

M^CLAREN TRAFFIC ENGINEERING

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Division of RAMTRANS Australia ABN: 45067491678 RPEQ: 19457

Transport Planning, Traffic Impact Assessments, Road Safety Audits, Expert Witness

8 April 2025

Reference: 220394.03FA

Metro Planning
8 Mortain Avenue
Allambie Heights NSW 2100
Attention: John McKee

SUPPLEMENTARY TRAFFIC ADVICE REGARDING THE EXISTING QUARRY AT 28 CORAL PARK ROAD, WOLUMLA

Dear John,

Reference is made to your request to provide supplementary traffic advice for the existing quarry at 28 Coral Park Road, Wolumla (as depicted in **Annexure A**) in response to Bega Valley Shire Council comments which were provided within an email dated 7 April 2025. The comments made by Council relevant to traffic and parking are shown below (*italicised*) with *M^CLaren Traffic Engineering's* (MTE) response thereafter.

The intersection of Coral Park Road and Princes Highway will require improvement as there is insufficient width to safely permit a 19m AV and car to pass while simultaneously entering/exiting the intersection. Council will require the applicant to cover cost associated with this work (will be outside the VPA) and this will be a condition of consent. Once this work is completed Council will take responsibility for the maintenance of Coral Park Road from the intersection of Princes Highway to the start of that section covered by the VPA.

MTE Response: A concept intersection layout has been prepared and shown in **Annexure B**. The concept intersection provides for two-way passing of a B99 car and a 20m long Articulated Vehicle (AV) while traversing between Coral Park Road and Princes Highway.

Please contact the undersigned on 9521 7199 should you require further information or assistance.

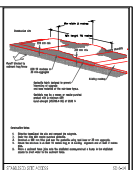
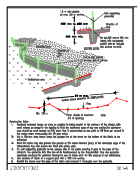
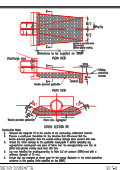
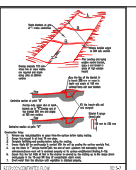
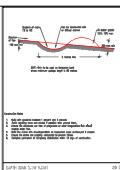
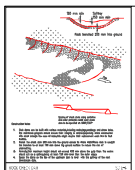
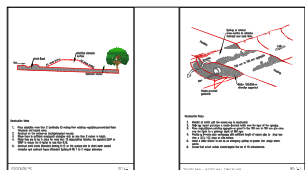
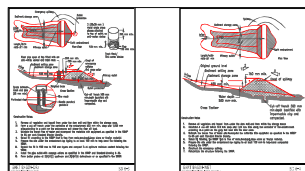
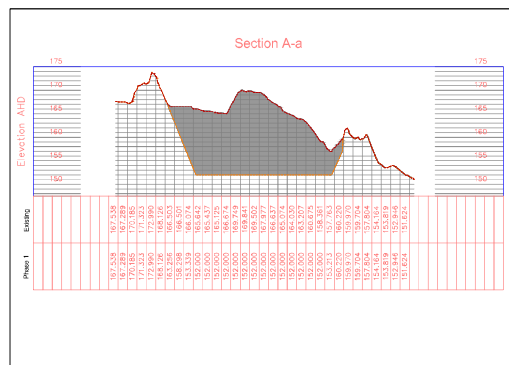
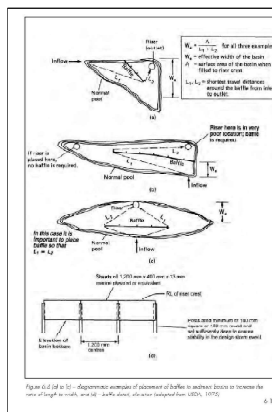
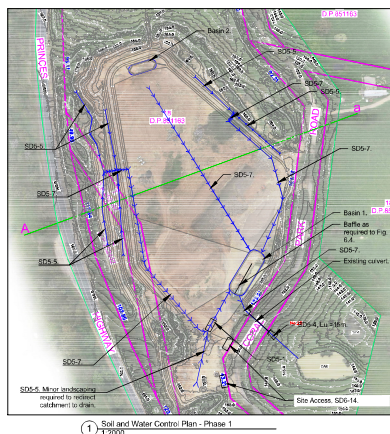
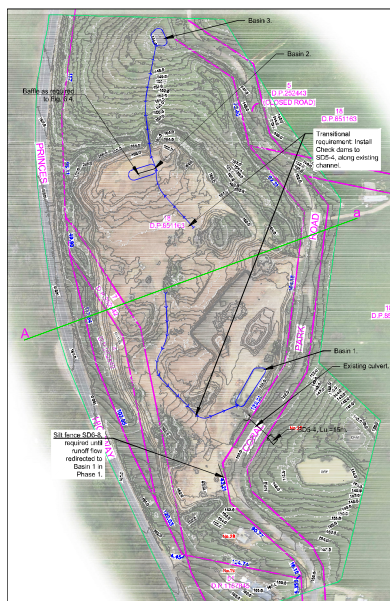
Yours faithfully,
M^CLaren Traffic Engineering



Daniel Walker
Principal Traffic Engineer
B.E. (Hons) (Schol) (Civil Engineering)
TfNSW Accredited Level 2 Road Safety Auditor



ANNEXURE A: SITE PLAN
(1 SHEET)

[illegible]

02	Amended/Removal of Phase-2	MB	27 Jun 2012
01	Issue For DA	MB	29 Apr 2012
REV	DESCRIPTION	BY	DATE
STATUS: ISSUED 01			

BSE CONSULTING ENGINEERS
BSE Consulting
STRUCTURAL
CIVIL
ENVIRONMENTAL
www.bseconsulting.com.au

CLIENT:
Murray Walsh

PROJECT:

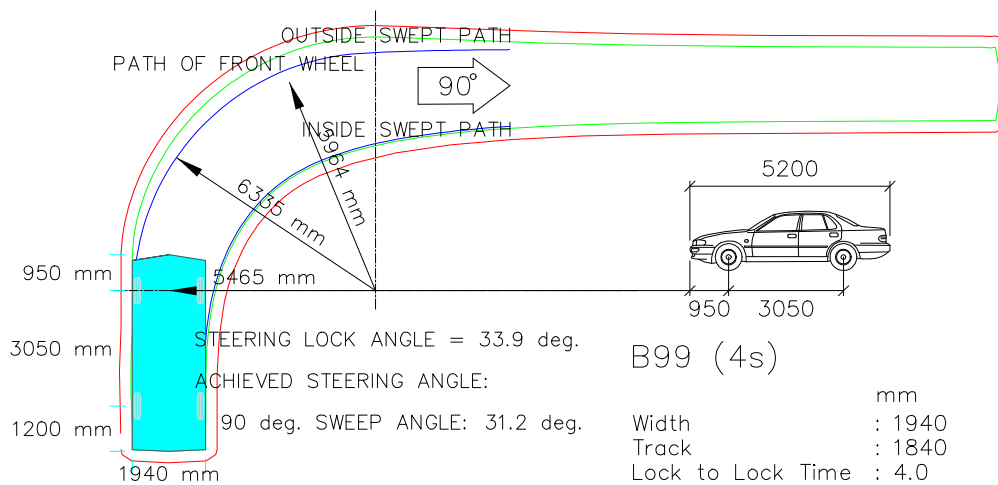
Proposed Quarry Expansion

SITE:	28 Coral Park Road Wulumia NSW 2550
TITLE:	Soil and Water Control Plan

SCALE AT A1: 1:2000	DATE: 27 Jun 23	DRAWN: JG	CHECKED: MV
PROJECT NO: KEE01-02	DRAWING NO: C01		REVISION: 02



**ANNEXURE B: CONCEPT INTERSECTION LAYOUT
(3 SHEETS)**



B99 (4s)

Width : 1940
Track : 1840
Lock to Lock Time : 4.0
Steering Angle : 33.9

B99 (4s)

MTE

[mm]

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Blue – Tyre Path
Green – Vehicle Body
Red – 300mm Clearance
All tests performed at 10km/h on public roads
and 5km/h internally.



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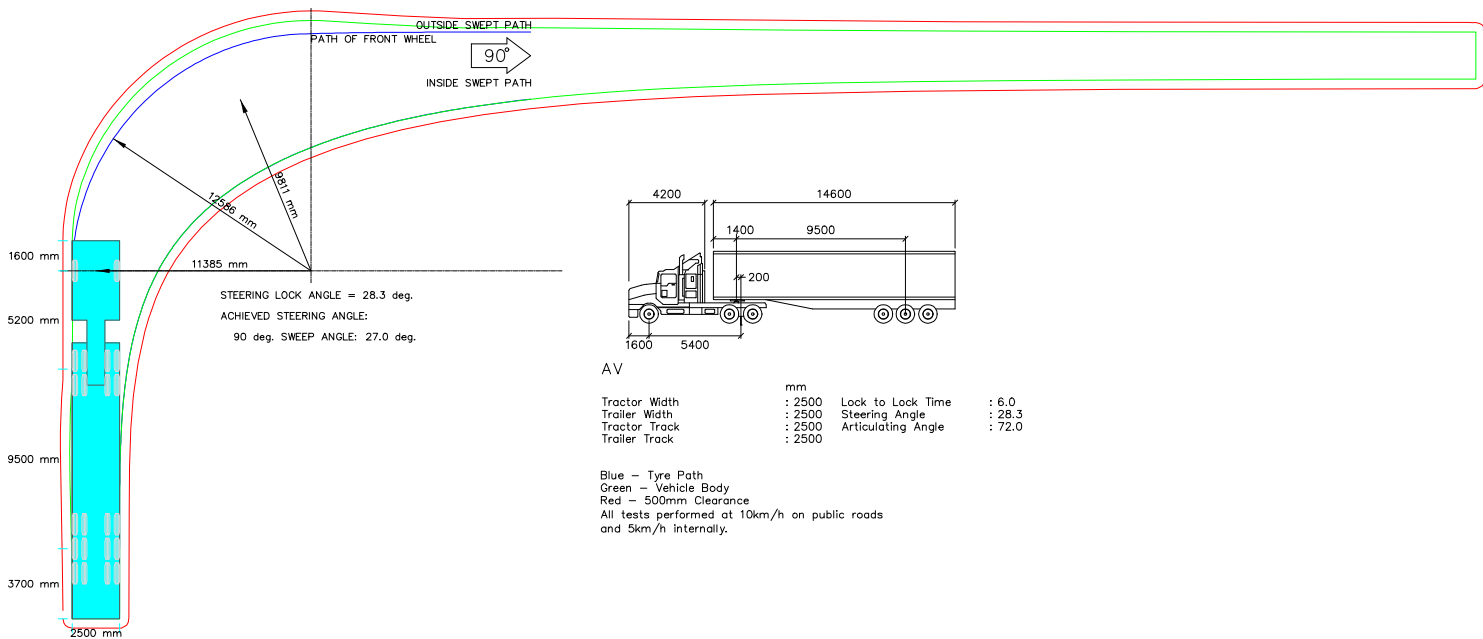
Drawing Title:
B99 Vehicle Template

Notes:
CONCEPT PLAN ONLY.
NOT FOR CONSTRUCTION.

Tested Using:
*AutoTURN 11
*VICAD 2019
Scale @ A3 1:100

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AV
STANDARDS 2018 (AU)
[mm]
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0m 5m 10m

Tractor Width	: 2500	Lock to Lock Time	: 6.0
Trailer Width	: 2500	Steering Angle	: 28.3
Tractor Track	: 2500	Articulating Angle	: 72.0
Trailer Track	: 2500		

Blue - Tyre Path
Green - Vehicle Body
Red - 500mm Clearance
All tests performed at 10km/h on public roads
and 5km/h internally.



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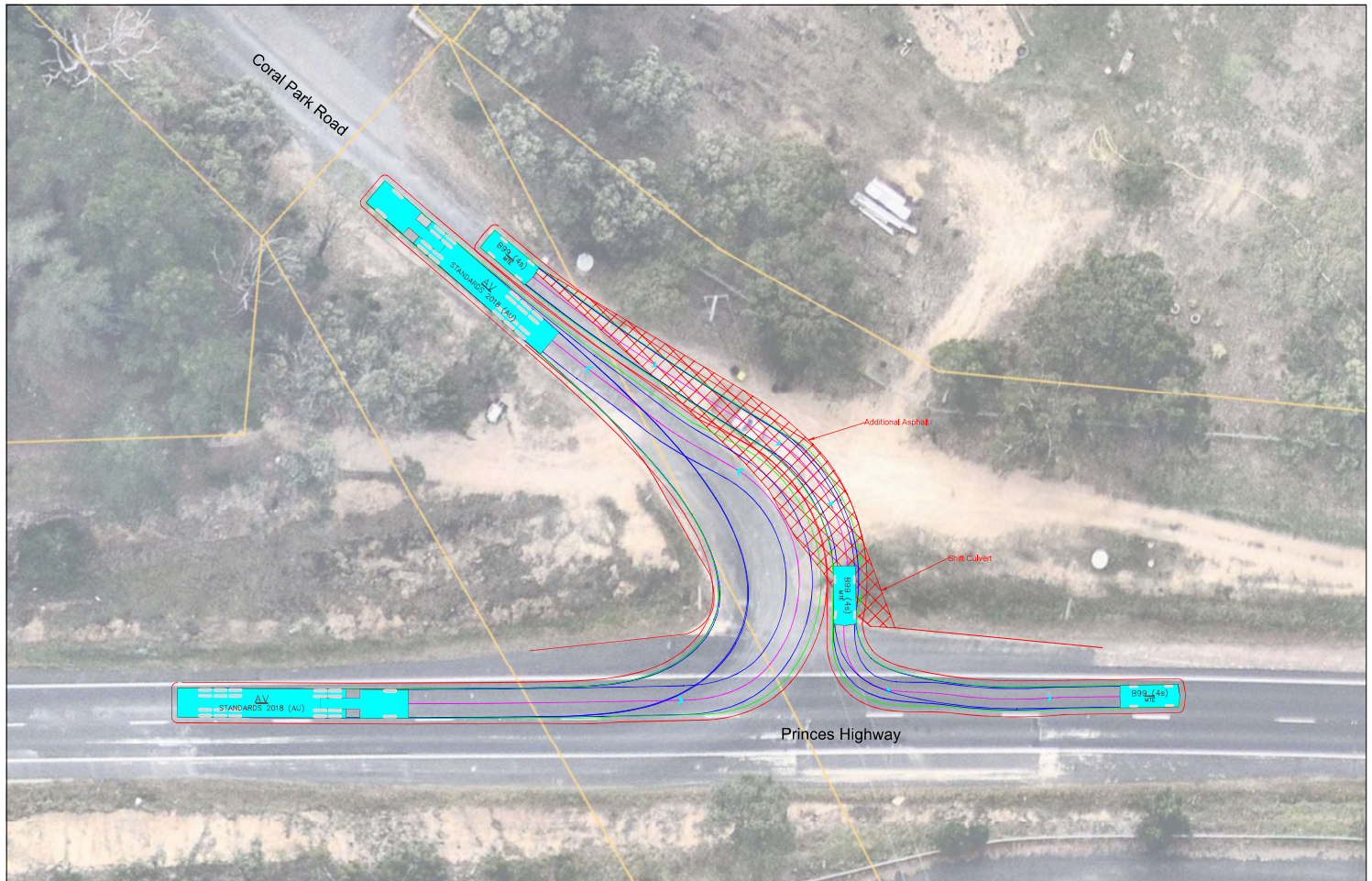
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Notes:
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Tested Using:
AutoTURN 11
2019/04/19
Scale @ A3 1:200

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CLIENT / Project:
Metro Planning

Project Address:
28 Coral Park Road, Wollumbi

Notes:
CONCEPT PLAN ONLY.
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Tested Using:
AutoTURN 10
V2WCAD 2019

Drawing Title:
MTE Intersection Concept

Project No:	Drawing No:
2022-394	2022-394-02A

Revision	Date	By
A	08/05/2023	



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