

# **Agenda**

# Planning Review Meeting Thursday 14 July 2021 at 7:00pm

# Via videoconference (ZOOM)

#### Distribution

#### **Councillors**

Cr Ross Ebbels (Mayor)

Cr Donnie Grigau

Cr Michael Grout

Cr Fleur Hewitt

Cr Susan Salter

#### Officers

Martin Gill - Chief Executive Officer

Johann Rajaratnam – General Manager Planning & Infrastructure

Dinah O'Brien – Planning Program Leader

In accordance with the Borough of Queenscliffe *Local Law No. 1, 2010*, the information contained within this Agenda is for the confidential and privileged use of Councillors until at least 48 hours prior to this meeting.

THIS MATERIAL DOES NOT NECESSARILY REFLECT THE VIEWS OF COUNCIL



#### **Council Vision**

Inspired by the Borough's Latin motto, 'Statio Tutissima Nautis', that translates as "the safest anchorage for seafarers", our vision for the future is that:

The Borough remains a safe haven defined by its unique heritage, rich culture and significant natural environment. It is a special and restorative place for an involved and caring community and our visitors.

Council acknowledges the traditional owners of this land, the Wadawurrung people, one of some 25 clans that form part of the Kulin nation.

We acknowledge and respect their continuing connection to the Land, Water, Culture and the Contribution they make to the life of our Community.

We pay respect to their past and present Elders and their emerging leaders, and extend this respect to all Aboriginal and Torres Strait Islander peoples.

# PLANNING REVIEW MEETING – A GUIDE TO UNDERSTANDING MEETING PROTOCOL

There is a need to cover some simple protocols as each meeting will often involve people attending for the first time.

- 1. Planning Review meetings are held to provide additional information to Councillors in preparation for the following formal council meeting. The meetings are informal and proponents and submitters to any planning matter are encouraged to address council.
- 2. This is not a debating forum we are trying to obtain the best possible understanding of the matter.
- 3. We ask that parties addressing Council speak to the chair and not involve the gallery.
- 4. Submitters are asked to elaborate on their written submissions not just read out their letter/email all councillors have a copy of written material.
- 5. The meeting process will typically adopt the following sequence:
  - Introduction and welcome by the Chairperson.
  - Overview presentation by Council's Planning Officer.
  - The Applicant is given 5-10 minutes to outline their proposal longer time may be given at the discretion of the chair depending on the complexity of the matter.
  - We ask submitters to limit their comments to 5 minutes bearing in mind we are seeking elaboration on the comments already received in their submission.
  - Following the last submitter the Applicant will be given an opportunity to clarify any matter of fact but not to comment on matters of opinion.
  - Throughout this process Councillors will be able to ask questions of the Applicant, submitters or a Council Officer.



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1.	OPENING OF MEETING
	The meeting opened at:
2.	APOLOGIES
3.	PECUNIARY INTEREST & CONFLICT OF INTEREST DISCLOSURES
3.	PECUNIARY INTEREST & CONFLICT OF INTEREST DISCLOSURES  Councillors:
3.	



# 4. PLANNING & DEVELOPMENT

4.1 Application summary: 69 Stokes Street, Queenscliff

Planning Permit application number: 2021/024

#### **SUMMARY**

Proposal	Construction of a two storey dwelling and front fence  Refer Appendix 1 (note: amended plans included in appendix 3)
Zone/Overlays	Neighbourhood Residential Zone – Schedule 1 (NRZ1) Significance Landscape Overlay – Schedule 1 (SLO1) Design and Development Overlay – Schedule 3 (DDO4)
Public Notification	<ul> <li>Advertised by registered post to adjoining property owners and occupiers</li> <li>Sign placed on site</li> <li>Application made available for viewing on Council's website</li> </ul>
Submissions	Number submissions received: 9  Copy of submissions provided to Councillors:  Refer Confidential Appendix 2  Applicants response to submissions (including amended plans):  Refer Appendix 3
Key issues raised by submitter	Setbacks/east wall Access/safety Impact on streetscape/character Bulk/size Overshadowing Site coverage Views to Swan Bay

Agenda for the PI	anning Review	Meeting:	14 July	2021
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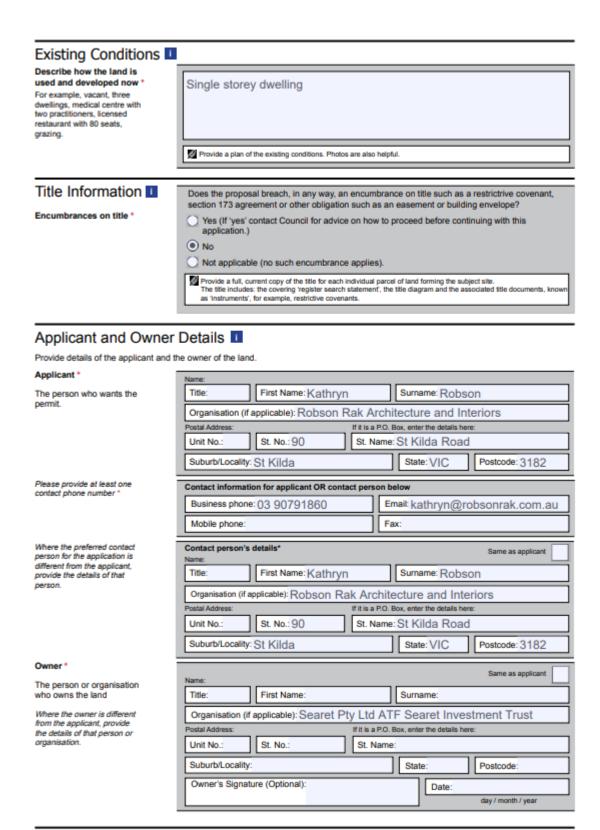
- 4.1.1. Applicant to present to Council
- 4.1.2. Submitters to present to Council
- 4.1.3. Applicant to readdress Council



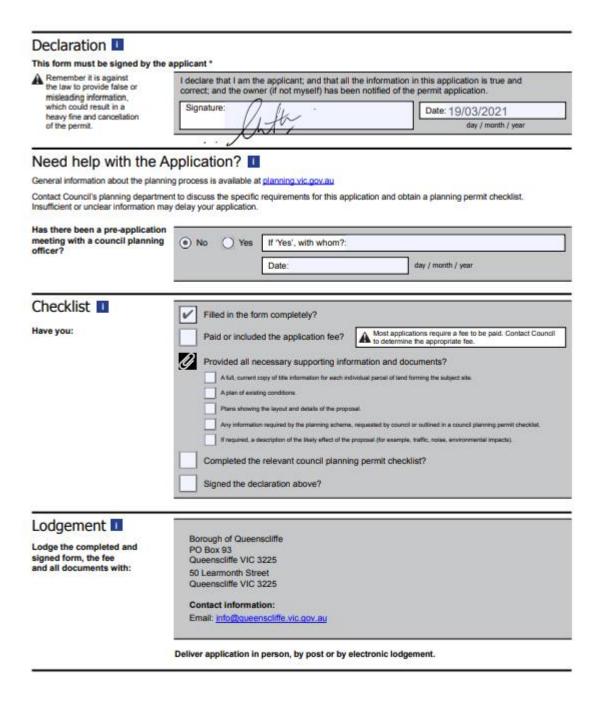
5. APPENDIX 1- APPLICATION DOCUMENTS: 69 Stokes Street, Queenscliff

SON OF QUEERIES	Office Use Only	
	Application No.:	Date Lodged: / /
O UTISSIMA HI	Application for a <b>Plann</b>	ing Permit
Enquiries: Ph: (03) 5258 1377 Web: www.queenscliffe.vic.gov.au	If you need help to complete this form, read MORE INFORMATION  Any material submitted with this application, including plans available for public viewing, including electronically, and coping the purpose of enabling consideration and review as part of and Environment Act 1987. If you have any questions, please  Questions marked with an asterisk (*) must be completed.  If the space provided on the form is insufficient, attach as Click for further information.	and personal information, will be made es may be made for interested parties for a planning process under the <i>Planning</i> e contact Council's planning department. d.
The Land		
	treet Address and one of the Formal Land Descriptions.	
Street Address *	Unit No.: St. No.: 69 St. Name: St	okes Street
	Suburb/Locality: Queenscliff	Postcode: 3225
Formal Land Description * Complete either A or B.	A Lot No.: 1 OLodged Plan Title Plan OP	lan of Subdivision No.: 062705
This information can be found on the certificate	OR	,
of title.  If this application relates to more than	B Crown Allotment No.:	Section No.:
one address, attach a separate sheet setting out any additional property details.	Parish/Township Name:	
The Proposal  You must give full details of you insufficient or unclear information  For what use, development	r proposal and attach the information required to assess the a on will delay your application.	application.
or other matter do you require a permit?	2 storey single dwelling with a double gara  2 storey single dwelling with a double gara  2 provide additional information about the proposal, including: plans are planning scheme, requested by Council or outlined in a Council plans of the likely effect of the proposal.	nd elevations; any information required by the
Estimated cost of any		
development for which the permit is required *	Cost \$  A You may be required Insert '0' if no develop	to verify this estimate. oment is proposed.











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# ROBSONRAK ARCHITECTS AND INTERIOR DESIGNERS

#### TOWN PLANING SUBMISSION 69 Stokes St, Queenscliff VIC 3225

APPLICANT: Robson Rak Architects Pty Ltd

Level 1, 90 St Kilda Road St Kilda 3182 Victoria

PROPERTY ADDRESS: 69 Stokes St.

Queenscliff VIC 3225

THE PROPOSAL: Demolition of the existing dwelling on site and proposed construction of new single dwelling,

new fences along boundaries, spa and landscaping.

#### GENERAL DESCRIPTION FOR PROPOSAL

The site is located at the corner of Nankervis Parade, Stokes Street and Bethune Street. The site has three street frontages with the existing dwelling being located at the high point of the site in the north eastern corner.

The proposed two storey dwelling is sited in response to the slope of the Natural Ground Level on site. The existing natural ground level is falling from a high point in the northeast corner to a low point in the southwest corner. The fall across the site is more than 2m. The vehicle access/ crossover has been relocated to Nankervis Parade given the unusually tight traffic management approach, which initially directs vehicles travelling north at the Stokes/Bethune intersection towards the property.

The upper floor of the proposed dwelling is designed to be positioned toward the south east corner, so the visual bulk of the building is minimised to Nankervis Parade and Stokes Street. The lower level of the building is at ground level from Nankervis Parade and is semi-submerged into the ground at the south eastern corner of the site. This siting allows for a lower built form which maximizes the proposed landscaping to ensure the building is responding to its coastal location.

The proposed building materials are a pale grey coloured brick, concrete, and timber which will be left to weather and grey. The proposed building material palette has been selected to blend into the surrounding neighborhood and responding to the colours and textures of the coastal environment.

#### SCHEDULE 3 TO CLAUSE 43.02 DESIGN AND DEVELOPMENT OVERLAY

Shown on planning scheme map as DDO3

#### 1.0 Design Objectives

The proposed dwelling is two storeys. However, due to the fall of the land and the subterranean nature of the lower ground floor, the building will only be read as double storey on the lower point of the site (southwest corner). The building is 4.5m high from the higher point of the site (northeast corner). The proposed roof is flat to ensure it will not dominate the streetscape and create unnecessary visual bulk. The proposed flat roof will also reduce the obstruction of neighbouring views.

The building is designed to sit towards the east of the site to allow for more substantial proposed native landscaping and vegetation. The native vegetation will be visible from the streetscape and the foreshore, and has been designed to soften the proposal and integrate the proposal with the coastal vernacular.

# ROBSONRAK ARCHITECTS AND INTERIOR DESIGNERS

#### 2.0 Building and works

The proposed fence along the boundary facing Nankervis Parade will be made up of 1.5m high angled vertical metal blades which allow the proposed landscape to penetrate through the fence, and also allow visual connection between the street and the site. The north eastern corner of the fence will be 1.5m high solid concrete fence to match the proposed lower level of the dwelling. This solid fencing is proposed as protection from the traffic coming down Stokes Street and potentially crashing into the corner of our site. The proposed fence is solid to prevent major damage to the house and its occupants should this corner site be breached with a car.

#### **Building Height**

The building is 2 storeys high and the maximum height from the NGL is 7.3m high, which complies with the requirement. The proposed dwelling will read well from the street as the neighboring dwelling on 67 Stokes St is also a 2 storey high dwelling. Given that the sloping level across the site, the form will not be dominant.



View from Stokes St/ Nankervis Parade

#### **Building Setback**

The average setback from the boundary along Nankervis Parade and Stokes Street varies between 6m to 25m. However, the garage with driveway connecting to Nankervis Parade has a 3m setback from boundary (on the short side, as the boundary is tapering as shown on plan). The 3m setback is matching the setback of No. 10 Nankervis Parade, which is located next to the proposed dwelling site.

The wall along the southern boundary is setback 2.07m from the boundary to comply with the underground sewer pipe clearance (800mm clear from the edge of pipe).

Our proposal includes a 8.76m long and 4.7m high wall on boundary along Bethune Street. This boundary wall allows for a discreet side entry into the proposed home, private from the street. The wall on boundary conceals a side entry and stairs up to the upper ground level. Given the exposed nature of the three corner site, this side entrance allows the occupants privacy into their living space, and also allows us to propose a green wall of ficus (or similar) to grow over the wall on boundary to Bethune Street, further softening our proposal. It also allows for minimal impact of our proposal from the coastal side or Nankervis Parade.

We acknowledge we will be required to apply for report and consent for this wall on boundary.

#### 3.0 Site Coverage

The calculation for site coverage and permeability is printed on the Floor Plan. The site coverage for the proposal is 44.4%.



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# ROBSONRAK ARCHITECTS AND INTERIOR DESIGNERS

It is 4.4% more than the 40% requirement, however, this is mainly due to the triangular shaped site. The proposed building is setback from Nankervis Parade to respect the foreshore, while allowing for more landscaping opportunities to enhance the streetscape further. The building portion that is closer to Nankervis Parade is a single story form so it will reduce the visual impact from the coastal side. We are proposing to build an 'L shaped' plan which is responding to the sloping site levels.

Building a full double storey high building will reduce the site coverage but it is not a sensible design as it will create visual obstruction by having bulky full double storey high building on site. Our proposal of a semi submerged lower ground floor reduces the visual bulk considerably.

#### 54.03-2 BUILDING HEIGHT

The proposed extension will not increase the overall building height from existing conditions. Refer to elevations for building height from natural ground level.

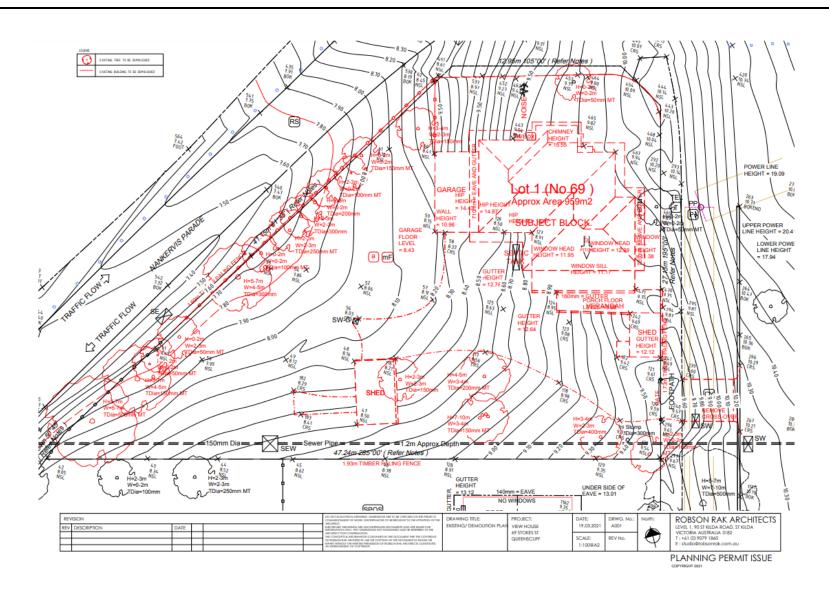
#### SCHEDULE 1 TO CLAUSE 42.03 SIGNIFICANT LANDSCAPE OVERLAY

Shown on the planning scheme map as SLO1

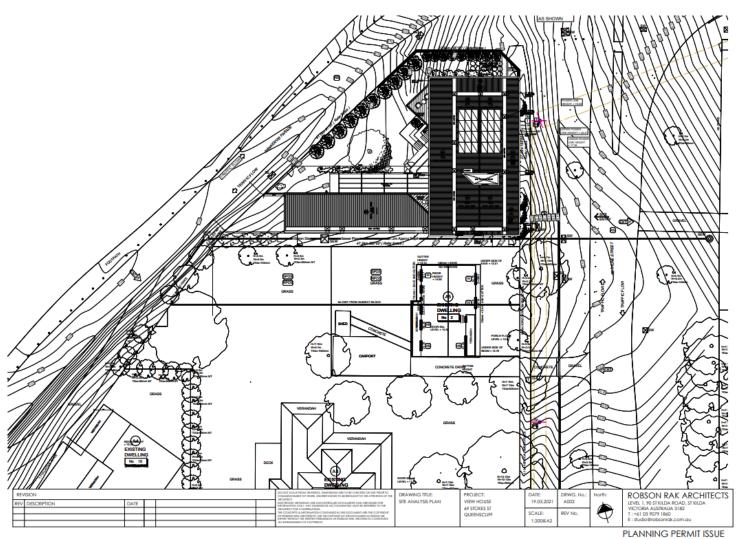
An arboricultural assessment has been completed for the subject site – refer to the attached report done by Treescape Consulting. The proposal will not impact any trees in council's property, and none of the proposal trees for removal are native or significant.

As stated in the arborist's report, the landscape design plan will be submitted at a later date. The landscape design will comply with council's requirement and the suggestion from Treescape consulting – to incorporate majority of indigenous and native plants at the completion of the construction process that are suitable to the site and local area.

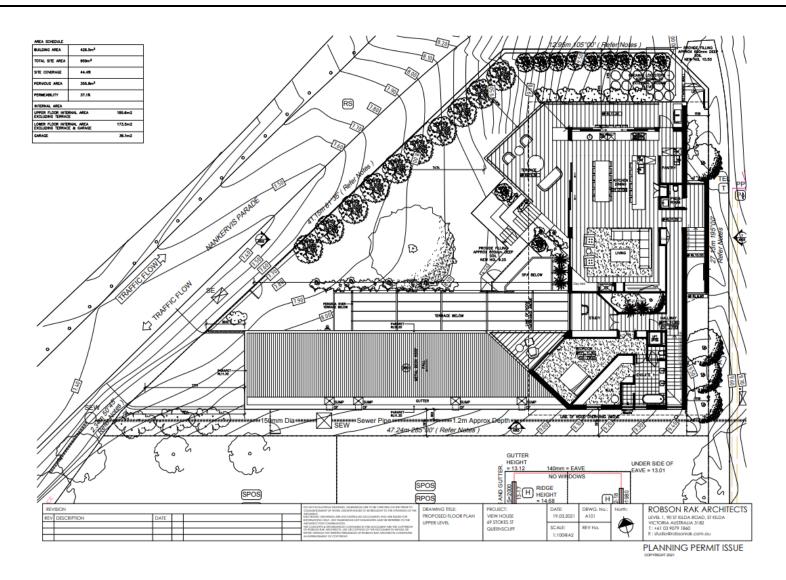
Borough of Queenscliffe

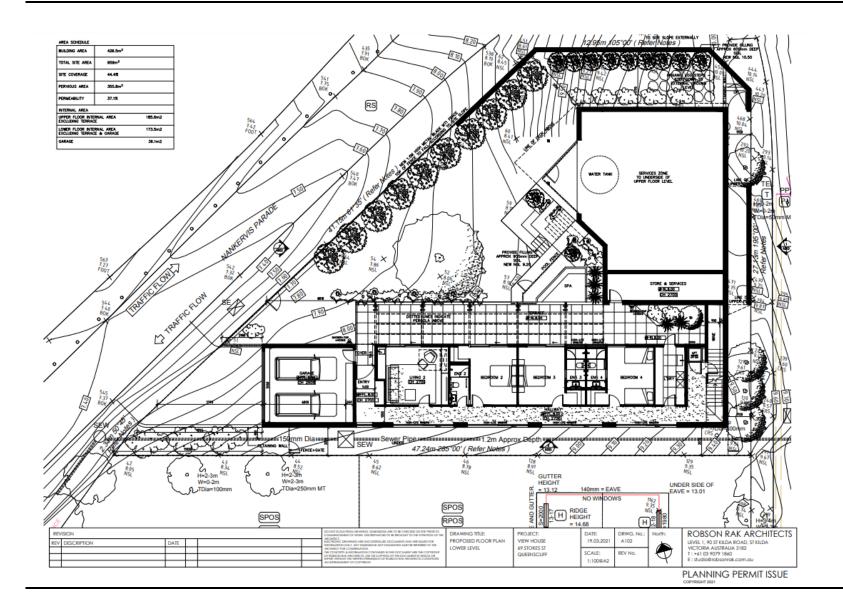


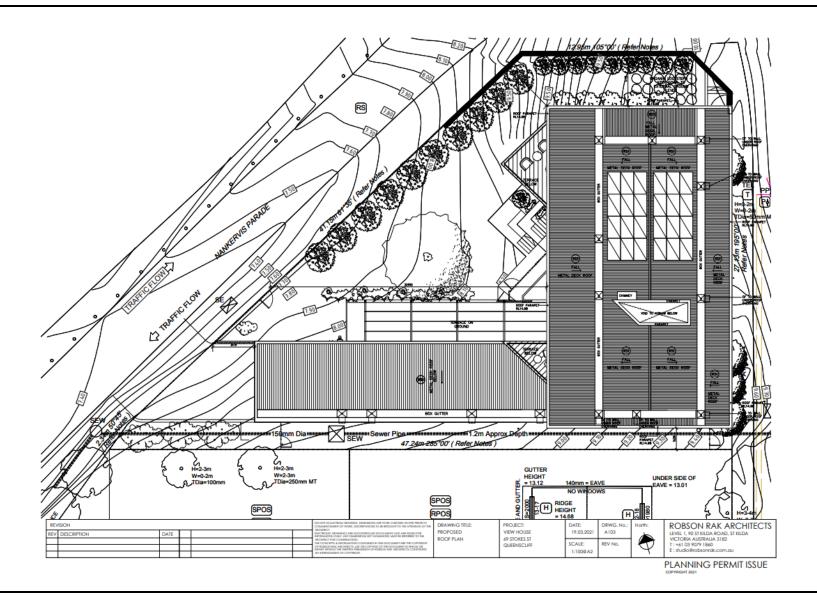
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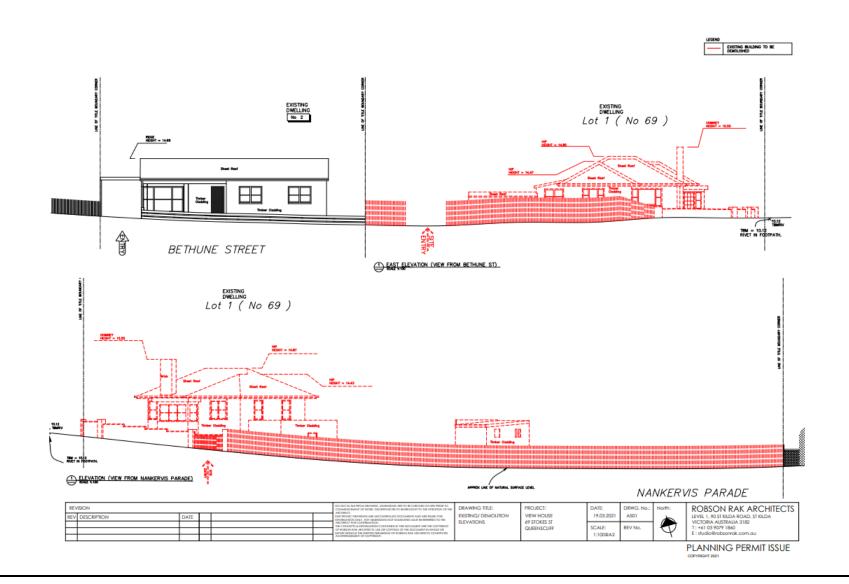


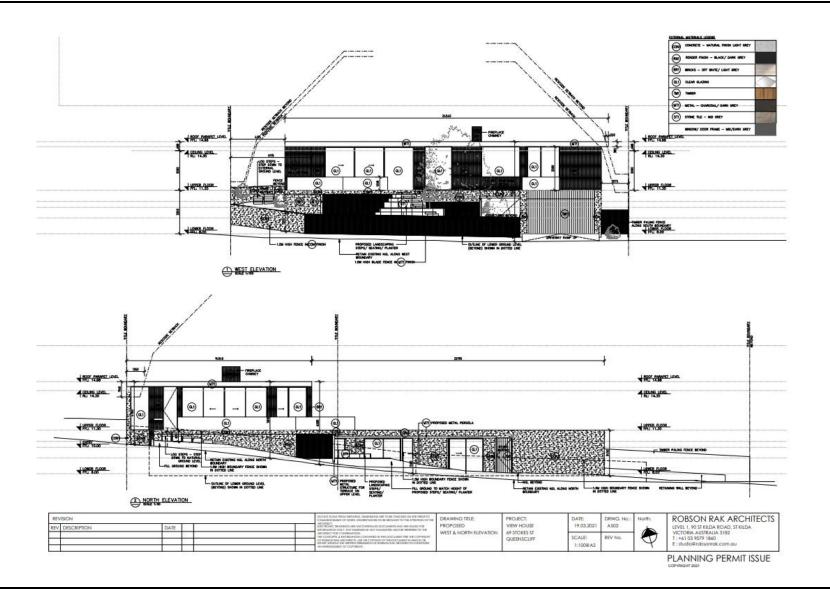
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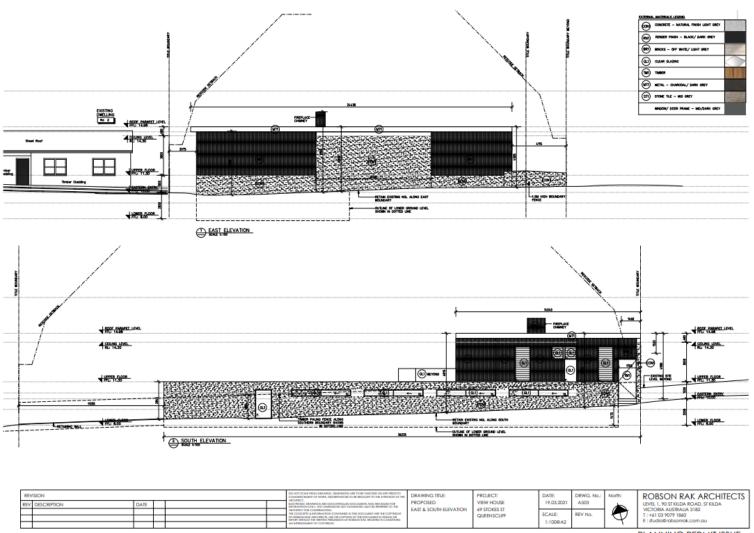






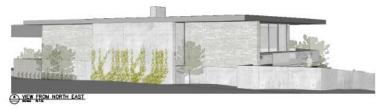


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PLANNING PERMIT ISSUE









YEW FROM STREET





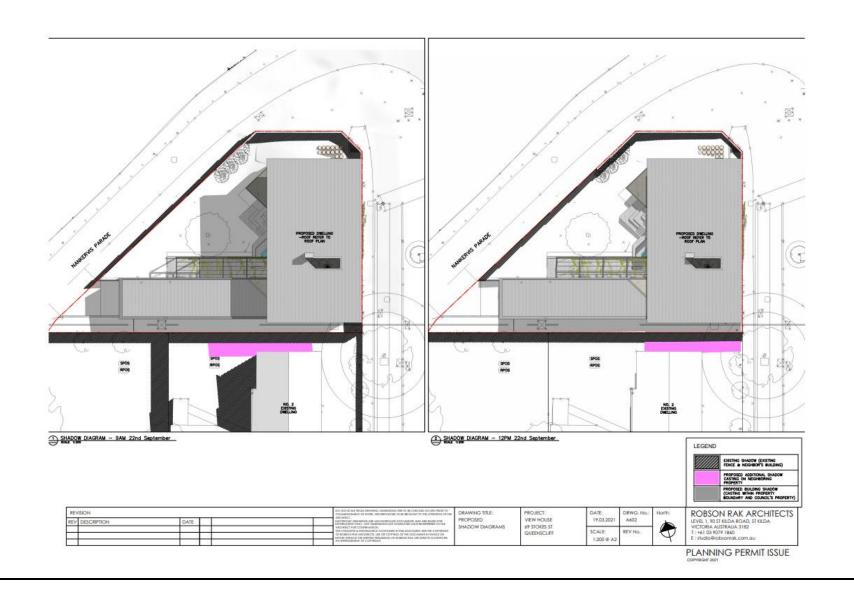


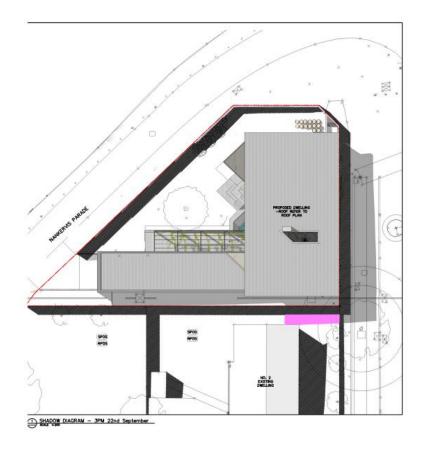
VIEW FROM STREET

VIEW FROM SOUTH EAST

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PLANNING PERMIT ISSUE





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	PROPOSED BUILDING SHADOW (CASTING WITHIN PROPERTY BOUNDARY AND COUNCIL'S PROPERTY

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PLANNING PERMIT ISSUE





# **Arboricultural Assessment and Report**

Site Address:

69 Stokes Street Queenscliff

Report Commissioned by:

Michael & Fiona Burn

Prepared by:

Peter Clark

Director/Arboricultural Consultant

## February 2021

Treescape Consulting

Tel: 03 9557 3131 E: peter@treescape.com.au

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#### 1 INTRODUCTION AND REPORT OBJECTIVES

- 1.1 This report is at the request of Robson Rak Architects and supplied for Michael & Fiona Burn. The report contents should not be made available to any other parties, other than governing Council bodies and affected parties, unless by express permission of Treescape Consulting Pty Ltd.
- 1.2 This report is an analysis of ten (10) trees that include two (2) trees that exist within the road reserve areas and eight (8) trees that exist within the site in question at 69 Stokes Street Queenscliff.
- 1.3 The assessment of the ten (10) trees includes their arboricultural rating, site significance and the tree protection zones for all trees including those that are located within the road reserve that will be determined by the statutory body. The report outlines any tree protection measures that will required during the construction process and this does include the road reserve trees.
- 1.4 The results of this assessment and a discussion of the relevant arboricultural characteristics are provided and the overall condition of the trees and their sustainable useful life expectancy are given.

#### 2 SURVEY METHODOLOGY

- 2.1 The collection of data was undertaken by Peter Clark of Treescape Consulting Pty Ltd on Thursday 18 February 2021. The data was captured on a hand held computer and is recorded in this report on a detailed survey sheet, which is located in 7 Tree Data.
- 2.2 The trees were given a number that corresponds to the numbering on an accompanying site map, which is reproduced in 8 Tree Location Plan. The site map is not to scale unless specified.
- 2.3 The trees were assessed and its species, arboricultural value, estimated height, diameter at breast height (DBH) and the estimated canopy width. For definition of terms used in the Arboricultural Assessment, see 10 Explanation of Terms.
- 2.4 The survey undertaken of the subject trees was of a preliminary nature, with a visual inspection being made from the ground level only. The subject site trees were not climbed and no samples (soil, fungal etc.) were taken for analysis. Tree defects not apparent from this ground-based visual inspection are expressly excluded from the scope of this report. Additionally, this report is based upon the condition of the trees at the time of assessment only.

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#### 3 Discussion

- 3.1 This report is an analysis of ten (10) trees. Two (2) trees exist within the road areas and eight (8) trees that exist within the site in question at 69 Stokes Street Queenscliff.
- 3.2 Trees numbered 9 and 10, Melaleuca lanceolata (Moonah) are both located within the road reserve within Bethune Street. Tree number 10 is an immature tree that is located at the front of the site in question and tree number 9 is a mature tree located adjacent to 2 Bethune Street.
- 3.2.1 Trees numbered 9 and 10, Melaleuca lanceolata are considered significant to the streetscape with tree number 9 being dominant within the streetscape. Both trees and are considered significant trees and will need to be retained and protected.
- 3.3 The proposed construction works required to the proposed residence will result in tree number 1, Metrosideros excelsior, tree number 2 Arbutus sp, tree number 3, Melaleuca armillaris and tree number 4, Pittosporum euginiodes being located within the building envelop or the construction activity will be in close proximity to the structural root zone (SRZ).
- 3.3.1 Trees number 1, 2, 3 and 4 are all considered to be of low landscape significance. Tree number 1, Metrosideros excelsior and tree number 2 Arbutus sp have been topped over the years to be retained as a low plant and all subsequent growth is epicormic, tree number 3, Melaleuca armillaris has a split at the major union at the base and requires removal and tree number 4, Pittosporum euginiodes is considered to be of a low arboricultural value.
- 3.4 The construction works required to the residence results in trees number 5, Pittosporum euginiodes, tree number 6 Feijoa sellowiana, tree number 7, Arbutus sp and tree number 8, Callistemon citrinus all located outside the building envelop and construction activity can be isolated from the tree protection zone.
- 3.4.1 Trees number 5, Pittosporum euginiodes, tree number 6 Feijoa sellowiana, tree number 7, Arbutus sp and tree number 8, Callistemon citrinus are all considered to be of a low arboricultural value. Trees numbered 6, 7 and 8 have been topped over the years to be retained as a low plant and all subsequent growth is epicormic; tree number 5, Pittosporum euginiodes is considered to be of a low arboricultural value.

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#### 4 Conclusion

- 4.1 Trees numbered 9 and 10, Melaleuca lanceolata (Moonah) are located within the road reserve and will require a tree protection fence installed around the trees prior to any site works being undertaken (see 6 Tree Protection Guidelines).
- 4.1.1 Trees numbered 9, Melaleuca lanceolata (Moonah) has an area of the TPZ 10% that is within the building envelop; the area of the TPZ 10% is less than 10% of the square metre area that is considered minor encroachment of the tree protection area and no construction impact to overall tree health would be expected from the construction process.
- 4.2 Tree number 1, Metrosideros excelsior, tree number 2 Arbutus sp, tree number 3, Melaleuca armillaris and tree number 4, Pittosporum euginiodes all either located within the building envelop and cannot be retained in conjunction with the current design. As mentioned above these trees are considered to be of a low arboricultural value.
- 4.3 Trees number 5, Pittosporum euginiodes, tree number 6 Feijoa sellowiana, tree number 7, Arbutus sp and tree number 8, Callistemon citrinus are all considered to be of a low arboricultural value. These trees can be retained on site in conjunction with the proposed development of the land.
- 4.4 As will be noted above all eight (8) site trees are considered to be of a low arboricultural value and site significance given previous poor pruning practices, defects noted or species not considered suitable or significant.
- 4.4.1 It would be considered beneficial to the site that all site trees are removed and a landscape design is incorporated within the development proposal to plant indigenous and native plants at the completion of the construction process that are suitable to the site and local area.
- 4.5 These guidelines do not constitute a specific Tree Management Plan (TMP) and it is recommended that a TMP is developed for this site prior to any construction activity commences on site. The TMP should address and not be limited to machinery movement and storage of building materials near trees numbered 9 and 10, Melaleuca lanceolata (Moonah) that are located within the road reserve, installation of tree protection fence and signage and any recommendations for any ground works required near the TPZ for each tree.

Reference: R9391 RobsonRak Stokes Queenscliff

Yours sincerely,

Peter Clark

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#### 5 BIBLIOGRAPHY

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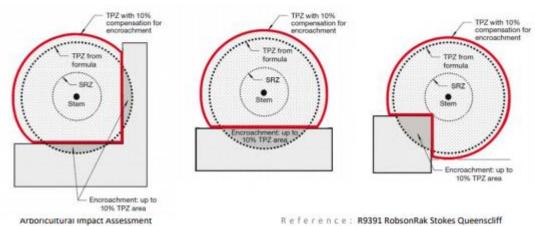


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#### 6 TREE PROTECTION GUIDELINES (INFORMATION ONLY)

- 6.1 Treescape Consulting assesses individual tree protection requirements based upon the Australian Standard AS4970 - 2009 'Protection of Trees on Development Sites'. Tree protection requirements are calculated based upon trunk diameter of the tree at breast height. These calculations produce what is referred to in this report as the Tree Protection Zone (TPZ) and is provided as a measurement in metres in a radius from the centre of the trunk.
- 6.2 The TPZ is the zone in which protective measures should be applied in order to protect the tree(s) whilst maintaining the current levels of health and vigour.
- 6.3 Determination of the structural root zone or the zone of rapid taper is provided as the Structural Root Zone (SRZ). The structural root zone calculations are based upon the Australian Standard AS4970 - 2009. The SRZ determines the minimum distance around the tree in which the structural stability of the tree is able to be maintained.
- 6,4 It is important to note that the SRZ only determines the root plate area or the zone of rapid taper. Excavation within this area will not only cause a decline in tree vigour but may also cause catastrophic tree failure (Coder, 1996).
- 6.5 Often it is difficult to protect the entire TPZ due to site constraints. In such events it is imperative that condition and species tolerance to disturbance are evaluated in conjunction with the site characteristics. Helliwell (1985) and Harris (1999) identified that a healthy tree may tolerate removal of up to one-third of its roots and possibly up to 50% in some cases, although stability may be compromised at this level.
- 6.6 In situations where the TPZ of a tree to be retained will be in close proximity to a proposed development or where there will be encroachment into the TPZ of a tree, a specific tree management plan should be developed that provides prescriptive measures to protect trees on development sites. Any encroachment greater than 10% into the TPZ will require exploratory trenching (through nondestructive means) to determine the actual impact to the tree. Further, any encroachment into the TPZ should be compensated in other areas within root zone (as shown in the diagrams below)

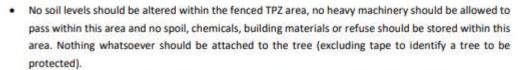
Extract from Australian Standard AS 4970 - 2009 Protection of trees on Development sites



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6.7 The following requirements are only provided for basic guidance with the design phase for a project.
These guidelines do not constitute a specific tree management plan.

- A tree protective fence should be installed at the recommended distance allocated for each tree to be retained. The fence should be located at the TPZ radial distance provided.
- The protection fence should be rigid (chain link or similar) and should not be less than 1.8 metres in height. Fencing should be firmly attached to a removable concrete or similar base. Alternatively, star pickets (1.5 metre spacing) and para-webbing may be used to define the tree protection area. Fencing should be in accordance with the Australian Standard for Temporary Fencing AS 4687.
- In cases where the TPZ cannot be entirely fenced, it is recommended
  that ground protection is used. Specific ground protection
  requirements will form part of a tree management plan that should be developed for each tree to be
  retained.



- The area within the tree protection fence should be covered with a layer of organic mulch (woodchips) to a depth of 100mm prior to the commencement of the project. Mulch material should comply with Australian Standard AS 4454.
- The tree protective fencing should be installed prior to any works (including demolition) commencing
  on site and should remain in place until all site development work is completed. The protective fencing
  should be located at the prescribed distances and clearly signed TREE PROTECTION ZONE. The sign
  should be similar to the following:





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 An area should be designated on site, which is at least 10 metres distance from any tree protection zone of the trees to be retained, where all building materials, chemicals etc. can be stored throughout the proposed development.

- Open trenching for underground services located within the recommended tree protection zone (TPZ)
  must be avoided. Should there be no alternative for service location; the services must be bored
  underneath the area designated as the tree protection zone. No trenching whatsoever should be used
  to install services within the protected area.
- Soil moisture during construction should be maintained at not less than 50% of field capacity (usually
  10 litres of water per 10mm of each tree DBH per week). Irrigation may be applied by hand, automatic
  or manual irrigation system, or by fine spray from water tanker located outside the previously
  submitted exclusion zones. Water is to be applied at a volume and frequency required so as to
  maintain turgor and leaf retention and encourage healthy root development. The consultant Arborist
  should discuss variations to the amount of water to be supplied with the site or Project Manager.
- Remedial pruning works recommended to be undertaken on the subject trees must be carried out to
  Australian Standard AS4373 (2007) Pruning of Amenity Trees, by a qualified Arborist. If pruning
  works are to be undertaken then these works should be carried out prior to any construction works
  beginning on site.
- Documentation should be provided to the site manager by the consultant Arborist for each inspection
  during the development process which details the consultant Arborist name, date and time of
  inspection, the stage of development, and provides comments of what actions are required.

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#### 7 TREE DATA

Tree		Common	Height	Width	DBH	ULE			Arboricult	Construction	Retention	TPZ	TPZ 10%	SRZ	
Id	Botanical Name	Name	(m)	(m)	(cm)	(years)	Health	Structure	Value	Impact	Value	[m]	(m)	[m]	Notes
		New													
		Zealand													
	Metrosideros	Christmas													The tree has been topped at
1	excelsa	Tree	3	3	20.62	6-20	Fair	Fair	Low	Moderate	Low	2.47	1.7	2	1.6 m.
		Irish													
		Strawberry													The tree has been topped at
2	Arbutus sp.	Tree	3	3.5	25	6-20	Fair	Fair	Low	Extreme	Low	3	2.1	1.85	1.5 m
															The tree has major
															structural defects with the
	Melaleuca	Giant Honey													base splitting apart at major
3	armillaris	Myrtle	4	8	55.77	1-5	Poor	Poor	Low	Extreme	Low	6.69	4.6	2.51	union.
	Pittosporum														
	eugenioides	Variegated													The tree is of low landscape
	'Variegatum'		4	4	25.79	6-20	Fair	Fair	Low	High	Low	3.09	2.1	11.65	significance
4	variegatum	Pittosporum	4	4	25.79	6-20	Fair	Fair	LOW	High	LOW	3.09	2.1	11.65	significance
	Pittosporum														
	eugenioides	Variegated													The tree is of low landscape
5	'Variegatum'	Pittosporum	4	4	30.43	6-20	Fair	Fair	Low	High	Low	3.65	2.5	11.65	significance.
															What have been been declared
															The tree has been topped
	Feijoa		_	_											as a hedge plant at 1.2 m.
6	sellowiana	Feijoa	3	3	17.32	6-20	Fair	Fair	Low	Low	Low	2.08	1.4	1.68	Retain or remove.
		Irish													The tree has been topped
		Strawberry													as a hedge plant at 1.2 m.
7	Arbutus sp.	Tree	3	3	29	6-20	Fair	Fair	Low	Low	Low	3.48	2.4	1.68	Retain or remove.
				_											
															The tree has been topped
	Callistemon	Crimson													as a hedge plant at 1.2 m.
8	citrinus	Bottle Brush	3	2.5	14.14	6-20	Fair	Fair	Low	Low	Low	2	1.4	10.32	Retain or remove.



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Tree		Common	Height	Width	DBH	ULE			Arboricult	Construction	Retention	TPZ	TPZ 10%	SRZ	
Id	Botanical Name	Name	(m)	(m)	(cm)	(years)	Health	Structure	Value	Impact	Value	[m]	(m)	[m]	Notes
															The tree is located on the
1 1															road reserve in font of number 2 Bethune Street. It
1 1															is highly unlikely there will
1 1															be any construction impact
1 1															to the tree, however a tree
1 1															protection fence must be
1 1															installed around the tree
1 1	Melaleuca					21-					Very				prior to any construction
9	lanceolata	Moonah	5	19	78	50	Fair	Fair	High	Low	High	9.36	6.5	3	starting on site.
1 1															The tree is a small
1 1															immature street tree that
1 1															must have a fence
1 1															surrounding the tree prior
1 1															to construction activity
															starting on site. The tree is located within Bethune
	Melaleuca					21-									adjacent to the site in
10	lanceolata	Moonah	1	2	10	50	Good	Fair	High	Low	Medium	2	1.4	1.5	question.

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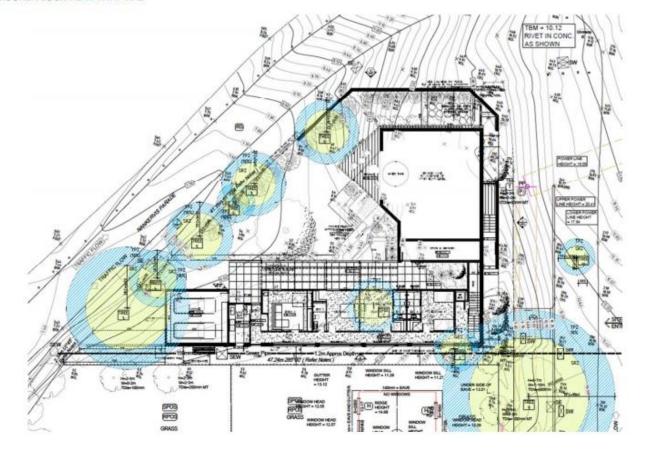
#### 8 TREE LOCATION PLAN



Arboricultural Impact Assessment

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## 9 GROUND FLOOR PLAN WITH TPZ



Arboricultural Impact Assessment

Reference: R9391 RobsonRak Stokes Queenscliff



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### 10 EXPLANATION OF TERMS

The following is a definition of terms used regularly in arboricultural assessments.

#### DIAMETER AT BREAST HEIGHT (DBH)

DBH is measured at 1400mm above ground level. In cases where the tree has multiple stems, the measurement is taken at the narrowest point below the stems.

#### HEALTH

Health pertains to the tree vigour, performance & ability to withstand pathogenic entry. Health is rated according to the following categories:

Category	Description								
Good	Crown full, with good foliage density Foliage entire with average colour, minimal or no pathogen damage Good growth indicators such as extension growth and leaf size Little or no canopy dieback Good wound wood development The tree exhibits above average health/vigour and no works are required								
Fair	<ul> <li>Tree may have more than 30% dead wood, or may have minor canopy dieback</li> <li>Foliage colour may be slightly lower than average and some discolouration may be present, some pathogenic damage may be observed</li> <li>Typical growth indicators, eg. extension growth, leaf size, canopy density for species in location</li> <li>The tree exhibits average health/vigour and remedial works may be employed to improve vigour</li> </ul>								
Poor	<ul> <li>Tree has more than 30% dead wood and canopy die back present</li> <li>Leaves discoloured and/or distorted, often small, and/or excessive epicormic growth</li> <li>Pathogens and or stress agents are present that could lead, or are leading to, the decline of tree</li> <li>The tree exhibits low health/vigour and remedial works or removal may be required</li> </ul>								

#### STRUCTURE

Pertains to the physical structure of the tree, including the main scaffold branches and roots. Structure includes those attributes that may influence the probability of major trunk, root or limb failure. Structure is rated according to the following categories:

Category	Description								
Good	The tree has a well-defined and balanced crown								
	<ul> <li>Major limbs are well defined and spaced, branch unions appear to be strong with no defects evident in the trunk or the branches</li> </ul>								
	The tree is unlikely to suffer trunk or branch failure under normal conditions								
	The tree is considered a good example of the species with a well-developed form								
Fair	The tree has some minor problems in the structure of the crown								
	Some branch unions or branches may exhibit minor structural defects								
	The tree may have suffered minor root damage or basal damage								
	These defects are not likely to result in catastrophic trunk or branch failure although some branch								
	failure may occur under normal conditions								
Poor	The tree may have a poorly structured crown								
	Branch unions or branches may exhibit significant structural defects								
	The tree may have a substantial lean								
	The tree may have suffered major root damage or basal damage								
	These defects may predispose the tree to major trunk or branch failure								

Reference: R9391 RobsonRak Stokes Queenscliff

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#### AGE CLASS

Age Class is provided as an indication of the relative stage of life that the tree is in based upon its current growing environment and expected longevity. Age Class is based upon the life stage of the subject tree being assessed. Age Class is rated according to the following categories:

Category	Description
Young/ Juvenile	Small tree, sapling or new planting. Generally less than 10 years of age
Semi Mature	Tree is active growth and has not reached its expected size for growing environment
Mature	Tree is approaching the expected size for the growing environment.
Senescent	Tree is in the declining phase of its lifespan for the growing environment

### USEFUL LIFE EXPECTANCY (ULE)

ULE quantifies the span of time the tree might reasonably be expected to provide useful amenity value, with an acceptable level of safety and at an acceptable cost. Depending on the situation, available financial resources and other factors, two identical trees may have different longevity ratings.

Category	Description								
0	The tree is dead or almost dead The tree should generally be removed								
<5	The tree is unlikely to provide useful amenity for longer than 5 years  The tree is in serious decline, poses an unacceptable hazard and/or requires disproportionate maintenance  The tree should generally be removed unless other factors require its retention								
6 – 20	The tree is unlikely to provide useful amenity for longer than 20 years  The tree may be in moderate to serious decline, be a short lived species, present an elevated hazard and/or require high maintenance  The tree could be retained or removed depending on the situation								
21 – 50	The tree is likely to provide useful amenity for between 21–50 years  The tree may be in fair to good condition, have a moderate life-span, present a low to moderate level of hazard and/or require moderate levels of maintenance  The tree should generally be retained								
>50	The tree is likely to provide useful amenity for greater than 50 years The tree may be in good to excellent condition, a long lived species, present a low level of hazard and/or require low levels of maintenance The tree should generally be retained unless other factors dictate its removal								

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#### ARBORICULTURAL RATING (RATING)

The Arboricultural Rating that is given is based upon the overall condition of the tree in the landscape and its suitability for retention in the long term. Arboricultural Rating is rated according to the following categories:

Category	Description					
None	The tree is in very poor condition and has no value based on its Arboricultural Characteristics.					
The tree is unlikely to provide useful amenity for longer than 5 years The tree is in serious decline, poses an unacceptable hazard and/or required disproportionate maintenance The tree should generally be removed unless other factors require its retention						
Medium	The tree is unlikely to provide useful amenity for longer than 20 years  The tree may be in moderate to serious decline, be a short lived species, present an elevated hazard and/or require high maintenance  The tree could be retained or removed depending on the situation					
High	The tree is likely to provide useful amenity greater than 20 years  The tree may be in fair to good condition, have a moderate life-span, present a low to moderate level of hazard and/or require moderate levels of maintenance  The tree should be retained					

### RETENTION VALUE (RATING)

The Retention Value that is given is based upon the overall condition of the tree in the landscape and its suitability for retention in the long term. Arboricultural Rating is rated according to the following categories:

Category	Description
None	The tree is in very poor condition and has no value based on its Arboricultural Characteristics.
Low	The tree is unlikely to provide useful amenity for longer than 5 years  The tree is in serious decline, poses an unacceptable hazard and/or requires disproportionate maintenance  The tree should generally be removed unless other factors require its retention
Moderate	The tree is unlikely to provide useful amenity for longer than 20 years  The tree may be in moderate to serious decline, be a short lived species, present an elevated hazard and/or require high maintenance  The tree could be retained or removed depending on the situation
High	The tree is likely to provide useful amenity greater than 20 years  The tree may be in fair to good condition, have a moderate life-span, present a low to moderate level of hazard and/or require moderate levels of maintenance  The tree should be retained

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Agenda for the Planning Review Meeting: 14 July 2021

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#### 11 Assumptions and Limiting Conditions

- Treescape Consulting Pty Ltd [Treescape] contracts with you on the basis that you promise that all legal information which you provide, including land title and ownership of other property, are correct.
   Treescape is not responsible for verifying or ascertaining any of these issues.
- Treescape contracts with you on the basis that your promise that all affected property complies with all applicable statutes and subordinate legislation.
- Treescape will take all reasonable care to obtain necessary information from reliable sources and to verify data. However Treescape neither guarantees nor is responsible for the accuracy of information provided by others.
- 4. If, after delivery of this report, you later require a representative of Treescape to attend court to give evidence or to assist in the preparation for a hearing because of this report, you must pay an additional hourly fee at our then current rate for expert evidence.
- Alteration of this report invalidates the entire report.
- Treescape retains the copyright in this report. Possession of the original or a copy of this report does
  not give you or anyone else any right of reproduction, publication or use without the written permission of
  Treescape.
- 7. The contents of this report represent the professional opinion of the consultant. Treescape's consultancy fee for the preparation of this report is in no way contingent upon the consultant reporting a particular conclusion of fact, nor upon the occurrence of a subsequent event.
- Sketches, diagrams, graphs and photographs in this report are intended as visual aids, are not to scale
  unless stated to be so, and must not be construed as engineering or architectural reports or as surveys.
- 9. Unless expressly stated otherwise:
  - 9.1. The information in this report covers only those items which were examined and reflects the condition of those items at the time of the inspection.
  - 9.2. Our inspection is limited to visual examination of accessible components without dissection, excavation or probing. There is no warranty or guarantee, express or implied, that even if they were not present during our inspection, problems or defects in plants or property examined may not arise in the future.
- 10. This agreement supersedes all prior discussions and representations between Treescape and the client on the subject, and is the entire agreement and understanding between us.

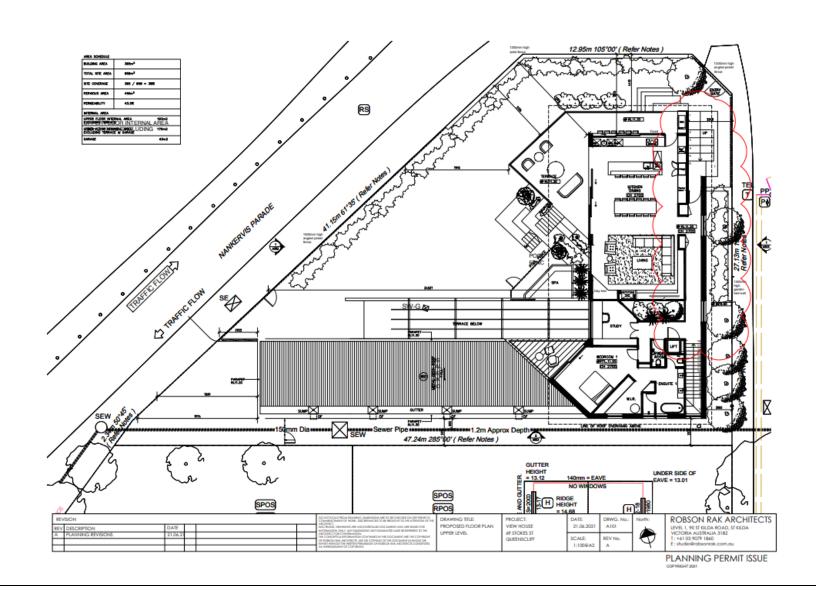
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PLEASE SEE APPENDIX 2 (FOR CONFIDENTIAL DISTRIBUTION TO COUNCILLORS ONLY)

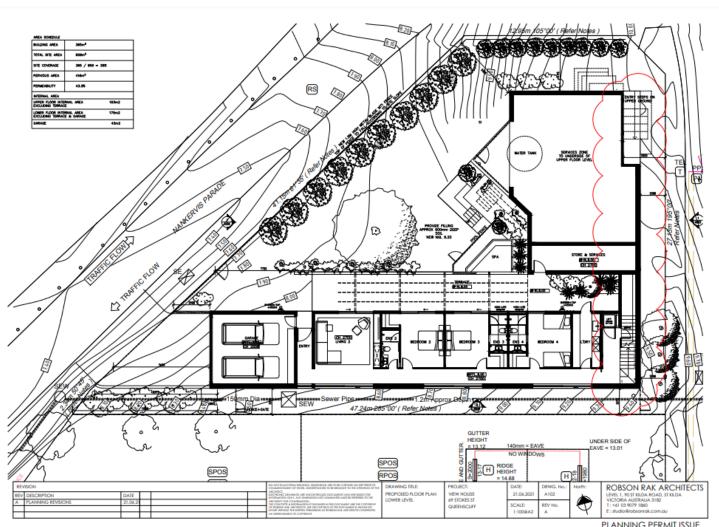


# 7. APPENDIX 3: APPLICANTS RESPONSE TO SUBMISSIONS: 69 Stokes Street, Queenscliff

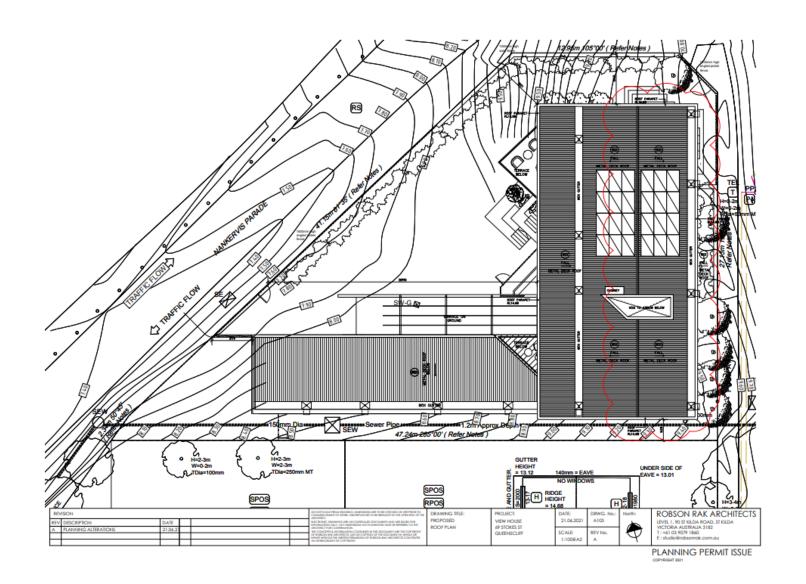
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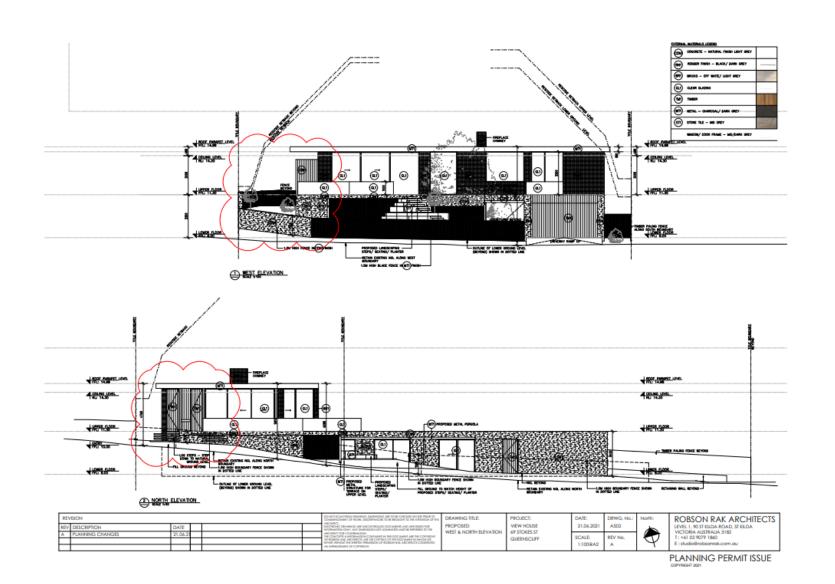


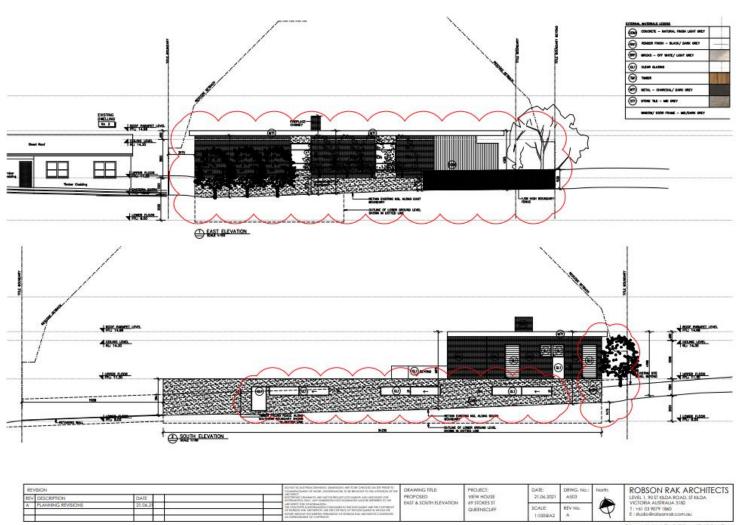




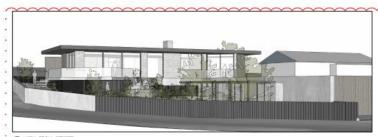
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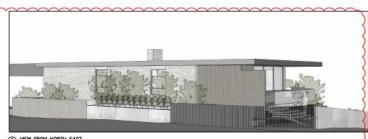
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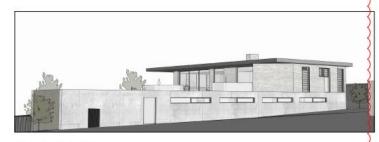
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