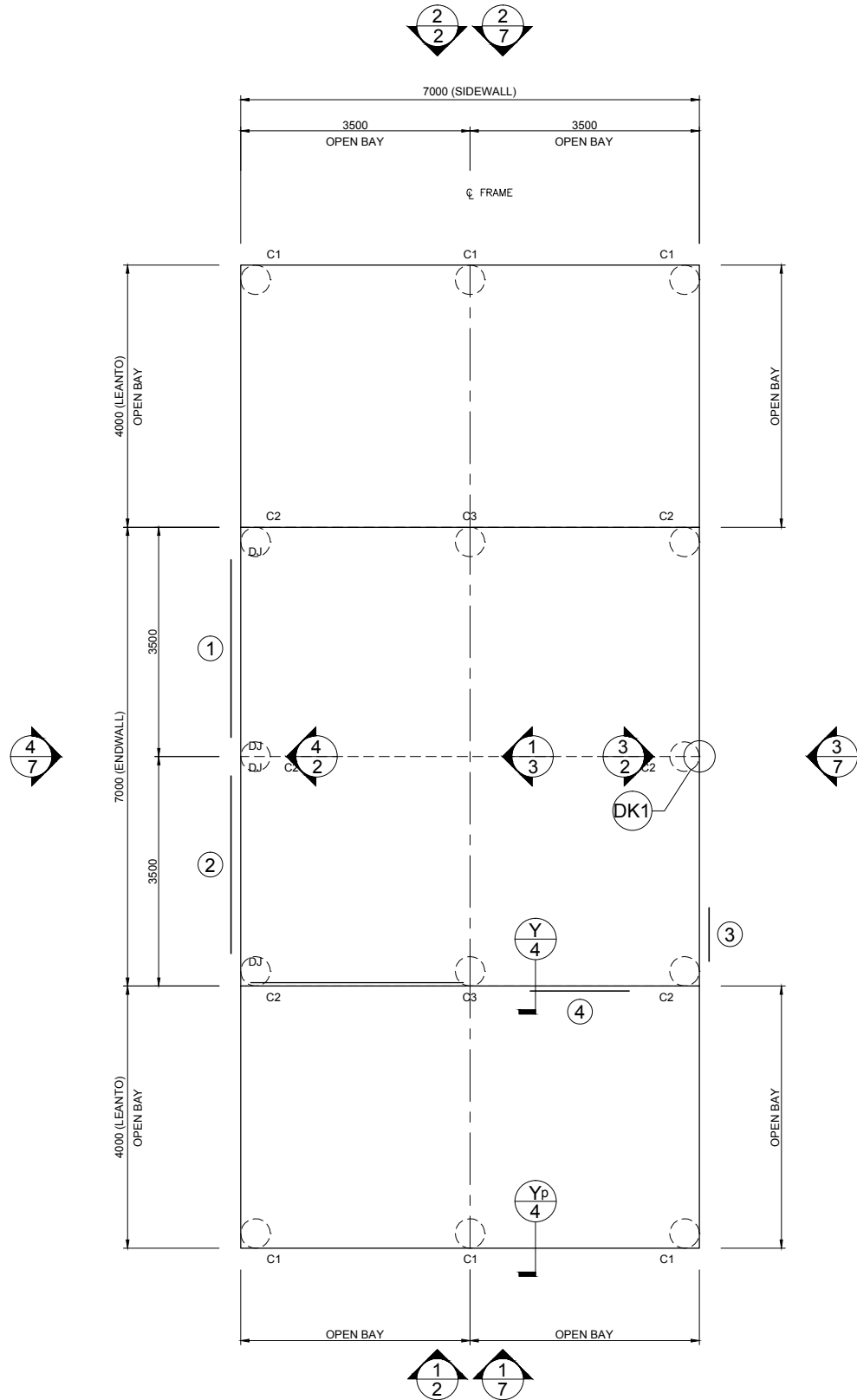


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IF IN DOUBT, ASK.



1 FOUNDATION PLAN AND MEMBER LAYOUT
SCALE: 1 = 100

DJ - INDICATES DOOR JAMBS AT THESE LOCATIONS. REFER TO SHEET #4 ON THE DOOR SCHEDULE FOR SIZES

MEMBER LEGEND

C1	SHS07525
C2	C15015
C3	2C15015

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

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STEEL BUILDING BY (CONTACT)
FAIR DINKUM BUILDS YOUNG
02 6382 4387
OLIVE (SAM)
18 HAZELTON PLACE
MURRINGO



**FAIR DINKUM
BUILDS**



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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. PE0002216
Regn. No. CC5648M

Mr Timothy Roy Messer BE MIEAust RPEQ

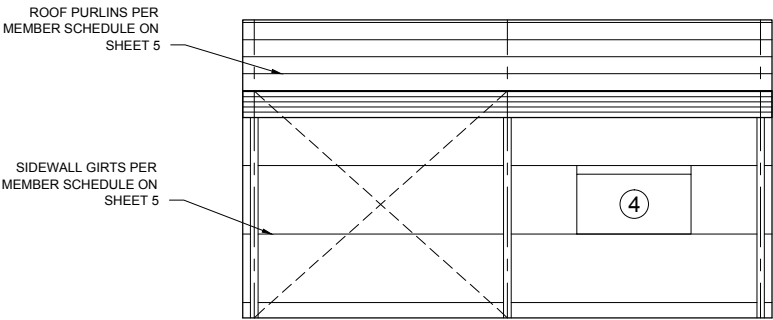
Signature *T. Messer*

Date 15/4/2025

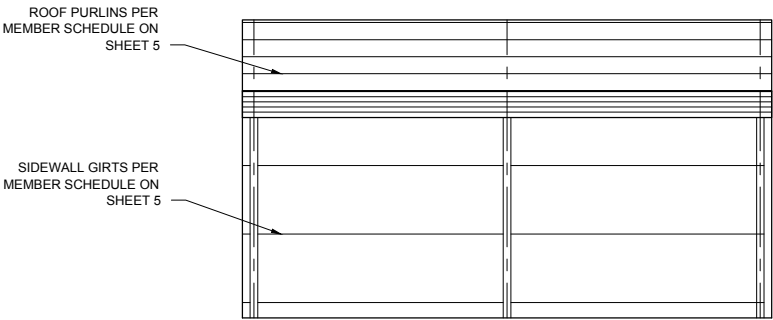
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1 OF 7
SHEET
JOB NO. FDYO140253
DATE 15/4/2025
CHECKED TM
DRAWN FDB

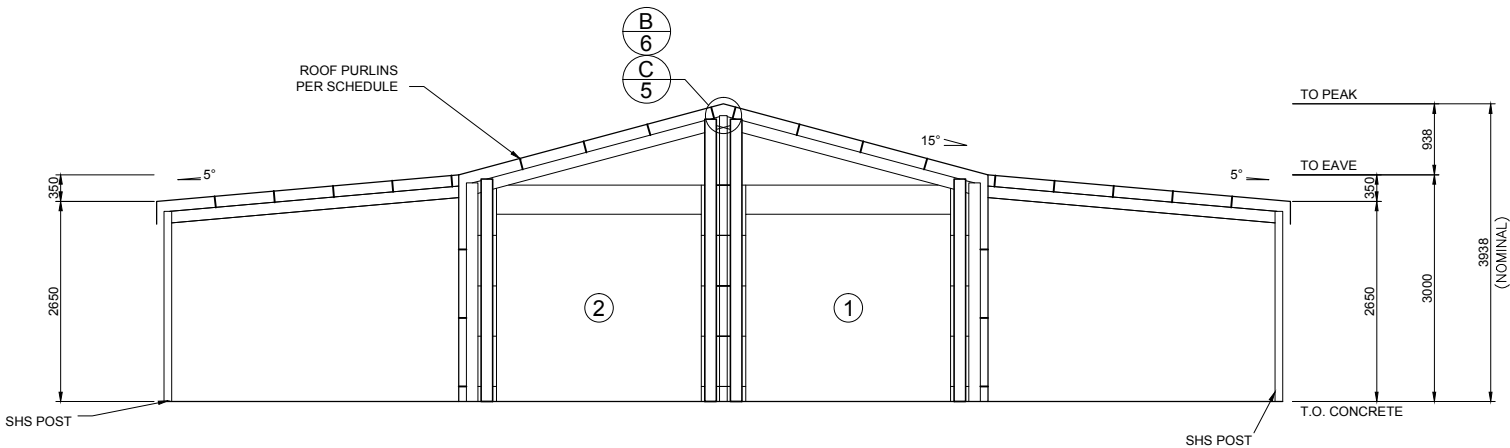
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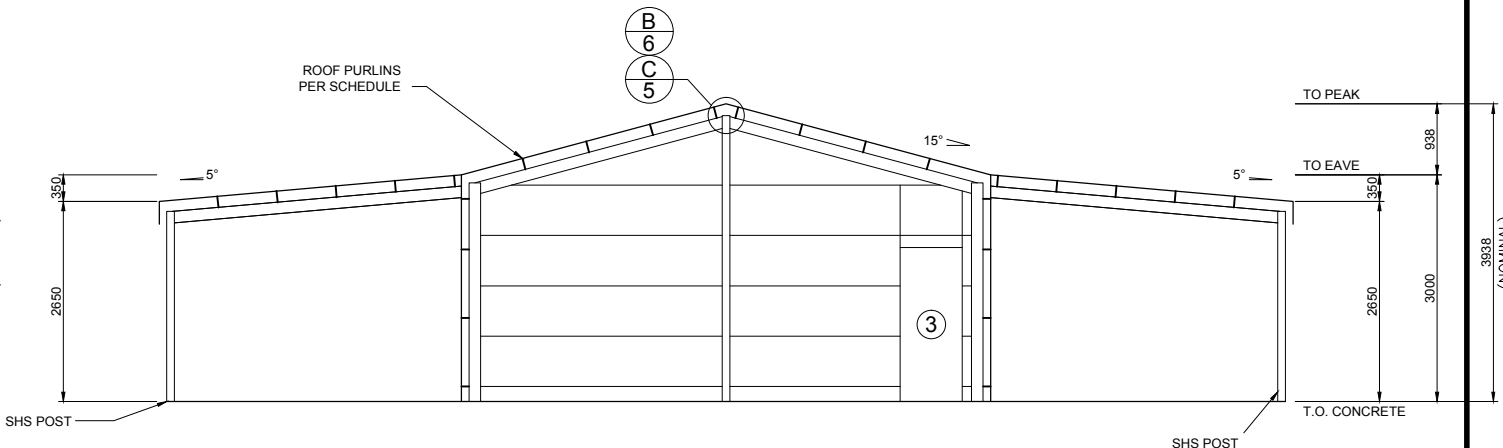
1
2
SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 100



2
2
SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 100



4
2
ENDWALL INTERIOR ELEVATION
SCALE: 1 = 100

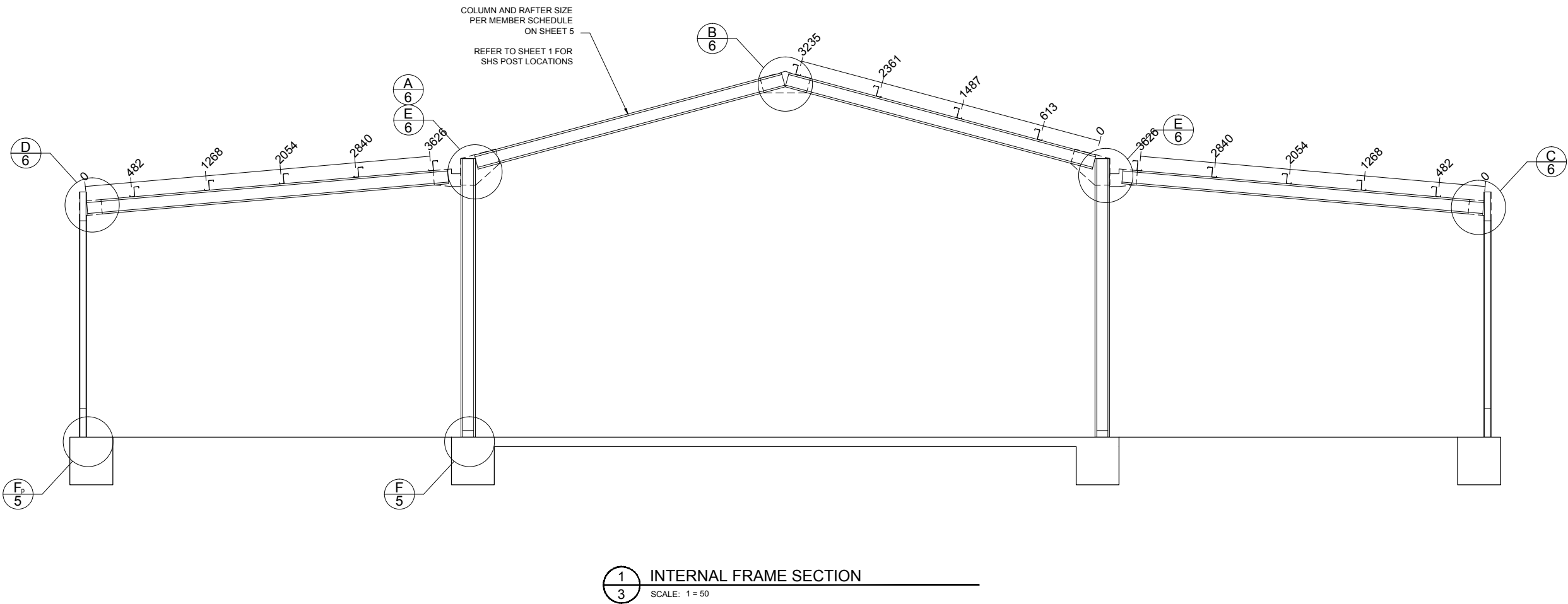


3
2
ENDWALL INTERIOR ELEVATION
SCALE: 1 = 100

X BRACING IS REQUIRED IN 1 SIDE BAY.
SEE LAYOUT OR PLANS FOR PLACEMENT.

2 OF 7	SHEET	JOB NO. FDYO140253	DATE 15/4/2025	CHECKED TM	DRAWN FDB	STEEL BUILDING BY	(CONTACT)	FOR	AT	FAIR DINKUM BUILDS YOUNG 02 6382 4387 OLIVE (SAM) 18 HAZELTON PLACE MURRINGO	SHED SAFE accredited	FAIR DINKUM BUILDS	NORTHERN CONSULTING engineers	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
						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. PE0002216 Regn. No. CC5648M							Signature Date 15/4/2025 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register	

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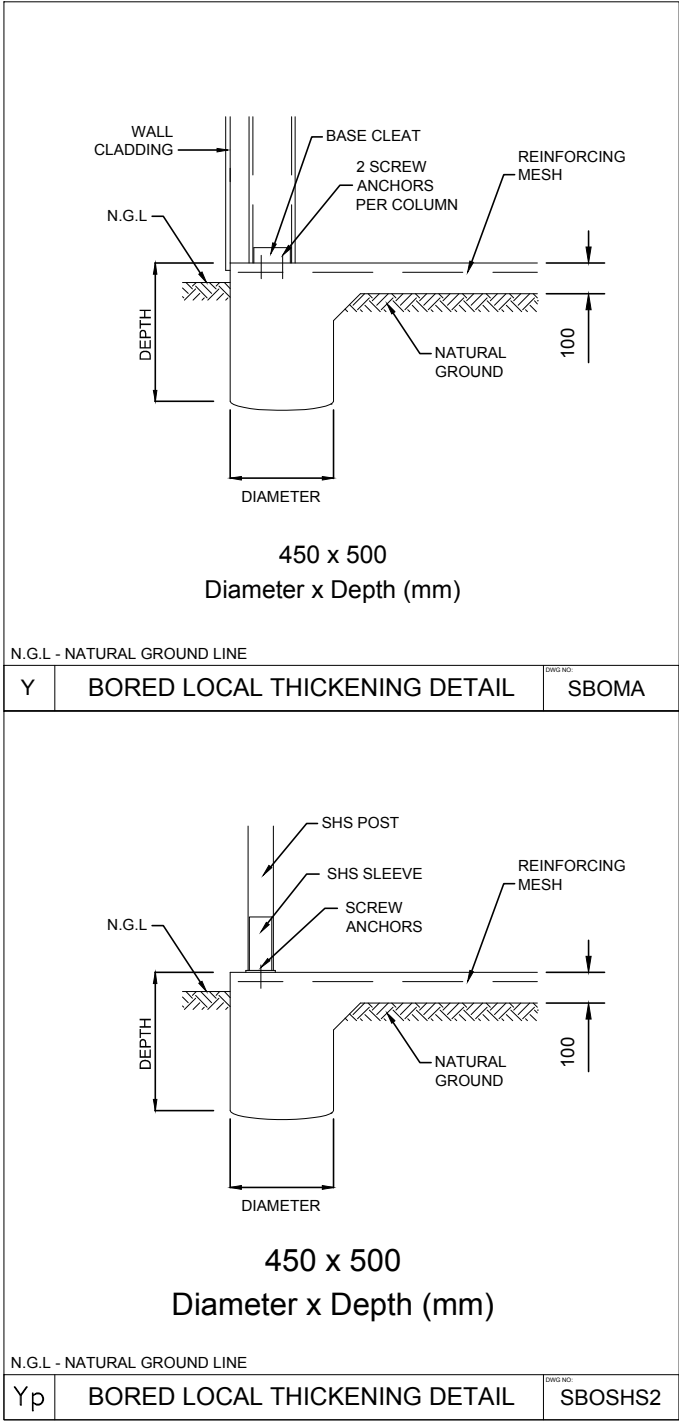
Refer to Sheet #4 for concrete specification.

3 OF 7	SHEET	JOB NO. FDYO140253	DATE 15/4/2025	CHECKED TM	DRAWN FDB	STEEL BUILDING BY	(CONTACT)			
						FOR	AT			
<div>FAIR DINKUM BUILDS YOUNG</div> <div>02 6382 4387</div> <div>OLIVE (SAM)</div> <div>18 HAZELTON PLACE</div> <div>MURRINGO</div>							<div>SHED SAFE</div> <div>accredited</div>	<div>FAIR DINKUM BUILDS</div>	<div>NORTHERN CONSULTING engineers</div> <div>Civil & Structural Engineers</div> <div>50 Punari Street</div> <div>Currajong, Qld 4812</div> <div>Fax: 07 4725 5850</div> <div>Email: design@nceng.com.au</div> <div>ABN 341 008 173 56</div> <div>Registered Chartered Professional Engineer</div> <div>Registered Professional Engineer (Civil & Structural) QLD</div> <div>Registered Certifying Engineer (Structural) N.T.</div> <div>Registered Engineer - (Civil) VIC</div> <div>Registered Engineer - (Civil) TAS</div> <div>Regn. No. 2558980</div> <div>Regn. No. 9985</div> <div>Regn. No. 116373ES</div> <div>Regn. No. PE0002216</div> <div>Regn. No. CC5648M</div>	<div>Mr Timothy Roy Messer BE MIEAust RPEQ</div> <div>Signature </div> <div>Date 15/4/2025</div> <div>Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register</div>

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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. THE BUILDING IS DESIGNED AS A STAND-ALONE BUILDING, NOT RELYING ON ANY ADJACENT BUILDING. IF THE PERMANENT OPENING IS OBSTRUCTED BY ANY ADJACENT BUILDING AND WITHIN A DISTANCE OF 0.5M OF SAID OPENING, THE DESIGN SHOULD BE REFERRED TO THE DESIGN ENGINEER FOR REVIEW OF INTERNAL PRESSURES AND POSSIBLE REDESIGN.
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, 25MPa FOR EXPOSURE A2, 32MPa FOR EXPOSURE B1, 40MPa FOR EXPOSURE B2 AND 50MPa 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 PUNCHINGS.
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 _{sit} B 41 m/s
WIND REGION: Reg A0
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
SOIL SAFE BEARING CAPACITY: 100 kPa
RETURN PERIOD: 1:500
LIMITING CPI 1: -0.63
LIMITING CPI 2: 0.69
IMPORTANCE LEVEL: 2

DETAIL KEYS
<div>DK1</div> ENDWALL VERTICAL MULLION (SEE DETAIL C/5 FOR TOP CONN. AND F/5 FOR BASE CONN.)
<div>DK2</div> FLYBRACING PER DETAIL L/5
<div>DK3</div> X-BRACING IN ROOF ABOVE (SEE DETAIL M/5)
<div>DK4</div> 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	2480*	2.50H X 2.77 CB *SERIES A #	SINGLE	C15015P	NO
②	2710	2480*	2.50H X 2.77 CB *SERIES A #	SINGLE	C15015P	NO
③	820	2040	EXTERNAL PA DOOR 180 DEG	SINGLE		YES
④	1510	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.

4 OF 7

SHEET

JOB NO.
FDYO140253

DATE
15/4/2025

CHECKED
TM

DRAWN
FDB

STEEL BUILDING BY
(CONTACT)
FAIR DINKUM BUILDS YOUNG
02 6382 4387
OLIVE (SAM)
18 HAZELTON PLACE
MURRINGO

SHED SAFE

accuroad

NORTHERN CONSULTING engineers

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Registered Certifying Engineer (Structural) N.T.
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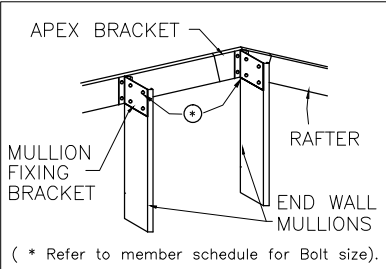
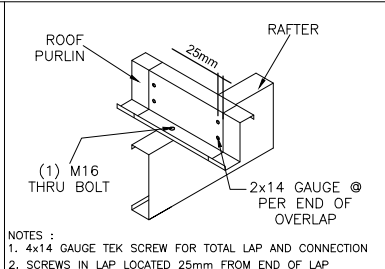
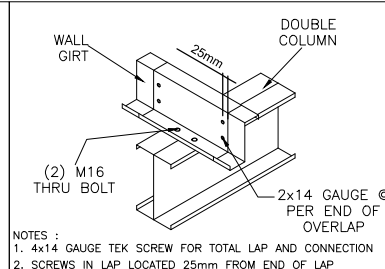
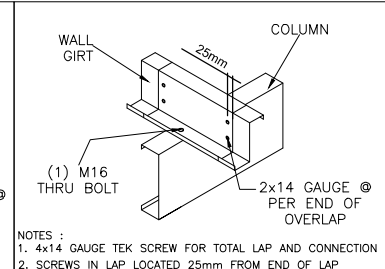
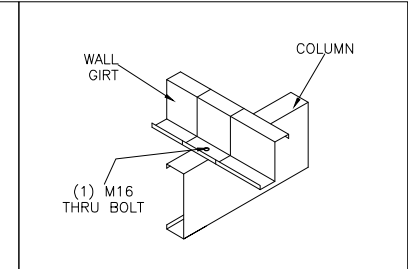
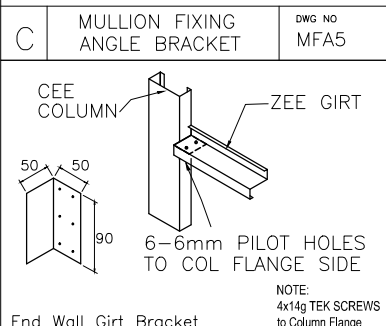
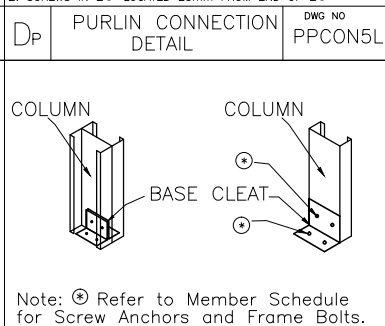
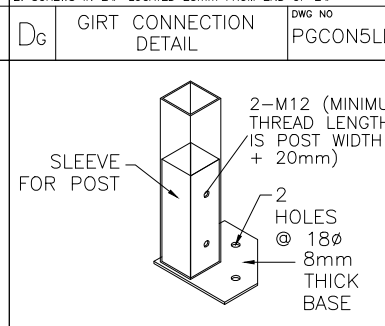
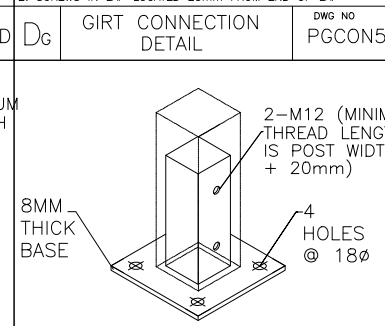
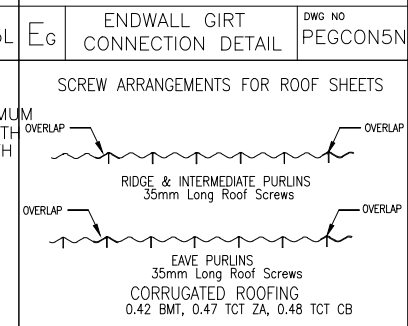
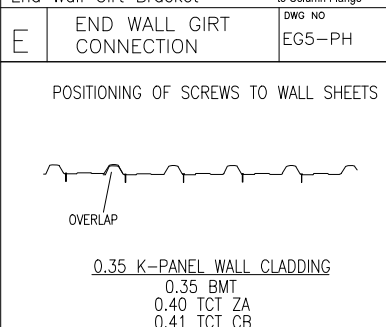
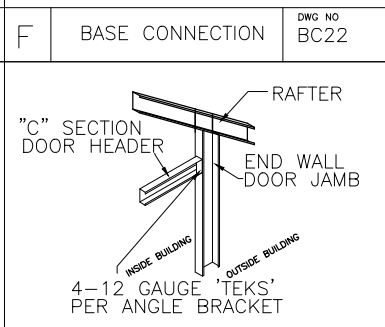
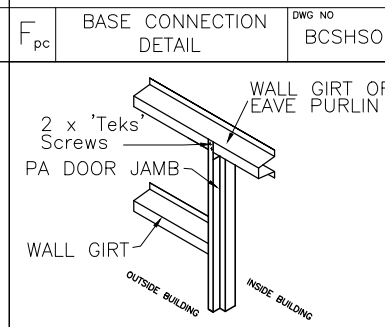
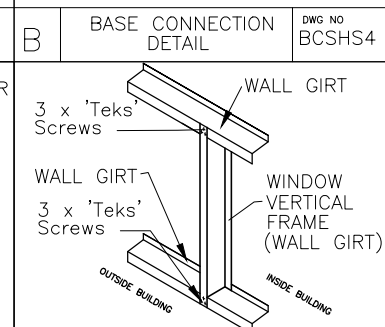
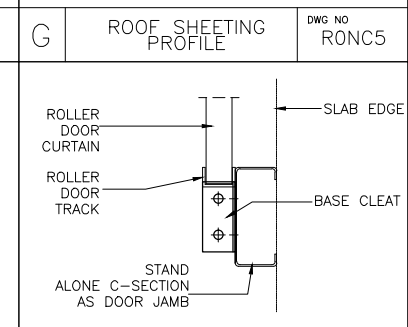
Mr Timothy Roy Messer BE MIEAust RPEQ

Signature

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 <p>C</p> <p>MULLION FIXING ANGLE BRACKET</p> <p>DWG NO MFA5</p>		 <p>D_P</p> <p>PURLIN CONNECTION DETAIL</p> <p>DWG NO PPCON5L</p>		 <p>D_G</p> <p>GIRT CONNECTION DETAIL</p> <p>DWG NO PGCON5LD</p>		 <p>D_G</p> <p>GIRT CONNECTION DETAIL</p> <p>DWG NO PGCON5L</p>		 <p>E_G</p> <p>ENDWALL GIRT CONNECTION DETAIL</p> <p>DWG NO PEGCON5N</p>	
 <p>End Wall Girt Bracket</p> <p>E</p> <p>END WALL GIRT CONNECTION</p> <p>DWG NO EG5-PH</p>		 <p>F</p> <p>BASE CONNECTION</p> <p>DWG NO BC22</p>		 <p>F_{pc}</p> <p>BASE CONNECTION DETAIL</p> <p>DWG NO BCSHS0</p>		 <p>B</p> <p>BASE CONNECTION DETAIL</p> <p>DWG NO BCSHS4</p>		 <p>G</p> <p>ROOF SHEETING PROFILE</p> <p>DWG NO RONC5</p>	
 <p>H</p> <p>WALL SHEET PROFILE</p> <p>DWG NO W4NC4</p>		 <p>J</p> <p>SIDE DOOR SUPPORT CONNECTION</p> <p>DWG NO DFRG</p>		 <p>K</p> <p>PERSONAL ACCESS DOOR</p> <p>DWG NO PADD1</p>		 <p>W</p> <p>WINDOW FRAME ATTACHMENT DETAIL</p> <p>DWG NO WADZ</p>		 <p>U</p> <p>SINGLE DOORS TO SINGLE ROLLER DOOR JAMB</p> <p>DWG NO SDSRM</p>	

MEMBER AND MATERIAL SCHEDULE

1	END WALL RAFTER	Single C15024
2	C.S. FRAME RAFTER	Single C15024
3	END FRAME COLUMN (C2)	Single C15015
4	C.S. FRAME COLUMN (C3)	Double C15015
5	MULLION (C2)	Single C15015
6	LL END FRAME OPEN CORNER COLUMN (C1)	Single 75x75x2.5mm thk SHS
7	LL OPEN BAY COLUMN (C1)	Single 75x75x2.5mm thk SHS
8	RL END FRAME OPEN CORNER COLUMN (C1)	Single 75x75x2.5mm thk SHS
9	RL OPEN BAY COLUMN (C1)	Single 75x75x2.5mm thk SHS
10	END WALL LL RAFTER	Single C15012
11	C.S. LL RAFTER	Single C15012
12	END WALL RL RAFTER	Single C15012
13	C.S. RL RAFTER	Single C15012
14	ANCHOR BOLTS (# PER DETS.)	Screw Anchor 12mm x 100 Galv
15	EAVE PURLIN	C15012
16	LEFT LEANTO EAVE PURLIN	C15012
17	RIGHT LEANTO EAVE PURLIN	C15012
18	TYP. ROOF PURLIN SIZE	Z10010
19	MAIN BLDG. PURLIN SPACING	0.874 m. (4 rows) (Max Allow. 0.952m)
20	MAIN BLDG. PURLIN LENGTH	3.85 m. (0.35m Overlap)
21	LEFT LEANTO PURLIN SPACING	0.786 m. (5 rows) (Max Allow. 0.952m)
22	RIGHT LEANTO PURLIN SPACING	0.786 m. (5 rows) (Max Allow. 0.952m)
23	TYP. SIDEWALL GIRT SIZE	Z10010
24	MAIN BLDG. SIDEWALL GIRT SPACING	0.907 m. (3 rows) (Max Allow. 1.100m)
25	MAIN BLDG. SIDEWALL GIRT LENGTH	3.85 m. (0.35m Overlap)
26	LEFT LEANTO SIDEWALL GIRT SPACING	0.395 m. (0 rows) (Max Allow. 0.458m)
27	RIGHT LEANTO SIDEWALL GIRT SPACING	0.395 m. (0 rows) (Max Allow. 0.458m)
28	TYP. ENDWALL GIRT SIZE	Z10010
29	MAIN BLDG. ENDWALL GIRT SPACING	0.666 m. (5 rows) (Max Allow. 0.708m)
30	MAIN BLDG. ENDWALL GIRT LENGTH	3.55 m. (0.3m Overlap)
31	FRAME SCREW FASTENERS	14-13x22 Hex C/S (SP HD 5/16" Hex Drive)
32	FRAME BOLT FASTENERS	Purlin Assy M12x30 Z/P
33	PURLIN/GIRT FASTENERS	Purlin Assy M16x30 Z/P
34	LEANTO SHS FRAME BOLT FASTENERS	Hex 4.6 Gal M12x100
35	X-BRACING STRAP AND FASTENERS	32 x 1.2mm Strap with 4 x 14g Tek Screws Each End
36	WALL COLOUR	PAPERBARK
37	ROOF COLOUR	WINDSPRAY
38	ROLLER DOOR COLOUR	PAPERBARK
39	P.A. DOOR COLOUR	PAPERBARK
40	WINDOW COLOUR	COLOURBOND
41	DOWNPIPE COLOUR	PAPERBARK
42	GUTTER COLOUR	MONUMENT
43	CORNER FLASHING COLOUR	PAPERBARK
44	BARGE FLASHING COLOUR	MONUMENT
45	OPENING FLASHING COLOUR	MONUMENT
46	OPEN BAY HEADER HEIGHT	0.5


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

5	OF	7
SHEET		
JOB NO. FDYO140253		
DATE 15/4/2025		
CHECKED TM		
DRAWN FDB		

STEEL BUILDING BY (CONTACT)
FAIR DINKUM BUILDS YOUNG
02 6382 4387
OLIVE (SAM)
18 HAZELTON PLACE
MURRINGO

FOR
AT






NORTHERN CONSULTING
engineers

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Email: design@nceng.com.au
ABN 341 008 173 56

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Registered Professional Engineer (Civil & Structural) QLD
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Regn. No. 2558980
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Regn. No. PE0002216
Regn. No. CC5648M

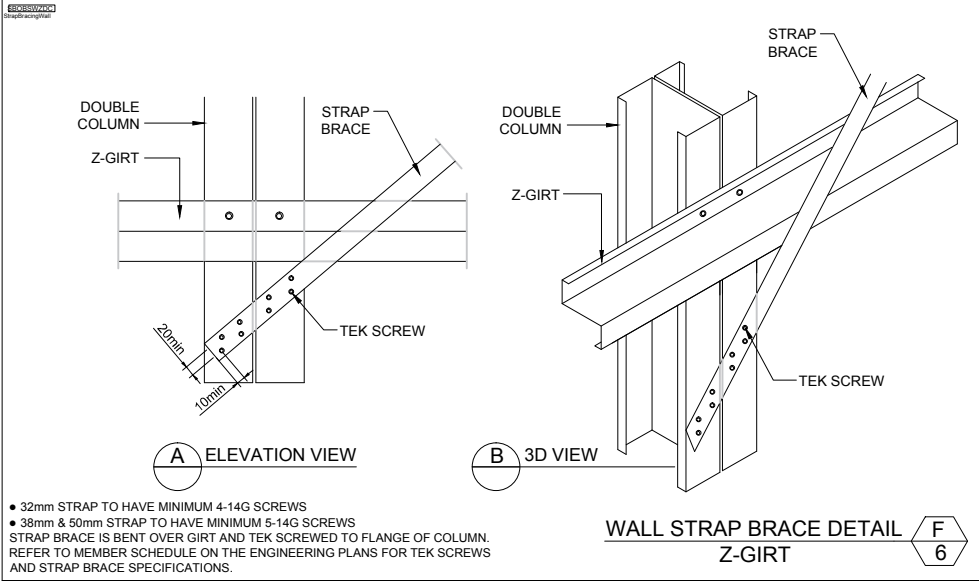
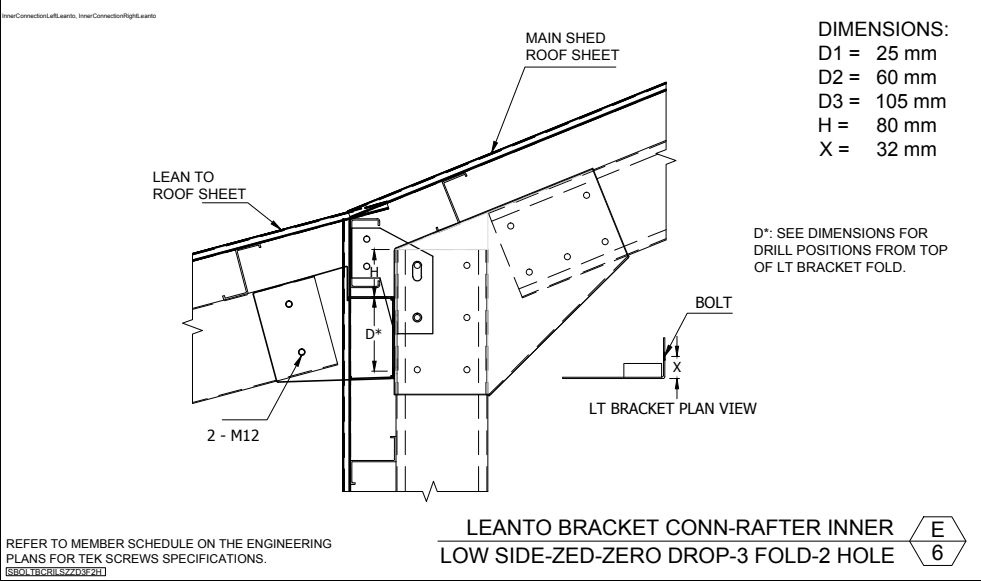
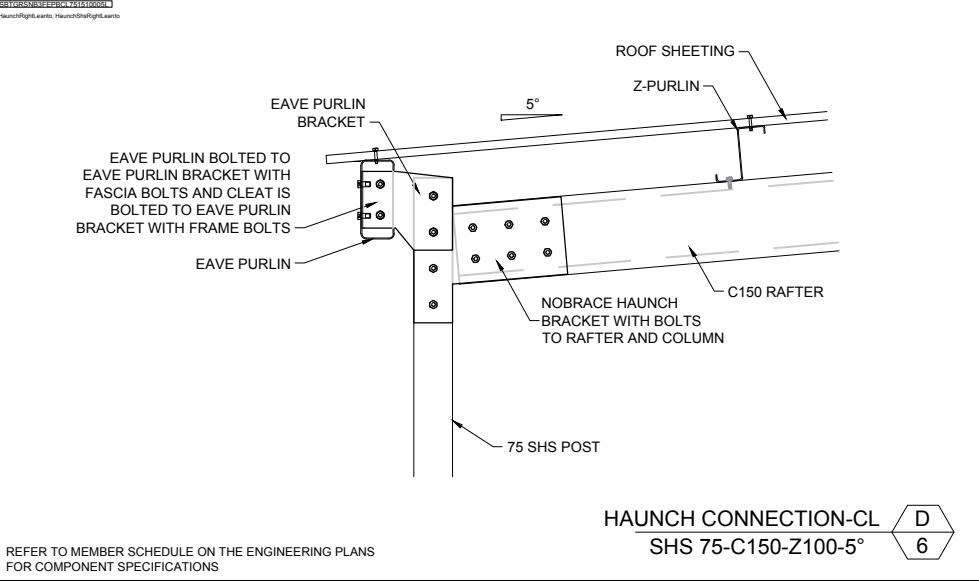
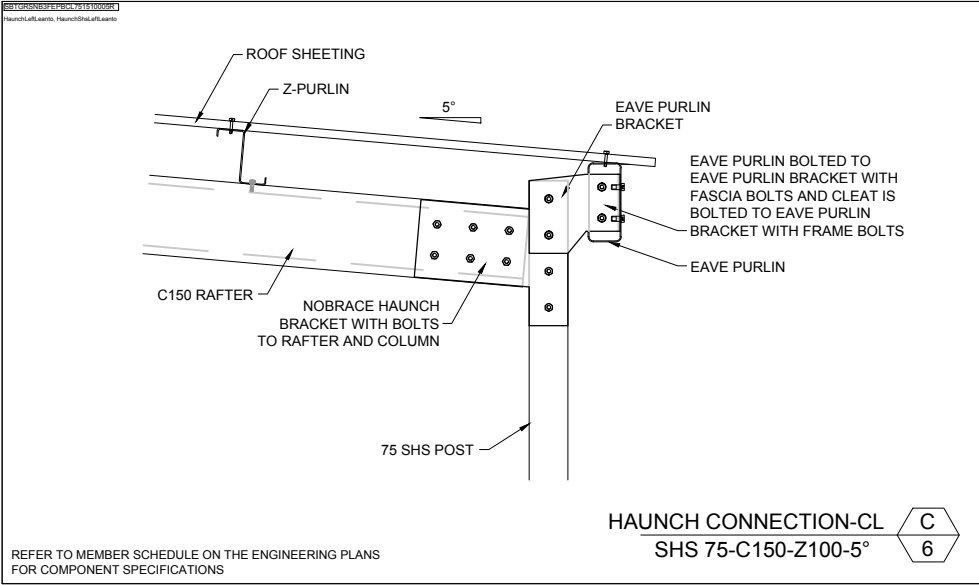
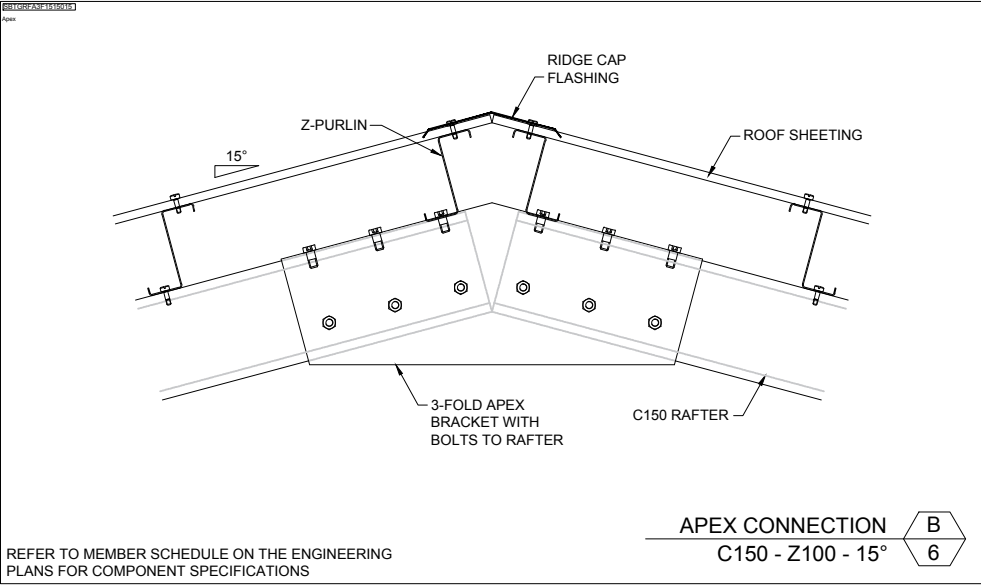
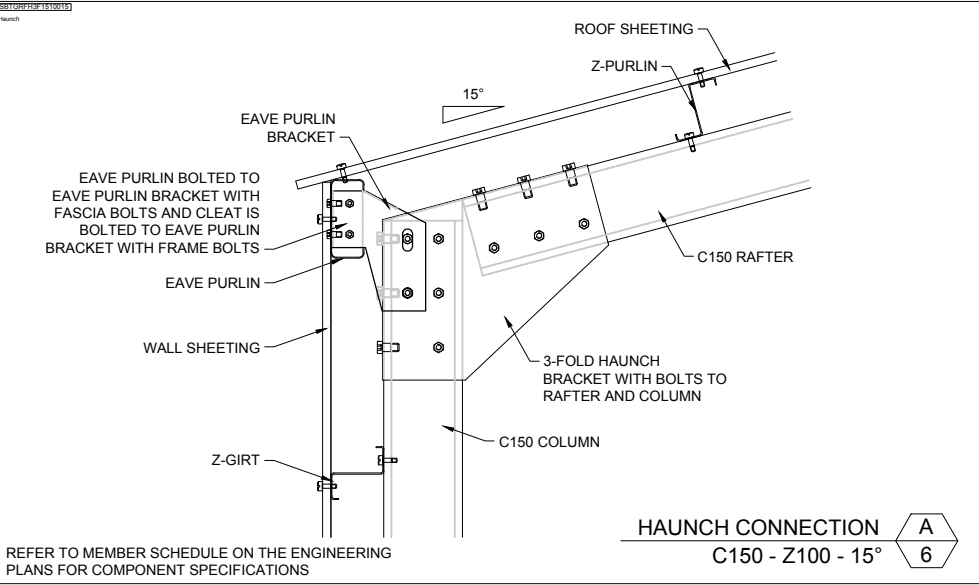
Mr Timothy Roy Messer BE MIEAust RPEQ

Signature 

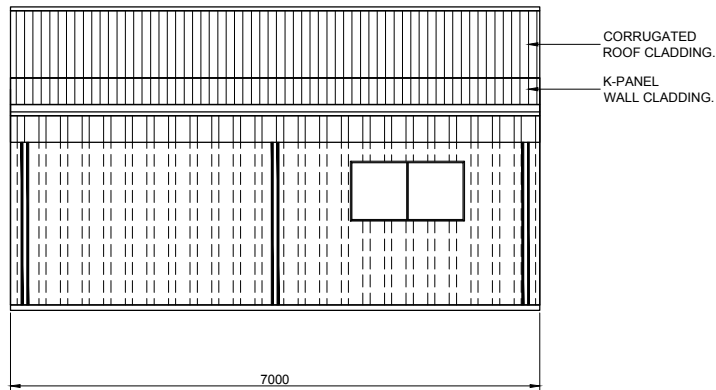
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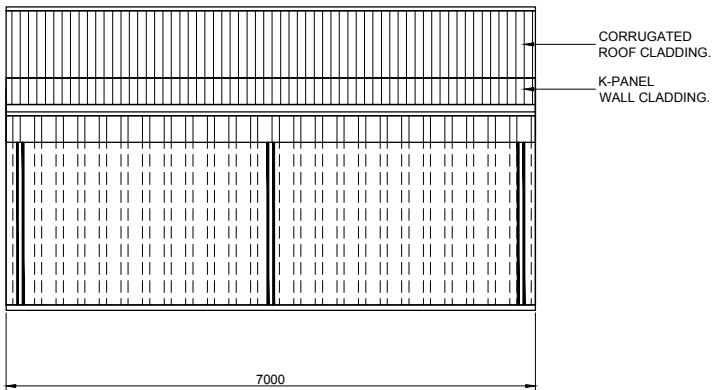
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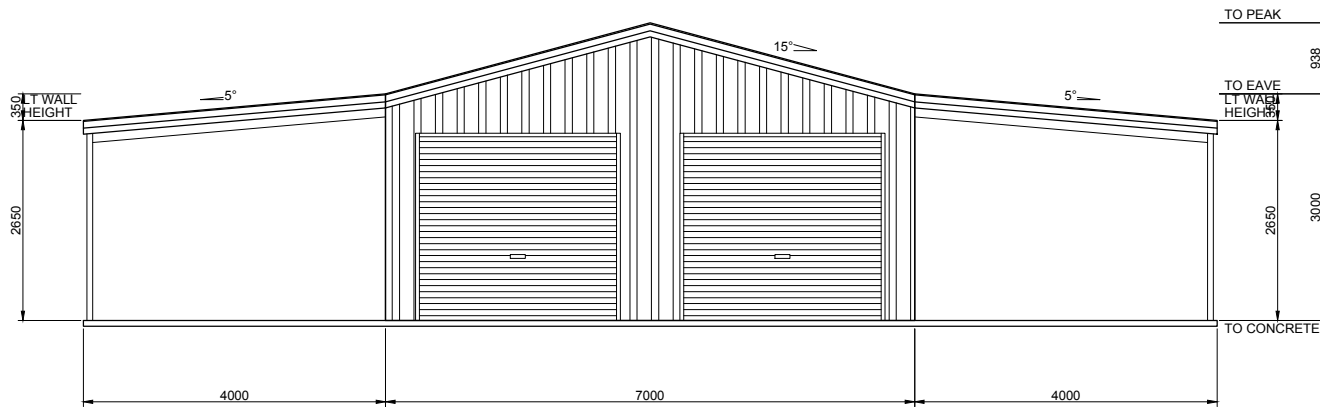
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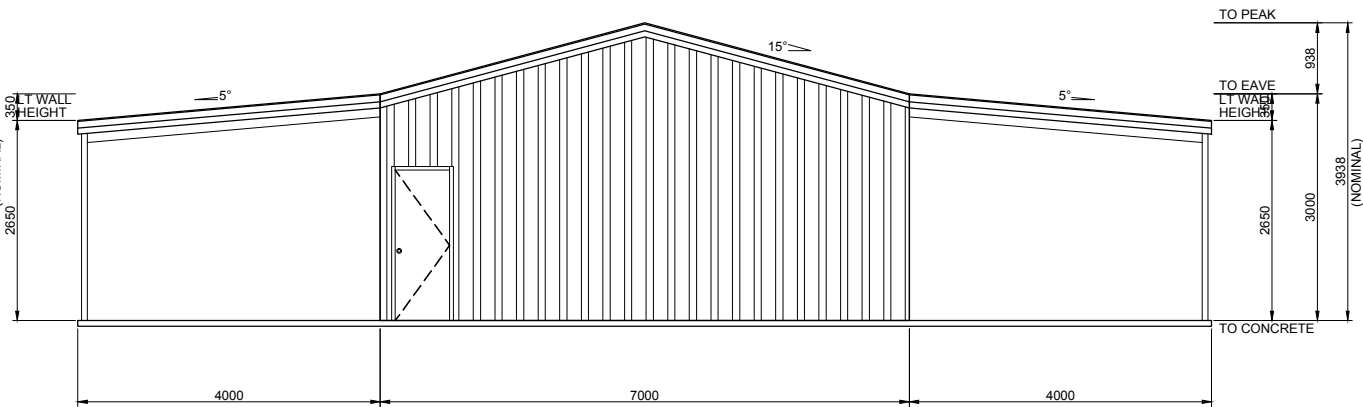
1 SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 100



2 SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 100



4 ENDWALL EXTERIOR ELEVATION
SCALE: 1 = 100



3 ENDWALL EXTERIOR ELEVATION
SCALE: 1 = 100

BUILDING COLOURS

WALL	PAPERBARK
ROOF	WINDSPRAY
ROLLER DOOR	PAPERBARK
P.A. DOOR	PAPERBARK
WINDOW	COLOURBOND
DOWNPIPE	PAPERBARK
GUTTER	MONUMENT
CORNER FLASHING	PAPERBARK
BARGE FLASHING	MONUMENT
OPENING FLASHING	MONUMENT

7 OF 7

SHEET

JOB NO.
FDYO140253

DATE
15/4/2025

CHECKED
TM

DRAWN
FDB

STEEL BUILDING BY (CONTACT)

FAIR DINKUM BUILDS YOUNG

FOR 02 6382 4387

AT OLIVE (SAM)

18 HAZELTON PLACE

MURRINGO



FAIR
DINKUM
BUILDS



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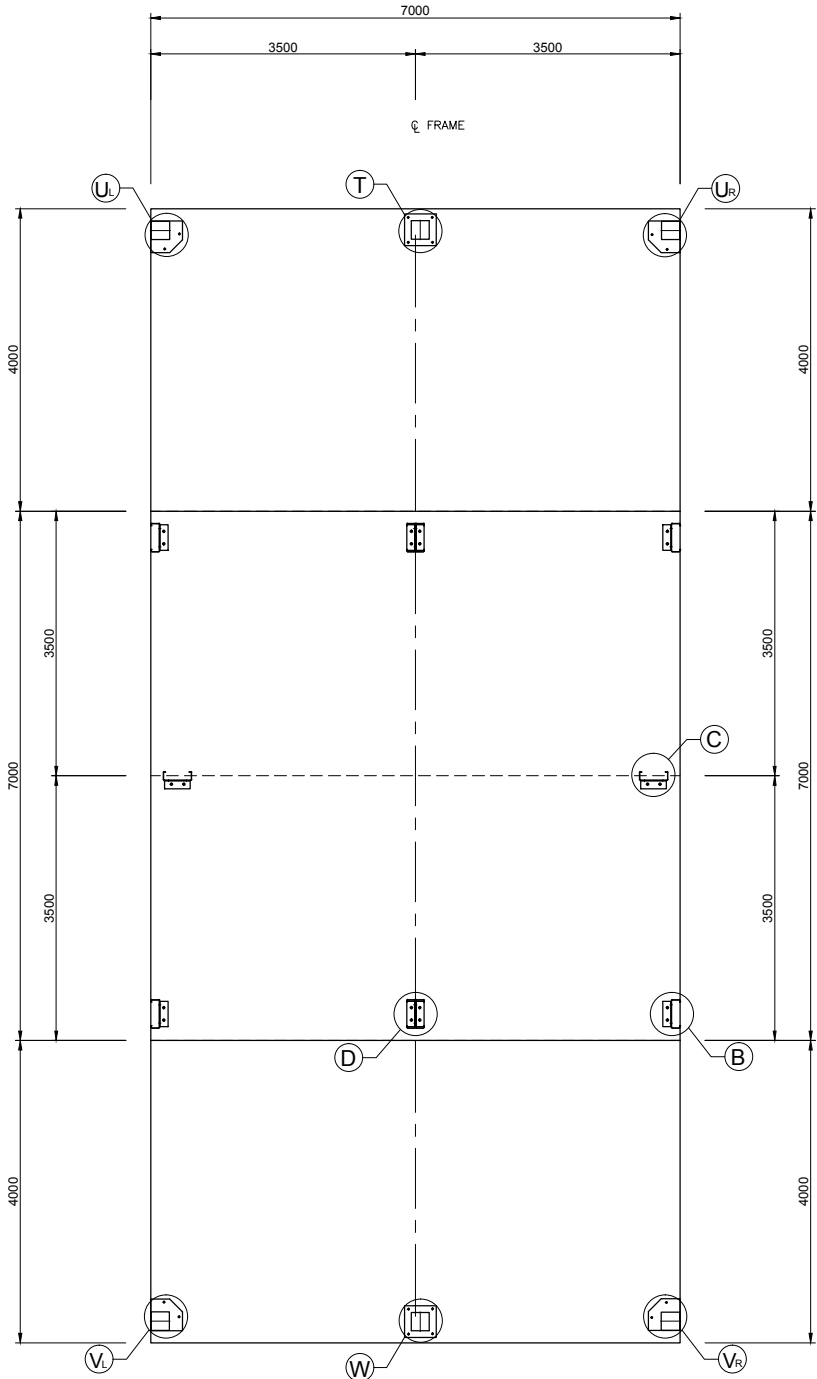
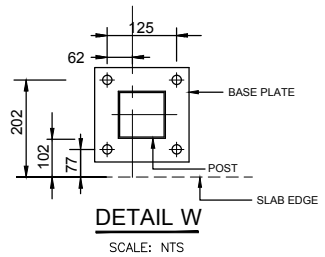
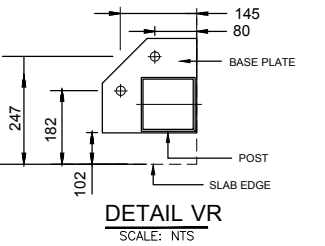
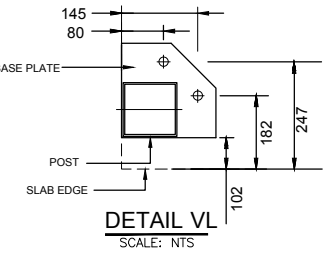
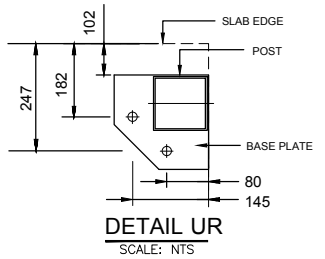
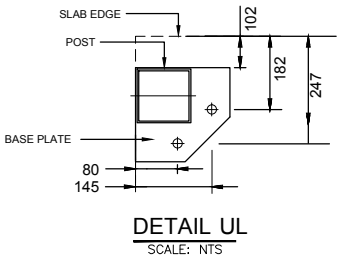
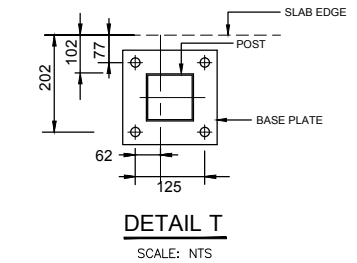
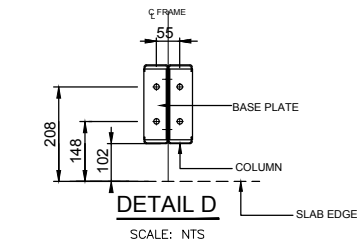
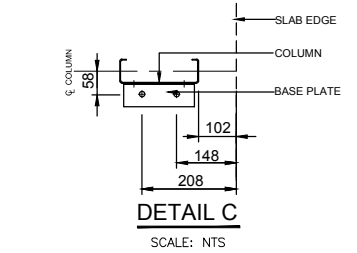
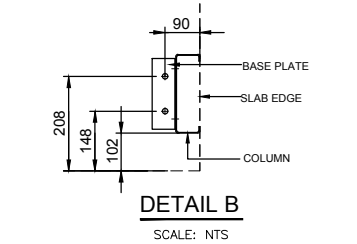
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Mr Timothy Roy Messer BE MIEAust RPEQ

Signature

Date 15/4/2025
Registered on the NPER in the areas of practice
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1 BOLT LAYOUT PLAN
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. FDY0140253	DATE 15/4/2025	CHECKED TM	DRAWN FDB	STEEL BUILDING BY FAIR DINKUM BUILDS YOUNG FOR OLIVE (SAM) AT 18 HAZELTON PLACE MURRINGO	 	BOLT LAYOUT PLAN
-----------------------	-------------------	---------------	--------------	--	---	-------------------------

COMPLIANCE CERTIFICATE FOR BUILDING DESIGN

Property Description Street address (include number, street, suburb/locality & postcode)	18 HAZELTON PLACE MURRINGO Postcode : 2583																													
Description of Component/s Certified Clearly describe the extent of work covered by this certificate.	Steel Portal Frame Structure. 7m span x 7m O/A length x 3m eaves height. Consisting of 2 bays at 3.5m spacing. Left leanto with 4m span, right leanto with 4m span.																													
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.	<div>Australian Standards (list) AS/NZS 4600-2018, AS/NZS 1170.0,1-2002, 1170.2-2021, 1170.3-2003, 1170.4-2007, AS2870-2011, AS3600-2018, AS5216-2021</div> <table><tr><td>2022 National Construction Code of Australia</td><td>NCC Building Classification: Class 10a</td></tr><tr><td>Region AS1170.2 = Reg A</td><td>Factor for Region = NA</td></tr><tr><td>NCC Importance Level = 2</td><td>NCC Equivalent Wind class = N/A</td></tr><tr><td>Annual Probability Exceedance wind = 1:500</td><td>Design Roof Live Load = 0.25 kPa</td></tr><tr><td>Regional 3 s Gust Wind Speed for annual probability of exceedance V_R = 45 m/s</td><td></td></tr><tr><td>Wind directional multipliers for the 8 cardinal directions M_d = 1.00</td><td></td></tr><tr><td>Terrain/Height multiplier (M_z, Cat) = 0.91</td><td>Shielding Multiplier M_s = 1</td></tr><tr><td>Topographic multiplier M_t = 1</td><td>Design Wind Speed = 41 m/s</td></tr><tr><td>Ext. Pressure Coefficient c_{pe} = -0.65, 0.70</td><td>Int. Pressure Coefficient c_{pi} = -0.63, 0.69</td></tr></table>			2022 National Construction Code of Australia	NCC Building Classification: Class 10a	Region AS1170.2 = Reg A	Factor for Region = NA	NCC Importance Level = 2	NCC Equivalent Wind class = N/A	Annual Probability Exceedance wind = 1:500	Design Roof Live Load = 0.25 kPa	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 = 1.00		Terrain/Height multiplier (M_z , Cat) = 0.91	Shielding Multiplier M_s = 1	Topographic multiplier M_t = 1	Design Wind Speed = 41 m/s	Ext. Pressure Coefficient c_{pe} = -0.65, 0.70	Int. Pressure Coefficient c_{pi} = -0.63, 0.69									
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Reference Documentation Clearly identify any relevant documentation, e.g numbered structural engineering plans	<div>Drawing Nos: 'Fair Dinkum Builds' Structural Design Drawing</div> <div>To be read in conjunction with Pages 1 to 7</div> <div>For Job Number: FDY0140253 DATED : 15/4/2025</div> <div>Specifications:</div> <div>Computations:</div> <div>Test Reports:</div> <div>Other Documentation:</div>																													
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><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>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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Email Address:	design@nceng.com.au																													
License or Registration Number:	2558980	Copy of CV Attached: <input type="checkbox"/> Tick Box																												
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.	<div>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.</div> <div>Signature of competent person:  Date: 15/4/2025</div>																													
LOCAL GOVERNMENT USE ONLY																														
Date received		Reference Number/s																												