

ARCHITECTURAL AND STRUCTURAL DRAWINGS OF

PROPOSED SINGLE STOREY BUILDING AT

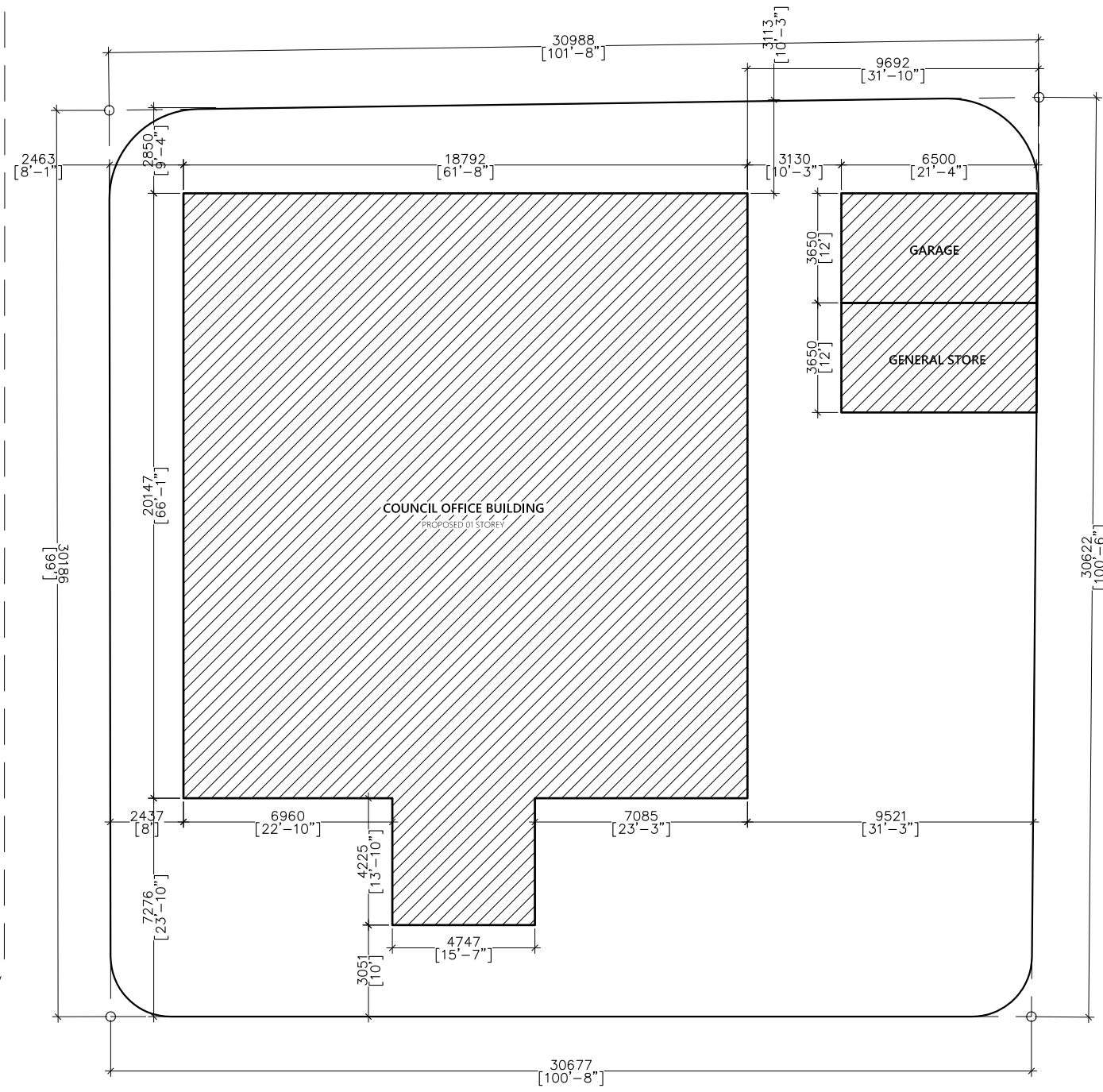
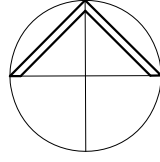
COUNCIL BUILDING

HA. MURAIIDHOO

(AMENDMENT DRAWINGS)

For Local Government Authority

NORTH



SITE PLAN

1:200

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)

Project Number: A/2023/038
 Date: 18 June 2023
 Architect: ABDUL WAHID MOHAMED
 Engineer: ISMAIL RAFFEU
 Drawn by: NASHIED
 Interior: -

Rev no	Date	General Notes:
-	-	-
-	-	-
-	-	-



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 Ground floor, M. Salar Highway,
 Sabudheli Magu, Male*

Title:
 SITE PLAN
 Page: A - 01/07

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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: 816)
- 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

Proposed Single Storey Building at Council Building Client: Local Government Authority (LGA)

Project Number: A/2023/038
 Date: 18 June 2023
 Architect: ABDUL WAHID MOHAMED
 Engineer: ISMAIL RAFFEU
 Services: NASHHEED
 Interior: -

General Notes:
 Rev no: -
 Date: -
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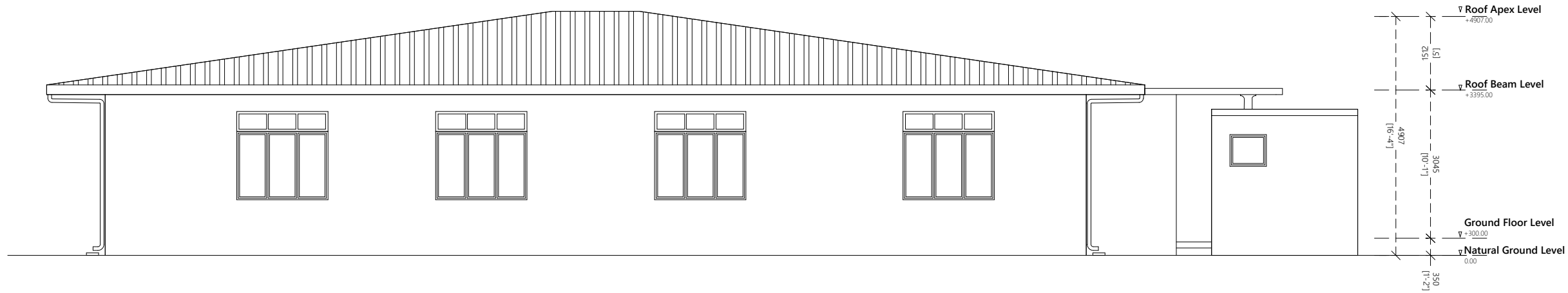
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 FLOOR PLAN

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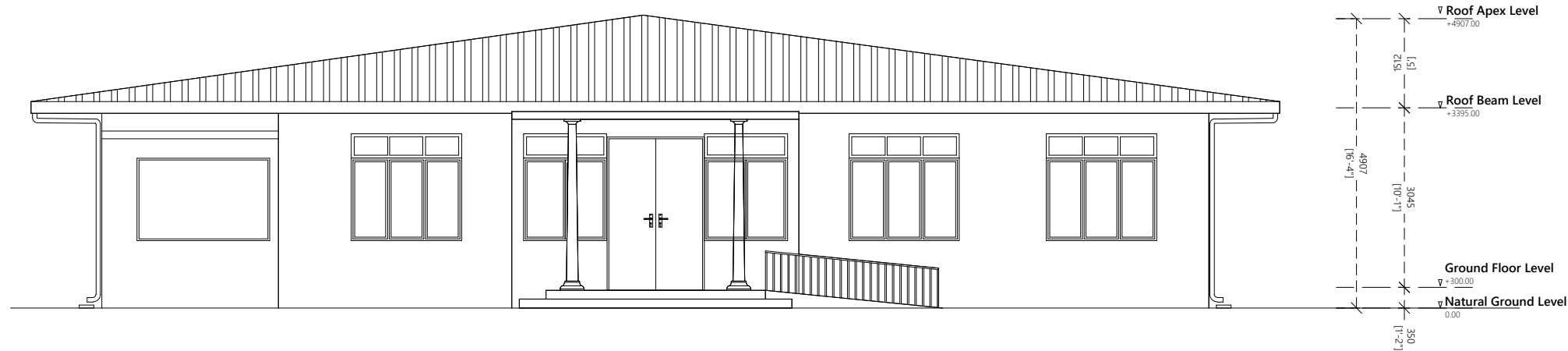
GROUND FLOOR PLAN AMENDMENTS

1:100



ELEVATION E1

1:100



ELEVATION E2

1:100

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)

Project Number: RI/2020/000

Date: 23 December 2020

Architect: MARIYAM IRASHA SHAREEF

Engineer: MOHAMED YASBIQ ISMAIL

Services: -

Interior: -

General Notes:

Rev no

Date



RIYAN PRIVATE LIMITED

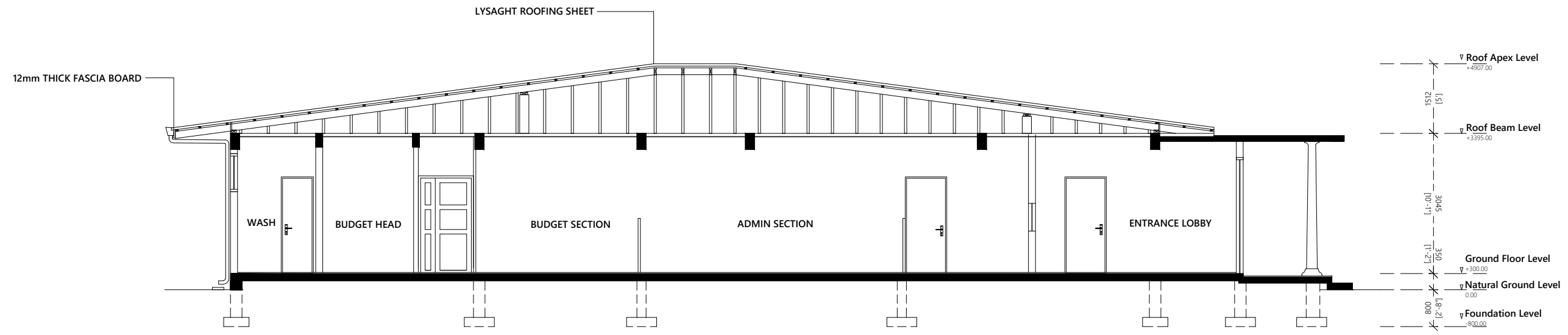
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Title:

Elevation E1 & E2

Page: A-04/07

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Proposed Single Storey Building at Council Building
 Client: Local Government Authority (LGA)

Project Number: RI/2020/000
 Date: 23 December 2020
 Architect: MARIYAM IRASHA SHAREEF
 Engineer: MOHAMED YASBIQ ISMAIL
 Services: -
 Interior: -

Rev no	Date	General Notes
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SECTION X-X

1:100

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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
All 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

1:50

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)

Project Number: RI/2020/000
Date: 23 December 2020
Architect: MARIVAM IRASHA SHAREEF
Engineer: MOHAMED YASBIQ ISMAIL
Services: -
Interior: -



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Title: Door & Window Schedule 1
Page: A-06/07

Rev no	Date	General Notes:

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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
All dor panel thicknesses are 35mm
All window panel thickness are 25mm
All 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:-
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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

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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 02

1:50

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)

Project Number: RI/2020/000
Date: 23 December 2020

Architect: MARIYAM IRASHA SHAREEF

Engineer: MOHAMED YASBIQ ISMAIL

Services: -
Interior: -

Rev no

Date

General Notes:



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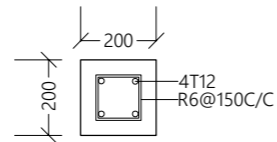
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Title:

Door & Window
Schedule - 2

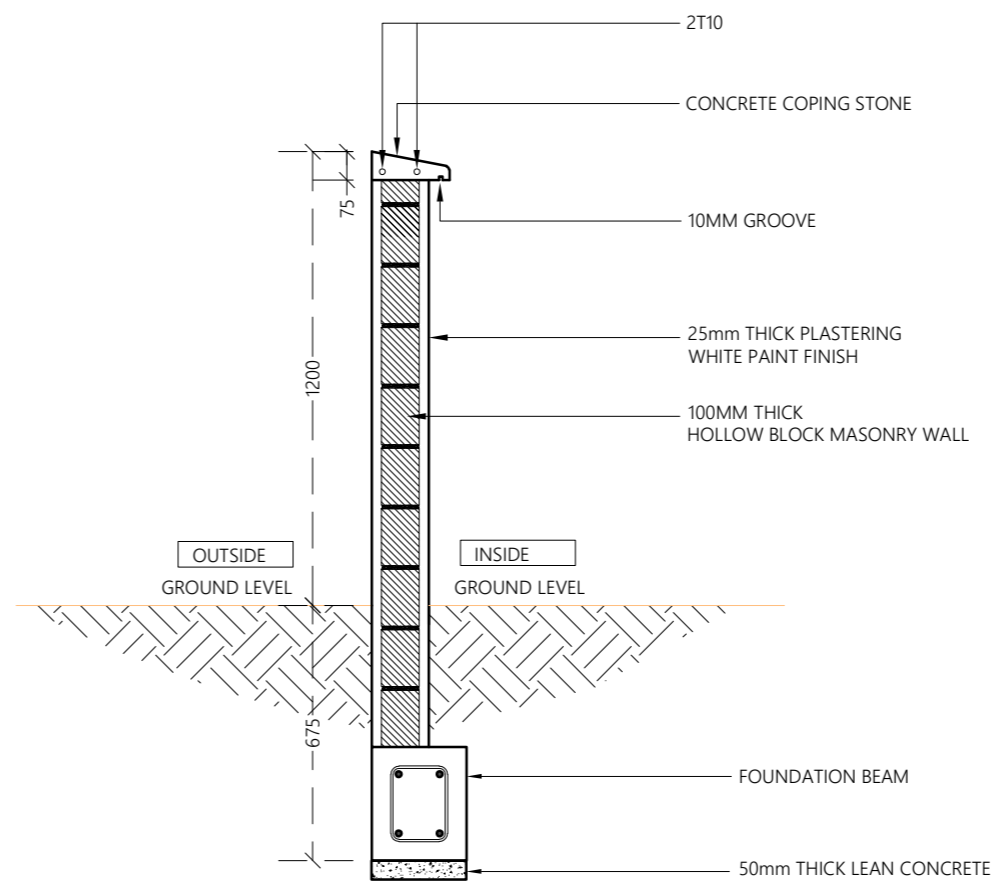
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BC

BOUNDARY WALL COLUMN @ maximum distance 5000mm C/C



PROPOSED 01 STOREY BUILDING AT
**SINGLE STOREY
COUNCIL OFFICE**

Sub Title:
COUNCIL PSI PROJECT

Client:
**LOCAL GOVERNMENT
AUTHORITY**

December 2019

Architect: **Mohamed Hassaan**
Engineer: **Ihsaan Waheed**
Drawn By: **Hussain Maathin**

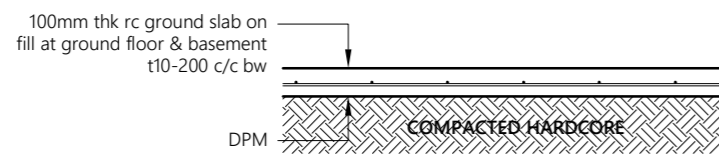


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TYPICAL BOUNDARY WALL DETAIL

1:20

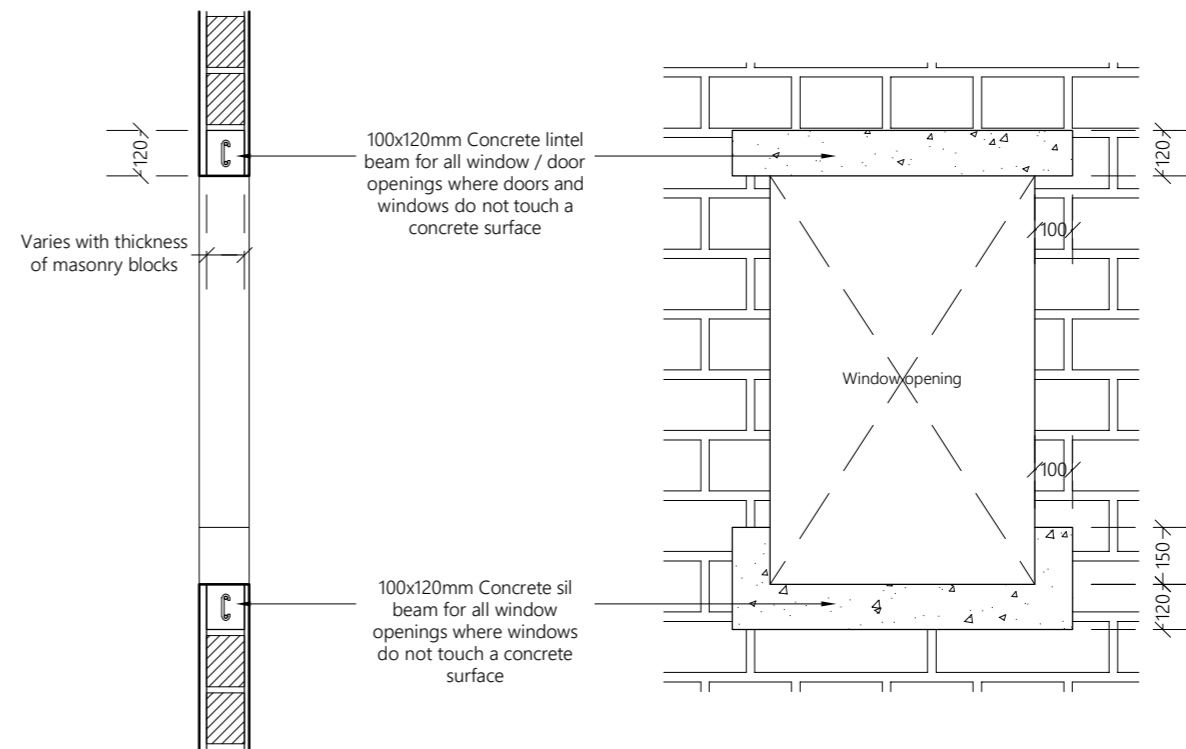


Note:

- 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

**PROPOSED 01 STOREY BUILDING AT
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COUNCIL OFFICE**

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Client:
**LOCAL GOVERNMENT
AUTHORITY**

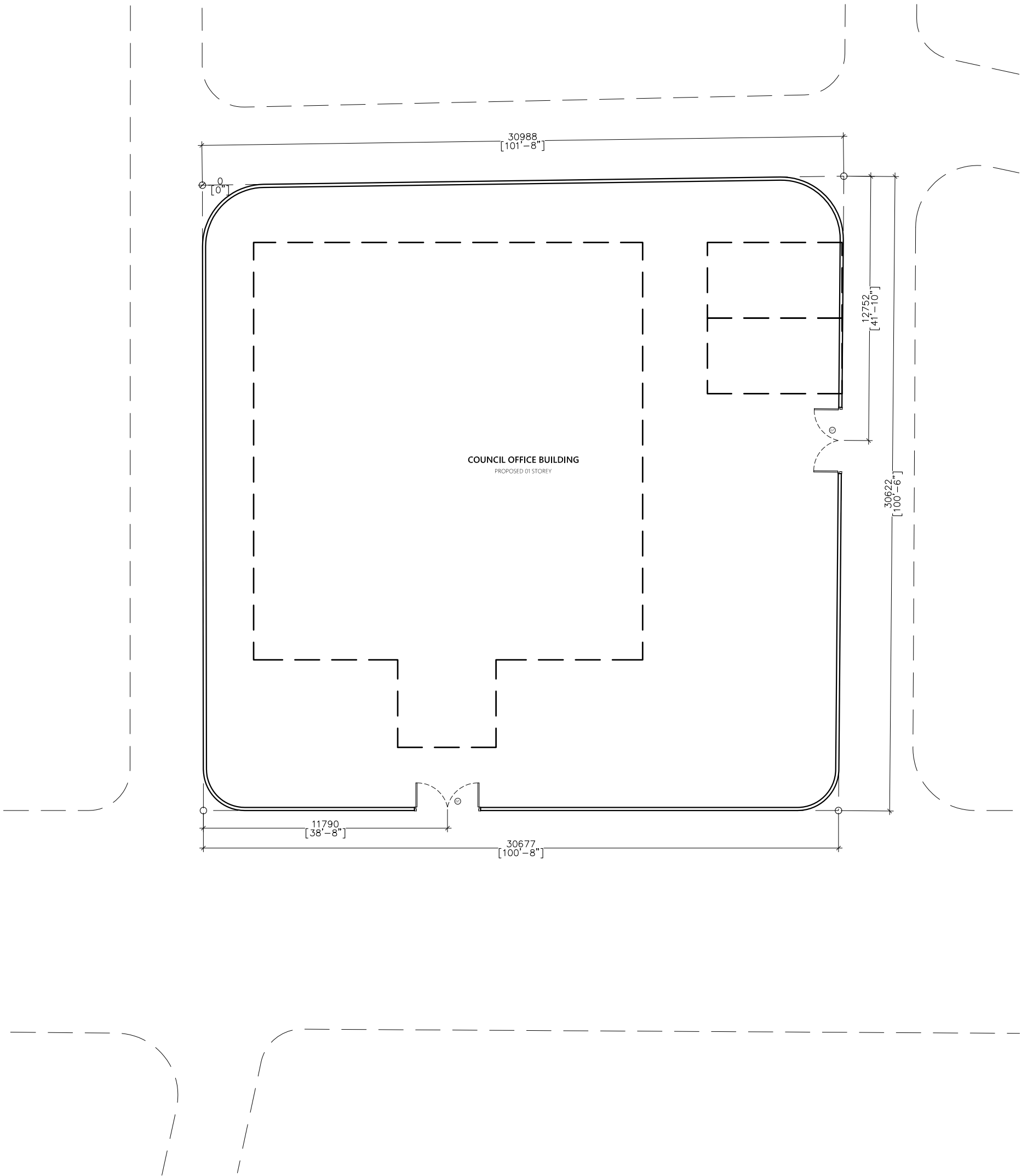
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Architect: **Mohamed Hassaan**
Engineer: **Ihsaan Waheed**
Drawn By: **Hussain Maathin**



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BOUNDARY WALL LAYOUT

1:200

Proposed Single Storey Building at Council Building
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Date: 18 June 2023	-	-	-
Architect: ABDUL WAHID MOHAMED	-	-	-
Engineer: -	-	-	-
Drawn by: ISMAIL RAFFEU	-	-	-
Services: NASHIED	-	-	-
Interior: -	-	-	-

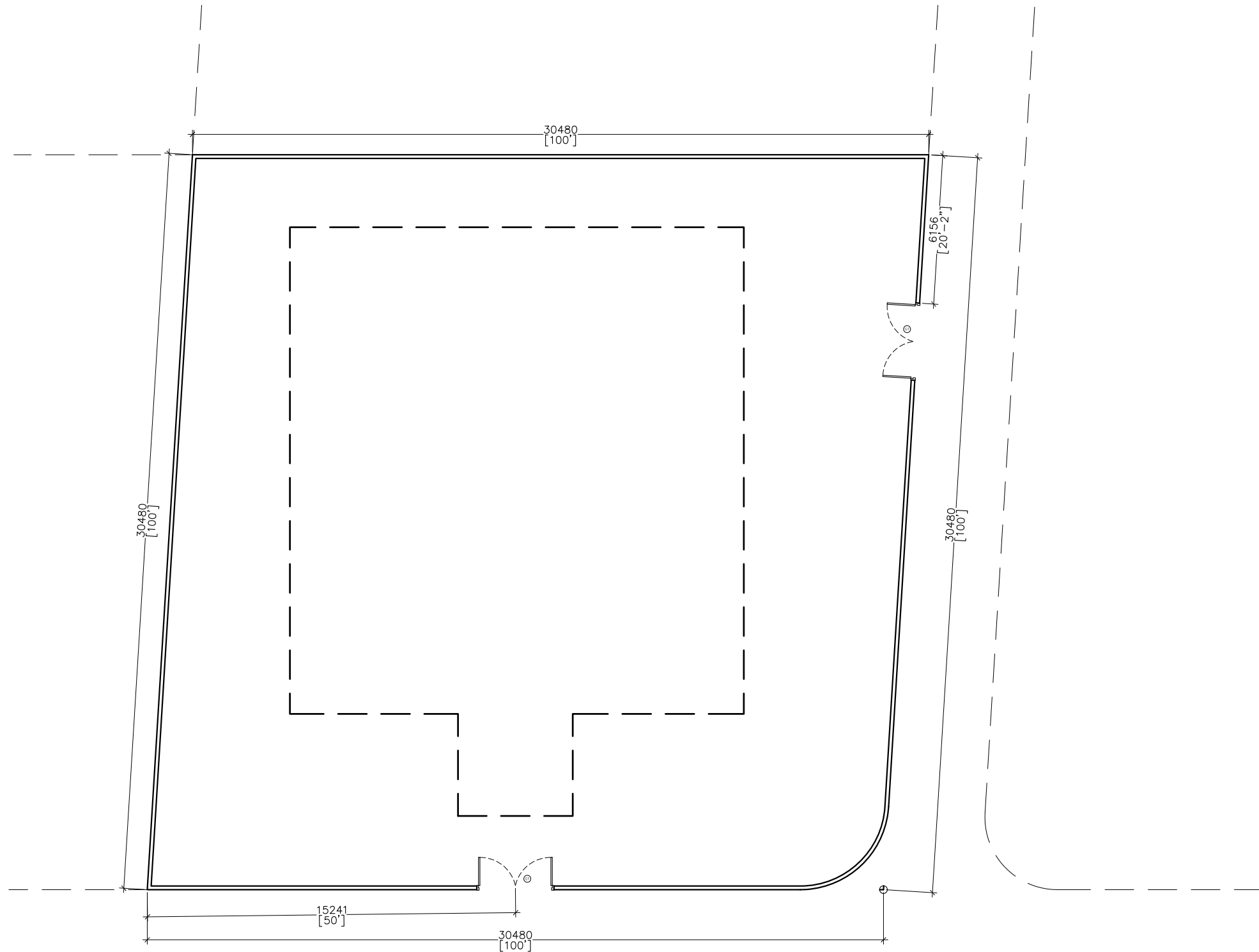


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Title:
 BOUNDARY WALL

Page: A - 07C

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MAIN ROAD

BOUNDARY WALL LAYOUT

1:200

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)

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 Architect: ABDUL WAHID MOHAMED
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 Interior: -

Rev no	Date	General Notes:
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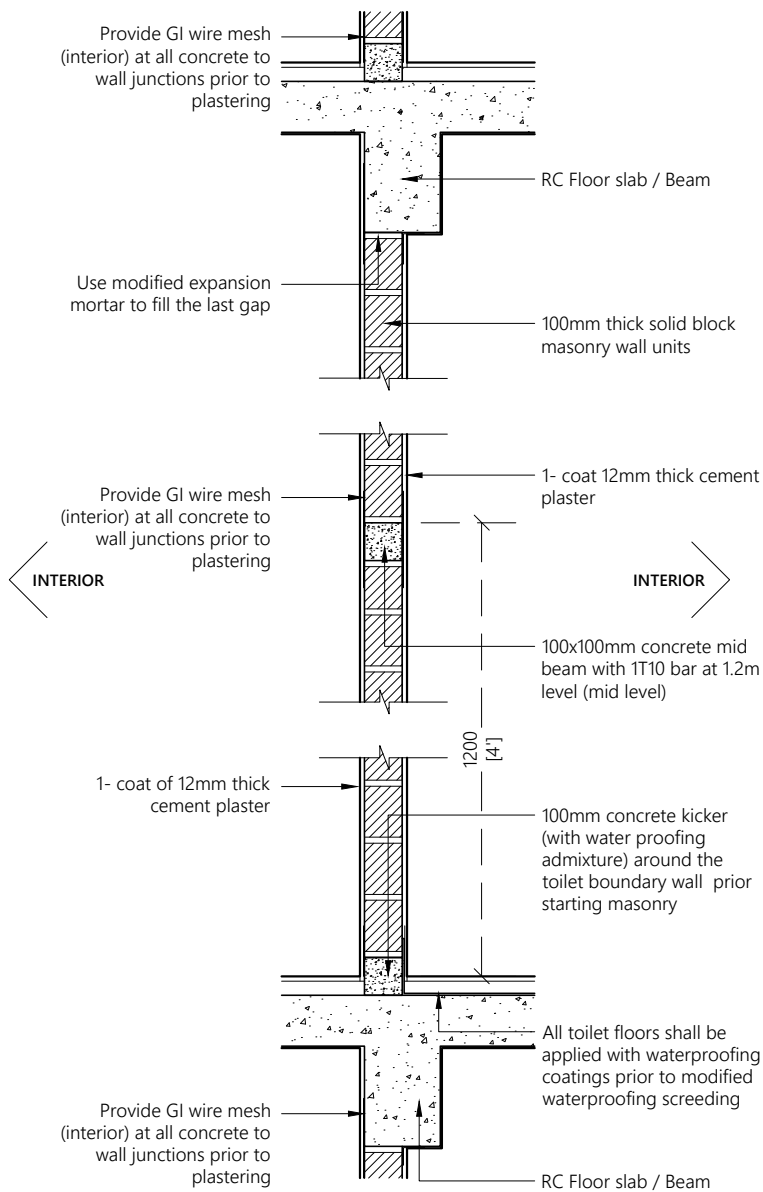
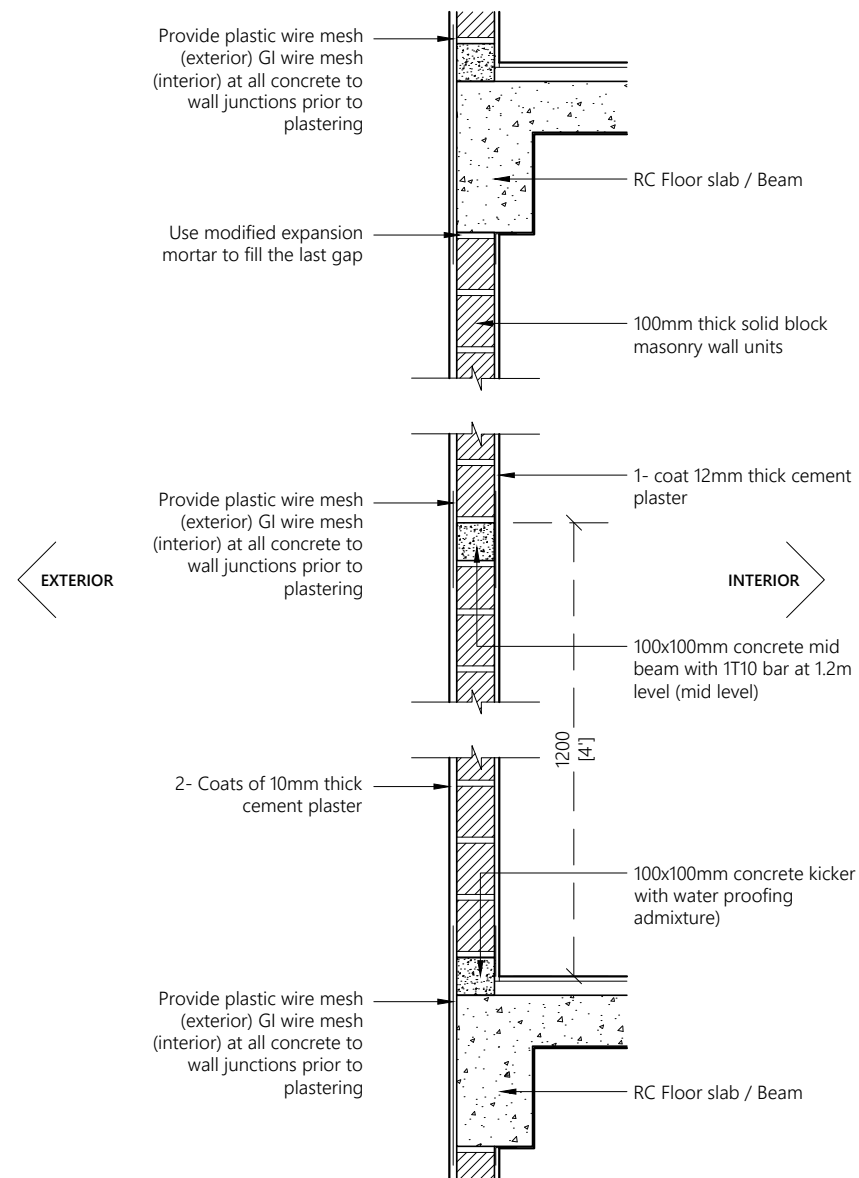


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Title:
 BOUNDARY WALL

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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

PROPOSED 01 STOREY BUILDING AT
SINGLE STOREY COUNCIL OFFICE

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COUNCIL PSI PROJECT

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LOCAL GOVERNMENT AUTHORITY

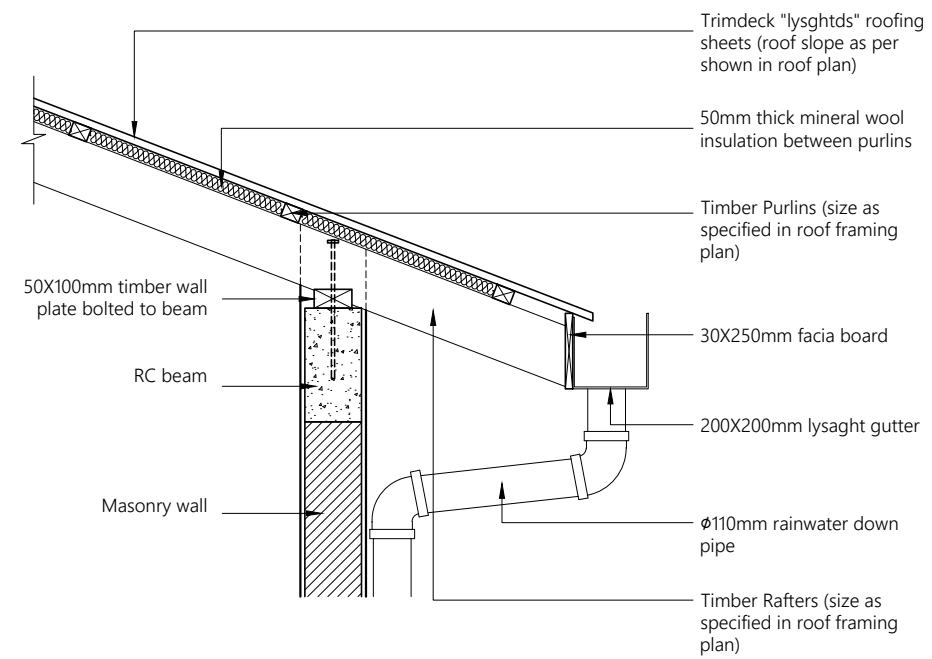
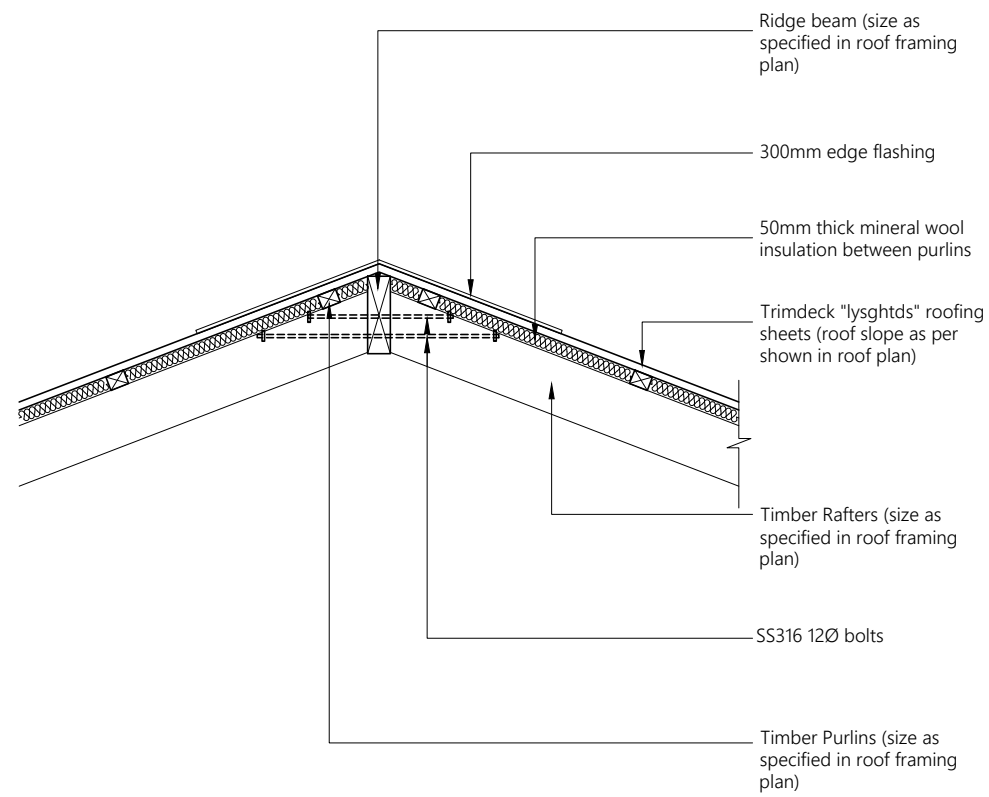
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Engineer: Ihsaan Waheed
Drawn By: Hussain Maathin



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A08



TYPICAL ROOF DETAIL

1:20

PROPOSED 01 STOREY BUILDING AT
SINGLE STOREY COUNCIL OFFICE

Sub Title:
COUNCIL PSI PROJECT

Client:
LOCAL GOVERNMENT AUTHORITY

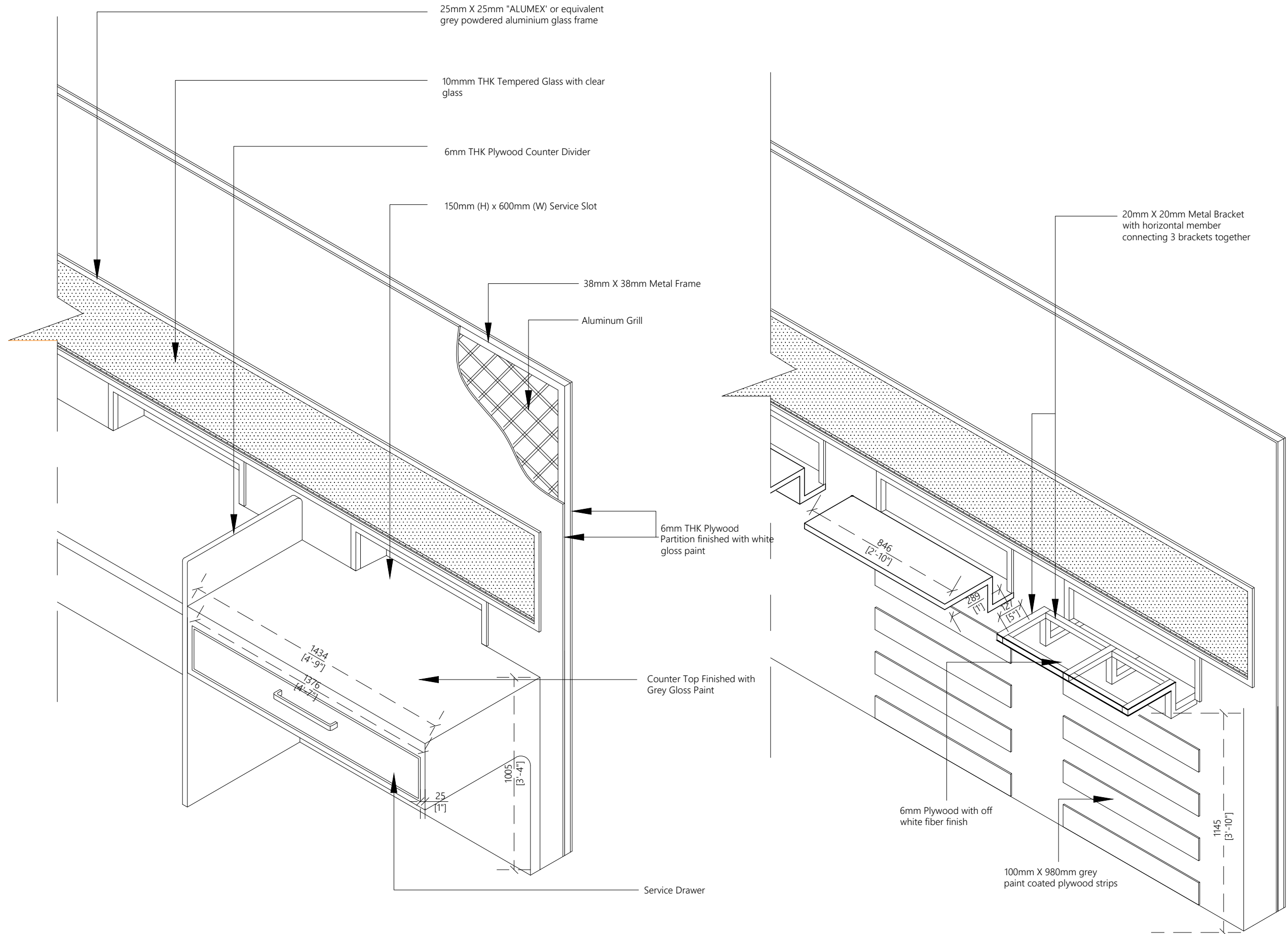
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PROPOSED 01 STOREY BUILDING AT
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LOCAL GOVERNMENT AUTHORITY

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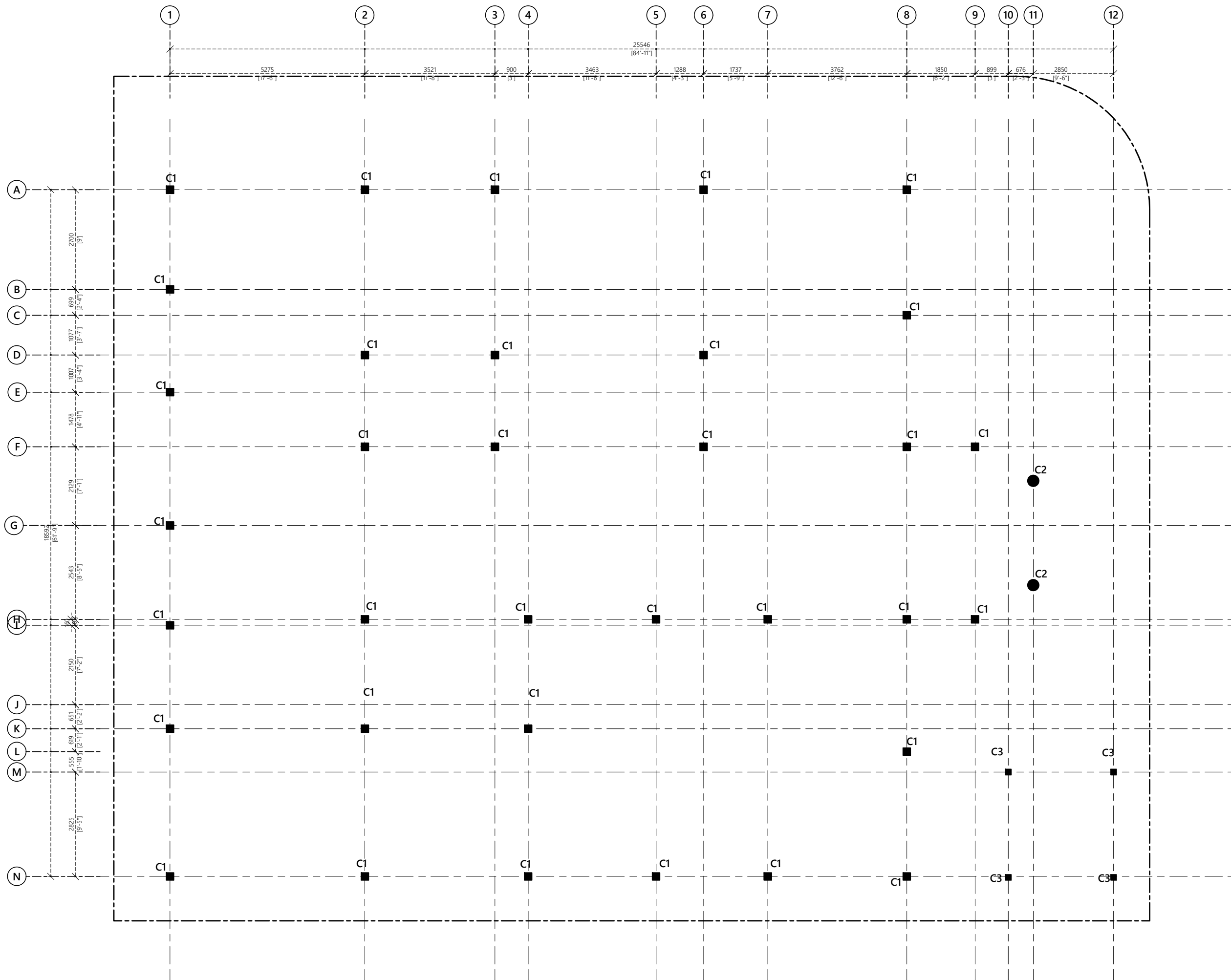
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 Drawn By: Hussain Maathin

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 A10

COUNTER DETAIL



COLUMN LAYOUT PLAN
1:100

PROPOSED 01 STOREY BUILDING AT
SINGLE STOREY COUNCIL OFFICE

Sub Title:
COUNCIL PSI PROJECT

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LOCAL GOVERNMENT AUTHORITY

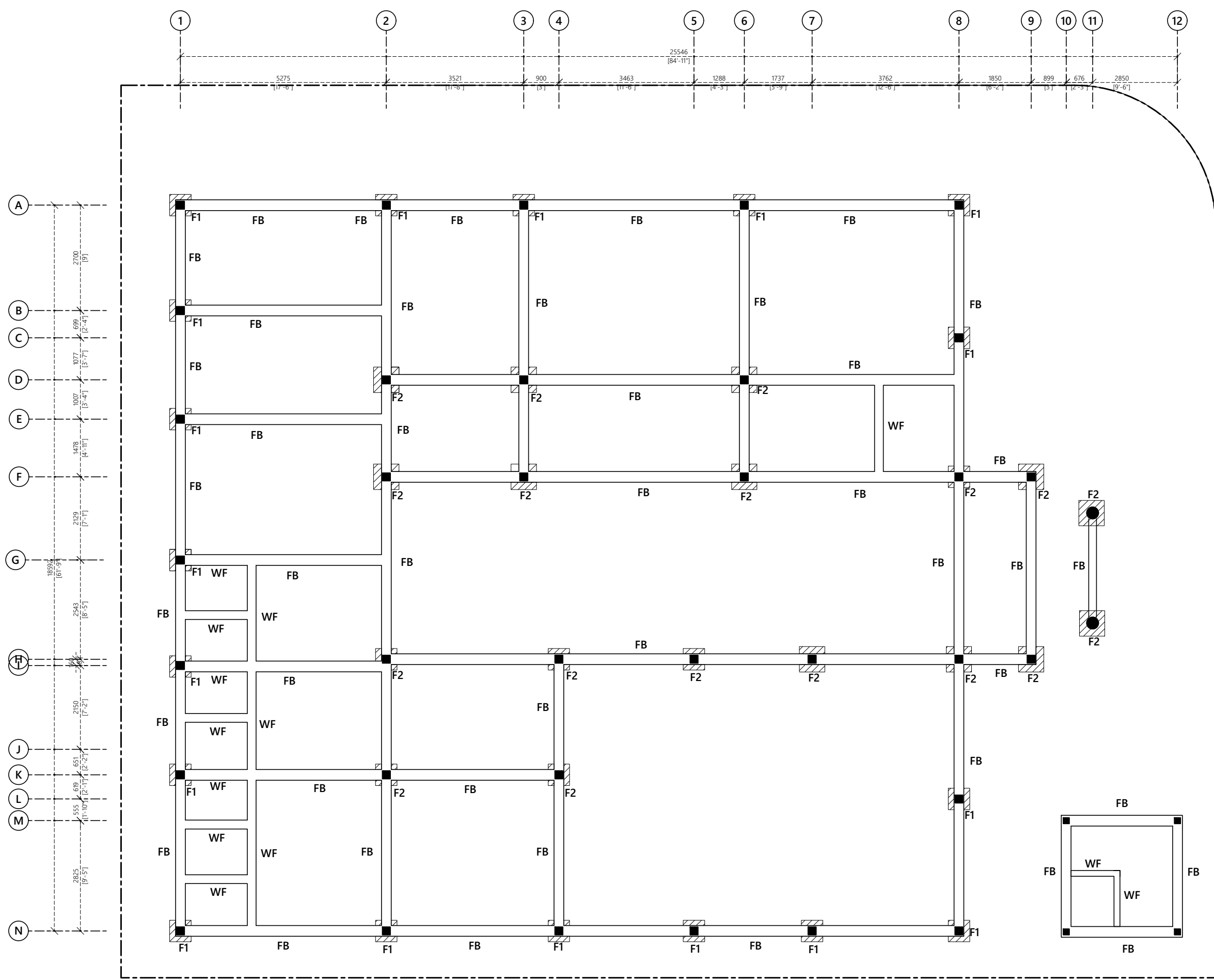
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Drawn By: Hussain Maathin

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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

PROPOSED 01 STOREY BUILDING AT
SINGLE STOREY COUNCIL OFFICE

Sub Title:
COUNCIL PSI PROJECT
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LOCAL GOVERNMENT AUTHORITY

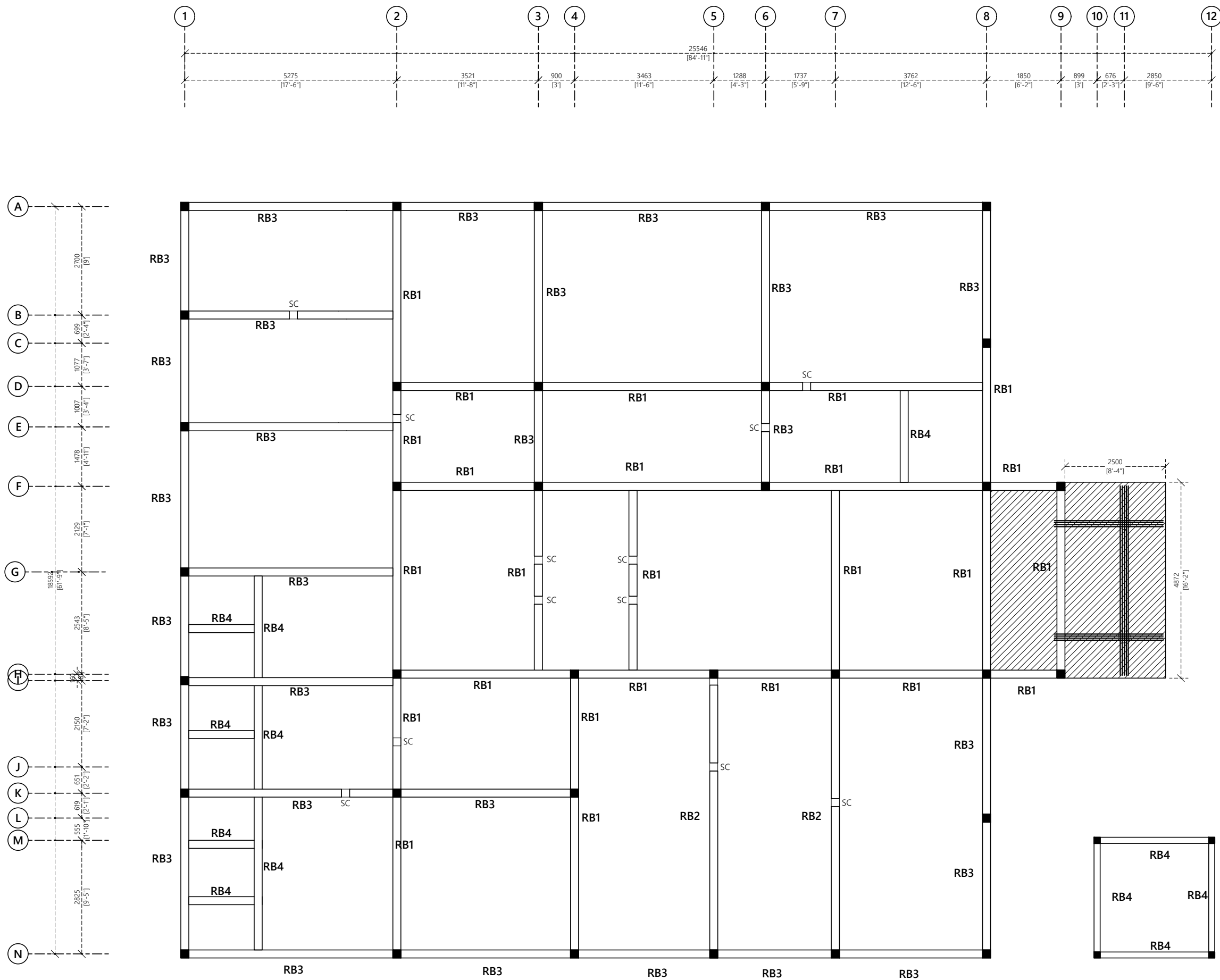
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

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 A12



- 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

PROPOSED 01 STOREY BUILDING AT
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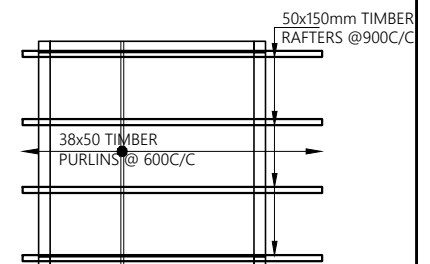
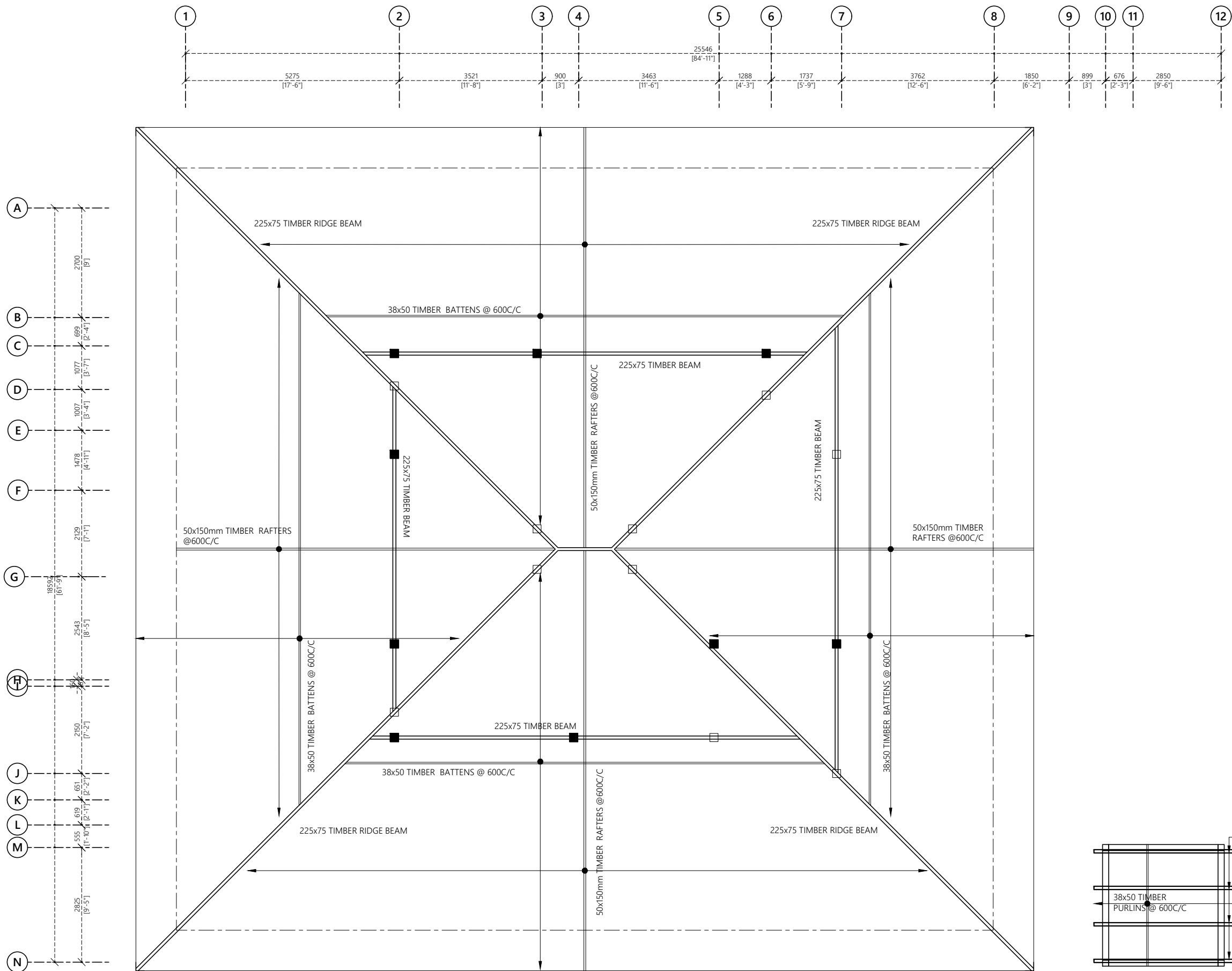
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- Notes:**
- 75 X 100 TIMBER WALL PLATE
 - 150 X 50 TIMBER RAFTERS@600C/C
 - 38 X 50 TIMBER PURLINS@600C/C
 - 225x75 TIMBER RIDGE BEAM
 - 250x30 TIMBER FACIA
 - COLUMNS EXTENDED TO SUPPORT TIMBER BEAM
 - SC (STIFFNER COLUMN PLANTED FROM ROOF BEAM)

ROOF FRAMING PLAN

1:100

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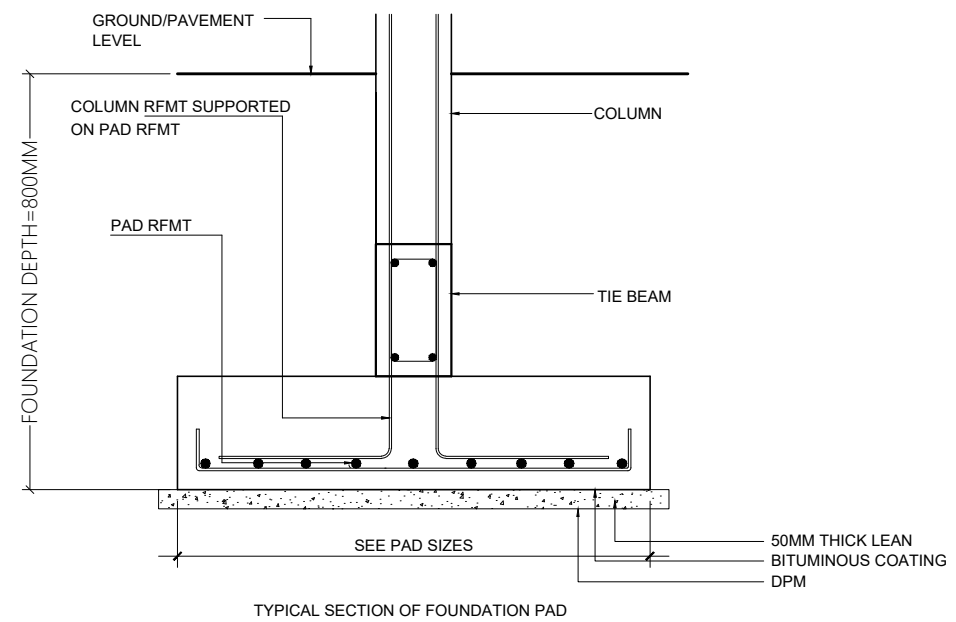
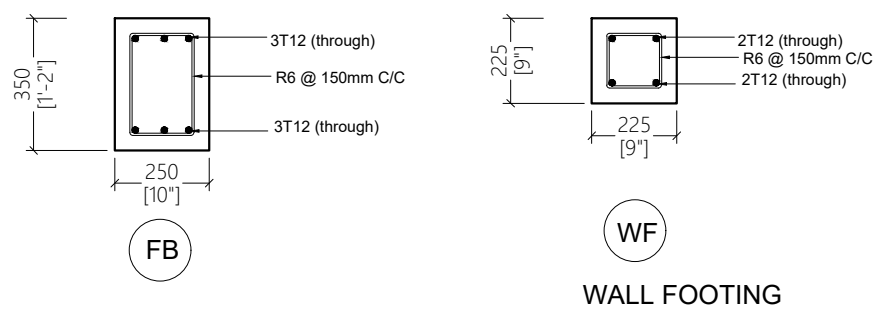
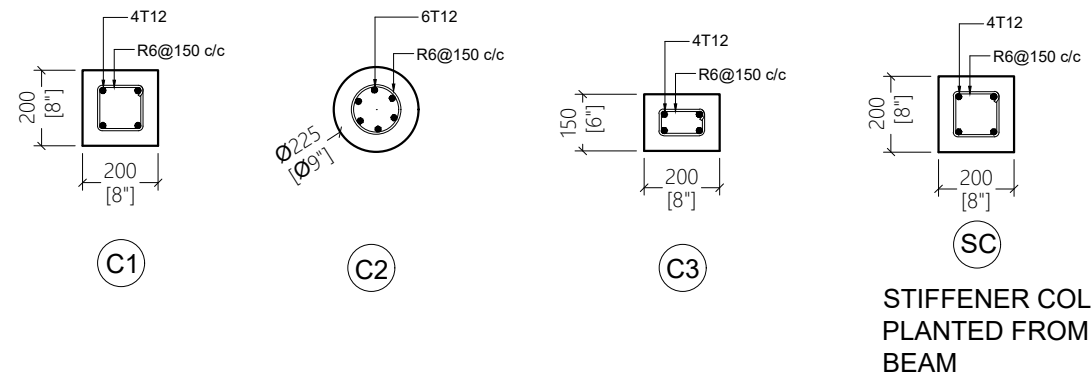
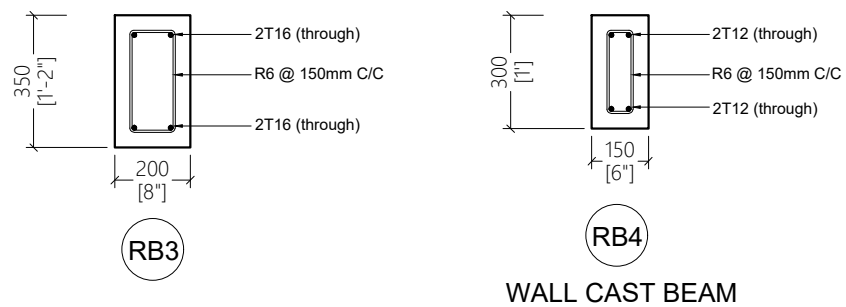
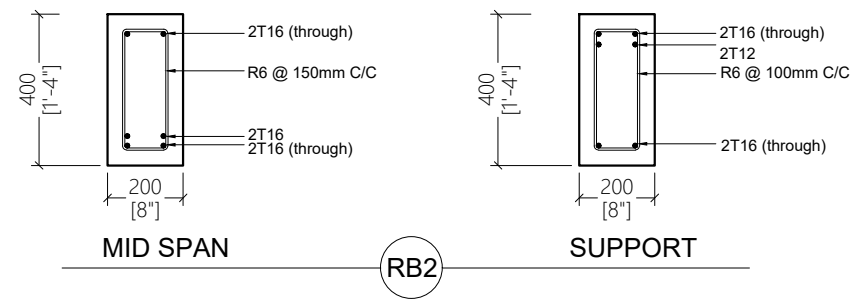
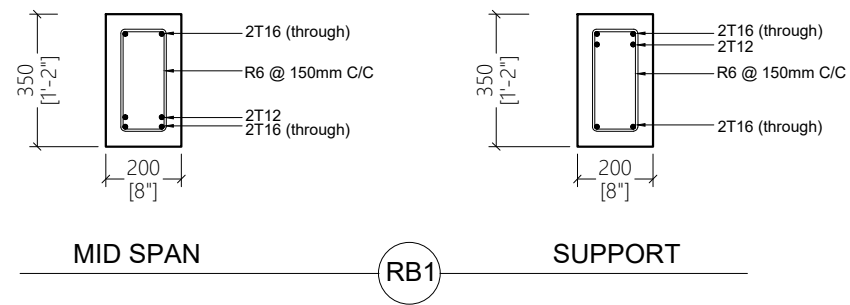
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..... **A14**



STRUCTURAL DETAILS

1:20

PROPOSED 01 STOREY BUILDING AT
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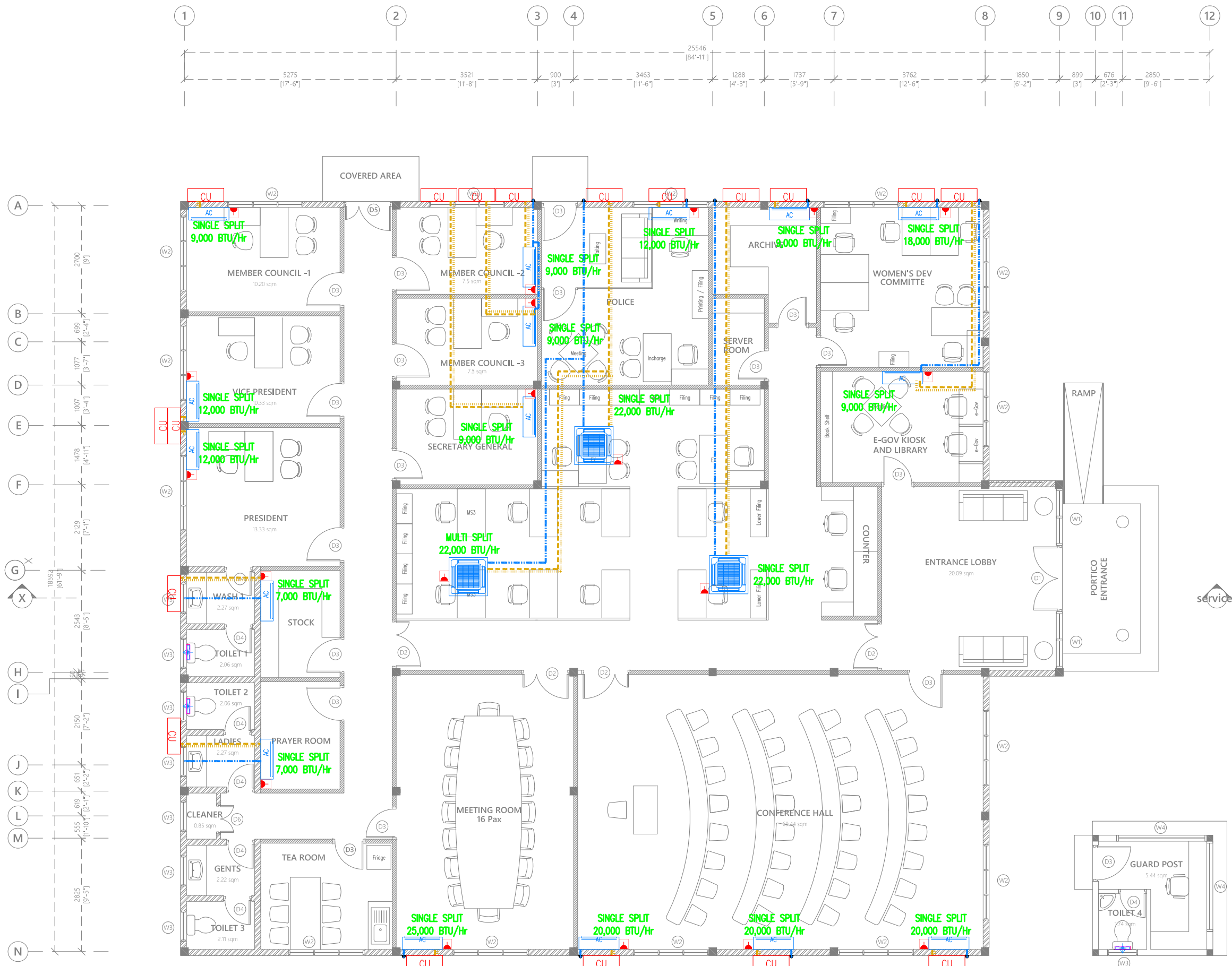
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Rev: Page:
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- Legend**
- Refrigerant Pipes
 - 250 Condensate Drain Pipe
 - 400 Condensate Drain Riser Pipe
 - Wall Mounted Exhaust Fan
 - Wall Mount Air Conditioner
 - 4-Way Cassette Air Conditioner
 - Outdoor Condensing Unit
 - 15A Switched Socket @ H.L.

Notes: -

Where Condensate Drain Pipes Are Connected To Wash Basin Or Kitchen Sink, 25 Ø Condensate Drain Pipe Is Extended In 32 Ø Flex Conduit Into 40 Ø Waste Pipe Of Respective Basin Or Sink

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)

Rev no	Date	General Notes:
1	18 June 2023	
2		
3		

Project Number: A/2023/038
 Architect: ABDUL WAHID MOHAMED
 Engineer: ISMAIL RAFFEU
 Services: NASHEED
 Interior: -



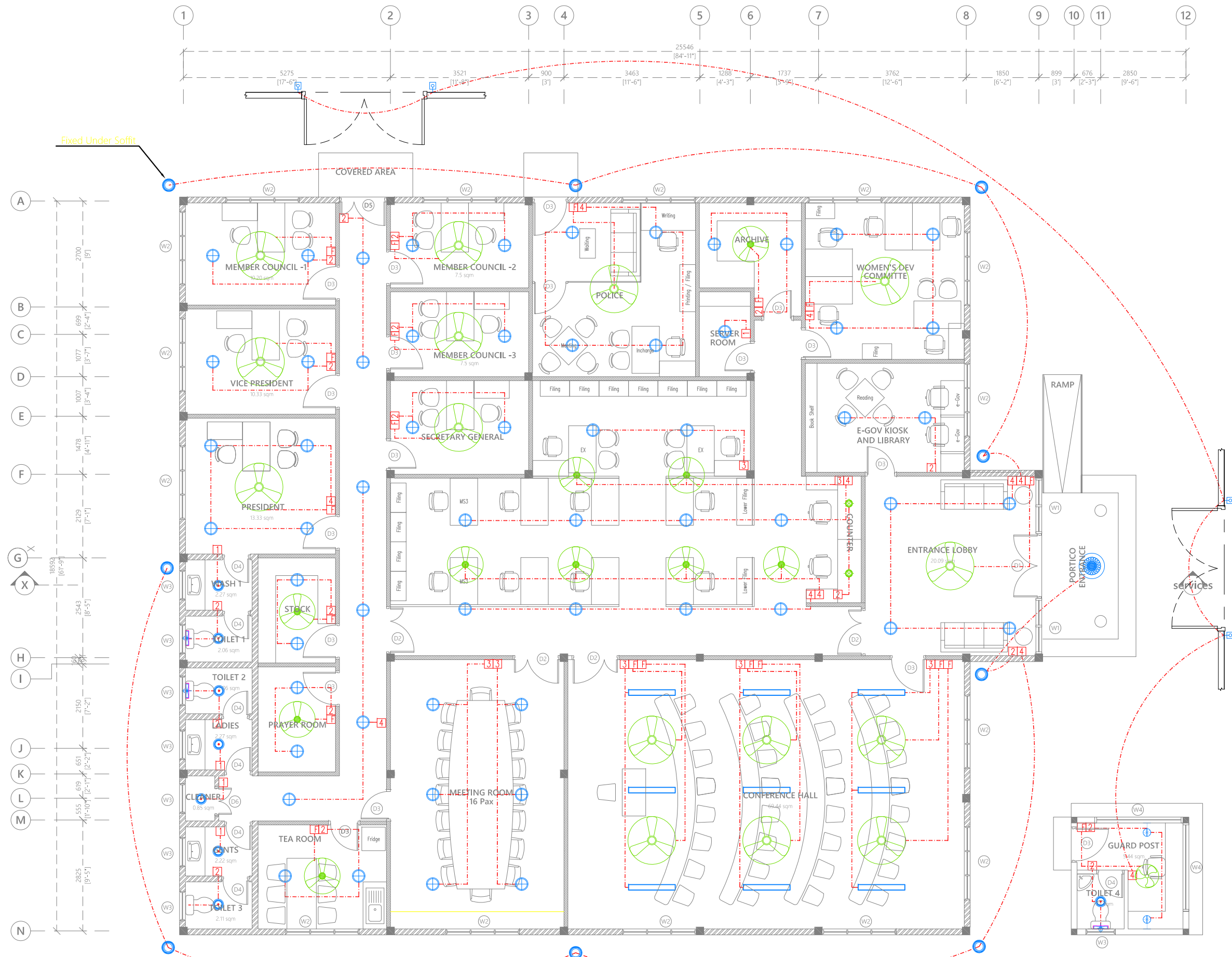
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Title:
 ACV LAYOUT

Page: SV - 01/07

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GROUND FLOOR ACV LAYOUT



Legend

- Ceiling Light (12W)
- Recessed Ceiling Light (12W)
- Ceiling Down Light (18W) - Weather Proof
- 150 X 1200 Ceiling Recessed LED Panel
- Indoor Wall Light (18W)
- Outdoor Lamp (12W)
- Decorative Pendant Light
- Ceiling Mount Spot Light (5W)
- Light Switch (1 Gang - 4 Gang)
- Ceiling Fan Switch With Controller
- 29" To 36" Ceiling Fan
- 42" To 48" Ceiling Fan
- Wall Mounted Exhaust Fan
- Oscillating Ceiling Fan

Note:
Distance to Gate and Guard Post to be determined based on measurements shown on Site Plan.

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)

Rev no	Date	General Notes:
1		
2		
3		
4		

Project Number: A/2023/038
Date: 18 June 2023
Architect: ABDUL WAHID MOHAMED
Engineer: ISMAIL RAFFEU
Services: NASHEED
Interior: -



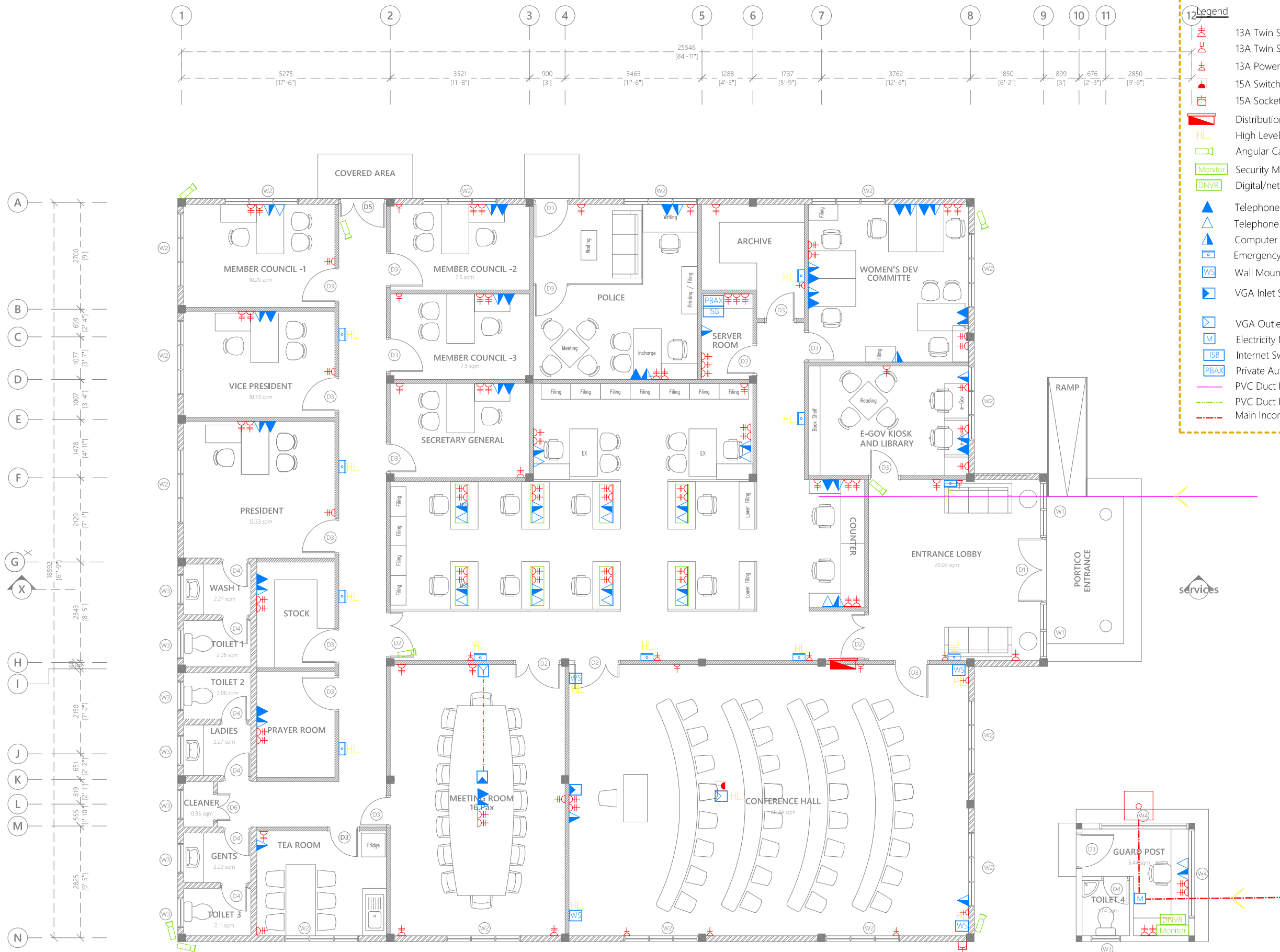
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Title:
LIGHTING LAYOUT

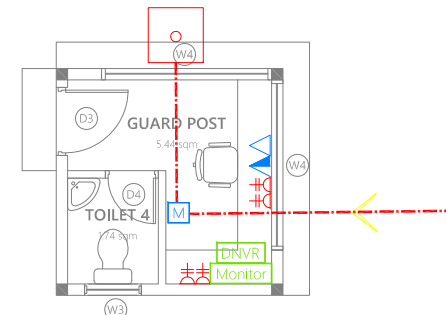
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GROUND FLOOR LIGHTING LAYOUT



- Legend**
- 13A Twin Socket
 - 13A Twin Socket With USB Ports
 - 13A Power Socket
 - 15A Switched Socket @ H.L.
 - 15A Socket In Polycarbonate Box
 - Distribution Board
 - High Level
 - Angular Camera
 - Security Monitor
 - Digital/network Video Recorder
 - Telephone Outlet
 - Telephone Extension
 - Computer Network Outlet
 - Emergency Light
 - Wall Mounted Speaker
 - VGA Inlet Socket for Ceiling Mounted Projector
 - VGA Outlet Socket for Ceiling Mounted Projector
 - Electricity Meter
 - Internet Switchboard
 - Private Automatic Branch Exchange (PABX)
 - PVC Duct For Tel./Internet Cable Lead In Below Ground Slab
 - PVC Duct For TV Cable Lead In Below Ground Slab
 - Main Incoming Cable For Power PVC Duct Below Ground



GROUND FLOOR POWER LAYOUT

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)
 Project Number: A/2023/038
 Date: 18 June 2023
 Architect: ABDUL WAHID MOHAMED
 Engineer: ISMAIL RAFFEU
 Drawn by: NASHIED
 Interior: -

General Notes:

Rev no	Date
-	-
-	-
-	-

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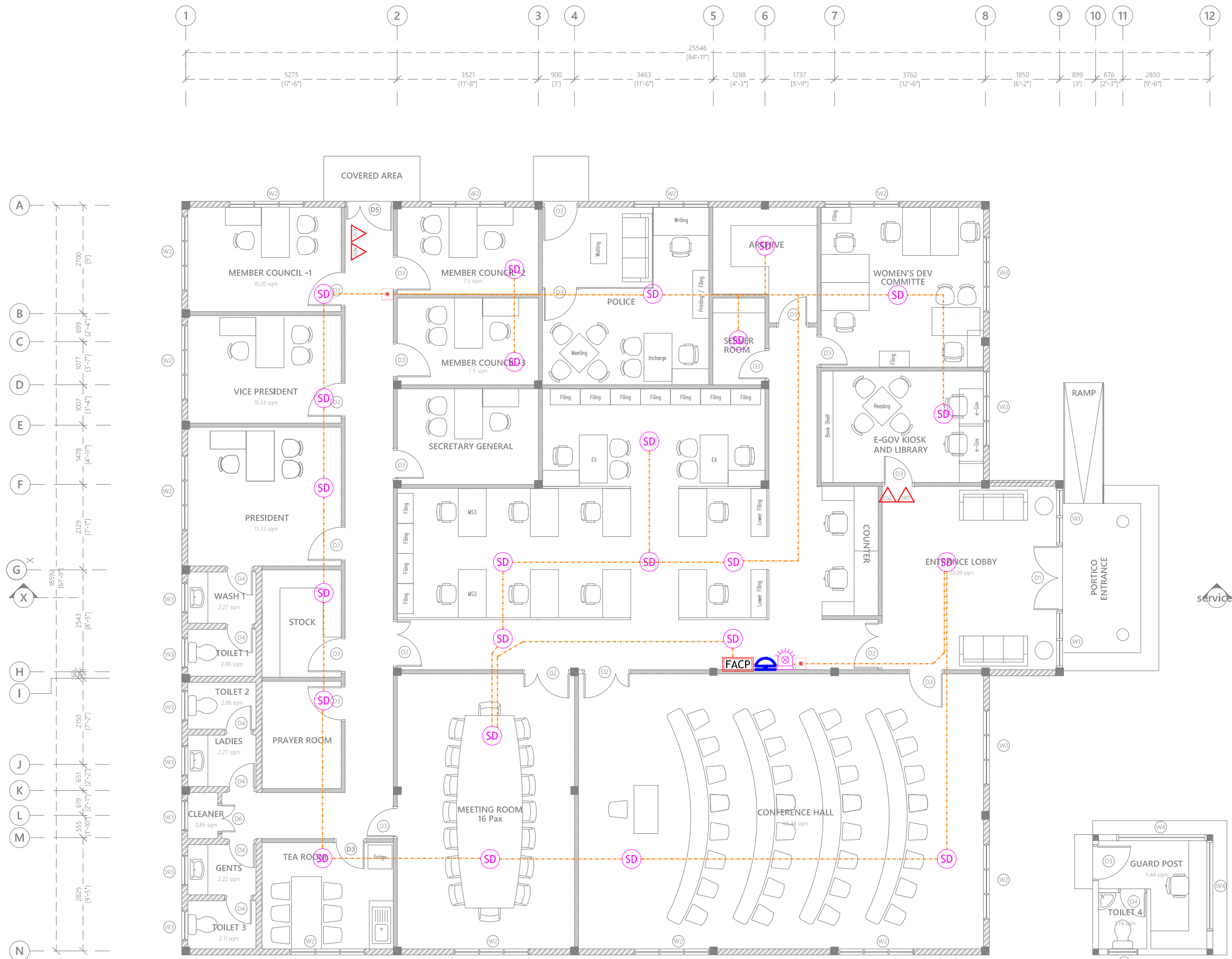
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Title:

POWER LAYOUT

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- Legend**
- CO2 Extinguisher (load: 2kg) In Polycarbonate Enclosure
 - H2O Extinguisher (load: 9L) In Polycarbonate Enclosure
 - Manual Call Point
 - Smoke Detector
 - Beacon
 - Sounder Bell
 - 2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits
 - Fire Alarm Control Panel

1. ALL DRY RISER PIPES SHOULD BE GALVANIZED, SCHEDULE 40.
2. ALL DRY RISER PIPES SHALL BE PAINTED IN RED AS PER REGULATION.
3. ALL SUPPORT/BRACKET SHALL BE HOT DIPPED GALVANIZED.

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)
 Project Number: A/2023/038
 Date: 18 June 2023
 Architect: ABDUL WAHID MOHAMED
 Engineer: ISMAIL RAFFEU
 Drawn by: ISMAIL RAFFEU
 Services: NASHIED
 Interior: -



















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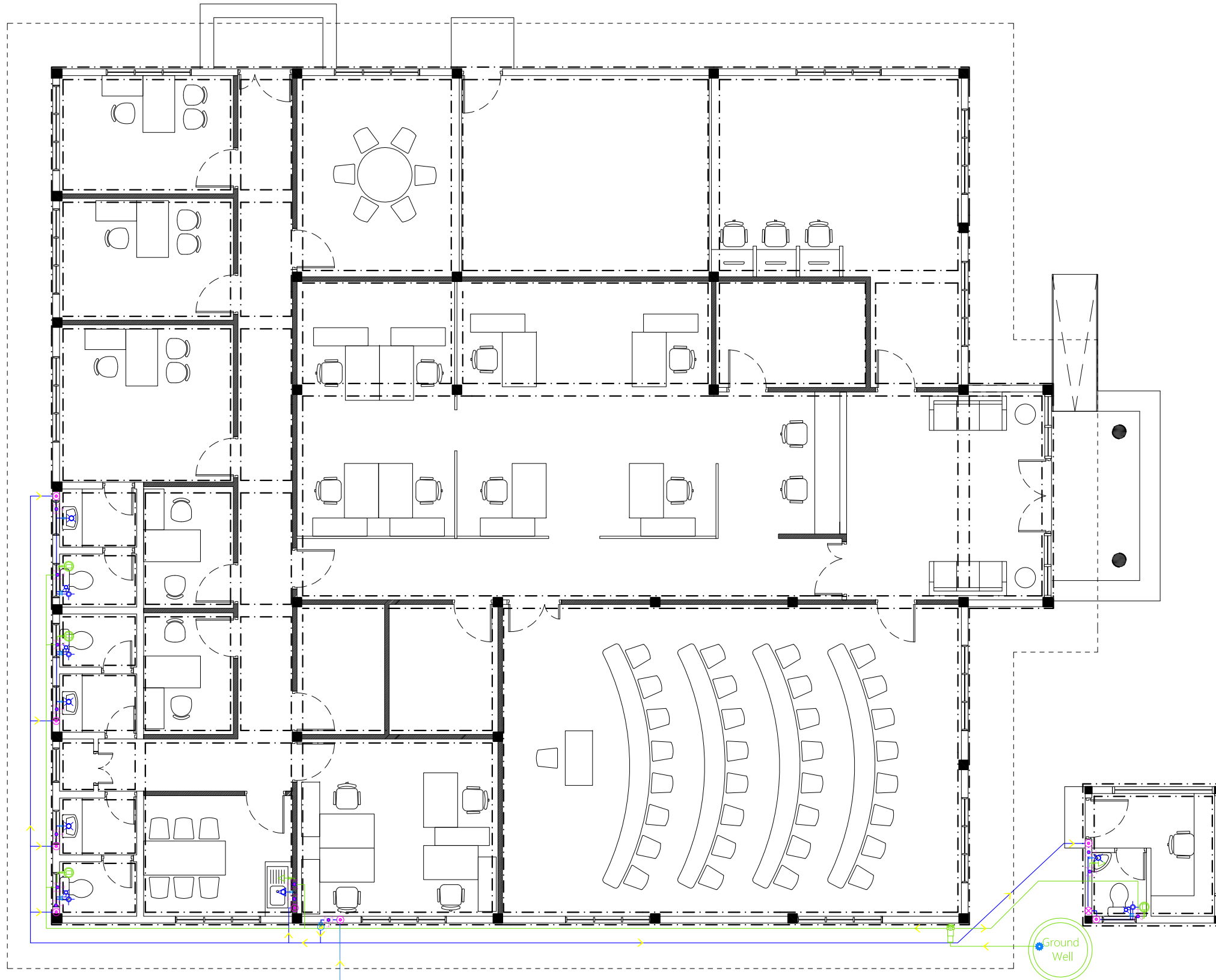
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 FDP LAYOUT
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GROUND FLOOR FDP LAYOUT

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Legend

-  16Ø Cold Water Supply To Basin Faucet
-  16Ø Cold Water Supply To Sink Tap
-  16Ø Cold Water Supply To Bidet Shower
-  16Ø Cold Water Supply To Cistern
-  Gate Valve
-  Rise In Wall
-  Drop In Wall
-  MWSC/FENAKA Meter
-  20Ø Cold Water Supply Pipes Running Underground
-  20Ø Cold Water Supply Pipes Running In Wall
-  20Ø Cold Water Supply Pipes Running Underground
-  20Ø Ground Water Supply (GWS) Pipe
-  Foot Valve With Strainer
-  Well Water Pump
-  16Ø Ground Water Supply To Sink Tap
-  16Ø Ground Water Supply To Cistern



PIPE FROM MAINS SUPPLY

GROUND FLOOR PLUMBING LAYOUT

Proposed Single Storey Building at Council Building		General Notes:	
Client: Local Government Authority (LGA)		Rev no	Date
<i>Project Number: A/2023/038</i>		---	---
<i>Date: 18 June 2023</i>		---	---
Architect: ABDUL WAHID MOHAMED		---	---
Engineer: ISMAIL RAFFEU		---	---
Drawn by: ISMAIL RAFFEU		---	---
Services: NASHIED		---	---
Interior: -		---	---



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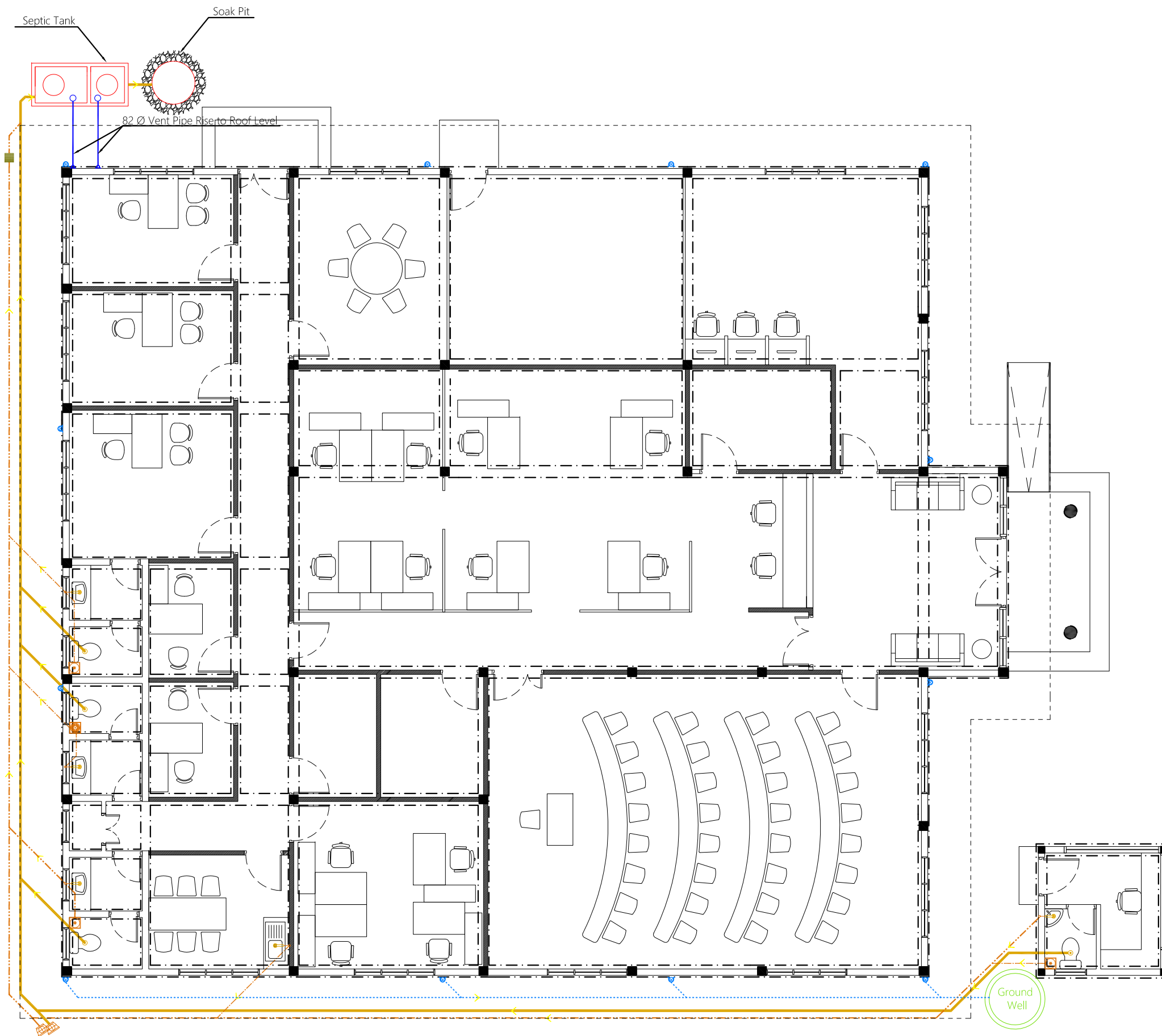
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 PLUMBING LAYOUT

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PL-01

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Note:
Septic Tank will not be required if the island has a sewer system installed.



Legend

- Floor Drain
- Floor Gully
- 40Ø Stub For Washing Machine Or Tub
- 82Ø Soil Pipe (uPVC Pipe)
- 82Ø Soil Vent Pipe (uPVC Pipe)
- 63Ø Waste Pipe (uPVC Pipe)
- 63Ø Waste Vent Pipe (uPVC Pipe)
- 40Ø Waste Pipe (uPVC Pipe)
- 50Ø Manhole Vent Pipe (uPVC Pipe)
- 110mm Rain Water Pipes (uPVC Pipe)
- Gully Trap
- 110Ø Rainwater Outlet
- Clean Out Point
- Bottle Trap

Notes: -

- All Drainage Pipes Should Have At A Slope Of 1/150
- All Floor Drains Should Have 'P' Traps

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)

Project Number: A/2023/038
Date: 18 June 2023
Architect: ABDUL WAHID MOHAMED
Engineer: ISMAIL RAFFEU
Services: NASHIED
Interior: -

General Notes:

Rev no	Date
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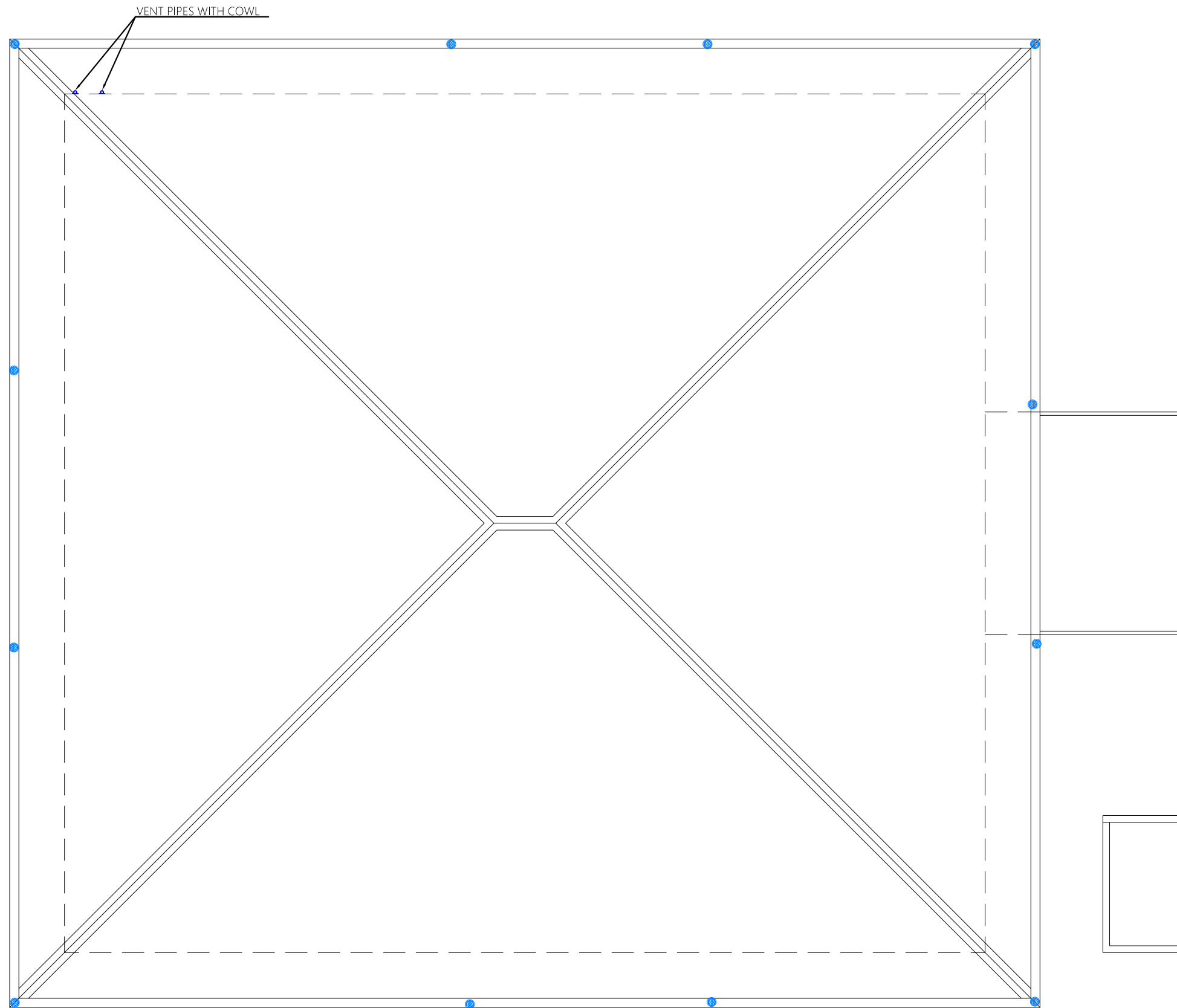
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DRAINAGE LAYOUT

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GROUND FLOOR DRAINAGE LAYOUT

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- Legend**
- Floor Drain
 - Floor Gully
 - 40Ø Stub For Washing Machine Or Tub
 - 82Ø Soil Pipe (uPVC Pipe)
 - 82Ø Soil Vent Pipe (uPVC Pipe)
 - 63Ø Waste Pipe (uPVC Pipe)
 - 63Ø Waste Vent Pipe (uPVC Pipe)
 - 40Ø Waste Pipe (uPVC Pipe)
 - 50Ø Manhole Vent Pipe (uPVC Pipe)
 - 110Rain Water Pipes (uPVC Pipe)
 - Gully Trap
 - 110Ø Rainwater Outlet
 - Clean Out Point
 - Bottle Trap

Notes: -

- All Drainage Pipes Should Have At A Slope Of 1/150
- All Floor Drains Should Have 'P' Traps

Proposed Single Storey Building at Council Building
Client: Local Government Authority (LGA)

Project Number: A/2023/038	Date: 18 June 2023	Rev no	Date	General Notes:
Architect: ABDUL WAHID MOHAMED		--	--	
Engineer: ISMAIL RAFFEU		--	--	
Drawn by: NASHIED		--	--	
Services: NASHIED				
Interior: -				

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Title:

ROOF DRAINAGE LAYOUT

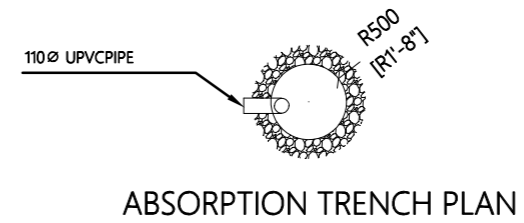
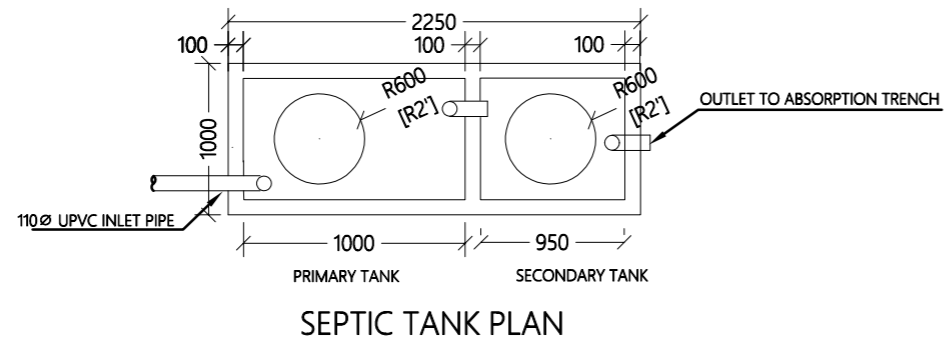
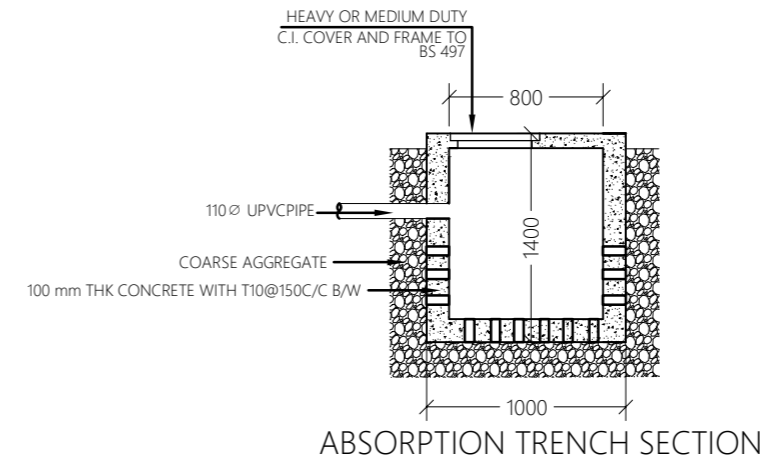
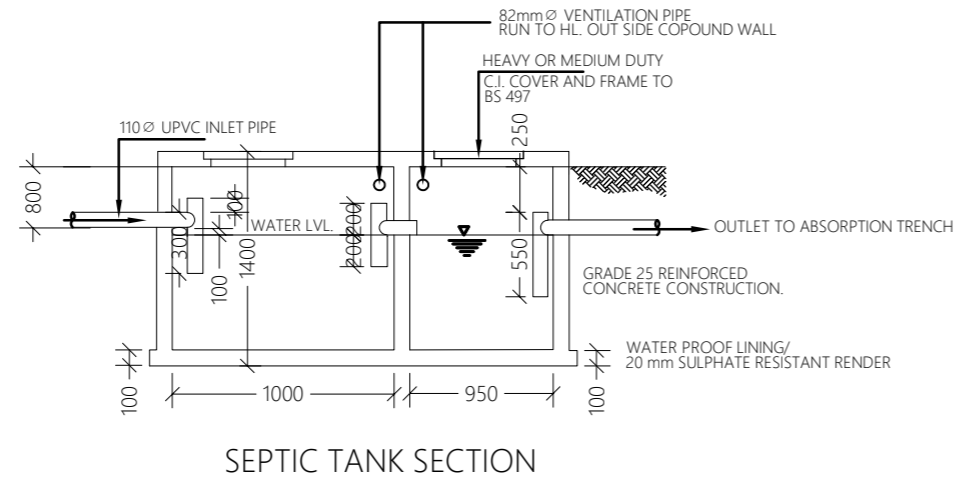
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DR-02

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ROOF DRAINAGE LAYOUT

1:100



PROPOSED 01 STOREY BUILDING AT
**SINGLE STOREY
COUNCIL OFFICE**

Sub Title:
COUNCIL PSI PROJECT

Client:
**LOCAL GOVERNMENT
AUTHORITY**

July 2019

Services By: Mohamed Rassam
Checked By:
Drawn By: Hussain Rasheed



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Rev: Page:
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..... **DR-03**
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SEPTIC TANK DETAIL

1:100