

PLANNING APPLICATION FORM

Section 57 & 58

OFFICE USE
ONLY

Application Number PA2025315

Assess No: A6733

PID No: 6079979

Applicant Name:	Tascad Pty Ltd			
Postal Address:				
Contact Phone:	Home		Work	
Email Address:				

Planning Application Lodgement Checklist

The following documents have been submitted to support the consideration of this application:

1. A current copy of the property title text, folio plan and schedule of easements ☐
2. A completed application form including a detailed description of the proposal ☐
3. A complete plan set: ☐
 - a) Floor plans ☐
 - b) Elevations (from all orientations/sides and showing natural ground level and finished surface level) ☐
 - c) Site Plan showing: ☐
 - Orientation
 - All title boundaries
 - Location of buildings and structure (both existing and proposed)
 - Setbacks from all boundaries
 - Native vegetation to be removed
 - Onsite services, connections and drainage details (including sewer, water and stormwater)
 - Cut and/or Fill
 - Car parking and access details (including construction material of all trafficable areas)
 - Fence details
 - Contours
4. Other: ☐

*If submitting plans in over the counter please ensure they are A3.
All plans must be to scale.*

Application Number: «Application Number»

APPLICANT DETAILS

Applicant Name:

Note: Full name(s) of person(s) or company making the application and postal address for correspondence.

LAND DETAILS

Owner/Authority Name:
(as per certificate of title)

Location / Address:

Title Reference:

Zone(s):

Existing Development/Use:

Existing Developed Area:

DEVELOPMENT APPLICATION DETAILS

Proposed Use:

Residential: ☐

Visitor Accommodation: ☐

Commercial: ☐

Other: ☐

Description of Use:

Development Type:

Building work: ☐

Demolition: ☐

Subdivision: ☐

Other: ☐

Description of development:

New or Additional Area:

Area

Estimated construction cost of the proposed development:

Building Materials:

Wall Type:

Colour:

Roof Type:

Colour:

Application Number: «Application Number»

SUBDIVISION	☐ N/A
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Subdivision creating additional lots ☐

Boundary adjustment with no additional lots created ☐

Number of Lots (existing) :		Number of Lots (proposed) :	
Description:			
If applying for a subdivision which creates a new road(s), please supply three proposed names for the road(s), in order of preference:			
1.			
2.			
3.			

COMMERCIAL, INDUSTRIAL OR OTHER NON-RESIDENTIAL DEVELOPMENT/USE	☐ N/A
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Hours of Operation:	Monday / Friday:		To	
	Saturday:		To	
	Sunday:		To	

Existing Car Parking:	
Proposed Car Parking:	

Number of Employees: <i>(Existing)</i>	
Number of Employees: <i>(Proposed)</i>	

Type of Machinery installed:	
Details of trade waste and method of disposal:	

Application Number: «Application Number»

APPLICANT DECLARATION

Owner: As the owner of the land, I declare that the information contained in this application is a true and accurate representation of the proposal and I consent to this application being submitted and for Council Officers to conduct inspections as required for the proposal,

Name (print)

Signed

Date

Applicant: As the applicant, I declare that I have notified the owner of my intention to make this application and that the information contained in this application is a true and accurate representation of the proposal,

(if not the owner)

Name (print)

Signed

Date

Please Note: If the application involves Crown Land you will need to provide a letter of consent and this form signed by the Minister, or a delegated officer of the Crown with a copy of the delegation.

**Crown
Consent**
(if required)

Name (print)

Signed

Date

**Chief
Executive
Officer**
(if required)

Name (print)

Signed

Date

If the subject site is accessed via a right of way, the owner of the ROW must also be notified of the application.

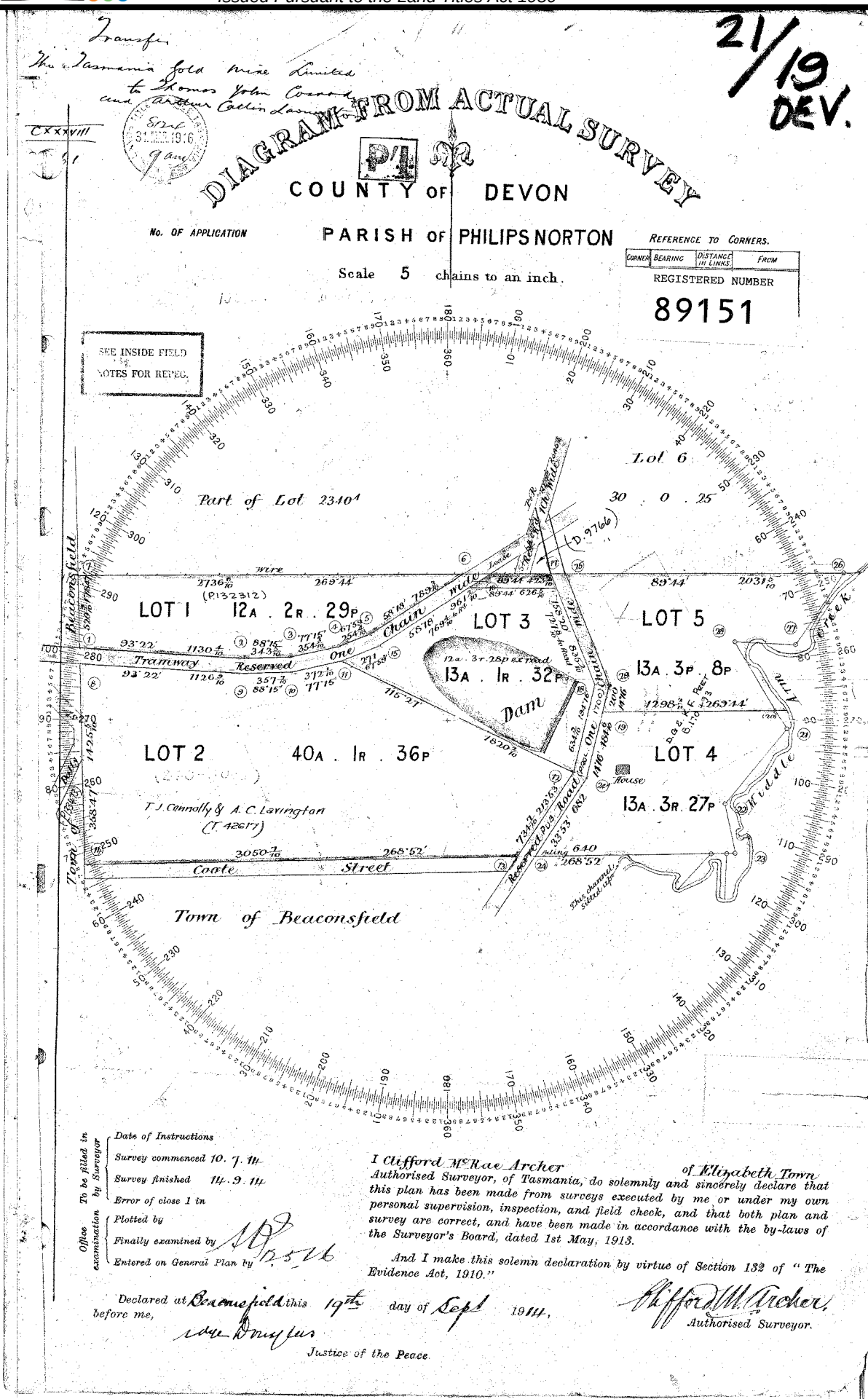
Right of Way Owner:

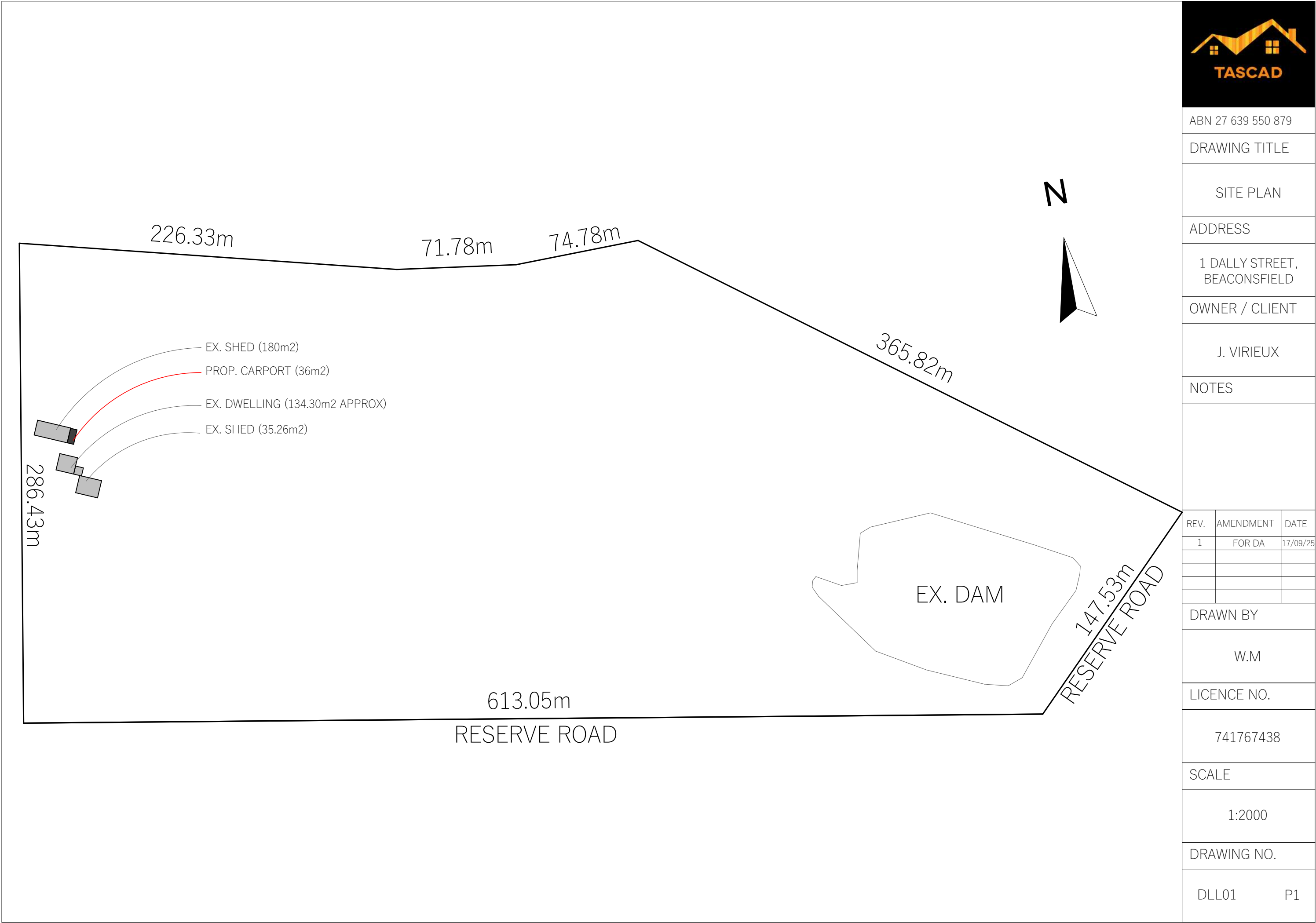
As the applicant, I declare that I have notified the owner of the land encumbered by the Right Of Way, of my intent to lodge this application that will affect their land.

Name (print)

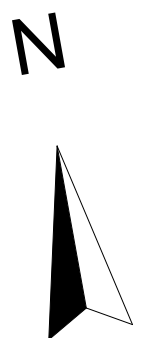
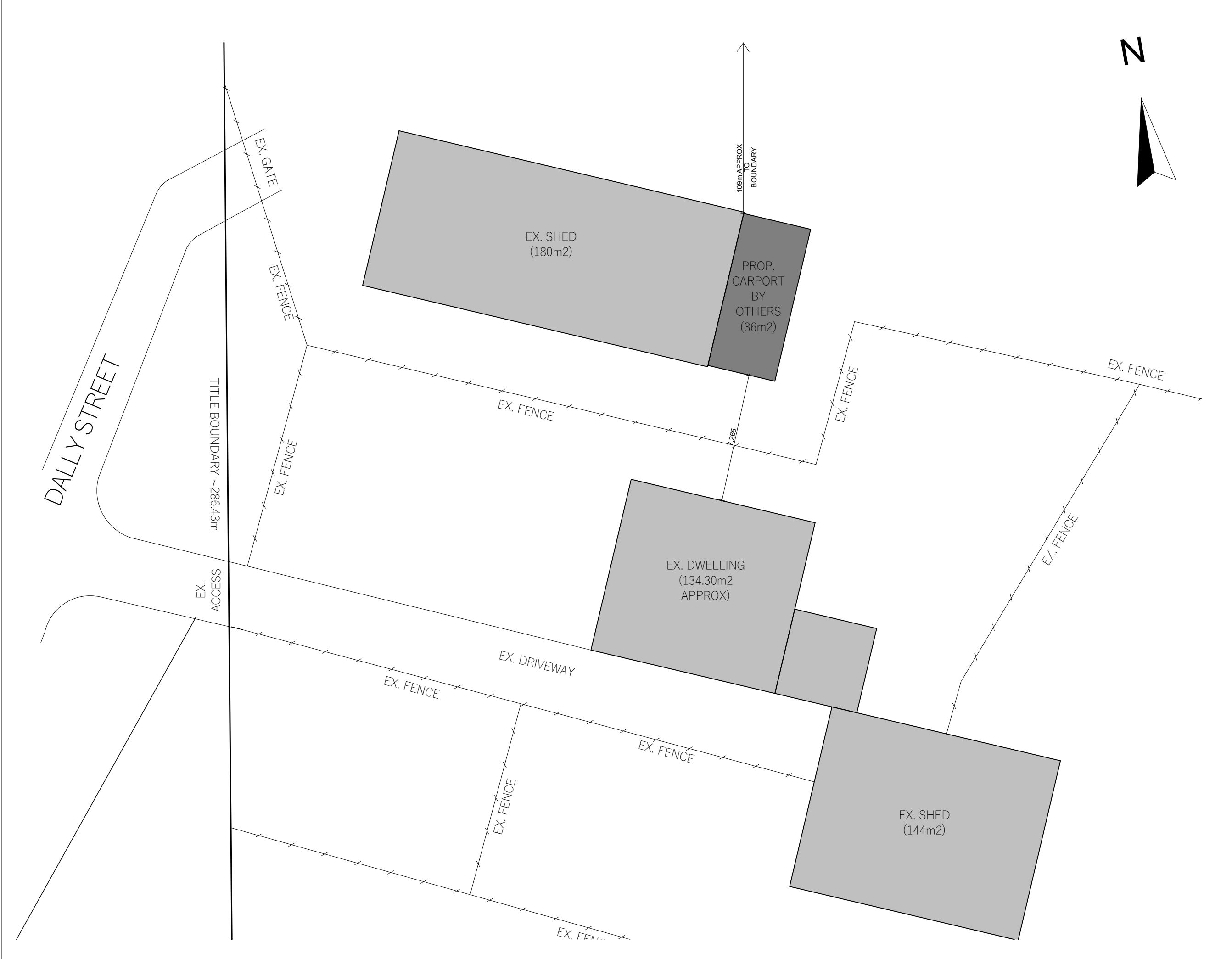
Signed

Date

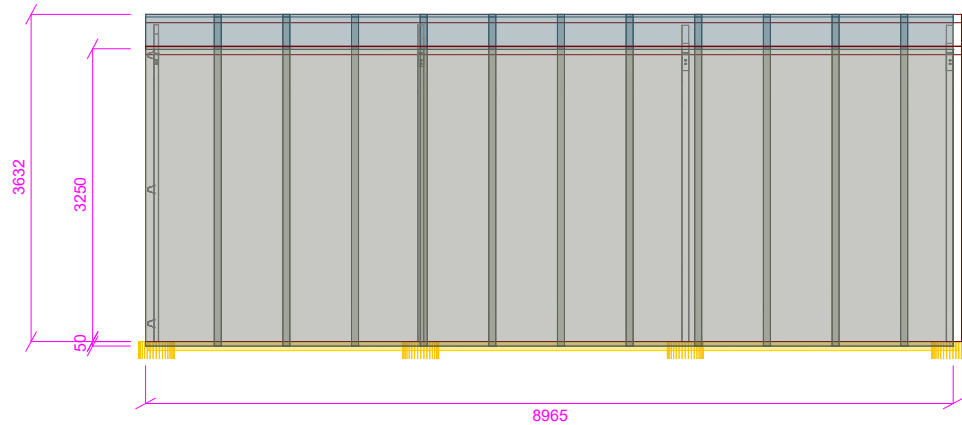




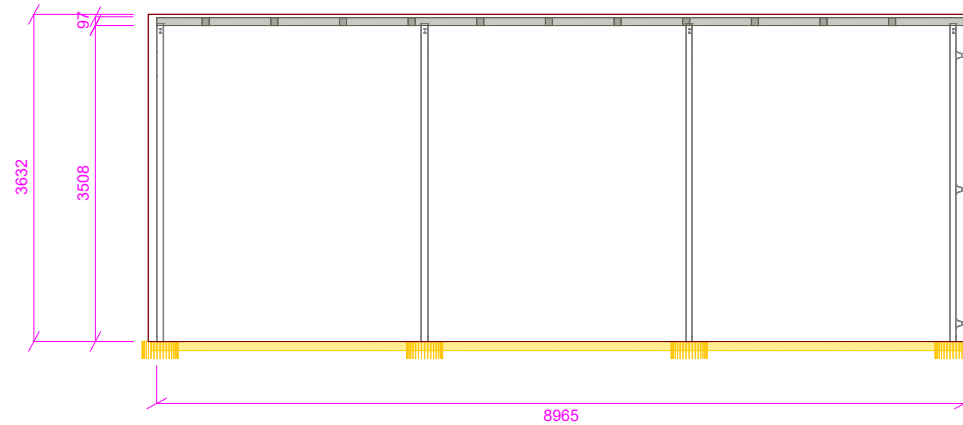
		
ABN 27 639 550 879		
DRAWING TITLE		
SITE PLAN		
ADDRESS		
1 DALLY STREET, BEACONSFIELD		
OWNER / CLIENT		
J. VIRIEUX		
NOTES		
REV.	AMENDMENT	DATE
1	FOR DA	17/09/25
DRAWN BY		
W.M		
LICENCE NO.		
741767438		
SCALE		
1:2000		
DRAWING NO.		
DLL01	P1	



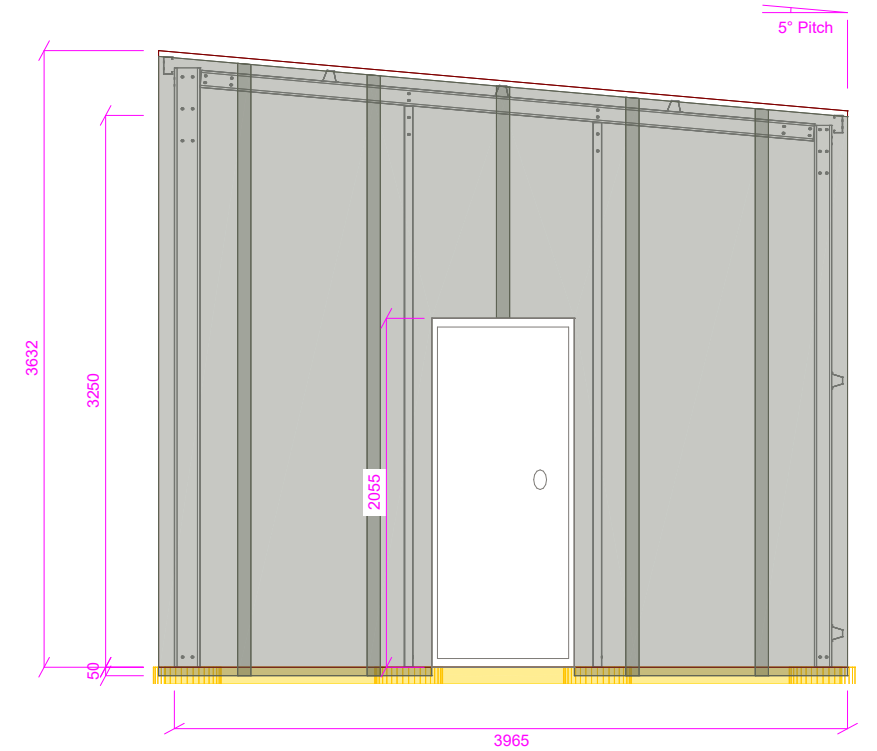
		
ABN 27 639 550 879		
DRAWING TITLE		
, SITE PLAN		
ADDRESS		
1 DALLY STREET, BEACONSFIELD		
OWNER / CLIENT		
J. VIRIEUX		
NOTES		
REV.	AMENDMENT	DATE
1	FOR DA	17/09/25
DRAWN BY		
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LICENCE NO.		
741767438		
SCALE		
1:200		
DRAWING NO.		
DLL01	P2	



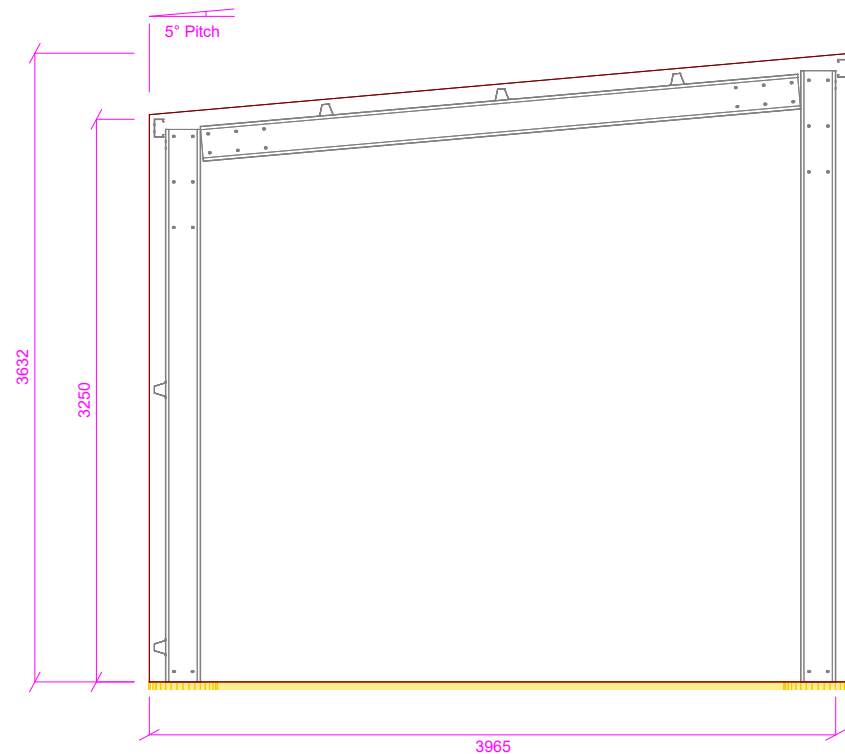
FRONT VIEW



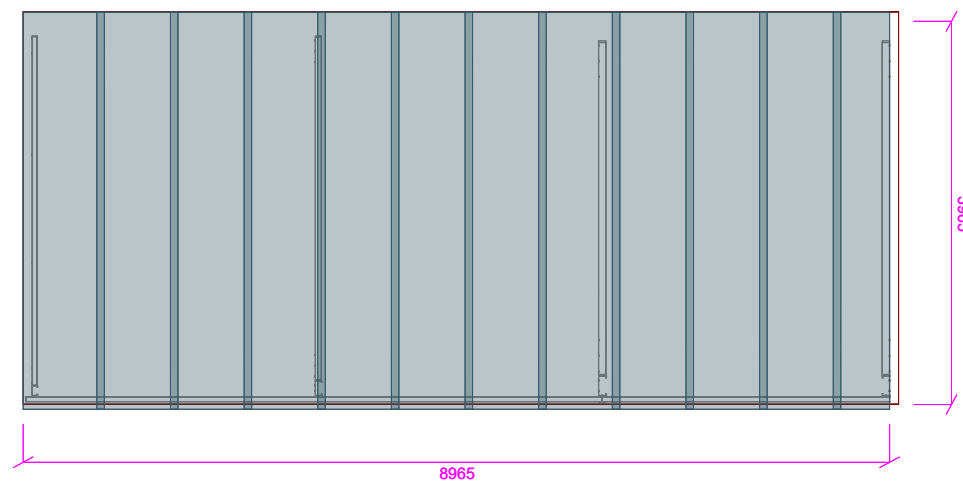
BACK VIEW



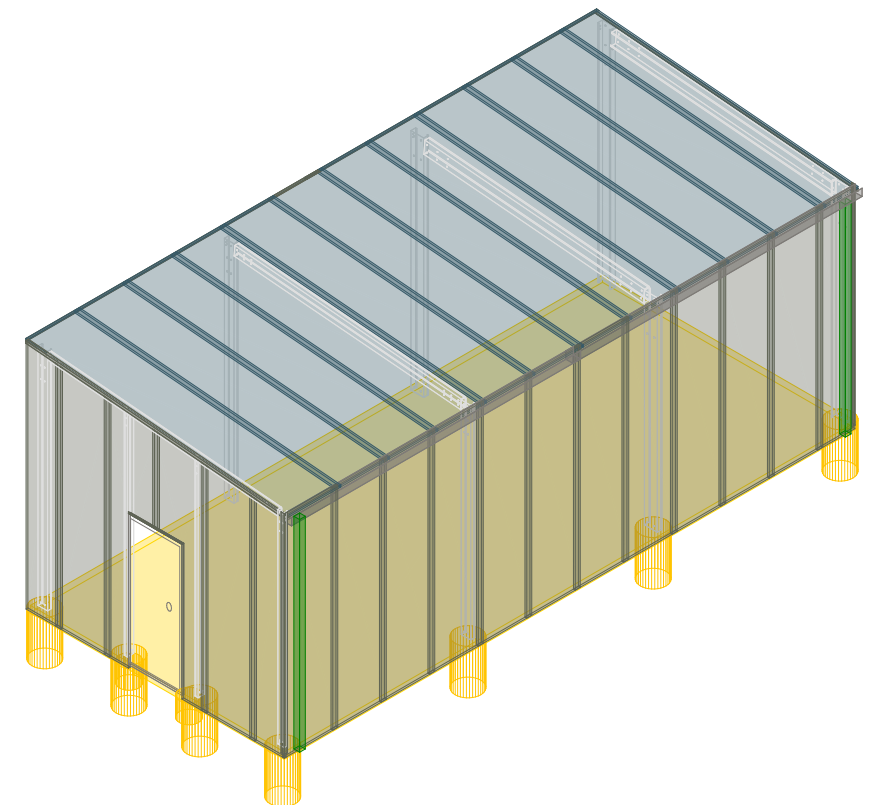
LEFT VIEW



RIGHT VIEW

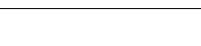


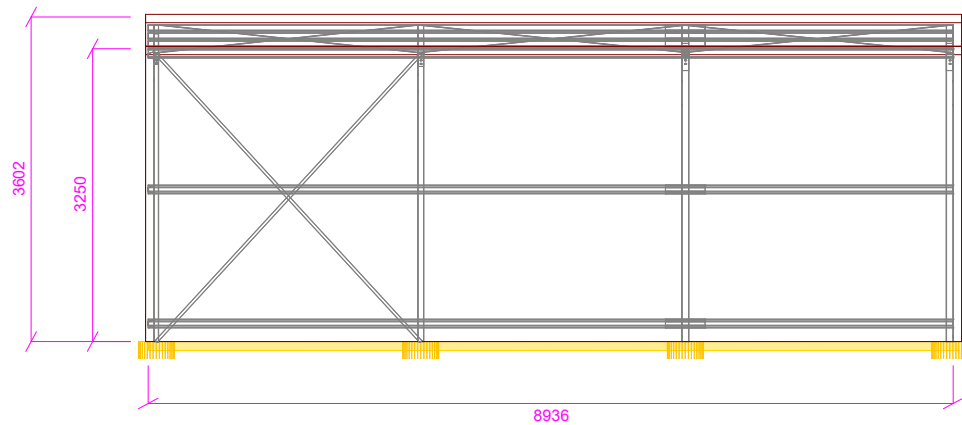
PLAN VIEW



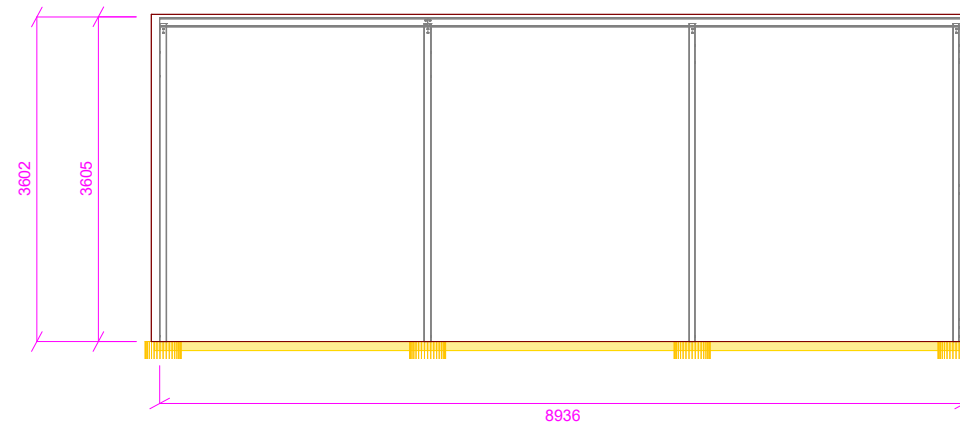
ISO FRONT LEFT VIEW

Elevation Multiview

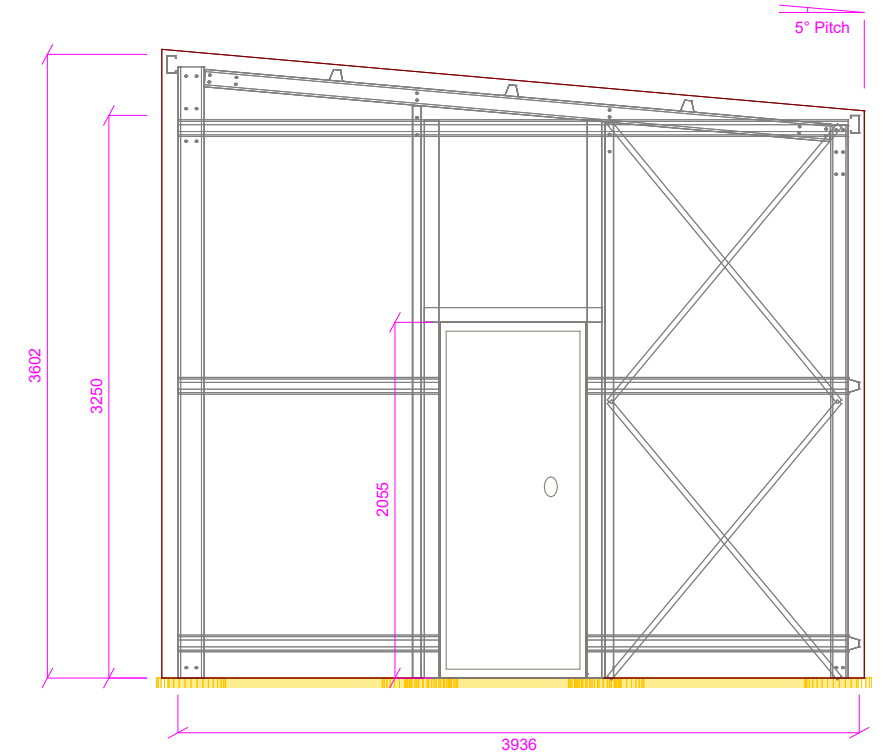
 AUSSIE MADE SHEDS	 Upright Engineering	Signed:	Drawing Number: 1 of 24
			Project No: AMS03_266106
			Revision: 6 - 25 Jun 2025
			1 Dally St
			Beaconsfield, TAS 7270
			Scale: N/A
Kristian March CPEng,MIEA(5469730)			



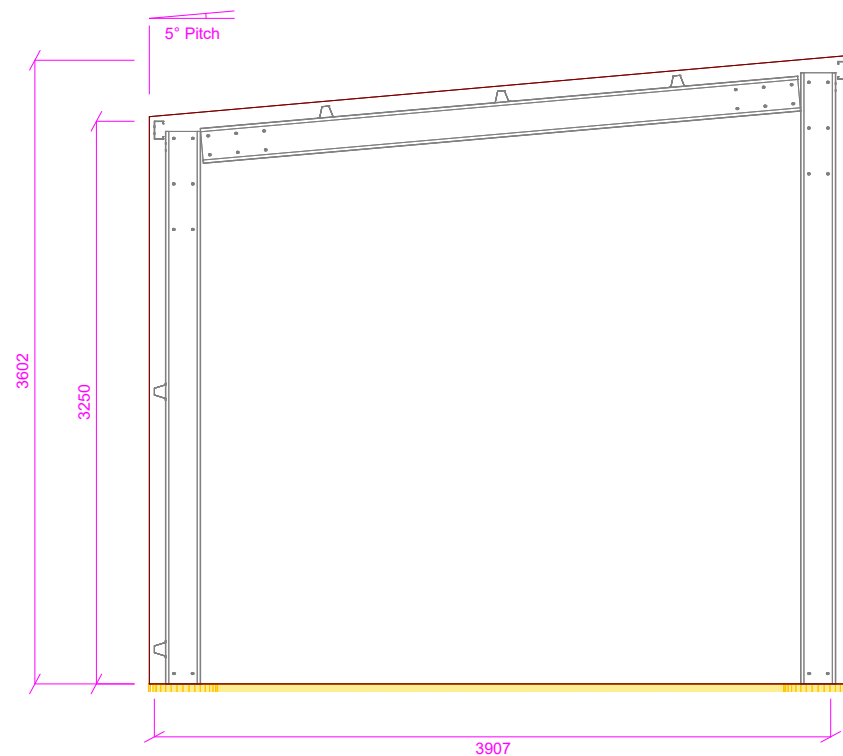
FRONT VIEW



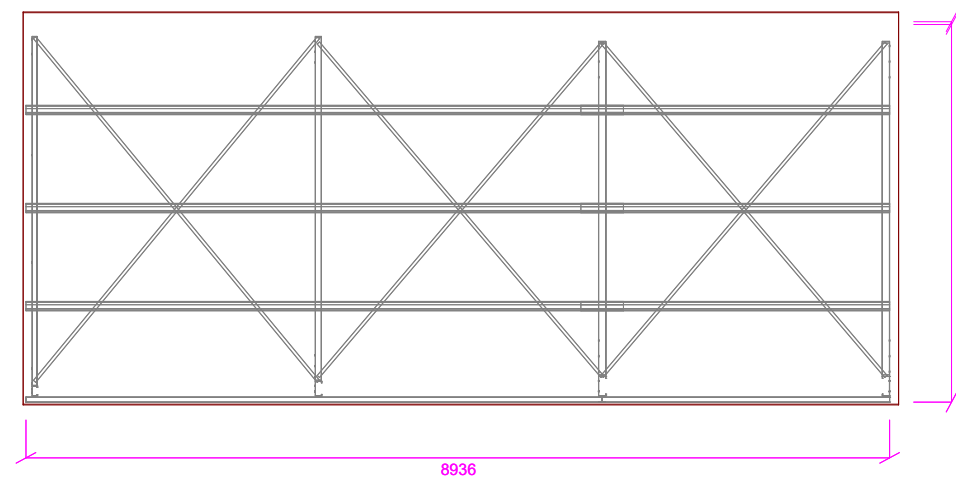
BACK VIEW



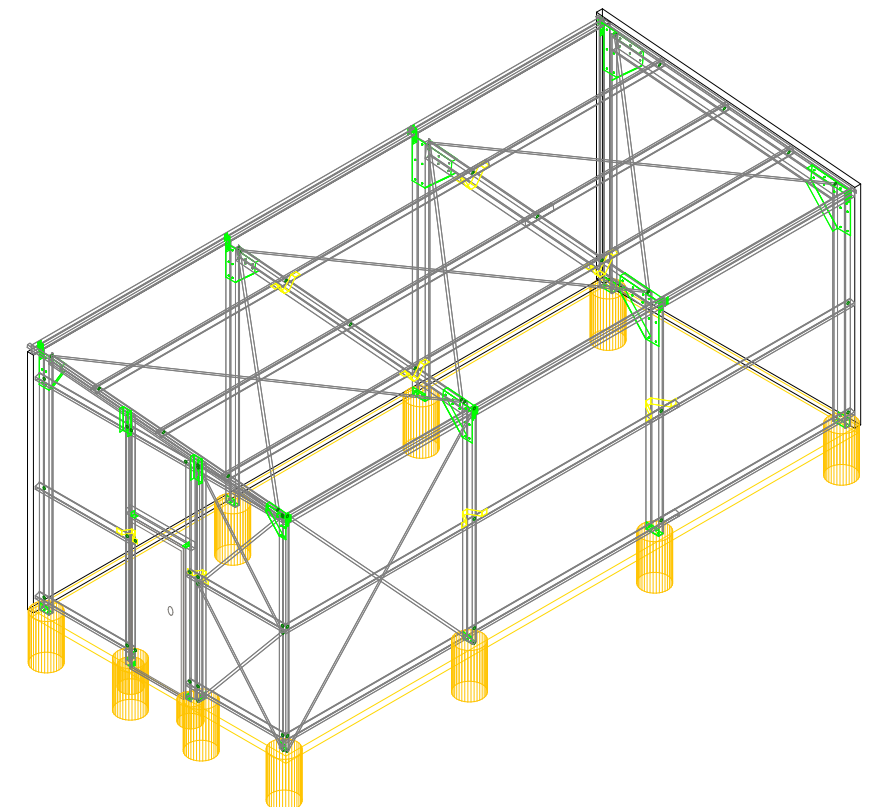
LEFT VIEW



RIGHT VIEW



PLAN VIEW



ISO FRONT LEFT VIEW

Assembly Multiview



Signed:

Kristian March
CPEng,MIEA(5469730)

Drawing Number: 2 of 24

Project No: AMS03_266106

Revision: 6 - 25 Jun 2025

1 Dally St

Beaconsfield, TAS 7270

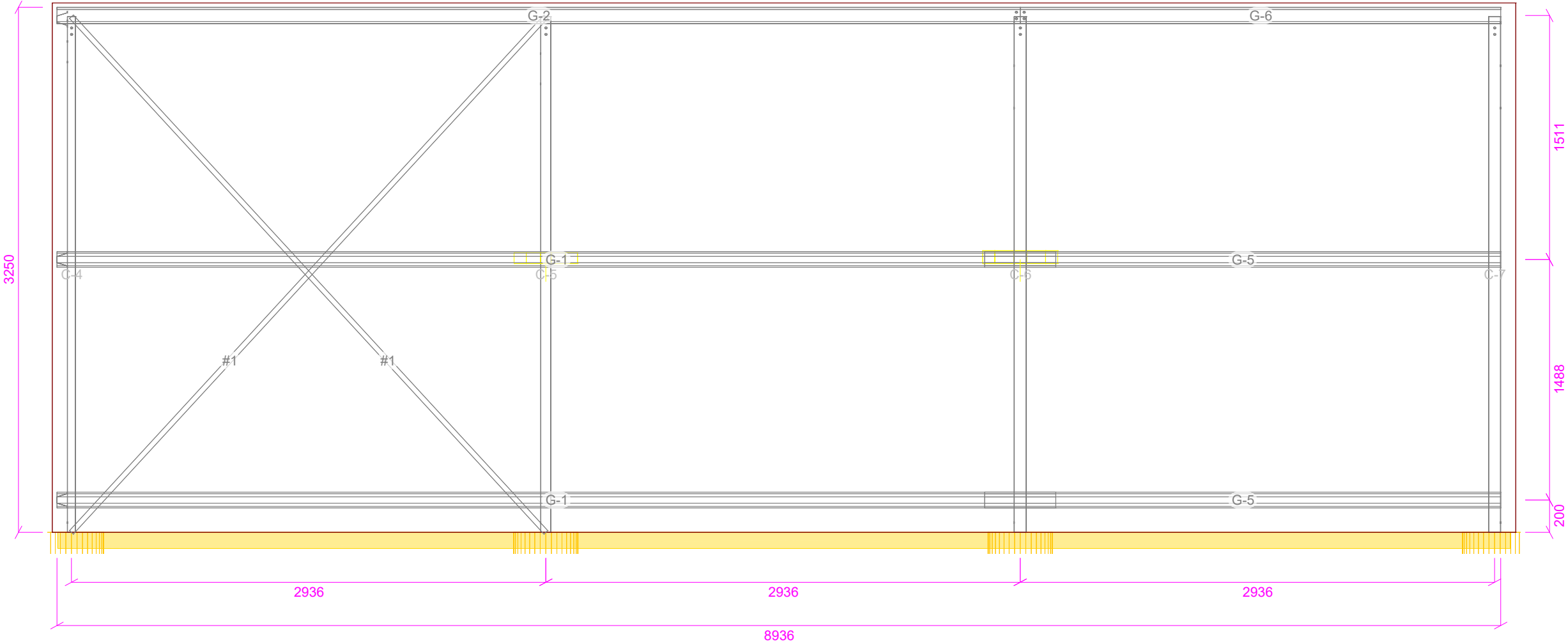
Scale: N/A

COLUMNS		
Mark #	Stock	Length
C-5: (1x)	C15015-PURLV	3191 mm
C-6: (1x)	C20019-PURLV	3191 mm
C-7: (1x)	C20019-PURLV	3191 mm
C-4: (1x)	C10012-PURLV	3191 mm

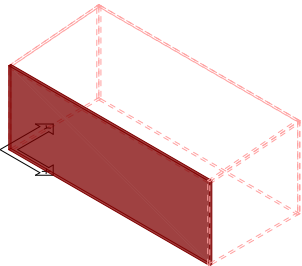
GIRTS		
Mark #	Stock	Length
G-1: (2x)	TH6475V	6182 mm
G-5: (2x)	TH6475V	3194 mm
G-2: (1x)	C10015-PURLV	5962 mm
G-6: (1x)	C10015-PURLV	2974 mm

CROSS BRACING			
ID	Mark #	Stock	Length
#1	CCB-3: (2x)	BST321250	4337 mm

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.



ALL MEMBER DIMENSIONS FROM
> MEMBER CENTRE <



Clad-Left Main Gable Side Wall



Signed:

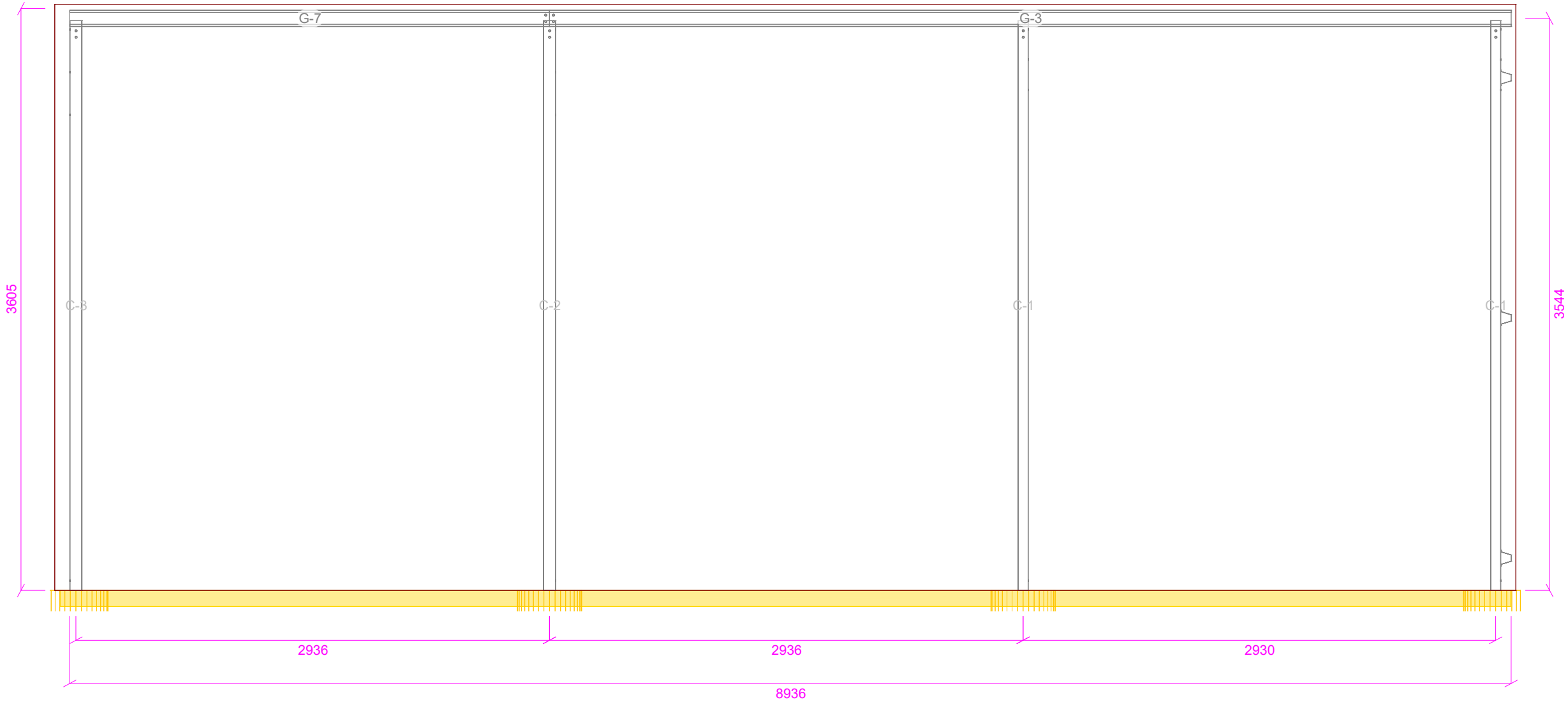
Kristian March
CPEng,MIEA(5469730)

Drawing Number: 3 of 24
Project No: AMS03_266106
Revision: 6 - 25 Jun 2025
1 Dally St
Beaconsfield, TAS 7270
Scale: 1 : 32 @ A3

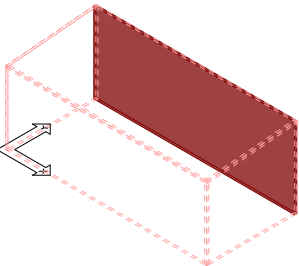
COLUMNS		
Mark #	Stock	Length
C-1: (2x)	C15015-PURLV	3530 mm
C-2: (1x)	C20019-PURLV	3530 mm
C-3: (1x)	C20019-PURLV	3530 mm

GIRTS		
Mark #	Stock	Length
G-3: (1x)	C10015-PURLV	5962 mm
G-7: (1x)	C10015-PURLV	2974 mm

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.



ALL MEMBER DIMENSIONS FROM
> MEMBER CENTRE <



Clad-Right Main Gable Side Wall



Signed:

Kristian March
CPEng,MIEA(5469730)

Drawing Number: 4 of 24
Project No: AMS03_266106
Revision: 6 - 25 Jun 2025
1 Dally St
Beaconsfield, TAS 7270
Scale: 1 : 32 @ A3

COLUMNS		
Mark #	Stock	Length
C-4: (1x)	C10012-PURLV	3191 mm
C-1: (1x)	C15015-PURLV	3530 mm
CI-2: (1x)	C10019-PURLV	3207 mm
CI-1: (1x)	C10019-PURLV	3305 mm
MV-1: (2x)	OLC6415	3225 mm
MH-1: (1x)	OLC6415	1025 mm

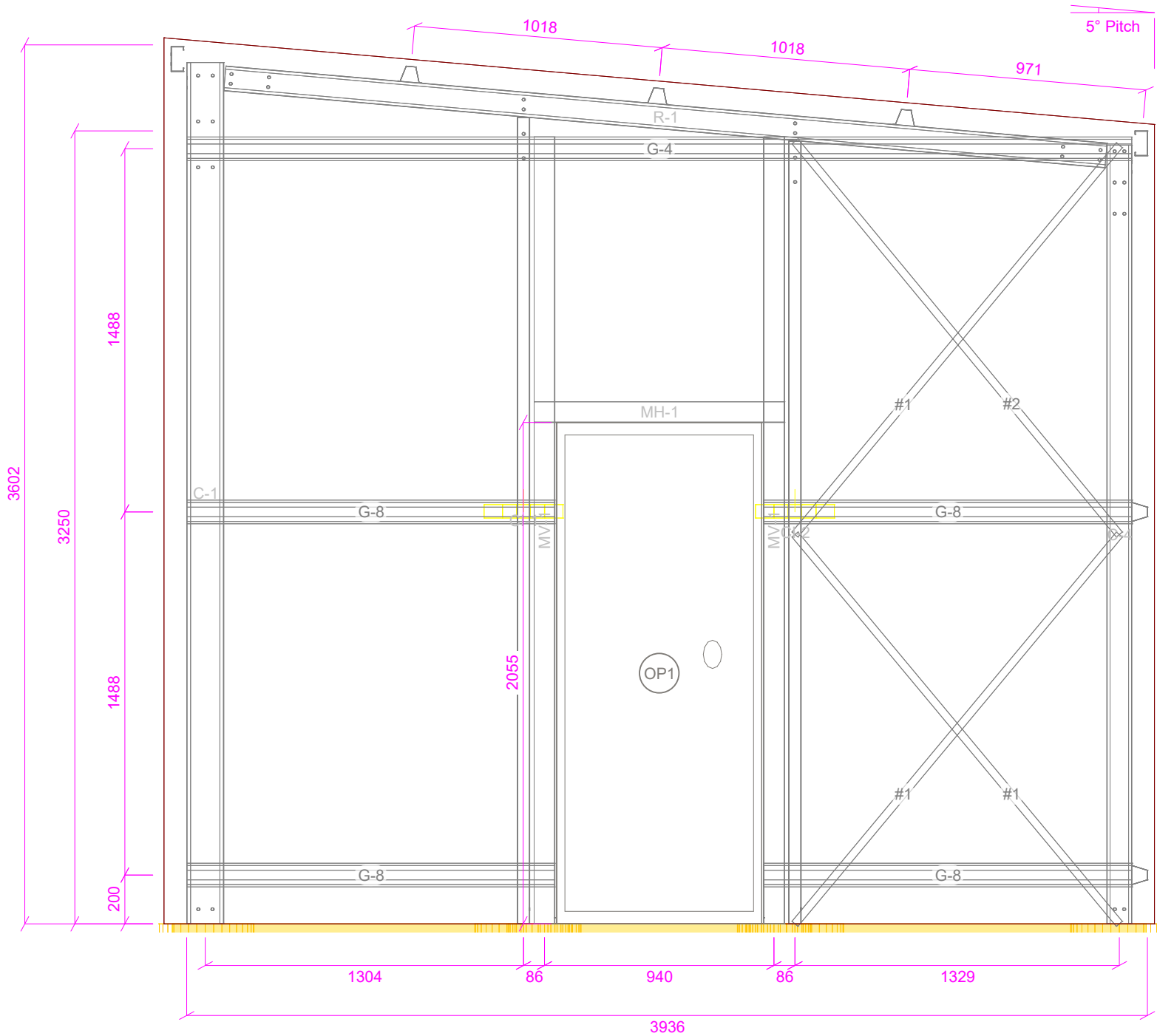
RAFTERS		
Mark #	Stock	Length
R-1: (1x)	C10012-PURLV	3624 mm

GIRTS		
Mark #	Stock	Length
G-8: (4x)	TH6475V	1509 mm
G-4: (1x)	TH6475V	3872 mm

CROSS BRACING			
ID	Mark #	Stock	Length
#1	CCB-5: (3x)	BST321250	2077 mm
#2	CCB-4: (1x)	BST321250	2089 mm

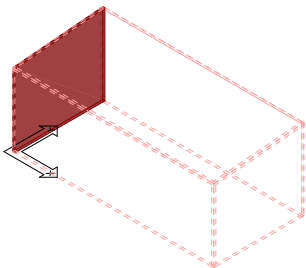
OPENINGS			
ID	Stock	Height	Width
OP1: (1x)	PALARNCB	2055 mm	840 mm

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.



ALL MEMBER DIMENSIONS FROM
> MEMBER CENTRE <

Assembly Left View



Clad-Left Gable Wall on Frame 1



Signed:

Kristian March
CPEng,MIEA(5469730)

Drawing Number: 5 of 24

Project No: AMS03_266106

Revision: 6 - 25 Jun 2025

1 Dally St

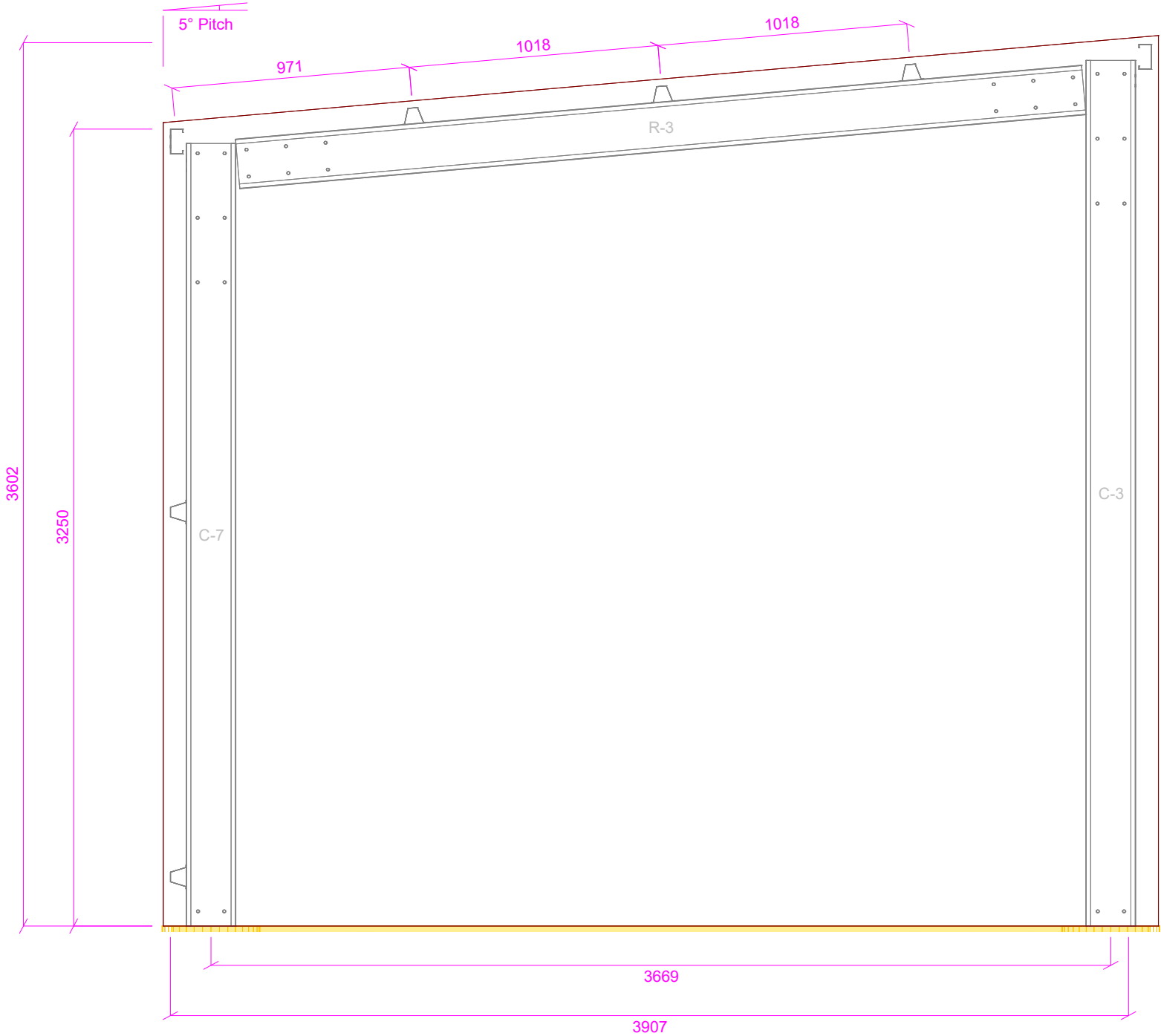
Beaconsfield, TAS 7270

Scale: 1 : 26 @ A3

COLUMNS		
Mark #	Stock	Length
C-7: (1x)	C20019-PURLV	3191 mm
C-3: (1x)	C20019-PURLV	3530 mm

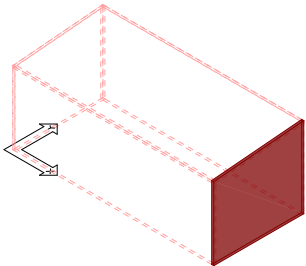
RAFTERS		
Mark #	Stock	Length
R-3: (1x)	C20019-PURLV	3463 mm

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.



ALL MEMBER DIMENSIONS FROM
> MEMBER CENTRE <

Assembly Right View



Clad-Right Gable Wall on Frame 4



Signed:

Kristian March
CPEng,MIEA(5469730)

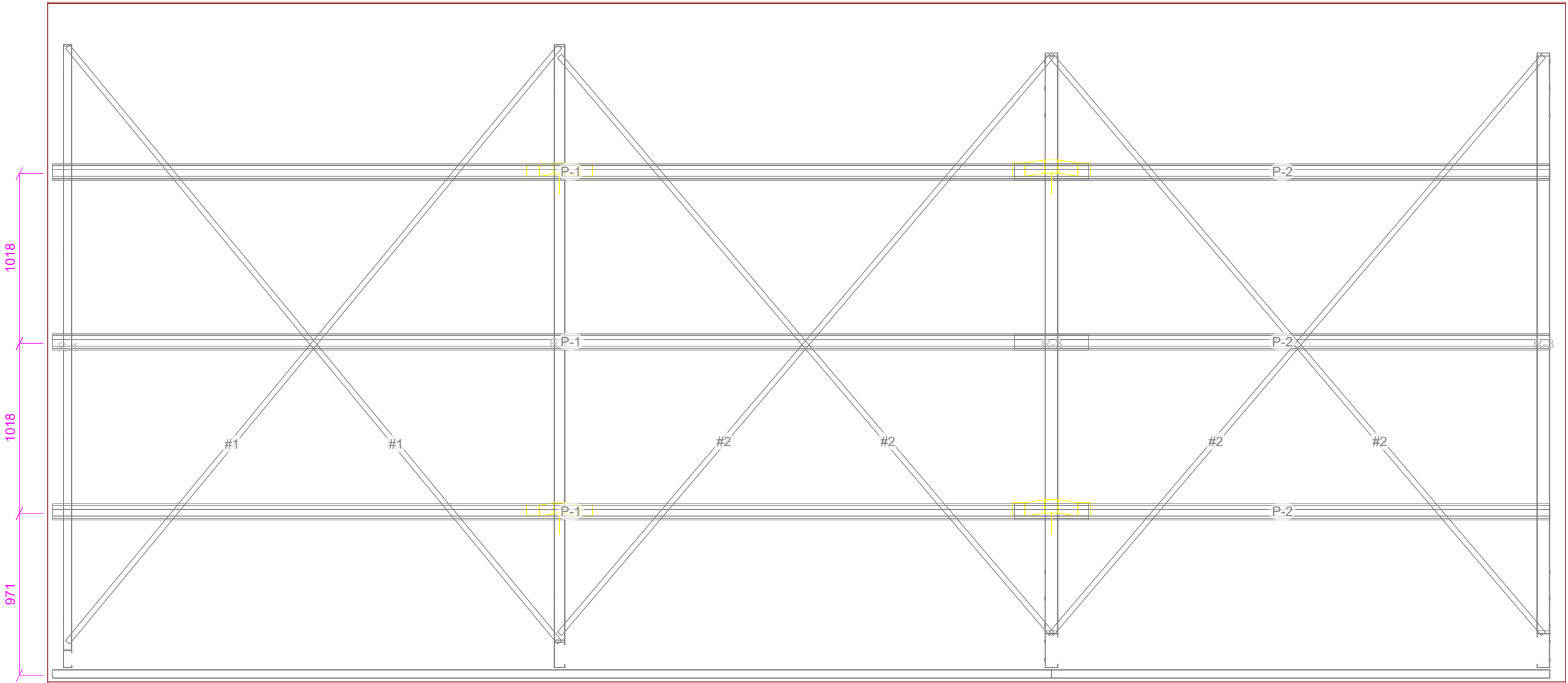
Drawing Number: 6 of 24
Project No: AMS03_266106
Revision: 6 - 25 Jun 2025
1 Dally St
Beaconsfield, TAS 7270
Scale: 1 : 26 @ A3

RAFTERS		
Mark #	Stock	Length
R-2: (1x)	C15015-PURLV	3569 mm
R-3: (2x)	C20019-PURLV	3463 mm
R-1: (1x)	C10012-PURLV	3624 mm

PURLINS		
Mark #	Stock	Length
P-1: (3x)	TH6475V	6182 mm
P-2: (3x)	TH6475V	3194 mm

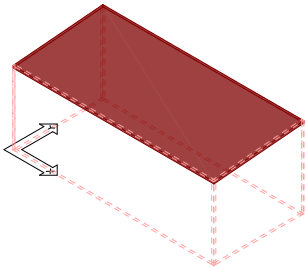
CROSS BRACING			
ID	Mark #	Stock	Length
#1	CCB-1: (2x)	BST321250	4622 mm
#2	CCB-2: (4x)	BST321250	4540 mm

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.



ALL MEMBER DIMENSIONS FROM
> MEMBER CENTRE <

Assembly Plan View



Left Main Gable Roof



Signed:

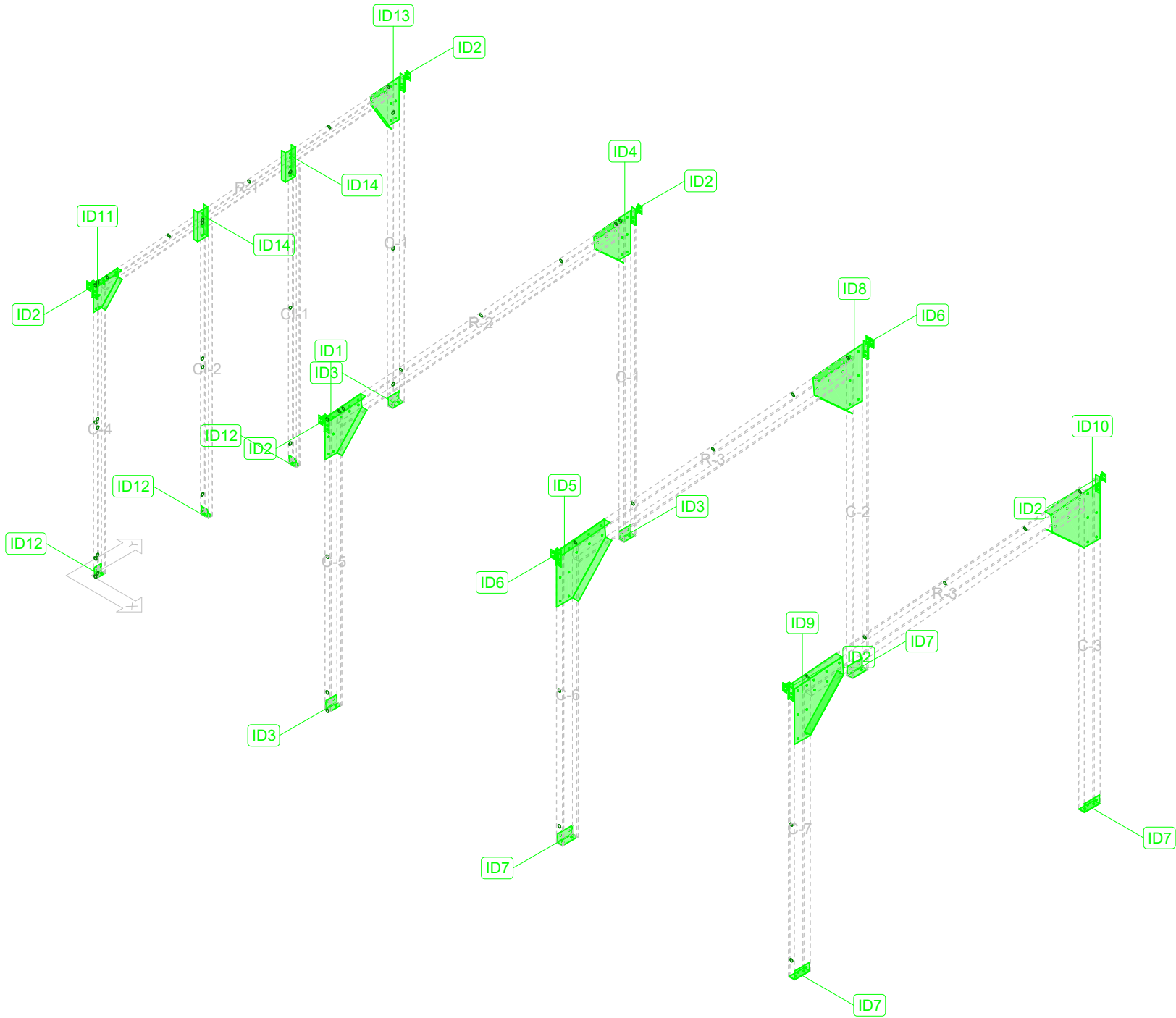
Kristian March
CPEng,MIEA(5469730)

Drawing Number: 7 of 24
Project No: AMS03_266106
Revision: 6 - 25 Jun 2025
1 Dally St
Beaconsfield, TAS 7270
Scale: 1 : 29 @ A3

PLATES		
ID	Plates	Fasteners
ID1	PLHA150C150R5DR	12X30FPB46: (12x)
ID2	PLFAS64S	12X30FB46: (2x) 12X30FPB46: (2x)
ID3	PLCBASE150C	AS12100: (2x) 12X30FPB46: (2x)
ID4	PLHINV150C150R5DL	12X30FPB46: (12x)
ID5	PLHA200C200R5DR	12X30FPB46: (12x)
ID6	PLFAS64J PLFAS64S	12X30FB46: (4x) TEKH1220B4ZA: (2x) 12X30FPB46: (2x)
ID7	PLCBASE200C	AS12100: (2x) 12X30FPB46: (2x)
ID8	PLHINV200C200R5DL	12X30FPB46: (12x)
ID9	PLHA200C200R5DL	12X30FPB46: (12x)
ID10	PLHINV200C200R5DR	12X30FPB46: (12x)
ID11	PLHA100C100R5DR	12X30FPB46: (10x)
ID12	PLCBASE100C	AS1075: (2x) 12X30FPB46: (2x)
ID13	PLHINV150C100R5DL	12X30FPB46: (10x)
ID14	PLIC2R100	12X30FPB46: (2x) 12X30FPB46: (2x)

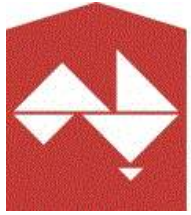
MEMBERS		
Mark #	Stock	Length
C-5: (1x)	C15015-PURLV	3191 mm
C-1: (2x)	C15015-PURLV	3530 mm
C-6: (1x)	C20019-PURLV	3191 mm
C-2: (1x)	C20019-PURLV	3530 mm
C-7: (1x)	C20019-PURLV	3191 mm
C-3: (1x)	C20019-PURLV	3530 mm
C-4: (1x)	C10012-PURLV	3191 mm
CI-2: (1x)	C10019-PURLV	3207 mm
CI-1: (1x)	C10019-PURLV	3305 mm
R-2: (1x)	C15015-PURLV	3569 mm
R-3: (2x)	C20019-PURLV	3463 mm
R-1: (1x)	C10012-PURLV	3624 mm

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.



ALL MEMBER DIMENSIONS FROM
> MEMBER CENTRE <

Frame Plates ISO View



AUSSIE
MADE
SHEDS



Upright
Engineering

Signed:



Kristian March
CPEng,MIEA(5469730)

Drawing Number: 8 of 24

Project No: AMS03_266106

Revision: 6 - 25 Jun 2025

1 Dally St

Beaconsfield, TAS 7270

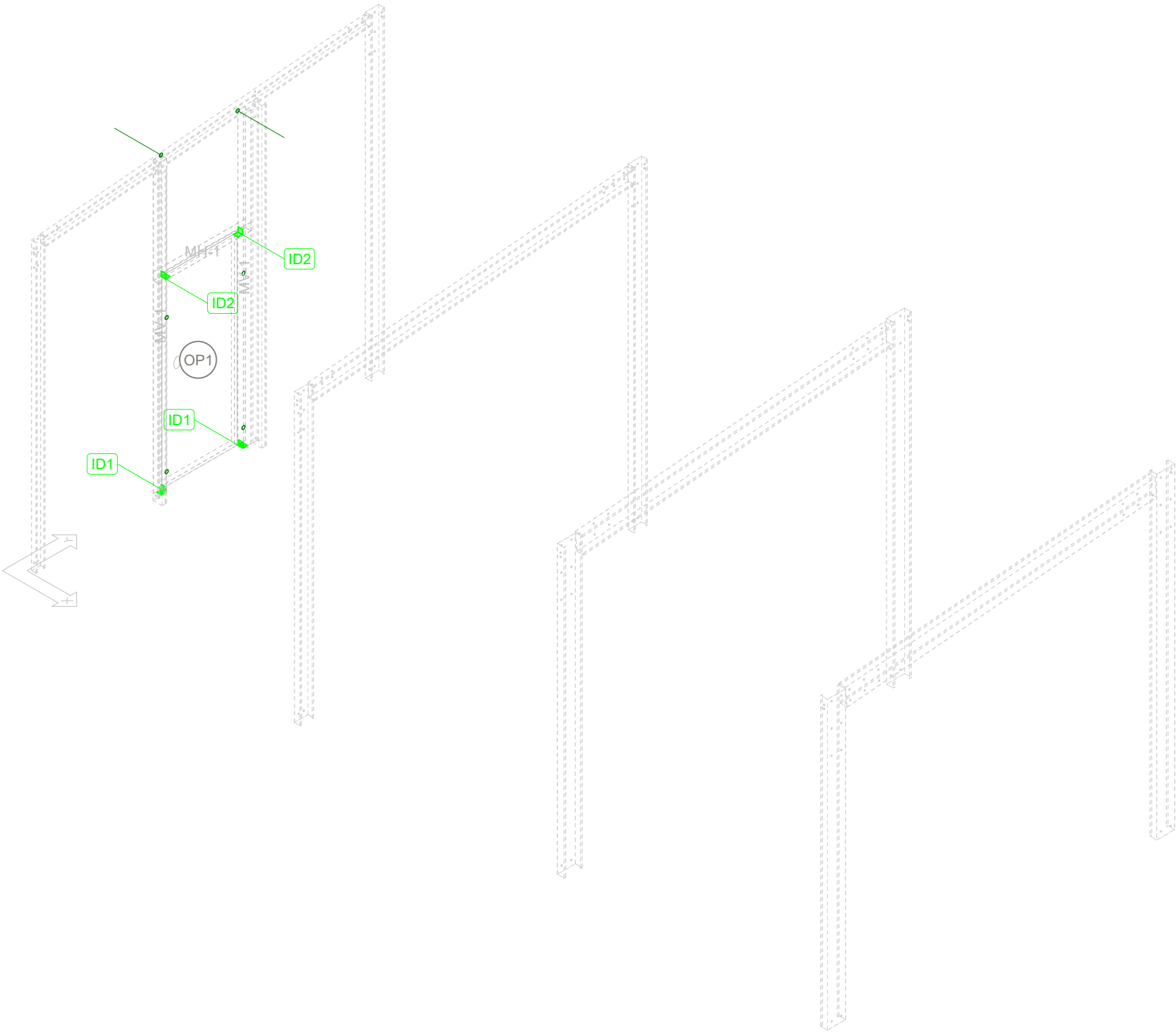
Scale: 1 : 49 @ A3

OPENINGS			
ID	Stock	Height	Width
OP1: (1x)	PALARNCB	2055 mm	840 mm

PLATES		
ID	Plates	Fasteners
ID1	PLCBASE64C	AS1075: (2x) 12X30FPB46: (2x)
ID2	AC64	TEKH1425B4ZA: (4x)

MEMBERS		
Mark #	Stock	Length
MV-1: (2x)	OLC6415	3225 mm
MH-1: (1x)	OLC6415	1025 mm

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.



ALL MEMBER DIMENSIONS FROM
> MEMBER CENTRE <

Opening Plates ISO View



**AUSSIE
MADE
SHEDS**



**Upright
Engineering**

Signed:

Kristian March
CPEng,MIEA(5469730)

Drawing Number: 9 of 24

Project No: AMS03_266106

Revision: 6 - 25 Jun 2025

1 Dally St

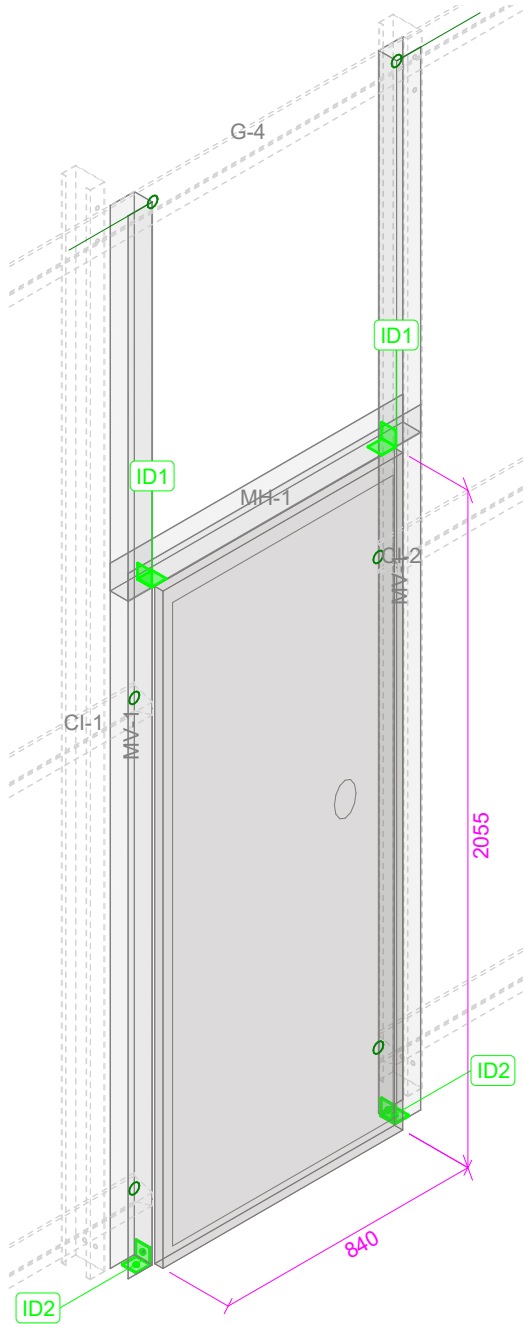
Beaconsfield, TAS 7270

Scale: 1 : 41 @ A3

PLATES		
ID	Plates	Fasteners
ID1	AC64	TEKH1425B4ZA: (4x)
ID2	PLCBASE64C	AS1075: (2x) 12X30FPB46: (2x)

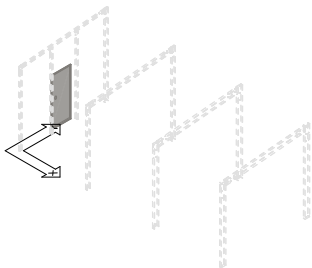
MEMBERS		
Mark #	Stock	Length
CI-1: (1x)	C10019-PURLV	3305 mm
CI-2: (1x)	C10019-PURLV	3207 mm
MH-1: (1x)	OLC6415	1025 mm
MV-1: (2x)	OLC6415	3225 mm

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.

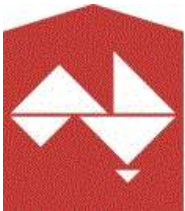


ALL MEMBER DIMENSIONS FROM
> MEMBER CENTRE <

Opening Details



OP1 - Larnec Door: PALARNCB



**AUSSIE
MADE
SHEDS**

**Upright
Engineering**

Signed:

Kristian March
CPEng,MIEA(5469730)

Drawing Number: 10 of 24

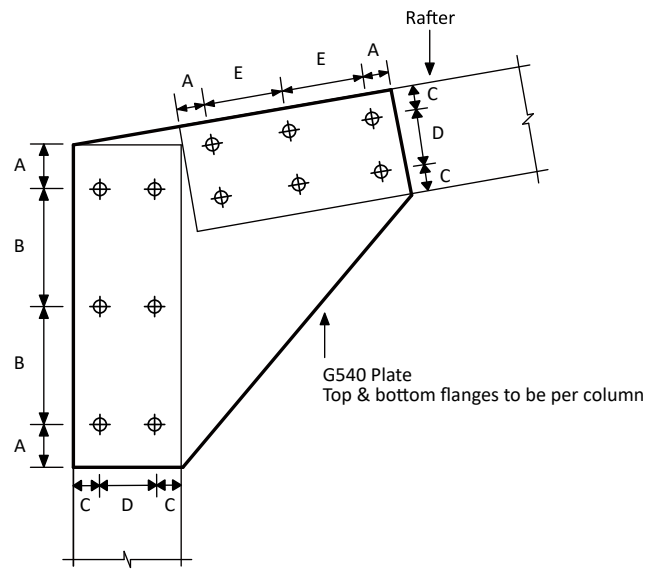
Project No: AMS03_266106

Revision: 6 - 25 Jun 2025

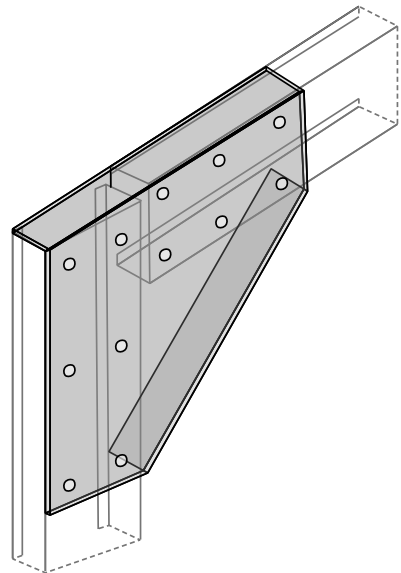
1 Dally St

Beaconsfield, TAS 7270

Scale: 1 : 19 @ A3



Side View



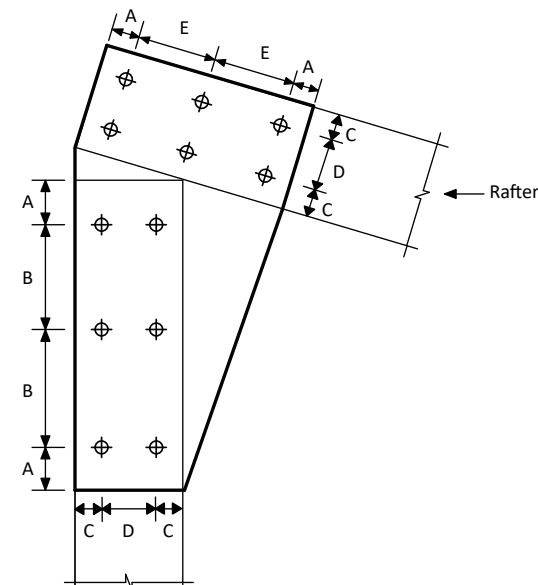
ISO View

Section	A	B	C	D	E	Bolt Size
C100	25	128	31	40	154	M12x30-4.6
C150	40	188	46	60	112	M12x30-4.6
C200	40	263	46.5	110	162	M12x30-4.6
C250	40	338	47	160	212	M12x30-4.6
C300	40	413	47	210	262	M16X35-4.6
C350	40	488	47	260	312	M16X35-4.6
C400	40	563	45	310	362	M16X35-4.6

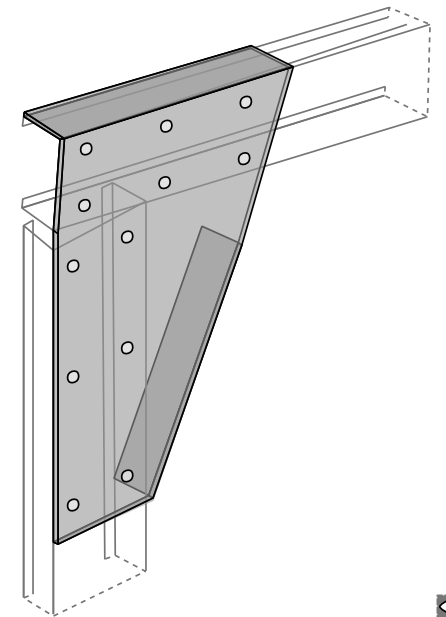
NOTES

1. Use two plate for back to back sections
2. Designs for cyclonic areas use 8.8 grade bolts for all sizes
3. Sizes of haunch rafter and column are independant of each other

TYPICAL HAUNCH CONNECTION



Side View



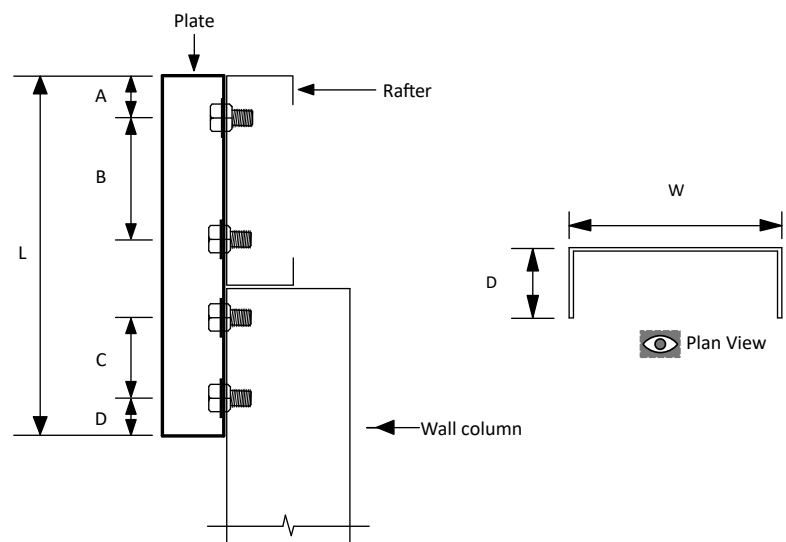
ISO View

Section	A	B	C	D	E	Bolt Size
C100	25	128	31	40	154	M12x30-4.6
C150	40	188	46	60	112	M12x30-4.6
C200	40	263	46.5	110	162	M12x30-4.6
C250	40	338	47	160	212	M12x30-4.6
C300	40	413	47	210	262	M16X35-4.6
C350	40	488	47	260	312	M16X35-4.6
C400	40	563	45	310	362	M16X35-4.6

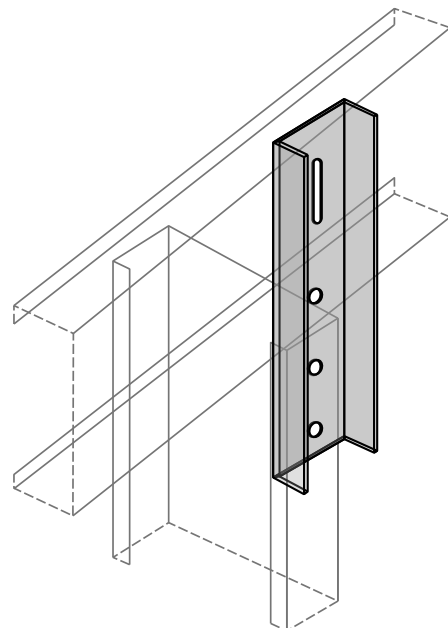
NOTES

1. Use two plate for back to back sections
2. Designs for cyclonic areas use 8.8 grade bolts for all sizes
3. Sizes of haunch rafter and column are independant of each other

INVERTED HAUNCH EXTENDED CONNECTION



END WALL COLUMN TOP CLEAT Side View



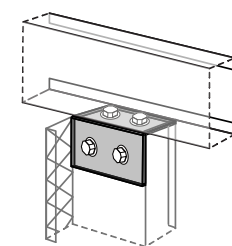
ISO View

Section Size	L	A	B	C	D	W	D	Bolt Size
C100	322	25	40	100	25	125	50	M12x30-4.6
C150	377	40	60	100	40	125	50	M12x30-4.6
C200	433	40	110	100	40	125	50	M12x30-4.6
C250	489	40	160	100	40	125	50	M12x30-4.6
C300	545	40	210	100	40	125	50	M16X35-4.6
C350	600	40	260	100	40	125	50	M16X35-4.6
C400	650	40	310	100	40	125	50	M16X35-4.6

NOTES

1. Designs for cyclonic areas use 8.8 grade bolts for all sizes
2. Column bolts are centre of flange
3. Sizes of rafter and column are independant of each other

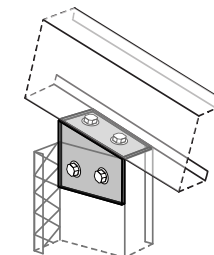
INTERMEDIATE END COLUMN CONNECTION



MULLION TO FASCIA

ISO View

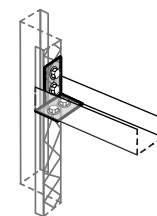
1. Plate size width to match mullion web
2. Use 12X30 flange purlin bolts (x2) per face



MULLION TO RAFTER

ISO View

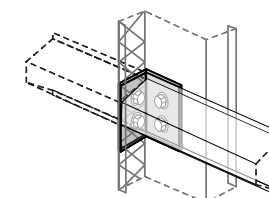
1. Plate size length to match rafter flange size
2. Plate size width to match mullion web size
3. Use 12X30 flange purlin bolts (x2) per face
4. Plate is tapered to suit roof pitch



R/DOOR HEADER TO MULLION

ISO View

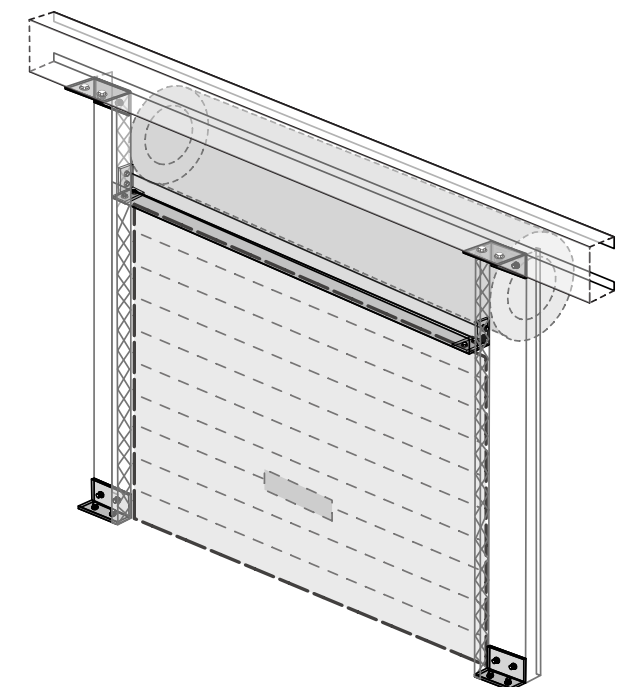
1. Plate size length designed to be the same size as wall girt web
2. Use 12X30 flange purlin bolts (x2) per face



TOP HAT TO MULLION

ISO View

1. Plate size width to match mullion flange size
2. Plate face with no holes to have 12X20 Plain Tek's (x2) connection on to top hat wall purlin
3. Use 12X30 flange purlin bolts (x2) per face



ROLLER DOOR SURROUND CONFIGURATION

Connection Detail Drawings



Signed:

Kristian March
CPEng,MIEA(5469730)

Drawing Number: 11 of 24

Project No: AMS03_266106

Revision: 6 - 25 Jun 2025

1 Dally St

Beaconsfield, TAS 7270

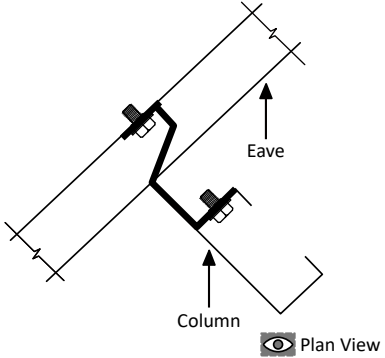
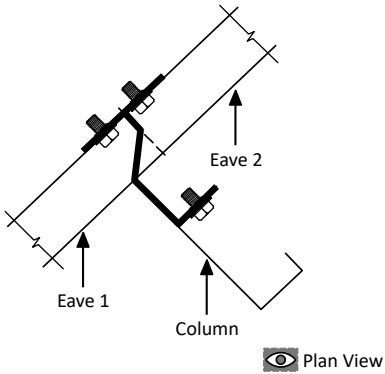
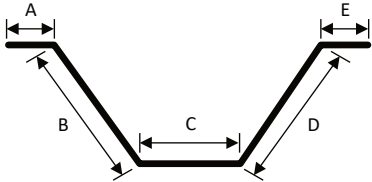
Scale: N/A

Section	A	B	C	D	E
100	75	118	55	118	75
150	75	175	68	175	75
200	75	235	80	235	75
250	75	290	80	290	75
300	75	350	100	350	75
350	75	406	130	406	75
400	75	460	130	460	75

SINGLE RAFTER OR COLUMN

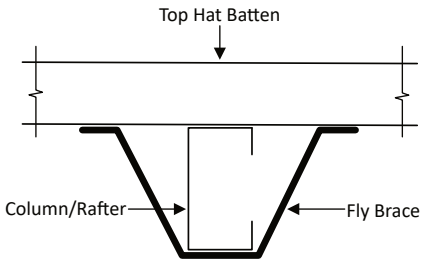
Section	A	B	C	D	E
100	75	118	110	118	75
150	75	175	138	175	75
200	75	235	160	235	75
250	75	290	160	290	75
300	75	350	200	350	75
350	75	406	260	406	75
400	75	460	260	460	75

DUAL RAFTER OR COLUMN

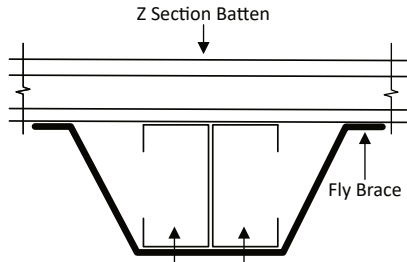


- NOTES
1. Fascia bracket bolted to rafter with 2x M12x30 purlin bolts
 2. Eave girt bolt to fascia bracket with 2x M12x30 fascia purlin bolts (4x bolts for dual connection)
 3. Designs for cyclonic areas use 8.8 grade bolts for all sizes
 4. Use two 12-14x20 tex screws to connect dual plate connection

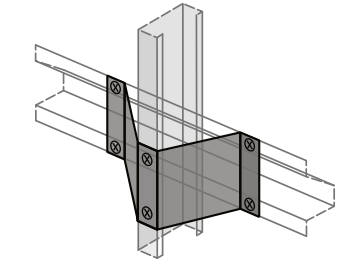
SINGLE/END FASCIA CONNECTION



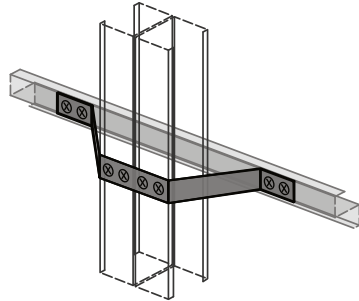
Top View



Top View



ISO View

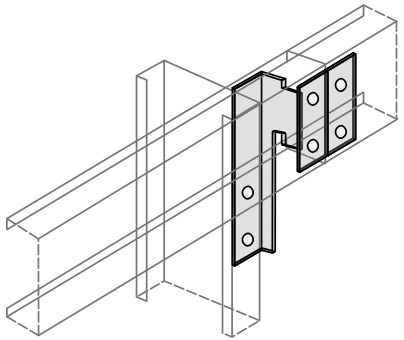
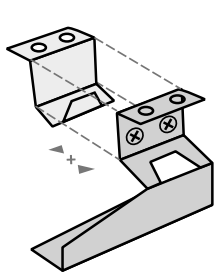


ISO View

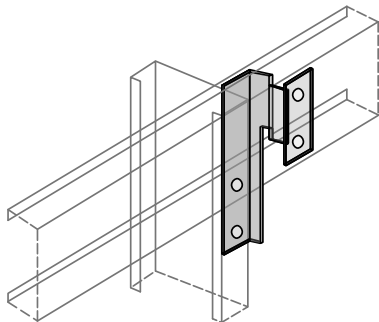
- NOTES
1. Use 2x TEK12x20 screws per column/rafter

PURLIN / GIRT CONNECTION DETAIL

DUAL PLATE CONNECTION

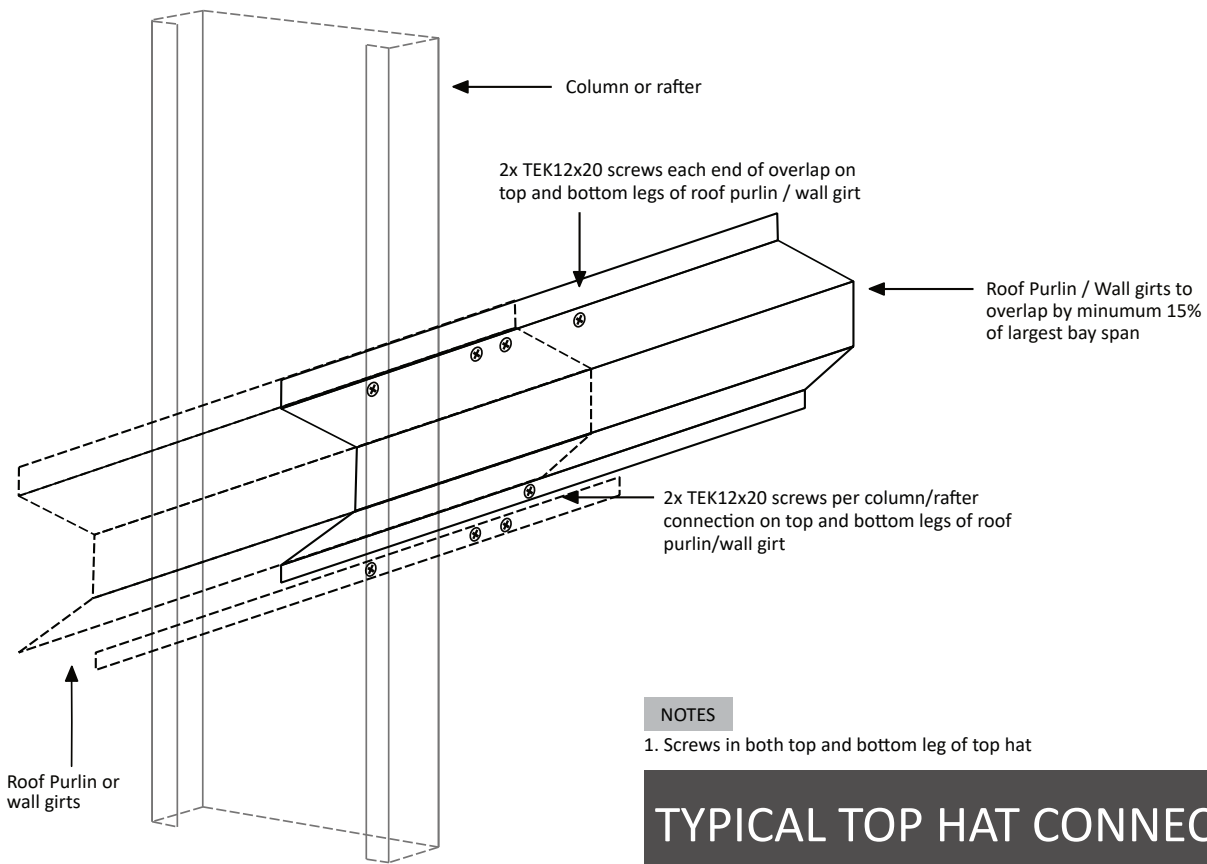


ISO View



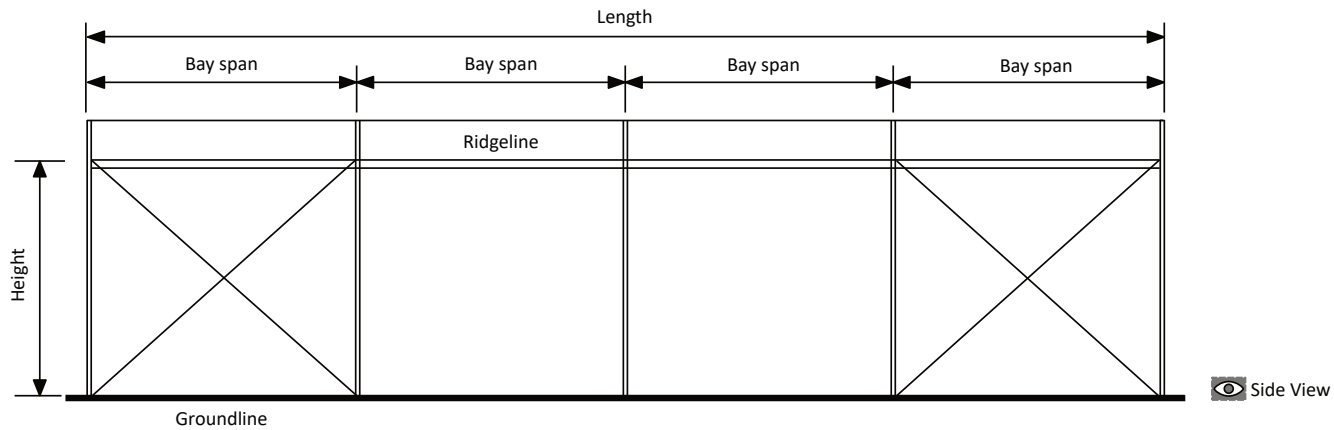
ISO View

FASCIA TO EAVE GIRT

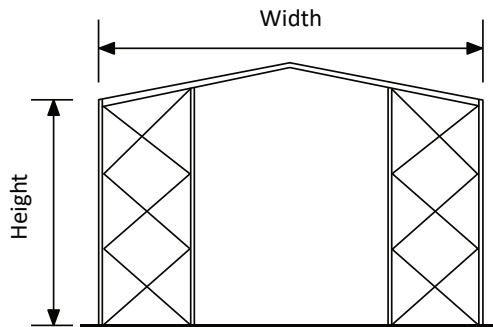


- NOTES
1. Screws in both top and bottom leg of top hat

TYPICAL TOP HAT CONNECTION



Side View



Side View

- NOTES
1. Bracing to be 32x1.2 G500 strap
 2. Bridge bracing to be:
22x0.42 ceiling batten for bay spans up to 4m
40x0.42 roof batten for bay spans over 4m or in cyclonic regions
 3. Fly bracing to be inserted on all roofs/walls placed on every second purlin/girt
 4. Cyclonic to be every roof purlin/girt column rafter cross over
 5. Sheds with four or more bays will have bracing on the exterior bays
 6. Bridge bracing on every bay when bay span is 4.5m or greater or if shown on certified drawings

TYPICAL BRACING DETAILS

Connection Detail Drawings



Signed:

Kristian March
CPEng,MIEA(5469730)

Drawing Number: 12 of 24

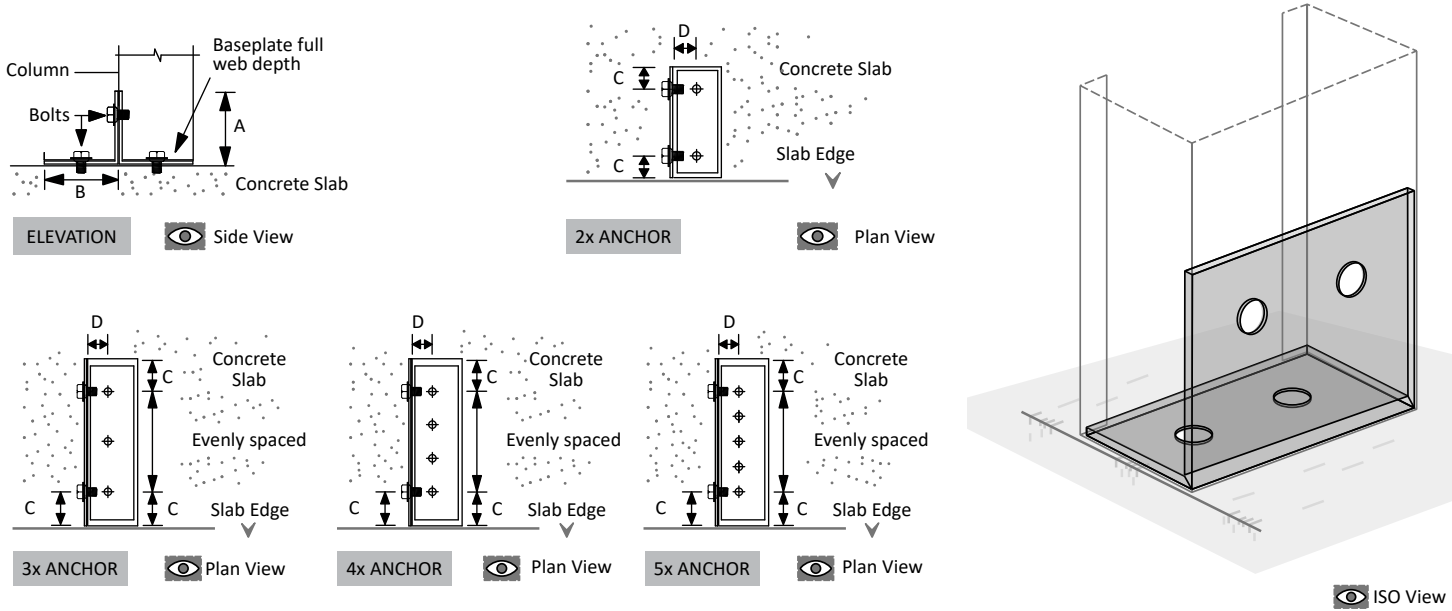
Project No: AMS03_266106

Revision: 6 - 25 Jun 2025

1 Dally St

Beaconsfield, TAS 7270

Scale: N/A



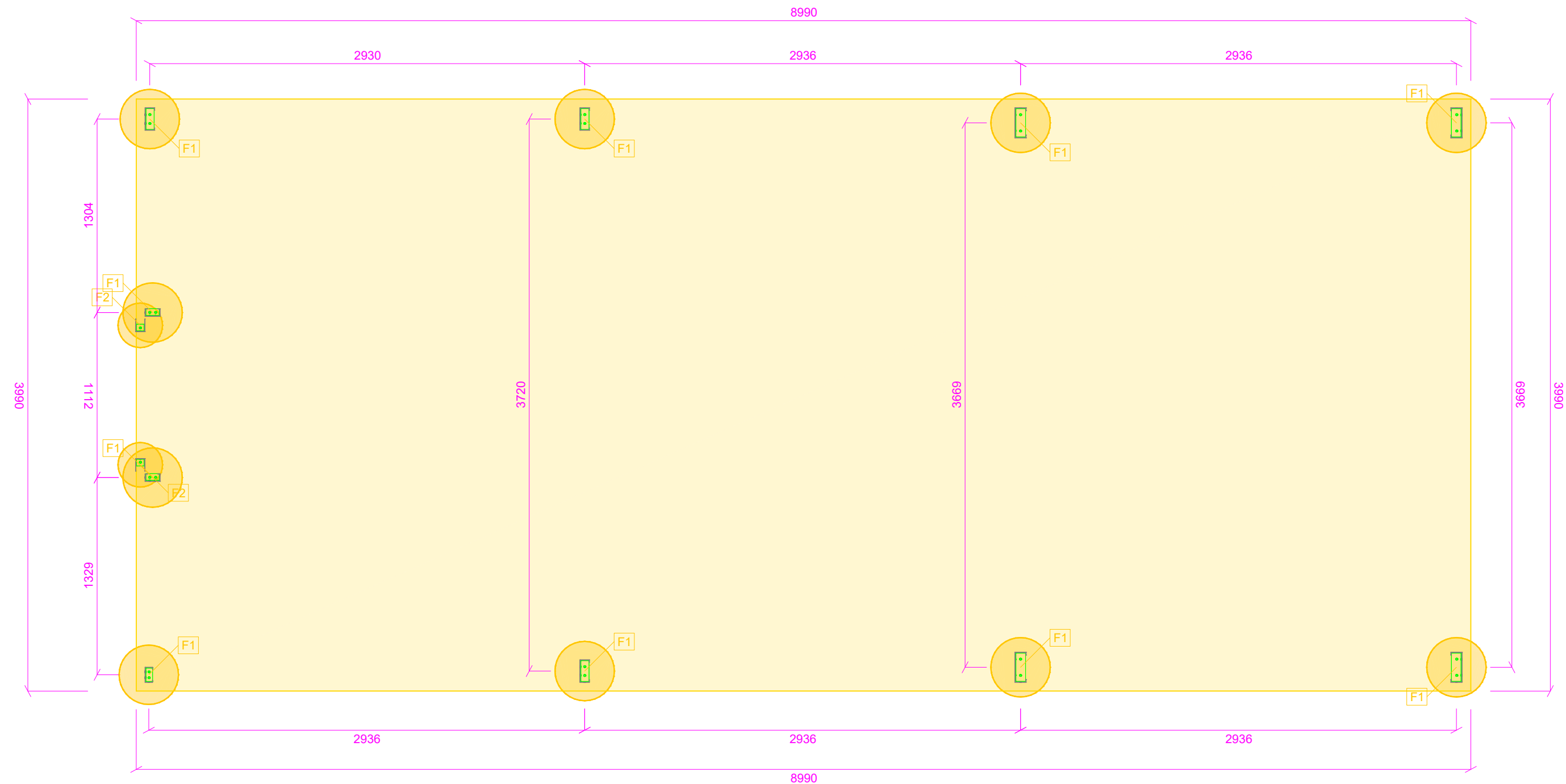
Section	A	B	C	D	BMT	Bolt Size	Anchor Screw
C100	85	90	25	25	5	M12x30-4.6	10x75 (x2)
C150	90	140	40	30	5	M12x30-4.6	12x100 (x2)
C200	95	190	40	35	5	M12x30-4.6	12x100 (x2)
C250	100	240	40	35	5	M12x30-4.6	12x100 (x3)
C300	160	290	40	45	6	M16X35-4.6	16X100 (x3)
C350	220	340	40	60	10	M16X35-4.6	16X100 (x4)
C400	220	390	40	60	10	M16X35-4.6	16X100 (x5)

- NOTES
1. Back to back portal design use the same anchor screw bolt sizing

2. Designs for cyclonic areas use 8.8 grade bolts for all sizes

BASE PLATE CONFIGURATIONS

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.

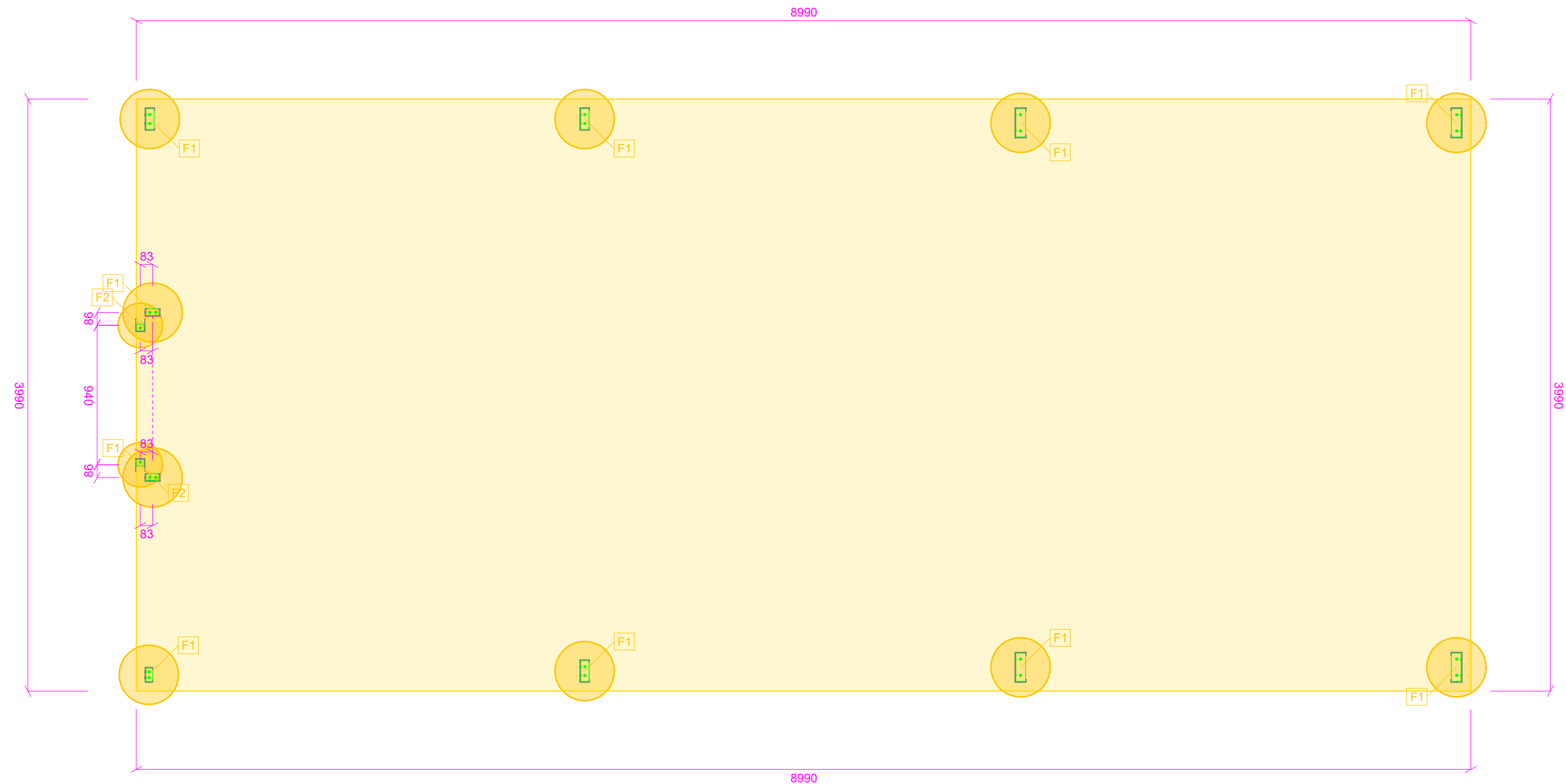


ALL MEMBER DIMENSIONS FROM
> MEMBER CENTRE <

Foundation Columns Plan View

 	Signed:	Drawing Number: 14 of 24
	 Kristian March CPEng,MIEA(5469730)	Project No: AMS03_266106
		Revision: 6 - 25 Jun 2025
		1 Dally St
		Beaconsfield, TAS 7270
	Scale: 1 : 32 @ A3	

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.



ALL MEMBER DIMENSIONS FROM
> MEMBER CENTRE <

Foundation Mullions Plan View



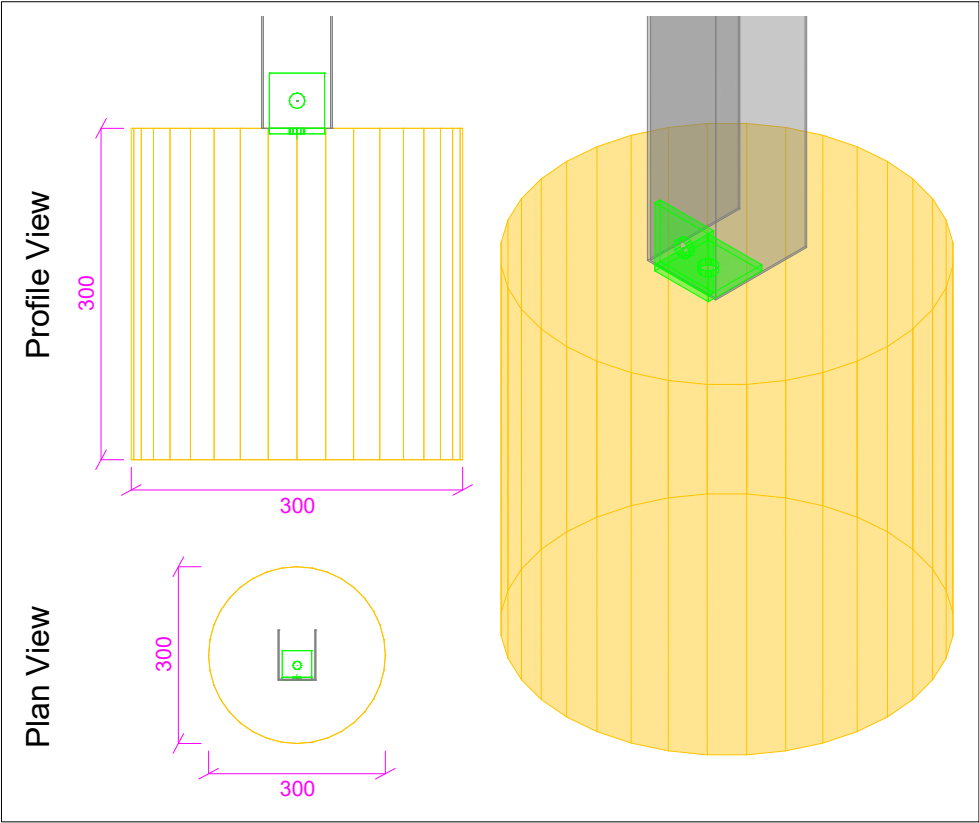
Signed:

Kristian March
CPEng,MIEA(5469730)

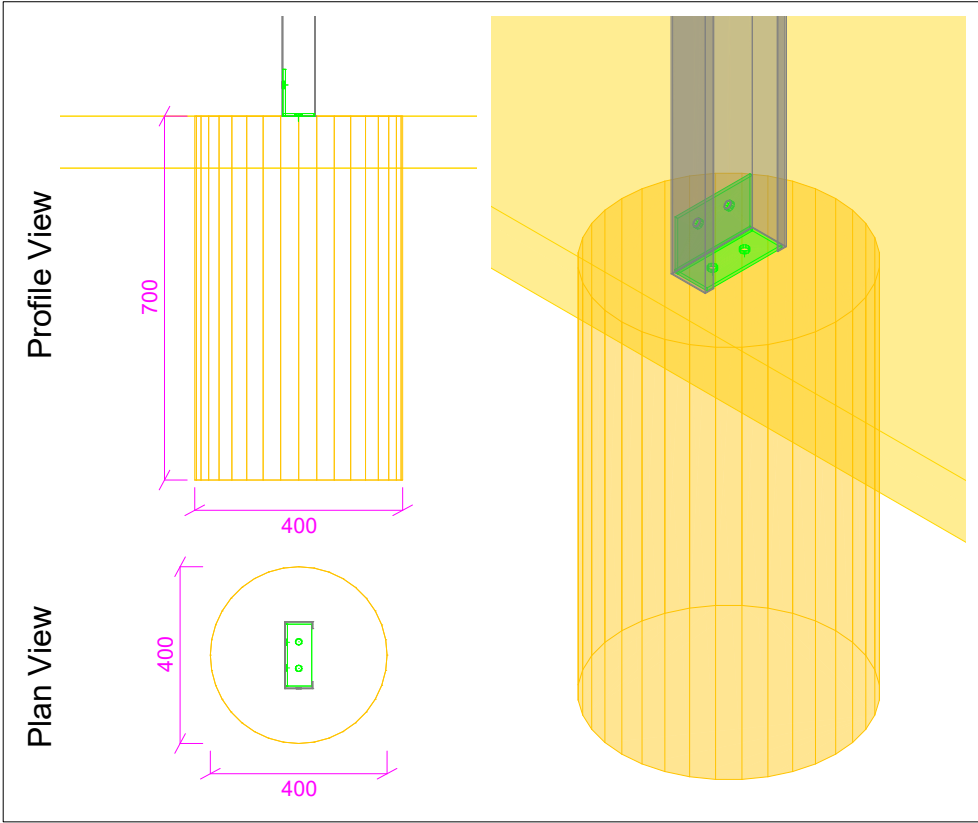
Drawing Number: 15 of 24
Project No: AMS03_266106
Revision: 6 - 25 Jun 2025
1 Dally St
Beaconsfield, TAS 7270
Scale: 1 : 32 @ A3

FOOTING NOTES

- 1. Footing sizes shown on the drawings are the minimum required for structural loads.
- 2. Where a shed's footings are required to comply with AS 2870 - Residential slabs & footings, the minimum footing depth (mm) shall be taken as the greater of the footing depths shown on the drawings or the footing depths according to the site classification listed below:
Class A & S: 400
Class M: 500
Class M-D: 800
Class H1: 1000
Other Classes shall be determined by a geotechnical report.
- 3. Construction drawings must be used in conjunction with the Shed Plus Installation Manual.



Footing: F2 (x2)



Footing: F1 (x10)

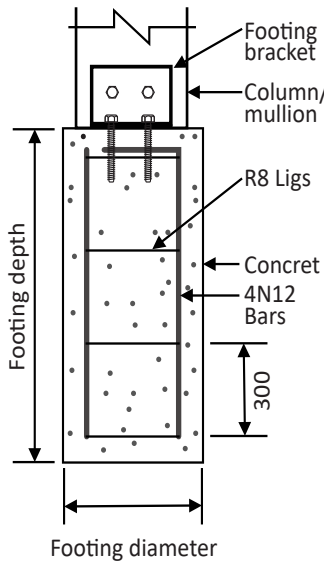
Footing Index Drawings

 	Signed:  Kristian March CPEng,MIEA(5469730)	Drawing Number: 16 of 24
		Project No: AMS03_266106
		Revision: 6 - 25 Jun 2025
		1 Dally St
		Beaconsfield, TAS 7270
		Scale: N/A

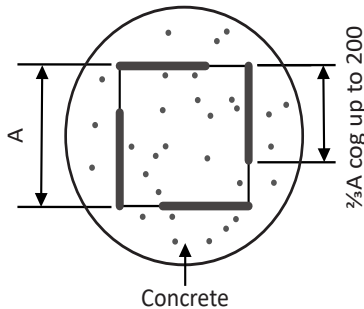
TYPICAL FOOTING CONSTRUCTION NOTES AND DETAILS

Bored Footing

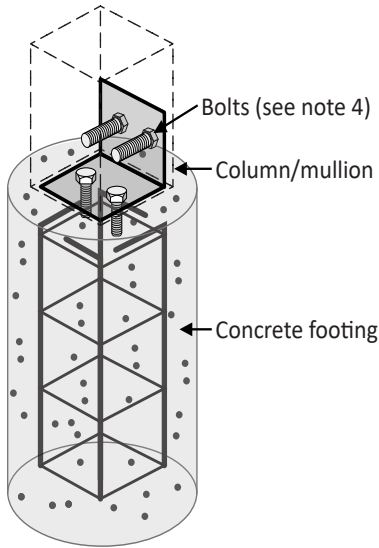
Side View



Plan View

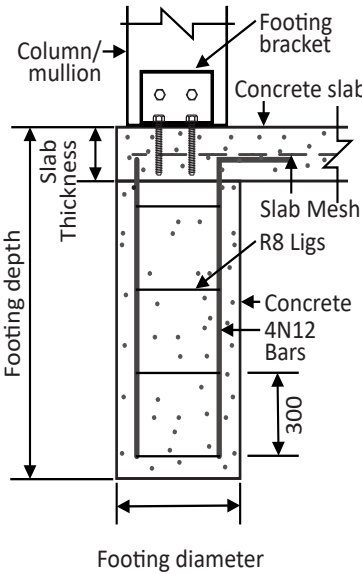


ISO View

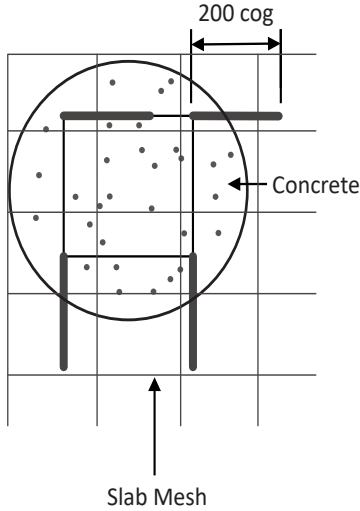


Bored Footing with Slab

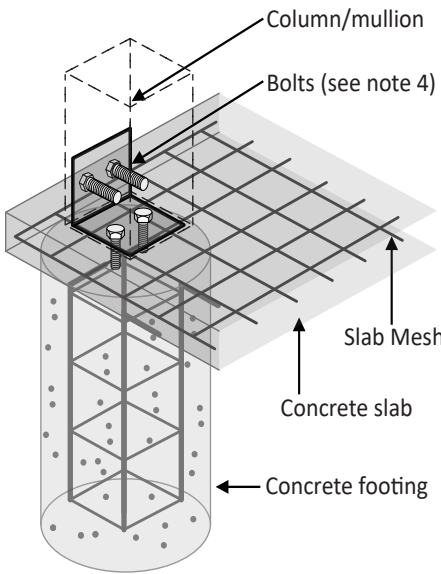
Side View



Plan View

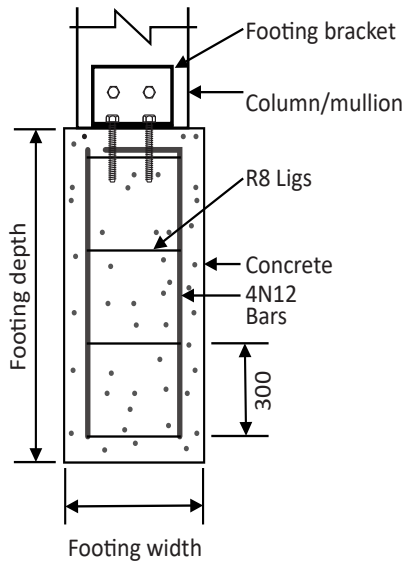


ISO View

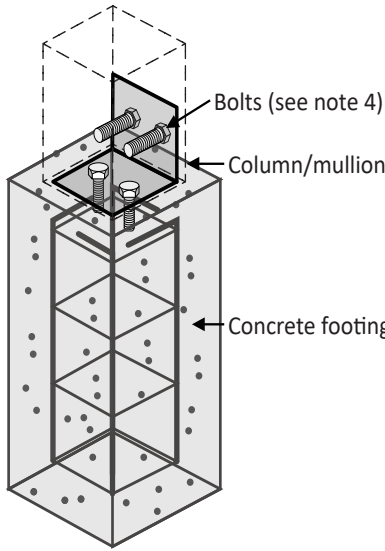
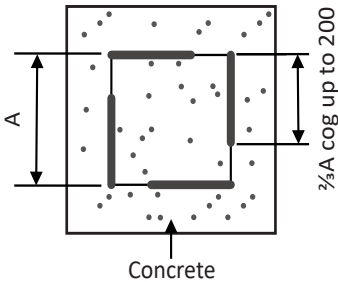


Square Footing

Side View



Plan View



Notes

1. Longitudinal reinforcement shall be 4N12 with cogs at top. R8 ligs at 300 cts. 100 minimum cover.
2. For footing bracket, refer to connection drawing for column fixing detail and connection configuration.
3. All concrete work to be carried out in accordance with AS3600 & AS2870.
4. Anchor quantity is for indicative purpose only.
5. All reinforcements shall conform with AS4671-2001.
6. Care should be taken to ensure that bolts are anchored below without shifting any reinforcement fabric or bars.

7. The typical footing construction notes and details must be read in conjunction with the footing notes. The footings and slab must be constructed with concrete edge beams, internal beams or edge thickening as required.
8. The details are not applicable for sheds supported by raft slab only (i.e. slab with integrated beams).
9. Min. concrete grade for Bored and Square Footing shall be N25. Min. concrete grade for slab shall be N20, refer relevant slab notes and details for more information.
10. Footing shall be founded in natural undisturbed soil with min. 100kpa allowable bearing capacity.

Footing Index Drawings



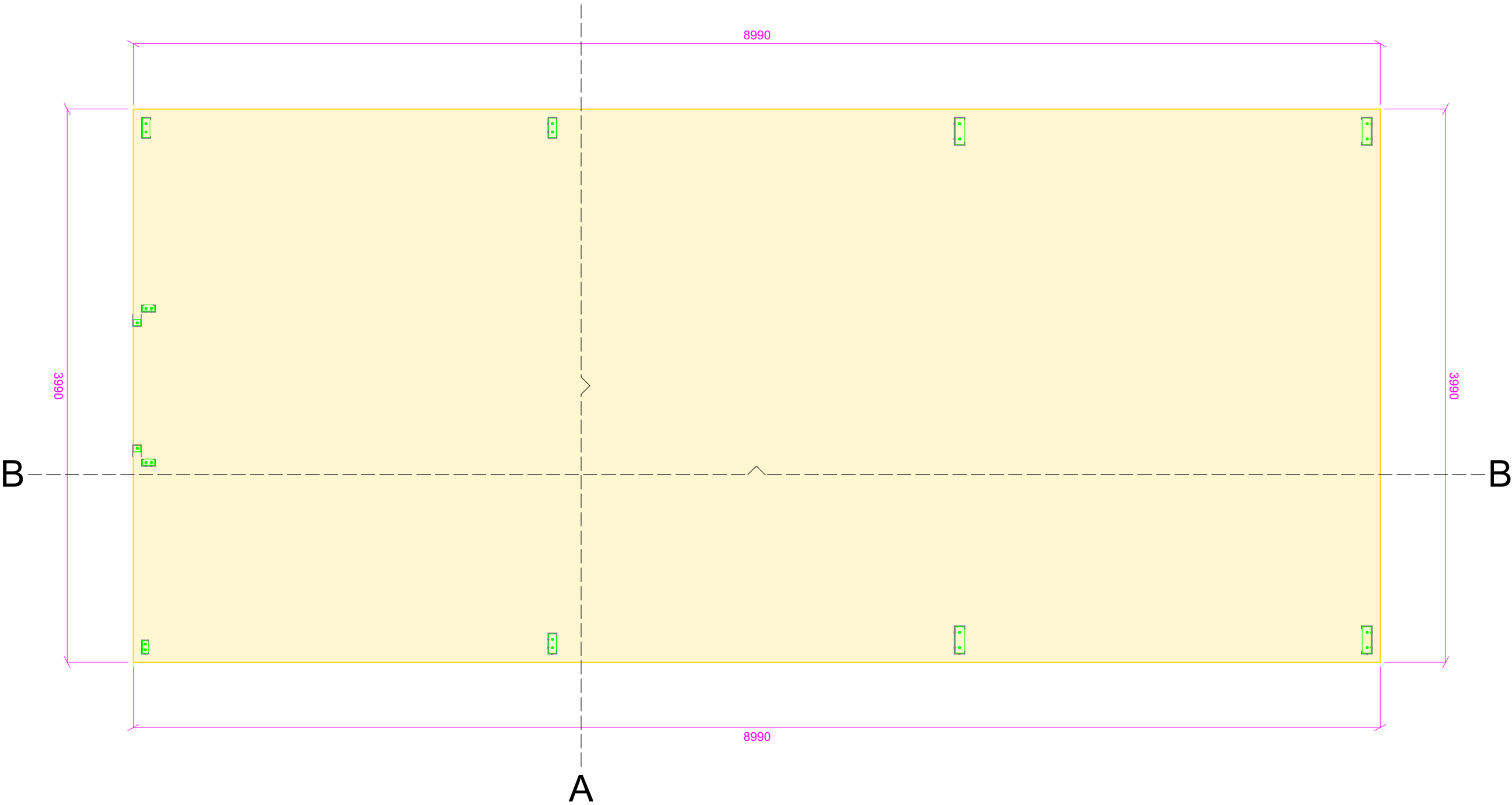
Signed:

Kristian March
CPEng,MIEA(5469730)

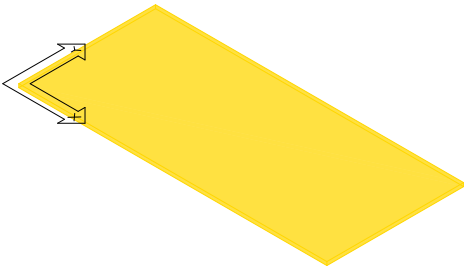
Drawing Number: 17 of 24
Project No: AMS03_266106
Revision: 6 - 25 Jun 2025
1 Dally St
Beaconsfield, TAS 7270
Scale: N/A

NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.

NOTE: Slab edge thickening/s not shown for clarity. Slab Drawings must be read in conjunction with Footing Notes and Details - Industrial Slab, as shown in the last two drawing pages.



Main Gable Plan View



Main Gable

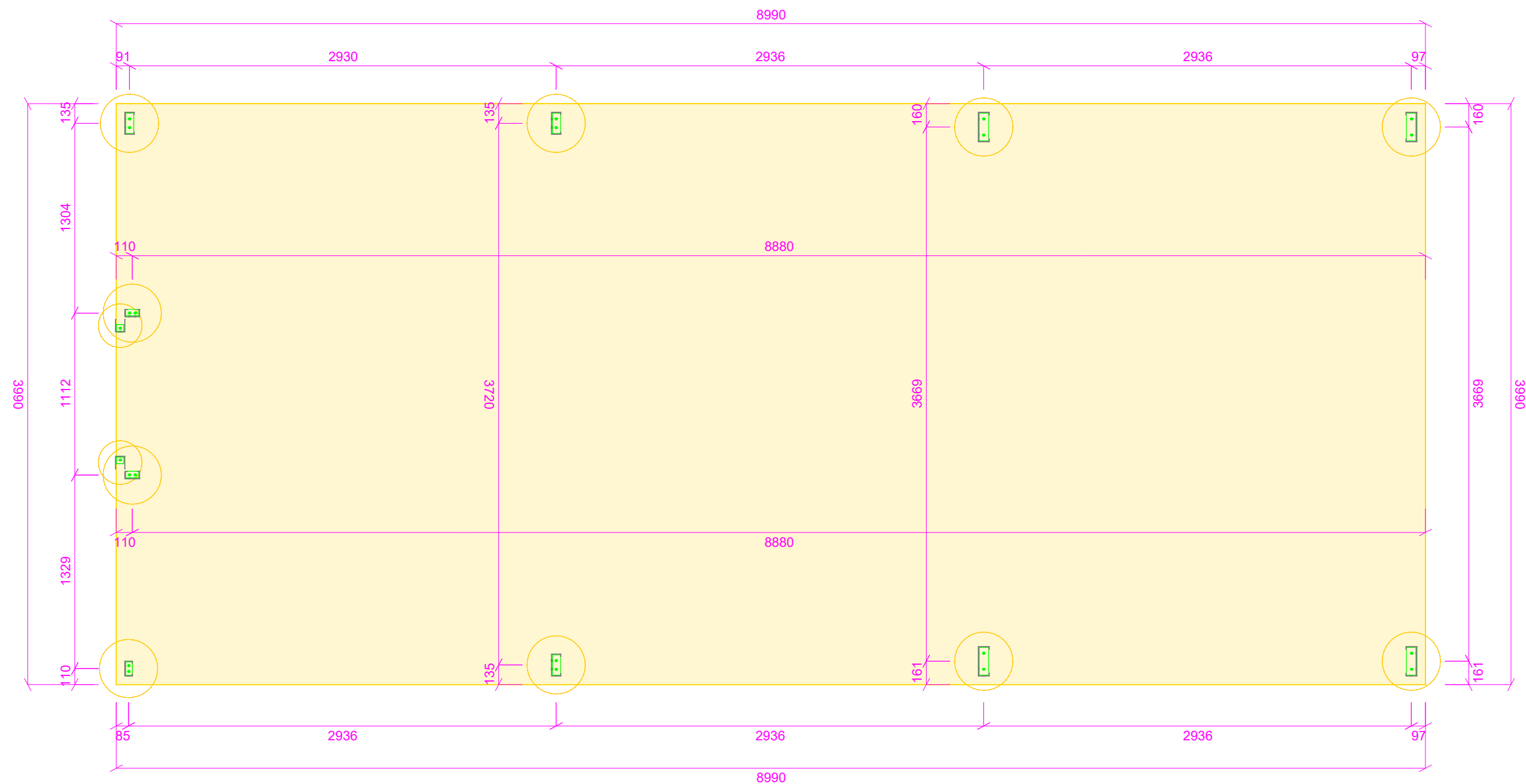


Signed:

Kristian March
CPEng,MIEA(5469730)

Drawing Number: 18 of 24
Project No: AMS03_266106
Revision: 6 - 25 Jun 2025
1 Dally St
Beaconsfield, TAS 7270
Scale: 1 : 35 @ A3

NOTE: Slab edge thickening/s not shown for clarity. Slab Drawings must be read in conjunction with Footing Notes and Details - Industrial Slab, as shown in the last two drawing pages.



Main Gable Columns Plan View



**AUSSIE
MADE
SHEDS**



Upright Engineering



Drawing Number: 19 of 24

Project No: AMS03 266106

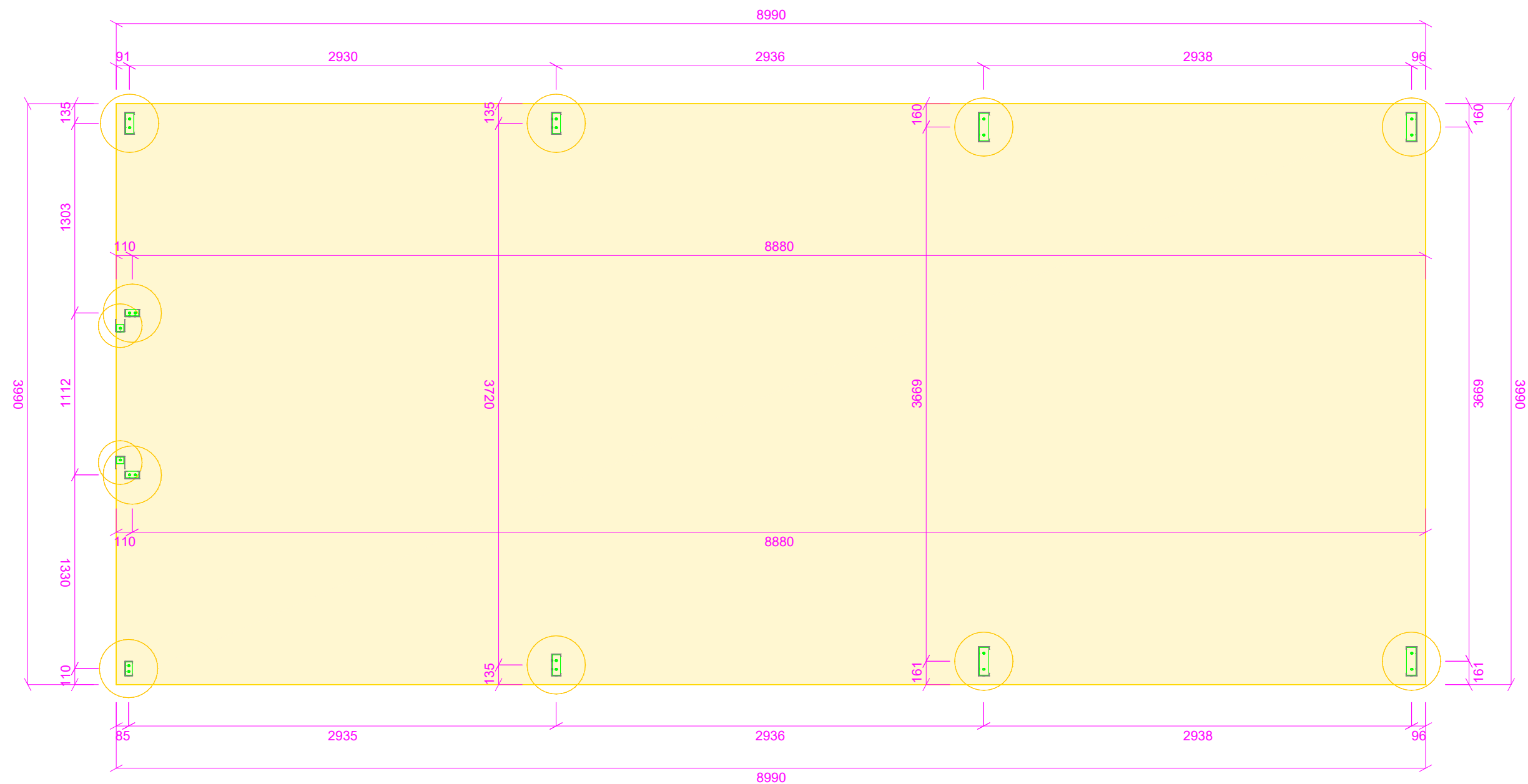
Revision: 6 - 25 Jun 2025

1 Dally St

Beaconsfield, TAS 7270

Scale: 1 : 36 @ A3

NOTE: Slab edge thickening/s not shown for clarity. Slab Drawings must be read in conjunction with Footing Notes and Details - Industrial Slab, as shown in the last two drawing pages.



Main Gable Columns Plan View



**AUSSIE
MADE
SHEDS**



Upright
Engineering



Drawing Number: 20 of 24

Project No: AMS03 266106

Revision: 6 - 25 Jun 2025

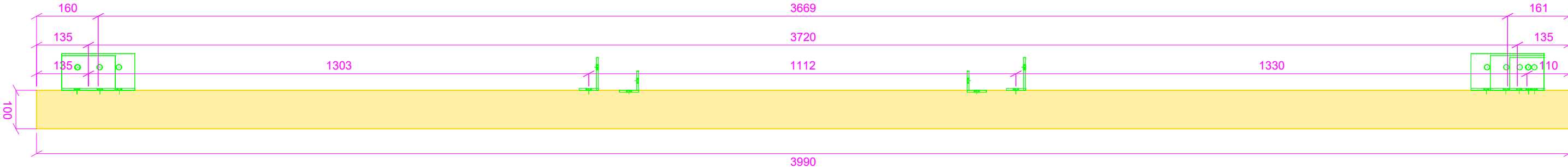
1 Dally St

Beaconsfield, TAS 7270

Scale: 1 : 36 @ A3

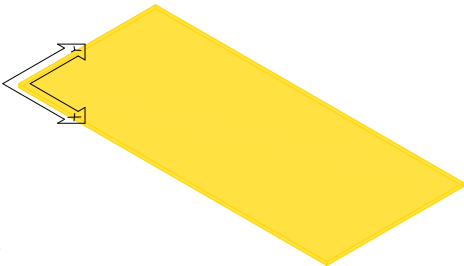
NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.

NOTE: Slab edge thickening/s not shown for clarity. Slab Drawings must be read in conjunction with Footing Notes and Details - Industrial Slab, as shown in the last two drawing pages.



ALL MEMBER DIMENSIONS FROM
> PLATE HOLES CENTRE <

Main Gable Cross-Section AA



Main Gable



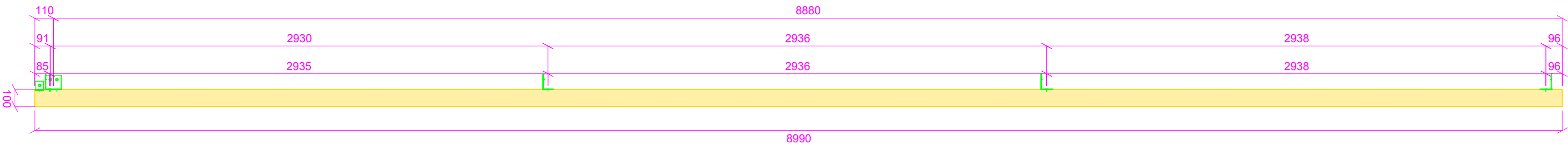
Signed:

Kristian March
CPEng,MIEA(5469730)

Drawing Number: 21 of 24
Project No: AMS03_266106
Revision: 6 - 25 Jun 2025
1 Dally St
Beaconsfield, TAS 7270
Scale: 1 : 11 @ A3

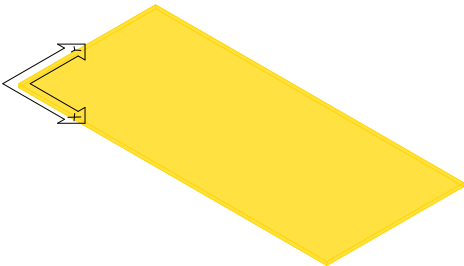
NOTE: Construction drawings must be used in conjunction with the Shed Plus Installation Manual.

NOTE: Slab edge thickening/s not shown for clarity. Slab Drawings must be read in conjunction with Footing Notes and Details - Industrial Slab, as shown in the last two drawing pages.



ALL MEMBER DIMENSIONS FROM
> PLATE HOLES CENTRE <

Main Gable Cross-Section BB



Main Gable



Signed:

Kristian March
CPEng,MIEA(5469730)

Drawing Number: 22 of 24
Project No: AMS03_266106
Revision: 6 - 25 Jun 2025
1 Dally St
Beaconsfield, TAS 7270
Scale: 1 : 24 @ A3

FOOTING NOTES AND DETAILS – INDUSTRIAL SLAB

Site Preparation Notes

1. These notes apply to structures that are outside the scope of AS 2870-2011 – Residential Slabs and Footings.
2. A geotechnical engineer shall be engaged to undertake an site investigation for: Climate zone, site classification, extent and depth of existing fill, size and location of existing trees, ground water level, abnormal moisture conditions, soil types and bearing capacities, new footing depths and capacities, suitable soil and compaction details for new fill.
3. Drainage shall be provided to prevent the ground surface and exposed subsurface soil from becoming saturated.
4. Stop work when the ground surface and/or the subsurface soils are saturated and/or weak.
5. Commence work only when the ground surface and/or the subsurface soils have sufficient strength.
6. Subgrade procedure:

Remove all topsoil, vegetable matter and other deleterious materials. Stockpile topsoil for landscaping.

Cut subgrade to produce finish levels shown on drawings and remove any existing fill material.

Subgrade's upper surface shall be within 95% to 115% of its optimum moisture content and compacted to 95% Reinforcement of its maximum dry density to an approved method in AS 1289.
7. Proof roll subgrade before placing any fill material. Refer to note below for details.
8. Fill material procedure:

Refer to geotechnical report for compaction procedure for approved fill to be placed on the building’s footprint.

Fill material shall be granular material or fill approved by the geotechnical engineer placed in 200mm loose layers.

Fill material shall be at its optimum moisture content and compacted to 100% of its maximum dry density to an approved method in AS 1289.

Proof roll subgrade all fill material. Refer to note below for details.
9. Proof rolling procedure:

The site shall be subjected to a minimum of 3 passes each way with a 2 tonne (minimum) smooth wheel vibrating roller.

All soft/weak areas of fill material shall be reworked to achieve the acceptable standard.
10. Vapour barrier 0.2mm thick polyethylene shall be installed on top of compacted fill/subbase with 200 minimum lapped joints.
11. A subbase placed on top of weak subgrade or engineered fill provides a good working platform:

An unbound subbase shall be a mixture of sand, sand-gravels, crushed rock, or crushed/granulated slag with PI < 6% and LL < 25%.

A bound subbase (cement-treated crushed rock) shall have a strength of 2MPa in 7 days.

A subbase placed on top of compacted subgrade results in an increased CBR:

T48, Figure 1.26	Strengthened subgrade strength (CBR,%) for concrete thickness design		
No subbase	10	3	2
100mm unbound subbase	13	4	3
100mm bound subbase	31	13	10
125mm bound subbase	37	16	12
150mm bound subbase	44	20	15

FOOTING NOTES AND DETAILS – INDUSTRIAL SLAB

Design Notes

1. These notes apply to structures that are outside the scope of AS 2870-2011 – Residential Slabs and Footings.
2. Industrial slabs are designed in accordance with T48 - Guide to Industrial Floors & Pavements by CCAA, 2009.
3. AS/NZS 1170.1 - Permanent, imposed & other actions: Wheel load, Uniformly-distributed load and Post load.
4. General mass limit for trucks: Dependant upon concrete/subgrade strengths and load configuration.
5. Forklift truck limit: Dependant upon concrete/subgrade strengths and load configuration.
6. Concrete shrinkage will cause random cracking in a slab. Adding saw cuts at 6m centres within 72 hours of placing the concrete can reduce and control this type of damage. An experienced operator shall make 3 to 5mm wide saw cuts with a depth of 0.35 x slab depth
7. Dowelled joints can be added to a slab to control its expansion/contraction. It shall be designed to support the imposed loads.
8. Slab reinforcement (below) shall have 30mm top concrete cover:

Reinforcement in top face	Slab Thickness mm	Max. length of slab or saw-cuts cts, m
SL102	150	43
SL92	150	35
SL82	125	33
SL72	125	26
SL62	100	26
SL52	100	16

9. The punching shear resistance of a slab shall comply with AS 3600-2018, Clause 9.3.3. Refer to the table below:

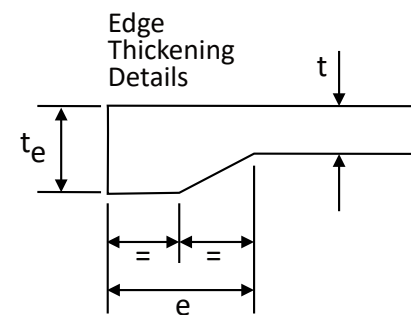
Concrete slab thickness t, mm	Load perimeter mm	Punching capacity, kN		
		32MPa	25MPa	20MPa
100 (0.9*100 = 90) Reinforcement excluded	100 x 100	105.2	93.0	83.2
	125 x 125	117.1	105.3	94.2
	150 x 150	132.9	117.5	105.1
	175 x 175	146.8	129.7	116.1
	200 x 200	160.6	142.0	127.0
125 (0.9*125 = 113) Reinforcement excluded	100 x 100	147.1	130.1	116.3
	125 x 125	164.4	145.4	130.0
	150 x 150	181.8	160.7	143.7
	175 x 175	199.1	176.0	157.4
	200 x 200	216.4	191.3	171.1
150 (0.9*150 = 135) Reinforcement excluded	100 x 100	195.3	172.6	154.4
	125 x 125	216.0	190.9	170.8
	150 x 150	236.8	209.3	187.2
	175 x 175	257.6	227.7	203.6
	200 x 200	278.3	246.0	220.1

Use T48, page 38: Slab depth dom = 0.9*t, mm

FOOTING NOTES AND DETAILS – INDUSTRIAL SLAB

Design Notes Continued

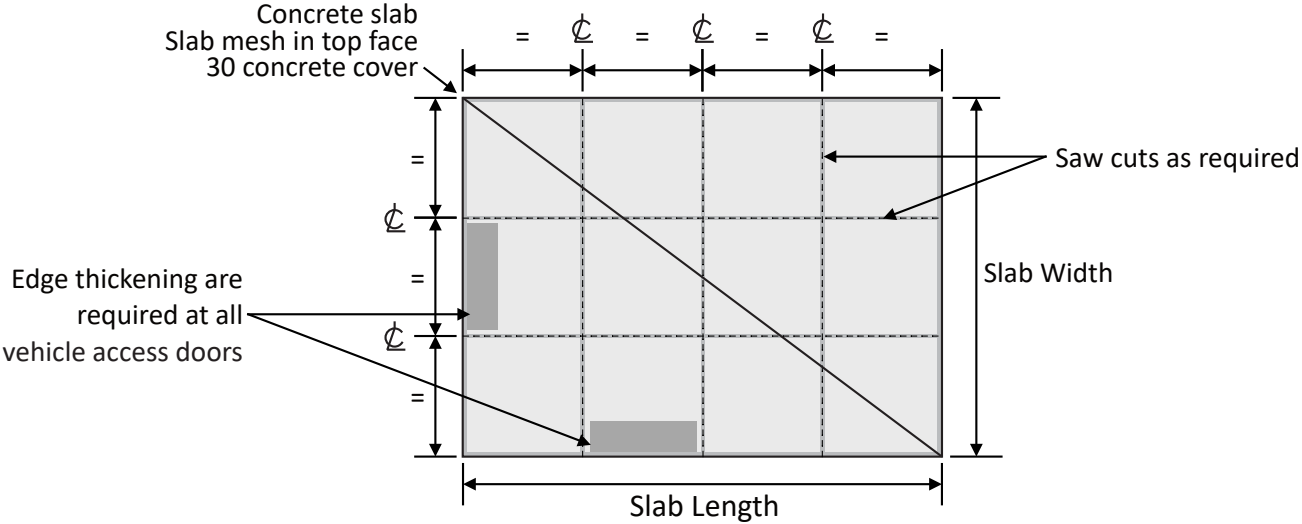
10. For sites with medium-strength subgrade (natural soil) down to rock at 5m with Californian Bearing Ratio (CBR) of 3%. The load capacity for slab thickness are calculated from CCAA Guide T48 - Guide to Industrial Floors and Pavements, 2009, as below:
- Light vehicles (2.5 tonne) or forklift truck (1.0 tonne capacity)**, use 100mm thick (t), 20 MPa, 150mm deep (te) x 830mm wide (e) edge thickening at vehicle access doors, SL72 top face with 30mm top cover, 30mm deep saw cuts at 6m centres.
- Medium vehicles (10 tonne) or forklift truck (3.5 tonne capacity)**, use 150mm thick (t), 25 MPa, 270mm deep (te) x 1240mm wide (e) edge thickening at vehicle access doors, SL72 top face with 30mm top cover, 30mm deep saw cuts at 6m centres.
- Sites with another subgrade and other loading conditions require specific slab designs.



11. Residential Stiffened Raft Slab design complied with AS2870 - Residential Slabs and Footings is available when required.

FOOTING NOTES AND DETAILS – INDUSTRIAL SLAB

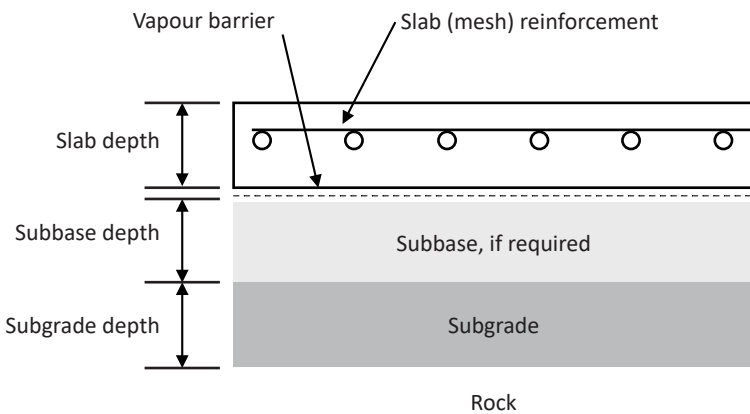
Typical Industrial Slab Plan



Slab Notes

Refer to Design Note 6 for saw cuts and Notes 7 and 8 for slab lengths.

Typical Industrial Slab Detail



 	Signed:  Kristian March CPEng,MIEA(5469730)	Drawing Number: 24 of 24
		Project No: AMS03_266106
		Revision: 6 - 25 Jun 2025
		1 Dally St
		Beaconsfield, TAS 7270
Scale: 1 : 24 @ A3		