

30 September 2021

Enquiries: Jenny Elphinstone
Our Ref: EXEM 2021_4369/1 (Doc 1039432)
Your Ref: 20213777

Administration Office
64 - 66 Front St Mossman
P 07 4099 9444
F 07 4098 2902

John Mason
C/ GMA Certification Group Pty Ltd
PO Box 818
PORT DOUGLAS QLD 4877

Email adminpd@gmcert.com.au

Dear Sir / Madam

EXEMPTION CERTIFICATE

Council refers to your request for an exemption certificate for the following premises received on 24 September 2021.

Summary of Exempt Development

Proposed domestic shed to an existing dwelling house. Shed is on land mapped by the Planning scheme Flood and Storm Tide Inundation Hazard and the Bushfire Hazard Overlays.

Location details

Street Address: 11 Melaleuca Drive Cooya Beach
Real Property Description: Lot 8 on RP748641
Local Government Area: Douglas Shire Council

Decision

Council advises that an exemption certificate has been granted on 30 September 2021 for development as detailed in Attachment 1.

Referral agencies

Not Applicable

Reasons for giving exemption certificate

The development is exempt under this certificate under s46(3)(b) of the *Planning Act 2016* for the following reason(s):

- The effects of the development would be minor or inconsequential, considering the circumstances under which the development was categorised as assessable development.

When exemption certificate ceases to have effect

This exemption certificate does not lapse.

Other

Please quote Council's application number: EXEM 2021_ 4369/1 in all subsequent correspondence relating to this request.

Should you require any clarification regarding this matter, please contact Jenny Elphinstone on telephone 07 4099 9444.

Yours faithfully

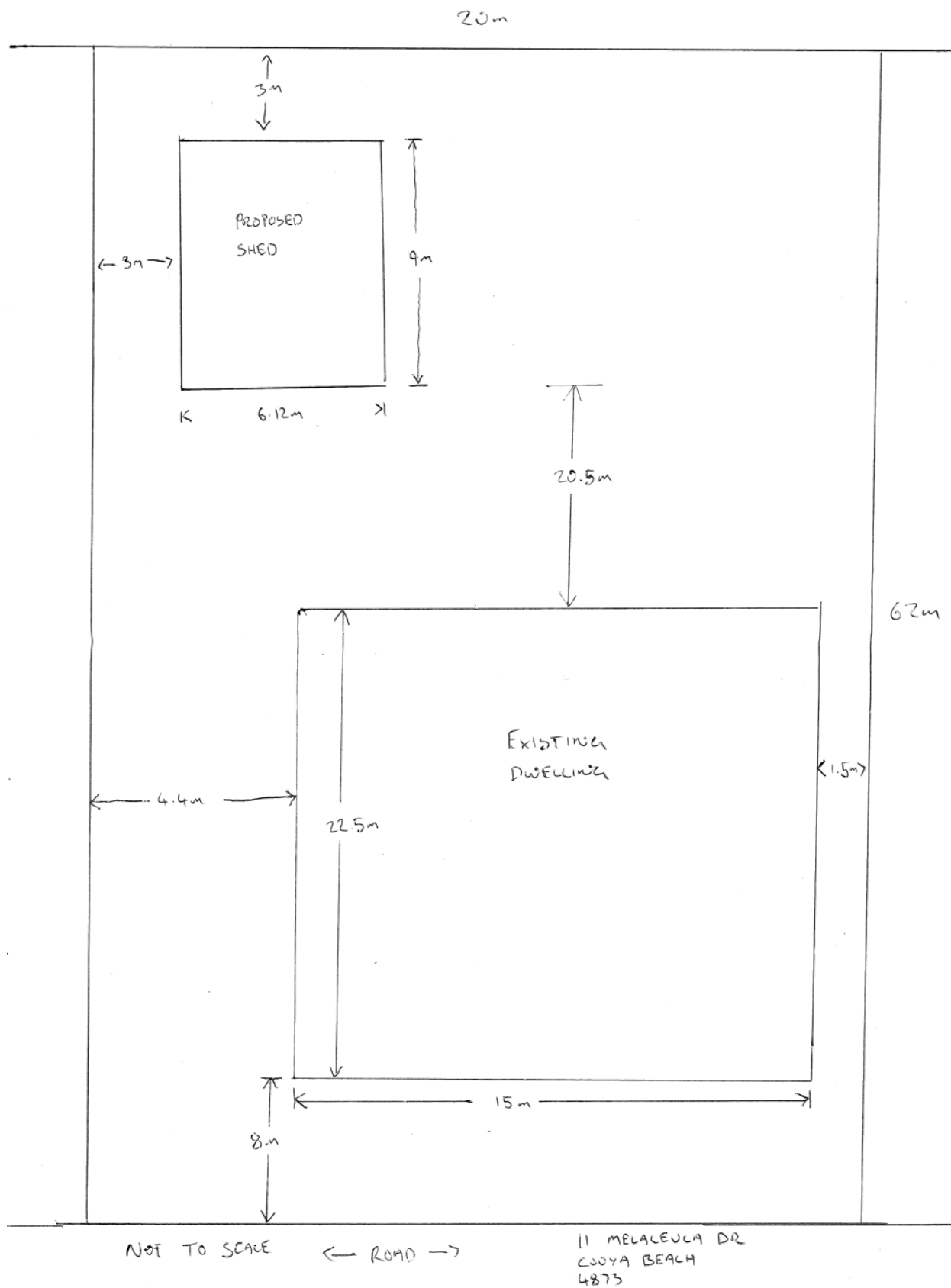


Paul Hoyer
Manager Environment & Planning

cc Emailed to J R Mason johnmason859@gmail.com

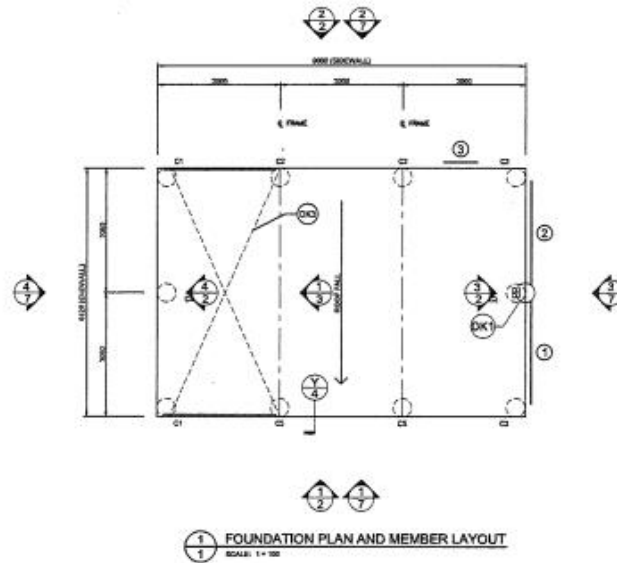
Attachment

1



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IF IN DOUBT, ASK.



DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS TO BE VERIFIED ON SITE.

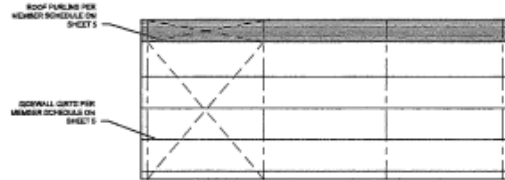
ROOF STRAP BRACING TO BE CONNECTED TO THE PURLIN CLOSEST TO THE LINE OF THE END WALL MULLION
DJ - INDICATES DOOR JAMBS AT THESE LOCATIONS. REFER TO SHEET #4 ON THE DOOR SCHEDULE FOR SIZES

MEMBER LEGEND

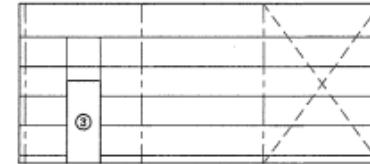
C1	C20015
C2	2C20024
C3	C20019
C4	C15024
C5	2C20019

1 8	SHEET	JOB NO. EDMT16226 2019	DATE 12/8/2021	CHECKED TJM	DRAWN FDS	STEEL BUILDING BY	(CONTACT)	CARDINAL ROOFING AND SHEDS 07 42319696 JOHN MASON 11 MELALEUCA DR COOYA BEACH			Civil & Structural Engineers 50 Purcell Street, Carrara, Qld 4812 Fax: 07 4735 5850 Email: design@northernconsulting.com.au ABN 34 1 026 172 88	Mr Timothy Roy Messer BE MIEAust RPQE
						FOR	AT					Signature

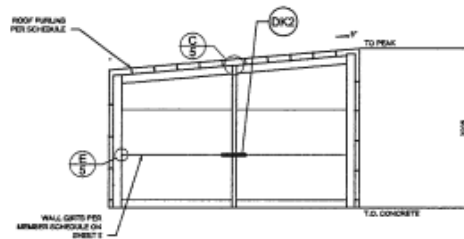
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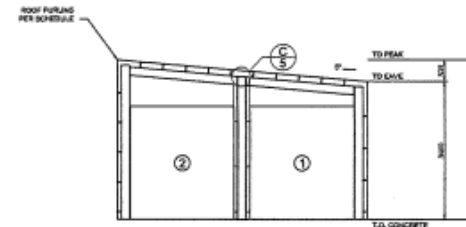
1 SIDEWALL EXTERIOR ELEVATION
2 SCALE: 1:100



2 SIDEWALL EXTERIOR ELEVATION
2 SCALE: 1:100



4 ENDWALL INTERIOR ELEVATION
2 SCALE: 1:100



3 ENDWALL INTERIOR ELEVATION
2 SCALE: 1:100

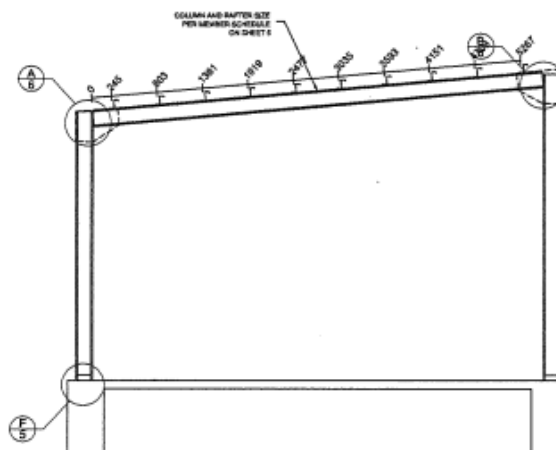
X BRACING IS REQUIRED IN 2 SIDE BAY(S) AND 1 ROOF BAY(S) (BOTH SIDES).
FLY BRACING IS INCLUDED TO BE PLACED ON EVERY SECOND PURLIN AND GIRT ON ENDWALL MULLIONS, INTERNAL COLUMNS AND INTERNAL RAFTERS.

<div style="text-align: center;"> <p>2</p> <p>8</p> </div>	SHEET NO. EDMT18226 2019	DATE 12/01/2021	CHECKED TM	DRAWN FOS	STEEL BUILDING BY CARDINAL ROOFING AND SHEDS (CONTACT) 07 42319696 JOHN MASON 11 MELALEUCA DR COOYA BEACH			CIVIL & Structural Engineers 50 Purnell Street Carrington, Qld 4812 Fax: 07 4725 9850 Email: design@nconsg.com.au ABN 341 026 172 55 Registered Chartered Professional Engineer Registered Professional Engineer (Civil & Structural) QLD Registered Consulting Engineer (Structural) N.T. Registered Engineer - CIVIL VIC Registered Engineer - CIVIL TAS	Mr Timothy Ray Messer BE MIEAust RPEQ Signature: Date: 12/01/2021 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register
	FOR AT	CARDINAL ROOFING AND SHEDS (CONTACT) 07 42319696 JOHN MASON 11 MELALEUCA DR COOYA BEACH			CIVIL & Structural Engineers 50 Purnell Street Carrington, Qld 4812 Fax: 07 4725 9850 Email: design@nconsg.com.au ABN 341 026 172 55 Registered Chartered Professional Engineer Registered Professional Engineer (Civil & Structural) QLD Registered Consulting Engineer (Structural) N.T. Registered Engineer - CIVIL VIC Registered Engineer - CIVIL TAS	Mr Timothy Ray Messer BE MIEAust RPEQ Signature: Date: 12/01/2021 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register			
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1
3 INTERNAL FRAME SECTION
SCALE: 1:10

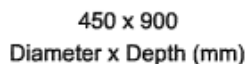
Refer to Sheet #4 for concrete specification.



1 INTERNAL FRAME SECTION
3 SCALE: 1"=8'

3 OF 8	SHEET	DATE 12/20/2021	ORDER NO.	STEEL BUILDING BY FOR AT JOHN MASON 11 MELALEUCA DR COOYA BEACH	(CONTACT) 07 42319696 JOHN MASON		 Civil & Structural Engineer's 50 Purnell Street Crowsley, Qld 4812 Fax: 07 4755 5850 Email: design@nceng.com.au ABN 341 000 172 56	Mr Timothy Ray Messer BE MIEAust RPEQ  Date 12/20/2021 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register
		DRAWN FOR ORDER NO.	JOHN MASON 11 MELALEUCA DR COOYA BEACH					

STRUCTURAL GENERAL NOTE



Y	BORED LOCAL THICKENING DETAIL	SBOHDB
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- [illegible]

ROOF LIVE LOAD: 0.25 kPa
 BASIC WIND SPEED: VR 69.3 m/s
 PRIMARY SITE WIND SPEED: Valt 67.3 m/s
 SECONDARY WIND SPEED: Valt 60.3 m/s
 WIND REGION: Reg C
 TOPOGRAPHY FACTOR, Me: 1
 SHIELDING FACTOR, Ms: 1
 MAX GROUND SNOW LOAD: NA
 MAX ROOF SNOW LOAD: NA
 SITE ALTITUDE: NA
 TERRAIN CATEGORY: Tcat 2.34
 SOIL SAFE BEARING CAPACITY: 100 kPa
 RETURN PERIOD: 1999
 LIMITING CPI 1: 4.85
 LIMITING CPI 2: 0.7
 IMPORTANCE LEVEL: 2

DK1	ENDWALL VERTICAL MULLION (SEE DETAIL G/5 FOR TOP CONN. AND F/5 FOR BASE CONN.)
DK2	FLYBRACING PER DETAIL L/5
DK3	K-BRACING IN ROOF ABOVE (SEE DETAIL M/5)
DK4	DOUBLE X-BRACING IN ROOF ABOVE (SEE DETAIL M/5)


DOOR	WIDTH	HEIGHT	OPENING TYPE	HEADER GRT	OPENING JAMBS	WIND RATED
①	2556	2766"	SUBMIT LATCH SERIES 4-P	SINGLE	COSHP	YES
②	2256	2766"	SUBMIT LATCH SERIES 4-P	SINGLE	COSHP	YES
③	630	2046"	ENTRANCE PL. DOOR 100 SGL	SINGLE		NO

* SOUTH SIDE OFFERING HERE AT DEPENDS ON FINAL BUILD LOCATION

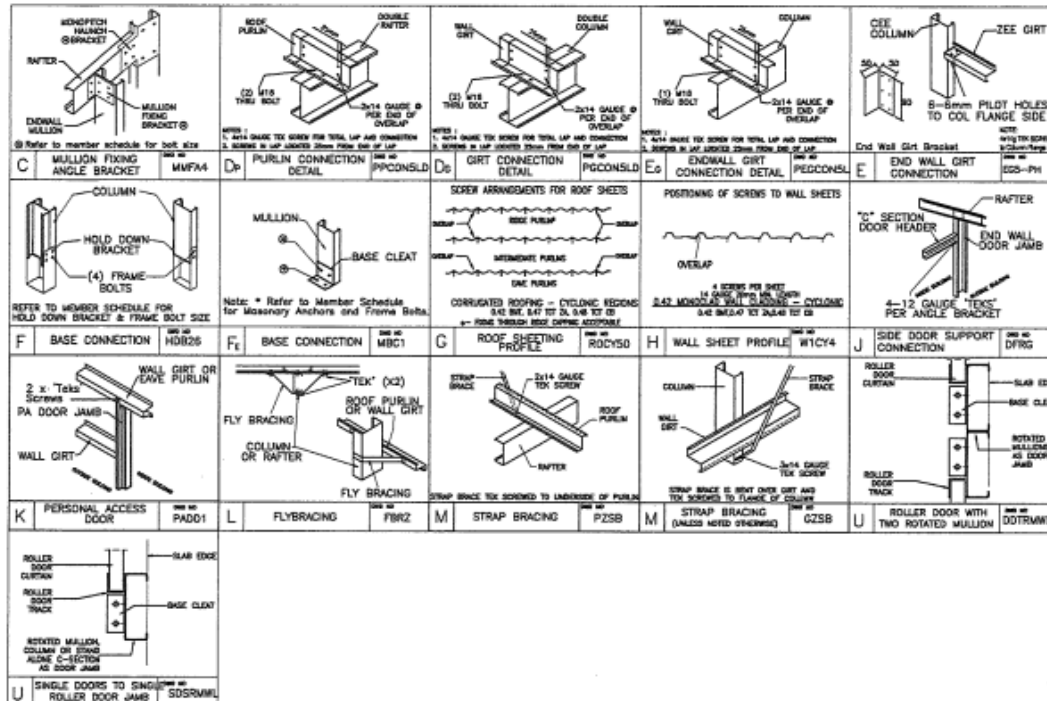


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Email: design@nceng.com.au
ASN 341 005 173 55

Regn. No. 250980
Regn. No. 9885
Regn. No. 1162735
Regn. No. 623882
Regn. No. C2388284

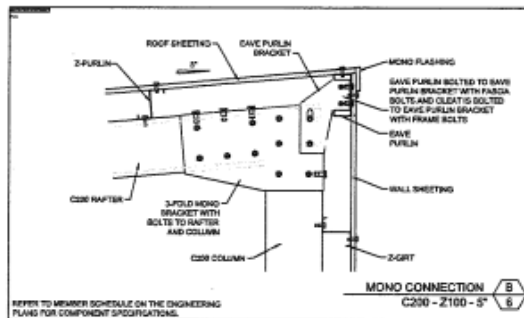
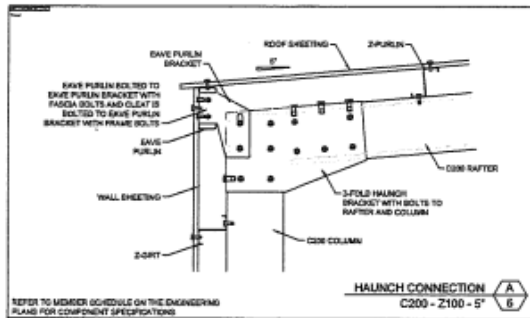
Mr Timothy Roy Messer BE MIEAust RPEQ
Signature 
Date 12/6/2021
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MEMBER AND MATERIAL SCHEDULE	
1 END WALL RAFTER	Single C20019
2 E.S. FRAME RAFTER	Double C20019
3 END FRAME COLUMN (E1)	Single C20019
4 END FRAME MIDN COLUMN (E2)	Single C20019
5 E.S. FRAME MIDN COLUMN (E3)	Double C20019
6 E.S. FRAME MIDN COLUMN (E4)	Double C20019
7 MULLION (M1)	Single C10019
8 END WALL GIRT	C20019
9 DOOR (D1)	C20019
10 END WALL ANCHOR BRACKET (A1 PER DETL)	End Wall Brackets 200 X 50 X 5 Gal Pst
11 END WALL ANCHOR BRACKET (A2 PER DETL)	End Wall Brackets 200 X 50 X 5 Gal Pst
12 END ANCHOR BRACKET (A3 PER DETL)	End Wall Brackets 200 X 50 X 5 Gal Pst
13 MULLION ANCHOR BOLTS (A4 PER DETL)	Stainless Steel M16 x 100 Galv
14 COVER PLATE PURLIN	C10019
15 UPPER EAVE PURLIN	C10019
16 TYP. ROOF PURLIN SIZE	Z18019
17 MAIN BLDG. PURLIN SPACING	5.000 m (10 m max) (See Note 1.000m)
18 MAIN BLDG. PURLIN LENGTH	3.0 m (3.0m max)
19 TYP. GIRDENALL GIRT SIZE	Z18019
20 MAIN BLDG. GIRDENALL GIRT SPACING	0.750 m (1.5 m max) (See Note 1.000m)
21 MAIN BLDG. GIRDENALL GIRT LENGTH	3.0 m (3.0m max)
22 TYP. ENDWALL GIRT SIZE	Z18019
23 MAIN BLDG. ENDWALL GIRT SPACING	1.000 m (2 m max) (See Note 1.000m)
24 MAIN BLDG. ENDWALL GIRT LENGTH	3.0 m (3.0m max)
25 FRAME SCREW FASTENERS	14-2000 Hex (E1) (E2) (E3) (E4) (E5) (E6) (E7) (E8) (E9) (E10) (E11) (E12) (E13) (E14) (E15) (E16) (E17) (E18) (E19) (E20) (E21) (E22) (E23) (E24) (E25) (E26) (E27) (E28) (E29) (E30) (E31) (E32) (E33) (E34) (E35) (E36) (E37) (E38) (E39) (E40) (E41) (E42) (E43) (E44) (E45) (E46) (E47) (E48) (E49) (E50) (E51) (E52) (E53) (E54) (E55) (E56) (E57) (E58) (E59) (E60) (E61) (E62) (E63) (E64) (E65) (E66) (E67) (E68) (E69) (E70) (E71) (E72) (E73) (E74) (E75) (E76) (E77) (E78) (E79) (E80) (E81) (E82) (E83) (E84) (E85) (E86) (E87) (E88) (E89) (E90) (E91) (E92) (E93) (E94) (E95) (E96) (E97) (E98) (E99) (E100) (E101) (E102) (E103) (E104) (E105) (E106) (E107) (E108) (E109) (E110) (E111) (E112) (E113) (E114) (E115) (E116) (E117) (E118) (E119) (E120) (E121) (E122) (E123) (E124) (E125) (E126) (E127) (E128) (E129) (E130) (E131) (E132) (E133) (E134) (E135) (E136) (E137) (E138) (E139) (E140) (E141) (E142) (E143) (E144) (E145) (E146) (E147) (E148) (E149) (E150) (E151) (E152) (E153) 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	YEAR 2019						

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1 SIDEWALL EXTERIOR ELEVATION
SCALE: 1:100

2 SIDEWALL EXTERIOR ELEVATION
SCALE: 1:100

3 ENDWALL EXTERIOR ELEVATION
SCALE: 1:100

4 ENDWALL EXTERIOR ELEVATION
SCALE: 1:100

BUILDING COLOURS

	CLASSIC CHIMNEY
ROOF	WOODLAND LARKSPR
WALLS AND GABLES	WOODLAND LARKSPR
P.A. SLOTT	WOODLAND LARKSPR
CLADDING	WOODLAND LARKSPR
CUTTING	WOODLAND LARKSPR
CEMENTED CLADDING	CLASSIC CHIMNEY
RAISED CLADDING	WOODLAND LARKSPR
(LIFTED) CLADDING	CLASSIC CHIMNEY

STEEL BUILDING BY (CONTACT)
CARDINAL ROOFING AND SHEDS
07 42319696
JOHN MASON
11 MELALEUCA DR
COOYA BEACH

FOR AT

DRAWN FOR
CHECKED T.M.
DATE 12/8/2021
DESIGNER
ENGINEER
PROJECT

8 OF 7

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Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - Civil VIC
Registered Engineer - Civil TAS

Rgn. No. 25998
Rgn. No. 4667
Rgn. No. 142756A
Rgn. No. 523463
Rgn. No. C026461

Mr Timothy Roy Messer BE ME Aust RPEQ
Signature
Date 12/8/2021
Registered on the NPFR in the areas of practice
of Civil & Structural National Professional
Engineers Register

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NOTES:

BRACING MATERIALS - THE SHED DIRECTOR TO SUPPLY SPECIFIC BRACING. SUITABLE RIGID MEMBERS CAPABLE OF TENSION AND COMPRESSION OR OPPOSING CHAINS OR OPPOSING LOAD RATED RATCHET STRAPS TO BE USED. (RIGID BRACING AS SHOWN ON DIAGRAM) ROPE BRACING SUITABLE ONLY FOR SMALLER STRUCTURES IN IDEAL CONDITIONS.

BRACING LOCATION - TEMPORARY BRACING TO BE ERECTED AS CLOSE TO 45 DEGREE ANGLE AND FIXED TO THE TOP OF THE COLUMN OR MULLION TO ACHIEVE THE OPTIMUM EFFECTIVENESS. IF THERE IS NOT ENOUGH SPACE FOR A 45 DEGREE ANGLE, THEN 20 DEGREE ANGLE IS TO BE THE MINIMUM ANGLE ALLOWED (REFER TO DIAGRAM). RIGID TEMPORARY BRACING MEMBER TO BE BOLTED TO HEAVY ANGLE PEGS HAMMERED INTO THE GROUND OR TO A BRACKET, MASONRY ANCHORED TO THE SLAB.

BRACING REMOVAL - TEMPORARY BRACING TO REMAIN IN PLACE UNTIL CLADDING IS FULLY INSTALLED WHERE POSSIBLE. IN NO CASE SHOULD TEMPORARY BRACING BE REMOVED UNTIL ALL PURLINS, GIRTS (AND PERMANENT CROSS BRACING WHERE USED) ARE FIXED.

SITE SAFETY - DUE CONSIDERATION TO BE GIVEN TO SITE SAFETY IN REGARD TO LOCATIONS OF BRACING AND PEGS.

GUIDE APPLICATION - TEMPORARY BRACING AS DESCRIBED IS A MINIMUM REQUIREMENT FOR AN AVERAGE, STANDARD SITE CONDITION. PROVIDE ADDITIONAL BRACING FOR MORE SEVERE AND/OR HIGH EXPOSURE SITE CONDITIONS. ADDITIONAL BRACING TO BE USED AS AND WHERE NECESSARY TO ENSURE THAT ENTIRE FRAME IS RIGID THROUGHOUT CONSTRUCTION. RESPONSIBILITY FOR ENSURING STABILITY OF STRUCTURE REMAINS WITH THE BUILDER.

TILT UP METHOD

FOR STRUCTURES UNDER 9M SPAN, LESS THAN 3M HIGH AND LESS THAN 12M LONG

- ASSEMBLE THE FIRST SIDEWALL FRAME (COMPLETE WITH WALL SHEETING, BRACING AND GUTTER) ON THE GROUND AND LIFT ASSEMBLED SIDEWALL FRAME INTO POSITION. FIX OFF TEMPORARY SIDE BRACING TO EACH END (REFER TO DIAGRAM). FIX BASE CLEATS.
- ASSEMBLE THE SECOND SIDEWALL FRAME AS PER FIRST SIDEWALL FRAME. LIFT INTO POSITION. FIX OFF TEMPORARY WALL BRACING TO EACH END (REFER TO DIAGRAM). FIX BASE CLEATS.
- FIX GABLE END RAFTERS TO COLUMNS TO TIE WALLS. PROP APEX UNTIL ENDWALL MULLION AND APEX TEMPORARY BRACE ARE FIXED OFF. IF NO MULLION IS REQUIRED THEN PROP AND BRACE APEX UNTIL CLADDING IS COMPLETE.
- INSTALL REMAINING RAFTERS. AS EACH RAFTER PAIR IS INSTALLED, AT LEAST ONE PURLIN PER 3M OF RAFTER LENGTH IS TO BE INSTALLED TO SECURE RAFTERS.
- INSTALL REMAINING PURLINS.
- INSTALL KNEE AND APEX BRACES IF AND WHERE APPLICABLE.
- REPEAT FOR LEANTOS.

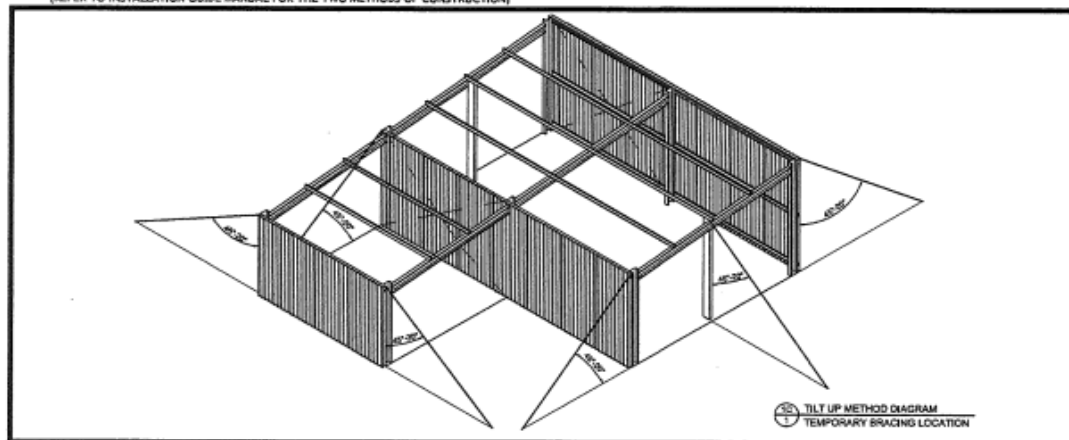
FRAME FIRST METHOD

FOR STRUCTURES OVER 9M SPAN, GREATER THAN 3M HIGH AND GREATER THAN 12M LONG

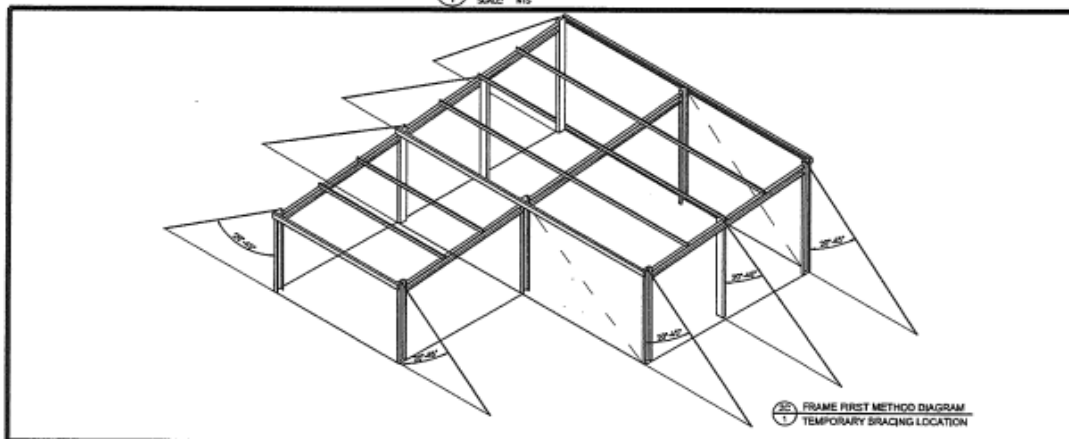
- ASSEMBLE PORTAL FRAMES ON THE GROUND (WITH KNEE AND APEX BRACES IF AND WHERE APPLICABLE). LIFT THE FIRST PORTAL FRAME ASSEMBLY INTO POSITION. FIX OFF TEMPORARY END BRACING (REFER TO DIAGRAM). FIX BASE CLEATS.
- PROP APEX UNTIL ENDWALL MULLION AND APEX TEMPORARY BRACE ARE FIXED OFF. IF NO MULLION IS REQUIRED THEN PROP AND BRACE APEX UNTIL CLADDING IS COMPLETE.
- THE SECOND PORTAL FRAME ASSEMBLY TO BE LIFTED INTO POSITION. FIX EAVE PURLINS AND AT LEAST ONE PURLIN PER 3M OF RAFTER TO SECURE FRAME ASSEMBLY. FIX BASE CLEATS. FIX TEMPORARY SIDEWALL BRACING.
- STAND REMAINING PORTAL FRAME ASSEMBLY AS PER STEP C, FIXING TEMPORARY SIDE WALL BRACING TO EVERY SECOND BAY. BRACE OTHER END PORTAL FRAME AS PER FIRST PORTAL FRAME.
- INSTALL REMAINING PURLINS AND GIRTS.
- REPEAT FOR LEANTOS.

GUIDE TO THE INSTALLATION OF TEMPORARY BRACING

(REFER TO INSTALLATION GUIDE MANUAL FOR THE TWO METHODS OF CONSTRUCTION)



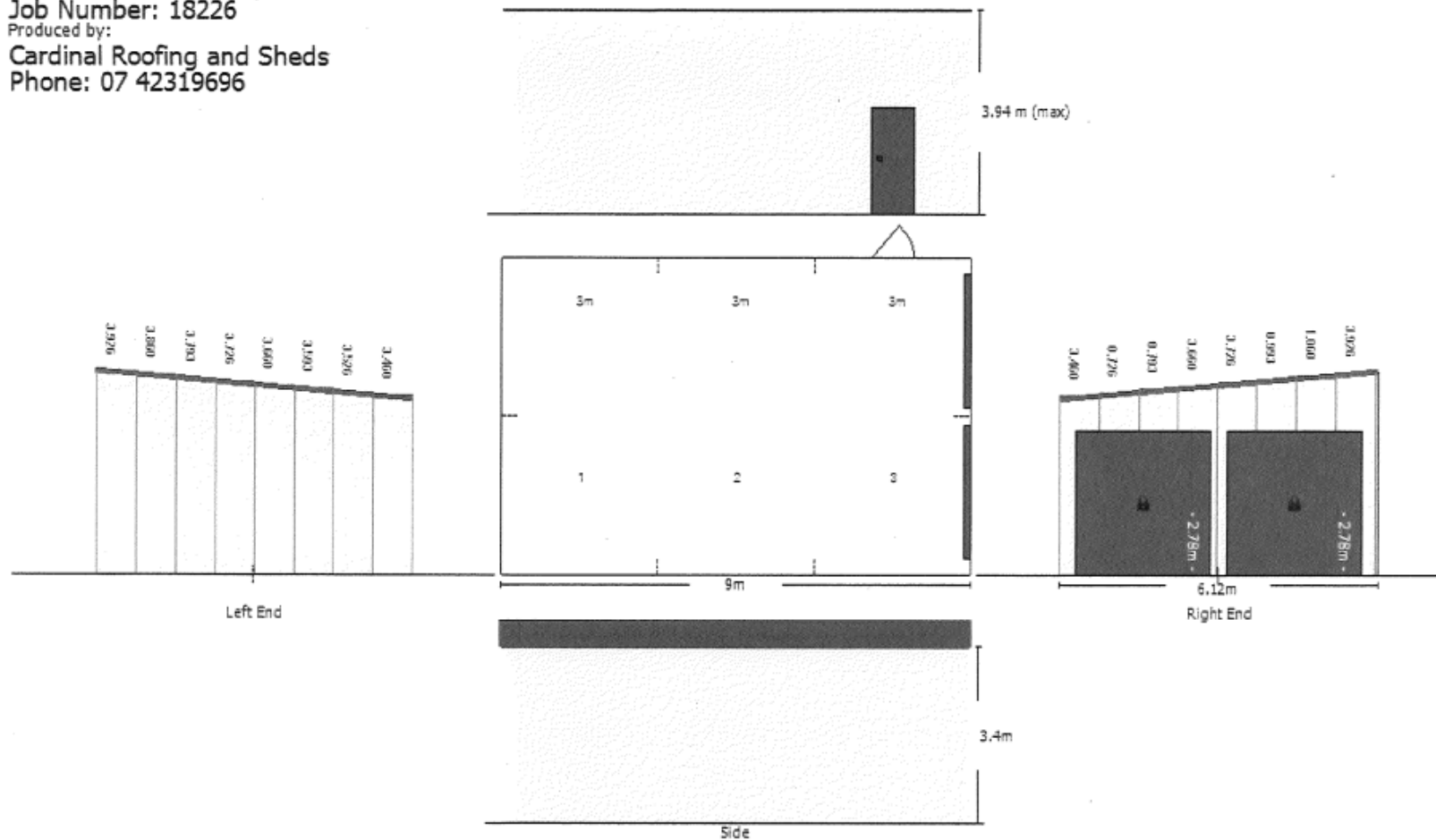
1 TILT UP METHOD DIAGRAM
SCALE: NTS



2 FRAME FIRST METHOD DIAGRAM
SCALE: NTS

OF 8	SHEET 8	JOB NO. 12828201	DATE 12/02/21	CHECKED TML	DRAWN FDS	STEEL BUILDING BY	(CONTACT)	FOR AT	CARDINAL ROOFING AND SHEDS 07 42319696 JOHN MASON 11 MELALEUCA DR COOYA BEACH	SHU SAFE	fair dinkum SHEDS	NORTHERN CONSULTING engineers Civil & Structural Engineers 50 Purcell Street Currelong, Qld 4612 Ph: 07 4725 5850 Email: design@ncon.com.au ABN 341 006 173 561 Registered Chartered Professional Engineer Registered Professional Engineer (Civil & Structural) QLD Registered Consulting Engineer (Structural) N.Z. Registered Engineer - Civil NZ Registered Engineer - Civil VIC	Mr Timothy Ray Messer BE MIEAust RPEQ Signature <i>T. Messer</i> Date 12/02/2021 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register
						NO. 100	NO. 2019						

Building For:
John Mason
 11 Melaleuca Dr Cooya Beach
 Job Number: 18226
 Produced by:
Cardinal Roofing and Sheds
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