

Client	<b>BREEN PROPERTY PTY LTD</b>	
	SHEARWATER LANDING PROPOSED SUBDIVISION BATE BAY ROAD, GREENHILLS BEACH	State NSW
	STAGE 1 & 2 GENERAL ARRANGEMENT PLAN SHEET 2 OF 3	Date 8.
		Draw 1

Status			
<b>NOT FOR CONSTRUCTION</b>			
Date	Datum	Scale	Size
8/02/2012	AHD	1:500	A1
Drawing Number			Revision
600201-3012			6

6	8/03/2013	FOR APPROVAL		DH	GN
5	21/09/2012	FOR APPROVAL		DH	GN
4	2/08/2012	FOR APPROVAL		DH	GN
3	28/05/2012	FOR APPROVAL		DH	GN
2	12/04/2012	PFE DA ISSUE		DH	GN
1	28/02/2012	CLIENT REVIEW		DH	DNA
Rev	Date	JRPP (Sydney Fire Region) Business Plan Doc.			



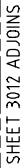
© Cardno Ltd 2011  
All Rights Reserved.

This document is produced by Cardno Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



Drawn	Date
DH	8/02/2012
Checked	Date
GN	8/02/2012
Designed	Date
GN	8/02/2012
Verified	Date
Approved	Date



[illegible]

© Cardno Ltd 2011  
All Rights Reserved.

This document is produced by Cardno Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



Drawn	Date
DH	8/02/2012
Checked	Date
GN	8/02/2012
Designed	Date
GN	8/02/2012
Verified	Date
Approved	Date

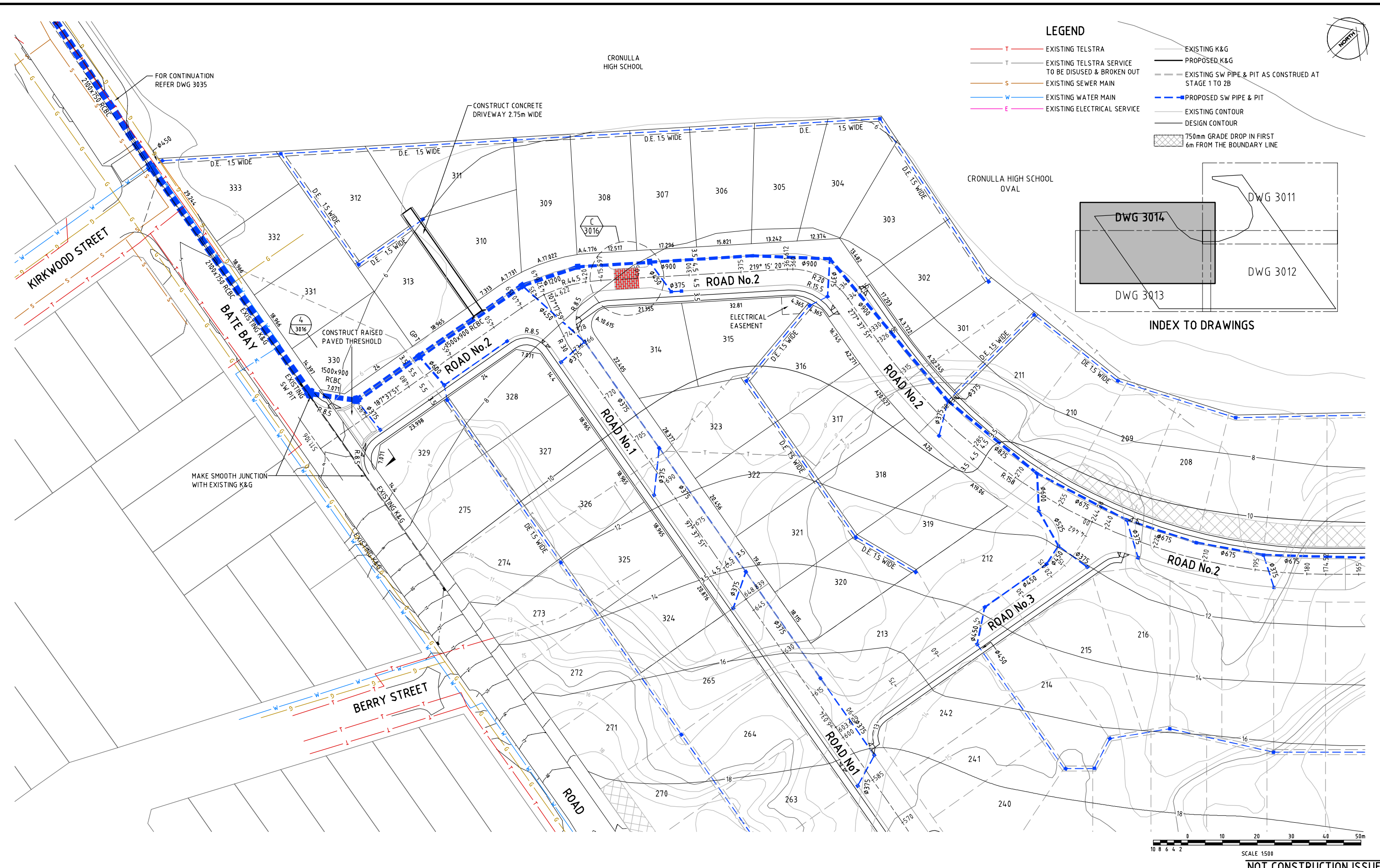
Client	GREEN PROPERTY PTY LTD		S
2	SHEARWATER LANDING		N
2	PROPOSED SUBDIVISION		D
	BATE BAY ROAD, GREENHILLS BEACH		D
	STAGE 1 & 2		
	GENERAL ARRANGEMENT PLAN SHEET 3 OF 3		

Status			
NOT FOR CONSTRUCTION			
Date	Datum	Scale	Size
8/02/2012	AHD	1:500	A1
Drawing Number			Revision
600201-3013			7

DATE PLOTTED: 8 March 2013 3:42 PM BY: DAVID HANNA (SYDNEY)

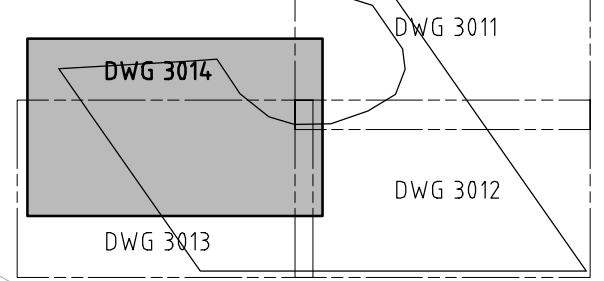
XREF: X-URB-AT-SHT: X-SYD-AT-Logo: X-Of Layout: X-Cadastral Adjoining: X-Existing Contours: X-Contours Design: X-Service

CAD FILE: \\Urban\6000 - 6099\600201 - Kurnell Peninsula\3 Drafting\Drawings\DA3\Drawings\600201-30146.dwg

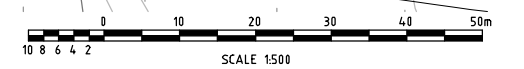


LEGEND

- T EXISTING TELSTRA
- T EXISTING TELSTRA SERVICE TO BE DISUSED & BROKEN OUT
- S EXISTING SEWER MAIN
- W EXISTING WATER MAIN
- E EXISTING ELECTRICAL SERVICE
- EXISTING K&G
- PROPOSED K&G
- EXISTING SW PIPE & PIT AS CONSTRUCTED AT STAGE 1 TO 2B
- PROPOSED SW PIPE & PIT
- EXISTING CONTOUR
- DESIGN CONTOUR
- 750mm GRADE DROP IN FIRST 6m FROM THE BOUNDARY LINE



INDEX TO DRAWINGS



NOT CONSTRUCTION ISSUE

6	8/03/2013	FOR APPROVAL	DH	GN
5	21/09/2012	FOR APPROVAL	DH	GN
4	2/08/2012	FOR APPROVAL	DH	GN
3	28/05/2012	FOR APPROVAL	DH	GN
2	12/04/2012	PRE DA ISSUE	DH	GN
1	28/02/2012	CLIENT REVIEW	DH	DNA
Rev	Date	Client Review		



© Cardno Ltd 2011  
All Rights Reserved.  
This document is produced by Cardno Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

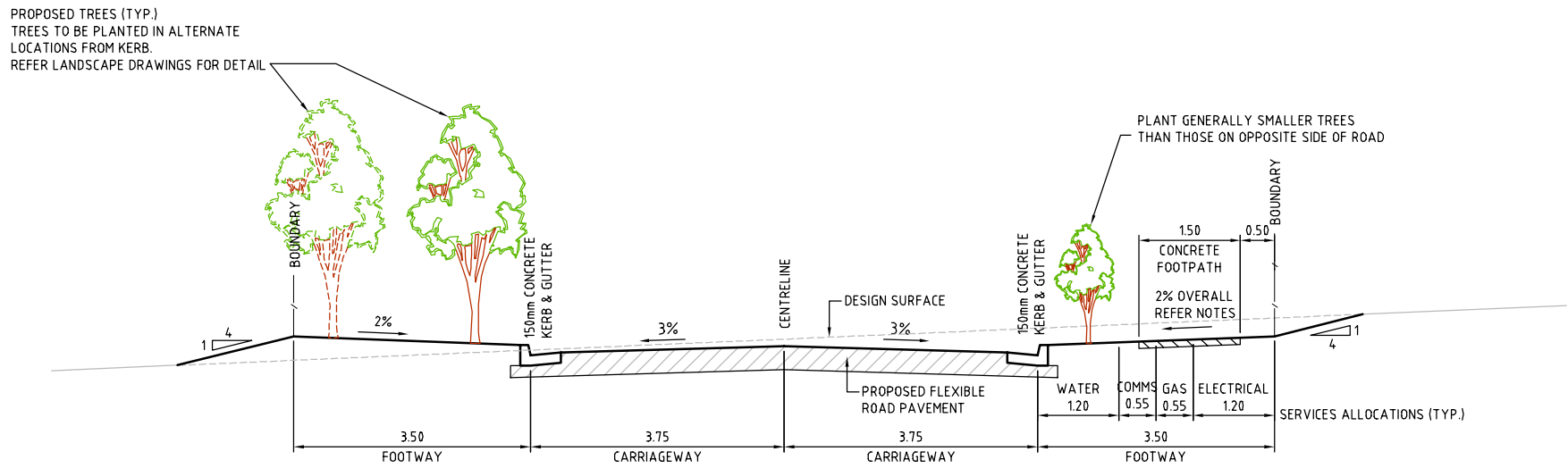


Drawn	DH	Date	8/02/2012
Checked	GN	Date	8/02/2012
Designed	GN	Date	8/02/2012
Verified		Date	
Approved		Date	

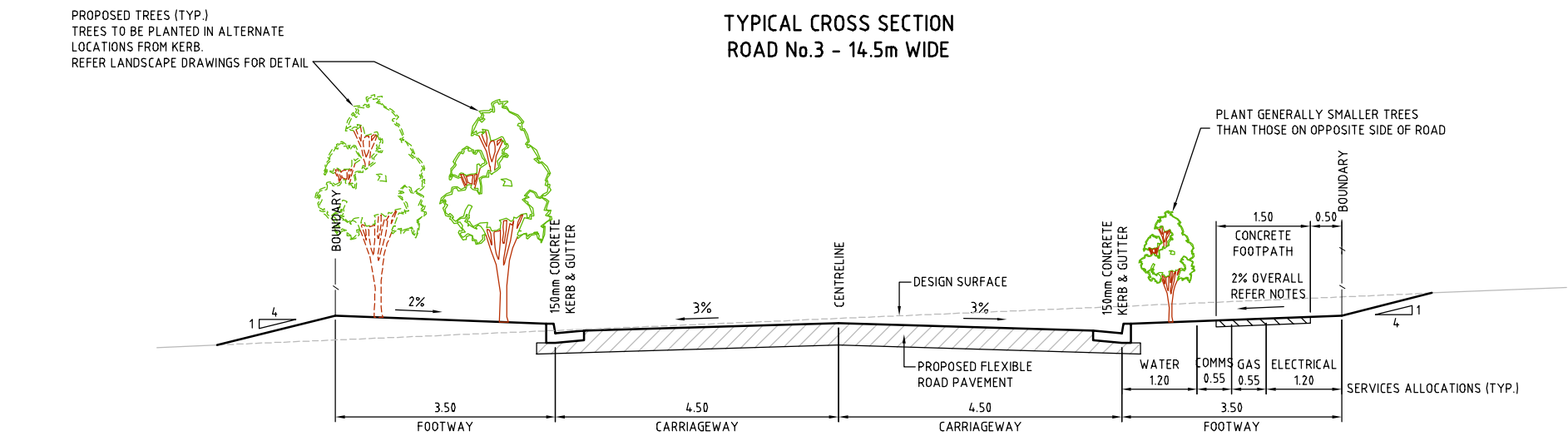
Client **BREEN PROPERTY PTY LTD**  
SHEARWATER LANDING  
PROPOSED SUBDIVISION  
BATE BAY ROAD, GREENHILLS BEACH  
STAGE 2C  
GENERAL ARRANGEMENT PLAN SHEET 1 OF 1

NOT FOR CONSTRUCTION			
Date	Datum	Scale	Size
8/02/2012	AHD	1:500	A1
Drawing Number			Revision
600201-3014			6

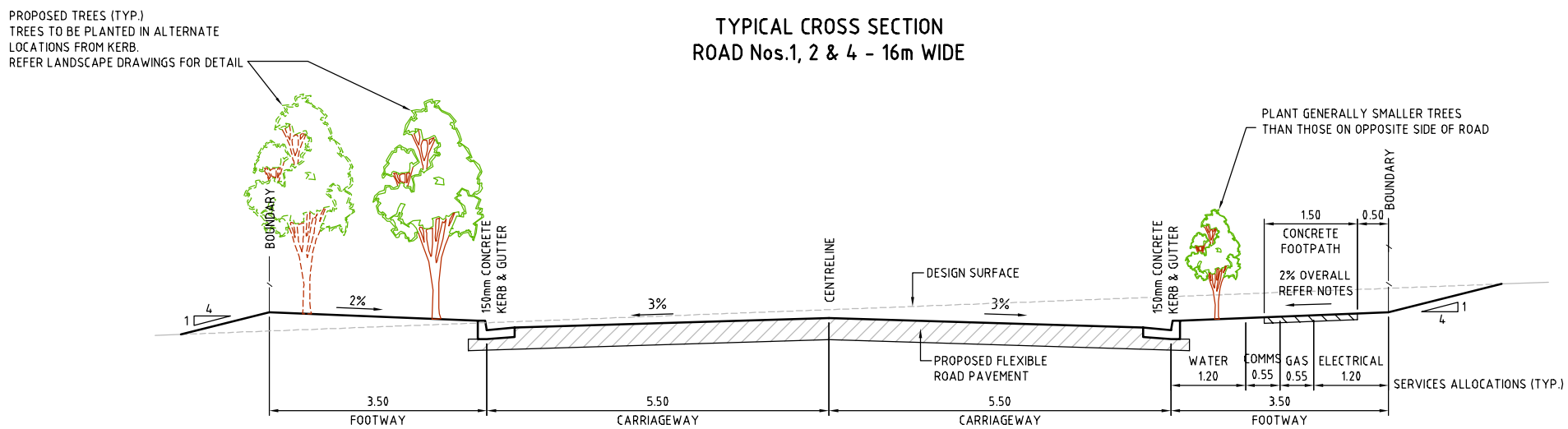




TYPICAL CROSS SECTION  
ROAD No.3 - 14.5m WIDE

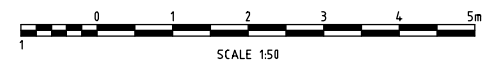


TYPICAL CROSS SECTION  
ROAD Nos.1, 2 & 4 - 16m WIDE



TYPICAL CROSS SECTION  
ROAD Nos.1 & 2 - 18m WIDE

- NOTES
1. THE DESIGN SURFACE NOTED HEREON RELATES TO A LEVEL AT THE TOP OF THE CAPPING LAYER WHICH IS 2m ABOVE THE BULK EARTHWORKS LEVEL. REFER DWG 3065 & 3066 FOR SECTIONS
  2. CONSTRUCT VERGE (BACK OF KERB TO BOUNDARY) AT 2% FALL OVERALL
  3. CONSTRUCT FOOTPATH WITH 2% CROSS FALL UNLESS NOTED OTHERWISE



NOT CONSTRUCTION ISSUE

4	2/08/2012	FOR APPROVAL	DH	GN
3	28/05/2012	FOR APPROVAL	DH	GN
2	12/04/2012	PRE DA ISSUE	DH	GN
1	28/02/2012	CLIENT REVIEW	DH	DNA
Rev	Date	By	Appr	Appr



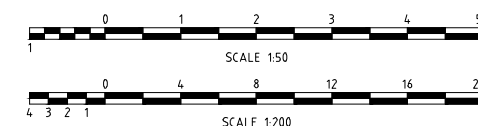
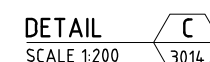
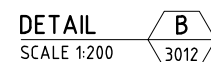
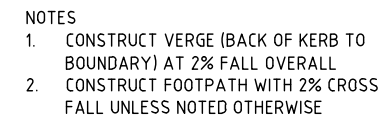
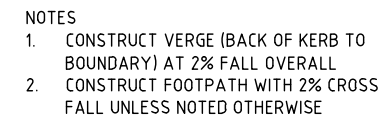
© Cardno Ltd 2011  
All Rights Reserved.  
This document is produced by Cardno Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



Drawn	DH	Date	8/02/2012
Checked	GN	Date	8/02/2012
Designed	GN	Date	8/02/2012
Verified		Date	
Approved		Date	

Client	BREEN PROPERTY PTY LTD
	SHEARWATER LANDING PROPOSED SUBDIVISION BATE BAY ROAD, GREENHILLS BEACH
TYPICAL CROSS SECTIONS - SHEET 1 of 2	

Status	NOT FOR CONSTRUCTION			
Date	8/02/2012	Datum	AHD	Scale
				1:50
Drawing Number	600201-3015			Size
				A1
				Revision
				4



NOT CONSTRUCTION ISSUE

5	21/09/2012	FOR APPROVAL				DH	GN		
4	2/08/2012	FOR APPROVAL				DH	GN		
3	28/05/2012	FOR APPROVAL				DH	GN		
2	12/04/2012	PRI DA ISSUE				DH	GN		
1	28/02/2012	CLIENT REVIEW				DH	DNA		
Rev	Date	JRPP (Sydney East Region) Business Plan							



© Cardno Ltd 2011  
All Rights Reserved.

This document is produced by Cardno Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document

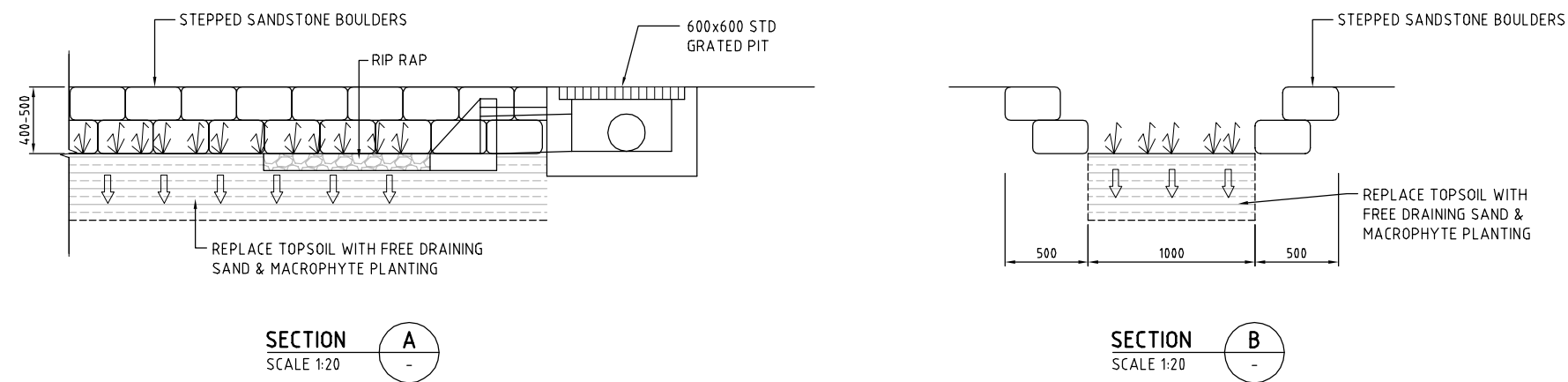
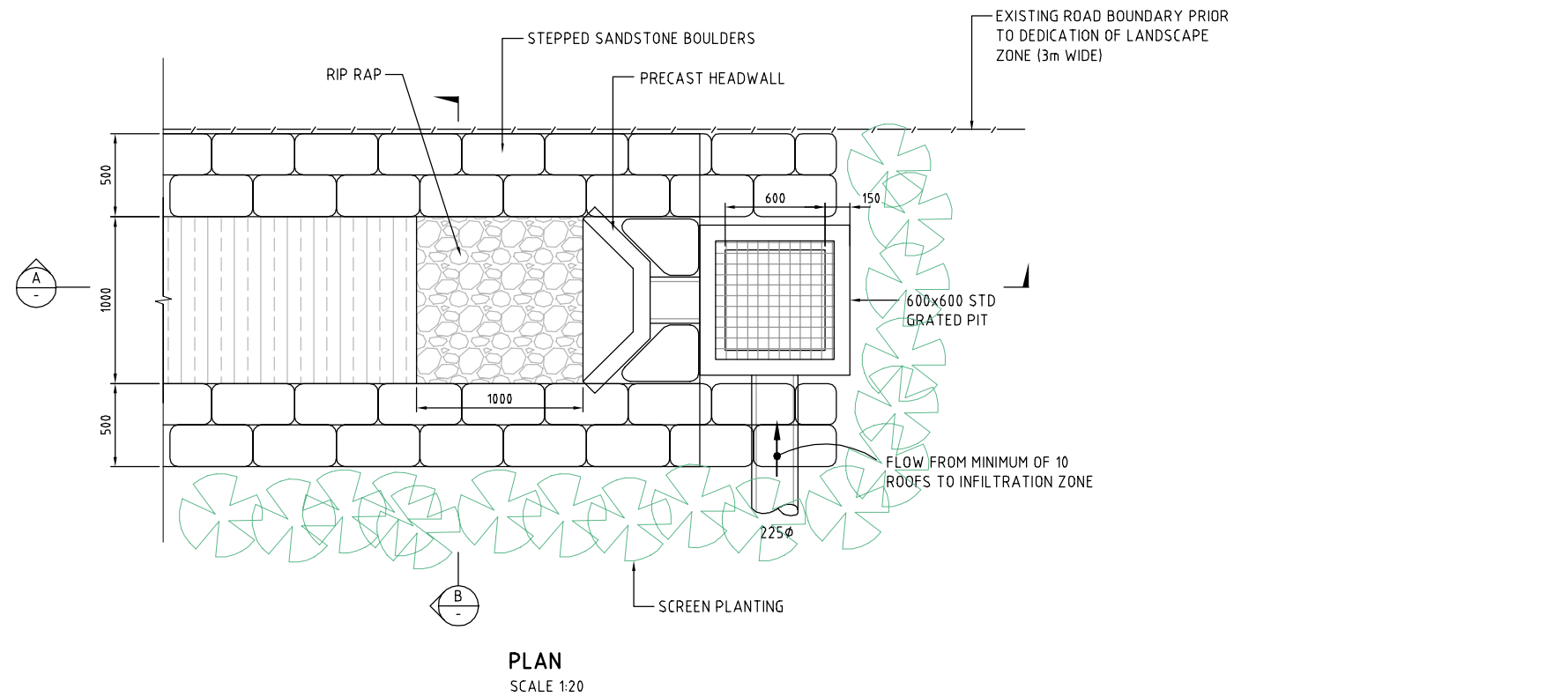


Drawn	Date
DH	8/02/2011
Checked	Date
GN	8/02/2011
Designed	Date
GN	8/02/2011
Verified	Date
Approved	Date

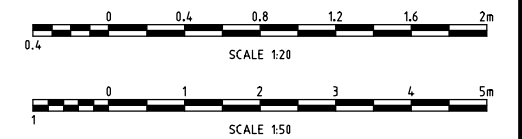
2 SHEARWATER LANDING  
2 PROPOSED SUBDIVISION  
BATE BAY ROAD, GREENHILLS BEACH

TYPICAL CROSS SECTIONS - SHEET 2 of 2

Status			
NOT FOR CONSTRUCTION			
Date	Datum	Scale	Size
8/02/2012	AHD	1:50	A1
Drawing Number			Revision
600201-3016			5



DETAIL - PASSIVE AQUIFER RECHARGE



NOT CONSTRUCTION ISSUE

Rev	Date	Description	By	Check
4	2/08/2012	FOR APPROVAL	DH	GN
3	28/05/2012	FOR APPROVAL	DH	GN
2	12/04/2012	PRE DA ISSUE	DH	GN
1	28/02/2012	CLIENT REVIEW	DH	DNA



© Cardno Ltd 2011  
All Rights Reserved.  
This document is produced by Cardno Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



Drawn	DH	Date	8/02/2012
Checked	GN	Date	8/02/2012
Designed	GN	Date	8/02/2012
Verified		Date	
Approved		Date	

Client: **BREEN PROPERTY PTY LTD**  
SHEARWATER LANDING  
PROPOSED SUBDIVISION  
BATE BAY ROAD, GREENHILLS BEACH  
DETAILS SHEET

NOT FOR CONSTRUCTION			
Date	Datum	Scale	Size
8/02/2012	AHD	1:50	A1
Drawing Number			Revision
600201-3017			4

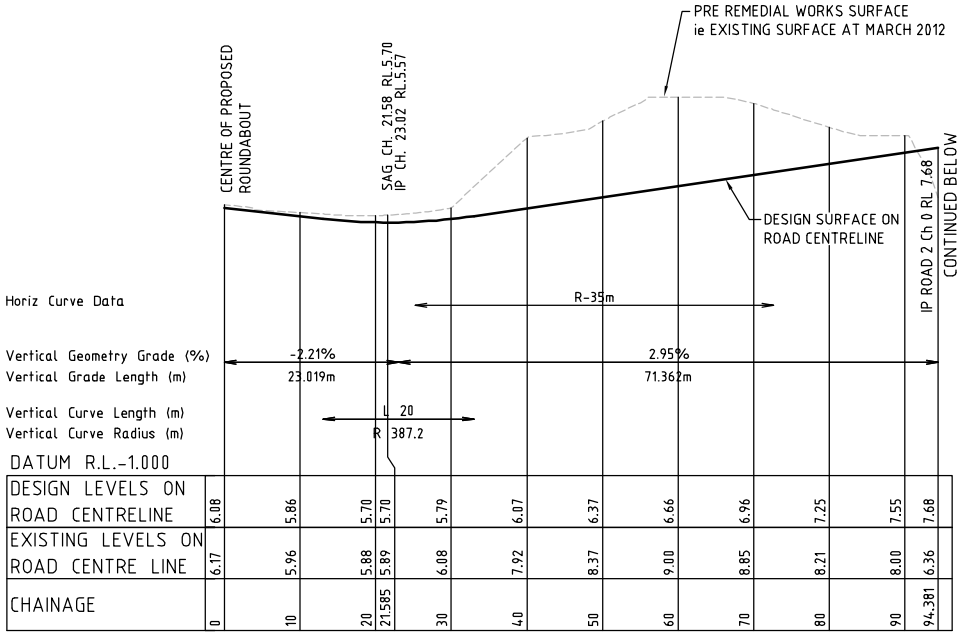
DATE PLOTTED: 28 May 2012 3:40 PM BY : DAVID HANNA (SYDNEY)

XREF's: X-GRP-A1-SHT: X-SYD-A1-Logo: X-Longitudinal Sections  
CAD FILE: \\Urban\6000 - 6099\600201 - Kurnell Peninsula\3 Drafting\Drawings\DA3\600201-3020\3.dwg

Rev Date Description  
3 28/05/2012 FOR APPROVAL  
2 12/04/2012 PRE DA ISSUE  
1 28/02/2012 CLIENT REVIEW

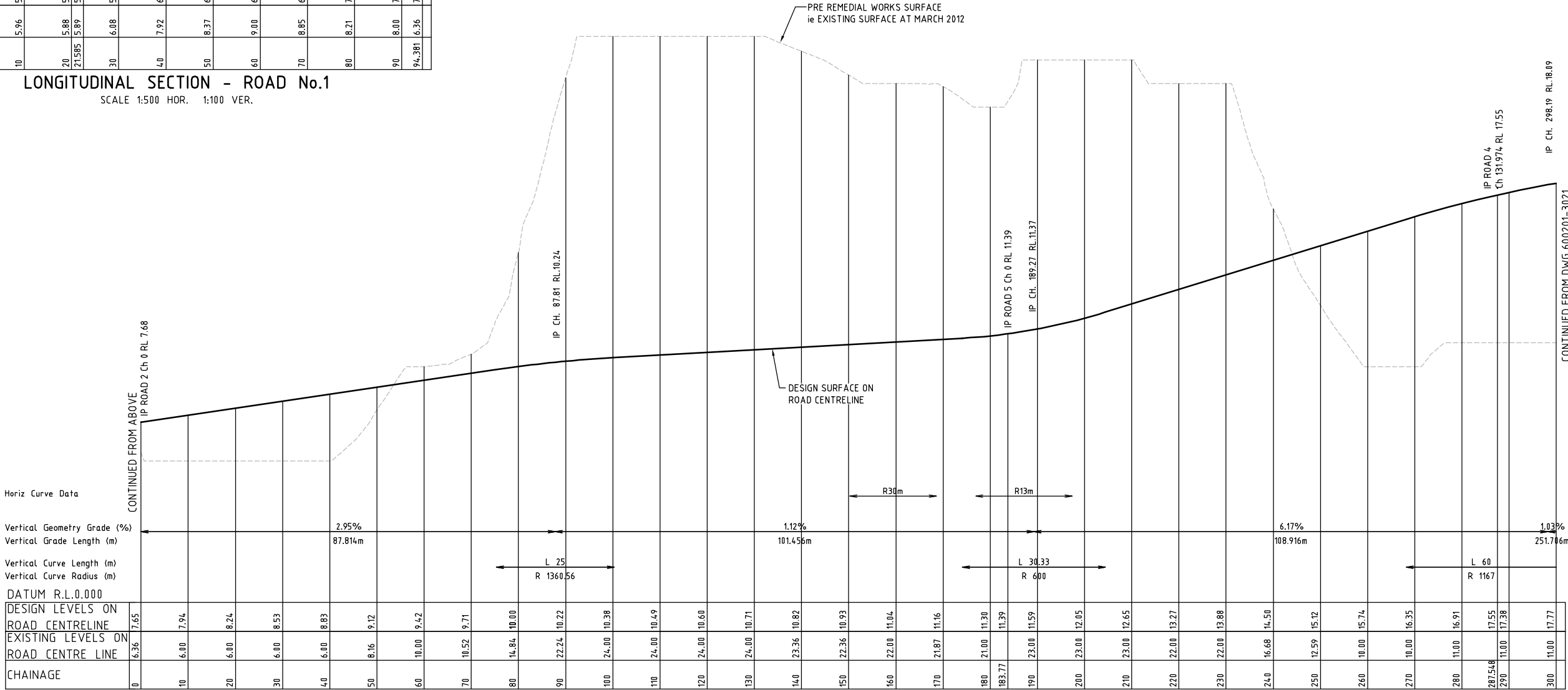
Rev Date Description  
3 28/05/2012 FOR APPROVAL  
2 12/04/2012 PRE DA ISSUE  
1 28/02/2012 CLIENT REVIEW

Rev Date Description  
3 28/05/2012 FOR APPROVAL  
2 12/04/2012 PRE DA ISSUE  
1 28/02/2012 CLIENT REVIEW



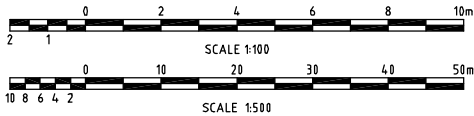
LONGITUDINAL SECTION - ROAD No.1

SCALE 1:500 HOR. 1:100 VER.



LONGITUDINAL SECTION - ROAD No.1

SCALE 1:500 HOR. 1:100 VER.



NOT CONSTRUCTION ISSUE

3	28/05/2012	FOR APPROVAL	DH	GN
2	12/04/2012	PRE DA ISSUE	DH	GN
1	28/02/2012	CLIENT REVIEW	DH	DNA



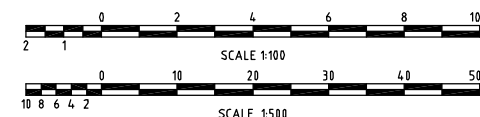
© Cardno Ltd 2011  
All Rights Reserved.  
This document is produced by Cardno Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



Drawn	DH	Date	8/02/2012
Checked	GN	Date	8/02/2012
Designed	GN	Date	8/02/2012
Verified		Date	
Approved		Date	

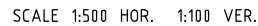
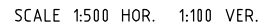
Client	BREEN PROPERTY PTY LTD
	SHEARWATER LANDING PROPOSED SUBDIVISION BATE BAY ROAD, GREENHILLS BEACH
	LONGITUDINAL SECTIONS - ROAD 1 SHEET 1 OF 2

Status	NOT FOR CONSTRUCTION
Date	8/02/2012
Datum	AHD
Scale	1:500
Size	A1
Drawing Number	600201-3020
Revision	3

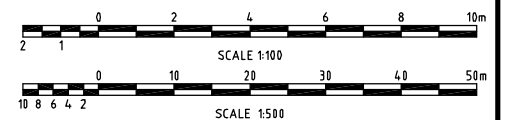


Drawn DH	Date 8/02/2012	Client <b>BREEN PROPERTY PTY LTD</b>	SHEARWATER LANDING PROPOSED SUBDIVISION BATE BAY ROAD, GREENHILLS BEACH	Status <b>NOT FOR CONSTRUCTION</b>
Checked GN	Date 8/02/2012			
Designed GN	Date 8/02/2012			
Verified	Date			
Approved	Date			
LONGITUDINAL SECTIONS - ROAD 1 SHEET 2 OF 2		Date 8/02/2012    Datum AHD    Scale 1:500    Size A1  Drawing Number <b>600201-3021</b> Revision <b>3</b>		





Status			
<b>NOT FOR CONSTRUCTION</b>			
Date	Datum	Scale	Size
8/02/2012	AHD	1:500	A1
Drawing Number			Revision
600201-3022			3



**NOT CONSTRUCTION ISSUE**

3	28/05/2012	FOR APPROVAL			DH	GN	
2	12/04/2012	PRI DA ISSUE			DH	GN	
1	28/02/2012	CLIENT REVIEW			DH	DNA	
Rev	Date	JRPP (Sydney East Region) Business Plan pr.					



© Cardno Ltd 2011  
All Rights Reserved.

THIS document is produced by Cardno Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.



ABN: 95 001 145 035  
Level 9, The Forum, 203 Pacific Highway  
St Leonards NSW Australia 2065  
Phone +61 21 9496 7700 Fax +61 21 9439 5170  
Email: Sydney@cardno.com.au Web: www.cardno.com.au



Drawn	Date
DH	8/02/2012
Checked	Date
GN	8/02/2012
Designed	Date
GN	8/02/2012
Verified	Date
Approved	Date

Client	<b>GREEN PROPERTY PTY LTD</b>		Sta	<b>N</b>
2	SHEARWATER LANDING		Sta	<b>N</b>
2	PROPOSED SUBDIVISION		Date	<b>8</b>
	BATE BAY ROAD, GREENHILLS BEACH		Dra	
	LONGITUDINAL SECTIONS - ROADS 3, 4 & 5			

Status			
NOT FOR CONSTRUCTION			
Date	Datum	Scale	Size
8/02/2012	AHD	1:500	A1
Drawing Number:			Revision
600201-3023			3