



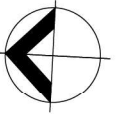
- L7 - Edge of bicycle lane adjacent to traffic (100mm thick)
- 3.0m — 1.0m — C4 - Bicycle lane continuity line (100mm thick)
- E3 - Right hand edge of divided carriageway (150mm thick)
- BB - Dividing Barrier Lines (100mm thick 100mm apart)
- — — — — TB - Give Way Line (300mm thick)

LINEMARKING DETAILS
REFER TO RMS SPECS FOR ADDITIONAL DETAIL

All Line Marking to be in accordance with AS 1742 and RMS specs

This plan is NOT to be used for construction purposes unless it carries the approval stamp of the local authority.

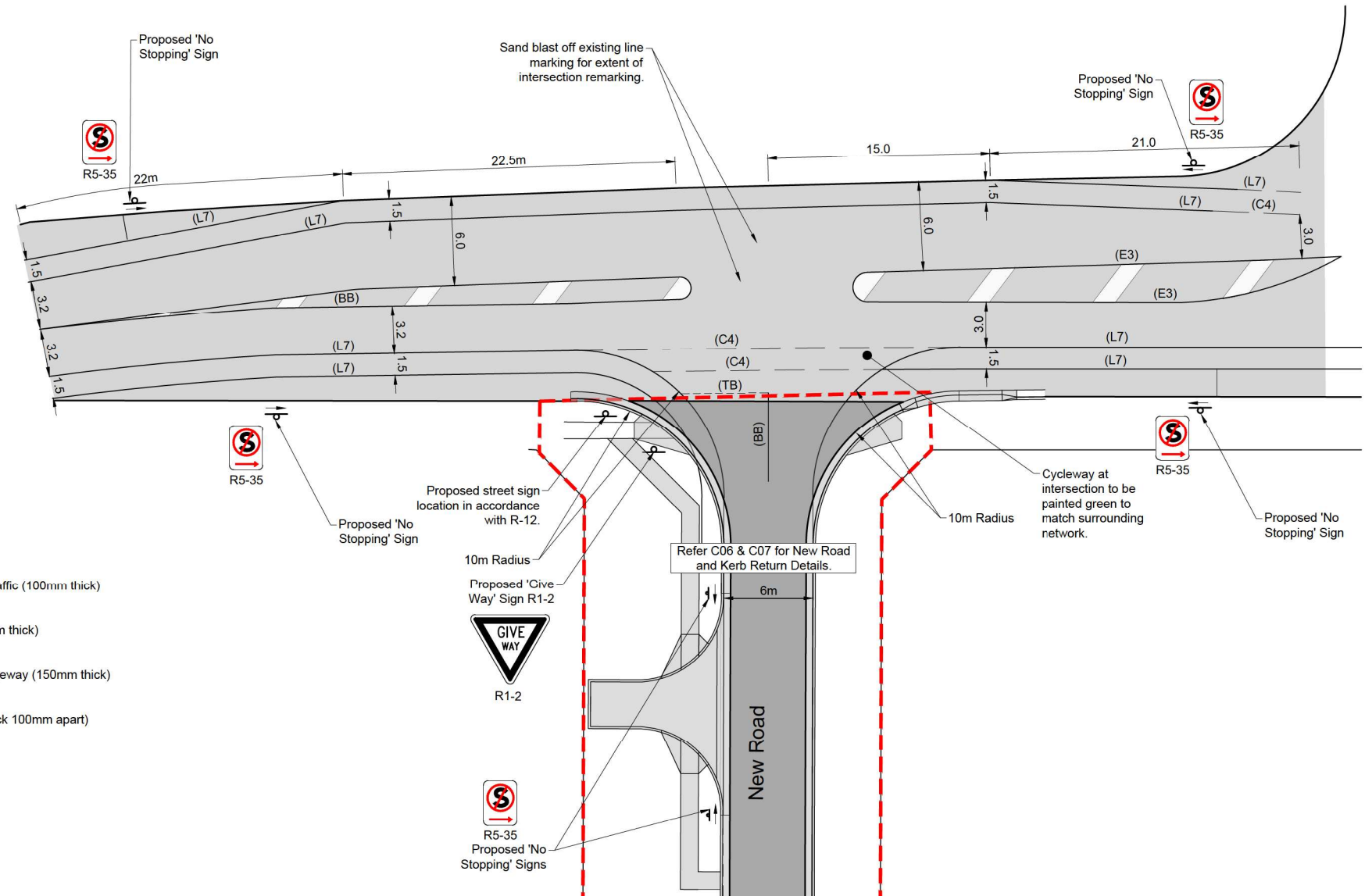
0 100 200 300 400 500 600 700 800				Client:	Project:		Title:		ARDILL PAYNE		Design		Scale 1:200 @ A1, 1:400 @ A3								
				Mark Howard	Proposed Unit Development 67 Bangalow Road Byron Bay		BAR Intersection Arrangement & Line Marking New Access Road / Bangalow Road		ENGINEERS PLANNERS SURVEYORS ENVIRONMENTAL PROJECT MANAGEMENT BALLINA 45 River Street Ph. 02 6686 3280 GUNNEDAH 285 Conadilly Street Ph. 02 6742 9955 A.B.N. 51 808 558 977 e-mail: info@ardillpayne.com.au		Drawn AH		0 2 4 6 8 10								
											Checked RB		Datum AHD								
											Approved RB		Drafting File 11126_C18_ISSE_recover.dwg								
				Issue	Date	Description	App'd	Do not scale drawing. Use written dimensions only This plan is copyright © All rights reserved.			Date 07/12/2021		Design File								
											Job No 11126		Dwg No. C18								
												Issue									
													B								



Paterson Street

Bangalow Road

Bangalow Road



- L7 - Edge of bicycle lane adjacent to traffic (100mm thick)
- C4 - Bicycle lane continuity line (100mm thick)
- E3 - Right hand edge of divided carriageway (150mm thick)
- BB - Dividing Barrier Lines (100mm thick 100mm apart)
- TB - Give Way Line (300mm thick)

LINEMARKING DETAILS
REFER TO RMS SPECS FOR ADDITIONAL DETAIL

All Line Marking to be in accordance with AS 1742 and RMS specs

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Issue	Date	Description	App'd
B	26/05/2022	Amended to suit Council Comments	AH
A	09/05/2022	Original Issue	AH

Client:

Mark Howard

Project:

Proposed Unit Development
67 Bangalow Road
Byron Bay

Title: BAR Intersection Arrangement
& Line Marking New Access Road
/ Bangalow Road (No Aerial)

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ARDILL PAYNE
ENGINEERS PLANNERS SURVEYORS
ENVIRONMENTAL PROJECT MANAGEMENT

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Design	AH	Scale	1:200 @ A1, 1:400 @ A3
Drawn	AH		
Checked	RB	Datum	AHD
Approved	RB	Drafting File	11126_C18_SSSE_recover.dwg
Date	07/12/2021	Design File	
Job No.	11126	Dwg No.	C19
Issue			B



Sight Distance reference tables (based of 50 km/hr design speed and Rt = 2.0) - USED Conservative
SSD Required = 97m (Based on table 3.2 of Austroads Part 4A)
ASD = 55m (Based on table 3.1 of Austroads Part 4A)
SSD = 55m Based on table 5.5 of Austroads Part 3)

Sight Distance reference tables (based of 50 km/hr design speed and Rt = 1.5)
SSD Required = 90m (Based on table 3.2 of Austroads Part 4A)
ASD = 48m (Based on table 3.1 of Austroads Part 4A)
SSD = 48m Based on table 5.5 of Austroads Part 3)

- Note: Design Speed based off 50km/hr speed limit. Actual travel speeds are expected to be significantly lower due to the high traffic volumes and presence of surrounding intersections and driveways access Bangalow Road.
- Note: Sight distances are based off a Reaction time of 2 seconds. Table 5.2 of Austroads part 3 allows for reaction times to be reduced to 1.5 seconds in built up areas with high traffic volumes.
- Note: Grades through the intersection are minimal.

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Issue	Date	Description	App'd
D	26/05/2022	SSD Added	AH
C	10/03/2022	Revised in response to Council Email dated 07/12/2021	AH
B	07/12/2021	Revised in response to Council RFI dated 07/12/2021	AH
A	07/12/2021	Original Issue	AH

Client:

Mark Howard

Project:

Proposed Unit Development
67 Bangalow Road
Byron Bay

Title:

Proposed Intersection
Sight Distance

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ARDILL PAYNE
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Design	AH	Scale	1:200 @ A1, 1:400 @ A3
Drawn	AH		
Checked	RB	Datum	AHD
Approved	RB	Drafting File	11126_SK01_JSSD.dwg
Date	07/12/2021	Design File	
Job No	11126	Dwg No.	SK03
		Issue	D