

## DEVELOPMENT APPLICATION PDPLANPMTD-2023/039959

**PROPOSAL:** Additions & Alterations to Outbuilding (Residential)

**LOCATION:** 9A Esplanade, Seven Mile Beach

**RELEVANT PLANNING SCHEME:** Tasmanian Planning Scheme - Clarence

**ADVERTISING EXPIRY DATE:** 13 February 2024

The relevant plans and documents can be inspected at the Council offices, 38 Bligh Street, Rosny Park, during normal office hours until 13 February 2024. In addition to legislative requirements, plans and documents can also be viewed at www.ccc.tas.gov.au during these times.

Any person may make representations about the application to the Chief Executive Officer, by writing to PO Box 96, Rosny Park, 7018 or by electronic mail to <a href="mailto:clarence@ccc.tas.gov.au">clarence@ccc.tas.gov.au</a>. Representations must be received by Council on or before 13 February 2024.

To enable Council to contact you if necessary, would you please also include a day time contact number in any correspondence you may forward.

Any personal information submitted is covered by Council's privacy policy, available at <a href="https://www.ccc.tas.gov.au">www.ccc.tas.gov.au</a> or at the Council offices.

### Clarence City Council



### APPLICATION FOR DEVELOPMENT / USE OR SUBDIVISION

The personal information on this form is required by Council for the development of land under the Land Use Planning and Approvals Act 1993. We will only use your personal information for this and other related purposes. If this information is not provided, we may not be able to deal with this matter. You may access and/or amend your personal information at any time. How we use this information is explained in our **Privacy Policy**, which is available at <a href="https://www.ccc.tas.gov.au">www.ccc.tas.gov.au</a> or at Council offices.

Proposal:	Extend existing garage
Location:	Address 9A Esplanade, Seven Mile Beach, TAS 7170  Suburb/Town Postcode
Current Owners/s: Applicant:	Personal Information Removed
Tax Invoice for application fees to be in the name of: (if different from applicant)	
	Estimated cost of development \$15000
	Is the property on the Tasmanian Heritage Register?  Yes  No  X
	(if yes, we recommend you discuss your proposal with Heritage Tasmania prior to lodgement as exemptions may apply which may save you time on your proposal)

38 Bligh Street, Rosny Park, Tasmania • Address correspondence to: General Manager, PO Box 96, Rosny Park 7018 • Dx: 70402 Telephone (03) 6217 9550 • Email cityplanning@ccc.tas.gov.au • Website www.ccc.tas.gov.au

	f you had pre-applica Officer, please give tl	ation discussions with heir name	a Council		
(	Current Use of Site:	Residential			
	Does the proposal in by the Crown or Coul	volve land administeroncil?	ed or owned	Yes	No X
Declaration:	satisfied that covenants.  I authorise the any person for the be obtained, land to assess.  I declare the Approvals Accapplication. Verown, their Section 43A, is	the Certificate of Title this application is not a copy for the purposes of a copy for the purposes of the permission of the carthis application at, in accordance with the first that I have now there the subject prosigned consent is attact the owner's consent is the information in the	ot prevented by an of any documents assessment or public opyright owner of an ission for Council the Section 52 of a potified the owner operty is owned or a ched. Where the as attached.	ny restrictions, educating to this applic consultation.  any part of this applications of the Land Use Pland the intention to controlled by Compplication is substitution is substitution is substitution is substitution is substitution is substitution is substitution.	oplication to I agree to oplication to to enter the lanning and to make this ouncil or the
Acknowledgement:	become a pu both electron for display obligations.	e that the documenta blic record held by ( ic and hard copy forn purposes during pu I further acknowledge store documentation	Council and may be nat in order to facional consultation; to that following deta	be reproduced by litate the assessm and to fulfil i ermination of my	Council in ent process; ts statutory application,
Applicant's Signature:	Signature	ele	Date_	5/11/2023	

PLEASE REFER TO THE DEVELOPMENT/USE AND SUBDIVISION CHECKLIST ON THE FOLLOWING PAGES TO DETERMINE WHAT DOCUMENTATION MUST BE SUBMITTED WITH YOUR APPLICATION.

## Clarence City Council



### **DEVELOPMENT/USE OR SUBDIVISION CHECKLIST**

### Documentation required:

1.	MANDATORY DOCUMENTATION
	This information is required for the application to be valid. An application lodged without these items is unable to proceed.
	Details of the location of the proposed use or development.
	A copy of the current Certificate of Title, Sealed Plan, Plan or Diagram and Schedule of Easements and other restrictions for each parcel of land on which the use or development is proposed.
	Full description of the proposed use or development.
	Description of the proposed operation.  May include where appropriate: staff/student/customer numbers; operating hours; truck movements; and loading/unloading requirements; waste generation and disposal; equipment used; pollution, including noise, fumes, smoke or vibration and mitigation/management measures.
	Declaration the owner has been notified if the applicant is not the owner.
	Crown or Council consent (if publically-owned land).
	Any reports, plans or other information required by the relevant zone or code.
	Fees prescribed by the Council.
	Application fees (please phone 03 6217 9550 to determine what fees apply). An invoice will be emailed
	upon lodgement.
2.	ADDITIONAL DOCUMENTATION
	In addition to the mandatory information required above, Council may, to enable it to consider an application, request further information it considers necessary to ensure that the proposed use or development will comply with any relevant standards and purpose statements in the zone, codes or specific area plan, applicable to the use or development.
	Site analysis plan and site plan, including where relevant:
	<ul><li>Existing and proposed use(s) on site.</li></ul>
	Boundaries and dimensions of the site.
	Topography, including contours showing AHD levels and major site features.
	<ul> <li>Natural drainage lines, watercourses and wetlands on or adjacent to the site.</li> <li>Soil type.</li> </ul>
	<ul> <li>Vegetation types and distribution, and trees and vegetation to be removed.</li> </ul>
	<ul> <li>Location and capacity of any existing services or easements on/to the site.</li> </ul>

Main utility service connection points and easements.Proposed subdivision lot boundaries.

Existing pedestrian and vehicle access to the site. Location of existing and proposed buildings on the site.

Location of existing adjoining properties, adjacent buildings and their uses. Any natural hazards that may affect use or development on the site.

Proposed roads, driveways, car parking areas and footpaths within the site. Any proposed open space, communal space, or facilities on the site.

## Clarence City Council DEVELOPMENT/USE OR SUBDIVISION CHECKLIST



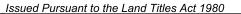
- Where it is proposed to erect buildings, **detailed plans** with dimensions at a scale of 1:100 or 1:200 showing:
  - Internal layout of each building on the site.
  - Private open space for each dwelling.
  - External storage spaces.
  - Car parking space location and layout.
  - Major elevations of every building to be erected.
  - Shadow diagrams of the proposed buildings and adjacent structures demonstrating the extent of shading of adjacent private open spaces and external windows of buildings on adjacent sites.
  - Relationship of the elevations to natural ground level, showing any proposed cut or fill.
  - Materials and colours to be used on rooves and external walls.
- Where it is proposed to erect buildings, a plan of the proposed **landscaping** showing:
  - Planting concepts.
  - Paving materials and drainage treatments and lighting for vehicle areas and footpaths.
  - Plantings proposed for screening from adjacent sites or public places.
- Any additional reports, plans or other information required by the relevant zone or code.

This list is not comprehensive for all possible situations. If you require further information about what may be required as part of your application documentation, please contact Council's Planning Officers on (03) 6217 9550 who will be pleased to assist.



### **RESULT OF SEARCH**

RECORDER OF TITLES





#### SEARCH OF TORRENS TITLE

VOLUME 153009	FOLIO 2
EDITION	DATE OF ISSUE
3	12-Apr-2016

SEARCH DATE : 21-Nov-2023 SEARCH TIME : 07.08 AM

### DESCRIPTION OF LAND

City of CLARENCE

Lot 2 on Sealed Plan 153009

Derivation: Part of 1200 Acres Located to A. Williams

Prior CT 21847/1

### SCHEDULE 1

M241557 TRANSFER to JOHN MILTON SCHUTS and JENNIFER MAREE PARNELL Registered 31-Aug-2009 at 12.01 PM

### SCHEDULE 2

Reservations and conditions in the Crown Grant if any SP153009 FENCING PROVISION in Schedule of Easements E42116 MORTGAGE to Commonwealth Bank of Australia Registered 12-Apr-2016 at 12.01 PM

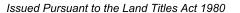
### UNREGISTERED DEALINGS AND NOTATIONS

No unregistered dealings or other notations



### **COUNCIL CERTIFICATE**

RECORDER OF TITLES





(linser) any qualification to the permit under section 83(5), section 109 or section III of the Local Government ( Building & Miscellaneous Provisions ) Act 1993 } The subdivision shown in this plan is approved

Registered Number SP153009

In witness whereof the common seal of Clarence City Council

has been affixed, pursuant to a resolution of the Council of the said municipality

passed the 25

2007, in the presence of us

Corporate Secretary Clarence City Council

38 Bligh Street Rosny Park 7018 Council Reference SD-2007/33

#### NOMINATIONS

For the purpose of section 88 of the Local Government ( Building & Miscellaneous Provisions ) Act 1993

DOBSON MITCHEL - ALLTORISTICITOR to act for the owner C.L. ANDREWS+ ASSOC. Surveyor to act for the owner

OFFICE EXAMINATION:

Search Date: 21 Nov 2023

Search Time: 07:09 AM

Volume Number: 153009

Revision Number: 02

Page 1 of 1



### **FOLIO PLAN**

RECORDER OF TITLES



Issued Pursuant to the Land Titles Act 1980

OWNER PHILLIP JOHN BELL RUTH ELIZABETH TENNANT FROST FOLIO REFERENCE C.T. 21847/1

LOCATION GRANTEE
PART OF 1200 AC LOCATED TO
A. WILLIAMS

PLAN OF SURVEY

BY SURVEYOR CHRISTOPHER LEWIS ANDREWS 57 MT. RUMNEY ROAD, MT RUMNEY

CITY OF CLARENCE

LENGTHS IN METRES SCALE 1: ,500

REGISTERED NUMBER

**S**P153009

APPROVED EFFECTIVE FROM

2'1 JAN 2008

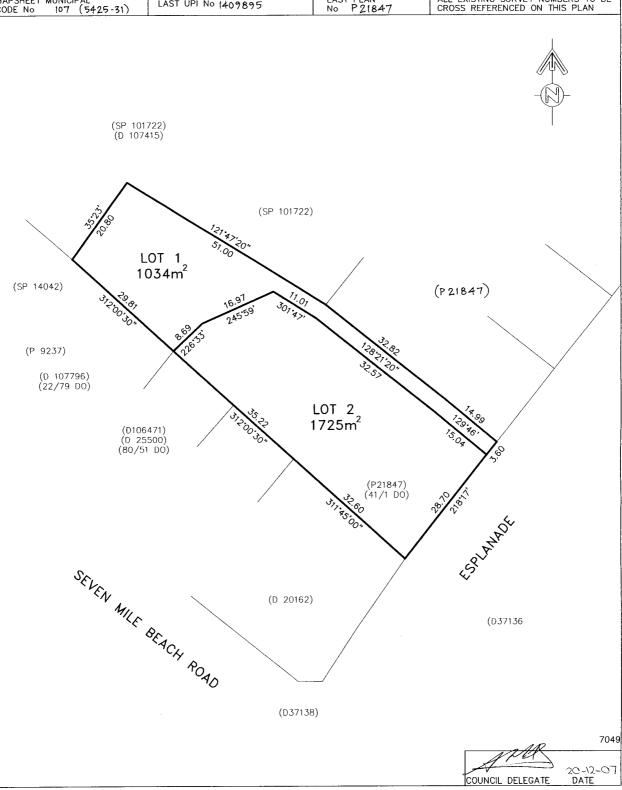
Alice Kawa Recorder of Titles

MAPSHEET MUNICIPAL CODE No 107 (5425-31)

LAST UPI No 1409895

LAST PLAN No P21847

ALL EXISTING SURVEY NUMBERS TO BE CROSS REFERENCED ON THIS PLAN



Search Date: 22 Jan 2024

Search Time: 09:50 AM

Volume Number: 153009

Revision Number: 02

Page 1 of 1



### SCHEDULE OF EASEMENTS

RECORDER OF TITLES

Issued Pursuant to the Land Titles Act 1980



ORIGINAL

SCHEDULE OF EASEMENTS

NOTE:

•

THE SCHEDULE MUST BE SIGNED BY THE OWNERS & MORTGAGEES OF THE LAND AFFECTED.

SIGNATURES MUST BE ATTESTED.

Registered Number

SP 1530

PAGE 1 OF 2 PAGE/S

### **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 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 and profits a prendre

No easements or profits a prendre are created to benefit or burden the lots shown on the Plan.

### **Fencing Provision**

In respect to the lots on the Plan the Vendor, Phillip John Bell and Ruth Elizabeth Tennant Frost shall not be required to fence.

Signed by Phillip John Bell

in the presence of:

witness signature: ...

witness name: Y ADRIENNE LIODELL

witness address: \* 366 CRABTASE ROAD, CRABTASE 7109

witness occupation: \* ADMIN CUAX

Signed by Ruth Elizabeth

Tennant Frost in the

presence of:

witness signature: ......f

witness name: & PETCR H

witness address: 7 7 ℃ BUC Se

witness occupation: PS ESPLANDE

SCACH

TAS 7/70

(USE ANNEXURE PAGES FOR CONTINUATION)

SUBDIVIDER: Bell, Phillip John & Frost, Ruth Elizabeth Tennant

FOLIO REF: 21847/1

SOLICITOR

& REFERENCE: Dobson Mitchell & Allport (Mr Craig

Bowman)

PLAN SEALED BY: Clarence City Council

DATE: 20-12-07

2D-3001*|33* 

REF NO.

Council Delegate

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

Search Date: 22 Jan 2024

Search Time: 09:50 AM

Volume Number: 153009

Revision Number: 02

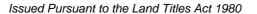
Page 1 of 2



41

### **SCHEDULE OF EASEMENTS**

RECORDER OF TITLES





ANNEXURE TO SCHEDULE OF EASEMENTS

PAGE 2 OF 2 PAGES

Registered Number

SP 153009

SUBDIVIDER: Bell, Phillip John & Frost, Ruth Elizabeth Tennant FOLIO REFERENCE: 21847/1

Executed by Commonwealth Bank of Australia as mortgagee pursuant to registered Mortgage No. C685334:

SIGNED SEALED and DELIVERED for and on behalf of COMMONWEALTH BANK OF AUSTRALIA by its Attorney of Attorney No. 72/6177 who certifies that he/she is convey and in the presence of:

Bank Officer, Melboume

1-ISA WEBB

385 Bourbe St. Melbourne

**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 Date: 22 Jan 2024

Search Time: 09:50 AM

Volume Number: 153009

Revision Number: 02

Page 2 of 2

### J Schuts & J Parnell Garage Alteration 9A Esplanade Seven Mile Beach

PROJECT NO. 23.033

PROJECT DATE 22/08/2023

TITLE FOLIO NO. 2

**VOLUME NO. 153009** 

Drawing List			
Sheet Number	Sheet Name	Current Revision Date	
A 00	TITLE SHEET		
A 01.a	SITE PLAN	08/01/2024	
A 02.a	NEIGHBOURHOOD PLAN	08/01/2024	
A 03	GROUND FLOOR PLAN		
A 04	ELEVATIONS GARAGE		
A 05	SOLAR STUDY 21ST JUNE 2023		
A 06	SOLAR STUDY 21ST DECEMBER 2023		
A 07	3D VIEWS		

SOIL CLASSIFICATION S

SITE CLASSIFICATION N3 50M/S

BAL CLASSIFICATION LOW

BUILDING CLASSIFICATION 1A

CLIMATE ZONE 7

PLANNING ZONE LOW DENSITY RESIDENTIAL

This work is classed as Cat. 3 'Notifiable Plumbing Work'

and must be undertaken by a licenced plumber.

FLOOR AREAS EXIST. GARAGE 67.7 m/2

ADDITIONAL GARAGE 48.2m/2

EXIST. RESIDENCE 151.2 m/2
EXIST. OUTBUILDING 53.0 m/2
PROPOSED GARAGE 115.9 m/2
TITLE AREA 1725 m/2
AREA COVERED 18.56 %

Drawings issued for Planning Application Revision No. 1

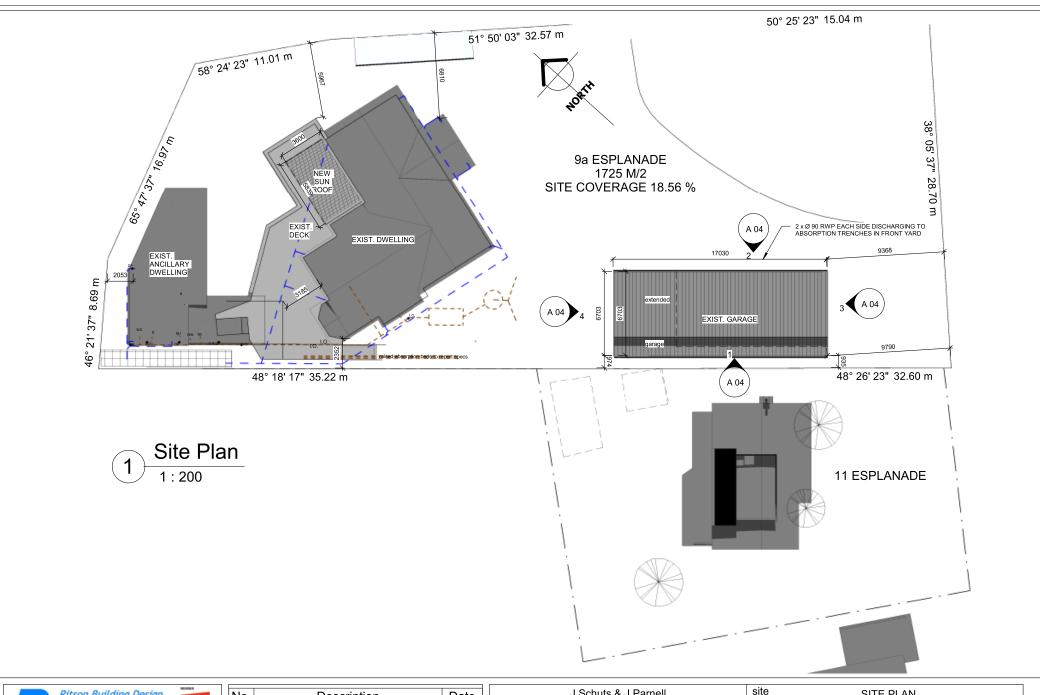
DATE 22-08-2023



Ritson Building Design
49 CURRAGHMORE AVE. BURNIE 7320
PH 03) 64 322172 FAX 03) 64322147

49 CURRAGHMORE AVE. BURNIE 7320 PH 03) 64 322172 FAX 03) 64322147 email ron@ritsonbuildingdesign.com.au TCC No. 530L







Description	Date
site coverage calculated	08/01/2024
	· ·

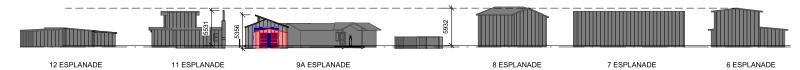
J Schuts & J Parnell Garage Alteration	site SITE coverage	PLAN
9A Esplanade	Date         22/08/2023	A 01.a
Seven Mile Beach	Drawn by R.R. Checked by R.G.	Scale 1:200



Neighbourhood Plan

ESPLANADE

1 · 400



Streetscape

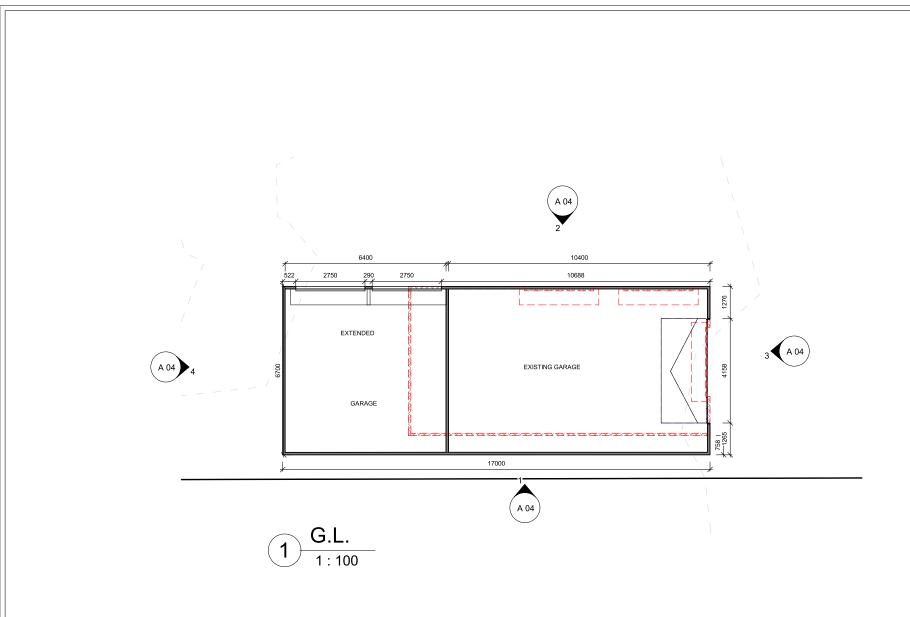
1:400



Description	Date
height discrepancy rectified	08/01/2024
	Description height discrepancy rectified

J Schuts & J Parnell Garage Alteration	height NEIGHBOURHOOD PLAN discrepancy			
9A Esplanade Seven Mile Beach	Peetifieder Date 22/08/	23.033 2023	A 02.a	Jan-24
Seven Mile Beach	Drawn by R.R.	Checked by R.G.	Scale 1 : 400	] 🕏

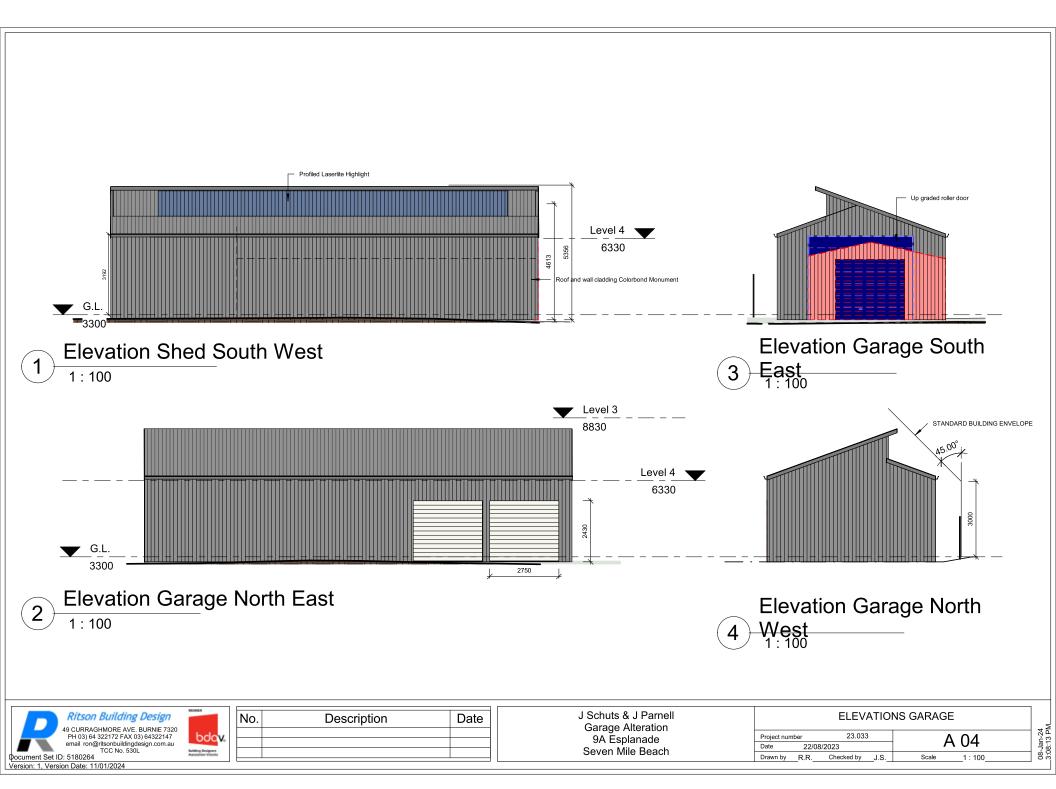
08-Jan-24 3:08:13 PM

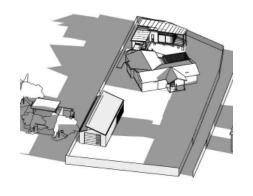


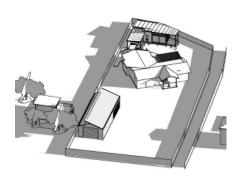


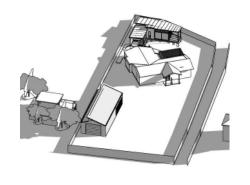
No.	Description	Date

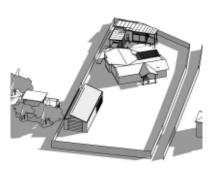
J Schuts & J Parnell Garage Alteration		GROUND FL	OOR PLAN	
9A Esplanade	Project number	23.033	A 03	
Seven Mile Beach	Date 22/08	3/2023	A 03	
Seven Mile Beach	Drawn by R.R.	Checked by MV	Scale1 : 100	



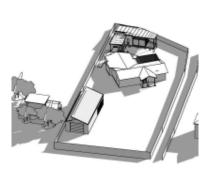


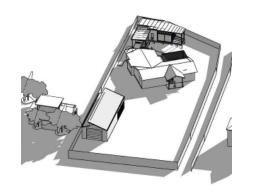


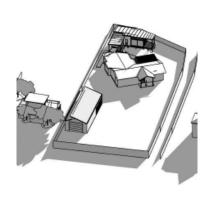


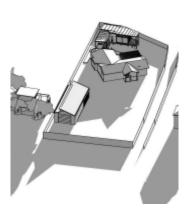


9.47 21ST JUNE 10.47 21ST JUNE 11.47 21ST JUNE 12.47 21ST JUNE









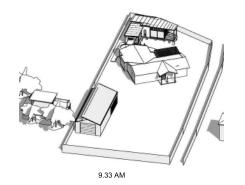
1.47 21ST JUNE 2.47 21ST JUNE 3.47 21ST JUNE 4.47 21ST JUNE

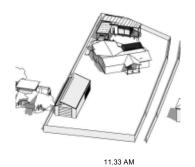
Ritson Building Design 49 CURRAGHMORE AVE. BURNIE 7320 PH 03) 64 322172 FAX 03) 64322147 email ron@ritsonbuildingdesign.com.au TCC No. 530L Document Set ID: 5180264

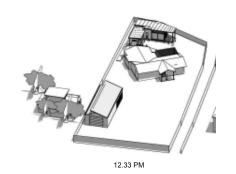


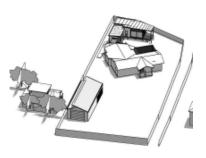
	No.	Description	Date
<b>/</b> .			

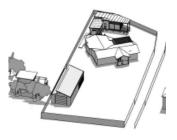
SOLAR STUDY 2			21ST JUNE 2023		
Project num	nber	23.033	3	۸ ۸ ۸	
Date	22/08	3/2023		A 05	
Drawn by	R.R.	Checked by	J.S.	Scale	



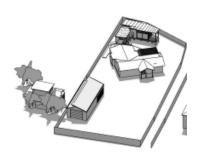


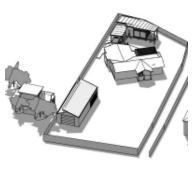


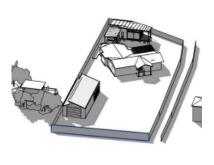




10.33 AM







1.33 PM 2.33 PM 3.33 PM

4.33 PM

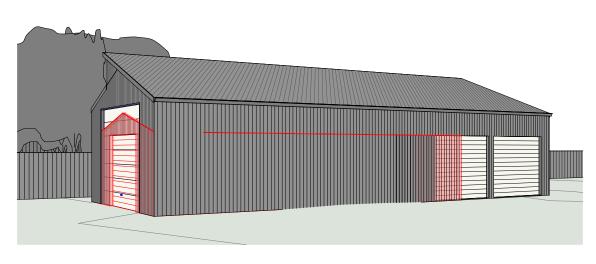
5.33 PM

	Ritson Building Design
K	49 CURRAGHMORE AVE. BURNIE 732 PH 03) 64 322172 FAX 03) 64322147 email ron@ritsonbuildingdesign.com.au TCC No. 530L
Document Set I	D: 5180264

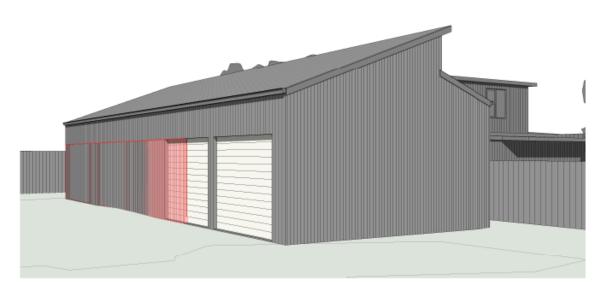


	No.	Description	Date
<i>l</i> .			

SOLAR STUDY 21ST D			ST DECEMBER 2023	
Project num	nber	23.033	3	۸ ۸۵
Date	22/08	3/2023		A 00
Drawn by	R.R.	Checked by	J.S.	Scale



3D View 3



2 3D View 4



Ī	No.	Description	Date
F			
Ė			

J Schuts & J Parnell	
Garage Alteration	
9A Esplanade	
Seven Mile Beach	

			3D V	/IEWS	
Project number 23.033				Λ 07	7
Date 22/08/2023		A 07	-		
Drawn by	_R.R	Checked by	_J.S	Scale	] :

# **Coastal Vulnerabilities**

9a Esplanade Seven Mile Beach TAS 7170

**Project No: 9097** 

Date: 15/12/2023



environmental service & design

ABN: 97 107 517 144 74 Minna Road Heybridge TAS 7316

Ph: (03) 6431 2999

ACN: 107 517 144

PO Box 651 Burnie TAS 7320

www.esandd.com.au

Document Set ID: 5180264 Version: 1, Version Date: 11/01/2024

### **Document Control**

Prepared & Published by: ES&D

Version: V1

File: 9097

Contact: Reuben McCormack

Phone No: (03) 6431 2999

Prepared For: John Schuts

Version:			Date:
V1	R McCormack	ES&D	15/12/2023

This report has been prepared, based on information generated by Environmental Service and Design Pty Ltd from a wide range of sources. If you believe that Environmental Service and Design Pty Ltd has misrepresented or overlooked any relevant information, it is your responsibility to bring this to the attention of Environmental Service and Design Pty Ltd before implementing any of the report's recommendations. In preparing this report, we have relied on information supplied to Environmental Service and Design Pty Ltd, which, where reasonable, Environmental Service and Design Pty Ltd has assumed to be correct. Whilst all reasonable efforts have been made to substantiate such information, no responsibility will be accepted if the information is incorrect or inaccurate.

This report is prepared solely for the use of the client to whom it is addressed and Environmental Service and Design Pty Ltd will not accept any responsibility for third parties. In the event that any advice or other services rendered by Environmental Service and Design Pty Ltd constitute a supply of services to a consumer under the Competition and Consumer Act 2010 (as amended), then Environmental Service and Design Pty Ltd's liability for any breach of any conditions or warranties implied under the Act shall not be excluded but will be limited to the cost of having the advice or services supplied again. Nothing in this Disclaimer affects any rights or remedies to which you may be entitled under the Competition and Consumer Act 2010 (as amended). Each paragraph of this disclaimer shall be deemed to be separate and severable from each other. If any paragraph is found to be illegal, prohibited or unenforceable, then this shall not invalidate any other paragraphs.

Coastal Vulnerabilities - 9a Esplanade Seven Mile Beach TAS 7170

Document Set ID: 5180264 Version: 1, Version Date: 11/01/2024

### **Contents**

C	oasta	al Vulnerabilities	1
D	ocur	nent Control	2
1	. In	ntroduction	4
2	. A	uthor Details	4
3	Si	ite Details	4
	3.1	Site Identification	4
4	Si	ite Description	5
	4.1	Topography	5
	4.2	Surface Water	6
	4.3	Regional Geology	6
5	C	oastal Vulnerabilities	6
	5.1	Coastal Erosion	6
	5.2	Coastal Inundation	7
6	C	onclusions and Recommendations	8
R	efere	ences	10
		List of Figures	
F	igure	1: Site location (blue).	4
F	igure	2: Looking southwest across the site (Google Street View, Aug 2023)	5
F	igure	3: LiDAR contours (AHD)	5
F	igure	4: Coastal erosion hazard bands.	6
F	igure	5: Looking southeast across from the site (Google Street View, Aug 2023)	7
F	igure	6: Coastal inundation hazard bands	7
F	igure	7: Predicted sea level rise.	8
F	igure	8: Projected storm tide	8

### 1 Introduction

Environmental Service and Design (ES&D) were commissioned by their client John Schuts to undertake a coastal vulnerabilities survey on the proposed development at 9a Esplanade Seven Mile Beach TAS 7170 (the site).

The survey consists of a desktop review in relation to coastal vulnerabilities and an analysis of any associated risk to development on the site.

### 2 Author Details

The report was prepared and finalised by R McCormack BSc Hons (Geophysics) who is a qualified geologist with over five years experience in site assessments for residential properties.

### 3 Site Details

### 3.1 Site Identification

The site at 9a Esplanade Seven Mile Beach TAS 7170 is owned by John Schuts. Property ID 28387447, Title Reference 153009/2.



Figure 1: Site location (blue).

### 4 Site Description

The subject site is located within the township of Seven Mile Beach. The beach is located to the east with residential properties surrounding the site to the north, west and south.



Figure 2: Looking southwest across the site (Google Street View, Aug 2023).

### 4.1 Topography

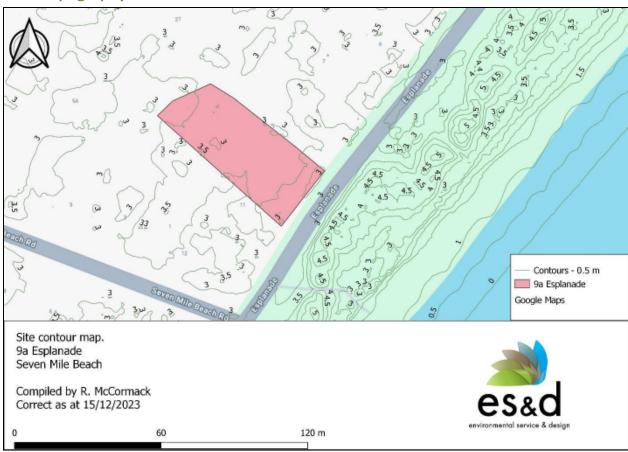


Figure 3: LiDAR contours (AHD)

LiDAR contours (Figure 3) show the site to vary in elevation between 3 m and 3.5 m Australian Height Datum (AHD). Between the site and the ocean is a bank with a height of 4.5 - 5 m AHD.

### 4.2 Surface Water

The nearest surface water body is Frederick Henry Bay which is approximately 55 m to the southeast of the property. The Esplanade road and a vegetated bank lie between the site and the Bay.

### 4.3 Regional Geology

The Mineral Resources Tasmania Digital Geological Atlas, 1:250,000 Series, South East sheet, shows the site to be located on Quaternary aged sediments described as "Sand, gravel and mud of alluvial, lacustrine and littoral origin"

### 5 Coastal Vulnerabilities

### 5.1 Coastal Erosion



Figure 4: Coastal erosion hazard bands.

A 'medium' coastal erosion hazard band covers the front of the site (Figure 4) with a 'high' band to the southeast. Adjacent to the site is the Esplanade and a vegetated bank with a powerline. These barriers separate the site from a beach and Frederick Henry Bay. There is no evidence of active erosion between the road and the vegetation. Should erosion begin to become apparent in the area it can be reasonably assumed that the Council will provide mitigation measures to

provide protection for their infrastructure (the road). The risk to the site regarding coastal erosion can therefore be considered insignificant.



Figure 5: Looking southeast across from the site (Google Street View, Aug 2023).

### 5.2 Coastal Inundation

Figure 6-Figure 8 shows that the site is not at risk from coastal inundation, sea level rise (by 2100) or 1% AEP storm tide event (2100). As these hazard bands do not come within 40 m of the site no further investigation is required.



Figure 6: Coastal inundation hazard bands



Figure 7: Predicted sea level rise.

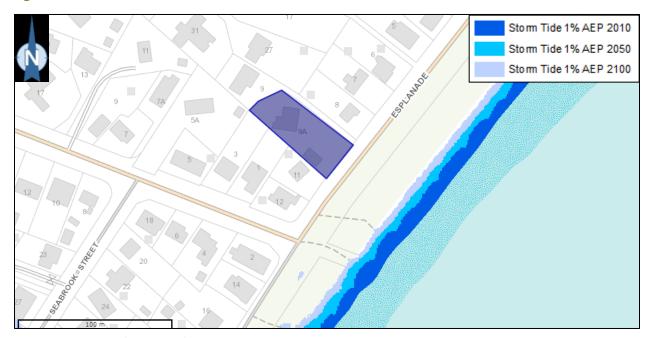


Figure 8: Projected storm tide.

### **6** Conclusions and Recommendations

Environmental Service and Design (ES&D) were commissioned by their client, John Schuts, to conduct a coastal vulnerabilities survey for a proposed development at 9a Esplanade Seven Mile Beach TAS 7170.

Protection from coastal erosion is provided by existing infrastructure while distance to the beach

and existing vegetation will also reduce any potential risk. It can be assumed beyond reasonable doubt that the road will be continually used for the lifetime of the development and therefore

protected from erosion risk by the Clarance Council who own the road. The risk to site regarding

coastal erosion is acceptable.

Coastal inundation projections show that the site will not be impacted by a 1% AEP storm tide

event or sea level rise by 2100. The development can therefore achieve and maintain a tolerable

risk from coastal inundation for the intended life of the development without any specific coastal

inundation protection works. The development will not contribute to coastal inundation on the

site, on adjacent land or public infrastructure.

Should you require clarification of any aspect of this report, please contact undersigned.

For and on behalf of Environmental Service and Design Pty Ltd

\_\_\_\_\_

Reuben McCormack BSc Hons

**Environmental Consultant ES&D** 

KALAMAT

Coastal Vulnerabilities - 9a Esplanade Seven Mile Beach TAS 7170

### References

FORSYTH, S.M.; CLARKE, M.J.; CALVER, C.R.; EVERARD, J.L; McCLENAGHAN, M.P.; CORBETT, K.D.; VICARY, M.J.; (comp.). 2005. Geology of Southeast Tasmania. Edition 2016.1. Digital Geological Atlas 1:250 000 Scale Series. Mineral Resources Tasmania.

Land Information System Tasmania (the List): www.thelist.tas.gov.au

M.J. Lacey, (2016) Coastal Inundation Mapping for Tasmania - Stage 4. Report to the Department of Premier and Cabinet by University of Tasmania.

Coastal Vulnerabilities - 9a Esplanade Seven Mile Beach TAS 7170

Document Set ID: 5180264 Version: 1, Version Date: 11/01/2024

### Appendix 1 – Site Plan

