

BOX HILL-MT. CARMEL ROAD ROAD DESIGN

CONCEPT DESIGN

DRAWING LIST

No.	Drawing Title
GENERAL	
000	COVER SHEET
001	GENERAL NOTES & LEGEND
002	TYPICAL CROSS SECTIONS
ROADWORKS	
100	GENERAL LAYOUT PLAN
101	ENGINEERING PLAN SHEET 1 OF 6 INTERSECTION 01 (SIGNALISED)
102	ENGINEERING PLAN SHEET 2 OF 6 WINDSOR ROAD EAST
103	ENGINEERING PLAN SHEET 3 OF 6 ENTRY ROAD CH0- CH375
104	ENGINEERING PLAN SHEET 4 OF 6 ENTRY ROAD CH375 - CH720
105	ENGINEERING PLAN SHEET 5 OF 6 ENTRY ROAD CH720 - CH1080
106	ENGINEERING PLAN SHEET 6 OF 6 ENTRY ROAD CH1080 - CH1200.5
401	TURNING PATH DIAGRAM INTERSECTION 01
STRUCTURAL DETAILS	
901	BRIDGE CONCEPT
903	STRUCTURAL BRIDGE DETAIL SHEET 1 OF 1



LOCALITY PLAN
N.T.S.

THE HILLS SHIRE COUNCIL

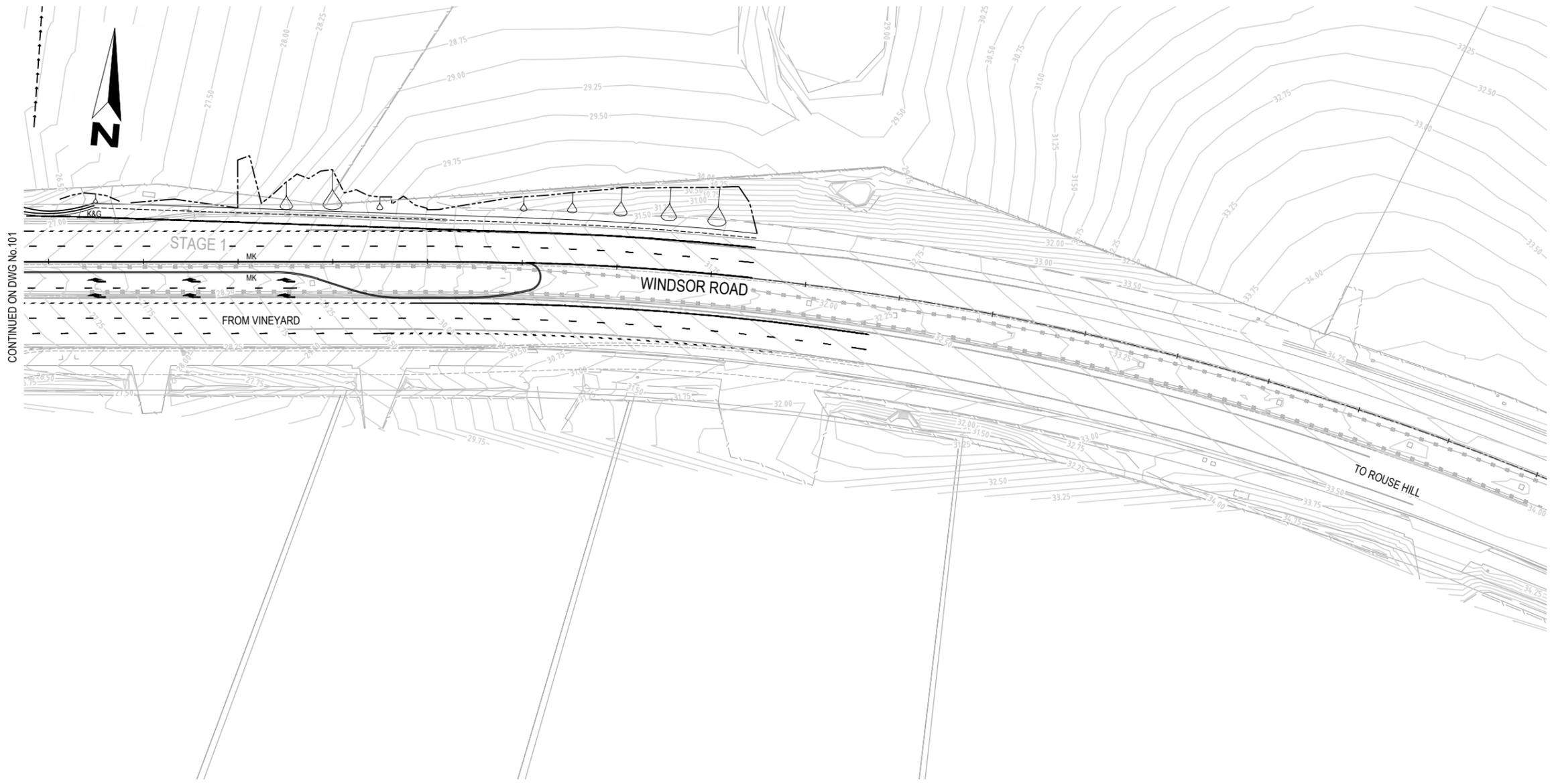


MOGUL STUD/JUNDU PTY LTD

MT CARMEL ROAD

BOX HILL - MT CARMEL ROAD





CONTINUED ON DWG No.101

CONCEPT DESIGN

FILE: I:\AT\101\0811 - BOX HILL - MT CARMEL RD\101\DRAWINGS\CONCEPT DESIGN\101_02.DWG PRINTED: 4/24/14 USER: LONTREAC@CLOANS

REVISIONS					
No.	By	Date	Description	Appd.	Date
00	MG	JP	17/04/2014	ISSUED FOR SUBMISSION	
First Issue	Drawn	Design	Check	Appd.	Date



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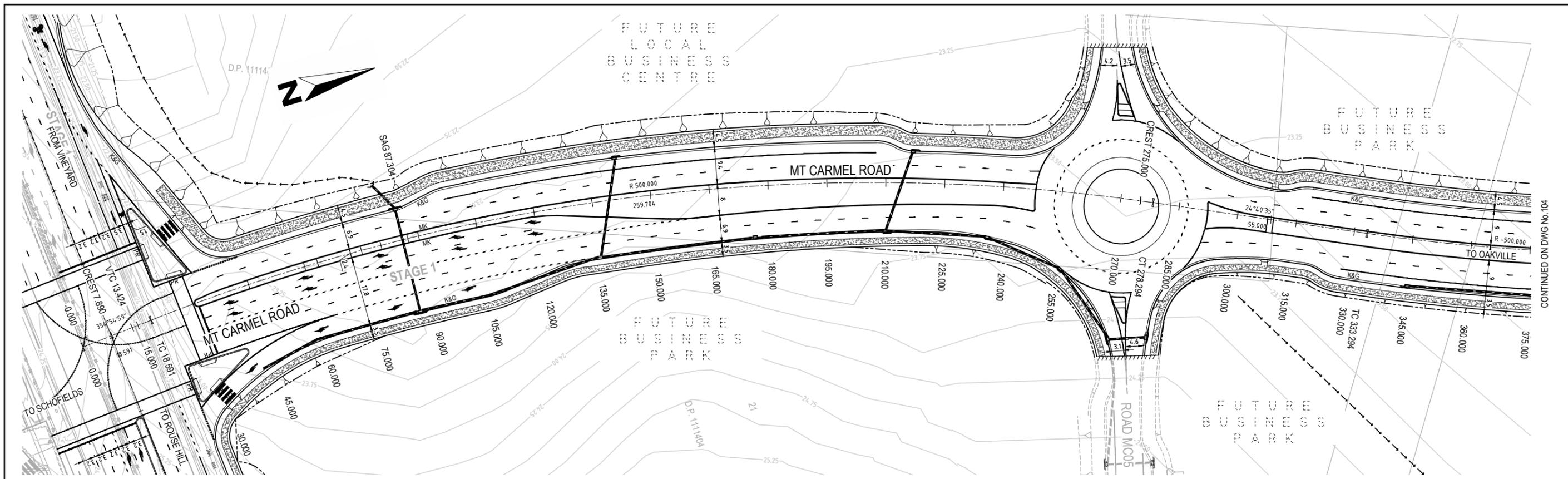
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BY: **STUART GREEN**
FIEAust. CPEng. Manager - Urban Development
SIGN: *[Signature]*
DATE: **17.4.14**

Client:
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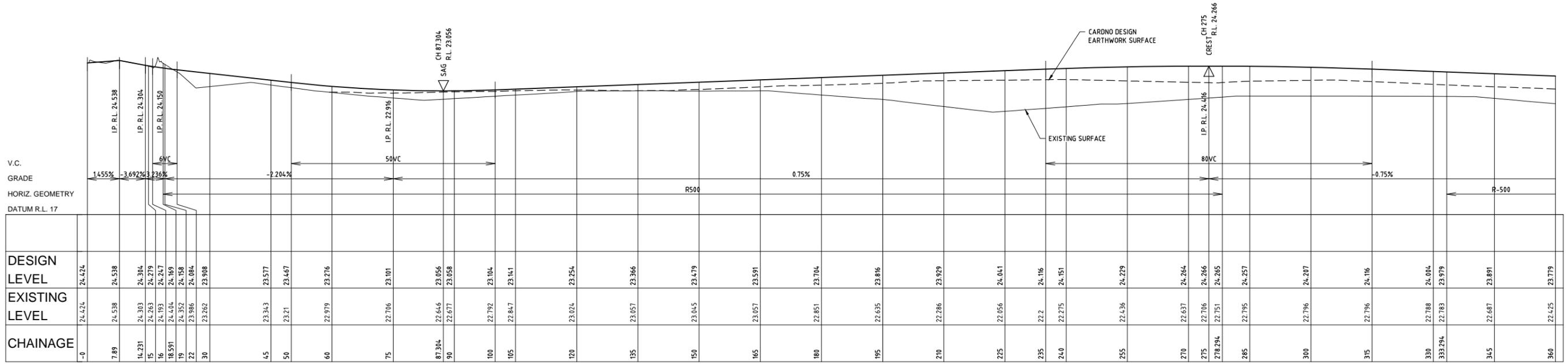
Project:
**MT CARMEL ROAD
BOX HILL - MT CARMEL ROAD**



Drawing Title: ENGINEERING PLAN SHEET 2 OF 6				
Project No.: X11295.01	Stage: CD	Milestone: CD	Dwg No.: 102	Revision: 00



CONTINUED ON DWG No. 104



LONGITUDINAL SECTION CENTRELINES - MC02

SCALE 1:500 (H)
SCALE 1:100 (V)

CONCEPT DESIGN

FILE: H:\101\0811 - BOX HILL MT CARMEL RD\101\101\DRAWINGS\ROADS\2014\101\101.DWG PRINTED: 4/21/14 USER: JONATHAN@BROWN

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1	JP	JP				



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 SIGN: [Signature]
 DATE: 17.4.14

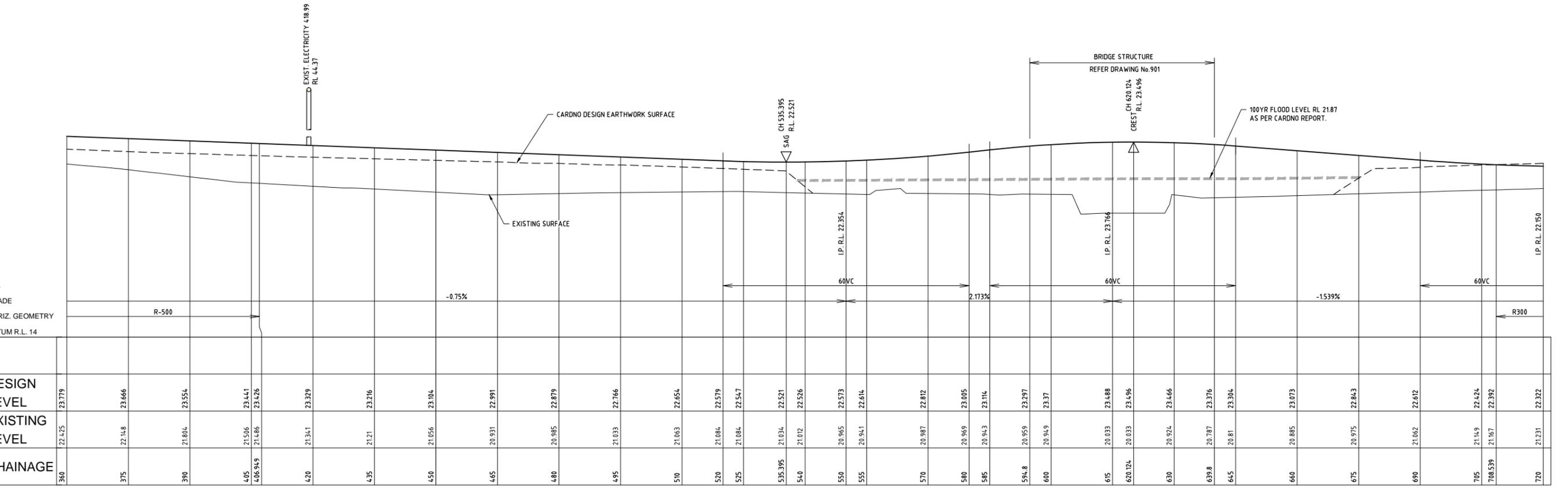
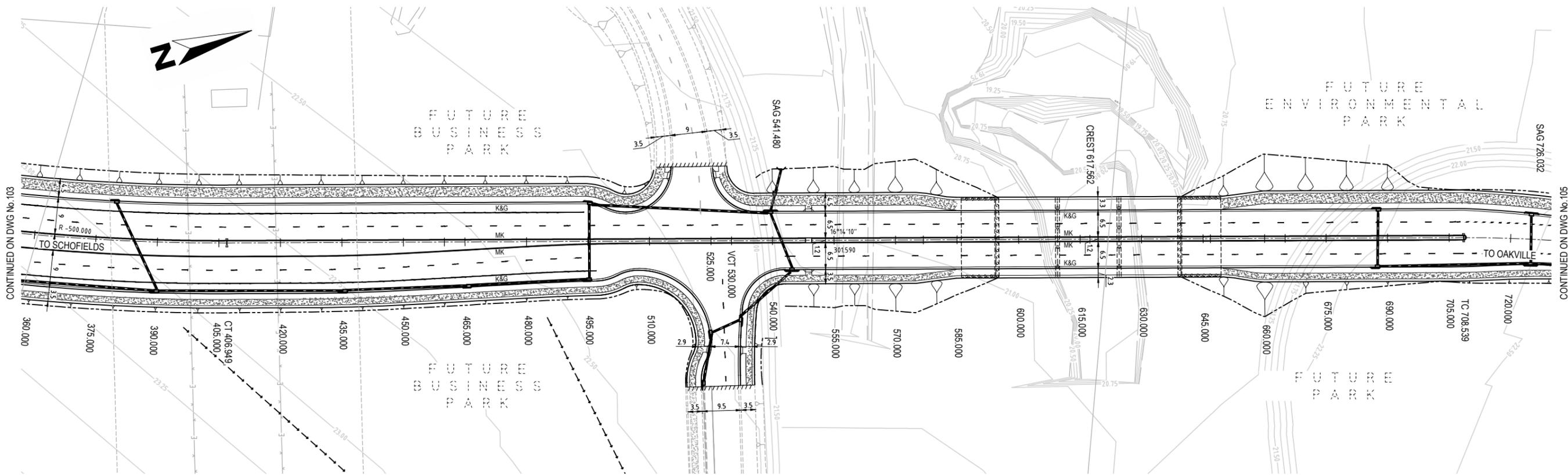
Client:
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Project:
**MT CARMEL ROAD
 BOX HILL - MT CARMEL ROAD**



Drawing Title:
ENGINEERING PLAN SHEET 3 OF 6

Project No.: X11295.01
 Stage: CD
 Milestone: 103
 Dwg No.: 103
 Revision: 00



LONGITUDINAL SECTION CENTRELINE - MC02

SCALE 1:500 (H)
SCALE 1:100 (V)

CONCEPT DESIGN

REV	DATE	BY	CHKD	APPD	DESCRIPTION
00	17/04/2014	MG	JP		ISSUED FOR SUBMISSION



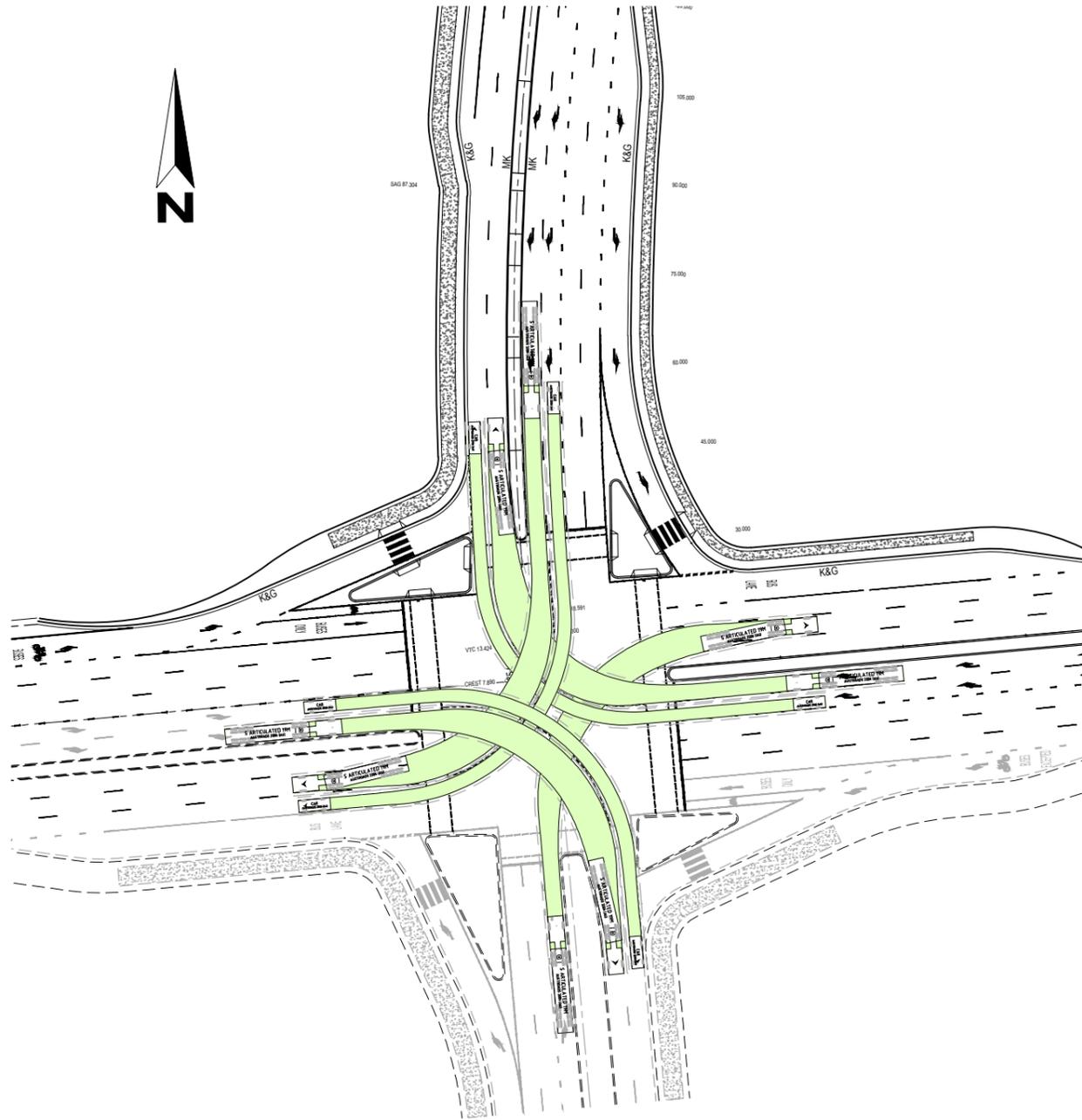
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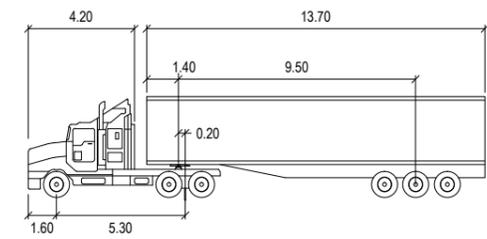
Client:
MOGUL STUD/JUNDU PTY LTD
Project:
MT CARMEL ROAD
BOX HILL - MT CARMEL ROAD



Drawing Title: ENGINEERING PLAN SHEET 4 OF 6			
Project No.: X11295.01	Stage: CD	Milestone: 104	Dwg No.: 00



TURNING PATH LAYOUT
SCENARIO ONE



S ARTICULATED 19M meters

Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Tractor Track	: 2.50	Steering Angle	: 27.7
Tractor Length	: 4.20	Articulating Angle	: 70.0
Trailer Width	: 2.50		
Trailer Track	: 2.50		

CAR meters

Width	: 1.94
Track	: 1.84
Lock to Lock Time	: 6.0
Steering Angle	: 33.5

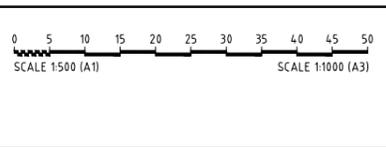
DESIGN VEHICLES:

- NOTES:**
- 1 - Concept design layout, subject to detail design development
 - 2 - Minimum 2m clearance provided between vehicle undertaking 'double diamond' turn

CONCEPT DESIGN

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01	JP	JP					



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DATE: **17.4.14**

Client:
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Project:
**MT CARMEL ROAD
BOX HILL - MT CARMEL ROAD**



Drawing Title: TURNING PATH DIAGRAM INTERSECTION 01				
Project No.:	Stage:	Milestone:	Dwg No.:	Revision:
X11295.01	CD	CD	401	00

