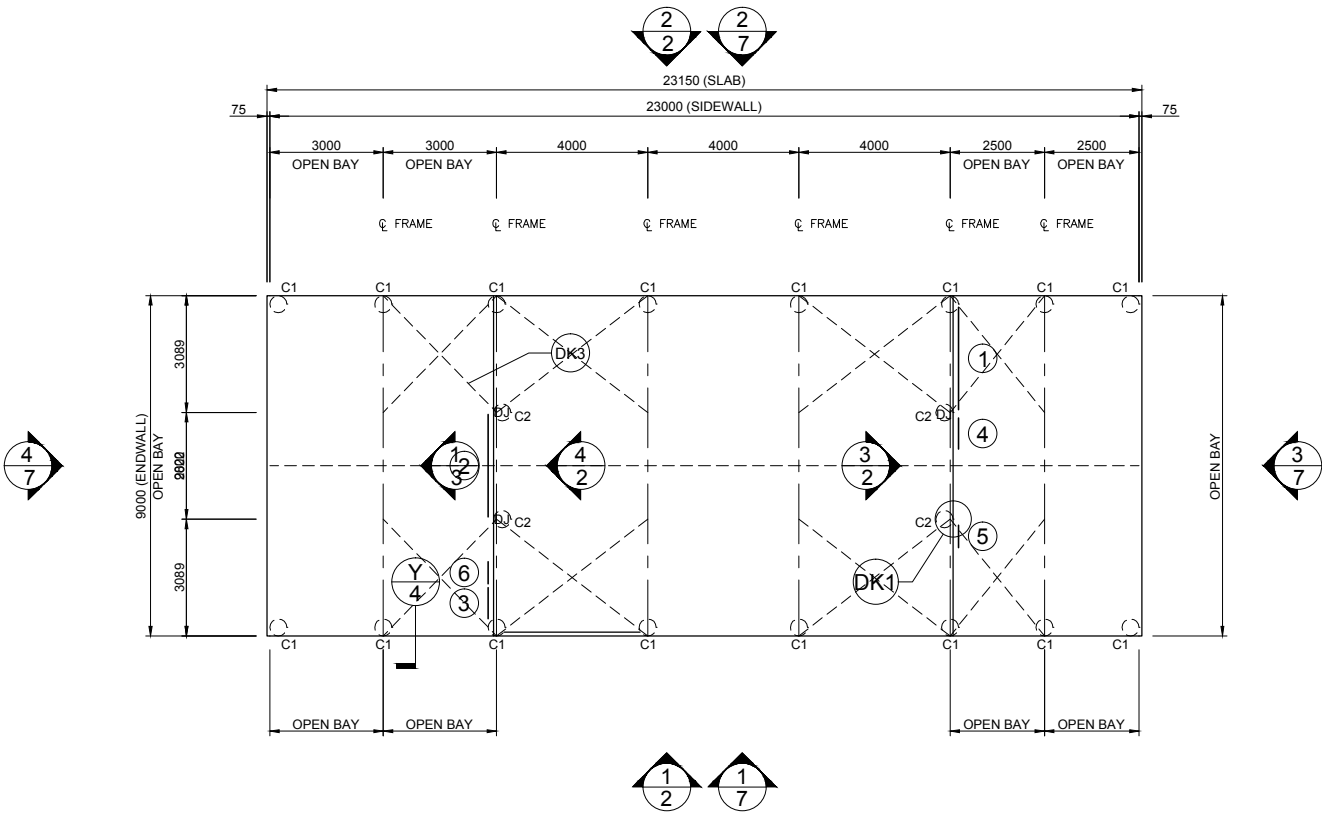


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IF IN DOUBT, ASK.



1 FOUNDATION PLAN AND MEMBER LAYOUT
1 SCALE: 1 = 200

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	C15019

1
OF
7

SHEET

JOB NO.
MAST35284

NCC
2019

DATE
6/1/2022

CHECKED
TM

DRAWN
FDS

STEEL BUILDING BY
MA STEEL
02 6382 4387
CONSTANCE PATRICIA REID
MAKINS / SULLIVAN STREET
GRENFELL

(CONTACT)

FOR

AT

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fairdinkum
SHEDS

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Fax: 07 4725 5850
Email: design@nceng.com.au
ABN 341 008 173 56

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

Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. EC36692
Regn. No. CC5648M

Mr Timothy Roy Messer BE MIEAust RPEQ

Signature
T. Messer

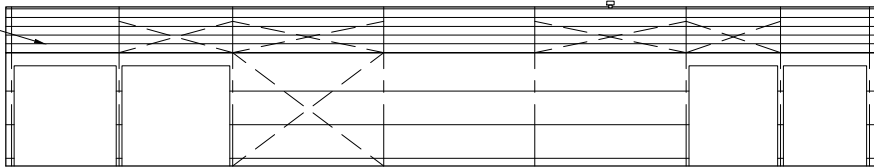
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DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS TO BE VERIFIED ON SITE.

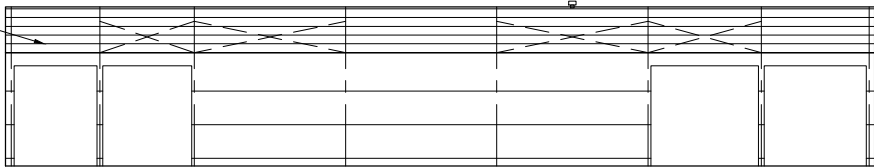
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ROOF PURLINS PER
MEMBER SCHEDULE ON
SHEET 5

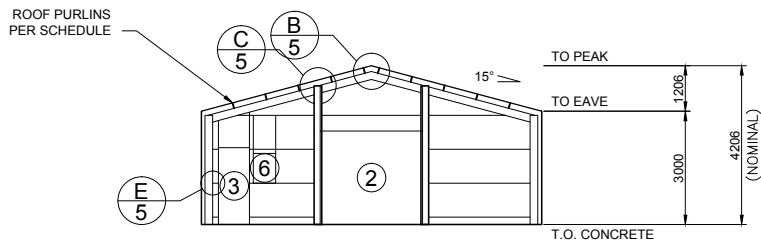


1 SIDEWALL EXTERIOR ELEVATION
2 SCALE: 1 = 200

ROOF PURLINS PER
MEMBER SCHEDULE ON
SHEET 5

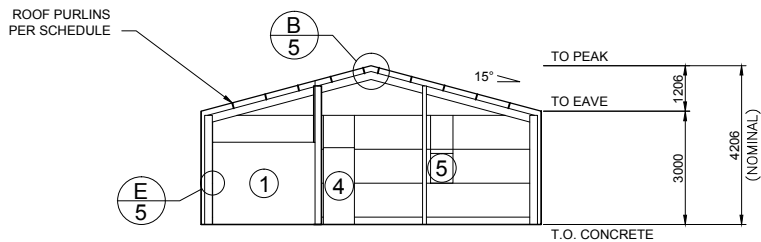


2 SIDEWALL EXTERIOR ELEVATION
2 SCALE: 1 = 200



4 ENDWALL INTERIOR ELEVATION
2 SCALE: 1 = 200

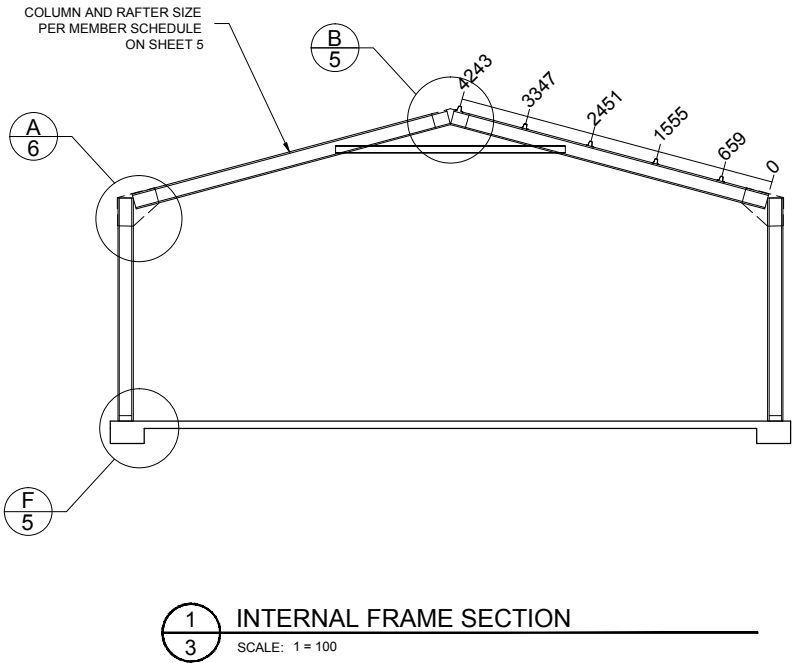
X BRACING IS REQUIRED IN 1 SIDE BAY(S) AND 6 ROOF BAY(S) (BOTH SIDES).
BRACING IS NEEDED ON THE ROOFS ON BOTH SIDES OF THE GARAPORT ENDWALL.







3 ENDWALL INTERIOR ELEVATION
2 SCALE: 1 = 200

2 OF 7	SHEET	JOB NO. MAST35284	DATE 6/1/2022	CHECKED TM	DRAWN FDS	STEEL BUILDING BY MA STEEL 02 6382 4387 CONSTANCE PATRICIA REID MAKINS / SULLIVAN STREET GRENFELL	(CONTACT)			 Civil & Structural Engineers 50 Punari Street Currajong, Qld 4812 Fax: 07 4725 5850 Email: design@nceng.com.au ABN 341 008 173 56 Registered Chartered Professional Engineer Registered Professional Engineer (Civil & Structural) QLD Registered Certifying Engineer (Structural) N.T. Registered Engineer - (Civil) VIC Registered Engineer - (Civil) TAS	Regn. No. 2558980 Regn. No. 9985 Regn. No. 116373ES Regn. No. EC36692 Regn. No. CC5648M	Mr Timothy Roy Messer BE MIEAust RPEQ Signature Date 6/1/2022 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register
		NCC 2019				FOR AT						

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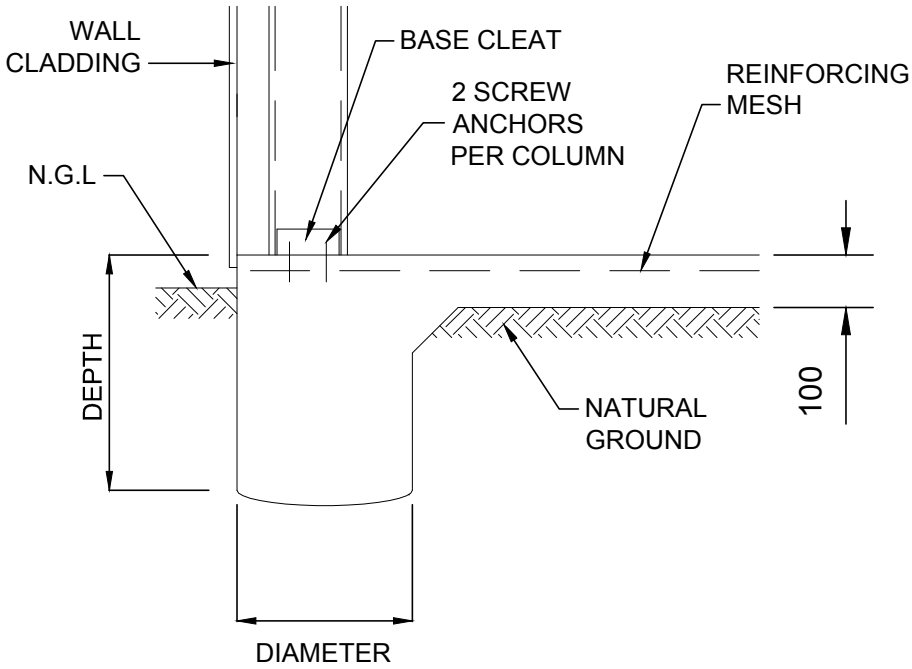
Refer to Sheet #4 for concrete specification.

3 OF 7	SHEET	JOB NO. MAST35284	DATE 6/1/2022	CHECKED TM	DRAWN FDS	STEEL BUILDING BY (CONTACT) MA STEEL 02 6382 4387 CONSTANCE PATRICIA REID MAKINS / SULLIVAN STREET GRENFELL			 <div>Civil & Structural Engineers 50 Punari Street Currajong, Qld 4812 Fax: 07 4725 5850 Email: design@nceng.com.au ABN 341 008 173 56</div>	Mr Timothy Roy Messer BE MIEAust RPEQ Signature  Date 6/1/2022 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register
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STRUCTURAL GENERAL NOTES

1. **GOVERNING CODE** : NATIONAL CONSTRUCTION CODE (NCC), LOADING TO AS1170 - ALL SECTIONS. BUILDING SUITABLE AS EITHER A PRIVATE GARAGE CLASS 10a, OR A FARM SHED (CLASS 7 OR 8), UNLESS OTHERWISE SPECIFICALLY NOTED. FOR USE AS A FARM SHED, IT MUST MEET THE FOLLOWING REQUIREMENTS:
- BE LESS THAN 2000 SQM IN AREA (INCLUSIVE OF ANY MEZZANINE FLOOR AREA).
- MUST BE LOCATED ON A FARM AND USED IN CONNECTION WITH FARMING PURPOSES.
- BUILDING IS NOT TO BE OCCUPIED FREQUENTLY NOR FOR EXTENDED PERIODS BY PEOPLE, WITH A MAXIMUM OF 1 PERSON PER 200 SQM OR 2 PERSONS MAXIMUM IN TOTAL WHICHEVER IS THE LESSER.
2. **DRAWING OWNERSHIP** : THESE DRAWINGS REMAIN THE PROPERTY OF FBHS (AUST) PTY LIMITED. ENGINEERING SIGNATURE AND CERTIFICATION IS ONLY VALID WHEN BUILDING IS SUPPLIED BY A DISTRIBUTOR OF FBHS. DRAWINGS ARE PROVIDED FOR THE DUAL PURPOSE OF OBTAINING BUILDING PERMITS AND AIDING CONSTRUCTION. ANY OTHER USE OR REPRODUCTION IS PROHIBITED WITHOUT WRITTEN APPROVAL FROM FBHS.
3. **DRAWING SIGNATURE REQUIREMENTS** : THESE DRAWINGS ARE NOT VALID UNLESS SIGNED BY THE ENGINEER. THE ENGINEER ACCEPTS NO LIABILITY OR RESPONSIBILITY FOR DRAWINGS WITHOUT A SIGNATURE. EACH TITLE BLOCK CONTAINS A WATER MARK UNDER THE CUSTOMERS NAME CONTAINING THE DATE OF PRODUCTION OF THE DRAWINGS; THE DRAWINGS ARE TO BE SUBMITTED TO COUNCIL WITHIN 21 DAYS OF THIS DATE. THIS IS TO ENSURE THAT ONLY CURRENT DRAWINGS ARE IN CIRCULATION.
4. **CONTRACTOR RESPONSIBILITIES** : CERTIFIER AND CONTRACTOR TO CONFIRM [ON SITE] THAT THE WIND LOADINGS APPLIED TO THIS DESIGN ARE TRUE AND CORRECT FOR THE ADDRESS STATED IN THE TITLE BLOCK. CONTRACTOR SHALL VERIFY AND CONFIRM ALL EXISTING CONDITIONS AND DIMENSIONS. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONDITIONS PRIOR TO START OF WORK. CONTRACTOR MUST NOT MAKE ANY DEVIATION FROM THE PROVIDED PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM ONE THE UNDERSIGNING ENGINEERS. THE ENGINEER / FBHS TAKE NO RESPONSIBILITY FOR CHANGES MADE WITHOUT WRITTEN APPROVAL. CONTRACTOR IS RESPONSIBLE FOR ENSURING NO PART OF THE STRUCTURE BECOMES OVERSTRESSED DURING CONSTRUCTION. BUILDING IS NOT STRUCTURALLY ADEQUATE UNTIL THE INSTALLATION OF ALL COMPONENTS AND DETAILS SHOWN IS COMPLETED IN ACCORDANCE WITH THESE DRAWINGS. THE INDICATED DRAWING SCALES ARE APPROXIMATE. DO NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES. FOR FURTHER DIRECTIONS ON CONSTRUCTION THE CONTRACTOR SHOULD CONSULT THE APPROPRIATE INSTRUCTION MANUAL.
5. **ENGINEERING** : THE ENGINEER / FBHS ARE NOT ACTING AS PROJECT MANAGERS FOR THIS DEVELOPMENT, AND WILL NOT BE PRESENT DURING CONSTRUCTION. THE UNDERSIGNING ENGINEERS HAVE REVIEWED THIS BUILDING FOR CONFORMITY ONLY TO THE STRUCTURAL DESIGN PORTIONS OF THE GOVERNING CODE. THE PROJECT MANAGER IS RESPONSIBLE FOR ADDRESSING ANY OTHER CODE REQUIREMENTS APPLICABLE TO THIS DEVELOPMENT. THESE DOCUMENTS ARE STAMPED ONLY AS TO THE COMPONENTS SUPPLIED BY FBHS. IT IS THE RESPONSIBILITY OF THE PURCHASER TO COORDINATE DRAWINGS PROVIDED BY FBHS WITH OTHER PLANS AND/OR OTHER COMPONENTS THAT ARE PART OF THE OVERALL PROJECT. IN CASES OF DISCREPANCIES, THE LATEST DRAWINGS PROVIDED BY FBHS SHALL GOVERN. NO ALTERATIONS TO THIS STRUCTURE (INCLUDING REMOVAL OF CLADDING) ARE TO BE UNDERTAKEN WITHOUT THE CONSENT OF THE CERTIFYING ENGINEER. OPENINGS SUCH AS WINDOWS AND DOORS NEED TO BE INSTALLED AS PER THE PRODUCT MANUFACTURER'S INFORMATION/DETAILS.
6. **INSPECTIONS** : NO SPECIAL INSPECTIONS ARE REQUIRED BY THE GOVERNING CODE ON THIS JOB. ANY OTHER INSPECTIONS REQUESTED BY THE LOCAL BUILDING DEPARTMENT SHALL BE CONDUCTED AT THE OWNER'S EXPENSE.
7. **SOIL REQUIREMENTS** : SITE CLASSIFICATION TO BE A, S OR M ONLY. SOIL SAFE BEARING CAPACITY VALUE INDICATED ON DRAWING SHEET 4 OCCURS AT 100mm BELOW FINISH GRADE, EXISTING NATURAL GRADE, OR AT FROST DEPTH SPECIFIED BY LOCAL BUILDING DEPARTMENT, WHICHEVER IS THE LOWEST ELEVATION. REGARDLESS OF DETAIL V ON SHEET 4 THE MINIMUM FOUNDATION DEPTH SHOULD BE 100MM INTO NATURAL GROUND OR BELOW FROST DEPTH SPECIFIED BY LOCAL COUNCIL. ROLLED OR COMPACTED FILL MAY BE USED UNDER SLAB, COMPACTED IN 150mm LAYERS TO A MAXIMUM DEPTH OF 900mm. CONCRETE FOUNDATION EMBEDMENT DEPTHS DO NOT APPLY TO LOCATIONS WHERE ANY UNCOMPACTED FILL OR DISTURBED GROUND EXISTS OR WHERE WALLS OF THE EXCAVATION WILL NOT STAND WITHOUT SUPPLEMENTAL SUPPORT, IN THIS CASE SEEK FURTHER ENGINEERING ADVICE.
8. **CLASS 10a or Class 7 FOOTING DESIGNS**: THE FOUNDATION DOCUMENTED IS ALSO APPROPRIATE FOR CLASS 10a or CLASS 7 BUILDING DESIGNS ON 'M-D', 'H', 'H-D' OR 'E' CLASS SOILS, IF TOTAL SLAB AREA IS UNDER 100m SQUARE AND THE MAXIMUM SLAB DIMENSION (LENGTH AND WIDTH) IS LESS THAN OR EQUAL TO 12m. PLEASE BE AWARE THAT THE SLAB DESIGN FOR H & E CLASS SOILS IN THESE INSTANCES ARE DESIGNED TO EXPERIENCE SOME CRACKING. THIS CRACKING IS NOT CONSIDERED A STRUCTURAL FLAW OR DESIGN ISSUE, AND IS SIMPLY COSMETIC IN NATURE. IF THIS IS A CONCERN TO THE CLIENT IT IS ADVISED THEY DISCUSS OTHER OPTIONS WITH THE RELEVANT DISTRIBUTOR PRIOR TO THE POURING OF THE SLAB.
9. **CONCRETE REQUIREMENTS** : ALL CONCRETE DETAILS AND PLACEMENT SHALL BE PERFORMED IN ACCORDANCE WITH AS2870 AND AS3600. CONCRETE SHALL HAVE A MIN. 28-DAY STRENGTH OF 20MPa FOR EXPOSURE A1 & B1, 25MPa FOR EXPOSURE A2 & B2 AND 32MPa FOR EXPOSURE C, IN ACCORDANCE WITH SECTION 4, AS3600. CEMENT TO BE TYPE A. MAX AGGREGATE SIZE OF 20mm. SLUMP TO BE 80mm +/-15mm. SLABS TO BE CURED FOR 7 DAYS BY WATERING OR COVERING WITH A PLASTIC MEMBRANE, AFTER WHICH CONSTRUCTION CAN BEGIN, DUE CARE GIVEN NOT TO OVER-TIGHTEN HOLD DOWN BOLTS. GIVEN ALLOWABLE SOIL TYPES 1 LAYER OF SL72 REINFORCING MESH IS TO BE INSTALLED ON STANDARD SLABS WITH A MINIMUM 30MM COVER FROM CONCRETE SURFACE. CONCRETE REINFORCING TO CONFORM TO AS 1302, AS1303 & AS 1304. ALL REINFORCING COVER TO BE A MINIMUM OF 30mm.
10. **STRUCTURAL STEEL REQUIREMENTS** : ALL STRUCTURAL STEEL, INCLUDING SHEETING THOUGH EXCLUDING CONCRETE REINFORCING, SHALL CONFORM TO AS 1397 (GAUGE <= 1mm fy = 550MPa, GAUGE > 1mm < 1.5mm fy = 500MPa, GAUGE >= 1.5mm fy = 450MPa). NO WELDING IS TO BE PERFORMED ON THIS BUILDING. ALL STRUCTURAL MEMBERS AND CONNECTIONS DESIGNED TO AS4600. ALL BOLT HOLE DIAMETERS TO STRAMIT GENERAL FINCHINGS.
11. **FOOT TRAFFIC** : FOR ERECTION AND MAINTENANCE PLEASE NOTE THE FOLLOWING DEFINED FOOT TRAFFIC ZONES:
- CORRUGATED: WALK ONLY WITHIN 200MM OF SCREW LINES. FEET SPREAD OVER AT LEAST TWO RIBS.
- MONOCLAD: WALK ONLY IN PANS, OR ON RIBS AT SCREW LINES.



N.G.L - NATURAL GROUND LINE

Y	BORED LOCAL THICKENING DETAIL	DWG NO. SBOMA
---	-------------------------------	---------------

PROJECT DESIGN CRITERIA

ROOF LIVE LOAD: 0.25 kPa
BASIC WIND SPEED: VR 45 m/s
SITE WIND SPEED: VsiB 37.2 m/s
WIND REGION: Reg A
TOPOGRAPHY FACTOR, Mt: 1
SHIELDING FACTOR, Ms: 1
MAX GROUND SNOW LOAD: N/A
MAX ROOF SNOW LOAD: N/A
SITE ALTITUDE: N/A
TERRAIN CATEGORY: TCat 2.5
SOIL SAFE BEARING CAPACITY: 100 kPa
RETURN PERIOD: 1:500
LIMITING CPI 1: -0.3
LIMITING CPI 2: 0.2
IMPORTANCE LEVEL: 2

DETAIL KEYS

- DK1

ENDWALL VERTICAL MULLION (SEE DETAIL C/5 FOR TOP CONN. AND F/5 FOR BASE CONN.)
- DK2

FLYBRACING PER DETAIL L/5
- DK3

X-BRACING IN ROOF ABOVE (SEE DETAIL M/5)
- DK4

DOUBLE X-BRACING IN ROOF ABOVE (SEE DETAIL M/5)

SCHEDULE OF OPENINGS

DOOR	OPENING WIDTH	SIZE MAX HEIGHT	OPENING TYPE	HEADER GIRT	OPENING JAMBS	WIND RATED
1	2710	2180*	2.20H X 2.77 CB *SERIES A #	SINGLE	C20019P	NO
2	2710	2480*	2.50H X 2.77 CB *SERIES A #	SINGLE	C20019P	NO
3	820	2040	EXTERNAL PA DOOR 180 DEG	SINGLE		NO
4	820	2040	EXTERNAL PA DOOR 180 DEG	SINGLE		NO
5	590	790	WINDOW	SINGLE		YES
6	590	790	WINDOW	SINGLE		YES

NOTES: 1) SEE SHEET 5 FOR DOOR OPENING FRAMING INFORMATION
2) ALL DOOR SCHEDULE MEASUREMENTS ARE ACTUAL DOOR/WINDOW SIZE NOT OPENING SIZE.

* ROLLER DOOR OPENING HEIGHT DEPENDENT ON FINAL BUILD LOCATION.

DOOR WARNINGS:
END ROLLER DOOR IN BAY 3 OF RIGHT WALL MAY BE TOO BIG TO FIT IN BAY.
END ROLLER DOOR IN BAY 3 OF RIGHT WALL MAY BE TOO BIG FOR JAMBS. PLEASE CHECK JAMBS BEFORE ORDERING.
END ROLLER DOOR IN BAY 2 OF LEFT WALL MAY BE TOO BIG TO FIT IN BAY.
END ROLLER DOOR IN BAY 2 OF LEFT WALL MAY BE TOO BIG FOR JAMBS. PLEASE CHECK JAMBS BEFORE ORDERING.

4 OF 7

SHEET

JOB NO. MAST35284

NCC 2019

DATE 6/1/2022

CHECKED TM

DRAWN FDS

STEEL BUILDING BY

(CONTACT) MA STEEL 02 6382 4387

CONSTANCE PATRICIA REID

MAKINS / SULLIVAN STREET GRENFELL

FOR AT

SHED SAFE

fairdinkum SHEDS

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Regn. No. 116373ES
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Mr Timothy Roy Messer BE MIEAust RPEQ
Signature
Date 6/1/2022
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B APEX CONNECTION AP32BB	C MULLION FIXING ANGLE BRACKET MFA6	D _P PURLIN CONNECTION DETAIL PCON2L	D _G GIRT CONNECTION DETAIL GCON2N	E _G ENDWALL GIRT CONNECTION DETAIL EGCON2N
E END WALL GIRT CONNECTION EG2-PH	F BASE CONNECTION BC8	G ROOF SHEETING PROFILE RONC5	H WALL SHEET PROFILE W1NC4	J SIDE DOOR SUPPORT CONNECTION DFRG
K PERSONAL ACCESS DOOR PADD1	M STRAP BRACING PTSB	M STRAP BRACING (UNLESS NOTED OTHERWISE) GTSB	W WINDOW FRAME ATTACHMENT DETAIL WADT	U SINGLE DOORS TO SINGLE ROLLER DOOR JAMB SDSRM
G _I HEADER BEAM CONNECTION HBZ	G _I HEADER BEAM CONNECTION HBZ2	G _I DROPPER CONNECTION DZH	G _I DROPPER CONNECTION DZH2	

MEMBER AND MATERIAL SCHEDULE

1	END WALL RAFTER	Single C20015
2	C.S. FRAME RAFTER	Single C20024
3	END FRAME OPEN CORNER COLUMN (C1)	Single C20015
4	C.S. FRAME COLUMN (C1)	Single C20015
5	C.S. FRAME OPEN BAY COLUMN (C1)	Single C20015
6	MULLION (C2)	Single C15019
7	C.S. FRAME APEX BRACE	Single C10015 @ 3.04 LONG 2 bolts each end
8	APEX POSITION FROM RAFTER END	1.54m
9	GABLE IN-FILL HEADER BEAM	Z15024
10	GABLE IN-FILL VERTICAL SUPPORT	C20015
11	ANCHOR BOLTS (# PER DETS.)	Screw Anchor 16mm x 100 Galv
12	EAVE PURLIN	C15015 (Eave Purlin 49mm above top of column)
13	TYP. ROOF PURLIN SIZE	Tophat 64 x 1.0
14	MAIN BLDG. PURLIN SPACING	0.896 m. (5 rows) (Max Allow. 1.000m)
15	TYP. SIDEWALL GIRT SIZE	Tophat 64 x 1.0
16	MAIN BLDG. SIDEWALL GIRT SPACING	0.891 m. (3 rows) (Max Allow. 0.971m)
17	TYP. ENDWALL GIRT SIZE	Tophat 64 x 1.0
18	MAIN BLDG. ENDWALL GIRT SPACING	0.896 m. (4 rows) (Max Allow. 1.100m)
19	MAIN BLDG. ENDWALL GIRT LENGTH	2.92 m. (0.1m Overlap)
20	FRAME SCREW FASTENERS	14-13x22 Hex C/S (SP HD 5/16" Hex Drive)
21	FRAME BOLT FASTENERS	Purlin Assy M12x30 Z/P
22	X-BRACING STRAP AND FASTENERS	Single Bracing Strap Per Roll Heavy
23	WALL COLOUR	PAPERBARK
24	ROOF COLOUR	COVE
25	ROLLER DOOR COLOUR	MONUMENT
26	P.A. DOOR COLOUR	MONUMENT
27	WINDOW COLOUR	MONUMENT
28	ROOF VENT COLOUR	COVE
29	DOWNPIPE COLOUR	PAPERBARK
30	GUTTER COLOUR	MONUMENT
31	CORNER FLASHING COLOUR	PAPERBARK
32	BARGE FLASHING COLOUR	MONUMENT
33	OPENING FLASHING COLOUR	PAPERBARK
34	OPEN BAY HEADER HEIGHT	0.35

"C.S." = CLEARSPAN "L." = LEFT "R." = RIGHT

PURLIN AND GIRT LENGTHS

BAY	WIDTH	PURLIN LENGTH	GIRT LENGTH
1	3m	3.15 m. (0.15m Lap)	3.1 m. (0.1m Lap)
2	3m	3.35 m. (0.35m Lap)	3.1 m. (0.1m Lap)
3	4m	4.35 m. (0.35m Lap)	4.1 m. (0.1m Lap)
4	4m	4.4 m. (0.4m Lap)	4.1 m. (0.1m Lap)
5	4m	4.33 m. (0.33m Lap)	4.1 m. (0.1m Lap)
6	2.5m	2.83 m. (0.33m Lap)	2.6 m. (0.1m Lap)
7	2.5m	2.63 m. (0.13m Lap)	2.6 m. (0.1m Lap)

5	OF	7
SHEET	JOB NO. MAST35284	NCC 2019
DATE	6/1/2022	
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DRAWN	FDS	

STEEL BUILDING BY

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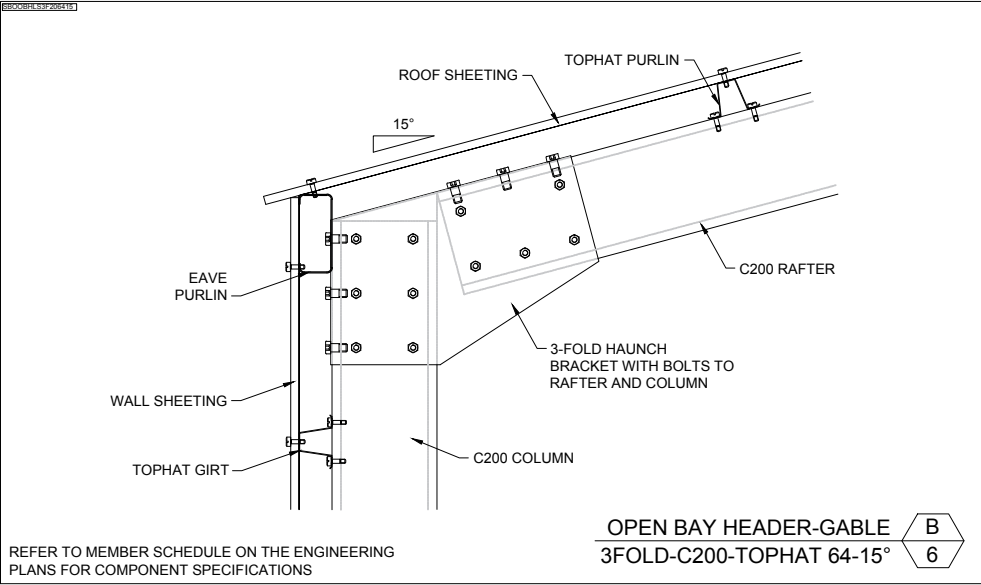
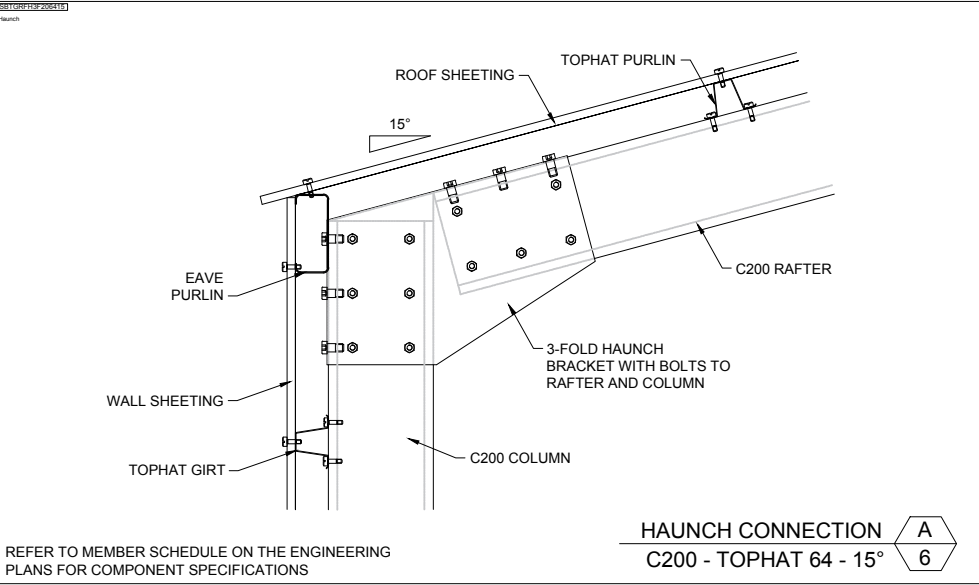
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Mr Timothy Roy Messer BE MIEAust RPEQ

Signature

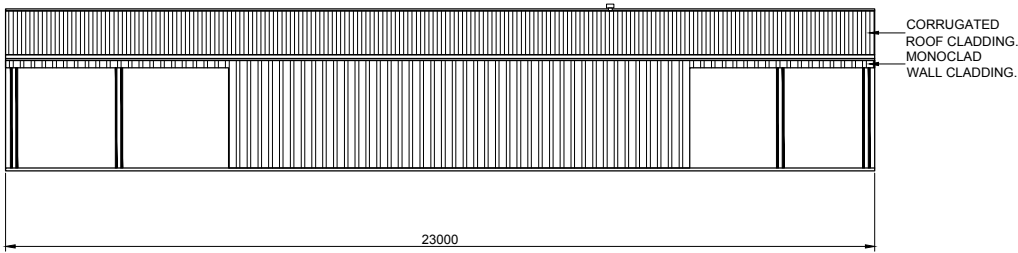
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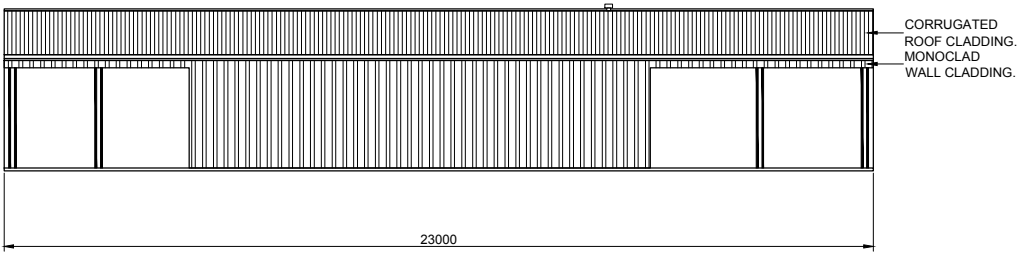


6 OF 7	SHEET	JOB NO. MAST35284	DATE 6/1/2022	CHECKED TM	DRAWN FDS	STEEL BUILDING BY	(CONTACT) MA STEEL 02 6382 4387 CONSTANCE PATRICIA REID MAKINS / SULLIVAN STREET GRENFELL			 Civil & Structural Engineers 50 Punari Street Currajong, Qld 4812 Fax: 07 4725 5850 Email: design@nceng.com.au ABN 341 008 173 56	Mr Timothy Roy Messer BE MIEAust RPEQ
		NCC 2019				FOR AT	Signature 				Date 6/1/2022 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register

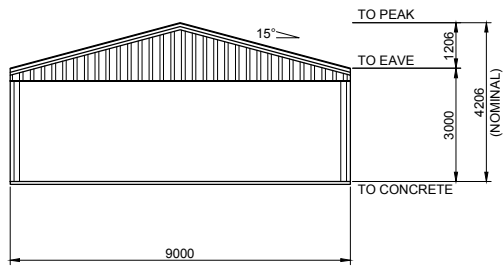
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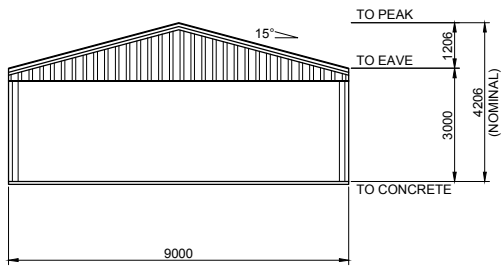
1
7
SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 200



2
7
SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 200



4
7
ENDWALL EXTERIOR ELEVATION
SCALE: 1 = 200



3
7
ENDWALL EXTERIOR ELEVATION
SCALE: 1 = 200

BUILDING COLOURS	
WALL	PAPERBARK
ROOF	COVE
ROLLER DOOR	MONUMENT
P.A. DOOR	MONUMENT
WINDOW	MONUMENT
ROOF VENT	COVE
DOWNPIPE	PAPERBARK
GUTTER	MONUMENT
CORNER FLASHING	PAPERBARK
BARGE FLASHING	MONUMENT
OPENING FLASHING	PAPERBARK

7
OF
7

SHEET



JOB NO.
MAST35284


DATE
6/1/2022

CHECKED
TM


DRAWN
FDS

STEEL BUILDING BY
(CONTACT)
MA STEEL
02 6382 4387
CONSTANCE PATRICIA REID
MAKINS / SULLIVAN STREET
GRENFELL



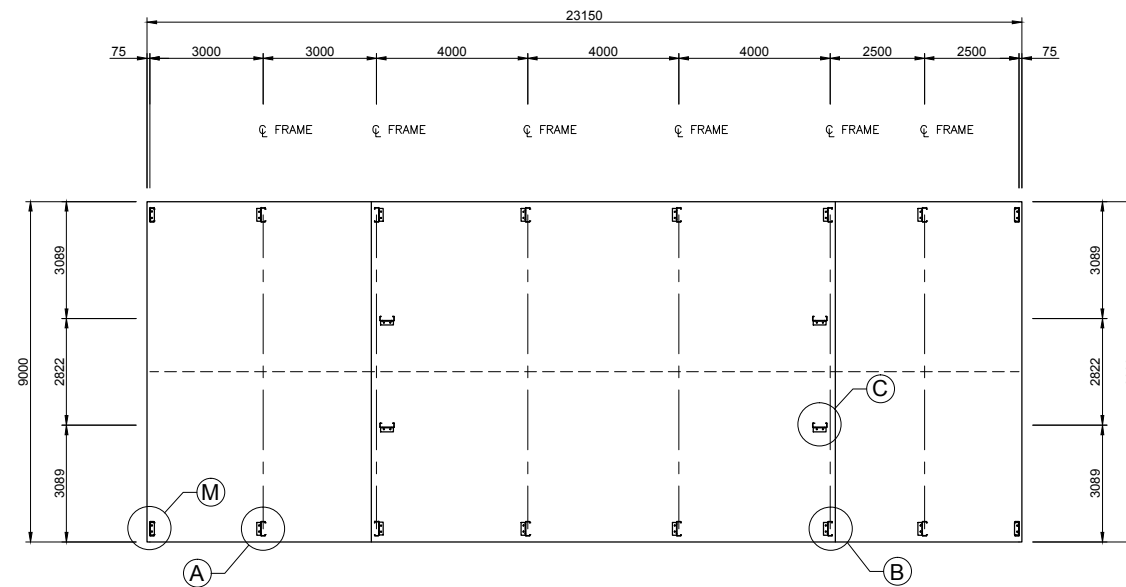
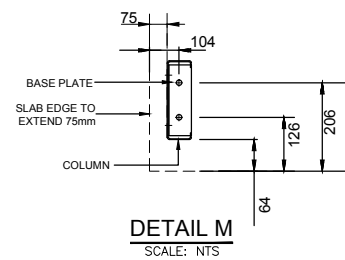
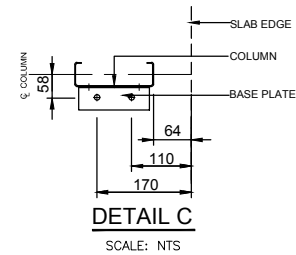
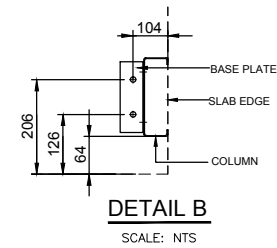
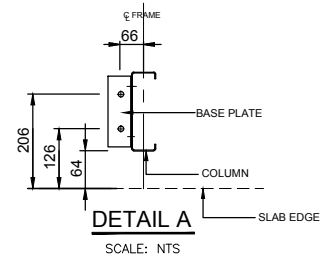


Civil & Structural Engineers
50 Punari Street
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Email: design@nceng.com.au
ABN 341 008 173 56
Registered Chartered Professional Engineer
Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

Mr Timothy Roy Messer BE MIEAust RPEQ
Signature 
Date 6/1/2022
Registered on the NPER in the areas of practice
of Civil & Structural National Professional
Engineers Register

Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. EC36692
Regn. No. CC5648M

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1 BOLT LAYOUT PLAN
1 SCALE: 1 = 200

IF YOU HAVE A ROLLER DOOR IN THE GABLE END OF YOUR SHED, CONTACT YOUR DISTRIBUTOR TO SEE IF MULLION NEEDS TO BE ROTATED FOR USE AS A DOOR JAMB.

NOT PART OF COUNCIL APPLICATION DOCUMENTATION

STEEL BUILDING BY


FOR
AT

MA STEEL
02 6382 4387
CONSTANCE PATRICIA REID
MAKINS / SULLIVAN STREET
GRENFELL



BOLT LAYOUT PLAN

COMPLIANCE CERTIFICATE FOR BUILDING DESIGN

Property Description Street address (include number, street, suburb/locality & postcode)	MAKINS / SULLIVAN STREET GRENFELL Postcode : 2810																													
Description of Component/s Certified Clearly describe the extent of work covered by this certificate.	Steel Portal Frame Structure. 9m span x 23m O/A length x 3m eaves height. Consisting of 7 bays at 3m, 3m, 4m, 4m, 2.5m, 2.5m spacings.																													
Basis of Certification Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon.	Australian Standards (list) AS/NZS 4600-2018, AS/NZS 1170.0,1-2002, 1170.2-2011, 1170.3-2003, 1170.4-2007, AS2870-2011, AS3600-2018 2019 National Construction Code of Australia Amendment 1 Region AS1170.2 = Reg A NCC Importance Level = 2 Annual Probability Exceedance wind = 1:500 Regional 3 s Gust Wind Speed for annual probability of exceedance $V_R = 45$ m/s Wind directional multipliers for the 8 cardinal directions $M_d = 0.95$ Terrain/Height multiplier (M_z , Cat) = 0.87 Topographic multiplier $M_t = 1$ Ext. Pressure Coefficient $c_{pe} = -0.85, 1.00$																													
Reference Documentation Clearly identify any relevant documentation, e.g numbered structural engineering plans	Drawing Nos: 'Fair Dinkum Sheds' Structural Design Drawing To be read in conjunction with Pages 1 to 7 For Job Number: MAST35284 DATED : 6/1/2022 Specifications: Computations: Test Reports: Other Documentation:																													
Competent Person Details A competent person for building work, means a person who is assessed by the building certifier for the work as competent to practise in aspect of the design, building or inspection of the building work because of the person's skill and experience in the aspect. The competent person must also be registered or licensed under a law applying in the state to practice the aspect. A COPY OF A CURRENT CV AND PROFESSIONAL REGISTRATION DETAILS MUST BE PROVIDED WITH THE CERTIFICATE	<table border="1"> <tr> <td>Name:</td> <td colspan="2">Timothy Roy Messer</td> </tr> <tr> <td>Company Name (If applicable):</td> <td colspan="2">Northern Consulting Engineers</td> </tr> <tr> <td>Postal Address:</td> <td colspan="2">50 Punari Street, Currajong 4812</td> </tr> <tr> <td>Contact Person:</td> <td colspan="2">Timothy Roy Messer</td> </tr> <tr> <td>Telephone Number:</td> <td colspan="2">07 4725 5550</td> </tr> <tr> <td>Mobile Number:</td> <td colspan="2">N/A</td> </tr> <tr> <td>Fax Number:</td> <td colspan="2">07 4725 5850</td> </tr> <tr> <td>Email Address:</td> <td colspan="2">design@nceng.com.au</td> </tr> <tr> <td>License or Registration Number:</td> <td>2558980</td> <td>Copy of CV Attached: <input type="checkbox"/> Tick Box</td> </tr> </table> <div style="text-align: right;"> Y <input type="checkbox"/> or N <input checked="" type="checkbox"/> </div>			Name:	Timothy Roy Messer		Company Name (If applicable):	Northern Consulting Engineers		Postal Address:	50 Punari Street, Currajong 4812		Contact Person:	Timothy Roy Messer		Telephone Number:	07 4725 5550		Mobile Number:	N/A		Fax Number:	07 4725 5850		Email Address:	design@nceng.com.au		License or Registration Number:	2558980	Copy of CV Attached: <input type="checkbox"/> Tick Box
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Signature of Competent Person This form may be used by competent persons to certify the design of a material, system, method of building, building element design or other thing. If the competent person is a licensed company the authorised person of the company is to sign the form.	I certify that the item/s described above, if installed or carried out in accordance with the information contained in this certificate, including any referenced documentation, will comply with the National Construction Code of Australia/relevant Australian or International Standard. Signature of competent person:  Date: 6/1/2022																													
LOCAL GOVERNMENT USE ONLY																														
Date received		Reference Number/s																												