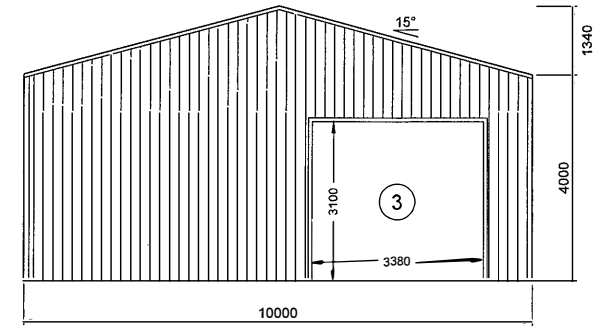


2 NORTH ELEVATION  
2

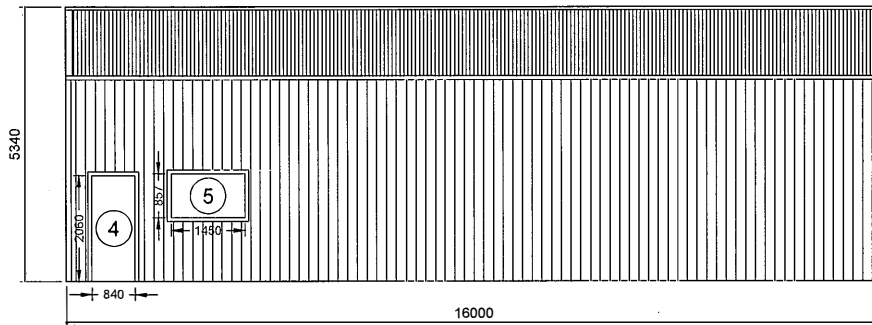
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3 EAST ELEVATION  
2

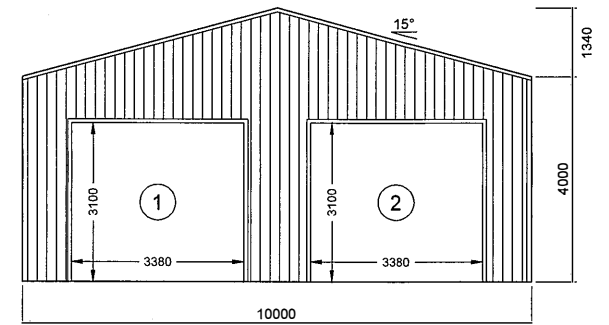
SCALE: 1:100

FRAME #5



1 SOUTH ELEVATION  
2

SCALE: 1:100



4 WEST ELEVATION  
2

SCALE: 1:100

FRAME #1

REV	DATE	DESCRIPTION
A	06-03-2025	-

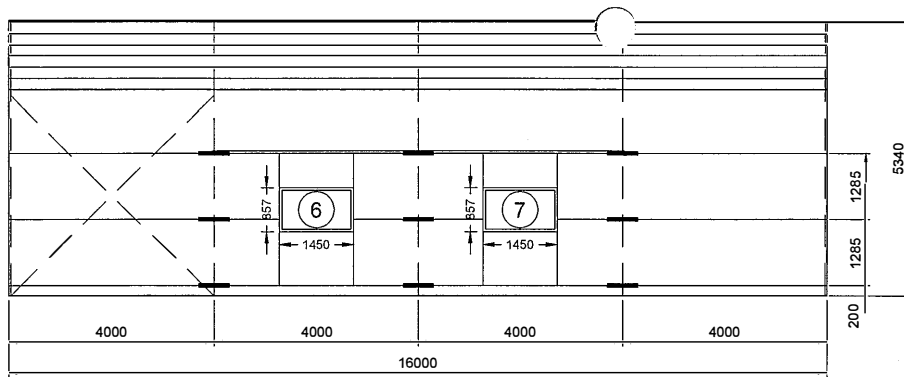


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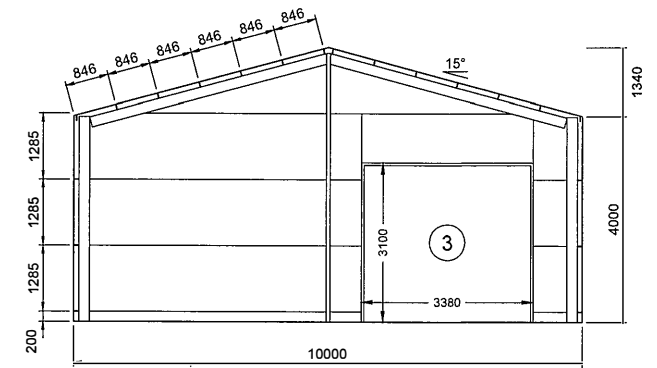
Signed *Grant J Wood* Date: 06-03-2025  
Grant J Wood MIEAust CPeng NER RPEQ  
Registered EA Chartered Professional Engineer (No. 2383098)  
Registered Professional Engineer QLD (No. 14384)  
Registered Civil Engineer Building Practitioner VIC (No. PE0002469)  
Registered Certifying Engineer (Structural) NT (No. 20837153)  
Building Services Provider (Engineer Civil) TAS (No. 48030425)

Customer Name: Belinda Krueger  
Site Address: 235 Gerogery West Road  
Gerogery West,  
NSW, 2642

DATE 06-03-2025  
JOB NO. ZQEB98987747  
SHEET 2 of 11

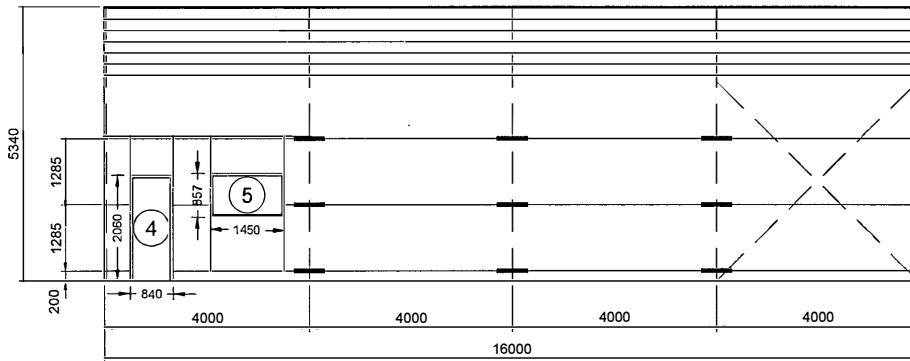


2 SIDEWALL B FRAMING ELEVATION  
3 SCALE: 1:100

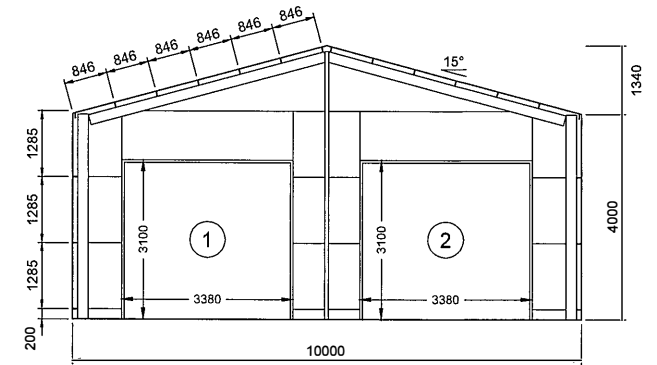


3 REAR FRAMING ELEVATION  
3 SCALE: 1:100

FRAME #5



1 SIDEWALL A FRAMING ELEVATION  
3 SCALE: 1:100



4 FRONT FRAMING ELEVATION  
3 SCALE: 1:100

FRAME #1

REV	DATE	DESCRIPTION
A	06-03-2025	-

**COLD FORMED BUILDINGS**

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ACT BUILDING SYSTEMS

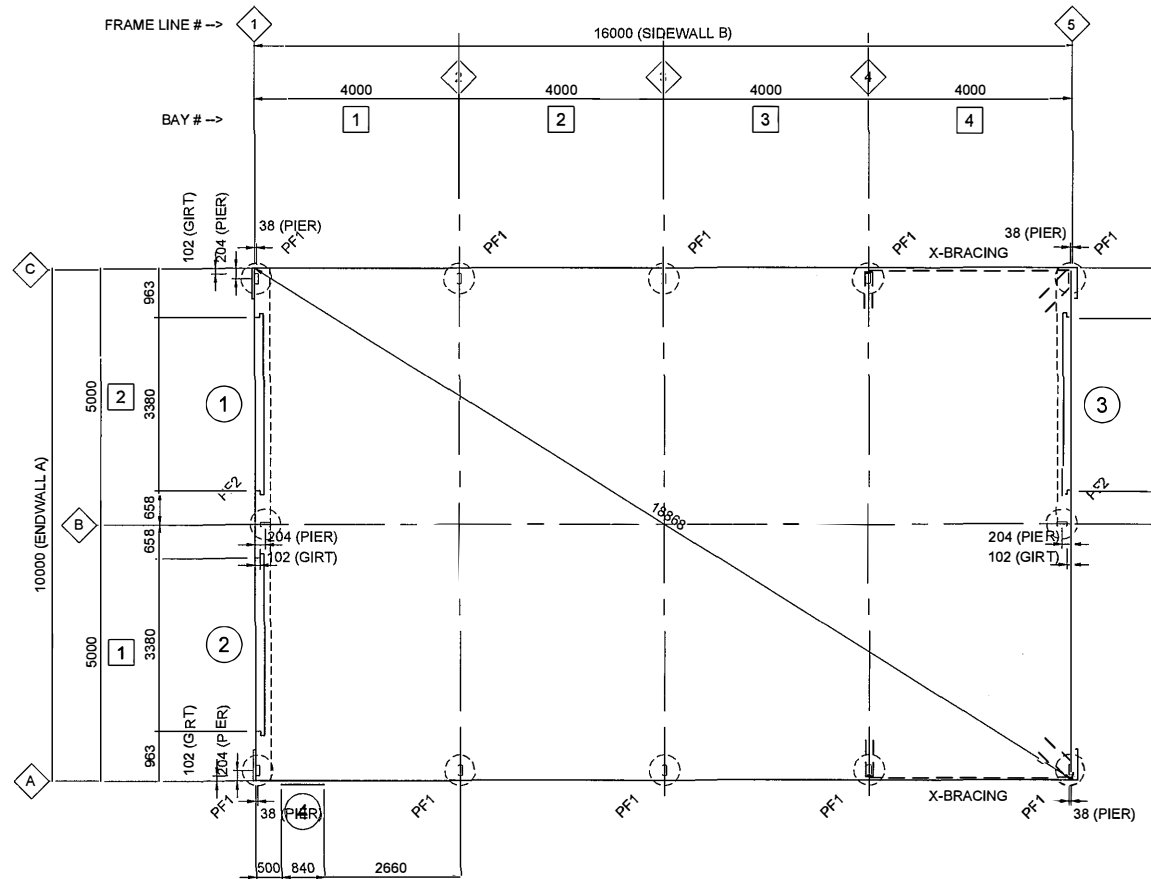
**VENN ENGINEERING**

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ABN 39 626 802 257

Signed *[Signature]* Date 06-03-2025  
Grant J Wood MIEAust CP Eng NER RPEQ  
Registered CA Chartered Professional Engineer (No. 2883059)  
Registered Professional Engineer QLD (No. 14384)  
Registered Civil Engineer Building Practitioner VIC (No. PE0027498)  
Registered Civil Engineering (Structural) NT (No. 3083711E)  
Building Services Provider (Engineer Civil) TAS (No. 606320425)

Customer Name: Belinda Krueger  
Site Address: 235 Gerogery West Road  
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DATE 06-03-2025  
JOB NO. ZQEB98987747  
SHEET 3 of 11



# 1 4

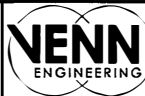
## FOOTING/SLAB FLOOR PLAN

SCALE: 1:100 PF1 - 600Ø REINFORCED CONCRETE PIERS TO DETAIL  
PF2 - 600Ø REINFORCED CONCRETE PIERS TO DETAIL

SLAB IS DESIGNED FOR CARS AND LIGHT VANS  
NOT EXCEEDING 3500kg GROSS MASS

CONCRETE CONTROL JOINTS SHALL BE PROVIDED IN SLAB TO DETAIL AT  
NOT MORE THAN 10m CENTRES IN EACH DIRECTION, APPROXIMATELY  
EQUALLY SPACED AND LOCATED APPROXIMATELY MIDWAY BETWEEN  
COLUMNS/MULLIONS

REV	DATE	DESCRIPTION
A	06-03-2025	-

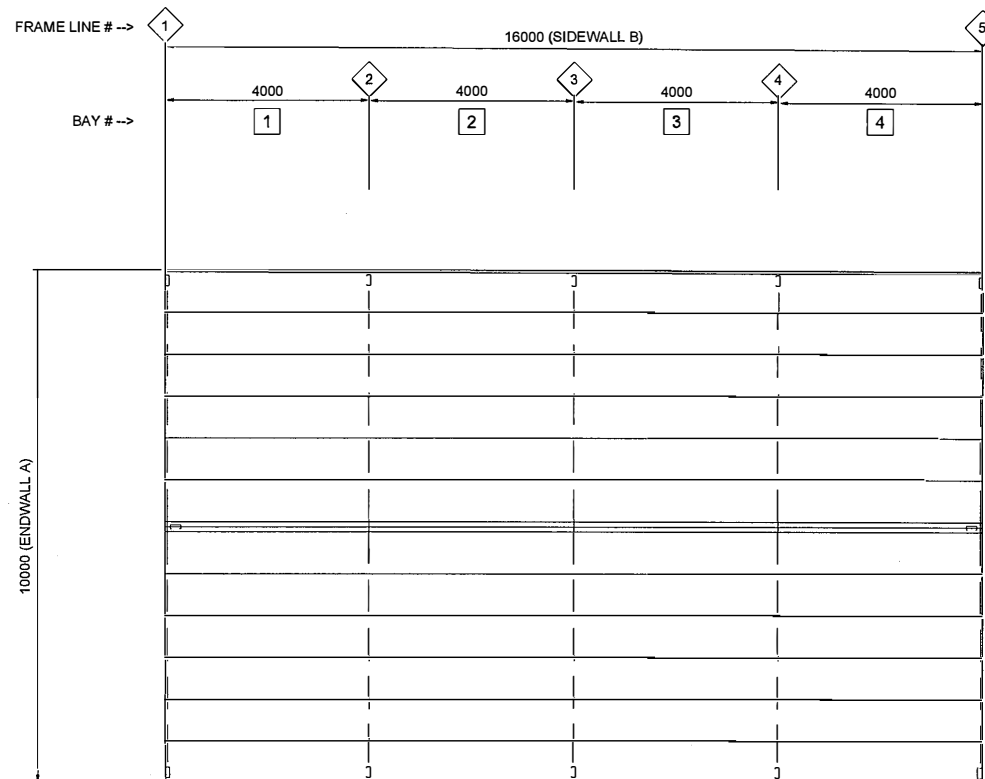


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Signed *Grant J Wood* Date 06-03-2025  
Grant J Wood MIEAust CPeng NER RPEQ  
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Registered Professional Engineer (No. 14384)  
Registered Civil Engineer Building Practitioner VIC (No. PE0003488)  
Registered Civil Engineer (Structural) NT (No. 3183715)  
Building Services Provider (Engineer Civil) TAS (No. 690362423)

Customer Name: Belinda Krueger  
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DATE 06-03-2025  
JOB NO. ZQEB98987747  
SHEET 4 of 11



# 1 ROOF FRAMING PLAN 5

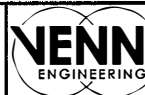
SCALE: 1:100

ROOF SHEETING IS USED AS DIAPHRAGM TO BRACE THE BUILDING AND IS NOT TO BE CUT UNDER ANY CIRCUMSTANCES

REV	DATE	DESCRIPTION
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Signed *[Signature]* Date 06-03-2025  
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Registered Professional Engineer (No. 14354)  
Registered Civil Engineer Building Practitioner VIC (No. PE0057488)  
Registered Civil Engineer (Structural) NT (No. 30037163)  
Building Services Provider (Engineer Civil) TAS (No. 600930425)

Customer Name: Belinda Krueger  
Site Address: 235 Gerogery West Road  
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NSW, 2642

DATE 06-03-2025  
JOB NO. ZQEB98987747  
SHEET 5 of 11



<b>F4</b>	<b>G1</b>	<b>G2</b>
<b>F1</b>	<b>F2</b>	<b>F3</b>

DETAIL DIMENSIONS ARE SHOWN IN MM UNLESS SPECIFIED OTHERWISE

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COLD FORMED BUILDINGS



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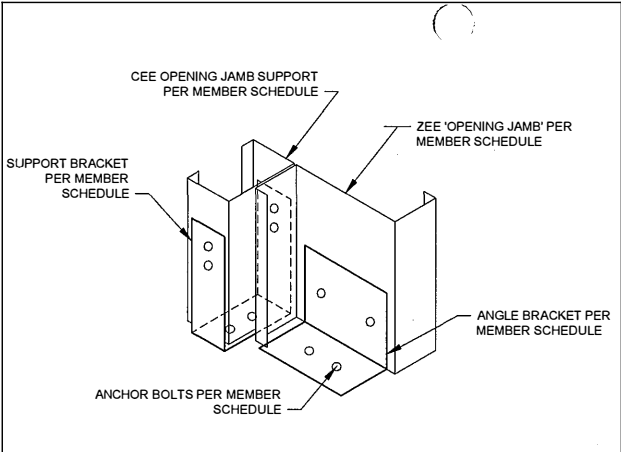
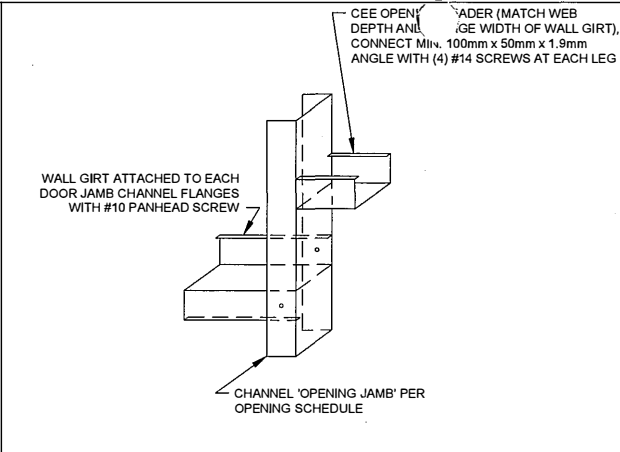
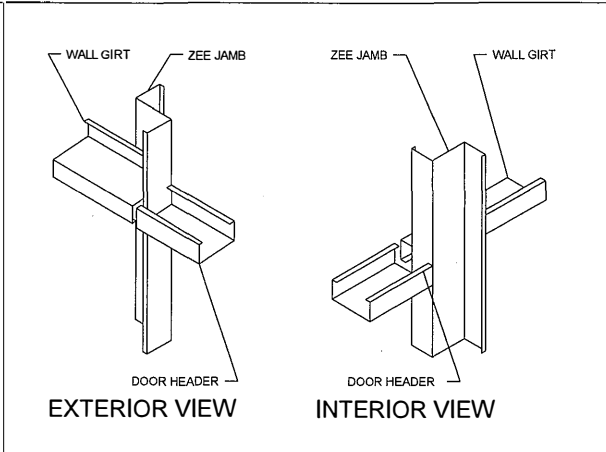
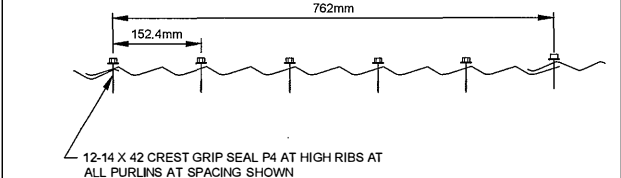
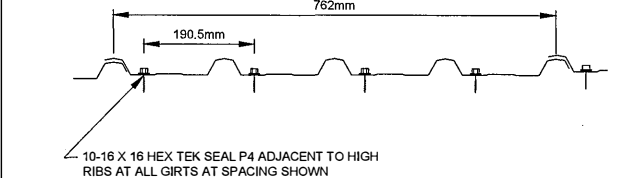
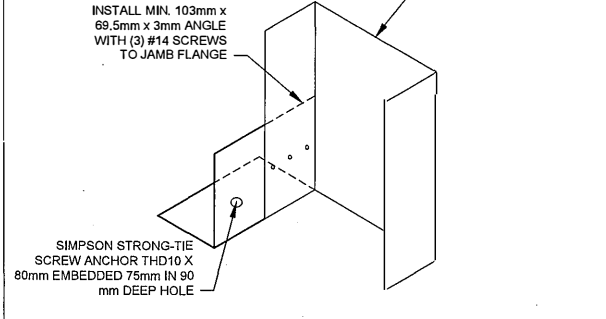
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Signed  Date 06-03-2025

Grant J Wood MIEAust CPEng NER RPEQ  
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Registered Civil Engineer Building Practitioner VIC (No. P16202498)  
Registered Consulting Engineer (Structural) NT (No. 15057163)  
Building Services Provider (Engineer) Civil TAS (No. 65010425)

Customer Name: Belinda Krueger  
Site Address: 235 Gerogery West Road  
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DATE 06-03-2025  
JOB NO. ZQE898987747  
SHEET 7 of 11

 <p>CEE OPENING JAMB SUPPORT PER MEMBER SCHEDULE</p> <p>SUPPORT BRACKET PER MEMBER SCHEDULE</p> <p>ZEE 'OPENING JAMB' PER MEMBER SCHEDULE</p> <p>ANGLE BRACKET PER MEMBER SCHEDULE</p> <p>ANCHOR BOLTS PER MEMBER SCHEDULE</p>	 <p>CEE OPENING JAMB SUPPORT PER MEMBER SCHEDULE</p> <p>WALL GIRTS ATTACHED TO EACH DOOR JAMB CHANNEL FLANGES WITH #10 PANHEAD SCREW</p> <p>CHANNEL 'OPENING JAMB' PER OPENING SCHEDULE</p> <p>ADDER (MATCH WEB OF WALL GIRTS) CONNECT MIN. 100mm x 50mm x 1.9mm ANGLE WITH (4) #14 SCREWS AT EACH LEG</p>	 <p>WALL GIRTS</p> <p>ZEE JAMB</p> <p>DOOR HEADER</p> <p>EXTERIOR VIEW</p> <p>INTERIOR VIEW</p>
<p><b>J2</b></p> <p><b>OPENING COMPOSITE JAMB BASE CONNECTION</b></p> <p>NOTE: ONLY STRUCTURAL INFORMATION IS INCLUDED IN THIS DETAIL. CONSULT PANEL MANUFACTURER FOR ADDTL WEATHERTIGHTNESS RECOMMENDATIONS.</p>  <p>152.4mm</p> <p>762mm</p> <p>12-14 X 42 CREST GRIP SEAL P4 AT HIGH RIBS AT ALL PURLINS AT SPACING SHOWN</p> <p>Stramit Corro 0.42</p>	<p><b>K1</b></p> <p><b>OPENING CHANNEL JAMB GIRTS CONNECTION</b></p> <p>NOTE: ONLY STRUCTURAL INFORMATION IS INCLUDED IN THIS DETAIL. CONSULT PANEL MANUFACTURER FOR ADDTL WEATHERTIGHTNESS RECOMMENDATIONS.</p>  <p>190.5mm</p> <p>762mm</p> <p>10-16 X 16 HEX TEK SEAL P4 ADJACENT TO HIGH RIBS AT ALL GIRTS AT SPACING SHOWN</p> <p>Stramit Monoclad 0.42</p>	<p><b>K2</b></p> <p><b>OPENING ZEE JAMB GIRTS CONNECTION</b></p>  <p>CHANNEL 'OPENING JAMB' PER MEMBER SCHEDULE</p> <p>INSTALL MIN. 103mm x 69.5mm x 3mm ANGLE WITH (3) #14 SCREWS TO JAMB FLANGE</p> <p>SIMPSON STRONG-TIE SCREW ANCHOR THD10 X 80mm EMBEDDED 75mm IN 90mm DEEP HOLE</p>
<p><b>H</b></p> <p><b>ROOF SHEETING</b></p>	<p><b>I</b></p> <p><b>WALL SHEETING</b></p>	<p><b>J1</b></p> <p><b>PA DOOR JAMB BASE CONNECTION</b></p>

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COLD FORMED BUILDINGS

ANOTHER COLD FORMED BUILDING DESIGNED BY ACT BUILDING SYSTEMS



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Signed  Date 06-03-2025

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Registered Professional Engineer Q.L.D. (No. 143361)  
Registered Civil Engineer Building Practitioner VIC (No. PE002488)  
Registered Civil Engineering Professional (Licentiate) NT (No. 318371815)  
Building Services Provider (Engineer Civil) T.A.S. (No. 65030425)

Customer Name: Belinda Krueger  
Site Address: 235 Gerogery West Road  
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NSW, 2642

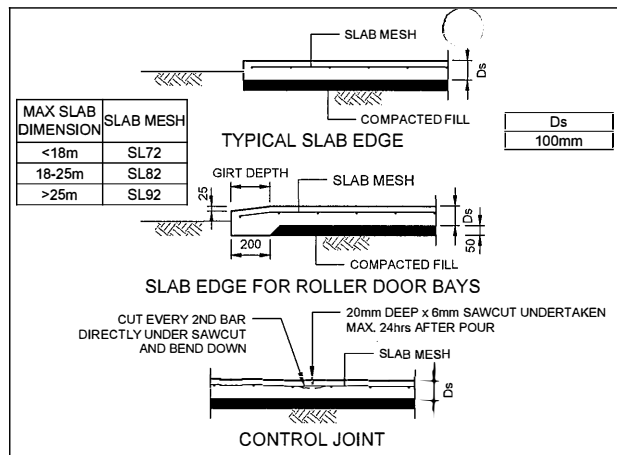
DATE 06-03-2025  
JOB NO. ZQEB98987747  
SHEET 8 of 11



<p><b>EXTERIOR VIEW</b>      <b>PLAN VIEW</b></p>	<p>ENDWALL: N/A SIDEWALLS &amp; ROOF: SGL. 50MM 1.2MM STRAP WITH (4) #14 SCREWS EACH END</p> <p>NOTES: 1) CONNECT STRAP AT TOP OF ADJACENT COLUMN OR RAFTER IN SAME MANNER. 2) IF DOUBLE STRAPS ARE SPECIFIED ABOVE, INSTALL SIDE-BY-SIDE, NOT ON TOP OF EACH OTHER.</p>	<p><b>CEE EAVE PURLIN BRACKET</b></p>
<p><b>L4</b>      <b>COMPOSITE JAMB CONNECTION</b></p>	<p><b>M</b>      <b>ROOF AND WALL X-BRACING CONNECTION</b></p>	<p><b>O</b>      <b>EAVE PURLIN BRACKET</b></p>
<p><b>CHANNEL JAMB TO HEADER GIRT CONNECTION</b></p>	<p><b>EXTERIOR VIEW</b></p>	<p><b>ZEE JAMB TO RAFTER</b></p>
<p><b>L1</b>      <b>CHANNEL JAMB TO HEADER GIRT CONNECTION</b></p>	<p><b>L2</b>      <b>ZEE JAMB TO ZEE HEADER GIRT CONNECTION</b></p>	<p><b>L3</b>      <b>ZEE JAMB TO RAFTER</b></p>

DETAIL DIMENSIONS ARE SHOWN IN MM UNLESS SPECIFIED OTHERWISE

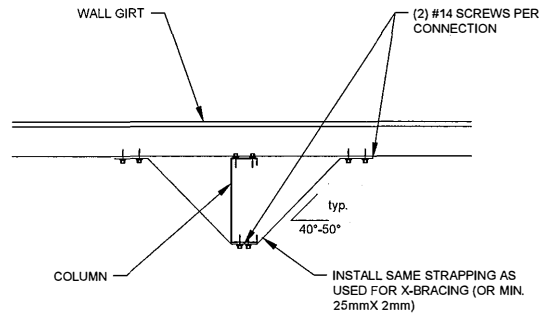
REV   DATE   DESCRIPTION			<div>COLD FORMED BUILDINGS</div> <div>AND OTHER COLD FORMED BUILDING DESIGNED BY ACT BUILDING SYSTEMS</div> <div></div> <div></div> <div>PO Box 3084 THIRROUL NSW 2515 sheds@venn.engineering ABN 39 626 802 257</div> <div>Signed  Date 06-03-2025</div> <div>Grant J Wood MIEAust CPEng NER RPEQ Registered CA Chartered Professional Engineer (No. 2383009) Registered Professional Engineer (No. 19349) Registered Civil Engineer Building Practitioner VIC (No. PE002488) Registered Consulting Engineer (Structural) NT (No. 30037153) Building Services Provider (Engineer Civil) TAS (No. 68092425)</div> <div>Customer Name: Belinda Krueger Site Address: 235 Gerogery West Road Gerogery West, NSW, 2642</div> <div>DATE 06-03-2025 JOB NO. ZQEB98987747 SHEET 9 of 11</div>		
A	06-03-2025	-			



Z

## SLAB DETAIL

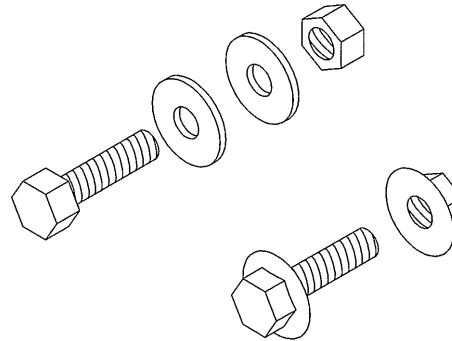
NOTE: SEE ELEVATIONS FOR LOCATIONS OF FLYBRACING.



P

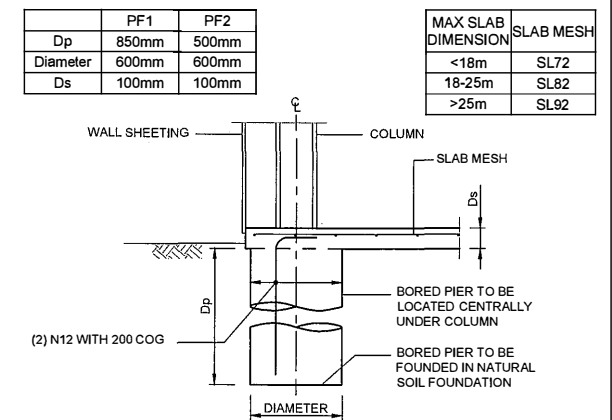
## FLYBRACING CONNECTION

ALL NUTS AND BOLTS TO HAVE WASHER OR FLANGED HEADS



U

## BOLT OPTIONS



Y

## SLAB WITH PIER FOOTING DETAIL

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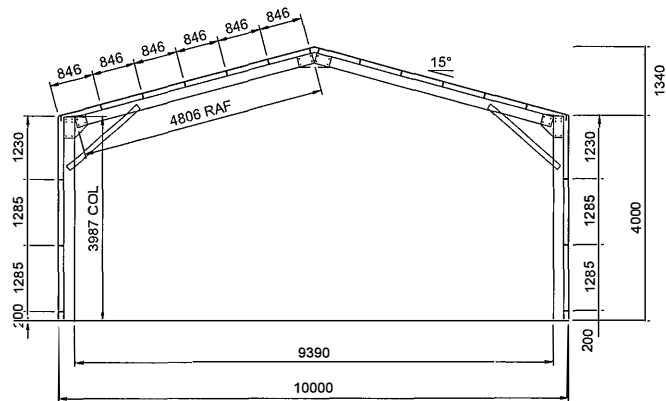


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Grant J Wood MIEAust CPEng NER RPEQ  
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Site Address: 235 Gerogery West Road  
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NSW, 2642

DATE 06-03-2025  
JOB NO. ZQEB98987747  
SHEET 10 of 11



1 INTERNAL FRAMING ELEVATION  
11 SCALE: 1:100 FRAMES 2-4

MEMBER SCHEDULE			
COMPONENT		TYPE	
CLEAR SPAN PORTAL (FRAMES 2-4)	MEMBER	RAFTER	Single C20024
		COLUMN	Single C20024
		APEX BRACE	-
		KNEE BRACE	Single C10015
	BASE CONN.	BRACKET TYPE	Cast in bracket CBC.200V2
ENDWALL PORTAL (FRAMES 1, 5)	MEMBER	RAFTER	Single C20024
		COLUMN	Single C20024
		APEX BRACE	-
		KNEE BRACE	-
	BASE CONN.	BRACKET TYPE	Cast in bracket CBC.200V2
ENDWALL MULLION	MEMBER	COLUMN	Single C20024
	BASE CONNECTION	BRACKET TYPE	Angle base connection ABC.C200.110
		ANCHOR BOLTS	(2) Powers PTB-ETA1-PRO M12 x 135mm embedded 91mm
ROOF PURLINS		MEMBER	Single Z10012 @ 846mm centres
EAVE PURLIN		MEMBER	Single C10012
SIDEWALL GIRTS		MEMBER	Single Z10015 @ 1285mm centres
ENDWALL GIRTS		MEMBER	Single Z10019 @ 1285mm centres
OPENINGS (1-3)	MEMBER	JAMB	Single Z20019/Single C15012
		HEADER/SILL	Single C10012
	BASE CONNECTION	ZEE BRACKET TYPE	Angle base connection ABC.C200.110
		CEE BRACKET TYPE	Base cleat bolt down bracket BC.150
		ANCHOR BOLTS	(4) Simpson Strong-Tie Screw Anchor THD10 x 80mm embedded 75mm
OPENING (4)	MEMBER	JAMB	Single Unlipped 102 x 1.9 Cee
		HEADER/SILL	Single C10012
	BASE CONNECTION	BRACKET TYPE	Angle base connection ABC.SINGLE
OPENINGS (5-7)	MEMBER	ANCHOR BOLTS	(1) Simpson Strong-Tie Screw Anchor THD10 x 80mm embedded 75mm
		JAMB	Single Unlipped 102 x 1.5 Cee
X-BRACING	STRAP	HEADER/SILL	Single C10012
		STRAP	50mm x 1.2 strap


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Building Services Provider (Engineer Civil) TAS (No. 680030425)

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DATE 06-03-2025  
JOB NO. ZQEB98987747  
SHEET 11 of 11