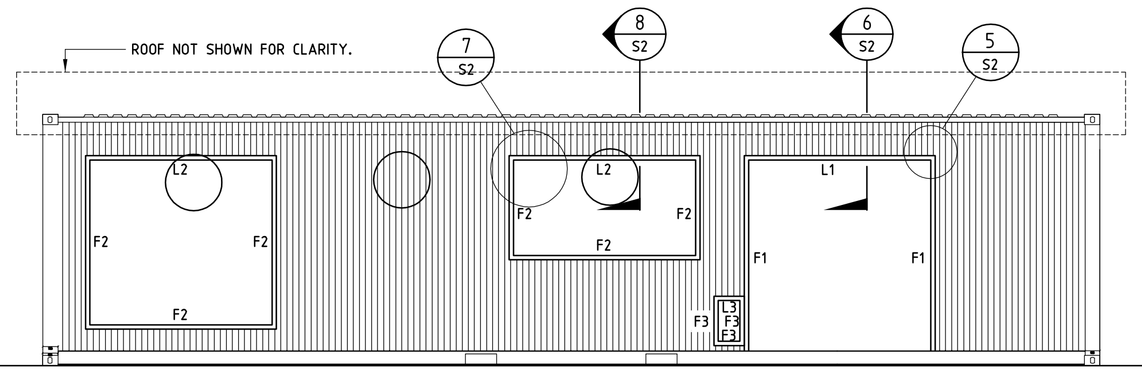
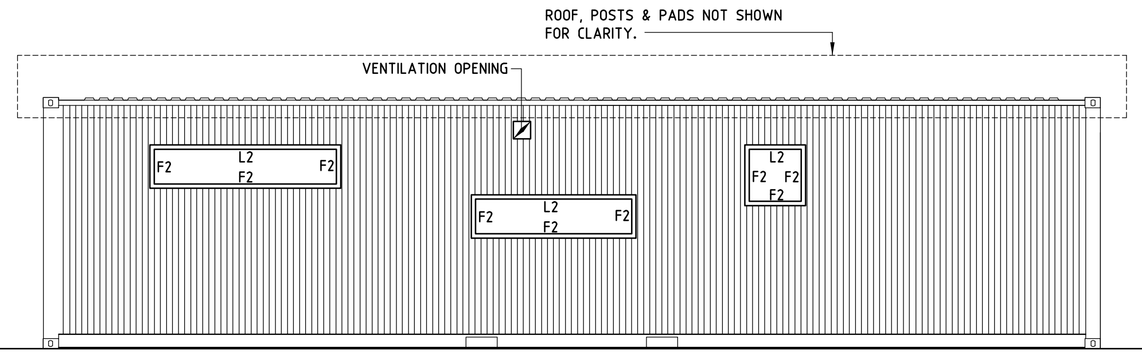


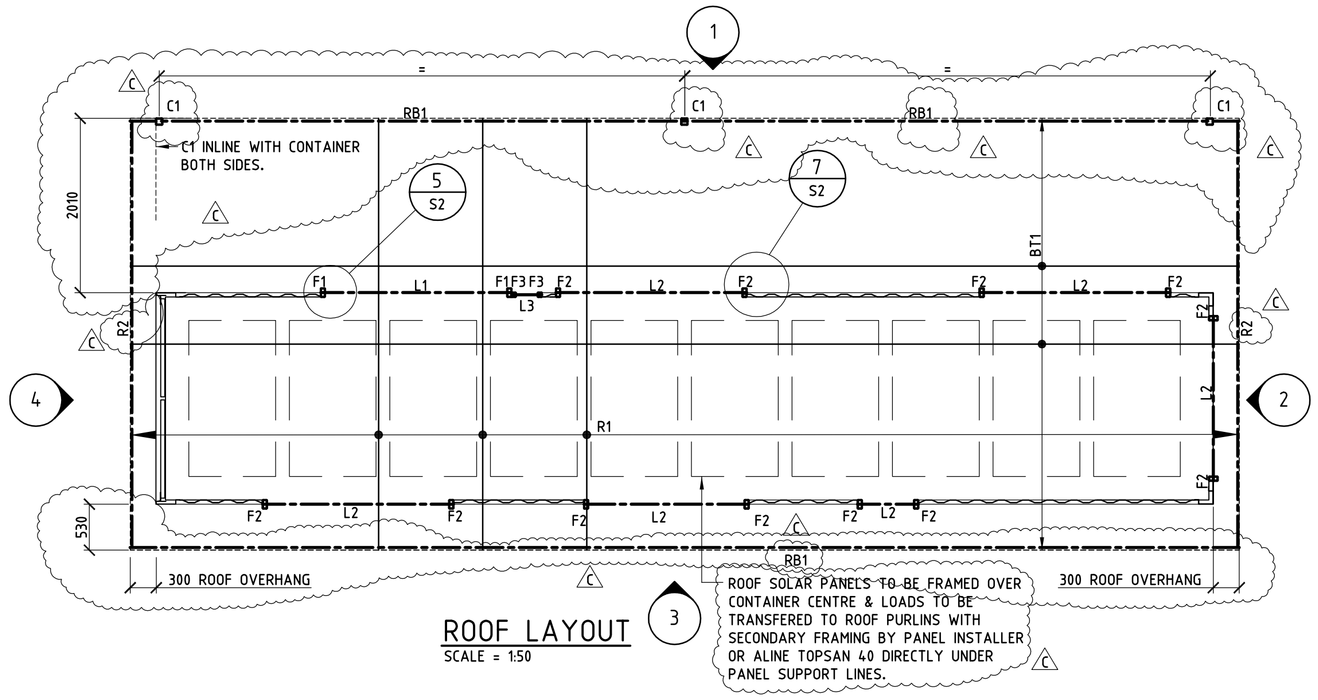
ELEVATION 1

SCALE = 1:50

1. ROOF, POSTS & PADS NOT SHOWN FOR CLARITY.

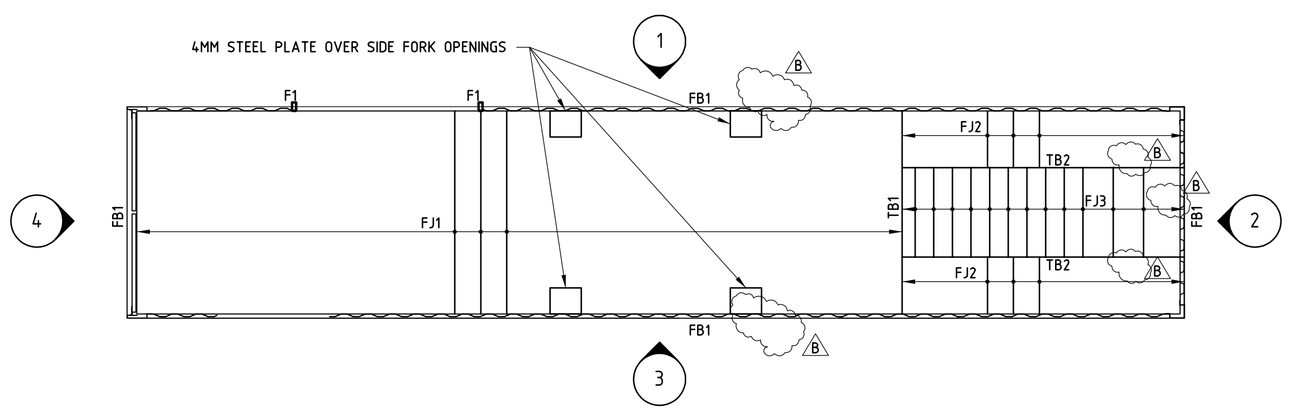


ELEVATION 3



ROOF LAYOUT

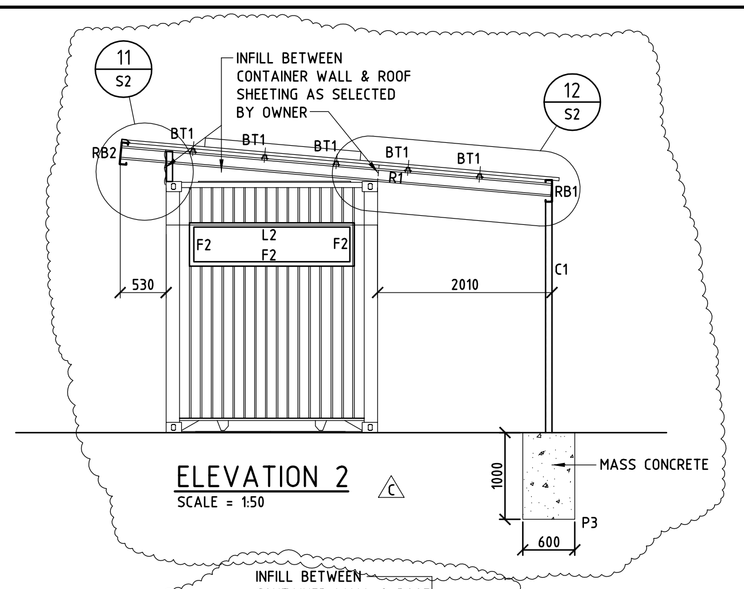
SCALE = 1:50



FLOOR LAYOUT

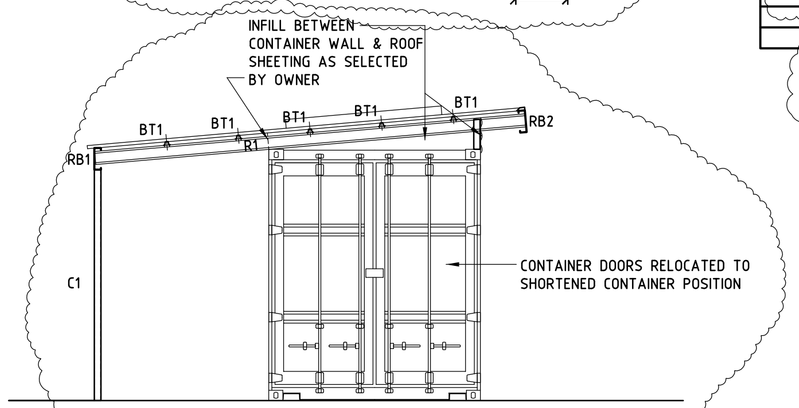
SCALE = 1:50

ALL CONTAINER STEEL WORK WELDED TOGETHER IN ALL LOCATIONS 6 C.F.W.



ELEVATION 2

SCALE = 1:50



ELEVATION 4

SCALE = 1:50

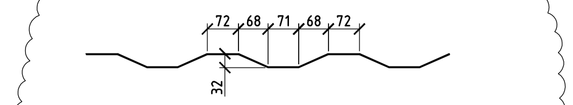
PAD P3 SHOWN FOR CLARITY.

MEMBER SCHEDULE

MARK	DESCRIPTION	NOTES
L1	60 x 60 x 3.0 S.H.S TOP & 100 x 50 x 3.0 R.H.S. BOT	ORIENTED HORIZONTALLY
L2	60 x 60 x 3.0 S.H.S TOP & 100 x 50 x 3.0 R.H.S. BOT	ORIENTED HORIZONTALLY
L3	60 x 60 x 3.0 S.H.S TOP & 50 x 50 x 3.0 R.H.S. BOT	
F1	100 x 50 x 3.0 R.H.S.	PERPENDICULAR TO WALL
F2	100 x 50 x 3.0 R.H.S.	PERPENDICULAR TO WALL
F3	50 x 50 x 3.0 R.H.S.	
FB1	CRANKED "C" SECTION ⌐ 155 x 85 AS DETAILED	
FJ1	120 x 45 x 4.0 C CHANNEL	300 CRS WITH 25MM PLYWOOD FLOORING
FJ2	118 x 45 x 4.0 C CHANNEL	300 CRS MAX. WITH 25MM PLYWOOD FLOORING
FJ3	118 x 45 x 4.0 C CHANNEL	370 CRS MAX. WITH STEEL PLATE FIXED OVER
TB1	100 x 150 x 4 R.H.S.	
TB2	100 x 150 x 4 R.H.S.	4MM PLATE FLOORING OVER
R1	C15012 PURLINS @ 1200 CRS. MAX.	
R2	C25019 PURLINS @ ENDS OF ROOF	
RB1	C25019 PURLINS	
RB2	C25019 PURLINS	
C1	75 x 75 x 3.5 S.H.S.	

NOTES

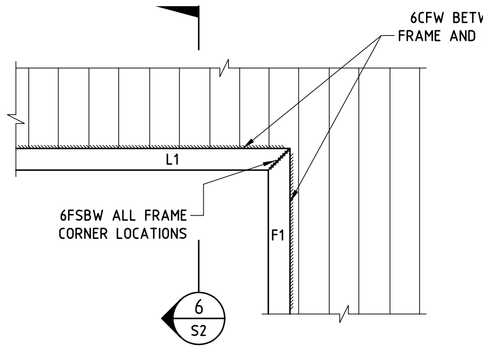
1. ALL STEELWORK FULLY WELDED TOGETHER THROUGHOUT UNLESS NOTED OTHERWISE
2. 60 x 60 x 3.0 S.H.S, FB1, FJ1, FJ2, FJ3, TB1 & TB2 ARE EXISTING MEMBERS OF THE CONTAINER



TYPICAL SHEETING PROFILE

SCALE = 1:10

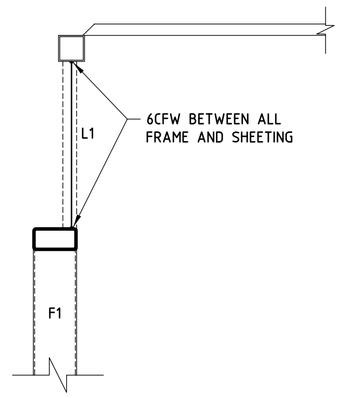
NOTE:
2MM SHEETING THICKNESS ALL LOCATIONS



DETAIL 5 S1

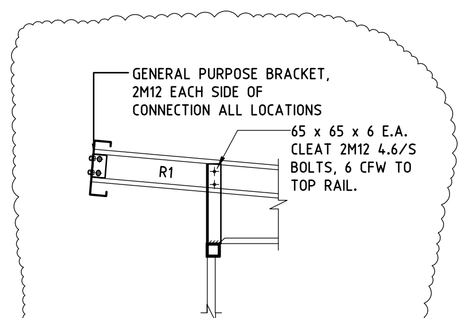
SCALE = 1:10

NOTE:
TYPICAL FRAME CONNECTION ALL LOCATIONS



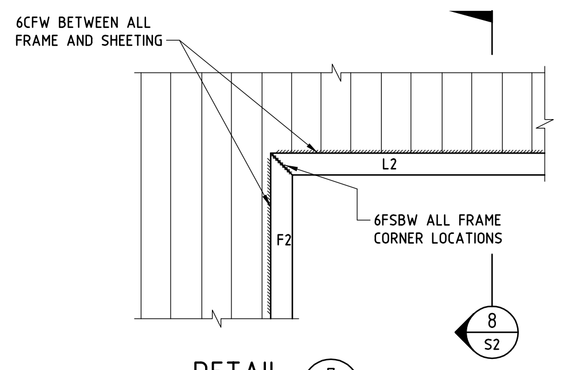
SECTION 6 S2

SCALE = 1:10



DETAIL 11 S2

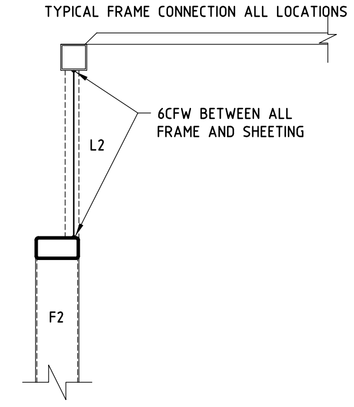
SCALE = 1:20



DETAIL 7 S1

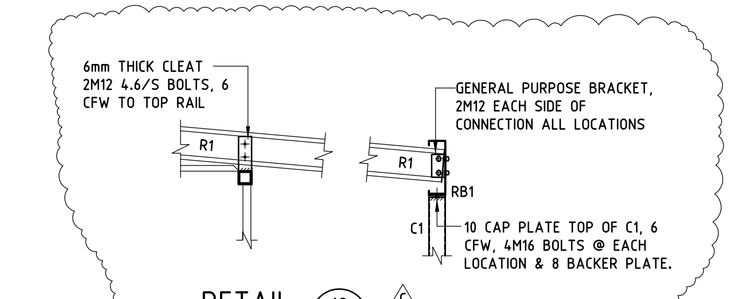
SCALE = 1:10

NOTE:
TYPICAL FRAME CONNECTION ALL LOCATIONS



SECTION 8 S2

SCALE = 1:10



DETAIL 12 S2

SCALE = 1:20

NOTES:

GENERAL

G1. These drawings shall be read in conjunction with all Architectural and other Consultant's drawings and specifications and with such other written instructions as may be issued during the course of the contract. Any discrepancy shall be referred to the Engineer or Architect before proceeding with the work.

G2. All dimensions are to be obtained from the Architect's drawings or from site. Engineer's drawings must not be scaled.

G3. During construction the Contractor shall be responsible for maintaining the structure in a stable condition and ensuring no part shall be overstressed under construction activities.

G4. Material and workmanship are to be in accordance with the relevant current SAA codes except where varied by the project specification.

G5. The approval of a substitution by the Engineer is not an authorization for an extra. Any extra involved must be taken up with the Architect before work commences.

G6. The structural work shown on these drawings has been designed for the following live loads:-

AREA	LIVE LOAD
RESIDENCE	3.0 KN/m²

G7. Foundation material to be approved before pouring concrete for a safe bearing capacity of 175 KPa

STRUCTURAL STEELWORK

S1. All workmanship and materials shall be in accordance with AS 4100.

S2. Welding shall be performed by an experienced operator in accordance with AS CA8.

S3. High Strength Bolting shall be in accordance with AS 1511.

S4. Two copies of the shop detail drawings are to be submitted to the Engineers and approval of same obtained before commencing fabrication. Approval will not cover dimensions or layout.

S5. The Contractor shall provide and leave in place until permanent bracing elements are constructed such temporary bracing as is necessary to stabilise the structure during erection.

S6. Camber to structural steel roof beams, trusses, portals, etc., to be 2mm for every 1m of span unless otherwise noted.

S7. All cleats and drillings for fixing of timber members, etc., to be provided by fabricator.

S8. Except where otherwise shown connections shall have 6mm continuous fillet welds, 2-M16 Black Bolts in 1.5mm clearance holes and 10mm thick cleat plates.

S9. Concrete encased steelwork shall be wrapped with fabric, unless otherwise shown.

S10. Steelwork shall be thoroughly wire brushed and given one shop coat of approved primer except that none shall be applied at contact surfaces where H.S. bolts are used.

CONCRETE

C1. All workmanship and materials shall be in accordance with AS 3600.

C2. Concrete cover to all reinforcement (finishes not included)

ELEMENT	FORMED & SHELTERED	FORMED & EXPOSED	NO FORM WORK
Slabs & walls	20mm	30mm	65mm
Beams	25mm	40mm	65mm
Columns	40mm	50mm	75mm
Footings		65mm	75mm

C3. Concrete sizes shown do not include finish and must not be reduced or holed in any way without the Engineer's approval.

C4. Depths of beams are given first and include slab thickness.

C5. Construction joints where not shown shall be properly formed and located to the approval of the Engineer.

C6. Reinforcement is shown diagrammatically and not necessarily in true projection

C7. Splices in reinforcement shall be made only in positions shown. Welding of reinforcement will not be permitted unless shown on the structural drawings.

C8. Reinforcement symbols:-
- S Structural gr
- C Cold worked deformed bar to AS 1302
- R Structural grade plain round bar to AS 1302
- F Hard drawn steel wire reinforcing fabric to AS 1304

The number following the bar symbol is the nominal bar diameter in millimeters.

C9. Camber to beams and slabs shall be 2mm for every 1 m of span unless otherwise noted.

C10. All concrete shall be grade 25

C11. All reinforcement shall be supported in its correct position so as not to be displaced during concreting on approved bar chairs at 1 m. maximum centres both ways. Where required provide support bars S 16 at 1 m. maximum centres.

C12. Concrete to be kept free of supporting brickwork by two layers of a suitable membrane (malthoid, etc.) or as directed by the Engineer. Vertical faces of concrete to be kept free by a 12mm. thickness of bituminous canelte.

C13. Where walls are non-load bearing at either horizontal or vertical faces they shall be separated from concrete or brickwork by 12mm thick canelte.

C14. All reinforcement for any one pour shall be completely placed and tied prior to inspection by the Engineer or Architect. No concrete shall be poured until reinforcement has been inspected and approved.

C15. Where slabs and beams are to support brickworkover, formwork and props must be removed before commencement of brickwork.

BRICKWORK

B1. All load bearing bricks shall have a min. compressive strength of 40 MPa

B2. The mortar mix for brickwork shall be 1:1:6

B3. For non load bearing walls see note C13.

INSPECTIONS

All structural work must be inspected & approved in writting prior to any work proceeding. 24 hour min. notice is required for all inspections.

PROJECT

PROPOSED CONTAINER RESIDENCE

FOR

ANTHONY & KAREN MYATT

LOCATION

LOT 4 SP209636, ANNIE ST MOUNT PERRY, QLD 4671

ISSUE	DATE	DESCRIPTION
C	1-02-2024	ADDITION OF ROOF COVER, POSTS & PADS.
B	4-09-2023	MINOR DRAWING CHANGES.

SCALE	A1 SHEET	DATE	AUG. 2023
DRAWN	A.T	CHECKED	D.Tambasco
DRAWING No.	S202332	SHEET	2C
		OF	2

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