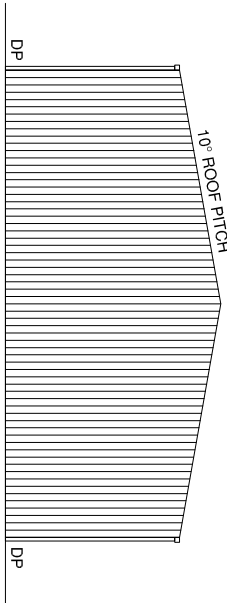
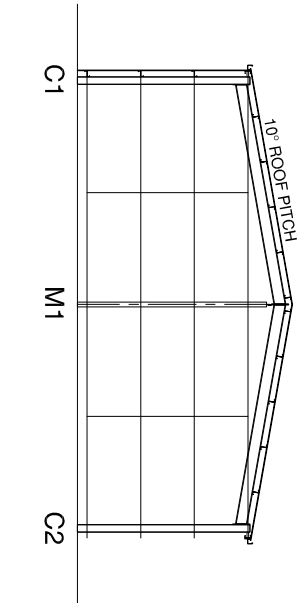


ELEVATION B

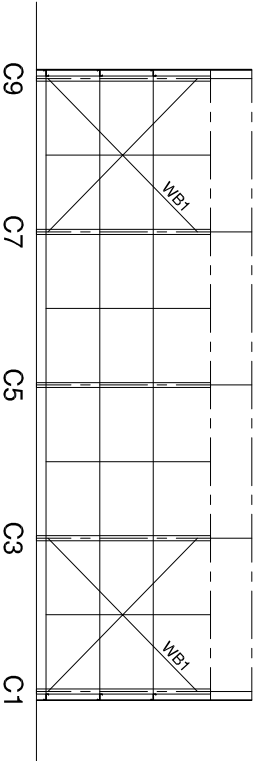


ELEVATION C

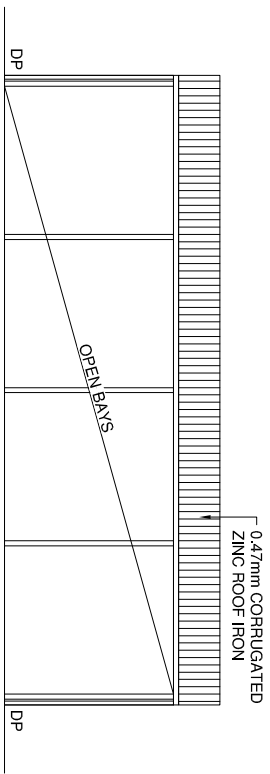
COLUMN SCHEDULE		
MARK	SIZE	FLYBRACED /STIFFENED
C1 - C10	200 UB 25	N/A
M1 - M2	200 UB 22	N/A



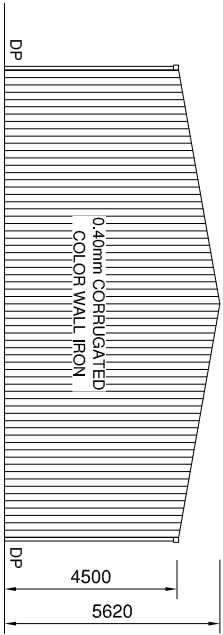
ELEVATION C



ELEVATION B



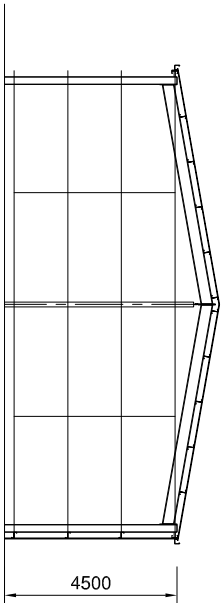
ELEVATION A



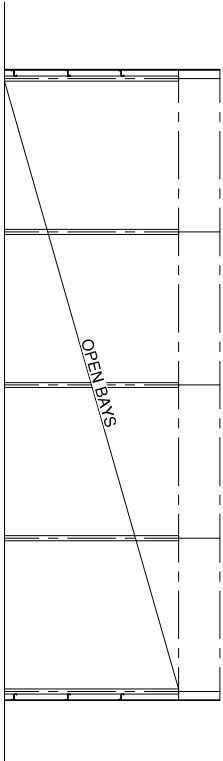
ELEVATION D

BRACING SCHEDULE		
MARK	SIZE	
RB1	1/12 Ø MS ROD	
WB1	1/12 Ø MS ROD	

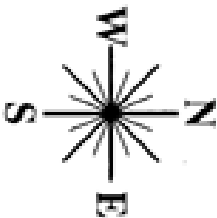
FOOTING SCHEDULE		
MARK	SIZE	DEPTH
F1	600 Ø or SQ.	1200 MIN.
F2	600 Ø or SQ.	600 MIN.



ELEVATION D

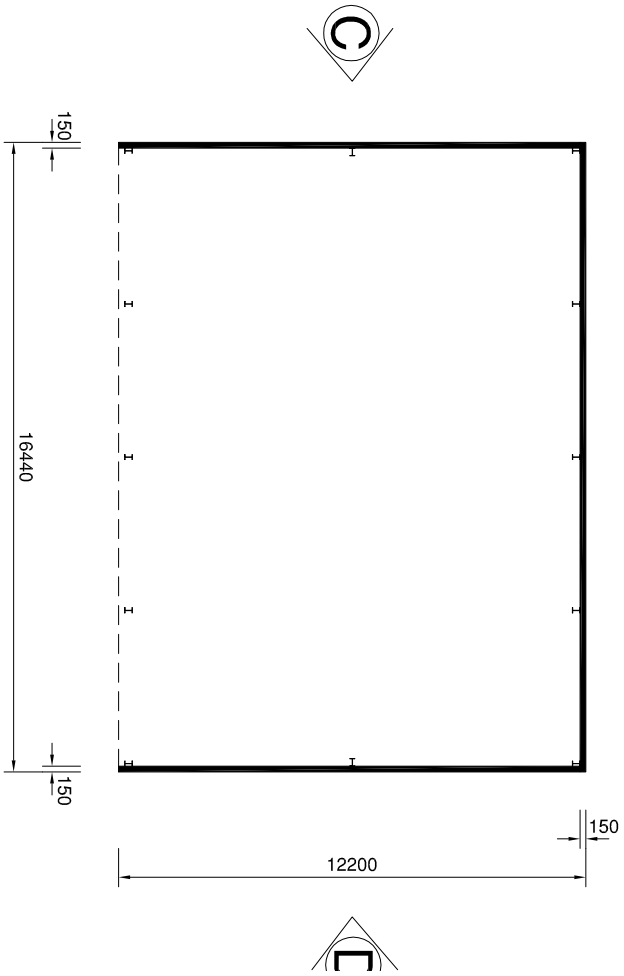


ELEVATION A

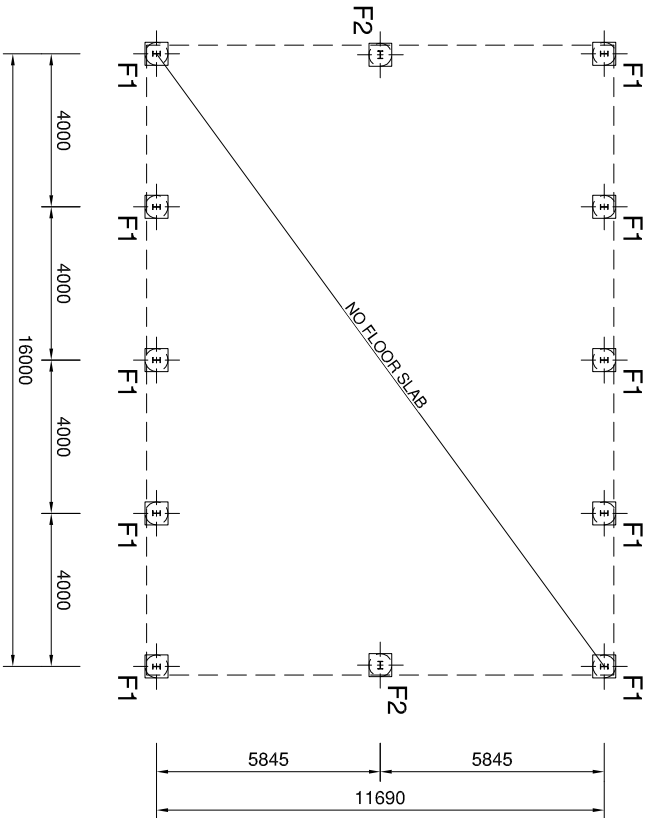


Central Darling Shire Council  
Approved by Council 26 July 2021

General Manager



FLOOR PLAN



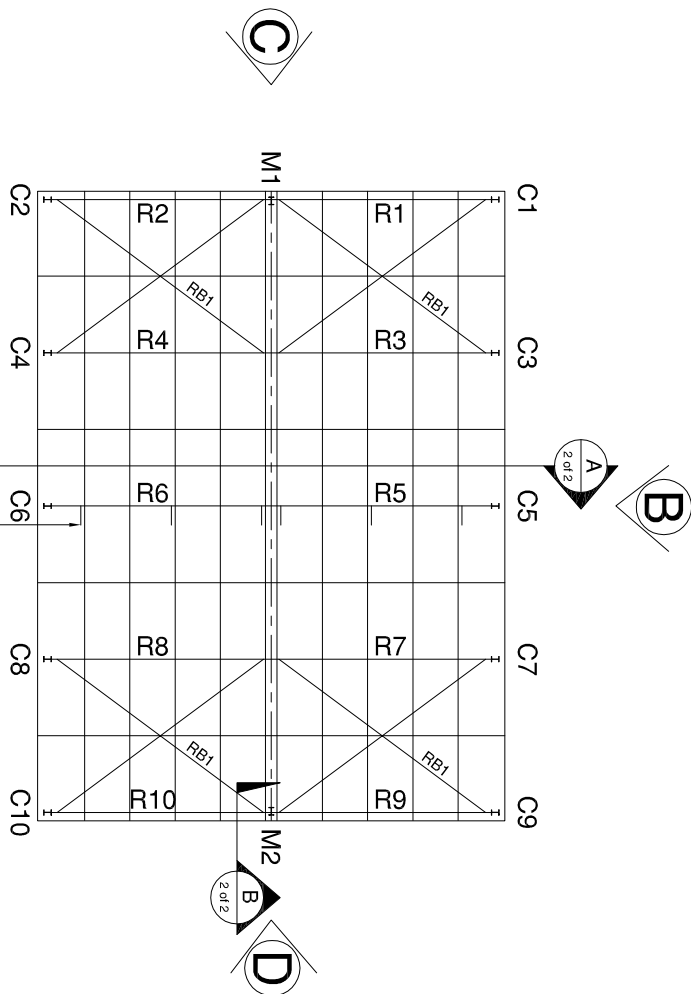
FOOTING PLAN

FOOTING NOTE:  
FOOTINGS TO BE FOUNDED A MINIMUM OF 200mm INTO NATURAL UNDISTURBED SOIL, WITH EXACT MEASUREMENTS & DIMENSIONS. DO NOT USE THIS DRAWING

FOOTINGS ADJACENT AN EXISTING EASEMENT TO BE FOUNDED 300mm MIN. BELOW THE ANGLE OF REPOSE OF EXISTING SERVICE LINE. THE FOOTING DEPTH EXISTING BY THE ADJACENT PROPERTY MUST BE MAINTAINED IN PART, WITHOUT WRITTEN PERMISSION.

50°/50/2.5 GR40 ANGLE  
FLYBRACE TYPICAL  
TO ALL TRUSSES

ROOF PLAN



PROJECT

DRAWING TITLE

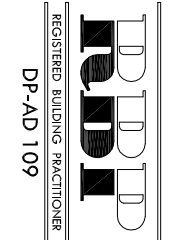
PROPOSED SHED  
FOR: WARDLE BUILDERS  
AT: LOT 1 BEHRING STREET,  
IVANHOE, NSW.

LAYOUT.

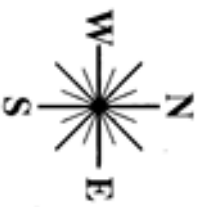


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DRAWN	R. COVERDALE	DWG. No.	I/086/21
DATE	6/04/2021		
SCALE	1:200(A2)		
CHECKED	G.FORD	Sheet	1 of 2

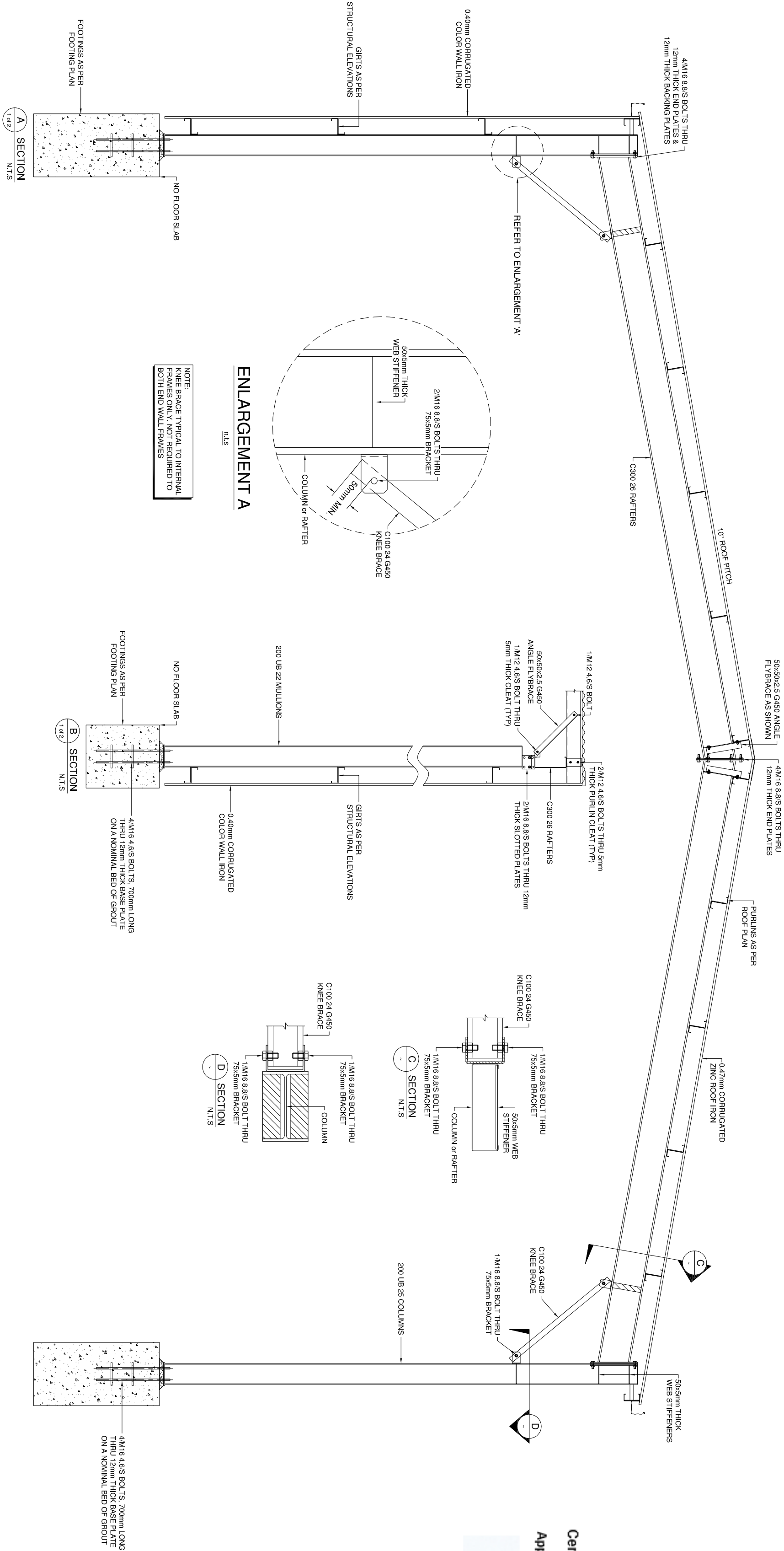


Central Darling Shire Council

Approved by Council 24 July 2021



General Manager



FOOTING NOTES:

- F1. The footing design denoted upon these plans is suitable for sites with a soil reactivity classification of A, S, or M class only (i.e. not H, P or higher). It is highly recommended that a suitably qualified geotechnical engineer is engaged to test and confirm the site suitability prior to construction.
- F2. Retain experienced / authorised personnel to inspect the footings to confirm adequacy prior to placement of reinforcing and concrete.
- F3. All earthworks are to be carried out in accordance with AS3798:2007. All top soil must be replaced to the original level.
- F4. Stormwater run-off must be directed away from the footings. Gradients, large trees, sloping or excavated sites must be prevented from reaching footings by the construction of cut off drains.
- F5. All drainage trenches must be constructed a minimum of 1200mm from the outside edge of all footings and be constructed in accordance with the manufacturer's instructions on reactive soil sites to install moisture barriers between plumbing trenches and footings/slabs to stop excessive moisture change.
- F6. The builder is to confirm the depths and locations of all the services prior to construction of setting out and are to be bound to but with the footings noted upon this plan, this office is to be notified immediately for advice/direction.
- F7. If the proposed structure detailed upon these plans is found to undermine or otherwise affect the stability of any existing structures, the builder is to contact this office immediately for advice/direction.

GENERAL NOTES:

- G1. All work and materials shall be in accordance with the drawings, the specification, and current relevant Australian Standards, the building code of Australia, and other statutory requirements.
- G2. These drawings shall be read in conjunction with the architectural and other consultants' drawings, the specification and all other written instructions that are issued during the course of the works.
- G3. The builder shall confirm all relevant dimensions before commencing construction/erection.
- G4. All discrepancies shall be referred to the architect/engineer for clarification before proceeding. Notify the architect/engineer of all variations arising from the clarification of the discrepancy before proceeding with the works.
- G5. Refer to architectural drawings for dimensions not noted on the engineering drawings.
- G6. Manufacturers specifications means a current approved specification for use under conditions applicable.
- G7. Do not scale drawings.
- G8. All dimensions are in millimetres or metres unless noted otherwise.
- G9. No substitutions shall be made without the written approval of the engineer.
- G10. The builder shall maintain the works in a safe, stable condition and ensure that no part is ever stressed during construction.
- G11. The Builder to ensure all underground services, pipes and cables to be located prior to excavation. Call Dial Before You Dig on 1100 or go to [www.1100.com.au](http://www.1100.com.au).
- G12. Moisture or Moisture Retaining materials should not be permitted to remain in intimate contact with metal roof & wall sheeting. Such contact will ultimately result in perforation (rust) of the material.
- G13. Trees should not be planted or allowed to exist, closer than 75% of their mature height to the building. If any trees are to be retained and the new building is to be built within the distance equivalent to 75% of the mature height of the trees, an approved root barrier must be installed or the building must be designed or redesigned to be built over the existing root barrier.
- G14. This structure has not been designed with the allowable deflection limits for plaster / gypsum clad finish walls. Articulation joints at column locations to be used to prevent excessive deflection under wind loads however some damage to linings may occur as a result of these deformations.

CONCRETE:

- C1. All workmanship and materials shall be in accordance with AS 3600 current editions with amendments, except where varied by the contract documents.
- C2. Concrete shall have a characteristic compressive strength as follows:
- | Element:                | Strength F <sub>ck</sub> : |
|-------------------------|----------------------------|
| Concrete Frame          | 25 Mpa                     |
| Slab on Ground External | NA                         |
| Concrete Cover:         |                            |
| Footings                | 50mm                       |
| Slab on Ground Internal | 30mm                       |
| Slab on Ground External | 40mm                       |
- C3. Cover to reinforcement shall be obtained by the use of approved bar chairs. All bar chairs to be spaced at 1000c/m maximum. Cover shall not be less than the size of the aggregate or the main bars.
- C4. Sizes of concrete elements do not include thickness of applied finish.
- C5. Provide 0.2mm polythene moisture barrier throughout, under entire slab on ground.
- C6. No holes, chases or embedment of pipes other than those shown on the structural drawings shall be made in concrete members without the approval of the engineer.
- C7. Construction joints shall be properly formed and located only where shown or specifically approved by the Engineer.
- C8. Reinforcement is represented diagrammatically, it is not necessarily shown in true proportion.

STRUCTURAL STEELWORK:

- S1. All workmanship and materials shall be in accordance with AS 4100.
- S2. Unless noted otherwise all steel shall be in accordance with: AS 3678 and AS 3679 Grade 300 for rolled sections AS 1163 Grade 350 for square hollow sections AS 1074 Grade 450 for circular hollow sections AS 1397 Grade 450 for cold formed light gauge sections
- S3. The Contractor shall provide temporary bracing as necessary to stabilize the structure during erection and leave in place until permanent bracing elements are constructed.
- S4. Welding shall be in accordance with AS 1554 and be performed by an experienced operator.
- S5. Welds shall be 6mm continuous fillet unless noted otherwise. Butt welds are to be complete penetration butt welds as defined in AS 1554. E48XX electrodes shall be used.
- S6. Refer to structural drawings for pultr and girt sizes and spacings. Pultr and girt shall be installed in accordance with the manufacturer's instructions. Use washers under bolt head and nut. Pultr bolts to be: M12 4.6S for sections up to 250mm deep M16 4.6S for sections over 250mm deep
- S7. Refer to structural drawings for pultr and girt sizes and spacings. Pultr and girt shall be installed in accordance with the manufacturer's instructions. Use washers under bolt head and nut. Pultr bolts to be: M12 4.6S for sections up to 250mm deep M16 4.6S for sections over 250mm deep
- S8. Pultr cleats shall be 5mm thick, with 6mm c/w, unless otherwise noted.
- S9. Bolt type and procedure is as follows: 4.6S Refer to commercial bolts of strength grade 4.6 conforming to AS 1111 and tightened using a standard wrench to a snug 8.8S Refer to high strength bolts of strength grade 8.8 conforming to AS 1252 and tightened using a standard wrench to a snug tight condition. 8.8RT Refer to high strength bolts of strength grade 8.8 conforming to AS 1252 and tightened in a controlled manner to the required stress of AS 4100.
- S10. All Structural steelwork below ground to be encased by concrete 75mm min. all round.
- S11. Concrete encased structural steel to be encased by 50mm mesh placed 25mm clear of steelwork. Encasing to provide 50mm min. cover. 75mm min. cover where exposed to earth. All steelwork to be given one shop coat of approved paint unless otherwise noted.

PROJECT

PROPOSED SHED  
FOR: WARBLE BUILDERS  
AT: LOT 1 BEHRING STREET,  
IVANHOE, NSW.

DRAWING TITLE

STRUCTURAL DETAILS.



[Pvt] PTY. LTD. - ACN 055 703 038 - ABN 47 276 240 970

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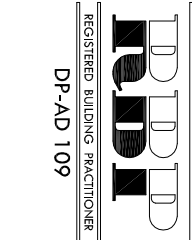
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HIA MEMBERSHIP  
527937



REGISTERED BUILDING PRACTITIONER  
DP-AD 109

DRAWN	R. COVERDALE	DWG. No.	I/086/21
DATE	6/04/2021		
SCALE	N.T.S		
CHECKED	G.FORD		