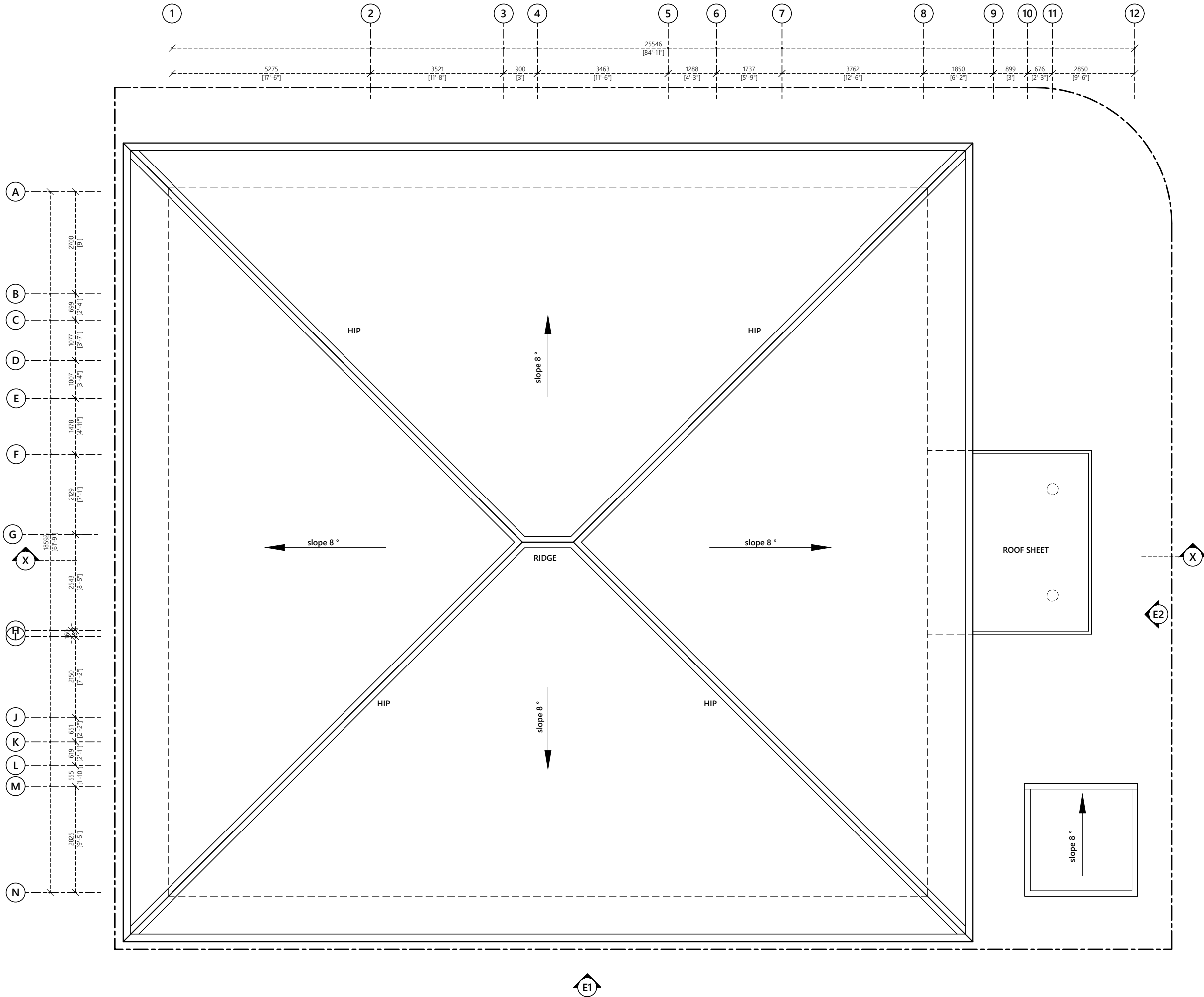




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ROOF PLAN

1:100

PROPOSED 01 STOREY BUILDING AT
SINGLE STOREY COUNCIL OFFICE

Sub Title:
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Client:
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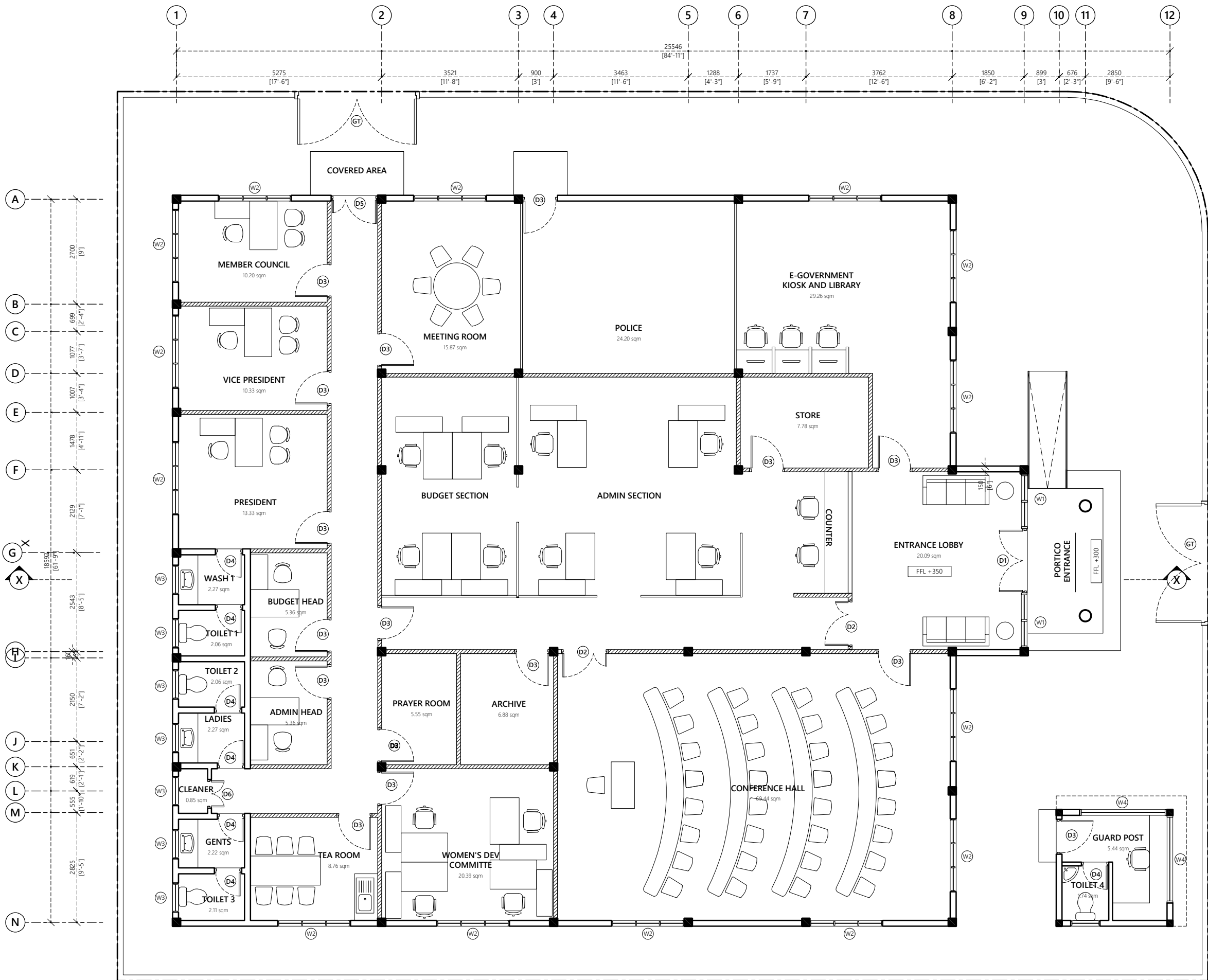
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Engineer: Ihsaan Waheed
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Wall Legend:

- 150mm thick masonry blocks with 20mm plaster on exterior and 12mm plaster on interior
- 100mm thick dry wall

Wall Finish:

Internal Wall Finish: Easy to wash odour-less Nippon paint Ivory White (code: 8161)

External Wall Finish: Weatherboard Algae guard Nippon September Cream (code: 0838)

Toilet and shower walls: 300x300mm ceramic wall lanka tiles up to ceiling height with tile adhesive. use joint filler of appropriate color for grouting joints between tiles

Floor Finish:

Floor Finishes: 600x600mm homogenous floor tiles with tile adhesive unless specified

Toilet Floor Finishes: 300x300mm homogenous non skid floor tiles with tile adhesive unless specified

Notes:

FFL of balconies and toilets should be 25mm lower than the FFL of respective floors

Water proofing to be applied in toilets, balconies and roof terrace prior to tiling

GROUND FLOOR PLAN

1:100

PROPOSED 01 STOREY BUILDING AT
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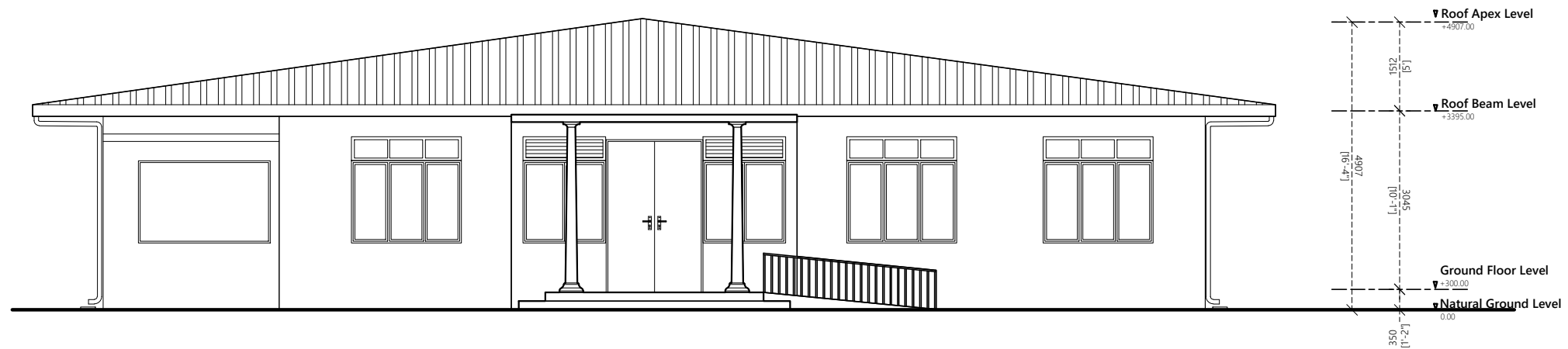
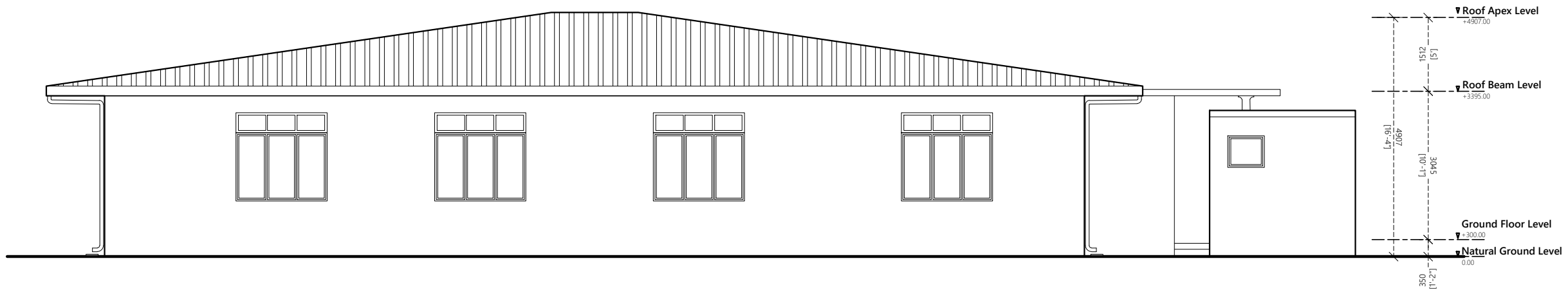
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ELEVATION E1

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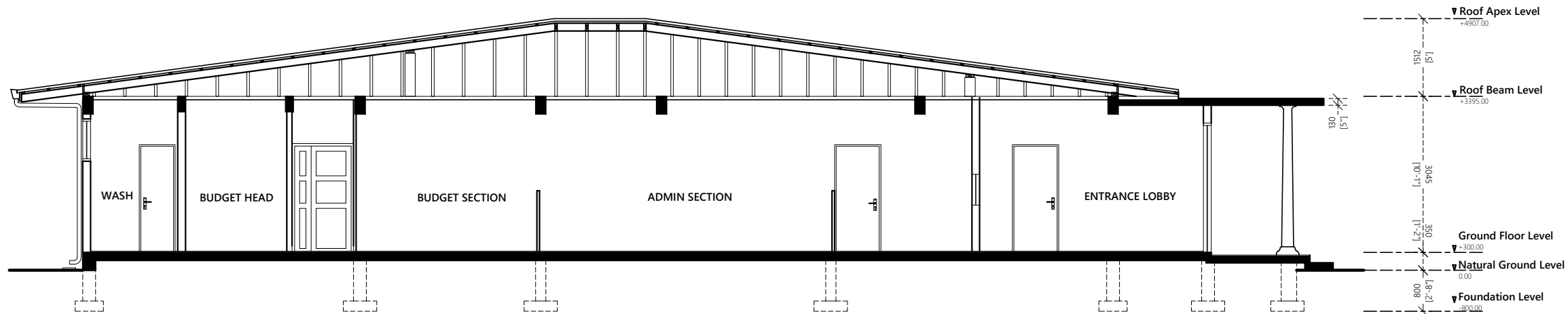
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SECTION X-X

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Door ID	D1	D2	D3	D4	D5	D6
Plan view						
Elevation view						
FFL						
Frame material	Aluminum powder coated	Solid timber Varnished	Solid timber Varnished	PVC	Aluminum powder coated	Solid timber Varnished
Panel material	Aluminum powder coated with glass panels	Solid core timber varnished	Solid core timber varnished	PVC	Aluminum powder coated with glass panels	Solid core timber varnished
Openable area	4.08	2.3	1.73	1.32	2.3	1.42

Door ID	W1	W2
Plan view		
Elevation view		
FFL		
Frame material	Aluminium Black Powder Coated	Aluminium Black Powder Coated
Panel material	Reflective glass	Reflective glass
Openable area	2.23	2.88

General Notes:

Dimensions shown on DWG indicate effective openings of frame

All frame depths are 100mm
All dor panel thicknesses are 35mm
All window manel thickness are 25mm
Al frame edges shal be trimmed 3mm

All wodden components should be wood stained finish

All glazing should be of 6mm unless specified

External units must comply the following weather conditions:-
Wind pressure: 200 kg/sqm
Water tightness: 25 kg/sqm

All external frames / wall joints must be sealed with silicon sealant and the wedges trimmed with 12X12mm hardwood beading fixed to frames by brass nails

All hardware should be provided for the performance of al functions of the units

Hinges shall confirm to
1. Door size more than 700X1900mm
WD: 125mm X2 sets
SD: 150mm X3 sets
2. Door size less than 700X1900mm
WD: 100mm X2 sets
SD: 125mm X2 sets

Locks shall be cylindrical with master key sets

Door knobs shall be1000mm above FFL

DOOR AND WINDOW SCHEDULE 01

1:100

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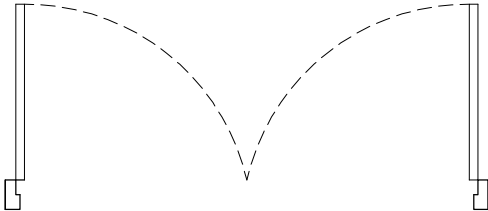
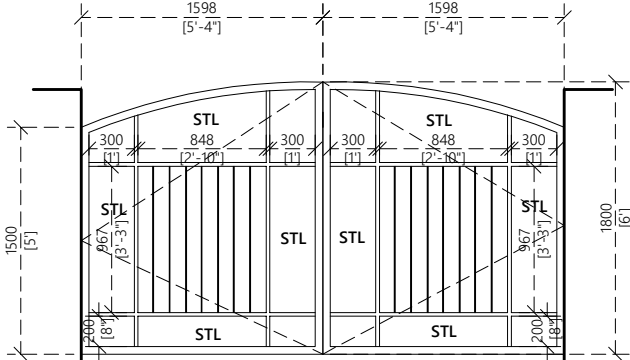
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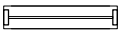
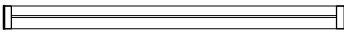
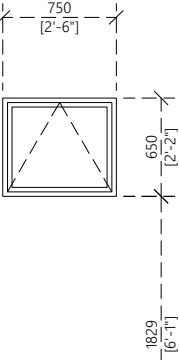
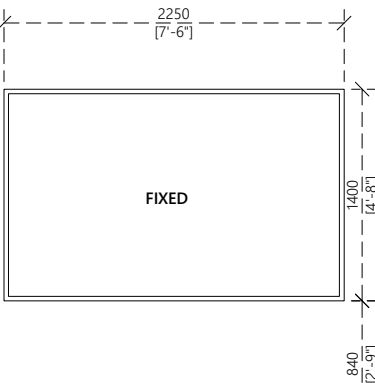
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Door ID	GT
Plan view	
Elevation view	
FFL	
Frame material	Steel gate frame
Panel material	Steel frame with steel panels as shown on elevation view
Quantity	2nos

Door ID	W3	W4
Plan view		
Elevation view		
FFL		
Frame material	Aluminium Black Powder Coated	Aluminium Black Powder Coated
Panel material	Reflective glass	Reflective glass
Openable area	0.41	0.00

General Notes:

Dimensions shown on DWG indicate effective openings of frame

All frame depths are 100mm
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All window manel thickness are 25mm
Al frame edges shal be trimmed 3mm

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WD: 100mm X2 sets
SD: 125mm X2 sets

Locks shall be cylindrical with master key sets

Door knobs shall be1000mm above FFL

DOOR AND WINDOW SCHEDULE 01

1:100

PROPOSED 01 STOREY BUILDING AT
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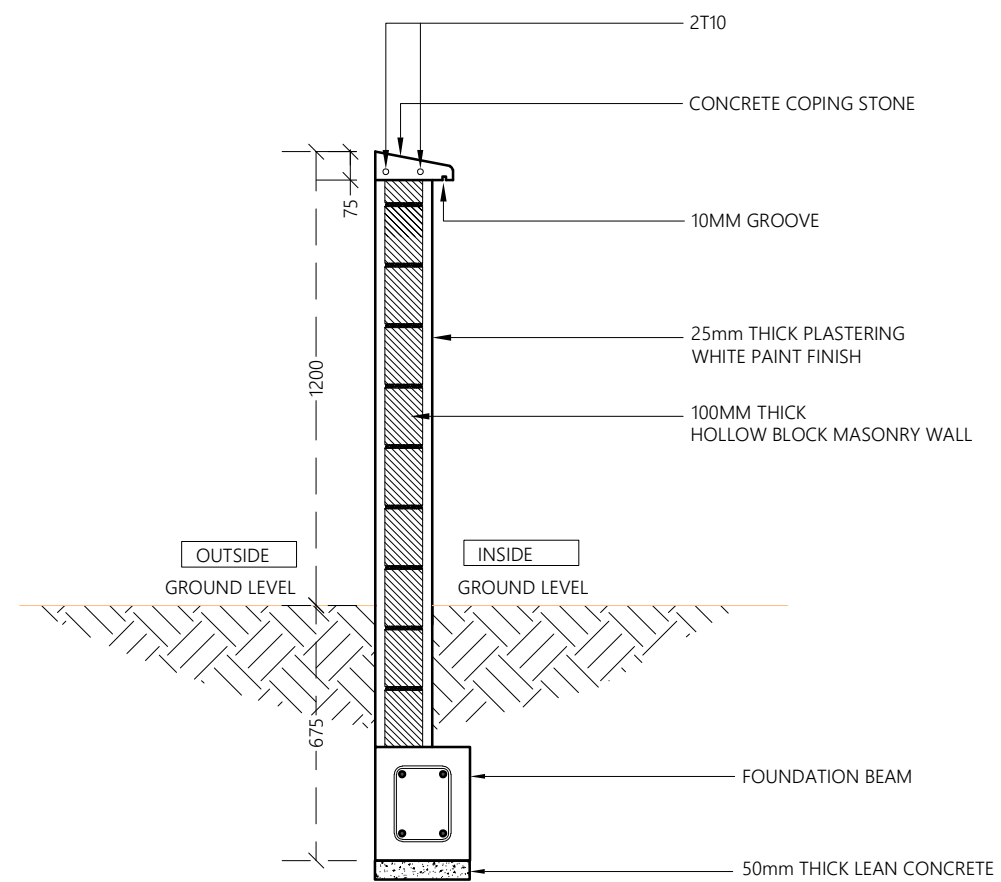
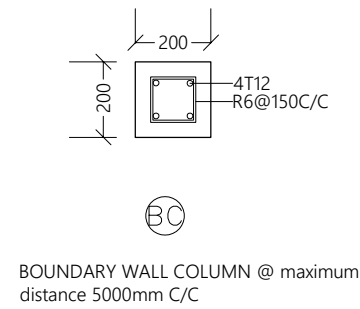
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TYPICAL BOUNDARY WALL DETAIL

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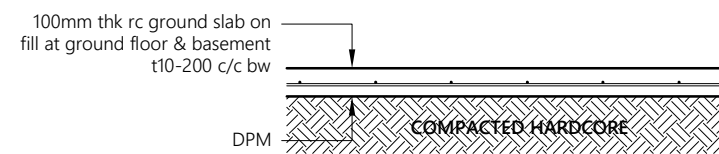
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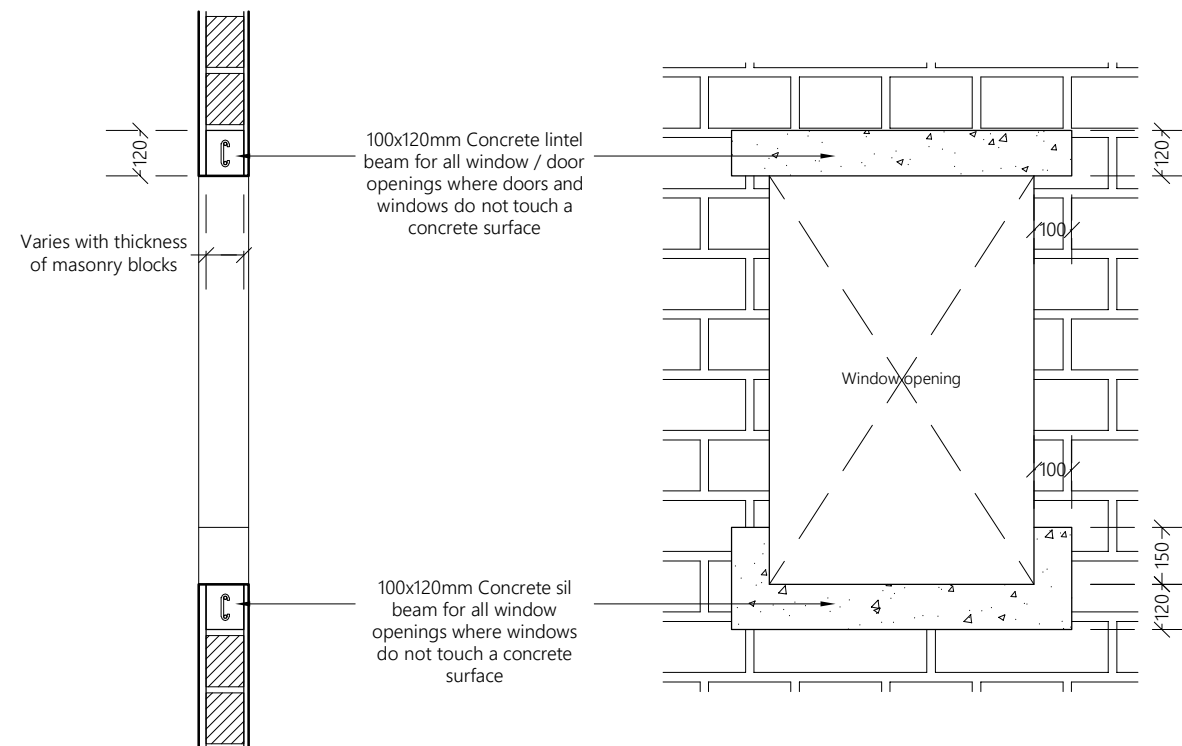


Note:

- All cover blocks shall be casted using grade C25/30 concrete with 5-10mm aggregates
- For slab, rebar spacer chairs spacing shall be minimum 1m spacing or 1 no. per 1 sqm

TYPICAL GROUND SLAB DETAIL

1:20



TYPICAL OPENING DETAIL

1:20

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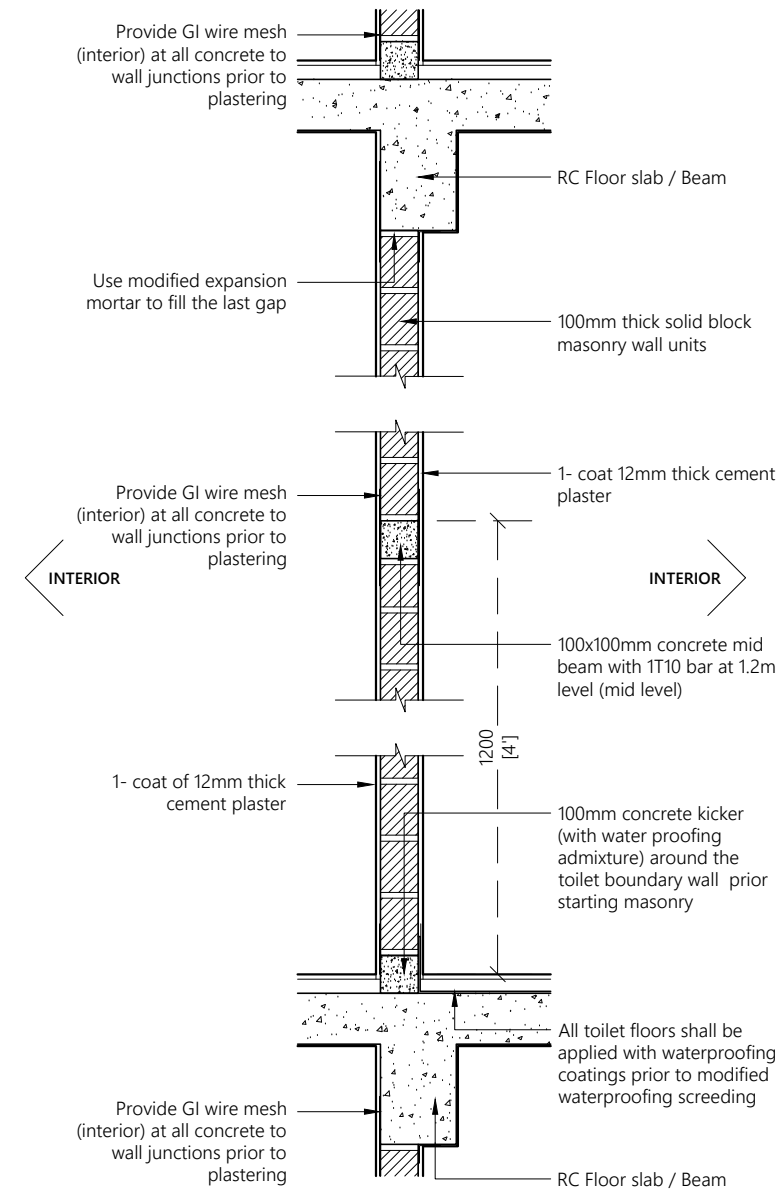
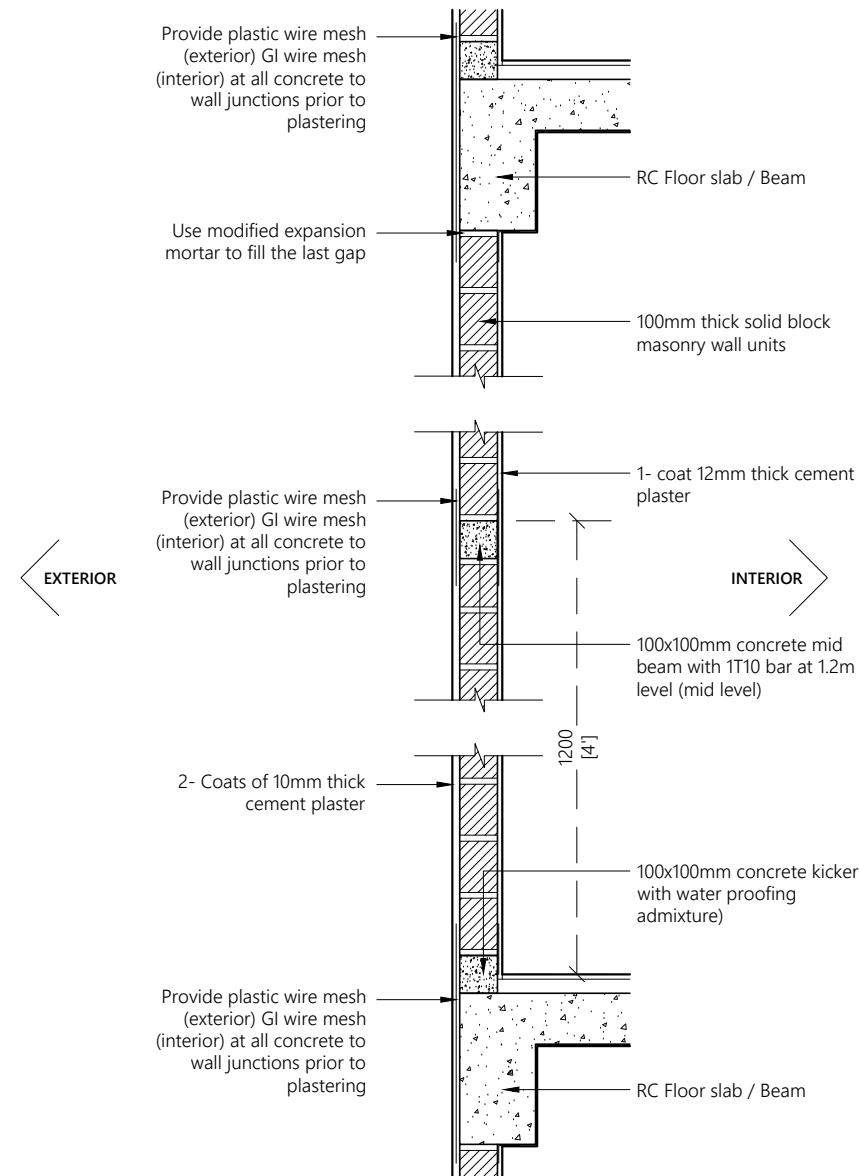
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Note:

- Concrete surfaces shall be thoroughly cleaned with water & applied with mastercast 141 or equivalent bonding mortar prior to plastering.
- Plastering mortar mix shall be 1:4 (cement: sand) ratio.
- Plaster mix shall be modified using fibre wool & mastercast 141 or equivalent plasticisers as per manufacturer's specification.
- Height of placing blocks shall be maximum 1.2m per day.
- After initial coat of plastering, water curing shall be provided for minimum 3 days & after final coat water curing shall be provided for 7 days.

TYPICAL WALL CONSTRUCTION DETAIL

1:20

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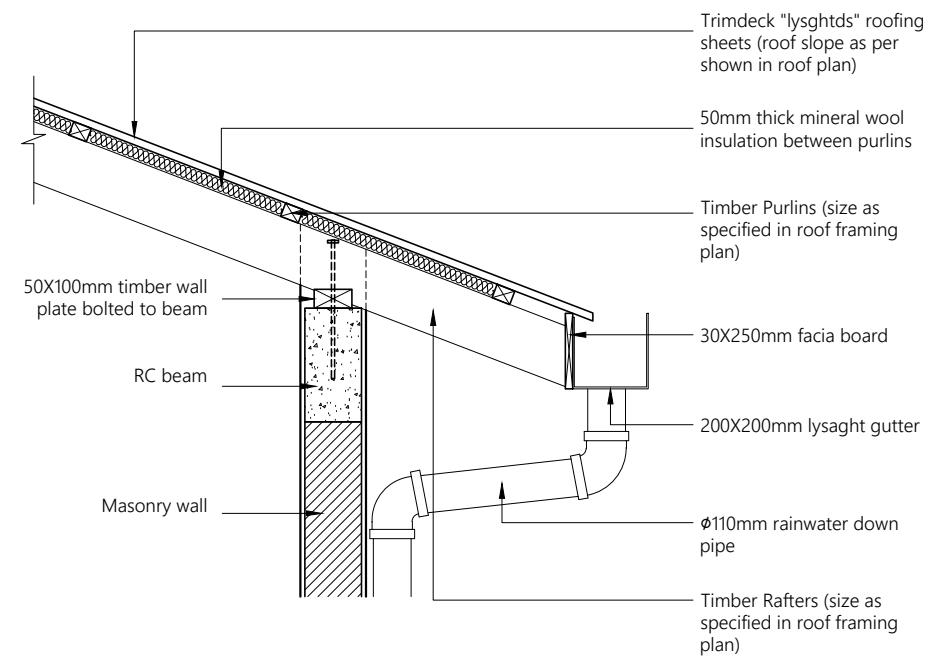
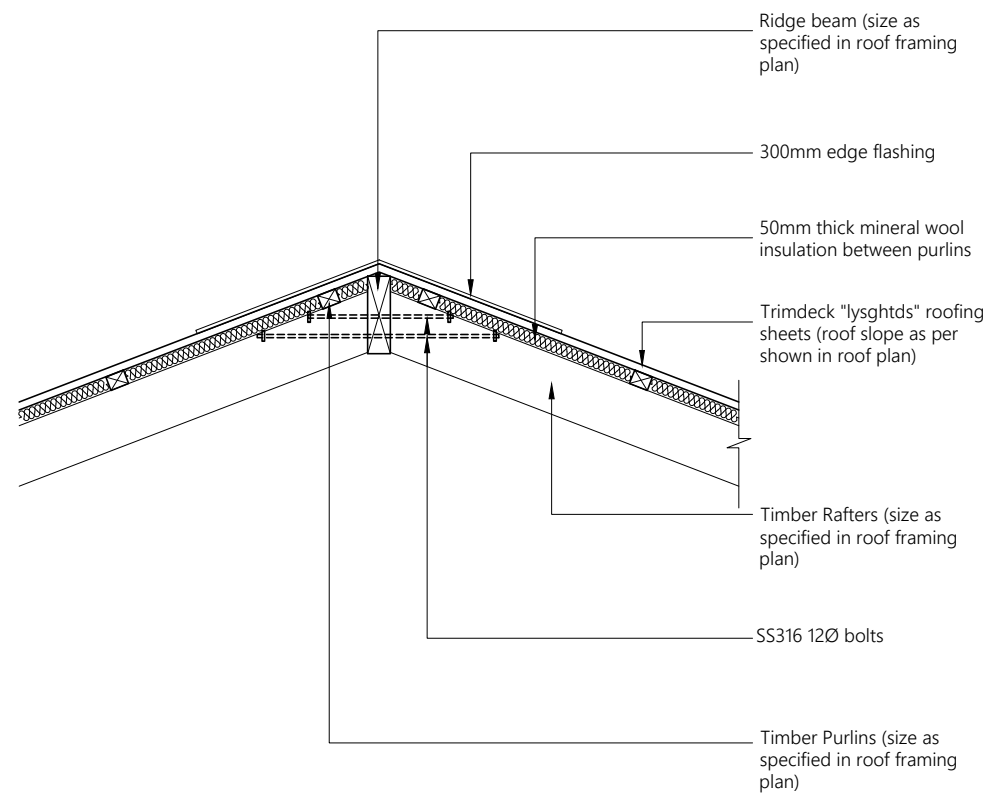
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TYPICAL ROOF DETAIL

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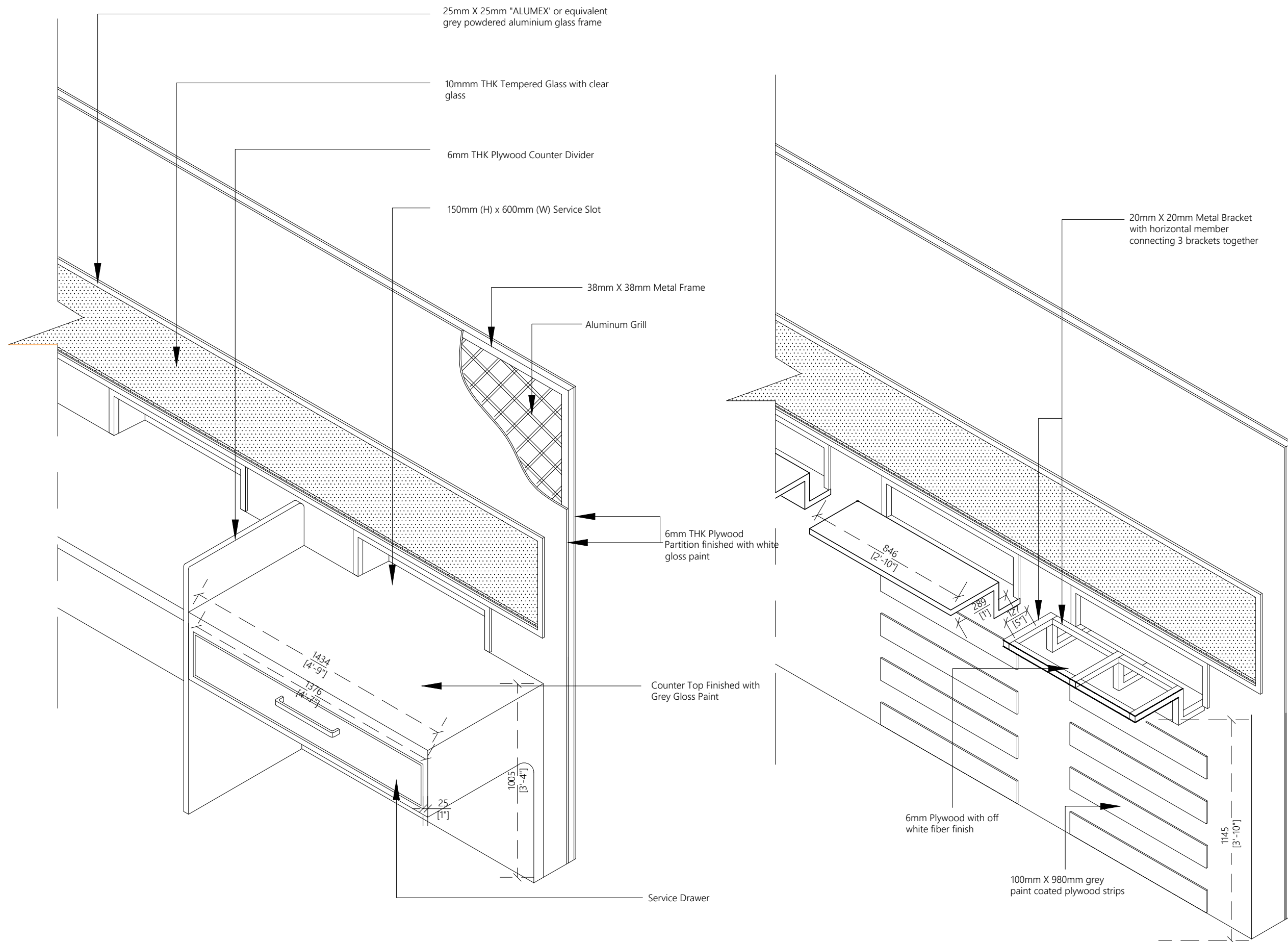
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COUNTER DETAIL

1:20

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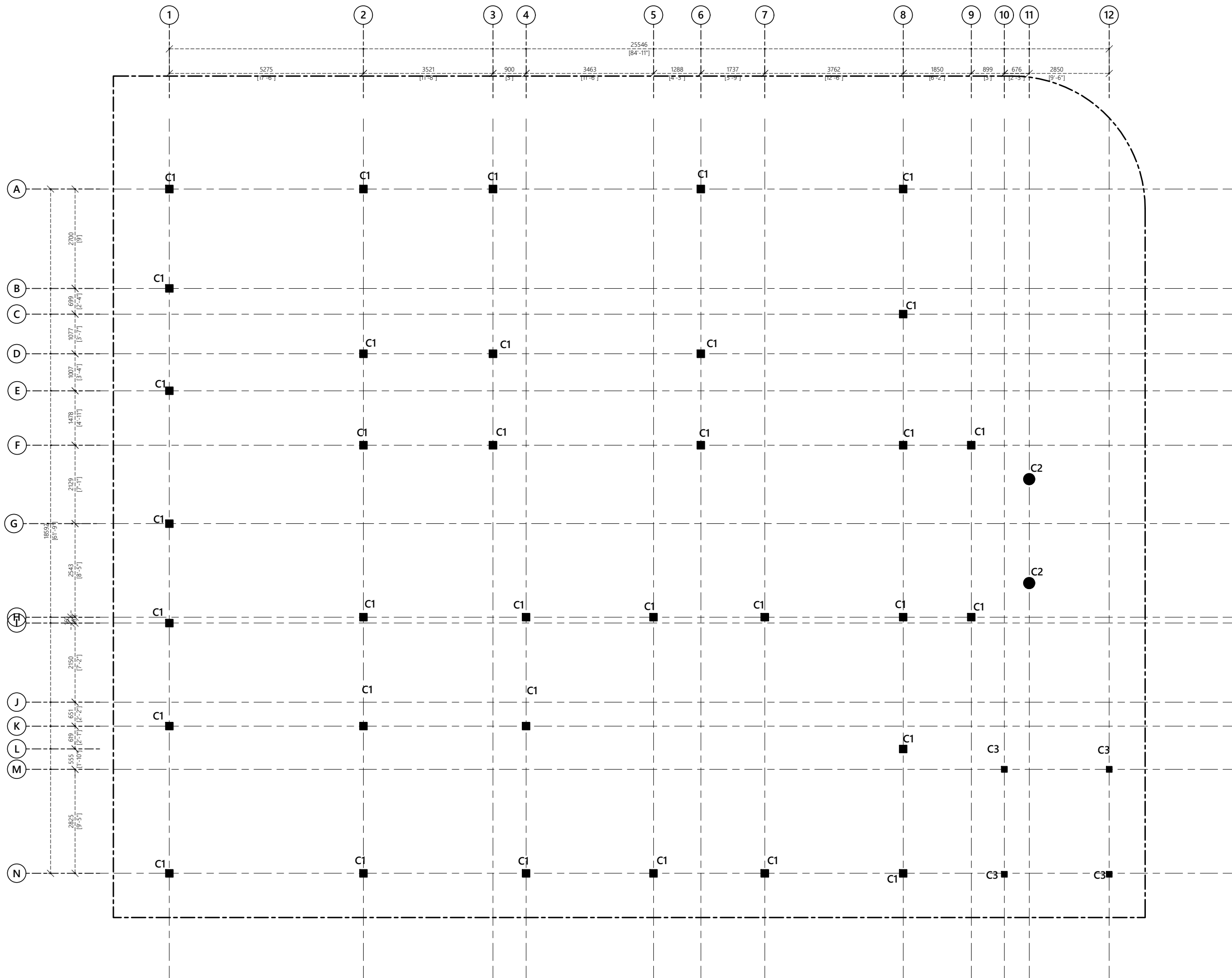
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COLUMN LAYOUT PLAN

1:100

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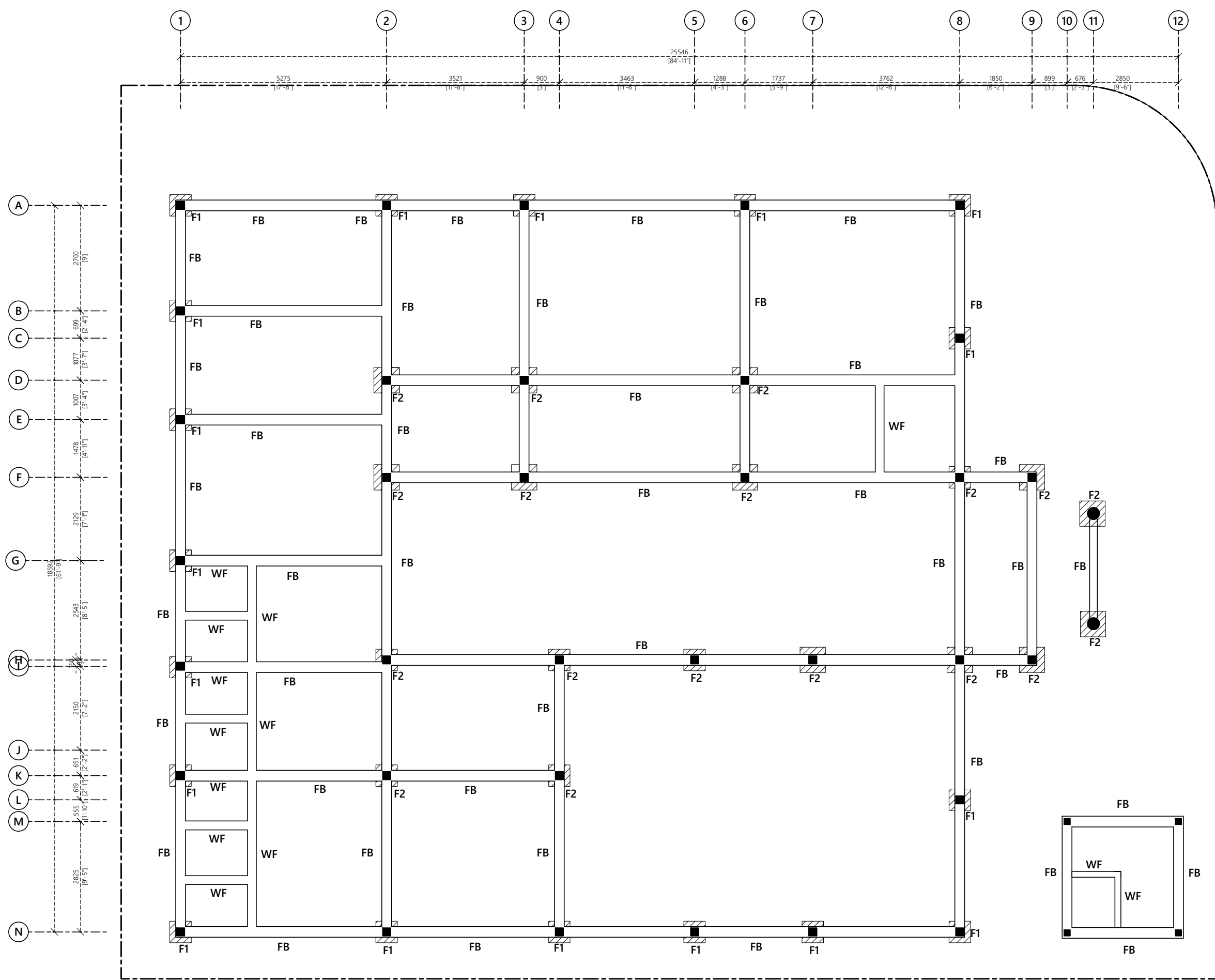
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Notes:

Foundation Depth: 800mm

F1 - 550 x 550 x 150 - T10@200C/C B/W (B)
F2 - 650 x 650 x 150 - T10@ 200C/C B/W (B)

FOUNDATION PLAN

1:100

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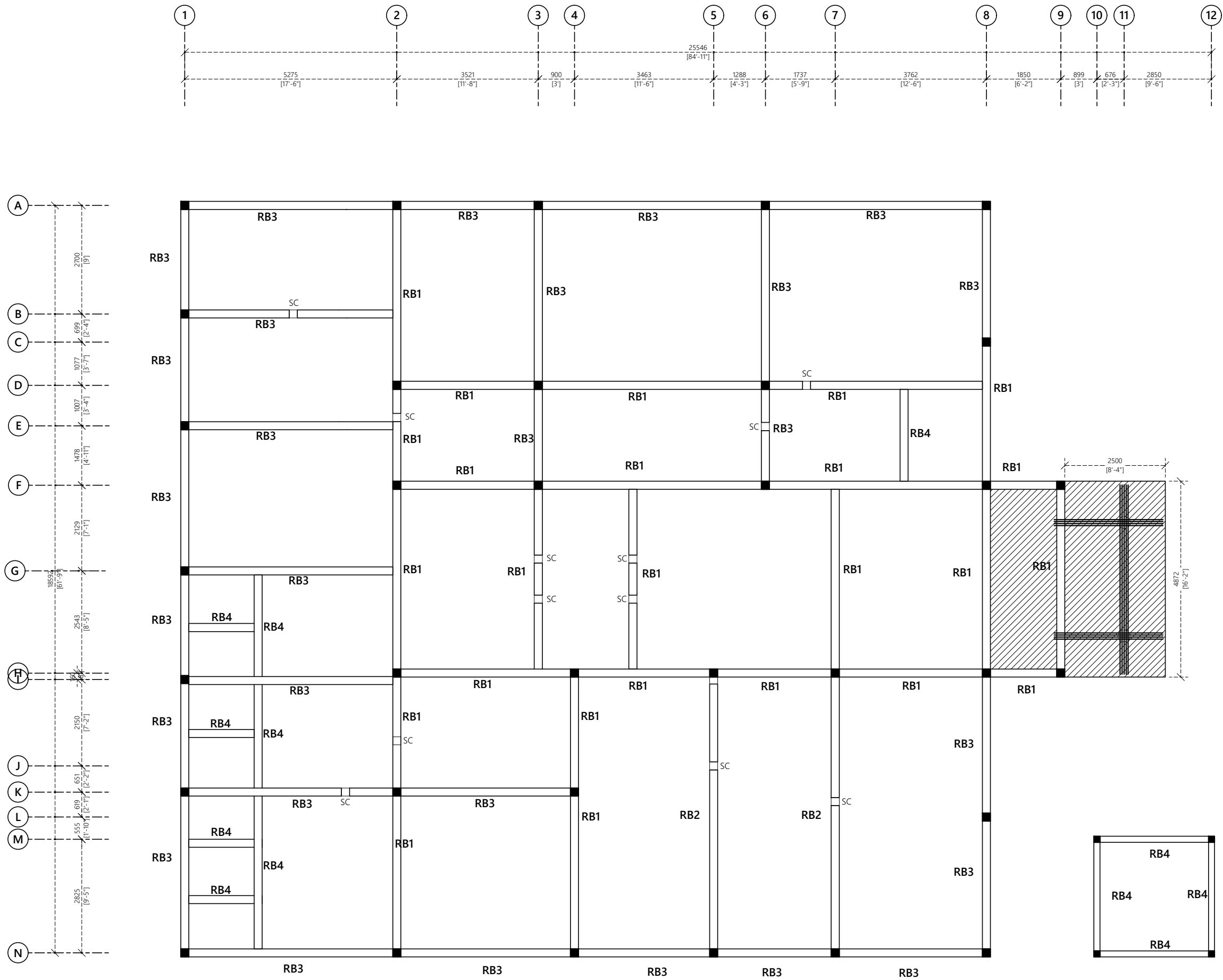
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Notes:

- Slab Thickness: 130mm C/C
Top & Bottom Reinforcement: T10@120 C/C
- SC (Stiffener Column Planted from Roof Beam)

ROOF BEAM PLAN

1:100

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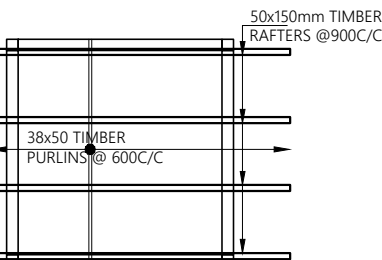
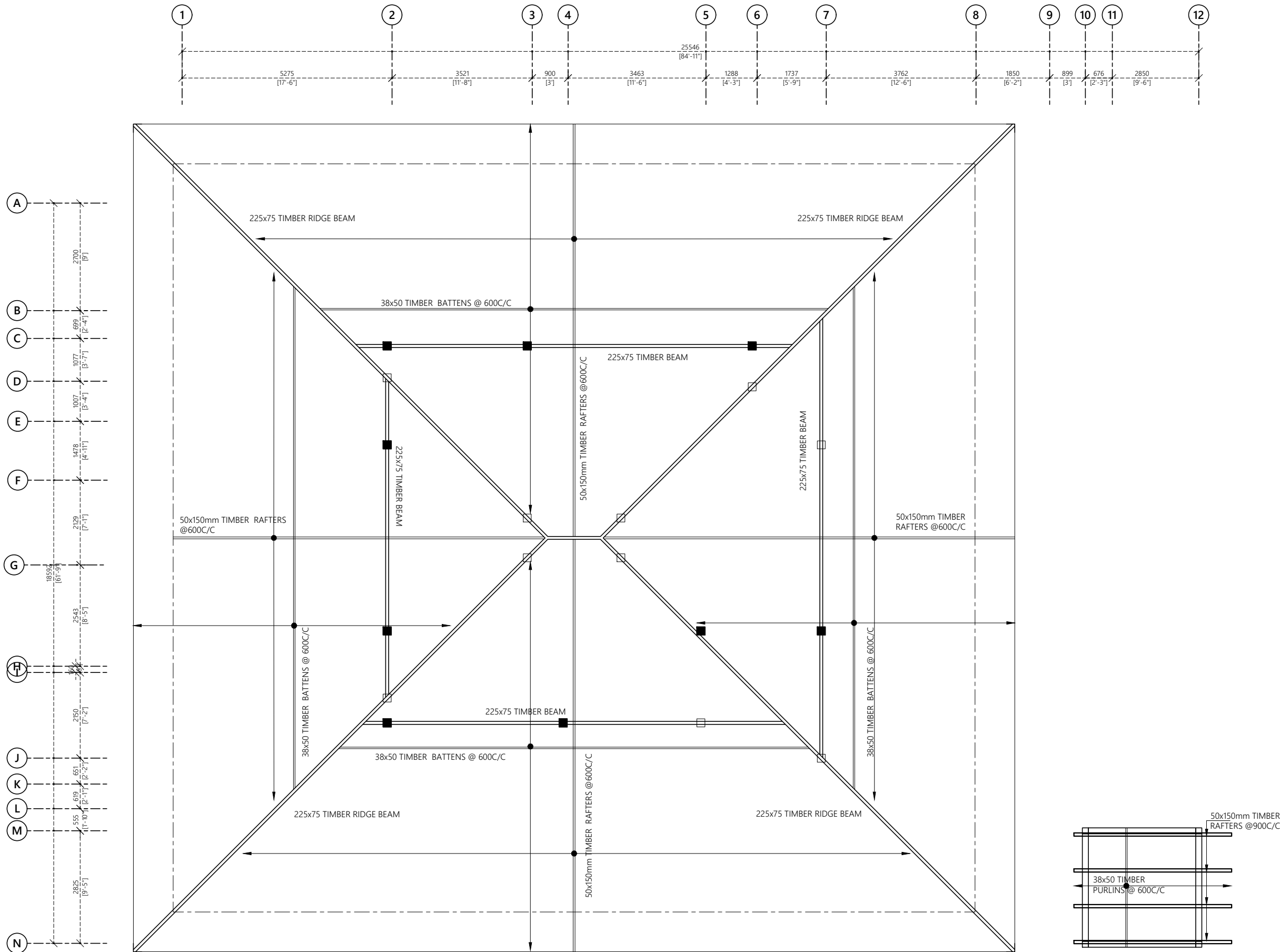
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ROOF FRAMING PLAN

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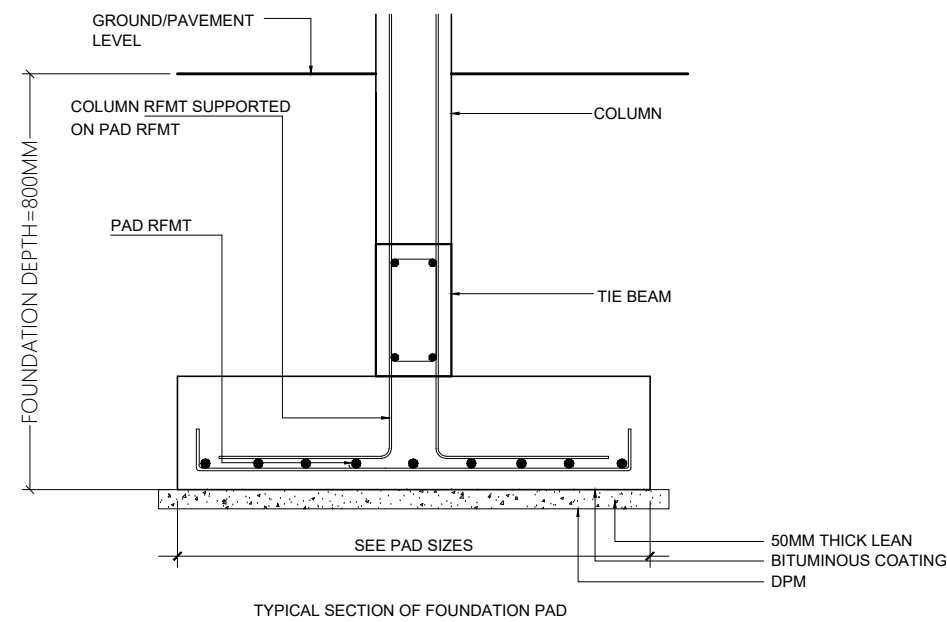
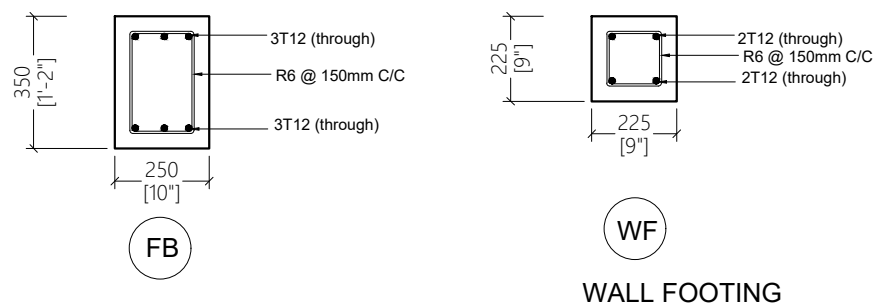
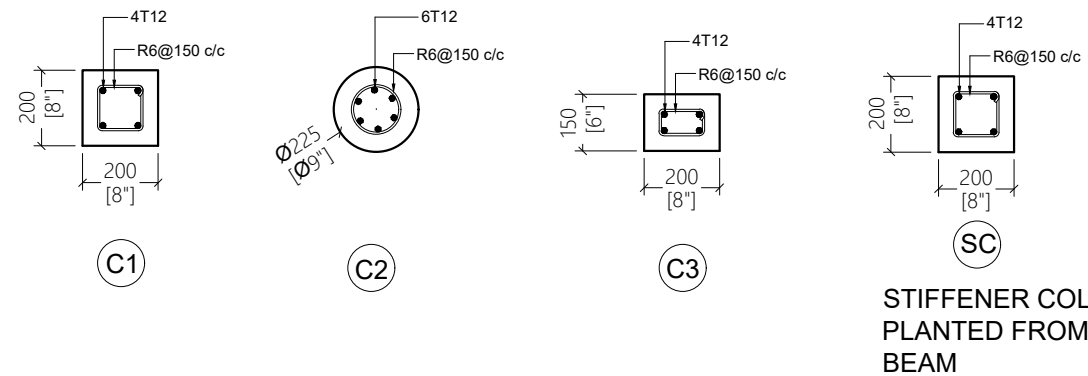
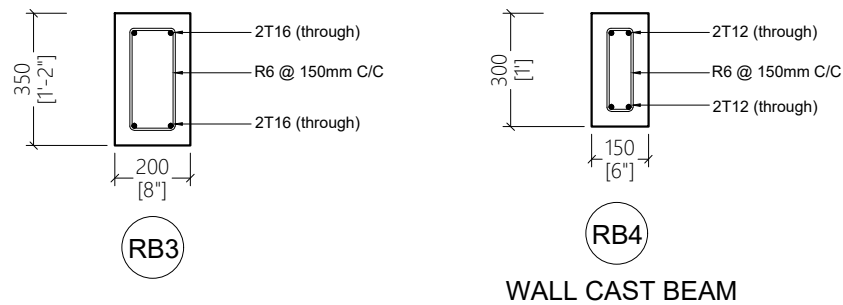
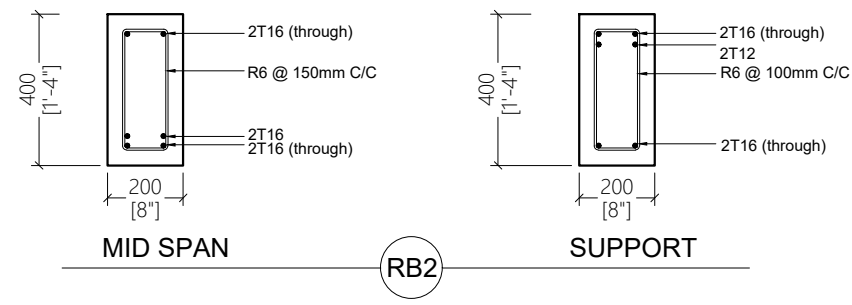
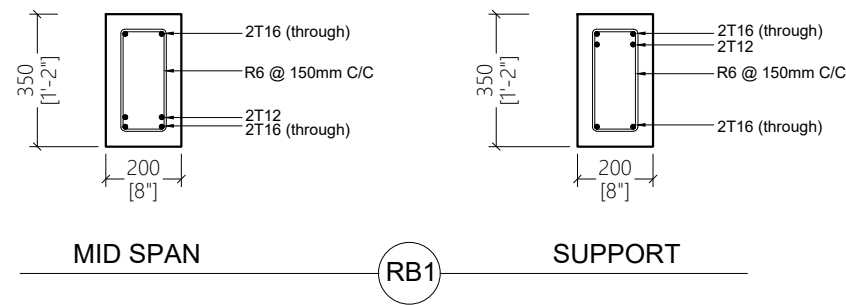
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STRUCTURAL DETAILS

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