NOTICE OF PROPOSED DEVELOPMENT

Notice is hereby given that an application has been made for the following development:-

NO:	**DA 88/2024**
LOCATION:	**1 Walker Street WYNYARD**
APPLICANT:	**L J Walker & C J Speers**
SCHEME:	**Tasmanian Planning Scheme – Waratah-Wynyard**
ZONING:	**General Residential**
USE CLASS:	**Residential**
PROPOSAL:	**Outbuilding (Combined Shed & Carport)**
DISCRETIONARY MATTER:	**Setbacks and building envelope for all dwellings 8.4.2 (P3)**

The application and associated plans and documents are available for inspection on Council website https://www.warwyn.tas.gov.au/planning-and-development/advertised-permits/ and at Council offices, located at 21 Saunders Street Wynyard during normal office hours for a period of 14 days from the date of this notice.

Any person who wishes to make representations in accordance with the *Land Use Planning and Approvals Act 1993*, must do so during the 14-day period.

Representations in writing will be received by the General Manager, PO Box 168, Wynyard, 7325, or email council@warwyn.tas.gov.au by **Wednesday 15 May 2024.**

Dated Wednesday 1 May 2024.

Shane Crawford
GENERAL MANAGER

WARATAH WYNYARD COUNCIL

APPLICATION FOR PLANNING APPROVAL

SECTION 51 LAND USE PLANNING & APPROVALS ACT 1993

PERMITTED APPLICATION - Assessment and determination of permit application under *S58 Land Use Planning and Approvals Act 1993*	$280.00 plus $1.35 per $1,000 of value for use or development
DISCRETIONARY APPLICATION -- Assessment and determination of a permit application under *S57 Land Use Planning and Approvals Act 1993*	$450.00 plus $1.75 per $1,000 of value for use or development plus advertising fee
SUBDIVISION APPLICATION – Assessment and determination of a subdivision application for 1 to 5 lots under s57 or s58 *Land Use Planning & Approvals Act 1993*	$450.00 plus $1.75 per $1,000 of value for use or development plus advertising fee
SUBDIVISION APPLICATION – Assessment and determination of a subdivision application for more than 5 lots under s57 or s58 *Land Use Planning & Approvals Act 1993*	$815.00 plus $175 per lot plus advertising fee
ADVERTISING FEE	$280.00
Level 2 Environmental Activity – Additional charge to permit application	$530.00 + advertising fee by quote
Please refer to www.warwyn.tas.gov.au (Council Services – Planning Services – Planning Fees) for all other fees	

Is a hard copy of planning permit and endorsed documents required? Yes ..... No ..No.....

1. Value of work (inc GST) $.46,250.....Contract Price Same... ...Estimate Same .....

2. Development Address .....1 Walker Street, Wynyard.....

3. Full Name of Applicant(s) ...Corey James Speers and Lisa Jane Walker.....

   Contact Details: Address: ...1 Walker Street, Wynyard.....

   Email Address coreyjspeers@gmail.com..... Telephone ...0438802077..

For requests in hardcopy format all correspondence in relation to this application, will be sent to the contact address, otherwise all correspondence will be forwarded to the email address

4. Would you like the contact address recorded above to be applied for all future Council correspondence? **(including rates/animal control etc)**? Yes..Yes.No.....

5.

Where the Applicant is not the Owner

In accordance with Section 52 of the *Land Use Planning and Approvals Act 1993* if the applicant for the permit is not the owner of the land in respect of which the permit is required, the applicant must include in the application for the permit, a declaration that the applicant has notified the owner of the intention to make the application.
In the event that the property is owned or managed by the Crown or Council, this application is to be signed by the relevant Crown Minister responsible, or General Manager of the Council, and accompanied by written permission of the Minister/General Manager to the making of this application.

Owners Full Name .....

.....

Address ..... Telephone Work/Business .....

.....

Crown Minister/General Manager Signature.....

.....

Applicant's Notification to Owner

I.....
Full Name of Applicant(s)

of .....
Applicant's Address

Declare that I/we have notified the owner(s) of the property(ies) of the intention to make this application.
I/We understand that in accordance with Section 52(2) of the *Land Use Planning and Approvals Act 1993* a person must not obtain or attempt to obtain a permit by wilfully making, or causing to be made, any false representation or declaration either orally or in writing.

Applicant's Signature(s) ....

6. Proposed Development (Fully describe intended use of land or premises)

Replacement of existing 9 x 4m shed with new shed of same size and 6m garaport and 2 x 9m awning on the eastern side of the shed

7. Supporting Information if necessary to explain special features of the proposal.
(Attach separate sheet if required)

.....

.....

To include –

a. One Copy (electronic copy if available) of any plan(s) and/or specification(s) for the proposed development, showing where applicable:

- ☑ i. Sufficient information to demonstrate compliance with all applicable standards, purpose statements in applicable zones and codes, any relevant local area objectives or desired future character statements;
- ☑ ii. a full description of the proposed use or development;
- ☑ iii. a full description of the manner in which the use or development will operate;
- ☑ iv. a site analysis and site plan at an acceptable scale;
- ☑ v. a detailed layout plan of the proposed buildings with dimensions at a scale of 1:100 or 1:200;
- ☐ vi. a plan of the proposed landscaping;
- ☐ vii. car parking facilities and capacity;
- ☐ viii. area of clearing of trees and bushland;
- ☐ ix. size, position, colour, illumination, fixing or support and other design details of advertising sign(s).

b. A full copy of your title shall also accompany the application.

Title Certificate ☑ Title Plan ☑ Schedule of Easements ☑

c. Relevant engineering pre-lodgement approvals

Access ☐ Stormwater ☐

8. Present use of site and/or buildings – full description

Shed mainly used for storage of tools and other household items.....

.....

9.

Car Parking		Floor Area	
Existing on site	.....1.....	Existing	.....36 sqm.....
Total no. proposed	.....2.....	Proposed	.....90 sqm.....

Site Area.....m² .....Total .....90.....m²

Questions 10 to 13 relate to Commercial and industrial Uses and Development ONLY

10.	What days and hours of operation are proposed? Monday to Friday: From .....a.m. to ..... p.m. Saturday From .....a.m. to .....p.m. Sunday From .....a.m. to .....p.m.		
11.	Number of Employees? Existing..... Proposed.....		
12.	Vehicles visiting or delivering to or from the site? Type No.	Trips per day	
13.	What type of machinery is to be installed or used Type / No.		

Declaration By Applicant (Mandatory)

I declare that the information given is a true and accurate representation of the proposed development. I understand that the information and materials provided with the development application may be made available to the public. I understand that the Council may make such copies of the information and materials as in its opinion are necessary to facilitate a thorough consideration of the Permit Application. I have obtained the relevant permission of the copyright owner for the communication and reproduction of the plans accompanying the development application for the purposes of assessment of that application. I indemnify the Waratah-Wynyard Council for any claim or action taken against it in respect of breach of copyright in respect of any of the information or material provided.

I/We hereby acknowledge that Section 20(a) of the *Local Government Act 1993* provides the power for persons authorised by the General Manager to enter land without notice in relation to an application by the owner or occupier for a licence, permit or other approval given by the council.

Signature(s)
(all applicants to sign)
.

.....

.....

Date 19/4/2024


Walker St
Beachside Cl
Dune Cl
Tidal Mews
LP: 68SP59586
1
2
3
5
7
9
10
11
12
13
14
15
16
18
26
6
161
17
0

RESULT OF SEARCH

RECORDER OF TITLES

Issued Pursuant to the Land Titles Act 1980

Tasmanian Government

SEARCH OF TORRENS TITLE

VOLUME	FOLIO
59586	68
EDITION	DATE OF ISSUE
4	07-Sep-2018

SEARCH DATE : 09-Apr-2024
SEARCH TIME : 02.59 PM

DESCRIPTION OF LAND

Parish of ELLIOTT, Land District of WELLINGTON
Lot 68 on Sealed Plan 59586 (formerly being SP427)
Derivation : Part of Lot 10169 Gtd. to R. W. Mackenzie.
Prior CT 2155/88

SCHEDULE 1

M710273 TRANSFER to COREY JAMES SPEERS and LISA JANE WALKER
Registered 07-Sep-2018 at 12.01 PM

SCHEDULE 2

Reservations and conditions in the Crown Grant if any
SP 59586 FENCING COVENANT in Schedule of Easements
E146547 MORTGAGE to Commonwealth Bank of Australia
Registered 07-Sep-2018 at 12.02 PM

UNREGISTERED DEALINGS AND NOTATIONS

No unregistered dealings or other notations

DIAGRAM FROM ACTUAL SURVEY

P/I P/I

COUNTY OF WELLINGTON
PARISH OF ELLIOTT

S.P.427

For L.T.O. Use Only.
Filed by Council Clerk Wynyard
Lodged at the Lands Titles Office 3.765
on 2.50
at
Receipt No: 63475
Receiving Clerk

No. OF APPLICATION
B W Walker 963 33 c.t. / 969 37.3 58 c.t.

Part of Lot 10169, 47a 0r 30p, Roderick William Mackenzie, Gr.

SEALED PLAN No. 427
EFFECTIVE FROM 29-11-65
DEPUTY RECORDER OF TITLES

Scale 100 feet to an inch

REFERENCE TO CO.

COR.	BEARING	DISTANCE IN LINKS	FROM

REGISTERED NUMBER

59586

To be filled in by Surveyor.	
Survey commenced	28/3/63
Survey finished	5/6/63
Error of close	1 in Sec calc

Office examination.	
Plotted by	
Examined as to boundaries	
Mathematically checked	
Entered on Card by	

I, *Kenneth Harold Blackwell* of *Wynyard* Registered Surveyor, of Tasmania, do hereby certify that this plan has been made from surveys executed by me or under my own personal supervision, inspection, and field check, and that both plan and survey are correct, and have been made in accordance with the Land Surveyors' By-Law No. 3, dated 3rd July, 1946.

K.H. Blackwell

Dated this *fourteenth* day of *June*, 19*63* Authorised Surveyor.

APPROVAL BY LOCAL AUTHORITY

THE COMMON SEAL OF THE WARDEN COUNCILLORS AND ELECTORS OF THE MUNICIPALITY OF WYNYARD has been hereunto affixed pursuant to a resolution of the Council of the said Municipality of Wynyard passed the 28th. day of June, 1965 in the presence of us:

.........WARDEN
.........COUNCILLOR
.........COUNCIL CLERK

Sheet of Sheets

SCHEDULE OF EASEMENTS

Office use only

PLAN No. S.P.427

This is the schedule of easements attached to the plan of Lot 9 and Lots 40 to 81 comprising part of the land in C/T's 963/29 & C/T 969/58 (insert title reference) Sealed by Wynyard Municipality on 28th June, 1965.

Council Clerk/Town Clerk

No easements profits a prender or covenants are created to benefit or burden any Lots shown on the Plan.....

Covenants The owner of each Lot shown on the Plan covenants with Bruce William Walker that the said Bruce William Walker shall not be required to fence.....

Interpretation The words shall not be required to fence shall... imply the covenant implied by the use of those words in accordance with Section 27F of the Real Property Act 1886.....

B. W. Walker

Registered Proprietor of the land shown on the Plan.

M.G. Crocker

Mortgagee under Mortgage No. A181812

WRITE ON THIS SIDE OF THE PAPER ONLY

Supporting Information – Planning Application
Corey Speers and Lisa Walker
1 Walker Street, Wynyard TAS 7325
Phone 0438802077
Email coreyjspeers@gmail.com

Please find attached:

A new site plan, drawn to scale, indicating:

- The existing and proposed building;
- The distance of each building from each title boundary;

And other documents provided by Richardson Sheds.

The new shed triggers Clause 8.4.2 (P3) of the General Residential zone provisions for having setback less than 1.5m from the western and potentially rear boundary, and therefore I include justification to address this Clause in relation to:

a. not cause an unreasonable loss of amenity to adjoining properties, having regard to:
   i. reduction in sunlight to a habitable room (other than a bedroom) of a dwelling on an adjoining property;
   ii. overshadowing the private open space of a dwelling on an adjoining property;
   iii. visual impacts caused by the apparent scale, bulk or proportions of the new building when viewed from an adjoining property.

The new shed, awning and garaport does not have any significant additional impact to sunlight on any habitable room of the dwelling located at 3 Walker Street as indicated on the existing shading and location of rooms.

Overshadowing will be limited to the rear property and in consultation with the property owners we have agreed that the new shed will in fact improve on the visual amenity.

b. provide separation between dwellings on adjoining properties that is consistent with that existing on established properties in the area; and

The new shed only changes the location of separation between 1 and 3 Walker Street and is consistent with other properties, including at the rear of 1 Walker Street, which has a shed on the boundary.

c. not cause an unreasonable reduction in sunlight to an existing solar energy installation

There is no solar energy installation on 3 Walker Street, and if installed, the new shed will have minimal to no impact due to the distance of shadowing and the possible installation point.

I have also made payment of applicable development/subdivision application fee.

Please let me know if you have any questions.

Kind regards

Corey Speers

0438802077

CERTIFICATE OF THE RESPONSIBLE DESIGNER

Section 94
Section 106
Section 129
Section 155

Form 35

To: COREY SPEERS *Owner name*

1 WALKER ST, WYNYARD *Address*

WYNYARD 7325 *Suburb/postcode*

Designer details:

Name: John Mewett Category: Engineer civil & structural

Business name: On Beam Pty Ltd Phone No: (03) 5342 0149

Business address: 115 Lloyds Lane

Napoleons 3352 Fax No:

Licence No: 329390744 Email address: admin@onbeam.com.au

Details of the proposed work:

Owner/Applicant: COREY SPEERS Designer's project reference No: A1673

Address: 1 WALKER ST Lot No:

WYNYARD, 7325

Type of work: Building work: X Plumbing work: *(X all applicable)*

Shed/Garage 10A
Design of steel portal frame shed including footings and slab
Garage/Carport: 4000 Wide, 15000 Long 2900 High, 3500 Garage Bay size, 3000 Carport Bay Size.
COREY SPEERS Order Number A1673 Frame Type C150 X 1.5mm PURLIN / 150 X 50 X 2mm BOX , Frame Code: C 1 a Carport Frame Code: A 1 c

(new building / alteration / addition / repair / removal / re-erection water / sewerage / stormwater /on-site wastewater management system / backflow prevention / other)

Description of the Design Work (Scope, limitations or exclusions): *(X all applicable certificates)*

Certificate Type:	Certificate	Responsible Practitioner
	☐ Building design	Architect or Building Designer
	☑ Structural design	Engineer or Civil Designer
	☐ Fire Safety design	Fire Engineer
	☐ Civil design	Civil Engineer or Civil Designer
	☐ Hydraulic design	Building Services Designer
	☐ Fire service design	Building Services Designer
	☐ Electrical design	Building Services Designer
	☐ Mechanical design	Building Service Designer
	☐ Plumbing design	Plumber-Certifier; Architect, Building Designer or Engineer
	☐ Other (specify)	

Deemed-to-Satisfy: ☑ Performance Solution: ☐ *(X the appropriate box)*

Other details:

Design documents provided:

The following documents are provided with this Certificate –

Document description:

Document No.	Document Date	Type of Document	Number of Pages	Preapred by
Computation_V20210530	30/5/2021	Computations	2	John Mewett
Member Schedule GG_V20210531	31/5/2021	GARAGE/CARPORT Member Tables	4	John Mewett
GG-CS	22/3/2021	GARAGE/CARPORT Engineering Drawings	1	Eureka Garages
Member Schedule	31/5/2021	GARAPORT Member Tables	2	John Mewett
GC-H-RHS-1	22/3/2021	GARAPORT Engineering Drawings	1	Eureka Garages
VD66	5/4/2016	Verandah Drawings & Member Schedule	2	Eureka Garages
A1673	2/4/2024	Elevation Drawings	1	Eureka Garages
A1673	2/4/2024	Plan Drawings	1	Eureka Garages

Standards, codes or guidelines relied on in design process:

AS 1170 Loading Codes Part 0, 1 & 2

AS 4100 Steel Structures Code

AS 4600 Cold Formed Steel Structure Code

AS 3600 Concrete Structures

N.C.C Nation Construction Code 2019

Class M for Outbuildings-

Foundation Material – Natural Undisturbed Clay

Any other relevant documentation:

Attribution as designer:

I John Mewett am responsible for the design of that part of the work as described in this certificate;

The documentation relating to the design includes sufficient information for the assessment of the work in accordance with the Building Act 2016 and sufficient detail for the builder or plumber to carry out the work in accordance with the documents and the Act;

This certificate confirms compliance and is evidence of suitability of this design with the requirements of the National Construction Code.

	Name: (print)	*Signed*	*Date*
Designer:	John Mewett	J Mewett	2/04/2024
Licence No:	329390744		

ON BEAM Pty Ltd
115 Lloyds Lane, Napoleons, 3352
e-mail: admin@onbeam.com.au
Phone: 03 5342 0149

Project:	Eureka Garages - Standard Shed Range
Compuation ref:	Compuation_V20210530

Date Prepared:	30-May-21
Page count	2

COMPUTATIONS FOR EUREKA GARAGES SHEDS

Applicable to:

Gable Sheds and Carports	Roof pitch 11 to 20 degrees
	Portal spans up to 15m
	Bay spacings up to 6m

Skillion Sheds and Carports	Roof pitch 5 to 11 degrees
	Portl spans up to 12m
	Bay spacings up to 6m

Loading

G	0.1	kPa	(metal sheeting and purlins)
Q	0.25	kPa	

Wind Loads

Region	A		
qz	TC3	0.84	kPa
	TC2.5	0.92	kPa
	TC2	1.01	kPa

Steel Frame Sections

Section	fy	Ag	f Msx	f Msy	f Ns
RHS	MPa	mm2	kNm	kNm	kN
150x50x2	450	774	12.8	3.09	173.4
150x50x3	450	1140	20.82	5.87	329.2
150x50x4	450	1480	26.49	9.19	525.7
185x65x3	450	1440	32.97	8.87	380.3
200x100x4	450	2280	58.32	23.49	687.9

Section	fy	Ag	f Msx	f Msy	f Ns
C-Sections	MPa	mm2	kNm	kNm	kN
C 150-15	450	443	7.36	2.97	151
C 150-19	450	561	9.56	3.76	198

Purlin Sections

Section	fy	Ag	f Msx	f Msy	f Ns
Tophats	MPa	mm2	kNm	kNm	kN
75 075	550	161	1.5	1.21	75.3
75 100	550	215	1.99	1.62	100.5
120 100	550	340	4.87	3.91	158.9

Joint Capacity

	f Msx kNm		f Msx kNm		f Msx kNm
Double Brackets	9.36	12PL, M12 8.8 Bolts, 150 RHS	18.7	12PL, 4/M16 8.8 Bolts, 200 RHS	46.7
Single Knee Brace	8.72	12PL, M16 8.8 Bolts, 150 RHS	35	12PL, 6/M16 8.8 Bolts, 200 RHS	58.6
Double Knee Brace	17.4	12PL, M16 8.8 Bolts, 185 RHS	42.4	12PL, M20 8.8 Bolts, 200 RHS	71.5

		f N kN	f V kN
4xM12 Dynabolts	h,e = 50mm	29.9	14.5
4xM12 Chemsets	h=100mm,e=50mm	49	12.2
4xM12 J bolts		107.5	60.5
4xM16 J bolts		201	114.3

Footings

at 100kPa, f=30d

Diam	Depth	Bearing	Uplift	Moment
m	m	kN	kN	kNm
0.3	0.6	7.1	4.1	0.9
0.3	0.7	7.1	5.7	1.5
0.3	0.8	7.1	7.7	2.2
0.3	0.9	7.1	10.1	3.1
0.3	1	7.1	12.9	4.3
0.3	1.1	7.1	16.2	5.7
0.3	1.2	7.1	19.9	7.5
0.375	0.6	11.0	5.2	1.2
0.375	0.7	11.0	7.0	1.9
0.375	0.8	11.0	9.3	2.8
0.375	0.9	11.0	11.9	3.9
0.375	1	11.0	15.1	5.4
0.375	1.1	11.0	18.7	7.2
0.375	1.2	11.0	22.9	9.3
0.45	0.6	15.9	6.3	1.4
0.45	0.7	15.9	8.4	2.2
0.45	0.8	15.9	11.0	3.3
0.45	0.9	15.9	14.0	4.7
0.45	1	15.9	17.4	6.5
0.45	1.1	15.9	21.5	8.6
0.45	1.2	15.9	26.0	11.2
0.45	1.3	15.9	31.2	14.2
0.45	1.4	15.9	37.0	17.8
0.45	1.5	15.9	43.5	21.9

Diam	Depth	Bearing	Uplift	Moment
m	m	kN	kN	kNm
0.6	0.6	28.3	9.0	1.9
0.6	0.7	28.3	11.7	3.0
0.6	0.8	28.3	14.9	4.4
0.6	0.9	28.3	18.6	6.3
0.6	1	28.3	22.9	8.6
0.6	1.1	28.3	27.7	11.5
0.6	1.2	28.3	33.1	14.9
0.6	1.3	28.3	39.2	19.0
0.6	1.4	28.3	45.9	23.7
0.6	1.5	28.3	53.4	29.2
0.6	1.6	28.3	61.7	35.4
0.6	1.7	28.3	70.7	42.4
0.6	1.8	28.3	80.6	50.4
0.75	1	44.2	29.1	10.8
0.75	1.1	44.2	34.8	14.4
0.75	1.2	44.2	41.2	18.7
0.75	1.3	44.2	48.3	23.7
0.75	1.4	44.2	56.1	29.6
0.75	1.5	44.2	64.7	36.5
0.75	1.6	44.2	74.0	44.2
0.75	1.7	44.2	84.3	53.1
0.75	1.8	44.2	95.4	63.0

Mullions

Maximum Mullion Spacing, F_y = 450 Mpa — Maximum allowable: 6 m

Terrain Category	Height m	150X50x2.0		150X50x3.0		150X50x4.0		185X65x3.0		200X100x4.0		C150-15		C150-19	
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
TC3	3	6.0000	3.2860	6.0000	6.0000	6.0000	6.0000	6.0000	6.0000	6.0000	6.0000	3.5789	2.1075	4.7895	2.7784
	3.5	6.0000	2.4142	6.0000	4.5819	6.0000	6.0000	6.0000	6.0000	6.0000	6.0000	2.0208	1.5484	2.6450	2.0413
	4	6.0000	1.8484	6.0000	3.5080	6.0000	5.4818	6.0000	5.2983	6.0000	6.0000	1.2007	1.1855	1.5770	1.5629
	4.5	6.0000	1.4604	6.0000	2.7718	6.0000	4.3392	6.0000	4.1863	6.0000	6.0000	-	-	-	-
	5	4.8928	1.1829	6.0000	2.2451	6.0000	3.5148	6.0000	3.3909	6.0000	6.0000	-	-	-	-
	5.5	4.0437	-	6.0000	1.8555	6.0000	2.9048	6.0000	2.8024	6.0000	6.0000	-	-	-	-
	6	3.3978	-	5.5268	1.5591	6.0000	2.4408	6.0000	2.3548	6.0000	6.0000	-	-	-	-
	6.5	2.8952	-	4.7092	1.3285	5.9919	2.0798	6.0000	2.0065	6.0000	5.3139	-	-	-	-
	7	2.4963	-	4.0605	1.1455	5.1665	1.7933	6.0000	1.7301	6.0000	4.5819	-	-	-	-
	7.5	2.1746	-	3.5371	-	4.5006	1.5621	5.6016	1.5071	6.0000	3.9913	-	-	-	-
	8	1.9113	-	3.1088	-	3.9556	1.3730	4.9233	1.3246	6.0000	3.5080	-	-	-	-
	8.5	1.6930	-	2.7538	-	3.5039	1.2162	4.3611	1.1733	6.0000	3.1074	-	-	-	-
	9	1.5101	-	2.4564	-	3.1254	1.0848	3.8900	1.0466	6.0000	2.7718	-	-	-	-
	9.5	1.3554	-	2.2046	-	2.8051	-	3.4913	-	6.0000	2.4877	-	-	-	-
	10	1.2232	-	1.9595	-	2.4873	-	3.1509	-	5.5741	2.2451	-	-	-	-
TC2.5	3	6.0000	2.9908	6.0000	5.6762	6.0000	6.0000	6.0000	6.0000	6.0000	6.0000	3.2573	1.9182	4.3592	2.5288
	3.5	6.0000	2.1973	6.0000	4.1703	6.0000	6.0000	6.0000	6.0000	6.0000	6.0000	1.8392	1.4093	2.4073	1.8579
	4	6.0000	1.6823	6.0000	3.1928	6.0000	4.9985	6.0000	4.8223	6.0000	6.0000	1.0928	1.0790	1.4354	1.4225
	4.5	5.4978	1.3292	6.0000	2.5227	6.0000	3.9494	6.0000	3.8102	6.0000	6.0000	-	-	-	-
	5	4.4533	1.0767	6.0000	2.0434	6.0000	3.1990	6.0000	3.0863	6.0000	6.0000	-	-	-	-
	5.5	3.6804	-	5.9864	1.6888	6.0000	2.6438	6.0000	2.5506	6.0000	6.0000	-	-	-	-
	6	3.0925	-	5.0303	1.4190	6.0000	2.2215	6.0000	2.1432	6.0000	5.6762	-	-	-	-
	6.5	2.6351	-	4.2861	1.2091	5.4536	1.8929	6.0000	1.8262	6.0000	4.8365	-	-	-	-
	7	2.2721	-	3.6957	1.0426	4.7023	1.6321	5.8527	1.5746	6.0000	4.1703	-	-	-	-
	7.5	1.9792	-	3.2194	-	4.0962	1.4218	5.0984	1.3717	6.0000	3.6328	-	-	-	-
	8	1.7396	-	2.8295	-	3.6002	1.2496	4.4810	1.2056	6.0000	3.1928	-	-	-	-
	8.5	1.5409	-	2.5064	-	3.1891	1.1069	3.9693	1.0679	6.0000	2.8283	-	-	-	-
	9	1.3745	-	2.2357	-	2.8446	-	3.5405	-	6.0000	2.5227	-	-	-	-
	9.5	1.2336	-	2.0065	-	2.5531	-	3.1777	-	5.6214	2.2642	-	-	-	-
	10	1.1133	-	1.7835	-	2.2638	-	2.8678	-	5.0733	2.0434	-	-	-	-
TC2	3	6.0000	2.7336	6.0000	5.1881	6.0000	6.0000	6.0000	6.0000	6.0000	6.0000	2.9773	1.7532	3.9844	2.3114
	3.5	6.0000	2.0084	6.0000	3.8117	6.0000	5.9673	6.0000	5.7570	6.0000	6.0000	1.6811	1.2881	2.2004	1.6982
	4	6.0000	1.5377	6.0000	2.9183	6.0000	4.5687	6.0000	4.4077	6.0000	6.0000	-	-	1.3119	1.3002
	4.5	5.0251	1.2149	6.0000	2.3058	6.0000	3.6098	6.0000	3.4826	6.0000	6.0000	-	-	-	-
	5	4.0704	-	6.0000	1.8677	6.0000	2.9240	6.0000	2.8209	6.0000	6.0000	-	-	-	-
	5.5	3.3639	-	5.4717	1.5436	6.0000	2.4165	6.0000	2.3313	6.0000	6.0000	-	-	-	-
	6	2.8266	-	4.5978	1.2970	5.8501	2.0305	6.0000	1.9590	6.0000	5.1881	-	-	-	-
	6.5	2.4085	-	3.9176	1.1052	4.9847	1.7302	6.0000	1.6692	6.0000	4.4207	-	-	-	-
	7	2.0767	-	3.3779	-	4.2980	1.4918	5.3495	1.4392	6.0000	3.8117	-	-	-	-
	7.5	1.8090	-	2.9426	-	3.7440	1.2995	4.6600	1.2537	6.0000	3.3204	-	-	-	-
	8	1.5900	-	2.5862	-	3.2907	1.1422	4.0957	1.1019	6.0000	2.9183	-	-	-	-
	8.5	1.4084	-	2.2909	-	2.9149	1.0118	3.6280	-	6.0000	2.5851	-	-	-	-
	9	1.2563	-	2.0435	-	2.6000	-	3.2361	-	5.7248	2.3058	-	-	-	-
	9.5	1.1275	-	1.8340	-	2.3335	-	2.9044	-	5.1381	2.0695	-	-	-	-
	10	1.0176	-	1.6301	-	2.0692	-	2.6213	-	4.6371	1.8677	-	-	-	-

X = Mullion in strong axis (long side of mullion perpendicular to wall)
Y = Mullion in weak axis (mullion is flat against the wall)
Mullion spacing = (distance to next column or mullion on 1 side + distance to column or mullion on the other side) divide i.e. (Spacing 1 + Spacing 2) / 2

Roof Pitch	11	to	20	Degrees

Max Span (mm)	Max Eave Height (mm)	TC 3 Max Bay Spacing (mm)				TC 2.5 Max Bay Spacing (mm)				TC 2 Max Bay Spacing (mm)			
		3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000
6,000	3,000	C1a	C1a	C1a	A2a	C1a	C1a	G1a	A2a	C1a	G1a	A2a	B2a
	3,600	C1a	C1a	G1a	B2a	C1a	G1a	A2a	B2b	G1a	A2a	A2a	B2b
	5,000	A2a	B2a	B2b	D4b	B2a	B2b	B2b	E4b	B2a	B2b	D4b	E4b
7,500	3,000	C1a	G1a	A2a	A2a	C1a	G1a	A2a	B2b	G1a	A2a	A2a	B4b
	3,600	C1a	A2a	A2a	B2b	G1a	A2a	B2a	B2b	A2a	A2a	B2a	B4b
	4,200	A2a	A2a	B2b	B4b	A2a	B2a	B2b	D4b	A2a	B2a	B4b	D4b
	5,000	A2a	B2a	B2b	D4b	B2a	B2b	D4b	E4b	B2b	B4b	D4b	J4b
8,000	7,000	D4b	E4b	J4b	J5b	E4b	J4b	J5b	J5c	E4b	J5b	J5b	J5c
9,000	3,600	A2a	A2a	B2a	B4b	A2a	A2a	B2b	D4b	A2a	B2a	B4b	D4b
	4,200	A2a	B2a	B2b	D4b	A2a	B2a	B4b	D4b	B2a	B2b	D4b	E4b
	5,000	B4b	B2b	D4b	E4b	B2b	B2b	D4b	J4b	B2b	D4b	E4b	J4b
9,500	6,000	B4b	D4b	E4b	J5b	D4b	E4b	J4b	J5b	D4b	E4b	J5b	J5c
10,500	4,200	A2a	B2b	B4b	D4b	B2a	B4b	D4b	E4b	B2b	B4b	D4b	E4b
	5,000	B2b	B4b	D4b	E4b	B4b	D4b	E4b	J4b	B4b	D4b	E4b	J5b
12,000	4,200	B4b	B4b	D4b	E4b	B4b	B4b	D4b	E4b	B4b	D4b	E4b	J4b
	5,000	B4b	D4b	D4b	J4b	B4b	D4b	E4b	J5b	D4b	E4b	J4b	J5b
	6,000	D4b	E4b	J4b	J5b	D4b	E4b	J5b	J5c	E4b	J4b	J5b	J5c
	7,000	E4b	J4b	J5b	J5c	J4b	J5b	J5c	J5c	J5b	J5b	J5c	n/a
13,500	4,600	B4b	D4b	E4b	J4b	B4b	D4b	E4b	J5b	D4b	E4b	J4b	J5b
15,000	5,000	D4b	E4b	J4b	J5b	D4b	E4b	J4b	J5c	E4b	J4b	J5b	J5c
	6,000	D4b	E4b	J4b	J5c	E4b	J4b	J5b	J5c	J4b	J5b	J5c	J5c
	7,000	E4b	J4b	J5b	J5c	J4b	J5b	J5c	n/a	J5b	J5c	J5c	n/a

The above table details the engineering requirements represented as a code and referred to as follow:

Item 1 = Capital Letter Frame sections	
C	C150 X 1.5mm PURLIN
G	C150 X 1.9mm PURLIN
A	150 X 50 X 2mm BOX
B	150 X 50 X 3mm BOX
D	150 X 50 X 4mm BOX
E	185 X 65 X 3mm BOX
J	200 X 100 X 4mm BOX

Item 2 = Number Eave and Apex connections	
1	Single haunch plate connections with single C7510 knee brace
2	Single haunch plate eave connection with double C7510 knee brace and double haunch plate apex connection or Upgrade to welded 12 mm thick end plates 12mm bolted connections.
3	Welded 12mm thick end plates with12mm bolted connections
4	Welded 12mm thick end plates with 16mm bolted connections
5	Welded 12mm thick end plates with 16mm Grade 10.9 bolted connections

Item 3 = Lower case letter Base connection and fixing	
a	*C Section portal frame:* Angle bracket with Tex Screw fixings to columns and M12 Dynabolts to footings *RHS portal frame:* Welded base plate to column with M12 Dynabolts.
b	Welded base plate fixing with M12 Chemset
c	J Bolts 12 mm base connection or RHS Extensions with welded base plates or

Roof Purlins and Wall Girts are resolved to the code relating to the Eave and Apex connections as follow:

Code	Section	Lapped Spans
1	75 x 0.75mm Top hat	For bay spacings up to 3.6m
2	75 x 1.0mm Top hat	For bay spacings up to 4.5m
3	120 x 1.0mm Top hat	For bay spacings up to 6m

Max spacings are set to the following:	
Max roof purlin spacing	1,200 mm
Max wall girt spacing	1,350 mm

FOOTING SCHEDULE - Slab with incorprated PAD's

Max Span (mm)	Max Eave Height (mm)	TC 3 Max Bay Spacing (mm)				TC 2.5 Max Bay Spacing (mm)				TC 2 Max Bay Spacing (mm)			
		3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000
6,000	3,000	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
	3,600	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
	5,000	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
7,500	3,000	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
	3,600	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
	4,200	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
	5,000	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
8,000	7,000	400/400	400/400	400/400	400/400	400/400	400/400	400/400	450/1100	400/400	400/400	400/400	600/1700
9,000	3,600	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
	4,200	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
	5,000	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
9,500	6,000	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	600/1700
10,500	4,200	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
	5,000	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400	400/400
12,000	4,200	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500
	5,000	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500
	6,000	500/500	500/500	500/500	500/500	500/500	500/500	500/500	600/1700	500/500	500/500	500/500	600/1700
	7,000	500/500	500/500	500/500	600/1700	500/500	500/500	600/1700	600/1700	500/500	500/500	600/1700	500/500
13,500	4,600	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500	500/500
15,000	5,000	500/500	500/500	500/500	500/500	500/500	500/500	500/500	750/1600	500/500	500/500	500/500	750/1600
	6,000	500/500	500/500	500/500	750/1600	500/500	500/500	500/500	750/1600	500/500	500/500	600/1700	750/1600
	7,000	500/500	500/500	500/500	750/1600	500/500	500/500	600/1700	500/500	500/500	600/1700	600/1700	500/500

The above table referes to the dimension of square PAD's incoprorated in slab (i.e. width / depth)

1) 400 square pad footings can be substituted with 450 diameter;

2) 500 square pad footings can be substituted with 600 diameter;

3) All other dimensions are suitable fo both square or round holes.

FOOTING SCHEDULE - Independent PAD's only

Max Span (mm)	Max Eave Height (mm)	TC 3 Max Bay Spacing (mm)				TC 2.5 Max Bay Spacing (mm)				TC 2 Max Bay Spacing (mm)			
		3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000
6,000	3,000	300/700	300/700	300/800	375/800	300/700	300/700	300/800	375/900	300/700	300/800	300/900	375/900
	3,600	300/700	300/700	300/800	375/900	300/700	300/800	300/900	375/900	300/800	300/800	300/900	375/900
	5,000	300/800	300/800	300/900	375/1000	300/800	300/900	300/1000	375/1000	300/900	300/900	300/1000	375/1100
7,500	3,000	300/700	300/700	375/800	375/900	300/700	300/800	375/800	375/900	300/800	300/800	375/800	375/900
	3,600	300/700	300/800	375/800	375/900	300/800	300/800	375/800	375/900	300/800	300/800	375/900	375/1000
	4,200	300/700	300/800	375/800	375/900	300/800	300/800	375/900	375/1000	300/800	300/900	375/900	375/1000
	5,000	300/800	300/800	375/900	375/1000	300/800	300/900	375/900	375/1000	300/900	300/900	375/1000	375/1100
8,000	7,000	300/900	300/1000	375/1000	450/1100	300/1000	300/1000	375/1100	450/1100	300/1000	375/1000	375/1100	600/1700
9,000	3,600	300/700	375/800	375/800	450/900	300/800	375/800	375/900	450/900	300/800	375/800	375/900	450/1000
	4,200	300/800	375/800	375/900	450/900	300/800	375/800	375/900	450/1000	300/800	375/800	375/900	450/1000
	5,000	300/800	375/800	375/900	450/900	300/800	375/900	375/900	450/1000	300/900	375/900	375/1000	450/1100
9,500	6,000	300/800	375/900	375/900	450/1000	300/900	375/900	375/1000	450/1100	300/1000	375/1000	375/1100	600/1700
10,500	4,200	375/700	375/800	375/900	450/900	375/800	375/800	375/900	450/1000	375/800	375/900	450/900	450/1000
	5,000	375/800	375/800	375/900	450/1000	375/800	375/900	450/900	450/1000	375/900	375/900	450/1000	450/1100
12,000	4,200	375/800	375/800	450/900	600/900	375/800	375/900	450/900	600/900	375/800	375/900	450/900	600/1000
	5,000	375/800	375/900	450/900	600/900	375/800	375/900	450/900	600/1000	375/900	375/1000	450/1000	600/1000
	6,000	375/800	375/900	450/900	600/900	375/900	375/900	450/1000	600/1700	375/900	375/1000	450/1000	600/1700
	7,000	375/900	375/900	450/1000	600/1700	375/900	375/1000	600/1700	600/1700	375/1000	375/1100	600/1700	n/a
13,500	4,600	375/800	450/800	450/900	600/900	375/900	450/900	450/1000	600/1000	375/900	450/900	450/1000	600/1000
15,000	5,000	375/800	450/900	450/900	600/1000	375/900	450/900	600/900	750/1600	375/900	450/1000	600/900	750/1600
	6,000	375/900	450/900	600/900	750/1600	375/900	450/900	600/900	750/1600	375/1000	450/1000	600/1700	750/1600
	7,000	375/900	450/900	600/900	750/1600	375/1000	450/1000	600/1700	n/a	375/1000	600/1700	600/1700	n/a

The above table referes to the hole dimension of footing PAD's required (i.e. diameter / depth)

Fully braced bay:
Cross bracing set is applied to eave side wall bay, the corresponding roof bay and the opposing eave side wall or high side wall in respect to skillions (i.e., 1 bay across the whole shed). No cross bracing is required on gable/skillion end walls.

Where Strap Bracing 25 x 0.8 mm is supplied

Max Span (mm)		Minimum bracing required	Conditions where additional bays will require bracing
From	To		
0	6,000	No require bracing	No require bracing
6,001	9,000	Where total number of bays <= 5 Minimum of 1 bay fully braced bay that is located adjacent to an end wall.	Where total number of bays >= 6 or more bays Minimum of 2 bays fully braced, commencing the bracing at an end wall bay following with fully braced bay/s every fifth subsequent bay.
9,001	12,000	Number of bays <= 5 Minimum of 2 bay fully braced bays that is located adjacent to an end wall following with bracing in the next adjacent bay.	Number of bays >= 6 or more bays Minimum of 2 bay fully braced bays that is located adjacent to an end wall following with fully braced bay/s every fifth subsequent bay.
12,001	15,000	Number of bays <= 5 Minimum of 3 bay fully braced	Number of bays >= 6 or more bays Minimum of 3 bay fully braced bays that is located adjacent to an end wall following with the remaing bays spread across the remaining six bays. Additionial fully braced bay/s will be required for every fifth bay subsequent to the intial six bays.

Please note that relocation of bracing where openings or accessories would prohibit the bracing being installed are as per the ***bracing exceptions relocation examples*** below.

Where 30 mm channel bracing is supplied

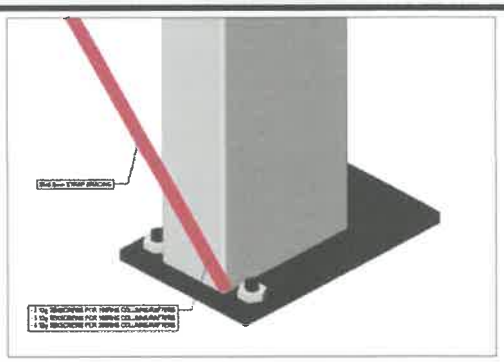
Max Span (mm)		Minimum bracing required	Conditions where additional bays will require bracing
From	To		
9,000.0	15,000	Where total number of bays <= 5 & Eave Height is up to 5,000 mm Minimum of 1 bay fully braced bay with 30 mm channel bracing	Where total number of bays >= 6 or more bays Minimum of 1 bay fully braced bay with 30 mm channel bracing following with fully braced bay/s every fifth subsequent bay.
15,000.1	13,500	Where total number of bays <= 5 & Eave Height is up to 7,000 mm Minimum of 2 bay fully braced bay with 30 mm channel bracing	Where total number of bays >= 6 or more bays Minimum of 2 bay fully braced bay with 30 mm channel bracing following with fully braced bay/s every fifth subsequent bay.

Strap bracing fixings:

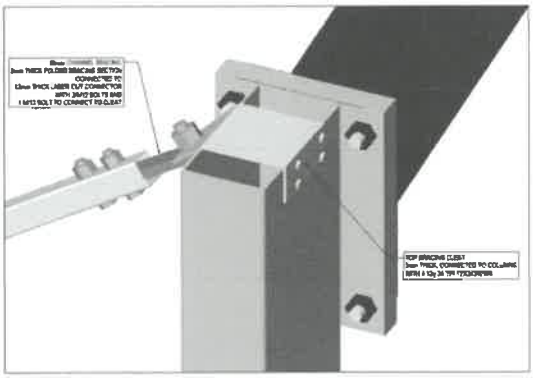
1 ***Stap bracing fixing is as per the following:***

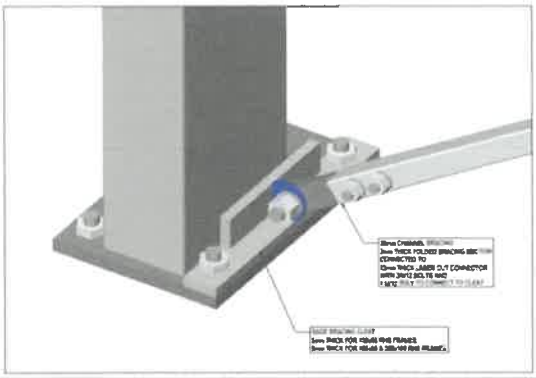
Tex Screw fixing required for frame type:

1) RHS 150 x 50 requires 2 x 12 g Tex Screws; or
2) RHS 185 x 65 requires 2 x 12 g Tex Screws; or
3) RHS 200 x 100 requires 4 x 12 g Tex Screws.



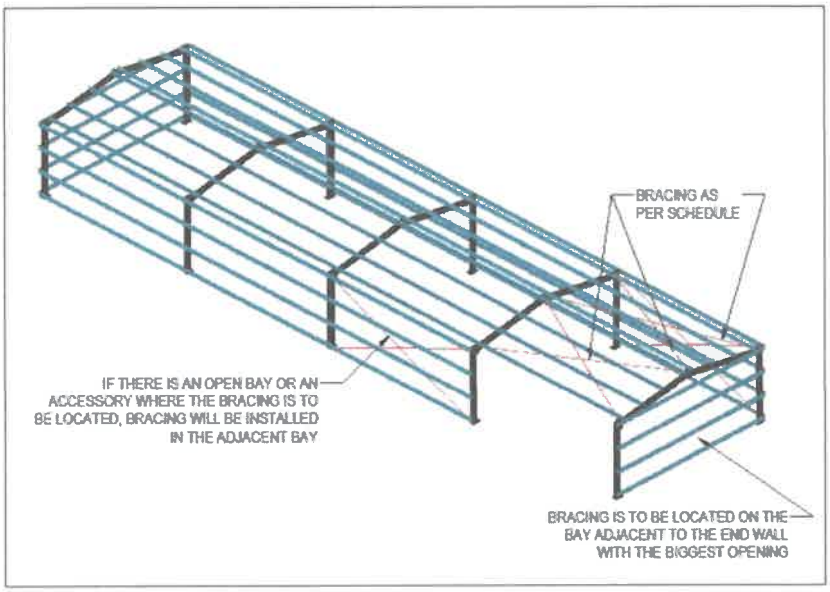
2 ***30mm bracing channel bracing fixing is as per the following:***



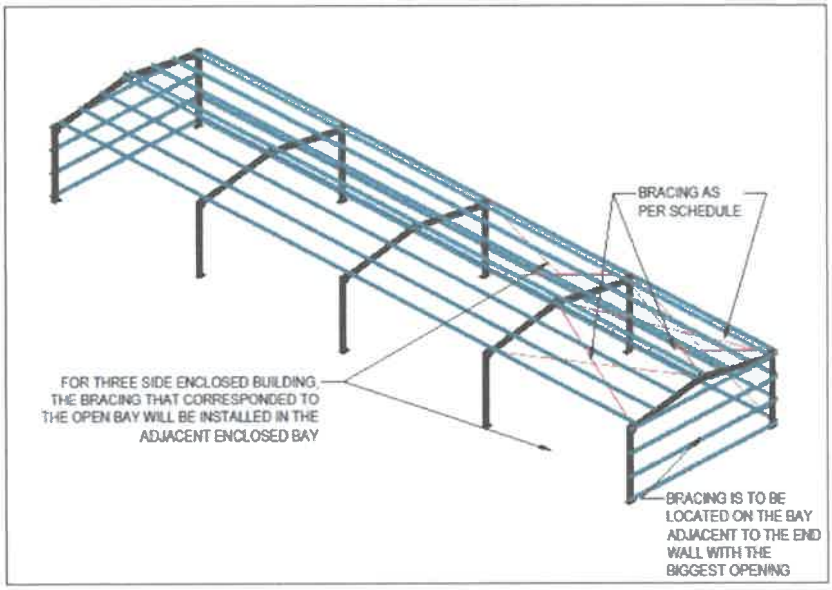


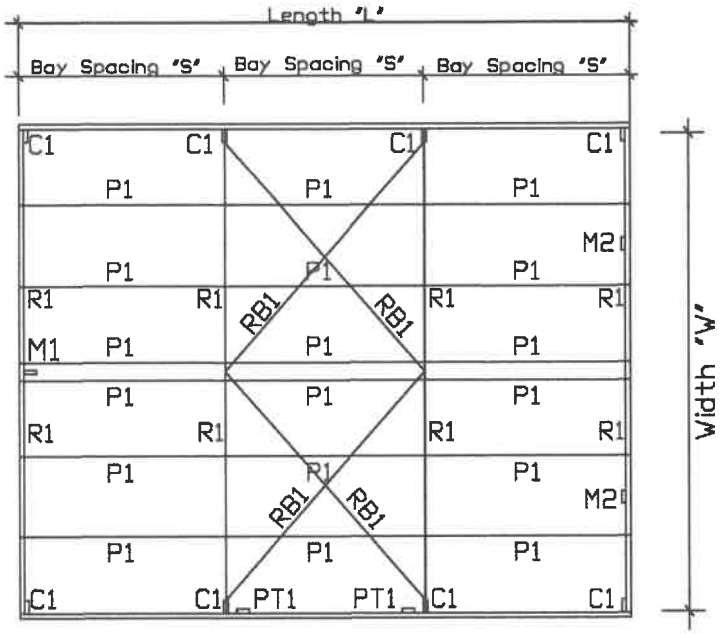
Bracing relocation examples:

1 ***Where a wall is open or accessory exists in the bay which requires bracing, bracing will be relocated to the adjacent bay as illustrated in the following drawing:***



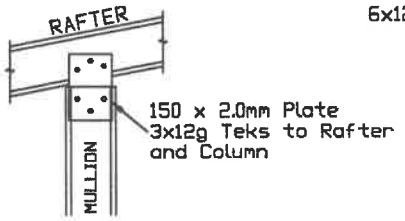
2 ***Where the one side of the entire building has open walls the bracing will be relocated to the adjacent bay as illustrated in the following drawing:***





ROOF FRAMING PLAN

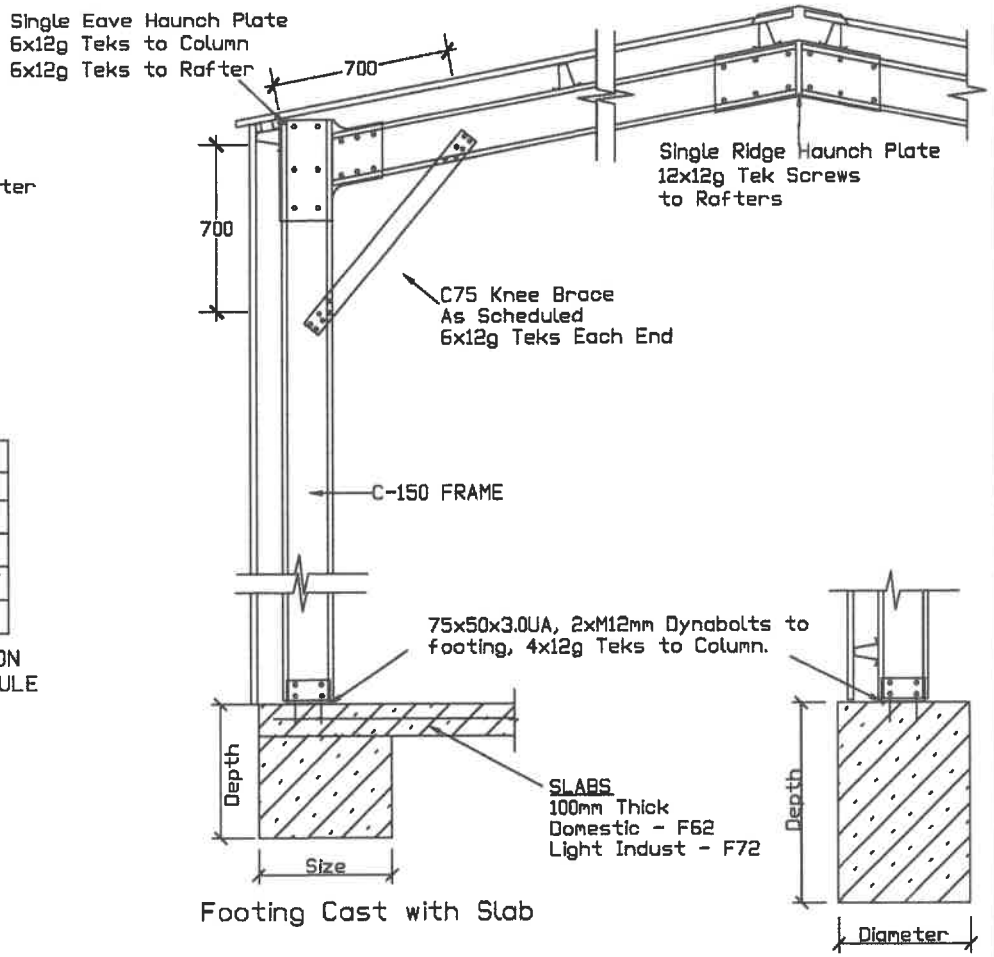
Note: Mullion M1 only required for width greater than 4500



RAFTER TO MULLION

C1	COLUMN
M1/M2	MULLION
R1	RAFTER
RB1	BRACING
P1	PURLIN/GIRT
PT1	DOOR POST

NOTE: BRACING LOCATION AS PER MEMBER SCHEDULE



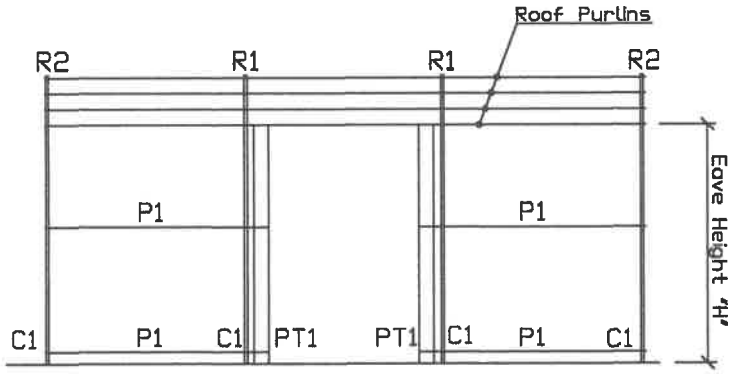
Footing Cast with Slab

Independent Footing

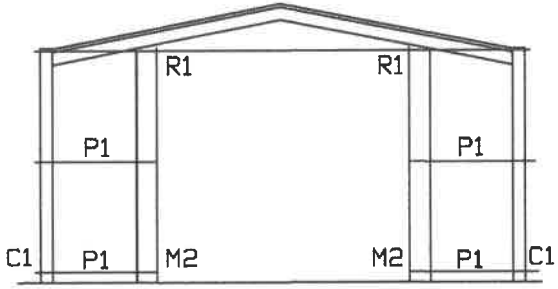
FRAME SECTION

Note: Footings to be built as per dimensions shown in member schedule

Note: Footing cast with slab can be substituted to the independent



SIDE WALL FRAMING (DOOR AS OPTION)



END WALL FRAMING (DOOR AS OPTION)

PROJECT TITLE: Eureka Garages 208 Fairbairn Road LOCATION: Sunshine West	SHEET CONTENT: Framing and Details for Gable Garage C-150 Section	DESIGN BY: JM	DRAWN BY: EL	EUREKA Garages & Sheds	SHEET NO. 1 of 1
		SCALES: NTS	DATE: 22/03/21		
		JOB No: GG-CS	Rev AMENDMENTS		

Roof Pitch 11 Degrees

Where Carport is limited to 1 Bay — Single Bay

Max Span (mm)	Max Eave Height (mm)	TC 3 Max Bay Spacing (mm)				TC 2.5 Max Bay Spacing (mm)				TC 2 Max Bay Spacing (mm)			
		3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000
6,000	3,000	A1c	A1c	A2c	A2c	A1c	A1c	A2c	B2c	B1c	B1c	B2c	B2c
	3,600	B1c	B1c	B2c	B2c	B1c	B1c	B2c	B2c	B2c	B2c	B2c	B2c
	5,000	B1c	B1c	B2c	B2c	B1c	B1c	B2c	B2c	B1c	B2c	B2c	B2c
7,500	3,000	B2c	B2c	B2c	B2c	B2c	B2c	B2c	B3c	B2c	B2c	B2c	B3c
	4,200	B2c	B2c	B2c	B3c	B2c	B2c	B2c	D3c	D3c	D3c	D3c	D3c
	5,000	D3c	D3c	D3c	D3c	D3c	D3c	D3c	D3c	D3c	D3c	D3c	D4c
8,000	7,000	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c
9,000	4,200	D3c	D3c	D3c	D4c	D3c	D3c	D3c	D4c	D3c	D3c	D4c	E4c
	5,000	D3c	D3c	D3c	E4c	D3c	D3c	D3c	J4c	J4c	J4c	J4c	J4c
9,500	6,000	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c
10,500	4,200	D3c	D3c	D4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c
	5,000	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c
12,000	4,200	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c
	5,000	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c
	6,000	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J5c
	7,000	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	n/a	n/a	n/a	n/a
13,500	4,600	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J5c	J4c	J4c	J4c	n/a
15,000	5,000	J4c	J4c	J4c	J5c	J4c	J4c	J4c	n/a	n/a	n/a	n/a	n/a
	6,000	J4c	J4c	J4c	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	7,000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Where Carport is 2 or more bays — Multiple Bays

Max Span (mm)	Max Eave Height (mm)	TC 3 Max Bay Spacing (mm)				TC 2.5 Max Bay Spacing (mm)				TC 2 Max Bay Spacing (mm)			
		3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000
6,000	3,000	A1c	A1c	A2c	A2c	A1c	A1c	A2c	A2c	A1c	A1c	A2c	A2c
	3,600	A1c	A1c	A2c	A2c	A1c	A1c	A2c	A2c	A1c	A2c	A2c	B2c
	5,000	B1c	B1c	B2c	B2c	B1c	B1c	B2c	B2c	B1c	B2c	B2c	B2c
7,500	3,000	A2c	A2c	A2c	B2c	A2c	A2c	B2c	B3c	B2c	B2c	B2c	B3c
	4,200	B2c	B2c	B2c	B3c	B2c	B2c	B2c	B3c	B2c	B2c	B2c	B3c
	5,000	B2c	B2c	B2c	B3c	B2c	B2c	B2c	B3c	B2c	B2c	B3c	D4c
8,000	7,000	D3c	D3c	D3c	E3c	D3c	D3c	D3c	E4c	D3c	D3c	D3c	E4c
9,000	4,200	B2c	B2c	B2c	D4c	B2c	B2c	B3c	D4c	B2c	D3c	D4c	E4c
	5,000	B2c	B2c	D3c	E4c	D3c	D3c	D3c	E4c	D3c	D3c	D4c	E4c
9,500	6,000	D3c	D3c	D3c	E4c	D3c	D3c	D4c	E4c	J4c	J4c	J4c	J4c
10,500	4,200	D3c	D3c	D4c	E4c	D3c	D3c	D4c	E4c	D3c	D4c	D4c	J4c
	5,000	D3c	D4c	D4c	E4c	D3c	D4c	D4c	J4c	D3c	J4c	J4c	J4c
12,000	4,200	D3c	D4c	E4c	J4c	D4c	D4c	E4c	J4c	J4c	J4c	J4c	J4c
	5,000	E3c	E4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c
	6,000	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J5c
	7,000	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J5c
13,500	4,600	J4c	J4c	J4c	J4c	J4c	J4c	J4c	J5c	J4c	J4c	J4c	n/a
15,000	5,000	J4c	J4c	J4c	J5c	J4c	J4c	J4c	n/a	J4c	J4c	J5c	n/a
	6,000	J4c	J4c	J4c	J5c	J4c	J4c	J5c	n/a	J4c	J4c	J5c	n/a
	7,000	J4c	J4c	J4c	n/a	J4c	J4c	J5c	n/a	n/a	n/a	n/a	n/a

The above table details the engineering requirements represented as a code and referred to as follow:

Item 1 = Capital Letter — **Frame sections**

A	150 x 50 x 2.0mm RHS
B	150 x 50 x 3.0mm RHS
D	150 x 50 x 4.0mm RHS
E	185 x 65 x 3.0mm RHS
J	200 X 100 X 4.0mm RHS

Item 2 = Number — **Eave and Apex connections**

1	Double Bracket Connection
2	Single haunch plate eave connection with double C7510 knee brace and double haunch plate apex connection or Upgrade to welded 12 mm thick end plates 12mm bolted connections.
3	Welded 12mm thick end plates with12mm bolted connections
4	Welded 12mm thick end plates with 16mm bolted connections
5	Welded 12mm thick end plates with 16mm Grade 10.9 bolted connections

Item 3 = Lower case letter — **Base connection and fixing**

c	Columns cast in 450 mm into slab / pads or RHS Extensions with welded base plates

Roof Purlins and Wall Girts are resolved to the code relating to the Eave and Apex connections as follow:

Code	Section	Lapped Spans
1	75 x 0.75mm Top hat	For bay spacings up to 3.6m
2	75 x 1.0mm Top hat	For bay spacings up to 4.5m
3	120 x 1.0mm Top hat	For bay spacings up to 6m

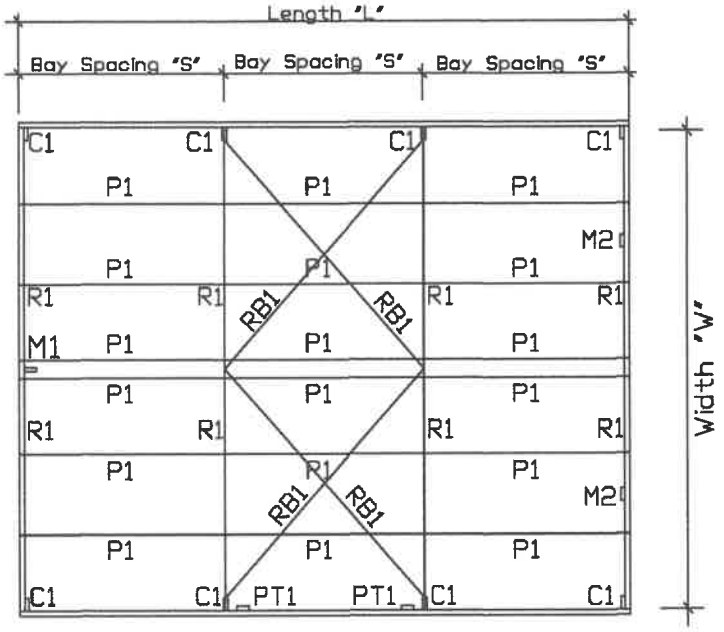
Max spacings are set to the following:

Max roof purlin spacing	1,200 mm
Max wall girt spacing	1,350 mm

Carport *do not require bracing* but *must* have portal columns cast-in to footing at a *minimum depth of 450 mm or* RHS Extentions with Welded base plate.

FOOTING SCHEDULE - Independent PAD's

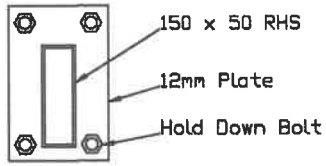
Max Span (mm)	Max Eave Height (mm)	TC 3 Max Bay Spacing (mm)				TC 2.5 Max Bay Spacing (mm)				TC 2 Max Bay Spacing (mm)			
		3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000	3,000	3,600	4,500	6,000
6,000	3,000	300/900	300/900	300/1000	375/1000	300/900	300/1000	375/1000	375/1100	300/900	300/1000	375/1000	375/1100
	3,600	300/900	300/900	300/1000	375/1000	300/900	300/1000	375/1000	375/1100	300/1000	300/1000	375/1000	375/1100
	5,000	300/900	300/1000	300/1000	375/1100	300/1000	300/1000	375/1000	375/1100	300/1000	300/1000	375/1100	375/1200
7,500	3,000	300/1000	375/1000	375/1100	450/1100	300/1000	375/1000	375/1100	450/1100	300/1100	375/1100	375/1100	450/1200
	4,200	300/1000	375/1000	375/1100	450/1100	300/1000	375/1000	375/1100	450/1100	300/1100	375/1100	375/1100	450/1200
	5,000	300/1000	375/1000	375/1100	450/1100	300/1100	375/1000	375/1100	450/1200	300/1100	375/1100	375/1200	450/1200
8,000	7,000	300/1100	375/1000	375/1100	450/1200	300/1100	375/1100	375/1200	450/1200	300/1200	375/1200	375/1200	450/1300
9,000	4,200	375/1000	375/1100	375/1200	450/1200	375/1100	375/1100	375/1200	450/1300	375/1100	375/1200	450/1200	450/1300
	5,000	375/1000	375/1100	375/1200	450/1200	375/1100	375/1100	375/1200	450/1300	375/1100	375/1200	450/1200	450/1300
9,500	6,000	375/1100	375/1100	450/1100	450/1300	375/1100	375/1200	450/1200	450/1300	375/1200	375/1200	450/1300	600/1300
10,500	4,200	375/1100	375/1200	450/1200	600/1200	375/1200	375/1200	450/1300	600/1300	375/1200	375/1300	450/1300	600/1300
	5,000	375/1100	375/1200	450/1200	600/1200	375/1200	375/1200	450/1300	600/1300	375/1200	375/1300	450/1300	600/1300
12,000	4,200	375/1200	450/1200	450/1300	600/1300	375/1300	450/1300	450/1400	600/1400	375/1300	450/1300	450/1400	600/1400
	5,000	375/1200	450/1200	450/1300	600/1300	375/1300	450/1300	450/1400	600/1400	375/1300	450/1300	450/1400	600/1400
	6,000	375/1200	450/1200	450/1300	600/1300	375/1300	450/1300	450/1400	600/1400	375/1300	450/1300	450/1400	600/1500
	7,000	375/1200	450/1200	450/1300	600/1300	375/1300	450/1300	450/1400	600/1400	375/1400	450/1400	600/1300	600/1500
13,500	4,600	450/1200	450/1300	600/1300	600/1400	450/1300	450/1400	600/1400	600/1500	450/1400	450/1400	600/1400	n/a
15,000	5,000	450/1300	600/1300	600/1400	600/1500	450/1400	600/1300	600/1500	n/a	450/1400	600/1400	600/1500	n/a
	6,000	450/1300	600/1300	600/1400	600/1500	450/1400	600/1300	600/1400	n/a	450/1500	600/1400	600/1500	n/a
	7,000	450/1300	600/1300	600/1400	n/a	450/1400	600/1300	600/1400	n/a	n/a	n/a	n/a	n/a



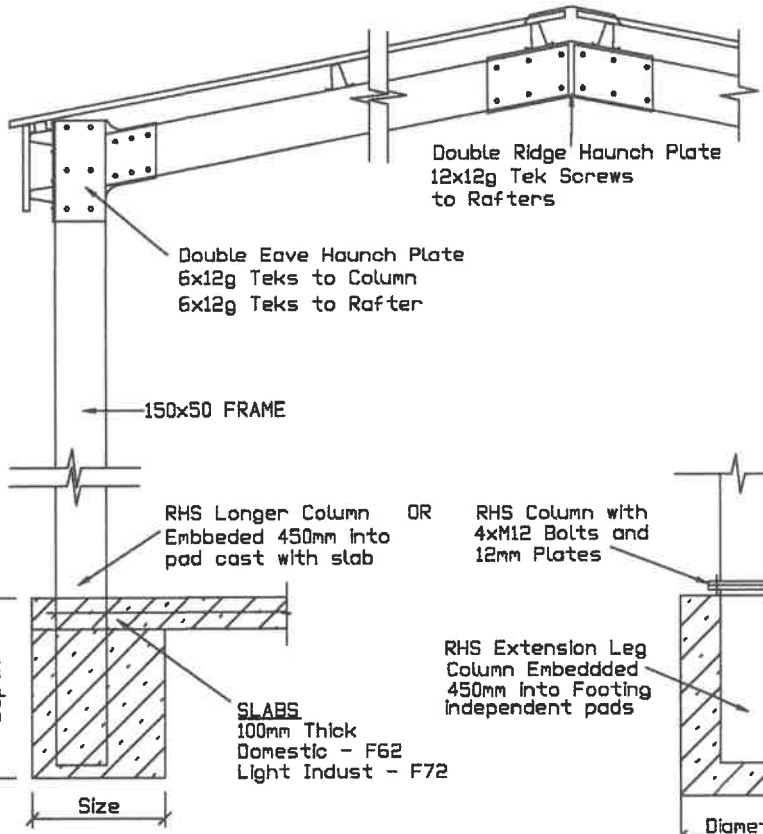
ROOF FRAMING PLAN

C1	COLUMN
R1	RAFTER
RB1	BRACING
P1	PURLIN

NOTE: BRACING LOCATION AS PER MEMBER SCHEDULE



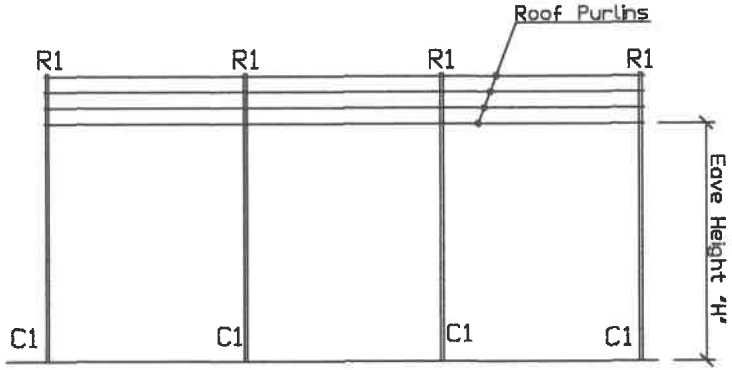
RHS BASE



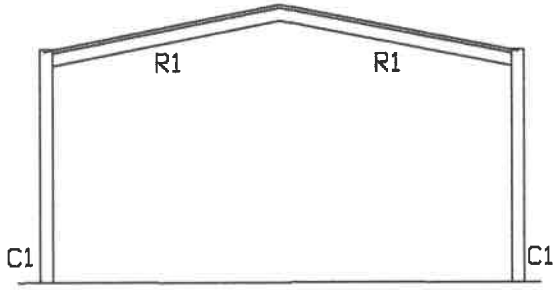
Footing Cast with Slab

Independent Footing

FRAME SECTION



SIDE WALL FRAMING

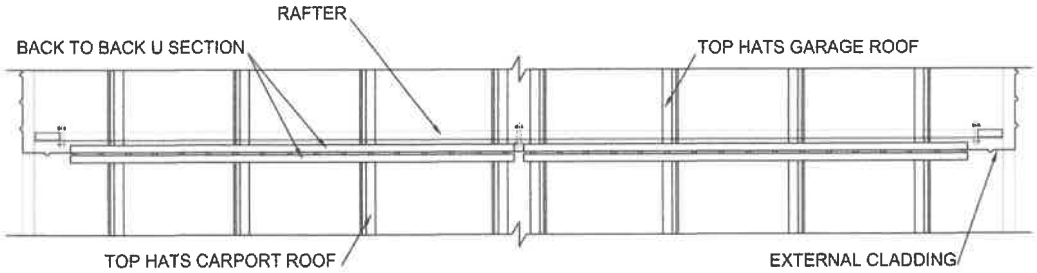


END WALL FRAMING

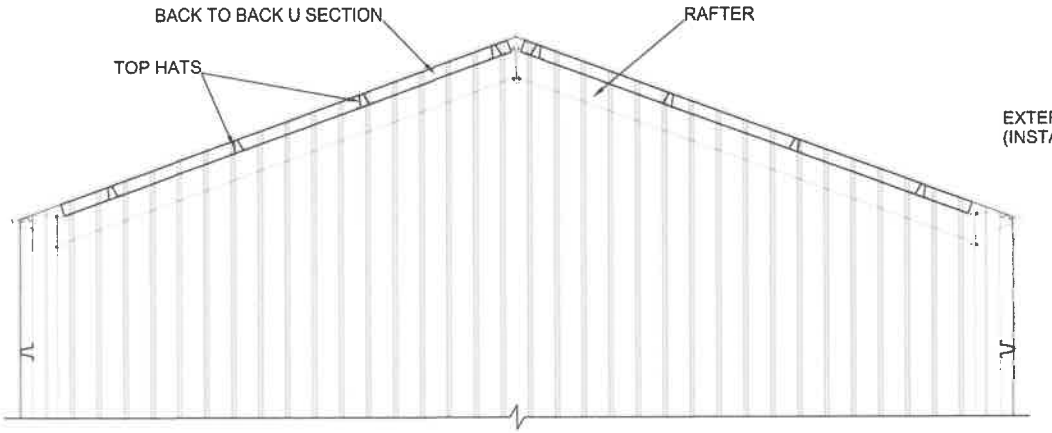
Note: Footings to be built as per dimensions shown in member schedule

Note: Footing cast with slab can be substituted to the independent

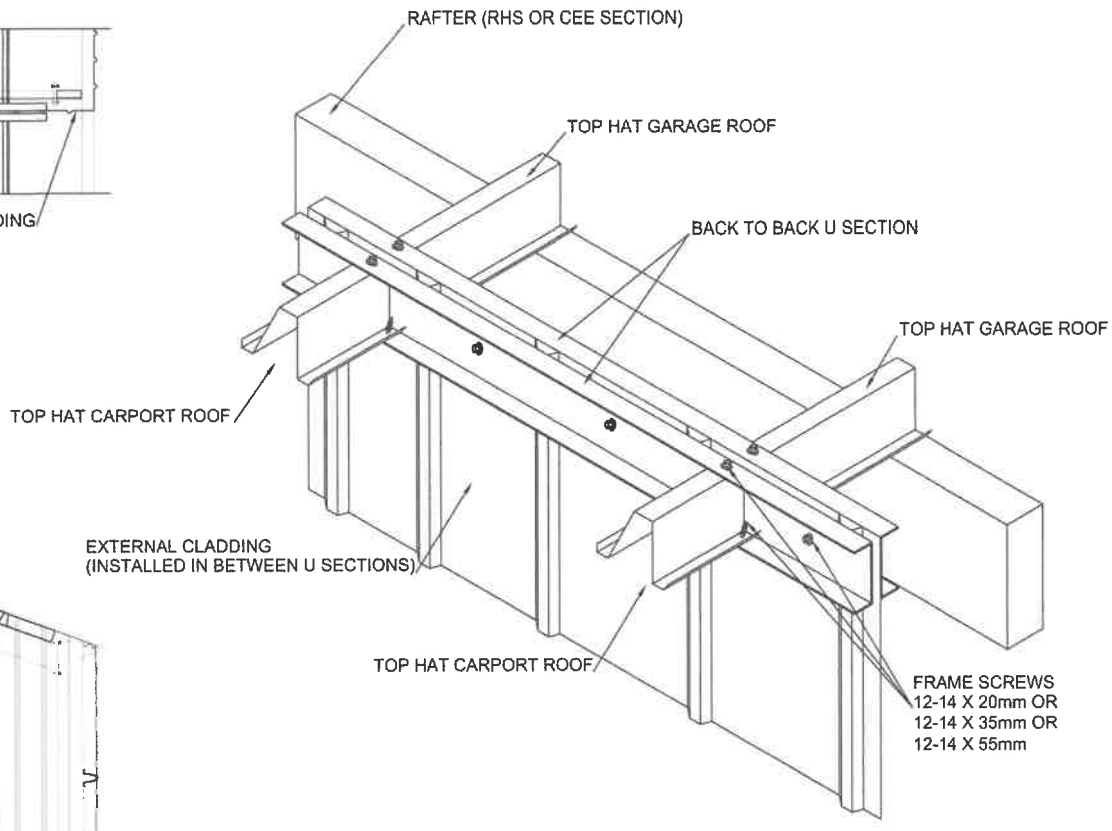
PROJECT TITLE: Eureka Garages 208 Fairbairn Road Sunshine West	SHEET CONTENT: Framing and Details for RHS Gable Carport Double Haunched Connection	DESIGN BY: JM	DRAWN BY: EL	EUREKA Garages & Sheds	SHEET NO. 1 of 1
		SCALES: NTS	DATE: 22/03/21		
		JOB No: GC-H-RHS-1	No: AMENDMENTS		



PLAN VIEW - GARAGE/CARPORT GABLE WALL



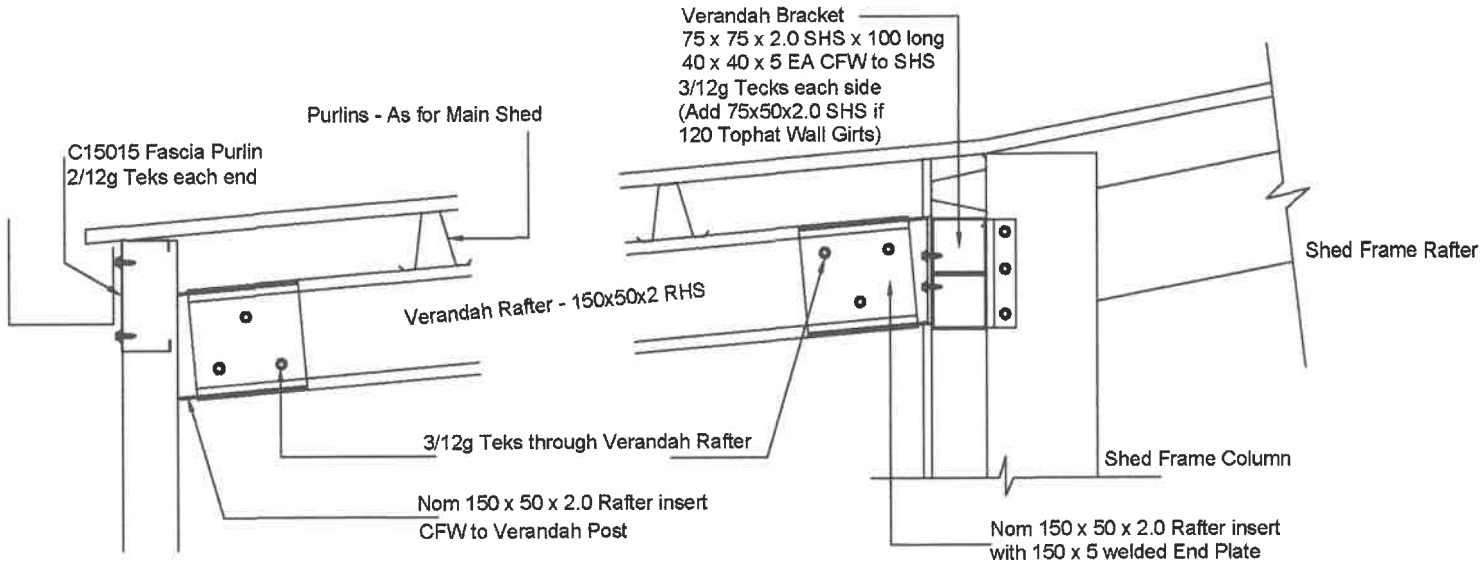
FRONT VIEW - GARAGE/CARPORT GABLE WALL

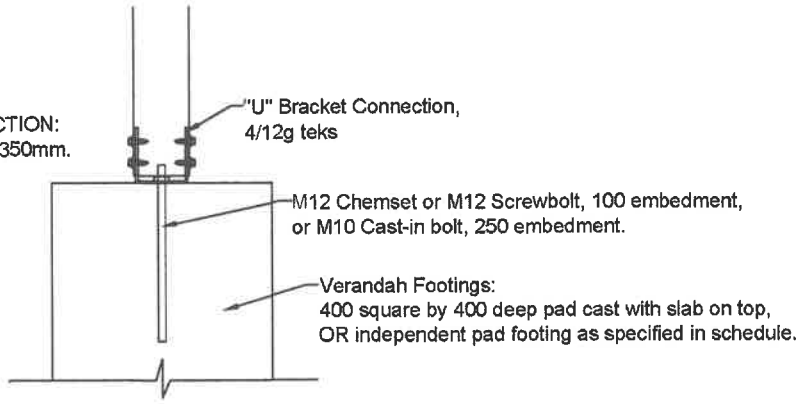


U SECTION - TOP HAT CONNECTION DETAIL

PROJECT TITLE: Eureka Garages 208 Fairbairn Road LOCATION Sunshine West	SHEET CONTENT: Back to Back U section - Top Hat Standard Connection for Garage/Carport	DESIGN BY: CP	DRAWN BY: EL	EUREKA Garages & Sheds eurekagarages.com.au	SHEET NO 1 SHT OF 1
		SCALES: NTS	DATE: 15/01/20		
		JOB No.: SGC001		No AMMENDMENTS	

Verandah Drawings & Member Schedule - File Reference VD66 - Page1 of 2





NOTES:
1) For verandah rafter spans up to half of the main shed span, the footings for the main shed frame columns which are taking verandah loads are to be increased in diameter by 75mm and increased in depth 100mm.
2) For verandah rafter spans up to 2/3 of the main shed span, the footings for the main shed frame columns which are taking verandah loads are to be increased in diameter by 150mm and increased in depth 200mm.
4) Maximum verandah eave height is 6000mm.
5) Verandah purlins are to be the same as for the main shed.
6) This drawing is to be read in conjunction with the shed verandah schedule.

DESIGN BY: JM

PROJECT TITLE: Eureka Garages 208 Fairbairn Road. LOCATION: Sunshine West.	SHEET CONTENT: Framing and Details for Shed Verandahs 150x50x2 Rafters, 75x50x2 Columns	DESIGNED BY: JM	DRAWN BY: JM		SHEET No: 1
		SCALES: N.T.S	DATE: 05/04/2016		
		Ref No: VD66			
				No: AMENDMENTS	EUREKA Garages & Sheds

SHED VERANDAH MEMBER SCHEDULE 5/04/2016

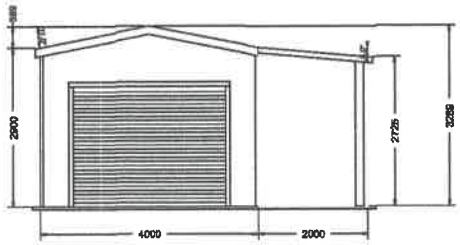
Verandah Rafter Member		TC 3 Max Bay Spacing				TC 2 Max Bay Spacing			
		3	3.6	4.5	6	3	3.6	4.5	6
150x50x2.0 RHS	max span	6600	6300	5800	4900	6200	5600	5000	4300
	verandah pad footing	300/700	300/700	300/800	300/800	300/800	300/800	300/800	300/900
	column type	1	1	1	1	1	1	1	1
150x50x3.0 RHS	max span	7300	6900	6500	6000	7300	6900	6300	5500
	verandah pad footing	300/700	300/700	300/800	375/800	300/800	300/900	300/900	375/900
	column type	1	1	2	2	1	1	1	2
150x50x4.0 RHS	max span	7500	7300	6900	6400	7500	7300	6900	6200
	verandah pad footing	300/700	300/800	375/800	375/800	300/800	300/900	375/900	375/900
	column type	1	1	2	2	1	1	2	2
150x50x5.0 RHS	max span		7500	7200	6700		7500	7200	6700
	verandah pad footing		300/800	375/800	375/900		300/900	375/900	375/1000
	column type		1	2	2		1	2	2
200x100x4.0 RHS	max span			7500	7500			7500	7500
	verandah pad footing			375/800	375/900			375/900	450/1000
	column type			2	2			2	2

Note - Pad footings specified as (diameter/depth)

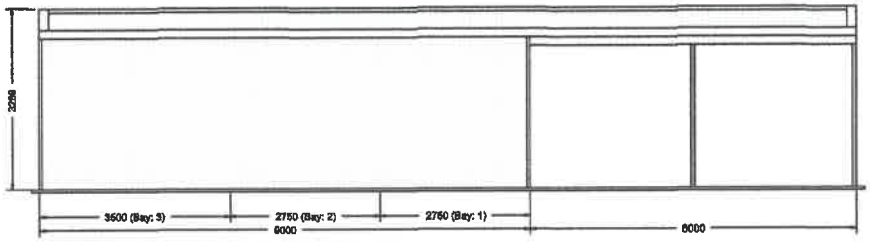
COLUMNS
1 = 75 x 50 x 2.0 RHS
2 = 150 x 50 x 2.0 RHS
Maximum Eave Height = 6000mm

TOPHAT PURLINS AND GIRTS
75 x 0.75mm Tophat
75 x 1.0mm Tophat
120 x 1.0mm Tophat
Max purlin spacing = 1200mm,

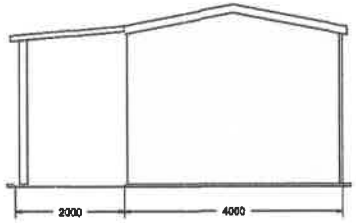
Lapped Spans
For bay spacings up to 3.6m,
For bay spacings up to 4.5m,
For bay spacings up to 6m,



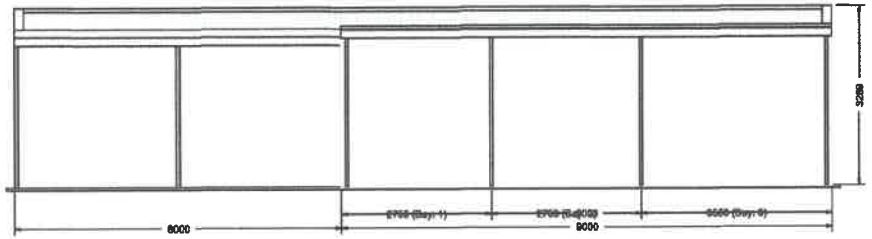
FRONT ELEVATION



LEFT ELEVATION



REAR ELEVATION

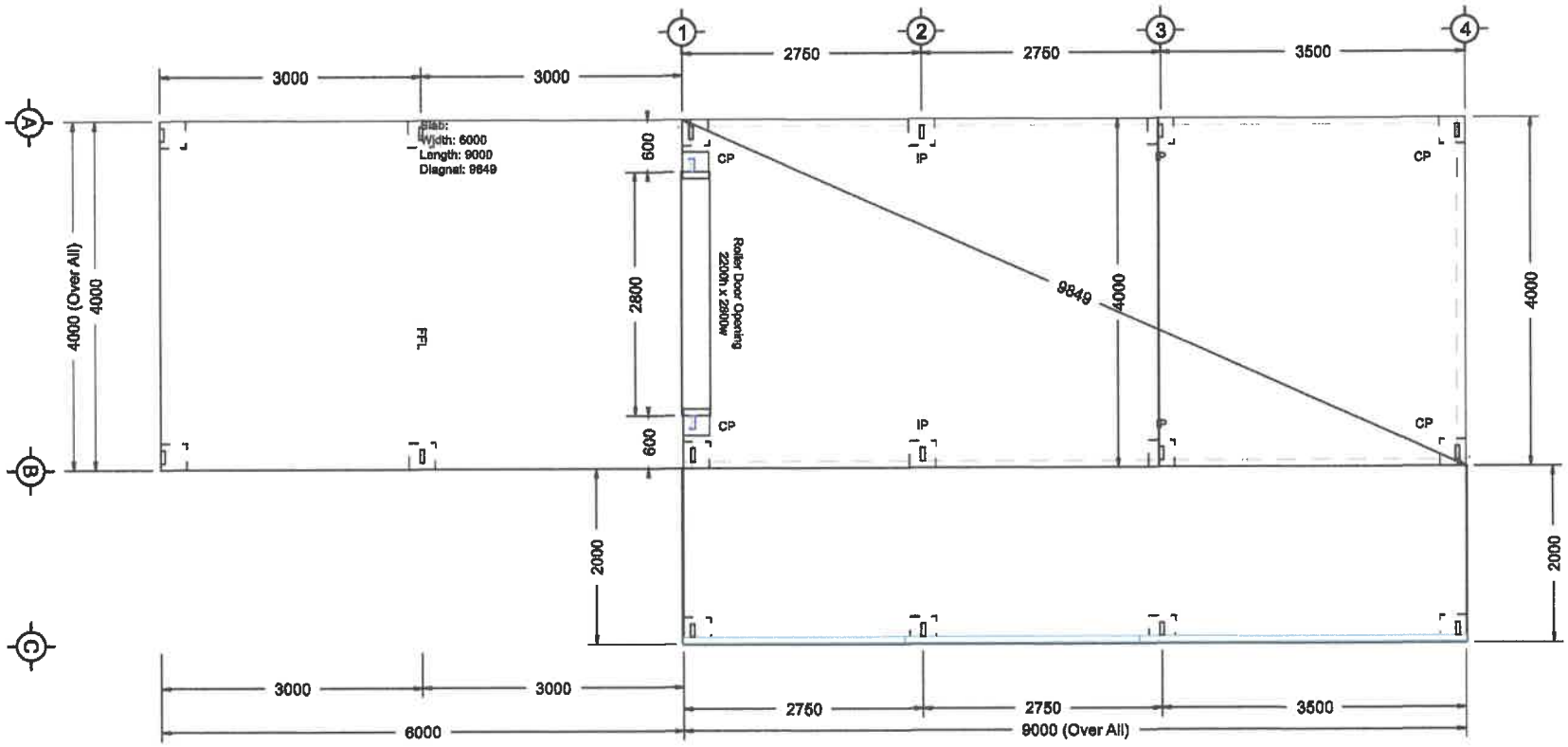


RIGHT ELEVATION

EUREKA Garages & Sheds
208 Fairbairn rd SUNSHINE WEST VIC 3020
Phone: (03) 9314 1245 | Fax: (03) 9314 6640
Email: sales@eurekagarages.com.au

Customer Name:
Site Address:
Phone:
Email:

Job Number:
Drawing Title: Elevations
Scale: 1:131.521
Date :23-02-2024 12:37:44



FLOOR PLAN

EUREKA
Garages & Sheds
208 Fairbairn rd SUNSHINE WEST VIC 3020
Phone: (03) 9314 1245 | Fax: (03) 9314 6640
Email: sales@eurekagarages.com.au

Customer Name:
Site Address:
Phone:
Email:

Job Number:
Drawing Title: Slab Plan
Scale: 1:78.055
Date :23-02-2024 12:38:24

ON BEAM Pty Ltd

115 Lloyds Lane, Napoleons, 3352

Email: admin@onbeam.com.au

Phone: 03 5342 0149

SITE INSTRUCTION

15 March 2024

ON BEAM REF # 2479

EUREKA GARAGES REF # A1673

ADDRESS: 1, Walker St., Wynyard, 7325, TAS

RE: Base Fixings for Carport

For the proposed shed at 1, Walker St., Wynyard, 7325, TAS (Class 10A, 4.0m span, 11-degree gable shed, 9m long shed+6m long carport, 3 bays shed + 2 bay carport, 2.9m eave height, TC2.5), the column base connections for the carport part of the proposed "garaport" structure (part shed / part carport) can be made using 4 x M12 dynabolts (or M12 Chemset) per column. The dynabolts/chemsets are to be fixed to the proposed footing slab which is to be a flat 100mm slab with integrated pad footings which are to be a minimum of 400mm square x 400mm deep.

If you require any further information regarding this matter, please contact our office.

John Mewett, PE0003132

J Mewett

From: Corey Speers
To: Town Planning
Subject: Re: DA 88/2024 - Additional Information Required for Planning Assessment - 1 Walker Street, Wynyard
Date: Monday, 22 April 2024 2:51:29 PM
Attachments: image001.png

Hi Mario, I can confirm that the setback of proposed outbuilding from the rear boundary is 1.5m

I believe I addressed the Performance Criteria (P3) for Clause 8.4.2 to address the fact that the combined shed & carport is to be setback less than 1.5m from the western side boundary in the letter I attached to the application? I have included these again below, but is there more specific information you require?

The new shed, awning and garaport does not have any significant additional impact to sunlight on any habitable room of the dwelling located at 3 Walker Street as indicated on the existing shading and location of rooms.

Overshadowing will be limited to the rear property and in consultation with the property owners we have agreed that the new shed will in fact improve on the visual amenity. The new shed only changes the location of separation between 1 and 3 Walker Street and is consistent with other properties, including at the rear of 1 Walker Street, which has a shed on the boundary.

There is no solar energy installation on 3 Walker Street, and if installed, the new shed will have minimal to no impact due to the distance of shadowing and the possible installation point.

In addition to this, I should have added that the new shed will be of a very similar size and location to the existing shed.

Please let me know if you need anything else.

Kind regards,

Corey Speers
1 Walker Street, Wynyard TAS 7325
Phone 0438802077

On Mon, 22 Apr 2024 at 11:44, Town Planning <townplanner@warwyn.tas.gov.au> wrote:

> Hi Corey,

Please find the attached correspondence regarding planning application DA 88/2024 for an Outbuilding (combined shed and carport) at 1 Walker Street, Wynyard (PID 3073950).

Should you have any further queries, please contact me as per the details below.

Thanks.

Regards,
Mario Ang

Town Planner

Waratah-Wynyard Council,
21 Saunders Street (PO Box 168)
Wynyard, TAS, 7325
P: 03 6443 8308

E: townplanner@warwyn.tas.gov.au

Working Days

M: 7:30 - 5 | TU: 7:30 - 5 | W: 7:30 - 5 | TH: NWD | F: 7:30 - 5

Site Plan
Scale: 1:200

Site Plan

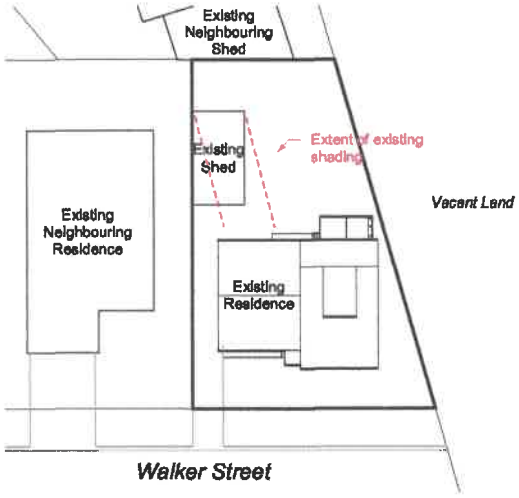
Proposed Extension
C.J. Speers & L.J. Walker
1 Walker Street
Wynyard 7325

Note: 11am time slot omitted, shading confined to roadway only

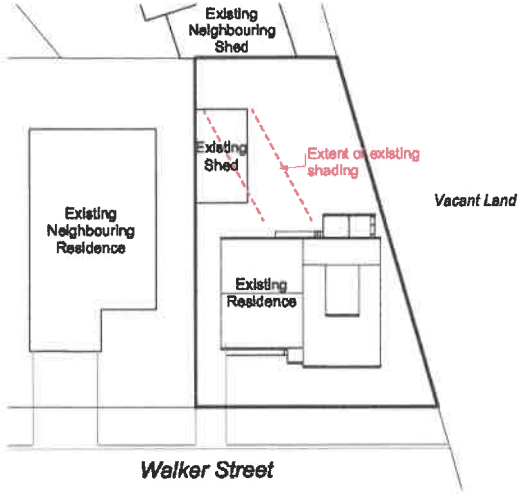
11 Apr - 9am
Scale: 1:500

11 Apr - 10am
Scale: 1:500

11 Apr - 12pm
Scale: 1:500



11 Apr - 1pm
Scale: 1:500



11 Apr - 2pm
Scale: 1:500

11 Apr - 3pm
Scale: 1:500

Shadow Diagram

Proposed Extension
C.J. Speers & L.J. Walker
1 Walker Street
Wynyard 7325