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environmental and geoscience consultants

17 August 2023

Anstey Road Developments Pty Ltd C/- LWP Property Group Pty Ltd PO Box 7568 Cloisters Square PERTH WA 6850

Attention: Carly Burgess, Assistant Development Manager

Dear Carly

Re: Certification by Bushfire Consultant – Stage 7, Kara, Treeby, WAPC 162591 Approval Conditions 13, 14, and 15

I refer to approval conditions 13, 14, and 15 of Western Australian Planning Commission (WAPC) Approval 162591 that state:

Condition 13:

A notification, pursuant to Section 165 of the Planning and Development Act 2005 is to be placed on the certificate(s) of title of the proposed lot(s) with a Bushfire Attack Level (BAL) rating of 12.5 or above, advising of the existence of a hazard or other factor. Notice of this notification is to be included on the diagram or plan of survey (deposited plan).

Condition 14:

A plan is to be provided to identify areas of the proposed lot(s) that have been assessed as BAL-40 or BAL-Flame Zone. A restrictive covenant to the benefit of the local government, pursuant to Section 129BA of the Transfer of Land Act 1893, is to be place on certificate(s) of title of the proposed lot(s) advising of the existence of a restriction on the use of the land within areas that have been assessed as BAL-40 or BAL-Flame Zone. Notice of this restriction is to be included on the diagram or plan of survey (deposited plan).

Condition 15:

Information is to be provided to demonstrate that the measures contained the bushfire management plan submitted in support of the application have been implemented during subdivisional works. This information should include a completed 'Certification by Bushfire Consultant' from the bushfire management plan.

I have reviewed the Bushfire Management Plan prepared by JBS&G Australia Pty Ltd for Lot 703 Armadale Road, Treeby, within the City of Cockburn, and in particular, Section 1 of Table 6 that details the developer's responsibilities prior to the issue of titles and confirm that they have been implemented. Evidence that supports that assessment is summarised in Table 1, with additional evidence relating to numbers 3 and 4 shown in Figure 1.



I have also considered the information included in the September 2022 Stage 7 Subdivision Plan with BAL-ratings for Lot 9004 Lycaste Pde prepared by Hatch RobertsDay submitted in support of the Stage 7 subdivision. Information provided by Anstey Road Developments P/L have indicated some changes to the design of Stage 7 that has increased the separation distance between the classified vegetation to the north and the Lot boundary and has resulted in a reduction in projected BAL-ratings. The updated BAL-contour diagram and BAL-ratings are included in Figure 1.

Table 1: Compliance Evidence

No.	Implementation Action	Evidence of Compliance
Comp	oliance with BMP Requirements	
1	Construct the public roads and reticulated water supply to the standards stated in this BMP, as well as any temporary access staging requirements (e.g. temporary compliant EAWs/cul-de-sacs).	 It is a requirement that engineering plans associated with road construction are approved by the City of Cockburn prior to the commencement of construction. It is a requirement that engineering plans associated with hydrant location and construction standard are approved by the Water Corporation prior to the commencement of construction. Stage 7 extends the Kara, Treeby development area, with surrounding road and hydrant installation complying with relevant standards (Figure 1).
2	Construct the permanent cul-de-sac to the standards stated in this BMP.	Not applicable to this stage.
3	Install the EAW to Ghostgum Avenue and associated signs/gates to the standards stated in this BMP.	The emergency access way to Ghostgum Ave is no longer available as it has been blocked off and landscaping/ rehabilitation works of the batter commenced.
		 To ensure two access/egress options are available for the Kara subdivision, Lycaste Pde has been constructed up to the eastern extent of Stage 6 in Kara, with construction also occurring in the neighbouring development, Lake Treeby to the east, to provide a second access/egress option for that development (refer DP423211 that is provided as Attachment 1).
		 For Stage 7, Filigree Grove will provide two egress options to Primrose Loop and Lycaste Pde, and ready access to Ghostgum Ave to the west (Figure 1).
4	Establish any low threat areas (e.g. site footprint, POS, staging buffers, etc) to the standards stated in this BMP to achieve the intended BAL outcomes.	 Figure 1 shows the proposed Lot layout as it pertains to this area, with roads and other cleared areas between Lots and classified vegetation currently present on site. The BAL-contour Plan prepared by Hatch RobertsDay includes an area of POS to the front of the Bush Forever Site that has been designed by Emerge Associates (Killick, 2023) that will be maintained as low threat vegetation as defined by AS 3959:2018.
		 The inclusion of this low threat area means that Lot 580 closest to the Bush Forever Site is of sufficient size for a BAL-29 rating to be achieved, with an indicative building indicated (Figure 1). An updated BAL-contour and ratings diagram has been
		provided (Figure 1)



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Planning & Design Accredited Practitioner

No.	Implementation Action	Evidence of Compliance
5	Undertake BMP compliance assessment.	This document provides the BMP compliance assessment.
Comp	pliance with Hatch RobertsDay BAL-conto	ur Diagram
6	Site design enables the provision of suitable separation distances between Lots and classified vegetation to the north	 All Lots will have a BAL-rating, with none higher than BAL-29, as per no. 4 above. The updated BAL-contour and ratings diagram has been provided (Figure 1).

If there are any questions or clarifications required in relation to the information provided in this certification, I can be contacted on 0439 435 110 or via email at sbrand@mbsenvironmental.com.au.

Yours sincerely

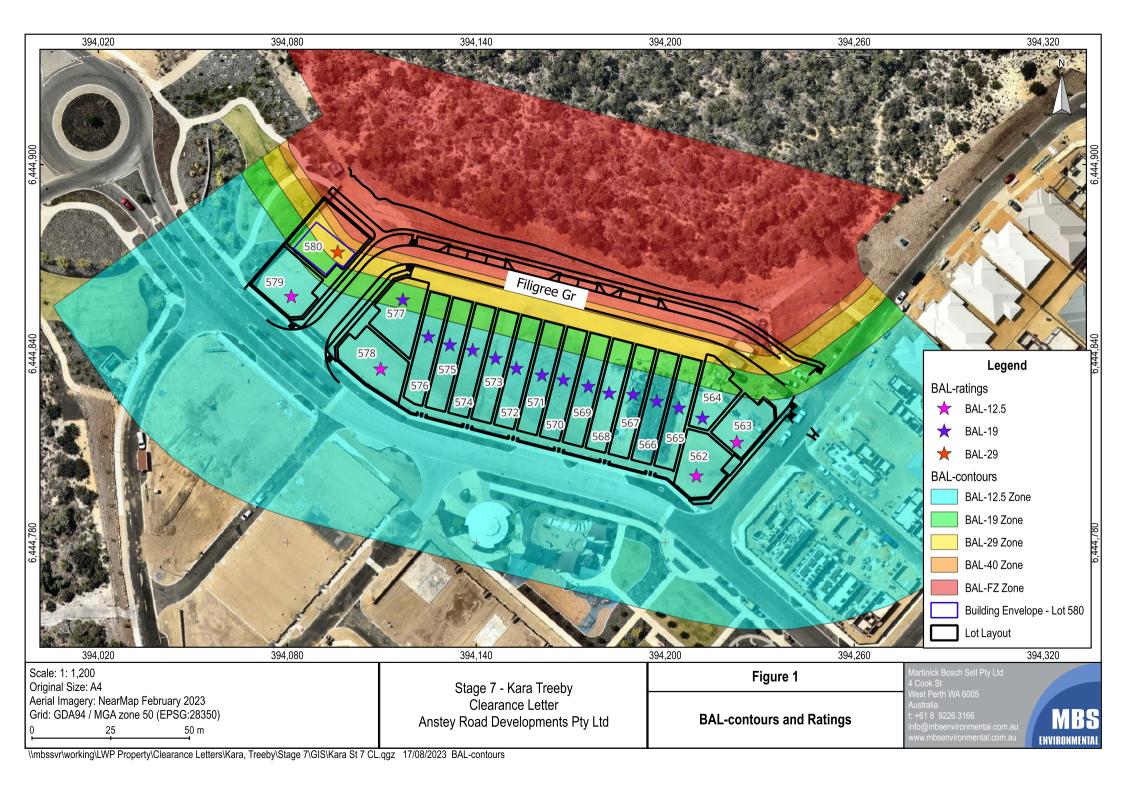
MBS Environmental

Sue Brand

Principal Environmental Scientist

Susani Band





LWP Property Group Pty Ltd Kara, Treeby

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Attachment 1: Lake Treeby Emergency Access Easement (DP423211)



Plan Inforr	nation		
Tenure Type		Freehold	
Plan Type		Deposited Plan	
Plan Purpose		Subdivision	
Plan Head	ing		
		-397, 470-503, 506-514, 519, 5 576, 600-603, 648-660, 8004 - 8	
Locality &	Local Govern	nment	
Locality		Treeby	
Local Govern	ment	City of Cockburn	
File Number	it of Planning	g, Lands and Heritage	
rile ivuilibei			
Examination	on		ISC - D078-22
	-		
	Ben		
	C.Sa-	- ,	07-Jul-2022
Examined Planning A	pproval		07-Jul-2022 Date
	•		Date
Planning A	•	. Western Australian Planning	Date
Planning A	•	_	Date
Planning A	•	_	Date
Planning A Planning Auth Reference	•	159402	Date
Planning Auth Planning Auth Reference Delegated ur	ority nder S. 16 P&D /	159402	Date Commission
Planning A Planning Auth Reference Delegated ur	ority	159402	Date Commission
Planning Auth Reference Delegated ur In Order Fe	ority ander S. 16 P&D / or Dealings Sections 152, 16	159402 Act 2005 55, 167 and 168(1)(2) of the P&	Date Commission Date
Planning Auth Reference Delegated ur In Order F- Subject To	ority Inder S. 16 P&D / Or Dealings Sections 152, 16 Sections 70 and	159402 Act 2005	Date Commission Date
Planning Auth Reference Delegated ur In Order F- Subject To	ority Inder S. 16 P&D / Or Dealings Sections 152, 16 Sections 70 and	159402 Act 2005 35, 167 and 168(1)(2) of the P& 129BA of the TLA 1893	Date Commission Date
Planning Auth Reference Delegated ur In Order F- Subject To	ority Inder S. 16 P&D / Or Dealings Sections 152, 16 Sections 70 and	159402 Act 2005 35, 167 and 168(1)(2) of the P& 129BA of the TLA 1893	Date Commission Date
Planning Auth Reference Delegated ur In Order F- Subject To	ority Inder S. 16 P&D / Or Dealings Sections 152, 16 Sections 70 and	159402 Act 2005 35, 167 and 168(1)(2) of the P& 129BA of the TLA 1893	Date Commission Date
Planning Auth Reference Delegated ur In Order F- Subject To	ority Inder S. 16 P&D / Or Dealings Sections 152, 16 Sections 70 and	159402 Act 2005 35, 167 and 168(1)(2) of the P& 129BA of the TLA 1893	Date Commission Date
Planning Auth Planning Auth Reference Delegated ur In Order Fr Subject To	ority or Dealings Sections 152, 16 Sections 195 &	159402 Act 2005 35, 167 and 168(1)(2) of the P& 129BA of the TLA 1893	Date Commission Date
Planning Auth Reference Delegated ur In Order F- Subject To	ority or Dealings Sections 152, 16 Sections 195 &	159402 Act 2005 35, 167 and 168(1)(2) of the P& 129BA of the TLA 1893	Date Commission Date Date
Planning Auth Planning Auth Reference Delegated ur In Order Fr Subject To	ority Index S. 16 P&D / or Dealings Sections 152, 16 Sections 70 and Sections 195 &	159402 Act 2005 35, 167 and 168(1)(2) of the P& 129BA of the TLA 1893	Date Commission Date Date

Field Records	148973	
Declared as Special Survey Area	Yes	
Survey Method Regulat	tory Statement	
Survey carried out under Reg sheet(s) to determine the true this plan.		
Survey Method and Pla	n Content Variation	ns
Approved Variation Type	n Content Variation	Reference
Approved Variation Type REG 26A(1) FINAL MARKING	G DEFERRED	Reference (Approved ID D078-22 - Dated 20 May 2022,
Approved Variation Type REG 26A(1) FINAL MARKING	G DEFERRED	Reference (Approved ID D078-22 - Dated 20 May 2022,
Approved Variation Type REG 26A(1) FINAL MARKING Survey Certificate - Reg	G DEFERRED gulation 54	Reference (Approved ID D078-22 - Dated 20 May 2022, Landgate File 06909-2021)
Approved Variation Type REG 26A(1) FINAL MARKING Survey Certificate - Reg I, Charles A YOUNGE hereby certify that this plan is a	G DEFERRED gulation 54 accurate and is a correct	Reference (Approved ID D078-22 - Dated 20 May 2022, Landgate File 06909-2021; representation of the -

Survey Organisation	Survey Organisation					
Name	MNG MCMULLEN NOLAN GROUP					
Address	PO Box 3526, SUCCESS W.A. 6964					
Phone	6436 1599					
Fax	6436 1500					
Email	info @ mngsurvey.com.au					
Reference	98202dp-041f					

Date

Charles Younge 2022.07.05 11:50:16 +08'00'

Licensed Surveyor

Amendments						
Version	Lodgement Type	Amendment Description	Authorised By	Date		

Former Tenure

New Lot / Land	Parent Plan Number	Parent Lot Number	Title Reference	Subject Land Description
20-30, 366, 367, 380-397, 470-503, 506-514, 519, 522-529, 538, 539, 545, 546, 560, 561, 565-569, 571-576, 600-603, 648-660,	DP 4 13032	Pt Lot 705	294 1-50	
1-4, 360-363, 371-374, 8005	DP 413033	Pt Lot 707	2948-711	
5, 6, 364, 365, 368-370,	DP 413032	Pt Lot 705	2941-50	
8004, 8006, 9100	DP 413033	Pt Lot 707	2948-711	

Former Tenure Interests and Notifications

Subject	Purpose	Statutory Reference	Origin	Land Burdened	Benefit To	Comments
	EASEMENT	SEC 136C OF THE TLA 1893	DP 421951 & DDC 0974509	LOT 9005 ON DP 424092	LOTS 20-30, 366, 367, 380-397, 470-503, 506-514, 519, 522-529, 538, 539, 545, 546, 560, 561, 565-569, 571-576, 600-603, 648-660, AND PORTIONS OF LOTS 5, 6, 364, 365, 368-370, 8004, 8006 & 9100 MARKED ⊗	

New Interests

Subject	Purpose	Statutory Reference	Origin	Land Burdened	Benefit To	Comments
33b 1 33b 2 33b 4 33b 5 33b 6 33b 7	EASEMENT (Sewerage)	SEC 167 OF THE P&D ACT 2005 REG 33 (b)	THIS PLAN	LOT 9100	WATER CORPORATION	
33b 8	EASEMENT (Water Supply)	SEC 167 OF THE P&D ACT 2005 REG 33 (b)	THIS PLAN	LOT 9100	WATER CORPORATION	
330,3301	EASEMENT (Electricity Supply)	SEC 167 OF THE P&D ACT 2005 REG 33 (c)	THIS PLAN	LOT 9100	ELECTRICITY NETWORKS CORPORATION	
8	RESTRICTIVE COVENANT	SEC 129BA OF THE TLA 1893	DOC	LOT 8006	ELECTRICITY NETWORKS CORPORATION	FIRE SEPARATION
© <u>,</u> ©	RESTRICTIVE COVENANT	SEC 129BA OF THE TLA 1893	DOC	LOT 9100	ELECTRICITY NETWORKS CORPORATION	FIRE SEPARATION
A	EASEMENT	SEC 195 & 196 OF THE LAA 1997	DOC	LOT 9100	CITY OF COCKBURN AND THE PUBLIC AT LARGE	EMERGENCY ACCESS

New Notifications and Memorials

Subject	Purpose	Statutory Reference	Origin	Land Burdened	Benefit To	Comments
	NOTIFICATION	SEC 70A OF THE TLA 1893	DOC	LOTS 360, 374, 565, 566, 575, 576, 602 & 603		TRANSPORT NOISE
	NOTIFICATION	SEC 165 OF THE P&D ACT 2005	DOC	ALL LOTS EXCEPT LOTS 8004-8006 & 9100		AIRCRAFT NOISE
	NOTIFICATION	SEC 165 OF THE P&D ACT 2005	DOC	LOTS 1-6, 20, 360-374, 470-473, 486-496, 508-514, 565-569, 571-576, 600-603, 648-654		BUSHFIRE MANAGEMENT PLAN

Vesting Lots

Subject	Purpose	Statutory Reference	Origin	Land Burdened	Benefit To	Comments
LOT 8004 LOTS 8005 & 8006	RESERVE FOR RECREATION AND DRAINAGE RESERVE FOR RECREATION	VESTS IN THE CROWN UNDER SEC 152 OF THE P&D ACT 2005 VESTS IN THE CROWN UNDER SEC 152 OF THE P&D ACT 2005	THIS PLAN			









