

- LEGEND**
- 26.0 --- FINISHED SURFACE CONTOURS
 - LAYBACK KERB
 - UKG --- UPRIGHT KERB AND GUTTER (ROAD 1 ONLY)
 - STORMWATER DRAINAGE (Ø375 U.N.O)
 - RWD --- ROOFWATER DRAINAGE
 - E --- ELECTRICAL RETICULATION
 - S --- SEWERAGE RETICULATION
 - W --- WATER RETICULATION
 - C --- WATER CONDUIT CROSSINGS
 - PHASE BOUNDARIES
 - 1 D --- REFER STORMWATER LONG SECTIONS CD006-CD0014
 - SWALE

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD
SIGNED *[Signature]* DATE 13/01/13

WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

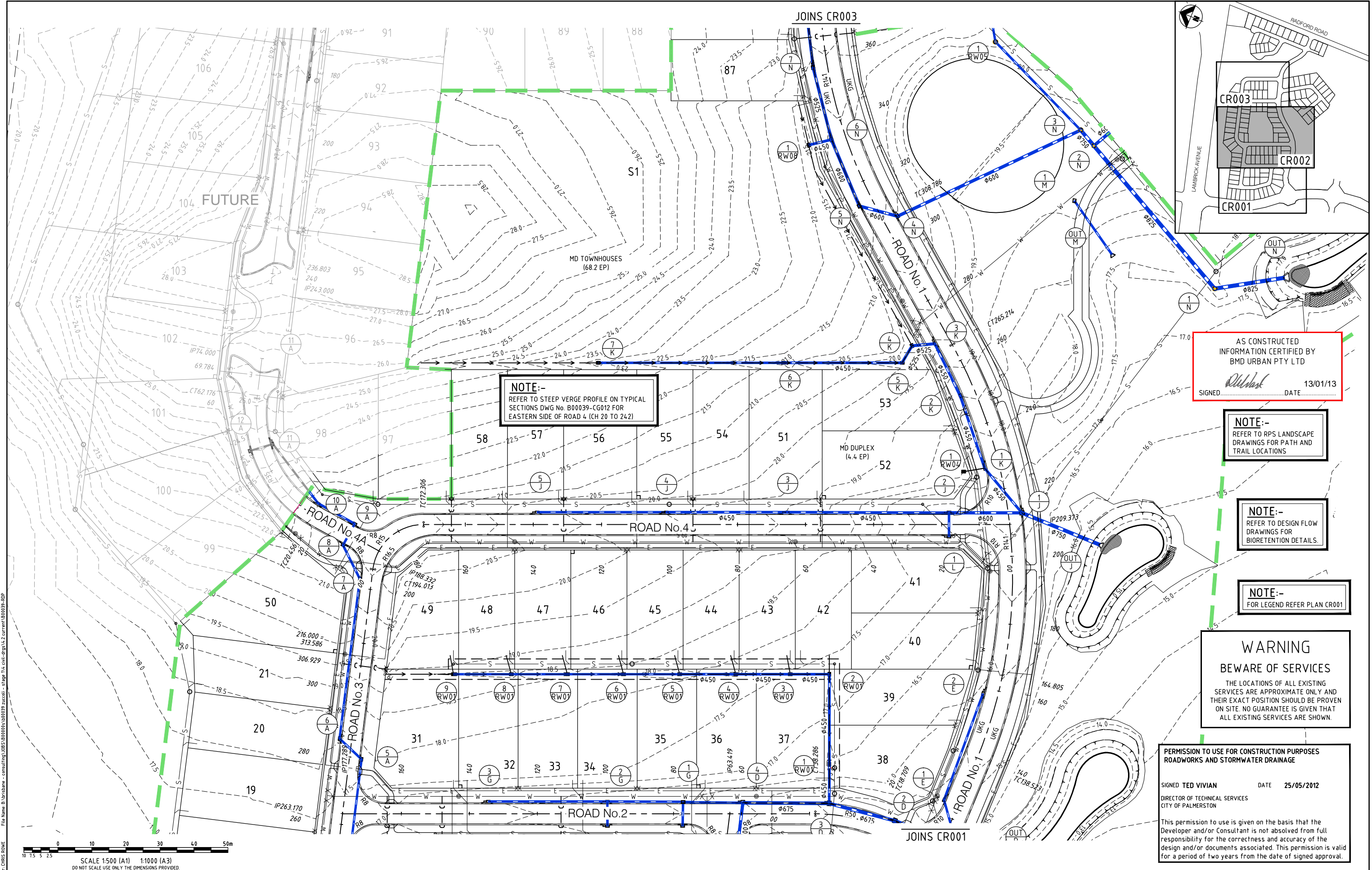
**PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE**
SIGNED TED VIVIAN DATE 25/05/2012
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON
This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.

3	AS CONSTRUCTED	CR	PDW	PI		14/01/13
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI		25/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB	02/04/12
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No. Date

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011



Client	LAND DEVELOPMENT CORPORATION/URBEX	Datum	AHD
Project	ZUCCOLI - PHASE 1.1	PSM	RL
Title	ROADWORKS AND DRAINAGE LAYOUT SHEET 1 OF 3	(MGA) COORD	
		AS CONSTRUCTED	
		Project No.	000039-CR001
		Drawing No.	3



NOTE:-
REFER TO STEEP VERGE PROFILE ON TYPICAL SECTIONS DWG No. B00039-CG012 FOR EASTERN SIDE OF ROAD 4 (CH 20 TO 242)

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD
SIGNED *[Signature]* DATE 13/01/13

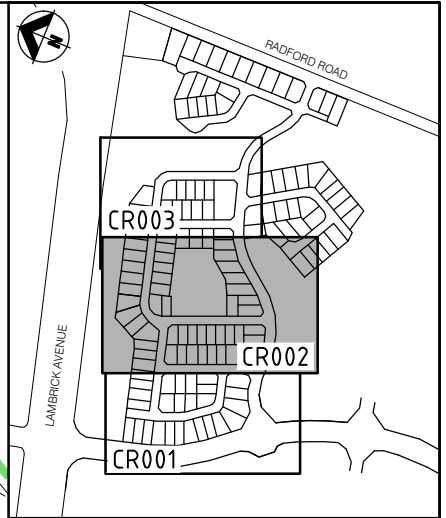
NOTE:-
REFER TO RPS LANDSCAPE DRAWINGS FOR PATH AND TRAIL LOCATIONS

NOTE:-
REFER TO DESIGN FLOW DRAWINGS FOR BIORETENTION DETAILS.

NOTE:-
FOR LEGEND REFER PLAN CR001

WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE
SIGNED TED VIVIAN DATE 25/05/2012
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON
This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.



3	AS CONSTRUCTED	CR	PDW	PI		14/01/13
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI		17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB	02/04/12
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No. Date

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011

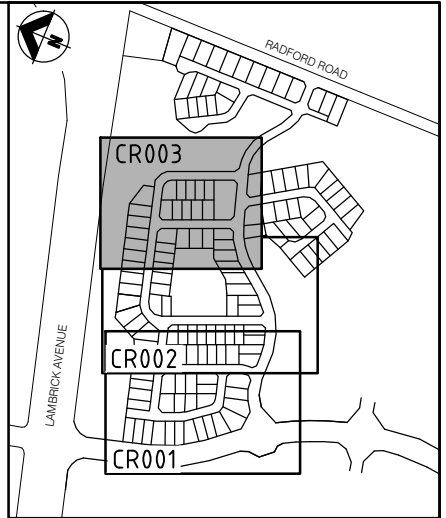
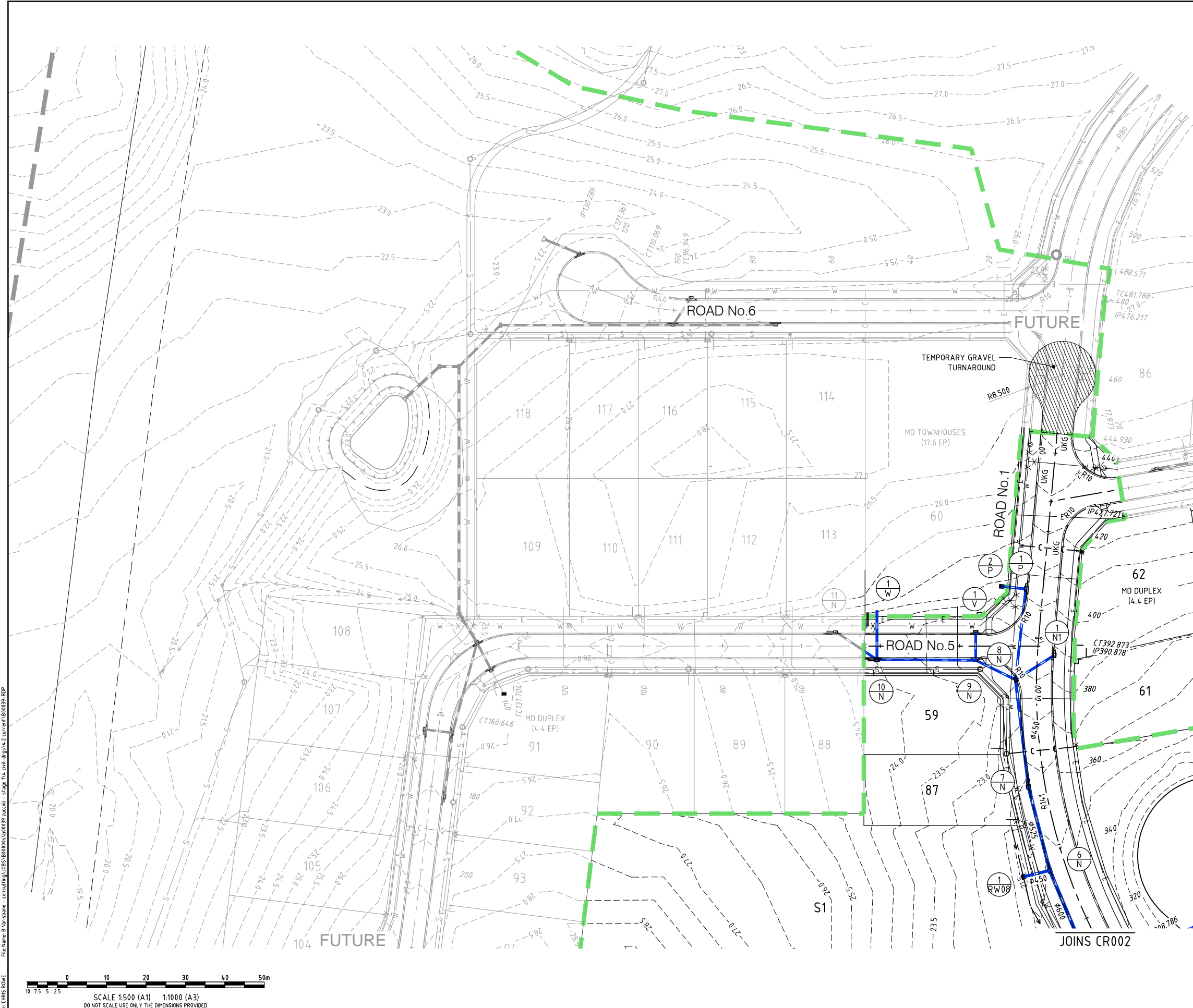
LAND DEVELOPMENT CORPORATION

BMD consulting

25 Cambridge Parade, Murrumbidgee NSW 2570
P: 02 9399 7000 F: 02 9399 4000
E: info@bmdconsulting.com.au
www.bmdconsulting.com.au
ABN 28 939 740 002

Civil Engineers • Structural Engineers • Project Managers • Water Services Co-ordinators
Brisbane • Cairns • Canberra • Gold Coast • Mackay • Sydney • Townsville

Client	LAND DEVELOPMENT CORPORATION/URBEX		Datum	AHD
Project	ZUCCOLI - PHASE 1.1		AHD	PSM
Title	ROADWORKS AND DRAINAGE LAYOUT		RL	COORD
	SHEET 2 OF 3		AS CONSTRUCTED	
	Project No.	Drawing No.		
	B00039-CR002	3		



- LEGEND**
- 26.0 --- FINISHED SURFACE CONTOURS
 - LAYBACK KERB
 - UKG --- UPRIGHT KERB AND GUTTER (ROAD 1 ONLY)
 - STORMWATER DRAINAGE (Ø375 U.N.O)
 - RWD --- RWD --- ROOFWATER DRAINAGE
 - E --- ELECTRICAL RETICULATION
 - S --- SEWERAGE RETICULATION
 - W --- WATER RETICULATION
 - C --- C --- WATER CONDUIT CROSSINGS
 - PHASE BOUNDARIES
 - REFER STORMWATER LONG SECTIONS CD006-CD014
 - SWALE

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD
[Signature]
SIGNED.....DATE 19/01/13

WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

**PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE**

SIGNED TED VIVIAN DATE 25/05/2012
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.

3	AS CONSTRUCTED	CR	PDW	PI		14/01/13
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI		17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB	02/04/12
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No. Date

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011

LAND DEVELOPMENT CORPORATION

25 Cambridge Parade, Murrumbidgee NSW 2570
P: 02 9999 7000 F: 02 9999 4000
E: info@bmd.com.au
www.bmd.com.au

SGS

Civil Engineers • Structural Engineers • Project Managers • Water Services Co-ordinators
Brisbane • Cairns • Canberra • Gladstone • Gold Coast • Mackay • Sydney • Townsville

Client **LAND DEVELOPMENT CORPORATION/URBEX**

Project **ZUCCOLI - PHASE 1.1**

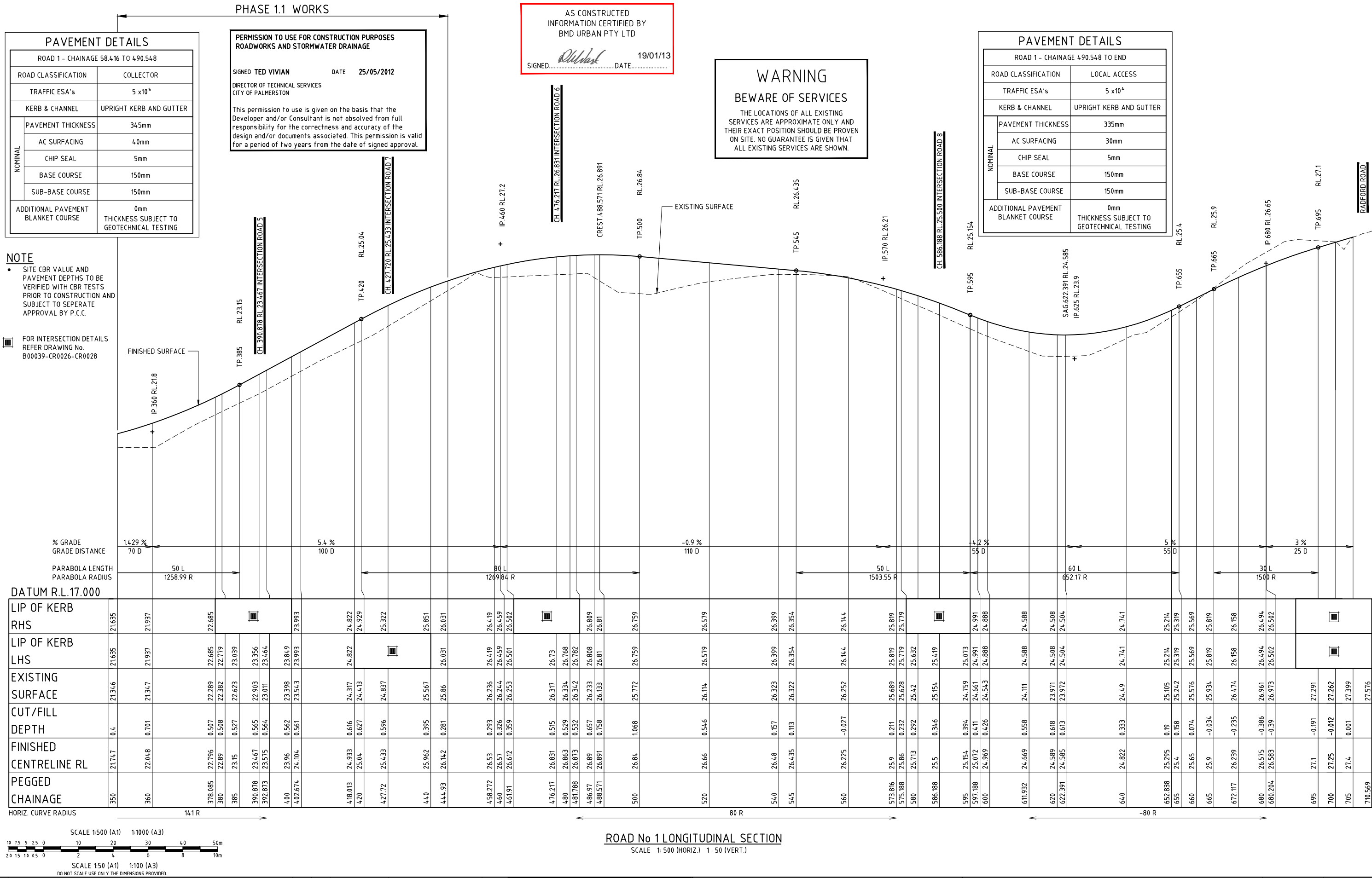
Title **ROADWORKS AND DRAINAGE LAYOUT
SHEET 3 OF 3**

Datum **AHD**
PSM
RL
(MGA) COORD

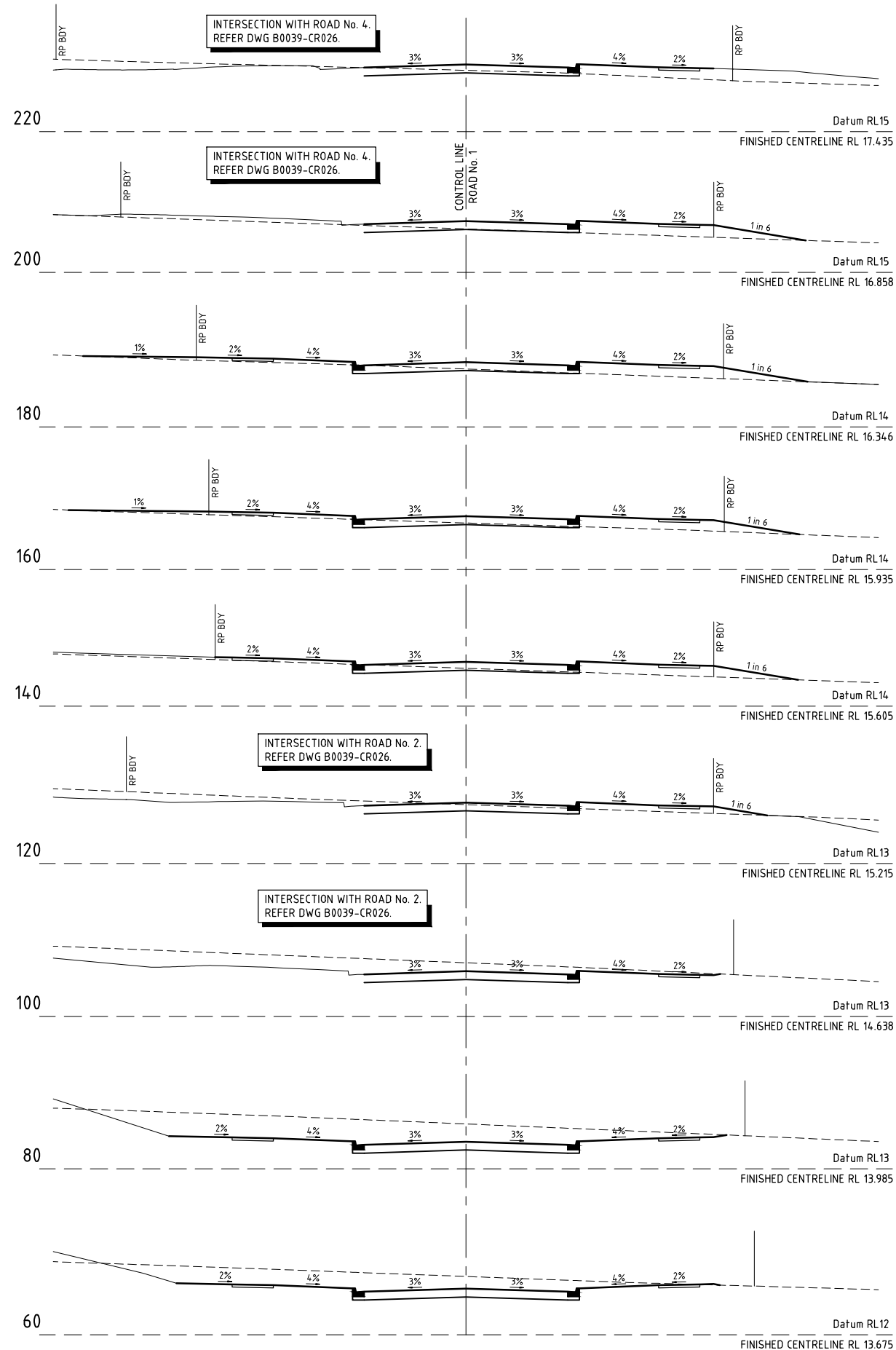
AS CONSTRUCTED

Project No. **B00039-CR003** Drawing No. **3**

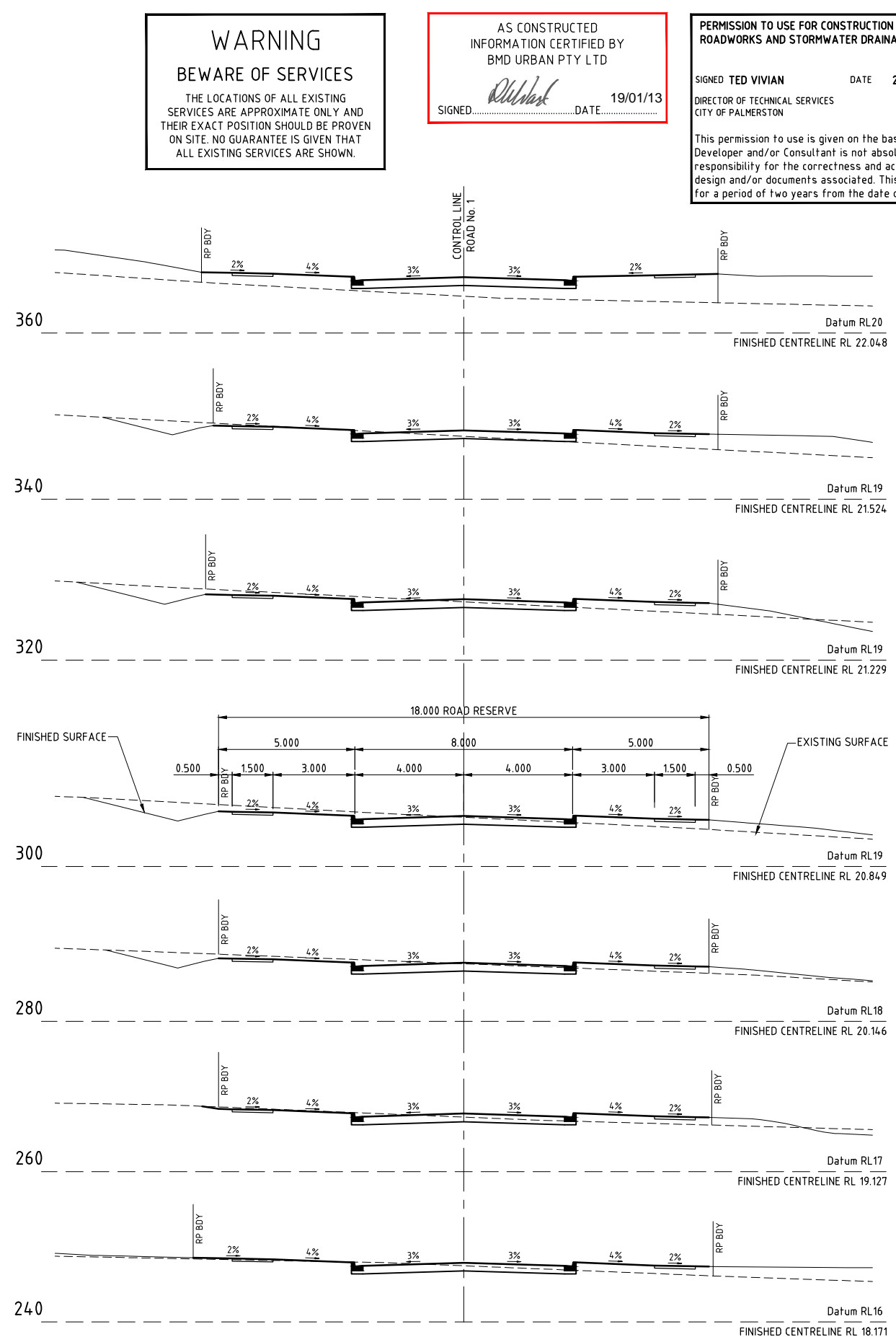
File Name: B:\urbex - consulting\J080039\J080039_P0001 - stage 1\civil.dwg\1:2 current\J080039-RLX User: CHRIS ROWE Plot Date: 15/01/2013 2:20:49 PM



File Name: B:\urbex - consulting\B00039\B00039 - stage 1\civil-dwg\1-2\urban\B00039-RLX
User: CHRIS ROWE
Plot Date: 15/01/2013 2:05:52 PM



ROAD No 1 CROSS SECTIONS
SCALE 1:100



2	AS CONSTRUCTED	CR	PDW	PI		14/01/13
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB	02/04/12
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No. Date

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011



Client	LAND DEVELOPMENT CORPORATION/URBEX	Datum	AHD
Project	ZUCCOLI - PHASE 1.1	PSM	RL
Title	ROAD NO.1 CROSS SECTIONS SHEET 1 OF 2	(MGA) COORD	AS CONSTRUCTED
Project No.	B00039-CR008	Drawing No.	2



WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING
SERVICES ARE APPROXIMATE ONLY AND
THEIR EXACT POSITION SHOULD BE PROVEN
ON SITE. NO GUARANTEE IS GIVEN THAT
ALL EXISTING SERVICES ARE SHOWN.

**PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE**

SIGNED **TED VIVIAN** DATE **25/05/2012**

DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.



SCALE 1:100

2	AS CONSTRUCTED	CR	PDW	PI		14/01/13
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB	02/04/13
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No. Date
This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011						



Civil Engineers • Structural Engineers • Project Managers • Water Service Co-ordinators
Brisbane • Cairns • Canberra • Gladstone • Gold Coast • Mackay • Sydney • Townsville

25 Cambridge Parade, Manly QLD 4178
PO Box 197 Wynnum QLD 4178
P: 07 3006 7000 F: 07 3006 4000
E: info@cambridge.com.au
www.cambridge.com.au




<i>Client</i>	LAND DEVELOPMENT CORPORATION/URBEX
<i>Project</i>	ZUCCOLI - PHASE 1.1
<i>Title</i>	ROAD NO.1 CROSS SECTIONS SHEET 2 OF 2

Datum AHD PSM . RL . (MGA) COORD	
AS CONSTRUCTED	
Project No. B00039-CR009	Drawing No. 2

NOTE

- SITE CBR VALUE AND PAVEMENT DEPTHS TO BE VERIFIED WITH CBR TESTS PRIOR TO CONSTRUCTION AND SUBJECT TO SEPERATE APPROVAL BY P.C.C.

 FOR INTERSECTION DETAILS
REFER DRAWING No.
B00039-CR0026-CR0028



**PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE**

SIGNED **TED VIVIAN** DATE **25/05/2012**

DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

This permission to use is given on the basis that the Developer and/or consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.

WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING
SERVICES ARE APPROXIMATE ONLY AND
THEIR EXACT POSITION SHOULD BE PROVEN
ON SITE. NO GUARANTEE IS GIVEN THAT
ALL EXISTING SERVICES ARE SHOWN

 LAND DEVELOPMENT CORPORATION 	 BMD consulting 25 Cambridge Parade Minto QLD 4178 PO Box 187 Wiggins QLD 4178 P: 07 5593 7000 F: 07 5593 4099 E: info@bmd.com.au www.bmd.com.au 	Client LAND DEVELOPMENT CORPORATION/URBEX		Datum AHD
		Project ZUCCOLI - PHASE 1.1		PSM RL (MGA) COORD
Civil Engineers • Structural Engineers • Project Managers • Water Servicing Co-ordinators Brisbane • Cairns • Canberra • Gladstone • Gold Coast • Mackay • Sydney • Townsville		Title ROAD NO.2 LONGITUDINAL SECTION		AS CONSTRUCTED
		Project No. B00039-CR010	Drawing No.	Rev 2

WARNING
BEWARE OF SERVICES

THE LOCATIONS OF ALL EXISTING
SERVICES ARE APPROXIMATE ONLY AND
THEIR EXACT POSITION SHOULD BE PROVEN
ON SITE. NO GUARANTEE IS GIVEN THAT
ALL EXISTING SERVICES ARE SHOWN.

PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE

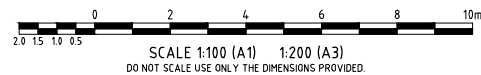
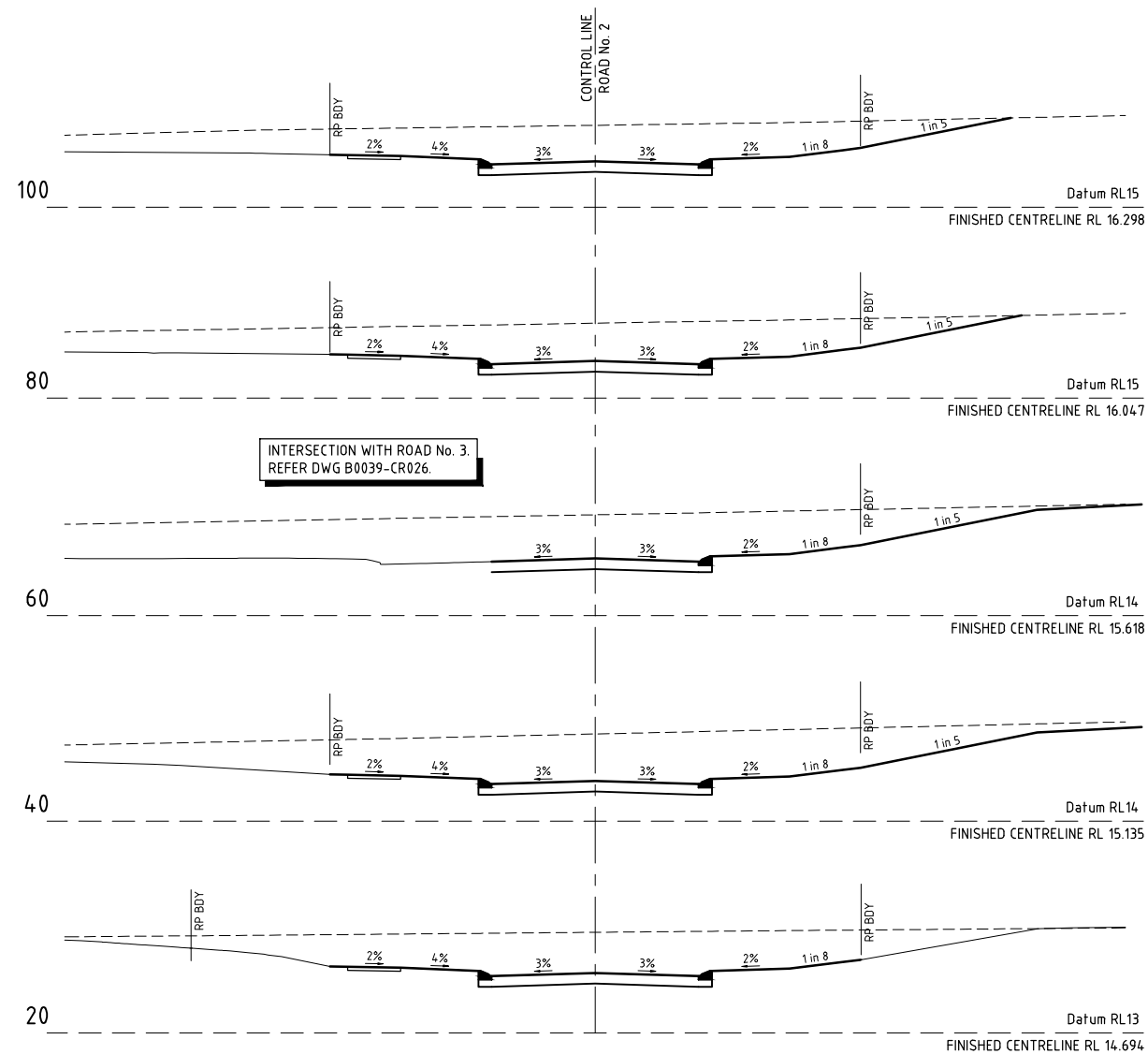
SIGNED **TED VIVIAN** DATE **25/05/2012**

DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

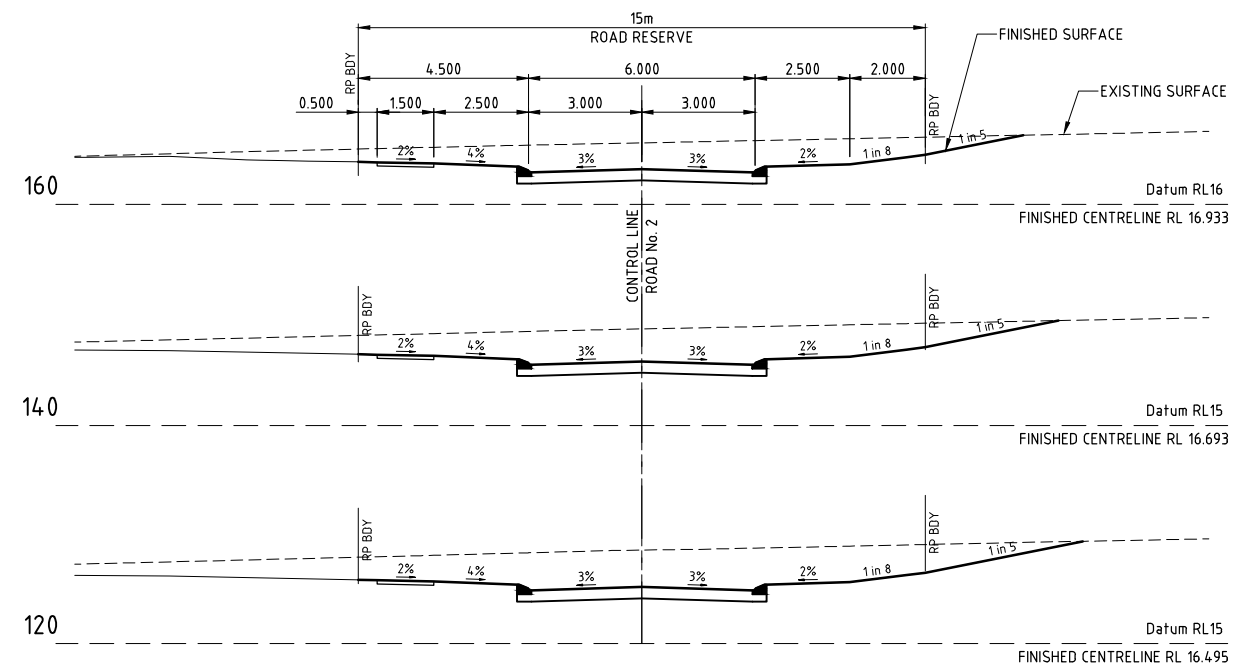
This permission to use is given on the basis that the
Developer and/or Consultant is not absolved from full
responsibility for the correctness and accuracy of the
design and/or documents associated. This permission is valid
for a period of two years from the date of signed approval.

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD

SIGNED *[Signature]* DATE **19/01/13**



ROAD No 2 CROSS SECTIONS
SCALE 1:100



Plot Date: 15/01/2013 9:21:00 AM User: CHRIS ROWE File Name: B:\urbex - consulting\URBEX\B0039\B0039 - stage 1\civil.dwg\1:2 current\B0039-CR026.dwg

2	AS CONSTRUCTED	CR	PDW	PI		14/01/13
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB	02/04/12
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No. Date
This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011						



BMD consulting
25 Cambridge Parade Mundy QLD 4178
PO Box 187 Morningside QLD 4178
P: 07 3883 7000 F: 07 3883 4088
E: bmd@bmd.com.au www.bmd.com.au
ABN 28 010 743 882

SGS
Civil Engineers • Structural Engineers • Project Managers • Water Servicing Co-ordinators
brisbane • cairns • canberra • gladstone • gold coast • mackay • sydney • townsville

Client	LAND DEVELOPMENT CORPORATION/URBEX		Datum	AHD	
Project	ZUCCOLI - PHASE 1.1		PSM	RL	
Title	ROAD NO.2 CROSS SECTIONS		(MGA) COORD		
			AS CONSTRUCTED		
			Project No.	Drawing No.	Rev
			B00039-CR011		2

PHASE 1.1 WORKS

PAVEMENT DETAILS	
ROAD 3	
ROAD CLASSIFICATION	MINOR
TRAFFIC ESA's	8 x10 ³
KERB & CHANNEL	LAYBACK KERB
NOMINAL	PAVEMENT THICKNESS
	335mm
	AC SURFACING
	30mm
	CHIP SEAL
	5mm
	BASE COURSE
	150mm
	SUB-BASE COURSE
	150mm
ADDITIONAL PAVEMENT BLANKET COURSE	
0mm THICKNESS SUBJECT TO GEOTECHNICAL TESTING	

NOTE

- SITE CBR VALUE AND PAVEMENT DEPTHS TO BE VERIFIED WITH CBR TESTS PRIOR TO CONSTRUCTION AND SUBJECT TO SEPERATE APPROVAL BY P.C.C.

FOR INTERSECTION DETAILS REFER DRAWING No. B00039-CR0026-CR0028

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD
SIGNED: *[Signature]* DATE: 19/01/13

WARNING BEWARE OF SERVICES

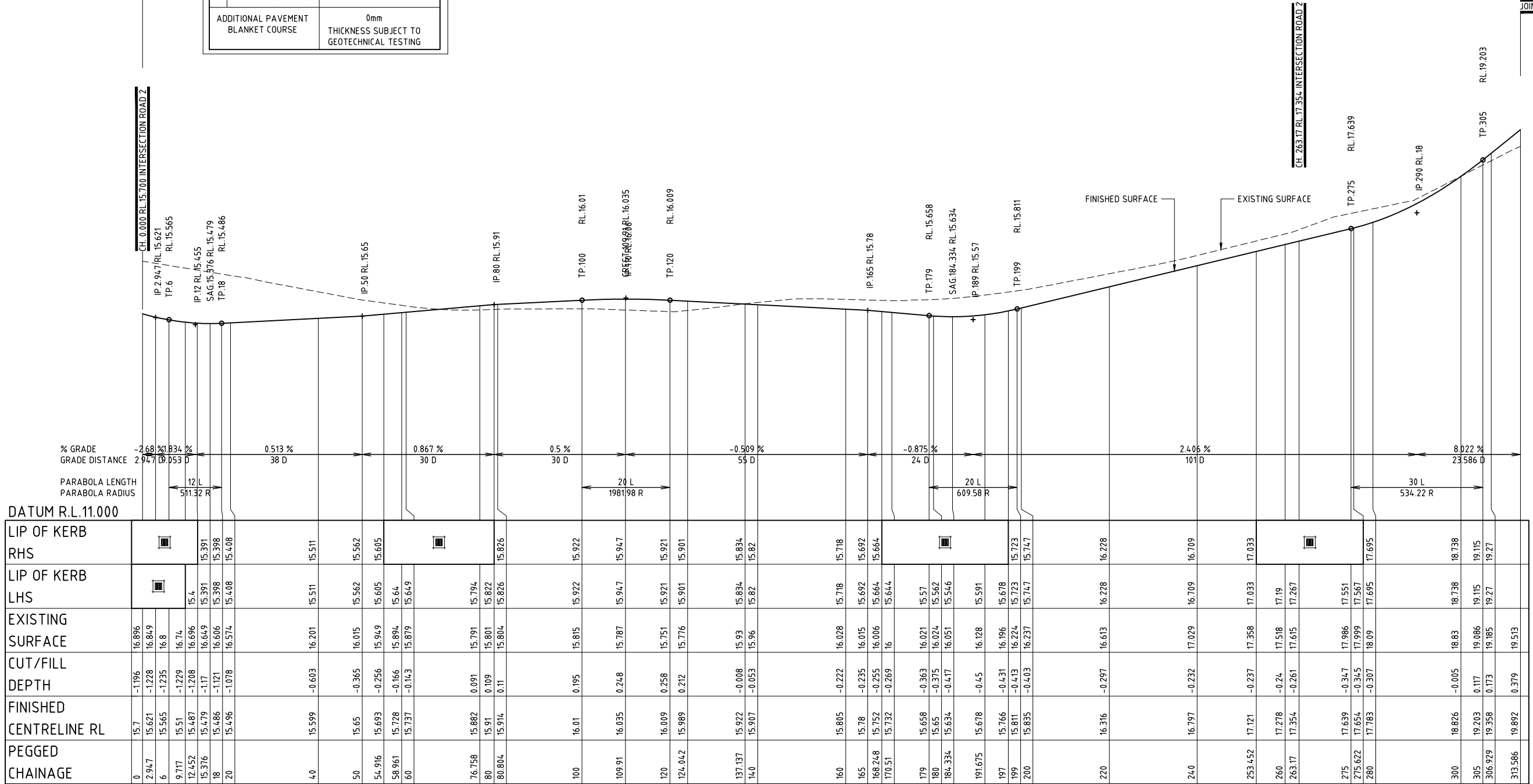
THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PERMISSION TO USE FOR CONSTRUCTION PURPOSES ROADWORKS AND STORMWATER DRAINAGE

SIGNED **TED VIVIAN** DATE **25/05/2012**

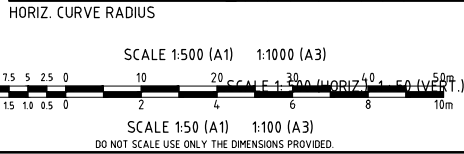
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.



DATUM R.L.11.000

LIP OF KERB RHS	LIP OF KERB LHS	EXISTING SURFACE	CUT/FILL DEPTH	FINISHED CENTRELINE RL	PEGGED CHAINAGE
15.7	15.7	16.896	-1.196	15.7	0
15.621	15.621	16.849	-1.228	15.621	2.947
15.565	15.565	16.8	-1.235	15.565	6
15.511	15.511	16.74	-1.229	15.511	9.717
15.455	15.455	16.696	-1.208	15.455	12.452
15.391	15.391	16.649	-1.117	15.391	15.376
15.338	15.338	16.606	-1.121	15.338	18
15.408	15.408	16.574	-1.078	15.408	20
15.511	15.511	16.201	-0.603	15.511	40
15.562	15.562	16.015	-0.365	15.562	50
15.605	15.605	15.949	-0.256	15.605	54.916
15.64	15.64	15.894	-0.166	15.64	58.961
15.649	15.649	15.879	-0.143	15.649	60
15.794	15.794	15.791	0.091	15.794	76.758
15.822	15.822	15.801	0.109	15.822	80
15.826	15.826	15.804	0.11	15.826	80.804
15.922	15.922	15.815	0.195	15.922	100
15.947	15.947	15.787	0.248	15.947	109.91
15.921	15.921	15.751	0.258	15.921	120
15.901	15.901	15.776	0.212	15.901	124.042
15.834	15.834	15.93	-0.008	15.834	137.137
15.82	15.82	15.96	-0.053	15.82	140
15.718	15.718	16.028	-0.222	15.718	160
15.692	15.692	16.015	-0.235	15.692	165
15.664	15.664	16.006	-0.255	15.664	168.248
15.644	15.644	16	-0.269	15.644	170.51
15.57	15.57	16.021	-0.363	15.57	179
15.562	15.562	16.024	-0.375	15.562	180
15.546	15.546	16.051	-0.47	15.546	184.334
15.591	15.591	16.128	-0.45	15.591	191.675
15.678	15.678	16.196	-0.431	15.678	197
15.723	15.723	16.224	-0.413	15.723	199
15.747	15.747	16.237	-0.403	15.747	200
16.228	16.228	16.613	-0.297	16.228	220
16.709	16.709	17.029	-0.232	16.709	240
17.033	17.033	17.358	-0.237	17.033	253.452
17.19	17.19	17.518	-0.24	17.19	260
17.267	17.267	17.615	-0.261	17.267	263.17
17.551	17.551	17.986	-0.347	17.551	275
17.567	17.567	17.999	-0.345	17.567	275.622
17.695	17.695	18.09	-0.307	17.695	280
18.738	18.738	18.83	-0.005	18.738	300
19.115	19.115	19.086	0.117	19.115	305
19.27	19.27	19.185	0.173	19.27	306.979
19.513	19.513	19.513	0.379	19.513	313.586



LONGITUDINAL SECTION ROAD 3

No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No.	Date
3	AS CONSTRUCTED	CR	PDW	PI			14/01/13
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI			17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB		02/04/12

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011



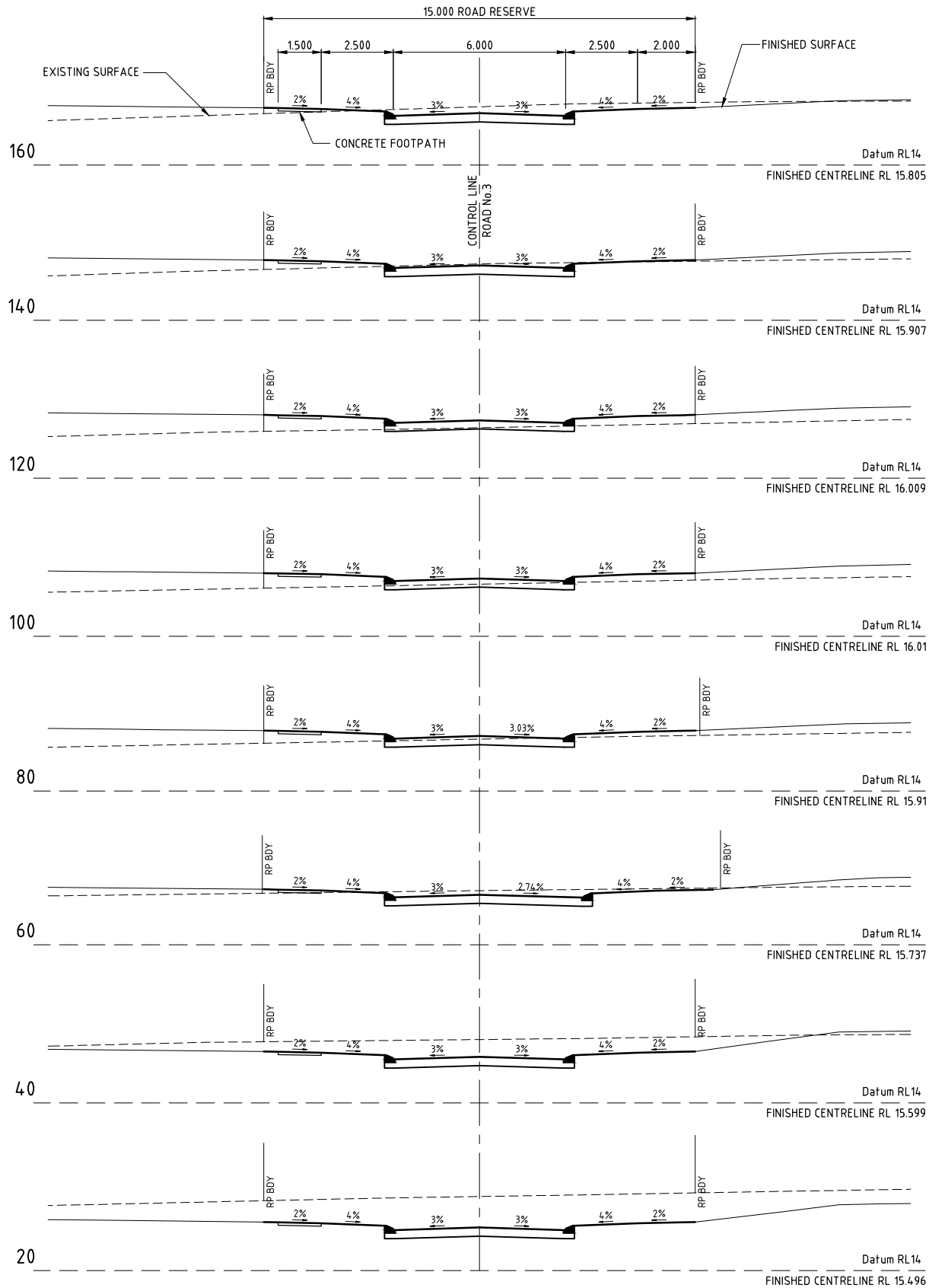
Client	LAND DEVELOPMENT CORPORATION/URBEX	Datum	AHD
Project	ZUCCOLI - PHASE 1.1	PSM	RL
Title	ROAD NO.3 LONGITUDINAL SECTION	(MGA) COORD	AS CONSTRUCTED
Project No.	B00039-CR012	Drawing No.	Rev
			3

File Name: B:\urbex - consulting\URBEX\B00039\B00039 - stage 1\civil.dwg; V2: current\B00039-R3.dwg
User: CHRIS ROWE
Plot Date: 15/01/2013 9:21:06 AM

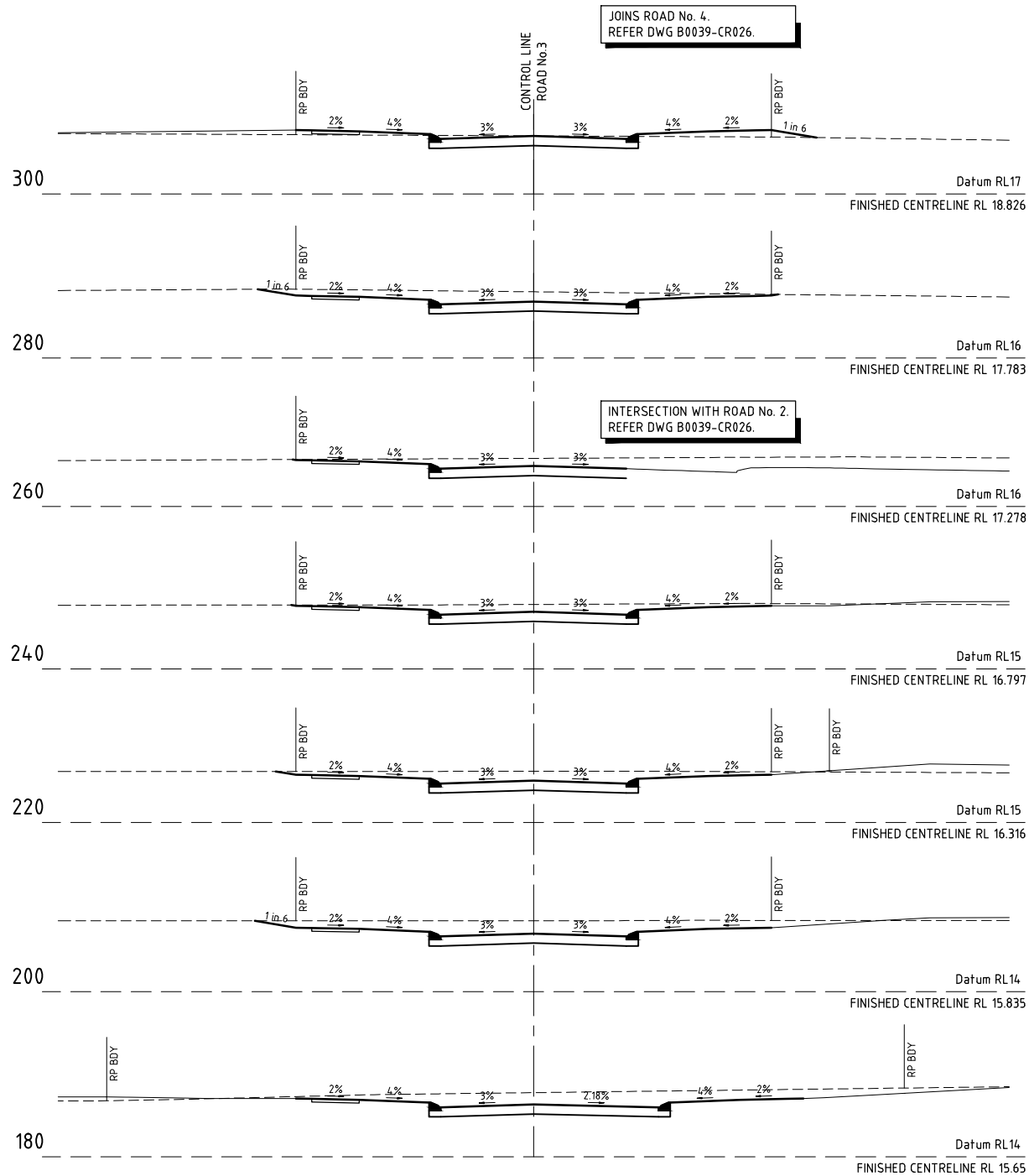
AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD
SIGNED... *Chris Rowe* ...DATE... 19/01/13

WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE
SIGNED **TED VIVIAN** DATE **25/05/2012**
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON
This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.



ROAD No. 3 CROSS SECTIONS
SCALE 1:100



No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No.	Date
3	AS CONSTRUCTED	CR	PDW	PI			14/01/13
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI			17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB		02/04/12

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011



Client	LAND DEVELOPMENT CORPORATION/URBEX		Datum	AHD
Project	ZUCCOLI - PHASE 1.1		PSM	RL
Title	ROAD NO.3 CROSS SECTIONS		(MGA) COORD	AS CONSTRUCTED
Project No.	B00039-CR013	Drawing No.		Rev
				3

PHASE 1.1 WORKS

PAVEMENT DETAILS	
ROAD 4 & 4A	
ROAD CLASSIFICATION	MINOR
TRAFFIC ESA's	8 x10 ³
KERB & CHANNEL	LAYBACK KERB
NOMINAL	PAVEMENT THICKNESS
	335mm
	AC SURFACING
	30mm
	CHIP SEAL
	5mm
ADDITIONAL PAVEMENT BLANKET COURSE	BASE COURSE
	150mm
ADDITIONAL PAVEMENT BLANKET COURSE	SUB-BASE COURSE
	150mm
0mm	
THICKNESS SUBJECT TO GEOTECHNICAL TESTING	

WARNING
BEWARE OF SERVICES

THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

NOTE

- SITE CBR VALUE AND PAVEMENT DEPTHS TO BE VERIFIED WITH CBR TESTS PRIOR TO CONSTRUCTION AND SUBJECT TO SEPERATE APPROVAL BY P.C.C.

FOR INTERSECTION DETAILS REFER DRAWING No. B00039-CR0026-CR0028

PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE

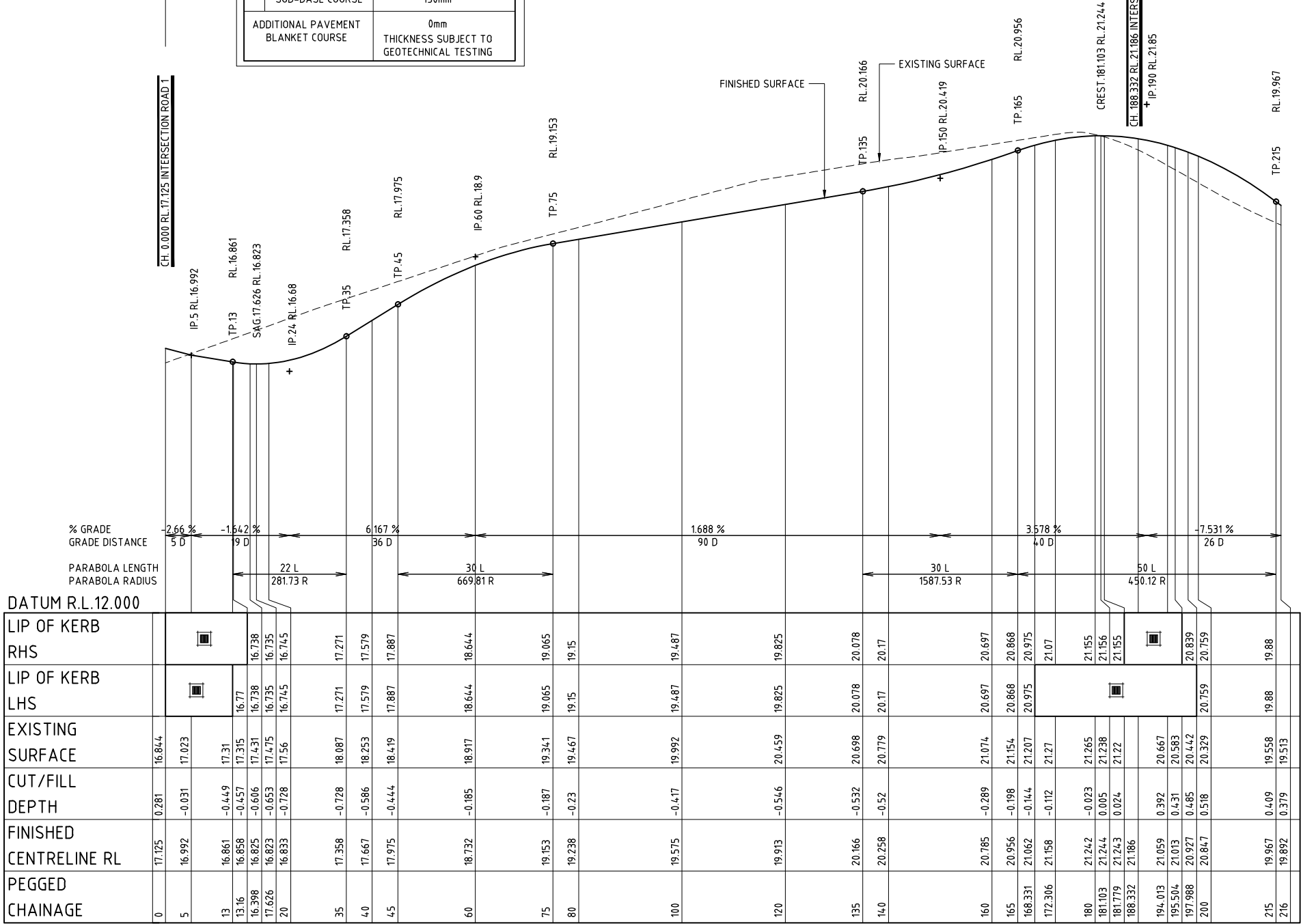
SIGNED TED VIVIAN DATE 25/05/2012

DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

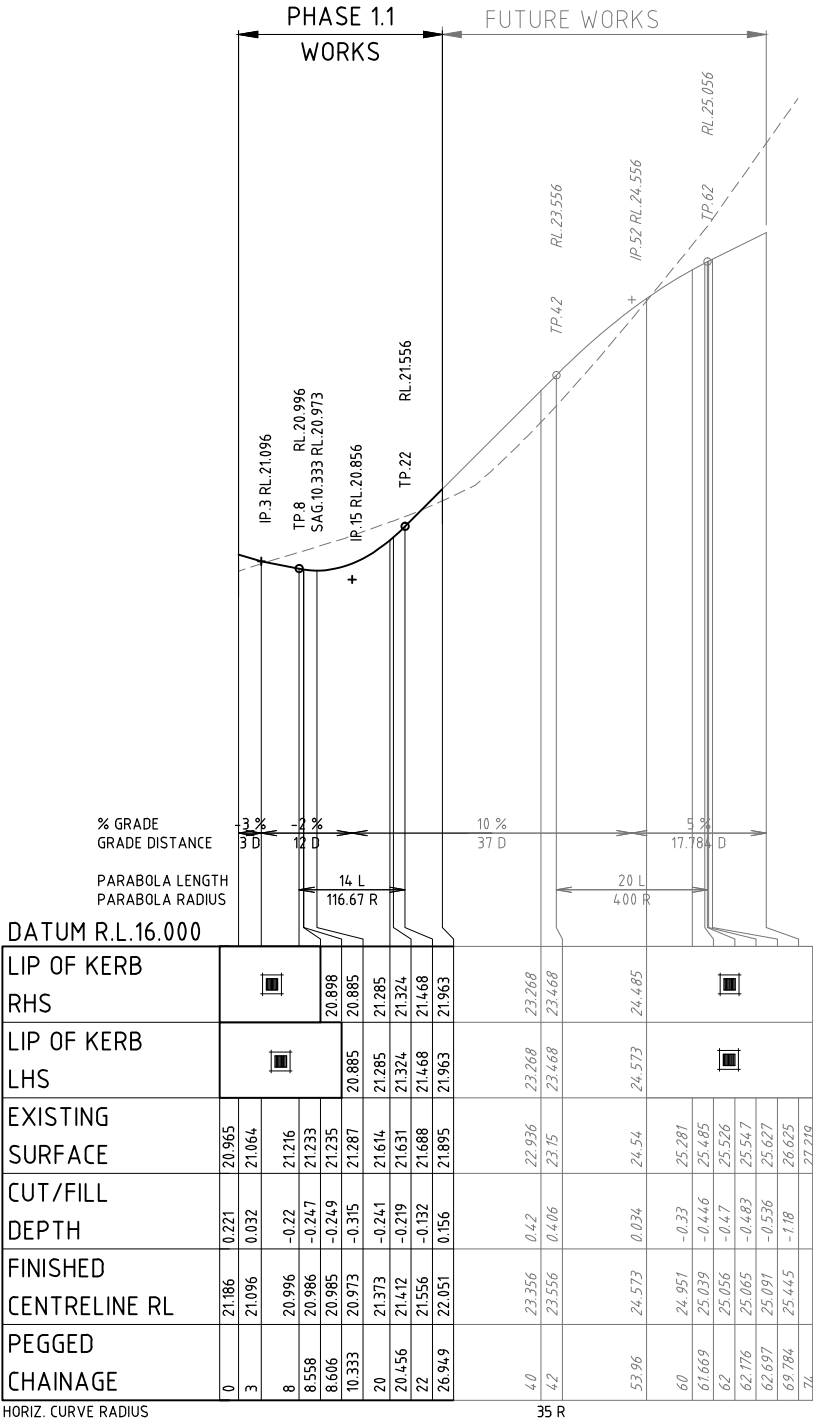
This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD

SIGNED *Dilip* DATE 19/01/13



LONGITUDINAL SECTION ROAD 4



LONGITUDINAL SECTION ROAD 4A

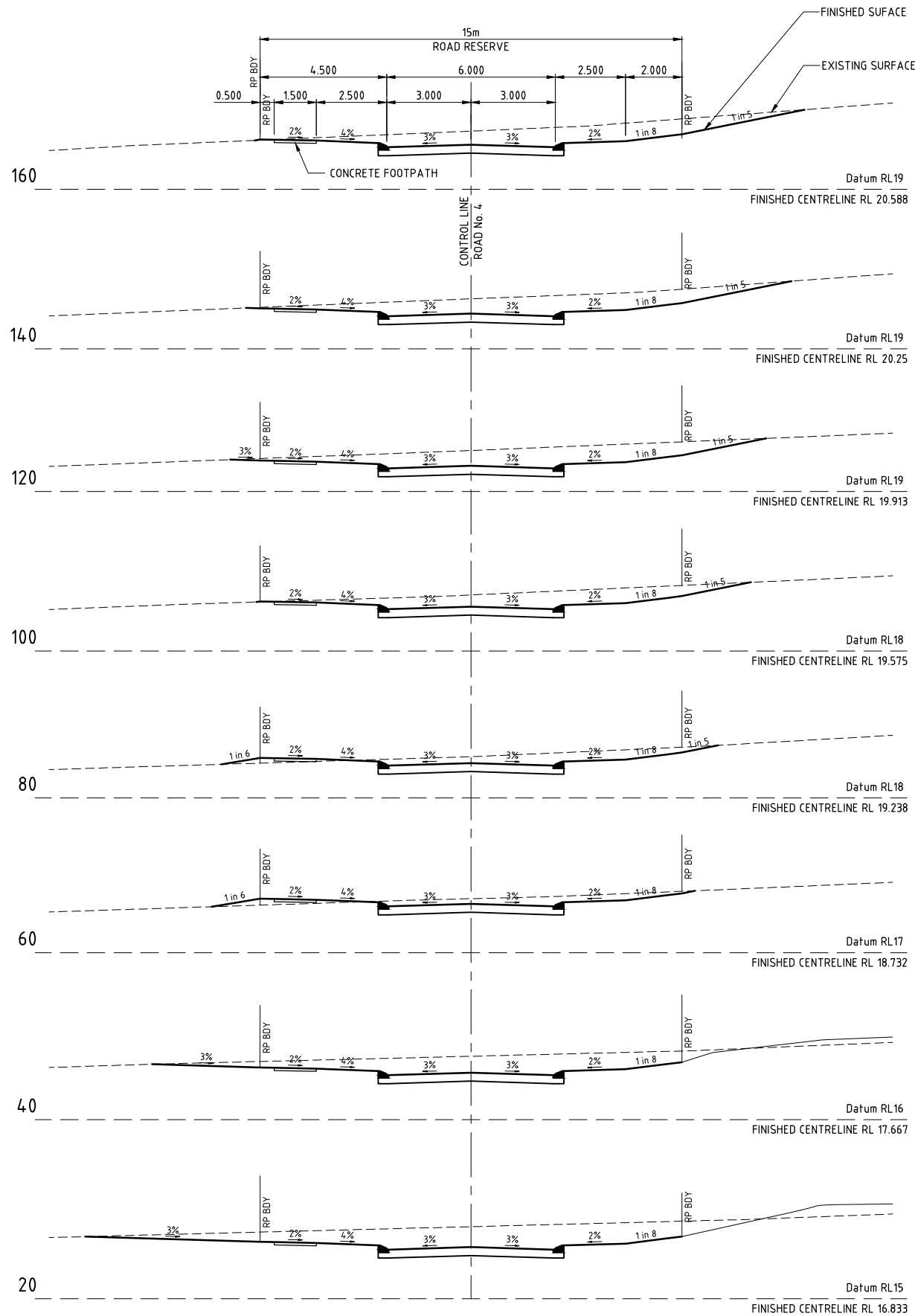
File Name: B:\urbex - consulting\J083\B00039\B00039_zuccoli - stage 1\civil.dwg\1:2 current\B00039-RLX User: CHRIS ROWE Plot Date: 15/01/2013 9:21:11 AM

3	AS CONSTRUCTED	CR	PDW	PI		14/01/12
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI		17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB	02/04/12
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No. Date
This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011						



Client	LAND DEVELOPMENT CORPORATION/URBEX		Datum	AHD
Project	ZUCCOLI - PHASE 1.1		PSM	RL
Title	ROAD NO.4 AND 4A LONGITUDINAL SECTION		(MGA) COORD	AS CONSTRUCTED
Project No.	B00039-CR014	Drawing No.		Rev
				3

Red Date: 15/01/2013 2:13 PM User: CHRIS ROWE File Name: B:\urbex - consulting\URB\B00039\B00039 - stage 1\civil-dwg\1-2\current\B00039-RLX

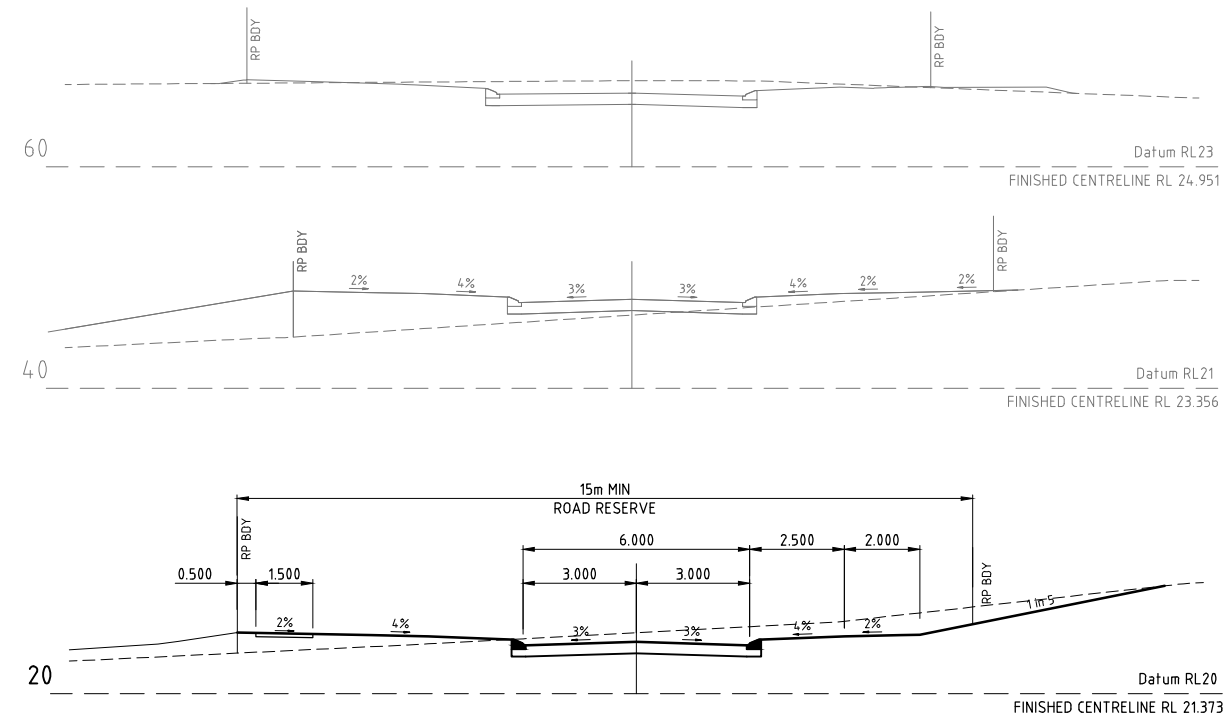


ROAD No 4 CROSS SECTIONS
SCALE 1:100

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD
SIGNED *[Signature]* DATE 19/01/13

WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE
SIGNED **TED VIVIAN** DATE **25/05/2012**
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON
This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.



ROAD No 4A CROSS SECTIONS
SCALE 1:100

JOINS ROAD No.3
REFER DWG B0039-CR026.

INTERSECTION WITH ROAD No.4A
REFER DWG B0039-CR026.

PHASE 1.1
WORKS
FUTURE WORKS

No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No.	Date
3	AS CONSTRUCTED	CR	PDW	PI			14/01/13
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI			18/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB		02/04/12

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011



Client	LAND DEVELOPMENT CORPORATION/URBEX	Datum	AHD
Project	ZUCCOLI - PHASE 1.1	PSM	RL
Title	ROAD NO. 4 AND 4A CROSS SECTIONS	(MGA) COORD	
Project No.	B00039-CR015	Drawing No.	3

- SITE CBR VALUE AND PAVEMENT DEPTHS TO BE VERIFIED WITH CBR TESTS PRIOR TO CONSTRUCTION AND SUBJECT TO SEPERATE APPROVAL BY P.C.C.

BEWARE OF SERVICES

THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

SIGNED **TED VIVIAN** DATE **25/05/2012**
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.

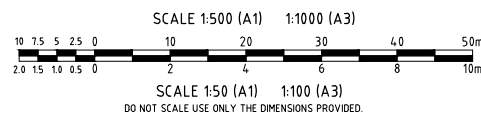
ROAD 4		
ROAD CLASSIFICATION		MINOR
TRAFFIC ESA's		8 x10 ³
KERB & CHANNEL		LAYBACK KERB
NOMINAL	PAVEMENT THICKNESS	335mm
	AC SURFACING	30mm
	CHIP SEAL	5mm
	BASE COURSE	150mm
	SUB-BASE COURSE	150mm
ADDITIONAL PAVEMENT BLANKET COURSE		0mm THICKNESS SUBJECT TO GEOTECHNICAL TESTING

SIGNED *[Signature]* DATE 19/01/13



LONGITUDINAL SECTION ROAD 5

SCALE 1: 500 (HORIZ.) 1: 50 (VERT.)

[illegible]

Civil Engineers • Structural Engineers • Project Managers • Water Servicing Co-ordinators
brisbane • cairns • canberra • gladstone • gold coast • mackay • sydney • townsville

48 Price Street Nanning Qid 4211
PO Box 784 Nanning Qid 4211
P: 07 5586 2400 T: 07 5586 2848
E: goldcoast@bmd.com.au
www.bmd.com.au

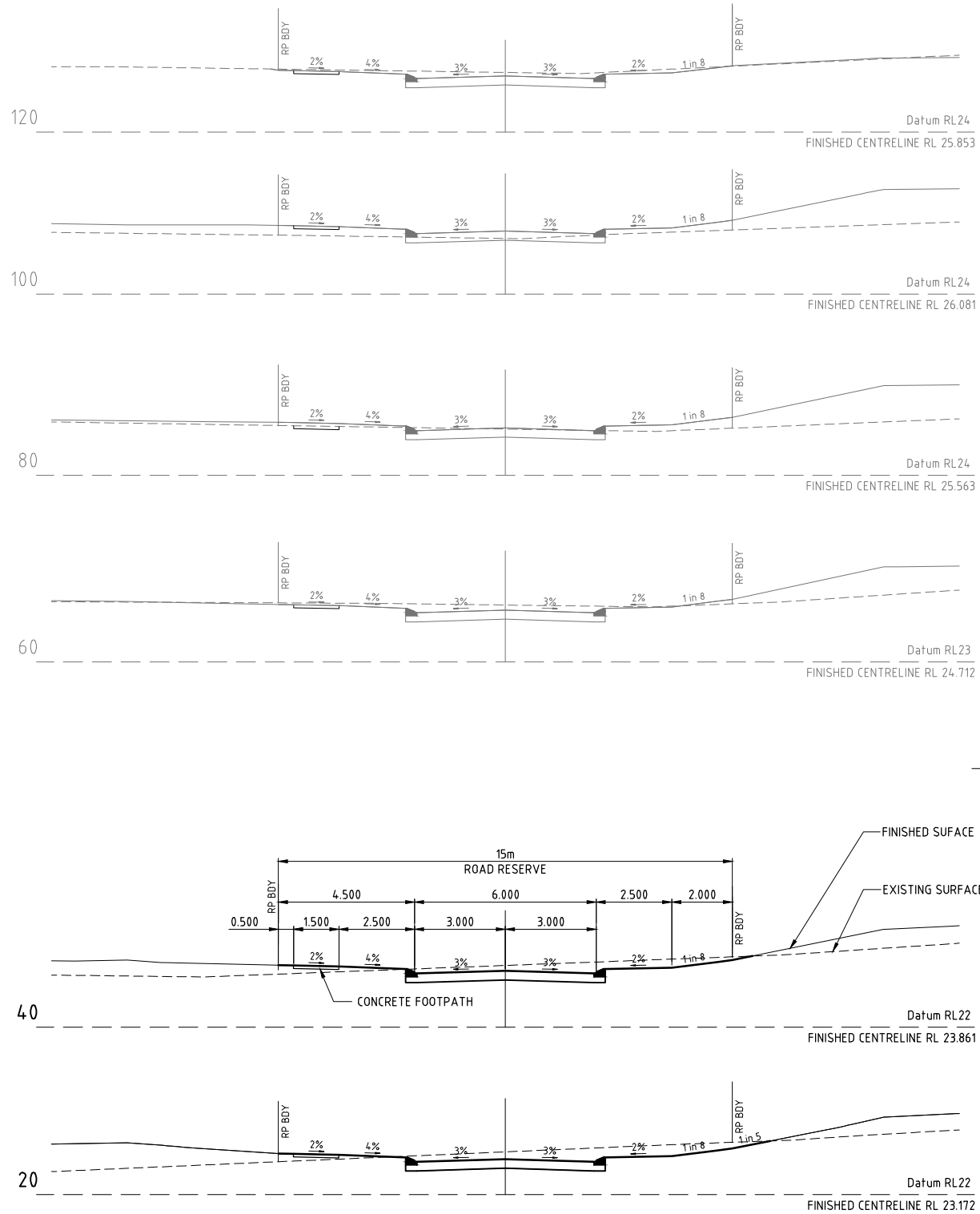


<i>Client</i>	LAND DEVELOPMENT CORPORATION/URBEX
<i>Project</i>	ZUCCOLI - PHASE 1.1
<i>Title</i>	ROAD NO. 5 LONGITUDINAL SECTIONS

Datum	
AHD	
PSM .	
RL .	
(MGA) COORD	

AS CONSTRUCTED		
<i>Project No.</i>	<i>Drawing No.</i>	<i>Rev</i>
B00039-CR016		3

File Name: B:\urbex - consulting\URBEX\B00039\B00039 - stage 1\civil.dwg\1:200\B00039-RLX
User: CHRIS ROWE
Plot Date: 15/01/2013 2:11:17 PM



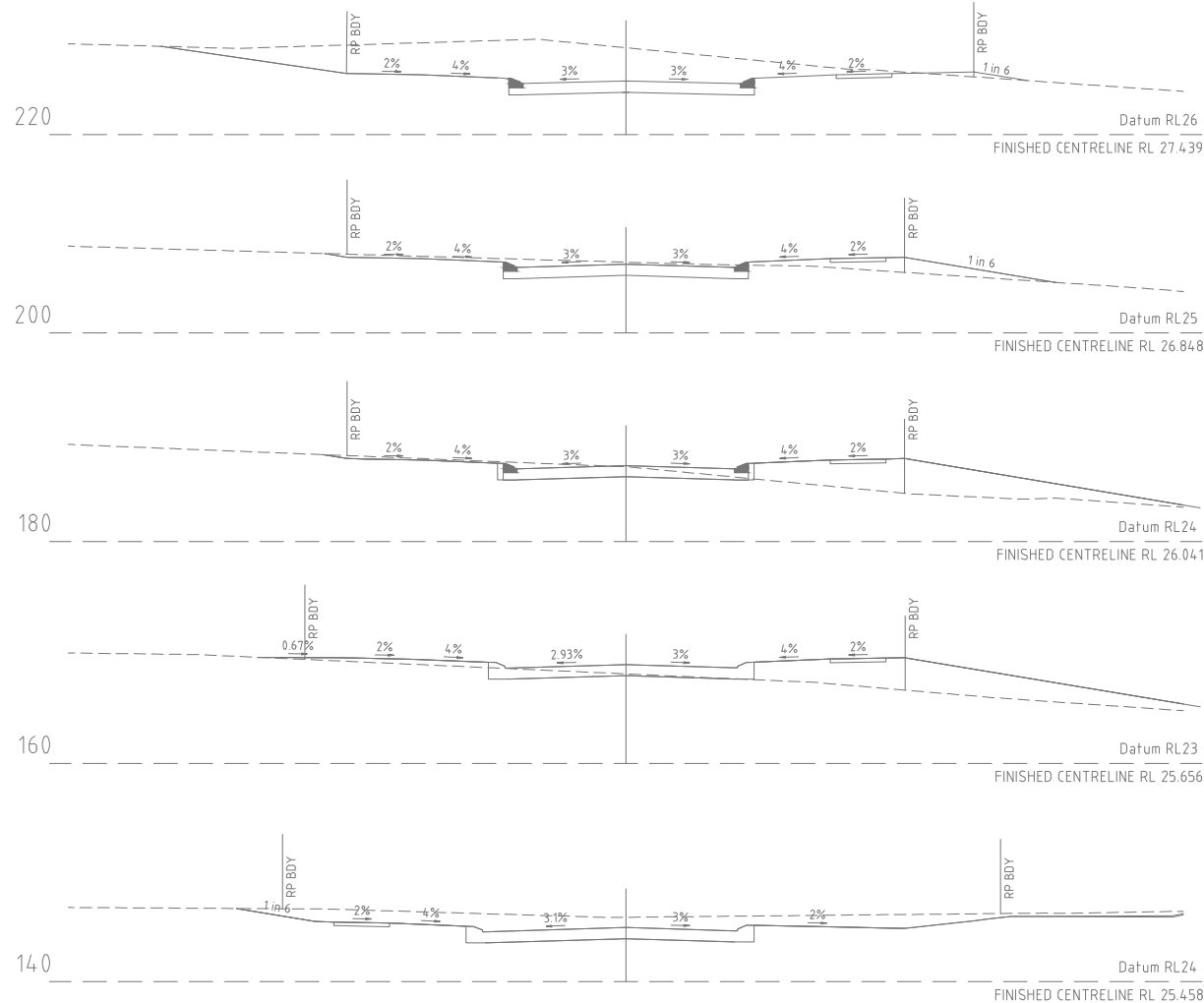
PHASE 1.1
FUTURE WORKS

ROAD No 5 CROSS SECTIONS
SCALE 1:100

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD
SIGNED *[Signature]* DATE 19/01/13

WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING
SERVICES ARE APPROXIMATE ONLY AND
THEIR EXACT POSITION SHOULD BE PROVEN
ON SITE. NO GUARANTEE IS GIVEN THAT
ALL EXISTING SERVICES ARE SHOWN.

**PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE**
SIGNED **TED VIVIAN** DATE **25/05/2012**
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON
This permission to use is given on the basis that the
Developer and/or Consultant is not absolved from full
responsibility for the correctness and accuracy of the
design and/or documents associated. This permission is valid
for a period of two years from the date of signed approval.



No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No.	Date
3	AS CONSTRUCTED	CR	PDW	PI			14/01/13
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI			17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB		02/04/12

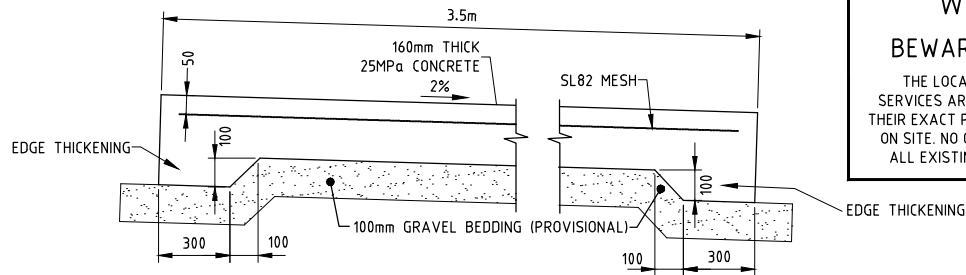
This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011



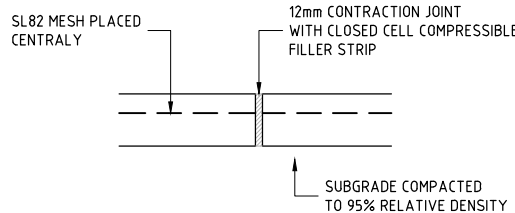
BMD consulting
48 Price Street, Nanning City 4211
PO Box 764, Nanning City 4211
P: 07 5588 2400 F: 07 5588 2849
E: goldbow@bmd.com.au
www.bmd.com.au
ABN 28 610 743 082

Civil Engineers • Structural Engineers • Project Managers • Water Servicing Co-ordinators
brisbane • calmar • cambera • gladstone • gold coast • Mackay • Sydney • Townsville

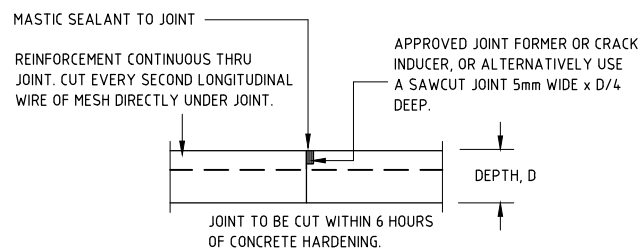
Client	LAND DEVELOPMENT CORPORATION/URBEX		Datum	AHD
Project	ZUCCOLI - PHASE 1.1		PSM	RL
Title	ROAD NO.5 CROSS SECTIONS		(MGA) COORD	AS CONSTRUCTED
Project No.	B00039-CR017	Drawing No.	Rev	3



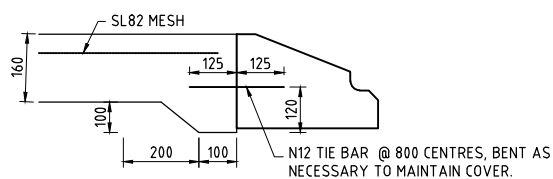
TYPICAL DRIVEWAY SECTION
SCALE 1 : 10



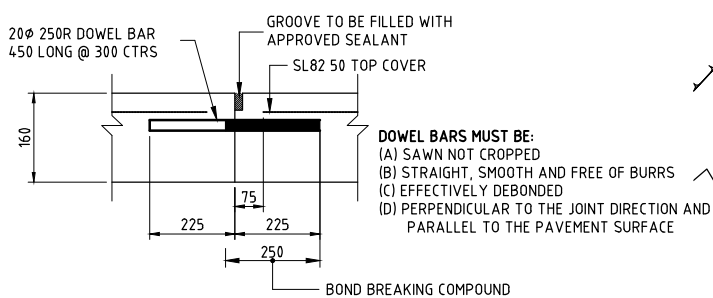
TYPICAL DETAIL
EXPANSION JOINT
N.T.S.



TYPICAL DETAIL
SAW CUT
N.T.S.



LONGITUDINAL JOINT WITH
LAYBACK KERB
N.T.S.



NOTE DOWEL BAR SHOULD BE PLACED AS TO PREVENT MOVEMENT DURING CONCRETE PLACING. DOWEL BARS ARE NOT PERMITTED TO BE PLACED DURING CONCRETE POURING

TRANSVERSE CONTRACTION JOINT
N.T.S.

WARNING BEWARE OF SERVICES

THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PERMISSION TO USE FOR CONSTRUCTION PURPOSES ROADWORKS AND STORMWATER DRAINAGE

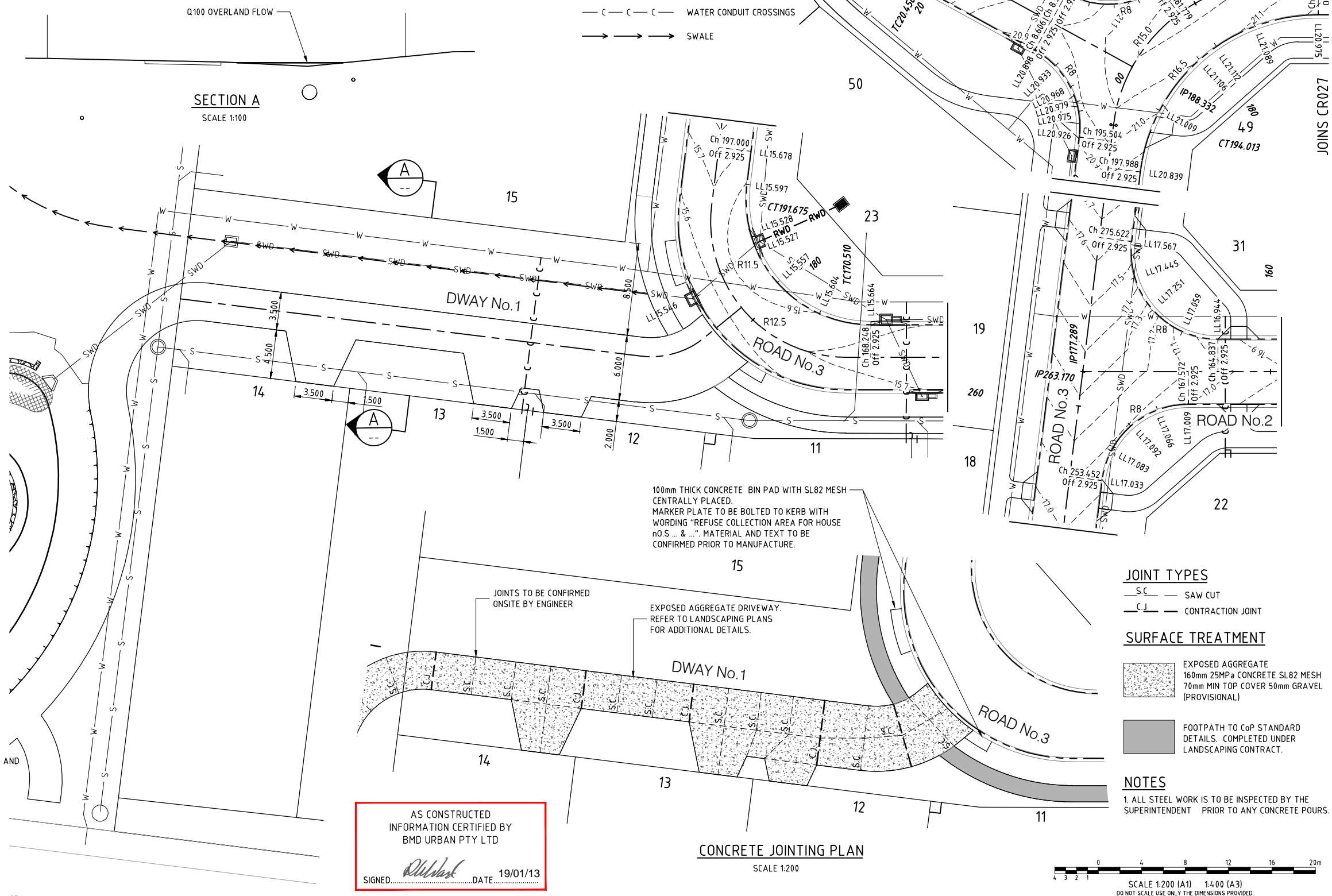
SIGNED TED VIVIAN DATE 25/05/2012

DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.

LEGEND

- 26.0 — FINISHED SURFACE CONTOURS
- LAYBACK KERB
- UKG — UPRIGHT KERB AND GUTTER (ROAD 1 ONLY)
- SWD — STORMWATER DRAINAGE
- RWD — RWD — ROOFWATER DRAINAGE (WITH EASEMENT)
- S — SEWERAGE RETICULATION
- W — WATER RETICULATION
- C — C — C — WATER CONDUIT CROSSINGS
- → — → — SWALE



JOINT TYPES

- S.C. — SAW CUT
- C.J. — CONTRACTION JOINT

SURFACE TREATMENT

EXPOSED AGGREGATE
160mm 25MPa CONCRETE SL82 MESH
70mm MIN TOP COVER 50mm GRAVEL (PROVISIONAL)

FOOTPATH TO CoP STANDARD
DETAILS. COMPLETED UNDER
LANDSCAPING CONTRACT.

NOTES

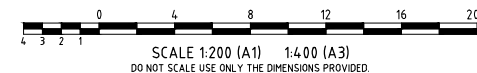
1. ALL STEEL WORK IS TO BE INSPECTED BY THE SUPERINTENDENT PRIOR TO ANY CONCRETE POURS.

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD

SIGNED *[Signature]* DATE 19/01/13

CONCRETE JOINTING PLAN

SCALE 1:200



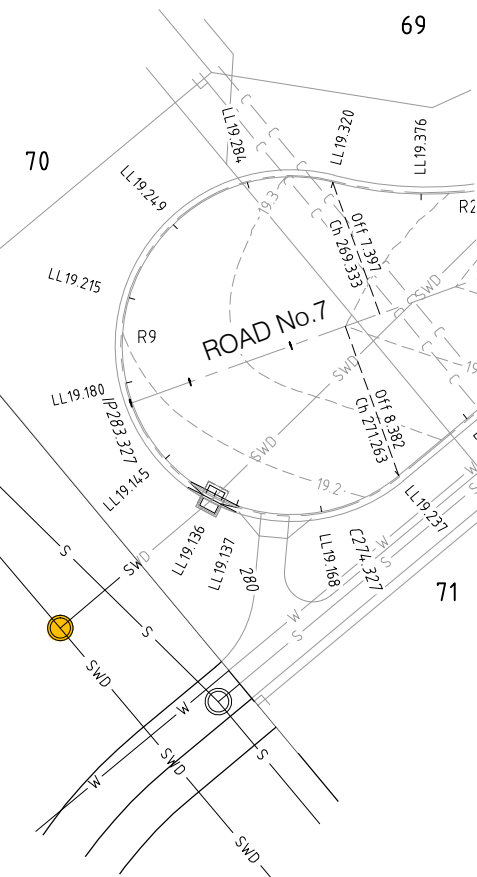
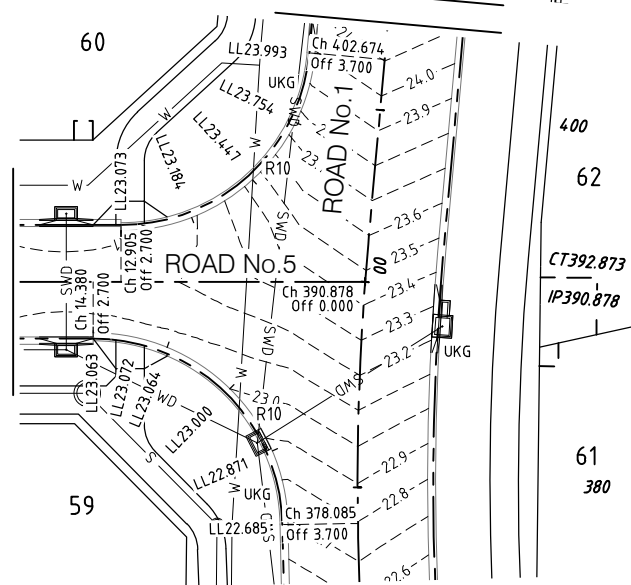
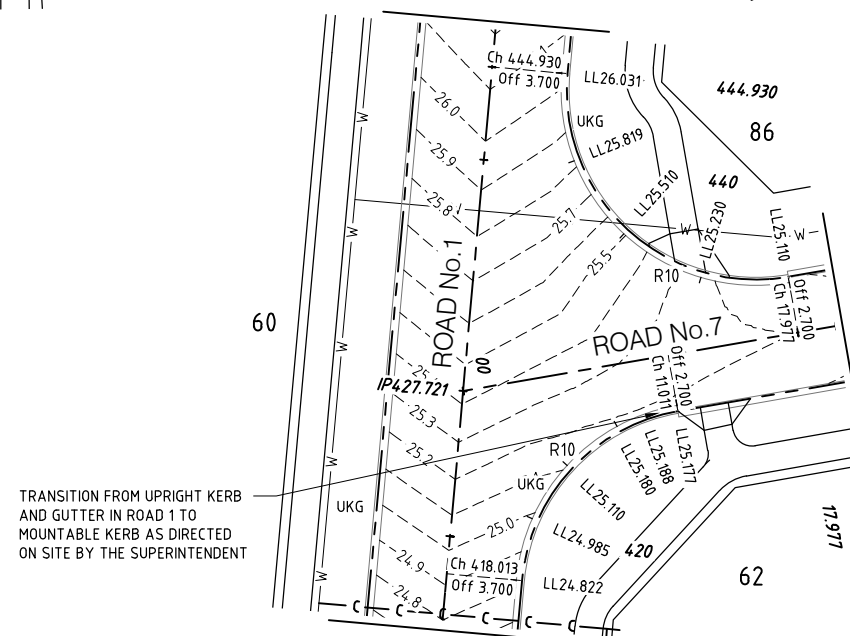
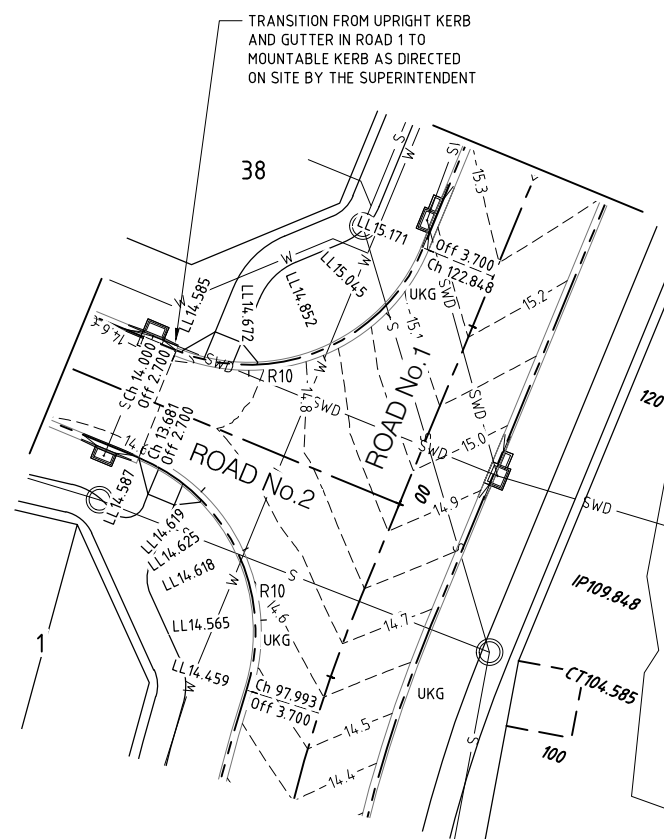
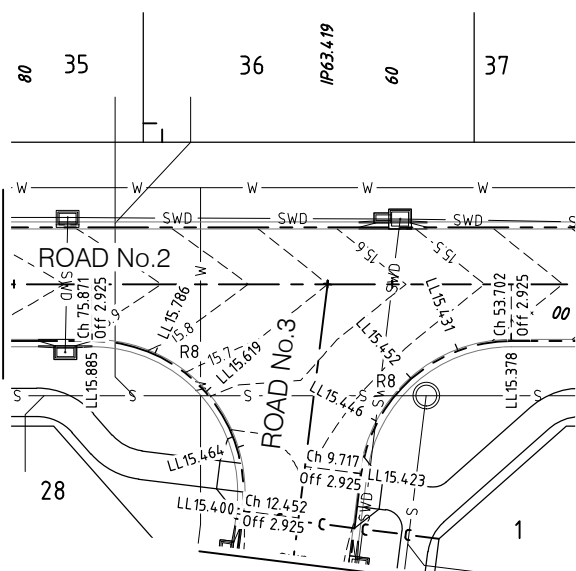
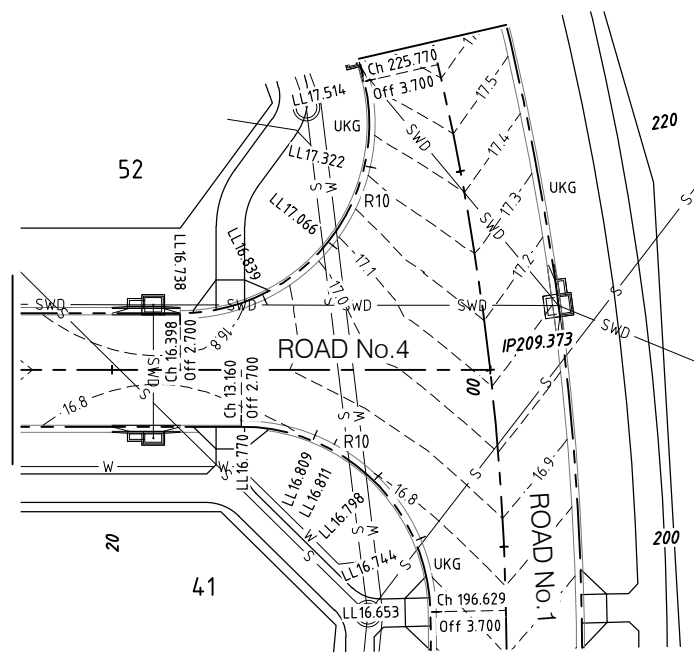
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No.	Date
3	AS CONSTRUCTED	CR	PDW	PI			14/01/13
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI			17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB		02/04/12

Client	LAND DEVELOPMENT CORPORATION/URBEX	Datum	AHD
Project	ZUCCOLI - PHASE 1.1	PSM	RL
Title	INTERSECTION DETAILS SHEET 1 OF 2	(MGA) COORD	
		AS CONSTRUCTED	
		Project No.	B00039-CR026
		Drawing No.	3



LEGEND

— 26.0 —	FINISHED SURFACE CONTOURS
=====	LAYBACK KERB
=====	UKG
=====	UPRIGHT KERB AND GUTTER (ROAD 1 ONLY)
— SWD —	STORMWATER DRAINAGE
— RWD — RWD —	ROOFWATER DRAINAGE (WITH EASEMENT)
— S —	SEWERAGE RETICULATION
— W —	WATER RETICULATION
— C — C — C —	WATER CONDUIT CROSSINGS
→ → →	SWALE

PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE

SIGNED **TED VIVIAN** DATE **25/05/2012**
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.

WARNING

BEWARE OF SERVICES

THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD

SIGNED *[Signature]* DATE 19/01/13

SCALE 1:200 (A1) 1:400 (A3)
DO NOT SCALE USE ONLY THE DIMENSIONS PROVIDED.

File Name: B:\urbex - consulting\URBEX\B00039\B00039.dwg - Stage 1\4 civil.dwg\1\2 current\B00039.dwg
User: CHRIS ROWE
Plot Date: 15/01/2013 2:13:39 PM

No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No.	Date
3	AS CONSTRUCTED	CR	PDW	PI			14/01/13
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI	MGB		17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB		02/04/12

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011



25 Cambridge Parade, Minto QLD 4178
P: 07 3068 7000 F: 07 3068 4000
E: info@bmd.com.au
www.bmd.com.au

ABN 28 000 749 002



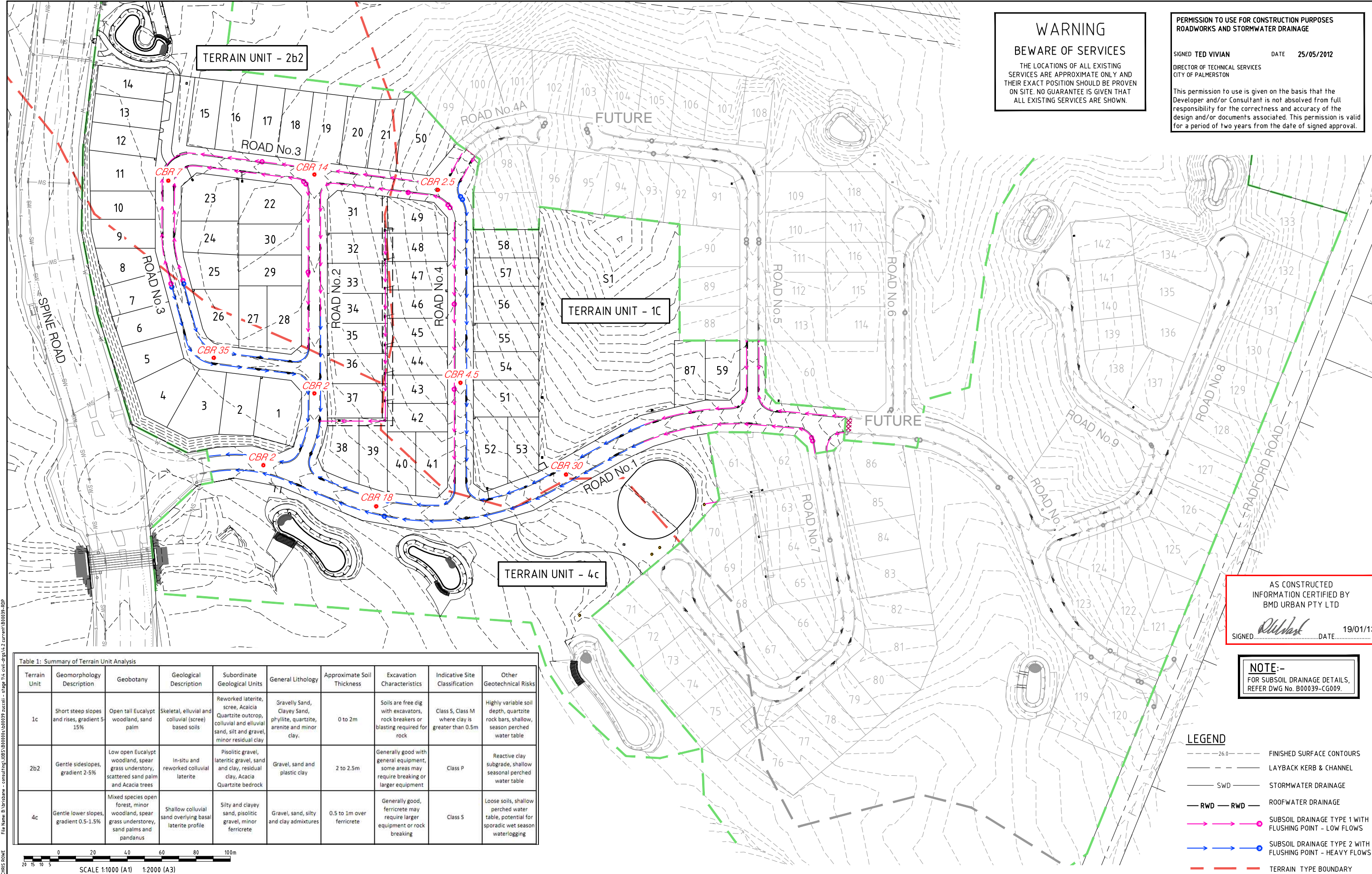
Civil Engineers • Structural Engineers • Project Managers • Water Services Co-ordinators
Brisbane • Cairns • Canberra • Gold Coast • Mackay • Sydney • Townsville

Client **LAND DEVELOPMENT CORPORATION/URBEX**
Project **ZUCCOLI - PHASE 1.1**
Title **INTERSECTION DETAILS
SHEET 2 OF 2**

Datum
AHD
PSM
RL
(MGA) COORD

AS CONSTRUCTED

Project No. **B00039-CR027** Drawing No. **3**



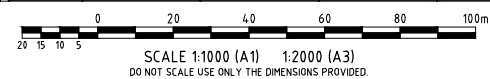
WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE

SIGNED **TED VIVIAN** DATE **25/05/2012**
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.

Table 1: Summary of Terrain Unit Analysis									
Terrain Unit	Geomorphology Description	Geobotany	Geological Description	Subordinate Geological Units	General Lithology	Approximate Soil Thickness	Excavation Characteristics	Indicative Site Classification	Other Geotechnical Risks
1c	Short steep slopes and rises, gradient 5-15%	Open tall Eucalypt woodland, sand palm	Skeletal, eluvial and colluvial (scree) based soils	Reworked laterite, scree, Acacia Quartzite outcrop, colluvial and eluvial sand, silt and gravel, minor residual clay	Gravelly Sand, Clayey Sand, phyllite, quartzite, arenite and minor clay.	0 to 2m	Soils are free dig with excavators, rock breakers or blasting required for rock	Class S, Class M where clay is greater than 0.5m	Highly variable soil depth, quartzite rock bars, shallow, season perched water table
2b2	Gentle sideslopes, gradient 2-5%	Low open Eucalypt woodland, spear grass understorey, scattered sand palm and Acacia trees	In-situ and reworked colluvial laterite	Pisolithic gravel, lateritic gravel, sand and clay, residual clay, Acacia Quartzite bedrock	Gravel, sand and plastic clay	2 to 2.5m	Generally good with general equipment, some areas may require breaking or larger equipment	Class P	Reactive clay subgrade, shallow seasonal perched water table
4c	Gentle lower slopes, gradient 0.5-1.5%	Mixed species open forest, minor woodland, spear grass understorey, sand palms and pandanus	Shallow colluvial sand overlying basal laterite profile	Silty and clayey sand, pisolithic gravel, minor ferricrete	Gravel, sand, silty and clay admixtures	0.5 to 1m over ferricrete	Generally good, ferricrete may require larger equipment or rock breaking	Class S	Loose soils, shallow perched water table, potential for sporadic wet season waterlogging



AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD

SIGNED *[Signature]* DATE **19/01/13**

NOTE:-
FOR SUBSOIL DRAINAGE DETAILS, REFER DWG No. B00039-CG009.

- LEGEND**
- 26.0 --- FINISHED SURFACE CONTOURS
 - LAYBACK KERB & CHANNEL
 - SWD --- STORMWATER DRAINAGE
 - RWD --- RWD --- ROOFWATER DRAINAGE
 - SUBSOIL DRAINAGE TYPE 1 WITH FLUSHING POINT - LOW FLOWS
 - SUBSOIL DRAINAGE TYPE 2 WITH FLUSHING POINT - HEAVY FLOWS
 - TERRAIN TYPE BOUNDARY

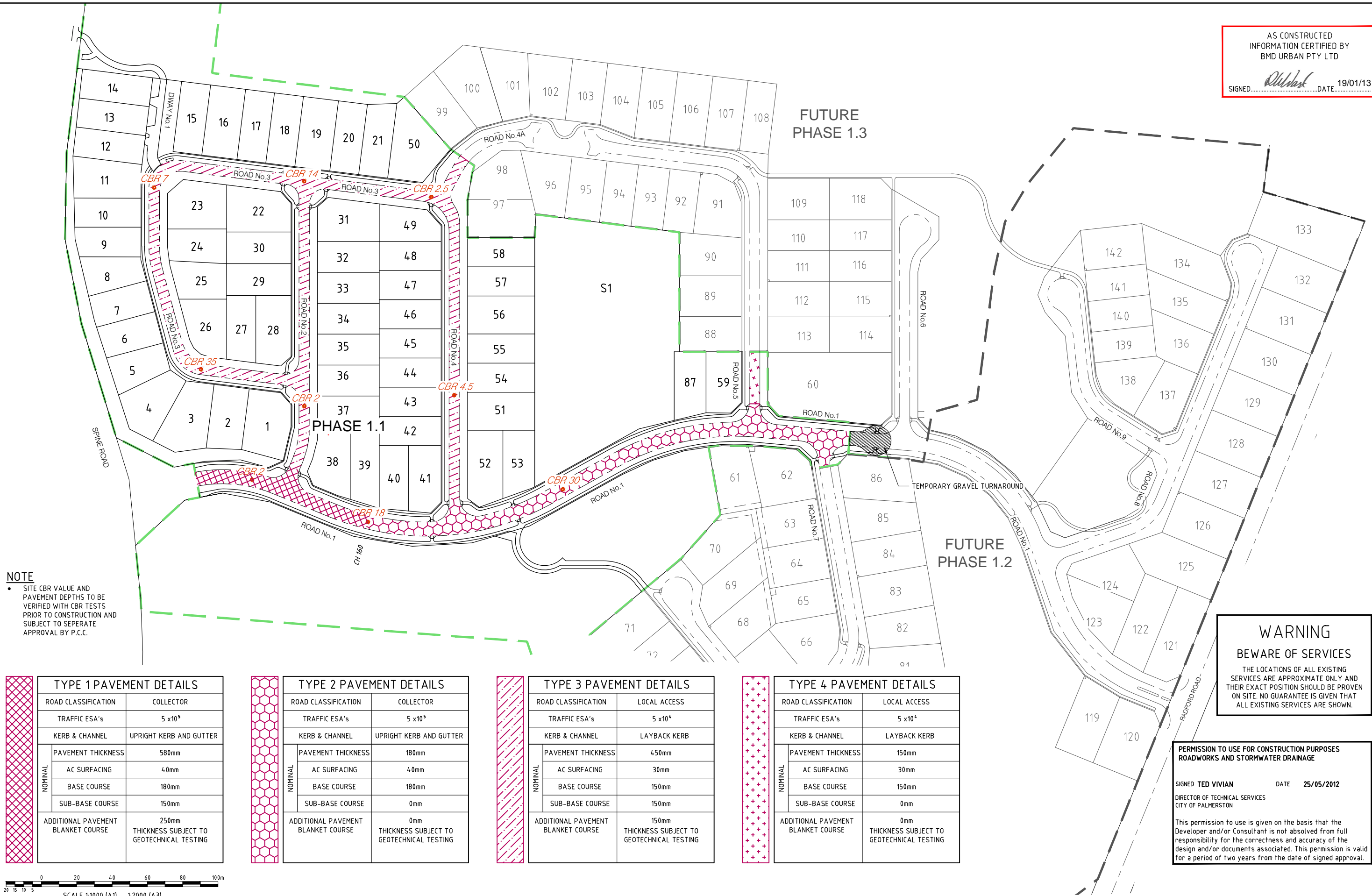
3	AS CONSTRUCTED	CR	PDW	PI			14/01/13
2	FOR CONSTRUCTION WITH ROAD 4 AMENDMENTS	CR	PDW	PI	----		17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB		02/04/12
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No.	Date
This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2011							

LAND DEVELOPMENT CORPORATION
urbex

BMD consulting
25 Cambridge Parade Maribyrnong VIC 3047
PO Box 247 Wymann QLD 4178
P: 07 3068 7000 F: 07 3068 4000
E: info@bmd.com.au
www.bmd.com.au
ABN 28 050 743 002

SGS
Civil Engineers • Structural Engineers • Project Managers • Water Servicing Co-ordinators
Brisbane • Cairns • Canberra • Gladstone • Gold Coast • Mackay • Sydney • Townsville

Client	LAND DEVELOPMENT CORPORATION/URBEX		Datum	AHD
Project	ZUCCOLI - PHASE 1.1		PSM	RL
Title	SUBSOIL COMPILATION PLAN AND DETAILS		(MGA) COORD	
			AS CONSTRUCTED	
			Project No.	Drawing No.
			B00039-CR030	3



NOTE

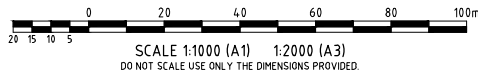
- SITE CBR VALUE AND PAVEMENT DEPTHS TO BE VERIFIED WITH CBR TESTS PRIOR TO CONSTRUCTION AND SUBJECT TO SEPERATE APPROVAL BY P.C.C.

TYPE 1 PAVEMENT DETAILS	
ROAD CLASSIFICATION	COLLECTOR
TRAFFIC ESA's	5 x10 ⁵
KERB & CHANNEL	UPRIGHT KERB AND GUTTER
NOMINAL	PAVEMENT THICKNESS
	580mm
	AC SURFACING
	40mm
NOMINAL	BASE COURSE
	180mm
NOMINAL	SUB-BASE COURSE
	150mm
ADDITIONAL PAVEMENT BLANKET COURSE	
250mm THICKNESS SUBJECT TO GEOTECHNICAL TESTING	

TYPE 2 PAVEMENT DETAILS	
ROAD CLASSIFICATION	COLLECTOR
TRAFFIC ESA's	5 x10 ⁵
KERB & CHANNEL	UPRIGHT KERB AND GUTTER
NOMINAL	PAVEMENT THICKNESS
	180mm
	AC SURFACING
	40mm
NOMINAL	BASE COURSE
	180mm
NOMINAL	SUB-BASE COURSE
	0mm
ADDITIONAL PAVEMENT BLANKET COURSE	
0mm THICKNESS SUBJECT TO GEOTECHNICAL TESTING	

TYPE 3 PAVEMENT DETAILS	
ROAD CLASSIFICATION	LOCAL ACCESS
TRAFFIC ESA's	5 x10 ⁴
KERB & CHANNEL	LAYBACK KERB
NOMINAL	PAVEMENT THICKNESS
	450mm
	AC SURFACING
	30mm
NOMINAL	BASE COURSE
	150mm
NOMINAL	SUB-BASE COURSE
	150mm
ADDITIONAL PAVEMENT BLANKET COURSE	
150mm THICKNESS SUBJECT TO GEOTECHNICAL TESTING	

TYPE 4 PAVEMENT DETAILS	
ROAD CLASSIFICATION	LOCAL ACCESS
TRAFFIC ESA's	5 x10 ⁴
KERB & CHANNEL	LAYBACK KERB
NOMINAL	PAVEMENT THICKNESS
	150mm
	AC SURFACING
	30mm
NOMINAL	BASE COURSE
	150mm
NOMINAL	SUB-BASE COURSE
	0mm
ADDITIONAL PAVEMENT BLANKET COURSE	
0mm THICKNESS SUBJECT TO GEOTECHNICAL TESTING	



6	AS CONSTRUCTED	CR	PDW	PI		14/01/13
5	PAVEMENT DESIGN AMENDED	PDW	PDW	PI		13/09/12
4	PAVEMENT DESIGN AMENDED	PDW	PDW	PI		16/08/12
3	PAVEMENT DESIGN AMENDED	PDW	PDW	PI		14/08/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB	02/04/12
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No. Date

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2012

LAND DEVELOPMENT CORPORATION

urbex

BMD consulting

25 Cambridge Parade Mundy QLD 4178
PO Box 187 Mundy QLD 4178
P: 07 3888 7000 F: 07 3888 4088
E: bmd@bmd.com.au
www.bmd.com.au
ABN 28 610 743 082

SGS

Civil Engineers • Structural Engineers • Project Managers • Water Servicing Co-ordinators
brisbane • calve • camber • gladstone • gold coast • Mackay • sydney • townsville

Client	LAND DEVELOPMENT CORPORATION/URBEX	Datum	AHD
Project	ZUCCOLI - PHASE 1.1	PSM	RL
Title	ROADWORKS PAVEMENT PLAN	(MGA) COORD	
		AS CONSTRUCTED	
		Project No.	Drawing No.
		B00039-CR031	6

Plot Date: 15/01/2013 2:21:45 AM User: CHRIS ROWE File Name: B:\urbex - consulting\URB\B00039\B00039 - zuccoli - stage 1\civil.dwg\1:2 current\B00039-PPMS

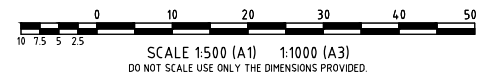


AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD
SIGNED: *Chris Rowe* DATE 19/01/13

NOTE
FOR NOTES, LINEMARKING AND SIGN
LEGEND REFER TO DRAWING CR032

WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING
SERVICES ARE APPROXIMATE ONLY AND
THEIR EXACT POSITION SHOULD BE PROVEN
ON SITE. NO GUARANTEE IS GIVEN THAT
ALL EXISTING SERVICES ARE SHOWN.

PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE
SIGNED TED VIVIAN DATE 25/05/2012
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON
This permission to use is given on the basis that the
Developer and/or Consultant is not absolved from full
responsibility for the correctness and accuracy of the
design and/or documents associated. This permission is valid
for a period of two years from the date of signed approval.

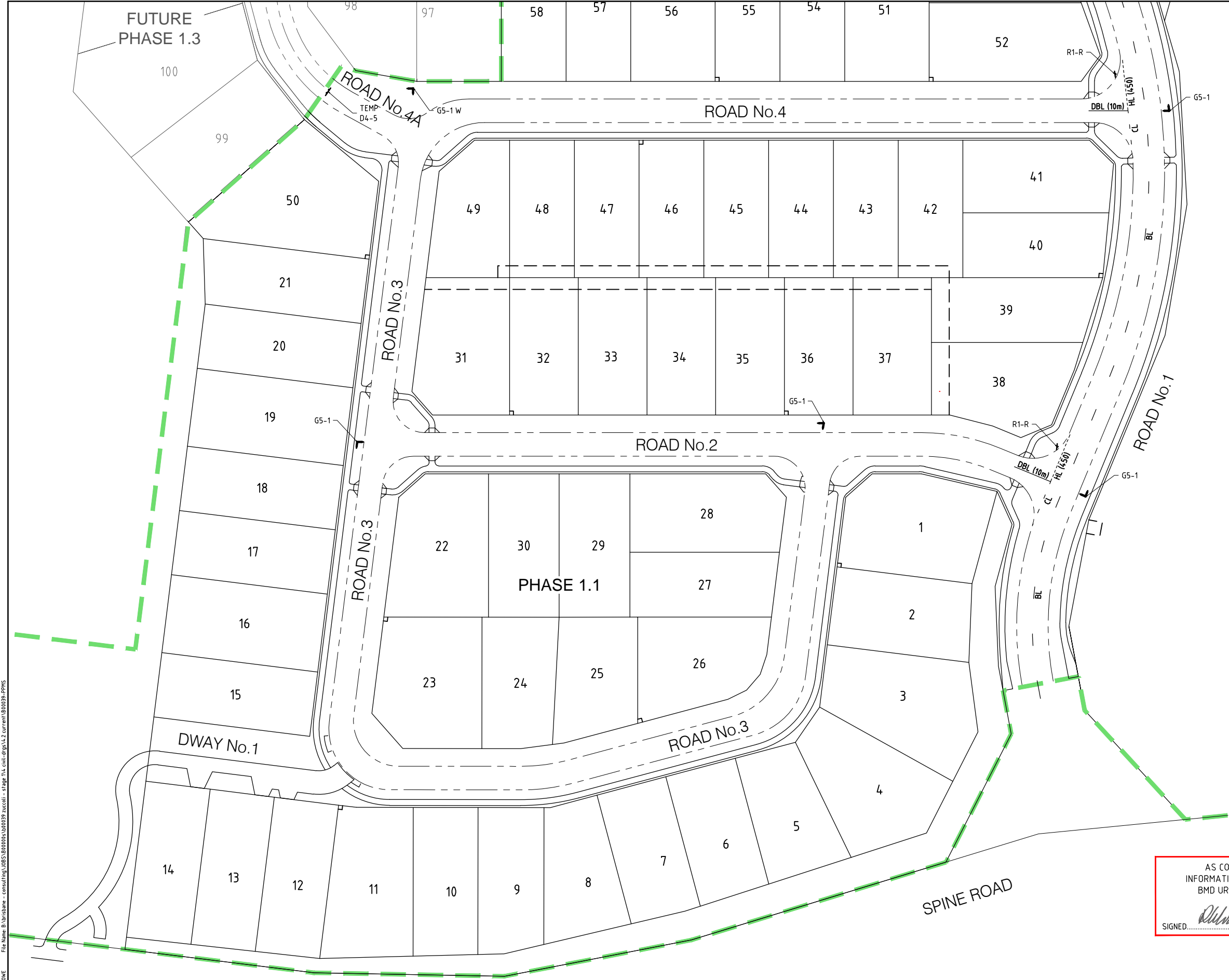


3	AS CONSTRUCTED	CR	PDW	PI		14/01/13
2	FOR CONSTRUCTION EITH ROAD 4 AMENDMENTS	CR	PDW	PI		17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB	02/04/12
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No. Date

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2012



Client	LAND DEVELOPMENT CORPORATION/URBEX	Datum	AHD
Project	ZUCCOLI - PHASE 1.1	PSM	RL
Title	LINE MARKING AND SIGNAGE PLAN SHEET 1 OF 2	(MGA) COORD	AS CONSTRUCTED
Project No.	B00039-CR033	Drawing No.	3




LEGEND


BROKEN LANE LINE BL

CONTINUITY LINE CL

HOLD LINE HL

DOUBLE BARRIER LINE DBL (10m)


R1-2


D4-5


G5-1 AS PER COUNCIL DRAWING DEV703-C-DWG-006

- NOTES**
- ALL LINE MARKING, SIGNPOSTING AND RETROREFLECTIVE PAVEMENT MARKERS (RRPMS) SHALL BE INSTALLED IN ACCORDANCE WITH AS 1742 UNO AND DPI STD DRAWINGS (S)1520 & 1521.
 - ALL SIGNS SHALL BE SIZE 'A' UNO.
 - INSTALL STREET NAME SIGNS. AT END OF PHASE 1.1 ROADS INSTALL TEMPORARY HAZARD SIGNS.


WARNING
BEWARE OF SERVICES
THE LOCATIONS OF ALL EXISTING SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

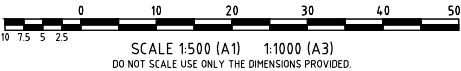
**PERMISSION TO USE FOR CONSTRUCTION PURPOSES
ROADWORKS AND STORMWATER DRAINAGE**

SIGNED **TED VIVIAN** DATE **25/05/2012**
DIRECTOR OF TECHNICAL SERVICES
CITY OF PALMERSTON

This permission to use is given on the basis that the Developer and/or Consultant is not absolved from full responsibility for the correctness and accuracy of the design and/or documents associated. This permission is valid for a period of two years from the date of signed approval.

AS CONSTRUCTED
INFORMATION CERTIFIED BY
BMD URBAN PTY LTD

SIGNED  DATE 19/01/13



3	AS CONSTRUCTED	CR	PDW	PI		14/01/13
2	FOR CONSTRUCTION EITH ROAD 4 AMENDMENTS	CR	PDW	PI		17/05/12
1	ISSUED FOR CONSTRUCTION	LM	PDW	PI	MKB	02/04/12
No.	Amendments	Drawn	Design	Appd	Registered Engineer	Reg No. Date

This drawing cannot be copied or reproduced in any form or used for any purpose other than that originally intended without the written permission of BMD Consulting Pty Ltd. © COPYRIGHT 2012






25-Carlisle Road, Murrumbidgee NSW 2570
P: 02 9333 7000 F: 02 9333 4000
E: info@bmd.com.au
www.bmd.com.au



Civil Engineers • Structural Engineers • Project Managers • Water Services Co-ordinators
Brisbane • Cairns • Canberra • Gold Coast • Mackay • Sydney • Townsville

Client **LAND DEVELOPMENT CORPORATION/URBEX**

Project **ZUCCOLI - PHASE 1.1**

Title **LINE MARKING AND SIGNAGE PLAN
SHEET 1 OF 2**

Datum **AHD**
PSM
RL
(MGA) COORD

AS CONSTRUCTED

Project No. **B00039-CR032** Drawing No. **Rev**
3