

ARCHITECTURAL AND STRUCTURAL DRAWINGS OF

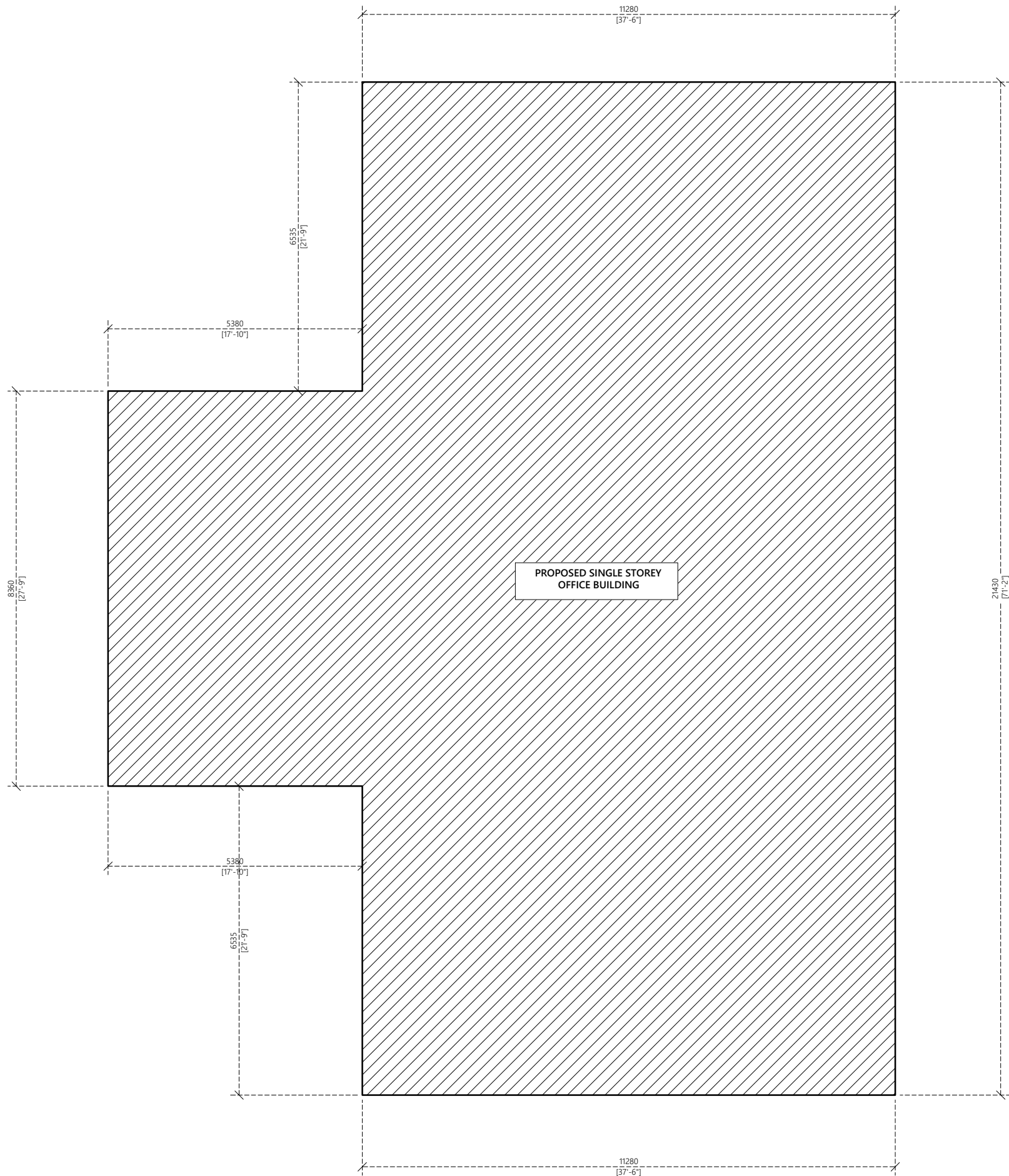
PROPOSED SINGLE STOREY BUILDING AT

KUDAHUVADHOO COUNCIL BUILDING

For Local Government Authority

By Epoch Associates Pvt. Ltd





BUILDING INFORMATION	
Plot Area	-
Footprint Area	286.70 sqm
Built-Up Area	286.70 sqm
Longest length of Footprint	21.43
Width coefficient of Footprint	13.38
Open Voids	-
Building Height	5.549
Road width	-

SITE PLAN

1:100

PROPOSED 01 STOREY BUILDING AT
**D.KUDA
HUVADHOO
COUNCIL OFFICE**

Sub Title:
COUNCIL PSI PROJECT

Client:
**LOCAL GOVERNMENT
AUTHORITY**

December 2019

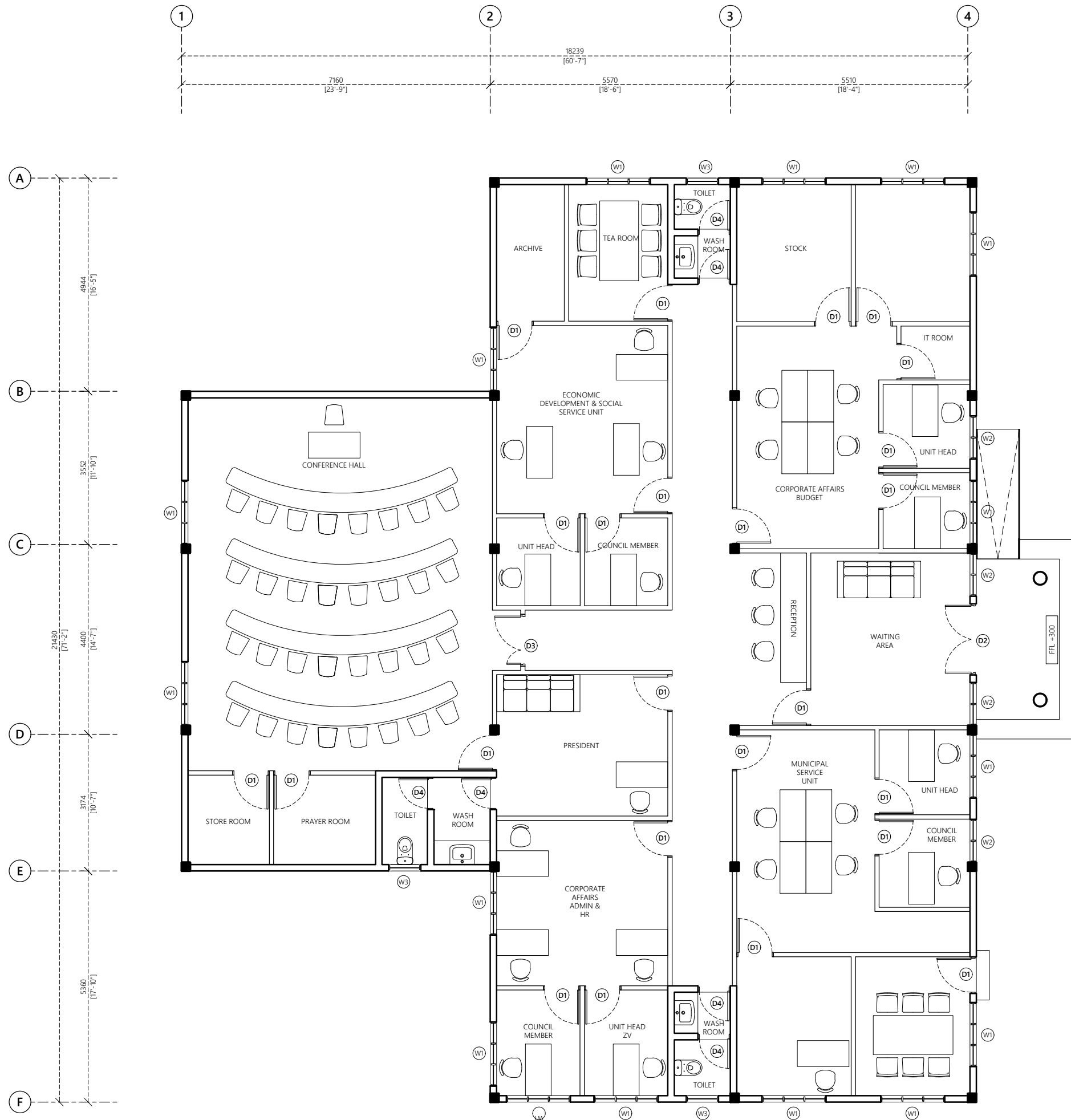
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Engineer: Ihsaan Waheed
Drawn By: Mohamed Hassaan



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Rev: ---

Page: A01



Wall Legend:

150mm thick masonry blocks with 20mm plaster on exterior and 12mm plaster on interior

100mm thick dry wall on the internal walls except the toilets and staircase

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:

F.F.L. of balconies and toilets should be 25mm lower than the F.F.L. of respective floors

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

GROUND FLOOR PLAN

1:100

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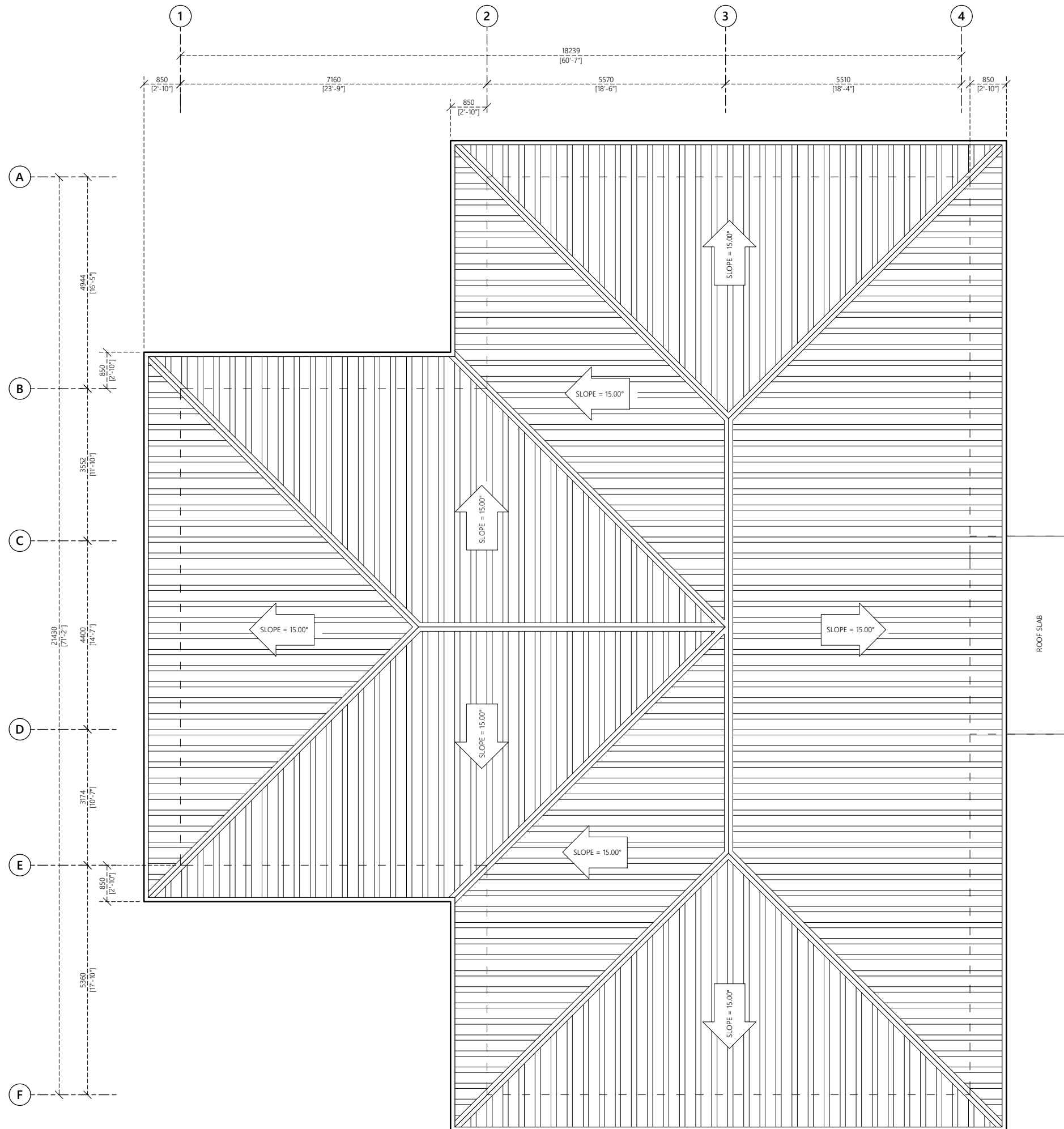
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Page: A02



ROOF PLAN

1:100

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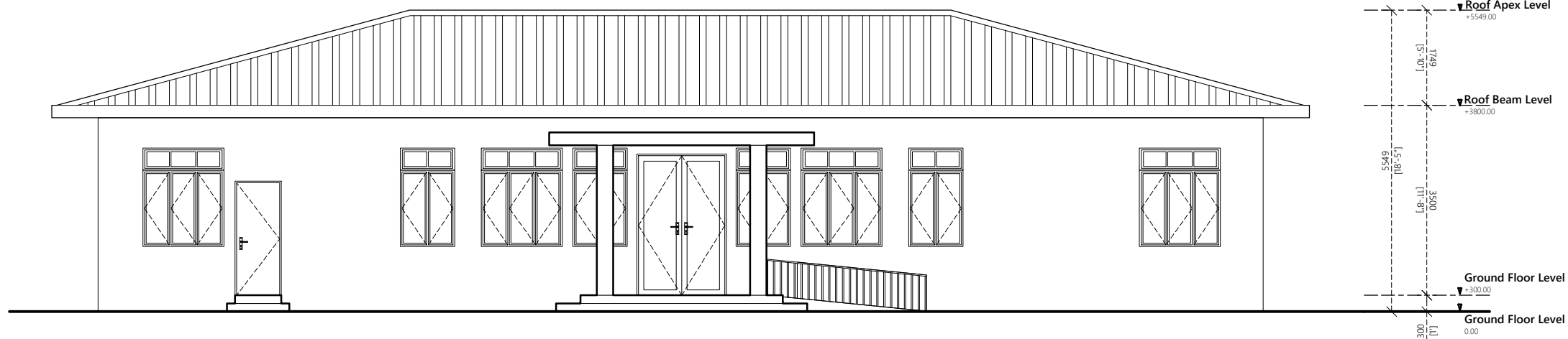
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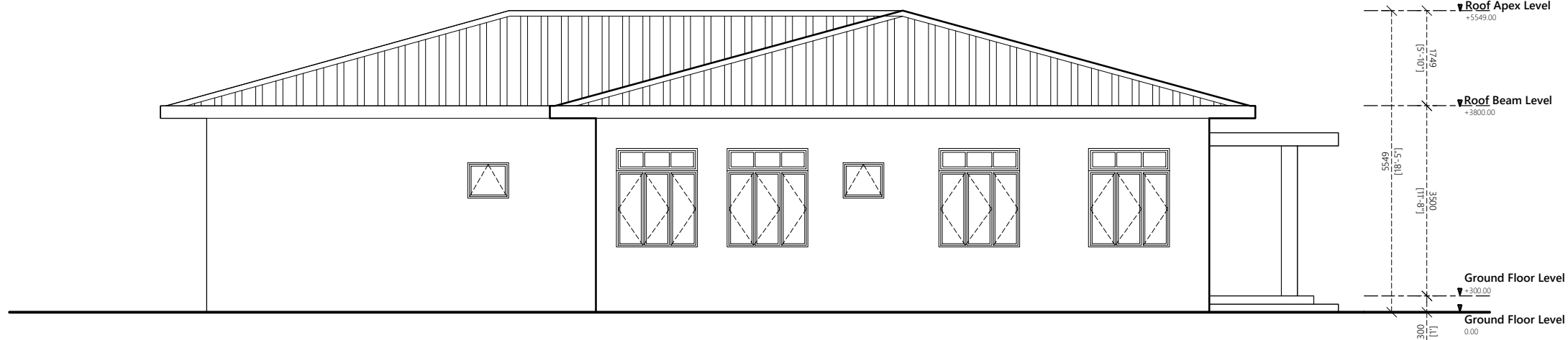
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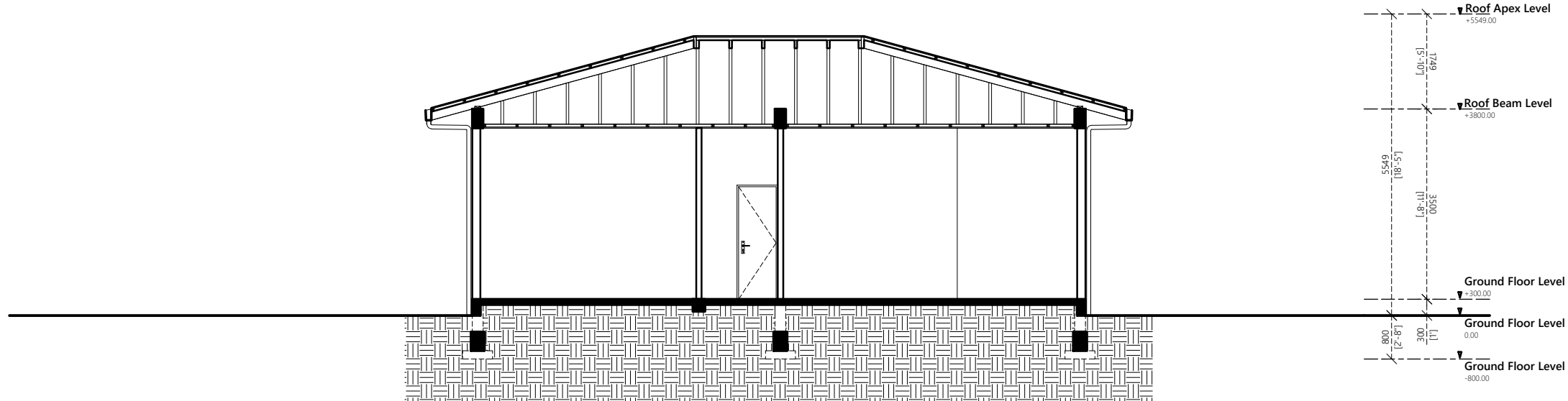
Rev:	Page:
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---	A03
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ELEVATION E1
1:100



ELEVATION E2
1:100



SECTION X-X
1:100

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Rev: Page:
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--- **A04**
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Door ID	D1	D2	D3	D4	Door ID	GT
Plan view					Plan view	
Elevation view					Elevation view	
FFL					FFL	
Frame material	Solid timber Varnished	Aluminum powder coated	Solid timber Varnished	Solid timber Varnished	Frame material	Steel gate frame
Panel material	Solid core timber varnished	Aluminum powder coated with glass panels	Solid core timber varnished	Solid core timber varnished	Panel material	Steel frame with steel panels as shown on elevation view
Openable area	1.63	4.08	2.3	1.42	Quantity	2nos
Door ID	W1	W2	W3			
Plan view						
Elevation view						
FFL						
Frame material	Aluminium Black Powder Coated	Aluminium Black Powder Coated	Aluminium Black Powder Coated			
Panel material	Reflective Glass	Reflective Glass	Reflective Glass			
Openable area	2.88	2.88	0.41			

General Notes:

Dimensions shown on DWG indicate effective openings of frame

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

All wooden 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

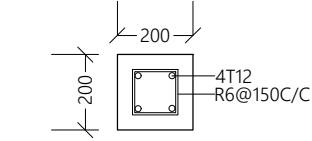
Hinges shall confirm to

- Door size more than 700X1900mm
WD: 125mm X2 sets
SD: 150mm X3 sets
- Door size less than 700X1900mm
WD: 100mm X2 sets
SD: 125mm X2 sets

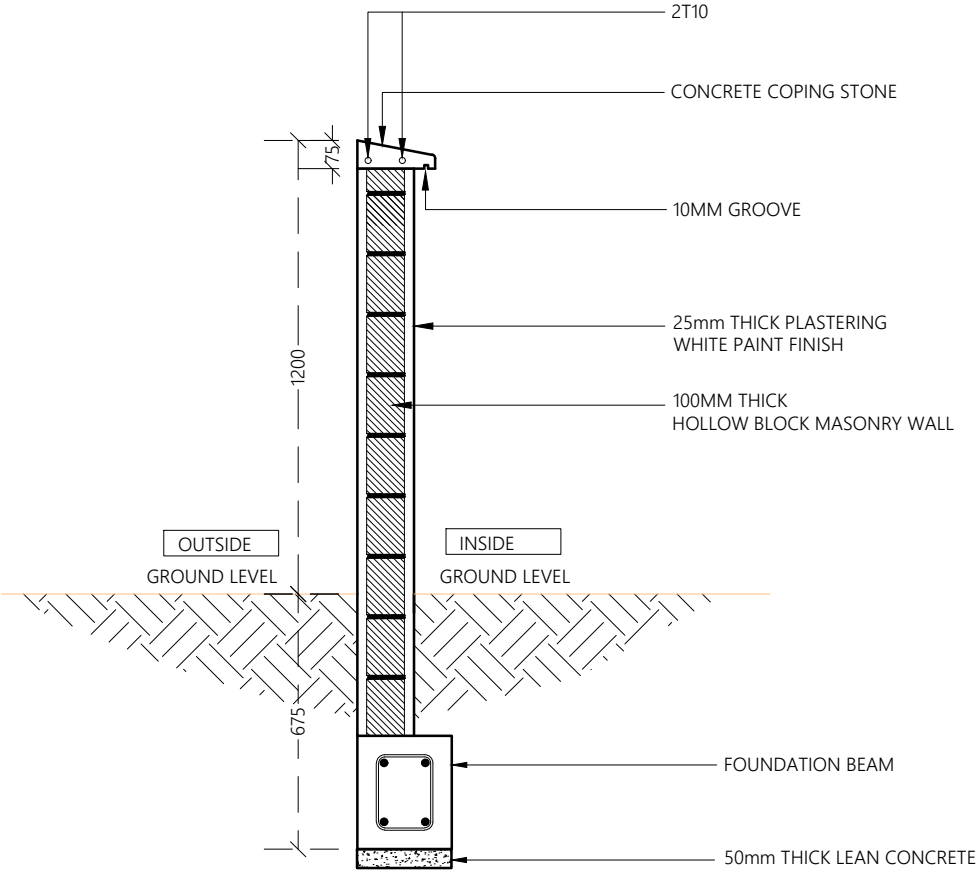
Locks shall be cylindrical with master key sets

Door knobs shall be 1000mm above FFL

DOOR AND WINDOW SCHEDULE 01



BOUNDARY WALL COLUMN @ maximum distance 5000mm C/C



TYPICAL BOUNDARY WALL DETAIL

1:20

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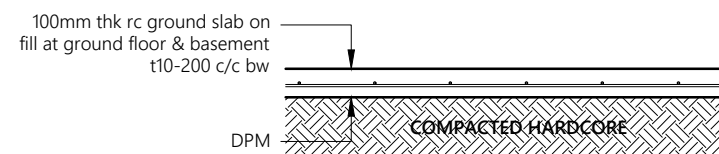
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Rev:	Page:
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---	A06A
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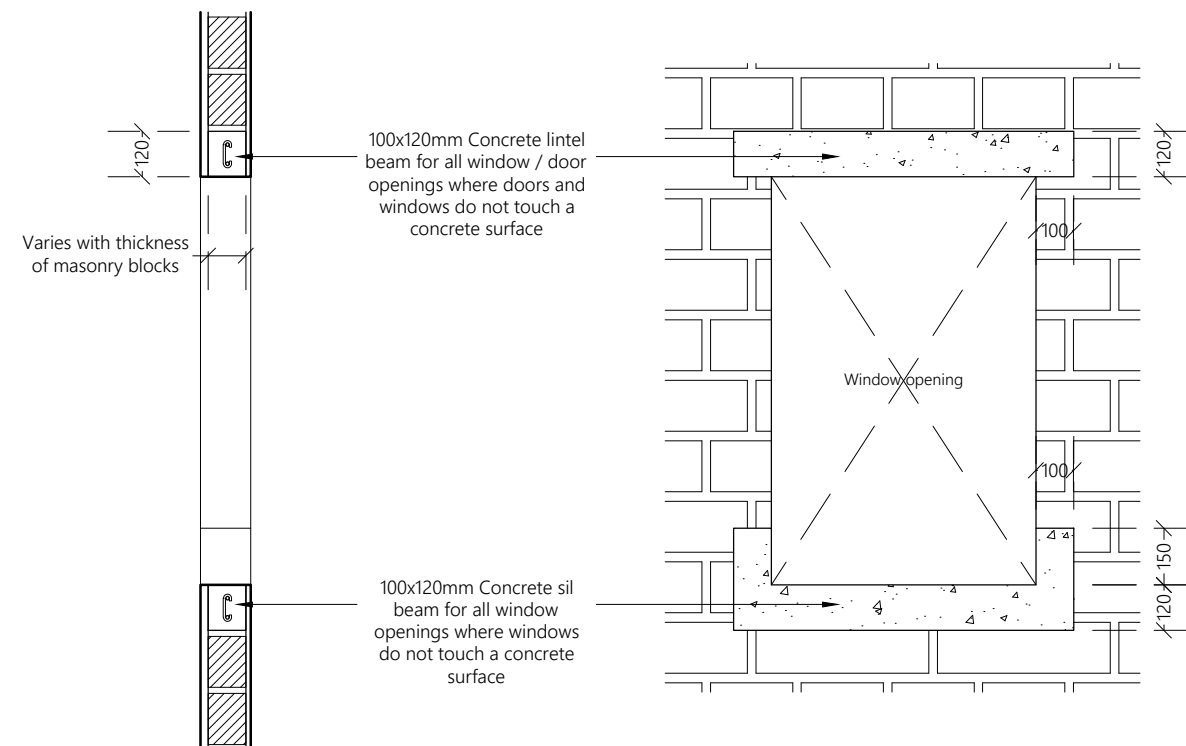


Note:

- 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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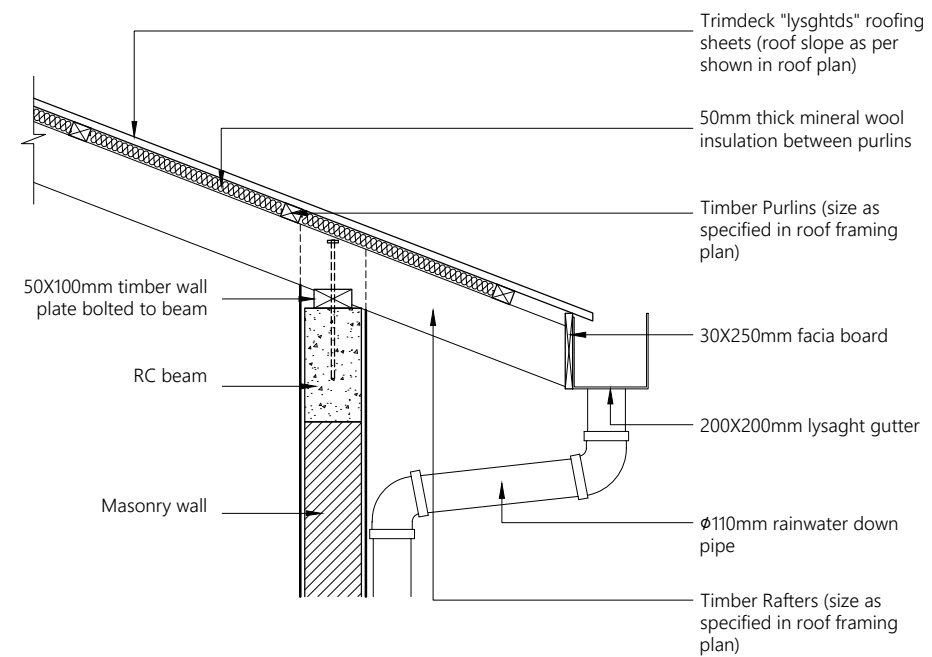
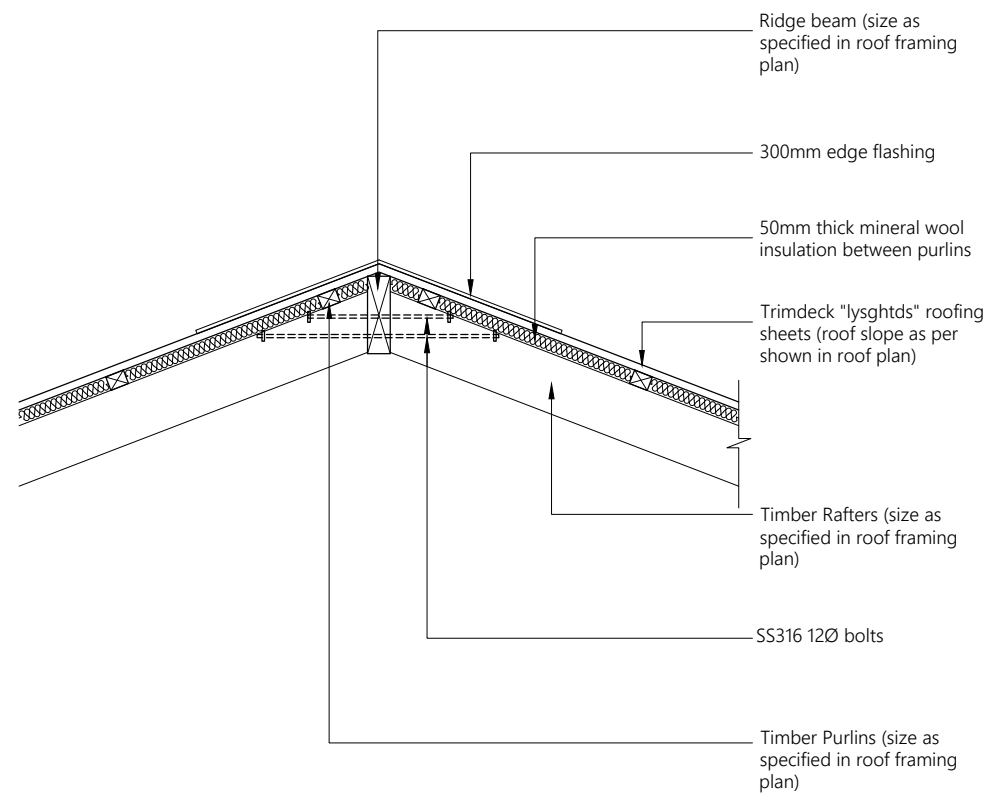
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Rev:	Page:
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---	A06B
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TYPICAL ROOF DETAIL

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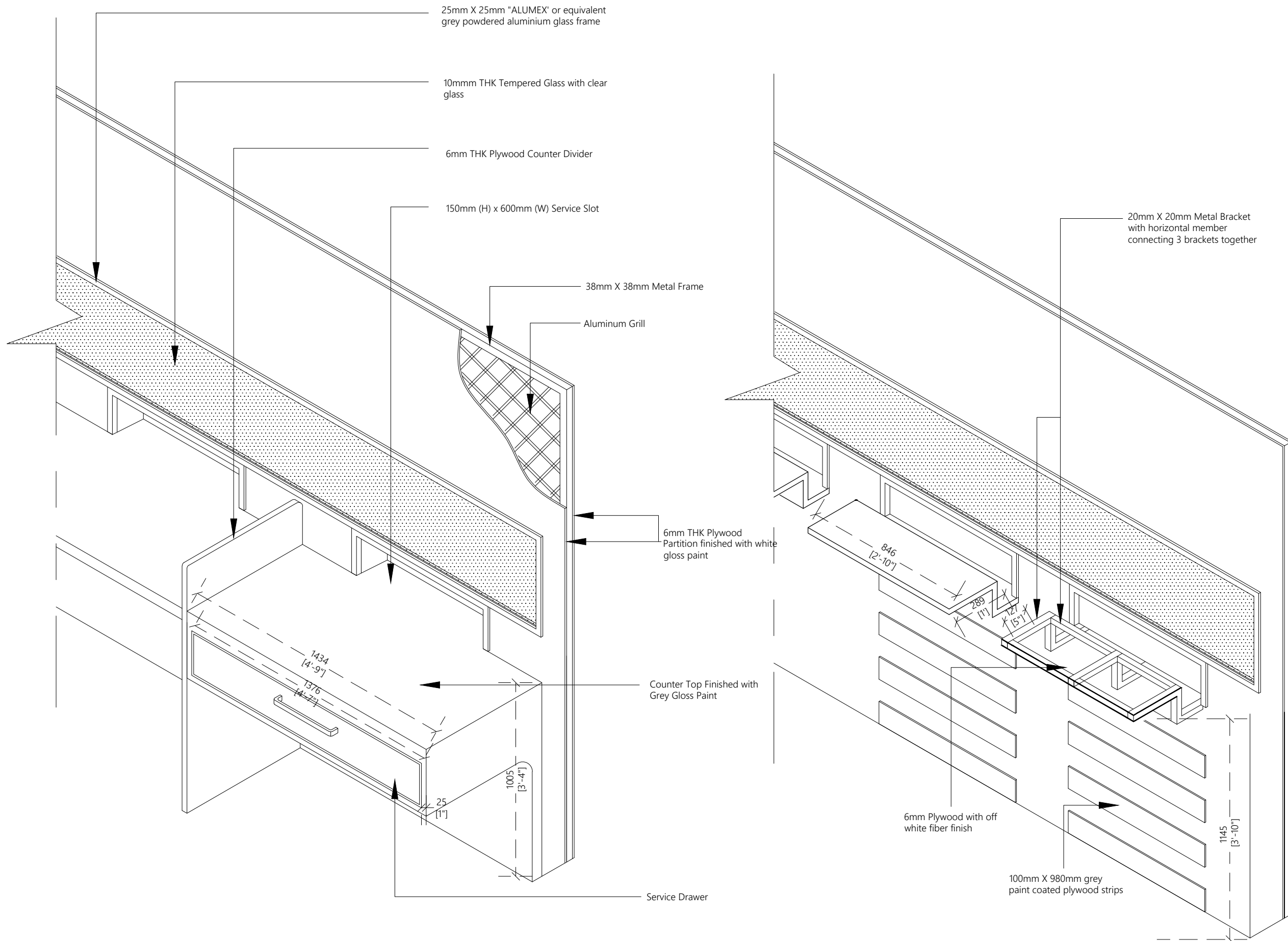
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Rev:	Page:
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---	A08
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COUNTER DETAIL

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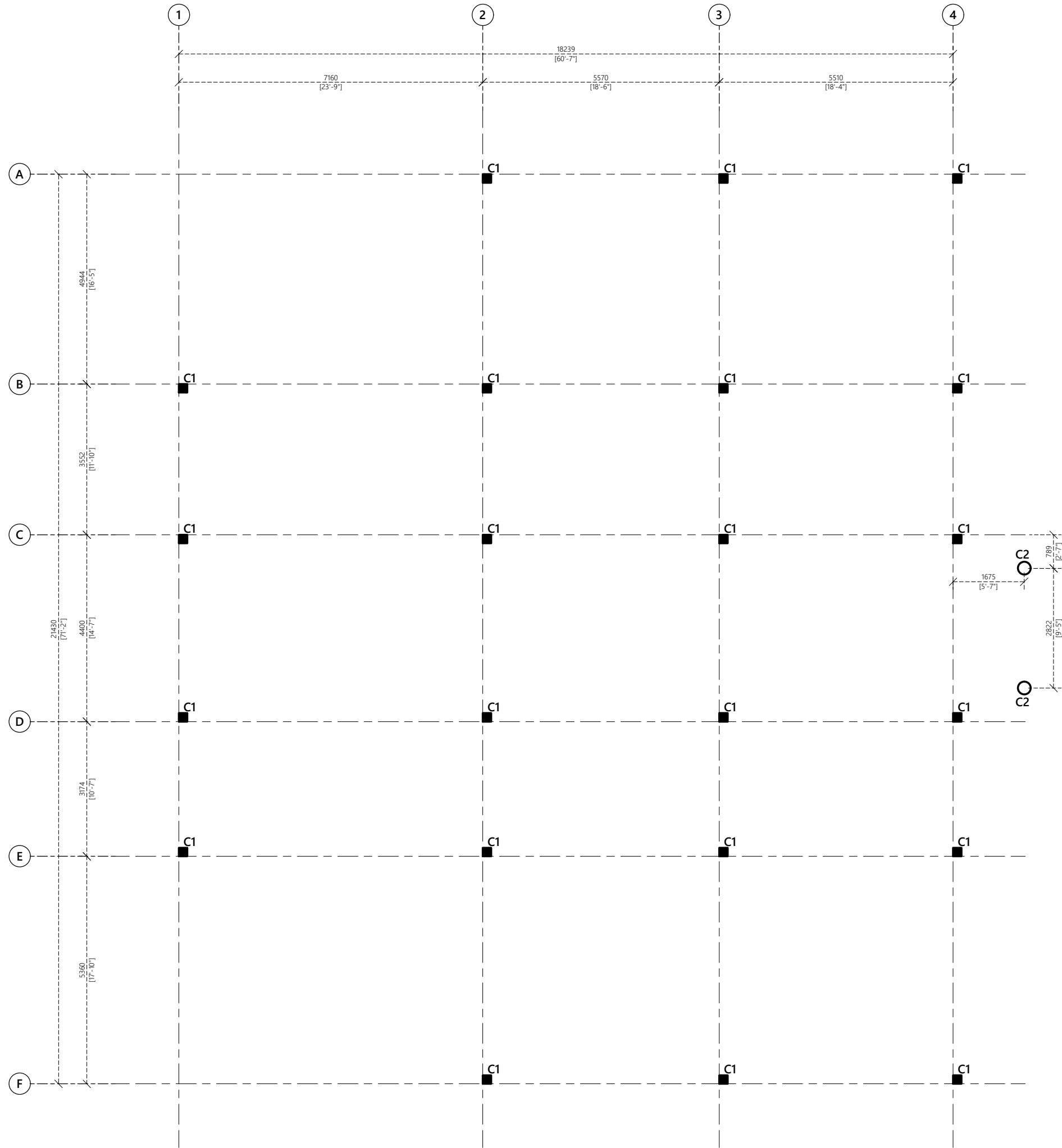
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Rev:	Page:
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COLUMN LAYOUT

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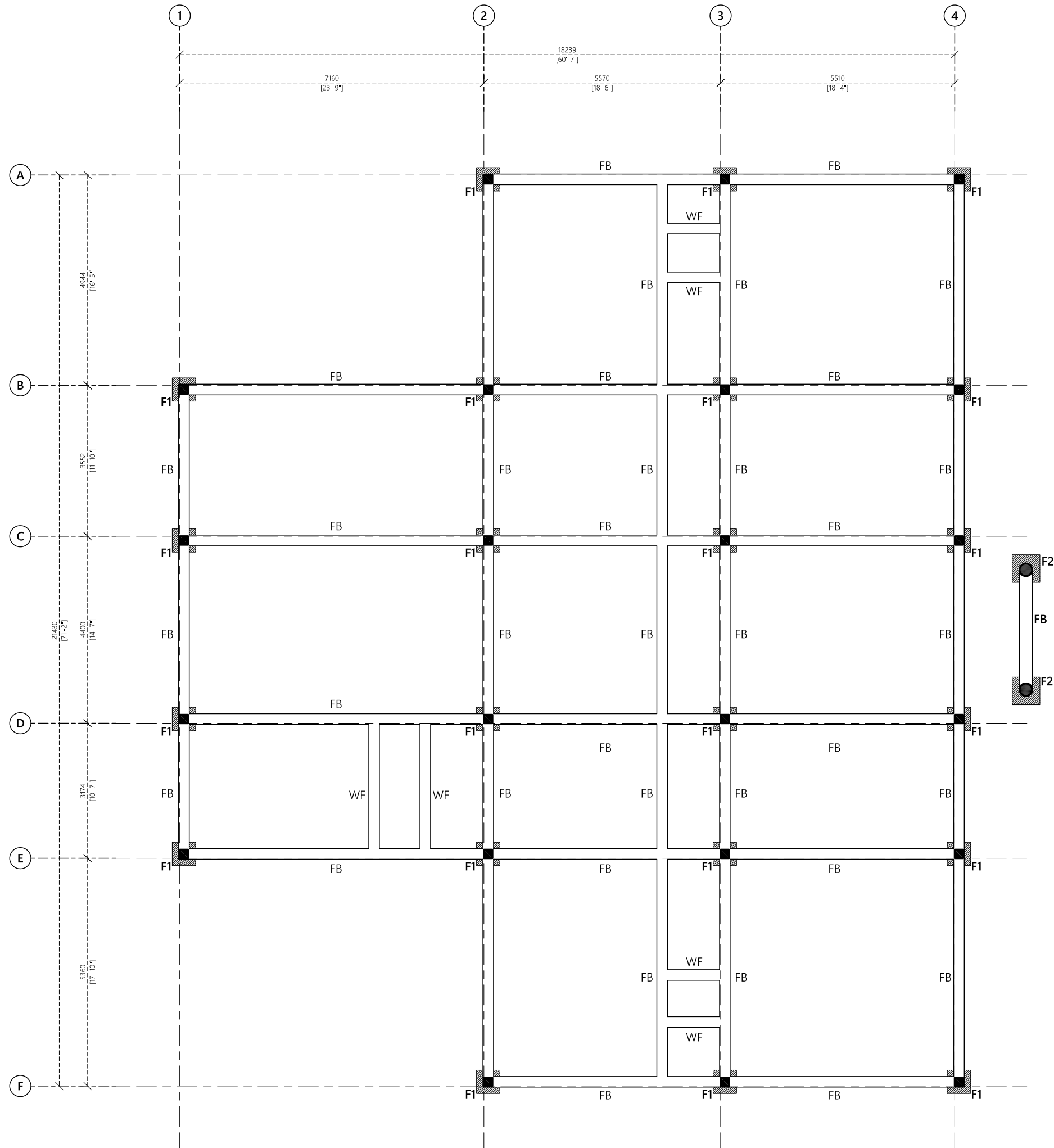
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Rev:	Page:
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---	A10
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Notes:
Foundation Depth: 800mm
F1 - 550 x 550 x 150 - T10@200C/C B/W (B)
F2 - 650 x 650 x 150 - T10@ 200C/C B/W (B)

FOUNDATION PLAN

1:100

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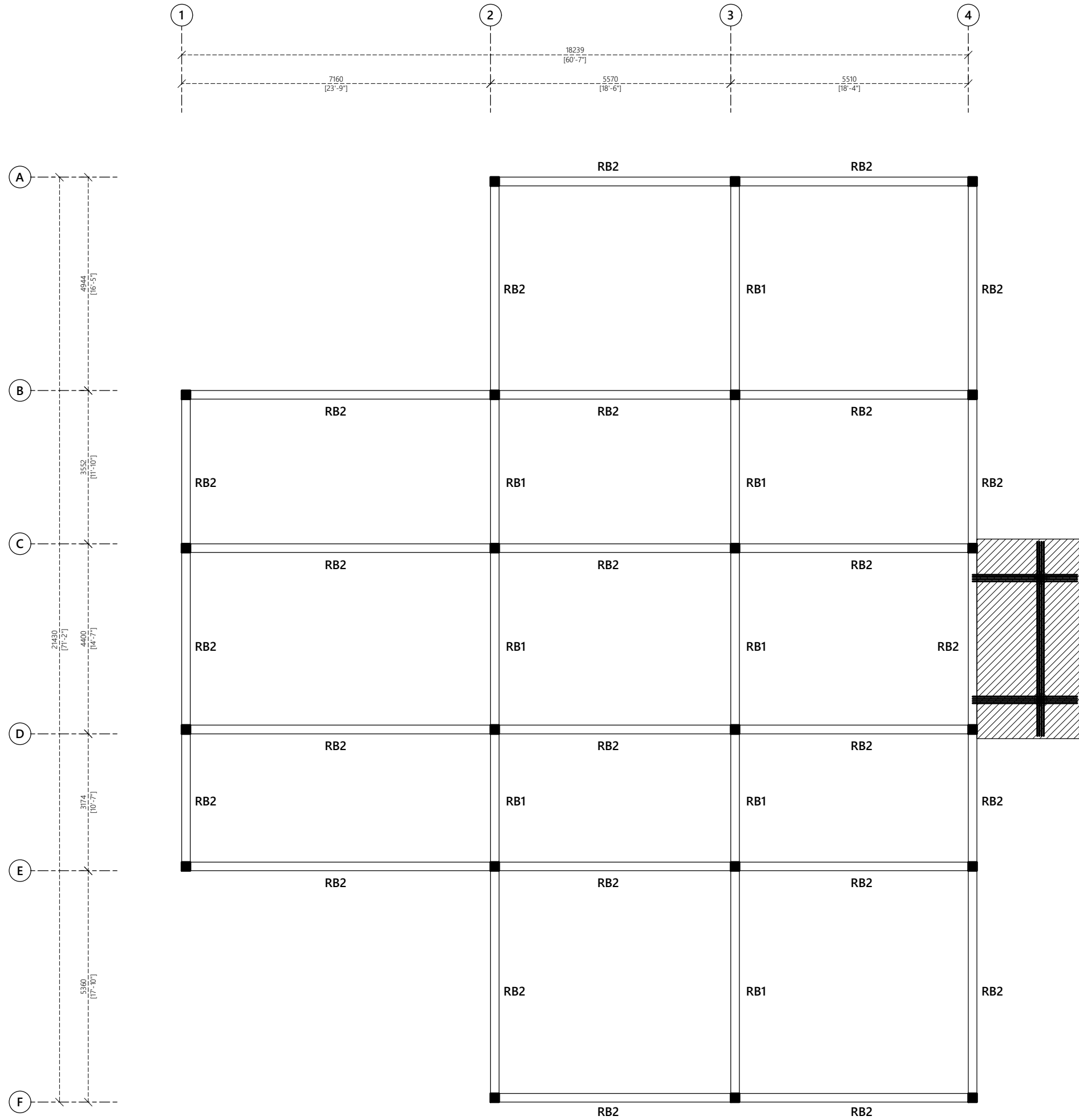
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Rev:	Page:
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---	A11



NOTES:

Slab thickness: 135mm C/C
Bottom reinforcement: T10@150 C/C
b/w (not shown)
Top reinforcement: T10@150 C/C (as shown)
Top distribution : T10@150 C/C (unless stated)

Slab thickness: 150mm c/c
Top & bottom reinforcement: T10@75 C/C b/w t&b

ROOF BEAM PLAN

1:100

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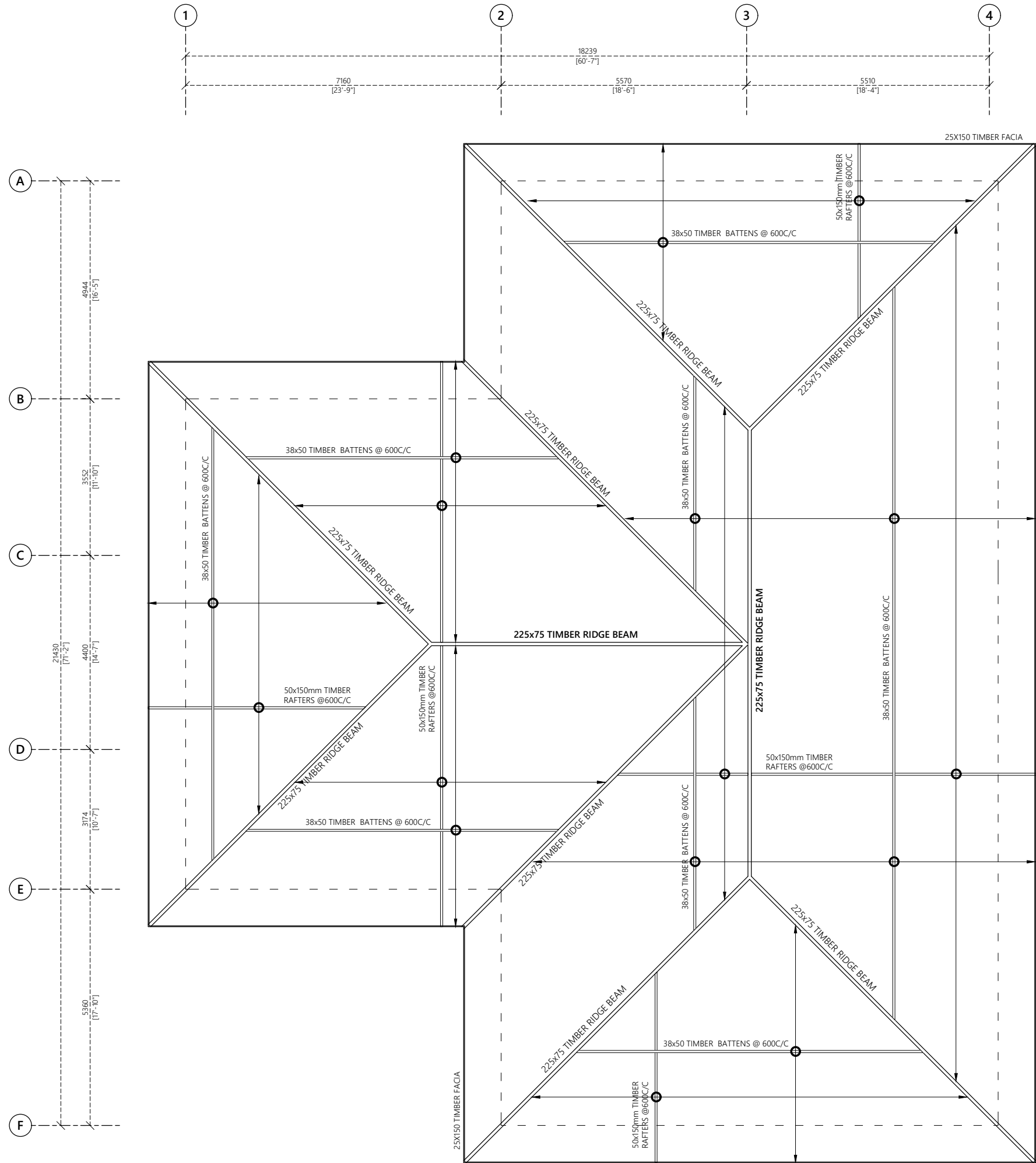
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ROOF FRAMING PLAN

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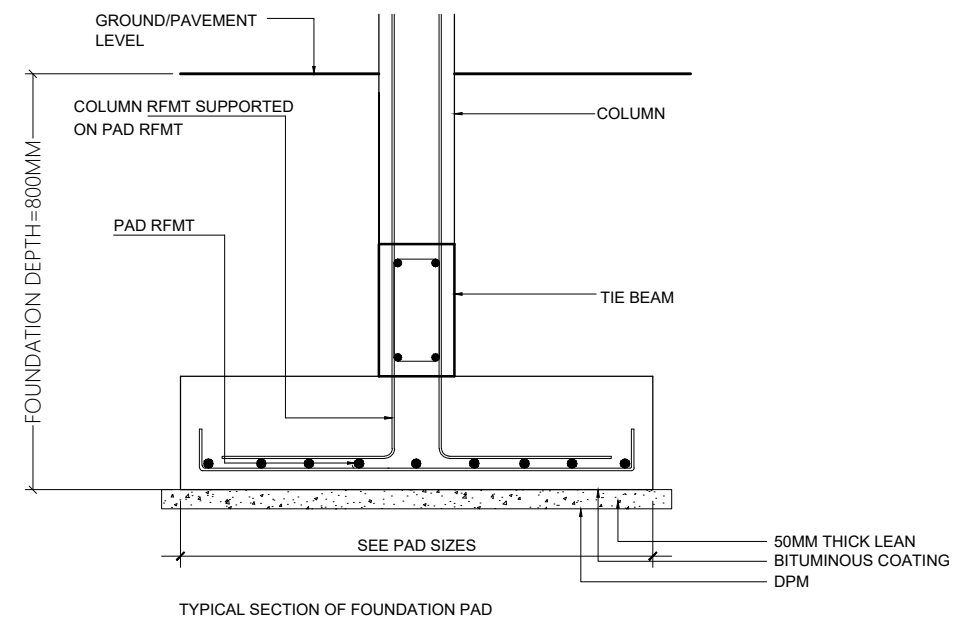
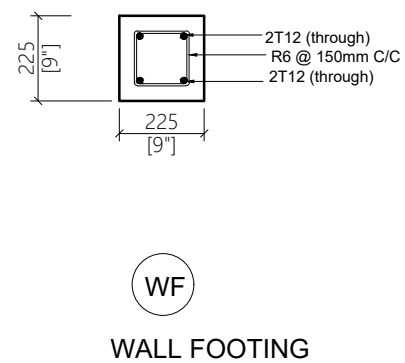
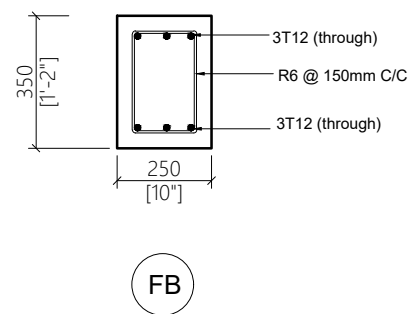
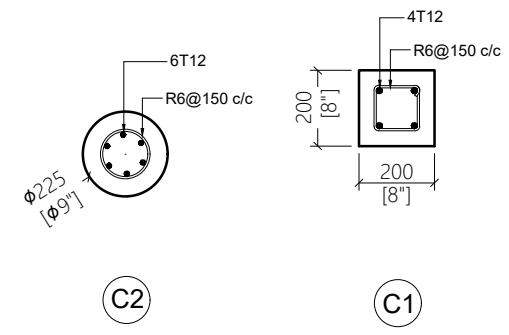
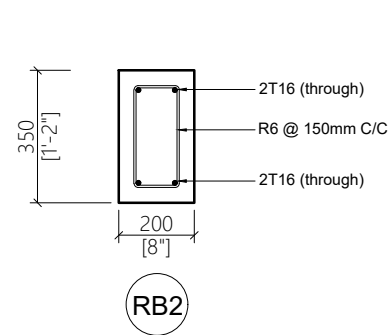
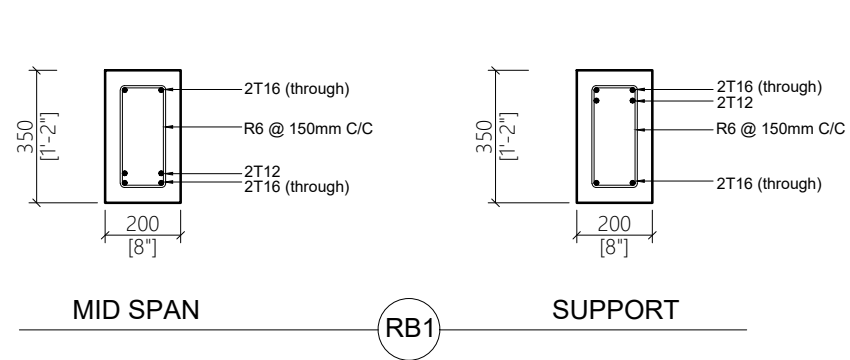
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A13



STRUCTURAL DETAILS

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Page: **A14**