENT TO PARK) CHAINAGE 320.000 - 400.000



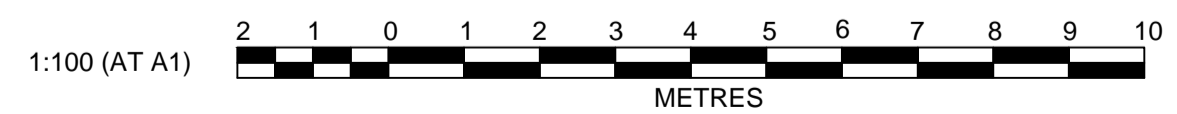
ROAD No. 1
CHAINAGE 240.000 - 320.000



ROAD No. 1
CHAINAGE 400.000 - 645.000



ROAD No. 5
CHAINAGE 253.995 - 350.000



Plotfile: November 17, 2010 File Name: J:\9015DA05 - Development Application Approval Plans\9015DA05 TYP ROAD.XSI.dwg

AMENDMENT	DES	DRN	CKD	APR	DATE
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C	DJH	DJH	KN	SA	10/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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AZIMUTH:
DATUM:
ORIGIN:

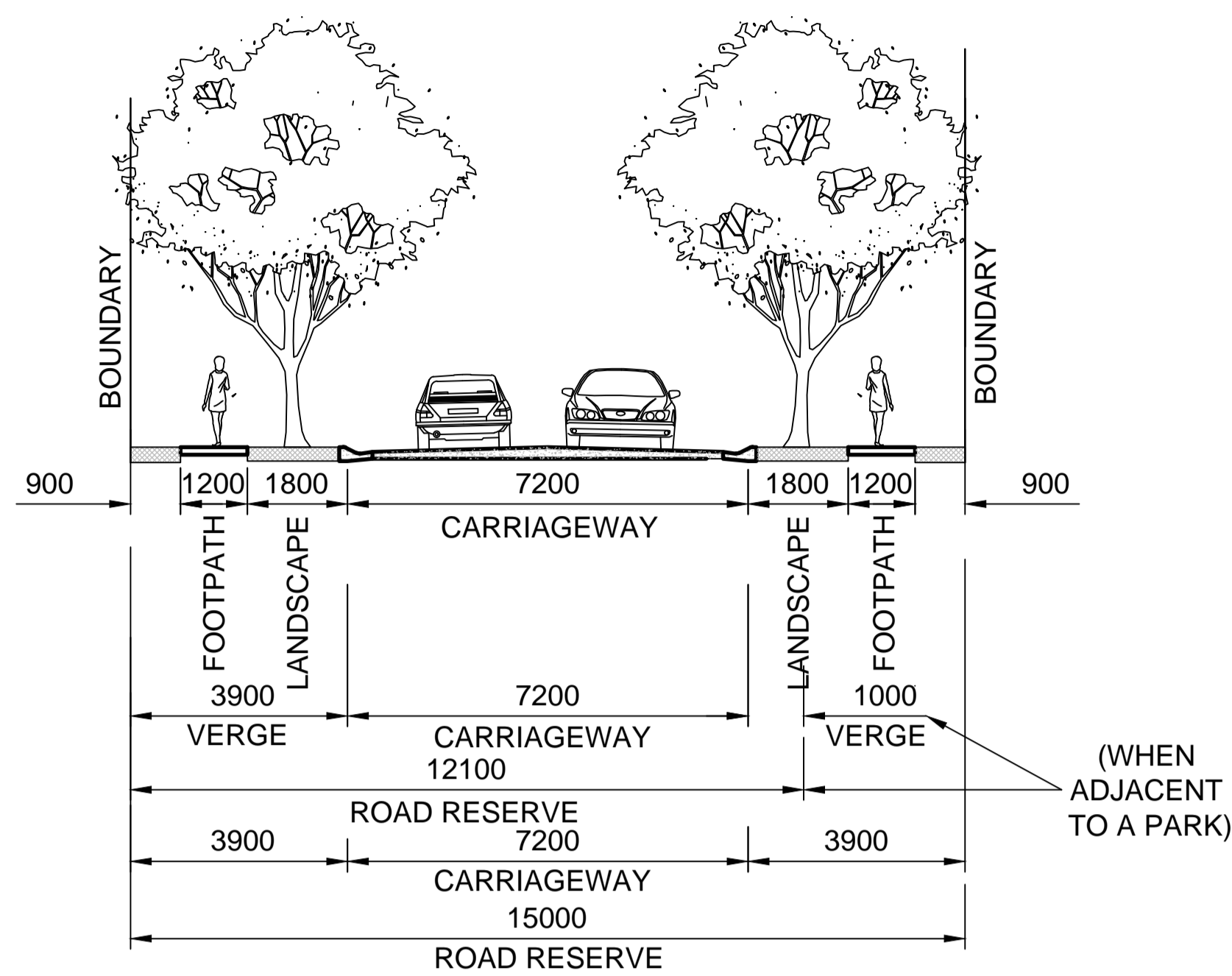
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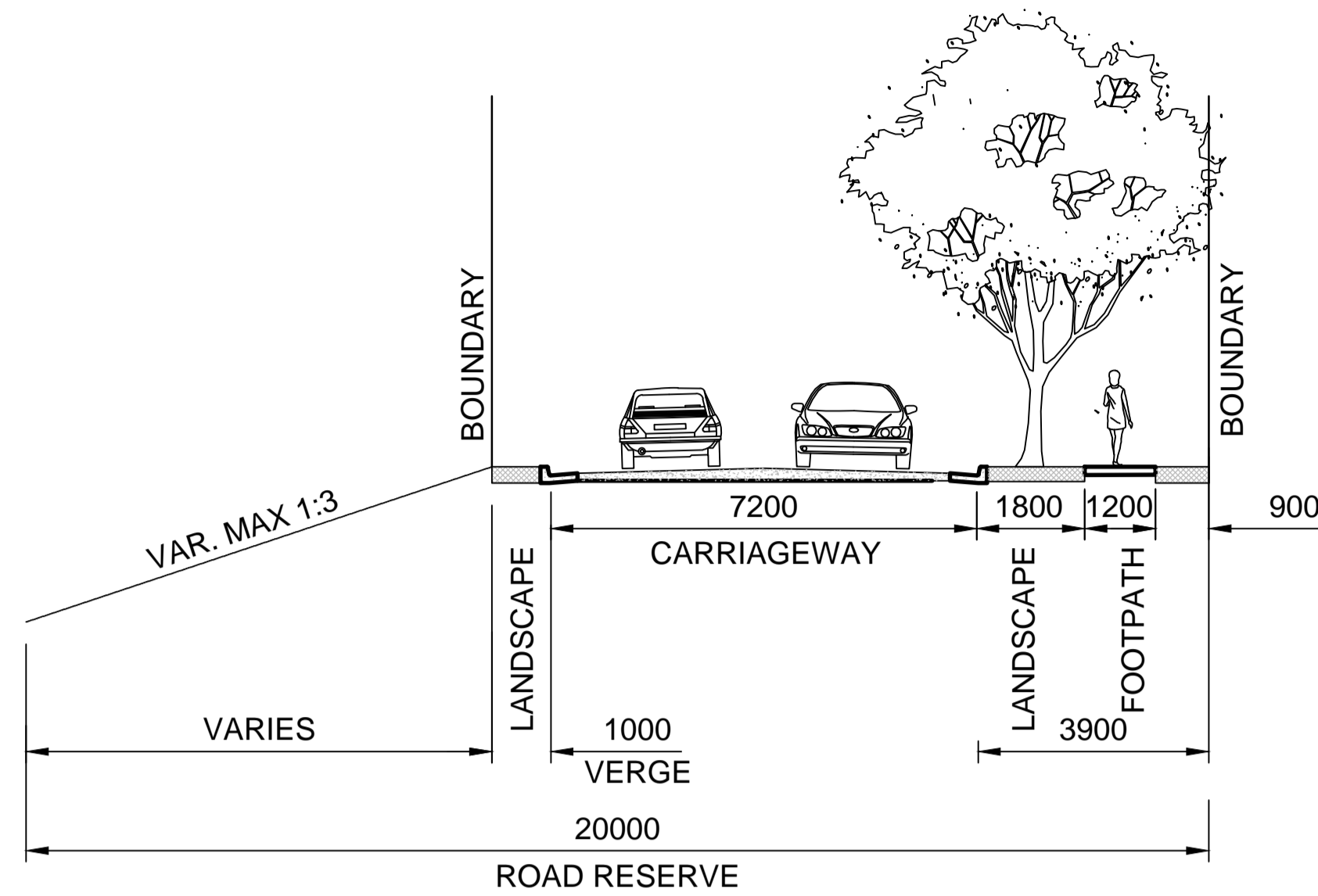
ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
TYPICAL ROAD CROSS SECTIONS
ROAD No. 1 AND 5

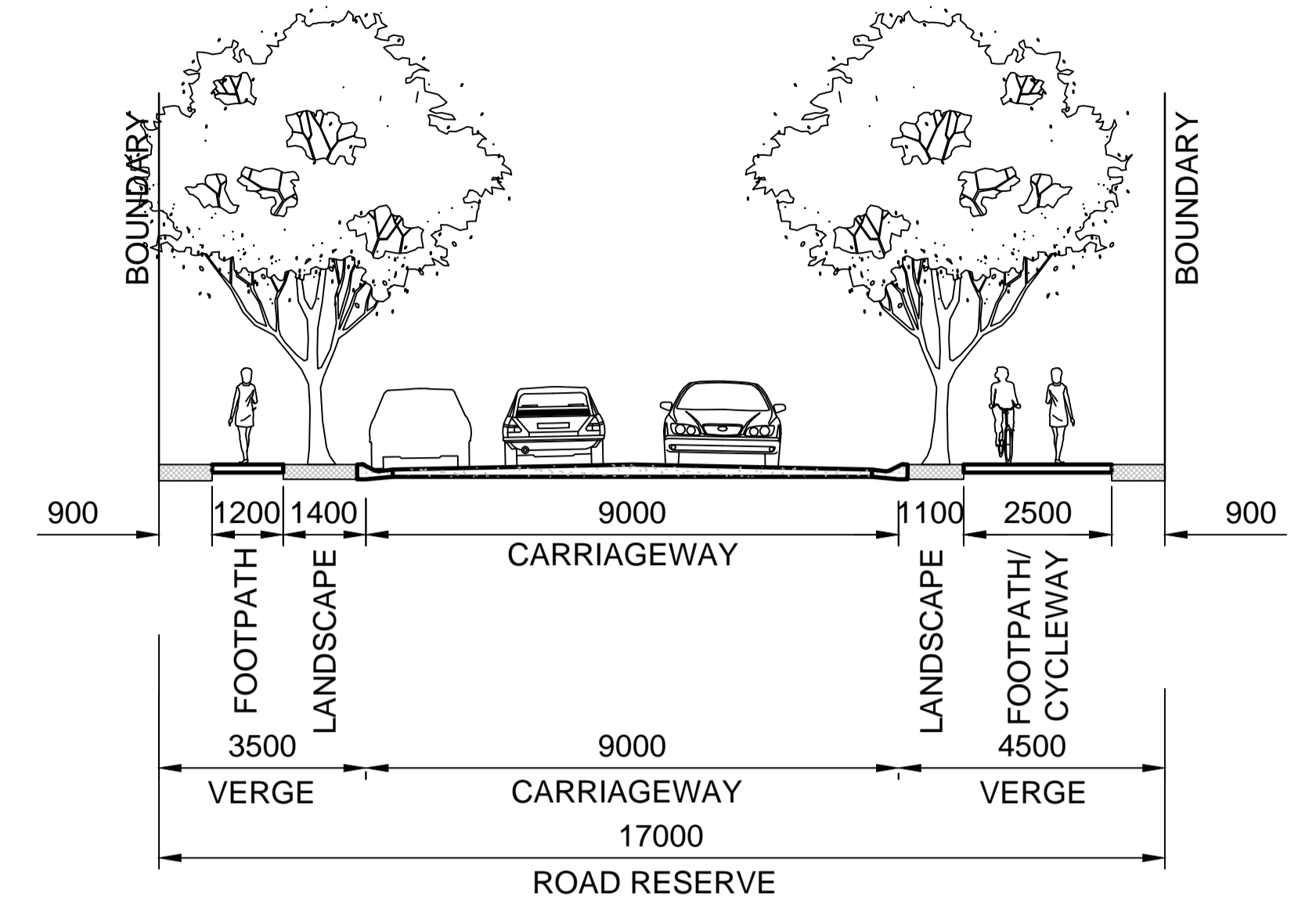
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FILE No: 9015DA05
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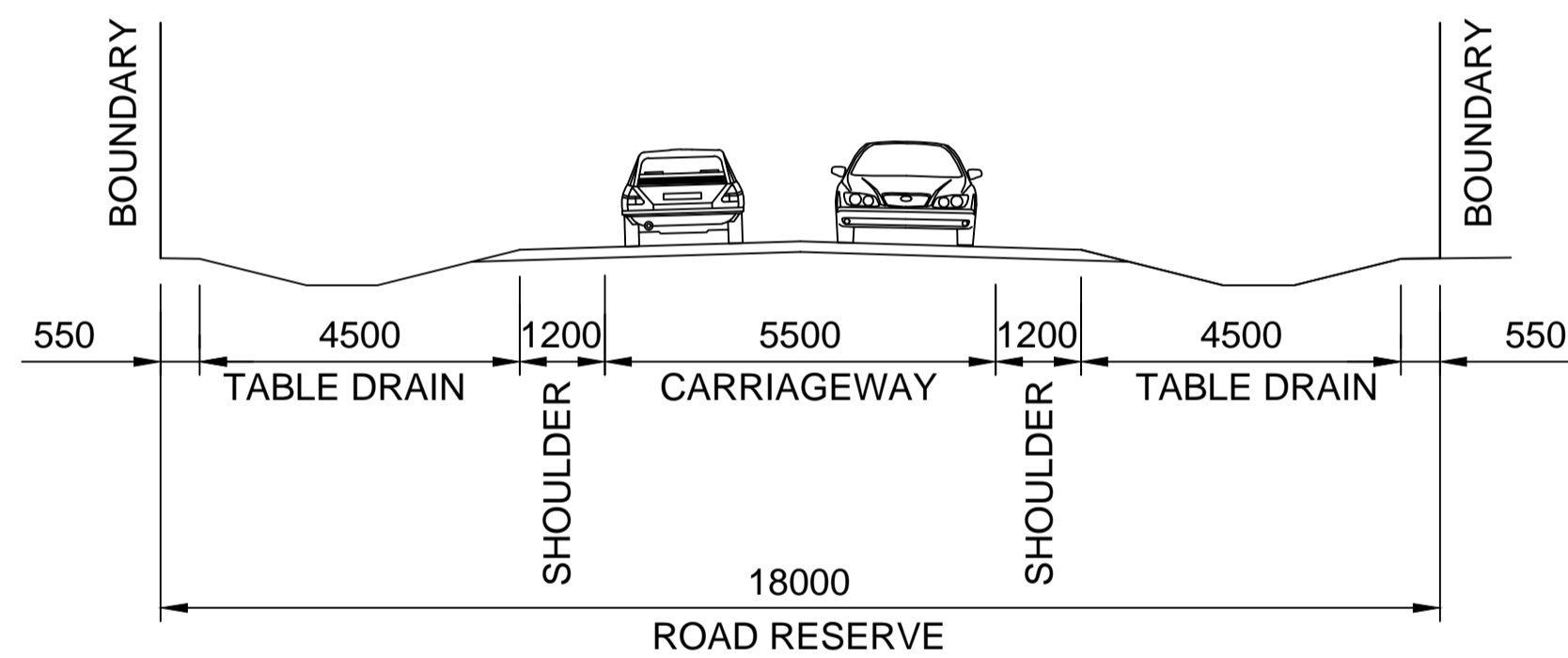
LOCAL ROAD (MINOR)
ROAD No. 2, 3, 6, 7, 8, 10
11, 13, 15, 16 & 17



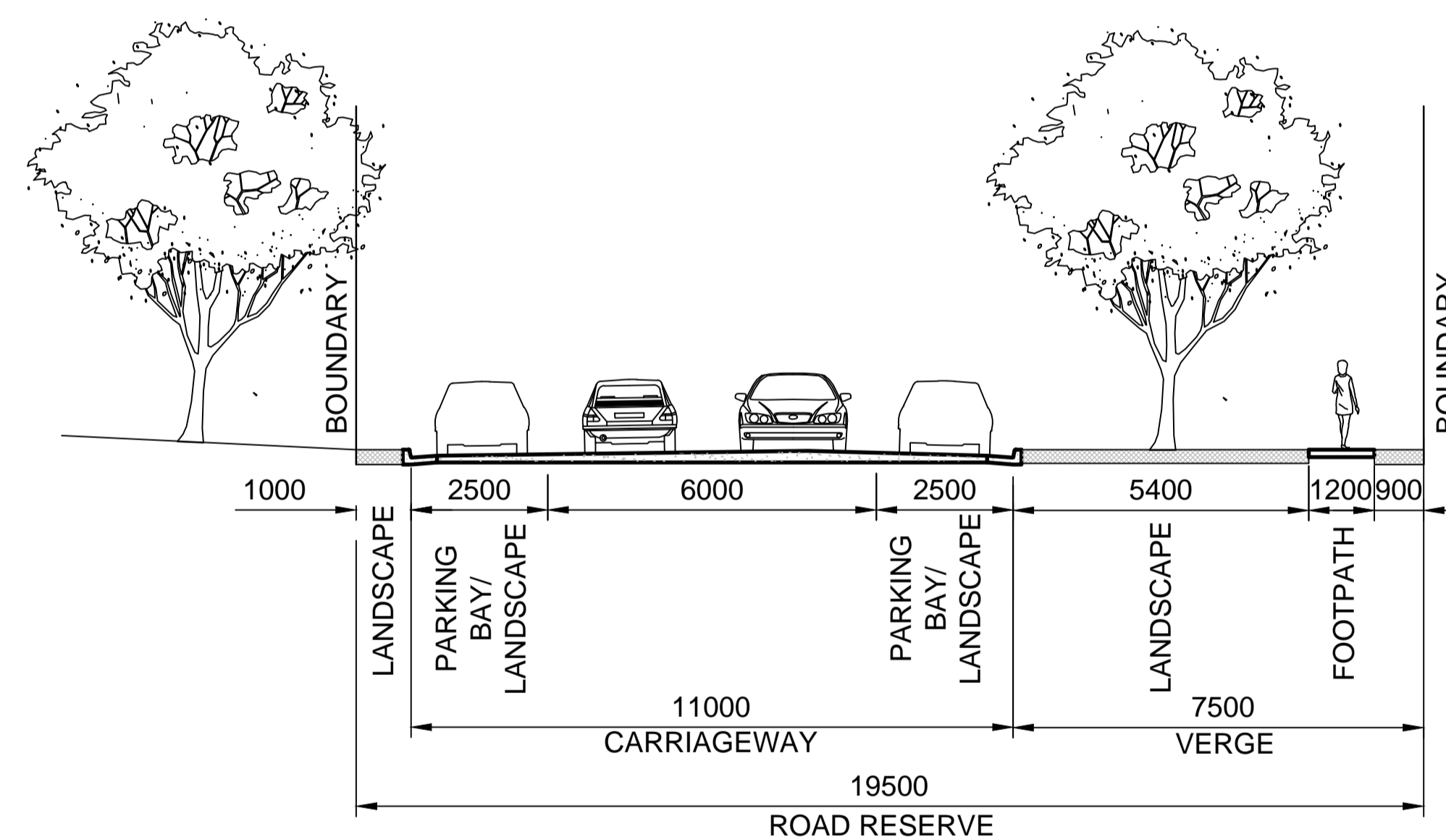
ZOUCH ROAD



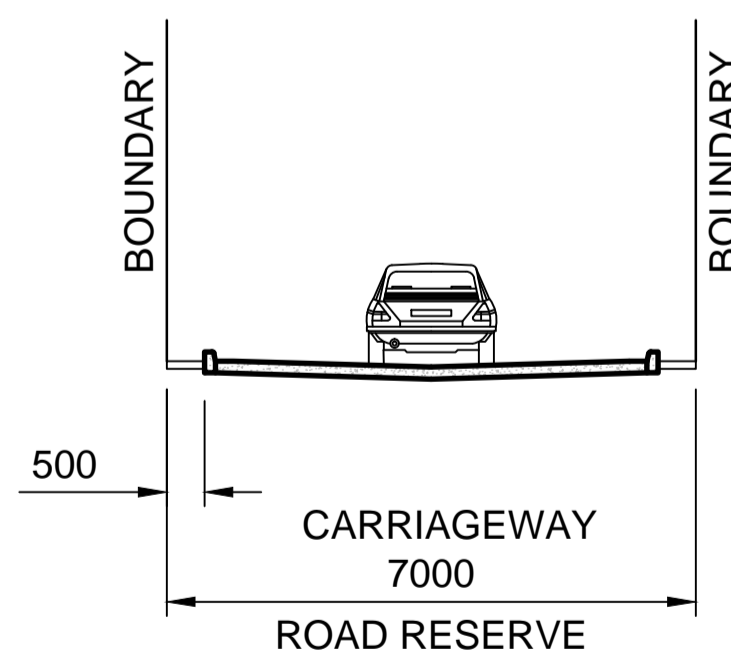
ROAD No. 12 & 14



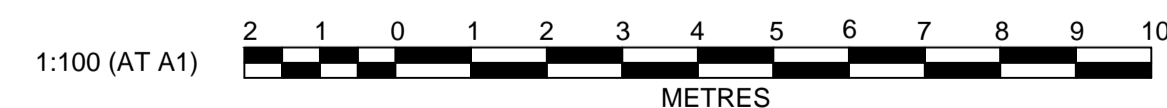
RURAL RESIDENTIAL ROAD
ROAD No. 18



ROAD No. 5
(WHEN ADJACENT TO PARK) CHAINAGE 350.000 - 436.225



SERVICE LANE



Plotfile: November 17, 2010 File Name: J:\9015DA06 - Development Application Approval Plans\9015DA06 TYP ROAD.XSZ.dwg

F	DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
E	RE-ISSUED FOR PPR	DJH	TK	KN	SA	17/11/10
D	MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
C	RURAL RESIDENTIAL ROAD ADJUSTED	DJH	TK	KN	SA	05/11/10
B	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10
	AMENDMENT	DES	DRN	CKD	APR	DATE

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

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ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION

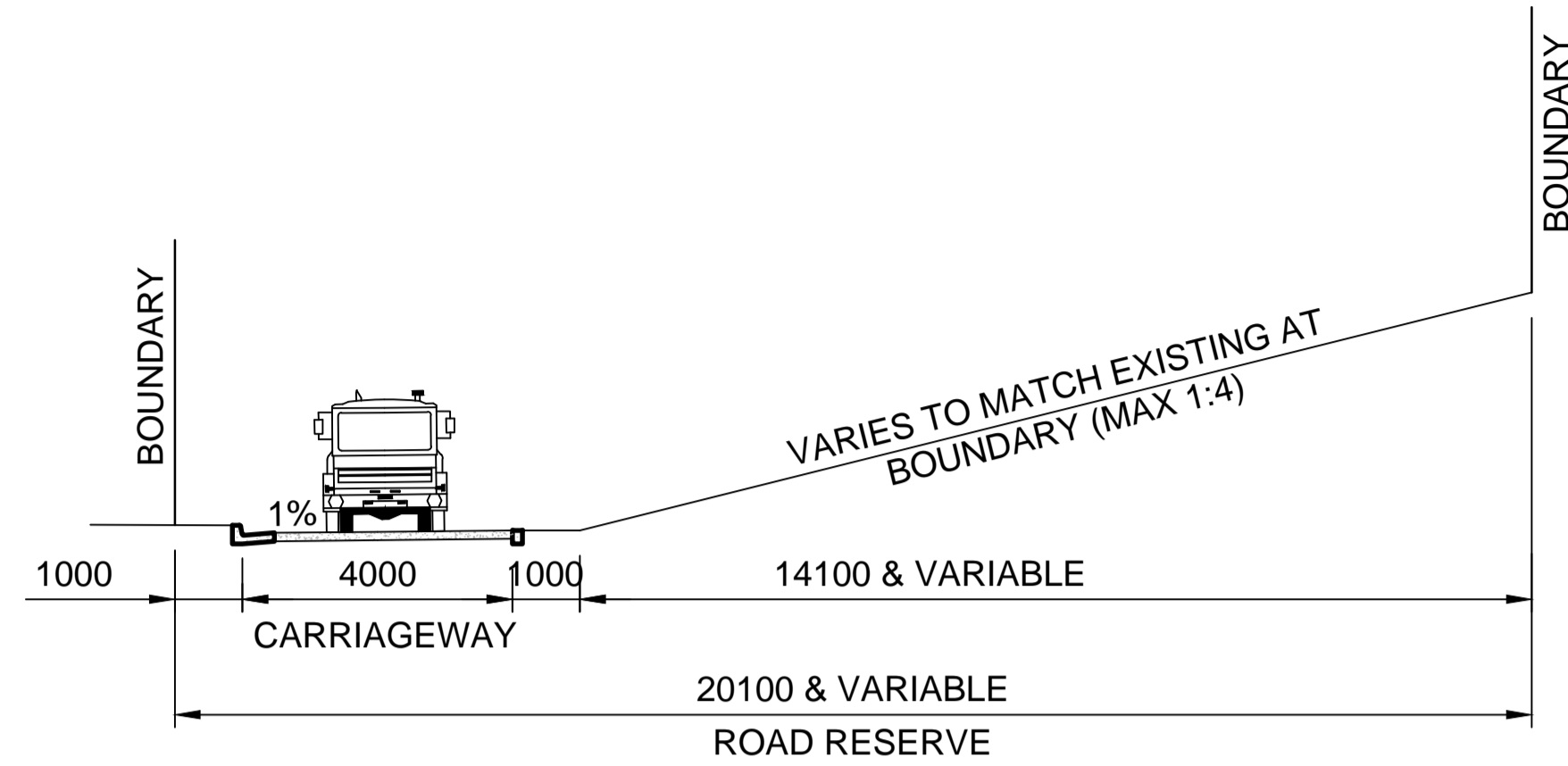
TYPICAL ROAD CROSS SECTIONS
ROAD No. 2 TO 4, 5 CONT'D AND 6 TO 16

PLAN No:
9015/DA06 **F**

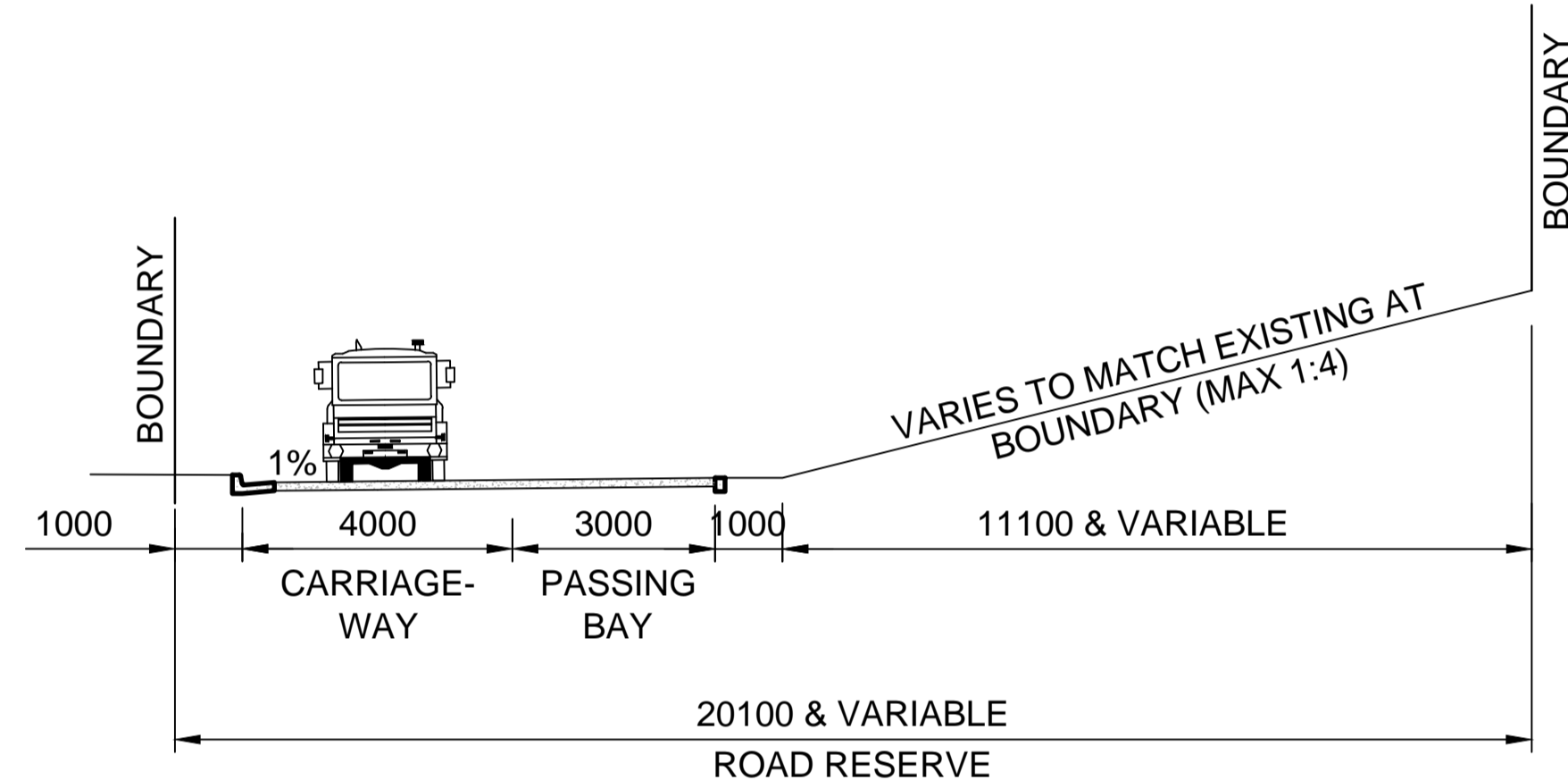
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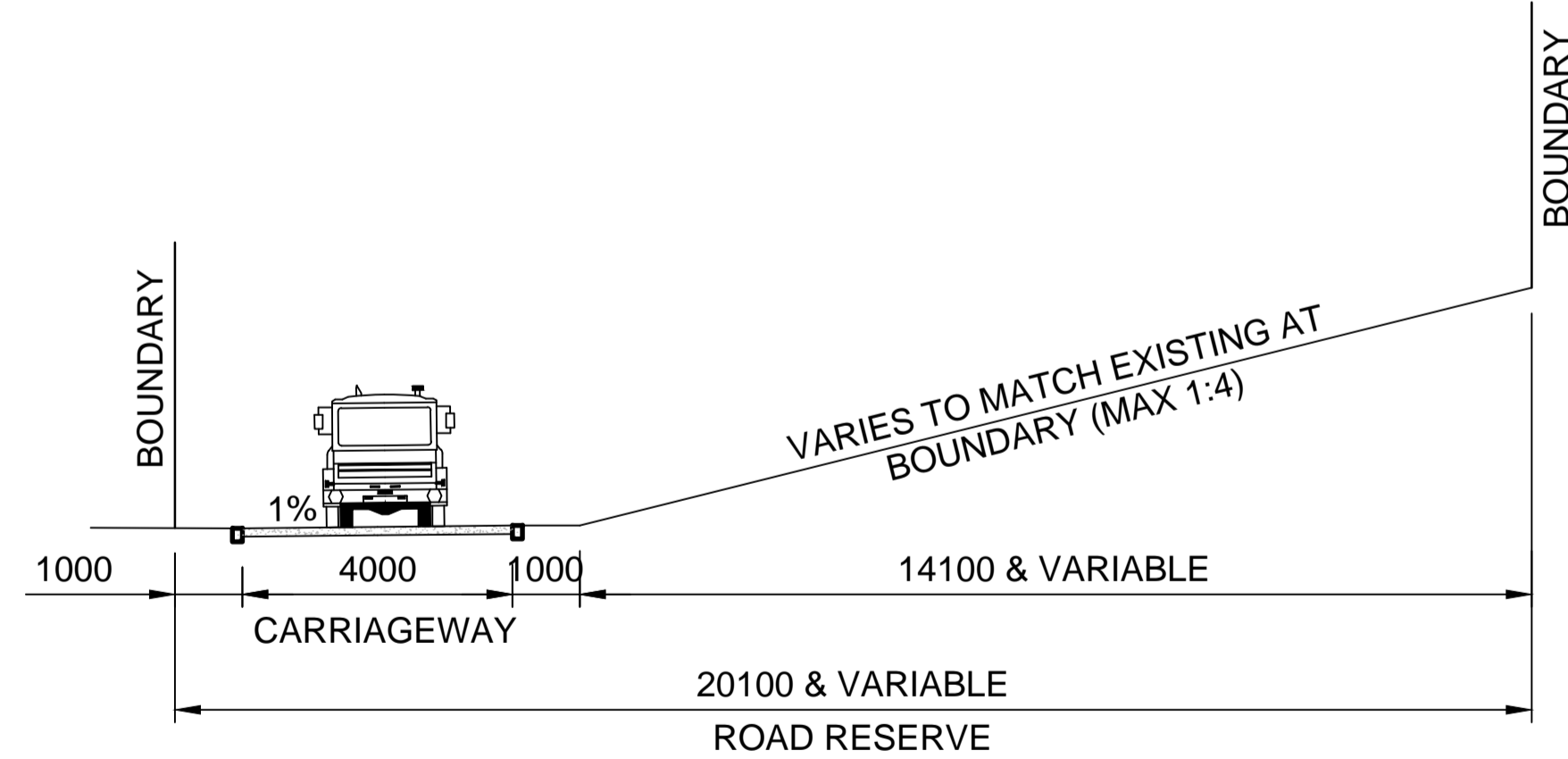
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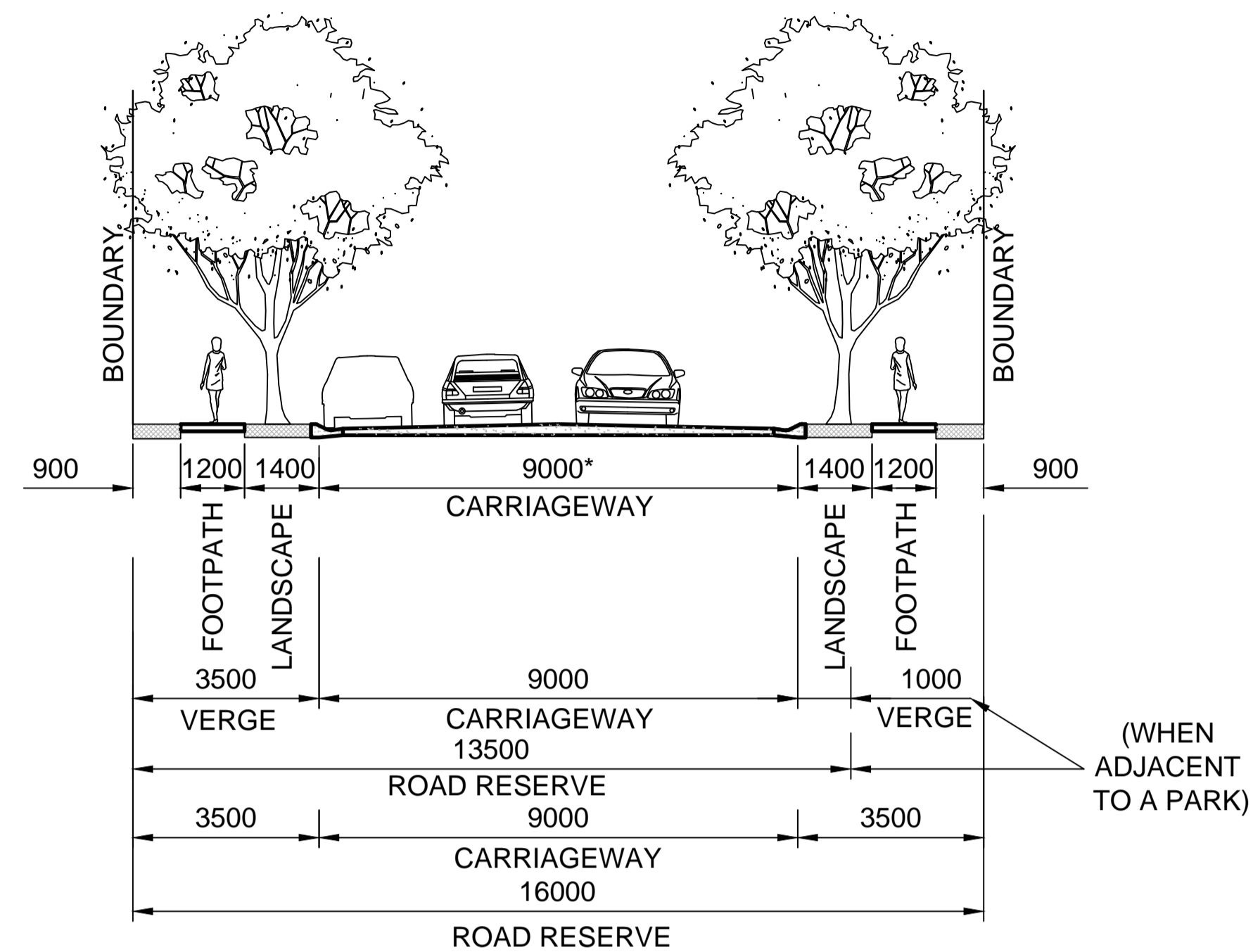
DRIVEWAY 1
 CHAINAGE 0.000 - 224.000



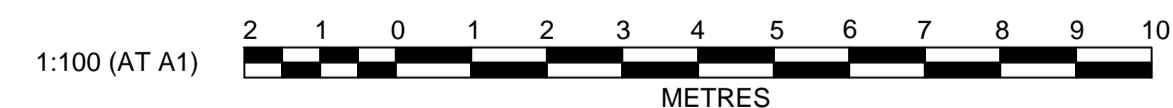
DRIVEWAY 1
 CHAINAGE 180.000 - 210.000



DRIVEWAY 1



ROAD No. 4 & 9



AMENDMENT	DES	DRN	CKD	APR	DATE
C DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
B AMENDMENTS MADE TO DRIVEWAY 1 AND DRIVEWAY SECTIONS	DJH	TK	KN	SA	17/11/10
A MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10

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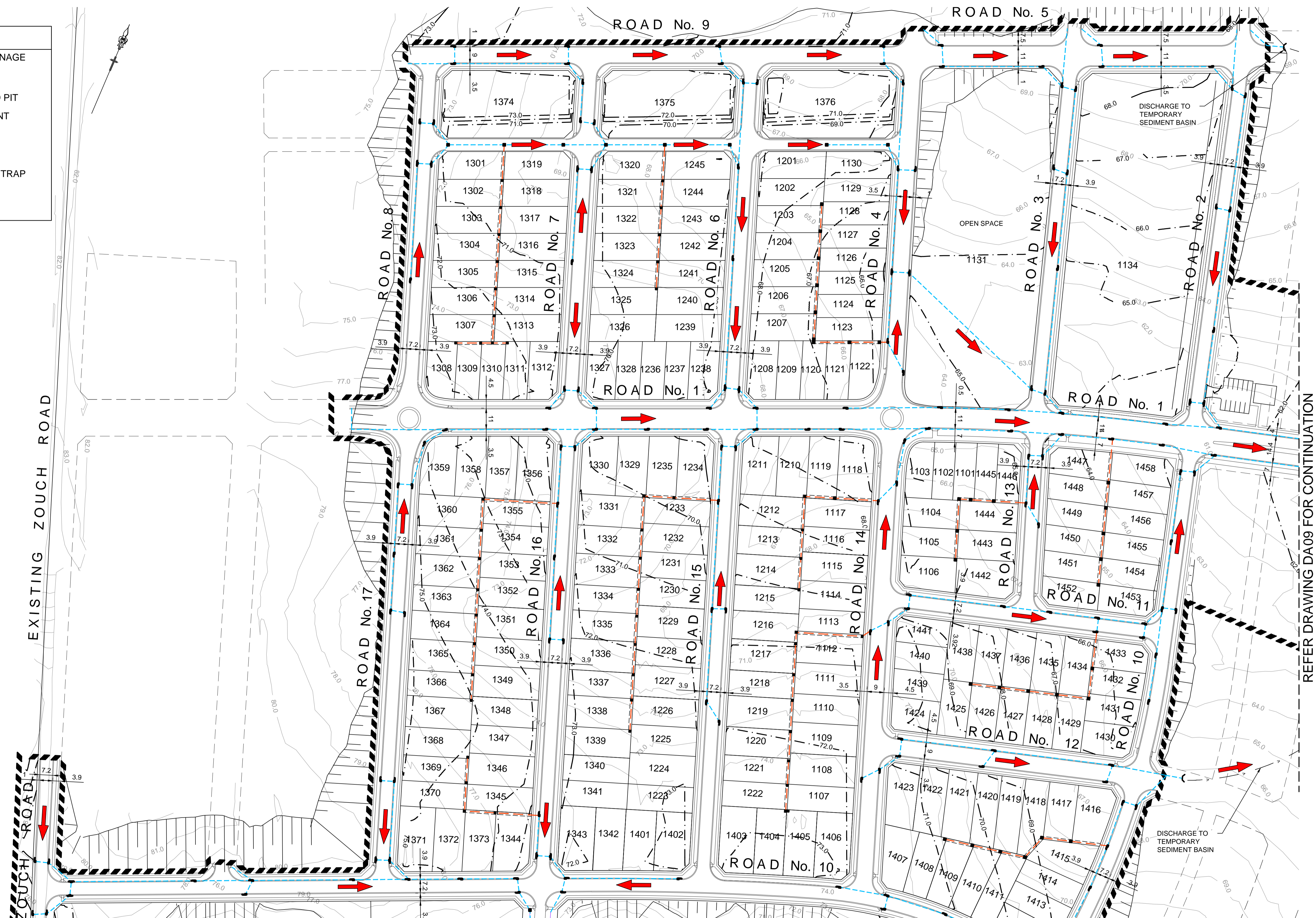
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ISSUED FOR
PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH
 STAGE 1 PROJECT APPLICATION
 TYPICAL ROAD CROSS SECTIONS

PLAN No:	9015/A06A	C
FILE No:	9015DA06A	
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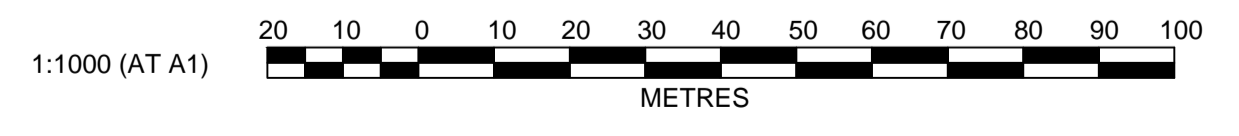
LEGEND	
	STORMWATER DRAINAGE LINE AND PIT
	INTER-ALLOTMENT DRAINAGE LINE AND PIT
	DRAINAGE EASEMENT
	FLOW ARROW
	SWALE
	GROSS POLLUTANT TRAP
	SPLITTER PIT



EXISTING ZOUCH ROAD

REFER DRAWING DA09 FOR CONTINUATION

REFER DRAWING DA08 FOR CONTINUATION



Plotfile: November 17, 2010 File Name: J:\9015DA07 - Development Application Plans\9015DA07 DRAINAGE PLAN1.dwg

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E	DJH	TK	KN	SA	17/11/10
D	DJH	DJH	KN	SA	10/11/10
C	DJH	VG	KN	SA	05/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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AZIMUTH:
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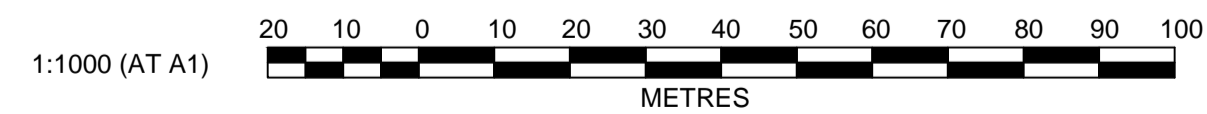
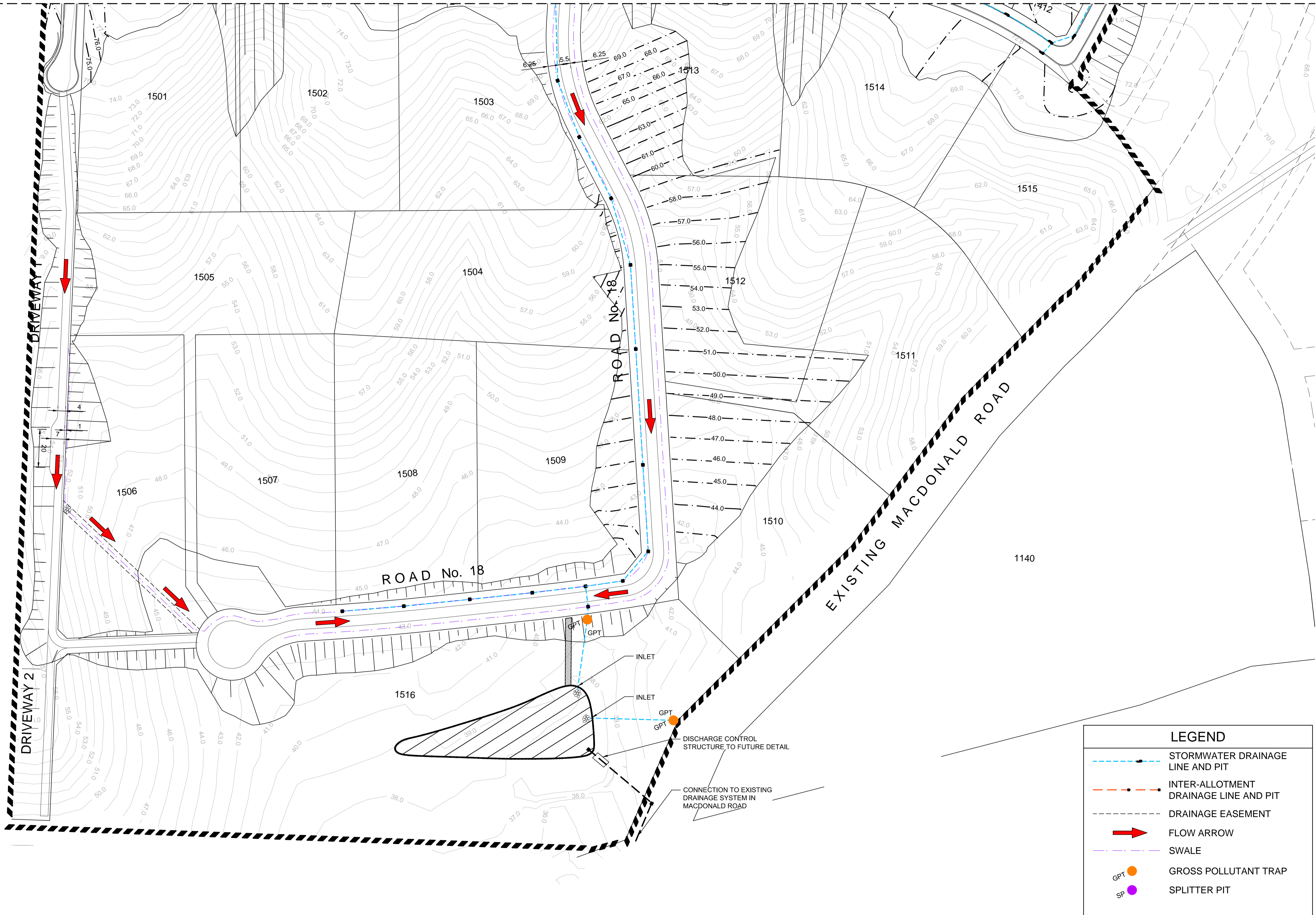
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ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH
 STAGE 1 PROJECT APPLICATION
 DRAINAGE PLAN
 SHEET 1

PLAN No: 9015/DA07 **F**
 FILE No: 9015DA07
 SHEET SIZE: A1 ORIGINAL

REFER DRAWING DA07 FOR CONTINUATION



LEGEND	
	STORMWATER DRAINAGE LINE AND PIT
	INTER-ALLOTMENT DRAINAGE LINE AND PIT
	DRAINAGE EASEMENT
	FLOW ARROW
	SWALE
	GROSS POLLUTANT TRAP
	SPLITTER PIT

Plotted: November 17, 2010. File Name: J:\9015DA08 - Development Application Approval Plans\9015DA08 DRAINAGE PLAN2.dwg

AMENDMENT	DES	DRN	CKD	APR	DATE
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E	DJH	TK	KN	SA	17/11/10
D	DJH	DJH	KN	SA	10/11/10
C	DJH	VG	KN	SA	05/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

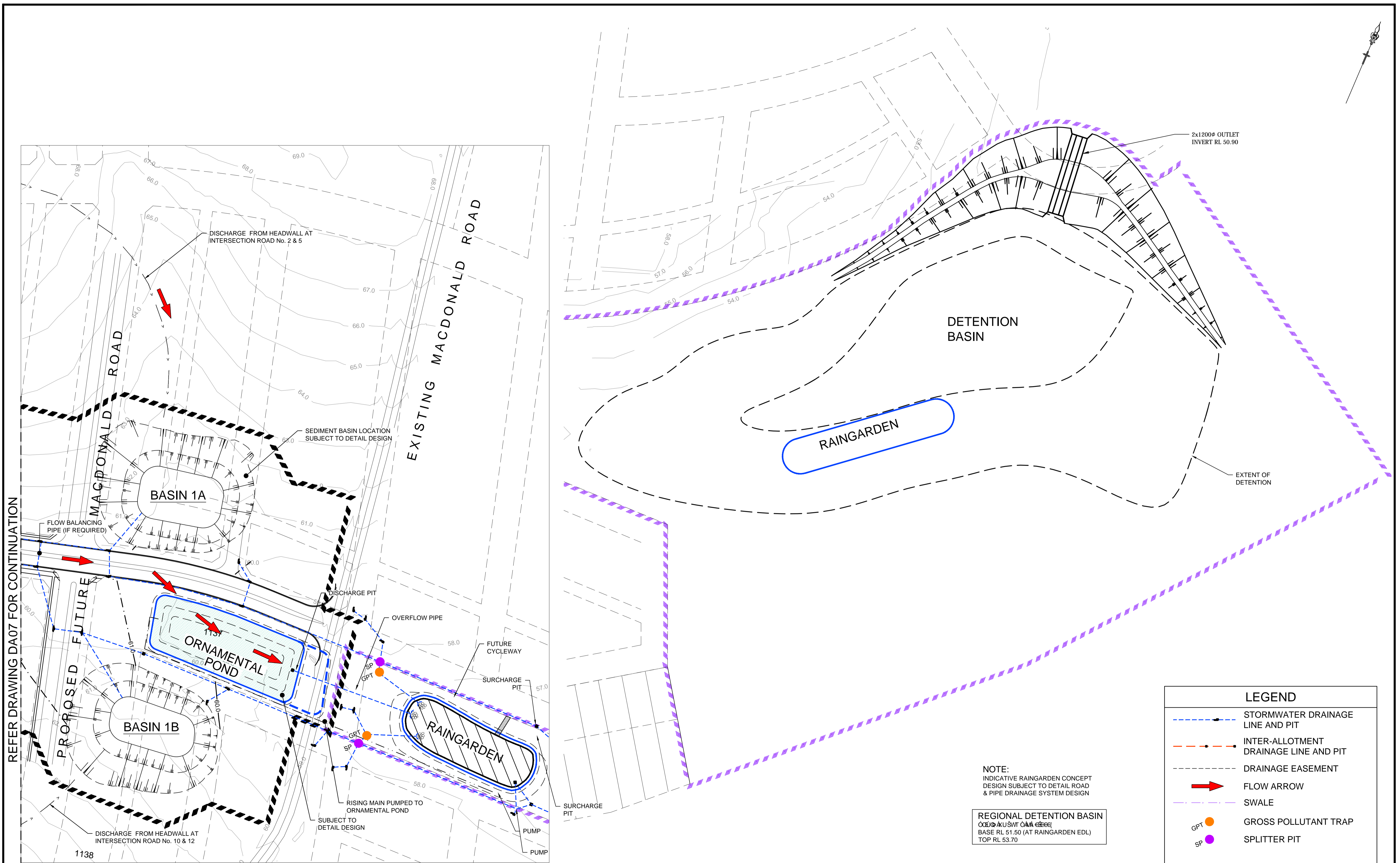
J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS
 PO Box 4366 PENRITH WESTFIELD NSW 2750
 P 02 4720 3300 F 02 4721 7638 W www.jwprince.com.au E jwp@jwprince.com.au

AZIMUTH:
 DATUM:
 ORIGIN:

CLIENT:
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ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION
 EDMONDSON PARK SOUTH
 STAGE 1 PROJECT APPLICATION
 DRAINAGE PLAN
 SHEET 2

PLAN No: 9015/DA08 **F**
 FILE No: 9015DA08
 SHEET SIZE: A1 ORIGINAL



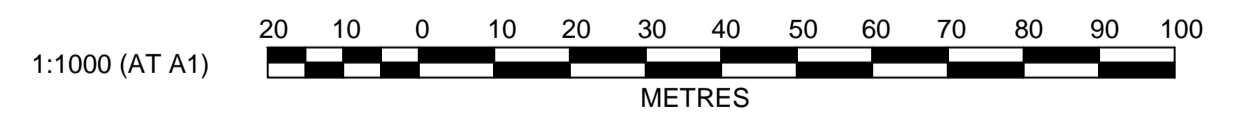
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Plotfile: November 17, 2010, File Name: J:\9015DA09 - Development Application Approval Plans\9015DA09 DRAINAGE PLAN3.dwg

LEGEND	
	STORMWATER DRAINAGE LINE AND PIT
	INTER-ALLOTMENT DRAINAGE LINE AND PIT
	DRAINAGE EASEMENT
	FLOW ARROW
	SWALE
	GROSS POLLUTANT TRAP
	SPLITTER PIT

NOTE:
INDICATIVE RAINGARDEN CONCEPT DESIGN SUBJECT TO DETAIL ROAD & PIPE DRAINAGE SYSTEM DESIGN

REGIONAL DETENTION BASIN
BASE RL 51.50 (AT RAINGARDEN EDL)
TOP RL 53.70



AMENDMENT	DES	DRN	CKD	APR	DATE
F	DJH	TK	KN	SA	17/11/10
E	DJH	TK	KN	SA	17/11/10
D	DJH	DJH	KN	SA	10/11/10
C	DJH	VG	KN	SA	05/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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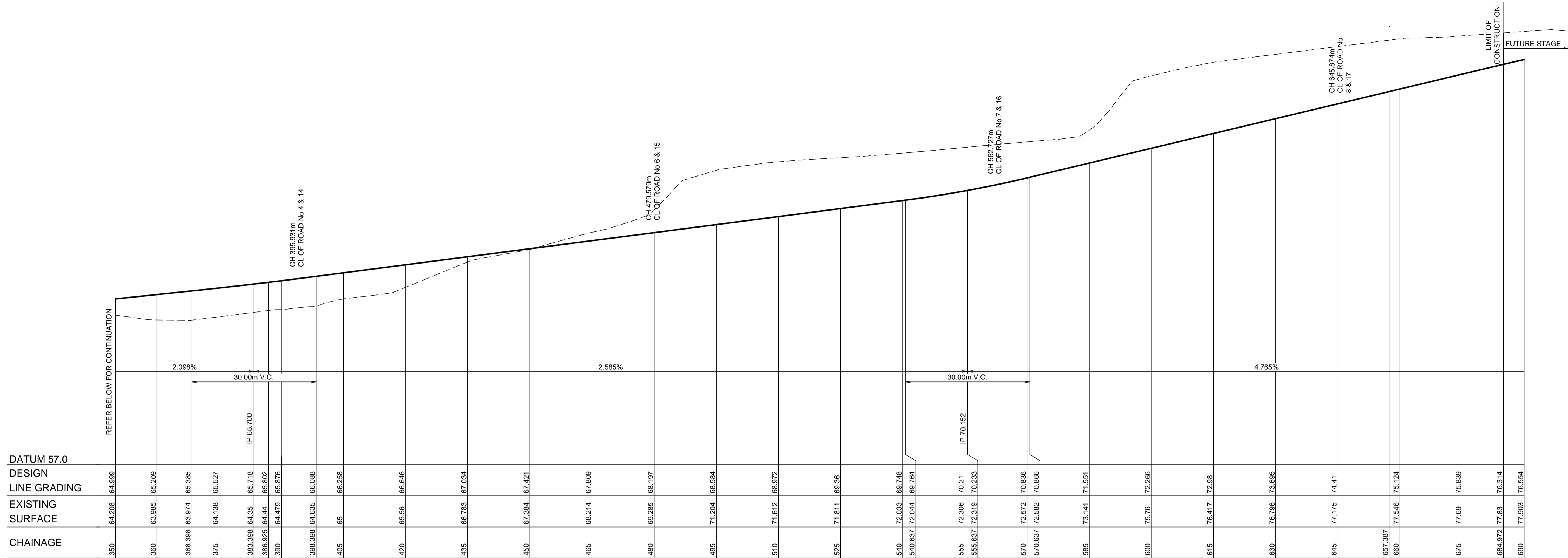
ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION

DRAINAGE PLAN
SHEET 3

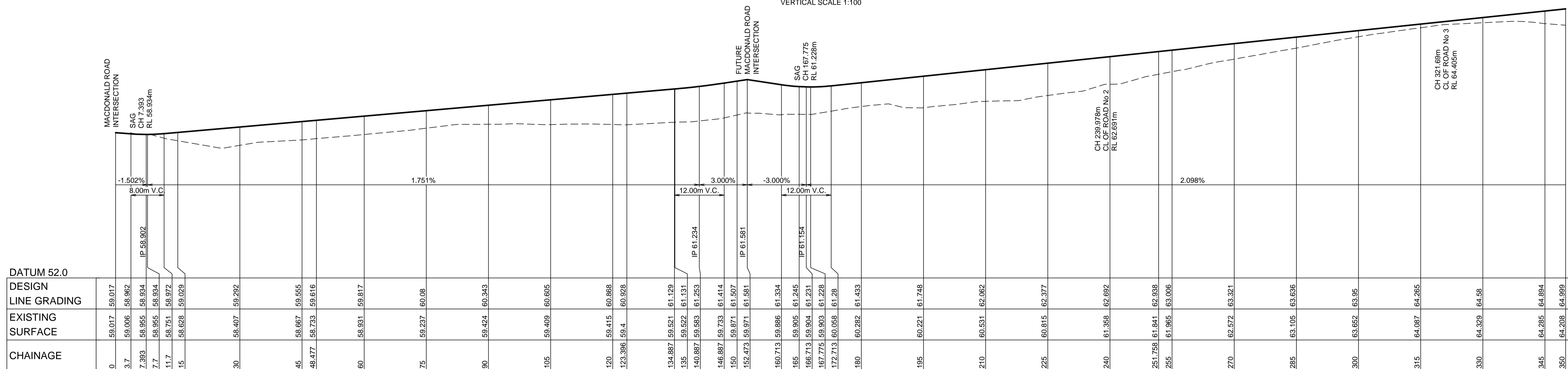
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FILE No: 9015DA09	
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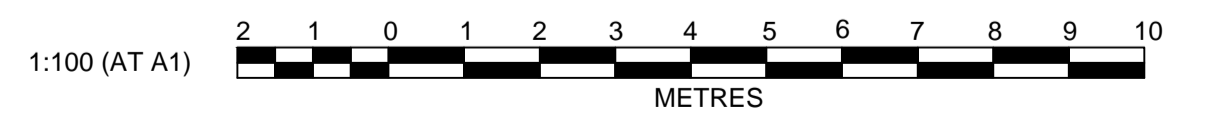
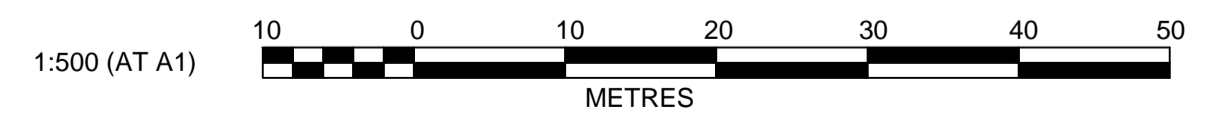
CHAINAGE	EXISTING SURFACE	DESIGN LINE GRADING
350	64.208	64.999
360	63.985	65.209
368.398	63.974	65.385
375	64.138	65.527
383.398	64.35	65.718
386.925	64.44	65.802
390	64.479	65.876
398.398	64.635	66.088
405	65	66.258
420	65.56	66.646
435	66.783	67.034
450	67.384	67.421
465	68.214	67.809
480	69.285	68.197
495	71.204	68.584
510	71.612	68.972
525	71.811	69.36
540	72.033	69.748
540.637	72.044	69.764
555	72.306	70.21
555.637	72.319	70.233
570	72.572	70.636
570.637	72.582	70.666
585	73.141	71.551
600	75.76	72.266
615	76.417	72.98
630	76.796	73.695
645	77.175	74.41
667.387		
660	77.546	75.124
675	77.69	75.839
684.972	77.83	76.314
690	77.903	76.554

LONGITUDINAL SECTION ROAD No 1
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



CHAINAGE	EXISTING SURFACE	DESIGN LINE GRADING
0	59.017	59.017
3.7	59.006	58.962
7.393	58.955	58.934
7.7	58.955	58.934
11.7	58.751	58.972
15	58.628	59.029
30	58.407	59.292
45	58.667	59.555
48.477	58.733	59.616
60	58.931	59.817
75	59.237	60.08
90	59.424	60.343
105	59.409	60.605
120	59.415	60.868
123.396	59.4	60.928
134.887	59.521	61.129
135	59.522	61.131
140.887	59.583	61.253
146.887	59.733	61.414
150	59.871	61.507
152.473	59.971	61.581
160.713	59.896	61.334
165	59.905	61.245
166.713	59.904	61.231
167.775	59.903	61.228
172.713	60.058	61.28
180	60.282	61.433
185	60.221	61.748
210	60.531	62.062
225	60.815	62.377
240	61.358	62.692
251.758	61.841	62.938
255	61.965	63.006
270	62.572	63.321
285	63.105	63.636
300	63.652	63.95
315	64.087	64.265
330	64.329	64.58
345	64.285	64.894
350	64.208	64.999

LONGITUDINAL SECTION ROAD No 1
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E	DJH	TK	KN	SA	17/11/10
D	DJH	TK	KN	SA	17/11/10
C	DJH	DJH	KN	SA	10/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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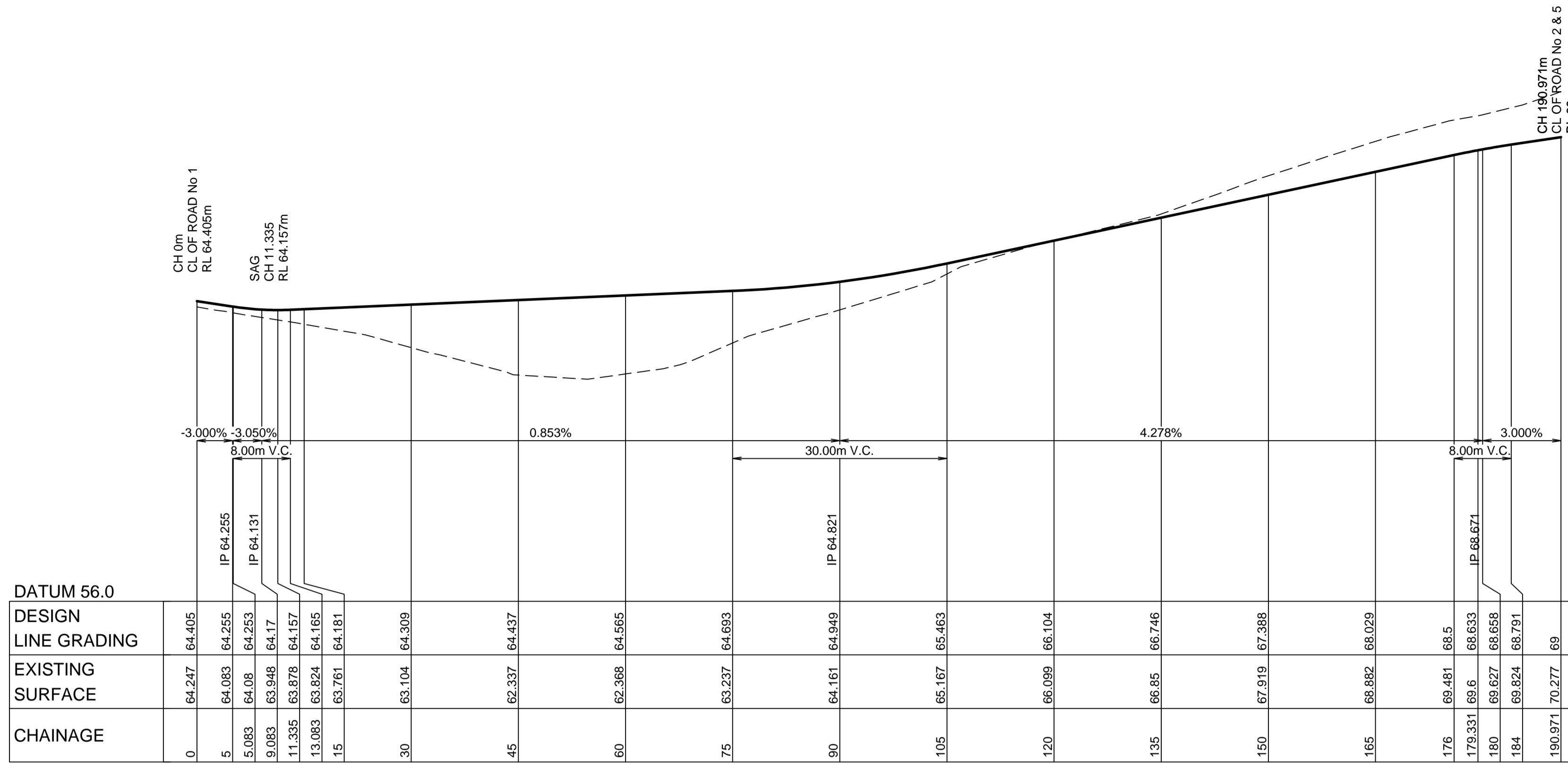
EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 1

PLAN No: **9015/DA10** E

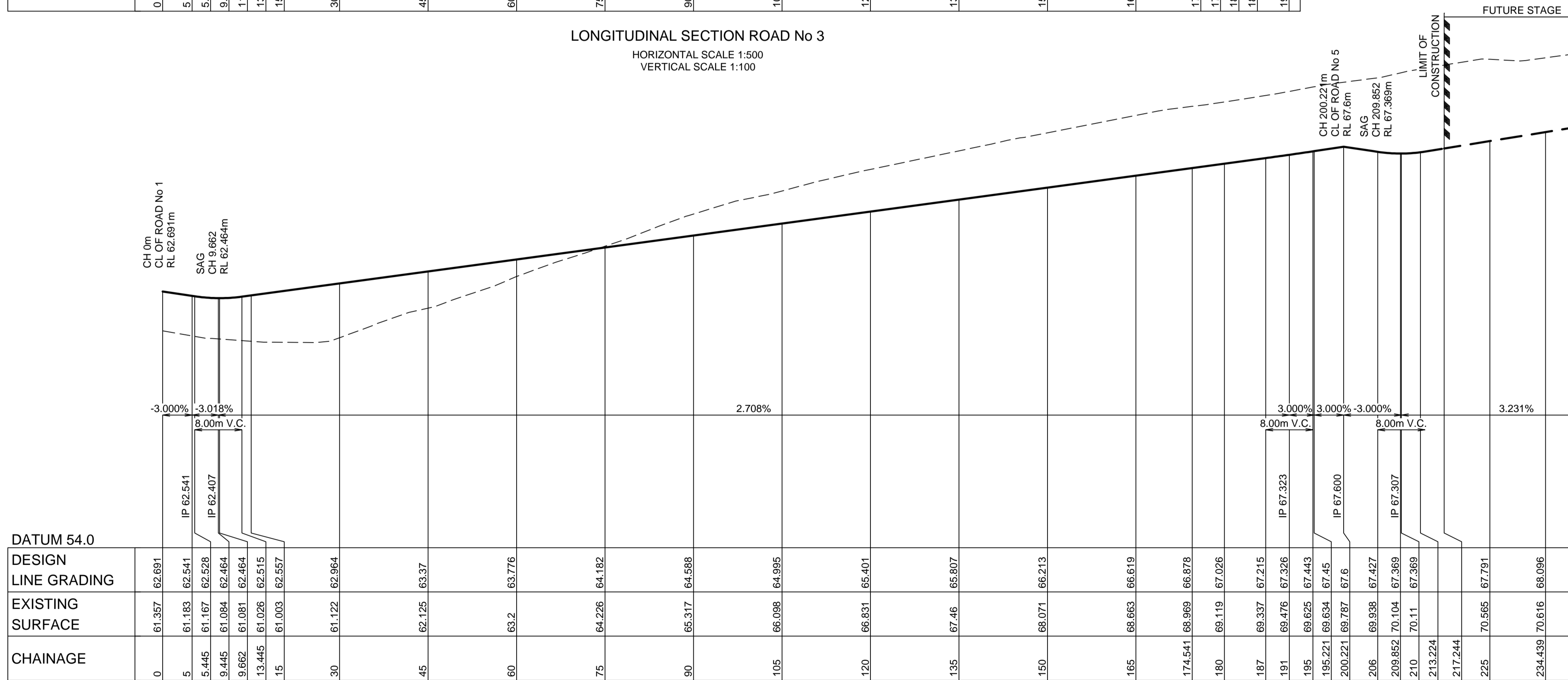
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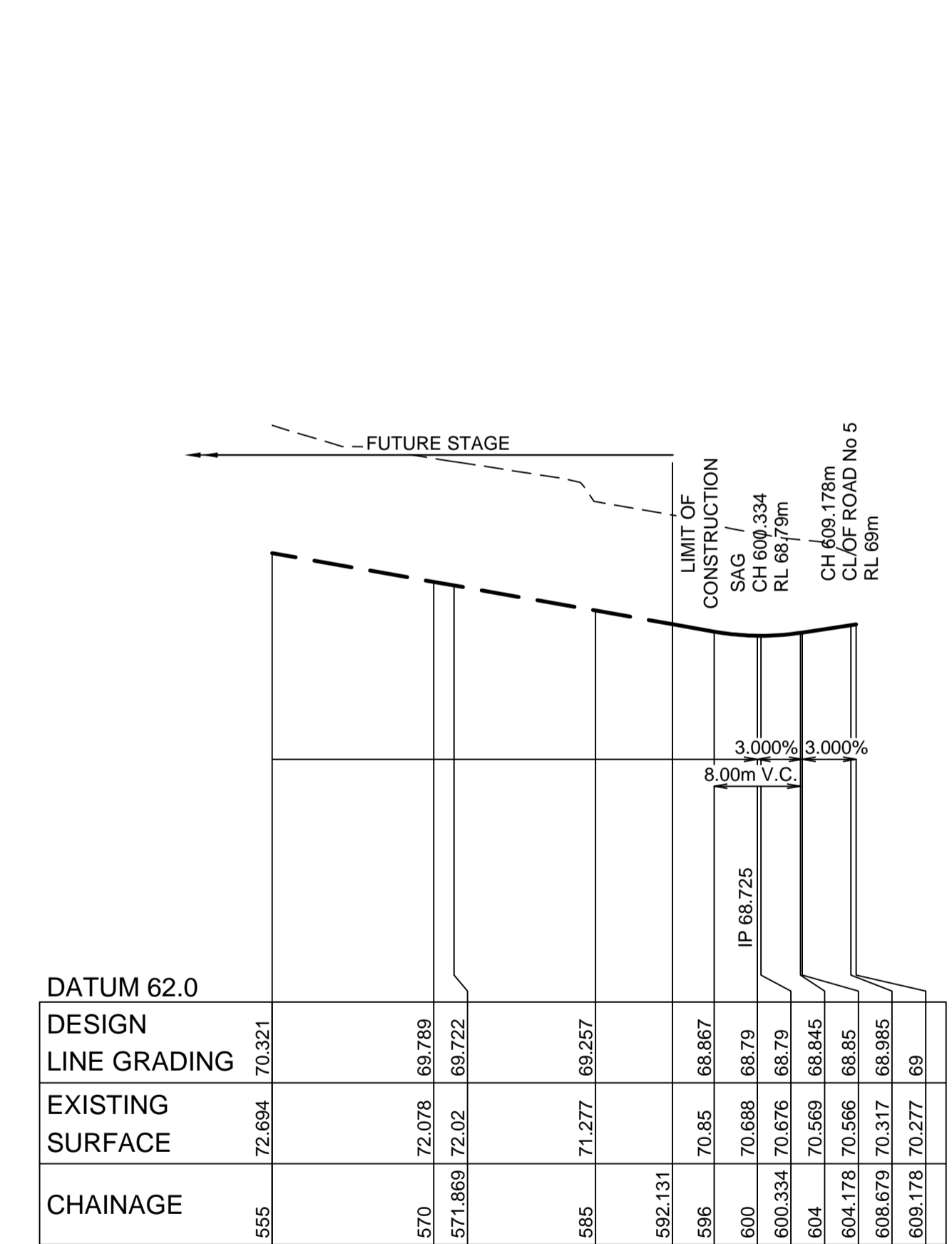
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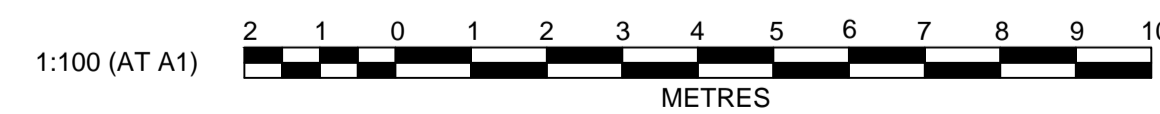
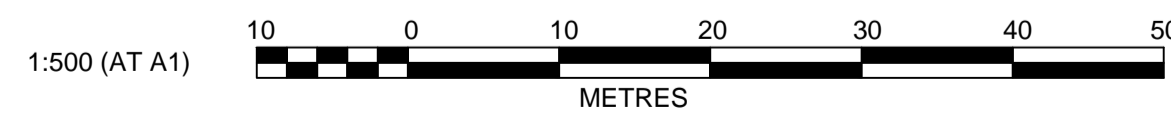
LONGITUDINAL SECTION ROAD No 3
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 2
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 2
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E	DJH	TK	KN	SA	17/11/10
D	DJH	TK	KN	SA	17/11/10
C	DJH	DJH	KN	SA	10/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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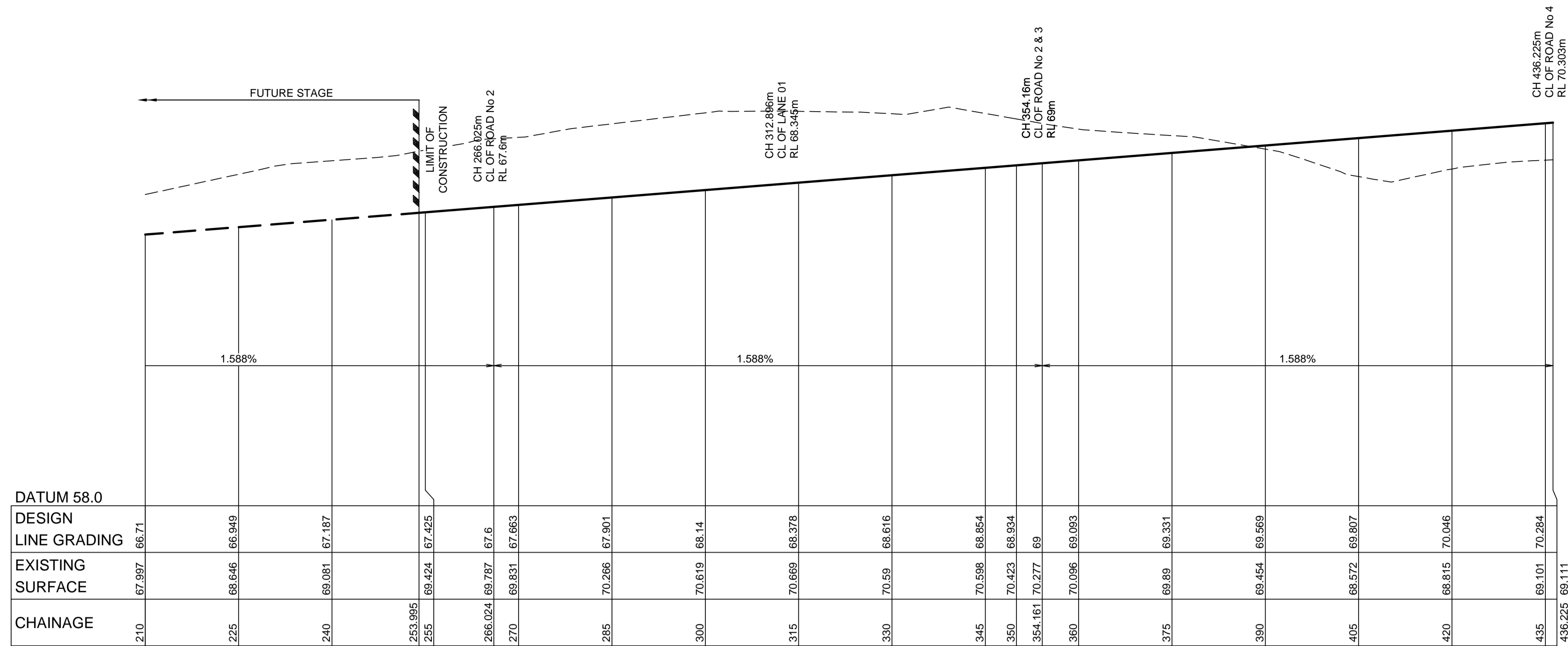
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ISSUED FOR
PART 3A STAGE 1 PROJECT APPLICATION

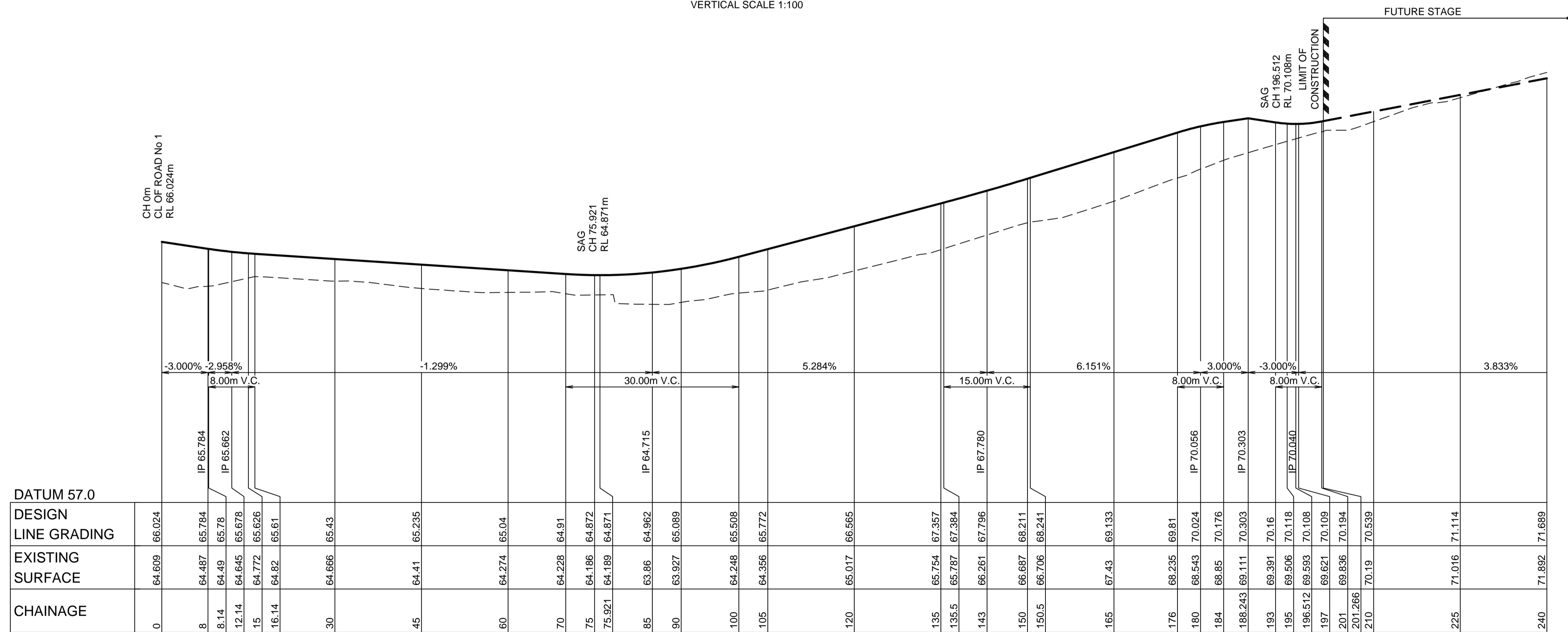
EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 2 AND 3

PLAN No:
9015/DA11 E
FILE No: 9015DA11
SHEET SIZE: A1 ORIGINAL

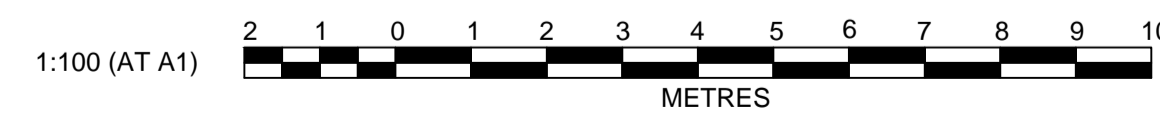
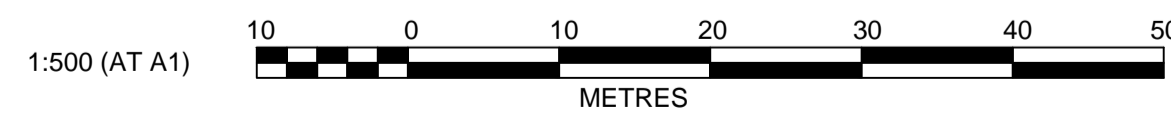
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LONGITUDINAL SECTION ROAD No 5
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 4
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
D RE-ISSUED FOR PPR	DJH	TK	KN	SA	17/11/10
C MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
B ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10

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DATUM:
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CLIENT:



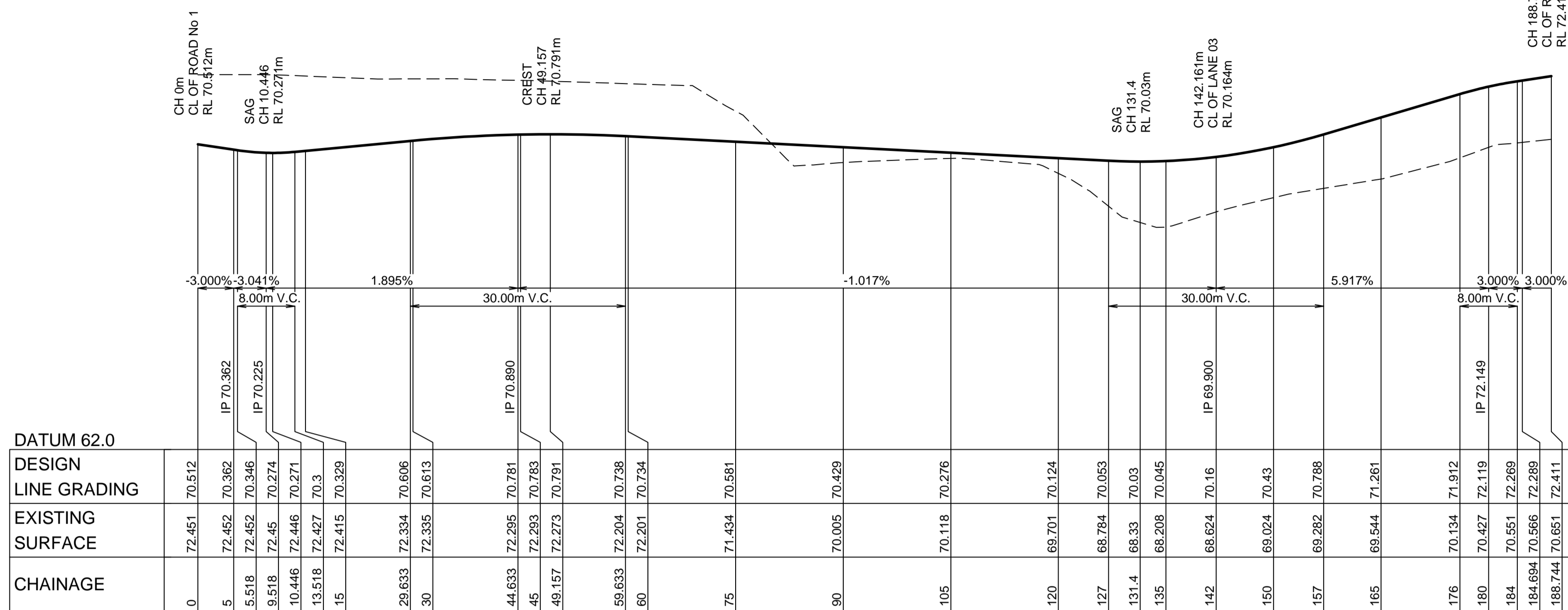
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ISSUED FOR
PART 3A STAGE 1 PROJECT APPLICATION

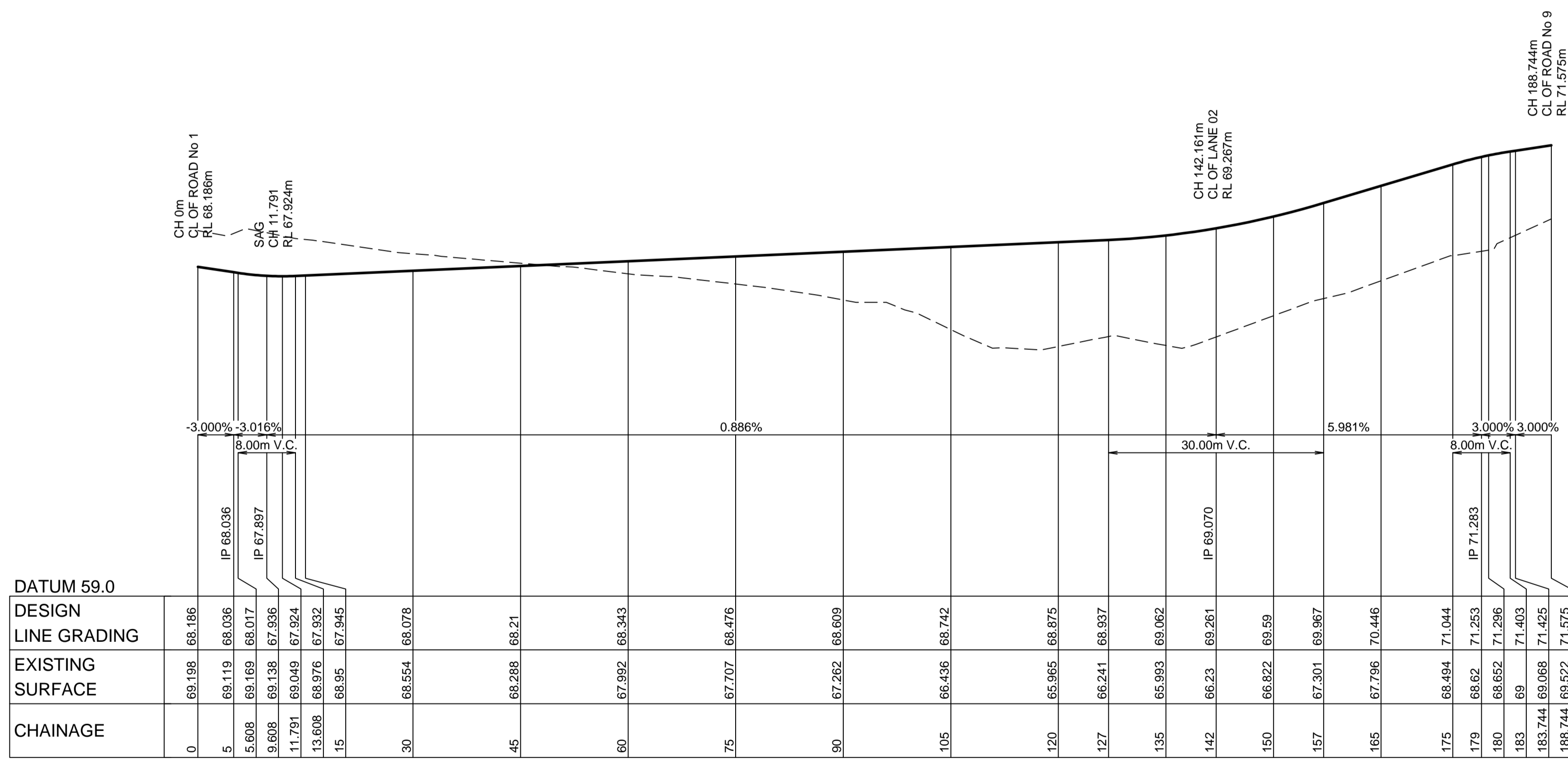
EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 4 AND 5

PLAN No: 9015/DA12 **E**
FILE No: 9015DA12
SHEET SIZE: A1 ORIGINAL

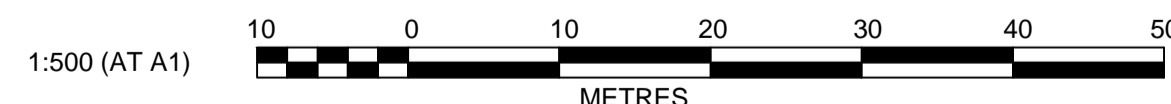
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LONGITUDINAL SECTION ROAD No 7
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 6
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
D RE-ISSUED FOR PPR	DJH	TK	KN	SA	17/11/10
C MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
B ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10

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ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

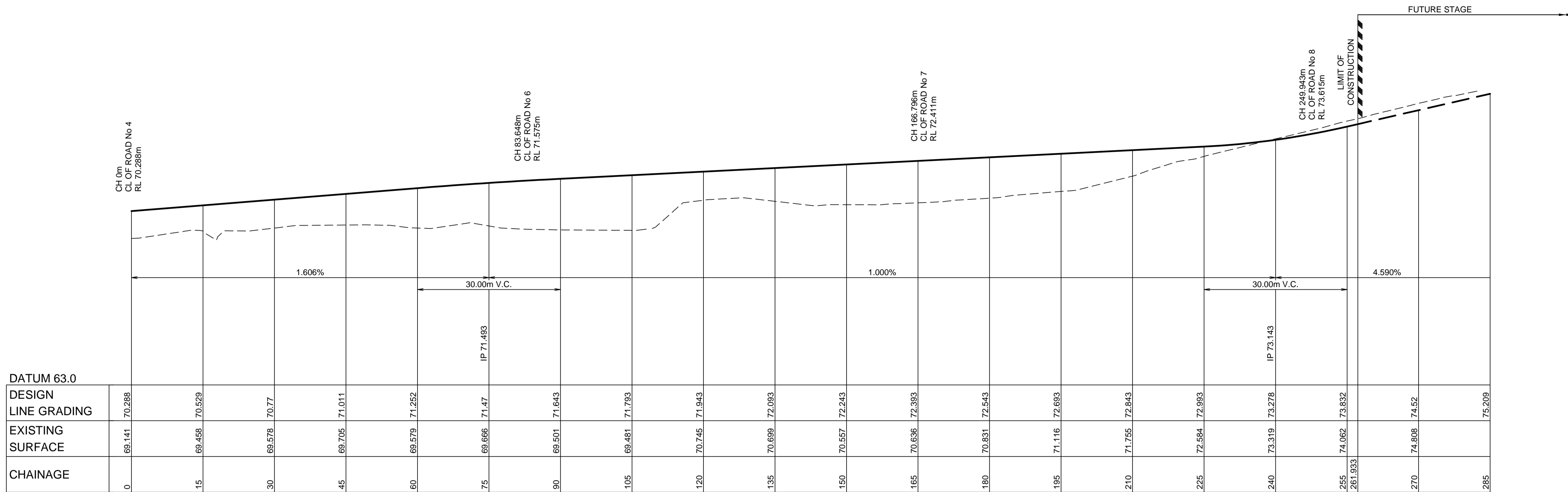
EDMONDSON PARK SOUTH STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 6 AND 7

PLAN No: **9015/DA13** E

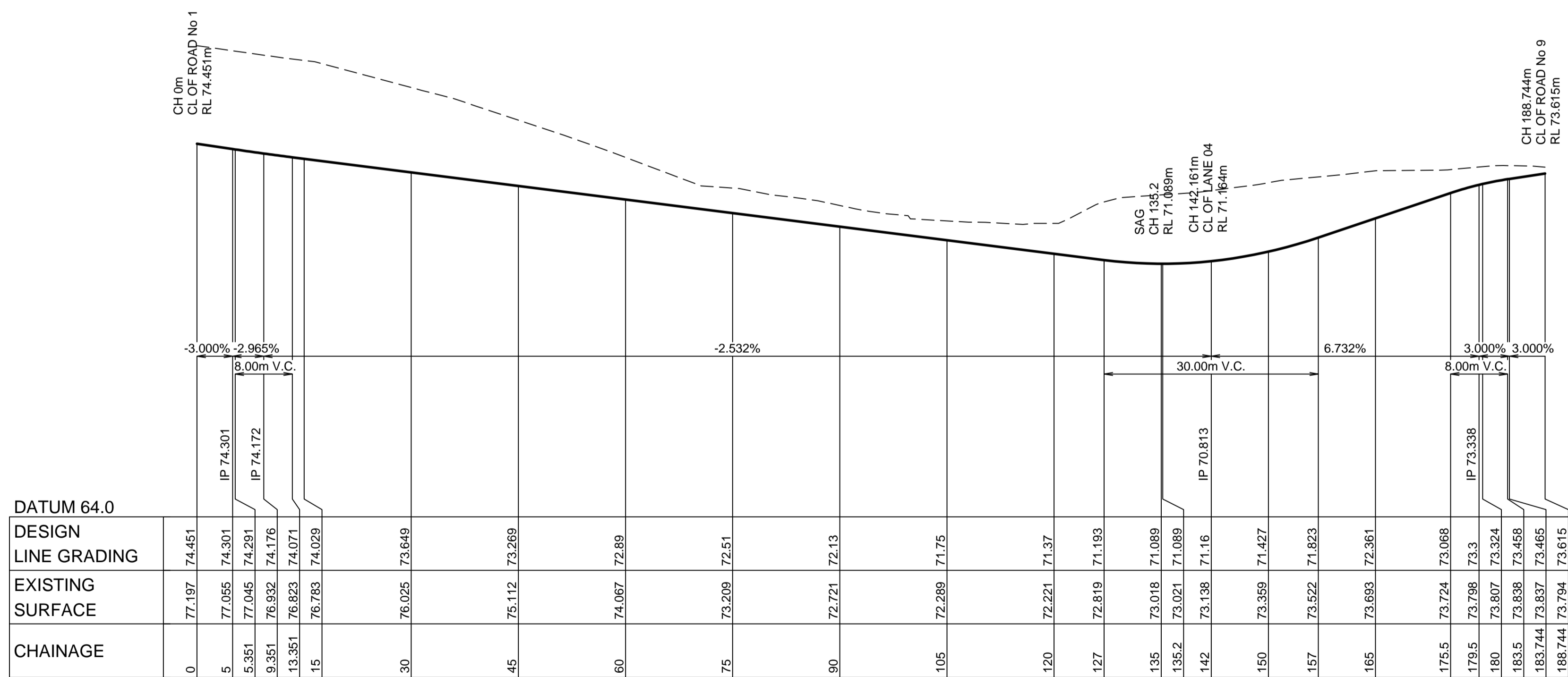
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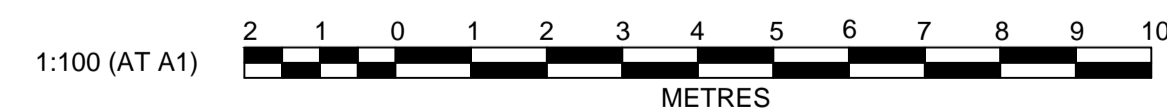
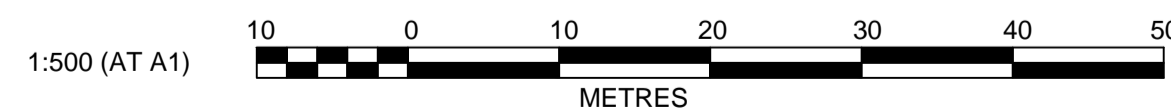
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LONGITUDINAL SECTION ROAD No 9
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 8
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



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ISSUED FOR
PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 8 AND 9

PLAN No: 9015/DA14 **E**
FILE No: 9015DA14
SHEET SIZE: A1 ORIGINAL

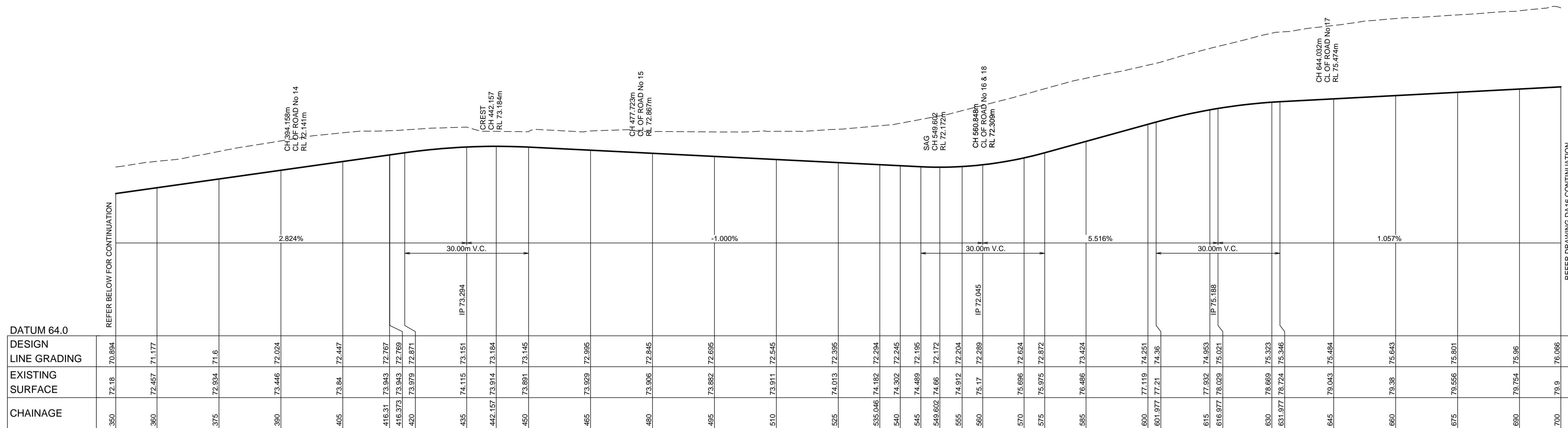
AMENDMENT	DES	DRN	CKD	APR	DATE
A	DJH	AS	KN	SA	23/08/10
B	DJH	AS	KN	SA	24/08/10
C	DJH	DJH	KN	SA	10/11/10
D	DJH	TK	KN	SA	17/11/10
E	DJH	TK	KN	SA	17/11/10

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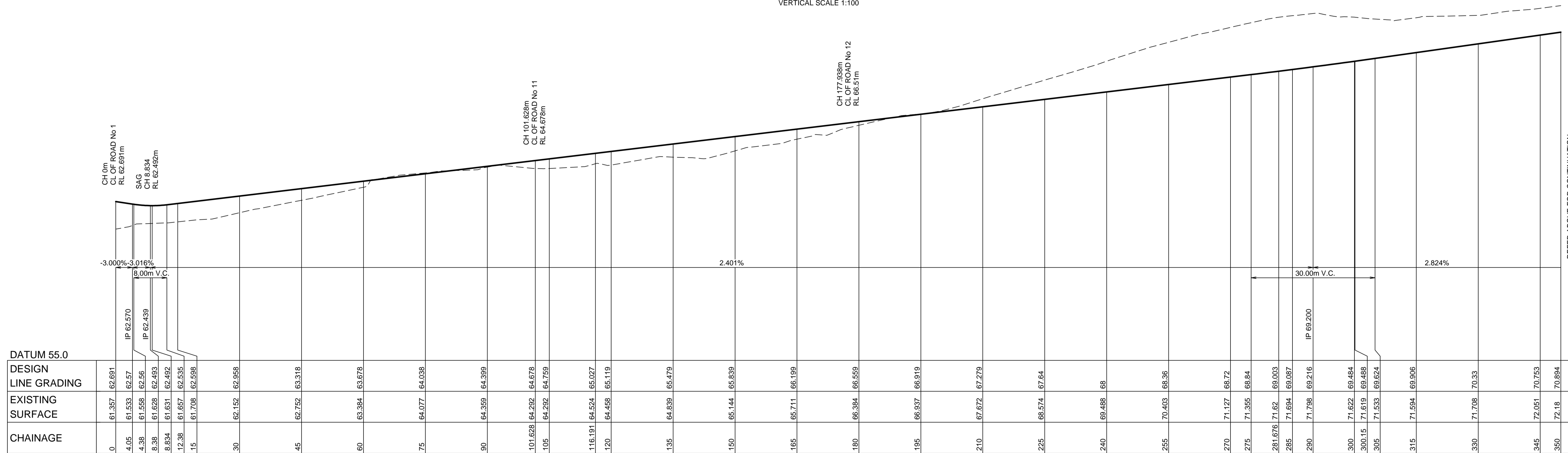
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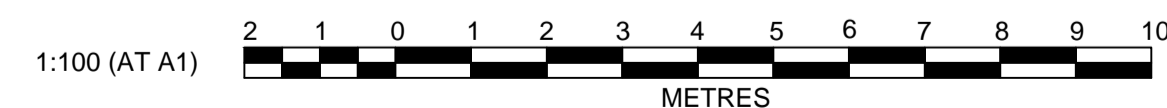
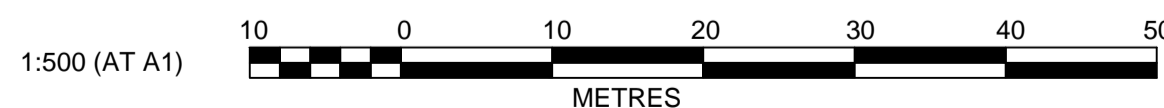
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LONGITUDINAL SECTION ROAD No 10
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 10
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E	DJH	TK	KN	SA	17/11/10
D	DJH	TK	KN	SA	17/11/10
C	DJH	DJH	KN	SA	10/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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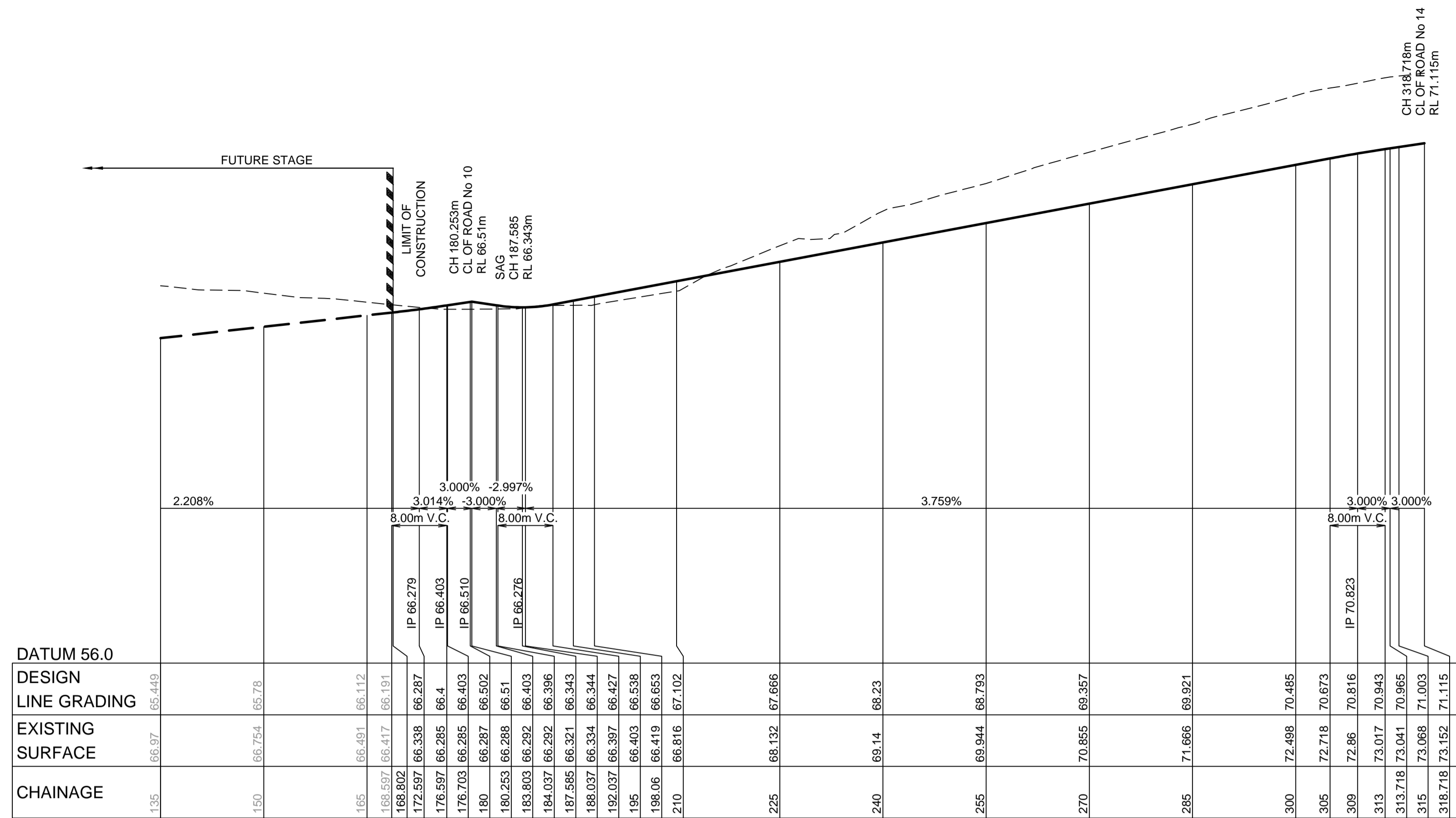
EDMONDSON PARK SOUTH STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 10

PLAN No: **9015/DA15** E
FILE No: 9015DA15
SHEET SIZE: A1 ORIGINAL

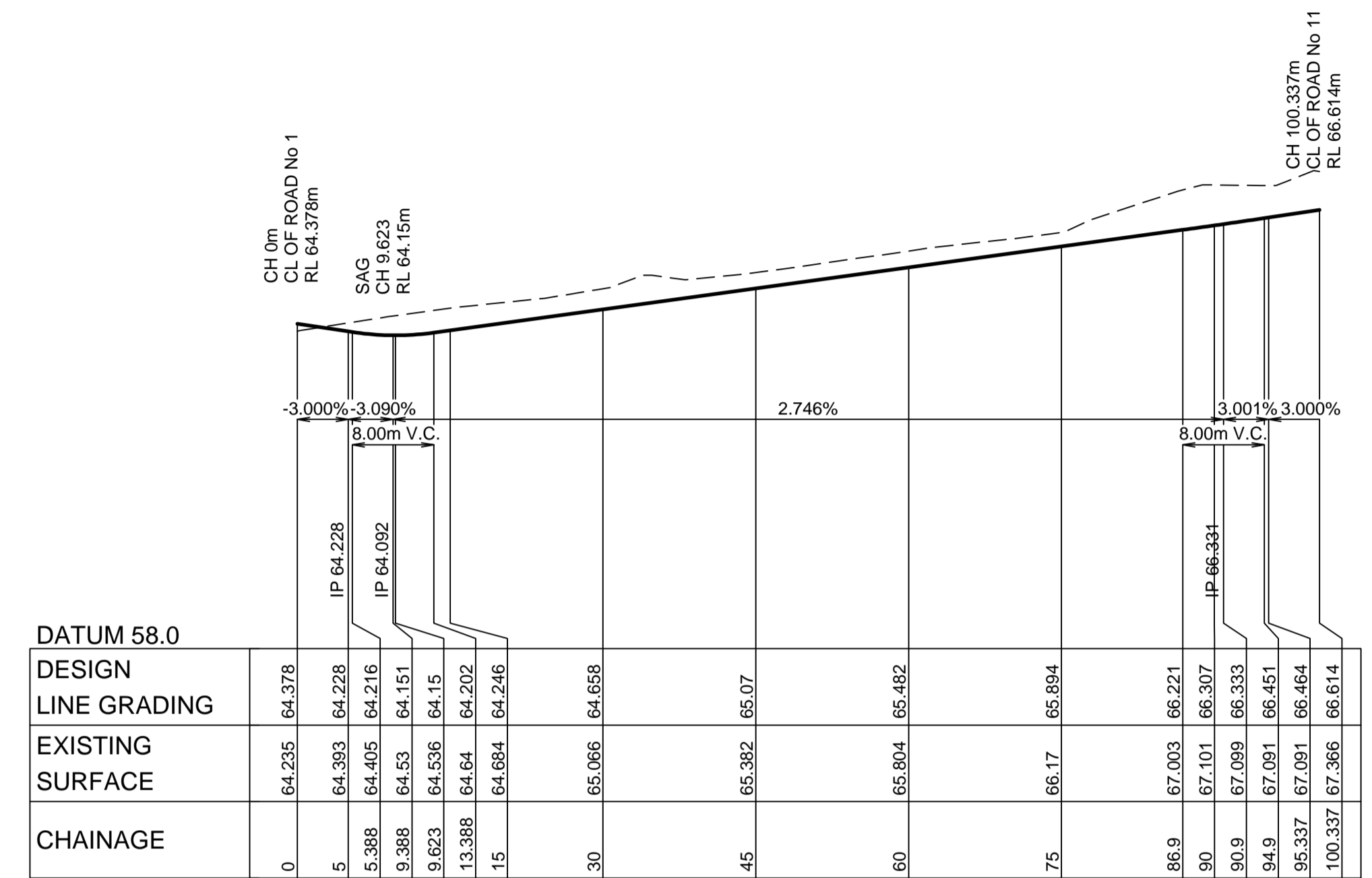
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REFER ABOVE FOR CONTINUATION

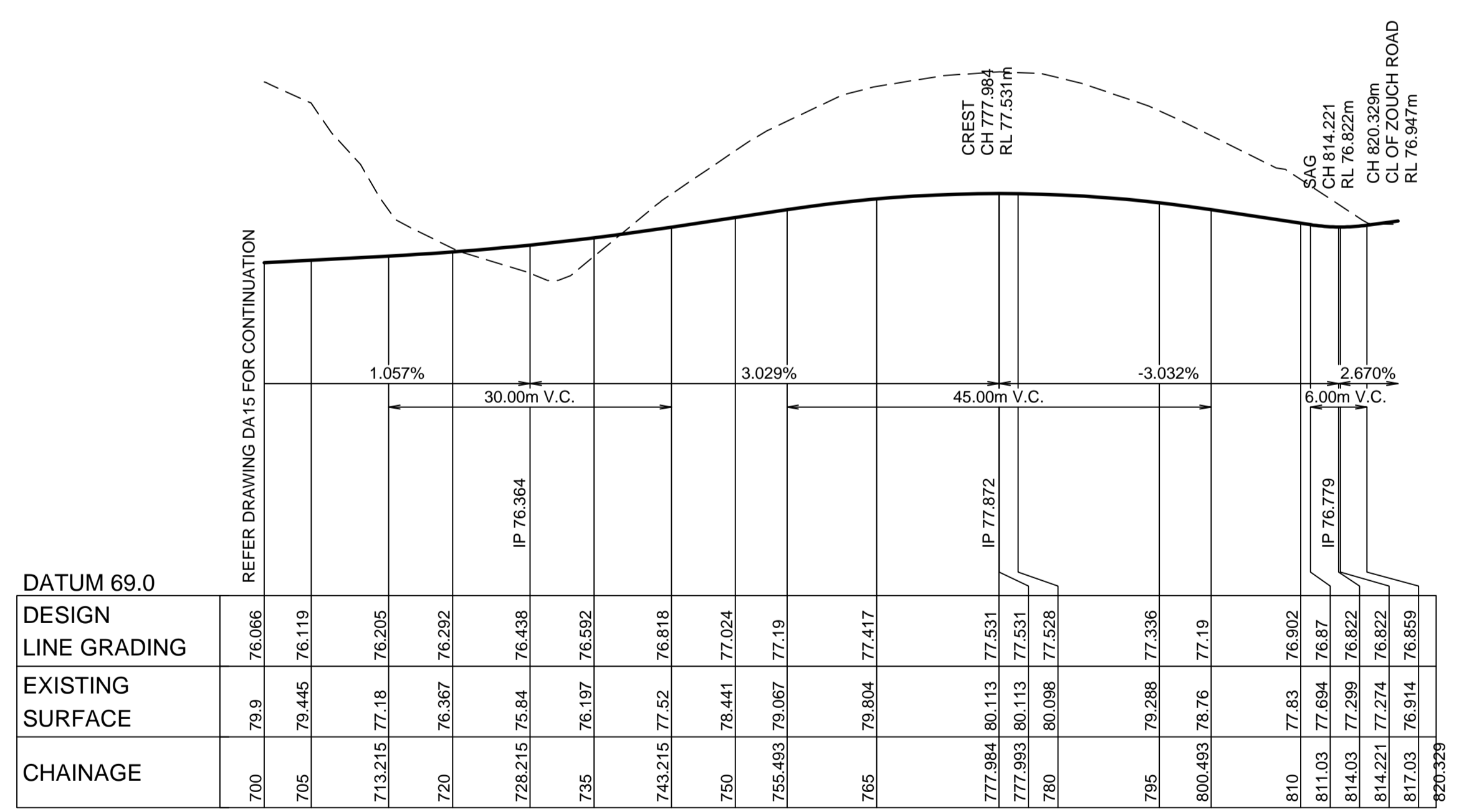
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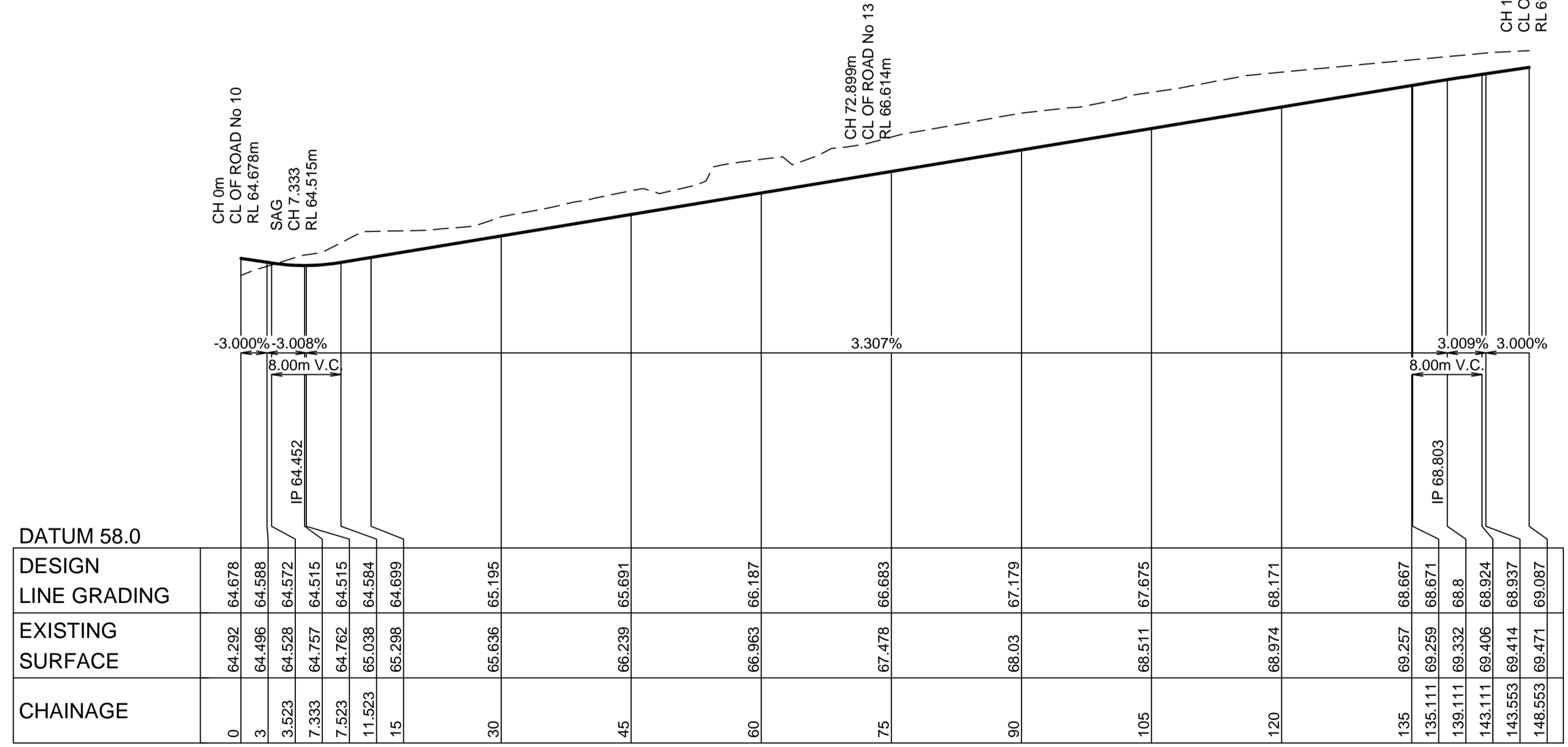
LONGITUDINAL SECTION ROAD No 12
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



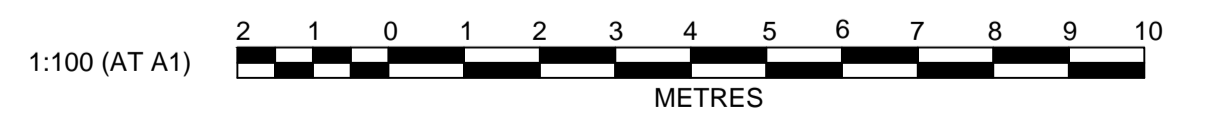
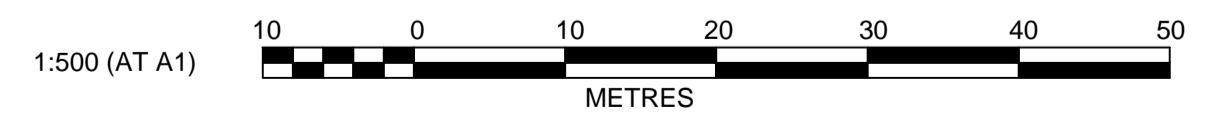
LONGITUDINAL SECTION ROAD No 13
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 10
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 11
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E	DJH	TK	KN	SA	17/11/10
D	DJH	TK	KN	SA	17/11/10
C	DJH	DJH	KN	SA	10/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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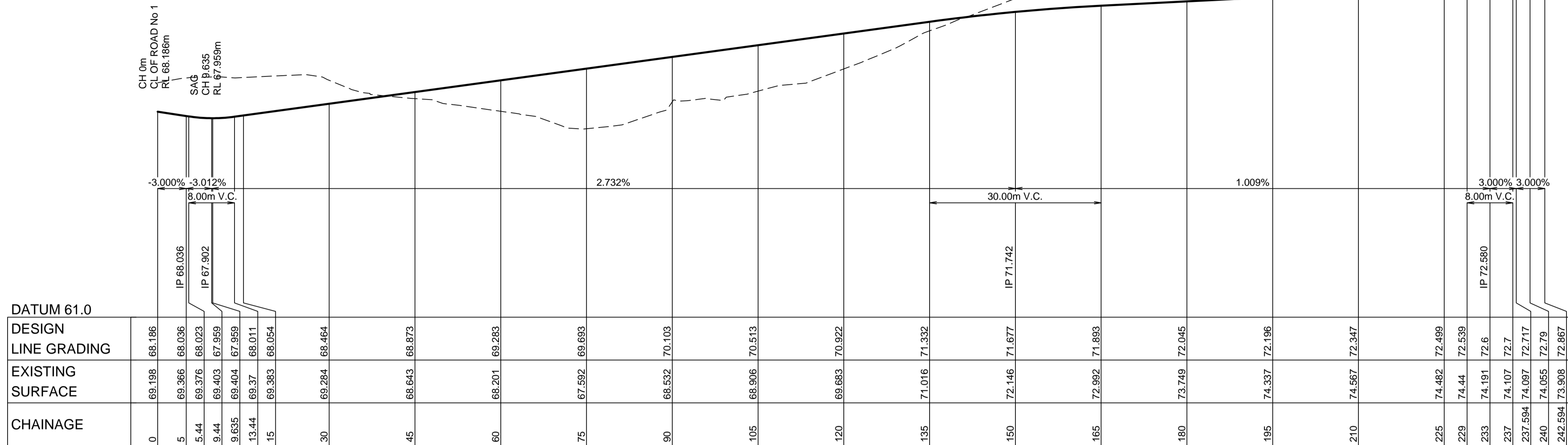
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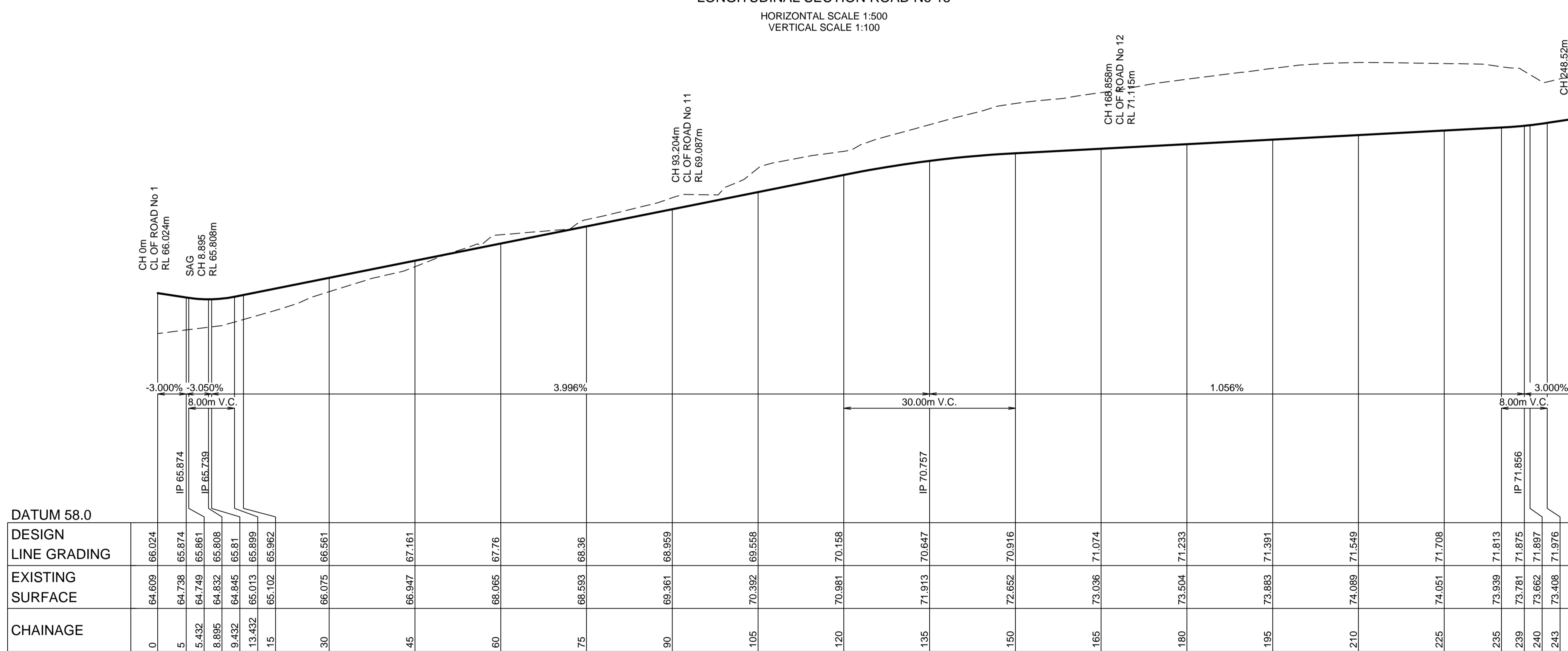
EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 10 (CONT'D), 11, 12 AND 13

PLAN No: 9015/DA16 **E**
FILE No: 9015DA16
SHEET SIZE: A1 ORIGINAL

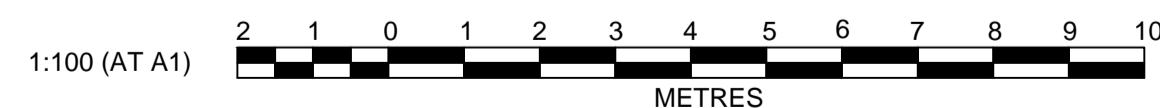
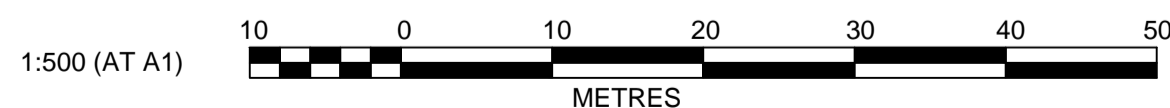
Plotfile: November 17, 2010 File Name: J:\9015D\DA - Development Application Approval Plans\9015DA17 ROAD L58.dwg



LONGITUDINAL SECTION ROAD No 15
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 14
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
D RE-ISSUED FOR PPR	DJH	TK	KN	SA	17/11/10
C MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
B ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10

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P 02 4720 3300 F 02 4721 7638 W www.jwprince.com.au E jwp@jwprince.com.au

AZIMUTH:
DATUM:
ORIGIN:

CLIENT:



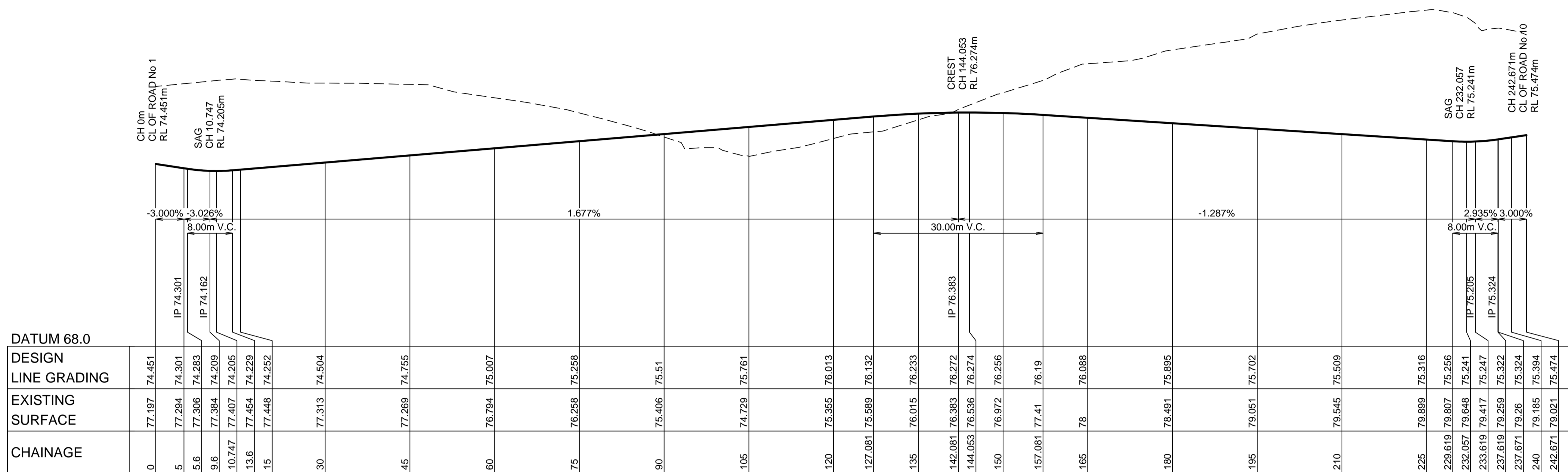
THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

ISSUED FOR
PART 3A STAGE 1 PROJECT APPLICATION

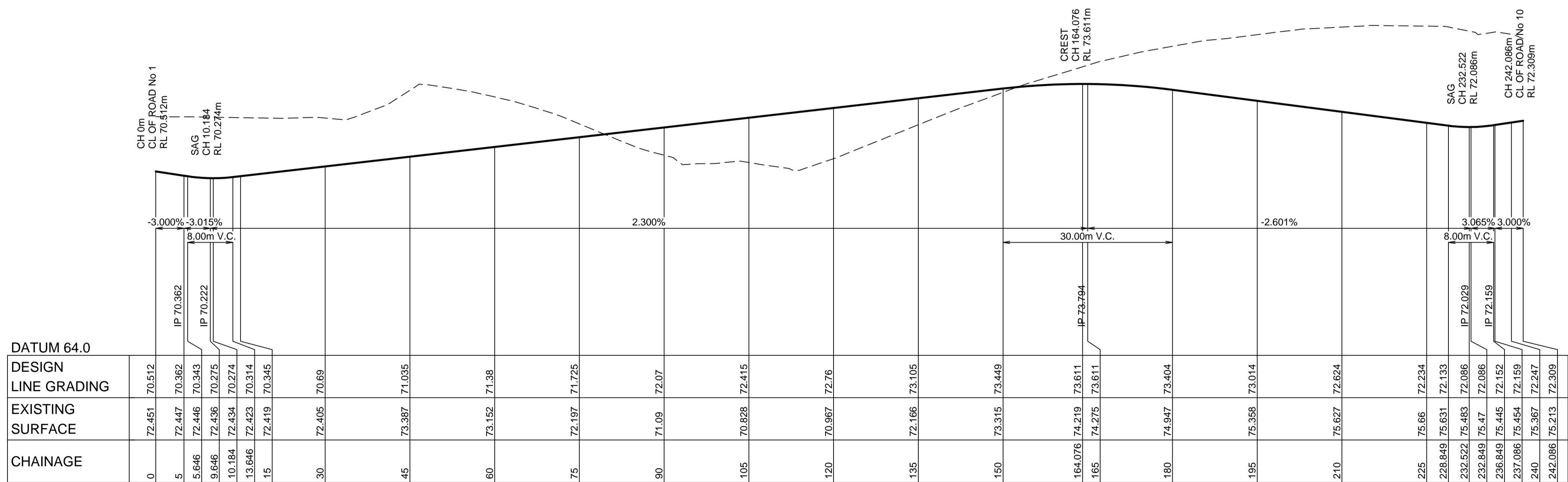
EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 14 AND 15

PLAN No:
9015/DA17 E
FILE No: 9015DA17
SHEET SIZE: A1 ORIGINAL

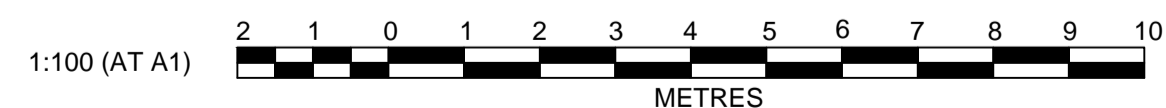
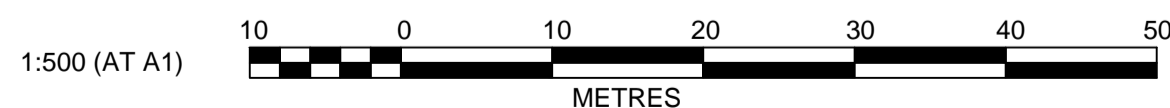
Plotfile: November 17, 2010 File Name: J:\9015DDA - Development Application Approval Plans\9015DA18 ROAD L59.dwg



LONGITUDINAL SECTION ROAD No 17
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 16
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E	DJH	TK	KN	SA	17/11/10
D	DJH	TK	KN	SA	17/11/10
C	DJH	DJH	KN	SA	10/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

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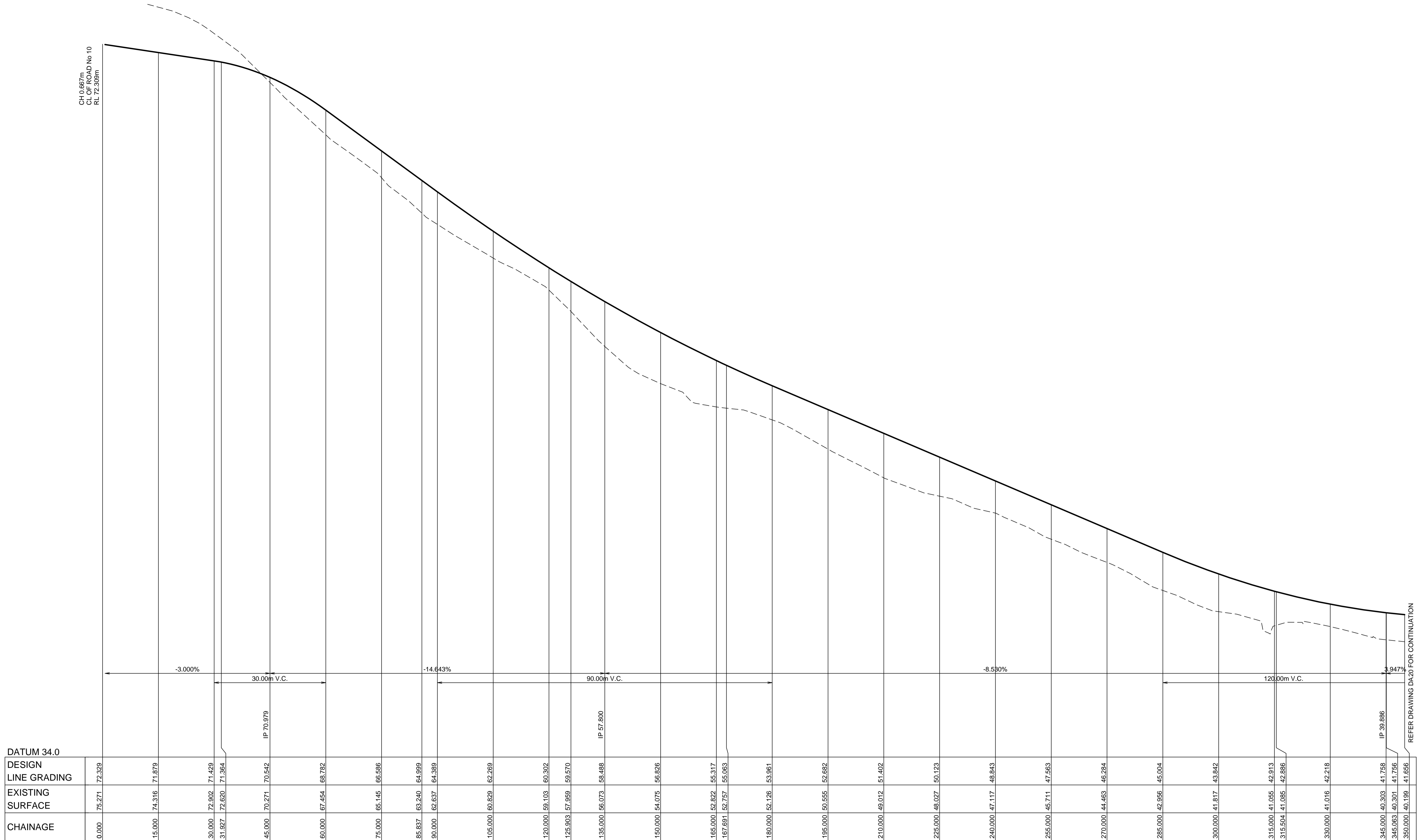
ISSUED FOR
PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 16 AND 17

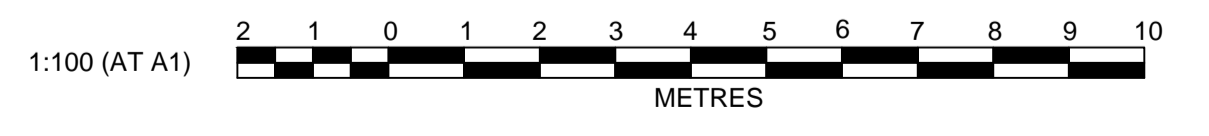
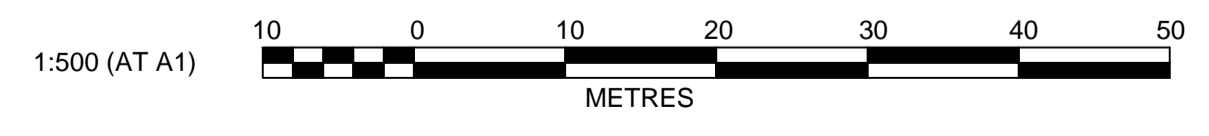
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FILE No:	9015DA18	
SHEET SIZE:	A1 ORIGINAL	

Plotfile: November 17, 2010 File Name: J:\9015DDA - Development Application Plans\9015DA19 ROAD LS10.dwg

CH 0.667m
CL OF ROAD No 10
RL 72.309m



LONGITUDINAL SECTION ROAD No 18
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
D RE-ISSUED FOR PPR	DJH	TK	KN	SA	17/11/10
C MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
B ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10

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AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

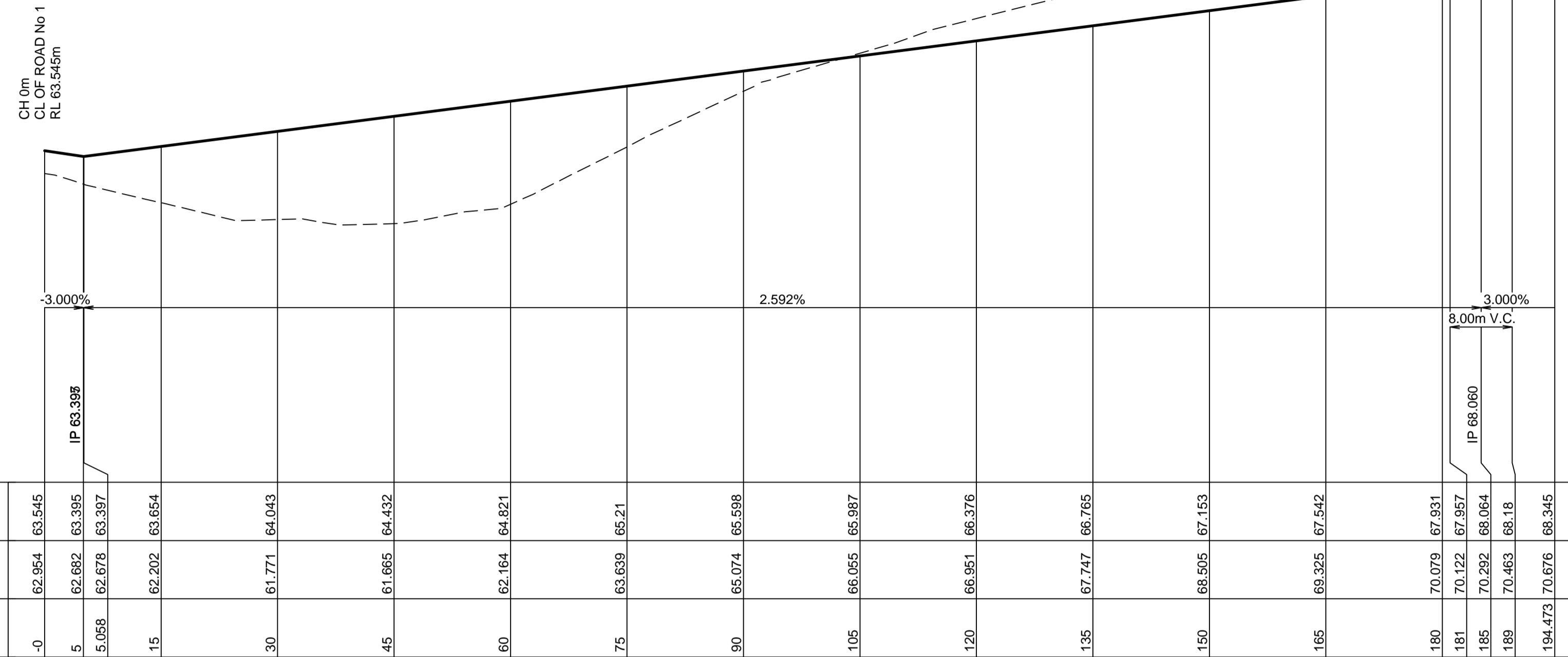
THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

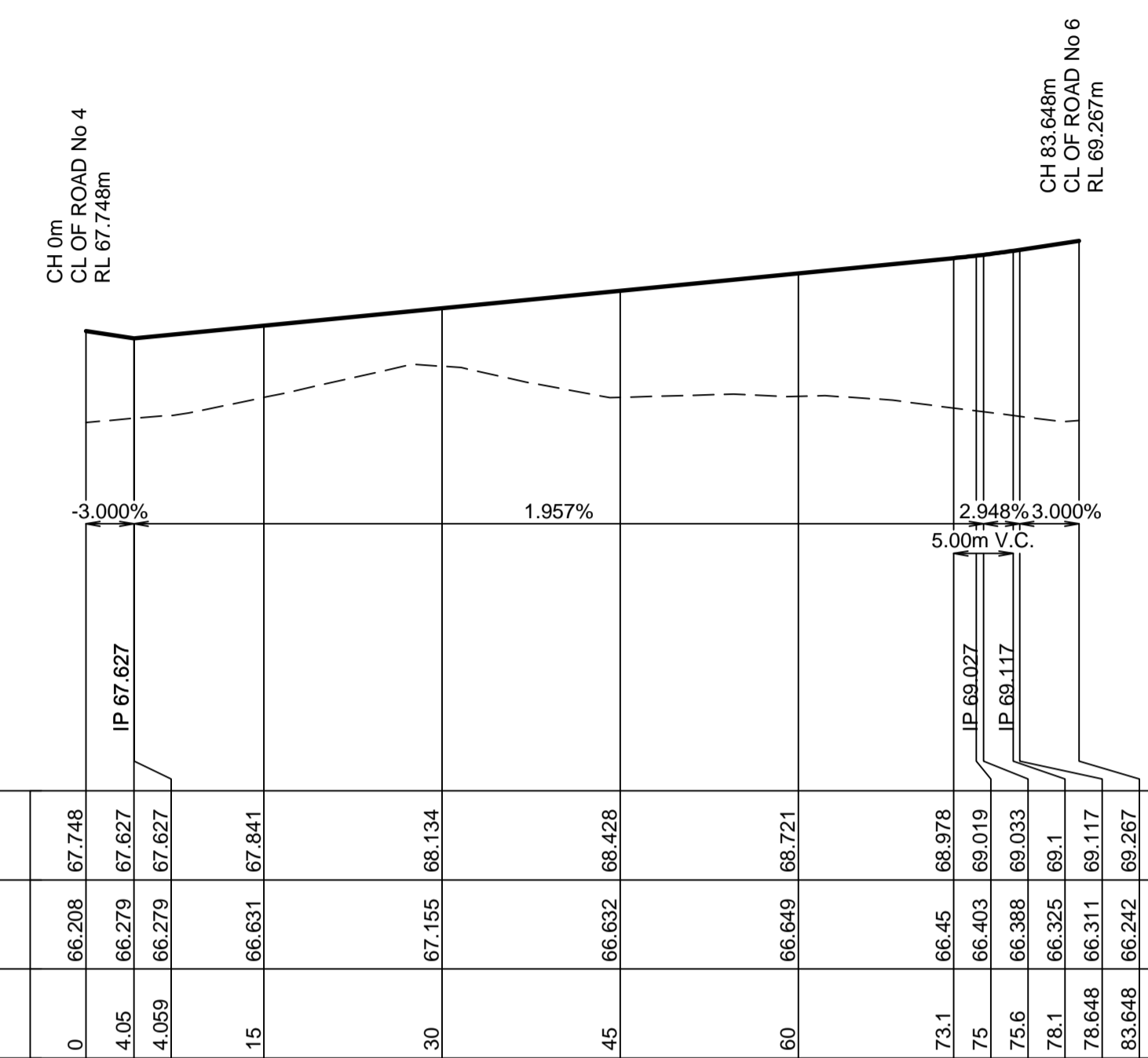
EDMONDSON PARK SOUTH STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 18

PLAN No: **9015/DA19** E
FILE No: 9015DA19
SHEET SIZE: A1 ORIGINAL

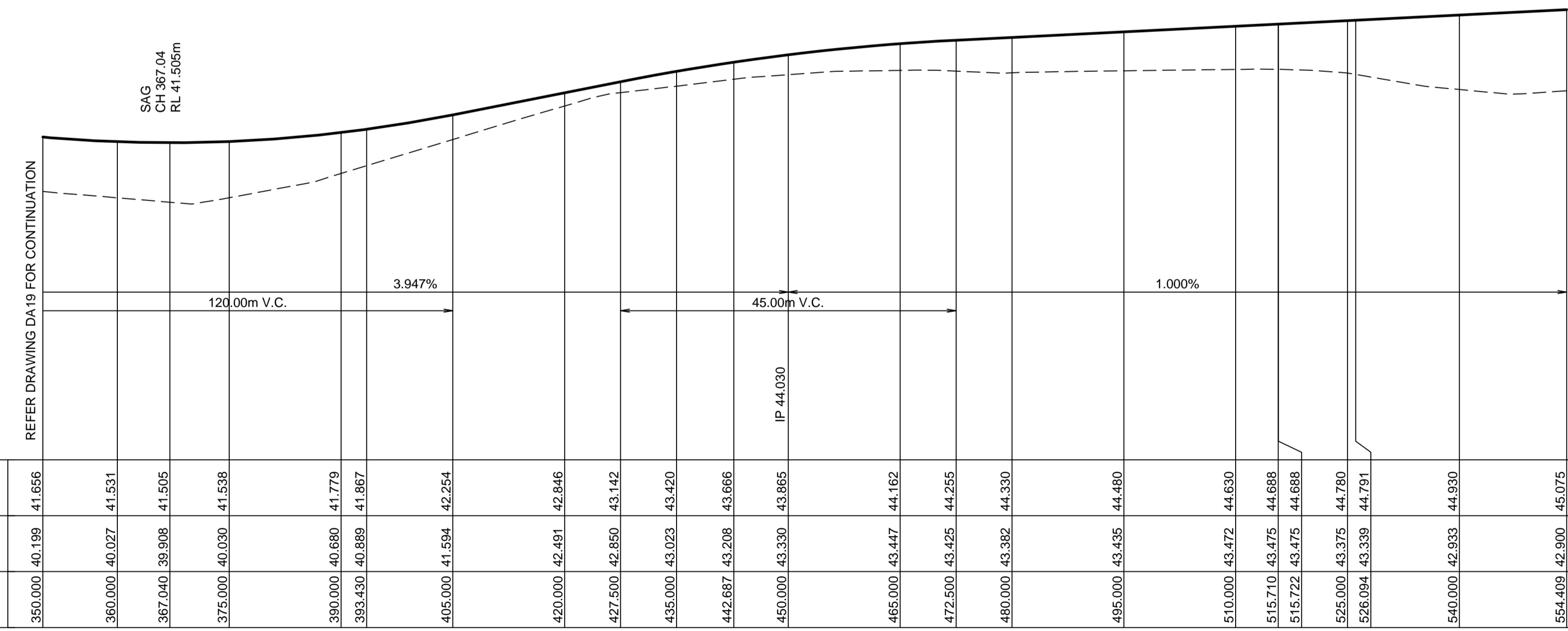
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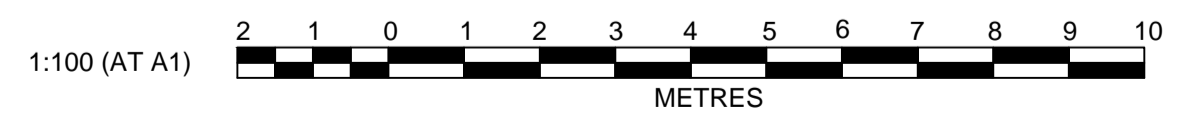
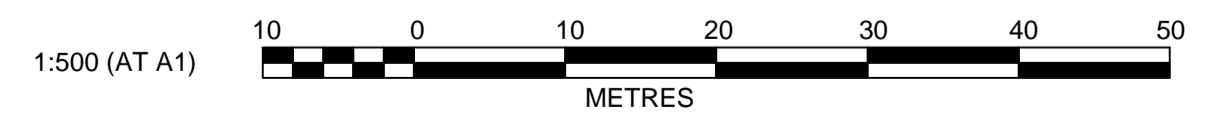
LONGITUDINAL SECTION LANE 01
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION LANE 02
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD No 18
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



Plotted: November 17, 2010 File Name: J:\9015DA20 - Development Application Plans\9015DA20 ROAD LS11.dwg

AMENDMENT	DES	DRN	CKD	APR	DATE
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D	DJH	TK	KN	SA	17/11/10
C	DJH	DJH	KN	SA	10/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

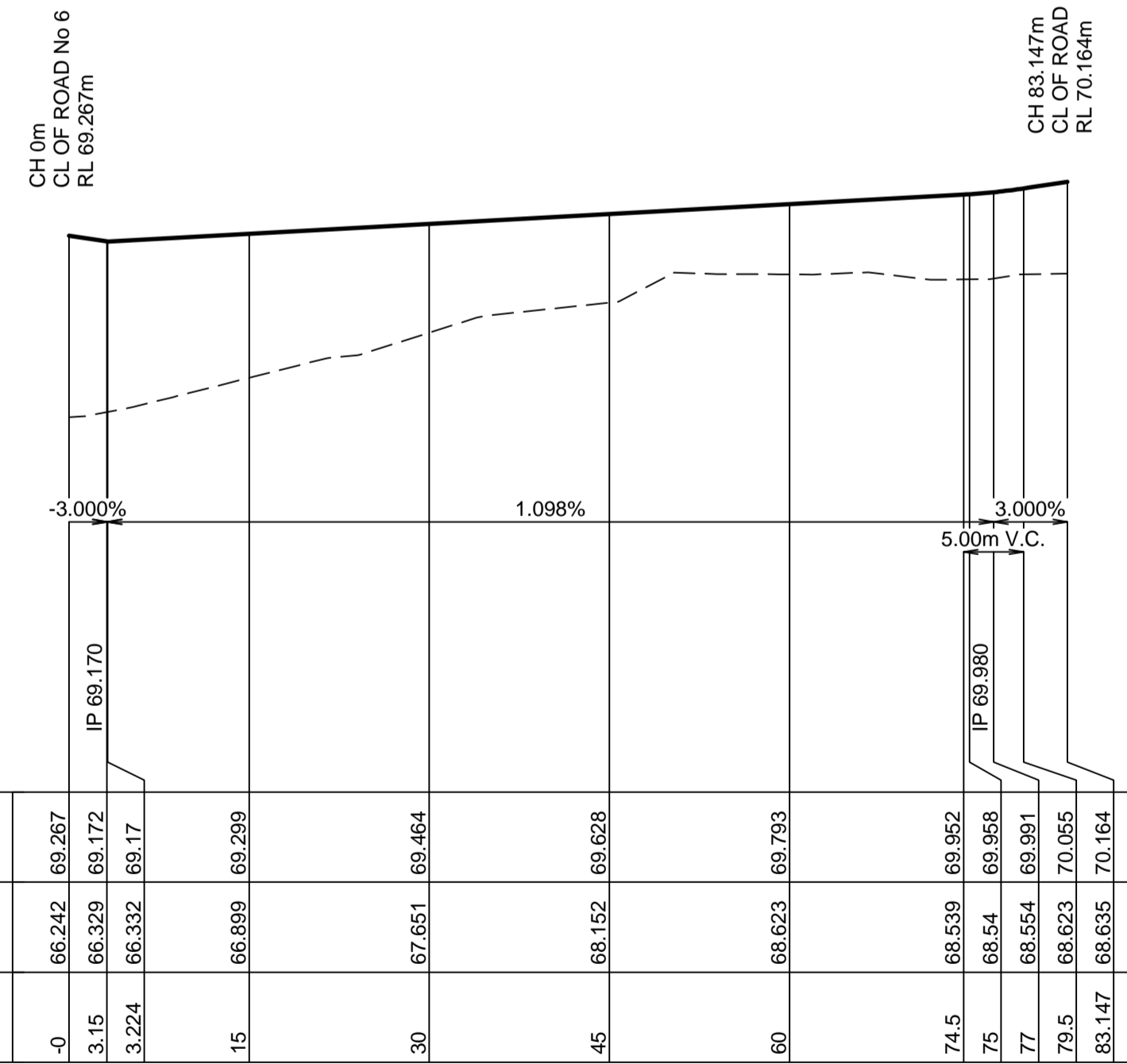
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ISSUED FOR PART 3A STAGE 1 PROJECT APPLICATION

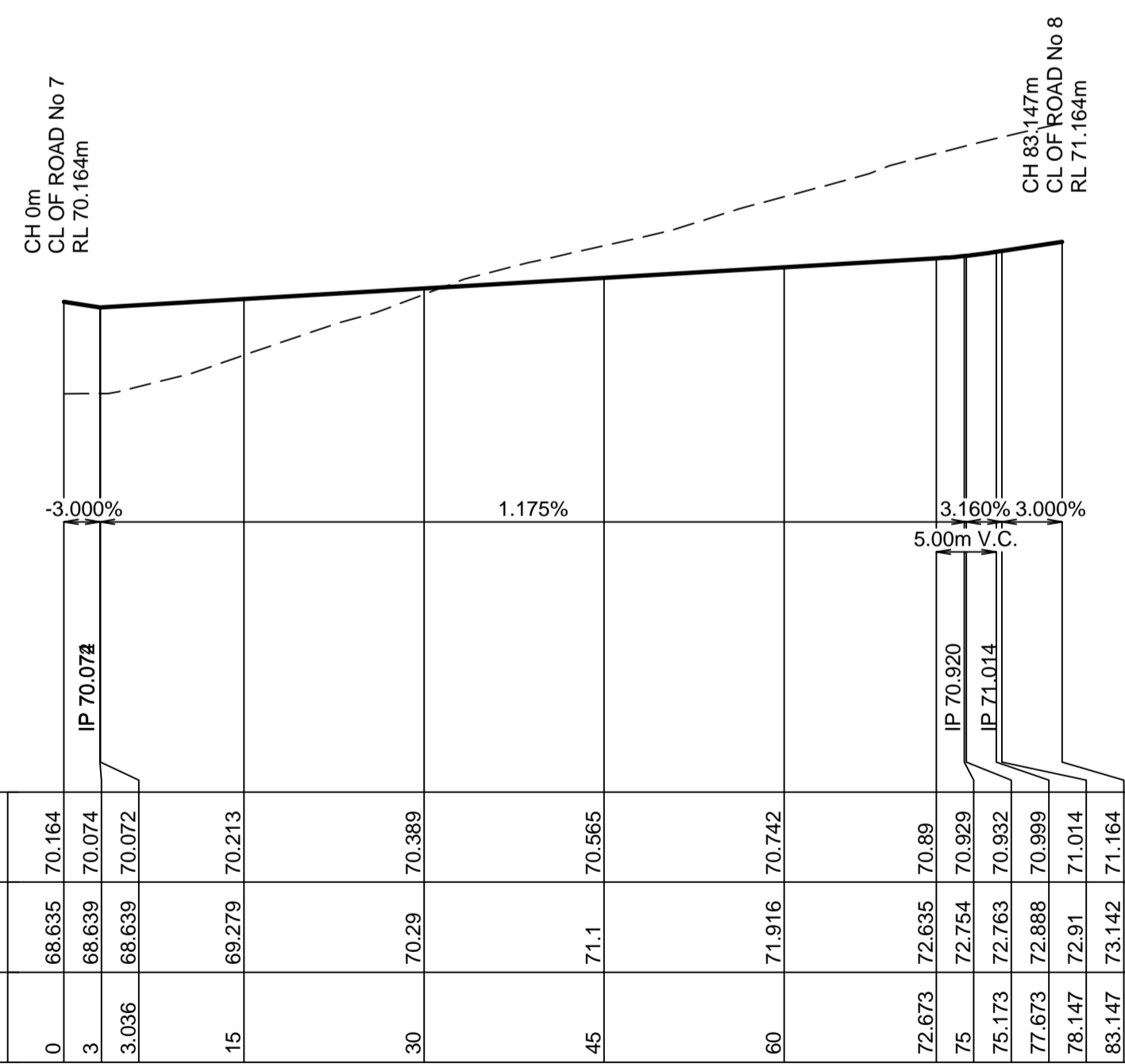
EDMONDSON PARK SOUTH STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ROAD No. 18 (CONT'D), LANE 01 AND 02

PLAN No: **9015/DA20** E
FILE No: 9015DA20
SHEET SIZE: A1 ORIGINAL

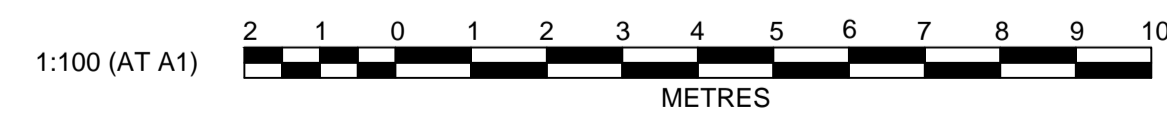
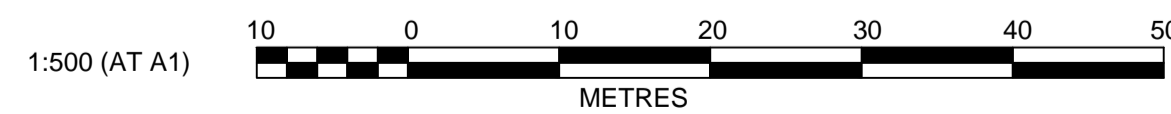
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LONGITUDINAL SECTION LANE 03
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION LANE 04
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
D RE-ISSUED FOR PPR	DJH	TK	KN	SA	17/11/10
C MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
B ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10

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ISSUED FOR
PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
LANE 03 AND 04

PLAN No:	9015/DA21	E
FILE No:	9015DA21	
SHEET SIZE:	A1 ORIGINAL	

Plotfile: November 17, 2010 File Name: J:\9015DADA - Development Application Approval Plans\9015DA22 ROAD, LSI 3.dwg

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CL OF ZOUCH ROAD
RL 74.1m

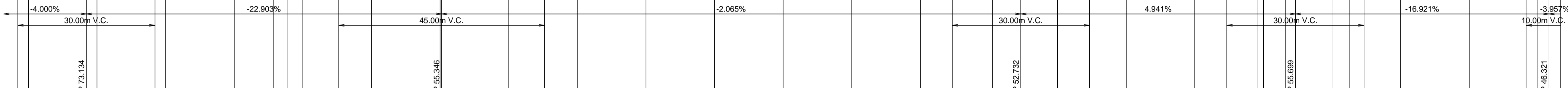
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DESIGN LINE GRADING	46.258 46.124 46.824 45.375
EXISTING SURFACE	45.697 45.382 44.389 43.304
CHAINAGE	350.000 352.427 360.000 371.352

LONGITUDINAL SECTION DRIVEWAY 1
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

DATUM 68.0	
DESIGN LINE GRADING	77.385 77.885 78.120 78.303 78.474 78.746 78.778 78.780 78.637 78.522 78.259 78.107 77.498 76.376 76.314 75.394 75.350 74.752 74.729 74.701 74.334 74.238 74.100
EXISTING SURFACE	76.330 77.134 77.363 77.926 78.230 78.476 78.716 79.095 79.232 79.230 79.230 79.037 79.934 78.578 78.377 77.573 76.264 76.209 75.520 75.489 74.986 74.986 74.921 74.631 74.515 74.347
CHAINAGE	300.000 315.000 316.473 325.973 330.000 333.473 336.861 345.000 348.930 351.861 357.147 360.000 364.710 366.861 375.000 390.000 390.820 405.000 405.820 419.317 420.000 420.820 432.053 435.000 439.216

LONGITUDINAL SECTION ZOUCH ROAD
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



DATUM 39.0	
DESIGN LINE GRADING	73.734 73.624 72.426 72.095 69.699 69.165 65.729 63.746 63.041 62.294 60.499 58.977 56.560 56.518 55.185 54.424 54.114 53.804 53.495 53.185 53.041 52.951 52.950 52.994 53.185 53.473 53.870 54.611 54.958 55.125 55.120 54.994 54.879 54.168 53.655 53.161 51.808 49.270 47.168 46.775 46.484 46.258
EXISTING SURFACE	74.347 73.825 73.634 72.245 71.946 69.854 69.168 65.212 63.361 62.759 62.102 60.525 59.562 56.464 54.431 53.890 53.735 53.464 52.917 52.893 52.880 52.732 52.800 53.098 53.382 54.137 54.600 55.107 55.184 55.466 55.501 54.745 54.010 53.320 51.572 48.495 46.699 46.353 46.032 45.697
CHAINAGE	0.000 12.668 15.000 27.668 30.000 42.668 45.000 60.000 68.650 71.738 75.000 82.835 90.000 105.000 105.335 120.000 127.835 135.000 150.000 165.000 180.000 195.000 210.000 216.982 225.000 225.803 231.982 240.000 246.982 255.000 270.000 277.008 283.789 285.000 289.788 292.008 300.000 303.872 307.008 315.000 330.000 342.827 345.000 347.827 350.000

LONGITUDINAL SECTION DRIVEWAY 1
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



CLIENT:



ISSUED FOR
PART 3A STAGE 1 PROJECT APPLICATION

EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
ROAD LONGITUDINAL SECTION
ZOUCH ROAD AND DRIVEWAY 1

PLAN No:
9015/DA22 E
FILE No: 9015DA22
SHEET SIZE: A1 ORIGINAL

AMENDMENT	DES	DRN	CKD	APR	DATE
E	DJH	TK	KN	SA	17/11/10
D	DJH	TK	KN	SA	17/11/10
C	DJH	DJH	KN	SA	10/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

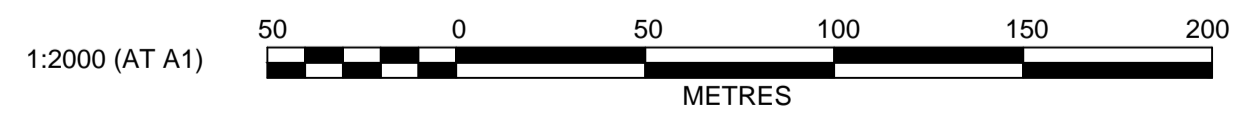
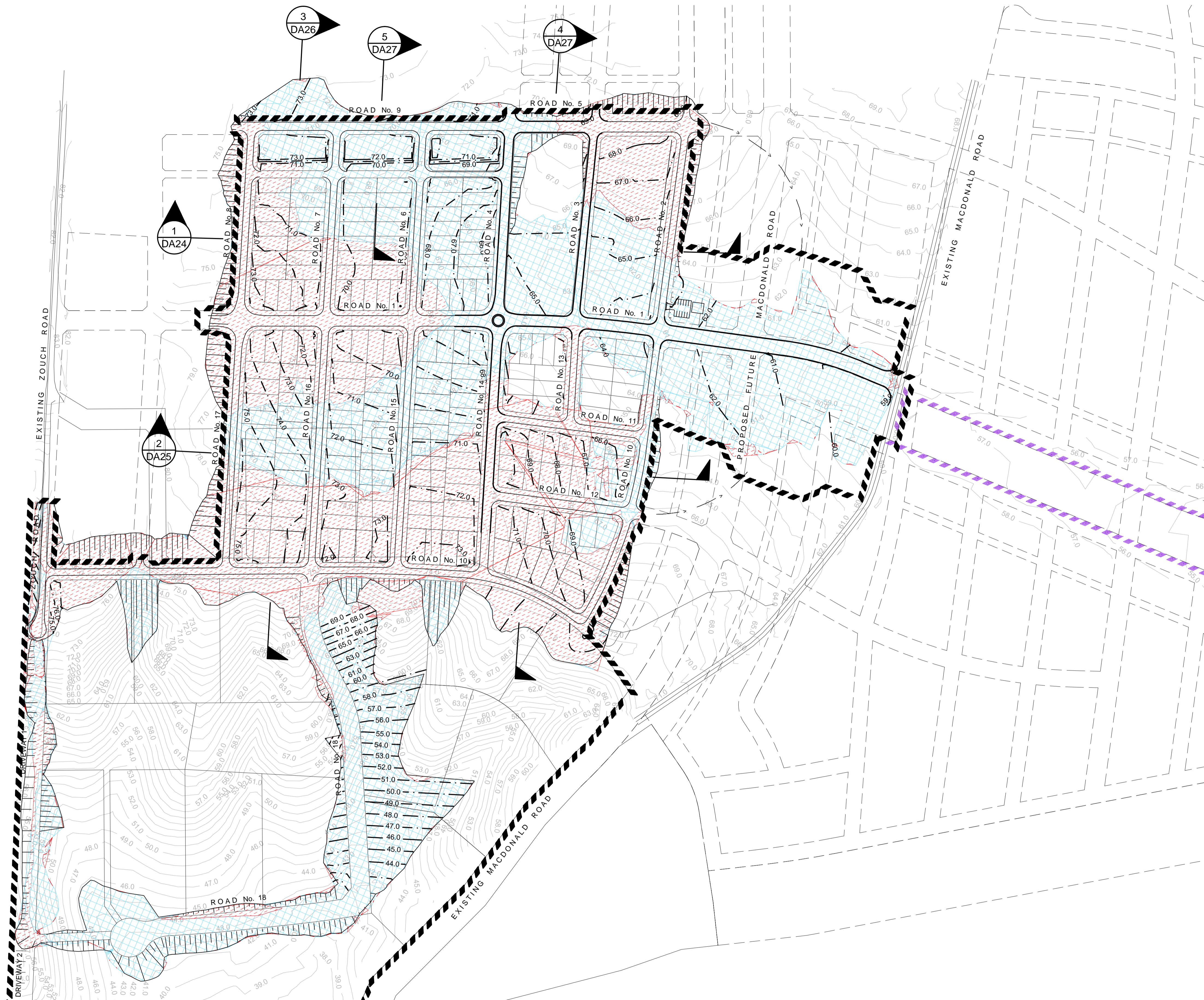
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AZIMUTH:
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Plotfile: November 17, 2010 File Name: J:\9015DA23 - Development Application Approval Plans\9015DA23 CUT FILL PLAN1.dwg



NOTE:
FINAL CUT TO FILL EXTENT SUBJECT TO DETAILED DESIGN

LEGEND	
	FILL
	CUT
	REGRADE CONTOURS

F	DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
E	RE-ISSUED FOR PPP	DJH	TK	KN	SA	17/11/10
D	MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
C	ROAD 18 ADJUSTED	DJH	TK	KN	SA	05/11/10
B	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10
	AMENDMENT	DES	DRN	CKD	APR	DATE

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AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

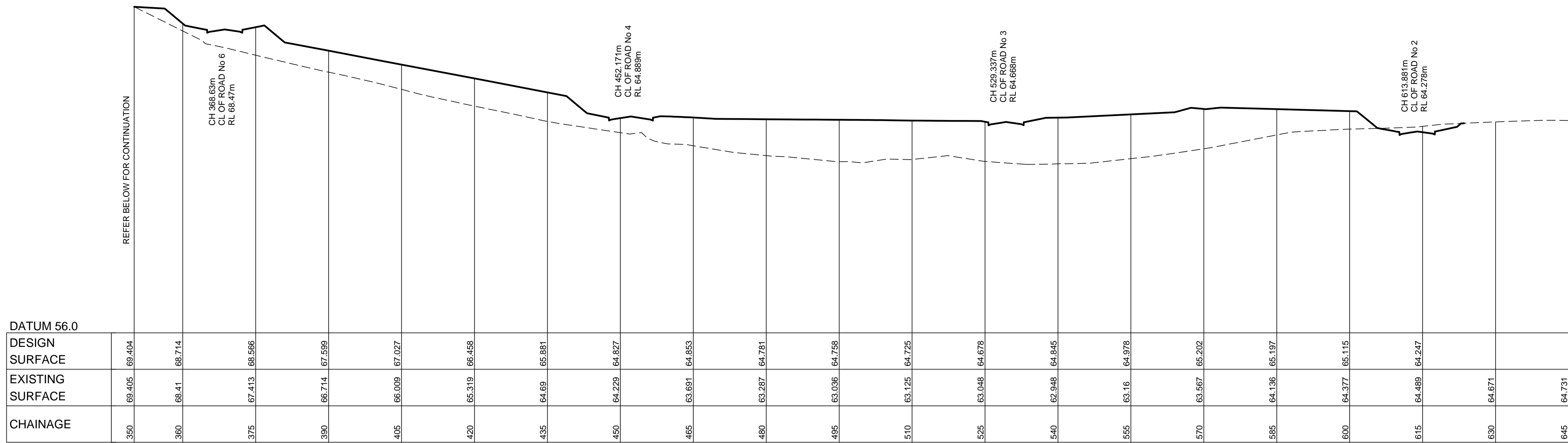
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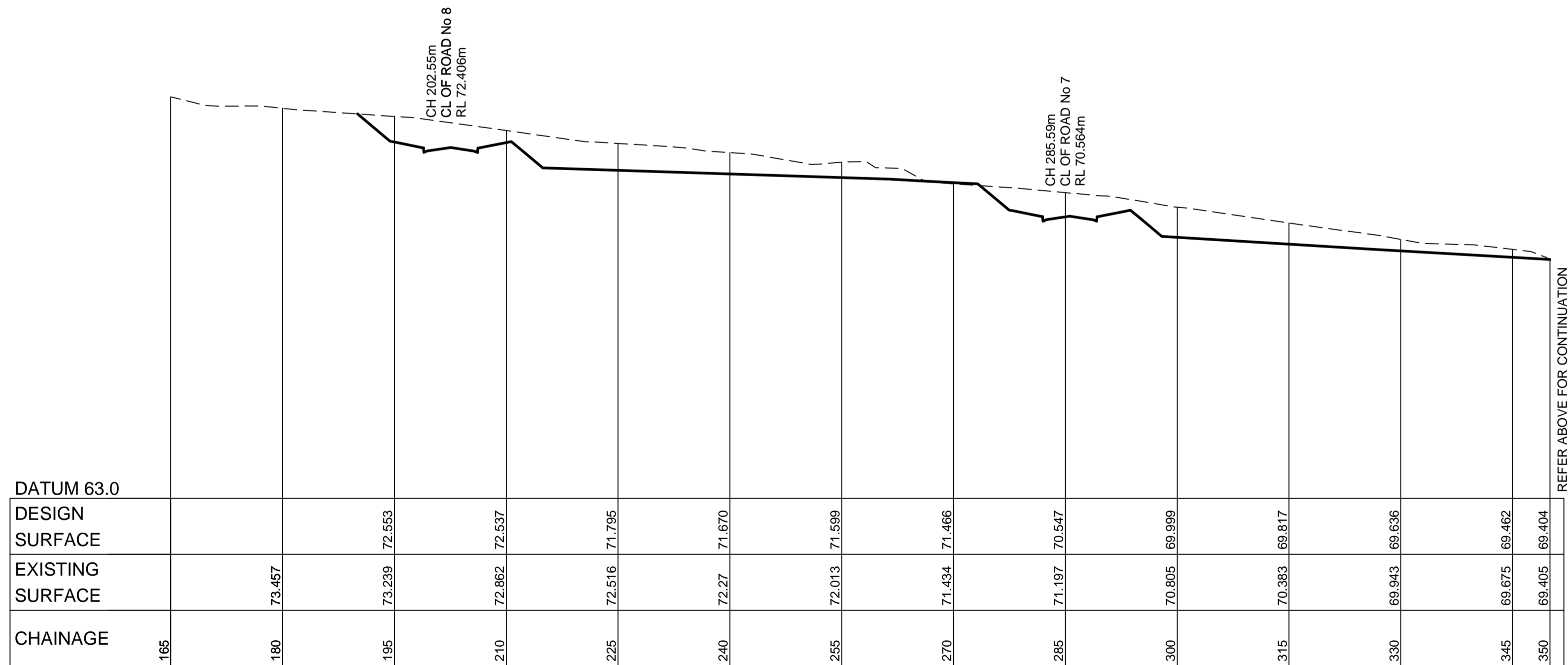
EDMONDSON PARK SOUTH STAGE 1 PROJECT APPLICATION
CUT / FILL PLAN

PLAN No: 9015/DA23 **F**
 FILE No: 9015DA23
 SHEET SIZE: A1 ORIGINAL

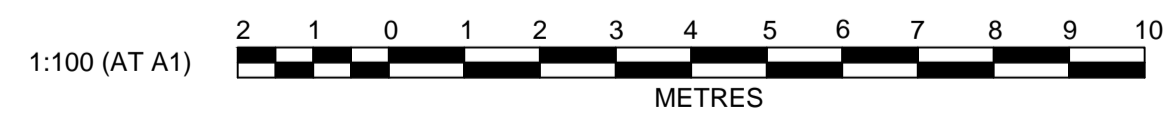
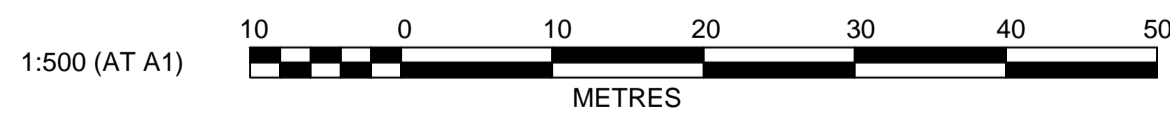
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SECTION 1
REFER DRAWING DA23 FOR SECTION MARK
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



SECTION 1
REFER DRAWING DA23 FOR SECTION MARK
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E	DJH	TK	KN	SA	17/11/10
D	DJH	TK	KN	SA	17/11/10
C	DJH	DJH	KN	SA	10/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

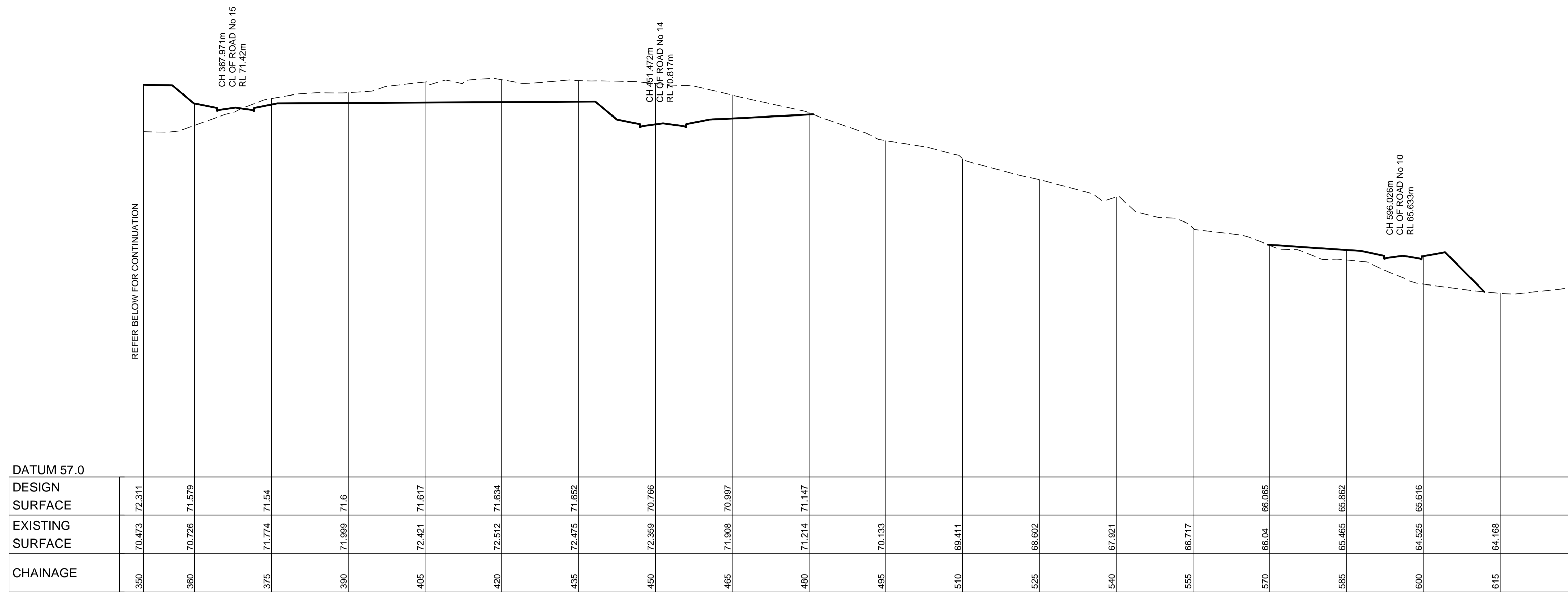
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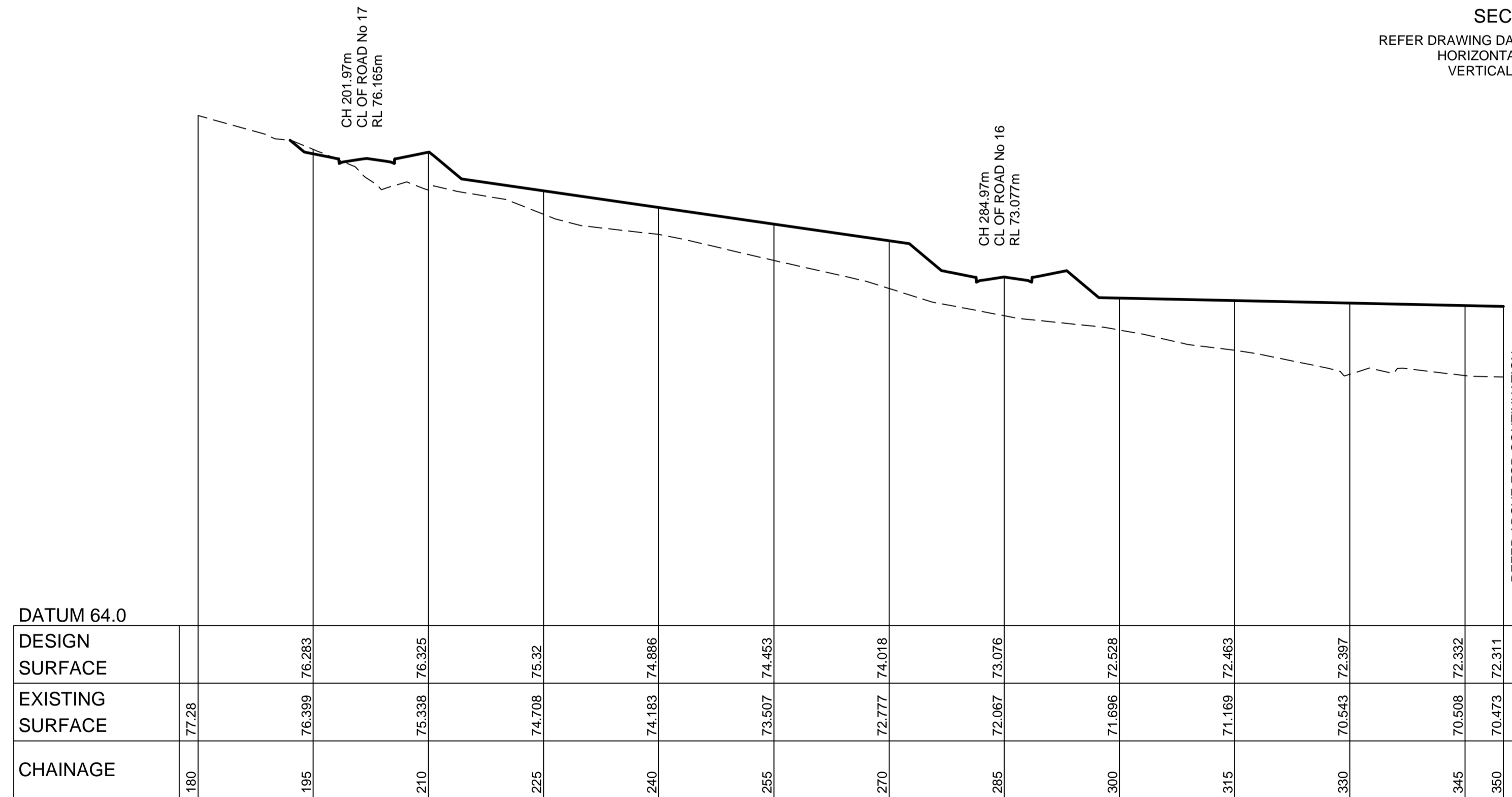
EDMONDSON PARK SOUTH STAGE 1 PROJECT APPLICATION
SITE SECTION 1

PLAN No: 9015/DA24 E
FILE No: 9015DA24
SHEET SIZE: A1 ORIGINAL

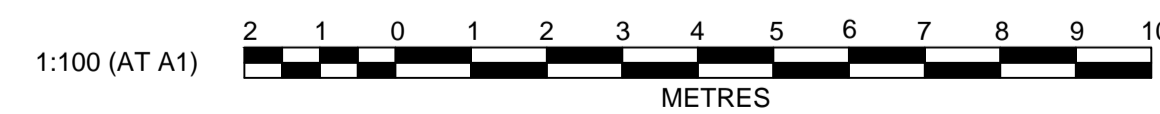
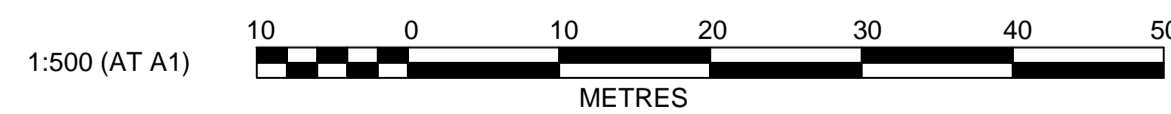
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SECTION 2
REFER DRAWING DA23 FOR SECTION MARK
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



SECTION 2
REFER DRAWING DA23 FOR SECTION MARK
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



E	DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
D	RE-ISSUED FOR PPR	DJH	TK	KN	SA	17/11/10
C	MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
B	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10
	AMENDMENT	DES	DRN	CKD	APR	DATE

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AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

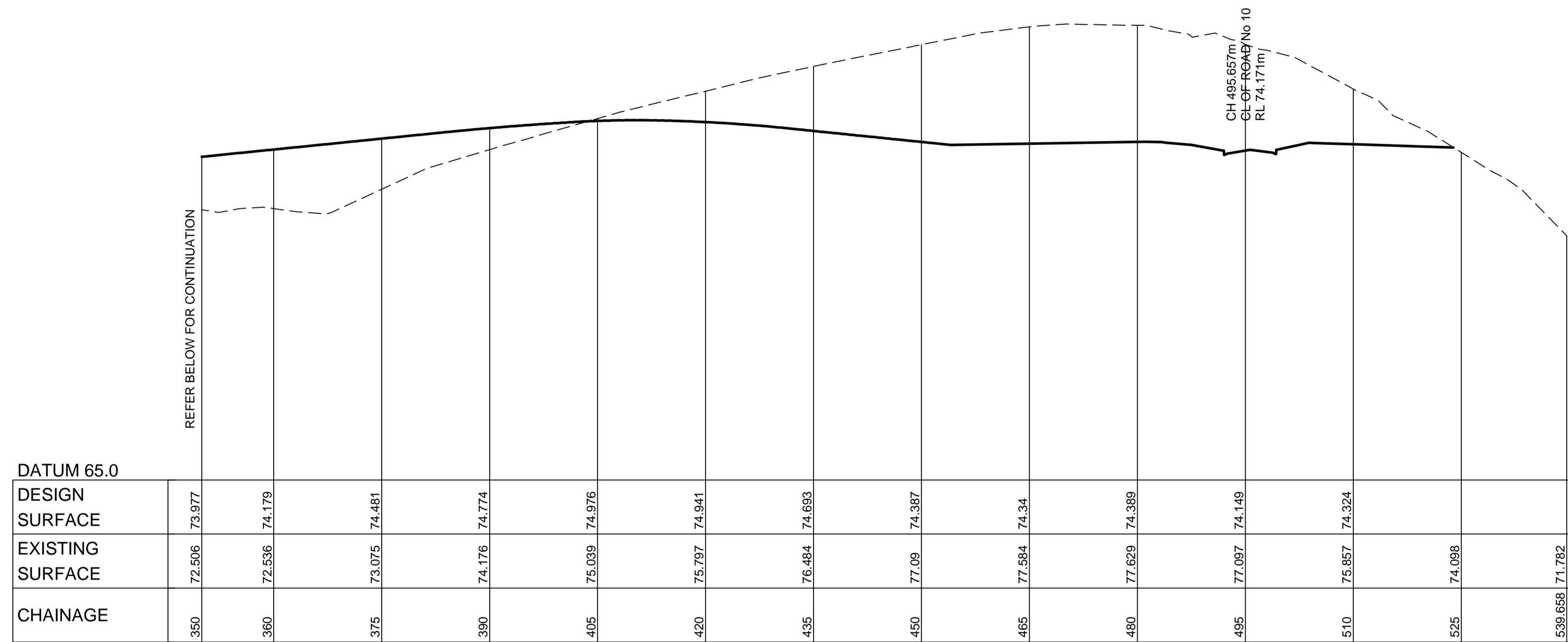
THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

ISSUED FOR
PART 3A STAGE 1 PROJECT APPLICATION

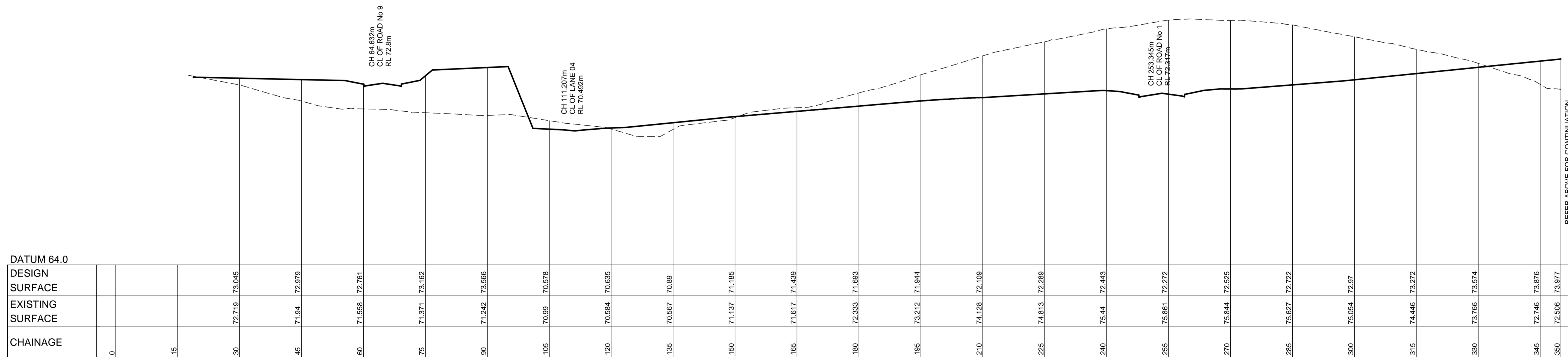
EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
SITE SECTION 2

PLAN No: 9015/DA25 **E**
FILE No: 9015DA25
SHEET SIZE: A1 ORIGINAL

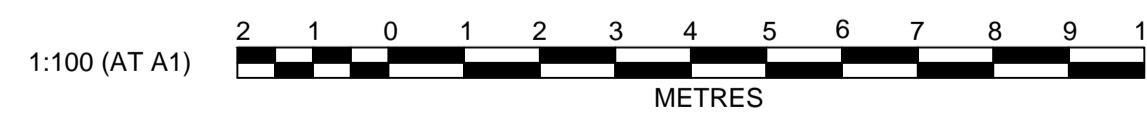
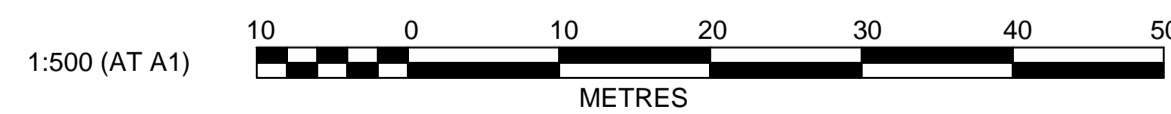
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SECTION 3
REFER DRAWING DA23 FOR SECTION MARK
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



SECTION 3
REFER DRAWING DA23 FOR SECTION MARK
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
E	DJH	TK	KN	SA	17/11/10
D	DJH	TK	KN	SA	17/11/10
C	DJH	DJH	KN	SA	10/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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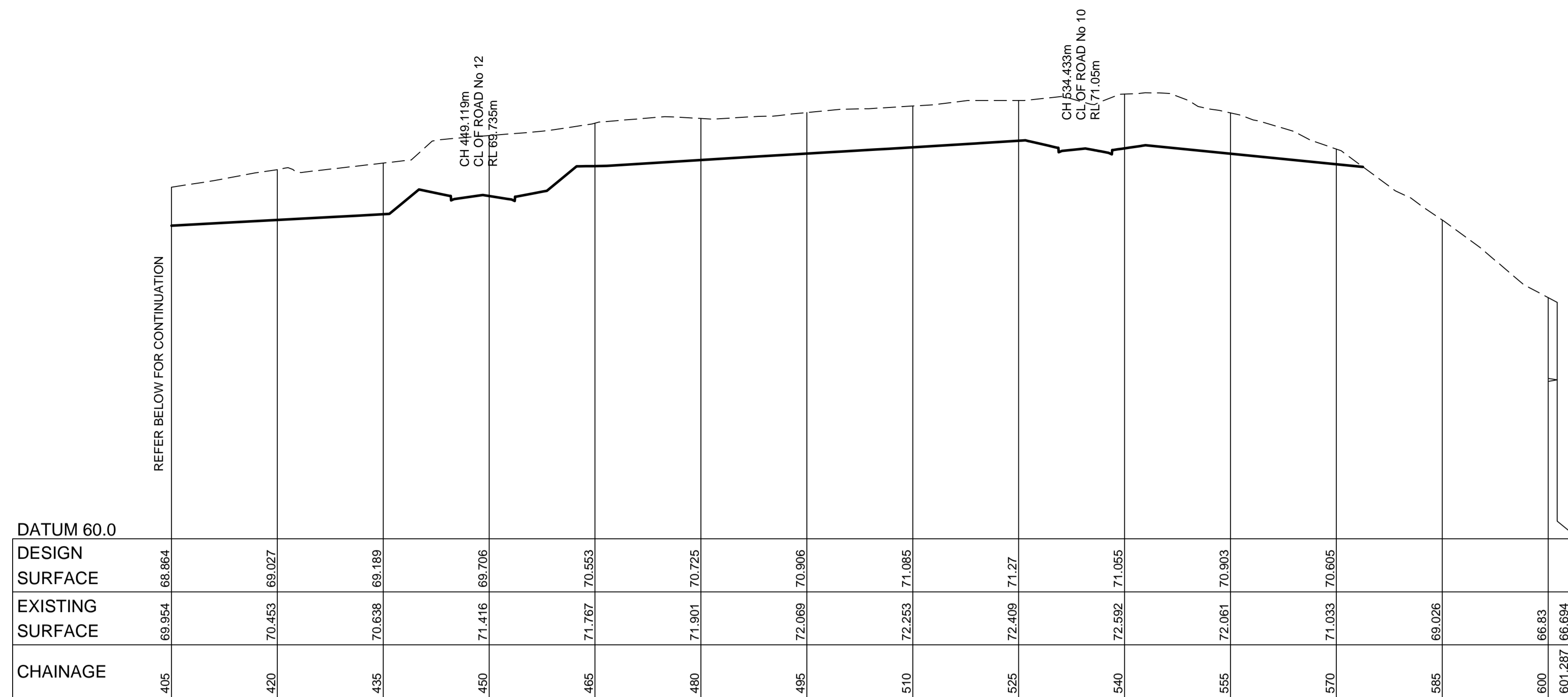
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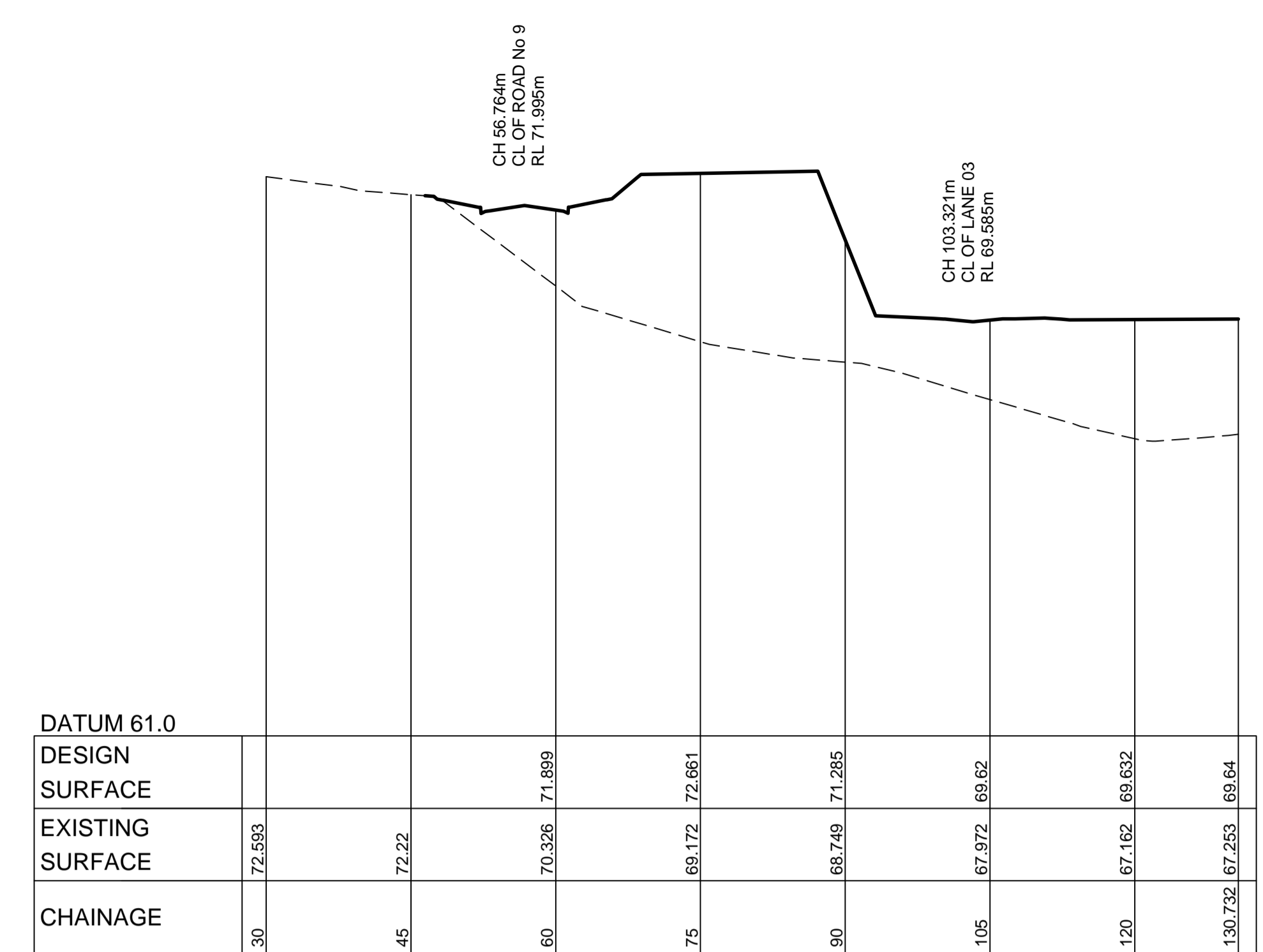
EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
SITE SECTION 3

PLAN No: 9015/DA26 **E**
FILE No: 9015DA26
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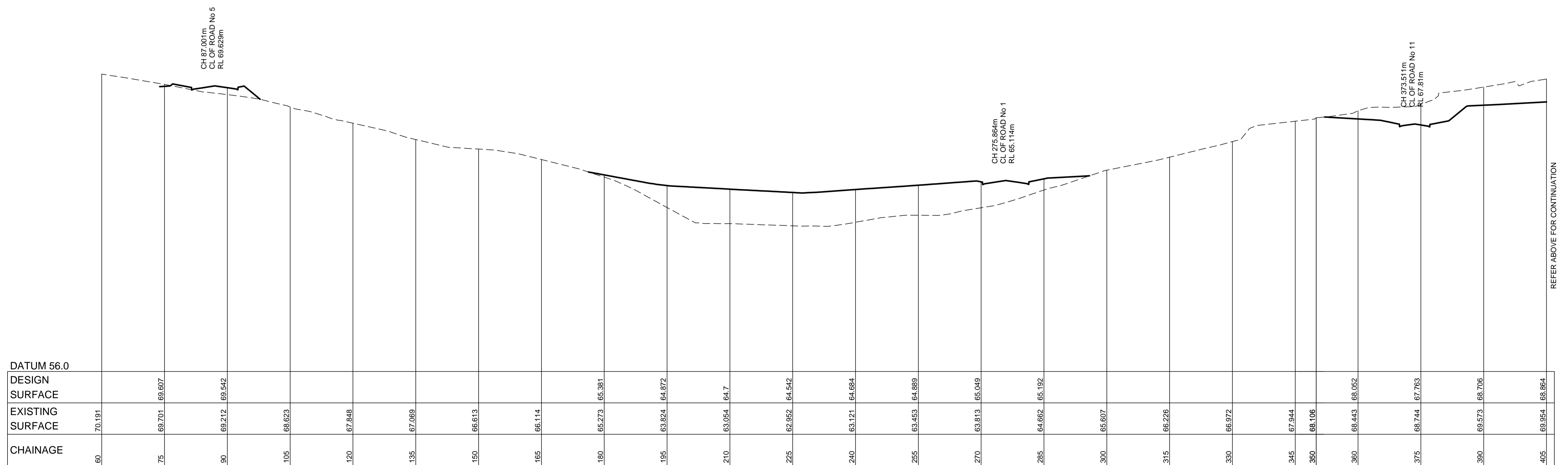
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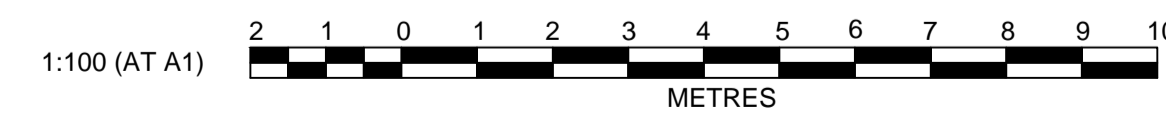
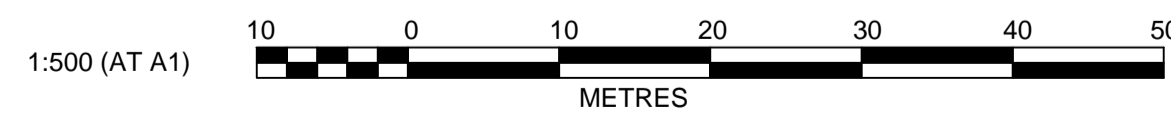
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REFER DRAWING DA23 FOR SECTION MARK
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



SECTION 5
REFER DRAWING DA23 FOR SECTION MARK
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



SECTION 4
REFER DRAWING DA23 FOR SECTION MARK
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



AMENDMENT	DES	DRN	CKD	APR	DATE
A	DJH	AS	KN	SA	23/08/10
B	DJH	AS	KN	SA	24/08/10
C	DJH	DJH	KN	SA	10/11/10
D	DJH	TK	KN	SA	17/11/10
E	DJH	TK	KN	SA	17/11/10

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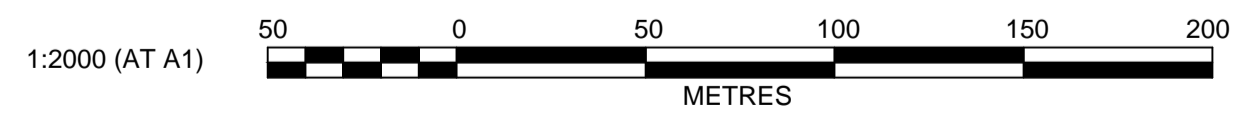
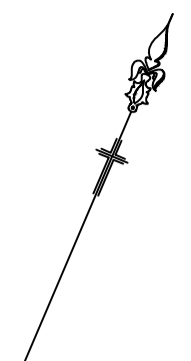
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STAGE 1 PROJECT APPLICATION
SITE SECTION 4 AND 5

PLAN No:	9015/DA27	E
FILE No:	9015DA27	
SHEET SIZE:	A1 ORIGINAL	

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LEGEND	
	STABILISED SITE ACCESS
	SILT FENCE
	STRAW BALE BARRIER
	STOCKPILE
	FILL
	CUT

AMENDMENT	DES	DRN	CKD	APR	DATE
F	DJH	TK	KN	SA	17/11/10
E	DJH	TK	KN	SA	17/11/10
D	DJH	DJH	KN	SA	10/11/10
C	DJH	TK	KN	SA	05/11/10
B	DJH	AS	KN	SA	24/08/10
A	DJH	AS	KN	SA	23/08/10

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EDMONDSON PARK SOUTH STAGE 1 PROJECT APPLICATION
 SOIL & WATER MANAGEMENT PLAN

PLAN No: 9015/DA28	F
FILE No: 9015DA28	
SHEET SIZE: A1 ORIGINAL	

GENERAL NOTES:

- ALL EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING REVEGETATION AND STORAGE OF SOIL AND TOPSOIL, SHALL BE IMPLEMENTED TO THE REQUIREMENTS OF THE "ENVIRONMENT PROTECTION AUTHORITY" AND "DEPT OF LAND AND WATER CONSERVATION" MEASURES OUTLINED IN THE SOIL & WATER MANAGEMENT PLAN MUST BE IMPLEMENTED PRIOR TO AND MAINTAINED DURING AND AFTER THE CONSTRUCTION WORKS.
- TOPSOIL FROM ALL AREAS TO BE DISTURBED SHALL BE STOCKPILED AND LATER RESPREAD TO AID REVEGETATION IN THOSE AREAS.
- ALL DRAINAGE WORKS SHALL BE CONSTRUCTED AND STABILIZED AS EARLY AS POSSIBLE DURING DEVELOPMENT.
- ALL TAIL-OUT DRAINS SHALL BE GRASSED AND TRAPEZOIDAL IN SECTION. STRAW BALES SHALL BE PLACED AS A SEDIMENT CONTROL DEVICE WHERE REQUIRED.
- VEHICULAR TRAFFIC SHALL BE CONTROLLED DURING DEVELOPMENT CONFINING ACCESS WHERE POSSIBLE TO PROPOSED OR EXISTING ROAD ALIGNMENTS. AREAS TO BE LEFT UNDISTURBED SHALL BE MARKED OFF.
- DISTURBANCE OF VEGETATION SHALL BE LIMITED TO FILL AREAS, ROADWAYS AND DRAINAGE LINES. NO LOT GRADING SHALL BE CARRIED OUT IN UNDISTURBED AREAS WITHOUT CONSULTATION WITH COUNCIL'S ENGINEER.
- ALL DISTURBED AREAS SHALL BE REVEGETATED WITHIN 14 WORKING DAYS FROM THE CONCLUSION OF LAND SHAPING.
- MINIMISE DUST BY WATERING WHEN REQUIRED.

STOCKPILE NOTES:

- SPOIL AND TOPSOIL STOCKPILES SHALL BE LOCATED AWAY FROM DRAINAGE LINES AND AREAS WHERE WATER MAY CONCENTRATE.
- IF STOCKPILES ARE TO BE IN PLACE FOR LONGER THAN 14 DAYS THEN THEY SHALL BE STABILIZED BY COVERING WITH A MULCH OR WITH TEMPORARY VEGETATION.
- FOLLOWING CONSTRUCTION, TOPSOIL SHALL BE RESPREAD TO A MINIMUM DEPTH OF 100mm ON THE BARE SOIL SURFACES AND REVEGETATE. ALL STOCKPILES TO BE (MAX) 2m HIGH AND PROTECTED WITH SILT FENCE.

SPECIAL NOTES:

- LOCATION AND EXTENT OF SOIL AND WATER MANAGEMENT DEVICES IS DIAGRAMMATIC ONLY AND THE ACTUAL REQUIREMENTS SHALL BE CONFIRMED ON SITE.
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE GUIDELINES SET OUT IN "MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION" - 4TH EDITION AND THE ACCOMPANYING ROAD AND DRAINAGE PLANS.
- CONFORMITY WITH THIS PLAN SHALL IN NO WAY REDUCE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AGAINST WATER DAMAGE DURING THE COURSE OF THE CONTRACT.
- MANAGEMENT DEVICES SHALL BE MAINTAINED ON A REGULAR BASIS. WHERE CLEANING IS REQUIRED, THE SEDIMENT SHALL BE REMOVED TO A POINT NOMINATED BY THE ENGINEER.
- PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS, AND AFTER THE ROAD CENTRELINES HAVE BEEN PEGGED AND/OR PERMANENTLY MARKED, THE SITE MUST BE INSPECTED BY COUNCIL'S REPRESENTATIVE AND THE APPLICANT'S REPRESENTATIVE TO IDENTIFY AND APPROPRIATELY MARK:-
a) THE TREES TO BE RETAINED.
b) ALL TREES TO BE LEFT UNDISTURBED AND TO BE CORDONED OFF.
- NO TREES SHALL BE REMOVED WITHOUT COUNCIL'S CLEARANCE.
- MANAGEMENT DEVICES TO REMAIN UNTIL THE END OF THE MAINTENANCE PERIOD.

SEDIMENTATION CONTROL DEVICES:

- ALL STRAW BALES SHALL BE BOUND WITH WIRE. STRAW BALES SHALL BE PLACED END TO END IN A SINGLE ROW AND EMBEDDED INTO THE SOIL TO A DEPTH OF 100mm. EACH BALE SHALL BE SECURELY ANCHORED WITH TWO STEEL STAKES DRIVEN 450mm INTO THE GROUND AND LOCATED ON THE BALE CENTRE LINE.
- SILT FENCES SHALL BE CONSTRUCTED BY STRETCHING A FILTER FABRIC (PROPEX OR SIMILAR) BETWEEN POSTS AT 2m (3m MAX) CENTRES. FABRIC SHALL BE BURIED 150mm ALONG ITS LOWER EDGE.

1. Site Data Sheet

Site Name: Edmondson Park Defense Site
 Site Location: Ingleburn
 Precinct: Stage 1
 Description of Site:

Site area	1a	1b	7	Remarks
Total catchment area (ha)	27.7	24.2	28	
Disturbed catchment area (ha)	6.67	18.6	1.2	

Soil analysis

	1a	1b	7	Remarks
% sand (fraction 0.02 to 2.00 mm)	10	10	10	Soil texture should be assessed through mechanical dispersion only. Dispersing agents (e.g. Calgon) should not be used
% silt (fraction 0.002 to 0.02 mm)	30	30	30	
% clay (fraction finer than 0.002 mm)	60	60	60	
Dispersion percentage	60.0	50.0	50.0	E.g. enter 10 for dispersion of 10%
% of whole soil dispersible	37.5	37.5	37.5	See Section 6.3.3(e)
Soil Texture Group	D	D	D	See Section 6.3.3(c), (d) and (e)

Rainfall data

Design rainfall depth (days)	5	5	5	See Sections 6.3.4 (d) and (e)
Design rainfall depth (percentile)	75	75	75	See Sections 6.3.4 (f) and (g)
x-day, y-percentile rainfall event	19.3	19.3	19.3	See Section 6.3.4 (h)
Rainfall intensity: 2-year, 6-hour storm	11	11	11	See IFD chart for the site

RUSLE Factors

Rainfall erosivity (R-factor)	2630	2630	2630	Automatic calculation from above data
Soil erodibility (K-factor)	0.038	0.038	0.038	
Slope length (m)	80	80	80	
Slope gradient (%)	5	5	5	RUSLE data can be obtained from
Length/gradient (LS-factor)	1.19	1.19	1.19	Appendices A, B and C
Erosion control practice (P-factor)	1.3	1.3	1.3	
Ground cover (C-factor)	1	1	1	

Calculations

Soil loss (t/ha/yr)	156	156	155	
Soil Loss Class	2	2	2	See Section 4.4.2(b)
Soil loss (m ³ /ha/yr)	119	119	119	
Sediment basin storage volume, m ³	135	376	24	See Sections 6.3.4(f) and 6.3.5 (e)

Peak flow calculations, 1

Site	A (ha)	tc (mins)	Rainfall Intensity, I, mm/hr					C ₁₉	
			1 _{yr,tc}	5 _{yr,tc}	10 _{yr,tc}	20 _{yr,tc}	50 _{yr,tc}		100 _{yr,tc}
1a	27.7	28	36.4	58.7	65.6	74.8	88.8	96.3	0.9
1b	24.2	27	41.22	66.4	74.12	84.58	98.04	108.6	0.9
7	28	28	42.13	67.85	75.73	86.42	100.16	110.7	0.9

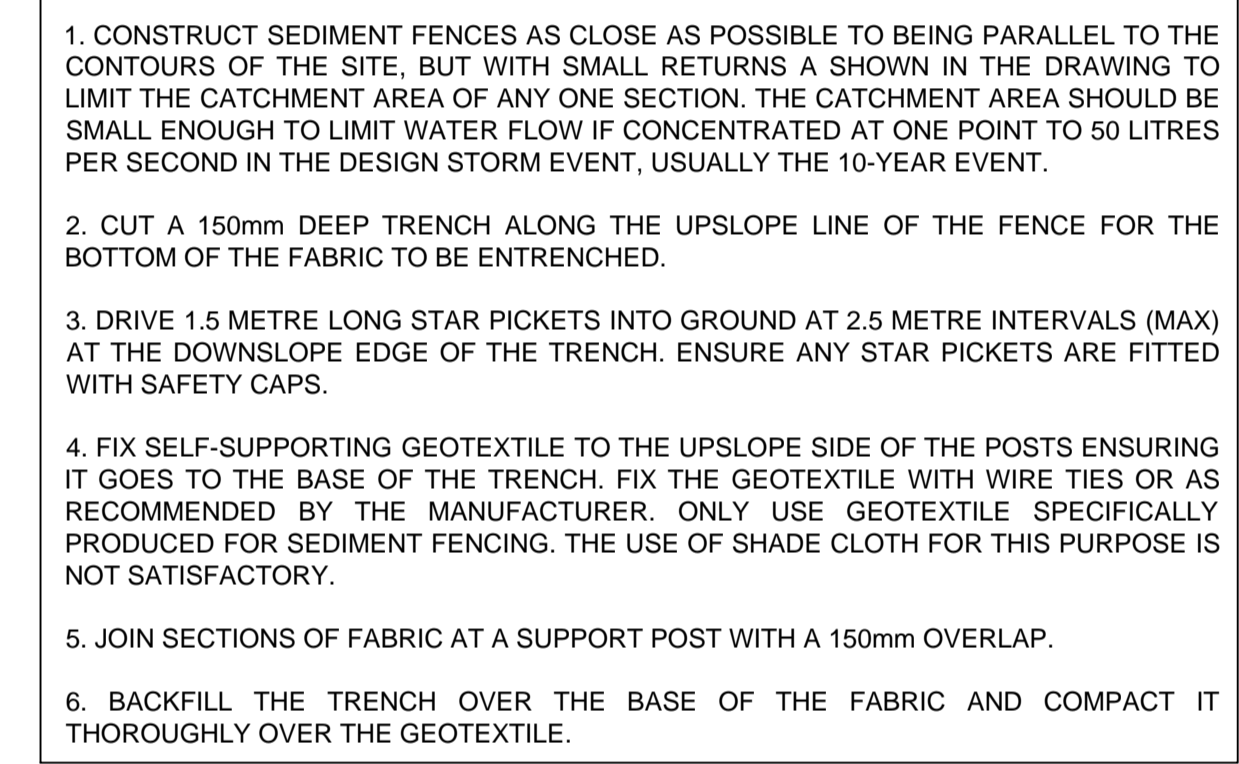
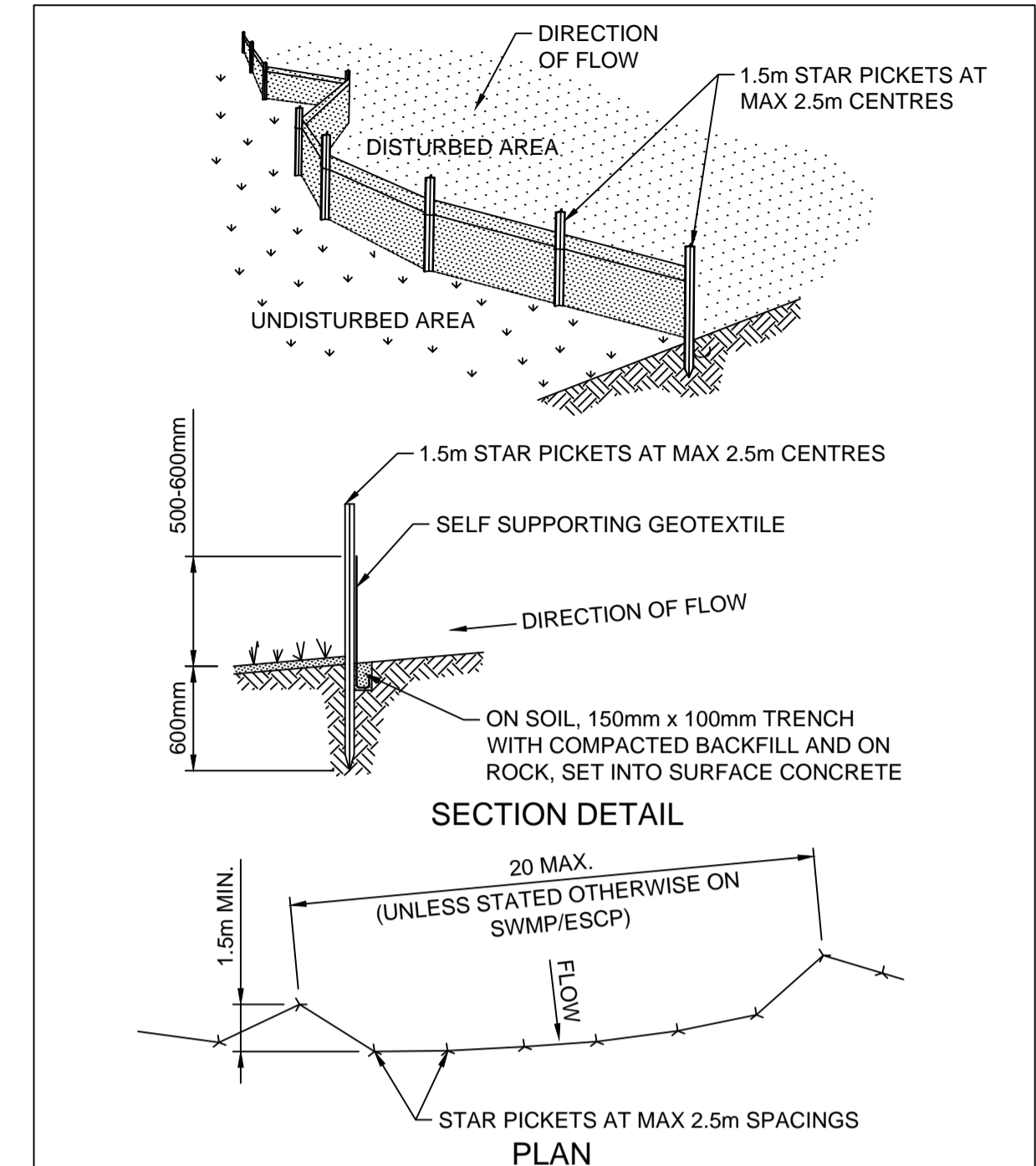
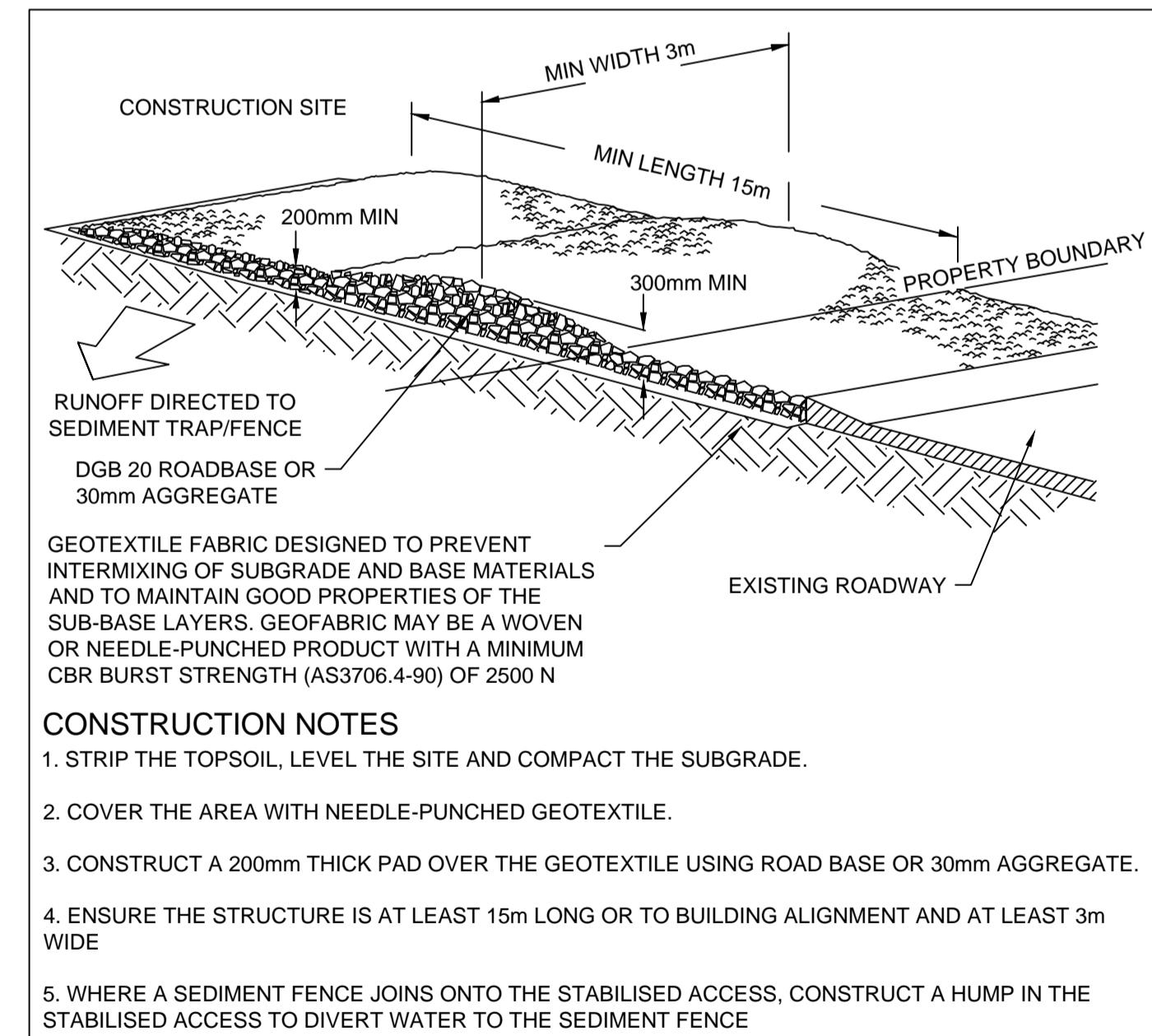
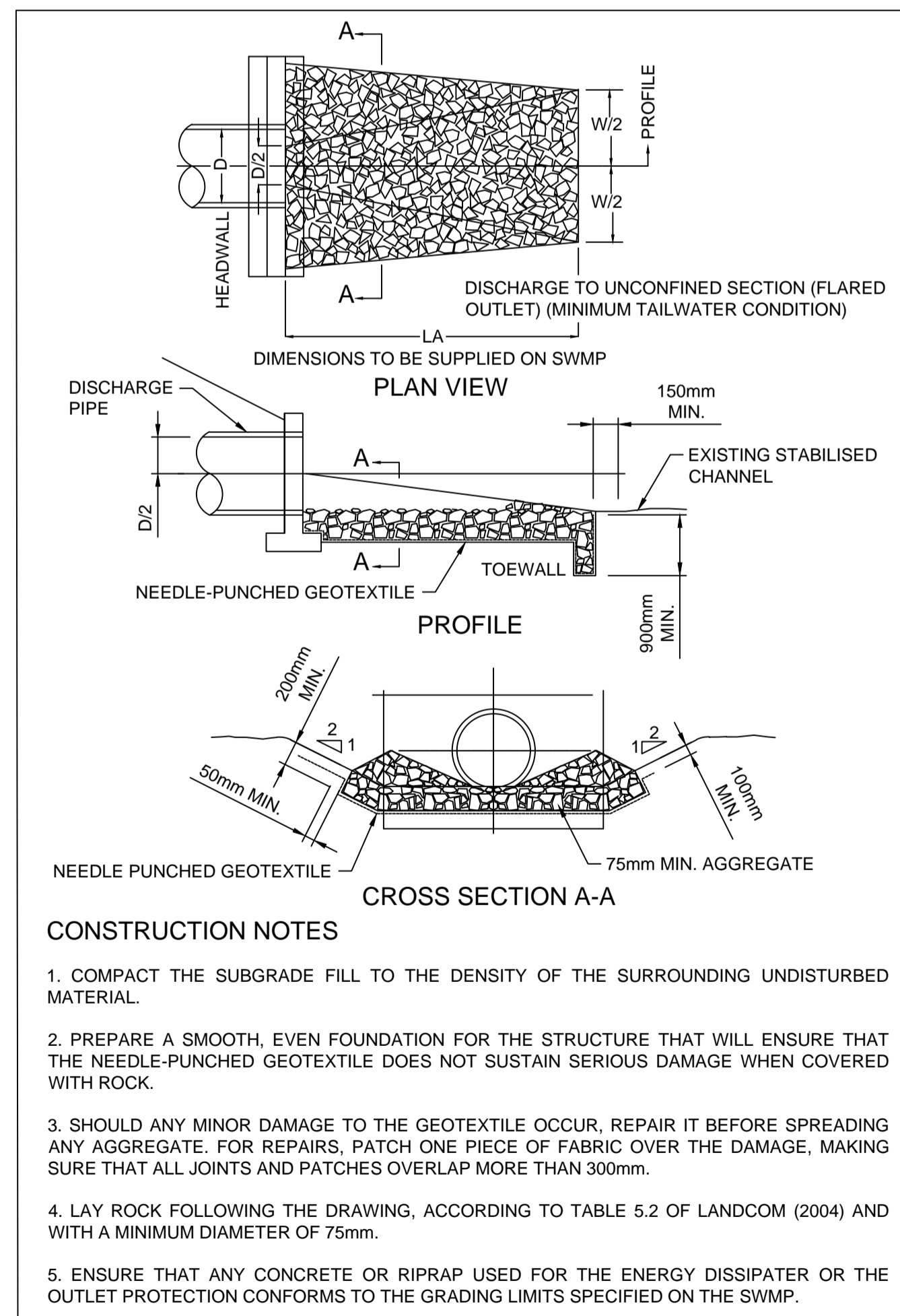
Peak flow calculations, 2

ARI (yrs)	Frequency factor (F _y)	Peak flows					Comment
		1a (m ³ /s)	1b (m ³ /s)	7 (m ³ /s)	5 (m ³ /s)	5 (m ³ /s)	
1 yr,tc	0.8	2.018	1.997	2.361			
5 yr,tc	0.95	3.865	3.819	4.516			
10 yr,tc	1	4.546	4.488	5.305			
20 yr,tc	1.05	5.443	5.377	6.357			
50 yr,tc	1.15	6.918	6.827	8.069			
100 yr,tc	1.2	8.009	7.891	9.306			

Total Basin Volume

Site	C _v	R _{1-day, 1-hr}	Total catchment area (ha)	Settling zone volume (m ³)	Sediment storage volume (m ³)	Total basin volume (m ³)
1a	0.50	19.3	27.7	2673.05	135	2808.05
1b	0.50	19.3	24.2	2335.3	376	2711.3
7	0.50	19.3	28	2702	24	2726

SEDIMENT BASIN CALCULATIONS



Plotdate: November 17, 2010 File Name: J:\9015DA29 - Development Application Plans\9015DA29 SWM NOTES.dwg

REV	DESCRIPTION	DES	DRN	CKD	APR	DATE
E	DRIVEWAY 1 CROSS SECTION AND LOTS 1101-1103 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
D	RE-ISSUED FOR PPR	DJH	TK	KN	SA	17/11/10
C	MINOR AMENDMENTS TO LOTS AND ROAD CROSS SECTIONS	DJH	DJH	KN	SA	10/11/10
B	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
A	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10
	AMENDMENT	DES	DRN	CKD	APR	DATE

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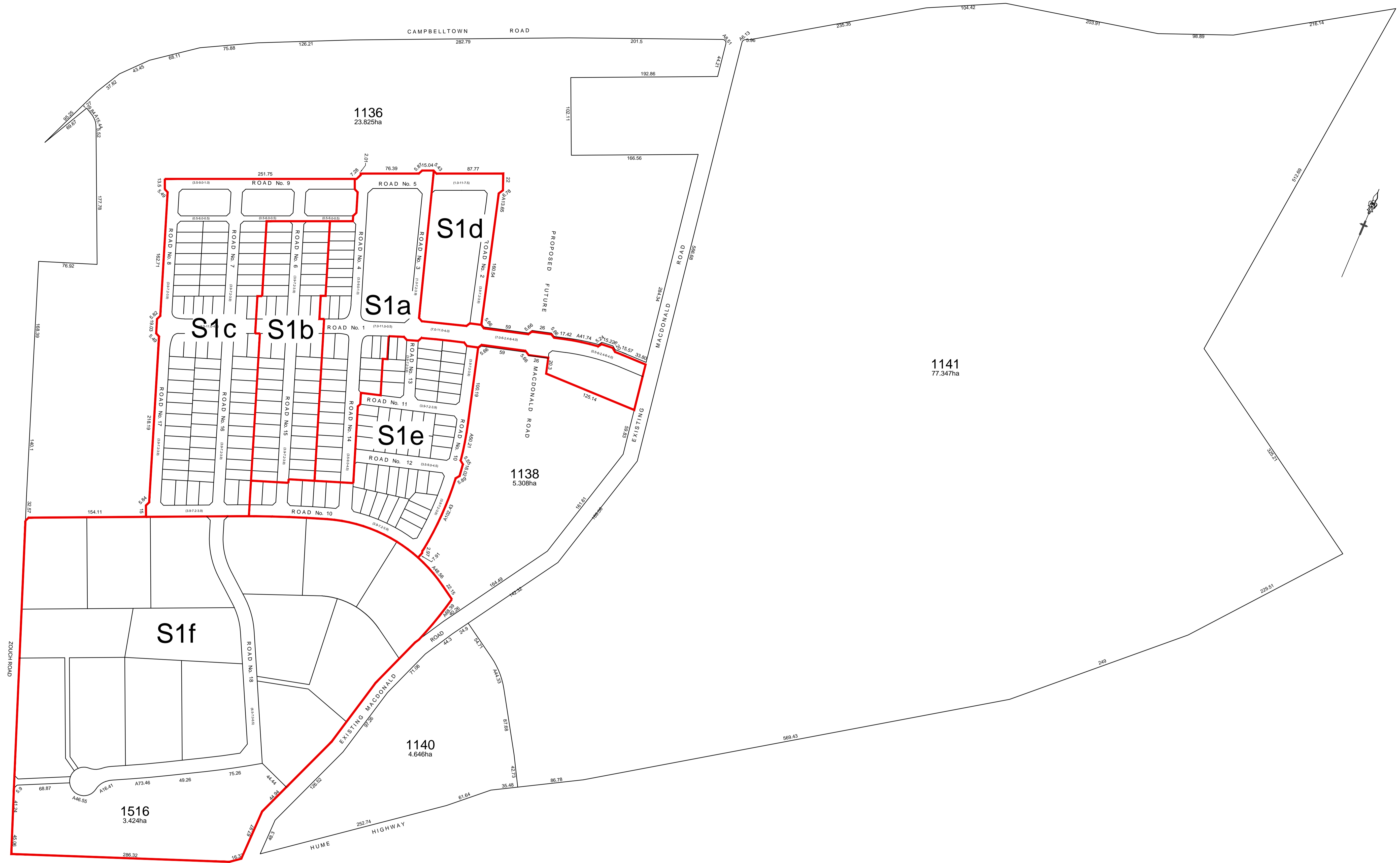
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EDMONDSON PARK SOUTH STAGE 1 PROJECT APPLICATION
 SOIL & WATER MANAGEMENT NOTES & SEDIMENT BASIN CALCULATIONS

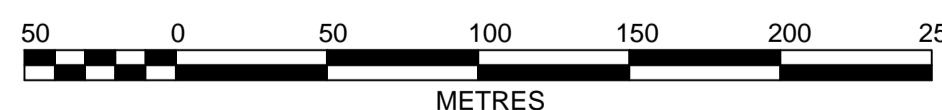
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REFER TO J. WYNDHAM PRINCE DRAWINGS 9015/DA101 AND 9015/DA102 FOR DETAILED PLAN OF PROPOSED STAGE 1 SUBDIVISION

1:2500 (AT A1)



G	LOTS 1302, 1102, 1101 AND 1445 ADJUSTED	DJH	TK	KN	SA	17/11/10
F	LOTS ADJACENT TO ROUNDABOUTS AND ROAD 1 ADJUSTED	DJH	DJH	KN	SA	10/11/10
E	ROAD 18 CARRIAGEWAY, LOTS 1504 AND 1512 ADJUSTED	DJH	VG	KN	SA	08/11/10
D	LOT NUMBERS ADJUSTED	DJH	VG	KN	SA	27/09/10
C	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
B	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10
A	ISSUED FOR PART 3A PROJECT APPLICATION		PS	GM		19/08/10
	AMENDMENT	DES	DRN	CKD	APR	DATE

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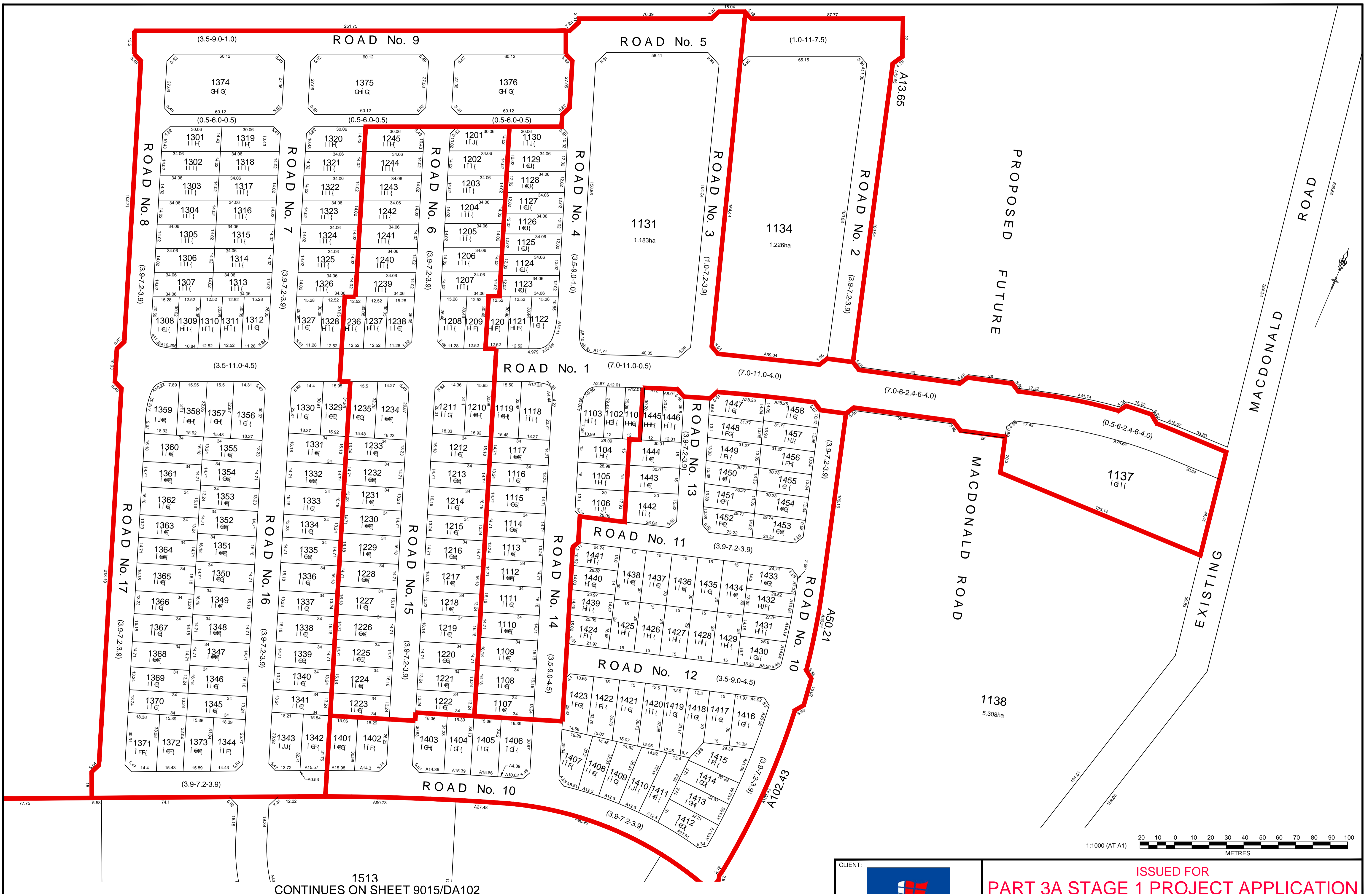


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EDMONDSON PARK SOUTH
 STAGE 1 PROJECT APPLICATION
 PLAN OF SUBDIVISION OF OF LOT 1 DP 831148, LOT 1 DP831149
 LOT 2 DP1144667 & LOT 3 DP246213

PLAN No:	9015/DA100	G
FILE No:	9015DA100	
SHEET SIZE:	A1 ORIGINAL	



1513
CONTINUES ON SHEET 9015/DA102

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E	ROAD 18 CARRIAGEWAY, LOTS 1504 AND 1512 ADJUSTED	DJH	VG	KN	SA	08/11/10
D	LOT NUMBERS ADJUSTED	DJH	VG	KN	SA	28/09/10
C	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
B	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10
A	ISSUED FOR PART 3A PROJECT APPLICATION	PS	GM			19/08/10
	AMENDMENT	DES	DRN	CKD	APR	DATE

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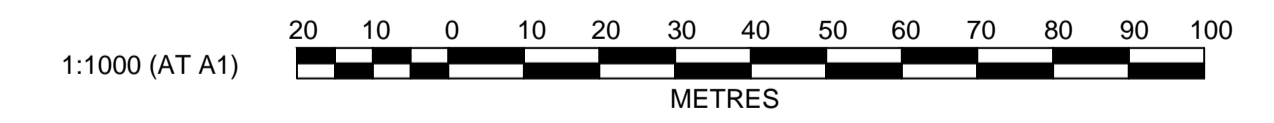
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PART 3A STAGE 1 PROJECT APPLICATION
 EDMONDSON PARK SOUTH
 STAGE 1 PROJECT APPLICATION
 PLAN OF SUBDIVISION OF OF LOT 1 DP 831148, LOT 1 DP831149
 LOT 2 DP1144667 & LOT 3 DP246213 - STAGE 1 SHEET 1 OF 2

PLAN No: 9015/DA101 **G**
 FILE No: 9015DA101
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CONTINUES ON SHEET 9015/DA101



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E	ROAD 18 CARRIAGEWAY, LOTS 1504 AND 1512 ADJUSTED	DJH	VG	KN	SA	08/11/10
D	LOT NUMBERS ADJUSTED	DJH	VG	KN	SA	29/09/10
C	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	24/08/10
B	ISSUED FOR PART 3A PROJECT APPLICATION	DJH	AS	KN	SA	23/08/10
A	ISSUED FOR PART 3A PROJECT APPLICATION	PS	GM			19/08/10
	AMENDMENT	DES	DRN	CKD	APR	DATE

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EDMONDSON PARK SOUTH
STAGE 1 PROJECT APPLICATION
PLAN OF SUBDIVISION OF OF LOT 1 DP 831148, LOT 1 DP831149
LOT 2 DP1144667 & LOT 3 DP246213 - STAGE 1 SHEET 2 OF 2

PLAN No:
9015/DA102 **G**
FILE No: 9015DA102
SHEET SIZE: A1 ORIGINAL