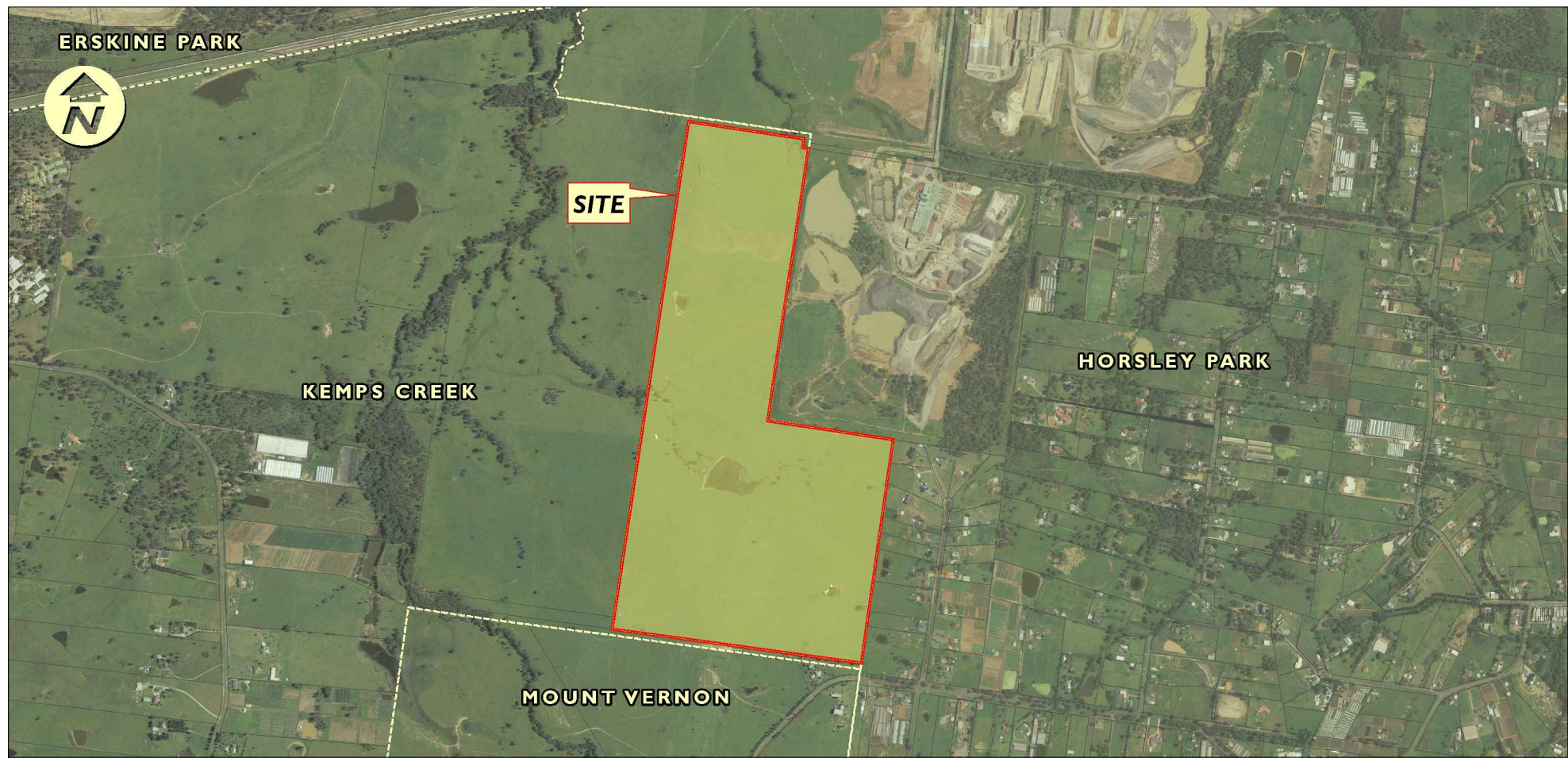


LOT A BURLEY ROAD, HORSLEY PARK EMPLOYMENT PRECINCT

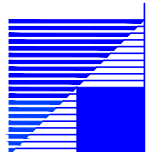
CIVIL ENGINEERING WORKS FOR DEVELOPMENT APPLICATION



LOCALITY PLAN
N.T.S.

LGA PENRITH COUNCIL
DP 392643

JACFIN PTY LTD



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DRAWING LIST

GENERAL	
000	COVER SHEET
001	GENERAL LAYOUT PLAN
ENGINEERING PLANS	
101	ENGINEERING PLAN SHEET 1 OF 2
102	ENGINEERING PLAN SHEET 2 OF 2
ROADWORKS	
201	ROAD No.01 LONGITUDINAL SECTION
202	ROAD No.02 LONGITUDINAL SECTION
SITE REGRADING	
301	SITE REGRADING SECTIONS
SEDIMENT & EROSION CONTROL	
401	SEDIMENT & EROSION CONTROL PLAN
402	SEDIMENT & EROSION CONTROL STANDARD NOTES AND DETAILS

LOT A BURLEY ROAD, HORSLEY PARK EMPLOYMENT PRECINCT
CIVIL ENGINEERING WORKS FOR DEVELOPMENT APPLICATION
JOB No: X10135

Brown Consulting (NSW) Pty Ltd

Level 2, 2 Burbank Place, Norwest Business Park
Baulkham Hills NSW Australia 2153
Telephone: 02 8808 5000 Facsimile: 02 8808 5099

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DRAWING	REVISION
000	06



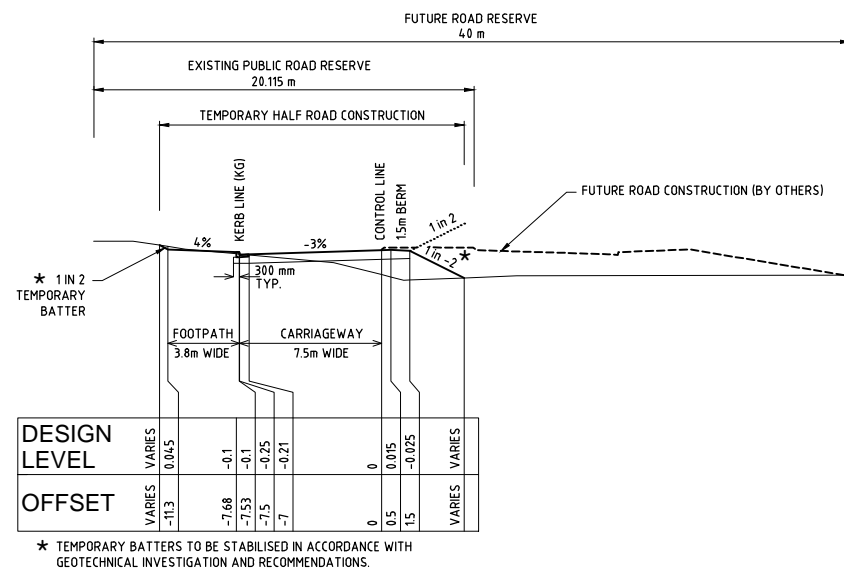
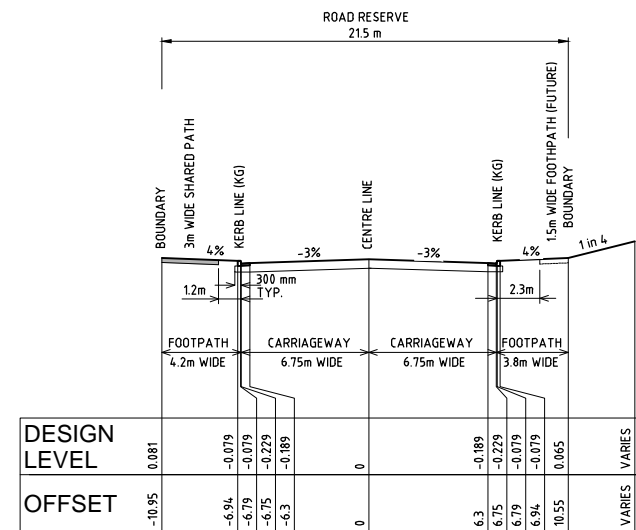
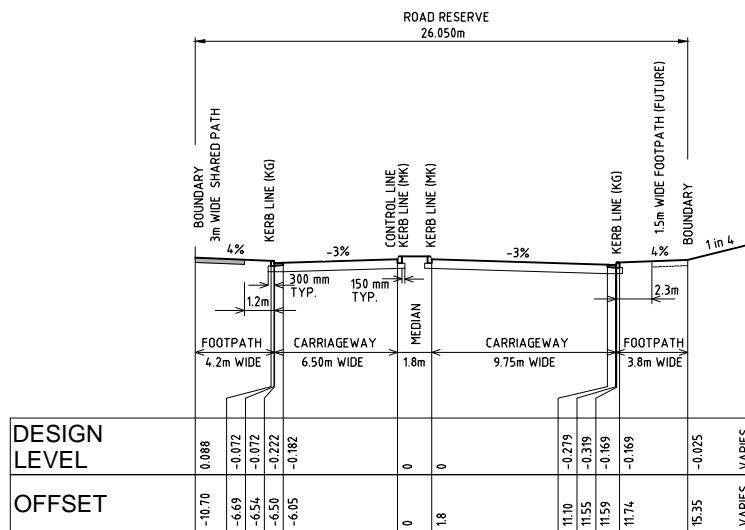
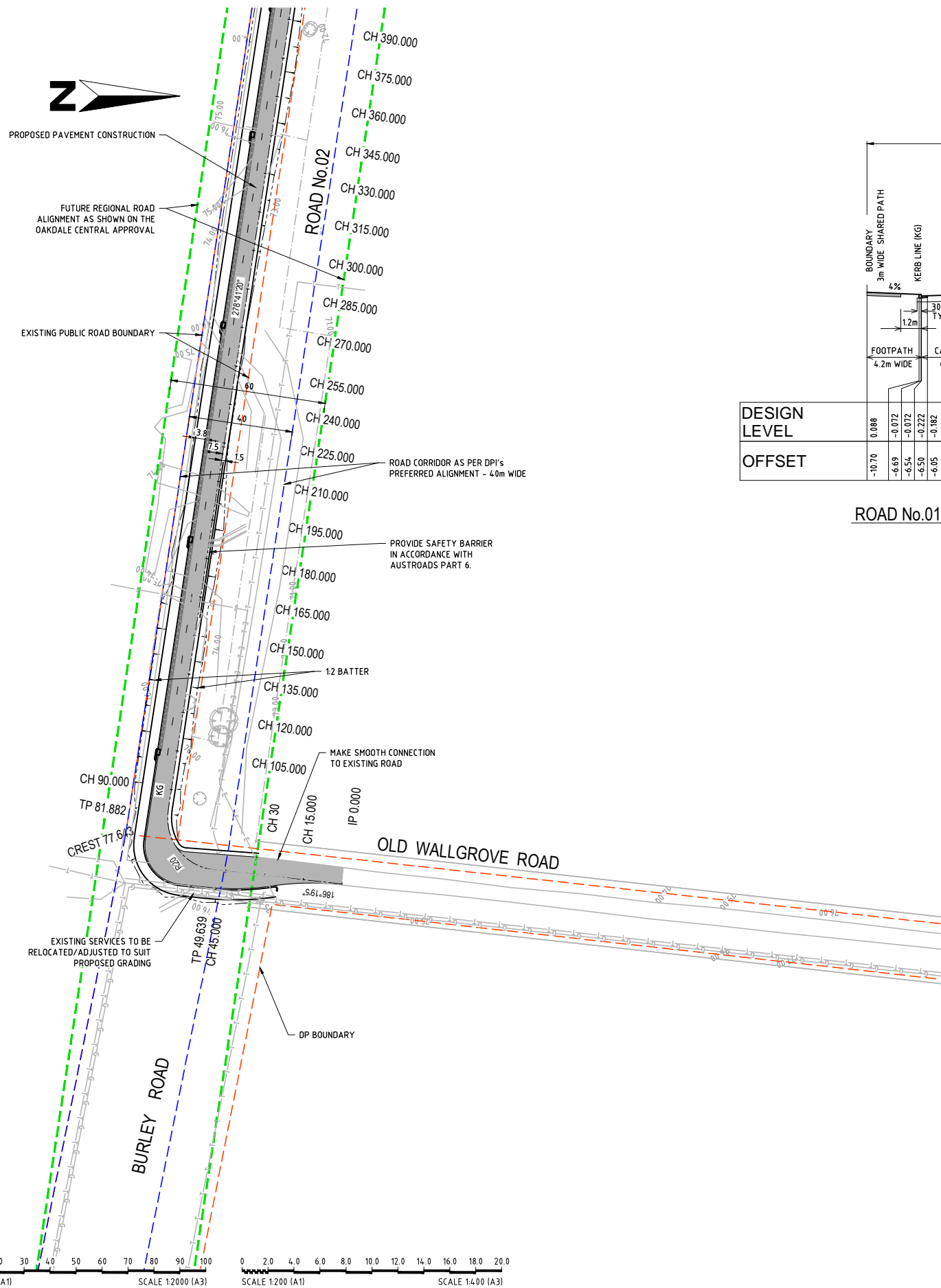
LEGEND

DESCRIPTION	PROPOSED	EXISTING	FUTURE
STORMWATER PIPELINE			
STORMWATER DRAINAGE PITS			
DRAINAGE LINE No. 3 DRAINAGE PIT No. 10			
CONCRETE HEADWALL			
SUBSOIL DRAIN			
STANDARD 150mm KERB AND GUTTER			
STANDARD ROLL KERB AND GUTTER			
STANDARD KERB ONLY			
STANDARD EDGE STRIP			
STANDARD MOUNTABLE KERB			
STANDARD DISH CROSSING			
VEHICULAR CROSSING			
PEDESTRIAN RAMP			
EDGE OF BITUMEN			
ROAD PAVEMENT			
BENCHMARK			
BATTERS			
CONCRETE PATHWAY			
CONTOURS			
SITE REGRADING AREA			
SERVICE LINES SEWER, GAS, WATER, ELECTRICITY			
COMMUNICATION LINES TELSTRA, FIBRE OPTIC			
OVER HEAD LINES AND POLES			
SERVICE PITS TELECOM PIT, ACCESS CHAMBER, HYDRANT, STOP VALVE, AIR VALVE			
LIMIT OF CONSTRUCTION			
LIMIT OF STAGE			
FENCE POST AND RAIL FENCE SECURITY FENCE			
LOT NUMBERS			
TREES TO RETAIN TREES TO REMOVE			
RETAINING WALL			
ROCK WALL			
SITE BOUNDARY			
EXISTING PUBLIC ROAD BOUNDARY			
FUTURE REGIONAL ROAD ALIGNMENT AS SHOWN ON OAKDALE CENTRAL APPROVAL			
ROAD CORRIDOR AS PER DP's PREFERRED ALIGNMENT - 40m WIDE			
EXTENT OF STAGE 1 CONSTRUCTION			

DEVELOPMENT APPLICATION

<table><tr><td>0A</td><td>8/12/2010</td><td>PROJECT PLAN DESIGN</td><td>MN</td><td>PF</td><td>TT</td></tr><tr><td>00</td><td>07/12/2010</td><td>AMENDED LAYOUT</td><td>MP</td><td>PF</td><td>TT</td></tr><tr><td>01</td><td>21/05/2012</td><td>ISSUE FOR CLIENT REVIEW</td><td>MP</td><td>CB</td><td>TT</td></tr><tr><td>02</td><td>22/05/2012</td><td>ISSUE FOR DEVELOPMENT APPLICATION</td><td>MP</td><td>CB</td><td>TT</td></tr><tr><td>03</td><td>24/05/2012</td><td>ISSUE FOR DEVELOPMENT APPLICATION</td><td>MP</td><td>CB</td><td>TT</td></tr><tr><td>04</td><td>29/05/2012</td><td>ISSUE FOR DEVELOPMENT APPLICATION</td><td>MP</td><td>CB</td><td>TT</td></tr><tr><td>05</td><td>6/06/2012</td><td>AMENDMENTS TO SUIT CLIENT COMMENTS</td><td>MP</td><td>CB</td><td>TT</td></tr><tr><td>06</td><td>27/07/2012</td><td>ROAD 01-ROAD 02 INTERSECTION AMENDED</td><td>MP</td><td>CB</td><td>TT</td></tr><tr><td>REV</td><td>DATE</td><td>DESCRIPTION</td><td>BY</td><td>VER</td><td>APP</td></tr></table>	0A	8/12/2010	PROJECT PLAN DESIGN	MN	PF	TT	00	07/12/2010	AMENDED LAYOUT	MP	PF	TT	01	21/05/2012	ISSUE FOR CLIENT REVIEW	MP	CB	TT	02	22/05/2012	ISSUE FOR DEVELOPMENT APPLICATION	MP	CB	TT	03	24/05/2012	ISSUE FOR DEVELOPMENT APPLICATION	MP	CB	TT	04	29/05/2012	ISSUE FOR DEVELOPMENT APPLICATION	MP	CB	TT	05	6/06/2012	AMENDMENTS TO SUIT CLIENT COMMENTS	MP	CB	TT	06	27/07/2012	ROAD 01-ROAD 02 INTERSECTION AMENDED	MP	CB	TT	REV	DATE	DESCRIPTION	BY	VER	APP	<p>Disclaimer and Copyright: ALL DIMENSIONS TO BE CHECKED ON SITE BY SUPERINTENDENT PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE.</p> <p> ACEA Quality Endorsed Company</p>	<p>Brown Consulting (NSW) Pty Ltd Level 2, 2 Burbank Place Norwest Business Park NSW Australia 2153 Telephone: 02 8808 5000 Facsimile: 02 8808 5099</p> <p> BROWN</p> <p>Sydney Canberra Brisbane Melbourne Singapore</p>	<p>APPROVAL BY: TOBY TAMES BE (Hons) GradDipMgt CPESC CPEng MIEAust. Business Unit Manager SIGN: DATE:</p>	<p>Client: JACFIN PTY LTD</p> <p>Project: LOT A BURLEY ROAD, HORSLEY PARK EMPLOYMENT PRECINCT CIVIL ENGINEERING WORKS FOR DEVELOPMENT APPLICATION</p>	<p>Drawing: GENERAL LAYOUT PLAN</p>	<table><tr><td>Drawn by: VP</td><td rowspan="2">Scale(A1): 1:5000</td></tr><tr><td>Design by: MP</td></tr><tr><td>Project No: X10135</td><td>Revision: 06</td></tr><tr><td>Drawing No: 001</td><td></td></tr></table>	Drawn by: VP	Scale(A1): 1:5000	Design by: MP	Project No: X10135	Revision: 06	Drawing No: 001	
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FOR CONTINUATION REFER TO DRAWING No. 102



DEVELOPMENT APPLICATION

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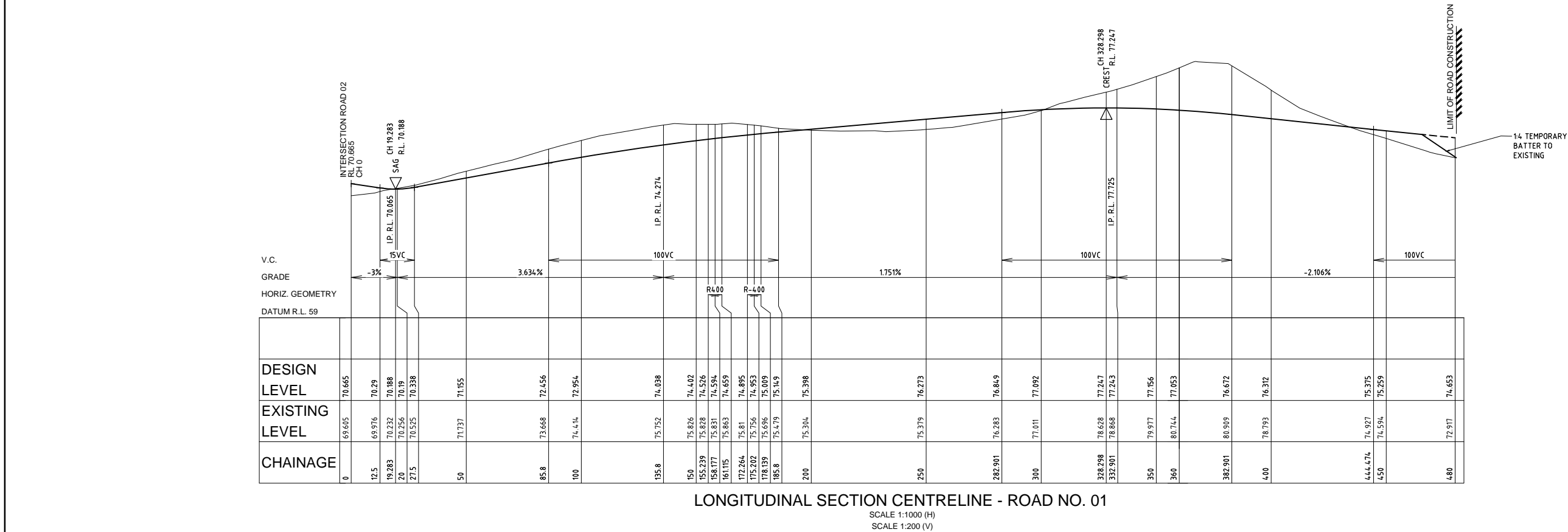


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Telephone: 02 8808 5000 Facsimile: 02 8808 5099

APPROVAL
BY: TOBY TAMES
BE (Hons) GradDipMgt CPESC CPEng MIEAust.
Business Unit Manager
SIGN:
DATE:

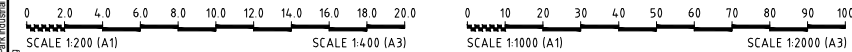
Client:
JACFIN PTY LTD
Project:
LOT A BURLEY ROAD, HORSLEY PARK EMPLOYMENT PRECINCT
CIVIL ENGINEERING WORKS FOR DEVELOPMENT APPLICATION

Drawing:
**ENGINEERING PLAN
SHEET 1 OF 2**
Drawn by: VP
Design by: MP
Project No: X10135
Drawing No: 101
Revision: 06
Scale(A1):
1:1000
1:200



LONGITUDINAL SECTION CENTRELINE - ROAD NO. 01

SCALE 1:1000 (H)
SCALE 1:200 (V)



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08	27/07/2012	ROAD 01-ROAD 02 INTERSECTION AMENDED	MP	CB	TT

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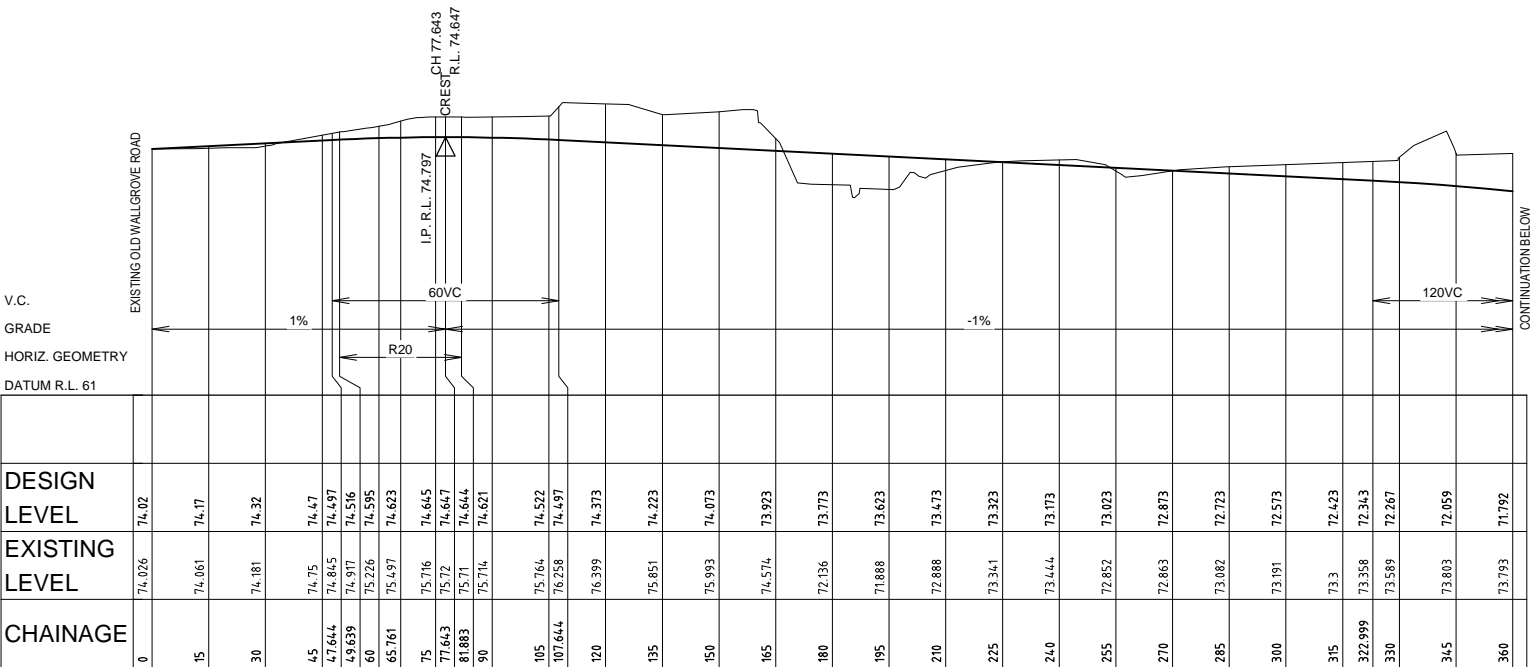
Sydney
Canberra
Brisbane
Melbourne
Singapore

APPROVAL	
BY:	TOBY TAMES BE (Hons) GradDipMgt CPESC CPEng MIEAust. Business Unit Manager
SIGN:	
DATE:	

Client:	JACFIN PTY LTD
Project:	LOT A BURLEY ROAD, HORSLEY PARK EMPLOYMENT PRECINCT CIVIL ENGINEERING WORKS FOR DEVELOPMENT APPLICATION

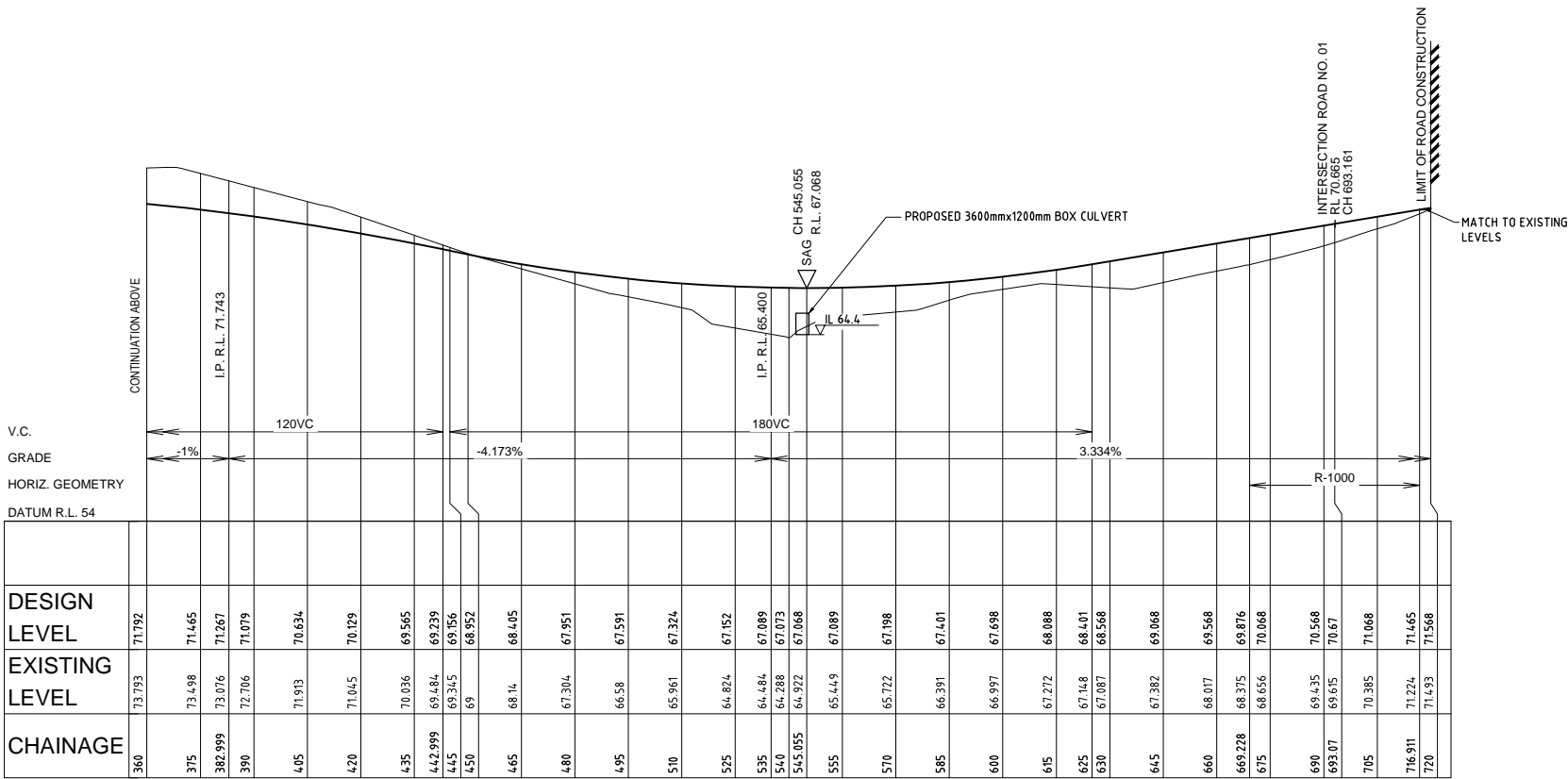
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		Design by: M.N.	
		Project No: X10135	
		Drawing No: 201	Revision: 06

DEVELOPMENT APPLICATION



LONGITUDINAL SECTION CENTRELINE - ROAD 02

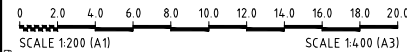
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SCALE 1:200 (V)



LONGITUDINAL SECTION CENTRELINE - ROAD 02

SCALE 1:1000 (H)
SCALE 1:200 (V)

Sheet: 24.05.2012, By: wendee@brown.com.au
Version: 01, Project: X10135 - Horsley Park Industrial



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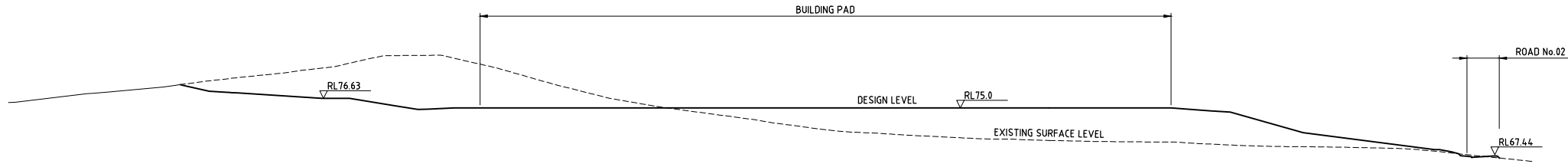
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Canberra
Brisbane
Melbourne
Singapore

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BY: **TOBY TAMES**
BE (Hons) GradDipMgt CPESC CPEng MIEAust.
Business Unit Manager
SIGN:
DATE:

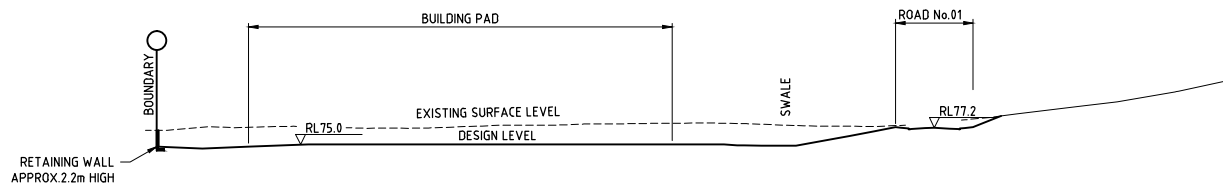
Client:
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Project:
LOT A BURLEY ROAD, HORSLEY PARK EMPLOYMENT PRECINCT
CIVIL ENGINEERING WORKS FOR DEVELOPMENT APPLICATION

Drawing:
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Drawn by: A.Mc
Design by: M.N.
Project No: X10135
Drawing No: 202
Revision: 06
Scale(A1): AS NOTED

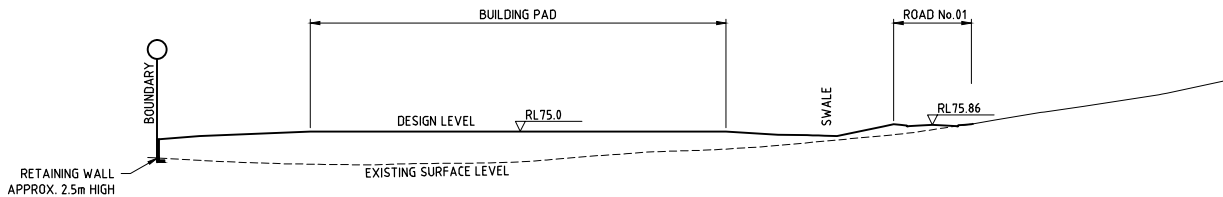
DEVELOPMENT APPLICATION



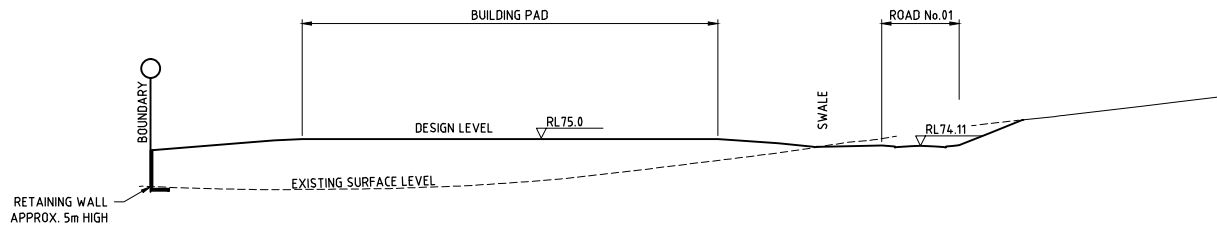
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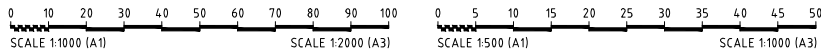
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SECTION 3
Scale: 1:1000(H) 1:500(V)



SECTION 4
Scale: 1:1000(H) 1:500(V)



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05	6/06/2012	AMENDMENTS TO SUIT CLIENT COMMENTS	MP	CB	TT
06	27/07/2012	ROAD 01-ROAD 02 INTERSECTION AMENDED	MP	CB	

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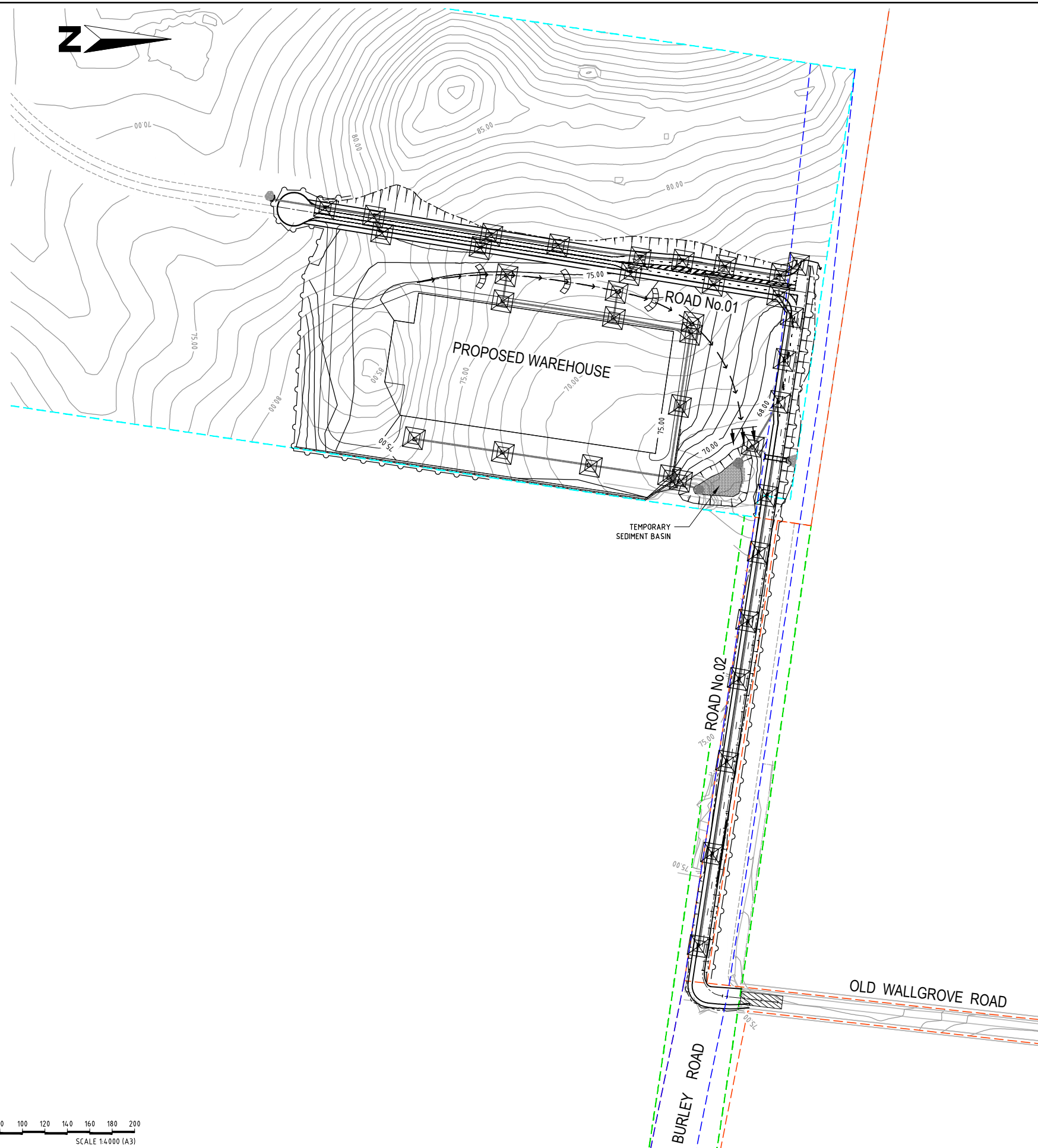
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Business Unit Manager
SIGN:
DATE:








Client:
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Project:
LOT A BURLEY ROAD, HORSLEY PARK EMPLOYMENT PRECINCT
CIVIL ENGINEERING WORKS FOR DEVELOPMENT APPLICATION

Drawing:
SITE REGRADING SECTIONS
Drawn by: A.Mc
Design by: M.N.
Project No: **X10135**
Drawing No: **301**
Revision: **06**
Scale(A1):
1:1000 (H)
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DEVELOPMENT APPLICATION

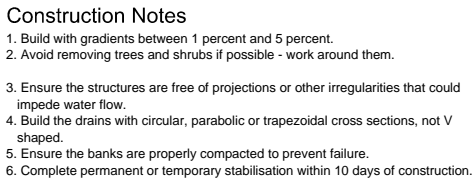


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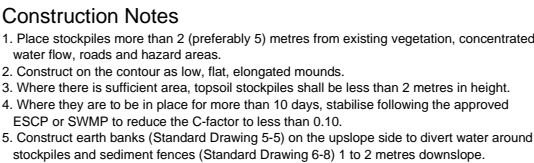
	SEDIMENT TRAPS
	SEDIMENT FENCE
	STABILISED SITE ACCESS
	CATCH DRAIN/ DIVERSION BANK
	INLET PROTECTION
	LEVEL SPREADER
	HAY BALES

SEDIMENT & EROSION CONTROL PLAN

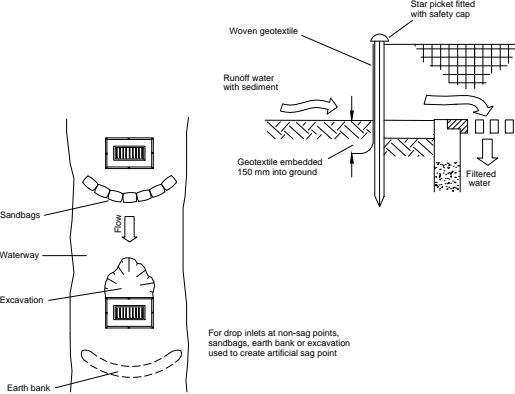
26. THE LOG BOOK SHALL BE MAINTAINED ON A WEEKLY BASIS AND BE MADE AVAILABLE TO ANY AUTHORISED PERSON UPON REQUEST. THE ORIGINAL LOG BOOK SHALL BE ISSUED TO THE PROJECT MANAGER AT THE COMPLETION OF WORKS
27. A SELF-AUDITED PROGRAM SHOULD BE ESTABLISHED BASED ON A CHECK SHEET DEVELOPED FOR THE SITE. A SITE INSPECTION USING THE CHECK SHEET SHOULD BE MADE BY THE SITE MANAGER AT LEAST WEEKLY, IMMEDIATELY BEFORE SITE CLOSURE AND IMMEDIATELY FOLLOWING RAINFALL EVENTS THAT CAUSE RUNOFF.
28. UNDERTAKE THE SELF AUDIT BY:
 - a) WALKING AROUND THE SITE SYSTEMATICALLY (E.G. CLOCKWISE)
 - b) RECORDING THE CONDITION OF EVERY BEST MANAGEMENT PRACTISE EMPLOYED
 - c) RECORDING MAINTENANCE REQUIREMENTS (IF ANY) FOR EACH BEST MANAGEMENT PRACTISE
 - d) RECORDING THE VOLUMES OF SEDIMENT REMOVED FROM THE SEDIMENT
 - e) RETENTION SYSTEMS WHERE APPLICABLE
 - f) RECORDING THE SITE WHERE SEDIMENT IS DISPOSED
 - g) FORWARDING A SIGNED DUPLICATE OF THE COMPLETED CHECK SHEET TO THE PROJECT MANAGER/DEVELOPER/SITE OPERATOR FOR THEIR INFORMATION
29. IN PARTICULAR, INSPECT:
 - a) LOCATIONS WHERE VEHICLES ENTER AND LEAVE THE SITE
 - b) INSTALLED EROSION AND SEDIMENT CONTROL MEASURES, ENSURING THEY ARE OPERATING CORRECTLY
 - c) AREAS THAT MIGHT SHOW WHETHER SEDIMENT OR OTHER POLLUTANTS ARE LEAVING THE SITE OR HAVE POTENTIAL TO DO SO
 - d) ALL DISCHARGE POINTS, TO ASSESS WHETHER THE EROSION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING IMPACTS TO THE RECEIVING WATERS
30. A SITE INSPECTION USING THE CHECK SHEET WILL BE MADE BY THE SITE MANAGER AT LEAST WEEKLY, IMMEDIATELY BEFORE SITE CLOSURE, AND IMMEDIATELY FOLLOWING RAINFALL EVENTS GREATER THAN 5mm in 24 HOURS.



SD 5-5

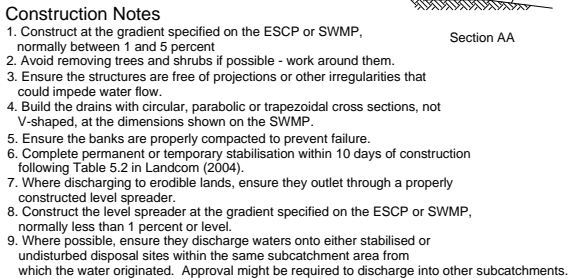


SD 4-1

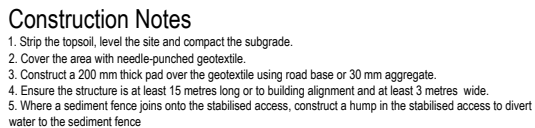


1. Fabricate a sediment barrier made from geotextile or straw bales.
2. Follow Standard Drawing 6-7 and Standard Drawing 6-8 for installation procedures for the straw bales or geobac. Reduce the picket spacing to 1 metre centres.
3. In waterways, artificial sag points can be created with sandbags or earth banks as shown in the drawing.
4. Do not cover the inlet with geotextile unless the design is adequate to allow for all waters to bypass it.

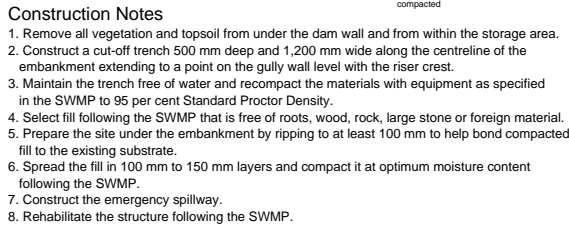
SD 6-12



SD 5-6



SD 6-14



(APPLIES TO 'TYPE D' AND 'TYPE F' SOILS ONLY)

SD 6-4

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BY:	TOBY TAMES BE (Hons) GradDipMgt CPESC CPEng MIEAust. Business Unit Manager
SIGN:	
DATE:	

Client

Project

1

BURLEY ROAD, HORSLEY PARK EMPLOYMENT PRECINCT
CIVIL ENGINEERING WORKS FOR DEVELOPMENT APPLICATION

Drawing:

SEDIMENT & EROSION CONTROL STANDARD NOTES AND DETAILS

Drawn by:

M

Project No: X10135

Drawing No.
402

1);

OF

DEVELOPMENT APPLICATION