

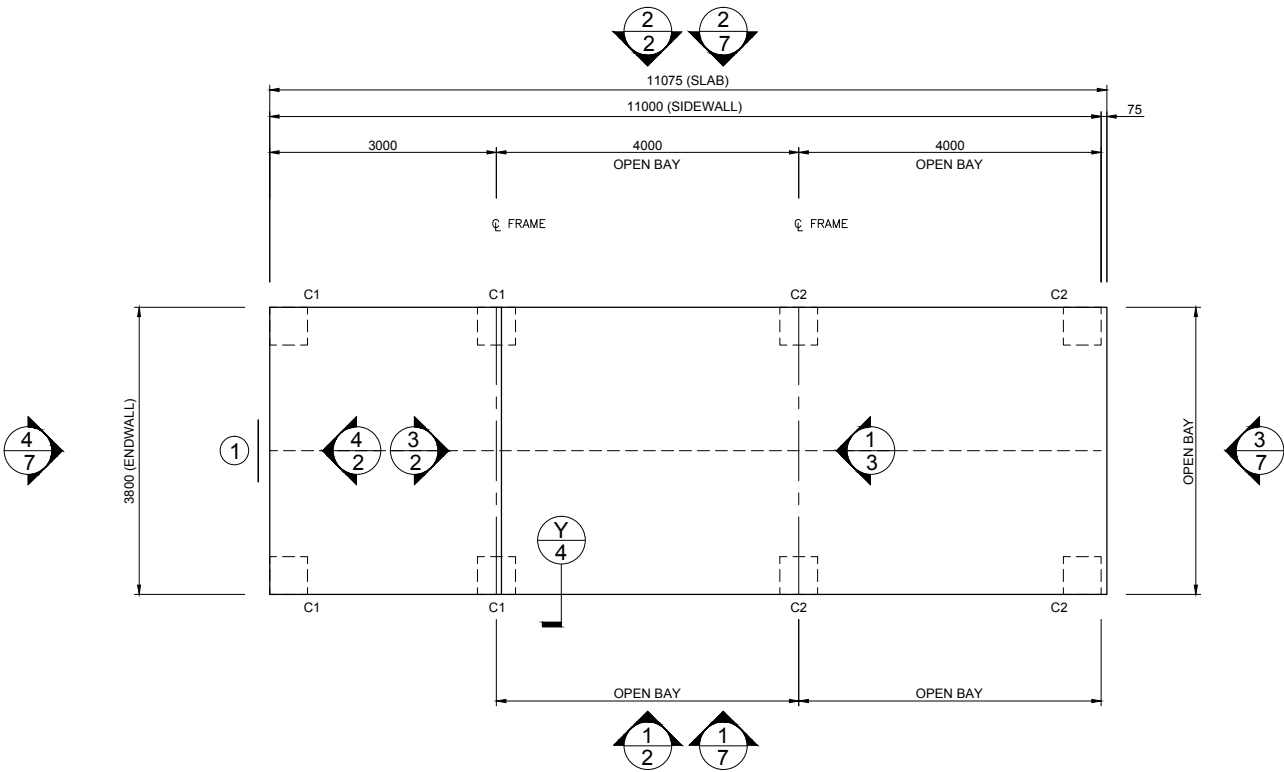
# APPENDIX B

## GARAPORT ENGINEERING PLANS



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IF IN DOUBT, ASK.



1 FOUNDATION PLAN AND MEMBER LAYOUT  
SCALE: 1 = 100

MEMBER LEGEND

C1	C15012
C2	SHS07540

STEEL BUILDING BY (CONTACT)  
**FAIR DINKUM BUILDS YASS**  
02 6226 4377  
**WALSH (MATT )**  
27 CAMP STREET  
MURRUMBATEMAN



**FAIR DINKUM BUILDS**



**NORTHERN CONSULTING**  
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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 5/5/2025

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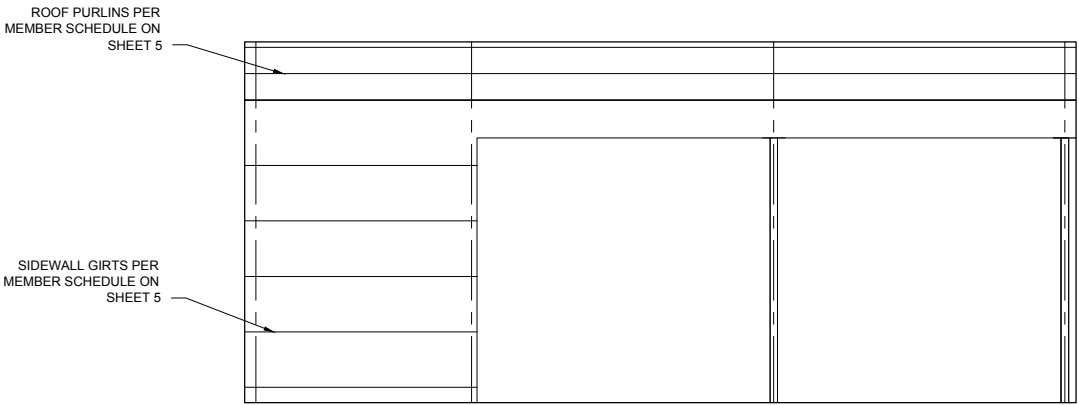
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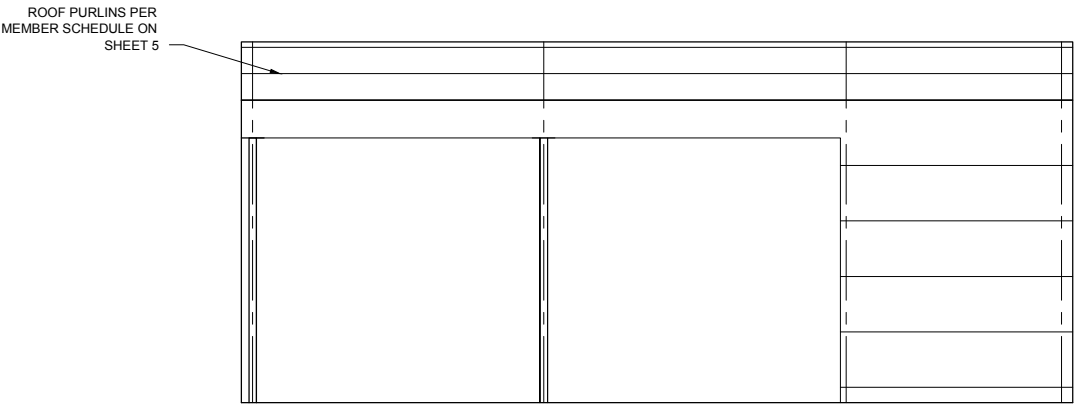
Please review prior  
to commencing  
your build

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

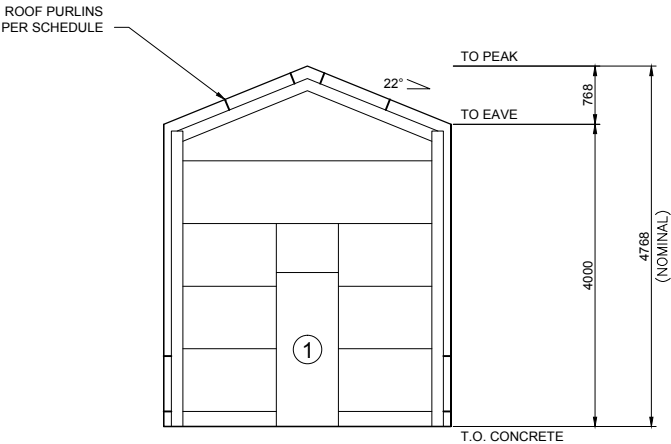
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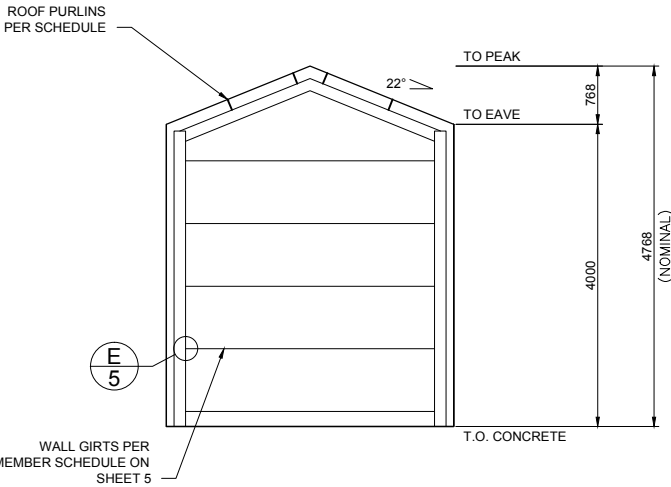
1 SIDEWALL EXTERIOR ELEVATION  
2 SCALE: 1 = 100



2 SIDEWALL EXTERIOR ELEVATION  
2 SCALE: 1 = 100



4 ENDWALL INTERIOR ELEVATION  
2 SCALE: 1 = 100

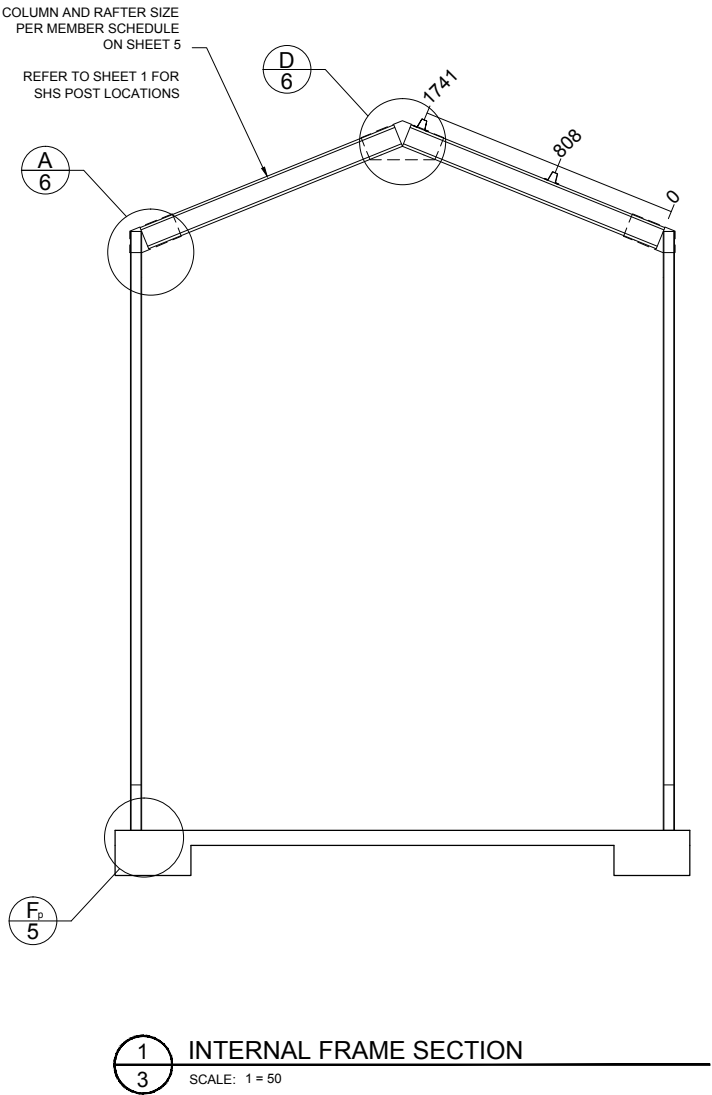


3 ENDWALL INTERIOR ELEVATION  
2 SCALE: 1 = 100

DIAGONAL X BRACING NOT REQUIRED IN THIS BUILDING.  
CLADDING DIAPHRAGM SUFFICIENT. FLY BRACING IS INCLUDED TO BE PLACED ON EVERY SECOND PURLIN AND GIRT ON ENDWALL MULLIONS, INTERNAL COLUMNS AND INTERNAL RAFTERS.

2 OF 7	SHEET	JOB NO. FDYA130213	DATE 5/5/2025	CHECKED TM	DRAWN FDB	STEEL BUILDING BY	(CONTACT)	FOR	AT	FAIR DINKUM BUILDS YASS 02 6226 4377 WALSH (MATT ) 27 CAMP STREET MURRUMBATEMAN			 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. PE0002216 Regn. No. CC5648M	Mr Timothy Roy Messer BE MIEAust RPEQ
						Signature	Date 5/5/2025								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. FDYA130213	DATE 5/5/2025	CHECKED TM	DRAWN FDB	STEEL BUILDING BY	(CONTACT)	FAIR DINKUM BUILDS YASS 02 6226 4377 WALSH (MATT ) 27 CAMP STREET MURRUMBATEMAN			 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
						FOR	AT					Signature

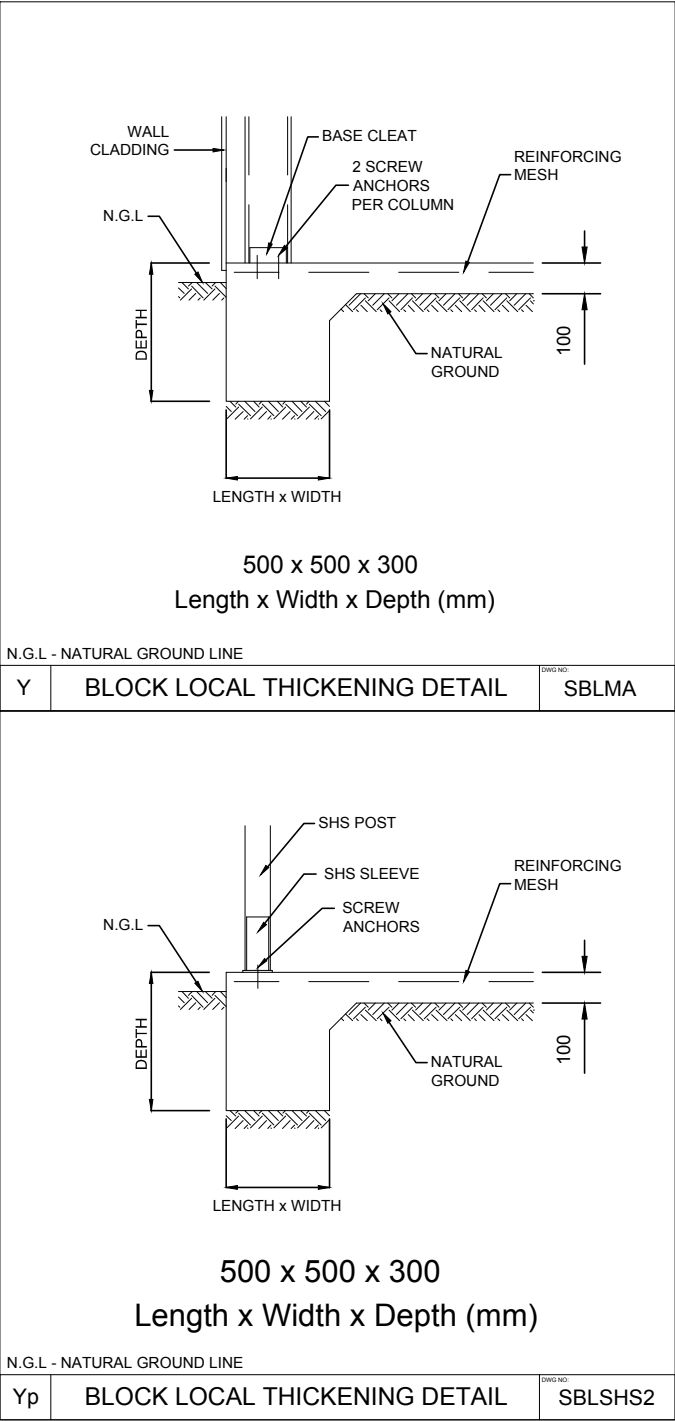
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STRUCTURAL GENERAL NOTES

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 <sub>site</sub> 38.5 m/s
WIND REGION: Reg A3
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 2.68
SOIL SAFE BEARING CAPACITY: 100 kPa
RETURN PERIOD: 1:500
LIMITING CPI 1: -0.3
LIMITING CPI 2: 0.05
IMPORTANCE LEVEL: 2

DETAIL KEYS
<div><div>DK1</div>ENDWALL VERTICAL MULLION (SEE DETAIL C/5 FOR TOP CONN. AND F/5 FOR BASE CONN.)</div> <div><div>DK2</div>FLYBRACING PER SCHEDULE G/6</div> <div><div>DK3</div>X-BRACING IN ROOF ABOVE (SEE DETAIL M/5)</div> <div><div>DK4</div>DOUBLE X-BRACING IN ROOF ABOVE (SEE DETAIL M/5)</div>

SCHEDULE OF OPENINGS						
DOOR	OPENING WIDTH	SIZE MAX HEIGHT	OPENING TYPE	HEADER GIRT	OPENING JAMBS	WIND RATED
①	820	2040	EXTERNAL PA DOOR 180 DEG	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.

4 OF 7

SHEET

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02 6226 4377  
**WALSH (MATT)**  
27 CAMP STREET  
MURRUMBATEMAN

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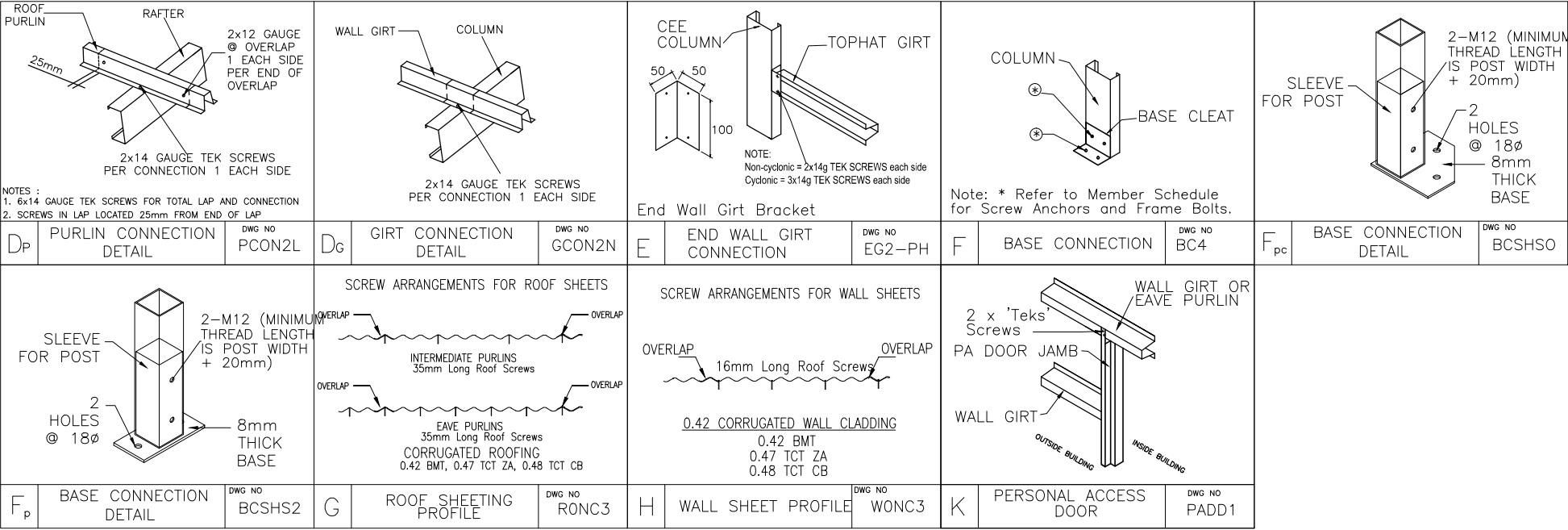
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MEMBER AND MATERIAL SCHEDULE

1	END WALL RAFTER	Single C15012
2	C.S. FRAME RAFTER	Single C15012
3	END FRAME COLUMN (C1)	Single C15012
4	END FRAME OPEN CORNER COLUMN (C2)	Single 75x75x4.0mm thk SHS
5	C.S. FRAME COLUMN (C1)	Single C15012
6	C.S. FRAME OPEN BAY COLUMN (C2)	Single 75x75x4.0mm thk SHS
7	ANCHOR BOLTS (# PER DETS.)	Screw Anchor 12mm x 100 Galv
8	SHS INT BASE ANCHOR BOLT	Screw Anchor 16mm x 100 Galv
9	SHS POST HAUNCH BRACKET POSITION	66mm above top of post
10	EAVE PURLIN	C15012 (Eave Purlin 43mm above top of column)
11	TYP. ROOF PURLIN SIZE	Tophat 64 x 1.0
12	MAIN BLDG. PURLIN SPACING	0.933 m. (2 rows) (Max Allow. 1.000m)
13	TYP. SIDEWALL GIRT SIZE	Tophat 64 x 1.0
14	MAIN BLDG. SIDEWALL GIRT SPACING	0.734 m. (5 rows) (Max Allow. 0.899m)
15	TYP. ENDWALL GIRT SIZE	Tophat 64 x 1.0
16	MAIN BLDG. ENDWALL GIRT SPACING	0.829 m. (5 rows) (Max Allow. 0.899m)
17	MAIN BLDG. ENDWALL GIRT LENGTH	3.37 m. (0m 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	SHS FRAME BOLT FASTENERS	Hex 4.6 Gal M12x100
21	X-BRACING STRAP AND FASTENERS	Single Bracing Strap Per Roll Light
22	WALL COLOUR	SOUTHERLY
23	ROOF COLOUR	DOVER_WHITE
24	P.A. DOOR COLOUR	SOUTHERLY
25	DOWNPIPE COLOUR	SOUTHERLY
26	GUTTER COLOUR	DOVER_WHITE
27	CORNER FLASHING COLOUR	SOUTHERLY
28	BARGE FLASHING COLOUR	DOVER_WHITE
29	OPENING FLASHING COLOUR	SOUTHERLY
30	OPEN BAY HEADER HEIGHT	0.5

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

PURLIN AND GIRT LENGTHS

BAY	WIDTH	PURLIN LENGTH	GIRT LENGTH
1	3m	3.2 m. (0.2m Lap)	3.1 m. (0.1m Lap)
2	4m	4.35 m. (0.35m Lap)	4.1 m. (0.1m Lap)
3	4m	4.2 m. (0.2m Lap)	4.1 m. (0.1m Lap)

5  
OF  
7

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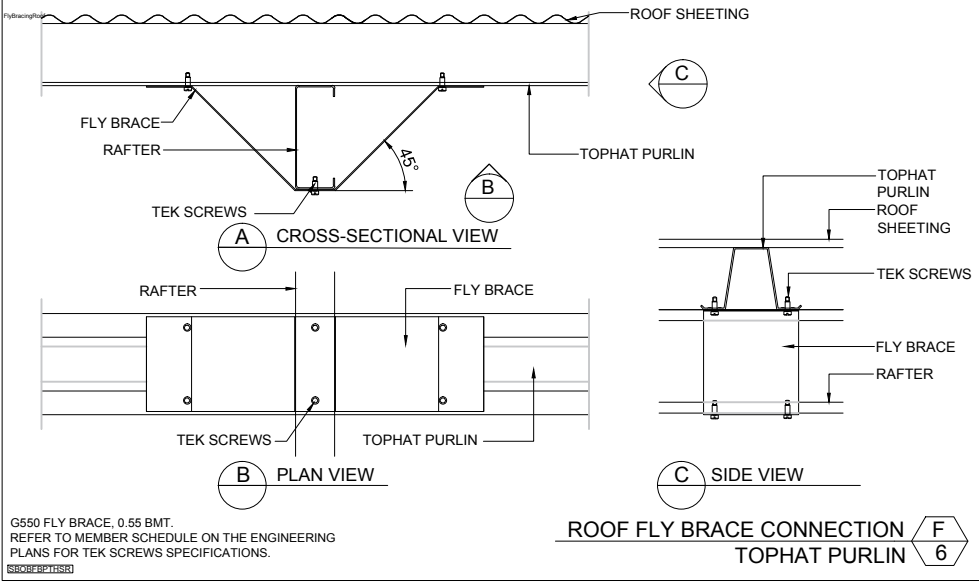
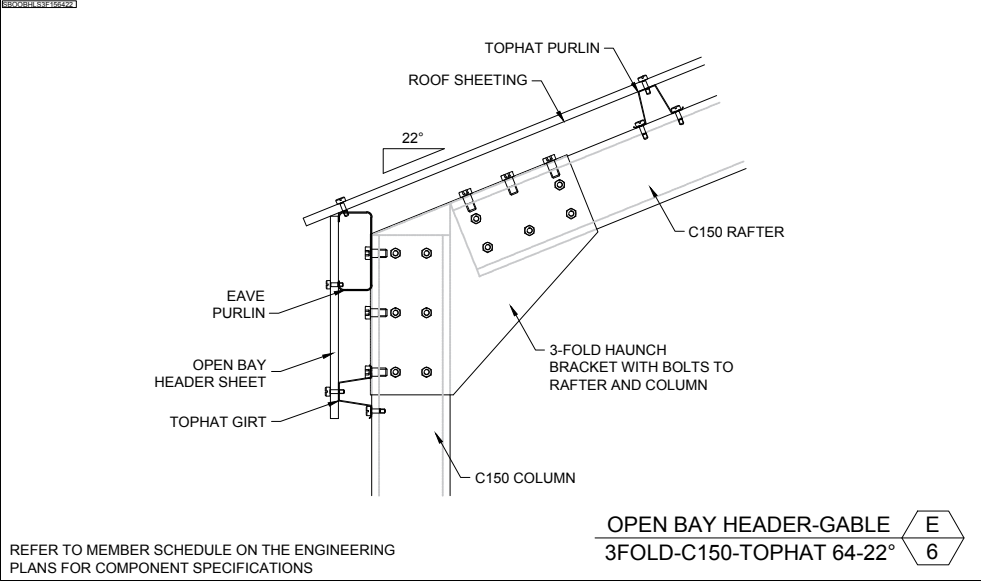
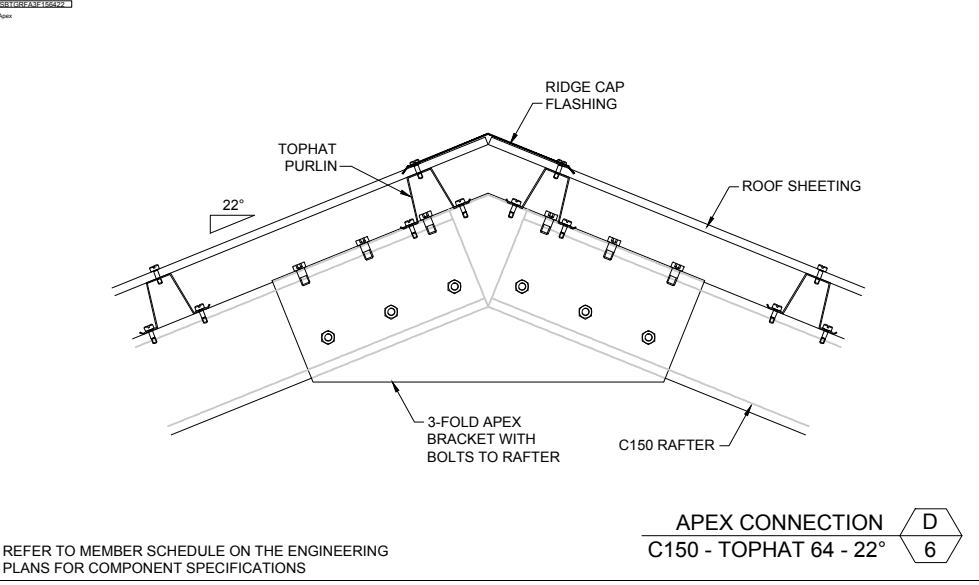
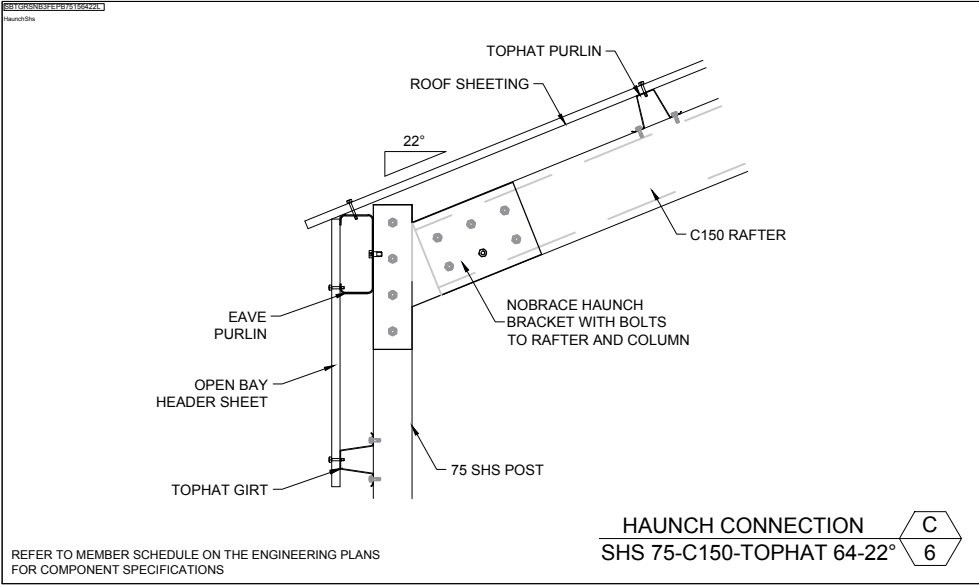
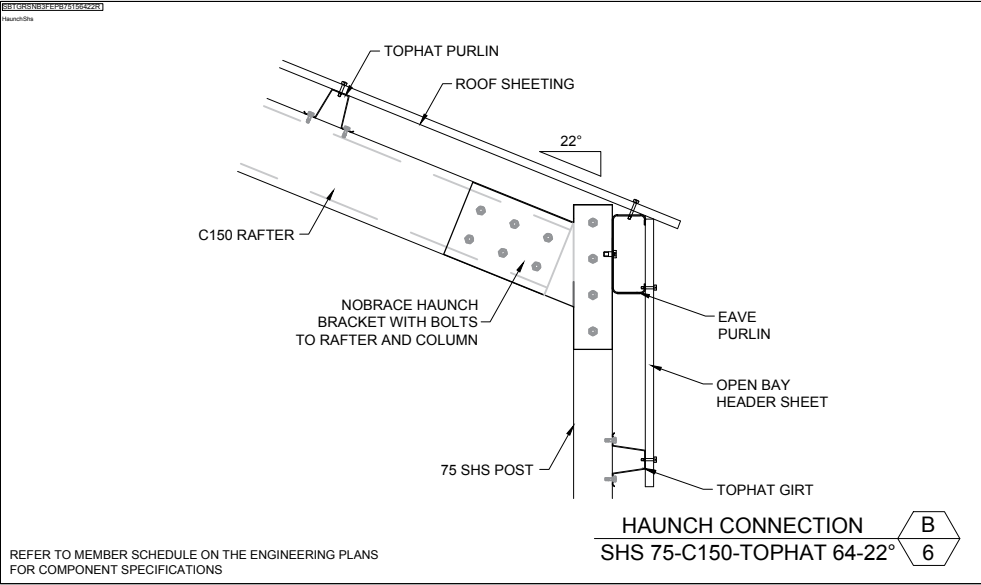
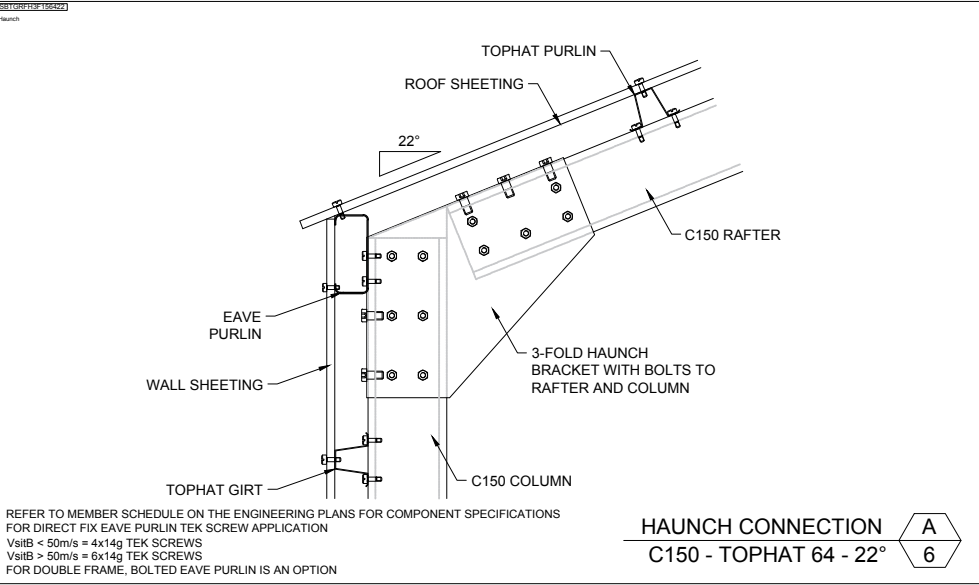
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FLY BRACING SCHEDULE		
FRAME	GIRT/PURLIN	PRODUCT
C150	TH64	FBS15064ZA0573

FLY BRACE SCHEDULE G 6

6 OF 7

SHEET

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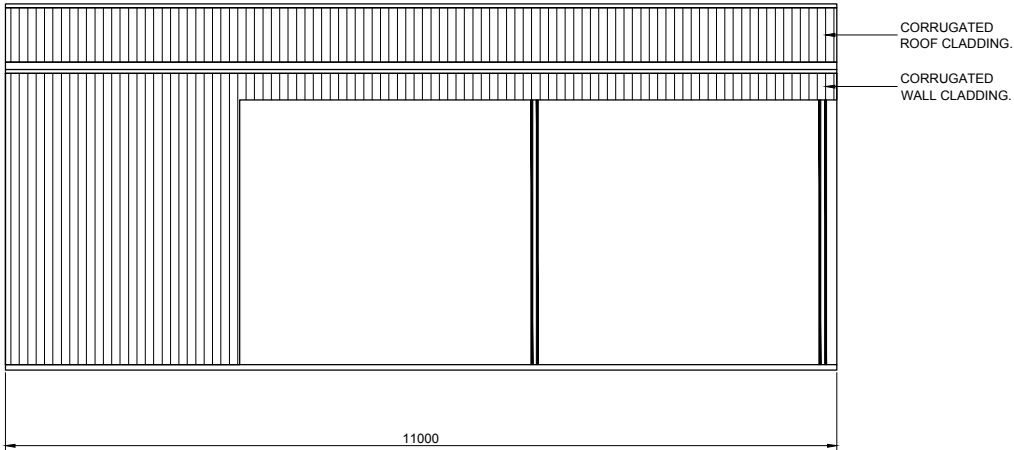
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**FAIR DINKUM BUILDS**

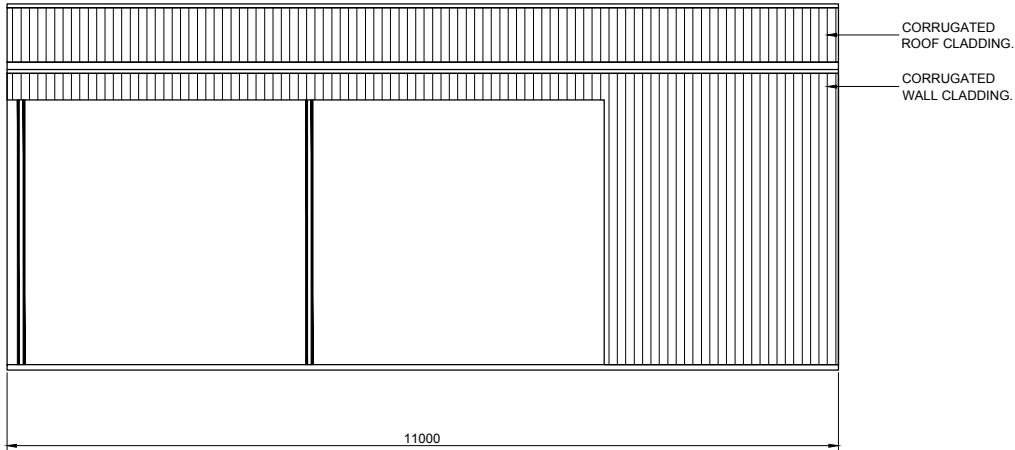
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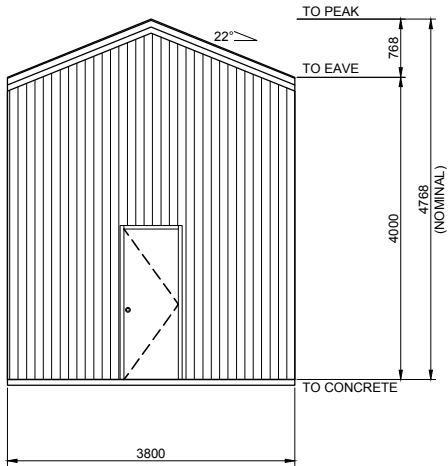
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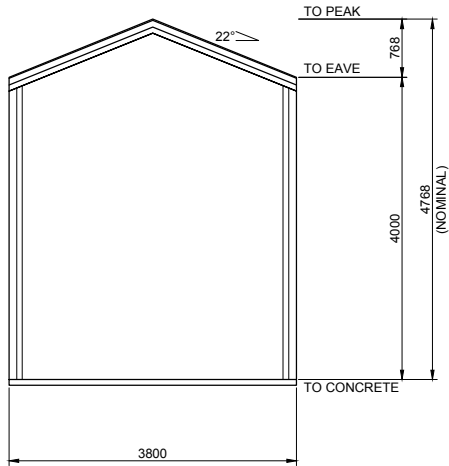
1  
7 SIDEWALL EXTERIOR ELEVATION  
SCALE: 1 = 100



2  
7 SIDEWALL EXTERIOR ELEVATION  
SCALE: 1 = 100



4  
7 ENDWALL EXTERIOR ELEVATION  
SCALE: 1 = 100



3  
7 ENDWALL EXTERIOR ELEVATION  
SCALE: 1 = 100

BUILDING COLOURS

WALL	SOUTHERLY
ROOF	DOVER WHITE
P.A. DOOR	SOUTHERLY
DOWNPIPE	SOUTHERLY
GUTTER	DOVER WHITE
CORNER FLASHING	SOUTHERLY
BARGE FLASHING	DOVER WHITE
OPENING FLASHING	SOUTHERLY

7  
OF  
7

SHEET

JOB NO.  
FDYA130213

DATE  
5/5/2025

CHECKED  
TM

DRAWN  
FDB

STEEL BUILDING BY  
(CONTACT)  
**FAIR DINKUM BUILDS YASS**  
02 6226 4377  
**WALSH (MATT)**  
27 CAMP STREET  
MURRUMBATEMAN

**SHED SAFE**  
accrredit

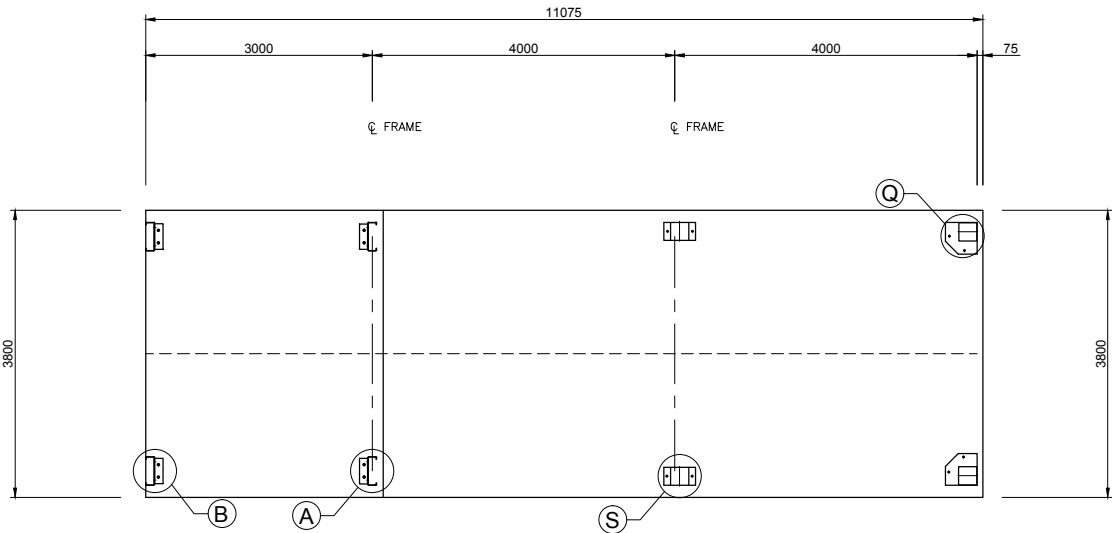
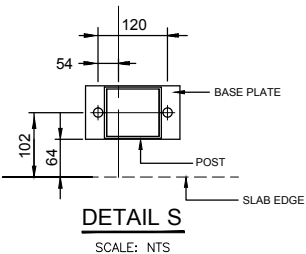
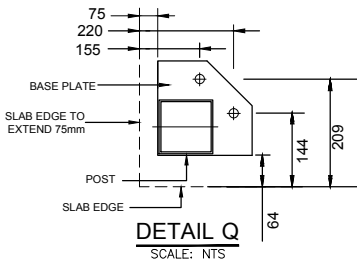
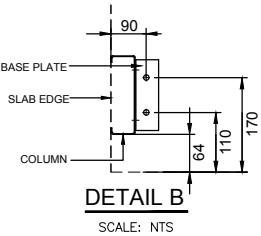
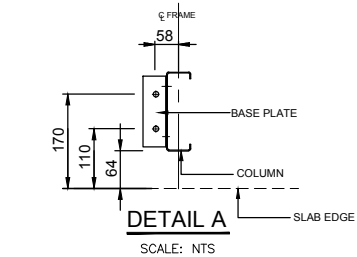
**FAIR DINKUM BUILDS**

**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  
Regn. No. 2558980  
Regn. No. 9985  
Regn. No. 116373ES  
Regn. No. PE0002216  
Regn. No. CC5648M  
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 5/5/2025  
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

NOT PART OF COUNCIL APPLICATION DOCUMENTATION

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.

JOB NO. FDYA130213	DATE 5/5/2025	CHECKED TM	DRAWN FDB	STEEL BUILDING BY	FAIR DINKUM BUILDS YASS 02 6226 4377 WALSH (MATT) 27 CAMP STREET MURRUMBATEMAN			BOLT LAYOUT PLAN
				FOR				
				AT				

# COMPLIANCE CERTIFICATE FOR BUILDING DESIGN

<b>Property Description</b> Street address (include number, street, suburb/locality & postcode)	27 CAMP STREET MURRUMBATEMAN Postcode : 2582																													
<b>Description of Component/s Certified</b> Clearly describe the extent of work covered by this certificate.	Steel Portal Frame Structure. 3.8m span x 11m O/A length x 4m eaves height. Consisting of 3 bays at 3m, 4m, 4m spacings.																													
<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.	<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 <math>V_R</math> = 45 m/s</td><td></td></tr><tr><td>Wind directional multipliers for the 8 cardinal directions <math>M_d</math> = 1.00</td><td></td></tr><tr><td>Terrain/Height multiplier (<math>M_z</math>, Cat) = 0.86</td><td>Shielding Multiplier <math>M_s</math> = 1</td></tr><tr><td>Topographic multiplier <math>M_t</math> = 1</td><td>Design Wind Speed = 38 m/s</td></tr><tr><td>Ext. Pressure Coefficient <math>c_{pe}</math> = -0.65, 0.70</td><td>Int. Pressure Coefficient <math>c_{pi}</math> = -0.3, 0.05</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) = 0.86	Shielding Multiplier $M_s$ = 1	Topographic multiplier $M_t$ = 1	Design Wind Speed = 38 m/s	Ext. Pressure Coefficient $c_{pe}$ = -0.65, 0.70	Int. Pressure Coefficient $c_{pi}$ = -0.3, 0.05									
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<b>Reference Documentation</b> 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: FDYA130213 DATED : 5/5/2025</div> <div>Specifications:</div> <div>Computations:</div> <div>Test Reports:</div> <div>Other Documentation:</div>																													
<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><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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<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.	<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: 5/5/2025</div>																													
LOCAL GOVERNMENT USE ONLY																														
Date received		Reference Number/s																												