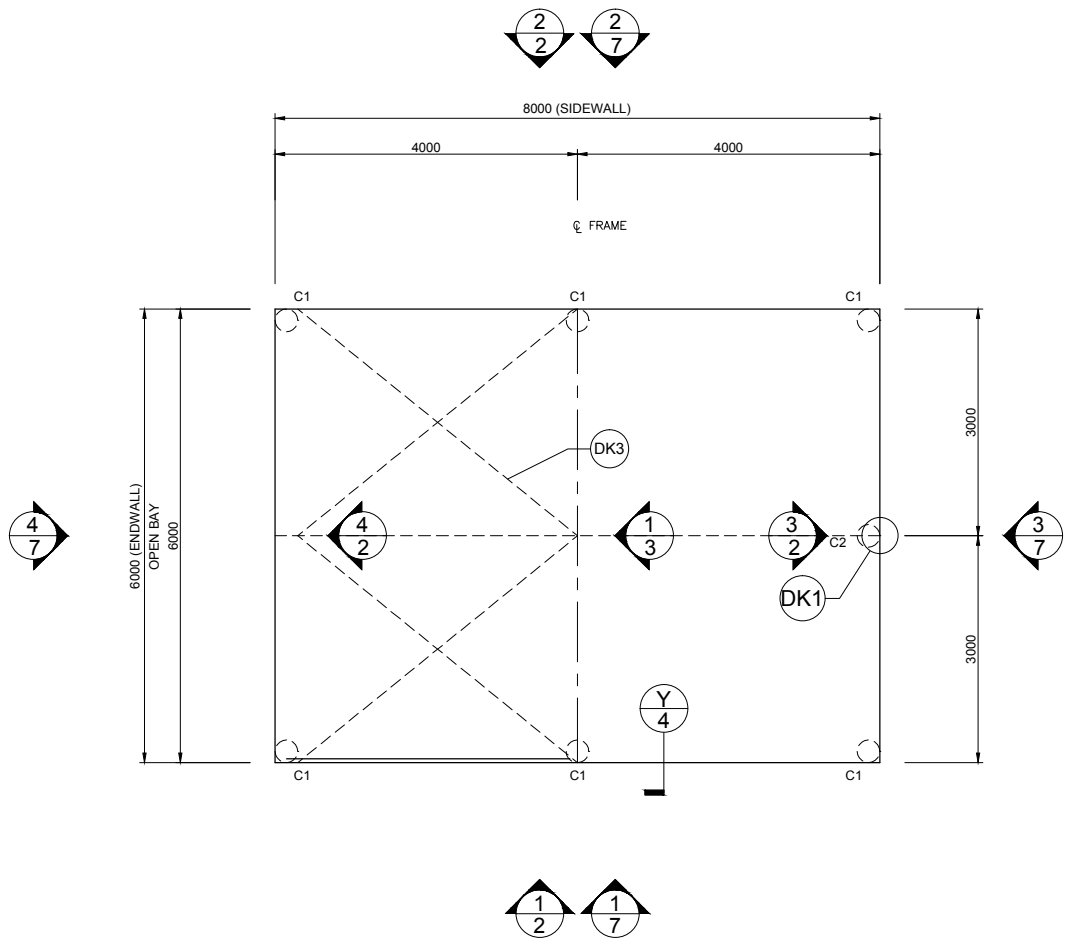


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IF IN DOUBT, ASK.



1 FOUNDATION PLAN AND MEMBER LAYOUT  
SCALE: 1 = 100

ROOF STRAP BRACING TO BE CONNECTED TO THE PURLIN CLOSEST TO THE LINE OF THE END WALL MULLION

MEMBER LEGEND

C1	C15019
C2	C15015

1 OF 7

SHEET

JOB NO.  
MAST34806

DATE  
25/8/2021

CHECKED  
TM

DRAWN  
FDS

STEEL BUILDING BY  
FOR  
AT

(CONTACT)  
**MA STEEL**  
02 6382 4387  
**MARK HUGHES**  
53 MELYRA ST  
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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

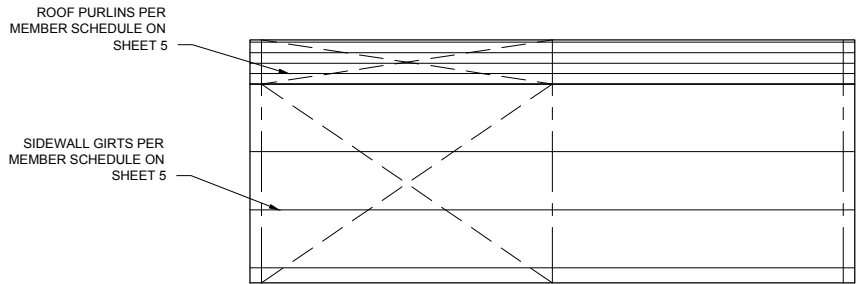
Signature

Date 25/8/2021

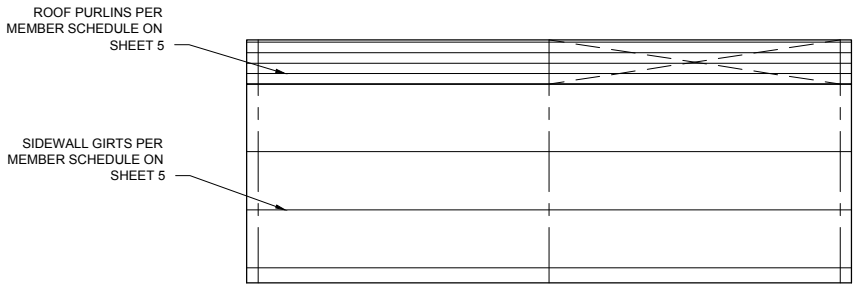
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DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS TO BE VERIFIED ON SITE.

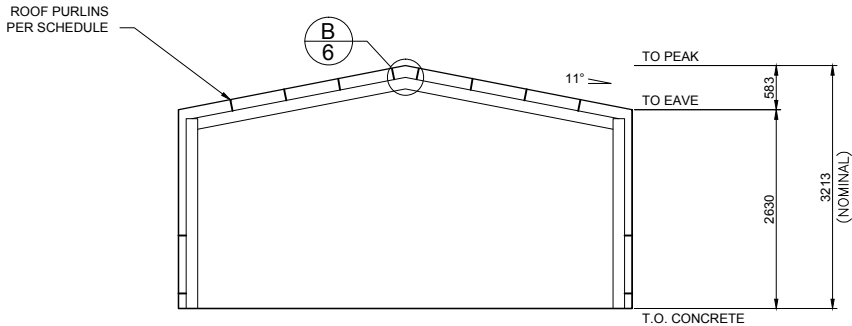
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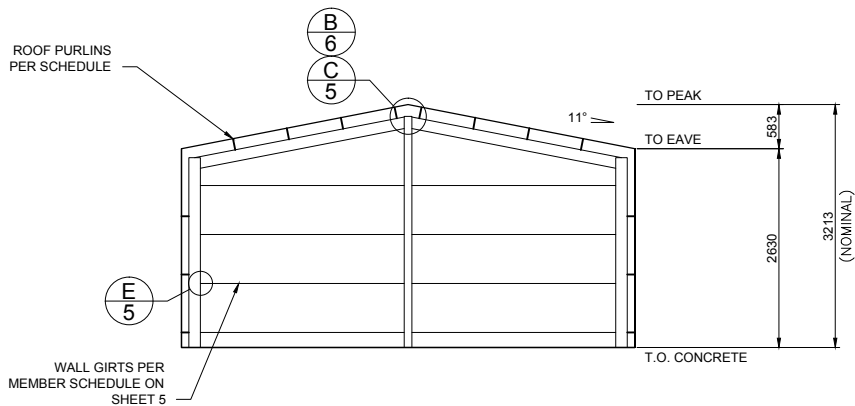
1 SIDEWALL EXTERIOR ELEVATION  
2 SCALE: 1 = 100



2 SIDEWALL EXTERIOR ELEVATION  
2 SCALE: 1 = 100



4 ENDWALL INTERIOR ELEVATION  
2 SCALE: 1 = 100

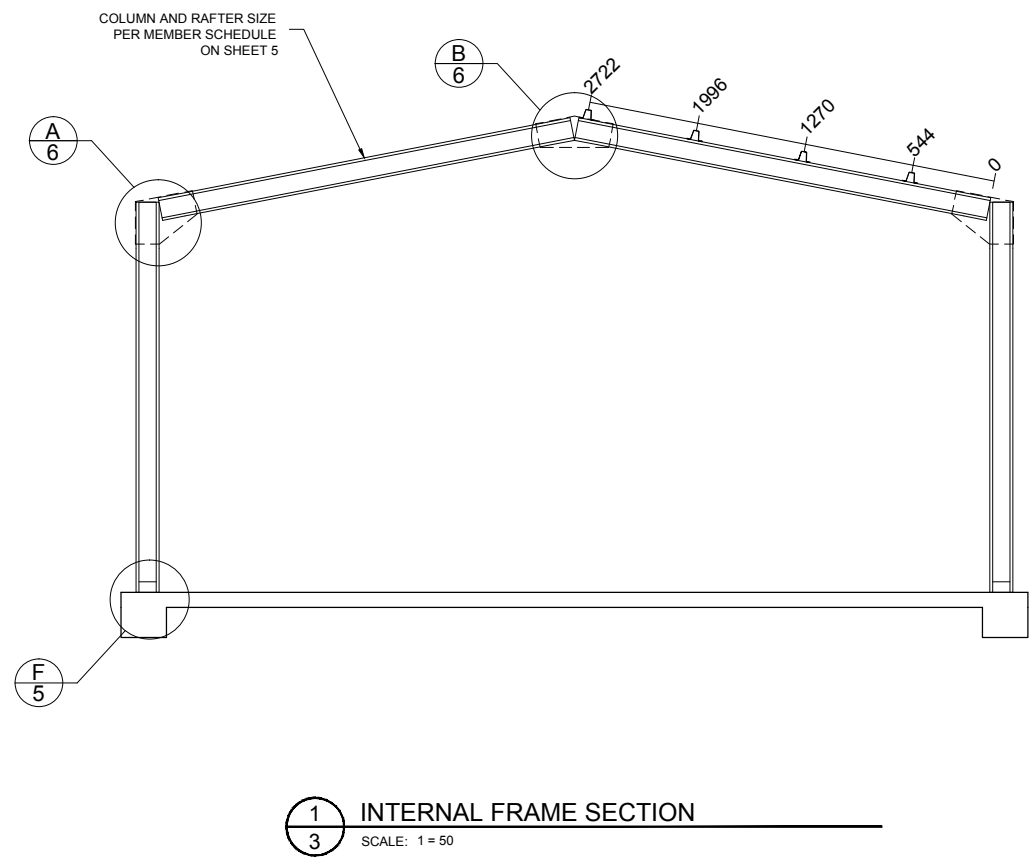


3 ENDWALL INTERIOR ELEVATION  
2 SCALE: 1 = 100





X BRACING IS REQUIRED IN 1 SIDE BAY(S) AND 1 ROOF BAY(S) (BOTH SIDES).

2 OF 7	SHEET	JOB NO. MAST34806	DATE 25/8/2021	CHECKED TM	DRAWN FDS	STEEL BUILDING BY	(CONTACT) <b>MA STEEL</b> 02 6382 4387 <b>MARK HUGHES</b> 53 MELYRA ST GRENFELL			 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 25/8/2021 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. MAST34806	DATE 25/8/2021	CHECKED TM	DRAWN FDS	STEEL BUILDING BY  FOR  AT	(CONTACT) <b>MA STEEL</b> 02 6382 4387 <b>MARK HUGHES</b> 53 MELYRA ST GRENFELL			 <div>Civil &amp; 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 ..... 25/8/2021 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register
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STRUCTURAL GENERAL NOTES

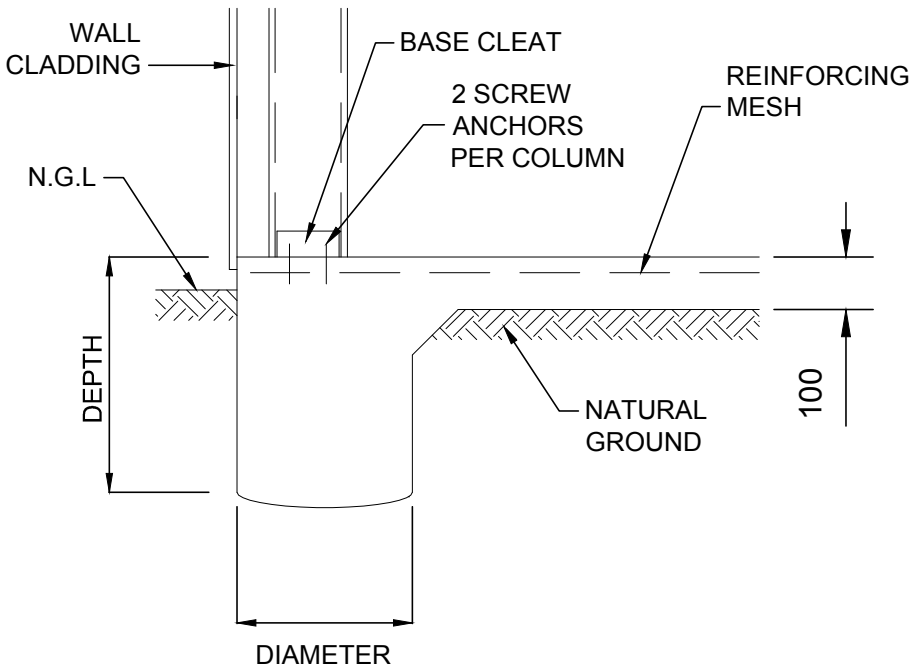
1. **GOVERNING CODE** : NATIONAL CONSTRUCTION CODE (NCC), LOADING TO AS1170 - ALL SECTIONS. BUILDING SUITABLE AS EITHER A PRIVATE GARAGE CLASS 10a, OR A FARM SHED (CLASS 7 OR 8), UNLESS OTHERWISE SPECIFICALLY NOTED. FOR USE AS A FARM SHED, IT MUST MEET THE FOLLOWING REQUIREMENTS:  
- BE LESS THAN 2000 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 Y 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.

PROJECT DESIGN CRITERIA

ROOF LIVE LOAD: 0.25 kPa  
BASIC WIND SPEED: VR 45 m/s  
SITE WIND SPEED: V<sub>sitB</sub> 36.7 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 2.63  
SOIL SAFE BEARING CAPACITY: 100 kPa  
RETURN PERIOD: 1:500  
LIMITING CPI 1: -0.65  
LIMITING CPI 2: 0.7  
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)



300 x 300

Diameter x Depth (mm)

N.G.L - NATURAL GROUND LINE

Y

BORED LOCAL THICKENING DETAIL

DWG NO.

SBOMA

4  
OF  
7

SHEET

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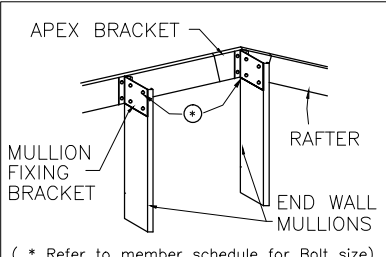
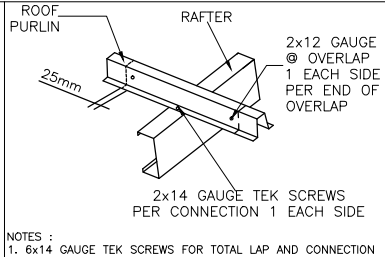
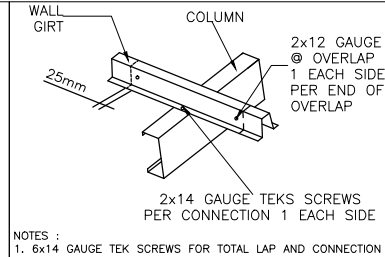
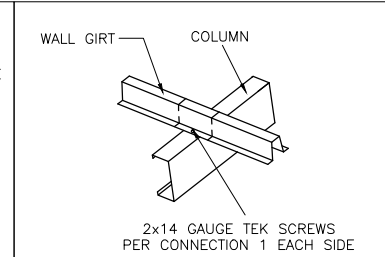
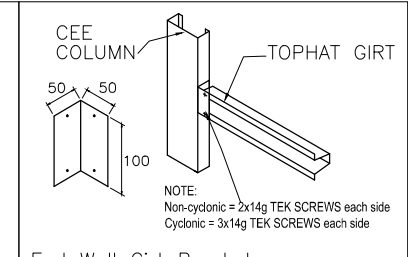
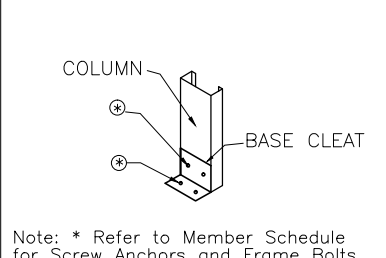
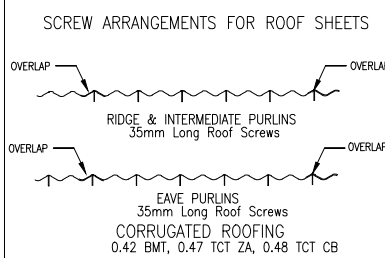
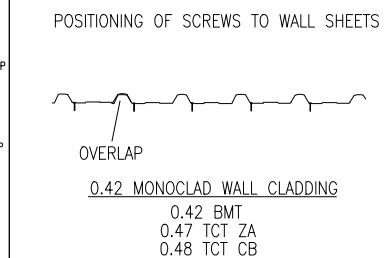
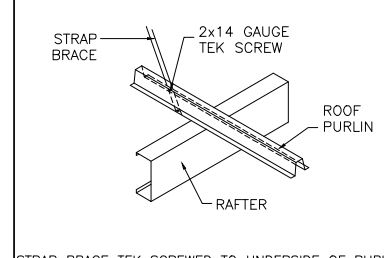
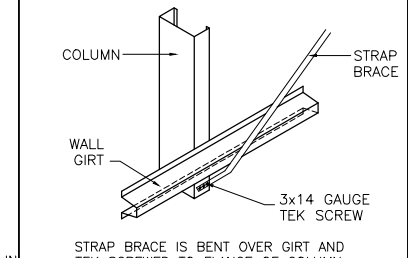
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Signature

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 <p>( * Refer to member schedule for Bolt size).</p>			 <p>NOTES : 1. 6x14 GAUGE TEK SCREWS FOR TOTAL LAP AND CONNECTION 2. SCREWS IN LAP LOCATED 25mm FROM END OF LAP</p>			 <p>NOTES : 1. 6x14 GAUGE TEK SCREWS FOR TOTAL LAP AND CONNECTION 2. SCREWS IN LAP LOCATED 25mm FROM END OF LAP</p>			 <p>2x14 GAUGE TEK SCREWS PER CONNECTION 1 EACH SIDE</p>			 <p>NOTE: Non-cyclonic = 2x14g TEK SCREWS each side Cyclonic = 3x14g TEK SCREWS each side</p>		
C	MULLION FIXING ANGLE BRACKET	DWG NO MFA5	Dp	PURLIN CONNECTION DETAIL	DWG NO PCON2L	Dg	GIRT CONNECTION DETAIL	DWG NO GCON2L	EG	ENDWALL GIRT CONNECTION DETAIL	DWG NO EGCON2N	E	END WALL GIRT CONNECTION	DWG NO EG2-PH
 <p>Note: * Refer to Member Schedule for Screw Anchors and Frame Bolts.</p>			 <p>SCREW ARRANGEMENTS FOR ROOF SHEETS</p>			 <p>POSITIONING OF SCREWS TO WALL SHEETS</p>			 <p>STRAP BRACE TEK SCREWED TO UNDERSIDE OF PURLIN</p>			 <p>STRAP BRACE IS BENT OVER GIRT AND TEK SCREWED TO FLANGE OF COLUMN</p>		
F	BASE CONNECTION	DWG NO BC6	G	ROOF SHEETING PROFILE	DWG NO RONC5	H	WALL SHEET PROFILE	DWG NO W1NC4	M	STRAP BRACING	DWG NO PTSB	M	STRAP BRACING (UNLESS NOTED OTHERWISE)	DWG NO GTSB

MEMBER AND MATERIAL SCHEDULE

1	END WALL RAFTER	Single C15024
2	C.S. FRAME RAFTER	Single C15024
3	END FRAME COLUMN (C1)	Single C15019
4	END FRAME FULLY OPEN COLUMN (C1)	Single C15019
5	C.S. FRAME COLUMN (C1)	Single C15019
6	MULLION (C2)	Single C15015
7	ANCHOR BOLTS (# PER DETS.)	Screw Anchor 12mm x 100 Galv
8	EAVE PURLIN	C15012 (Eave Purlin 53mm above top of column)
9	TYP. ROOF PURLIN SIZE	Tophat 64 x 1.0
10	MAIN BLDG. PURLIN SPACING	0.726 m. (4 rows) (Max Allow. 0.764m)
11	MAIN BLDG. PURLIN LENGTH	4.2 m. (0.2m Overlap)
12	TYP. SIDEWALL GIRT SIZE	Tophat 64 x 1.0
13	MAIN BLDG. SIDEWALL GIRT SPACING	0.768 m. (3 rows) (Max Allow. 0.800m)
14	MAIN BLDG. SIDEWALL GIRT LENGTH	4.2 m. (0.2m Overlap)
15	TYP. ENDWALL GIRT SIZE	Tophat 64 x 1.0
16	MAIN BLDG. ENDWALL GIRT SPACING	0.648 m. (4 rows) (Max Allow. 0.800m)
17	MAIN BLDG. ENDWALL GIRT LENGTH	2.88 m. (0.1m Overlap)
18	FRAME SCREW FASTENERS	14-13x22 Hex C/S (SP HD 5/16" Hex Drive)
19	FRAME BOLT FASTENERS	Purlin Assy M12x30 Z/P
20	X-BRACING STRAP AND FASTENERS	Single Bracing Strap Per Roll Light
21	WALL COLOUR	PALE_EUCALYPT
22	ROOF COLOUR	ZINCALUME
23	DOWNPIPE COLOUR	CLASSIC_CREAM
24	GUTTER COLOUR	CLASSIC_CREAM
25	CORNER FLASHING COLOUR	CLASSIC_CREAM
26	BARGE FLASHING COLOUR	CLASSIC_CREAM
27	OPENING FLASHING COLOUR	CLASSIC_CREAM
28	OPEN BAY HEADER HEIGHT	0.35

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

5  
OF  
7

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Signature .....

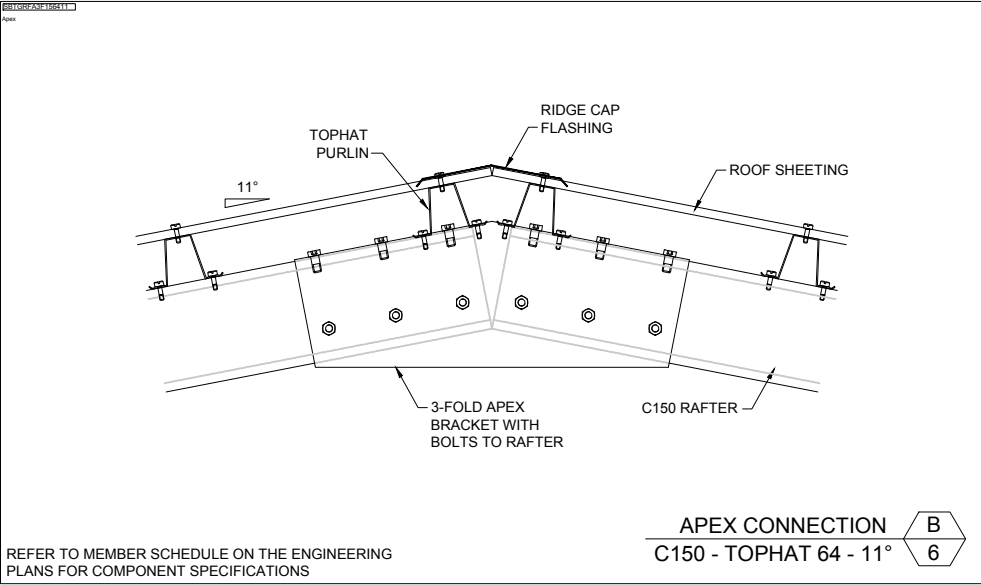
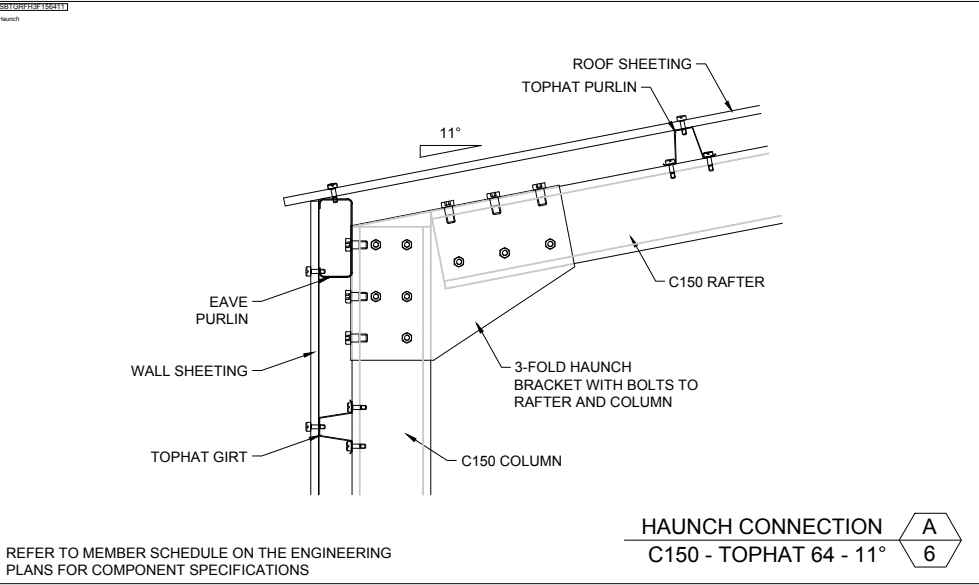
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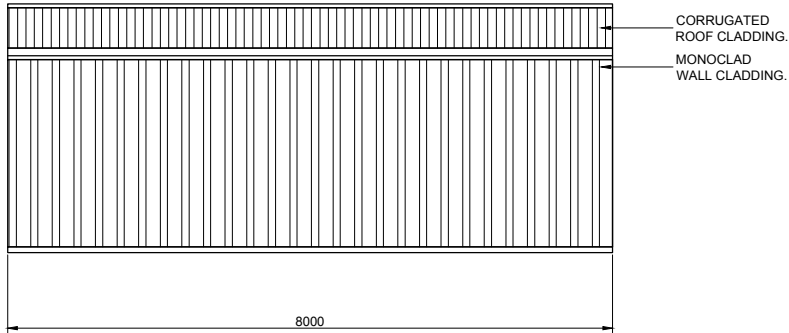
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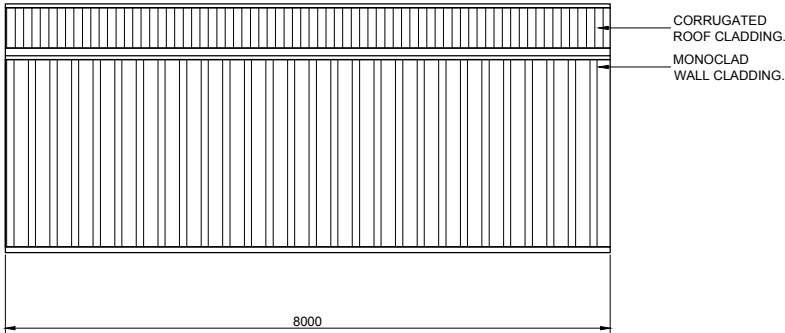
6 OF 7	SHEET	JOB NO. MAST34806	DATE 25/8/2021	CHECKED TM	DRAWN FDS	STEEL BUILDING BY  FOR  AT	(CONTACT) <b>MA STEEL</b> 02 6382 4387 <b>MARK HUGHES</b> 53 MELYRA ST GRENFELL			 Civil & Structural Engineers 50 Punari Street Currajong, Qld 4812 Fax: 07 4725 5850 Email: design@nceng.com.au ABN 341 008 173 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 25/8/2021 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register
		NCC 2019										



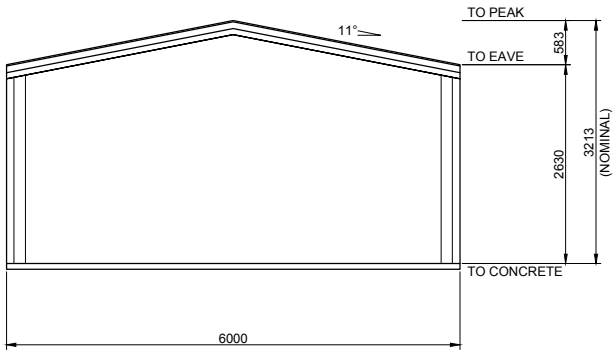
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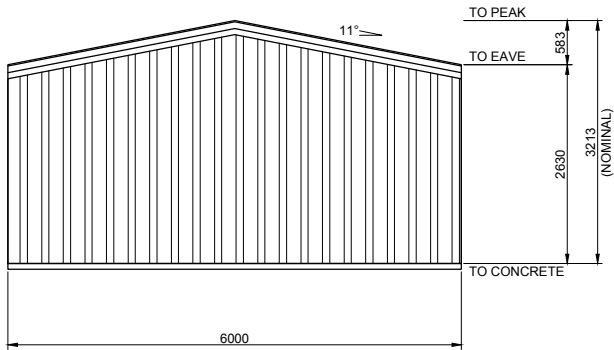
1 SIDEWALL EXTERIOR ELEVATION  
7 SCALE: 1 = 100



2 SIDEWALL EXTERIOR ELEVATION  
7 SCALE: 1 = 100



4 ENDWALL EXTERIOR ELEVATION  
7 SCALE: 1 = 100



3 ENDWALL EXTERIOR ELEVATION  
7 SCALE: 1 = 100

BUILDING COLOURS	
WALL	PALE EUCALYPT
ROOF	ZINCALUME
DOWNPIPE	CLASSIC CREAM
GUTTER	CLASSIC CREAM
CORNER FLASHING	CLASSIC CREAM
BARGE FLASHING	CLASSIC CREAM
OPENING FLASHING	CLASSIC CREAM

7 OF 7

SHEET

JOB NO.  
MAST34806


DATE  
25/8/2021


CHECKED  
TM


DRAWN  
FDS

STEEL BUILDING BY  
FOR  
AT

(CONTACT)  
**MA STEEL**  
02 6382 4387  
**MARK HUGHES**  
53 MELYRA ST  
GRENFELL








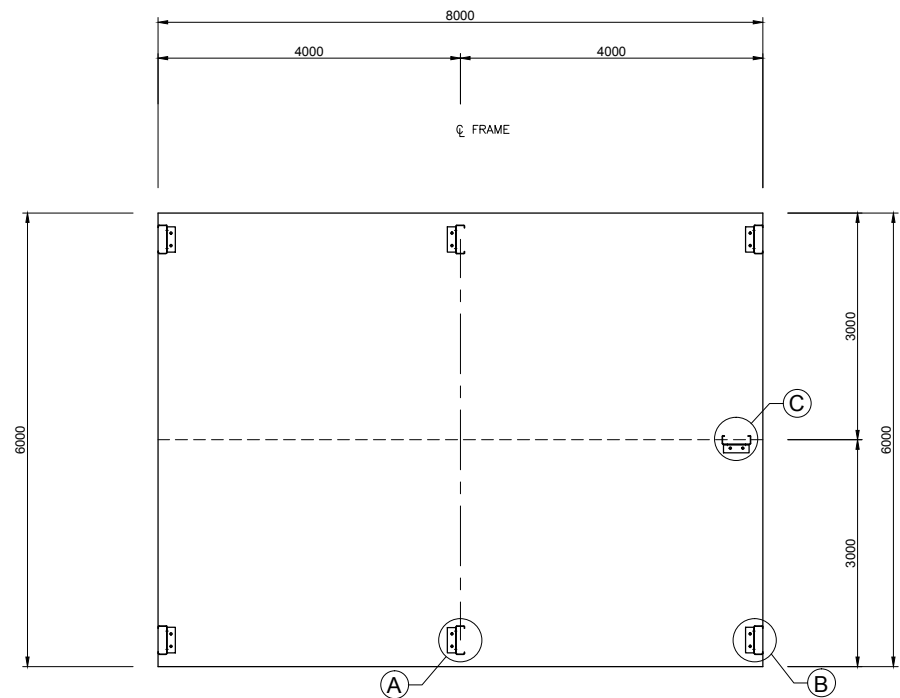
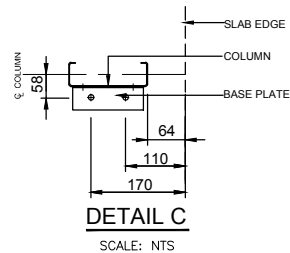
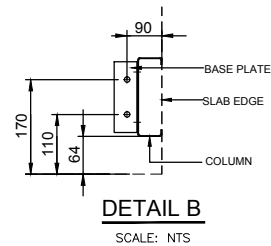
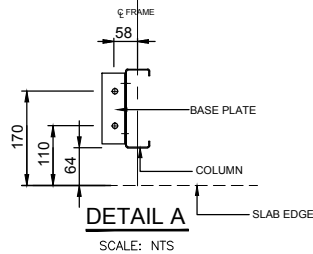
Civil & Structural Engineers  
50 Punari Street  
Currajong, Qld 4812  
Fax: 07 4725 5850  
Email: design@nceng.com.au  
ABN 341 008 173 56

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  
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Regn. No. CC5648M

Mr Timothy Roy Messer BE MIEAust RPEQ  
Signature   
Date 25/8/2021  
Registered on the NPER in the areas of practice  
of Civil & Structural National Professional  
Engineers Register

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1 BOLT LAYOUT PLAN  
1 SCALE: 1 = 100


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

JOB NO. MAST34806	DATE 25/8/2021	CHECKED TM	DRAWN FDS	<div>STEEL BUILDING BY</div> <div>FOR</div> <div>AT</div> <div>MA STEEL 02 6382 4387 MARK HUGHES 53 MELYRA ST GRENFELL</div> <div>25/8/2021</div>	<div>SHED SAFE accredited</div> <div>fairdinkum SHEDS</div>	<div>BOLT LAYOUT PLAN</div>
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# COMPLIANCE CERTIFICATE FOR BUILDING DESIGN

<b>Property Description</b> Street address (include number, street, suburb/locality & postcode)	53 MELYRA ST GRENFELL Postcode : 2810																																						
<b>Description of Component/s Certified</b> Clearly describe the extent of work covered by this certificate.	Steel Portal Frame Structure. 6m span x 8m O/A length x 2.63m eaves height. Consisting of 2 bays at 4m spacing.																																						
<b>Basis of Certification</b> 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) = 0.86 Topographic multiplier $M_t = 1$ Ext. Pressure Coefficient $c_{pe} = -1.35, 1.35$																																						
<b>Reference Documentation</b> 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: MAST34806 DATED : 25/8/2021 Specifications: Computations: Test Reports: Other Documentation:																																						
<b>Competent Person Details</b> 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="3">Timothy Roy Messer</td> </tr> <tr> <td>Company Name (If applicable):</td> <td colspan="3">Northern Consulting Engineers</td> </tr> <tr> <td>Postal Address:</td> <td colspan="3">50 Punari Street, Currajong 4812</td> </tr> <tr> <td>Contact Person:</td> <td colspan="3">Timothy Roy Messer</td> </tr> <tr> <td>Telephone Number:</td> <td colspan="3">07 4725 5550</td> </tr> <tr> <td>Mobile Number:</td> <td colspan="3">N/A</td> </tr> <tr> <td>Fax Number:</td> <td colspan="3">07 4725 5850</td> </tr> <tr> <td>Email Address:</td> <td colspan="3">design@nceng.com.au</td> </tr> <tr> <td>License or Registration Number:</td> <td>2558980</td> <td>Copy of CV Attached:</td> <td>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:	Tick Box
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<b>Signature of Competent Person</b> 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: 25/8/2021																																						

## LOCAL GOVERNMENT USE ONLY

Date received		Reference Number/s		
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