GENERAL NOTES:
These documents show the general arrangement of the building and include some items not supplied by Steelx Pty Ltd. Refer to the quotation provided by Steelx Pty Ltd. for nomination of all items to be provided by Steelx Pty Ltd. All items not nominated therein shall be supplied and installed by others.
These Plans are provided to assist with erection of your steel building. All Plans are not to Scale.
Any person constructing the building needs to be competent in general construction processes. You will require a licence to construct the building (consult your state building authority). You should also ensure that relevant insurance has been taken out.

(A) ENGINEERING AND CONSTRUCTION

The building is fully engineered and must be built in accordance with the plans and the bill of materials (BOM) for the engineering to be valid. This includes the proper use of construction bracing, fixing of all screws and bolts.

WARNING: Construction Bracing is essential to ensure the site and building are safe during the construction process. The building is not designed to withstand erection forces, nor to stand up by itself when it is partially complete. Consequently, construction bracing is critical. DO NOT REMOVE CONSTRUCTION BRACING UNTIL THE BUILDING IS COMPLETE.

Construction plans are required to be the latest plans provided by Steelx Pty Ltd. Earlier plans may have become outdated due to engineering changes and should not be used. The plans and drawings are extensive and give all the information needed for a competent person to erect the building.

(B) DELIVERY AND COMPONENTS

The owner has been requested to check off the BOM after the building delivery. You should check that you are able to locate all materials nominated in the BOM. You should also confirm length, size and thickness, nominated in the BOM is what has been provided. Any missing items are the responsibility of the client once correct delivery has been confirmed as per terms and conditions.

(C) DESIGN CRITERIA

These standard buildings plans have been prepared to comply with the following criteria: Design Wind Classification as noted in the engineer's letter.

(D) DOCUMENTATION SUPPLIED BY STEELX PTY LTD.

All documentation provided is the intellectual property of Steelx Pty Ltd, for the exclusive use of Steelx customer nominated. No other persons is authorised to use or replicate any information or designs shown. Plans including floor plans, elevations, section and bracing elevations, structural engineer's certification for the building.

(E) ADDITIONAL DOCUMENTATION TO BE SUPPLIED BY PURCHASER/OWNER

The Purchaser/Owner is responsible for:
(i) Provision of Soils Report for the site and in the building are on which the building is to be erected
(ii) Provision of the Site Plan showing the Real Property Description of the site, levels and contours, easements, site services, site features including vegetation, proposed sewerage and stormwater drainage, proposed pad levels, extent of cut and fill, locations and orientation of the building, driveways, retaining walls etc.
(iii) Nomination of termite risk management procedures to be undertaken in compliance with NCC 2022
(iv) Compliance with specific site constraints e.g.:
- local estate covenants, building envelopes, plan of development etc.
- bushfire management requirements (NCC 2022)
- shadow diagrams etc.
(v) Energy efficiency assessment and compliance with all conditions thereof
(vi) Any additional documentation required by Local Authority for approval purchase not otherwise provided by Steelx Pty Ltd. as scheduled in class (B) above
(vii) Supply of window and doors to suit plans and frames supplied

(F) BUILDING CONSTRUCTION REQUIREMENTS

The Purchaser/Owner is to be ensured that all building construction complies with: Workplace Health and Safety requirements for the particular State or Territory NCC 2022 and all subsequent amendments and standards contained therein, including:
- All roofing and wall cladding to comply with NCC 2022
- All glazing to comply with NCC 2022
- All stairs and balustrades to comply with NCC 2022
- Stairs are provided by owner and designed by others

(G) MOISTURE MANAGEMENT

It is the responsibility of the Builder to ensure Moisture Management is provided during framed wall construction through effective use of flashings, sealants and vapour permeable membrane such as vapour permeable sarking, building wraps, vapour retarders and damp-proof course. Before installing cladding, all wall openings, penetrations, intersection, connections, window sills, head and jambs must incorporate appropriate flashing and water proofing materials. Components and their installation that are used to manage moisture in framed wall construction must, at a minimum, comply with the requirements of relevant standards, building codes and manufacturer's specification.

(H) EXTERIOR CLADDING

Selected wall cladding to have a max allowance of 15 kilograms per square metre.

(I) SMOKE DETECTORS

Smoke alarms (consumer mains power) to be installed in accordance with NCC 2022 and must comply with AS3786 and relevant state legislative requirement.

(J) TOILET ACCESS

Toilet access to be as per Livable Housing Design Standard 2022 including lift off hinges to all toilet doors.

(K) SLAB AND FOOTING

- All slab and footings have been designed to AS2870. Soil classifications covered by this design include A, S, M for all designs, raft slab designs include H1 and H2 designs.
- P, E, H1 and H2 including H1-D and H2-D are not covered by the strip footing design. Specially engineered footing designs are required for all soil types not explicitly mentioned.
- Slab and footings are designed to be formed on natural soil with a minimum bearing capacity of 100 kPa.

* Refer to 6.0 Slab and Foundation Notes for detailed information about Slab and Foundation construction

Drawings Index

Page	Drawings
1.0	General Notes
2.0	Floor Plan
3.0	Elevations
4.0	Section
5.0	Connection Details
6.0	Slab and Foundation Notes
7.0	Slab Layout
8.0	Concrete Beam Details

*Supplier and Engineered drawings supplied with construction plans only

1.0 GENERAL NOTES

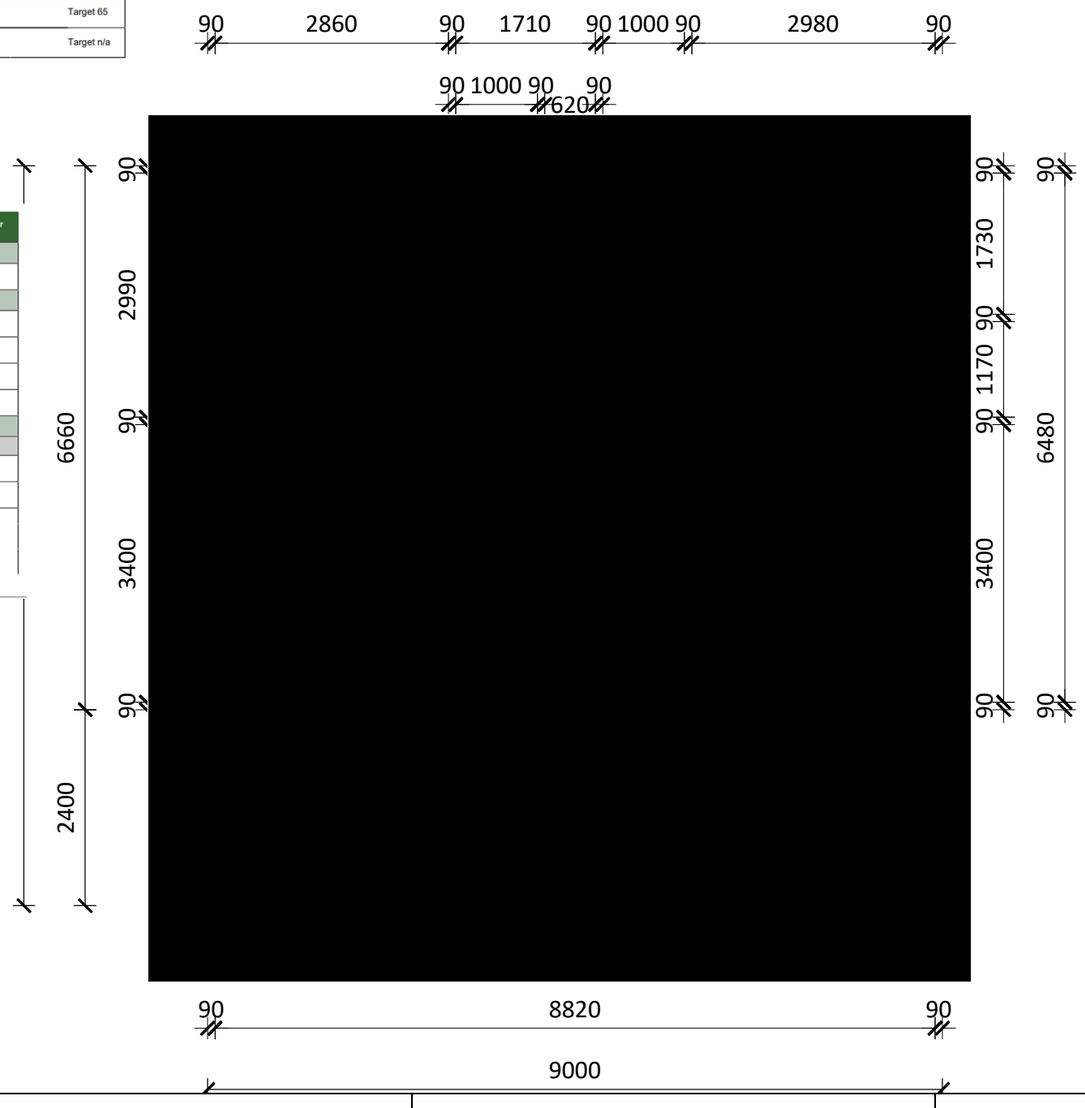
Purchaser Name: Sarah Pringle		**Engineering** **NOT FOR CONSTRUCTION** Page 1 of 12 © Copyright Steelx IP Pty Ltd	Seller: THE Shed Company Mudgee S & K Lincoln Pty Ltd Phone: (02) 6372 7755 Fax: (02) 6372 7700 Email: mudgeeadmin@theshedcompany.com.au	Apex Engineering Group PTY LTD ACN 632 588 562 MIE Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers Signatur [redacted] John Ronaldson Date: 16/10/23
Site Address: 16 Wenonah St Gulgong NSW 2852 Australia				
Drawing # TMUD234016 - 2	Print Date: 16/10/23			

Description of project

Project address	
Project name	Wenonah Street
Street address	16 WENONAH Street GULGONG 2852
Local Government Area	Mid-Western Regional Council
Plan type and plan number	Deposited Plan DP539886
Lot no.	52
Section no.	-
Project type	
Project type	dwelling house (detached) - secondary dwelling
No. of bedrooms	2
Site details	
Site area (m²)	1025
Roof area (m²)	82
Conditioned floor area (m²)	58.14
Unconditioned floor area (m²)	21.6
Total area of garden and lawn (m²)	500
Roof area of the existing dwelling (m²)	140
Number of bedrooms in the existing dwelling	3

Assessor details and thermal loads		
Assessor number	n/a	
Certificate number	n/a	
Climate zone	n/a	
Area adjusted cooling load (MJ/m².year)	n/a	
Area adjusted heating load (MJ/m².year)	n/a	
Project score		
Water	✔ 63	Target 30
Thermal Performance	✔ Pass	Target Pass
Energy	✔ 76	Target 65
Materials	✔ 9	Target n/a

FLOOR AREA	59.94 sqm
VERANDAH	21.60 sqm
TOTAL	81.54 sqm



Water Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Landscape			
The applicant must plant indigenous or low water use species of vegetation throughout 100 square metres of the site.	✔	✔	
Fixtures			
The applicant must install showerheads with a minimum rating of 4 star (> 4.5 but <= 6 L/min plus spray force and/or coverage tests) in all showers in the development.		✔	✔
The applicant must install a toilet flushing system with a minimum rating of 6 star in each toilet in the development.		✔	✔
The applicant must install taps with a minimum rating of 6 star in the kitchen in the development.		✔	
The applicant must install basin taps with a minimum rating of 6 star in each bathroom in the development.		✔	
Alternative water			
Rainwater tank			
The applicant must install a rainwater tank of at least 40000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.	✔	✔	✔
The applicant must configure the rainwater tank to collect rain runoff from at least 231 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam).		✔	✔
The applicant must connect the rainwater tank to: • all toilets in the development		✔	✔
• the cold water tap that supplies each clothes washer in the development		✔	✔

Thermal Performance and Materials commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Do-it-yourself Method			
General features			
The dwelling must be a Class 1 dwelling according to the National Construction Code, and must not have more than 2 storeys.	✔	✔	✔
The conditioned floor area of the dwelling must not exceed 300 square metres.	✔	✔	✔
The dwelling must not contain open mezzanine area exceeding 25 square metres.	✔	✔	✔
The dwelling must not contain third level habitable attic room.	✔	✔	✔
Floor, walls and ceiling/roof			
The applicant must construct the floor(s), walls, and ceiling/roof of the dwelling in accordance with the specifications listed in the table below.	✔	✔	✔
The applicant must adopt one of the options listed in the tables below to address thermal bridging in metal framed floor(s), walls and ceiling/roof of the dwelling.	✔	✔	✔
The applicant must show through receipts that the materials purchased for construction are consistent with the specifications listed in the tables below.			✔

Construction	Area - m²	Additional insulation required	Options to address thermal bridging	Other specifications
floor - concrete slab on ground, conventional slab.	81	nil;not specified	nil	
external wall: framed (metal clad); frame: light steel frame.	21.6	3.00 (or 3.50 including construction) with one of the measures to address thermal bridging;fibreglass batts or roll + reflective foil in the cavity	• Install reflective foil outside the frame to create a minimum 20 mm reflective airspace between frame and veneer, or • Install continuous insulation layer with at least R0.3 on the inside or outside of the frame	wall colour: Medium (solar absorptance 0.48-0.7)

2.0 FLOOR PLAN

NOTE: Amenities and Furnishing shown are illustrative only

Purchaser Name: Sarah Pringle

Site Address: 16 Wenonah St Gulgong NSW 2852 Australia

Drawing # TMUD234016 - 2

Print Date: 16/10/23

Engineering
NOT FOR CONSTRUCTION

Seller: THE Shed Company Mudgee
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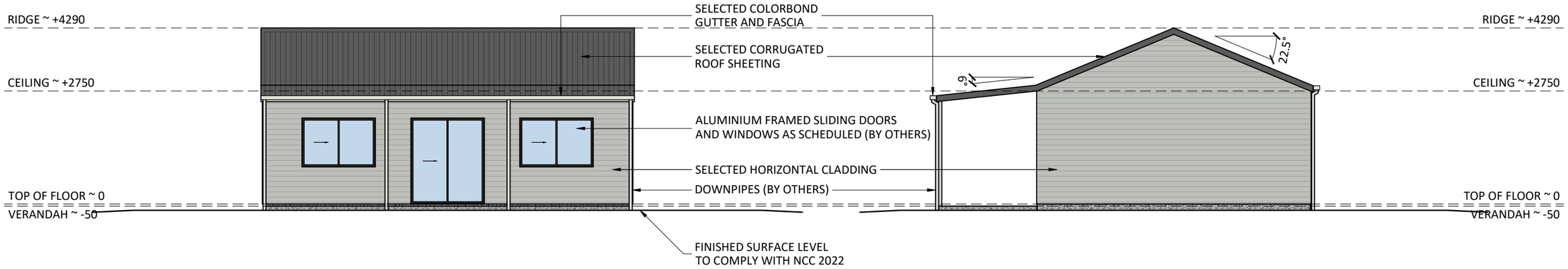
Fax: (02) 6372 7700
Email: mudgeeadmin@theshedcompany.com.au

Apex Engineering Group PTY LTD
ACN 632 588 562
MIE Aust. (Registered NER Structural) 5276680
QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES;
Practising Professional Structural & Civil Engineers

Signature: [redacted]

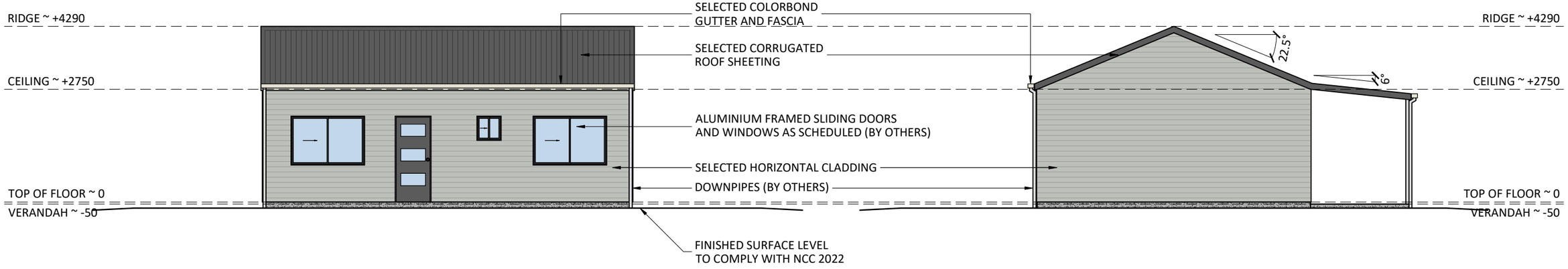
John Ronaldson

Date: 16/10/23



ELEVATION 1

ELEVATION 2

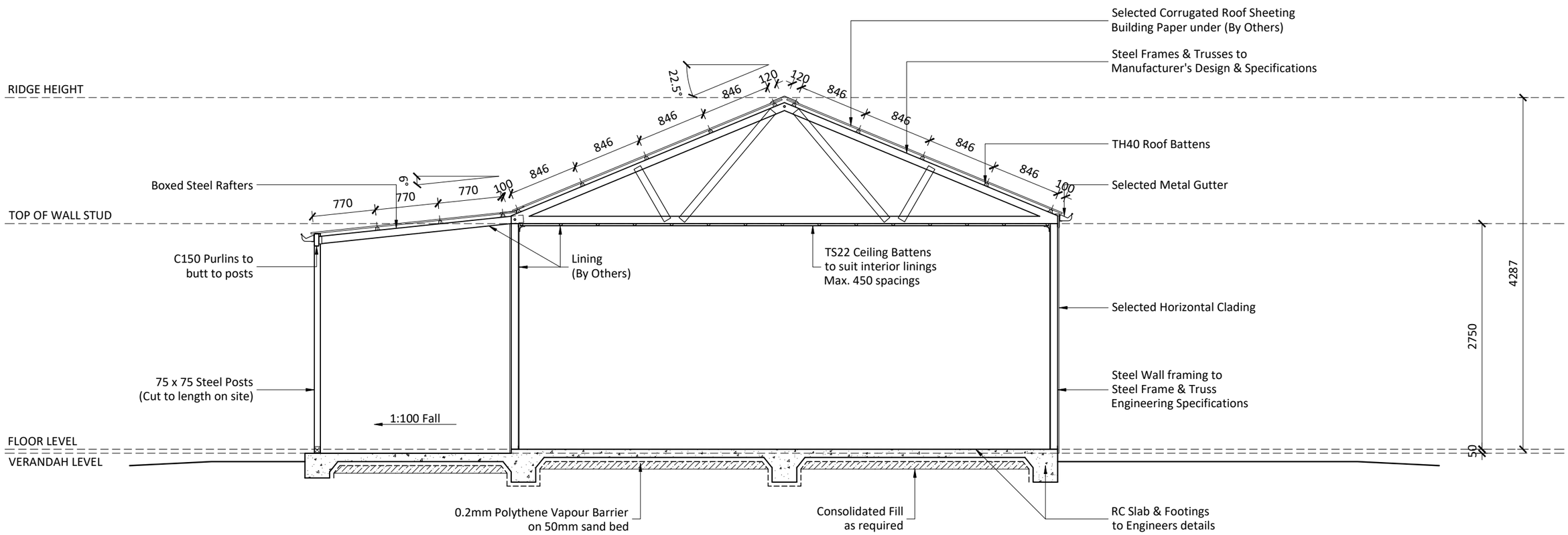


ELEVATION 3

ELEVATION 4

3.0 ELEVATIONS

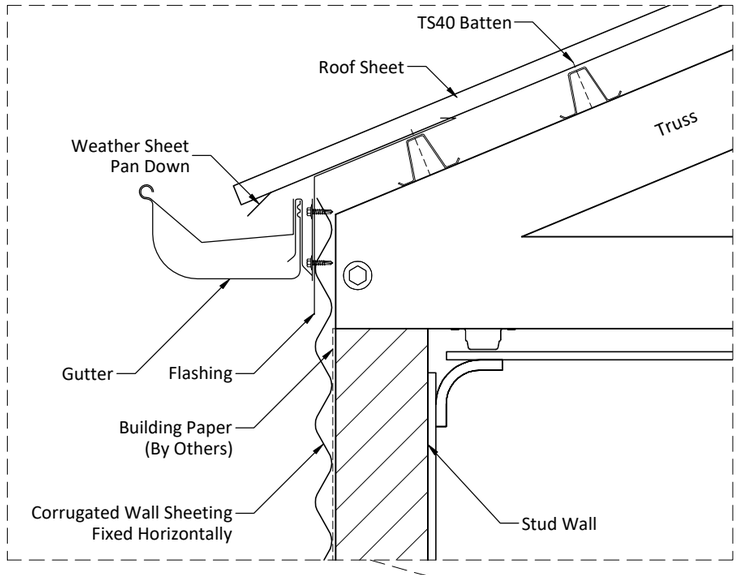
Purchaser Name: Sarah Pringle		**Engineering** **NOT FOR CONSTRUCTION** Page 3 of 12 © Copyright Steelx IP Pty Ltd	Seller: THE Shed Company Mudgee S & K Lincoln Pty Ltd Phone: (02) 6372 7755 Fax: (02) 6372 7700 Email: mudgeeadmin@theshedcompany.com.au	Apex Engineering Group PTY LTD ACN 632 588 562 MIE Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers Signatur [redacted] John Ronaldson Date: 16/10/23
Site Address: 16 Wenonah St Gulgong NSW 2852 Australia				
Drawing # TMUD234016 - 2	Print Date: 16/10/23			

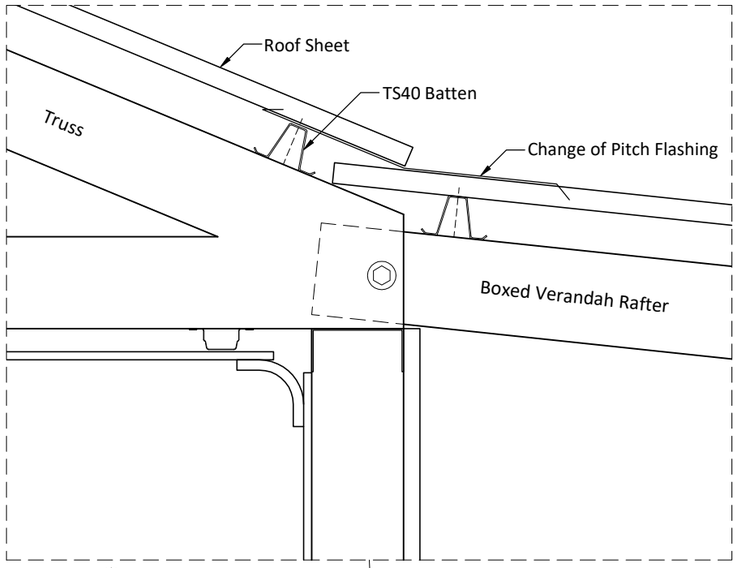


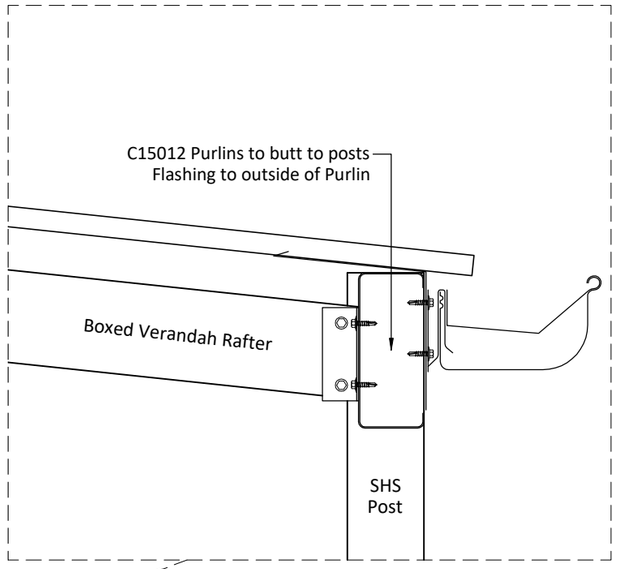
4.0 SECTION

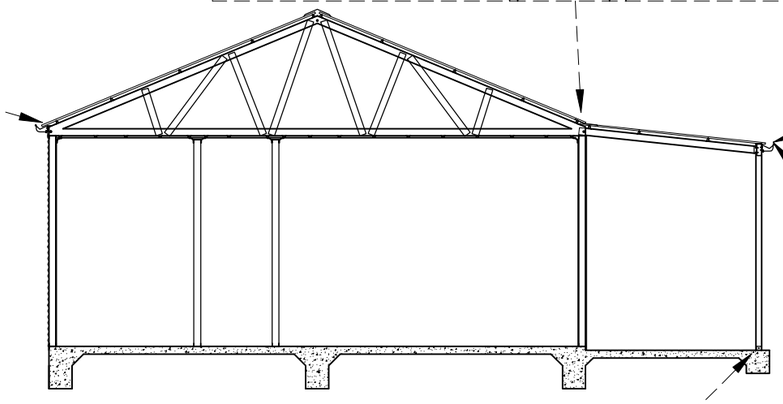
NOTE: Section shown may not reflect actual Truss and Web pattern on site

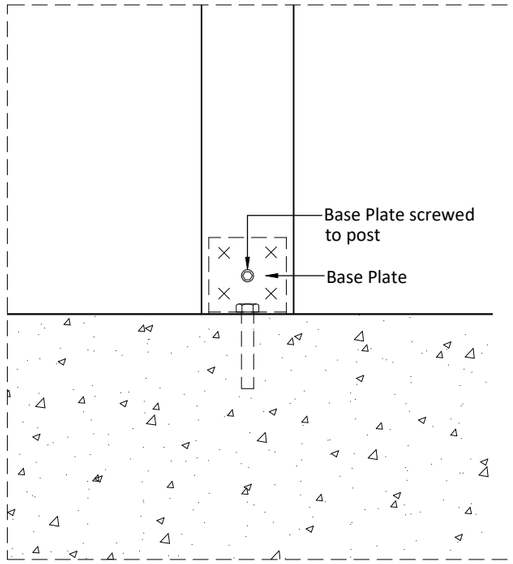
Purchaser Name: Sarah Pringle		**Engineering** **NOT FOR CONSTRUCTION** Page 4 of 12 	Seller: THE Shed Company Mudgee S & K Lincoln Pty Ltd Phone: (02) 6372 7755 Fax: (02) 6372 7700 Email: mudgeeadmin@theshedcompany.com.au	Apex Engineering Group PTY LTD ACN 632 588 562 MIE Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers Signature: [redacted] John Ronaldson Date: 16/10/23
Site Address: 16 Wenonah St Gulgong NSW 2852 Australia				
Drawing # TMUD234016 - 2	Print Date: 16/10/23			

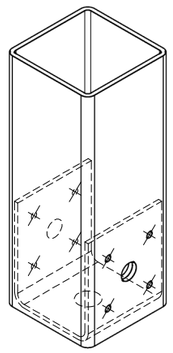




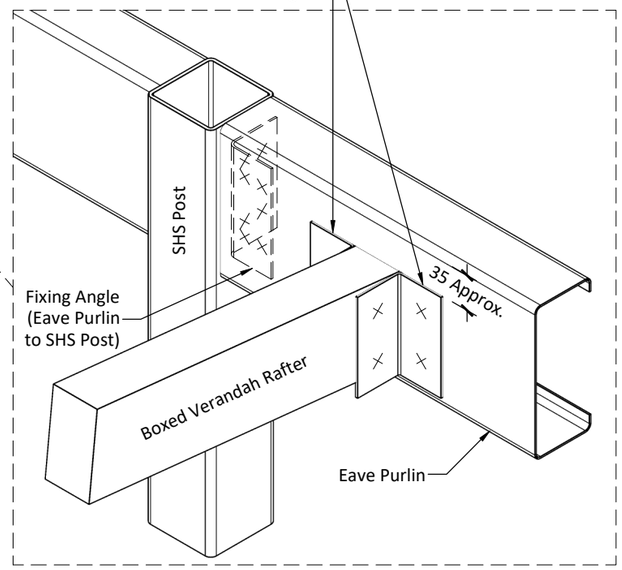








VERANDAH COLUMN
1 Plate per Column
Fixings per Plate:
4 of 12.24 x 38 Series 500
Tek screws each side
1 of M16 Truebolt/Plate



NOTES: All overlapping flashings must be Siliconed as per the ridge cap fixing detail.

5.0 CONNECTION DETAILS

Purchaser Name: Sarah Pringle			
Site Address: 16 Wenonah St Gulgong NSW 2852 Australia			
Drawing # TMUD234016 - 2	Print Date: 16/10/23	**Engineering** **NOT FOR CONSTRUCTION** Page 5 of 12 	Seller: THE Shed Company Mudgee S & K Lincoln Pty Ltd Phone: (02) 6372 7755 Fax: (02) 6372 7700 Email: mudgeeadmin@theshedcompany.com.au

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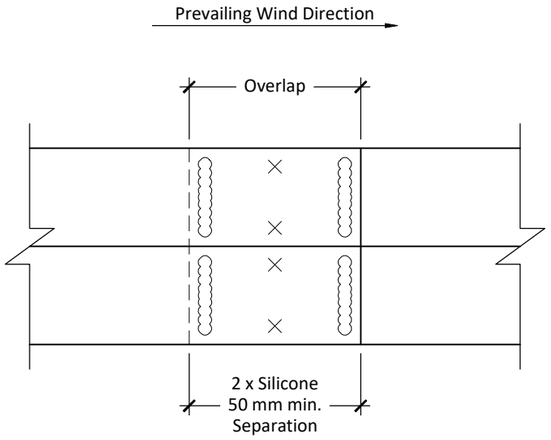
Practising Professional Structural & Civil Engineers

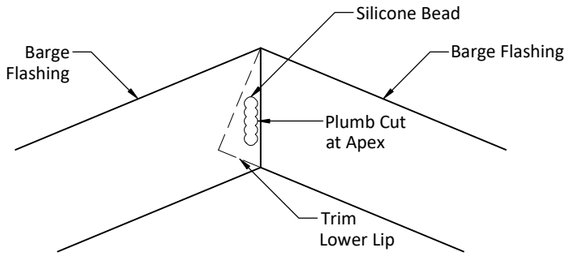
Signature: [redacted]

John Ronaldson

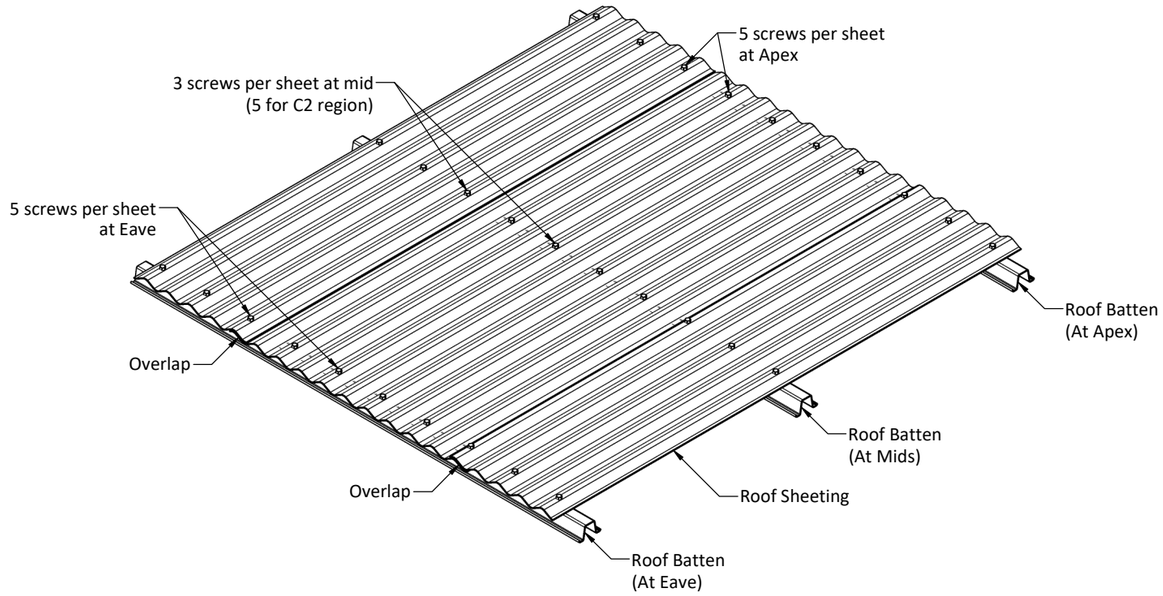
Date: 16/10/23

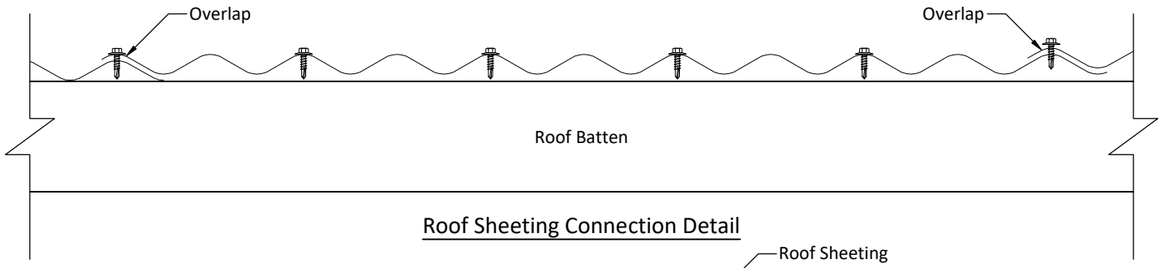


Ridge Cap Detail

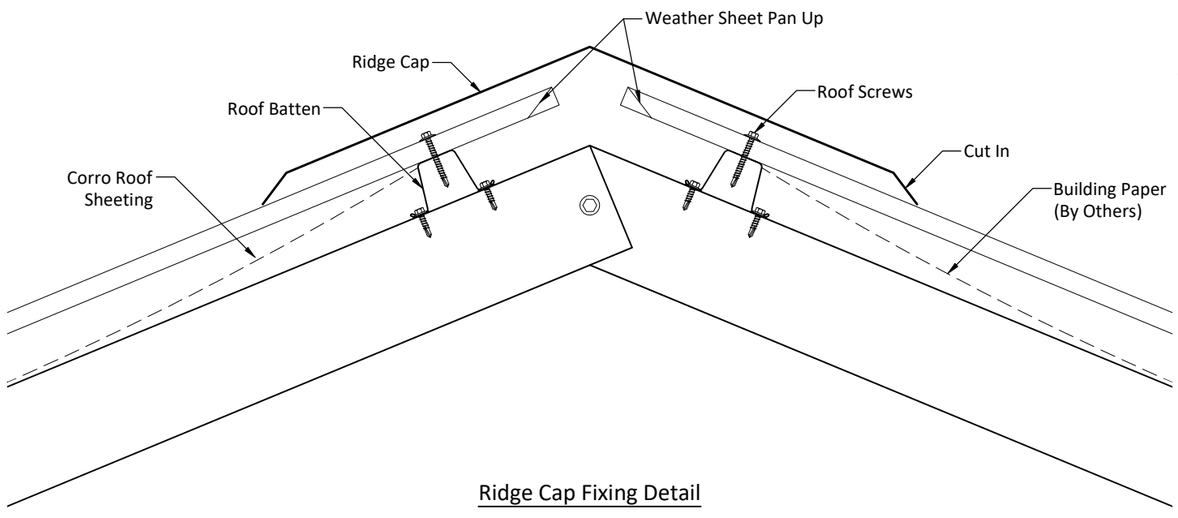


Barge Cap Detail

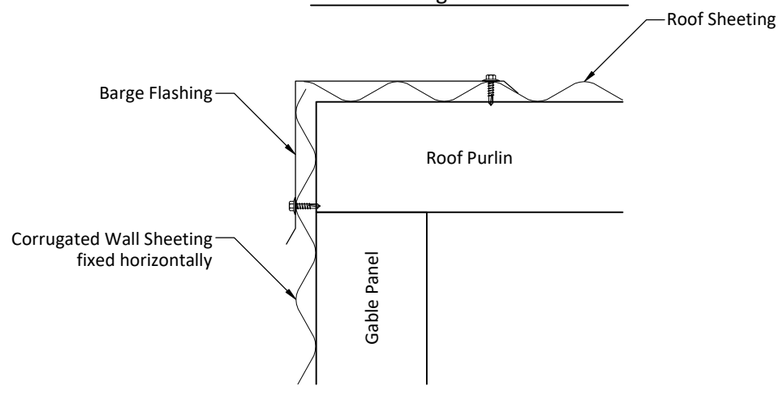




Roof Sheeting Connection Detail



Ridge Cap Fixing Detail



Barge Cap Fixing Detail

NOTES:
All overlapping flashings must be Siliconed as per the ridge cap fixing detail.

5.1 ROOF SHEETING AND FLASHING

Purchaser Name: Sarah Pringle		**Engineering** **NOT FOR CONSTRUCTION** Page 6 of 12 	Seller: THE Shed Company Mudgee S & K Lincoln Pty Ltd Phone: (02) 6372 7755 Fax: (02) 6372 7700 Email: mudgeeadmin@theshedcompany.com.au
Site Address: 16 Wenonah St Gulgong NSW 2852 Australia			
Drawing # TMUD234016 - 2	Print Date: 16/10/23		

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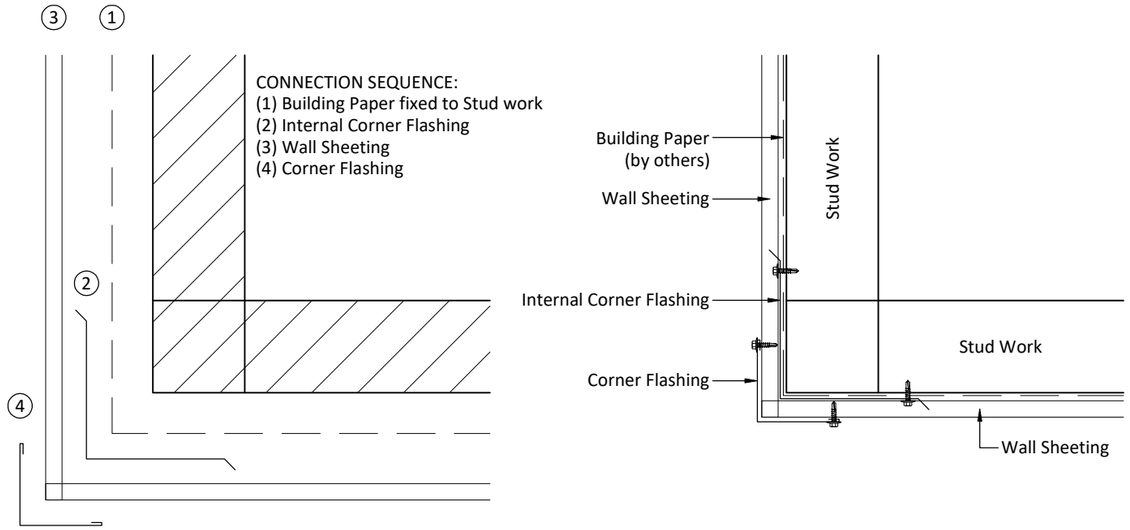
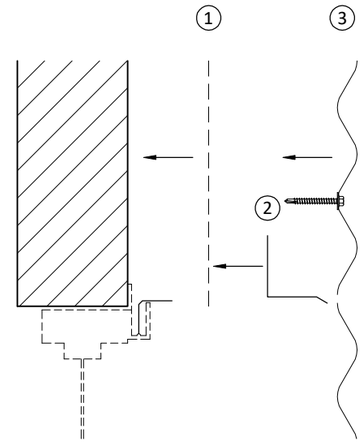
QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES;
Practising Professional Structural & Civil Engineers

Signature [redacted] John Ronaldson

Date: 16/10/23

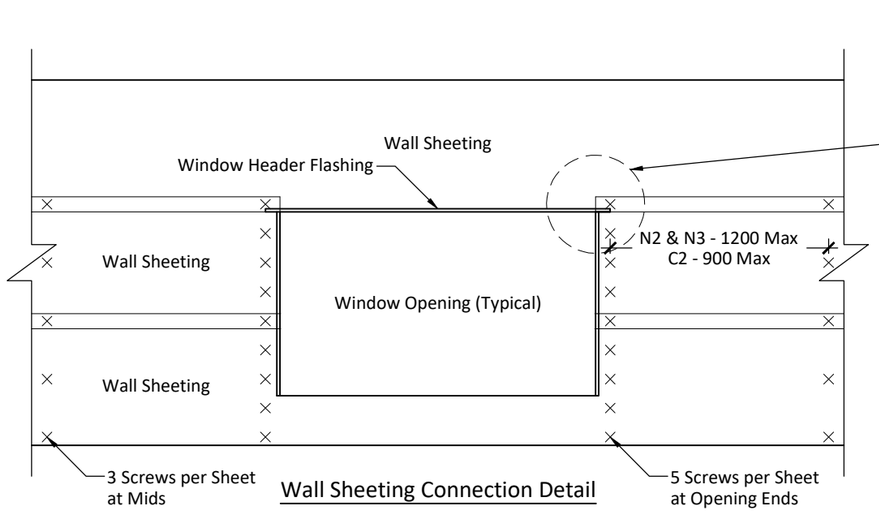


Corner Connection Detail

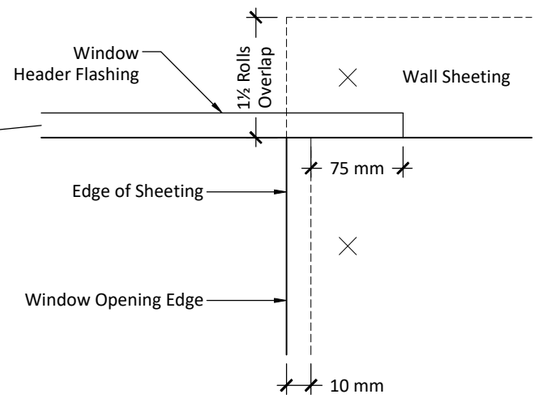


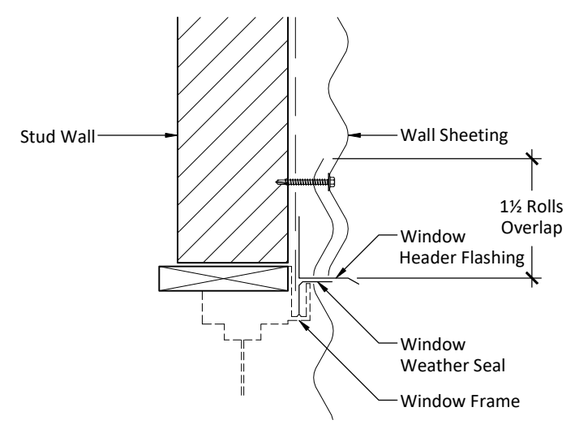
Window Header Connection Detail

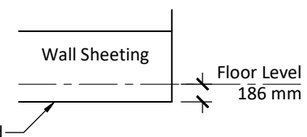
CONNECTION SEQUENCE
(1) Building Paper Fixed to Stud
(2) Window Header Flashing
(3) Wall Sheeting



Wall Sheeting Connection Detail







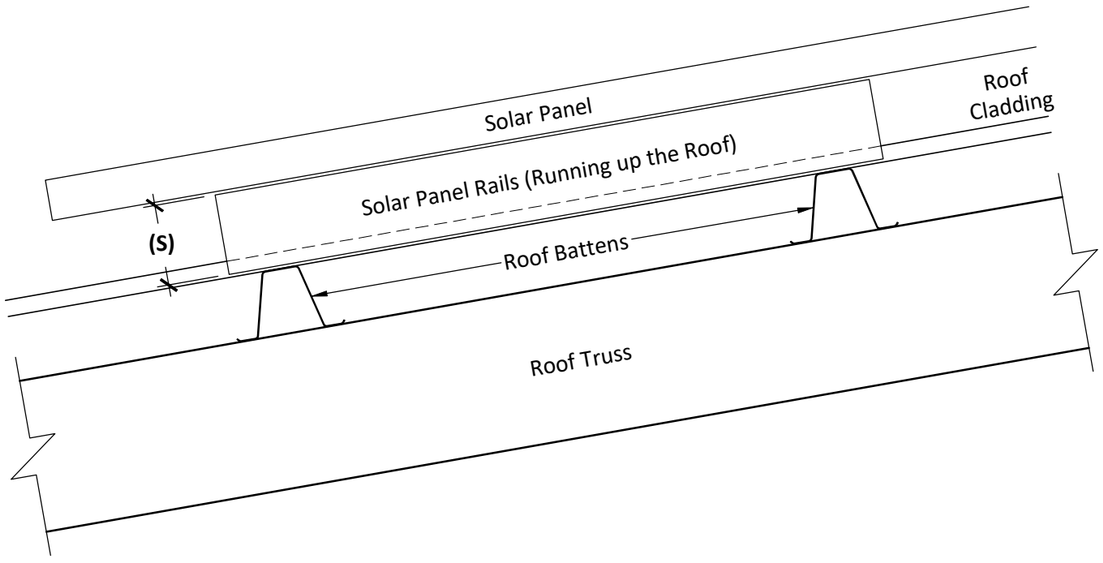
NOTES:
All overlapping flashings must be Siliconed as per the ridge cap fixing detail.

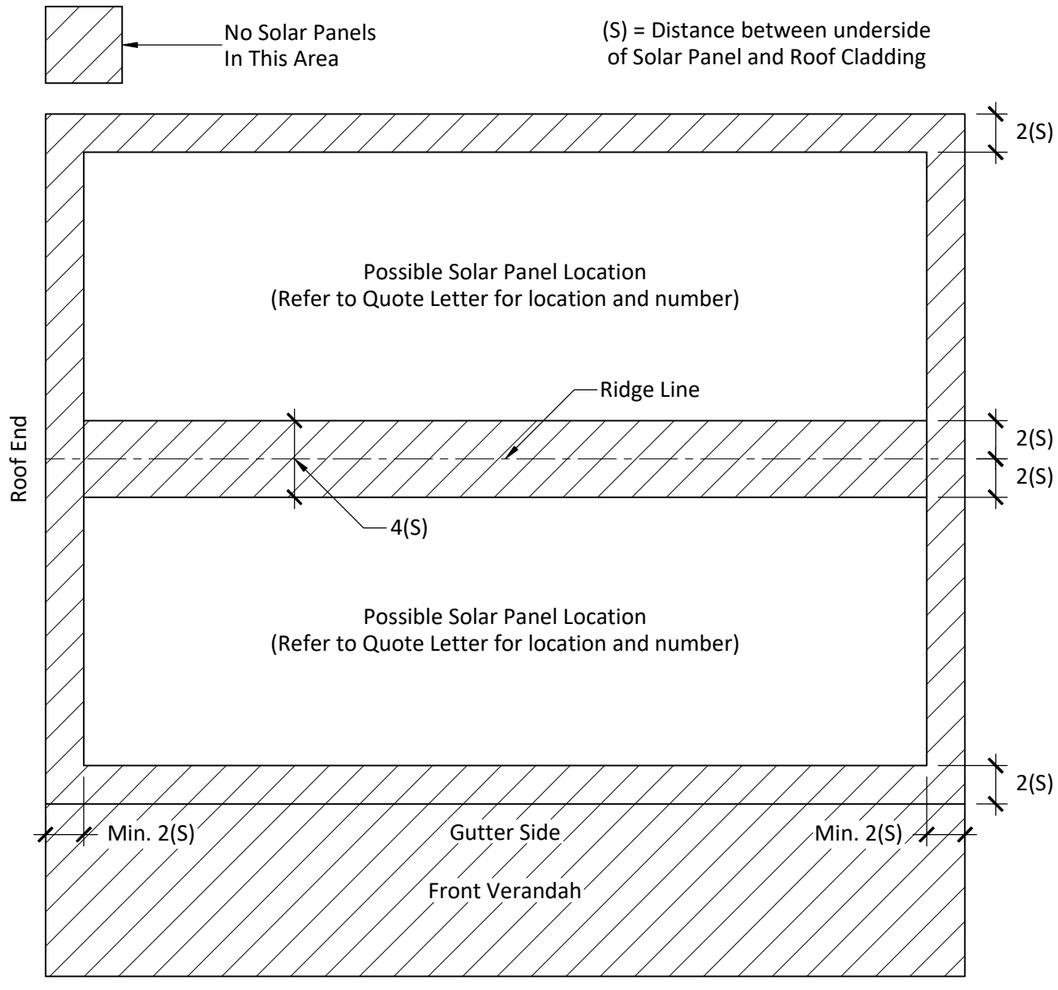
5.2 WALL SHEETING AND FLASHING

Purchaser Name: Sarah Pringle		**Engineering** **NOT FOR CONSTRUCTION** Page 7 of 12 © Copyright Steelx IP Pty Ltd	Seller: THE Shed Company Mudgee S & K Lincoln Pty Ltd Phone: (02) 6372 7755 Fax: (02) 6372 7700 Email: mudgeeadmin@theshedcompany.com.au	Apex Engineering Group PTY LTD ACN 632 588 562 MIE Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers Signature: [redacted] John Ronaldson Date: 16/10/23
Site Address: 16 Wenonah St Gulgong NSW 2852 Australia				
Drawing # TMUD234016 - 2	Print Date: 16/10/23			

Notes:

*This design is based on the requirements of AS/NZS 1170.2-2021 Clause B.6
*Solar Panels must be attached Parallel to the Roof
*The Gap between the underside of the panel and the roof (S) is to be between 50 mm and 300 mm (No Pitched Frames)
*The minimum distance from a roof edge to the panel shall be 2(S) - Refer to Solar Panel Connection Detail A
*The maximum weight of the Solar Panels and fixings is 15kg/m²





5.3 SOLAR PANEL DETAILS

DETAIL A

PLAN VIEW

Purchaser Name: Sarah Pringle

Site Address: 16 Wenonah St Gulgong NSW 2852 Australia

Drawing # TMUD234016 - 2

Print Date: 16/10/23

Engineering
NOT FOR CONSTRUCTION
Page 8 of 12

Seller: THE Shed Company Mudgee
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Practising Professional Structural & Civil Engineers

Signature: [redacted]

John Ronaldson

Date: 16/10/23

GENERAL NOTES ON STIFFENED RAFT SLAB

G1. These drawings are only suitable for sites which have had a soil test carried out and where the ground movement is predominantly due to soil reactivity under normal moisture conditions. The designs attached only cater for site classified as A, S, M, M-D, H1, H1-D, H2, and H2-D.

G2. **P and E sites are NOT covered**. These sites should be designed by a local geotechnical engineer. Where a site requires cut and fill over 300mm across the pad area, then

G3. Fill placed after the Geotechnical report should be certified by a geotechnical engineer to level 1 in accordance with AS3796.

G4. Site drainage to protect the slab and footings from excessive moisture is very important. Refer to B2.2 and B2.3

G5. Slab to be founded on a minimum of 50mm thick compacted granular base. Vapour barrier (Visqueen membrane) to be placed under the entire slab. Bar chairs to be placed at a maximum of 900mm centres in both directions.

G6. Concrete shall be a minimum of 32MPa, a maximum of 80mm slump and a maximum of 20mm aggregate. Concrete must be pencil vibrated and cured for at least 7 days.

G7. Provisions for control of or allowance for shrinkage cracking shall be as follows:
Where brittle floor coverings (ceramic tiles and the like) are to be used over an area greater than 16m², extra measures shall be taken to control shrinkage cracking. Such measures shall include one or more of the following

* The amount of slab reinforcement shall not be less than SL92 or equivalent throughout the slab panels where brittle finishes are to be used. Alternatively, an additional sheet of slab mesh shall be placed in those areas.

* The bedding system for the brittle coverings shall be selected on the basis of the expected slab movement and the characteristics of the floor coverings.

* The placement of floor coverings shall be delayed. NOTE: A minimum period of three months drying of the concrete is usually required. Refer to "Foundation Performance and Maintenance" below.

FOUNDATION PERFORMANCE AND MAINTENANCE

B1 GENERAL

The designs and design methods given in this Standard are based on the performance criteria in clause 1.3. Importantly, significant damage may be avoided provided that foundation site conditions are properly maintained. This is expressed in section 1 by the statement that the probability of failure for reasonable site conditions is low, but is higher if extreme conditions are encountered. It is neither possible nor economical to design for the extreme conditions that could occur in the foundations if a site is not properly maintained. The expected standard of foundation maintenance is described in paragraph B2

Some minor cracking and movement will occur in a significant proportion of buildings, particularly those on reactive clays, and the various levels of damage are discussed in paragraph B3.

The performance requirements of a concrete floor in respect to shrinkage cracking and moisture reaction with adhesives are discussed in Paragraph B4.

A more extensive discussion of the material in Paragraphs B2 to B4 is contained in the CSIRO pamphlet, 10-91,"Guide to Home Owners on Foundation Maintenance and Footing Performance' and its recommendations should be followed.

B2 FOUNDATION MAINTENANCE

B2.1 Foundation soils
All soils are effected by water. Silts are weakened by water and some sands can settle if heavily watered, but most problems arise on clay foundations. Clays swell and shrink due to changes in the moisture content and the potential amount of movement is implied in the site classification in this Standard, which is designed as follows:

(a) A means stable (non-reactive).
(b) S means slightly reactive.
(c) M means moderately reactive
(d) H1 and H2 means highly reactive.
(e) E means extremely reactive. (NOT COVERED BY THIS DESIGN)

Sites classified Class A and S may be treated as non-reactive sites in accordance with Paragraph B2.2. Sites classified as M, H1, H2 and E should comply with the recommendations given in Paragraph B2.3.

B2.2 Class A and S sites
Sands, silts and clays should be protected from becoming extremely wet by adequate attention to site drainage and prompt repair of plumbing leaks.

B2.3 Class M, H1 and H2 sites
Sites classified as M, H1, H2 should be maintained at essentially stable moisture conditions and extremes of wetting and drying prevented. This will require attention to the following:

(a) Drainage of the site: The site should be graded or drained so that water cannot pond against or near the building. The ground immediately adjacent to the building should be graded to a uniform fall of 50 mm minimum away from the building over the first metre. The subfloor space for the buildings with suspended floors should be graded or drained to prevent ponding where this may affect the performance of the footing system.

The site drainage recommendations should be maintained for the economic life of the building.

(b) Limitation on gardens: The development of the gardens should not interfere with the drainage systems. Garden beds adjacent to the building should be avoided. Care should be taken to avoid over watering of gardens close to the building footings.

(c) Restrictions on trees and shrubs planting of trees should be avoided near the foundation of a building or neighbouring building on reactive sites as they can cause damage due to drying of the clay at substantial distances. To reduce, but not eliminate, the possibility of damage, tree planting should be restricted to a distance from the house of:

(i) 1x mature height for Class H1 and H2 sites.
(ii) ¾ mature height for Class M sites.

Where rows or groups of trees are involved, the distance from the building should be increased. Removal of trees from the site can also cause similar problems.

(d) Repair of leaks: Leaks in plumbing, including stormwater and sewerage drainage should be repaired promptly.

The level to which these measures are implemented depends on the reactivity of the site. The measures apply mostly to masonry buildings and masonry veneer buildings. For the frame buildings clad with timber or sheeting, lesser precautions may be appropriate.

B3 PERFORMANCE OF WALLS

It is acknowledged that minor foundation movements occur on nearly all sites and that it is impracticable to design a footing system that will protect the building form movement under all circumstances. The expected performance of footing systems design in accordance with the Standard is defined in terms of the damage classifications in Table C1, Appendix C.

Crack width is used as the major criterion for damage assessment, although tilting and twisting distortions can also influence the assessment. Local deviations of slope of walls exceeding 1/150 are undesirable. The assessment of damage may also be effected by where it occurs and the function of the building, although these effects are not likely to be significant in conventional buildings. In the classification of damage, account should also be taken of the history of the cracking. For most situations Category 0 or 1 should be the limit. However under adverse conditions, Category 2 should be expected although such damage should be rare. Significant damage is defined as category 3 or worse.

For Category 1 or 2 damage, remedial action should consist of stabilising the moisture conditions of the clay and paying attention to repairing or disguising the visual damage. This should be regarded as part of the normal maintenance of buildings on reactive clays.

Even significant masonry cracking with crack widths over 5mm often has no influence on the function of the wall and only presents an aesthetic problem. Generally, the remedial action for such damage should start with an investigation to establish the cause of the damage. In many cases the treatment should consist of stabilising moisture conditions by physical barriers or paths or replenishing moisture in dry foundations. This may be followed by repair of the masonry and wherever possible added articulation should be included while repairs are being effected. Structural repairs to the footing system such as deep underpinning should only be considered as the last resort.

Underpinning should generally be avoided where the problem is related to reactive clays, although it is recognised there may be occasional situations where underpinning or other structural augmentation work is appropriate. None of this structural augmentation work should be undertaken without proper engineering appraisal.

In some cases, walls may be designed to span sagging footings and cantilever beyond hogging footings. In such cases, satisfactory performance will involve the wall remaining free of cracks and articulation joint movements, and remaining within the limits for the particular joint system.

B4 PERFORMANCE CONCRETE FLOORS

Shrinkage cracking can be expected in concrete floors. Concrete floors can also be damaged by swelling of reactive clays or settlement of fill. The categories of movement causing the damage are given in Table C2, Appendix C. In the classification, account should be taken of whether the damage is stable or likely to increase, and an allowance should be made for any deviations in level which resulted from, or occurred during construction.

The time of attachment of floor coverings and the selection of the adhesive for them should take in to account the moisture in the concrete floor and its possible effect on adhesion. Concrete floors can take a considerable time to dry (three to nine months).

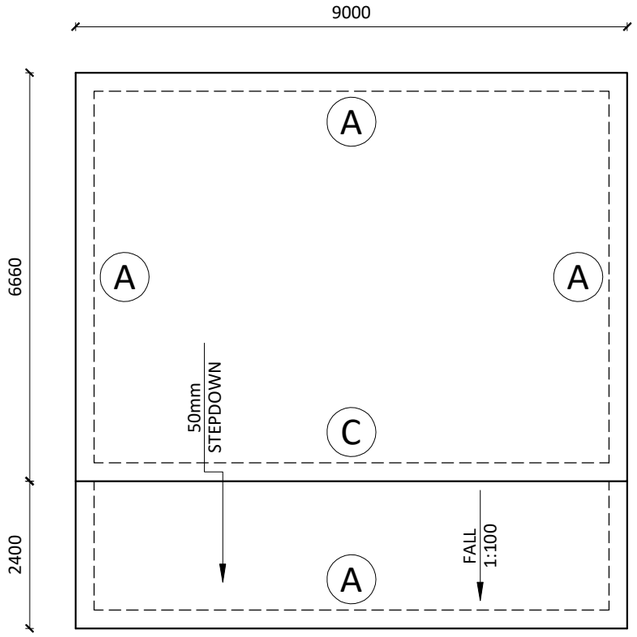
Floor coverings and their adhesives can be damaged by moisture in the concrete and by the shrinkage that occurs as the concrete dries. Drying could take three months or more. The time of fixing of floor coverings and the selection of the adhesive should take these factors into account.

6.0 SLAB AND FOUNDATION NOTES

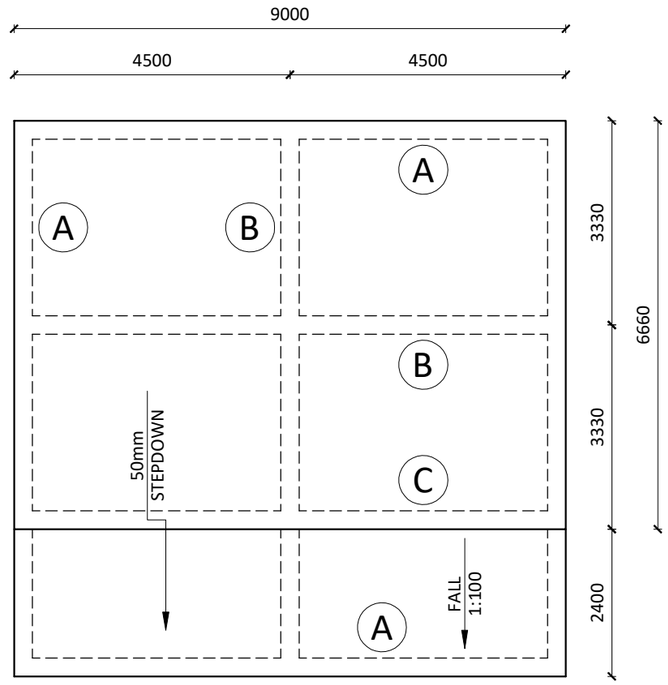
Purchaser Name: Sarah Pringle		**Engineering** **NOT FOR CONSTRUCTION** Page 9 of 12 	Seller: THE Shed Company Mudgee S & K Lincoln Pty Ltd Phone: (02) 6372 7755 Fax: (02) 6372 7700 Email: mudgeeadmin@theshedcompany.com.au	Apex Engineering Group PTY LTD ACN 632 588 562 MIE Aust. (Registered NER Structural) 5276680 QLD : RPEQ No. 24223; TAS : 185770492; VIC : PE0003848; N.T : 303557ES; Practising Professional Structural & Civil Engineers Signature: [redacted] John Ronaldson Date: 16/10/23
Site Address: 16 Wenonah St Gulgong NSW 2852 Australia				
Drawing # TMUD234016 - 2	Print Date: 16/10/23			

7.0 FOOTING PLANS

(DESIGNED IN ACCORDANCE WITH AS2870)



A & S - CLASS FOOTING PLAN



M, MD, H1 - CLASS FOOTING PLAN

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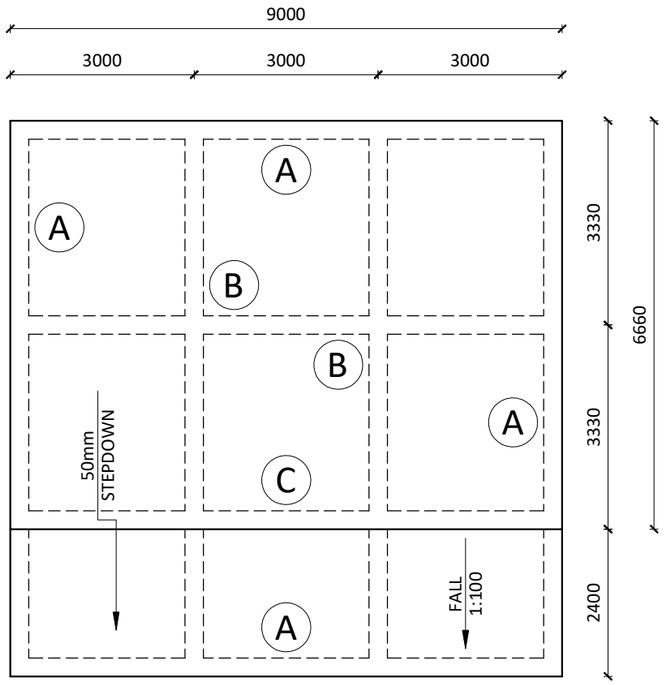

H1-D, H2-D - CLASS FOOTING PLAN

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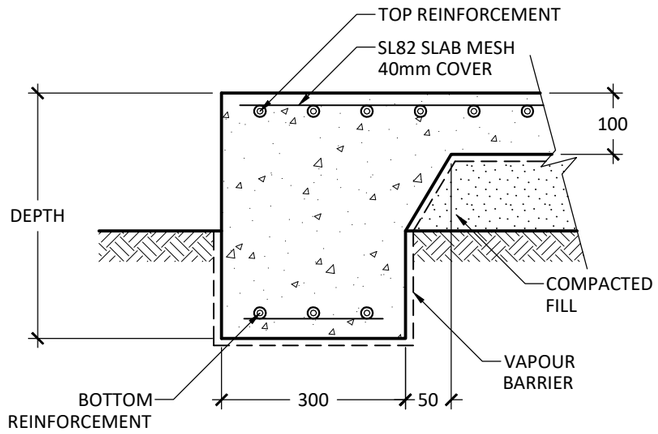
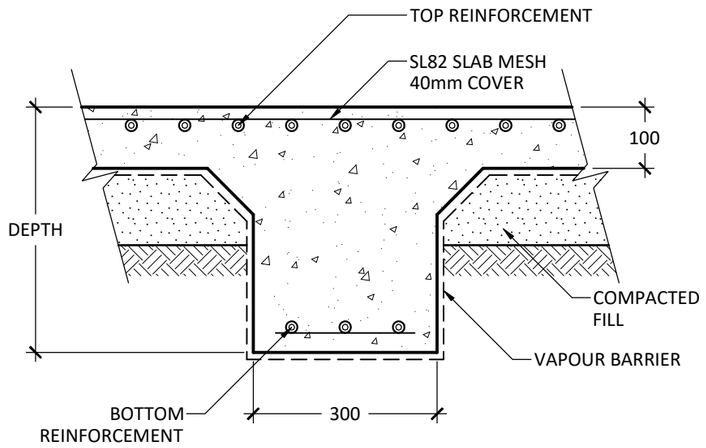


EDGE BEAM
TYPE Ⓐ



INTERNAL BEAM
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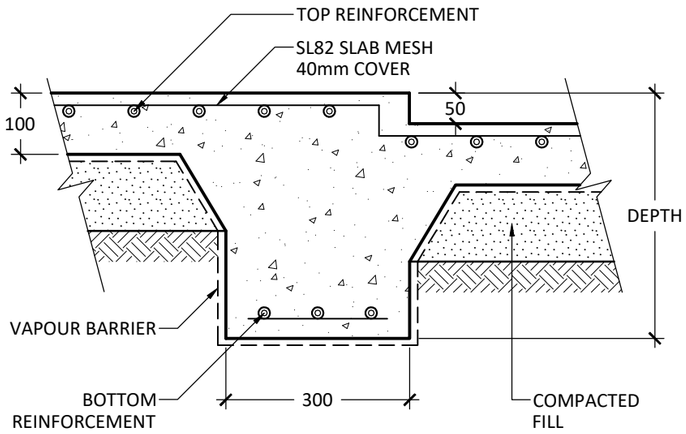

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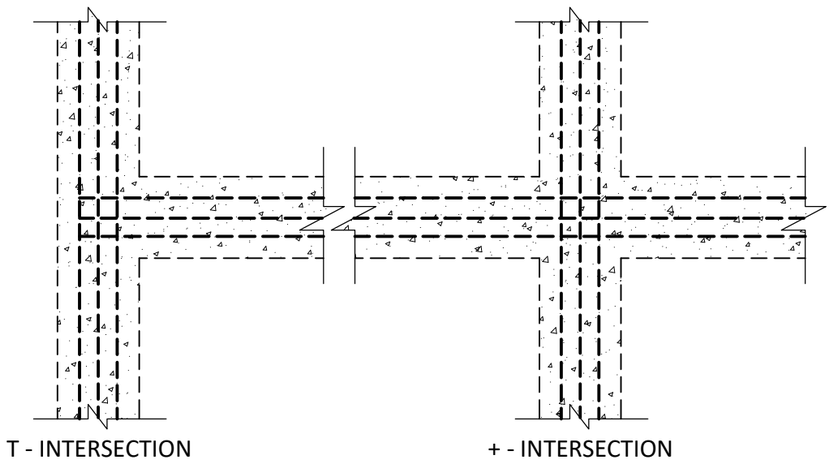

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SITE CLASS	DEPTH	BOTTOM REINFORCEMENT	TOP REINFORCEMENT
A	300	3-L8TM	-
S	300	3-L8TM	-
M	300	3-L11TM	-
M-D	400	3-L11TM	-
H1	400	3-L11TM	-
H1-D	400	3-L11TM	1N12
H2	550	3-L11TM	2N12
H2-D	550	2 x 3-L11TM	2N16

8.0 CONCRETE BEAM DETAILS

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