

PLANNING NOTICE

An application has been received for a Permit under s.57 of the Land Use Planning Approvals Act 1993:

APPLICANT:	PDA Surveyors Engineers & Planners obo	
	J Mahoney - PA\24\0125	
PROPERTY ADDRESS:	226 Ritchie Street WESTBURY (CT: 224070/1)	
DEVELOPMENT:	Subdivision (2 lots) - lot design, not	
	connected to sewerage & stormwater.	

The application can be inspected until **Monday, 12 August 2024**, at <u>www.meander.tas.gov.au</u> or at the Council Office, 26 Lyall Street, Westbury (during normal office hours).

Written representations may be made during this time addressed to the General Manager, PO Box 102, Westbury 7303, or by email to planning@mvc.tas.gov.au. Please include a contact phone number. Please note any representations lodged will be available for public viewing.

If you have any questions about this application please do not hesitate to contact Council's Planning Department on 6393 5320.

Dated at Westbury on 27 July 2024.

Jonathan Harmey

GENERAL MANAGER

APPLICATION FORM



PLANNING PERMIT

Land Use Planning and Approvals Act 1993

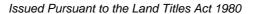
- Application form & details MUST be completed IN FULL.
- Incomplete forms will not be accepted and may delay processing and issue of any Permits.

			OFFICE USE ONLY
Property No.	:	Assessment No:	
DA\	P	A\	PC\
Have you alre		n illegal building work? ning Review for this proposal er required?	Yes ✓ No Indicate by ✓ box Yes ✓ No Yes ✓ No
PROPERTY D	ETAILS:		
Address:	226 Ritchie St	reet	Certificate of Title: 224070
Suburb:	Westbury	7303	Lot No: 1
Land area:	2.03		m^2 / ha
Present use of land/building:	Residential		(vacant, residential, rural, industrial, commercial or forestry)
Does the applHeritage Lister		n Land or Private access via a	a Crown Access Licence: 🔲 Yes 🔲 No
DETAILS OF U	JSE OR DEVELO	PMENT:	
Indicate by ✓ box	☐ Building worl	Change of use Other	Subdivision Demolition
Total cost of dev (inclusive of GST):	elopment \$	Includes tot	al cost of building work, landscaping, road works and infrastructure
Description of work:			
Use of building:			(main use of proposed building – dwelling, garage, farm building, factory, office, shop)
New floor area:		m ² New building heig	nt: m
Materials:	External walls:		Colour:
	Roof cladding:		Colour:



RESULT OF SEARCH

RECORDER OF TITLES





SEARCH OF TORRENS TITLE

	r
VOLUME	FOLIO
224070	1
EDITION	DATE OF ISSUE
8	24-Feb-2023

SEARCH DATE : 23-Jul-2024 SEARCH TIME : 10.36 AM

DESCRIPTION OF LAND

Town of WESTBURY Lot 1 on Plan 224070

Derivation: Whole of Lot 150 Sec F.6 Gtd to J O'Hara

Prior CT 2809/5

SCHEDULE 1

N110555 TRANSFER to JOY PHYLLIS MAHONEY Registered 24-Feb-2023 at 12.01 PM

SCHEDULE 2

Reservations and conditions in the Crown Grant if any

UNREGISTERED DEALINGS AND NOTATIONS

No unregistered dealings or other notations



NO LONGER SUBSISTING.

TITLES ARE

Q.F

RECORDER

THE]

OF

RE

FOLIO PLAN

RECORDER OF TITLES

Issued Pursuant to the Land Titles Act 1980



ORIGINAL - NOT TO BE REMOVED FROM TITLES OFFICE

TASMANIA

REAL PROPERTY ACT, 1862, as amended

NOTE—REGISTERED FOR OFFICE CONVENIENCE TO REPLACE

CERTIFICATE OF TITLE

Register Book

Vol. Fol.

2809

Cert. of Title Vol. 417. Fol68.

I certify that the person described in the First Schedule is the registered proprietor of an estate in fee simple in the land within described together with such interests and subject to such encumbrances and interests as are shown in the Second Schedule. In witness whereof I have hereunto signed my name and affixed my seal.

ACTING

Recorder of Titles

DESCRIPTION OF LAND

TOWN OF WESTBURY FIVE ACRES on the Plan hereon

FIRST SCHEDULE(Continued overleaf)

STERLING LESLIE CLARKE of Flowery Gully, Farmer

SECOND SCHEDULE (Continued overleaf)

No. A182602 MORTGAGE to The Board of DISCHARGED A725927 (24.2.1981) Management of the Agricultural Bank of Tasmania

Registered 27th November, 1963 at Noon (sgd.) A. IMLACH

Recorder of Titles.

Acting Recorder of Titles

Torkelesky

NO. A193959 MORTGAGE to The Board of Management DISCHARGED A725927 of the Agricultural Bank of Tasmania (24.2.1981)

Registered 18th December, 1963 at Noon (sgd.) A. IMLACH

Recorder of Titles.

16 francisco Acting Recorder of Titles

NO, A334956 MORTGAGE to The Board of Management DISCHARGED A725927 of the Agricultuaal Bank of Tasmania (24.2.1981)

Registered 6th May, 1970 at 12.2 p.m., T. E. HUTCHINSON

(sgd.)

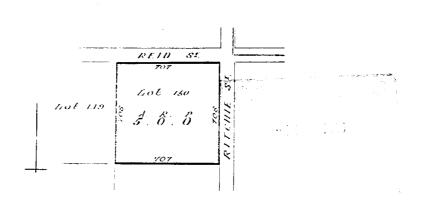
Recorder of Titles.

Alexander. Acting Recorder of Titles

Lot 1 of this plan consists of all the land comprised in the above-mentioned cancelled folio of the Register

NUMBER

REGISTERED



whole of Lot 150 Sec.F.6. Gtd.to J. O'Hara Meas.in Links RST Edition. Registered 29891970

Derived from C.T. Vol.417.Fol.68. Transfer A174548 T.C. Taylor & anr.

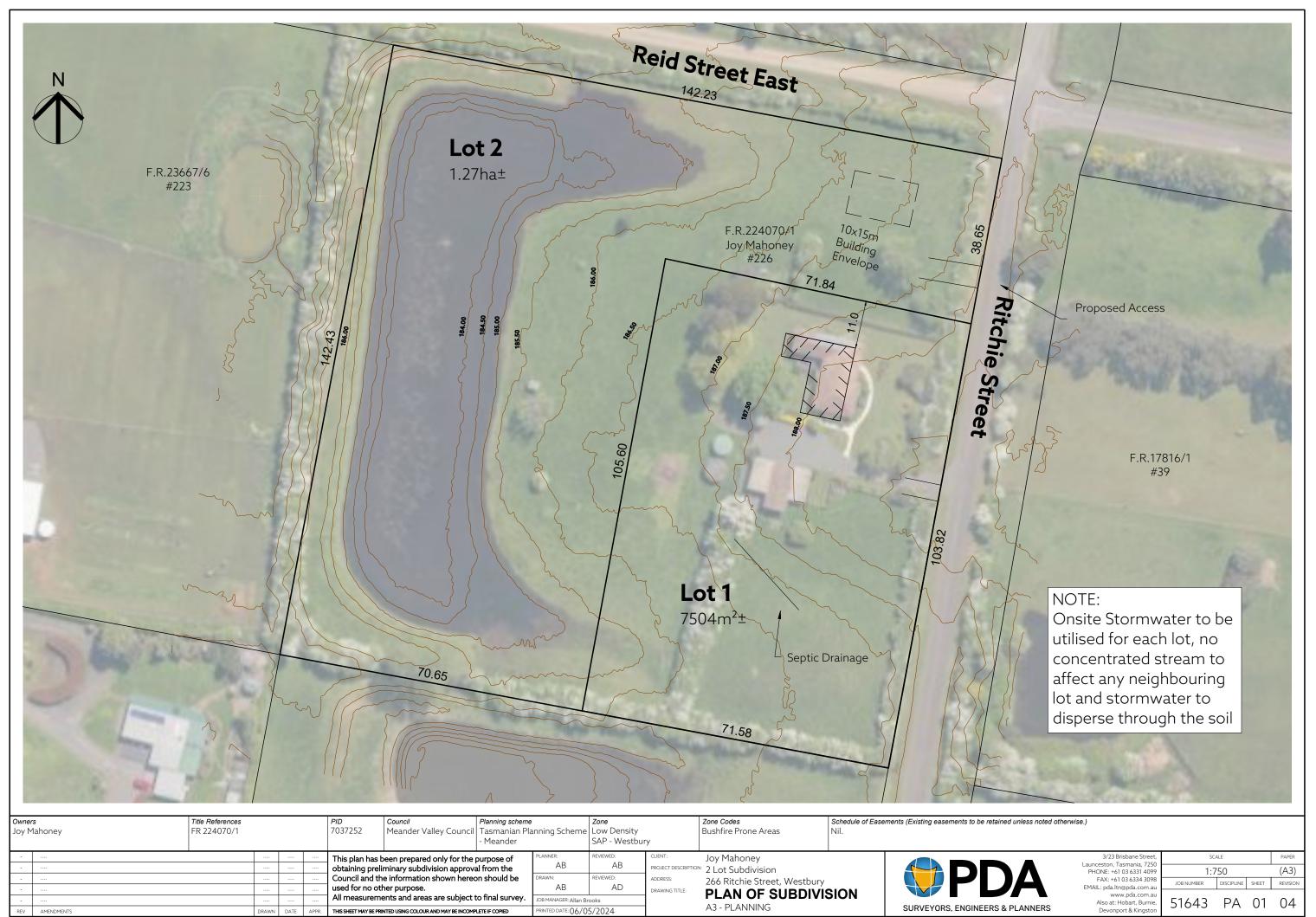
Search Date: 23 Jul 2024

Search Time: 10:36 AM

Volume Number: 224070

Revision Number: 01

Page 1 of 1



Bushfire Hazard Management Report: Subdivision

Report for: PDA Surveyors

Property Location: 226 Richie Street, Westbury

Prepared by: Scott Livingston

Livingston Natural Resource Services

Date: 19th June 2024

Version 3



Client: PDA Surveyors – Joy Mahoney

226 Richie Street, Westbury, CT 224070/1, PID 7037252.

Property identification: Current zoning: Low Density Residential, Tasmanian Planning

Scheme - Meander Valley.

Proposal: 2 Lot subdivision from 1 existing title.

Assessment A field inspection of the site was conducted to determine the

Bushfire Risk and Bushfire Attack Level.

Assessment by: Scott Livingston

Master Environmental Management, Natural Resource Management Consultant.

Accredited Person under part 4A of the Fire Service Act 1979: Accreditation # BFP-105.

Version

Version	Date	Notes
1	18/9/2023	
2	30/11/2023	Changes in lot layout & access
3	19/6/2024	Changes in lot layout & access

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LIMITATIONS

This report only deals with potential bushfire risk and does not consider any other potential statutory or planning requirements. This report classifies type of vegetation at time of inspection and cannot be relied upon for future development or changes in vegetation of assessed area.

DESCRIPTION

A 2 Lot subdivision from existing title CT 224070/1 at 226 Richie Street, Westbury. The area is mapped as Bushfire Prone in Planning Scheme Overlays. Lot 1 has an existing dwelling, with associated low threat areas and grassland. Lot 2 is vacant grassland and a dam. Surrounding land is a mosaic of grassland and low threat vegetation.

The area is not serviced by a reticulated water supply and the lots have frontage to either Richie Street or Reid Street East.

BAL AND RISK ASSESSMENT

The land mapped as Bushfire Prone Area in planning scheme overlays.

VEGETATION AND SLOPE

Lot		North	East	South	West	
1	Vegetation within 100m existing dwelling	5m low threat vegetation, 5- 49m grassland on lot, 49-69m road and verges, 69- 100m grassland	0-22m low threat, 22-40m road and verges, 40-100m grassland	0-16m low threat, 16- 58m grassland on lot, 58-100m	0-25m low threat, 25- 66m grassland (lot 2), 66-100m dam (may dry out)	
	Slope (degrees, over 100m)	Flat/ Upslope	Downslope 0-5°	Flat/ Upslope	Flat/ Upslope	
	BAL Rating: existing vegetation	BAL 40	BAL 12.5	BAL FZ	BAL 12.5	
	BAL Rating: with extended HMA	BAL 19				
2	Vegetation within 100m lot boundaries	0-20m road and verges,20- 100m grassland	eastern portion 0-18m road and verges, 18-100m grassland western portion 071m grassland, 71-91m road and verges, 91-100m grassland	0-100m grassland	0-100m grassland	
	BAL Rating: existing vegetation	BAL 12.5	BAL 12.5, BAL FZ	BAL FZ	BAL FZ	

BAL Rating:	
with extended	BAL 19
HMA	

BUILDING AREA BAL RATING

Setback distances for BAL Ratings have been calculated based on the vegetation that will exist after development and have also considered slope gradients.

Where no setback is required for fire protection other Planning Scheme setbacks may need to be applied, other constraints to building such as topography have not been considered.

The BAL ratings applied are in accordance with the Australian Standard AS3959-2018, *Construction of Buildings in Bushfire Prone Areas*, and it is a requirement that any habitable building, or building within 6m of a habitable building be constructed to the BAL ratings specified in this document as a minimum.

Bushfire Attack Level (BAL)	Predicted Bushfire Attack & Exposure Level
BAL-Low	Insufficient risk to warrant specific construction requirements
BAL-12.5	Ember attack, radiant heat below 12.5kW/m²
BAL-19	Increasing ember attack and burning debris ignited by windborne embers together with increasing heat flux between 12.5-19kW/m²
BAL-29	Increasing ember attack and burning debris ignited by windborne embers together with increasing heat flux between 19-29kW/m²
BAL-40	Increasing ember attack and burning debris ignited by windborne embers together with increasing heat flux between 29-40kW/m²
BAL-FZ	Direct exposure to flames radiant heat and embers from the fire front

Setbacks

		Grassland
BAL	Upslope and flat	14m
12.5	Downslope 0- 5°	16m
	Upslope and flat	10m
BAL 19	Downslope 0- 5°	11m

PROPOSED LOT BAL RATING

There is sufficient land on lot 2 to provide a BAL 19 Hazard Management Area. Lot 1 existing dwelling can have a BAL 19 HMA within the lot boundaries. All lots have a potential building area at BAL 19, decreased building area would be available at BAL 12.5 with increased setbacks and hazard management.



Figure 1: lot 2 Building Area BAL 19

HAZARD MANAGEMENT AREAS

All land within the distances shown below must be managed as Low threat vegetation including maintained lawns (mown to < 100mm), gardens and orchards. Lot 1 existing dwelling HMA to at least BAL 19 requirements, must be in place prior to sealing of titles for any lot and maintained in perpetuity, Lot 2 hazard management must be in place prior to commencement of construction of a habitable building and maintained in perpetuity.

BAL Construction Rating: HMA requirement

Slope/ facade	BAL 19 Managed Land -
Upslope and level	0-10m
Down slope	0-11m

ROADS

Lot 1 & 2 will have access from Richie Street. No additional roads are required for the subdivision.

PROPERTY ACCESS

Access to lots must comply with the relevant elements of Table C13.2 Standards for Property Access, C 13 *Bushfire-Prone Areas Code*. Lot 1 & 2 will require access to water static water supply points. Existing access for lot 1 is compliant, and no additional works are required unless additional access is required to the water supply point. Future habitable buildings must meet element B prior to the commencement of construction.

Table C13.2: Standards for Property Access

Element		Requirement	
A.	Property access length is less than 30m; or access is not required for a fire appliance to access a fire fighting water point.	There are no specified design and construction requirements.	
В.	Property access length is 30m or greater; or access is required for a fire appliance to a fire fighting water point.	The following design and construction requirements apply to property access: (a) all-weather construction; (b) load capacity of at least 20t, including for bridges and culverts; (c) minimum carriageway width of 4m; (d) minimum vertical clearance of 4m; (e) minimum horizontal clearance of 0.5m from the edge of the carriageway; (f) cross falls of less than 3 degrees (1:20 or 5%); (g) dips less than 7 degrees (1:8 or 12.5%) entry and exit angle; (h) curves with a minimum inner radius of 10m;	

		(i)	maximum gradient of 15 degrees (1:3.5 or 28%) for sealed roads, and 10 degrees (1:5.5 or 18%) for unsealed roads; and
			terminate with a turning area for fire appliances provided by one of the following:
		(j)	(i) a turning circle with a minimum outer radius of 10m; or
		37	(ii) a property access encircling the building; or
			(iii) a hammerhead "T" or "Y" turning head 4m wide and 8m long.
		The follow	wing design and construction requirements apply to property
	Property access	access:	
C.	length is 200m	(a)	the requirements for B above; and
	or greater.	(b)	passing bays of 2m additional carriageway width and 20m length provided every 200m.
	Property access	The follow	wing design and construction requirements apply to property
	length is greater	access:	
D.	than 30m, and	(a)	complies with requirements for B above; and
	access is provided to 3 or more properties.	(b)	passing bays of 2m additional carriageway width and 20m length must be provided every 100m.

FIRE FIGHTING WATER SUPPLY

The subdivision is not serviced by a reticulated supply. Lot 1 existing dwelling will require a static water supply prior to sealing of titles. Future habitable buildings will require Static water supplies and must meet the requirements of Table C13.5 prior to the commencement of construction.

Table C13.5

Colu		Column 2			
	Eleme	Requirement			
A.	Distance between	The following requirements apply:			
	building area to be protected and water	 a) The building area to be protected must be located within 90 metres of the water connection point of a static water supply; and 			
	supply	b) The distance must be measured as a hose lay, between the water point and the furthest part of the building area.			
В.	Static Water Supplies	 A static water supply: a) May have a remotely located offtake connected to the static water supply; b) May be a supply for combined use (fire fighting and other uses) but the specified minimum quantity of fire fighting water must be available at all times; c) Must be a minimum of 10,000 litres per building area to be protected. This volume of water must not be used for any other purpose including fire fighting sprinkler or spray systems; d) Must be metal, concrete or lagged by non-combustible materials if above ground; and e) If a tank can be located so it is shielded in all directions in compliance with Section 3.5 of AS 3959-2009, the tank may be constructed of any material provided that the lowest 400 mm of the tank exterior is protected by: (i) metal; (ii) non-combustible material; or (iii) fibre-cement a minimum of 6 mm thickness. 			

	Colu	Column 2						
	Eleme	Requirement						
C.	Fittings, pipework and	Fittings and pipework associated with a water connection point for a static water supply must:						
	accessories (including	(a) Have a minimum nominal internal diameter of 50mm;						
	stands and tank	(b) Be fitted with a valve with a minimum nominal internal diameter of 50mm;						
	supports)	(c) Be metal or lagged by non-combustible materials if above ground;						
	,	(d) Where buried, have a minimum depth of 300mm (compliant with AS/NZS 3500.1-2003 Clause 5.23);						
		(e) Provide a DIN or NEN standard forged Storz 65 mm coupling fitted with a suction washer for						
		connection to fire fighting equipment;						
		Ensure the coupling is accessible and available for connection at all times;						
		(g) Ensure the coupling is fitted with a blank cap and securing chain (minimum 220 mm length);						
		(h) Ensure underground tanks have either an opening at the top of not less than 250 mm diameter or a coupling compliant with this Table; and						
		(1) Where a remote offtake is installed, ensure the offtake is in a position that is:						
		(i) Visible;						
		(ii) Accessible to allow connection by fire fighting equipment;						
		(iii) At a working height of 450 – 600mm above ground level; and						
		(iv) Protected from possible damage, including damage by vehicles						
D.	Signage for static water	The water connection point for a static water supply must be identified by a sign permanently fixed to the exterior						
	connections	of the assembly in a visible location. The sign must						
		(a) comply with: Water tank signage requirements within AS 2304-2011 Water storage tanks for fire protection systems; or						
		(b) comply with water tank signage requirements within Australian Standard AS 2304-2011 Water storage tanks for fire protection systems; or						
		(c) comply with the Tasmania Fire Service Water Supply Signage Guideline published by the Tasmania Fire						
		Service.						

Colu		Column 2
Eleme		Requirement
E.	Hardstand	A hardstand area for fire appliances must be provided: (a) No more than three metres from the water connection point, measured as a hose lay (including the minimum water level in dams, swimming pools and the like); (b) No closer than six metres from the building area to be protected; (c) With a minimum width of three metres constructed to the same standard as the carriageway; and (d) Connected to the property access by a carriageway equivalent to the standard of the property access.

CONCLUSIONS

A 2 Lot subdivision is proposed from 1 existing title CT 224070/1 at 226 Richie Street, Westbury. The area is mapped as bushfire prone.

Additional hazard management on Lot 1 north of the existing dwelling must be in place prior to sealing of titles and maintained in perpetuity. Access and water supply for the existing lot 1 dwelling must be in place prior to sealing of titles.

There is sufficient area on lot 2 to provide for BAL 19 habitable dwelling. Hazard management areas, access and water supply for future habitable buildings must be in place prior to the commencement of construction and maintained in perpetuity.

REFERENCES

Standards Australia. (2018). AS 3959-2018 Construction of Buildings in Bushfire Prone Areas.

Planning Commission, Tasmanian Planning Scheme - Meander Valley

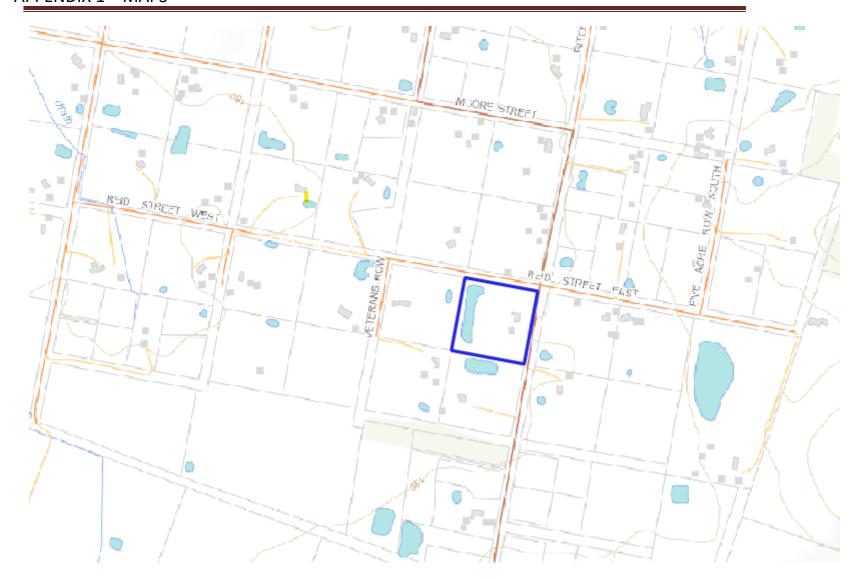


Figure 2: Location, existing title in blue



Figure 3: Aerial Image

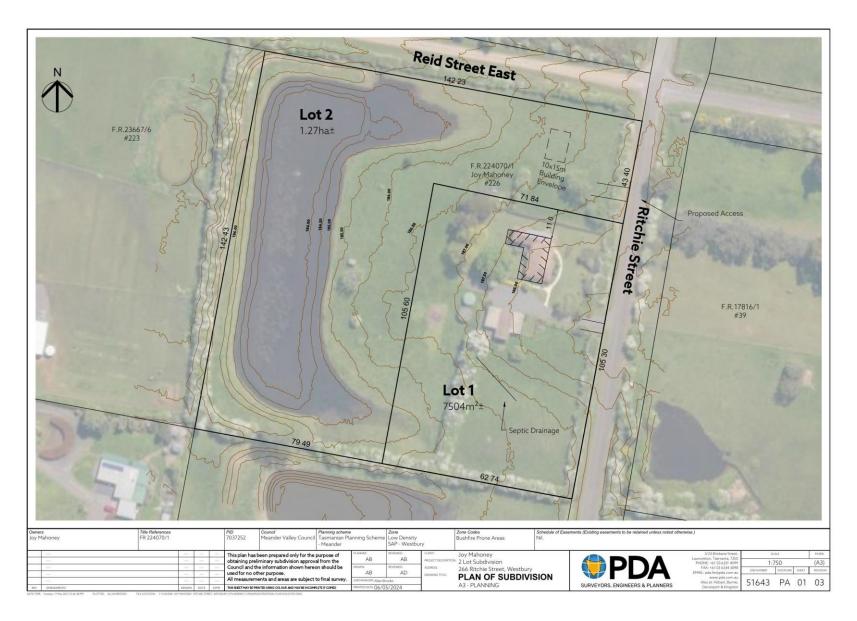


Figure 4: Proposed Subdivision Plan



Figure 5: lot 1 access



Figure 6: Lot 1, west along northern facade



Figure 7: west across lot 1 & 2

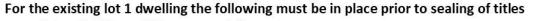
Bushfire Hazard Management Plan:

Construction: BAL 19 as shown

Buildings in Bushfire Prone Area to be built in accordance with the Building Code of Australia and Australian Standard AS3959.

Building setbacks / BAL ratings apply to habitable buildings (Class 1, 2 3, 8 or 9) and class 10a buildings within 6m of a habitable

Proposed Development	Subdivision,2 lots from 1 lot		
Plan of Subdivision	PDA Surveyors. Plan of Subdivision,		
Property Owner	Joy Mahoney		
Address	226 Richie Street, Westbury		
СТ	224070/1		
PID	7037252		



- Extended Hazard Management Area
- Water Supply and access if required to the supply point

For future habitable buildings the following must be installed/ compliant prior to commencement of construction and be maintained in perpetuity:

- Hazard Management Areas
- Access
- Water Supply

The owner of a lot is responsible for management of vegetation and maintenance of infrastructure within a lot

Hazard Management Areas (HMA)

Hazard management areas include the area to protect the buildings as well as the access and water supplies. All land within the area shown is to be managed and maintained in a minimum fuel condition.

Access and Water Supply

See report for detail

This BHMP has been prepared to satisfy the requirements of the Tasmanian Planning Scheme – Meander Valley . This plan should be read in conjunction with the report titled: Bushfire Hazard Management Report 226 Richie Street, Westbury v3. Livingston Natural Resource Services

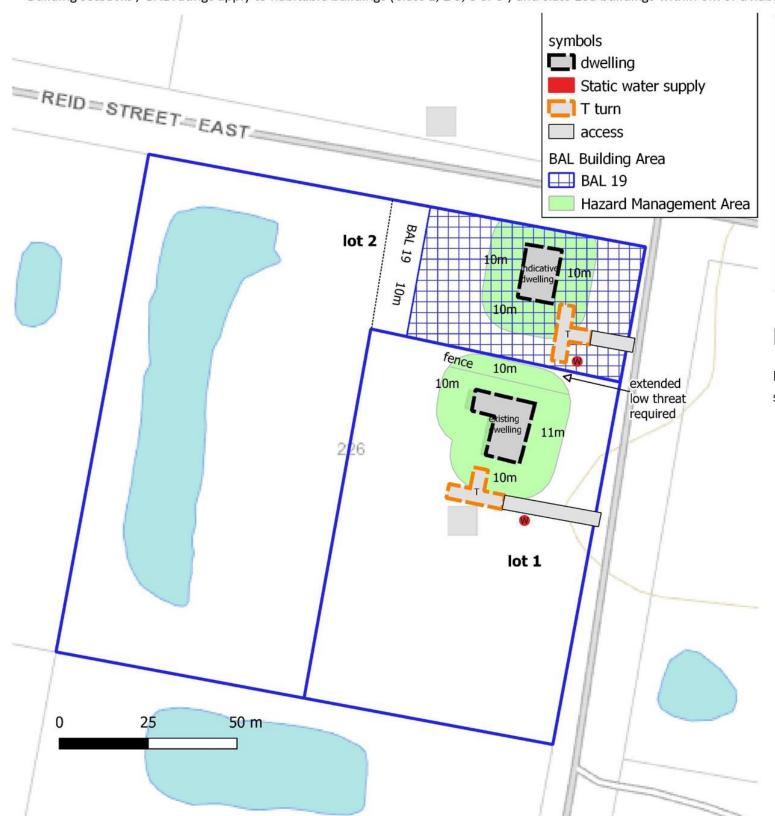
Scott Livingston

Accreditation: BFP - 105: 1, 2, 3A, 3B, 3C

Date 19/6/20254

SRL23/46S3

SRL23/46S3



BUSHFIRE-PRONE AREAS CODE

CERTIFICATE¹ UNDER S51(2)(d) LAND USE PLANNING AND APPROVALS ACT 1993

1. Land to which certificate applies

The subject site includes property that is proposed for use and development and includes all properties upon which works are proposed for bushfire protection purposes.

Street address: 226 Richie Street, Westbury

Certificate of Title / PID: CT 224070/1, PID 7037252

2. Proposed Use or Development

Description of proposed Use 2 Lot subdivision from 1 existing title

and Development:

Tasmanian Planning Scheme - Meander Valley

3. Documents relied upon

Applicable Planning Scheme:

This certificate relates to the following documents:

Title	Author	Date	Version
Bushfire Hazard Management Report 226 Richie Street, Westbury v3	Scott Livingston	19/6/2024	3
Bushfire Hazard Management Plan, 226 Richie Street, Westbury v3	Scott Livingston	19/6/2024	2
Plan of Subdivision	PDA Surveyors	6/5/2024	PA O1 03

4. Nature of Certificate

The following requirements are applicable to the proposed use and development:

¹ This document is the approved form of certification for this purpose and must not be altered from its original form.

	E1.4 / C13.4 – Use or development exempt from this Code						
	Compliance test	Compliance Requirement					
	E1.4(a) / C13.4.1(a)	Insufficient increase in risk					
	E1.5.1 / C13.5.1 – Vulnerable Use	es es					
	Acceptable Solution	Compliance Requirement					
	E1.5.1 P1 / C13.5.1 P1	Planning authority discretion required. A proposal cannot be certified as compliant with P1.					
	E1.5.1 A2 / C13.5.1 A2	Emergency management strategy					
	E1.5.1 A3 / C13.5.1 A2	Bushfire hazard management plan					
	E1.5.2 / C13.5.2 – Hazardous Uses						
	Acceptable Solution Compliance Requirement						
	Acceptable colution						
	E1.5.2 P1 / C13.5.2 P1	Planning authority discretion required. A proposal cannot be certified as compliant with P1.					
	E1.5.2 A2 / C13.5.2 A2	Emergency management strategy					
	E1.5.2 A3 / C13.5.2 A3	Bushfire hazard management plan					
\boxtimes	E1.6.1 / C13.6.1 Subdivision: Pro	vision of hazard management areas					
	Acceptable Solution	Compliance Requirement					
	Acceptable colution						
	E1.6.1 P1 / C13.6.1 P1	Planning authority discretion required. A proposal cannot be certified as compliant with P1.					
	E1.6.1 A1 (a) / C13.6.1 A1(a)	Insufficient increase in risk					
\boxtimes	E1.6.1 A1 (b) / C13.6.1 A1(b)	Provides BAL-19 :					

□ E1.6.1 A1(c) / C13.6.1 A1(c) Consent for Part 5	5 Agreement
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\boxtimes	E1.6.2 / C13.6.2 Subdivision: Public and fire fighting access					
	Acceptable Solution Compliance Requirement					
	E1.6.2 P1 / C13.6.2 P1	Planning authority discretion required. A proposal cannot be certified as compliant with P1.				
	E1.6.2 A1 (a) / C13.6.2 A1 (a)	Insufficient increase in risk				
\boxtimes	E1.6.2 A1 (b) / C13.6.2 A1 (b)	Access complies with relevant Tables				

\boxtimes	E1.6.3 / C13.1.6.3 Subdivision: Provision of water supply for fire fighting purposes				
	Acceptable Solution	Compliance Requirement			
	E1.6.3 A1 (a) / C13.6.3 A1 (a)	Insufficient increase in risk			
	E1.6.3 A1 (b) / C13.6.3 A1 (b)	Reticulated water supply complies with relevant Table			
	E1.6.3 A1 (c) / C13.6.3 A1 (c)	Water supply consistent with the objective			
	E1.6.3 A2 (a) / C13.6.3 A2 (a)	Insufficient increase in risk			
\boxtimes	E1.6.3 A2 (b) / C13.6.3 A2 (b)	Static water supply complies with relevant Table			
	E1.6.3 A2 (c) / C13.6.3 A2 (c)	Static water supply consistent with the objective			

5. Bu	shfire Ha	zard Practitioner					
Name:	Scott Livingston			Phone No: 0438 951			021
Postal Address:	PO Box 178, Orford 7190			Email Address:		scottlivingston.lnrs@gmail.com	
Accreditat	ion No:	BFP – 105			Scope:	1, 2, 3A, 3B,	3C
6. Ce	rtificatio	n					
		ordance with the au development:	thority given und	der Pa	art 4A of	the <i>Fire Servic</i>	e Act 1979 tha
	objective increase	t from the requireme of all applicable stan in risk to the use or d on measures, or	dards in the Code	, there	e is consid	lered to be an ir	nsufficient
\boxtimes	accordar	ifire Hazard Managem ice with the Chief Offi identified in Section	icer's requirement	ts and			
Signed: certifier		R Lun	yel				
Name:		Scott Livingston	D	ate:	19/6/202	4	
			Certific Numl		SRL 23/4	.6S3	
			(for Pra	ctition	er Use on	ıly)	I

Section 321

CERTIFICATE OF QUALIFIED PERSON – ASSESSABLE ITEM

То:	Joy Mahoney		Owner/Agent	Form 55	
	226 Richie Street			Address	
	Westbury	720	3	Suburb/postcode	
Qualified persor	n details:				
Qualified person:	Scott Livingston				
Address:	PO Box 178			Phone No:	0438 951 021
	Orford	719	0	Fax No:	
Licence No:	BFP-105 Email address:	sco	ttlivir	igston.lnrs@	gmail.com
Qualifications and Insurance details:	Accredited Bushfire Assessor BFP 105, 1,2,3A,3B, 3C		Directo	otion from Column r's Determination lified Persons for I	- Certificates
Speciality area of expertise:	Bushfire Assessment		Directo	iption from Columr or's Determination alified Persons for	- Certificates
Details of work:					

Address:	226 Richie Street	Lot No:	2		
	Westbury 7303	Certificate of title No:	224070/1		
The assessable item related to this certificate:	Bushfire Attack Level (BAL)	certified) Assessable item includes - a material; - a design - a form of construction - a document - testing of a compone system or plumbing s	Assessable item includes – - a material; - a design - a form of construction - a document - testing of a component, building system or plumbing system - an inspection, or assessment,		
Certificate detai	ls:				
Certificate type:	Bushfire Hazard	(description from Column 1 of 1 of the Director's Determinat Certificates by Qualified Perso Assessable Items n)	tion -		
This certificate is in	relation to the above assessable item, at any sta building work, plumbing work or plumb or		lition work: X		
	a building, temporar	y structure or plumbing i	nstallation:		
In issuing this certifica	te the following matters are relevant –				
Documents:	Bushfire Attack Level Assessment Management Plan	Report and Bushf	ire Hazard		
Dalawant	NIA .				
Relevant	NA				
calculations:					

Substance of Certificate: (what it is that is being certified)			
Assessment of the site Bushfire Attack Level (BAL) to Australian Standards 3959			
Assessed as - BAL 19			
Bushfire Hazard Management Plan			
Proposal is compliant with DTS requirements, clauses 4.1, 4.2, 4.3 & 4.4 Directors Determination Requirements for Building in Bushfire Prone Areas (v2.1)			

Australian Standard 3959

Building Amendment Regulations 2016

Hazard Areas v1.1 2021

Director of Building Control (2021) Director's Determination for Bushfire

Scope and/or Limitations				
I certify the matters described in this certificate.				
	Signed:	Certificate No:	Date:	
Qualified person:	A Lungol	SRL23/46S3	19/6/2024	



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MEMO 11 July 2024

Re: 226 Ritchie Street Westbury, Flood-Prone Areas Hazard Code Memo

Introduction:

This memo provides a response to Tasmanian Planning Scheme State Planning Provision C12.0 Flood-Prone Areas Hazard Code for the proposed subdivision of 226 Ritchie Street, Westbury.

The proposed subdivision is shown in Figure 1:



Figure 1. Proposed subdivision layout (from PDA drawing 51645 PA/01/03 06/05/2024)

It is proposed that Lot 1 will retain the existing house on 7504m² of land, and Lot 2 will retain the existing dam on 1.27 hectares.



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Model Summary:

An Infoworks ICM direct rainfall model of the catchment was built to determine the extent of flooding on the land, so the flood code could be addressed. Tasmanian Flood Mapping (TFM) results were also interrogated to provide confidence in the ICM model.

The ICM model represented a catchment area 35.4 hectares in size, refer to Figure 2:



Figure 2. ICM Model Extent

Modelling was undertaken in accordance with the recommendations in *Australian Rainfall and Runoff 2019* and the following settings were used:

- Hydrology (Initial Loss & Continuing Loss)
 - o Pervious surfaces (18mm & 4.5mm/hr as per AR&R Data Hub)
 - o Impervious surfaces & dams (1mm & 0mm/hr as per AR&R 2019 recommendations)
- Manning's n Roughness



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- Depth-varying Manning's 'n' roughness coefficients were set in accordance with A preliminary Mannings-n layer to support regional flood modelling in Tasmania (Department of State Growth, 2020).
- o Pervious surfaces Grassed_Mod_n
- Roads Sealed_Surf_Low_n
- 2D mesh
 - Derived from the Mineral Resources Tasmania 2021 Statewide 2m digital elevation model
 - o Maximum triangle area 4m²
 - Minimum element area 2m²
- Rainfall
 - Modelling was undertaken using the 2016 the Bureau of Meteorology (BOM)
 Intensity-Frequency-Duration (IFD) design rainfall estimates and temporal pattern ensembles for the 1% AEP
 - o A climate change factor of 16.3% was added as per AR&R Data Hub

A site visit undertaken on 9 April found twin concrete DN450 culverts under Ritchie Street, leading to a shallow channel which runs along the boundary of 226 and 242 Ritchie Street. This channel then leads to the small dam within no. 242. The DEM did not have enough resolution to delineate the channel, so the DEM was nominally lowered 200mm to provide the delineation.

Model Results:

Figure 3 shows the range of peak flows reading the area downstream of the twin culverts in Ritchie Street. The 4.5 hour duration provided the greatest average peak flow, which is shown in Figure 4. The figure shows peak flood depths greater than 40mm.

The model results show some breakout flow from the open drain leading from the culverts, modestly impacting both proposed lots near their southern boundary.

When the dam within proposed Lot 2 overtops it spills to the open drain in Reid Street East, reaching a peak elevation of 185.22 mAHD. The indicative building footprint is located on the 187 mAHD contour so there is obviously sufficient space and freeboard for a habitable dwelling and driveway outside the nearby flow paths and flood footprints.



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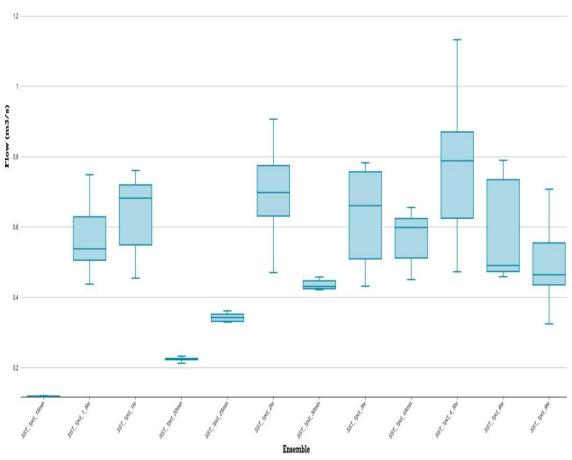


Figure 3. 1% AEP Climate Change Flow Results



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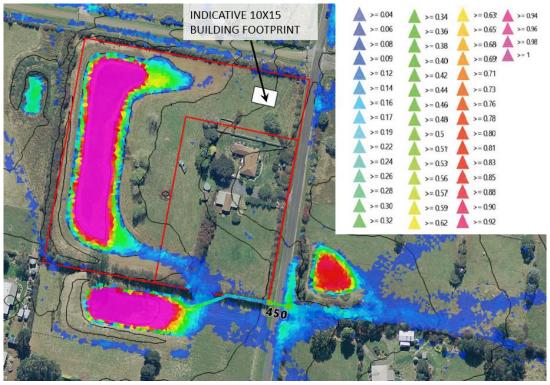


Figure 4. 1% AEP Climate Change Flood Depth Map (>40mm)

The Tasmanian Flood Mapping Project (TFMP) 1% Climate Change footprint is provided in Figure 5. The TFMP data only provides flood depths of more than 100mm. For comparison, our model has been provided in Figure 6, also showing depths of 100mm and greater.

Although the TFM project was based on a lower resolution direct rainfall mesh, the two models provide similar results.



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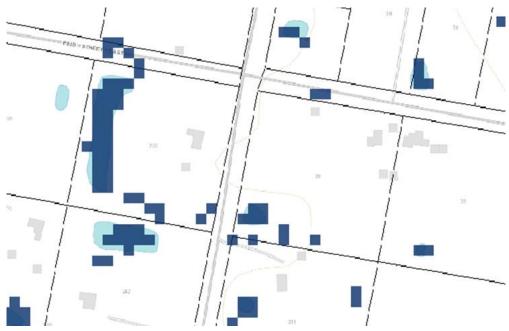


Figure 5. TFM 1% AEP Climate Change Flood Depth Map (>100mm)



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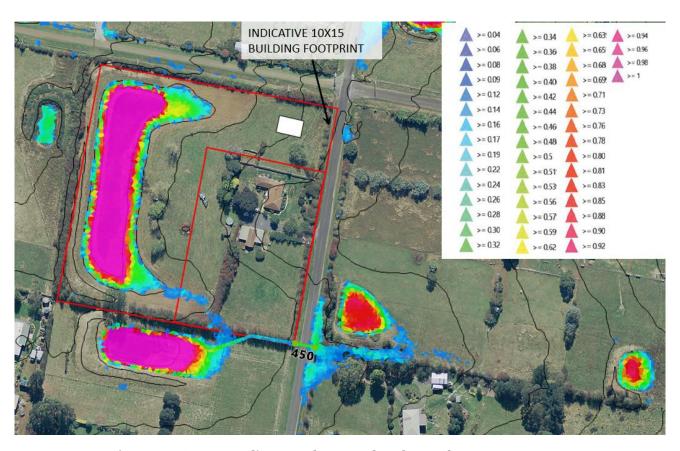


Figure 6. 1% AEP Climate Change Flood Depth Map (>90mm)



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Flood-Prone Areas Hazard Code Response:

C12.7 Development Standards for Subdivision is as follows:

C12.7 Development Standards for Subdivision

C12.7.1 Subdivision within a flood-prone hazard area

Obje	ective:	That subdivision within a flood-prone hazard area does not create an opportunity for use or development that cannot achieve a tolerable risk from flood.		
Acc	Acceptable Solutions		Performance Criteria	
A1		P1		
Each lot, or a lot proposed in a plan of subdivision, within a flood-prone hazard area, must: (a) be able to contain a building area that is located wholly outside a flood-prone hazard		Each lot, or a lot proposed in a plan of subdivision, within a flood-prone hazard area, must not create an opportunity for use or development that cannot achieve a tolerable risk from flood, having regard to:		
(b)	services th	include vehicular access and at are located wholly outside a e hazard area; or	(a) (b)	any increase in risk from flood for adjacent land; the level of risk to use or development arising from an increased reliance on public infrastructure;
(c)	buildings;	creation of separate lots for existing	(c)	the need to minimise future remediation works; any loss or substantial compromise by flood of
(d) (e)	council or	d for public use by the Crown, a a State authority; or d for the provision of Utilities.	(e)	access to the lot, on or off site; the need to locate building areas outside the flood-prone hazard area;
			(f)	any advice from a State authority, regulated entity or a council; and
			(g)	the advice contained in a flood hazard report.

It is evident that the indicative building footprint and proposed access off Ritchie Street near the north-eastern corner of proposed Lot 2 is an Acceptable Solution under A1 in that:



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a) The lot is able to contain a building area that is located wholly outside a flood-prone hazard area; and

b) Is able to include vehicular access and services that are located wholly outside a flood-prone hazard area.



Cameron Oakley

CONSULTING ENGINEER

B.Tech, B.Eng (Hons), MBA

Licensed Building Services Provider No. 949718126





Planning Report
226 Ritchie Street, Westbury



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PDA Contributors

Planning	Allan Brooks	09/11/2023

Revision History

Revision	Description	Date
01	First issue	09/11/2023
02	RFI amendment	8/12/2023
03	RFI layout change	7/07/2024

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EXECUTIVE SUMMARY

Council approval is sought for a 2 lot subdivision at 226 Ritchie Street, Westbury (FR 224070/1).

The proposal satisfies the Tasmanian Planning Scheme - Meander Valley.

A permit is sought in accordance with Section 57 of the Land Use Planning and Approvals Act 1993 and Clause 6.8.1 (b) of the Tasmanian Planning Scheme - Meander Valley.

Development Details:

Property Address	226 Ritchie Street, Westbury
Proposal	2 Lot Subdivision
Land Area	2.02ha

C/T	224070/1
PID	7037252
Planning Ordinance	Tasmanian Planning Scheme - Meander Valley
Land Zoning	Low Density Residential
Specific Area Plan	Westbury Specific Area Plan
Code Overlays	Bushfire Prone Area



1. Introduction/Context

Council approval is sought for the proposed development of a 2 lot subdivision at 226 Ritchie Street, Westbury (C/T 40337/1). In support of the proposal, the following associated documents have been provided in conjunction with this planning assessment:

- Subdivision Proposal Plan
- Completed Development Application Form
- The title plan and folio text
- Bushfire Hazard Assessment and

1.1. The Land



Figure 1. Existing aerial image of the subject land (LISTmap, 2023)



The subject land is 2.02ha in area. There is an existing dwelling located northeast of the site. There is an existing dam located on the West. The site is flat and has frontage to Ritchie Street & Reid Street East.

1.2. Existing Development

The site has an existing dwelling and associated outbuildings on proposed Lot 1.

1.3. Natural Values

There are no known natural values on the site.

2. The Proposal

A planning permit for a 2 Lot subdivision is sought in accordance with Section 57 of the Land Use Planning and Approvals Act 1993 and Clause 6.8.1 of the Tasmanian Planning Scheme - Meander Valley. It is proposed to create 2 lots. Proposed lot 1 will contact the existing dwelling and outbuildings and the remaining lots are vacant. Each lot will have its own access.

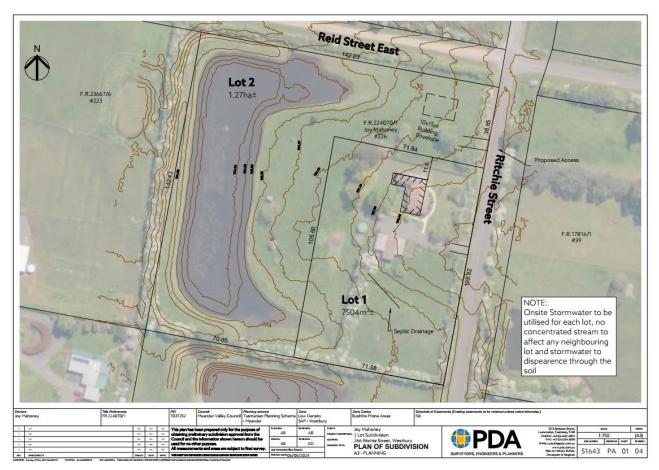


Figure 2. Proposed Plan of Subdivision



3. Planning Assessment

This current proposal for a 2 lot Subdivision has been developed in accordance with the *Tasmanian Planning Scheme - Meander Valley*.

3.1 Zoning



Figure 3. Zoning identification of the subject land and surrounds (LISTmap, 2023)

The subject land is located within the Low Density Zone and surrounded by the same zone. There is land further south and east zoned agricultural.



3.2 Zone Standards - Low Density

MEA-S11.8 Development Standards for Subdivision MEA-S11.8.1 Lot Design

This clause is in substitution for Low Density Residential Zone - Clause 10.6.1 Lot Design A1 and P1

Objective:

To provide for:

- a) Density and dimensions of lots in accordance in an arrangement consistent with the low density grid arrangement of the area;
- b) Dimensions of lots that enables building to be separated;
- c) Lot areas and dimensions of lots that are appropriate to accommodate a dwelling and associated on-site drainage and on-site wastewater requirements;
- d) Access to lots that minimise the number of driveway crossovers

Acceptable Solutions

A1

Each lot, or a lot proposed in a plan of subdivision, must:

- a) Have an area no less than 1ha and:
 - i. Be able to contain a 70m diameter circle with a gradient not steeper than 1 in 5; and
 - ii. Existing buildings are consistent with the setback required by clause MEA-S11.7.1 A1 and A2; or
- b) be required for public use by the Crown, a council or state authority;
- be required for the provisions of Utilities; or
- d) be for the consolidation of a lot with another lot provided each lot is within the same zone

Performance Criteria

P'

Subdivision must only be from an area of land not less than 2ha and:

- a) provide not more than 3 lots for each 2ha;
- b) provide one lot that has an area not less than 1ha; and
- c) each lot, or lot proposed in a plan of subdivision must:
 - (i) be capable of containing a circle of not less than 60m diameter
 - (ii) have an area of not less than 5,000m²; and
 - (iii) have sufficient useable area and dimensions suitable for its intended use, having regard to:
 - a. the plan purpose
 - b. the relevant requirements for development of buildings
 - c. the potential or intended location of buildings
 - d. distances between new building areas and new building areas and existing buildings
 - e. the topography of the site
 - f. adequate provision of drainage and on-site wastewater disposal



g. the ability to screen development through retention of existing hedgerows or other vegetation, or the planting of new vegetation screening; h. whether the location of access driveways and crossovers minimises vegetation clearance and viewing opportunities; i. the use of adjoining land as a recreational pathway; and j. any constraints to development.

Comment:

P1 is met. 1 Lot is larger than 1ha and the other is large than 5000m2. The site is 2ha large and there is only 2 lots proposed. Each lot is capable of building within each lot, as shown on the proposal plan the contours show the extent of the dam to be the 185m contour. The proposed building envelope is 1m higher than the dam level include access location.

10.6.1 Low Density Residential Zone - Lot Design

Objective:

That each lot:

- a) has an area and dimensions appropriate for use and development in the zone;
- b) is provided with appropriate access to a road;
- c) contains areas which are suitable for residential development.

Acceptable Solutions	Performance Criteria
Each lot, or a lot proposed in a plan of subdivision, excluding for public open space, a riparian or littoral reserve or Utilities, must have a frontage not less than 20m.	Each lot, or proposed in a plan of subdivision, excluding for public open space, a riparian or littoral reserve or Utilities, must be provided with a frontage or legal connection to a road by right of carriageway, that is sufficient for the intended use, having regard to: a) the width of frontage proposed, if any b) the number of other lots which have the land subject to the right of



carriageway as their sole or	
principal mean of access;	

- c) the topography of the site;
- d) the ability to manoeuvre vehicles on the site; and
- e) the pattern of development existing on established properties in the area,

and is not less than 3.6m wide.

Comment:

A2 is met

Lot 1 & 2 and have a frontage of greater than 20m.

Acceptable Solutions	Performance Criteria
Each lot, or a lot proposed in a plan of subdivision, must be provided with a vehicular access from boundary of the lot to a road in accordance with the requirements of the road authority.	Each lot, or proposed in a plan of subdivision, must be provided with reasonable vehicular access to a boundary of a lot or building area on the lot, if any having regard to: a) the topography of the site b) the distance between the lot or building area and the carriageway; c) the nature of the road and the traffic; d) the anticipated nature of vehicles likely to access the site; and e) the ability for emergency services to access the site.

Comment:

A3 is met: Each lot will have a vehicular access from a boundary in accordance with the requirements of the road authority.

10.6.2 Roads

Objective:

That the arrangement of new roads within a subdivision provides;

- a) the provisions of safe, convenient and efficient connections to assist accessibility and mobility of the community;
- b) the adequate accommodation of vehicular, pedestrian, cycling and public transport traffic; and
- c) the efficient ultimate subdivision of the entirety of the land and of surrounding land.



Acceptable Solutions	Performance Criteria
A1 The Subdivision includes no new roads.	P1 The arrangement and construction of roads within a subdivision must provide an appropriate level of access, connectivity, safety, convenience and legibility for vehicles, pedestrians and cyclists, having regard to: a) any relevant road network plan adopted by council; b) the existing and proposed road hierarchy; c) the need for connecting roads and pedestrian path, to common boundaries with adjoining land, to facilitate future subdivision potential; d) maximising connectivity with the surrounding road, pedestrian, cycling and public transport networks; e) minimise the travel distance between key destinations such as shops and services and public transport routes; f) access to public transport; g) the efficient and safe movement of pedestrians, cyclists and public transport;
	 h) the need to provide bicycle infrastructure on new arterial and collector roads in accordance with the Guide to Road Design Part 6A: Paths for Walking and Cycling 2016; i) the topography of the site; and j) the future subdivision potential of any balance lots on adjoining or adjacent land.

Comment:

A1 is met: No new road is proposed as part of the subdivision.



10.6.3 Services

Objective:

That the subdivision of land provides services for the future use and development of the land.

Acceptable Solutions	Performance Criteria
Each lot, or a lot proposed in a plan of subdivision, excluding for public open space, a riparian or littoral reserve or Utilities, must: a) be connected to a full water supply service if the frontage of the lot is within 30m of a full water supply service; or: b) be connected to a limited water supply service if the frontage of the lot is within 30m of a limited water supply service, unless a regulated entity advises that the lot is unable to be connected to the relevant water supply service.	P1 No Performance Criterion.

Comment:

A1 is met: The site is unable to be connected to a reticulated service.

Acceptable Solutions	Performance Criteria
A2 Each lot, or a lot proposed in a plan of subdivision, excluding for public open space, a riparian or littoral reserve or Utilities, must have a connection to a reticulated sewerage system.	P2 Each lot, or proposed in a plan of subdivision, excluding for public open space, a riparian or littoral reserve or Utilities, must be capable of accommodating an onsite wastewater treatment system adequate for the future use and development of the land.

Comment:

P2 is met: Lot 1 has an existing onsite-waste water system, the remaining lots have adequate area for onsite drainage.

Acceptable Solutions	Performance Criteria
A3 Each lot, or a lot proposed in a plan of subdivision, excluding for public open space, a riparian or littoral reserve or Utilities, must be capable of connecting to a public stormwater system.	P3 Each lot, or proposed in a plan of subdivision, must be capable of accommodating an onsite stormwater management system adequate for the future use and development of the land, having regards to: a) the size of the lots



- b) topography of the site
- c) soil conditions;
- d) any existing buildings on the site;
- e) any area of the site covered by impervious surfaces; and
- f) any watercourse on the land.

Comment:

P3 is met: Each loach lot can contain stormwater onsite through natural drainage. Onsite Stormwater to be utilised for each lot, no concentrated stream to affect any neighbouring lot and stormwater to disperse through the soil



3.4 Codes



Figure 4. Scheme Overlay identification of the subject land and surrounds (LISTmap, 2023)



Code	Comments:
C1.0 Signs Code	N/A
C2.0 Parking and Sustainable Transport Code	As this Code is relevant to this proposal, an assessment is provided below
C3.0 Road and Railway Assets Code	N/A
C4.0 Electricity Transmission Infrastructure Protection Code	N/A
C5.0 Telecommunications Code	N/A
C6.0 Local Historic Heritage Code	N/A
C7.0 Natural Assets Code	N/A, it is considered the dam onsite isnt a watercourse but a farm dam as the watercourse wouldnt carry running water for all or part of the year.
C8.0 Scenic Protection Code	N/A
C9.0 Attenuation Code	N/A
C10.0 Coastal Erosion Hazard Code	N/A
C11.0 Coastal Inundation Hazard Code	[N/A
C12.0 Flood-Prone Areas Hazard Code	N/A
C13.0 Bushfire-Prone Areas Code	Please find attached Bushfire Hazard Management report by Livingston Natural Resource Services
C14.0 Potentially Contaminated Land Code	N/A
C15.0 Landslip Hazard Code	N/A
C16.0 Safeguarding of Airports Code	N/A



C2.0 Parking and Sustainable Transport Code

C2.6.3 Number of accesses for vehicles

Objective:

That:

- (a) access to land is provided which is safe and efficient for users of the land and all road network users, including but not limited to drivers, passengers, pedestrians and cyclists by minimising the number of vehicle accesses;
- (b) accesses do not cause an unreasonable loss of amenity of adjoining uses; and
- (c) the number of accesses minimise impacts on the streetscape.

Acceptable Solutions

Performance Criteria

A1

The number of accesses provided for each frontage must:

- (a) be no more than 1; or
- (b) no more than the existing number of accesses,

whichever is the greater.

Response:

A1 is met: Each lot has no more than one vehicle access point per road frontage

C13.0 Bushfire-Prone Areas Code

A Bushfire Hazard Assessment and Hazard Management Plan has been prepared and supplied to support the proposed subdivision. Please see the bushfire report for recommendations.



Conclusion

The planning assessment and supporting documentation provided demonstrate that the development proposal for a 2 Lot subdivision at 226 Ritchie Street, Westbury meets all applicable requirements of the Tasmanian Planning Scheme – Meander Valley.

Yours faithfully,

Allan Brooks

On behalf of

PDA Surveyors, Engineers and Planners



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