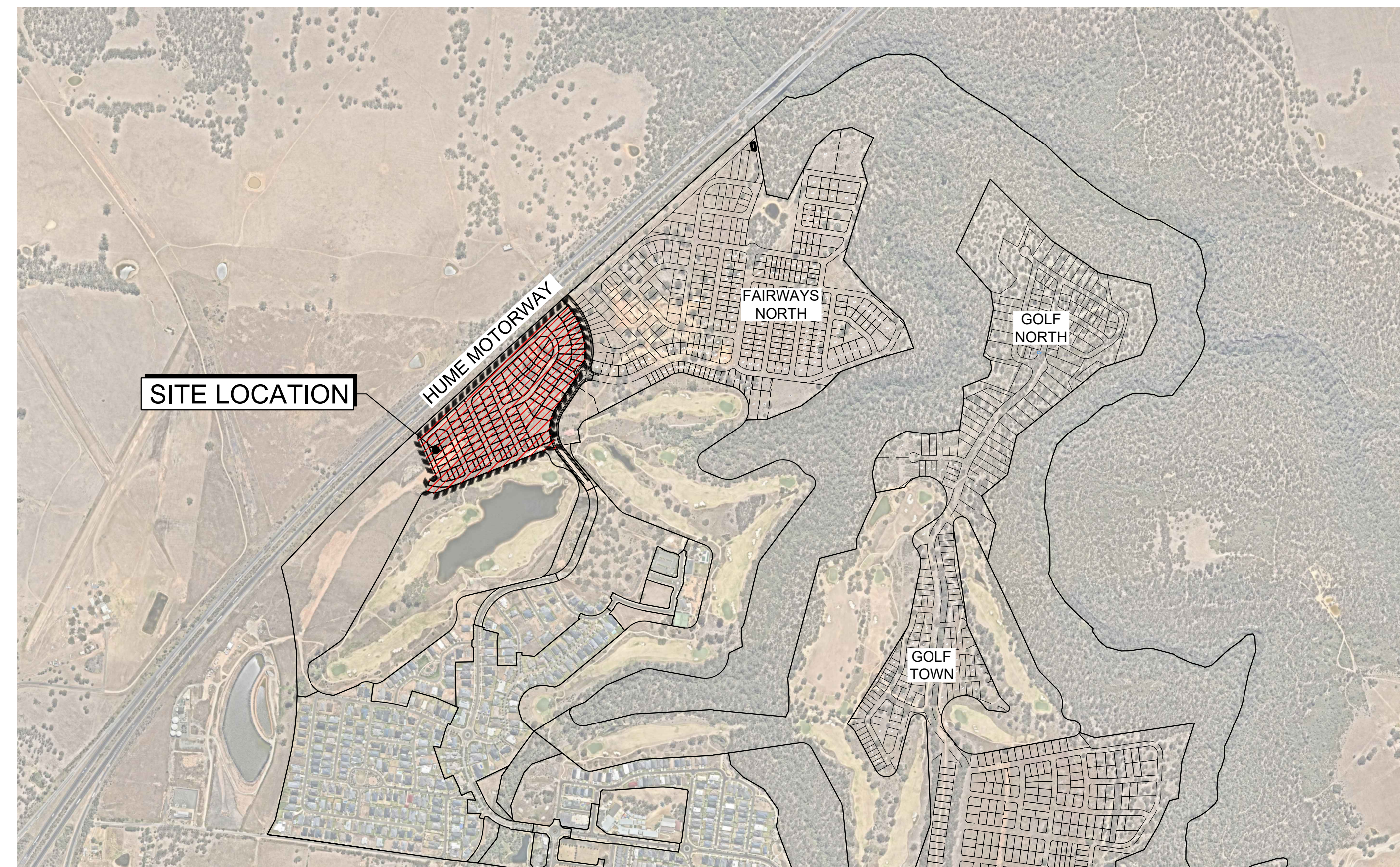




BINGARA GORGE WILTON FAIRWAYS WEST STAGE 1 DEVELOPMENT APPLICATION

PROPOSED LOT, ROAD AND DRAINAGE WORKS
LOT 31 DP 270536



LOCALITY SKETCH

Prepared By:

J. WYNDHAM PRINCE

**CONSULTING CIVIL INFRASTRUCTURE ENGINEERS
& PROJECT MANAGERS**

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E jwp@jwprince.com.au

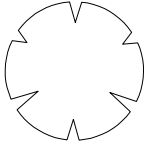
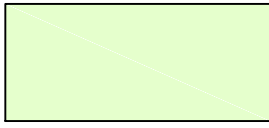
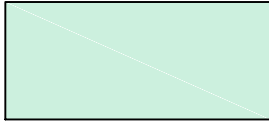
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PLAN No.
978519/DA101

B

FILE No. 978519DA101

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LEGEND		
DESCRIPTION	PROPOSED	EXISTING
EXTENT OF WORKS	////////	
CONTOURS	---46.0--- -----47.0-----	
GROSS POLLUTANT TRAP	GPT ●	
COMMUNICATION POWERTEL		--- POW --- POW ---
COMMUNICATION NEXTGEN		--- NEX --- NEX ---
COMMUNICATION OPTUS		--- OPT --- OPT ---
COMMUNICATION TELSTRA		--- TEL --- TEL ---
TREES TO BE RETAINED		
TREES TO BE REMOVED		
EXISTING GOLF COURSE		
ENVIRONMENTS PROTECTION AND RECREATIONAL LANDS		

CIVIL PLAN INDEX		
PLAN NO.	PLAN NAME	REV
978519/DA101	COVER SHEET	B
978519/DA102	LEGEND, INDEX, AND NOTES	C
978519/DA103	OVERALL SITE PLAN	C
978519/DA104	ANTICIPATED CONSTRUCTION STAGING PLAN	B
978519/DA105	ROAD HIERARCHY PLAN AND TYPICAL SECTIONS	B
978519/DA106	CUT AND FILL PLAN	B
978519/DA107	ENGINEERING PLAN SHEET 1	B
978519/DA108	ENGINEERING PLAN SHEET 2	B
978519/DA109	ENGINEERING PLAN SHEET 3	B
978519/DA110	TREE REMOVAL PLAN	B
978519/DA111	SITE SECTIONS SHEET 1	B
978519/DA112	SITE SECTIONS SHEET 2	B
978519/DA113	SITE SECTIONS SHEET 3	B
978519/DA114	ROAD LONGITUDINAL SECTIONS SHEET 1	B
978519/DA115	ROAD LONGITUDINAL SECTIONS SHEET 2	B
978519/DA116	ROAD LONGITUDINAL SECTIONS SHEET 3	B
978519/DA117	ROAD LONGITUDINAL SECTIONS SHEET 4	B
978519/DA118	OVERALL CATCHMENT PLAN	B
978519/DA119	SOIL AND WATER MANAGEMENT PLAN	B

EXISTING UTILITY SERVICES		
PLANS BY WALLIS & MOORE PTY LTD		
PLAN NO.	PLAN NAME	REV
23310/P22	PLAN SHOWING APPROXIMATE LOCATION OF POWERTEL, NEXGEN, OPTUS & TELSTRA CABLES WITHIN PART LOT 101 IN DP 1045369 WILTON PARK - SHEET 1	1
23310/P22	PLAN SHOWING APPROXIMATE LOCATION OF POWERTEL, NEXGEN, OPTUS & TELSTRA CABLES WITHIN PART LOT 101 IN DP 1045369 WILTON PARK - SHEET 2	1
23310/P22	PLAN SHOWING APPROXIMATE LOCATION OF POWERTEL, NEXGEN, OPTUS & TELSTRA CABLES WITHIN PART LOT 101 IN DP 1045369 WILTON PARK - SHEET 3	1
23310/P22	PLAN SHOWING APPROXIMATE LOCATION OF POWERTEL, NEXGEN, OPTUS & TELSTRA CABLES WITHIN PART LOT 101 IN DP 1045369 WILTON PARK - SHEET 4	1
23310/P22	PLAN SHOWING APPROXIMATE LOCATION OF POWERTEL, NEXGEN, OPTUS & TELSTRA CABLES WITHIN PART LOT 101 IN DP 1045369 WILTON PARK - SHEET 5	1
23310/P22	PLAN SHOWING APPROXIMATE LOCATION OF POWERTEL, NEXGEN, OPTUS & TELSTRA CABLES WITHIN PART LOT 101 IN DP 1045369 WILTON PARK - SHEET 6	1
23310/P22	PLAN SHOWING APPROXIMATE LOCATION OF POWERTEL, NEXGEN, OPTUS & TELSTRA CABLES WITHIN PART LOT 101 IN DP 1045369 WILTON PARK - SHEET 7	1

GENERAL NOTES

- THESE PLANS ARE ONLY FOR THE PURPOSE OF LODGING A DEVELOPMENT APPLICATION TO COUNCIL.
- THE PROPERTY BOUNDARIES, LAYOUT AND EASEMENTS SHOWN ARE SUBJECT TO CHANGE DURING THE DETAIL PROCESS OF THE DEVELOPMENT AND FINAL CADASTRAL SURVEY AND BOUNDARY 'FIX' TO MEET THE REQUIREMENTS OF NSW LPI SERVICE.
- THE LEVEL AND CONFIGURATION OF ANY ROAD, THE LEVEL AND EXTENT OF ANY FILLING AREA, AND THE LEVEL, LOCATION AND SIZE OF ANY STORMWATER DRAINS ARE ALSO SUBJECT TO CHANGE DURING THE DETAIL DESIGN PROCESS OF THE DEVELOPMENT. ACCORDINGLY EVERY DIMENSION, DISTANCE, LEVEL OR SIMILAR IS APPROXIMATE ONLY.
- DO NOT SCALE ANY DIMENSION FROM THESE PLANS. CHECK WITH J.WYNDHAM PRINCE REGARDING ANY UNDIMENSIONED DISTANCE.
- THE WORKS SHOWN ON THESE PLANS WILL BE CONSTRUCTED TO COUNCIL'S ADOPTED ENGINEERING STANDARD.

STORMWATER NOTES

- STORMWATER IS SUBJECT TO DETAIL DESIGN. 2D LAYOUT SHOWN ON PLANS ONLY.
- ALL DRAINAGE LINES THROUGH LOTS SHALL BE CONTAINED WITHIN THE FOLLOWING EASEMENTS:
 - INTER ALLOTMENT DRAINS (I.A.D) UP TO 300mm DIAMETER - 1.5m WIDE EASEMENT.
 - ALL OTHER DRAINS - REFER TO COUNCIL'S DESIGN SPECIFICATION.

EXISTING UTILITIES

- EXISTING UTILITIES SHOWN ON THESE PLANS ARE LOCATED USING SERVICE MARKERS AND SURVEYED BY WALLIS & MOORE PTY LTD.
- LOCATION AND DEPTH OF SERVICES IS TO BE CONFIRMED USING POTHOLE OR NON DISTRACTIVE INVESTIGATION.
- REFER TO WALLIS & MOORE PTY LTD PLANS 2310/P22 FOR DETAILS.
- NO WORK IS TO BE UNDERTAKEN WITHIN THE UTILITY EASEMENT AT LOT 279 WITHOUT CONFIRMATION AND APPROVALS FROM UTILITY AUTHORITIES.



UTILITIES SHOWN ARE DIAGRAMMATIC ONLY, CONTRACTORS ARE RESPONSIBLE TO LOCATE AND AVOID DAMAGE TO THEM AS SPECIFIED BY EACH UTILITIES EXCAVATION GUIDE LINES & STANDARDS.

NOTE: UTILITIES SHOWN MAY NOT INCLUDE ALL SERVICES WITHIN THE LIMIT OF WORKS

C	ISSUE FOR DA APPROVAL	KM	KM	MS	RO	26/10/18
B	ISSUE FOR DA APPROVAL	KM	CC	MS	RO	08/10/18
A	ISSUE FOR DA APPROVAL	KM	CC	MS	RO	04/10/18
	AMENDMENT	DES	DRN	CKD	APR	DATE

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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
LEGEND, INDEX, AND NOTES

PLAN No:
978519/DA102

C

FILE No: 978519DA102

SHEET SIZE: A1 ORIGINAL

Plotted: 25 October, 2018 4:44:11 PM File Name: J:\9785 - Bingara Gorge Wilton\9785 19 Fairways Golf Design\CD\DA\FAIRWAYS WEST DOCUMENTATION\978519DA103.dwg

LEGEND

FAIRWAYS WEST STAGE 1

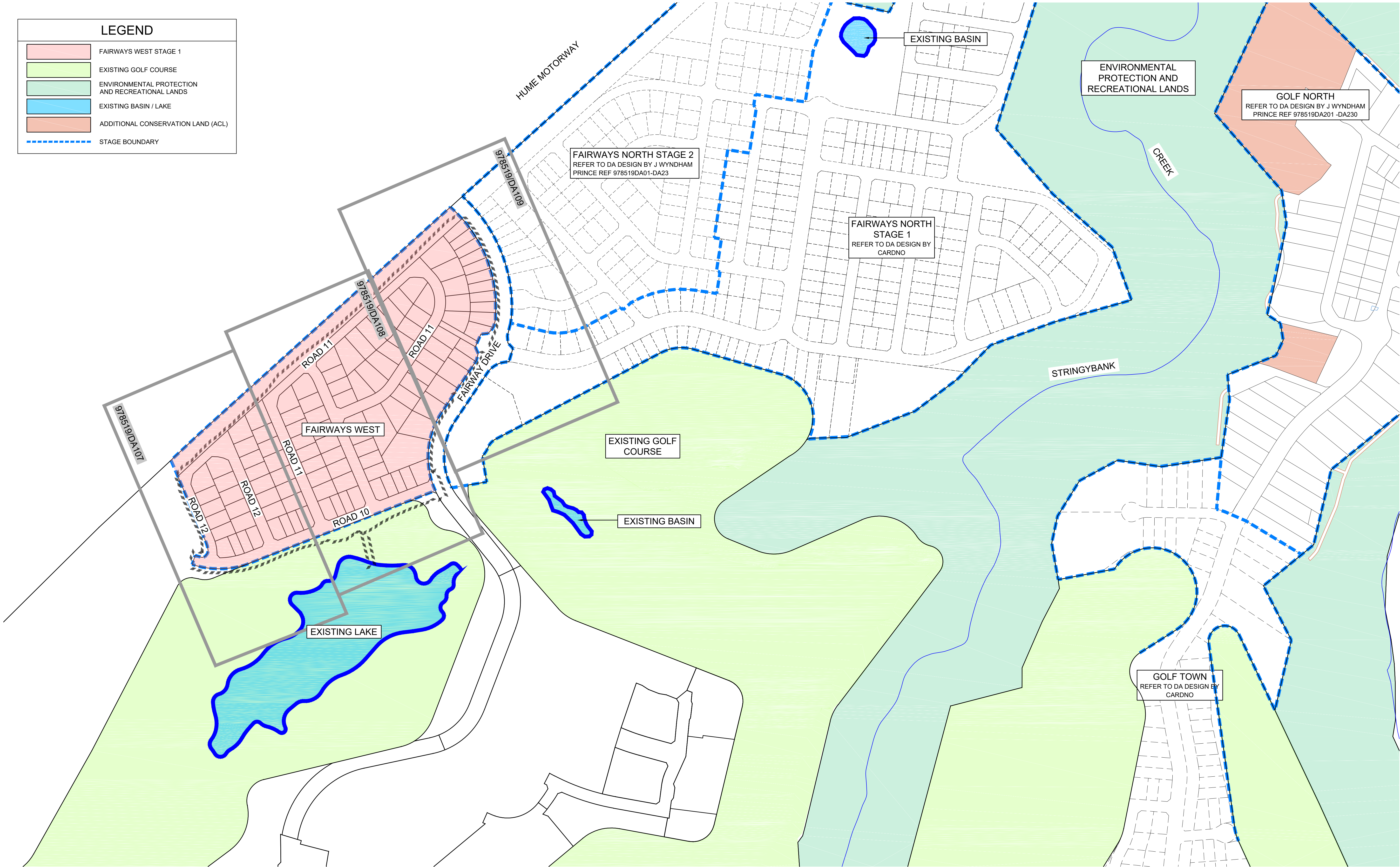
EXISTING GOLF COURSE

ENVIRONMENTAL PROTECTION AND RECREATIONAL LANDS

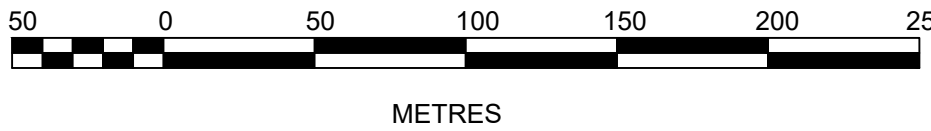
EXISTING BASIN / LAKE

ADDITIONAL CONSERVATION LAND (ACL)

STAGE BOUNDARY



1:2500 (AT A1)
1:5000 (AT A3)



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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
OVERALL SITE PLAN

PLAN No:
978519/DA103

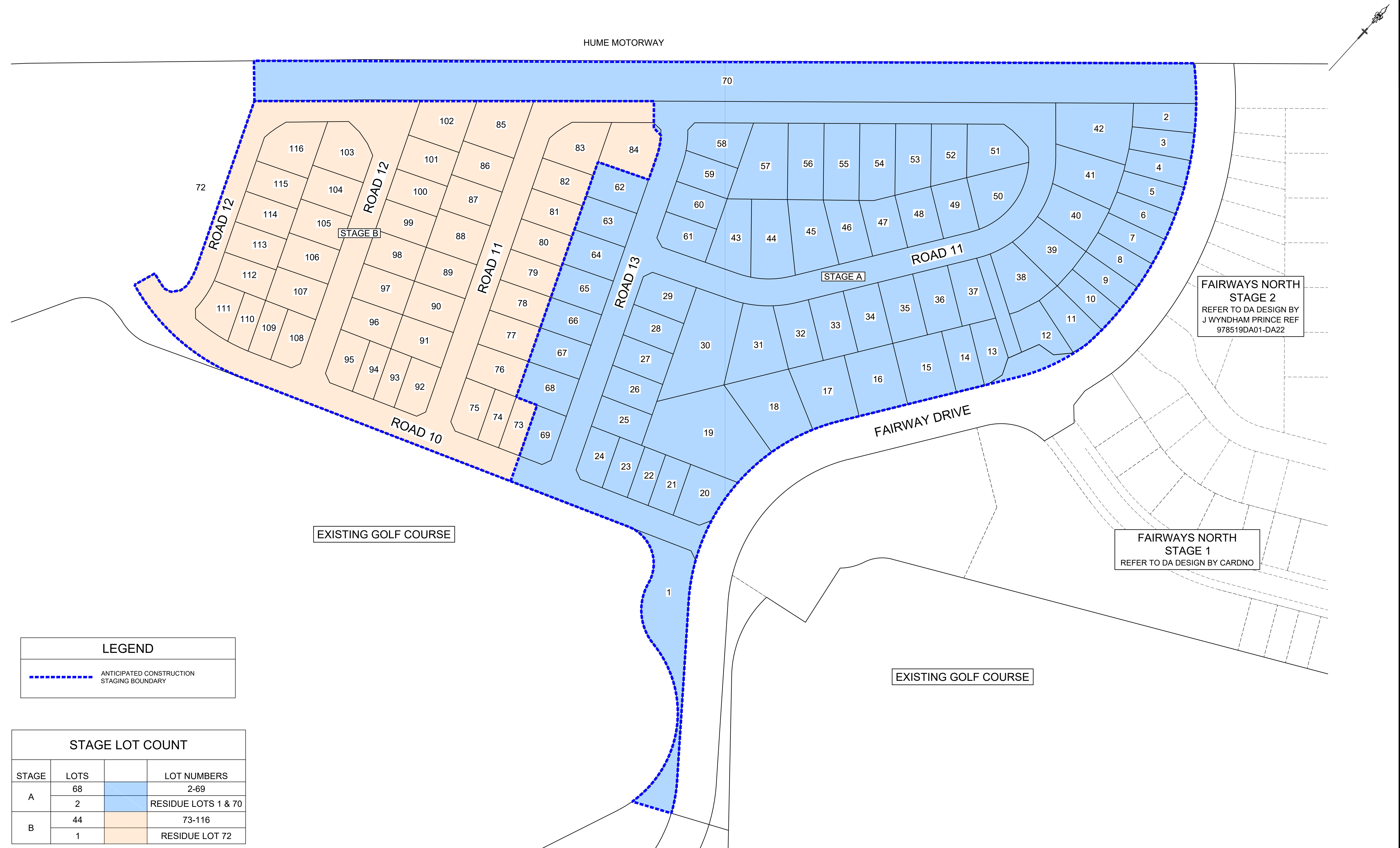
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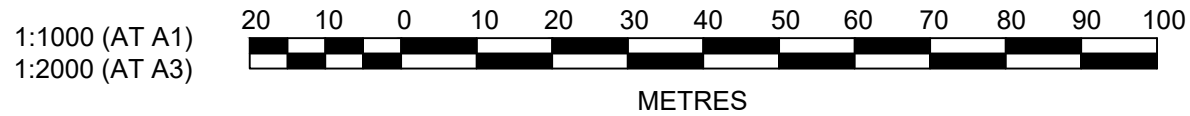
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B	ISSUE FOR DA APPROVAL	KM	CC	MS	RO	08/10/18
A	ISSUE FOR DA APPROVAL	KM	CC	MS	RO	04/10/18
	AMENDMENT	DES	DRN	CKD	APR	DATE

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LEGEND	
	ANTICIPATED CONSTRUCTION STAGING BOUNDARY

STAGE LOT COUNT			
STAGE	LOTS		LOT NUMBERS
A	68		2-69
	2		RESIDUE LOTS 1 & 70
B	44		73-116
	1		RESIDUE LOT 72



B	ISSUE FOR DA APPROVAL	KM	KM	MS	RO	26/10/18			
A	ISSUE FOR DA APPROVAL	KM	CC	MS	RO	04/10/18			
	AMENDMENT	DES	DRN	CKD	APR	DATE			

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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
ANTICIPATED CONSTRUCTION STAGING PLAN

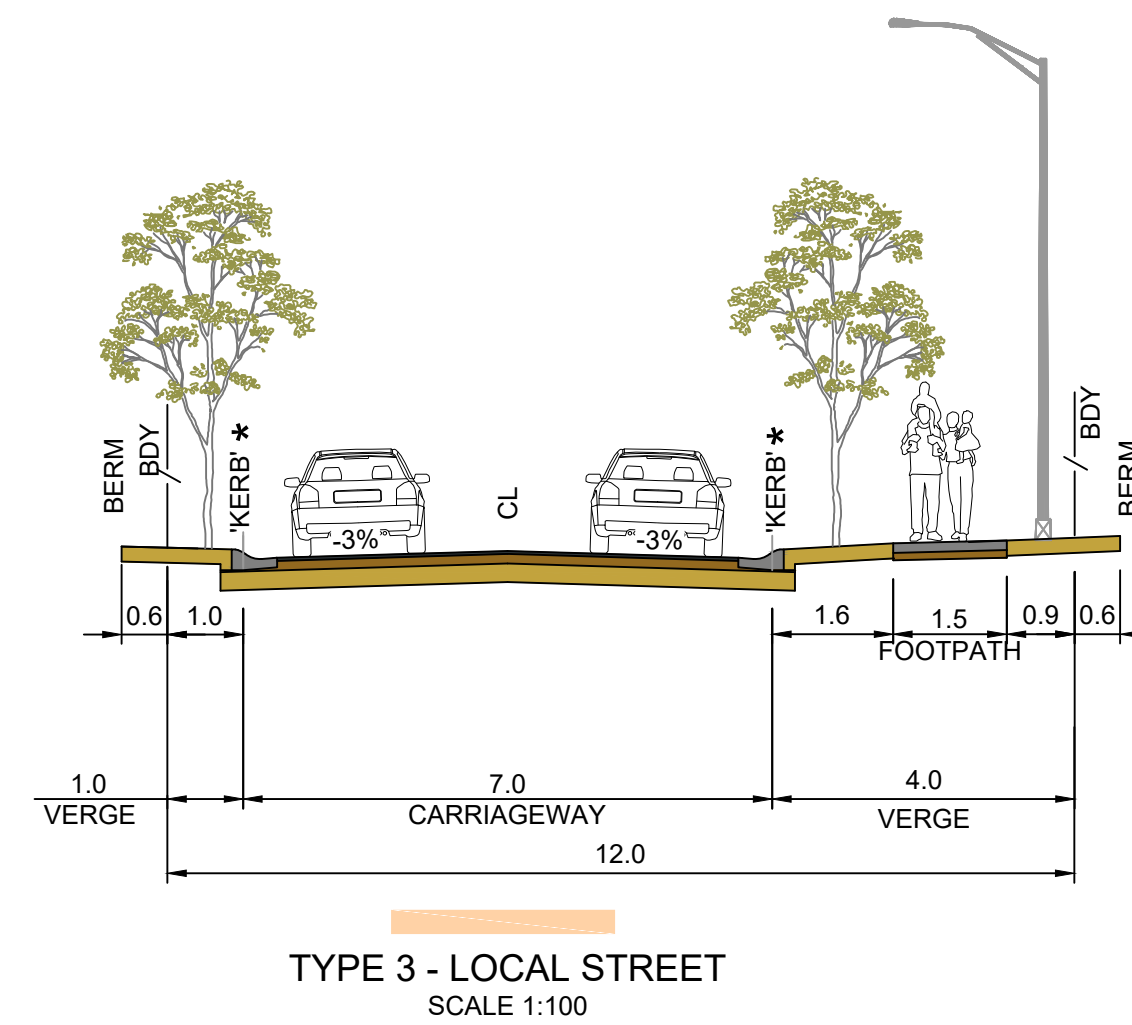
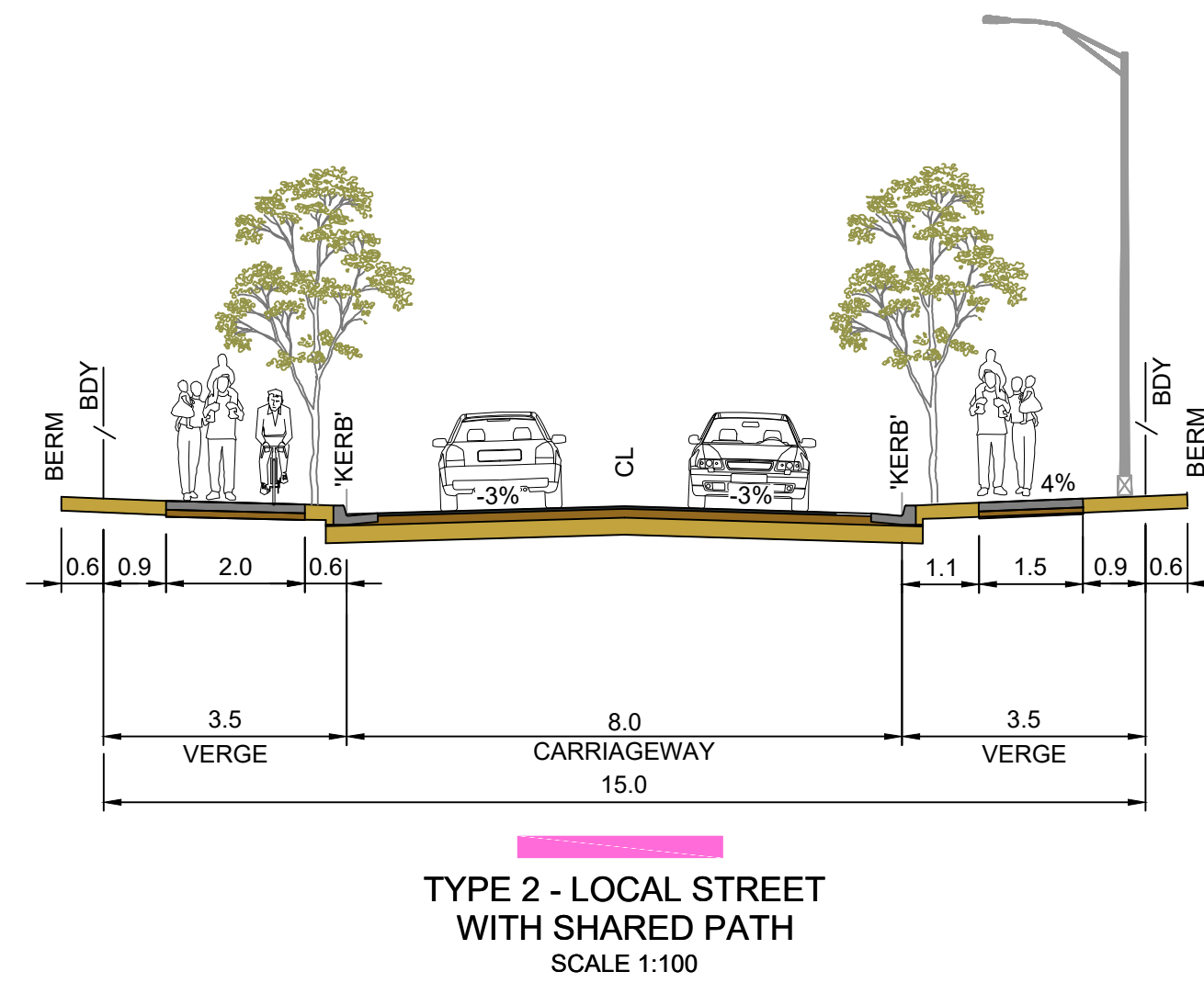
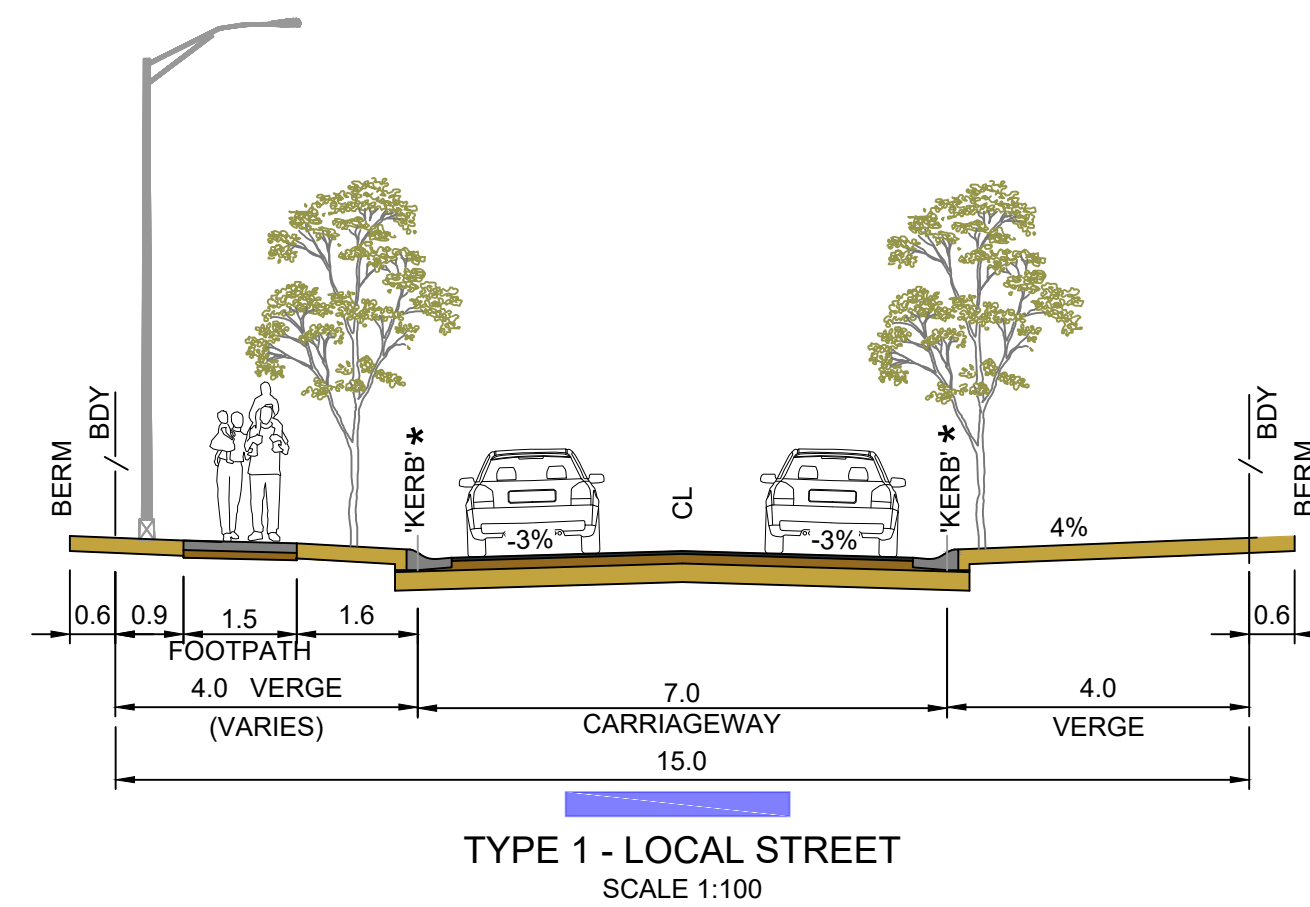
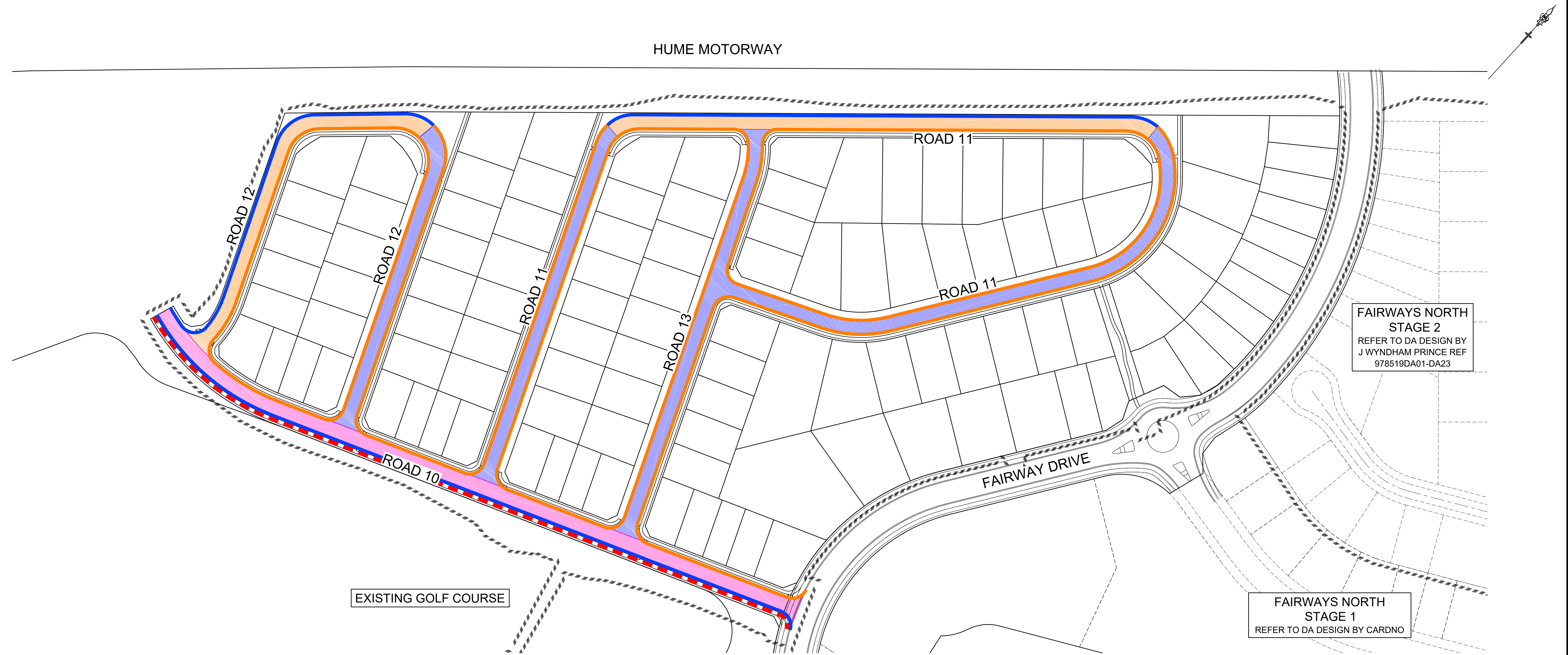
PLAN No:
978519/DA104

B

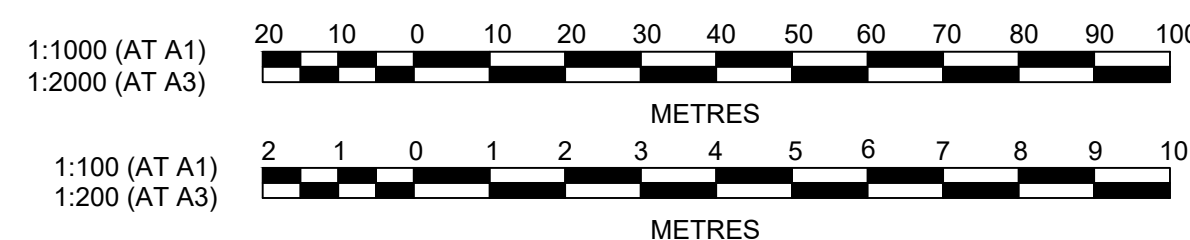
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Plotted: 25 October, 2018 4:45:41 PM File Name: J:\9785 - Bingara Gorge Wilton\9785 19 Fairways Golf Design\CD\DA\FAIRWAYS WEST DOCUMENTATION\978519DA105.dwg



LEGEND	
	ROAD TYPE 1
	ROAD TYPE 2
	ROAD TYPE 4
	PROPOSED SHARED PATH
	PROPOSED KERB AND GUTTER
	PROPOSED ROLL KERB



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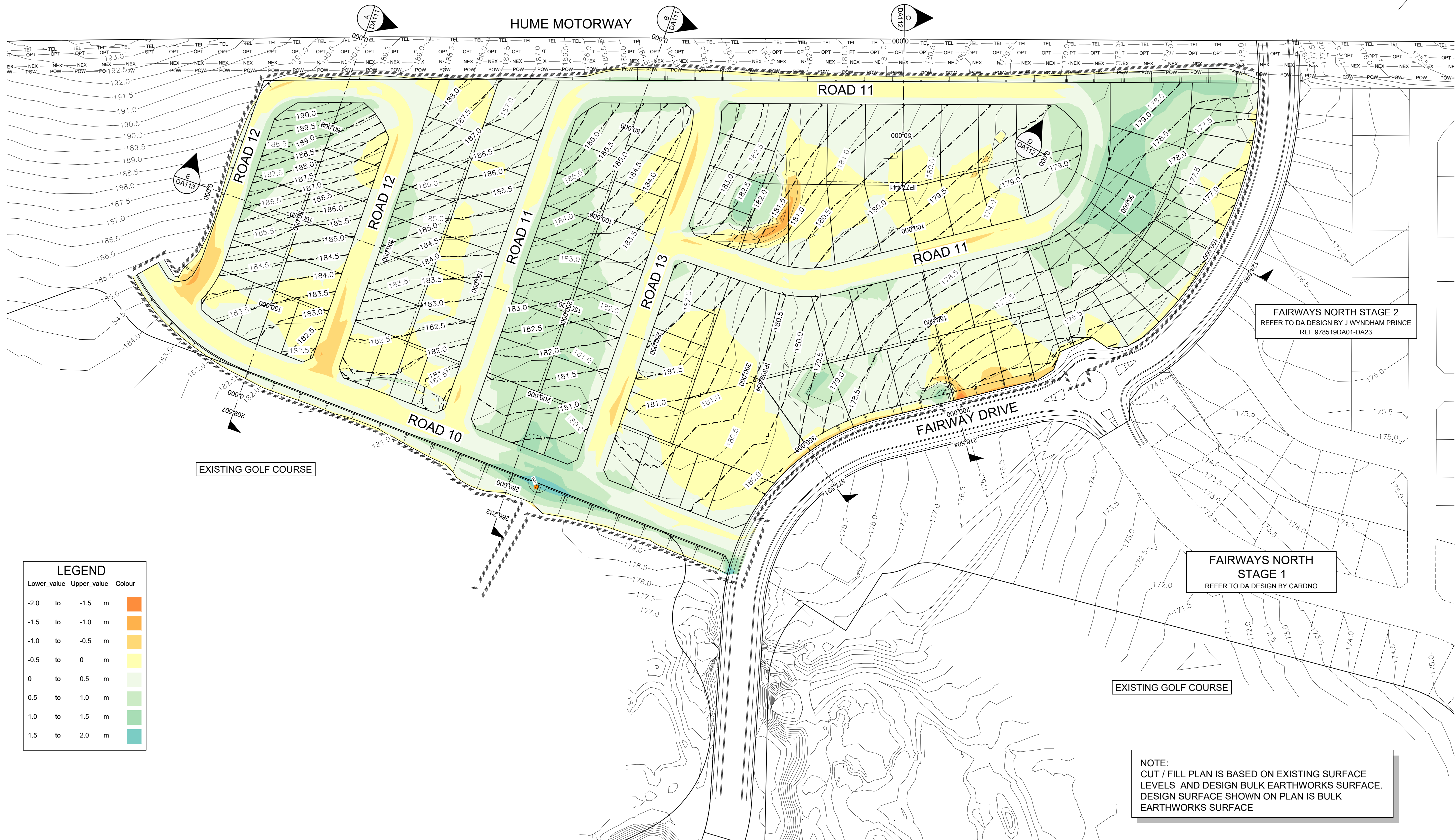
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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
ROAD HIERARCHY PLAN AND
TYPICAL SECTIONS

PLAN No: 978519/DA105 **B**
FILE No: 978519DA105
SHEET SIZE: A1 ORIGINAL

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A					04/10/18

Plotted: 25 October, 2018 4:46:41 PM File Name: J:\9785 - Bingara Gorge Wilton\9785 19 Fairways Golf Design\CDD\DA\FAIRWAYS WEST DOCUMENTATION\978519DA106.dwg



1:1000 (AT A1)
1:2000 (AT A3)

20 10 0 10 20 30 40 50 60 70 80 90 100

METRES

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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
CUT AND FILL PLAN

PLAN No:
978519/DA106

B

FILE No: 978519DA106

SHEET SIZE: A1 ORIGINAL

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A	ISSUE FOR DA APPROVAL	KM	CC	MS	RO	04/10/18
	AMENDMENT	DES	DRN	CKD	APR	DATE

REFER TO DRAWING DA108 FOR CONTINUATION

HUME MOTORWAY

ROAD 11

ROAD 12

ROAD 10

EXISTING LAKE
TWL 177.00

EXISTING GOLF COURSE

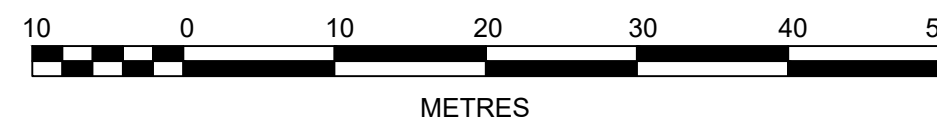
NOTE:
TREES TO BE REMOVED NOT SHOWN ON ENGINEERING PLANS FOR CLARITY. REFER TO TREE REMOVAL PLAN 978519/DA110 FOR DETAILS

- EXISTING UTILITIES**
- EXISTING UTILITIES SHOWN ON THESE PLANS ARE LOCATED USING SERVICE MARKERS AND SURVEYED BY WALLIS & MOORE PTY LTD.
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 - REFER TO WALLIS & MOORE PTY LTD PLANS 2310/P22 FOR DETAILS.
 - NO WORK IS TO BE UNDERTAKEN WITHIN THE UTILITY EASEMENT AT LOT 279 WITHOUT CONFIRMATION AND APPROVALS FROM UTILITY AUTHORITIES.

FUTURE DEVELOPMENT

PROVIDE STUB FOR FUTURE CONNECTION INTO STORMWATER

1:500 (AT A1)
1:1000 (AT A3)



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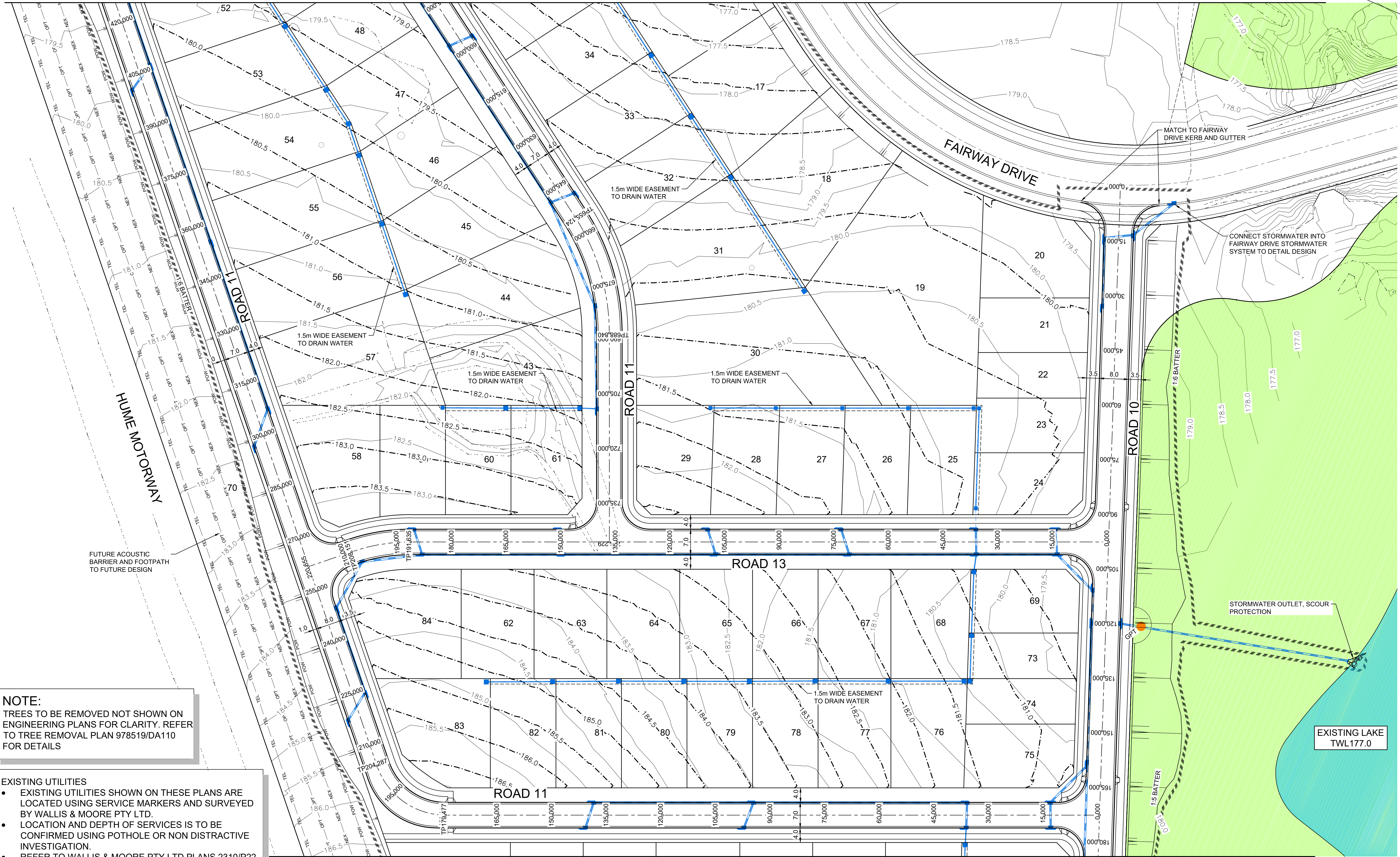
BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
ENGINEERING PLAN
SHEET 1

PLAN No:
978519/DA107 **B**

FILE No: 978519DA107

SHEET SIZE: A1 ORIGINAL

REFER TO DRAWING DA109 FOR CONTINUATION



NOTE:
TREES TO BE REMOVED NOT SHOWN ON
ENGINEERING PLANS FOR CLARITY. REFER TO
TREE REMOVAL PLAN 978519/DA110
FOR DETAILS

- EXISTING UTILITIES**
- EXISTING UTILITIES SHOWN ON THESE PLANS ARE LOCATED USING SERVICE MARKERS AND SURVEYED BY WALLIS & MOORE PTY LTD.
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REFER TO DRAWING DA107 FOR CONTINUATION



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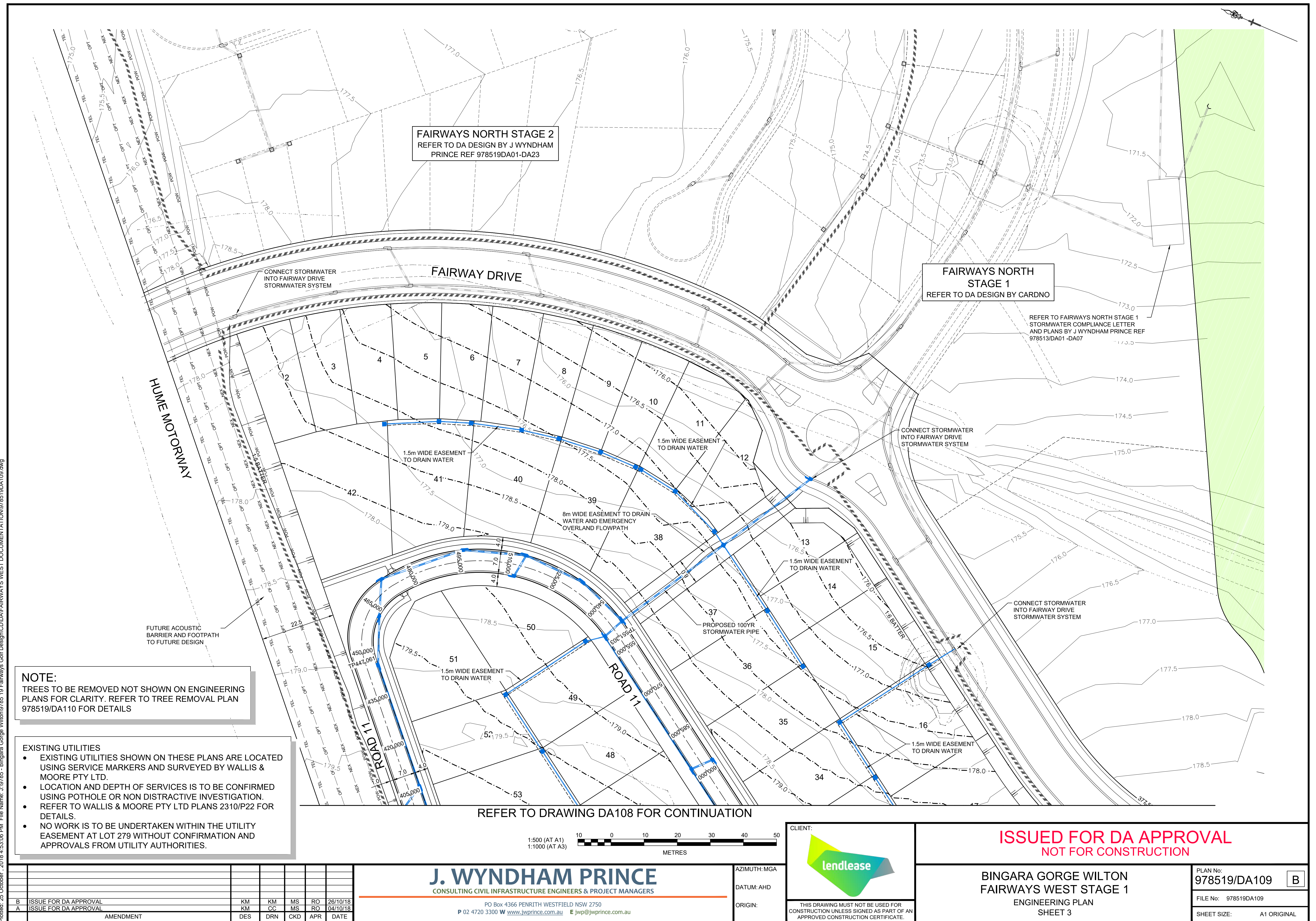


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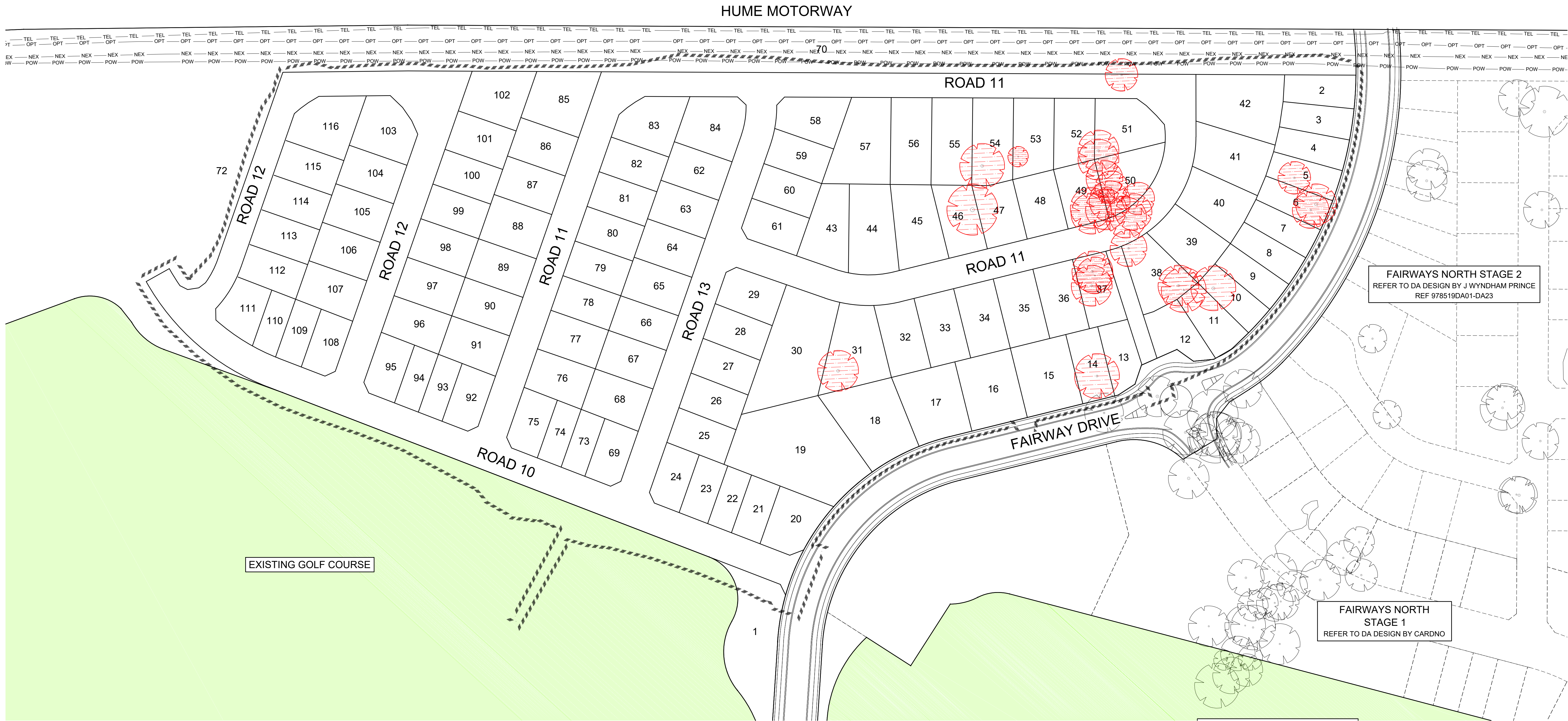
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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
ENGINEERING PLAN
SHEET 2

PLAN No:
978519/DA108 **B**
FILE No: 978519DA108
SHEET SIZE: A1 ORIGINAL



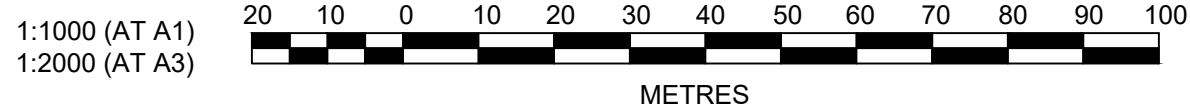
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LEGEND

TREES TO BE REMOVED

TREES TO BE RETAINED OR SUBJECT TO SEPARATE APPROVAL



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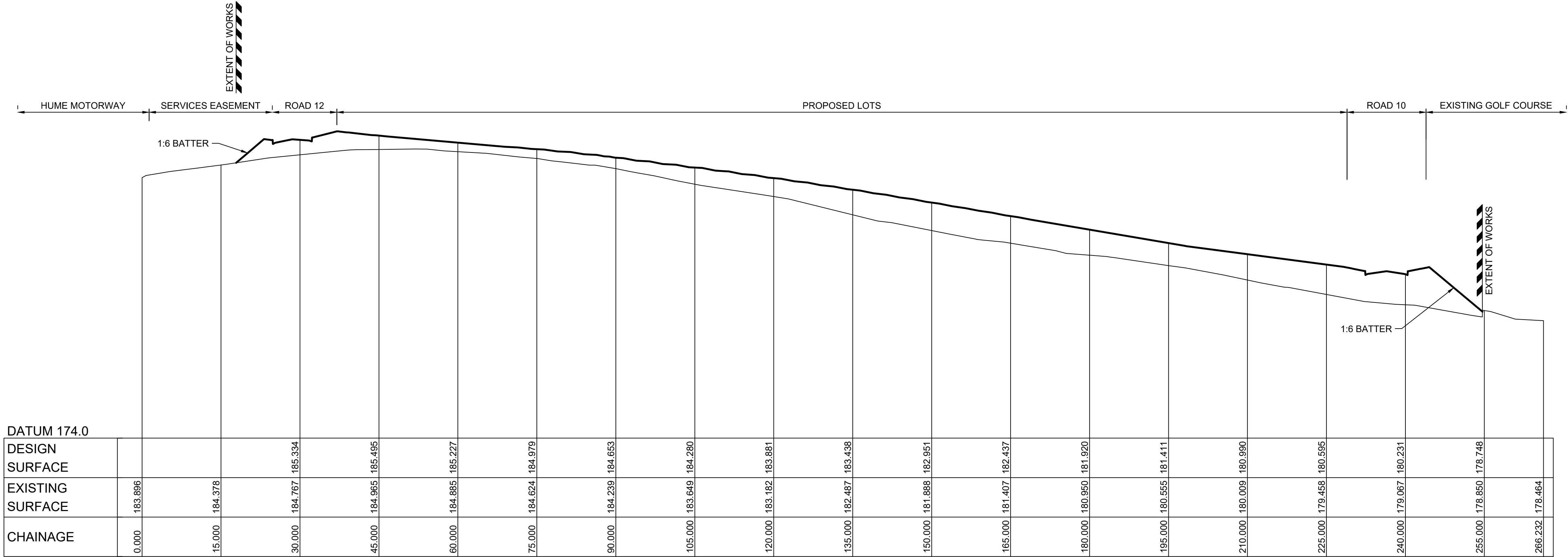
BINGARA GORGE WILTON

FAIRWAYS WEST STAGE 1

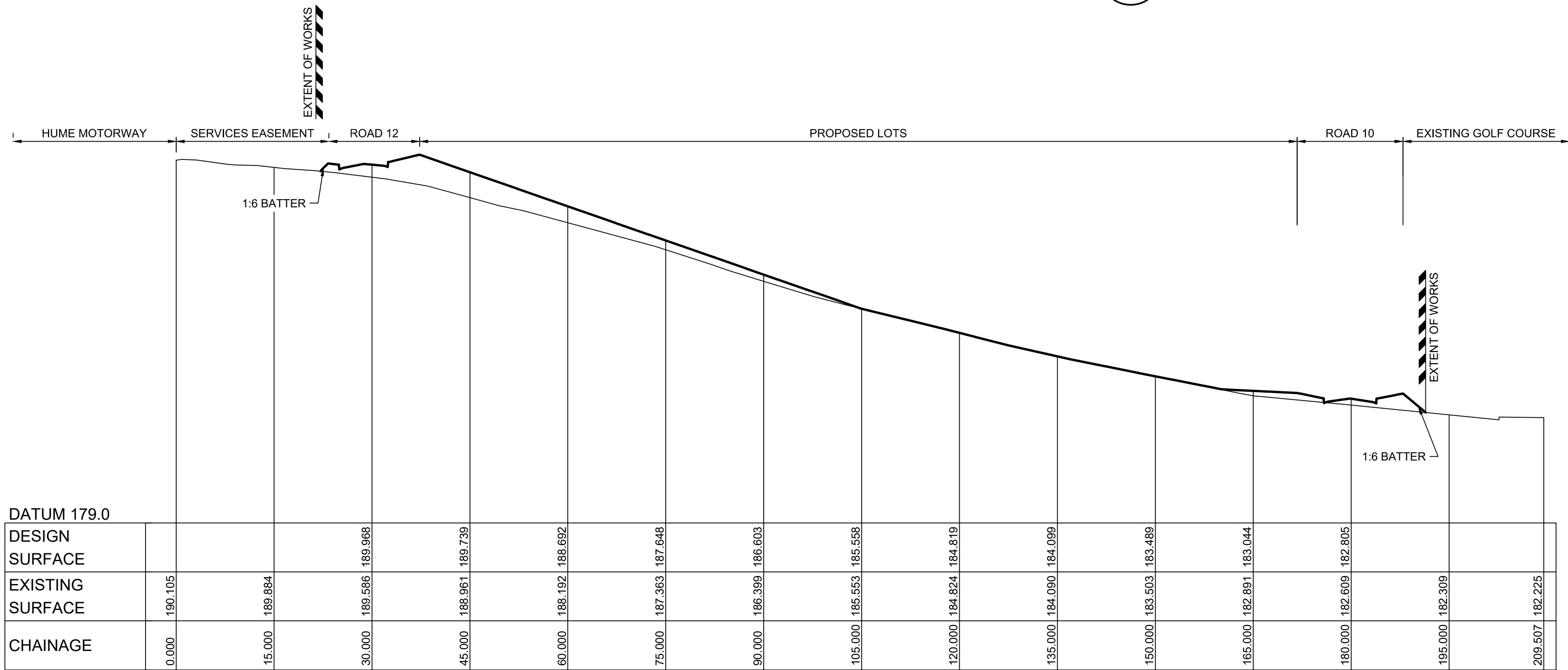
TREE REMOVAL PLAN

PLAN No:	978519/DA110	B
FILE No:	978519DA110	
SHEET SIZE:	A1 ORIGINAL	

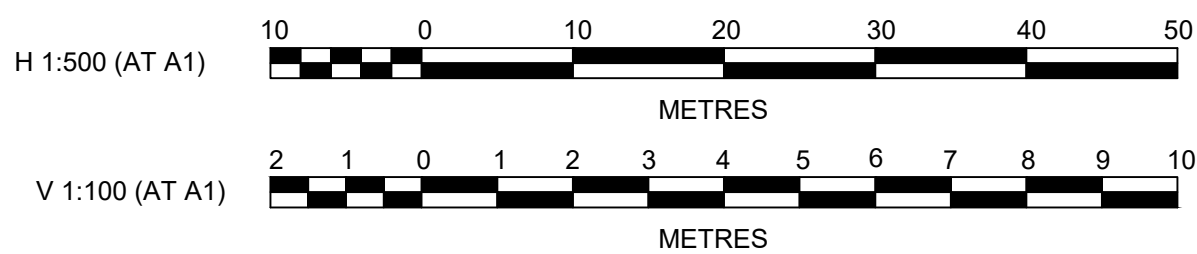
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A	ISSUE FOR DA APPROVAL	KM	CC	MS	RO	04/10/18
	AMENDMENT	DES	DRN	CKD	APR	DATE



SITE SECTION B
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



SITE SECTION A
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1

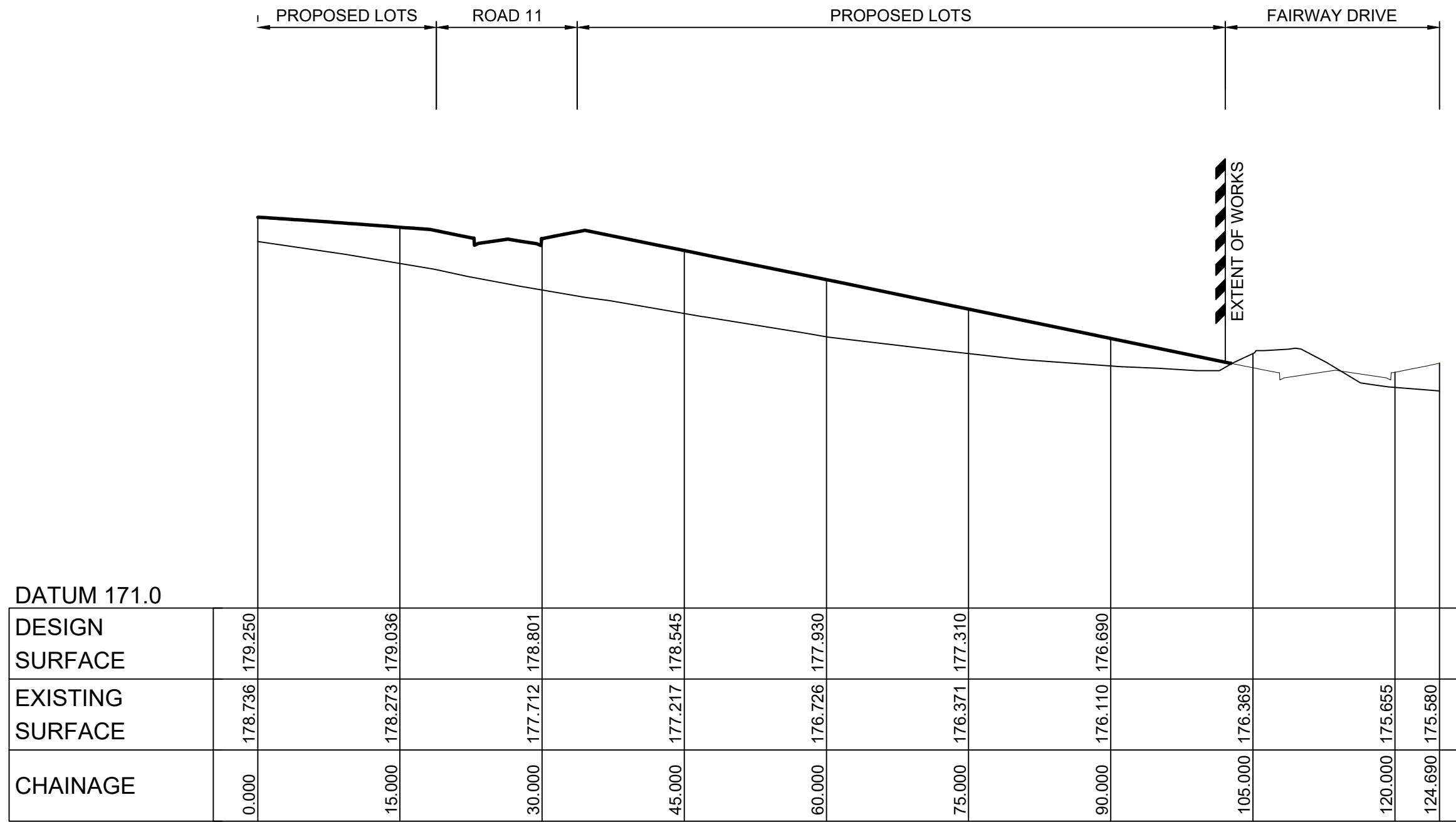
SITE SECTIONS
SHEET 1

PLAN No:
978519/DA111

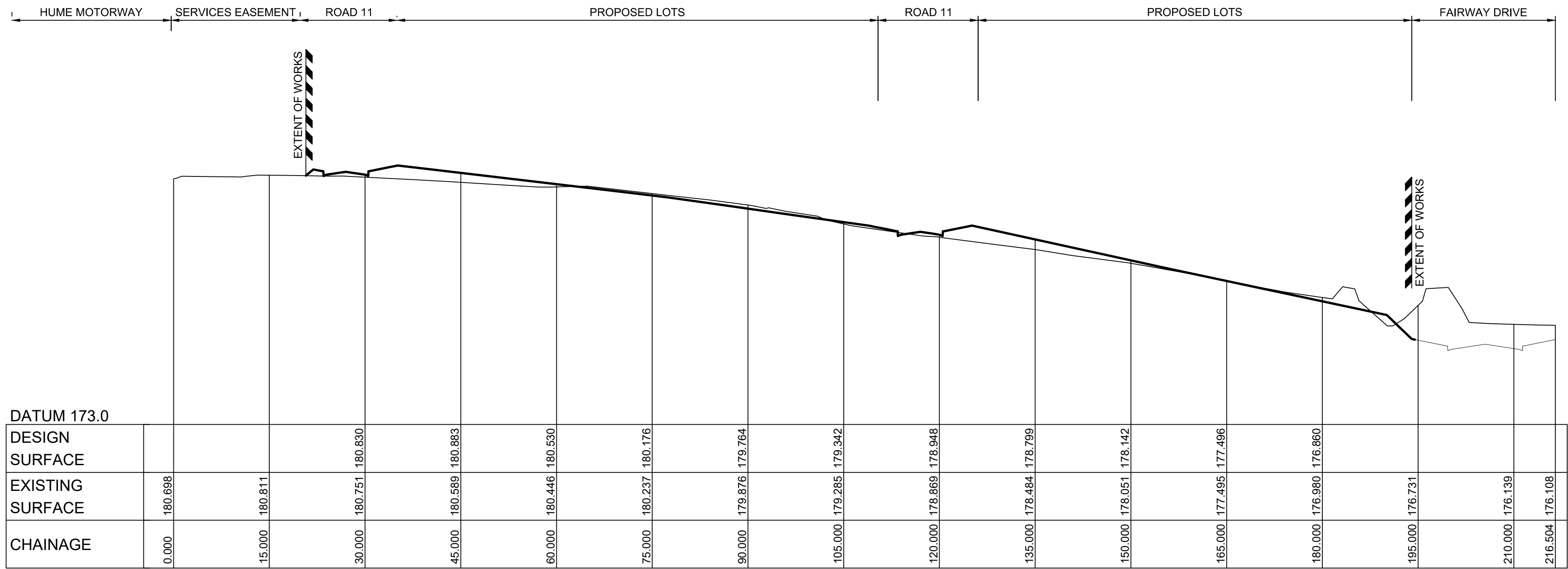
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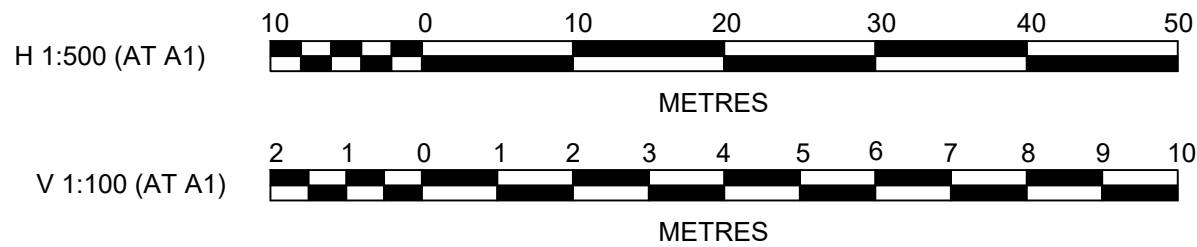
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SITE SECTION D
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



SITE SECTION C
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1

SITE SECTIONS
SHEET 2

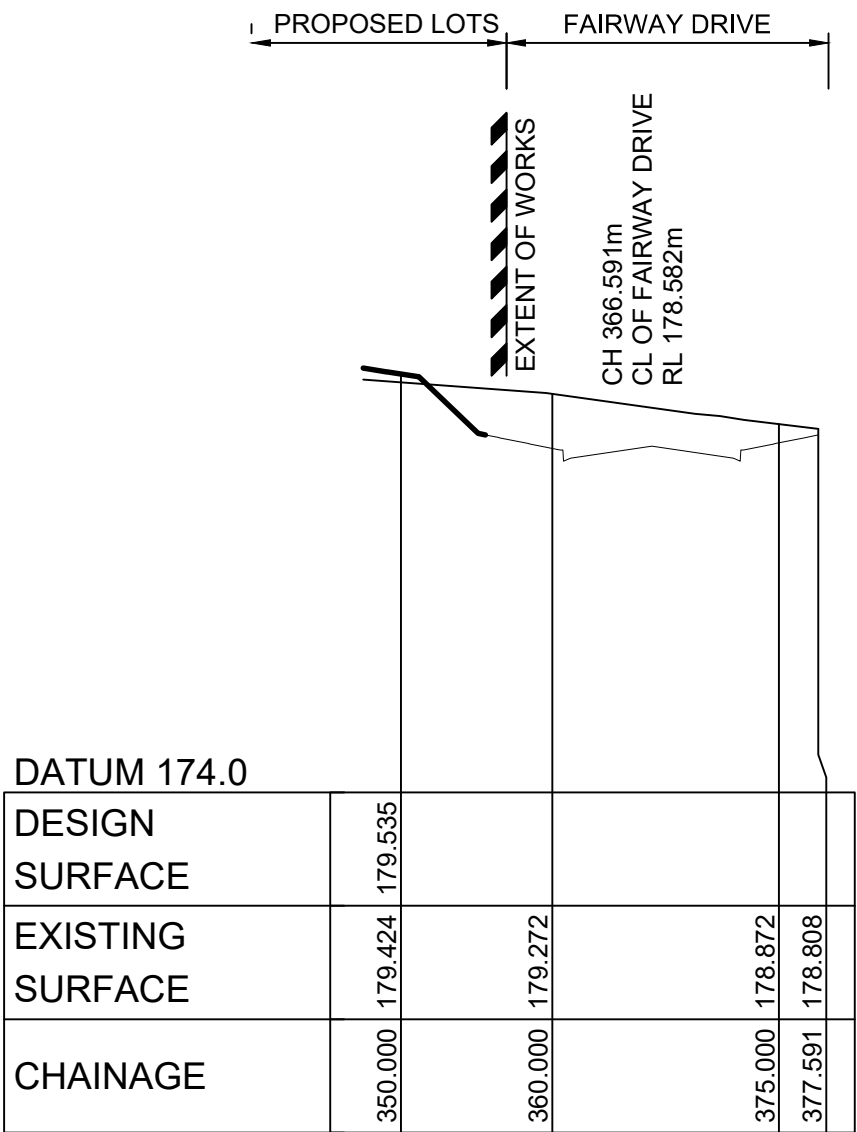
PLAN No:
978519/DA112

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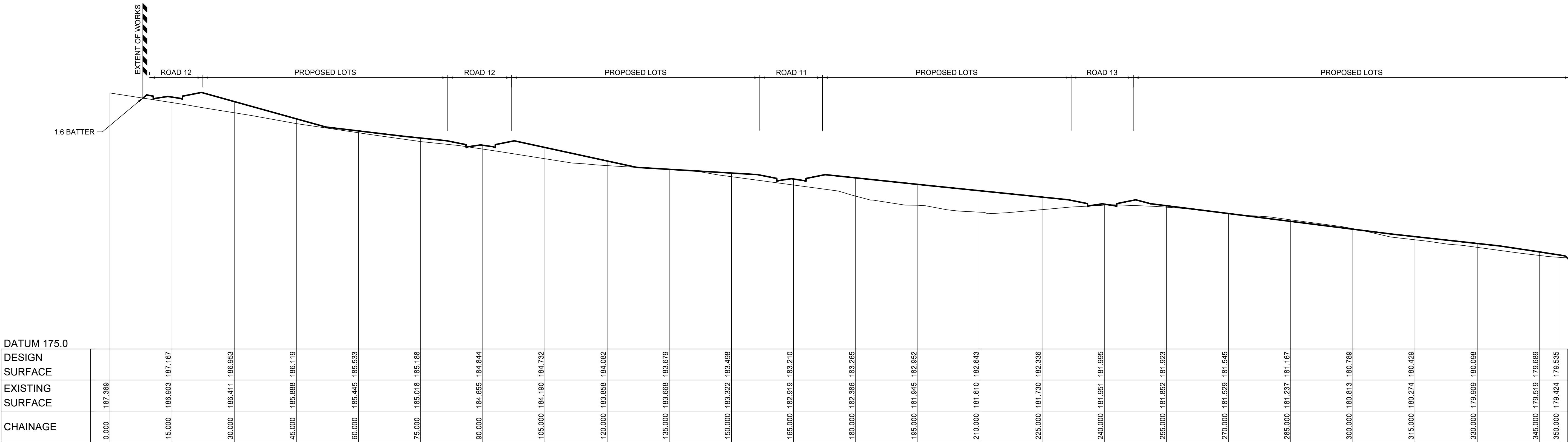
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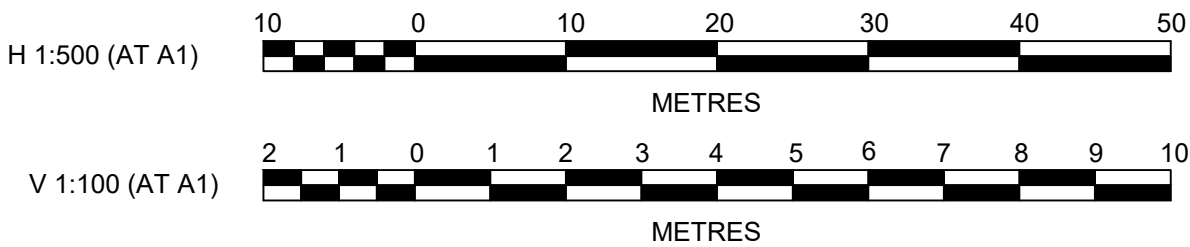
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SITE SECTION E
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



SITE SECTION E
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



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AZIMUTH: MGA

DATUM: AHD

ORIGIN:



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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
SITE SECTIONS
SHEET 3

PLAN No:
978519/DA113

B

FILE No: 978519DA113

SHEET SIZE: A1 ORIGINAL

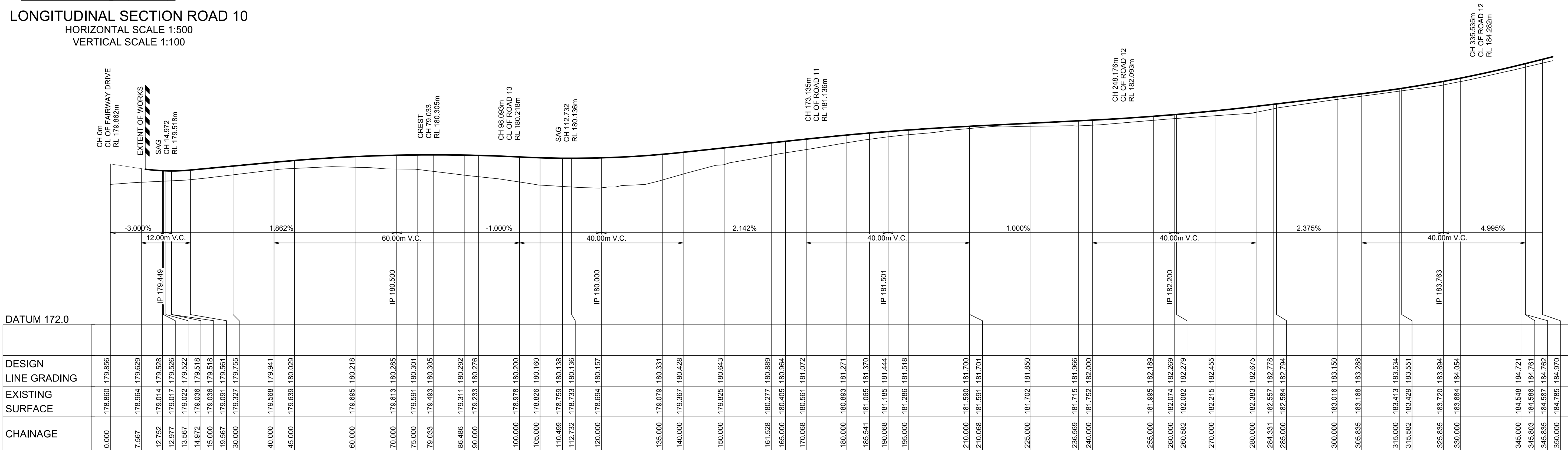
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A	ISSUE FOR DA APPROVAL	KM	CC	MS	RO	04/10/18
	AMENDMENT	DES	DRN	CKD	APR	DATE

Plotted: 25 October, 2018 4:56:55 PM File Name: J:\9785 - Bingara Gorge Wilton\9785 19 Fairways Golf Design\CDD\DA\FAIRWAYS WEST DOCUMENTATION\978519DA114.dwg

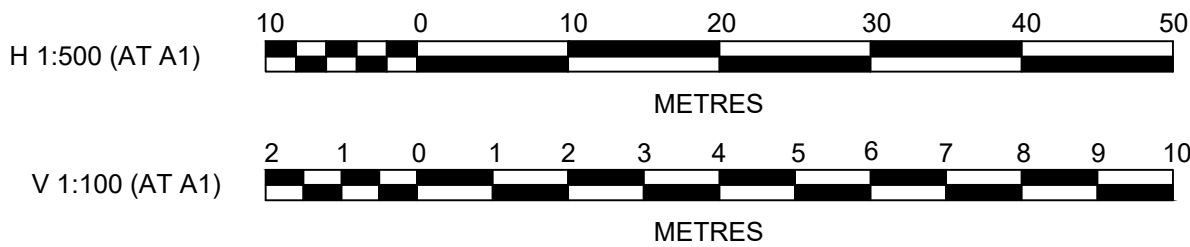
DATUM 178.0

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EXISTING SURFACE	184.785	185.295
CHAINAGE	350.000	359.508

LONGITUDINAL SECTION ROAD 10
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD 10
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
ROAD LONGITUDINAL SECTIONS
SHEET 1

PLAN No: **978519/DA114**

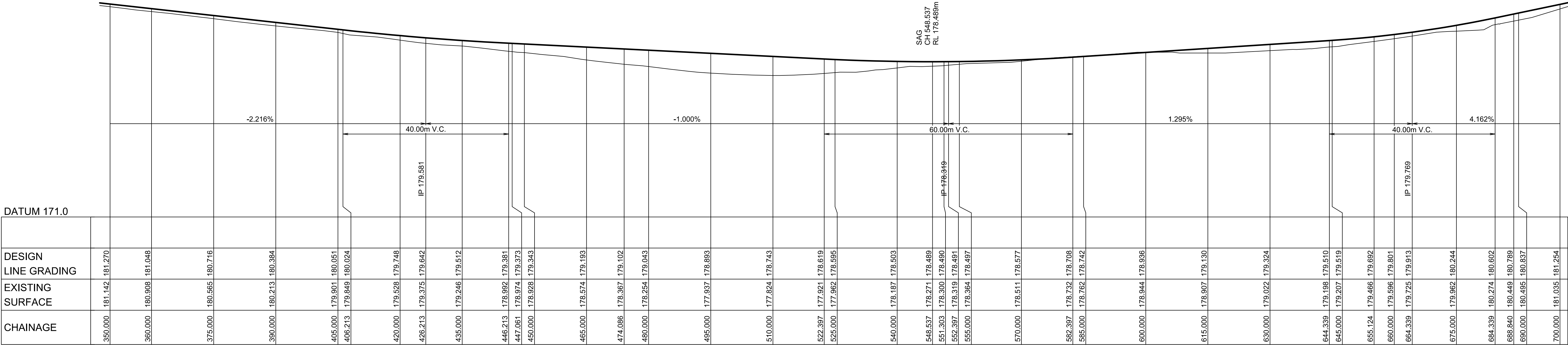
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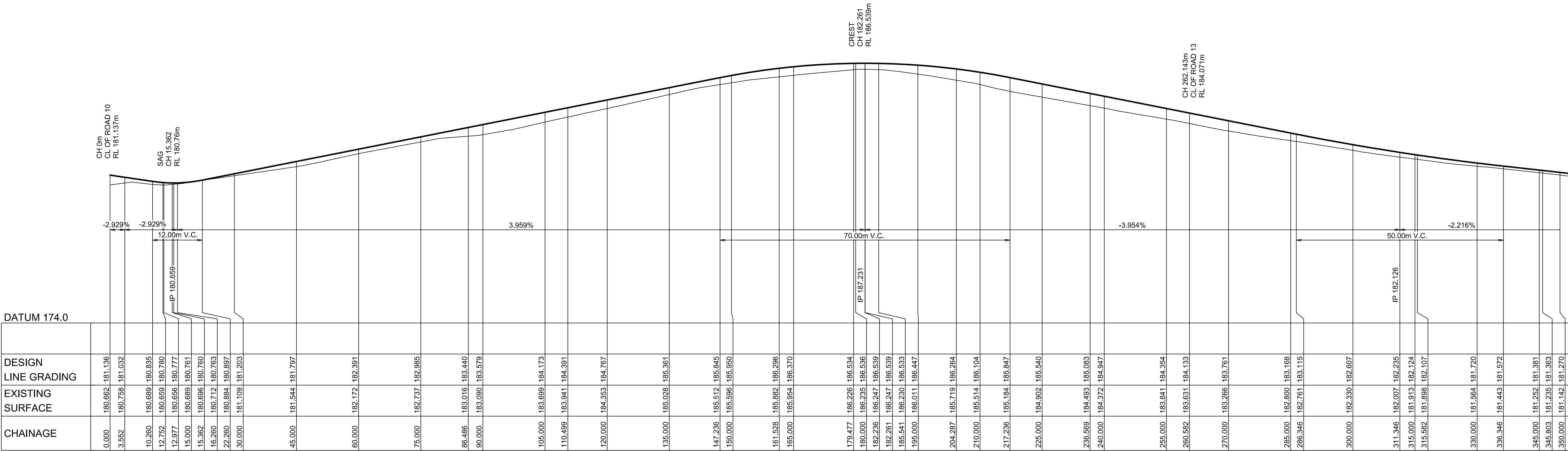
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	AMENDMENT	DES	DRN	CKD	APR
					DATE

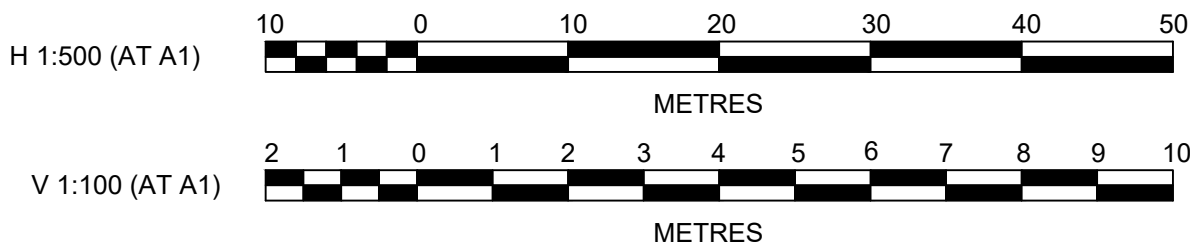
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LONGITUDINAL SECTION ROAD 11
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD 11
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
ROAD LONGITUDINAL SECTIONS
SHEET 2

PLAN No:
978519/DA115

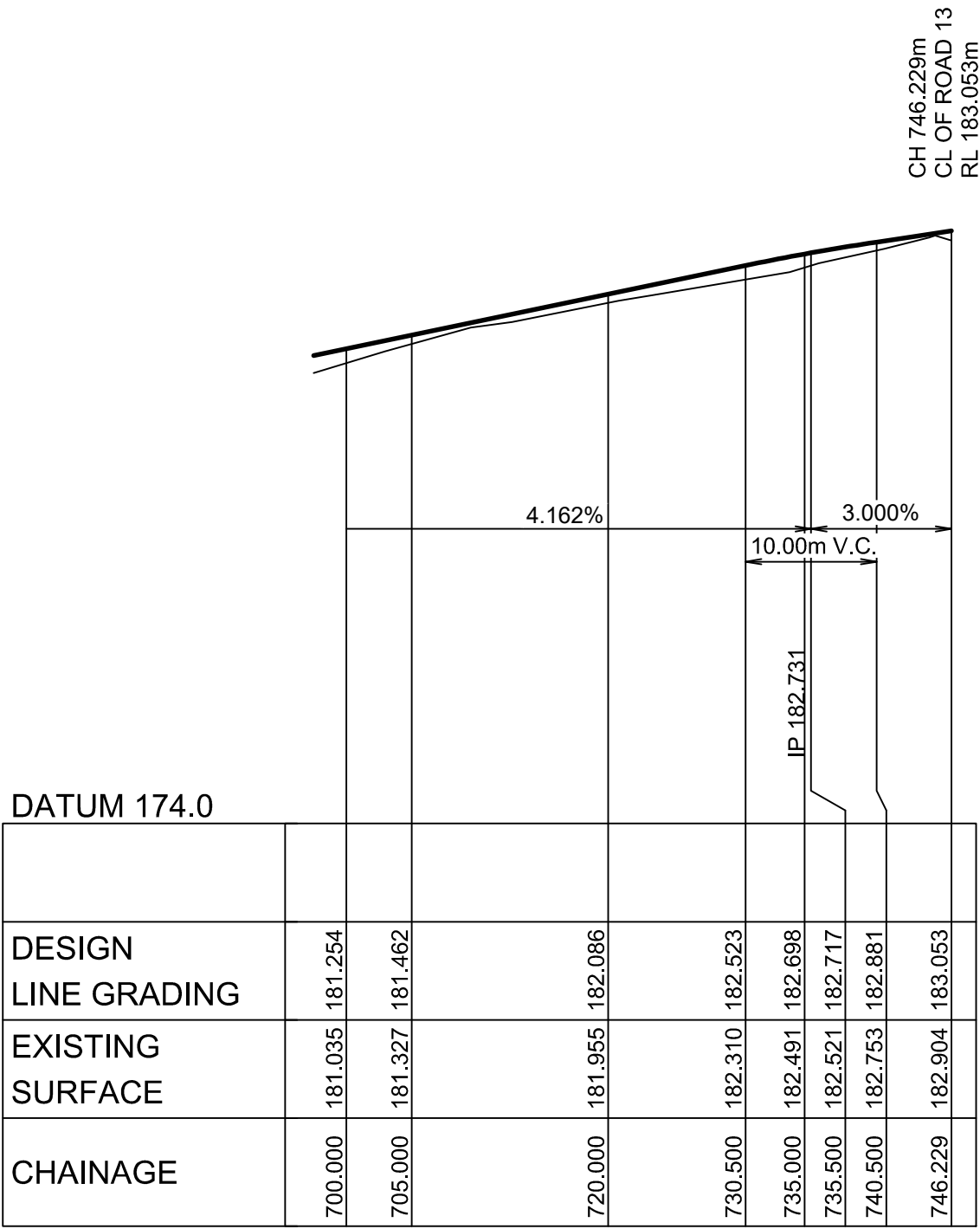
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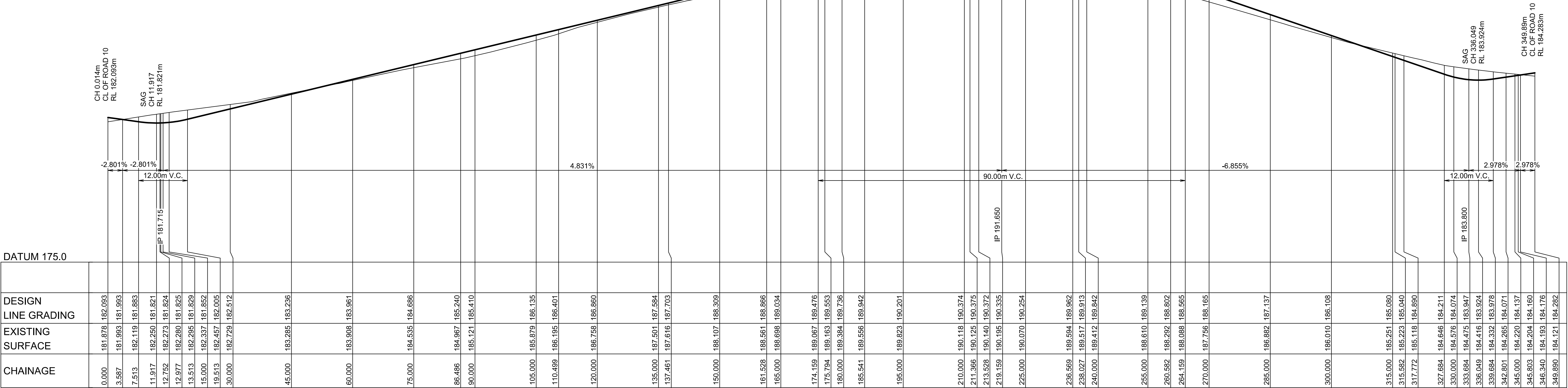
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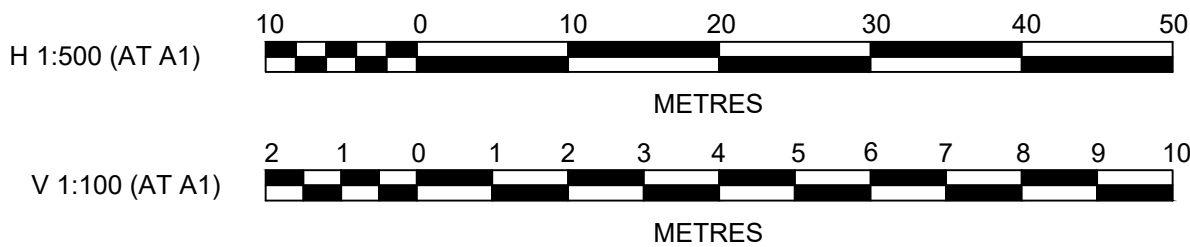
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LONGITUDINAL SECTION ROAD 11
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



LONGITUDINAL SECTION ROAD 12
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
ROAD LONGITUDINAL SECTIONS
SHEET 3

PLAN No:
978519/DA116

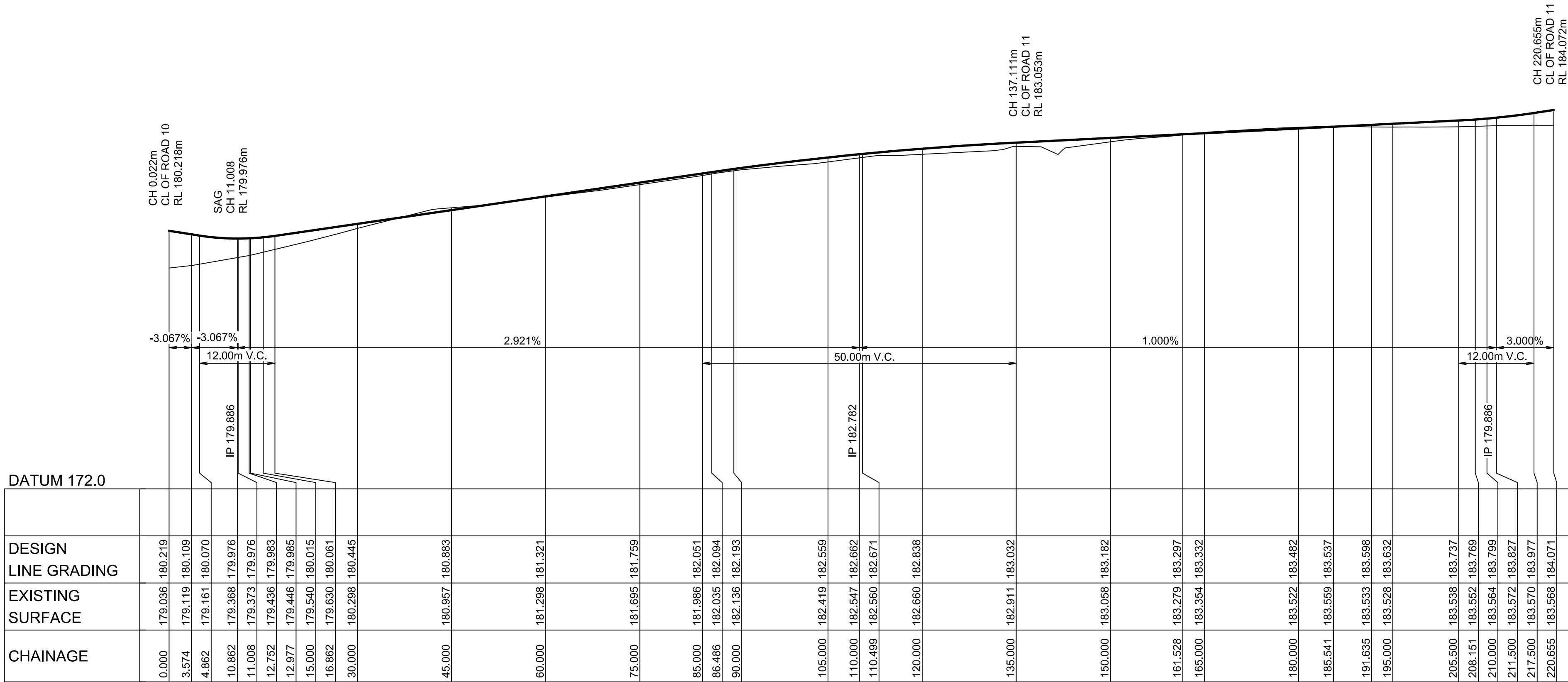
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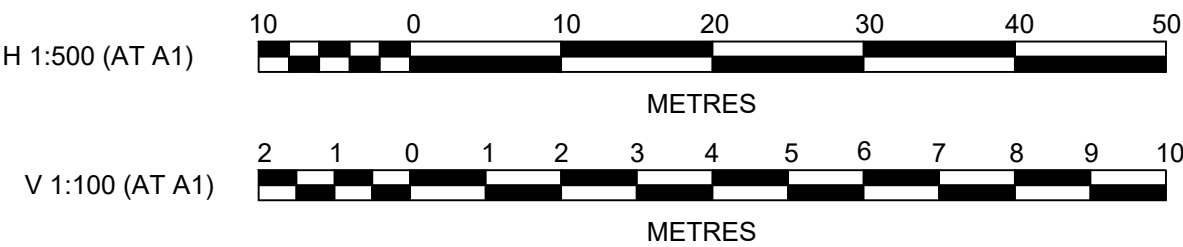
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Plotted: 25 October, 2018 4:58:45 PM File Name: J:\9785 - Bingara Gorge Wilton\9785 19 Fairways Golf Design\CDD\DA\FAIRWAYS WEST DOCUMENTATION\978519DA117.dwg



LONGITUDINAL SECTION ROAD 13
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1
ROAD LONGITUDINAL SECTIONS
SHEET 4

PLAN No:
978519/DA117

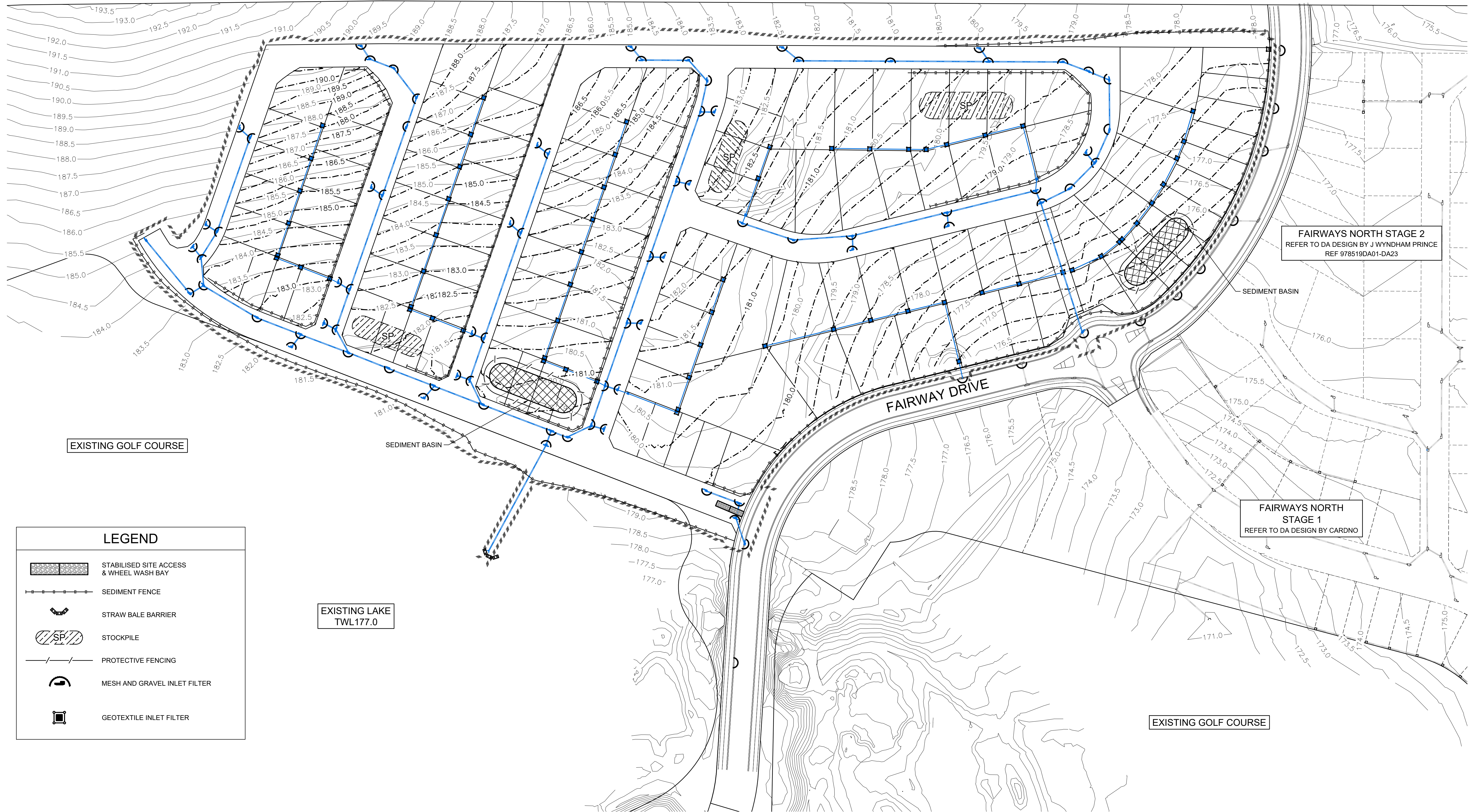
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	AMENDMENT	DES	DRN	CKD	APR
					DATE

HUME MOTORWAY



FAIRWAYS NORTH STAGE 2
REFER TO DA DESIGN BY J WYNNDHAM PRINCE
REF 978519DA01-DA23

FAIRWAYS NORTH
STAGE 1
REFER TO DA DESIGN BY CARDNO

EXISTING GOLF COURSE

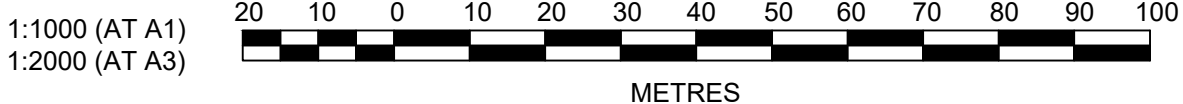
SEDIMENT BASIN

EXISTING LAKE
TWL177.0

EXISTING GOLF COURSE

LEGEND

- STABILISED SITE ACCESS & WHEEL WASH BAY
- SEDIMENT FENCE
- STRAW BALE BARRIER
- STOCKPILE
- PROTECTIVE FENCING
- MESH AND GRAVEL INLET FILTER
- GEOTEXTILE INLET FILTER



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AZIMUTH: MGA
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ORIGIN:



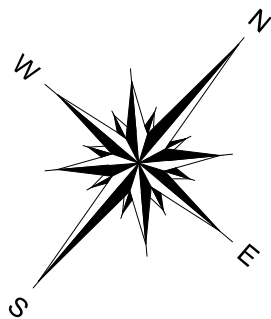
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BINGARA GORGE WILTON
FAIRWAYS WEST STAGE 1

SOIL AND WATER MANAGEMENT PLAN

PLAN No:
978519/DA119 B
FILE No: 978519DA119
SHEET SIZE: A1 ORIGINAL



5

D.P. 702024

SHEET 2

SHEET 3

SHEET 4

SHEET 5

SHEET 6

SHEET 7

HUME

HIGHWAY

LAKE

101
PART LOT 11
D.P. 702024

SHEET 1 OF 7

PRINCIPAL



PLAN SHOWING
APPROXIMATE LOCATION OF
POWERTEL, NGEN, OPTUS & TELSTRA CABLES
WITHIN PART LOT 101 IN D.P.1045369
WILTON PARK



WALLIS & MOORE PTY. LTD.

A.C.N. 000 971 719

SURVEYORS, ENGINEERS AND PLANNERS

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P Phone 02 9542 1177 Fa 02 9542 4631

Email : wallis2@wallisandmoore.com.au

SCALE:1:6000

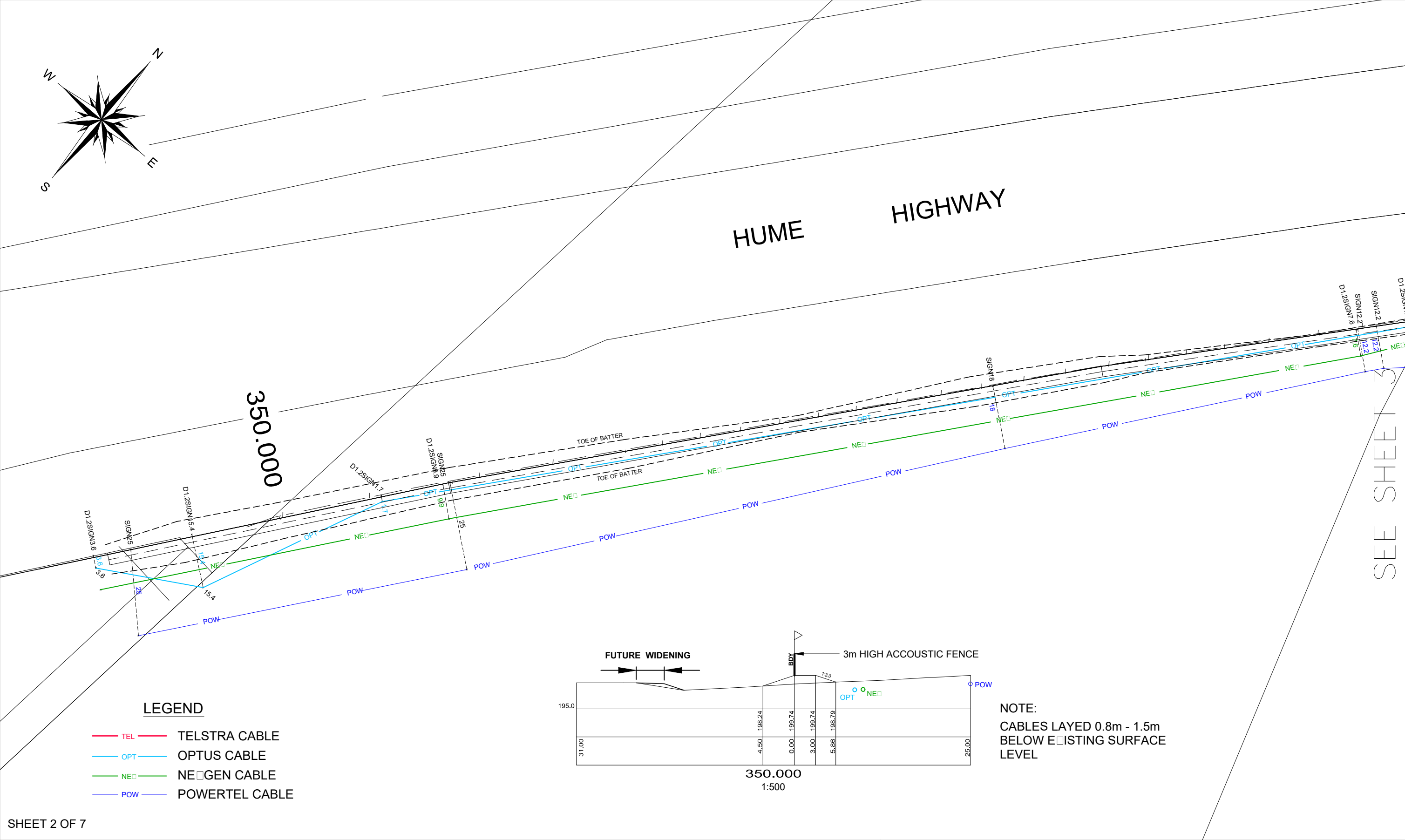
DATE
6.03.06

PROJECT No. 23310

DRAWING No. ISSUE

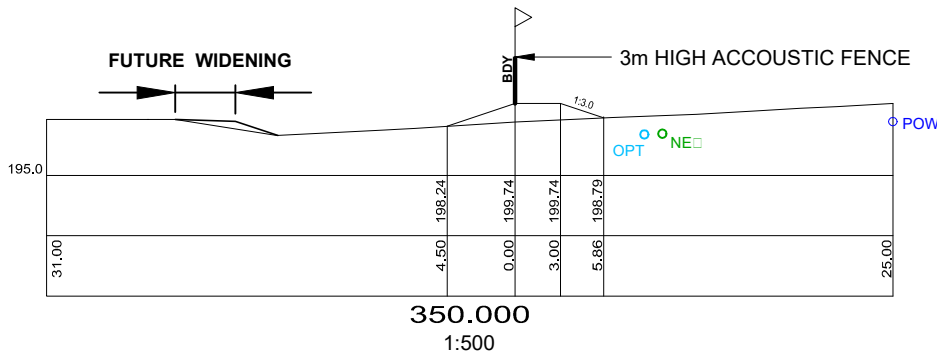
P22

1



LEGEND

- TEL TELSTRA CABLE
- OPT OPTUS CABLE
- NE NEGEN CABLE
- POW POWERTEL CABLE



NOTE:
CABLES LAYED 0.8m - 1.5m
BELOW EXISTING SURFACE
LEVEL

SHEET 2 OF 7

PRINCIPAL

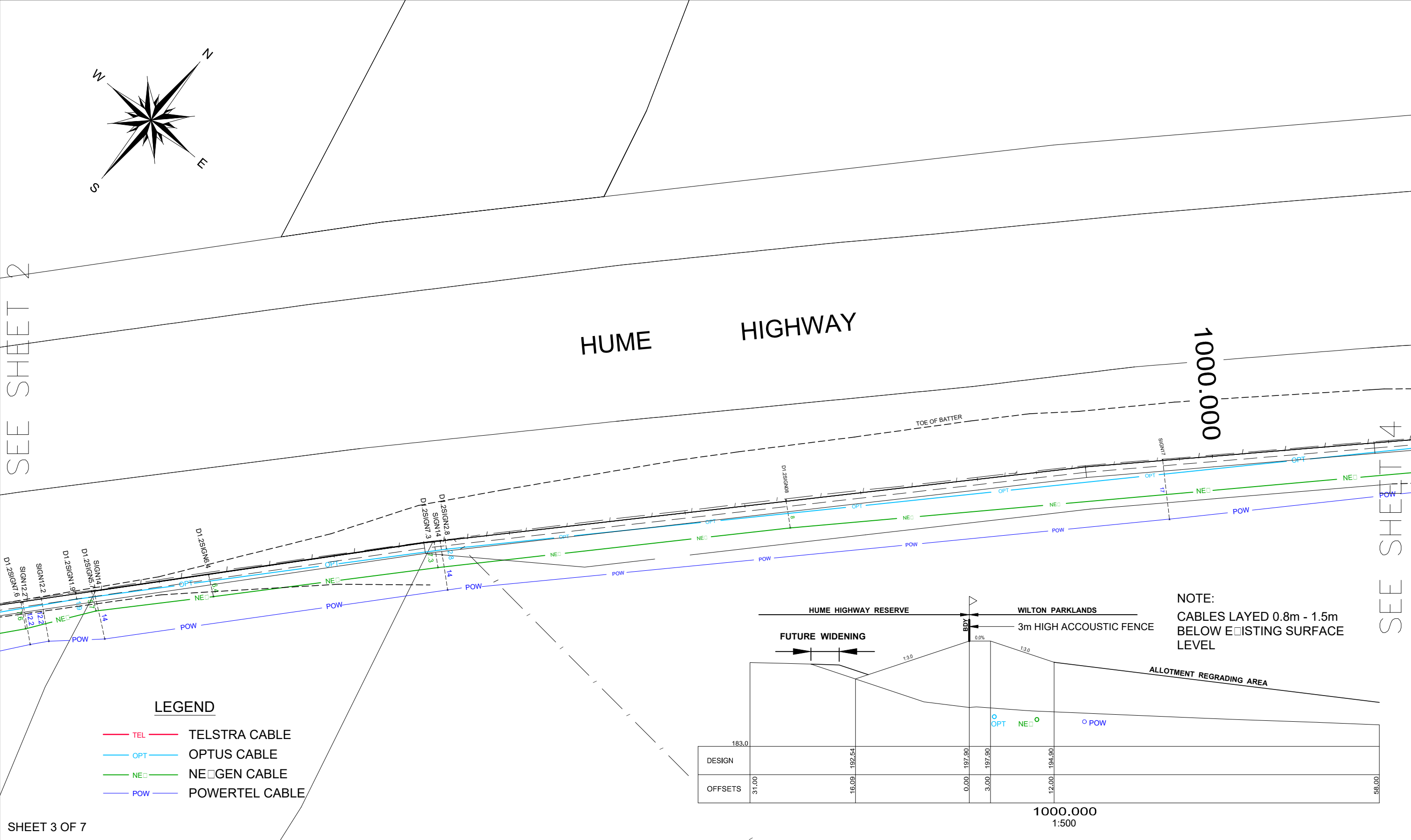


PLAN SHOWING
APPROXIMATE LOCATION OF
POWERTEL, NEGEN, OPTUS & TELSTRA CABLES
WITHIN PART LOT 101 IN D.P.1045369
WILTON PARK



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Email : wallis2@wallisandmoore.com.au

SCALE:1:1000	DATE 6.03.06
PROJECT No. 23310	
DRAWING No. P22	ISSUE 1



SHEET 3 OF 7

PRINCIPAL



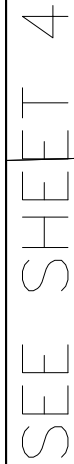
PLAN SHOWING
APPROXIMATE LOCATION OF
POWERTEL, NEGEN, OPTUS & TELSTRA CABLES
WITHIN PART LOT 101 IN D.P.1045369
WILTON PARK



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SCALE:1:1000	DATE 6.03.06
PROJECT No. 23310	
DRAWING No. P22	ISSUE 1

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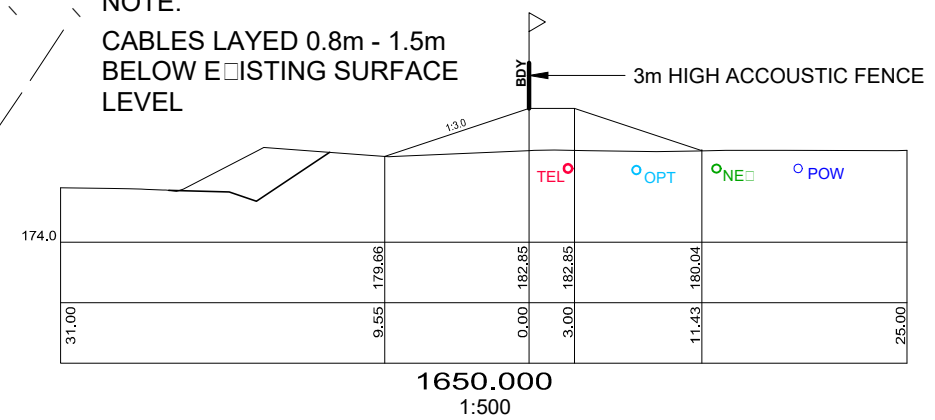


SEE SHEETS

1650.000

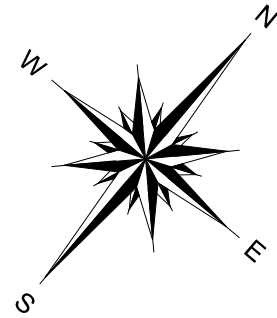


- NOTE:
CABLES LAYED 0.8m - 1.5m
BELOW EXISTING SURFACE
LEVEL



Delfin
Lend Lease

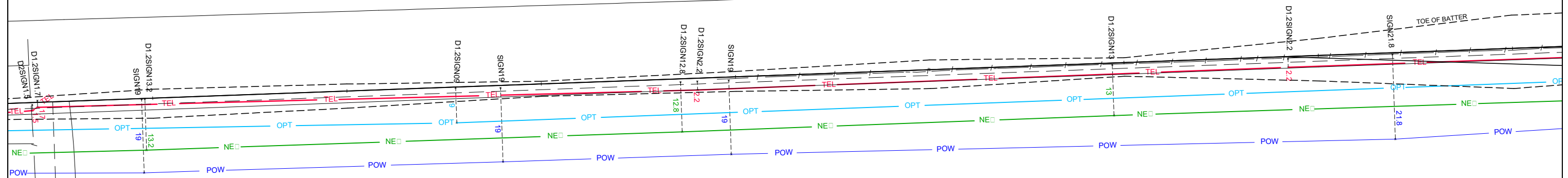




SEE SHEET 5

SEE SHEET 7

HUME HIGHWAY



LEGEND

- TEL TELSTRA CABLE
- OPT OPTUS CABLE
- NE NEGEN CABLE
- POW POWERTEL CABLE

SHEET 6 OF 7

PRINCIPAL



PLAN SHOWING
APPROXIMATE LOCATION OF
POWERTEL, NEGEN, OPTUS & TELSTRA CABLES
WITHIN PART LOT 101 IN D.P.1045369
WILTON PARK



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Email : wallis2@wallisandmoore.com.au

SCALE:1:1000

DATE
6.03.06

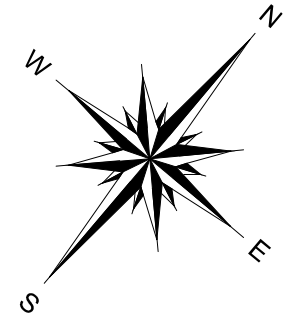
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P22

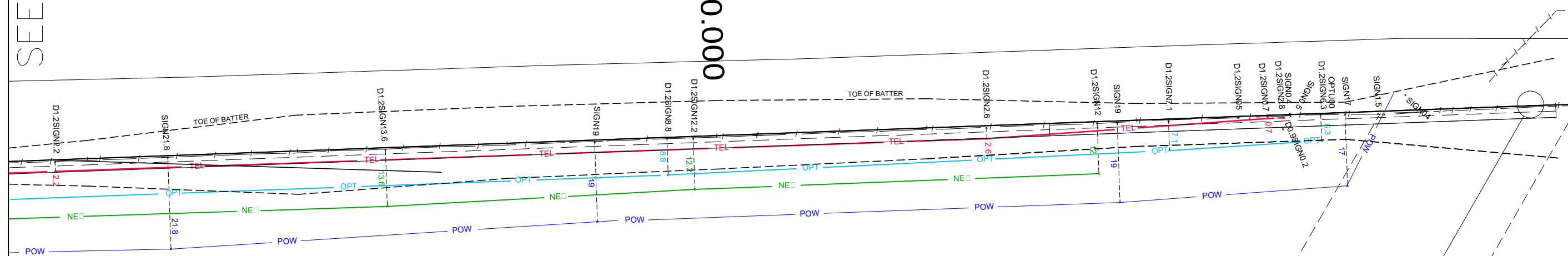
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SEE SHEET 6

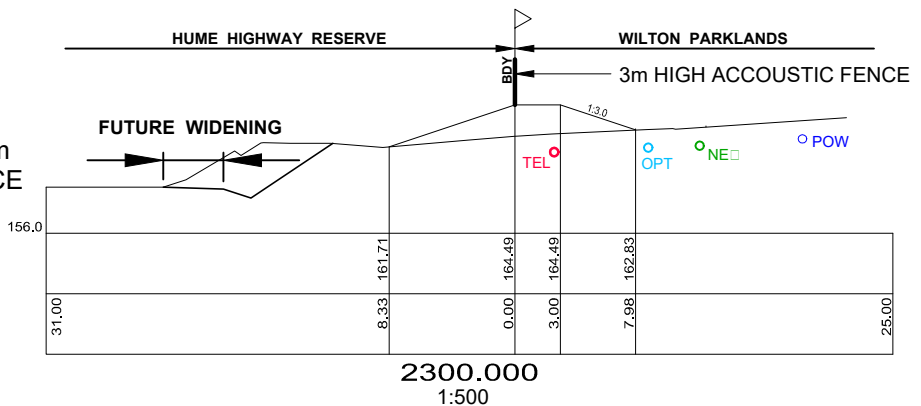


2300.000

HUME HIGHWAY



NOTE:
CABLES LAYED 0.8m - 1.5m
BELOW EXISTING SURFACE
LEVEL



LEGEND

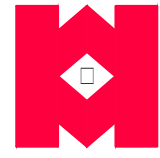
- TEL TELSTRA CABLE
- OPT OPTUS CABLE
- NEGEN CABLE
- POW POWERTEL CABLE

SHEET 7 OF 7

PRINCIPAL



PLAN SHOWING
APPROXIMATE LOCATION OF
POWERTEL, NEGEN, OPTUS & TELSTRA CABLES
WITHIN PART LOT 101 IN D.P.1045369
WILTON PARK



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SCALE:1:1000	DATE 6.03.06
PROJECT No. 23310	
DRAWING No. P22	ISSUE 1