

DISCRETIONARY APPLICATION For Public Display

Applicant:

M Walsh

Location: 871 Dawson Road, Ouse & 991 Dawson Road, Ouse

Proposal: Boundary Reorganisation & Subdivision

DA Number: DA 2021 / 00072

Date Advertised: 22 November 2022

Date Representation Period Closes:

6 December 2022

Responsible Officer:

Louisa Brown (Planning Officer)

Viewing Documents:

The relevant documents may be viewed at Council's website <u>www.centralhighlands.tas.gov.au</u> or at Council's Offices 19 Alexander Street, Bothwell & 6 Tarleton Street, Hamilton during normal office hours.

Representations to:

General Manager 19 Alexander Street BOTHWELL TAS 7030

Email: development@centralhighlands.tas.gov.au

1 July 2021 The General Manager Central Highlands Council PO Box 20 Hamilton TAS 7140 Our Ref 21014



RJS Surveying Pty Ltd PO Box 14 Blackmans Bay TAS 7052

Phone: 0419 368 180 E: russell@peterbinnysurveys.com.au

Attn Planning Dept

Re: S Danieluk Pty Ltd & Nigel Tomlin; 871 Dawson Road Ouse & 991 Dawson Road Ouse; Subdivision and Boundary Reorganisation.

Please find attached Application and associated documents in support of a subdivision and boundary reorganisation for the above mentioned properties. The enclosed plan depicts the proposed.

The proposed Lot 6 will be a lot for Utilities use that is above 1 hectare in size (Central Highlands Interim Planning Scheme 26.5.2); an existing Power Station exists onsite for electricity generation. A Right of Way 10 metres wide is proposed to follow the existing road formation which is located from the eastern boundary of proposed Lot 6, passing through proposed Lot 5, to the intersection with Dawson Road. An Electricity Infrastructure Easement has been surveyed by Entura in early 2021 from the Power Station in an easterly direction following Dawson Road and is awaiting registration with the Land Titles Office.

The purpose of the boundary adjustment of Folio Reference 166928/3 (proposed Lot 5) is to enable the creation of proposed Lot 6 and to provide better utilisation of rural land through the reorganisation of boundaries with Folio Reference 179590/1. The rear boundary of FR 166928/3 has been straightened to reduce fencing costs and reduce boundary length as it is no longer constrained by the Gunns lease of land at the rear. The road frontage for FR 179590/1 has been increased and enables the subdivision of proposed lots 3 and 4. The existing Rights of Way "J" & "K" will be made redundant.

The subdivision of lots 1 and 2 is proposed on Folio Reference 177250/2 per the Plan of Subdivision.

Fees will be paid upon submission of this application. Please advise of fee totals for this application.

Yours Sincerely Michael Walsh Peter Binny Surveys

For office use only:



Development & Environmental Services 19 Alexander Street BOTHWELL TAS 7030

Phone (03) 6259 5503 Fax (03) 6259 5722

www.central highlands.tas.gov.au

Date Received: DA Number: PID:

Application for Planning Approval – Subdivision & Strata Division

	to apply for subdivision approval in accordar Provisions) Act 1993 and section 57 and 56				
	has been a pre-application meeting with a		0 11	Yes: 🗖	No:
Officer's name			Date:		
Applicant.	Owner & Contact Details:				
	of the Applicant and Owner of the land. (Pl	lease print)			
Applicant:	Michael Walsh	, , , , , , , , , , , , , , , , , , ,			
Address:	12 Conrad Drive		Phone No:	0448882209	
	Otago	TAS 7017	Fax: No:		
Email:	michael@peterbinnysurveys.com.au			0448882209	
Owner:	Nigel Tomlin ; S Danieluk Pty Ltd			0.420 (125 () //	
Address:	38 THE AVENUE ELLENDALE TAS 7140 (N	ligal Tamalin)	Phone No:	0439613566 (Danieluk)	Jraeme
Address.	4 MOLLINEAUX DR OLD BEACH TAS 7017			0427881281 (I	Nigel Tomlin)
Land Detail	ls <u>:</u>				
Provide details	s of the land, including street address, title d	letails and the existi			
Address:	871 DAWSON RD OUSE TAS 7140 991 DAWSON RD OUSE TAS 7140			, FR179590/1, , FR 166928/4	
Existing Use	Rural Resource Zone (Central Highlands Inter 2015)	im Planning Scheme	Please us	se definitions in _l	olanning scheme
Proposed [Development Details:				
Provide details	of the proposed subdivision development.				
Development:	Proposed boundary adjustment and subdivision Application Cover Letter.	n as shown in Plan of	Subdivision. Addi	tional context p	rovided in the
Tick ✓ if propos	ed developed is to be staged:		Yes 🖌	No C	ב
Tick ✓ Is the pro	pposed development located on land previously u	ised as a tip site?	Yes 🗖	No	V
	imate of the completed value of the propose itions by the Applicant or the Owner.	ed development wo	rks, including the	value of all sit	e works and ar
Est. value:	\$	Write 'Nil' if no wor	ks are proposed, e.	g. boundary adj	ustment
Declaration):				
and the accor The i In rel order I/we a purpo owne Count Inforr I/We secti Appli	pply for planning approval to carry out the mpanying documents and declare that: - nformation in this application is true and ation to this application, I/we agree to all r to assess the application. authorise Council to provide a copy of an ose of assessment or public consultation er of any part of this application to be obtained will only use the information provided to mation provided may be made available for declare that the Owner has been notified on 52(1) of the Land Use Planning and A es where the applicant is not the Owner and administered by the Crown or a council.	I correct. low Council emploin by documents related on and agree to an tained. to consider and det public inspection in I of the intention to pprovals Act 1993	oyees or consult ting to this applie trange for the p termine the appli accordance with o make this appl	ants to enter cation to any ermission of cation for plar section 57 of t ication in acc	the site in person for the the copyrigh nning approva- the Act. ordance with
	Muzan		The Applic	ant must sign ar	nd date this form
Signature:	L'Malss	Date:	30/06/2021		

Refer to application checklist over page for additional information requirements

Checklist

To ensure that we can process your application as quickly as possible, please read the following checklist carefully and ensure that you have provided the following at the time of lodging the application. If you are unclear on any aspect of your application, please contact Central Highlands Council by phone on (03) 6259 5503 to discuss or arrange an appointment concerning your proposal. Note that Council may require additional information in accordance with section 54 of the Land Use Planning and Approvals Act 1993.

- 1. A completed Application for Approval of Use/Development form. *Please ensure that the information provides an accurate description of the proposal, has the correct address and contact details and is signed and dated by the applicant.*
- 2. A current copy of the Certificate of Title for all lots involved in the proposal. The title details must include, where available, a copy of the search page, title plan, sealed plan or diagram and any schedule of easements (if any), or other restrictions, including covenants, Council notification or conditions of transfer.
- 3. Two (2) copies of the following information
 - a) An analysis of the site and surrounding area setting out accurate descriptions of the following -
 - topography and major site features including an indication of the type and extent of native vegetation present, natural drainage lines, water courses and wetlands, trees greater than 5 metres in height in areas of skyline or landscape importance and identification of any natural hazards including flood prone areas, high fire risk areas and land subject to instability;
 - (ii) soil conditions (depth, description of type, land capability etc);
 - (iii) the location and capacity of any existing services or easements on the site or connected to the site;
 - (iv) existing pedestrian and vehicle access to the site;
 - (v) any existing buildings on the site;
 - (vi) adjoining properties and their uses; and
 - (vii) soil and water management plans.
 - b) A site plan for the proposed use or development drawn, unless otherwise approved, at a scale of not less than 1:200 or 1:1000 for sites in excess of 1 hectare, showing -
 - (i) a north point;
 - (ii) the boundaries and dimensions of the site;
 - (iii) Australian Height Datum (AHD) levels and contours;
 - (iv) natural drainage lines, watercourses and wetlands;
 - (v) soil depth and type;
 - (vi) the location and capacity of any existing services or easements on the site or connected to the site, including the provisions to be made for supplying water and draining the lots;
 - (vii) the location of any existing buildings on the site, indicating those to be retained or demolished, and their relationship to buildings on adjacent sites, streets and access ways;
 - (viii) the use of adjoining properties;
 - (ix) the proposed subdivision lots boundaries and the building envelopes for buildings, including distinguishing numbers, boundary dimensions and areas;
 - (x) the streets, roads, footpaths and other ways public and private, existing and to be opened or constructed on the land, including the widths of any such roads, footpaths and other ways;
 - (xi) the general location of all trees over three (3) metres in height;
 - (xii) the position of any easement over or adjoining the land;
 - (xiii) the location of any buildings on the site or lots adjoining it;
 - (xiv) any proposed public open space, or communal space or facilities;
 - (xv) proposed landscaping, indicating vegetation to be removed or retained and species and mature heights of plantings; and
 - (xvi) methods of minimizing erosion and run-off during and after construction and preventing contamination of storm water discharged from the site.
- 4. A written submission supporting the application that demonstrates compliance with the relevant parts of the Act, State Polices and the Central Highlands Planning Scheme 1998, including a Traffic Impact Statement where the development is likely to create more than 100 vehicle movements per day.
- 5. Application fees.

As per Fee Schedule. Please contact Central Highland Council's Development and Environmental Services Department by phone on (03) 6259 5503 if you require assistance in calculating the fees.

1 July 2021 S Danieluk Pty Ltd (Graeme Danieluk) 4 Mollineaux Drive Old Beach TAS 7017 Our Ref 21014



RJS Surveying Pty Ltd PO Box 14 Blackmans Bay TAS 7052

Phone: 0419 368 180 E: russell@peterbinnysurveys.com.au

Re: S Danieluk Pty Ltd & Nigel Tomlin; 871 Dawson Road Ouse & 991 Dawson Road Ouse; Subdivision and Boundary Reorganisation.

Dear Graeme,

As owner of one of the above properties, I am hereby notifying you of the application I am making to Council for a boundary reorganisation and subdivision.

Please see attached Plan of Subdivision.

If you have any questions, please do not hesitate to contact me.

Yours Sincerely Michael Walsh Peter Binny Surveys Ph: 0448 882 209 1 July 2021 Nigel Tomlin 38 The Avenue Ellendale TAS 7140 Our Ref 21014



RJS Surveying Pty Ltd PO Box 14 Blackmans Bay TAS 7052

Phone: 0419 368 180 E: russell@peterbinnysurveys.com.au

Re: S Danieluk Pty Ltd & Nigel Tomlin; 871 Dawson Road Ouse & 991 Dawson Road Ouse; Subdivision and Boundary Reorganisation.

Dear Nigel,

As owner of one of the above properties, I am hereby notifying you of the application I am making to Council for a boundary reorganisation and subdivision.

Please see attached Plan of Subdivision.

If you have any questions, please do not hesitate to contact me.

Yours Sincerely Michael Walsh Peter Binny Surveys Ph: 0448 882 209





SEARCH OF TORRENS TITLE

VOLUME	FOLIO
166928	3
EDITION	DATE OF ISSUE
2	13-Jun-2014

SEARCH DATE : 01-Jul-2021 SEARCH TIME : 02.42 PM

DESCRIPTION OF LAND

Parish of SUTHERLAND Land District of BUCKINGHAM Lot 3 on Sealed Plan 166928 Derivation : Part of Lot 376, 720 Acres Gtd. to Alexander Macpherson and Part of 500A Gtd. to W A Bethune Prior CT 158564/1

SCHEDULE 1

M463125 TRANSFER to NIGEL TOMLIN Registered 13-Jun-2014 at 12.01 PM

SCHEDULE 2

Reservations and conditions in the Crown Grant if any SP166928 EASEMENTS in Schedule of Easements SP166928 FENCING COVENANT in Schedule of Easements SP166928 WATER SUPPLY RESTRICTION SP166928 SEWERAGE AND/OR DRAINAGE RESTRICTION SP166928 COUNCIL NOTIFICATION under Section 83(5) of the Local Government (Building and Miscellaneous Provisions) Act 1993. C287139 INSTRUMENT Creating Restrictive Covenants Registered 23-Mar-2001 at noon D114231 AGREEMENT pursuant to Section 71 of the Land Use Planning and Approvals Act 1993 Registered 12-Feb-2014 at noon

UNREGISTERED DEALINGS AND NOTATIONS

- 181027 Plan Pending Lodged by TAS NETWORKS on 14-Apr-2021 BP: 181027
- E260616 TRANSFER of EASEMENT Lodged by TAS NETWORKS on 26-Apr-2021 BP: E260611

FOLIO PLAN

the

RECORDER OF TITLES

Issued Pursuant to the Land Titles Act 1980







FOLIO PLAN

RECORDER OF TITLES

Issued Pursuant to the Land Titles Act 1980









FOLIO PLAN

RECORDER OF TITLES

Issued Pursuant to the Land Titles Act 1980





Search Time: 02:42 PM

Search Date: 03 Apr 2020







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SCHEDULE OF EASEMENTS

RECORDER OF TITLES

Issued Pursuant to the Land Titles Act 1980



SCHEDULE OF EASEMENTS

THE SCHEDULE MUST BE SIGNED BY THE OWNERS NOTE: & MORTGAGEES OF THE LAND AFFECTED. SIGNATURES MUST BE ATTESTED.

PAGE 1 OF 2 PAGE/S

Registered Number

1669

EASEMENTS AND PROFITS

Each lot on the plan is together with:-

such rights of drainage over the drainage easements shown on the plan (if any) as may be necessary to drain (1) the stormwater and other surplus water from such lot; and

any easements or profits a prendre described hereunder. (2)

Each lot on the plan is subject to:-

such rights of drainage over the drainage easements shown on the plan (if any) as passing through such lot as may be necessary to drain the stormwater and other surplus water from any other lot on the plan; and

any easements or profits a prendre described hereunder.

The direction of the flow of water through the drainage easements shown on the plan is indicated by arrows.

EASEMENTS

Lot 1 on the plan is together with a right of carriageway over that part of the Balance marked Right of Way G,15.00 wide on the plan.

(private)

Lot 1 on the plan is subject to a right of carriageway (appurtenant to the Balance) over the Right of Way H (private) 5.00 wide on the plan.

Lot 1 and the Balance are each subject to a right of carriageway in favour of Forestry Tasmania over the Right of Way 15.00 wide omplan 158564 created by dealing C765963. 'H' (private) the

Lot 2, Lot 4 and the Balance are each subject to a Burdening Wayleave Easement with the benefit of a restriction as to user of land in favour of Aurora Energy Pty Ltd (as described in C765988) over the Powertine Easement 12.00 wide shown on the plan. (private)

Lot 2 on the plan is together with a right of carriageway over the Right of Way A/20.00 wide shown on the plan.

Lot 3 on the plan is subject to a right of carriageway (appurtenant to the Balance) over the Right of Way J (Private) 15.00 wide and Right of Way K (Private) 15.00 wide shown on the plan (private)

Lot 4 on the plan is together with a right of carriageway over the Right of Way A/20.00 wide shown on the plan.

Abouile

(USE ANNEXURE PAGES FOR CONTINUATION)

SUBDIVIDER: _S DANIELUK PTY LTD FOLIO REF: Volume158564 Folio 1

SOLICITOR & REFERENCE: Shields Heritage

PLAN SEALED BY: Control Highlands Council DATE: 18 December 2013 09.2011/28

REF NO.



NOTE: The Council Delegate must sign the Certificate for the purposes of identification.

Volume Number: 166928

Revision Number: 01



SCHEDULE OF EASEMENTS

RECORDER OF TITLES

Issued Pursuant to the Land Titles Act 1980



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ANNEXURE TO SCHEDULE OF EASEMENTS PAGE 2 OF 2 PAGES

Registered Number

669 78

SUBDIVIDER: S DANIELUK PTY LTD

FOLIO REFERENCE: Volume158564 Folio1

INTERPRETATION

"Balance" means the Balance of the land remaining in folio of the register Volume 158564 Folio 1 after excepting thereout the lots on the sealed plan.

FENCING COVENANT

The Owner of each lot on the plan covenants with the Vendor (S Danieluk Pty Ltd) that the Vendor shall not be required to fence.

EXECUTED by S DANIELUK PTY LTD pursuant to Section 127 of the Corporations Act by being signed by two Directors

Director

Frentedby National Australia Bank Hd Mortgagee

Executed by National Australia Bank Ltd by its Altorney Michael ROBERT YOUNG who holds the position of Level 3 Attorney under Power of Attorney No. PAISLOI L Who declare-that he has received no notice of revocation of the said Dower) in the Dresance of

Attorne

Witness (MCLift

FULL NAME GAIGH (1)

NOTE: Every annexed page must be signed by the parties to the dealing or where the party is a corporate body be signed by the persons who have attested the affixing of the seal of that body to the dealing.





SEARCH OF TORRENS TITLE

VOLUME	FOLIO
177250	2
EDITION	DATE OF ISSUE
1	25-Sep-2020

SEARCH DATE : 01-Jul-2021 SEARCH TIME : 02.42 PM

DESCRIPTION OF LAND

Parish of SUTHERLAND Land District of BUCKINGHAM Lot 2 on Sealed Plan 177250 Derivation : Part of Lot 376, 720 Acres Alexander Macpherson Pur. & Part of 500 Acres W A Bethune Pur. Prior CT 167186/1

SCHEDULE 1

C859258 TRANSFER to S DANIELUK PTY LTD Registered 02-Jun-2008 at 12.01 PM

SCHEDULE 2

Reservations and conditions in the Crown Grant if any SP177250 EASEMENTS in Schedule of Easements SP177250 COVENANTS in Schedule of Easements SP177250 FENCING PROVISION in Schedule of Easements SP177250 WATER SUPPLY RESTRICTION SP177250 SEWERAGE AND/OR DRAINAGE RESTRICTION SP177250 SEPTIC TANK NOTIFICATION C287139 INSTRUMENT Creating Restrictive Covenants Registered 23-Mar-2001 at noon C859259 MORTGAGE to National Australia Bank Limited Registered 02-Jun-2008 at 12.02 PM D114231 AGREEMENT pursuant to Section 71 of the Land Use Planning and Approvals Act 1993 Registered 12-Feb-2014 at noon E167939 AGREEMENT pursuant to Section 78 of the Land Use Planning and Approvals Act 1993 Registered 25-Sep-2020 at noon

UNREGISTERED DEALINGS AND NOTATIONS

No unregistered dealings or other notations



			Registered Number
COUNCIL APPROVAL			SP 17725
(Insert any qualification to the permit	under section 83(5), section 109 or s	ection 111	01 17723
of the Local Government (Building & Mis The subdivision shown in this plan is a			
The Central Highlands Council cannot provide The Central Highlands Council cannot provide The Lot on the Plan is only suitable for the Treatment System or modified trench septic	e a means of connection to a supply of water a means of drainage of stormwater or sewer on-site disposal of wastewater using a lic or other approved system	r to the Lot shown on the Plan. age to the Lot shown on the Pl sensed Aerated Wastewater	an.
			_
In witness whereof the common seal of	Central Highlands Counci	· · · · · · · · · · · · · · · · · · ·	MA GUINA
has been affixed, pursuant to a resolut	ion of the Council of the said municip	ality	· VINY
passed the 8 day of Nove	mber 2018 , in the presence of	us	
Member	the manager parts		
Member Council Delegate	16	Council Reference	014/4
NOMINATIONS			
NOMINATIONS For the purpose of Section 88 of the Lo the owner has nominated	cal Government (Building & Micellaneou		or the owner
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OFFICE EXAMINATION:

Indexed

Computed 21. 31/5/17... Examined 1. 14/.6/19.







SCHEDULE OF EASEMENTS

NOTE: THE SCHEDULE MUST BE SIGNED BY THE OWNERS & MORTGAGEES OF THE LAND AFFECTED. SIGNATURES MUST BE ATTESTED.

EASEMENTS AND PROFITS

PAGE 1 OF 1 PAGE

Registered Number

SP 177250

Lot 2 is together with a right of carriageway over the land marked RIGHT OF WAY "A" (PRIVATE) 20.00 WIDE and RIGHT OF WAY "B" (PRIVATE) VARIABLE WIDTH on the plan

Lot 2 is subject to a right of carriageway (appurtenant to lot 1 on Plan 150903) over the land marked RIGHT OF WAY "C" (PRIVATE) 20.00 WIDE, RIGHT OF WAY "D" (PRIVATE) 20.00 WIDE and RIGHT OF WAY "E" (PRIVATE) VARIABLE WIDTH passing through that lot on the plan

Lot 2 is subject to a right of carriageway (in favour of Forestry Tasmania) over the land marked RIGHT OF WAY "C" (PRIVATE) 20.00 WIDE passing through that lot on the plan

Lot 2 is subject to a wayleave easement with the benefit of a restriction as to user of land created by and more fully set forth in Transfer No C765988 (in favour of Tasmanian Networks Pty Ltd) over the land marked POWER SUPPLY EASEMENT 12.00 WIDE passing through that lot on the plan

FENCING PROVISION

In respect to the lot on the plan the vendor (S Danieluk Pty Ltd) shall not be required to fence

COVENANTS

Lot 2 on is affected by covenants created by and more fully set forth in Instrument No C287139 the Plan

FORESTRY RIGHT

-Portion of lot 2 is affected by the forestry right created by and more fully set forth in Instrument No C606425-

Executed by S DANIELUK PTY LTD under section 127 of the

Corporations Act 2001 by being signed by-	its				
Director STEVEN DANIELUK	C .				
Print Full Name:					
Director: ANINE HARVEY FOR. S. DANIELIK DTYLTD.					
Print Full Name: alan Jan June 1. J. JANTELCK PTYLTD.					
	S FOR CONTINUATION)				
SUBDIVIDER: S DANIELUK P/L PLAN SEALED BY: CENTRAL HIGHLANDS COUNCIL					
FOLIO REF: 167186-1	DATE: & November 2018 Plan				
SOLICITOR: MARK SAMSON	SA-2014-4				

REF NO.

Council Delegate NOTE: The Council Delegate must sign the Certificate for the purposes of identification.





SEARCH OF TORRENS TITLE

	i
VOLUME	FOLIO
179590	1
EDITION	DATE OF ISSUE
2	22-Jun-2021

SEARCH DATE : 01-Jul-2021 SEARCH TIME : 02.42 PM

DESCRIPTION OF LAND

Parish of SUTHERLAND Land District of BUCKINGHAM Lot 1 on Plan 179590 Derivation : Part of Lot 376, 720 Acres Alexander Macpherson Pur. & Part of 500 Acres Walter Angus Bethune Pur. Prior CT 177251/1

SCHEDULE 1

C859258 TRANSFER to S DANIELUK PTY LTD Registered 02-Jun-2008 at 12.01 PM

SCHEDULE 2

- Reservations and conditions in the Crown Grant if any C507585 BENEFITING EASEMENT: a pipeline right over the land marked Pipeline Easement 5.00 wide on Plan 179590 Registered 14-Sep-2004 at 12.01 PM
- C765961 BURDENING EASEMENT: a right of carriageway (appurtenant to Lot 1 on Plan 150903) over the land marked Right of Way 'A' 20.00 wide on Plan 179590
- C765963 BURDENING EASEMENT: a right of carriageway in favour of Forestry Tasmania over the land marked Right of Way 'A' 20.00 wide on Plan 179590 Registered 22-Oct-2007 at 12.02 PM
- C765988 BURDENING WAYLEAVE EASEMENT with the benefit of a restriction as to user of land in favour of Aurora Energy Pty Ltd over the land marked Power Supply Easement 'A' 12.00 wide on Plan 179590 Registered 22-Oct-2007 at 12.03 PM
- SP177250 BURDENING EASEMENT: Right of Carriageway (appurtenant to Lot 2 on Sealed Plan 177250) over the land marked Right of Way 'A' 20.00 wide on Plan 179590
- SP179589 BURDENING EASEMENT: Right of Carriageway (appurtenant to Lots 1 & 11 on Sealed Plan 179589) over the land marked Right of Way variable width YZ on Plan 179590
- SP166928 BENEFITING EASEMENT: a right of carriageway over the land marked Right of Way 'F' 15.00 wide marked WX on Plan 179590



RESULT OF SEARCH

RECORDER OF TITLES

Issued Pursuant to the Land Titles Act 1980



- SP166928 BENEFITING EASEMENT: a right of carriageway over the lands marked Right of Way 'J' 15.00 wide and Right of Way 'K' 15.00 wide on Plan 179590
- SP166928 BURDENING EASEMENT: a right of carriageway (appurtenant to Lots 2 and 4 on Sealed Plan 166928) over the land marked Right of Way 'A' 20.00 wide marked YZ on Plan 179590
- C287139 INSTRUMENT Creating Restrictive Covenants Registered 23-Mar-2001 at noon
- D114231 AGREEMENT pursuant to Section 71 of the Land Use Planning and Approvals Act 1993 Registered 12-Feb-2014 at noon

UNREGISTERED DEALINGS AND NOTATIONS

181027 Plan - Pending Lodged by TAS NETWORKS on 14-Apr-2021 BP: 181027

















BUSHFIRE HAZARD REPORT

2 LOT SUBDIVISION

871 DAWSON ROAD, OUSE



CERTIFIED BY N M CREESE

Accredited Bushfire Practitioner BFP-118

Scope 1, 2, 3a and 3b

17th May 2022

1

LARK & CREESE

62 Channel Highway, Kingston 7050 Ph 6229 6563 info@larkandcreese.com.au Version 3.1 15th October 2020



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ATTACHMENT 1 - SUBDIVISION PLAN

ATTACHMENT 2 - BUSHFIRE HAZARD MANAGEMENT PLAN

Disclaimer:

AS 3959:2018 cannot guarantee that a habitable building will survive a bushfire attack, however the implementation of the measures contained within AS 3959:2018, this report and accompanying plan will improve the likelihood of survival of the structure. This report and accompanying plan are based on the conditions prevailing at the time of assessment. No responsibility can be accepted to actions by the landowner, governmental or other agencies or other persons that compromise the effectiveness of this plan. The contents of this plan are based on the requirements of the legislation prevailing at the time of report.

2



1. SUMMARY:

This Bushfire Hazard Report has been prepared to support the development of a new 2 lot rural subdivision at 871 Dawson Road, Ouse. The site is not subject to a bushfire prone area overlay under the under the relevant planning scheme, however, the site has been deemed to be bushfire prone due to its proximity to the areas of bushfire prone vegetation surrounding the site.

This report identifies the protective features and controls that must be incorporated into the design and construction works to ensure compliance with the standards. Fire management solutions are as defined in *AS 3959:2018 Construction of Buildings in Bushfire-Prone Areas and E1.6, Bushfire Prone Areas Code, Central Highlands Interim Planning Scheme 2015 (Code).*

All lots have been designed to achieve a bushfire attack level of BAL-19 (or lower) of *AS 3959:2018* in accordance with *E1.6, The Code*. New habitable buildings on these lots are to be constructed to this level, or greater, with the establishment and maintenance of the specified Hazard Management Areas to ensure ongoing protection from the risk from bushfire attack. A reduced bushfire attack level may be permitted where the separation distance between the bushfire prone vegetation and the building exceeds that required for BAL-19, subject to a revised assessment at the time of application for building approval.

Compliance with the requirements of E1.6, Bushfire Prone Areas Code are acheived as follows:

- Each lot within the proposed subdivision is provided with a building area assessed as being compliant with BAL-19 in compliance with *E1.6.1*, *The Code*.
- Private access is to be constructed in accordance with *Table E2, E1.6.2, The Code* to the lots. A turning area at the building area is not required to be constructed at the time of subdivision, however will be required at the time of development of a habitable building in accordance with *Table E2, E1.6.2, The Code*.
- Water supply is not required at the time of subdivision, but must be made available at the time of development of a habitable building on the lots in accordance with *Table E5, E1.6.3 The Code*.

The effectiveness of the measures and recommendations detailed in this report and *AS 3959:2018* is dependent on their implementation and maintenance for the life of the development or until the site characteristics that this assessment has been measured from alter from those identified. No liability can be accepted for actions by lot owners, Council or governmental agencies which compromise the effectiveness of this report.

This report has been prepared Nick Creese, principal of Lark & Creese surveyors. Nick is a registered surveyor in Tasmania and is accredited by the Tasmania Fire Service to prepare bushfire hazard management plans.

3



2. LOCATION:

Property address:	871 Dawsons Road, Ouse		
Title owner:	S. Danieluk Pty Ltd		
Title reference:	C.T. 177250/2		
PID N°:	9067002		
Title area:	165 ha		
Municipal area:	Central Highlands		
Zoning:	Rural Resource		



Image 1: Site location (Source The LIST)

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3. SITE DESCRIPTION:

The site is located off Dawson Road, approximately 8 km Northwest of intersection of Ellendale Road and Dawson Road, Ouse. The site is located at an elevation range of approximately 120-280 metres. The grades on-site range from 0-5° in the central areas to greater than 20° in the east and south.

The site was vegetated by a mix of native vegetation in the central, southern and western portions, with former plantation in the east and north. At the time of assessment, the majority of the plantation vegetation had been removed with grasses regenerating.

The neighbouring allotments to the North include a mix of plantation, areas of native vegetation, grassed areas, and Dawson Road.

Adjacent to the Eastern and Southern boundaries is Broad River beyond which are allotments that appeared to be utilised for forestry purpose. These allotments are vegetated by a mix of native vegetation and forestry plantations.

The allotments to the West appeared to be utilised for forestry purposes and are vegetated by areas of native vegetation and areas of plantation.

Reticulated water supply is unavailable to the site with domestic water supply requirements reliant on on-site storage.

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Image 2: Aerial image of site and surrounds (Source: The LIST)

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Image 3: Looking North across Lot 1



Image 4: Looking East across Lot 1

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Planning Controls:

Planning controls are administered by the Central Highlands Council under the *Central Highlands Interim Planning Scheme 2015.* The site is subject to a Waterways and Coastal Protection Area, Landslide Hazard Area and Electricity Transmission Infrastructure Protection overlays and is zoned Rural Resource. No Bushfire Prone Areas overlay is currently available for this site with the application of E1.0, Bushfire Prone Areas Code based on the presence of in excess 1 hectare of potential bushfire prone vegetation within 100 metres of the site.



Image 5: Council zoning and overlays

Beige:	Rural Resource
Blue hatching:	Waterways and Coastal Protection
Orange hatching:	Landslide Hazard Area
Whole of site:	Bushfire Prone Area

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Fire History:

From the Fire History overlay detailed within *The LIST* map imagery, two bushfire events are mapped within a 2 km range of the site. These include two bushfires that impacted the site directly. One in 2010, affected \pm 6285 ha, and was caused by arson. The second occurred in 2013, affected \pm 10238 ha which was accidental in origin.



Image 6: Bushfire History (Source: The LIST)

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4. PROPOSED DEVELOPMENT:

The proposal is to subdivide the parent title into two allotments resulting in Lot 1, 60.17 ha, and Lot 2, 105.2 ha. Lots 3-6 are not considered by this report.



Image 7: Subdivision layout

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5. BUSHFIRE ATTACK LEVEL:

Fire Danger Index (FDI): The Fire Index Rating for Tasmania is adopted as 50.

Vegetation Assessment:

Following assessment of the characteristics of the site, the vegetation types, separation distances from development site and slope under the vegetation have been identified as shown in Table 1 below:

Lot N°	Direction:	Vegetation type:	Distance (m):	Slope:
1	North:	Woodland	0-100	Level
(Indicative				
location 1)				
	East:	Woodland	0-100	<5° down
	South:	Woodland	0-70	Level
		Forest	70-100	
	West:	Woodland	0-100	9° up
1	North:	Woodland	0-90	5° down
(Indicative		Forest	90-100	
location 2)				
	East:	Woodland	0-100	9° down
	South:	Woodland	0-100	Level
	West:	Woodland	0-100	6° up
2	Northeast:	Woodland	0-100	Level
(Indicative				
location 3)				
	Southeast:	Woodland	0-100	11° down
	Southwest:	Woodland	0-100	Level
	Northwest:	Woodland	0-100	12° up
2	Northeast:	Woodland	0-100	12° down
(Indicative				
location 4)				
	Southeast:	Woodland	0-100	Level
	Southwest:	Woodland	0-100	7° up
	Northwest:	Woodland	0-100	Level

Table 1: Site Assessment


NOTE: The vegetation identified above has been assessed in consideration of *Table 2.3* and *Figures 2.4 (A)-(H), AS 3959:2018* as follows.

The site was vegetated predominately by plantation which been removed at some point in the past. The vegetation within this area was regenerating with scattered eucalypts and bracken ferns. This area of vegetation has been assessed as having a potential to regenerate into a vegetation community consistent with *Figure 2.4(C)* as *Woodland B-05* resulting in a vegetation classification of **B: Woodland**. The vegetation within the remainder of the property appeared to follow the water courses and consisted of eucalypts with a dense understory with an assessed foliage coverage of >30%. As a result, these areas of vegetation have been classified as **A: Forest** in accordance with *Figure 2.4(B)* as *Open Forest A-03*.

Vegetation Classification:

In consideration of vegetation classifications under *Table 2.3* and *Figures 2.4* (*A*)-(*H*), *AS 3959:2018* and as detailed above, the predominant vegetation, separation distances from development site and slope under the classified vegetation is assessed as shown in Table 2 below:

Direction:	Vegetation Type:	Distance (m):	Slope:	Exclusions:	
LOT 1 (Indicati	ve location 1)				
North:	B: Woodland	0-100	Level	No	
East:	B: Woodland	0-100	<5° down	No	
South:	B: Woodland A: Forest	0-70 70-100	Level	No	
West:	B: Woodland	0-100	9° up	No	
LOT 1 (Indicati	ve location 2)				
North:	B: Woodland A: Forest	0-90 90-100	5° down	No	
East:	B: Woodland	0-100	9° down	No	
South:	B: Woodland	0-100	Level	No	
West:	B: Woodland	0-100	6° up	No	
LOT 2 (Indicati	ve location 3)				
Northeast:	B: Woodland	0-100	Level	No	
Southeast:	B: Woodland	0-100	11° down	No	
Southwest:	B: Woodland	0-100	Level	No	
Northwest:	B: Woodland	0-100	12° up	No	
LOT 2 (Indicati	LOT 2 (Indicative location 4)				
Northeast:	B: Woodland	0-100	12° down	No	



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Southeast:	B: Woodland	0-100	Level	No
Southwest:	B: Woodland	0-100	7° up	No
Northwest:	B: Woodland	0-100	Level	No



Image 8: Aerial image of predominate vegetation (Source The LIST)

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Image 9: Predominate vegetation to the North of site – B: Woodland (regenerating)



Image 10: Predominate vegetation to the East of site - B: Woodland (regenerating)

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Image 11: Predominate vegetation to the South of site – **B: Woodland** (regenerating) (Reserved forest in background assessed as A: Forest)



Image 12: Predominate vegetation to the Southwest of site – **B: Woodland** (regenerating) (Reserved forest in background assessed as A: Forest)

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Bushfire Attack Level (BAL):

Based on the predominant vegetation detailed above, and the separation distances available between the predominant vegetation and the development, the BAL applicable for a compliant building area within each lot has been determined from *Table 2.6, AS 3959:2018* as follows:

LOT No.	BAL	Direction	Distance to veg	Slope	Vegetation Classification	HMA per Table 2.6
1	BAL-19	North	0 m	Level	B: Woodland	15-<22 m
(Indicative		East	0 m	<5° d	B: Woodland	18-<26 m
location 1)		South	0 m	Level	B: Woodland*	15-<22 m
		West	0 m	9° u	B: Woodland	15-<22 m
1	BAL-19	North	0 m	5° d	B: Woodland*	23-<32 m
(Indicative		East	0 m	9° d	B: Woodland	23-<32 m
location 2)		South	0 m	Level	B: Woodland	15-<22 m
		West	0 m	6° u	B: Woodland	15-<22 m
2	BAL-19	Northeast	0 m	Level	B: Woodland	15-<22 m
(Indicative		Southeast	0 m	11° d	B: Woodland	28-<40 m
location 3)		Southwest	0 m	Level	B: Woodland	15-<22 m
		Northwest	0 m	12° u	B: Woodland	15-<22 m
2	BAL-19	Northeast	0 m	12° d	B: Woodland	28-<40 m
(Indicative		Southeast	0 m	Level	B: Woodland	15-<22 m
location 4)		Southwest	0 m	7° u	B: Woodland	15-<22 m
		Northwest	0 m	Level	B: Woodland	15-<22 m

Table 2: Assessed Bushfire Attack Level for each lot

NOTE: *The vegetation has been assessed as B: Woodland and A: Forest. The predominate vegetation has been assessed as B: Woodland due to the distance between the indicative sites and the vegetation assessed as A: Forest.



6. COMPLIANCE:

The site has been assessed as being within 100 metres of bushfire prone vegetation and compliance is assessed against the provisions of *E1.6*, *Bushfire Prone Areas Code* in the following manner:

E1.6.1 Provision of Hazard Management Areas:

This provision seeks to:

- (a) facilitate an integrated approach between subdivision and subsequent building on a *lot;*
- (b) provide for sufficient separation of building areas from bushfire-prone vegetation to reduce the radiant heat levels, direct flame attack and ember attack at the building area; and
- (c) provide protection for lots at any stage of a staged subdivision.

A1	Acceptable Solutions
(a)	TFS or an accredited person certifies that there is an insufficient increase in
	risk from bushfire to warrant the provision of hazard management areas as part
	of a subdivision; or
(b)	The proposed plan of subdivision;
	(i) Shows all lots that are within of partly within a bushfire-prone area, including
	those developed at each stage of a staged subdivision;
	(ii) Shows the building area for each lot;
	(iii) Shows hazard management areas between bushfire-prone vegetation and
	each building area that have dimensions equal to or greater than, the
	separation distances required for BAL-19 in Table 2.6 of Australian Standard
	AS 3959:2018 Construction of buildings in bushfire-prone areas; and
	(iv) Is accompanied by a bushfire hazard management plan that addresses all
	the individual lots and that is certified by the TFS or accredited person,
	showing hazard management areas equal to , or greater than , the separation
	distances required for BAL-19 in Table 2.6 of Australian Standard AS
	3959:2018 Construction of buildings in bushfire-prone areas; and
(C)	If hazard management areas are to be located on land external to the proposed
	subdivision the application is accompanied by the written consent of the owner
	of the land to enter into an agreement under section 71 of the Act that will be
	registered on the title of the neighbouring property providing for the affected
	land to be managed in accordance with the bushfire hazard management plan.

The proposed subdivision has been assessed as being compliant with the Acceptable Solutions (b) as follows;

- (i) The plan of subdivision shows all lots within or partly within a bushfire-prone area.
- (ii) The plan of subdivision shows compliant building areas for all proposed allotments

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- (iii) Each lot is capable of complying with the hazard management requirements of at least those required for BAL-19.
- (iv) The attached hazard management plan shows hazard management areas for each lot that are equal to or greater than the distances required for BAL-19.

Lots assessed as BAL-19 are: LOTS: 1 & 2

Provided the management practices as described above are implemented, they will achieve the required Hazard Management areas, and the continuations of these practices are sufficient to comply with this assessment.

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E1.6.2 Subdivision: Public and fire fighting access

This provision seeks to;

- (a) Allow safe access and egress for residents, firefighters and emergency service personnel;
- (b) Provide access to the bushfire-prone vegetation that enables both property to be defended when under bushfire attack and for hazard management works to be undertaken;
- (c) Are designed and constructed to allow for fire appliances to be manoeuvred;
- (d) Provide access to water supplies for fire appliances; and
- (e) Are designed to allow connectivity, and where needed, offering multiple evacuation points.

A1	Acceptable solutions	
(a)	TFS or an accredited person certifies that there is insufficient increase in risk	
	from bushfire to warrant specific measures for public access in the subdivision	
	for the purposes of fire fighting; or	
(b)	A proposed plan of subdivision showing the layout of roads, fire trails and the	
	location of property access to building areas is included in a bushfire hazard	
	management plan that;	
	(i) Demonstrates proposed roads will comply with Table E1, proposed private	
	accesses will comply with Table E2 and proposed fire trails will comply with	
	Table E3; and	
	(ii) Is certified by the TFS of an accredited person.	

The proposed subdivision has been assessed as being compliant with the Acceptable Solutions (b) as follows;

- (i) The attached plan of subdivision shows the layout of roads, fire trails and the location of the property accesses to the building areas in compliance with *Table E1*, *Table E2* and *Table E3*.
- (ii) This bushfire hazard report and attached bushfire hazard management area plan has been certified by N.M. Creese, an accredited bushfire practitioner BFP-118, scope 1 ,2 ,3a and 3b.

The development requires the construction of a new private access to each lot from Dawson Road to provide safe access and egress for residents, fire fighters and emergency service personnel. In accordance with E1.6.2 A1(b) the Code. The private accesses are to comply with the requirements of Table E2 from the edge of Dawson Road to the boundary of each Lot.

A turning area is to be provided at the building site on each Lot at the time of development of a habitable building on that lot in accordance with *Table E2*. For the purpose of this subdivision, the compliant access is only required to extend to the boundary of the lots.

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It is not considered necessary to provide alternative means of egress from the lots due to the restricted nature of the sites. The existing fire trails throughout the development site are to be upgraded and maintained in compliance with *Table E3*.

Tabl	e E2 Standards for p	roperty access
	nents	Requirement
A	Property access length is less than 30m; or access in not required for a fire appliance to access a firefighting water point	There are no specified design and construction requirements.
B	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%) enrty and exit angles; (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 unsleaed roads; and (j) Terminate with a turning area for fire appliances provided by one of the following; (i) A tuning circle with a minimum outer radius of 10m; or (ii) A property access encircling the building; or (iii) A hammerhead 'T' or 'Y' turning head 4m wide and 8m long.
С	Property access length is 200m or greater.	 The following design and construction requirements apply to property access: (a) The requirements of B above; and (b) Passing bays of 2m additional carriageway width and 20m length provided every 200m.
D	Property access length is greater than 30m, and access is provided to 3 or more properties.	 The following design and constructions requirements apply to property access: (a) Complies with requirement b above; and (b) Passing bays of 2m additional carriageway width and 20m length must be provided every 100m.

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Та	Table E3 Standards for fire trails			
Ele	ement	Requirement		
A	All fire trails	 The following design and construction requirements apply: (a) All-weather, 4 whell drive 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 2m from the edge of the carriageway; (f) Cross falls of less then 3 degree (1:20 or 5%); (g) Dips less than 7 degrees (1:8 or 12.5%) entry and exit angles; (h) Curves with a minimum inner radius of 10m; (i) Maximum gradient of 15 degrees (1:5.5 or 28%) for sealed fire trails, and 10 degrees (1:5.5 or 18%) for unsealed fire trails; (j) Gates if installed at fire trail entry, have a minimum width of 3.6m, and if locked, keys are provided to TFS; and (k) Terminate with a turning area for fir appliances provided by one of the following: (i) A turning circle with a minimum outer radius of 10m; (ii) A hammerhead 'T' or 'Y' turning head 4m wide and 8m long. 		
B	Fire trial length is 200m or greater.	 The following design and construction requirements apply: (a) The requirements for A above; and (b) Passing bays of 2m additional carriageway width and 20m length provided every 200m. 		



E1.6.3 Subdivision: Provision of water supply for fire fighting purposes

This provision seeks to :

Adequate, accessible and reliable water supply for the purposes of fire fighting can be demonstrated at the subdivision stage and allow for the protection of life property associated with the subsequent use and development of bushfire-prone areas.

ln a	In areas that are not serviced by reticulated water by the water corporation			
A2	Acceptable solutions			
(a)	The TFS or an accredited person certifies that there is insufficient increase in risk from bushfire to warrant provision of a water supply for fire fighting purpose;			
(b)	The TFS or an accredited person certifies that a proposed plan of subdivision demonstrates that a static water supply, dedicated to fire fighting, will be provided and located compliant with Table E5; or			
(c)	A bushfire hazard management plan certified by the TFS or an accredited person demonstrates that the provision of water supply for fire fighting purposes is sufficient to manage the risk to property and lives in the event of a bushfire.			

Where a reticulated supply of water is not available to the site, in accordance with Acceptable Solution A2(b), all lots are assessed as being within a bushfire prone area and must be provided with a firefighting supply of water from a static supply in compliance with the provisions of *Table E5, E1.6.2* as follows:

Each lot is to be provided with a static water supply of minimum capacity of 10,000 litres at the time of development of a habitable building.

Та	Table E5 Static water supply for fire fighting				
Ele	ement	Requirement			
A	Distance between buildings area to be protected and water supply	 The following requirements apply: (a) The building area to be protected must be located within 90m of the fire fighting water point of a static water supply; and (b) The distance must be measured as a hose lay, between the fire fighting 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 for fire fighting water must be available at all times; (c) Must be a minimum of 10,000L per building area to be protected. This volume of water must not be used for any other purpose including fire fighting sprinklers or spray systems; 			

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C	Fittings, pipework and accessories (including stands and tank supports)	 (d) Must be metal, concrete or lagged by non-combustible materials is above ground; and (e) If a tank can be located so it is shielded in all directions in compliance with section 3.5 of Australian Standard AS 3959:2018 Construction of buildings in bushfire-prone areas, the tank may be constructed of any material provided that the lowest 400mm of the tank exterior is protected by: (i) Metal; (ii) Mon-combustible material; or (iii) Fibre-cement a minimum of 6mm thickness. Fittings and pipework associated with a fire fighting water point for a static water supply must: (a) Have a minimum nominal internal diameter of 50mm; (b) Be fitted with a valve with a minimum nominal internal diameter of 50mm; (c) Be metal of lagged by non-combustible materials if above ground; (d) If buried, have a minimum depth of 300mm; (e) Provide a DIN or NEN standard forged Storz 65mm coupling fitted with a suction washer for connection to fir fighting equipment; (f) Ensure the coupling is accessible and available for connection at al times; (g) Ensure the coupling is sitted with a blank cap and securing chain (minimum 220mm length); (h) Ensure underground tanks have either an opening at the top of not less than 250mm diameter or a coupling compliant with this Table; and (i) Visible; (ii) Accessible to allow connection by fire fighting equipment; (ii) Accessible to allow connection by fire fighting equipment; (iii) At a working height of 450-600mm above ground level; and
D	Signage for static water connections.	The fire fighting water point for a static water supply must be identified by a sign permanently fixed ro the exterior of the assembly in a visible location. The sign must:
		 (a) Comply with water tank signage requirements within Australian Standard AS 2304-2001 Water storage tanks for fire protection systems; or (b) Comply with the Tasmanian Fire Service Water Supply Guideline published by the Tasmanian Fire Service.
Ε	Hardstand	A hardstand area for fire appliances must be:

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 (a) No more than 3m from the fire fighting water point, measured as a hose lay (including the minimum water level in dams, swimming pools and the like); (b) No closer than 6m from the building area to be
 (b) No closer than 6m from the building area to be protected; (c) A minimum width of 3m 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.

Individual Lot Management:

Each lot subject to this assessment and considered to be exposed to a risk of attack from bushfire is to be maintained in a manner to ensure the risk to any building on the lot, or to adjoining lots is minimized. This may be achieved, but is not necessarily limited to the following:

- Establishing non-flammable areas around the dwelling such as paths, patios, driveways, lawns etc.
- Locating dams, orchards, vegetable gardens, effluent disposal areas etc on the bushfire prone side of the building.
- Providing heat shields and ember traps on the bushfire prone side of the dwelling such as non-flammable fencing, hedges, separated garden shrubs and small trees. Avoid the use of highly flammable plants.
- Ensure flammable materials such as wood piles, fuels and rubbish heaps are stored away from the dwelling.
- Replace highly flammable plants with low flammability species.
- Provide horizontal separation between tree crowns and vertical separation between ground fuels and overhead branches.
- Regular slashing or mowing of grass to a height of less than 100mm.
- Removal of ground fuels such as leaves, bark, fallen branches etc on a regular basis.
- Ensuring no trees overhang the dwelling so that vegetation falls onto the roof.



7. CONCLUSIONS & RECOMMENDATIONS:

This Bushfire Hazard Report and Bushfire Hazard Management Plan have been prepared to support application for planning approval for a subdivision at 871 Dawson Road, Ouse. The report has reviewed the bushfire risks associated with the site and determined the fire management strategies that must be carried out to ensure the development on the site is at reduced risk from bushfire attack.

Provided the elements detailed in this report are implemented, the development on the site is capable of compliance with *AS 3959:2018* and *E1.6 Bushfire-Prone Areas Code* and any potential bushfire risk to the site is reduced.

The proposed lots have been assessed as compliant with bushfire attack levels (BAL) detailed in Table 2. The Council approval issued for the development should contain conditions requiring that the protective elements defined in this report and *E1.6*, *Bushfire-Prone Areas Code* be implemented during the construction phase. Any new building required to comply with this assessment must be constructed to the bushfire attack level described in Table 2, within the prescribed building areas noted on the Bushfire Hazard Management Plan. Should the extent or classification of the bushfire prone vegetation surrounding the site alters from that assessed by this report, building on the lots affected by this variation may be constructed to a lower level subject to the preparation of a revised assessment.

Lot No.	Compliant BAL
1 & 2	BAL-19

Table 3: Compliant BAL for each lot

Any new building constructed on any of the allotments must have a hazard management area equal to BAL-19 in compliance with *E1.6.1*, the *Code*. Any variation of this must result in the new building being assessed against *AS 3959:2018* and *Director's Determination – Requirements of Building in Bushfire-Prone Areas (transitional)* to determine that appropriate BAL.

Private access, where necessary is to be constructed in accordance with *Table E2*, *E1.6.2*, *Bushfire-Prone Areas Code*.

A static water supply is to be installed at the time of development of a new dwelling on either lot in compliance with *Table E5, E1.6.3, Bushfire-Prone Areas Code*.

Although not mandatory, any increase in the construction standards above the assessed Bushfire Attack Level will afford improved protection from bushfire and this should be considered by the owner, designer and/or builder prior to construction commencing.

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Hazard Management Areas must be established and maintained in a minimal fuel condition in accordance with this plan and the TFS guidelines. It is the owner's responsibility to ensure the long-term maintenance of the hazard management areas in accordance with the requirements of this report.

This report does not recommend or endorse the removal of any vegetation within or adjoining the site for the purpose of bushfire protection without the explicit approval of the local authority.

 \sim

N M Creese Bushfire Management Practitioner BFP-118 Scope 1, 2, 3a and 3b

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8. REFERENCES:

- AS 3959:2018 Construction of Buildings in Bushfire Prone Areas.
- Central Highlands Interim Planning Scheme 2015.
- Guidelines for Development in Bushfire Prone Areas Tasmania Fire Service.
- *The LIST* Department of Primary Industry Parks Water & Environment.

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9. GLOSSARY

AS 3959:2018	Australian Standards AS 3959:2018 Construction of buildings in bushfire-prone areas.
BAL (Bushfire Attack Level)	A means of measuring the severity of a building's potential exposure to ember attack, radiant heat and direct flame contact, using increments of radiant heat expressed in kilowatts per metre squared, and the basis for establishing the requirements for construction to improve protection of building elements from attack by bushfire. The following BAL levels, based on heat flux exposure threshold are used within AS3959:2018; BAL-LOW, BAL-12.5, BAL-19, BAL-29, BAL-40, BAL-FZ.
Bushfire	An unplanned fire burning vegetation.
Bushfire Hazard Management Plan	A plan showing means of protection from bushfire in a form approved in writing by the Chief Officer.
Bushfire-Prone Area	An area that is subject to, or likely to be subject to, bushfire attack. Land that has been designated under legislation; or
	Has been identified under environmental planning instrument, development control plan or in the course of processing and determining a development application.
Carriageway (also vehicular access)	The section of the road formation which is used by traffic, and includes all the area of the traffic lane pavement together with the formed shoulder.
Classified vegetation	Vegetation that has been classified in accordance with Clause 2.2.3 of AS3959:2018.
Distance to	The distance between the building, or building area to the classified vegetation.
FDI (Fire Danger Index)	The chance of a fire starting, its rate of spread, its intensity and the difficulty of its suppression, according to various combinations of air temperature, relative humidity, wind speed and both long- and short-term drought effects.
Fire Fighting Water Point	Means the point where a fire appliance is able to connect to a water supply for fire fighting purposes. This includes a coupling in the case of a fire hydrant, offtake or outlet, or the minimum water level in the case of a static water body (including a dam, lake or pool).
Gradient under	The slope of the ground under the classified vegetation.
Hazard Management Area	The area between a habitable building or building area and bushfire-prone vegetation, which provides access to a fire front for fire fighting, which is maintained in a minimal fuel condition and in which there are no other hazards present which will significantly contribute to the spread of a bushfire.
Hose lay	The distance between two points established by a fire hose laid out on the ground, inclusive of obstructions.
Predominate vegetation	The vegetation that poses the greatest bushfire threat to the development site.
Water supply - Reticulated (Fire hydrant)	An assembly installed on a branch from a water pipeline, which provides a valved outlet to permit a supply of water to be taken from the pipeline for fire fighting.
Water supply - Static	Water stored on a tank, swimming pool, dam, or lake, that is available for fire fighting purposes at all times.

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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:

871 DAWSON ROAD, OUSE

Certificate of Title / PID:

C.T. 177250-2 / PID 9067002

2. Proposed Use or Development

Description of proposed Use and Development:

SUBDIVISION

Applicable Planning Scheme:

CENTRAL HIGHLANDS INTERIM PLANNING SCHEME 2015

3. Documents relied upon

This certificate relates to the following documents:

Title	Author	Date	Version
PLAN OF SUBDIVISION	Peter Binny Surveyors	1 st July 2021	Rev02
BUSHFIRE HAZARD REPORT	N M Creese	17 th May 2022	22082-01

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

4. Nature of Certificate

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

Γ	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 Uses	
Acceptable Solution	Compliance Requirement
E1.5.1 P1 / C13.5.1 P1	<i>Planning authority discretion required. A proposal cannot be certified as compliant with P1.</i>
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
E1.5.2 P1 / C13.5.2 P1	<i>Planning authority discretion required. A proposal cannot be certified as compliant with P1.</i>
E1.5.2 A2 / C13.5.2 A2	Emergency management strategy
E1.5.2 A3 / C13.5.2 A3	Bushfire hazard management plan

E1.6.1 / C13.6.1 Subdivision: Provision of hazard management areas		
Acceptable Solution	Compliance Requirement	
E1.6.1 P1 / C13.6.1 P1	<i>Planning authority discretion required. A proposal cannot be certified as compliant with P1.</i>	
E1.6.1 A1 (a) / C13.6.1 A1(a)	Insufficient increase in risk	
E1.6.1 A1 (b) / C13.6.1 A1(b)	Provides BAL-19 for all lots (including any lot designated as 'balance')	
E1.6.1 A1(c) / C13.6.1 A1(c)	Consent for Part 5 Agreement	

E1.6.2 / C13.6.2 Subdivision: Public and fire fighting access	
Acceptable Solution	Compliance Requirement
E1.6.2 P1 / C13.6.2 P1	<i>Planning authority discretion required. A proposal cannot be certified as compliant with P1.</i>
E1.6.2 A1 (a) / C13.6.2 A1 (a)	Insufficient increase in risk
E1.6.2 A1 (b) / C13.6.2 A1 (b)	Access complies with relevant Tables

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
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. Bushfire Hazard Practitioner			
Name:	NICHOLAS MARK CREESE	Phone No:	62296563
Postal Address:	62 CHANNEL HIGHWAY KINGSTON, TAS, 7050	Email Address:	info@larkandcreese.com.au
Accreditation No: BFP – 118 Scope: 1, 2, 3a, and 3b			

6. Certification

I certify that in accordance with the authority given under Part 4A of the *Fire Service Act 1979* that the proposed use and development:

Is exempt from the requirement Bushfire-Prone Areas Code because, having regard to the objective of all applicable standards in the Code, there is considered to be an insufficient increase in risk to the use or development from bushfire to warrant any specific bushfire protection measures, or

✓ The Bushfire Hazard Management Plan/s identified in Section 3 of this certificate
 is/are in accordance with the Chief Officer's requirements and compliant with the relevant Acceptable Solutions identified in Section 4 of this Certificate.

Signed: certifier		\geq	
Name:	N.M. CREESE	Date:	17th May 2022
		Certificate Number:	BFP-118
		(for Practition	ner Use only)





BUSHFIRE HAZARD REPORT

6 LOT SUBDIVISION

871 & 991 DAWSON ROAD, OUSE



CERTIFIED BY N M CREESE

28th September 2022

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Disclaimer:

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AS 3959:2018 cannot guarantee that a habitable building will survive a bushfire attack, however the implementation of the measures contained within AS 3959:2018, this report and accompanying plan will improve the likelihood of survival of the structure. This report and accompanying plan are based on the conditions prevailing at the time of assessment. No responsibility can be accepted to actions by the landowner, governmental or other agencies or other persons that compromise the effectiveness of this plan. The contents of this plan are based on the requirements of the legislation prevailing at the time of report.



1. SUMMARY:

This Bushfire Hazard Report has been prepared to support the development of a new 6 lot rural subdivision at 871 and 991 Dawson Road, Ouse. The site is subject to a bushfire prone area overlay under the under the relevant planning scheme.

This report identifies the protective features and controls that must be incorporated into the design and construction works to ensure compliance with the standards. Fire management solutions are as defined in *AS 3959:2018 Construction of Buildings in Bushfire-Prone Areas and E1.6 Development Standards, E1.0 Bushfire-Prone Areas Code, Part E Codes, Central Highlands Interim Planning Scheme 2015 (Code).*

All lots have been designed to achieve a bushfire attack level of BAL-19 (or lower) of *AS 3959:2018* in accordance with *E1.6, The Code*. New habitable buildings on these lots are to be constructed to this level, or greater, with the establishment and maintenance of the specified Hazard Management Areas to ensure ongoing protection from the risk from bushfire attack. A reduced bushfire attack level may be permitted where the separation distance between the bushfire prone vegetation and the building exceeds that required for BAL-19, subject to a revised assessment at the time of application for building approval.

Compliance with the requirements of E1.6, Bushfire Prone Areas Code are achieved as follows:

- Each lot within the proposed subdivision is provided with a building area assessed as being compliant with BAL-19 in compliance with *E1.6.1*, the *Code*.
- Private access is to be constructed in accordance with *Table E2, E1.6.2,* the *Code* to the lots. A turning area at the building area is not required to be constructed at the time of subdivision, however, will be required at the time of development of a habitable building in accordance with *Table E2, E1.6.2,* the *Code*.
- Water supply is not required at the time of subdivision but must be made available at the time of development of a habitable building on the lots in accordance with *Table E5, E1.6.3* the *Code*.

The effectiveness of the measures and recommendations detailed in this report and *AS 3959:2018* is dependent on their implementation and maintenance for the life of the development or until the site characteristics that this assessment has been measured from alter from those identified. No liability can be accepted for actions by lot owners, Council or governmental agencies which compromise the effectiveness of this report.

This report has been prepared Nick Creese, principal of Lark & Creese surveyors. Nick is a registered surveyor in Tasmania and is accredited by the Tasmania Fire Service to prepare bushfire hazard management plans.

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2. LOCATION:

Property address:	871 & 991 Dawsons Road, Ouse
Title owner:	S. Danieluk Pty Ltd & N. Tomlin
Title reference:	C.T. 177250/2, C.T. 179590/1 & C.T. 166928/3
PID N°:	9067002 & 3287094
Title area:	Approximately 259 ha & approximately 21 ha
Municipal area:	Central Highlands
Zoning:	Rural Resource



Image 1: Site location (Source The LIST)

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3. SITE DESCRIPTION:

The site is located off Dawson Road, approximately 8 km Northwest of intersection of Ellendale Road and Dawson Road, Ouse. The site is located at an elevation range of approximately 120-280 metres. The grades on-site vary from upslope to 20° down.

The vegetation within the site varied from relatively cleared areas vegetated by grasses, bracken ferns, and scattered eucalypts, areas vegetated by eucalypts with an understory of smaller trees and shrubs, and areas of forestry plantations.

The neighbouring allotments to the North include a mix of plantation, areas of native vegetation, grassed areas, and Dawson Road.

Adjacent to the Eastern and Southern boundaries is Broad River beyond which are allotments that appeared to be utilised for forestry purpose. These allotments are vegetated by a mix of native vegetation and forestry plantations.

The allotments to the West appeared to be utilised for forestry purposes and are vegetated by areas of native vegetation and areas of forestry plantation and Repulse River.

Reticulated water supply is unavailable to the site with domestic water supply requirements reliant on on-site storage.





Image 2: Aerial image of site and surrounds (Source: The LIST)

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Image 3: Typical example of cleared area



Image 4: Typical example of regenerating vegetation

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Image 5: Typical example of shrubland



Image 6: Typical example of forest

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Planning Controls:

Planning controls are administered by the Central Highlands Council under the *Central Highlands Interim Planning Scheme 2015.* The site is subject to the Bushfire-Prone Areas, Waterways and Coastal Protection Area, Landslide Hazard Area and Electricity Transmission Infrastructure Protection overlays and is zoned Rural Resource.



Image 7: Council zoning and overlays

Whole site:	Rural Resource
Blue hatching:	Waterways and Coastal Protection
Orange hatching:	Landslide Hazard Area
Whole of site:	Bushfire Prone Area

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Fire History:

From the Fire History overlay detailed within *The LIST* map imagery, three bushfire events are mapped within a 2 km range of the site. These include two bushfires that impacted the site directly. One in 2010, affected ± 6285 ha, and was caused by arson. The second occurred in 2013, affected ± 10238 ha which was accidental in origin. The third bushfire occurred in 1988, to the south of the site, and was accidental in origin.



Image 8: Bushfire History (Source: The LIST)

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4. PROPOSED DEVELOPMENT:

The proposal is to subdivide the properties at 871 and 991 Dawson Road, Ouse, C.T. 177250/2, C.T. 179590/1 and C.T. 166928/3 into 6 allotments varying in size from 2.9 ha to 105 ha.



Image 9: Subdivision layout

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5. BUSHFIRE ATTACK LEVEL:

Fire Danger Index (FDI): The Fire Index Rating for Tasmania is adopted as 50.

Vegetation Assessment:

Following assessment of the characteristics of the site, the vegetation types, separation distances from development site and slope under the vegetation have been identified as shown in Table 1 below:

Lot N°	Direction:	Vege type:	Distance (m):	Slope:
	North:	Forest	0-100	Level
1	East:	Forest	0-100	<5° down
I	South:	Forest	0-100	Level
	West:	Forest	0-100	Upslope
	Northeast:	Forest	0-100	Level
2	Southeast:	Forest	0-100	11° down
2	Southwest:	Forest	0-100	Level
	Northwest:	Forest	0-100	Upslope
	Northeast:	Forest	0-100	5° down
3	Southeast:	Forest	0-100	Upslope
5	Southwest:	Forest	0-100	20° down
	Northwest:	Forest	0-100	15° down
	Northeast	Forest	0-100	Upslope
4	Southeast	Forest	0-100	Upslope
4	Southwest	Forest	0-100	<5° down
	Northwest	Forest	0-100	Level
	Northeast	Forest	0-100	<5° down
5	Southeast	Forest	0-100	<5° down
5	Southwest	Forest	0-100	Upslope
	Northwest	Forest	0-100	<5° down
	Northeast	Forest	0-100	<5° down
6	Southeast	Forest	0-100	Upslope
0	Southwest	Forest	0-100	Upslope
	Northwest	Forest	0-100	6° down

Table 1: Site Assessment

NOTE: The vegetation identified above has been assessed in consideration of *Table 2.3* and *Figures 2.4 (A)-(H), AS 3959:2018* as follows.

The site was vegetated predominately by forestry plantation which been harvested at some point in the past. The vegetation within this area was regenerating with sparce eucalypts, native shrubs and bracken ferns and has been assessed as being consistent with a vegetation classification of D: Scrub. It has been deemed appropriate to assume that once the subdivision has occurred the forestry practices will cease and the likelihood of any vegetation management outside of the HMA will also cease. These areas of vegetation have therefore been assessed as having a potential to regenerate into a vegetation classification of **A:** Forest. The vegetation within the remainder of the property consisted of eucalypts with a dense understory with an assessed foliage coverage of >30%. As a result, these areas of vegetation have been classified as **A:** Forest in accordance with *Figure 2.4(B)* as *Open Forest A-03*.

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Vegetation Classification:

In consideration of vegetation classifications under *Table 2.3* and *Figures 2.4* (A)-(H), AS 3959:2018 and as detailed above, the predominant vegetation, separation distances from development site and slope under the classified vegetation is assessed as shown in Table 2 below:

Direction:	Vegetation Type:	Distance (m):	Slope:	Exclusions:
LOT 1				
North:	A: Forest	0-100	Level	No
East:	A: Forest	0-100	<5° down	No
South:	A: Forest	0-100	Level	Νο
West:	A: Forest	0-100	Upslope	No
LOT 2	-			
Northeast:	A: Forest	0-100	Level	No
Southeast:	A: Forest	0-100	11° down	No
Southwest:	A: Forest	0-100	Level	No
Northwest:	A: Forest	0-100	Upslope	No
LOT 3	-			
Northeast:	A: Forest	0-100	5° down	Νο
Southeast:	A: Forest	0-100	Upslope	Νο
Southwest:	A: Forest	0-100	20° down	Νο
Northwest:	A: Forest	0-100	15° down	Νο
LOT 4	-			
Northeast:	A: Forest	0-100	Upslope	No
Southeast:	A: Forest	0-100	Upslope	No
Southwest:	A: Forest	0-100	<5° down	No
Northwest:	A: Forest	0-100	Level	No
LOT 5				
Northeast:	A: Forest	0-100	<5° down	No
Southeast:	A: Forest	0-100	<5° down	No
Southwest:	A: Forest	0-100	Upslope	No
Northwest:	A: Forest	0-100	<5° down	No

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LOT 6				
Northeast:	A: Forest	0-100	<5° down	No
Southeast:	A: Forest	0-100	Upslope	No
Southwest:	A: Forest	0-100	Upslope	No
Northwest:	A: Forest	0-100	6° down	No



Image 10: Aerial image of predominate vegetation (Source The LIST)

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Image 11: Predominate vegetation surrounding Lot 1 – A: Forest (regenerating)



Image 12: Predominate vegetation surrounding Lot 2 – A: Forest

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Image 13: Predominate vegetation surrounding Lot 3 – A: Forest (regenerating)



Image 14: Predominate vegetation surrounding Lot 4 – A: Forest (regenerating)

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Image 15: Predominate vegetation surrounding Lot 5 – A: Forest (regenerating)



Image 16: Predominate vegetation surrounding Lot 6 – A: Forest (regenerating)

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Bushfire Attack Level (BAL):

Based on the predominant vegetation detailed above, and the separation distances available between the predominant vegetation and the development, the BAL applicable for a compliant building area within each lot has been determined from *Table 2.6, AS 3959:2018* as follows:

LOT No.	BAL	Direction	Distance to veg	Slope	Vegetation Classification	HMA per Table 2.6
		North	0 m	Level	A: Forest	23-<32 m
1	19	East	0 m	<5° down	A: Forest	27-<38 m
1	19	South	0 m	Level	A: Forest	23-<32 m
		West	0 m	Upslope	A: Forest	23-<32 m
		Northeast	0 m	Level	A: Forest	23-<32 m
2	10	Southeast	0 m	11° down	A: Forest	41-<56 m
2	19	Southwest	0 m	Level	A: Forest	23-<32 m
		Northwest	0 m	Upslope	A: Forest	23-<32 m
		Northeast	0 m	5° down	A: Forest	34-<46 m
2	19	Southeast	0 m	Upslope	A: Forest	23-<32 m
3		Southwest	0 m	20° down	A: Forest	51-<67 m
		Northwest	0 m	15° down	A: Forest	51-<67 m
	19	Northeast	0 m	Upslope	A: Forest	23-<32 m
		Southeast	0 m	Upslope	A: Forest	23-<32 m
4		Southwest	0 m	<5° down	A: Forest	27-<38 m
		Northwest	0 m	Level	A: Forest	23-<32 m
		Northeast	0 m	<5° down	A: Forest	27-<38 m
	19	Southeast	0 m	<5° down	A: Forest	27-<38 m
5		Southwest	0 m	Upslope	A: Forest	23-<32 m
		Northwest	0 m	<5° down	A: Forest	27-<38 m
		Northeast	0 m	<5° down	A: Forest	27-<38 m
		Southeast	0 m	Upslope	A: Forest	23-<32 m
6	19	Southwest	0 m	Upslope	A: Forest	23-<32 m
		Northwest	0 m	6° down	A: Forest	34-<46 m

Table 2: Assessed Bushfire Attack Level for each lot

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6. COMPLIANCE:

The site has been assessed as being within 100 metres of bushfire prone vegetation and compliance is assessed against the provisions of *E1.6*, *Bushfire-Prone Areas Code* in the following manner:

E1.6.1 Provision of Hazard Management Areas:

This provision seeks to:

- (a) facilitate an integrated approach between subdivision and subsequent building on a *lot;*
- (b) provide for sufficient separation of building areas from bushfire-prone vegetation to reduce the radiant heat levels, direct flame attack and ember attack at the building area; and
- (c) provide protection for lots at any stage of a staged subdivision.

A1	Acceptable Solutions
(a)	TFS or an accredited person certifies that there is an insufficient increase in
	risk from bushfire to warrant the provision of hazard management areas as part
	of a subdivision; or
(b)	The proposed plan of subdivision;
	 Shows all lots that are within of partly within a bushfire-prone area, including those developed at each stage of a staged subdivision;
	(ii) Shows the building area for each lot;
	(iii) Shows hazard management areas between bushfire-prone vegetation and each building area that have dimensions equal to or greater than, the
	separation distances required for BAL-19 in Table 2.6 of Australian Standard AS 3959:2018 Construction of buildings in bushfire-prone areas; and
	(iv) Is accompanied by a bushfire hazard management plan that addresses all the individual lots and that is certified by the TFS or accredited person, showing hazard management areas equal to , or greater than , the separation distances required for BAL-19 in Table 2.6 of Australian Standard AS 3959:2018 Construction of buildings in bushfire-prone areas; and
(α)	
(C)	If hazard management areas are to be located on land external to the proposed subdivision the application is accompanied by the written consent of the owner of the land to enter into an agreement under section 71 of the Act that will be
	registered on the title of the neighbouring property providing for the affected land to be managed in accordance with the bushfire hazard management plan.



The proposed subdivision has been assessed as being compliant with the Acceptable Solutions (b) as follows.

- (i) The plan of subdivision shows all lots within or partly within a bushfire-prone area.
- (ii) The plan of subdivision shows compliant building areas for all proposed allotments
- (iii) Each lot is capable of complying with the hazard management requirements of at least those required for BAL-19.
- (iv) The attached hazard management plan shows hazard management areas for each lot that are equal to or greater than the distances required for BAL-19.

Lots assessed as **BAL-19** are: LOTS: 1 - 6

Provided the management practices as described below are implemented, they will achieve the required Hazard Management Areas, and the continuations of these practices are sufficient to comply with this assessment.

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Maintenance Requ	irements of the Ha	zard Management A	Area	
Direction	N/NE	E/SE	S/SW	W/NW
Lot 1	23 metres	27 metres	23 metres	23 metres
Lot 2	23 metres	41 metres	23 metres	23 metres
Lot 3	34 metres	23 metres	51 metres	51 metres
Lot 4	23 metres	23 meters	27 metres	23 metres
Lot 5	27 metres	27 metres	23 metres	27 metres
Lot 6	27 metres	23 metres	23 metres	34 metres
HMA establishment recommendations	 patios, drivew Locating dams on the bushfire Providing head dwelling such shrubs and sm Store flammal are stored awa Replace highly Tasmanian File resisting garde Provided sepa greater than 2 groups of sign screen a dwel Trim lower bra ground level. Avoid trees ow Strips of veget of the site or of as an ember t Removal of gr 	ay, lawns etc. s, orchards, vegeta e prone side of the t shields and embe as non-flammable hall tress, ble materials such a ay from the dwelling y flammable vegeta e Service web site en plants. aration between sig 0 metres in width, hificant trees. Note ling from windborne anches of retained yerhang the dwelling trap, wind breaks etc ound fuels such as	ble garden, effluen building. r trap on the bushfi e fencing, hedges as wood piles, fuels d. tion with low flamm (www.fire.tas.gov.a unificant trees such and more than 20 that the retention e embers. trees to a minimum g so that vegetation netres in width and fire-prone vegetation c. leaves, bark, fallen	not within 20 metres on may be beneficial
Ongoing Management practices	 Remove dead regularly. Trim any regro	C C	on including branch stained trees within	nes, bark and leaves HMA that overhang

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E1.6.2 Subdivision: Public and fire fighting access

This provision seeks to;

- (a) Allow safe access and egress for residents, firefighters and emergency service personnel;
- (b) Provide access to the bushfire-prone vegetation that enables both property to be defended when under bushfire attack and for hazard management works to be undertaken;
- (c) Are designed and constructed to allow for fire appliances to be manoeuvred;
- (d) Provide access to water supplies for fire appliances; and
- (e) Are designed to allow connectivity, and where needed, offering multiple evacuation points.

A1	Acceptable solutions	
(a)	TFS or an accredited person certifies that there is insufficient increase in risk	
	from bushfire to warrant specific measures for public access in the subdivision	
	for the purposes of fire fighting; or	
(b)	A proposed plan of subdivision showing the layout of roads, fire trails and the	
	location of property access to building areas is included in a bushfire hazard	
	management plan that;	
	(i) Demonstrates proposed roads will comply with Table E1, proposed private	
	accesses will comply with Table E2 and proposed fire trails will comply with	
	Table E3; and	
	(ii) Is certified by the TFS of an accredited person.	

The proposed subdivision has been assessed as being compliant with the Acceptable Solutions (b) as follows.

- (i) The attached plan of subdivision shows the layout of roads, fire trails and the location of the property accesses to the building areas in compliance with *Table E1, Table E2* and *Table E3*.
- (ii) This bushfire hazard report and attached bushfire hazard management area plan has been certified by N.M. Creese, an accredited bushfire practitioner BFP-118, scope 1 ,2 ,3a and 3b.

The development requires the construction of a new private access to each lot from Dawson Road to provide safe access and egress for residents, fire fighters and emergency service personnel. In accordance with E1.6.2 A1(b) the Code. The private accesses are to comply with the requirements of Table E2 from the edge of Dawson Road to the boundary of each Lot.

A turning area is to be provided at the building site on each Lot at the time of development of a habitable building on that lot in accordance with *Table E2*. For the purpose of this subdivision, the compliant access is only required to extend to the boundary of the lots.

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It is not considered necessary to provide alternative means of egress from the lots due to the restricted nature of the sites.

Tabl	Table E2 Standards for property access				
	nents	Requirement			
A	Property access length is less than 30m; or access in not required for a fire appliance to access a firefighting 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%) enrty and exit angles; (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 (j) Terminate with a turning area for fire appliances provided by one of the following; (i) A tuning circle with a minimum outer radius of 10m; or (ii) A property access encircling the building; or (iii) A hammerhead 'T' or 'Y' turning head 4m wide and 8m long. 			
С	Property access length is 200m or greater.				
D	Property access length is greater than 30m, and access is provided to 3 or more properties.	 The following design and constructions requirements apply to property access: (a) Complies with requirement b above; and (b) Passing bays of 2m additional carriageway width and 20m length must be provided every 100m. 			

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E1.6.3 Subdivision: Provision of water supply for fire fighting purposes

This provision seeks to :

Adequate, accessible and reliable water supply for the purposes of fire fighting can be demonstrated at the subdivision stage and allow for the protection of life property associated with the subsequent use and development of bushfire-prone areas.

ln a	areas that are not serviced by reticulated water by the water corporation
A2	Acceptable solutions
(a)	The TFS or an accredited person certifies that there is insufficient increase in risk from bushfire to warrant provision of a water supply for fire fighting purpose;
(b)	The TFS or an accredited person certifies that a proposed plan of subdivision demonstrates that a static water supply, dedicated to fire fighting, will be provided and located compliant with Table E5; or
(c)	A bushfire hazard management plan certified by the TFS or an accredited person demonstrates that the provision of water supply for fire fighting purposes is sufficient to manage the risk to property and lives in the event of a bushfire.

Where a reticulated supply of water is not available to the site, in accordance with Acceptable Solution A2(b), all lots are assessed as being within a bushfire prone area and must be provided with a firefighting supply of water from a static supply in compliance with the provisions of *Table E5, E1.6.2* as follows:

Each lot is to be provided with a static water supply of minimum capacity of 10,000 litres at the time of development of a habitable building.

Та	Table E5 Static water supply for fire fighting			
Ele	ement	Requirement		
A	Distance between buildings area to be protected and water supply	 The following requirements apply: (a) The building area to be protected must be located within 90m of the fire fighting water point of a static water supply; and (b) The distance must be measured as a hose lay, between the fire fighting 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 for fire fighting water must be available at all times; (c) Must be a minimum of 10,000L per building area to be protected. This volume of water must not be used for any other purpose including fire fighting sprinklers or spray systems; 		

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AND AND ENGINEERING SURVEYORS	
(d) Must be metal, concrete or lagged by non-commaterials is above ground; and (e) If a tank can be located so it is shielded in all compliance with section 3.5 of Australian Sta AS 3959:2018 Construction of buildings in bus prone areas, the tank may be constructed of a material provided that the lowest 400mm of the exterior is protected by: (i) Metal; (ii) Non-combustible material; or (ii) Non-combustible material; or (iii) Fibre-cement a minimum of 6mm thick C Fittings, pipework and accessories (including stands and tank supports) Fittings and pipework associated with a fire fighting v for a static water supply must: (a) Have a minimum nominal internal diameter of (b) Be fitted with a valve with a minimum nominal diameter of 50mm; (c) Be metal of lagged by non-combustible materia above ground; (d) If buried, have a minimum depth of 300mm; (e) Provide a DIN or NEN standard forged Storz 6 coupling fitted with a suction washer for connefighting equipment; (f) Ensure the coupling is accessible and availabl connection at al times; (g) Ensure the coupling is fitted with a blank cap a securing chain (minimum 220mm length); (h) Ensure the coupling is fitted with a blank cap a securing chain (minimum 220mm length); (h) Ensure the coupling is fitted, ensure the offta position that is: (i) Visible; (ii) Accessible to allow connection by fire fequipment; (iii) Accessible to allow connection by fire fequipment; <	directions andard shfire- ny e tank <u>ness.</u> vater point 50mm; internal als if 55mm ection to fir le for and ning at coupling ake is in a iighting ove ground
DSignage for static water connections.The fire fighting water point for a static water suppl identified by a sign permanently fixed ro the exter assembly in a visible location. The sign must: (a) Comply with water tank signage requirements	rior of the
(a) Comply with water tank signage requirements Australian Standard AS 2304-2001 Water stor for fire protection systems; or (b) Comply with the Tasmanian Fire Service Wate Guideline published by the Tasmanian Fire Service	er Supply

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 (a) No more than 3m from the fire fighting water point, measured as a hose lay (including the minimum water level in dams, swimming pools and the like); (b) No closer than 6m from the building area to be protected; (c) A minimum width of 3m 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.

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7. CONCLUSIONS & RECOMMENDATIONS:

This Bushfire Hazard Report and Bushfire Hazard Management Plan have been prepared to support application for planning approval for a subdivision at 871 and 991 Dawson Road, Ouse. The report has reviewed the bushfire risks associated with the site and determined the fire management strategies that must be carried out to ensure the development on the site is at reduced risk from bushfire attack.

Provided the elements detailed in this report are implemented, the development on the site is capable of compliance with *AS 3959:2018* and *E1.6 Bushfire-Prone Areas Code* and any potential bushfire risk to the site is reduced.

The proposed lots have been assessed as compliant with bushfire attack levels (BAL) detailed in Table 2. The Council approval issued for the development should contain conditions requiring that the protective elements defined in this report and *E1.6*, *Bushfire-Prone Areas Code* be implemented during the construction phase. Any new building required to comply with this assessment must be constructed to the bushfire attack level described in Table 2, within the prescribed building areas noted on the Bushfire Hazard Management Plan. Should the extent or classification of the bushfire prone vegetation surrounding the site alters from that assessed by this report, building on the lots affected by this variation may be constructed to a lower level subject to the preparation of a revised assessment.

Lot No.	BAL
1 – 6	19

Table 3: Compliant BAL for each lot

Any new building constructed on any of the allotments must have a hazard management area equal to BAL-19 in compliance with *E1.6.1*, the *Code*. Any variation of this must result in the new building being assessed against *AS 3959:2018* and *Director's Determination – Requirements of Building in Bushfire-Prone Areas (transitional)* to determine that appropriate BAL.

Private access, where necessary is to be constructed in accordance with *Table E2*, *E1.6.2*, *Bushfire-Prone Areas Code*.

A static water supply is to be installed at the time of development of a new dwelling on either lot in compliance with *Table E5, E1.6.3, Bushfire-Prone Areas Code*.

Although not mandatory, any increase in the construction standards above the assessed Bushfire Attack Level will afford improved protection from bushfire and this should be considered by the owner, designer and/or builder prior to construction commencing.

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Hazard Management Areas must be established and maintained in a minimal fuel condition in accordance with this plan and the TFS guidelines. It is the owner's responsibility to ensure the long-term maintenance of the hazard management areas in accordance with the requirements of this report.

This report does not recommend or endorse the removal of any vegetation within or adjoining the site for the purpose of bushfire protection without the explicit approval of the local authority.

N M Creese Bushfire Management Practitioner BFP-118 Scope 1, 2, 3a and 3b

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8. REFERENCES:

- AS 3959:2018 Construction of Buildings in Bushfire Prone Areas.
- Central Highlands Interim Planning Scheme 2015.
- Guidelines for Development in Bushfire Prone Areas Tasmania Fire Service.
- The LIST Department of Primary Industry Parks Water & Environment.

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9. GLOSSARY

AS 3959:2018	Australian Standards AS 3959:2018 Construction of buildings in bushfire-prone areas.
BAL (Bushfire Attack Level)	A means of measuring the severity of a building's potential exposure to ember attack, radiant heat and direct flame contact, using increments of radiant heat expressed in kilowatts per metre squared, and the basis for establishing the requirements for construction to improve protection of building elements from attack by bushfire. The following BAL levels, based on heat flux exposure threshold are used within AS3959:2018; BAL-LOW, BAL-12.5, BAL-19, BAL-29, BAL-40, BAL-FZ.
Bushfire	An unplanned fire burning vegetation.
Bushfire Hazard Management Plan	A plan showing means of protection from bushfire in a form approved in writing by the Chief Officer.
Bushfire-Prone Area	An area that is subject to, or likely to be subject to, bushfire attack. Land that has been designated under legislation; or Has been identified under environmental planning instrument, development control plan or in the course of processing and determining a development application.
Carriageway (also vehicular access)	The section of the road formation which is used by traffic, and includes all the area of the traffic lane pavement together with the formed shoulder.
Classified vegetation	Vegetation that has been classified in accordance with Clause 2.2.3 of AS3959:2018.
Distance to	The distance between the building, or building area to the classified vegetation.
FDI (Fire Danger Index)	The chance of a fire starting, its rate of spread, its intensity and the difficulty of its suppression, according to various combinations of air temperature, relative humidity, wind speed and both long- and short-term drought effects.
Fire Fighting Water Point	Means the point where a fire appliance is able to connect to a water supply for fire fighting purposes. This includes a coupling in the case of a fire hydrant, offtake or outlet, or the minimum water level in the case of a static water body (including a dam, lake or pool).
Gradient under	The slope of the ground under the classified vegetation.
Hazard Management Area	The area between a habitable building or building area and bushfire-prone vegetation, which provides access to a fire front for fire fighting, which is maintained in a minimal fuel condition and in which there are no other hazards present which will significantly contribute to the spread of a bushfire.
Hose lay	The distance between two points established by a fire hose laid out on the ground, inclusive of obstructions.
Predominate vegetation	The vegetation that poses the greatest bushfire threat to the development site.
Water supply - Reticulated (Fire hydrant)	An assembly installed on a branch from a water pipeline, which provides a valved outlet to permit a supply of water to be taken from the pipeline for fire fighting.
Water supply - Static	Water stored on a tank, swimming pool, dam, or lake, that is available for fire fighting purposes at all times.

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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:

871 DAWSON ROAD, OUSE

Certificate of Title / PID:

C.T. 177250-2, 179590/1, 166928/3, PID 9067002

2. Proposed Use or Development

Description of proposed Use and Development:

SUBDIVISION OF THREE LOTS INTO 6.

Applicable Planning Scheme:

CENTRAL HIGHLANDS INTERIM PLANNING SCHEME 2015

3. Documents relied upon

This certificate relates to the following documents:

Title	Author	Date	Version
PLAN OF SUBDIVISION	Peter Binny Surveyors	1 st July 2021	Rev02
BUSHFIRE HAZARD REPORT	N M Creese	28 th Sept 2022	22082-02

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

4. Nature of Certificate

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

Γ	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 Uses	
Acceptable Solution Compliance Requirement	
E1.5.1 P1 / C13.5.1 P1	<i>Planning authority discretion required. A proposal cannot be certified as compliant with P1.</i>
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	
E1.5.2 P1 / C13.5.2 P1	<i>Planning authority discretion required. A proposal cannot be certified as compliant with P1.</i>
E1.5.2 A2 / C13.5.2 A2	Emergency management strategy
E1.5.2 A3 / C13.5.2 A3	Bushfire hazard management plan

E1.6.1 / C13.6.1 Subdivision: Provision of hazard management areas		
Acceptable Solution Compliance Requirement		
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	
E1.6.1 A1 (b) / C13.6.1 A1(b)	Provides BAL-19 for all lots (including any lot designated as 'balance')	
E1.6.1 A1(c) / C13.6.1 A1(c)	Consent for Part 5 Agreement	

E1.6.2 / C13.6.2 Subdivision: Public and fire fighting access	
Acceptable Solution Compliance Requirement	
E1.6.2 P1 / C13.6.2 P1	<i>Planning authority discretion required. A proposal cannot be certified as compliant with P1.</i>
E1.6.2 A1 (a) / C13.6.2 A1 (a)	Insufficient increase in risk
E1.6.2 A1 (b) / C13.6.2 A1 (b)	Access complies with relevant Tables

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	
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. Bushfire Hazard Practitioner				
Name:	NICHOLAS MARK CREESE	Phone No:	62296563	
Postal Address:	62 CHANNEL HIGHWAY KINGSTON, TAS, 7050	Email Address:	info@larkandcreese.com.au	
Accreditation No: BFP – 118 Scope: 1, 2, 3a, and 3b				

6. Certification

I certify that in accordance with the authority given under Part 4A of the *Fire Service Act 1979* that the proposed use and development:

Is exempt from the requirement Bushfire-Prone Areas Code because, having regard to the objective of all applicable standards in the Code, there is considered to be an insufficient increase in risk to the use or development from bushfire to warrant any specific bushfire protection measures, or

✓ The Bushfire Hazard Management Plan/s identified in Section 3 of this certificate
 is/are in accordance with the Chief Officer's requirements and compliant with the relevant Acceptable Solutions identified in Section 4 of this Certificate.

Signed: certifier		>	
Name:	N.M. CREESE	Date:	28 th September 2022
		Certificate Number:	BFP-118
		(for Practition	ner Use only)

4 November 2022 The General Manager Central Highlands Council PO Box 20 Hamilton TAS 7140 Our Ref 21014



RJS Surveying Pty Ltd 12 Rada Road Kettering TAS 7155

Phone: 0419 368 180 E: russell@peterbinnysurveys.com.au

Attention: Planning Dept. Council Ref: DA2021/00072

Re: S Danieluk Pty Ltd & Nigel Tomlin; 871 Dawson Road Ouse & 991 Dawson Road Ouse; Subdivision and Boundary Reorganisation.

In response to "Council RFI 2" issued on 3rd November 2022, we can confirm the following:

- CT 177250/2 is a proposed 2 lot subdivision, creating Lots 1 & 2 on Plan of Subdivision
- CT 166928/4 is not a part of this Application
- CT 166928/3 & 179590/1 is a boundary reorganisation and subdivision, creating Lots 3, 4, 5, 6 as Per Plan of Subdivision. The reorganized boundaries on the Plan of Subdivision are annotated by showing an adhesion symbol along existing boundary lines.
- Subdivision is Staged as noted on the Plan of Subdivision

Additional responses to "Council RFI 2" per items (1) and (2) below. If you require any further information, please get in touch.

(1) Central Highlands Interim Planning Scheme 2015

- RE: 26.5.2 P1(c)

The proposed boundary reorganisation encompasses an existing non-agricultural rural resource use (existing power station) within one lot (Lot 6).

- RE: 26.5.2 P1 (f)

New vacant lots provide a better utilisation of rural land through the reorganisation of boundaries with Folio Reference 179590/1. The rear boundary of CT166928/3 has been straightened to reduce fencing costs and reduce boundary length as it is no longer constrained by the Gunns lease of the land at the rear. The new vacant lots created contain a multiple of options for suitable building areas capable of accommodating residential development satisfying clauses 26.4.2 and 26.4.3. The new vacant lots created will not result in a significant increase in demand for public infrastructure or services. Reticulated water supply is unavailable with domestic water supply requirements reliant on on-site storage.

- RE: 26.5.1 P1 (c)

Internal lots are to be created as part of the proposed subdivision and boundary reorganisation. Existing internal lots exist for the pattern of development on nearby land (CT179589/1; CT179589/11) and internal lots also exist on part of the proposed development (CT179590/1).

- RE: 26.5.1 P1 (e)

The land contained in the proposed subdivision and boundary reorganisation provides a variety of options for future rural resource use. The land on the project site includes cleared land areas, former forestry plantation areas and vegetated areas that can support non-agricultural rural resource use.

(2) Existing accesses from Dawson Road

- Lot 6 has an existing access in the location shown on the Plan of Subdivision as "Proposed Right of Way 'A' 10.00 Wide" and is not within the Waterway and Coastal Protection Areas Overlay
- Lot 5 has an existing access in the location shown on the Plan of Subdivision as "Right of Way 'J' 15.00 Wide (SP166928) To Be Removed" and is located within the Waterway and Coastal Protection Areas Overlay.

Yours Sincerely Michael Walsh Peter Binny Surveys