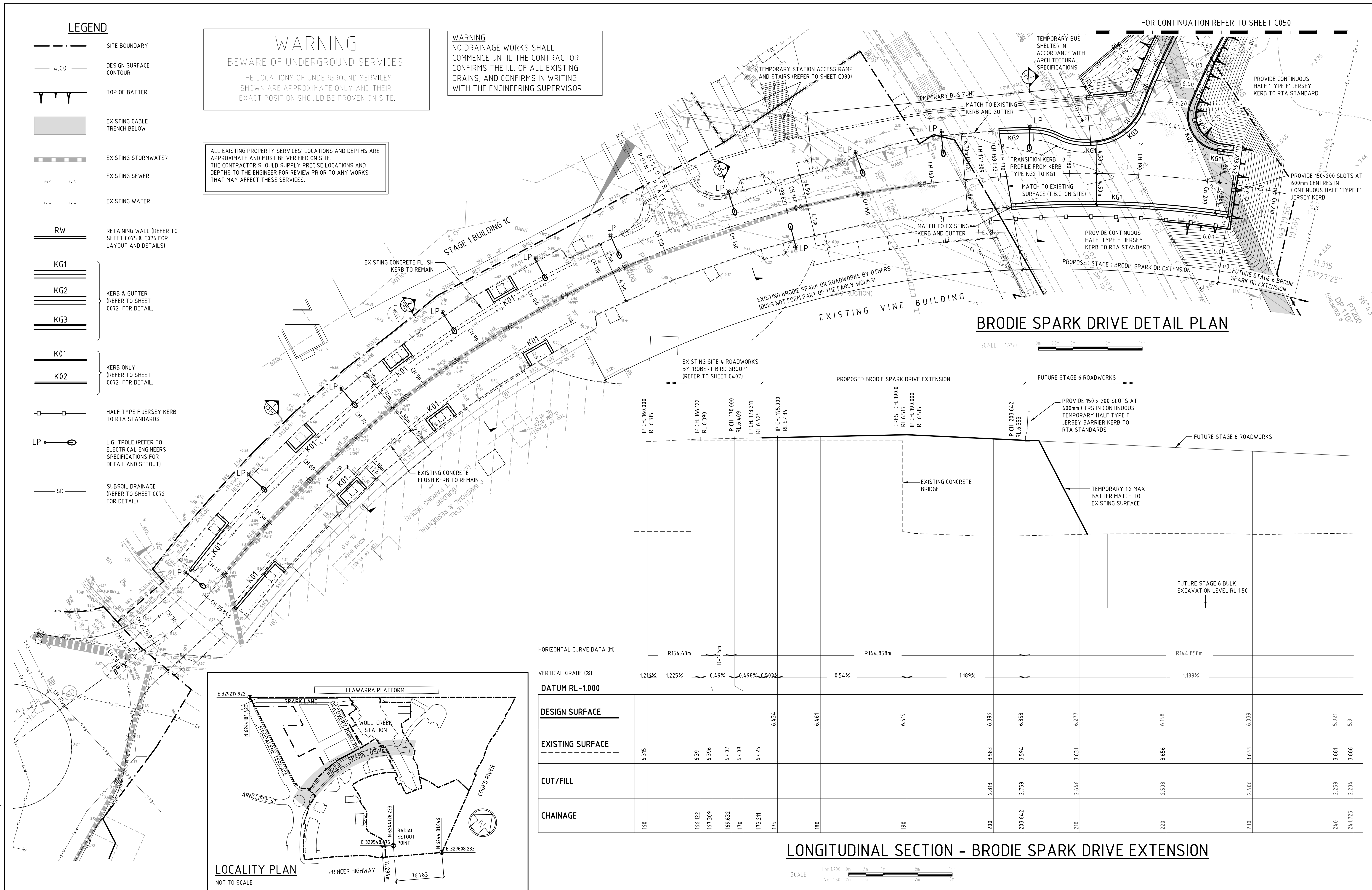


	SITE BOUNDARY
	DESIGN SURFACE CONTOUR
	TOP OF BATTER
	EXISTING CABLE TRENCH BELOW
	EXISTING STORMWATER
	EXISTING SEWER
	EXISTING WATER
	RETAINING WALL (REFER TO SHEET C075 & C076 FOR LAYOUT AND DETAILS)
	} KERB & GUTTER (REFER TO SHEET C072 FOR DETAIL)
	} KERB ONLY (REFER TO SHEET C072 FOR DETAIL)
	HALF TYPE F JERSEY KERB TO RTA STANDARDS
	LIGHTPOLE (REFER TO ELECTRICAL ENGINEERS SPECIFICATIONS FOR DETAIL AND SETOUT)
	SUBSOIL DRAINAGE (REFER TO SHEET C072 FOR DETAIL)

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CONFIRMS THE I.L. OF ALL EXISTING
DRAINS, AND CONFIRMS IN WRITING
WITH THE ENGINEERING SUPERVISOR.



SCALE

Hor 1:200 0m 2m 4m 8m 12m

Ver 1:50 0m 0.5m 1m 2m 3m

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[illegible]

Rev	Description	Date	By	App



 AUSTRALAND
AUSTRALAND
LEVEL 3 HOMEBUSH BAY DRIVE
RHODES, 2138
LOCKED BAG 2106 NORTH RYDE NSW 2106



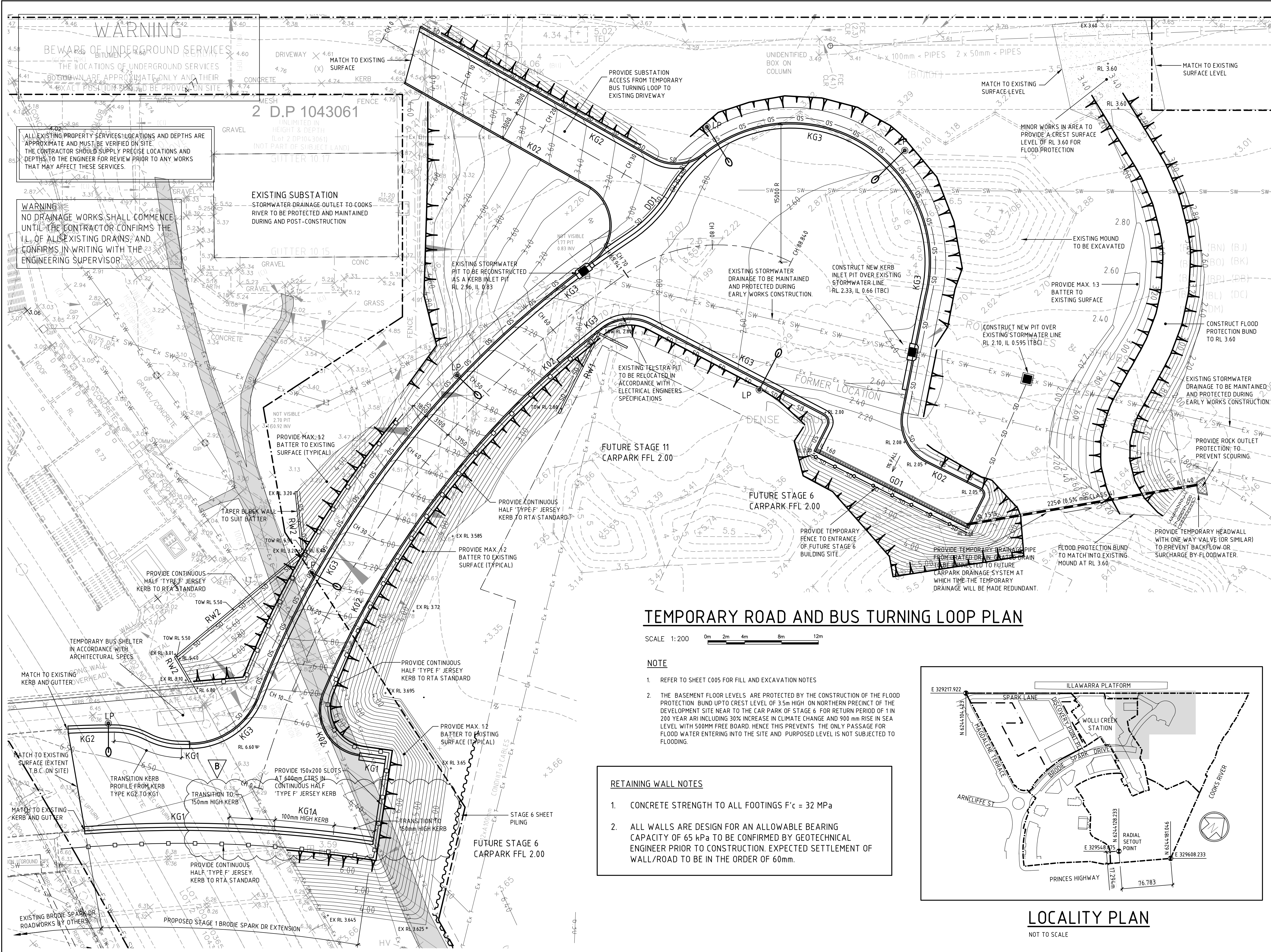
BONACCI GROUP Pty Ltd
ABN 42 060 332 345
Consulting Engineers, Structural - Civil - Infrastructure
Level 6, 37 York Street, Sydney, NSW 2000 Australia
Tel: +61 2 8247 8400 Fax: +61 2 8247 8444
sydney@bonaccigroup.com
www.bonaccigroup.com

Project Name **DISCOVERY POINT,
WOLLI CREEK
STAGE 1**

Drawing Title	EARLY WORKS BRODIE SPARK DRIVE DETAIL PLAN AND LONGITUDINAL SECTION
------------------	---

FOR CONSTRUCTION

Designed	SN	Project Director Approved	Date	No
Drawn	JF			
Scale	1:250			
Date	MAR 2011	Project Ref	Drawing No	Re
Sheet		20 01193 01	C020	A



TEMPORARY ROAD AND BUS TURNING LOOP PLAN

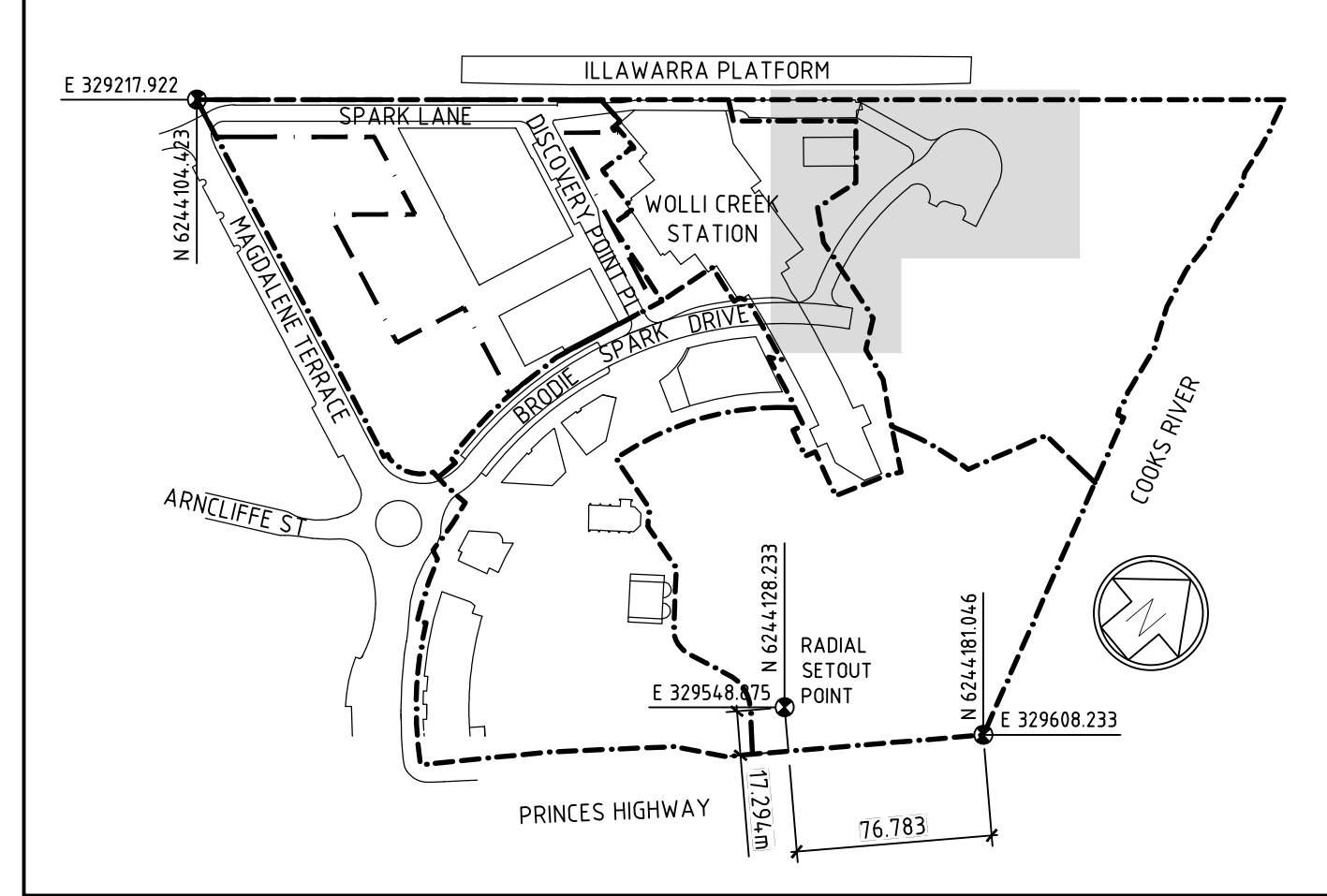
SCALE 1:200 0m 2m 4m 8m 12m

NOTE

- REFER TO SHEET C005 FOR FILL AND EXCAVATION NOTES
- THE BASEMENT FLOOR LEVELS ARE PROTECTED BY THE CONSTRUCTION OF THE FLOOD PROTECTION BUND UP TO CREST LEVEL OF 3.5m HIGH ON NORTHERN PERIMETER OF THE DEVELOPMENT SITE NEAR TO THE CARPARK OF STAGE 6 FOR RETURN PERIOD OF 1 IN 200 YEAR ARI INCLUDING 30% INCREASE IN CLIMATE CHANGE AND 900 mm RISE IN SEA LEVEL WITH 500mm FREE BOARD. HENCE THIS PREVENTS THE ONLY PASSAGE FOR FLOOD WATER ENTERING INTO THE SITE AND PURPOSED LEVEL IS NOT SUBJECTED TO FLOODING.

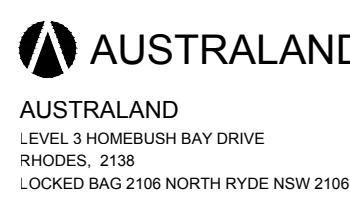
RETAINING WALL NOTES

- CONCRETE STRENGTH TO ALL FOOTINGS $f'c = 32 \text{ MPa}$
- ALL WALLS ARE DESIGN FOR AN ALLOWABLE BEARING CAPACITY OF 65 kPa TO BE CONFIRMED BY GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION. EXPECTED SETTLEMENT OF WALL/ROAD TO BE IN THE ORDER OF 60mm.



LEGEND	
	SITE BOUNDARY
	EXISTING SURFACE CONTOUR
	EXISTING SURFACE LEVEL
	DESIGN SURFACE CONTOUR
	DESIGN SURFACE LEVEL
	TOP OF WALL LEVEL
	PROPOSED STORMWATER PIT
	EXISTING STORMWATER LINE
	EXISTING TELSTRA LINE
	TOP OF BATTER
	EXISTING CABLE TRENCH BELOW
	RETAINING WALL (REFER TO SHEET C075 & C076 FOR LAYOUT AND DETAILS)
	TEMPORARY STORMWATER DRAINAGE
	GRATED DRAIN (REFER TO SHEET C072 FOR DETAILS)
	KERB & GUTTER (REFER TO SHEET C072 FOR DETAIL)
	KERB ONLY (REFER TO SHEET C072 FOR DETAIL)
	HALF TYPE F JERSEY KERB TO RTA STANDARDS
	LIGHTPOLE (REFER TO ELECTRICAL ENGINEERS SPECIFICATIONS FOR DETAIL AND SETOUT)
	SUBSOIL DRAINAGE (REFER TO SHEET C072 FOR DETAIL)

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Rev Description Date By App	
B	KERB AMENDED, ISSUED FOR CONSTRUCTION 10.07.12 JF SN
A	ISSUED FOR CONSTRUCTION 21.05.12 JF SN

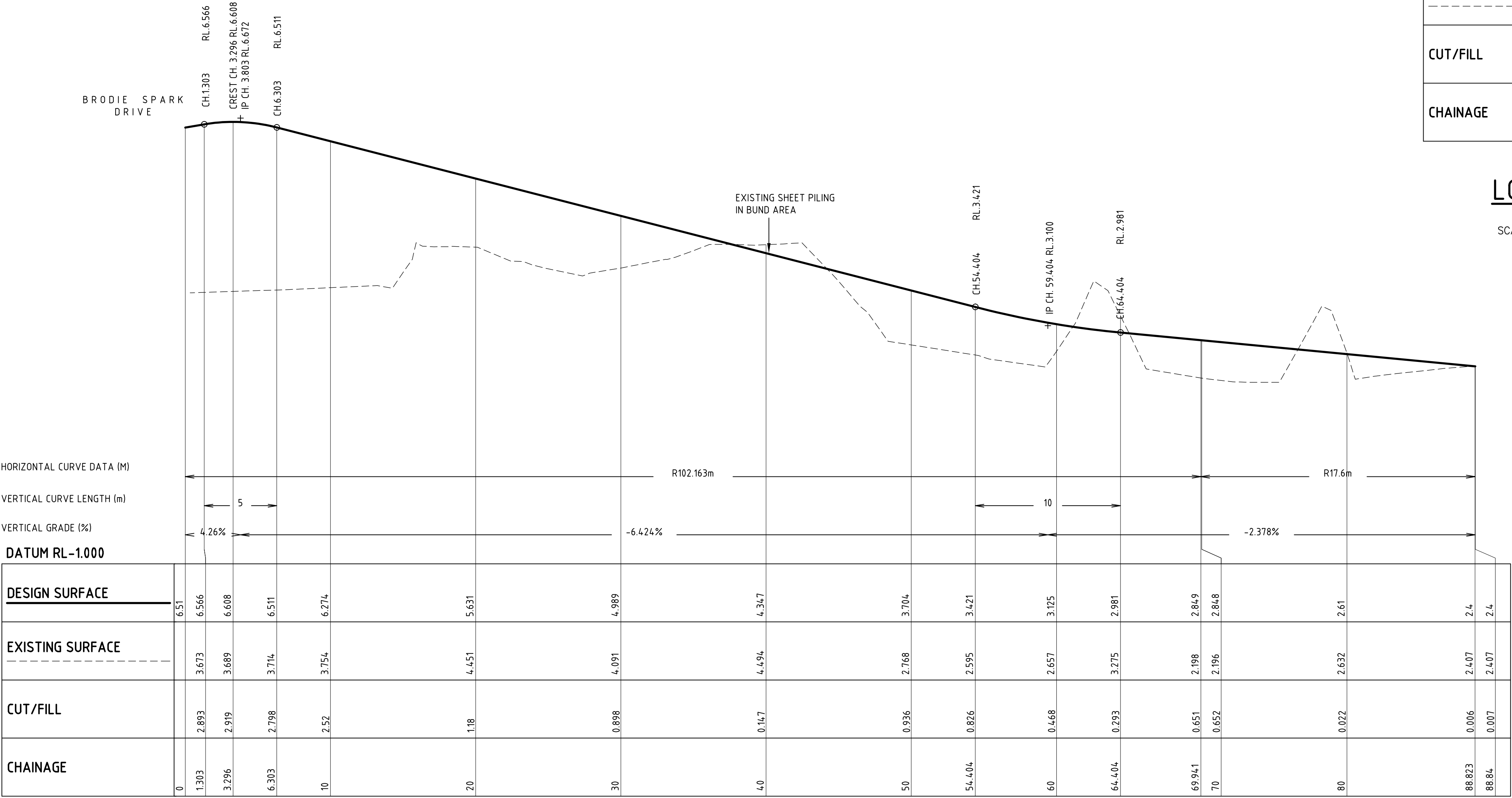


Project Name
DISCOVERY POINT
WOLLI CREEK
STAGE 1

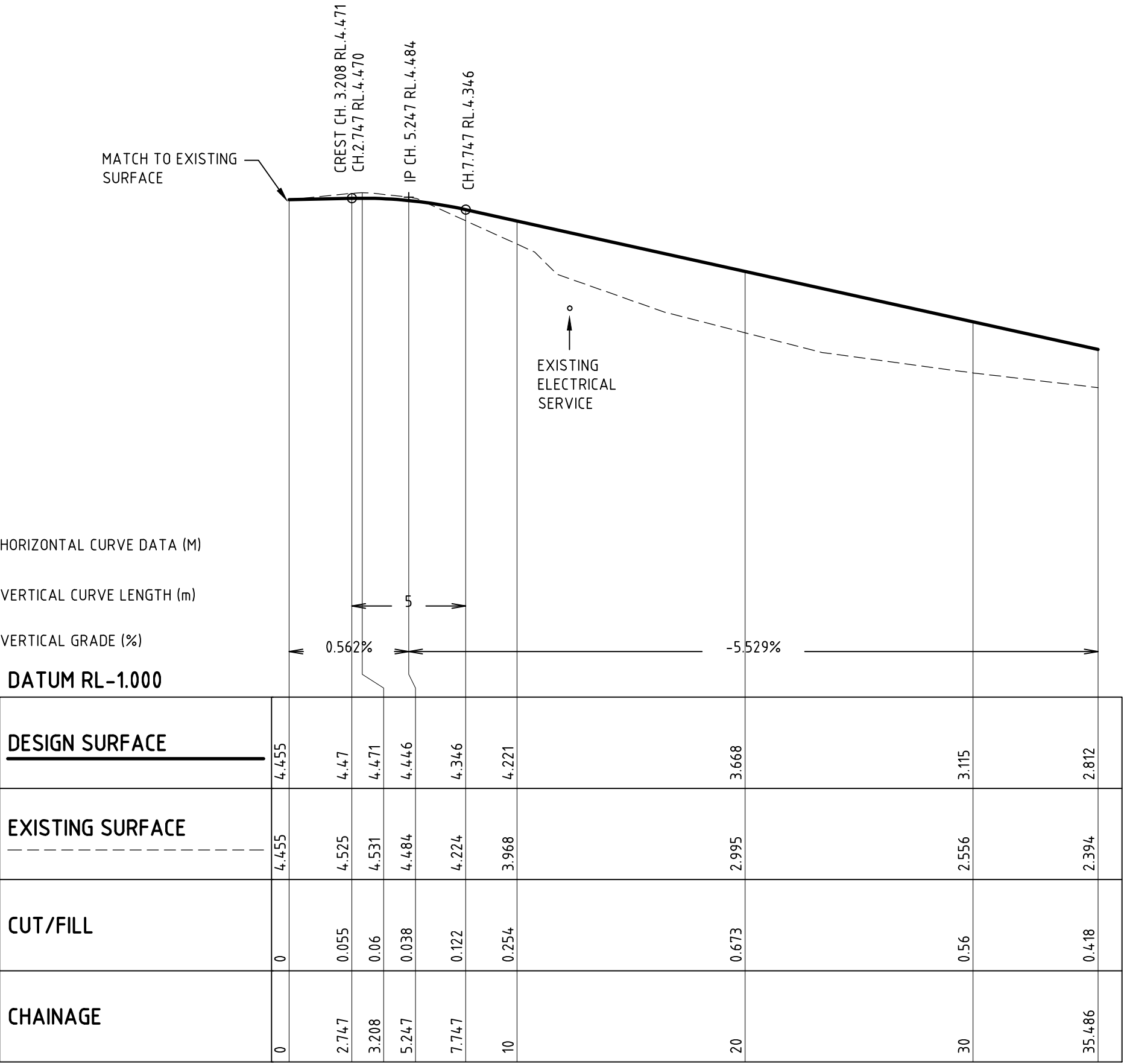
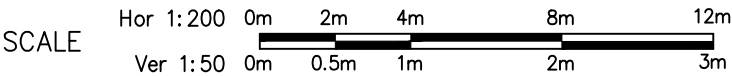
Drawing Title
EARLY WORKS
TEMPORARY ROAD AND BUS
TURNING LOOP PLAN

FOR CONSTRUCTION			
Designed	JF	Project Director Approved	Date
Drawn	JF		
Scale	1:200	Project Ref	Drawing No
Date	MAR 2011	20 01193 01	C050
Sheet			B

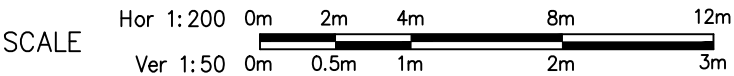
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LONGITUDINAL SECTION - TEMPORARY ROAD



LONGITUDINAL SECTION - TEMPORARY ACCESS ROAD



NOTE

EXISTING SURFACE LEVELS ARE INTERPOLATED FROM INFORMATION SUPPLIED BY THE SURVEYOR. DESIGN PAVEMENT LEVELS ARE TO MATCH EXISTING LEVELS UNLESS NOTED OTHERWISE.

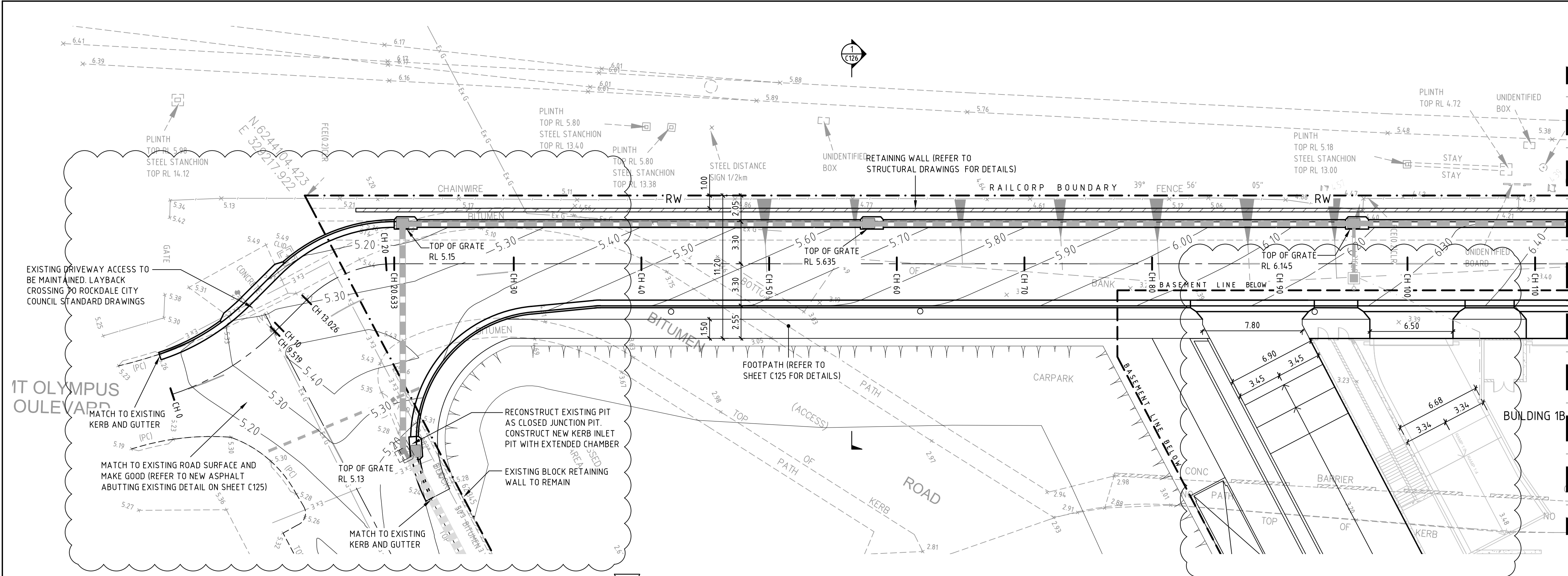
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Rev	Description	Date	By	App	Rev	Description	Date
A	ISSUED FOR CONSTRUCTION	21.05.12	JF	SN			

Rev	Description	Date	By	App



Project Name	DISCOVERY POINT WOLLI CREEK STAGE 1
Drawing Title	EARLY WORKS TEMPORARY ROAD AND ACCESS LONGITUDINAL SECTION

FOR CONSTRUCTION			
Designed	JF	Project Director Approved	Date
Drawn	JF		
Scale	AS SHOWN	Project Ref	Drawing No
Date	MAR 2011	20 01193 01	C055
Sheet			A



SPARK LANE DETAIL PLAN

SCALE 1:200



FOR CONTINUATION REFER TO SHEET C131

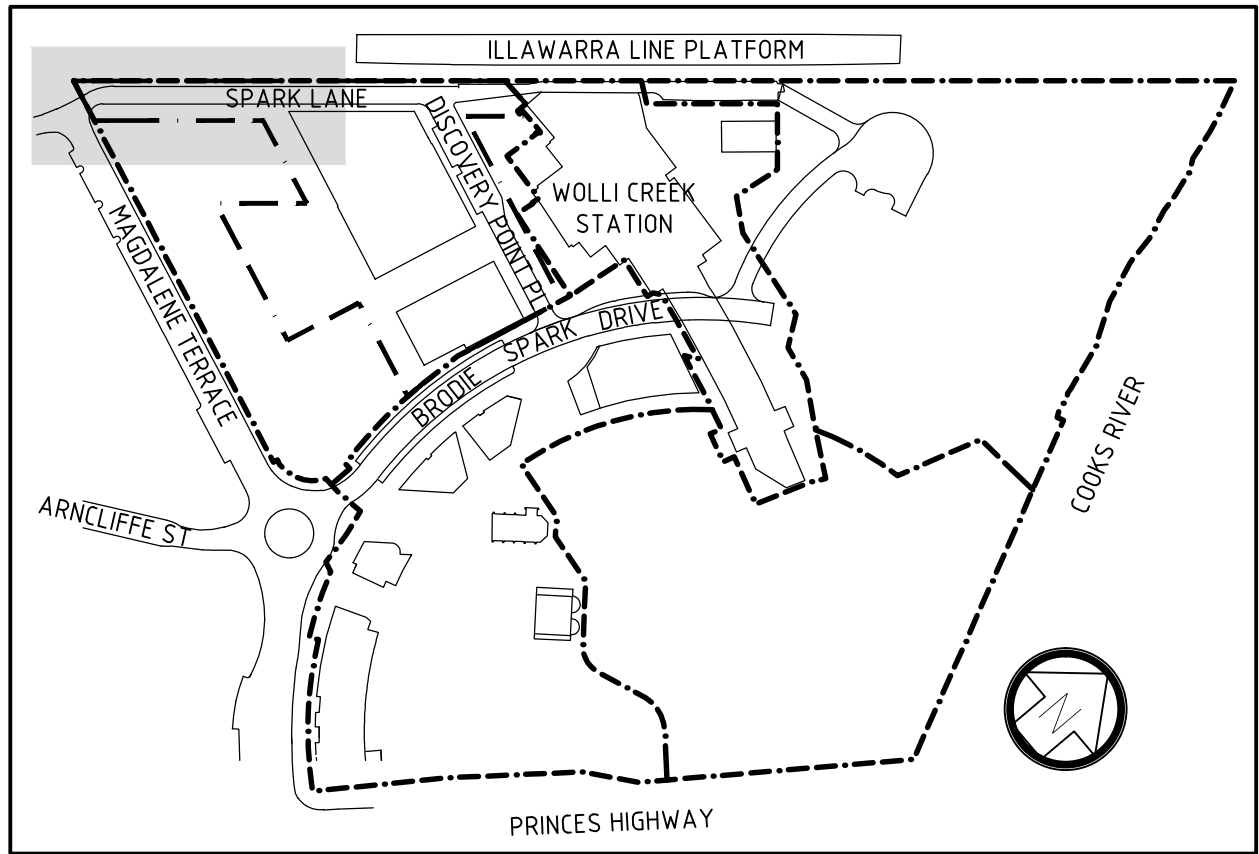
LEGEND

- PROPERTY BOUNDARY
- DESIGN SURFACE CONTOUR
- EXISTING SURFACE LEVEL
- EXISTING GAS
- EXISTING ELECTRICITY
- PROPOSED STORMWATER PIPE
- PROPOSED STORMWATER KERB INLET PIT
- RETAINING WALL (REFER TO STRUCTURAL DRAWINGS)

WARNING
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WARNING
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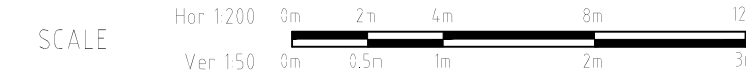
LOCALITY PLAN

NOT TO SCALE

HORIZONTAL CURVE DATA (M)
VERTICAL CURVE LENGTH (m)
VERTICAL GRADE (%)
DATUM RL 0.00

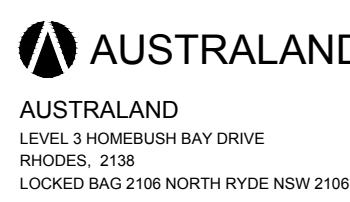
DESIGN SURFACE	5.161	5.345	5.325	5.321	5.296	5.247	5.242	5.258	5.354	5.486	5.619	5.752	5.885	6.017	6.15	6.283
EXISTING	5.161	5.344	5.331	5.329	5.296	5.206	5.199	5.163	4.675	3.778	3.415	3.457	3.573	3.696	3.63	3.602
CHAINAGE	0	6.97	9.519	10	13.026	20	20.633	22.801	30	40	50	60	70	80	90	100

LONGITUDINAL SECTION - SPARK LANE



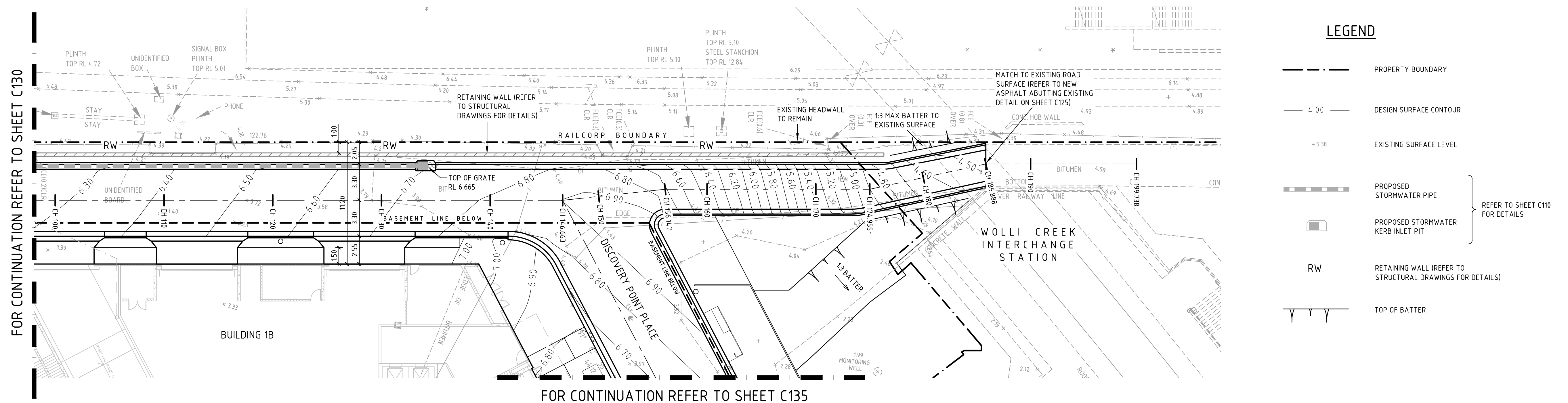
NOTE
EXISTING SURFACE LEVELS ARE INTERPOLATED FROM INFORMATION SUPPLIED BY THE SURVEYOR.

Rev	Description	Date	By	App
C	ISSUED FOR CONSTRUCTION CERTIFICATE	20.11.12	JF	SN
B	ISSUED FOR CONSTRUCTION CERTIFICATE	16.11.12	JF	SN
A	ISSUED FOR CONSTRUCTION CERTIFICATE	28.09.12	JF	SN



Project Name
DISCOVERY POINT, WOLLI CREEK STAGE 1
Drawing Title
SPARK LANE DETAIL PLAN AND LONGITUDINAL SECTION SHEET 1

CONSTRUCTION CERTIFICATE			
Designed	SN	Project Director Approved	Date
Drawn	JF		
Scale	1:200, 50	Project Ref	Drawing No
Date	MAY 2011	20 01193 01	C130
Sheet			C



SPARK LANE DETAIL PLAN

NOTE

EXISTING SURFACE LEVELS ARE INTERPOLATED
FROM INFORMATION SUPPLIED BY THE SURVEYOR.

WARNING

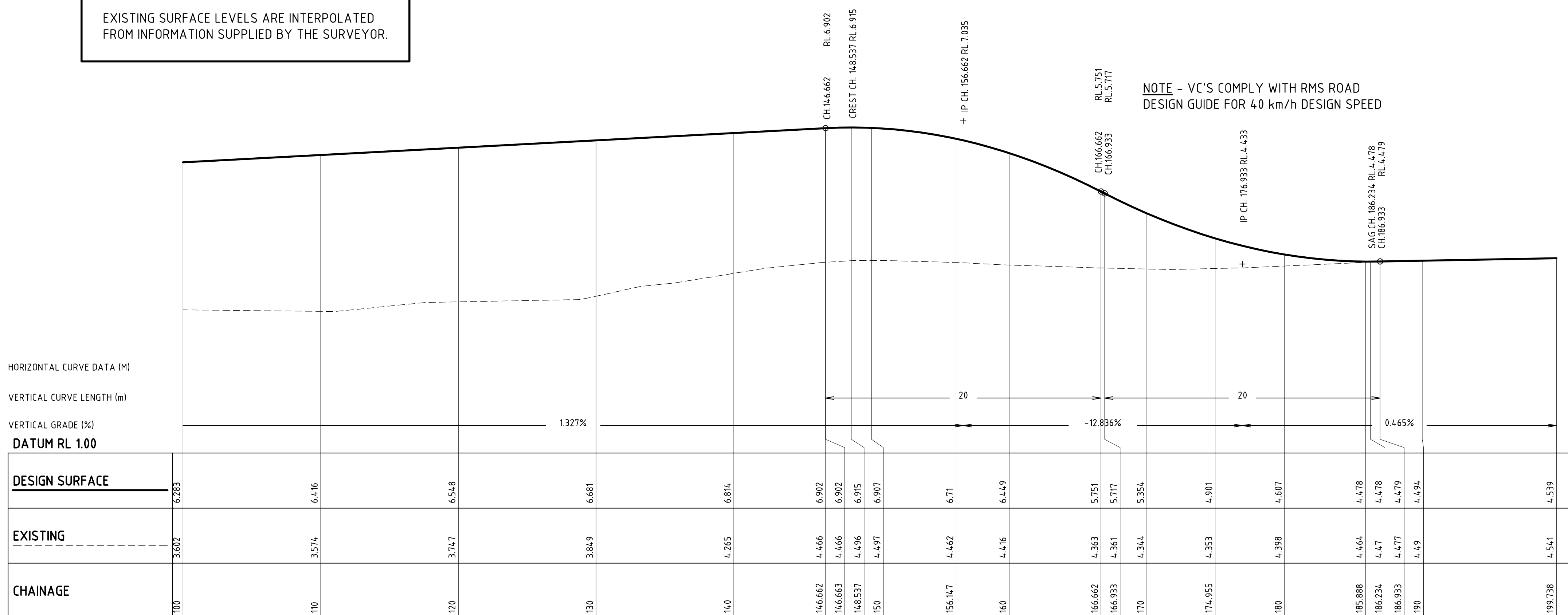
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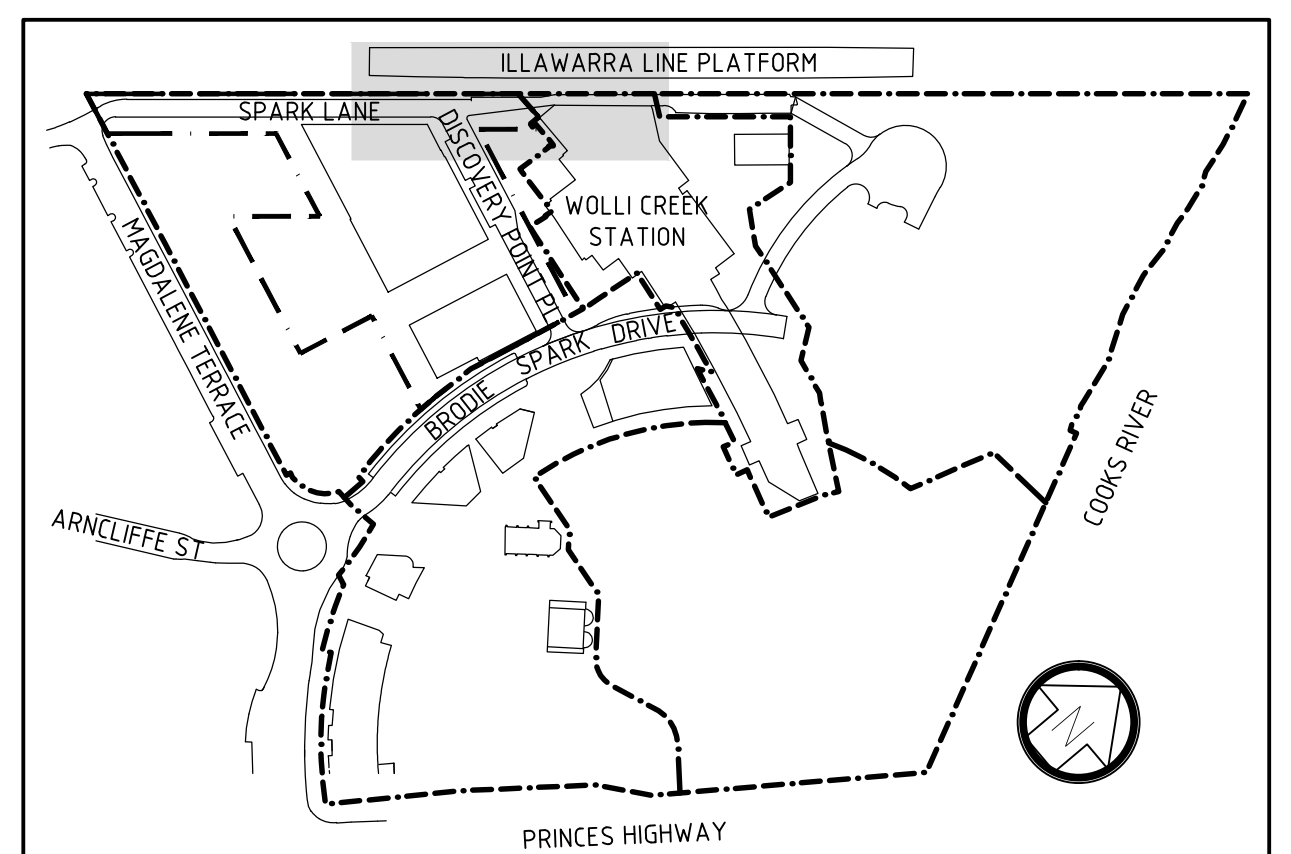
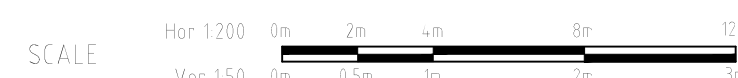
WARNING

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LONGITUDINAL SECTION - SPARK LANE



LOCALITY PLAN

NOT TO SCALE

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<i>B</i>	<i>ISSUED FOR CONSTRUCTION CERTIFICATE</i>	<i>21.11.12</i>	<i>JF</i>	<i>SN</i>
<i>A</i>	<i>ISSUED FOR CONSTRUCTION CERTIFICATE</i>	<i>28.09.12</i>	<i>JF</i>	<i>SN</i>
Rev	Description	Date	By	App

[illegible]

Discovery
Point

 AUSTRALAND
AUSTRALAND
LEVEL 3 HOMEBUSH BAY DRIVE
RHODES, 2138
LOCKED BAG 2106 NORTH RYDE NSW 2106

BONACCI

BONACCI GROUP Pty Ltd
ABN 42 060 332 345
Consulting Engineers, Structural - Civil - Infrastructure
Level 6, 37 York Street, Sydney, NSW 2000 Australia
Tel: +61 2 8247 8400 Fax: +61 2 8247 8444
sydney@bonaccigroup.com
www.bonaccigroup.com

Project Name **DISCOVERY POINT,
WOLLI CREEK
STAGE 1**

Drawing Title	SPARK LANE DETAIL PLAN AND LONGITUDINAL SECTION SHEET 2
------------------	---

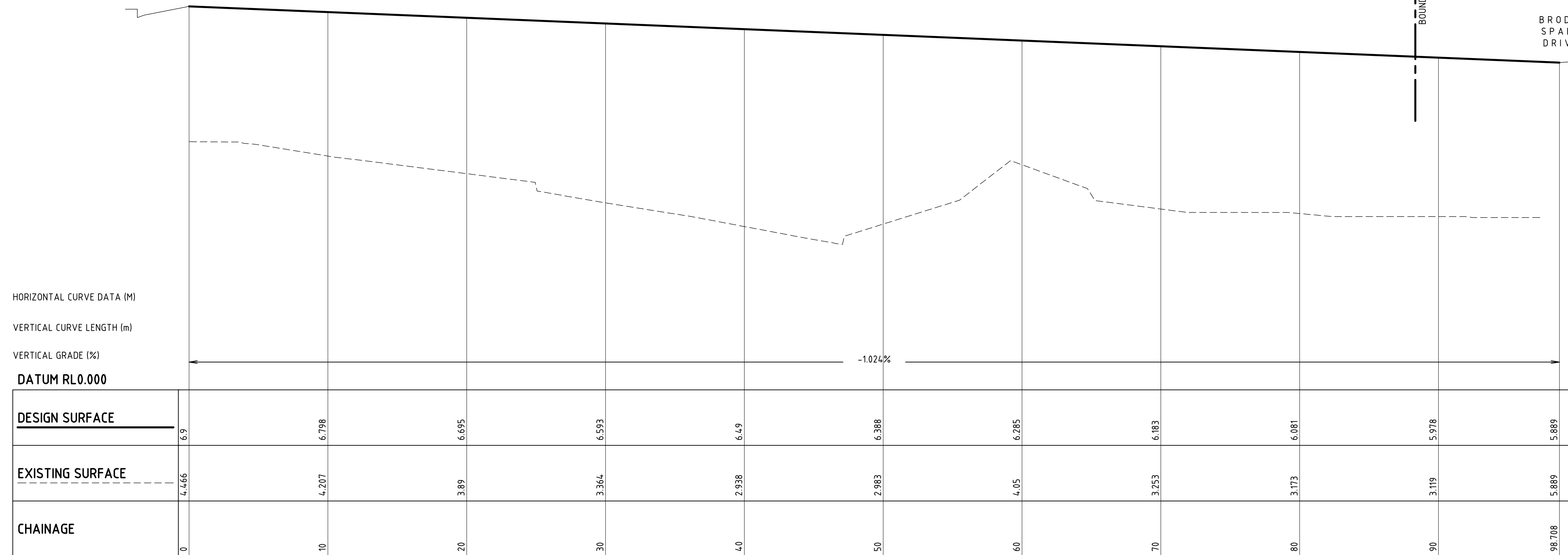
CONSTRUCTION CERTIFICATE

Designed	SN	Project Director Approved		Date	
Drawn	JF				
Scale	1:200, 50	Project Ref		Drawing No	Rev
Date	MAY 2011	20 01193 01		C131	B
Sheet					

SCALE 1:200

A horizontal scale bar with alternating black and white segments. It is marked with '0m', '2m', '4m', '8m', and '12m' at regular intervals.

SPARK
LANE



SCALE

Hor 1:200 0m 2m 4m 8m 12m

Ver 1:50 0m 0.5m 1m 2m 3m

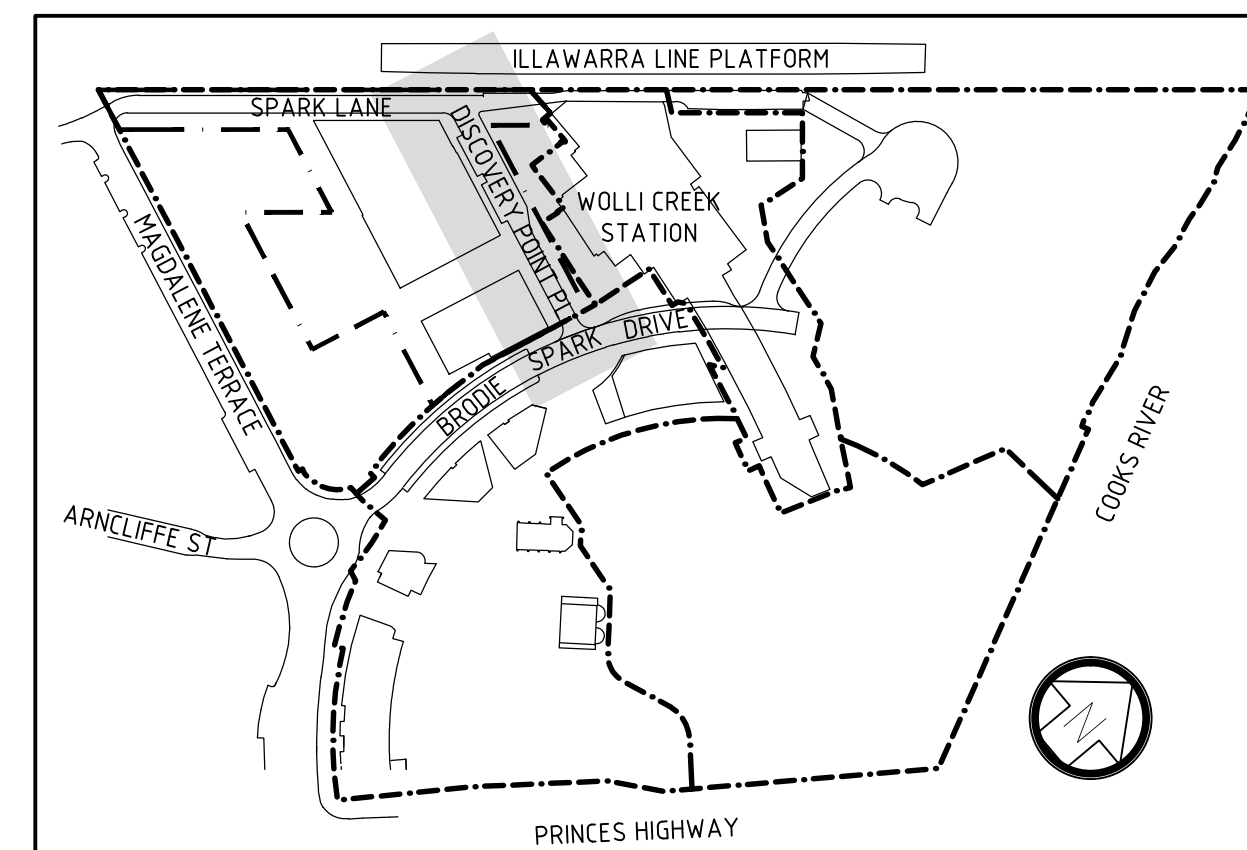
EXISTING SURFACE LEVELS ARE INTERPOLATED
FROM INFORMATION SUPPLIED BY THE SURVEYOR.

	PROPERTY BOUNDARY
	DESIGN SURFACE CONTOUR
	EXISTING SURFACE CONTOUR
	EXISTING SURFACE LEVEL
	EXISTING STORMWATER TRUNK MAIN
	PROPOSED STORMWATER PIPE
	PROPOSED STORMWATER KERB INLET PIT
	RETAINING WALL (REFER TO STRUCTURAL DRAWINGS FOR DETAILS)
	TOP OF BATTER

WARNING
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NOT TO SCALE

B	ISSUED FOR CONSTRUCTION CERTIFICATE	21.11.12	JF	SN
A	ISSUED FOR CONSTRUCTION CERTIFICATE	28.09.12	JF	SN

Rev	Description	Date	By	App	Rev	Description	Date	By	App
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Discovery Point

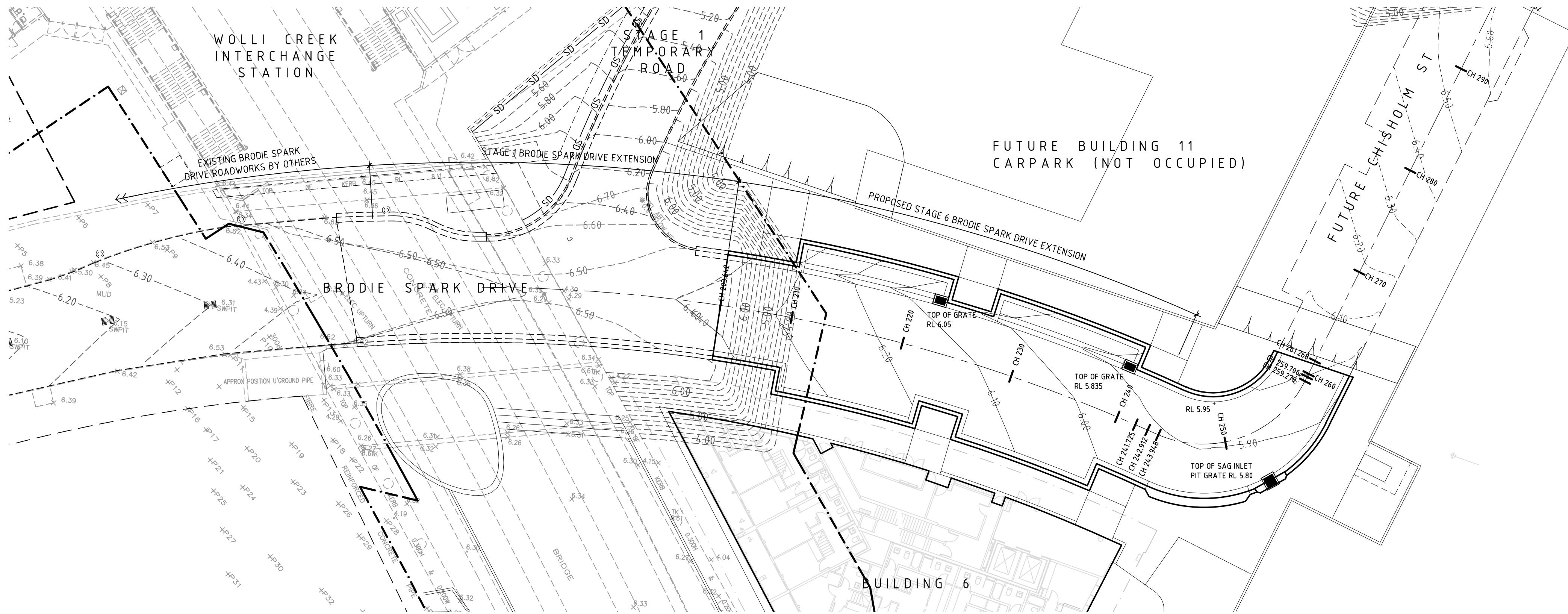
 AUSTRALAND
AUSTRALAND
LEVEL 3 HOMEBUSH BAY DRIVE
RHODES, 2138
LOCKED BAG 2106 NORTH RYDE NSW 2106

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sydney@bonaccigroup.com
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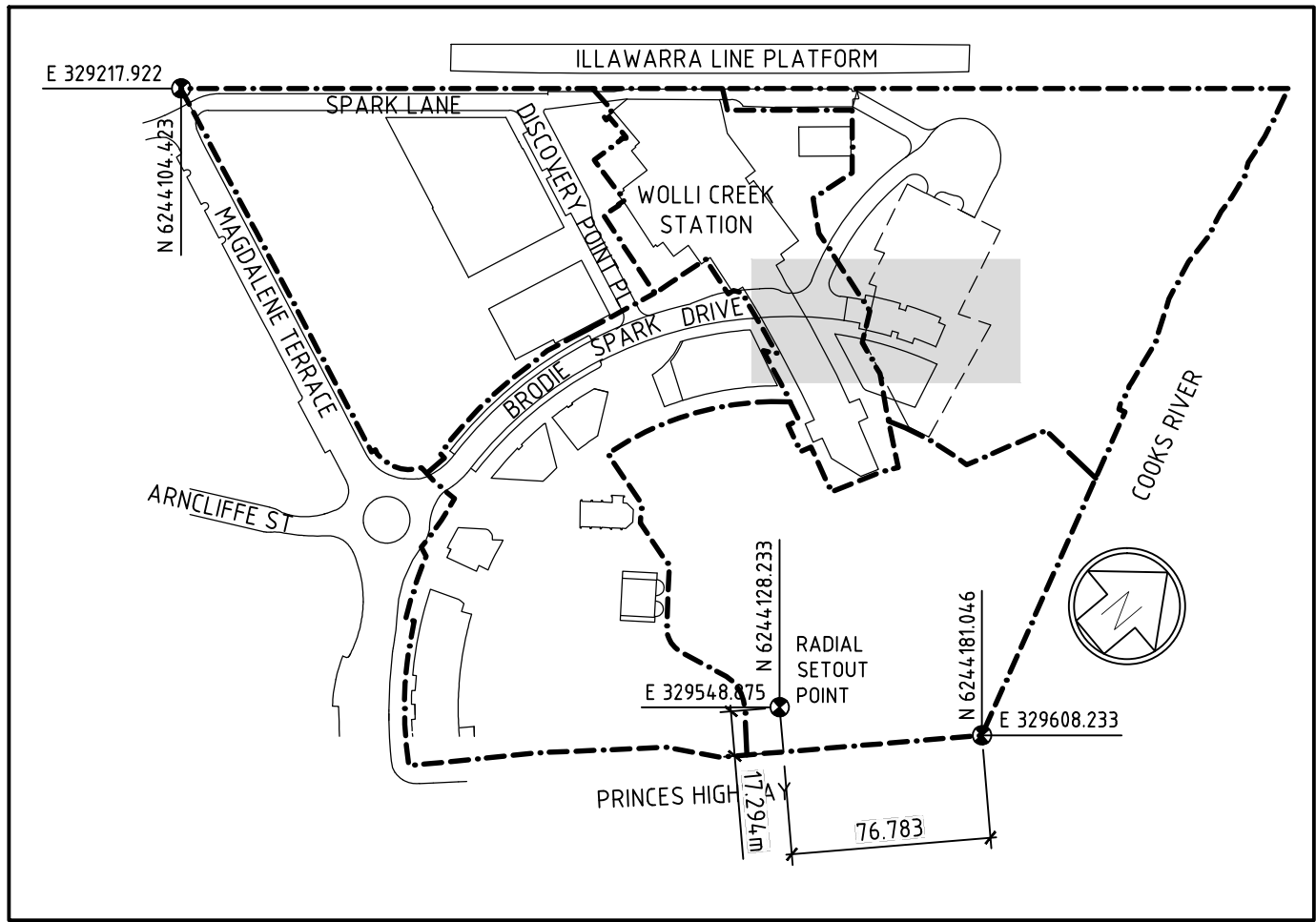
Drawing Title	DISCOVERY POINT PLACE DETAIL PLAN AND LONGITUDINAL SECTION
---------------	---

Designed	SN	Project Director Approved		Date	No
Drawn	JF				
Scale	1:200, 50	Project Ref		Drawing No	Rev
Date	MAY 2011	20 01193 01		C135	B
Sheet					



BRODIE SPARK DRIVE DETAIL PLAN

SCALE 1:250

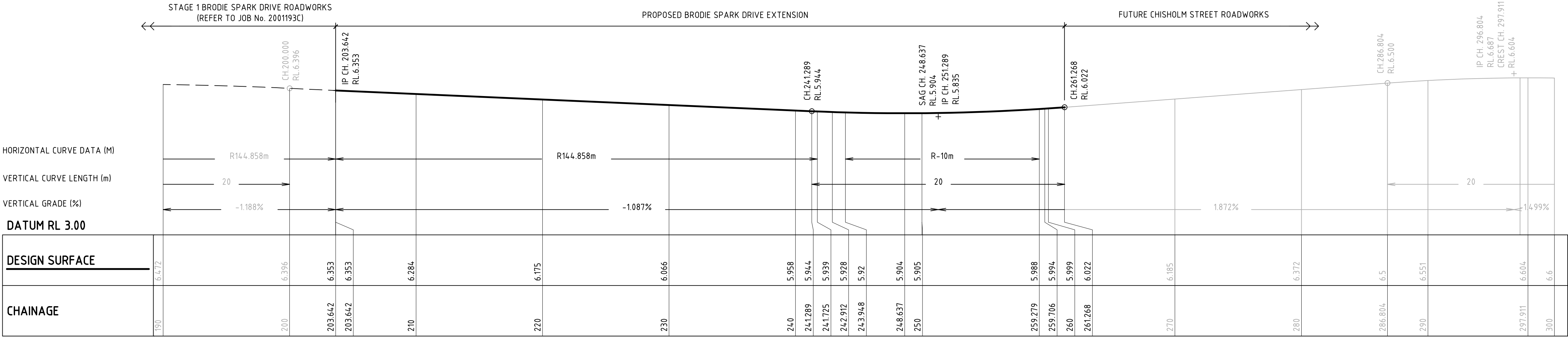


LOCALITY PLAN

NOT TO SCALE

LEGEND

- BOUNDARY
- x 6.26
+ EX RL 3.75 EXISTING SURFACE LEVEL
- 6.20 — FINISHED SURFACE CONTOUR
- - - 6.20 - - - FUTURE FINISHED SURFACE CONTOUR
- - - 6.20 - - - EXISTING FINISHED SURFACE CONTOUR
- PROPOSED STORMWATER PIT



LONGITUDINAL ROAD CL SECTION - BRODIE SPARK DRIVE / CHISHOLM STREET

SCALE Hor 1:200 Ver 1:50



WARNING

BEWARE OF UNDERGROUND SERVICES

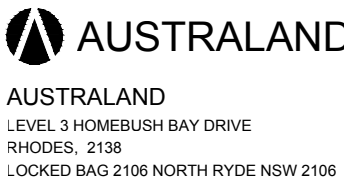
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05	ISSUED FOR TENDER	08.06.12	JF	SN
04	ROAD AMENDED, ISSUED FOR PPR	17.04.12	JF	SN
03	FOR TENDER	25.11.11	JF	SN
02	FOR TENDER REVIEW	04.11.11	JF	SN
01	FOR 60% TENDER ISSUE	23.09.11	JF	SN

Rev	Description	Date	By	App



Project Name
DISCOVERY POINT
WOLLI CREEK
STAGE 6

Drawing Title
BRODIE SPARK DRIVE DETAIL PLAN
AND LONGITUDINAL SECTION

FOR TENDER			
Designed	JF	Project Director Approved	Date
Drawn	JF		
Scale	1:200	Project Ref	Drawing No
Date	JULY 2011	20 01218 01	C040
Sheet			05