32-34 Georges Bay Esplanade St Helens Tasmania 7216 T: 03 6376 7900 ABN 96 017 131 248



Development Applications

Notice is hereby given under Section 57(3) of the *Land Use Planning & Approvals Act 1993* that an application has been made to the Break O' Day Council for a permit for the use or development of land as follows:

DA NumberDA 2024 / 00145ApplicantJ BinnsProposalResidential - CarportLocation63 Lawry Heights, St Helens

Plans and documents can be inspected at the Council Office by appointment, 32 – 34 Georges Bay Esplanade, St Helens during normal office hours or online at <u>www.bodc.tas.gov.au</u>.

Representations must be submitted in writing to the General Manager, Break O'Day Council, 32 -34 Georges Bay Esplanade, St Helens 7216 or emailed to <u>admin@bodc.tas.gov.au</u>, and referenced with the Application Number in accordance with section 57(5) of the abovementioned Act during the fourteen (14) day advertised period commencing on Saturday 24th August, 2024 **until 5pm Friday 6th September, 2024.**

John Brown GENERAL MANAGER

proposed carport

gita walker 63 lawry heights st helens tasmania 7216

> site plan a01 carport elevations a02 carport plans by others attachment

> > jennifer binns

52 cecilia street, st helens tasmania 7216 mail@jenniferbinnsdeisgn.com.au 0439 765 452



DESCRIPTION DATE: REV: PROJECT: proposed carport FOR: g. walker 63 lawry heights st helens tasmania 7216 DRAWING TITLE: site plan DRAWING NO: DRAWN BY: JB a01 DATE: 07.08.24 SCALE: 1:200 PROJECT: 0524WA **F**iennifer binns www.jenniferbinnsdesign.com.au (03) 6376 2588 : 0439 765 452 : jenniferbinns@bigpond.com suite 8 level 1 avery house, 48 cecilia street, st helens 7216

ACCREDITATION NO: CC 1269L

n

site plan



elevation 2 2 1:50

REV:	DESCRIF	TION:	DATE:		
PROJ	PROJECT:				
pro	posed carp	ort			
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www.jenniferbinnsdesign.com.au (03) 6376 2588 : 0439 765 452 : jenniferbinns@bigpond.com suite 8 level 1 avery house, 48 cecilia street, st helens 7216					

GENERAL NOTES

These documents show the general arrangement of the building and include some items not supplied (refer to the quotation for nomination of all items to be provided). All items not nominated therein shall be supplied and installed by others.

The plans provided here are the latest at the time of print. Earlier plans provided may have become outdated due to engineering changes and should not be used. The plans and drawings are extensive and give all the information needed for a competent person to erect the building. The building is not designed to stand up by itself when it is partially complete. Consequently, construction bracing is critical during erection.

The owner has been requested to check off the BOM after the building delivery. You should check that you are able to locate all materials nominated in the BOM. You should also confirm that the length and size (including thickness), nominated in the BOM is what has been provided. Any missing items are the responsibility of the client once correct delivery has been confirmed as per Terms and Conditions of Sale.

DESIGN CRITERIA

These building plans have been prepared to comply with the standards nominated in the engineer's letter. All plans are not to Scale.

The structure has been designed to allow for less than 50% of the cross-section exposed to the wind under the roof to be blocked by goods or materials in accordance with AS/NZS 1170.2:2021.Blocking more than 50 % of the cross - section under the roof with goods or materials will change the loads on the structure which have not been allowed for.

ADDITIONAL DOCUMENTATION TO BE SUPPLIED BY PURCHASER/OWNER

The Purchaser/Owner is responsible for:

*Provision of Soils Report for the site and in the building area on which the building is to be erected

*Site Plan and Drainage Plans

*Any other plans not covered by these engineering plans requested by the local Council or the authority

RAINWATER AND DRAINAGE

All Rainwater and drainage designs are the responsibility of the purchaser/owner. Residential gutters and downpipes where supplied are based on average rainfall for the state and may not be sufficient for your building size or usage. Please speak to your building designer or contractor to ensure gutters are fit for purpose.

BUILDING CONSTRUCTION REQUIREMENTS

The Builder and Purchaser are to ensure that all construction is carried out in accordance with the Plans, the Construction Manual and the Bill of Materials (BOM).

It is the responsibility of the builder to ensure that they are familiar with the operational risks and their obligations in carrying out construction work.

The builder must ensure that they have an appropriate Health & Safety Plan (The Plan) compliant with and as required by their local, state and federal regulations. The Plan will need to take into account the site conditions, the size of the building and the experience of the construction personnel. The Plan will, most likely, differ for each project.

The builder must ensure that The Plan is adhered to. Particular attention should be paid to the requirements to ensure that any person working at heights are properly trained and following the requirements as set out by The Plan.

It is recommended that you check with the appropriate authority in your area as to your responsibilities.

TEMPORARY SUPPORT, LIFTING AND SHORING

The design of temporary propping shoring, lifting and support during construction has not been undertaken and is not included in our engagement. This work is the responsibility of the Contractor undertaking the construction of the building.

SLAB AND/OR PIER DETAILS - GENERAL

* The minimum size of Piers under the columns and End Wall Mullions are nominated on the Material Specifications Plan. When the slab and piers are poured as one pour, the depth of the pier is to the top of the slab.

* Pier Reinforcement: for any piers over 1100mm, deformed bar to within 100mm of base and minimum 75mm top cover. Minimum side cover 75mm, maximum 100mm. Rod to be caged horizontally at least twice and at a maximum of 300mm spacing. Tie with a minimum of 6mm diameter cage tie. Where pier diameter is less than 450mm diameter, use 4 N12. For diameters equal to and over 450mm, use 4 N16.* Second Pour Jointing (refer to construction manual):

- 1. Surface of first pour must be scabbled.
- 2. All lose debris must be vacumed from hole.
- 3. Apply heavy coat of bondcrete or similar adhesive prior to second pour.
- 4. Apply suitable protective coating to the embedded portion of the columns. * Where columns or end wall mullions have been removed, piers are not required.
- * End wall mullion spacing may move due to location of openings or doors. Check layout and component position plan, and relocate piers as required.
- * The Slab Plan indicates those parts of the slab which are 50mm below main slab/piers.
- * Shed design has the columns embedded into the concrete. Refer to your Client BOM for embedment depth.
- * This measurement is from the top of the finished slab.
- * Pier and Slab design covers sites with a minimum of 100kPa safe bearing capacity soil classification A, S or M for a class 10a building.
- * The footing designs have been calculated with adhesion values of 0kPa, 25kPa and 50kPa for clay soils and dense sand soils only.
- * A site specific geotechnical investigation has not been performed. The builder will need to verify the soil type and conditions.
- * Site conditions different to those specified require a modified design.
- * Sub grade shall be excavated and compacted to a minimum of 100%
- standard dry density ratio and within 2% of the OMC to comply with AS2159.

- * Designs are in accordance with AS 3600:2018
- 80mm slump.
- buildina.

Concrete Slab

For Class A, S or M Sites

- cover.
- * Shed design has the columns embedded into the concrete. Refer to your Client BOM for embedment depth.
- * This measurement is from the top of the desired finished level of the building. * Footing design covers sites with a minimum of 100kPa safe bearing capacity soil classification A, S, M for a class 10a building.
- * The footing designs have been calculated with adhesion values of 0kPa, 25kPa and 50kPa for clay soils and dense sand soils only.
- * A site specific geotechnical investigation has not been performed. The builder will need to verify the soil type and conditions.
- * Site conditions different to those specified require a modified design.
- * Designs are in accordance with AS 3600:2018
- 80mm slump.
- building.
- * Refer to connection details. slab is to be made.

Concrete Piers Only

BRACING NOTES

- * Refer to Connection Details.
- * Cross bracing is to be fixed taut and secured with 14.20 x 22 frame screws at each end, quantity as per connection details.
- * All Columns and End Wall Mullions are fixed Column in Concrete.
- * Fly bracing to be fixed to the purlins/girts on all mid portal rafters, columns and end wall mullions. Fly bracing is to be fitted to every second purlin/girt, or, on every one, where the spacing between fly braces would exceed the

Revision	Date	Initial	Purchasor Namo: Otto Misling			
Posts moved 900mm	26/07/2024	LA	Furchasel Name. Gita Walker		General Notes	Seller: Sheds n Homes Launceston
						Name: Segel Pty Ltd
			Site Address: 63 Lawry Heights Saint Heler	ns TAS 7216 Australia		Phone: 0437 120 410
					Page 1 of 2	Fax:
				Print Date: 3/07/2024	©Copyright Steelx IP Pty Ltd	Email: ian.thomson@shedsnhomes.com.au
			Drawing # SLAN240072 - 2			

* All concrete to be in accordance with AS 3600:2018. Minimum 25 Mpa, with

* Concrete should be cured for 7 days before commencing construction of the

* Slab thickness to be a minimum of 100mm with SL 72 mesh and 40mm top

- * Sub grade shall be excavated and compacted to a minimum of 100%
- standard dry density ratio and within 2% of the OMC to comply with AS2159.
- * All concrete to be in accordance with AS 3600:2018. Minimum 25 Mpa, with

* Piers should be cured for 7 days before commencing construction of the

* Saw construction joints to be 25mm deep x 5mm wide. Saw cuttings shall take place no later than 24 hours after pouring. Saw construction joints to be placed at a maximum spacing of 6.3m (in both the length and the span). Care should be taken to avoid construction cuts intersecting where any fixing to the

- * All Cross Bracing is achieved with 1.2mm Strap G450.
- maximum specified below for the relevant column/rafter size:

Apex Engineering Group PTY LTD
ACN 632 588 562
MIE Aust. (Registered NER Structural) 5276680
QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES;
Practising Professional Structural & Civil Engineers

- C150 maximum 1800mm spacing
- C200, C250 maximum 2200mm spacing
- C300 maximum 2800mm spacing
- C350 maximum 2800mm spacing
- C400 maximum 2800mm spacing

* All bracing strap ends to be located as close as practical to structural member's (columns, rafters, mullions) centerline.

BOLTS

- * Unless otherwise nominated, all bolts are grade 4.6
- * All tensioned bolts shall be tensioned using the part turn method (refer to AS4100). For the erector, full details are in the construction manual.

OTHER MATERIALS NOTES

- * All Sheeting, Flashing and framing screws are Climaseal 3.
- * All purlin material has Z350 zinc coating with minimum strength of 450MPa.

Revision	Date	Initial	Burchasor Nama: Cita Walker			
			Fulchasel Name. Gita Waikel		General Notes	Seller: Sheds n Homes Launceston
						Name: Segel Pty Ltd
			Site Address: 63 Lawry Heights Saint Hele	ns TAS 7216 Australia		Phone: 0437 120 410
					Page 2 of 2	Fax:
					©Copyright Steelx IP Pty Ltd	Email: ian.thomson@shedsnhomes.com.au
			Drawing # SLAN240072 - 2	Print Date: 3/07/2024		

Apex Engineering Group PTY LTD ACN 632 588 562 MIE Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers

Signature:

John Ronaldson Partille Date: 26/07/2024



John Ronaldson

А

Date: 26/07/2024

MATERIAL SPECIFICATIONS

For further information regarding the tabulated values shown, refer to the General Notes

Building Dimensions								
Categories	Span	Length	Pitch	Height	Grid(s)	Portal(s)		
Main Building	8.6 m	9 m	6	3.3 m	A - B	1 - 2		

Portal Frame Elements

Grid / Portal Number 1 2							
Columns	A	SHS10050	SHS10050				
	В	SHS10050 *	SHS10050 *				
Rafters	A - B	C25024	C25024				

Note (*): Offset by 900mm (See Layout Plans)

Bay Section Elements

Bay Number		1	Maximum
Roof Purlin Bridging (Rows)	A - Apex	YES (2)	
	Apex - B	-	
Roof Purlin Spacing (End)	A - B	1.1m	1.2 m
Roof Purlin Spacing (Internal Spans)	A - B	1.1m	1.2 m
Eave Purlin	A	C25024	
Eave Purlin Trimmer	В	C25024	
Side Girts Spacing (End)	A	0.16 m	1.53 m
	В	0.16 m	1.53 m
Side Girts Spacing (Internal)	A	0.16 m	1.53 m
	В	0.16 m	1.53 m

Cladding Elements

Category	Colour	Product				
Roof Sheeting	Monument	CORODEK® 0.42 BMT (0.47TCT)				
Wall Sheeting	PaleEucalypt	TRIMCLAD® 0.42 BMT (0.47TCT)				

Pier Sizes

			Depth - when NO Slab	Depth - with Slab
Adhesion	Soil Description	Diameter	BP1	BP1
0 kPa	Sandy Soil	0.3 m	1 m	1 m
		0.45 m	1 m	1 m
		0.6 m	1 m	1 m
25 kPa	Soft to Firm Clay	0.3 m	1 m	1 m
		0.45 m	1 m	1 m
		0.6 m	1 m	1 m
50 kPa	Stiff to Very Stiff Clay	0.3 m	1 m	1 m
		0.45 m	1 m	1 m
		0.6 m	1 m	1 m

Revision	Date	Initial	Durchasor Nama: Otta Wallian			
Posts moved 900mm	26/07/2024	LA	Fulchasel Name. Gita Walker		Material Specification Sheet	Seller: Sheds n Homes Launceston
						Name: Segel Pty Ltd
			Site Address: 63 Lawry Heights Saint Heler	ns TAS 7216 Australia		Phone: 0437 120 410
					Page 1 of 1	Fax:
					©Copyright Steelx IP Pty Ltd	Email: ian.thomson@shedsnhomes.com.au
			Drawing # SLAN240072 - 4	Print Date: 3/0//2024		

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Signature:

Date: 26/07/2024

John Ronaldson

Cross Bracing is achieved with 1.2mm Strap. Refer to Connection Details.



Revision	Date	Initial	Burghooor Nomo: Otto Wellion			
Posts moved 900mm	26/07/2024	LA	Purchaser Name. Gita Walker		Bracing	Seller: Sheds n Homes Launceston
						Name: Segel Pty Ltd
			Site Address: 63 Lawry Heights Saint Heler	ns TAS 7216 Australia	Page 1 of 1	Phone: 0437 120 410 Fax:
					©Copyright Steelx IP Pty Ltd	Email: ian.thomson@shedsnhomes.com.au
			Drawing # SLAN240072 - 5	Print Date: 3/07/2024		

Note:

Bracing to connect at offset column postilions.

Apex Engineering Group PTY LTD ACN 632 588 562 MIE Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers Signature: John Ronaldson Date: 26/07/2024



Apex Engineering Group PTY LTD ACN 632 588 562 MIE Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers

Signature:

J Ramilh

John Ronaldson

Date: 26/07/2024

These dimensions are provided as a guide only. It is the responsibility of the concreter to confirm that all dimensions are correct.



9.1m

Apex Engineering Group PTY LTD ACN 632 588 562 ME Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers Purchaser Name: Gita Walker Seller: Sheds n Homes Launceston Segel PtyLtd Phone: 0437 120 410 Slab Dimensions Site Address: 63 Lawry Heights Saint Helens TAS 7216 Australia Also refer to Concrete Piers Plan Not to Scale © Copyright Steelx IP Pty Ltd Signature: Ramm Fax Email: ian.thomson@shedsnhomes.com.au Drawing # SLAN240072 - 7 Print Date: 03/07/24 John Ronaldson

Date: 26/07/2024





Site Address: 63 Lawry Heights Saint Helens TAS 7216 Australia

Connection Details Not to Scale Page 2 of 2 © Copyright Steelx IP PtyLtd Seller: Sheds n Homes Launceston Segel PtyLtd Phone: 0437 120 410 Fax Email: ian.thomson@shedsnhomes.com.au Apex Engineering Group PTY LTD ACN 632 588 562 ME Aust (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers

Signature: Rannih

John Ronaldson Date: 26/07/2024

Drawing # SLAN240072 - 8

Print Date: 03/07/24 Amended: 26/07/2024



proposed carport

gita walker 63 lawry heights st helens tasmania 7216

planning compliance report

august 8 2024

jennifer binns building design 52 cecilia street st helens tasmania 7216 mail@jenniferbinnsdesign.com.au : 0439 765 452

Introduction

This report aims to demonstrate compliance with relevant planning standards for a proposed carport for Gita Walker at 63 Lawry Heights (c.t.141663/3). The report aims to take into consideration the intent, values and objectives of the Tasmanian Planning Scheme and address all scheme standards applicable to this development.

The proposed development relies on a **Performance Solution** to satisfy relevant planning standards and this application is to be read in conjunction with drawings submitted for the development.

Development Site Details

The development site is an established and fully serviced residential property within the St Helens township. No alteration is proposed to the existing vehicle access and stormwater infrastructure.

Zone: General Residential



Development Details

The proposed development is a steel kit carport adjacent to the existing garage.

Use Class: Residential

Applicable Planning Codes

The proposed development is in the *Residential* use class which in the *General Residential* Zone is a *Permitted* use.

The following zone standards and codes of the Tasmanian Planning Scheme are applicable to the proposed development:

• Zone 8.0 GENERAL RESIDENTIAL ZONE

Table 8.3 GENERAL RESIDENTIAL USE STANDARDS

8.3.1 Amenity

A1 Not Applicable

The proposed development is a permitted use.

A2 Not Applicable

The proposed development is a permitted use.

A3 Not Applicable

The proposed development is not a commercial use.

A4 Not Applicable

The proposed development is a permitted use.

8.3.2 Residential Character

A1 Not Applicable

The proposed development is not in the Visitor Accommodation use class.

A1 Not Applicable

The proposed development is not in the Visitor Accommodation use class.

Table 8.4 GENERAL RESIDENTIAL DEVELOPMENT STANDARDS

8.4.1. Residential density for multiple dwellings

A1 Not Applicable

The proposed development does not include multiple dwellings.

8.4.2 Setback and building envelope for all dwellings

A1 Not Applicable

The proposed development is sited to the rear of the existing dwelling.

A2 Acceptable Solution

The proposed development is sited to the rear of the existing dwelling.

A3 Performance Solution

The proposed development falls marginally outside of the prescribed building envelope and is within 1.5m of the rear boundary for an equivalent distance of 34% of the length of the boundary. The shadow from the proposed carport will fall on the adjacent property however the area of the adjacent property to the south of the proposed carport is a driveway area and the development will not result in the loss of solar access to the adjacent dwelling or primary habitable space. The proposed carport follows the existing roofline of the dwelling and the development will not have a visual impact when viewed from the adjacent property. The proposed siting of the carport is consistent with the pattern of development in the area where outbuildings are commonly sited directly adjacent to the rear boundary.



8.4.3 Site coverage and private open space for all dwellings

A1 Acceptable Solution

The proposed development does not include multiple dwellings. The site coverage of development is <50% of the lot area.

A2 Acceptable Solution

Private open space provisions for the existing dwelling are maintained.

8.4.4 Sunlight to private open space of multiple dwellings

A1 Not Applicable

The proposed development does not include multiple dwellings.

8.4.5 Width of openings for garages and carports for all dwellings

A1 Not Applicable

The proposed carport is not within 12m of the property frontage.

8.4.6 Privacy for all dwellings

A1 Not Applicable

The proposed development does not include a new floor level >1m above natural ground level.

A2 Not Applicable

The proposed development does not include glazing.

A3 Not Applicable

The proposed development does not include a shared driveway.

8.4.7 Frontage fences for all dwellings

A1 Not Applicable

Fencing is not proposed as part of this application.

8.4.8 Waste storage for multiple dwellings

A1 Not Applicable

The proposed development does not include multiple dwellings.

Table 8.5 DEVELOPMENT STANDARDS FOR NON DWELLINGS

Not Applicable

The proposed development is a carport associated with an existing single dwelling.

Table 8.6 DEVELOPMENT STANDARDS FOR SUBDIVISION

Not Applicable

No subdivision of land is proposed.