

PROPOSED SINGLE STOREY BUILDING
AT COUNCIL BUILDING
ARCHITECTURAL / STRUCTURAL AND MEP DRAWINGS

2023.07.03

SIARCH
PRIVATE LIMITED
LONUZIYAARAIY MAGU, MALE', 20075, MALDIVES
EMAIL: INFO@SIARCH.DESIGN
HTTP://WWW.SIARCH.DESIGN

PROPOSED SINGLE STOREY BUILDING AT COUNCIL BUILDING
DRAWING INDEX

PROJECT CODE: ---
CLIENT: LOCAL GOVERNMENT AUTHORITY (LGA)
BUILDING: -
BUILDING CODE: -
DWG FILE NAME: -

DRAWING TITLE

BLDN.CODE.	DISC.	NO.	PDF FILE NAME	PRIMARY	SECONDARY	SCALE	FORMAT	DATE
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	MEP	04	***-**_ MEP04	GROUND FLOOR FDP LAYOUT		1:100	A3	2023.07.13
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	MEP	06	***-**_ MEP06	GROUND FLOOR DRAINAGE LAYOUT		1:100	A3	2023.07.13
	MEP	07	***-**_ MEP07	ROOF DRAINAGE LAYOUT		1:100	A3	2023.07.13

CLIENT:
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PHASE:
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 DESIGN DEVELOPMENT
 TENDER DOCUMENT
 FOR CONSTRUCTION
 AS BUILD DRAWINGS

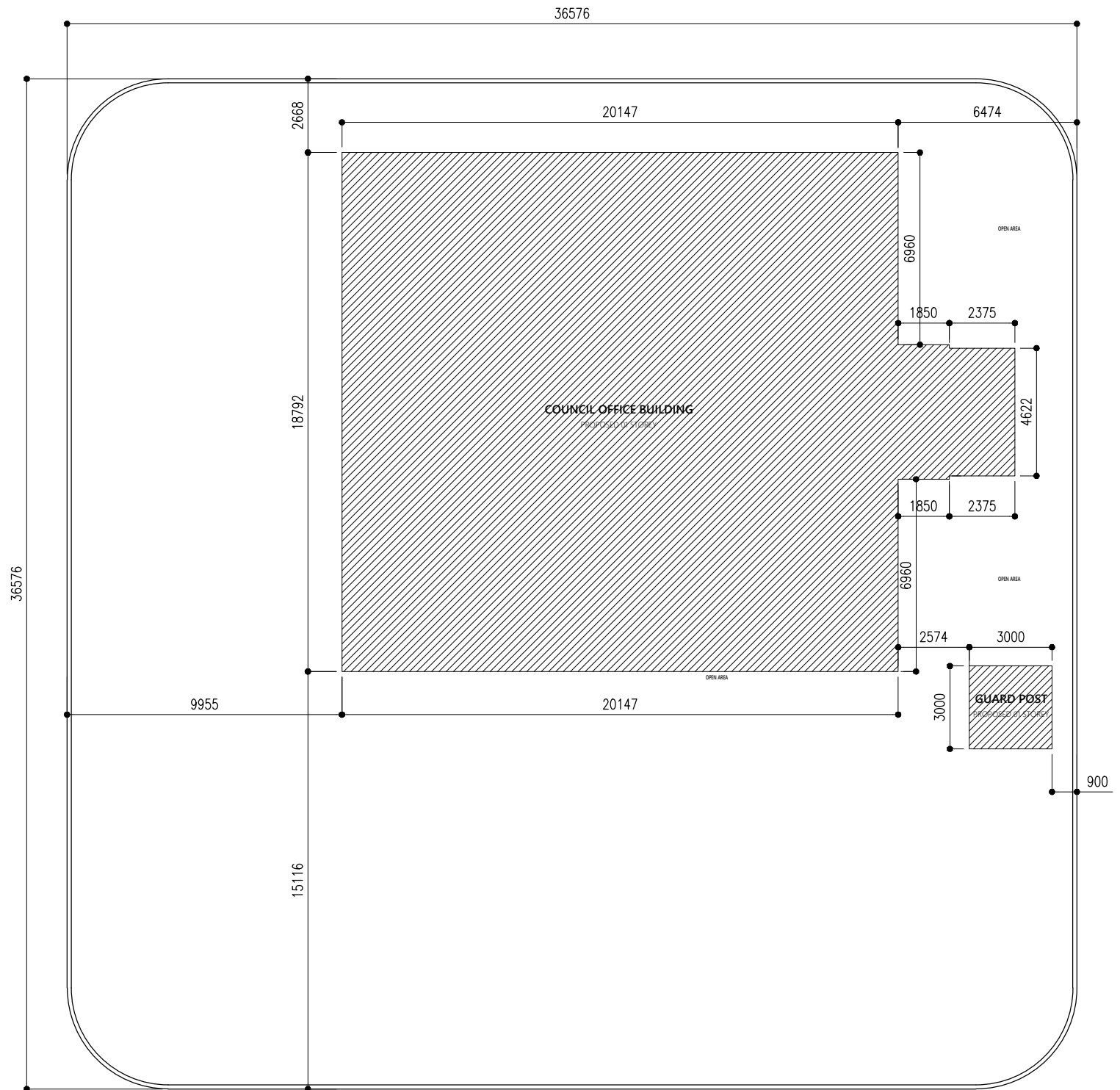
DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

DWG. NAME:

ARCHITECTURE

DRAWING INDEX

CODE	DATE	DWG. NO:
---	2023.07.03	AR00
FORMAT	A1 A2 A3	
SCALE	- - NS	ISSUE A
PDF FILE NAME: ---_***_****_AR00_A		



SITE PLAN
SCALE 1:200

BUILDING INFORMATION	
Plot Area	-
Footprint Area	407.58 sqm
Built-Up Area	407.58 sqm
Longest length of Footprint	27.37 m
Width coefficient of Footprint	14.89 m
Open Voids	-
Building Height	4.907
Road width	-

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DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

DWG. NAME:
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SITE PLAN

CODE	DATE	DWG. NO:
---	2023.07.03	AR01
FORMAT	A1 A2 A3	
SCALE	- - 1:200	ISSUE A
PDF FILE NAME: ---_***_****_AR01_A		

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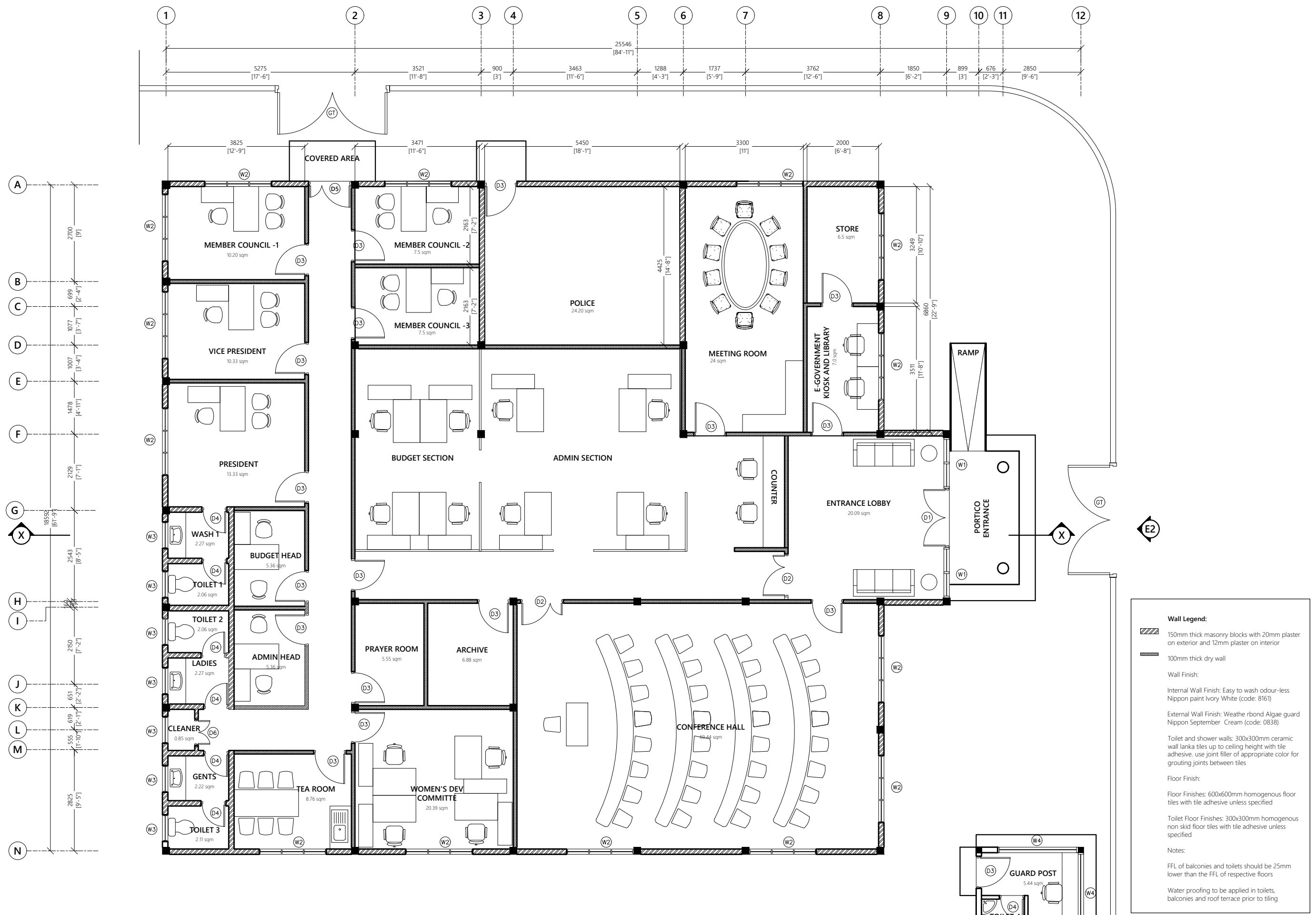
- CONCEPT DESIGN
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STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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ARCHITECTURE

GROUND FLOOR PLAN AMENDMENTS

CODE	DATE	DWG. NO:
---	2023.07.03	AR02
FORMAT	A1 A2 A3	
SCALE	1:100	ISSUE A
PDF FILE NAME: ---_***_****_AR02_A		



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: Weatherbond 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 AMENDMENTS
SCALE 1:100

E1

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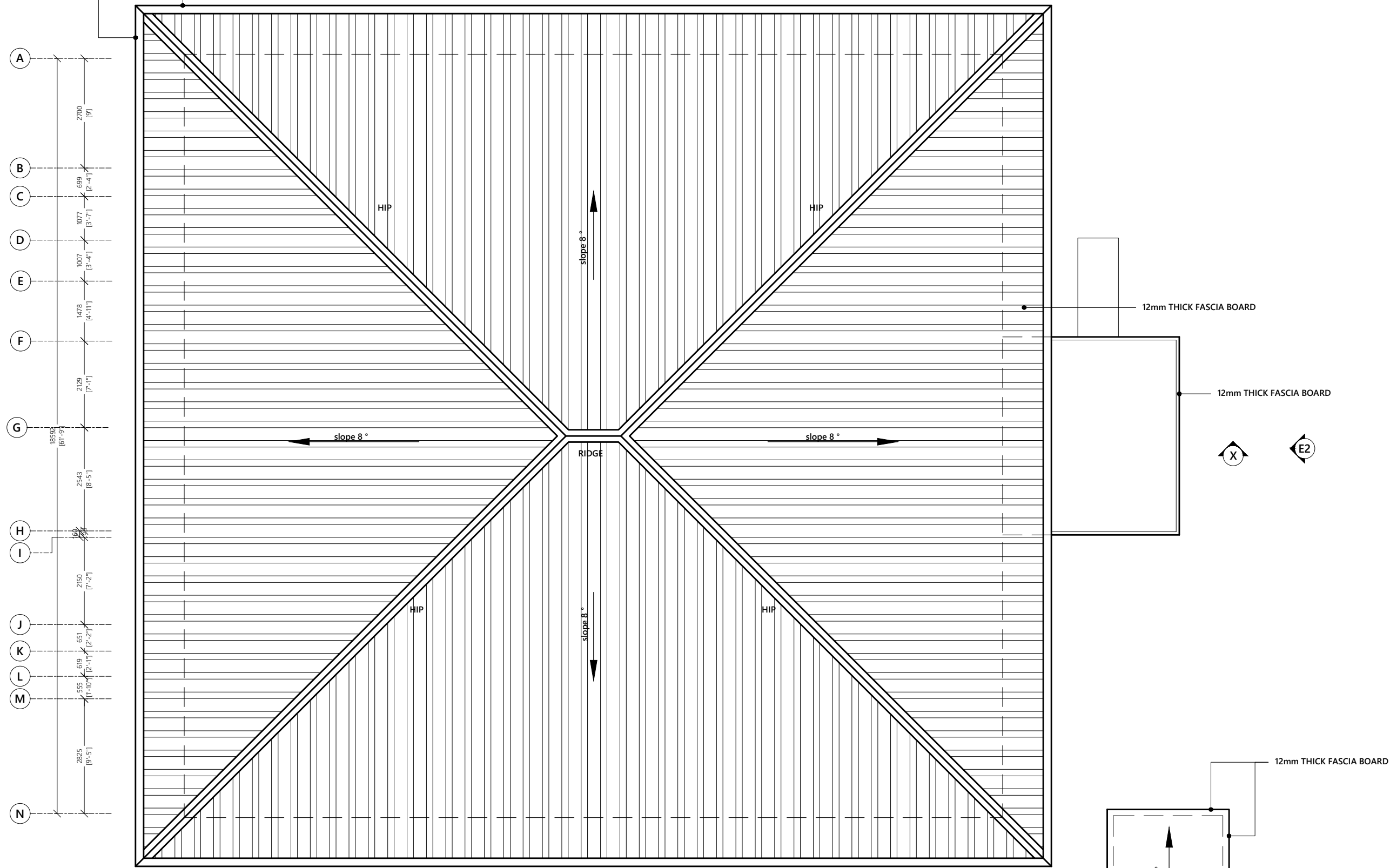
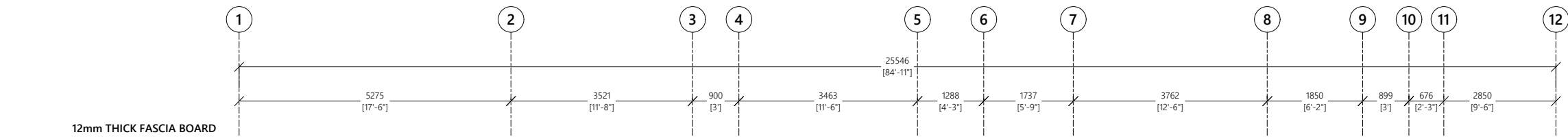
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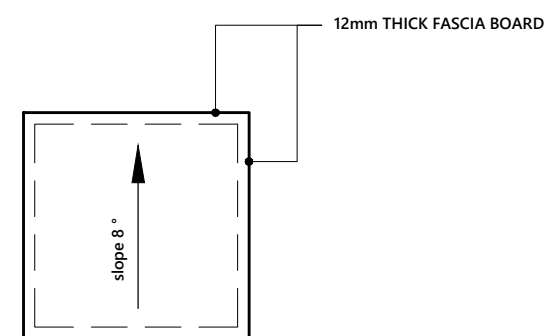
ROOF PLAN

CODE	DATE	DWG. NO:
---	2023.07.03	AR03
FORMAT	A1 A2 A3	
SCALE	1:100	ISSUE A
PDF FILE NAME: ---_***_****_AR03_A		



ROOF PLAN

SCALE 1:100



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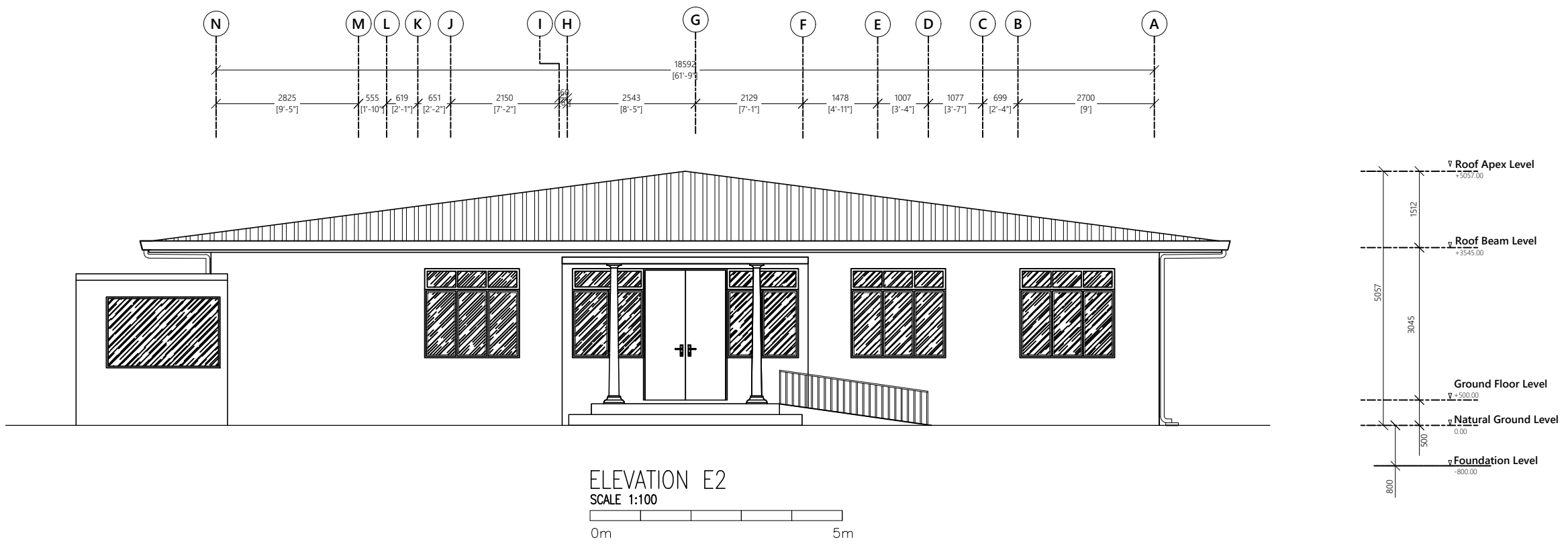
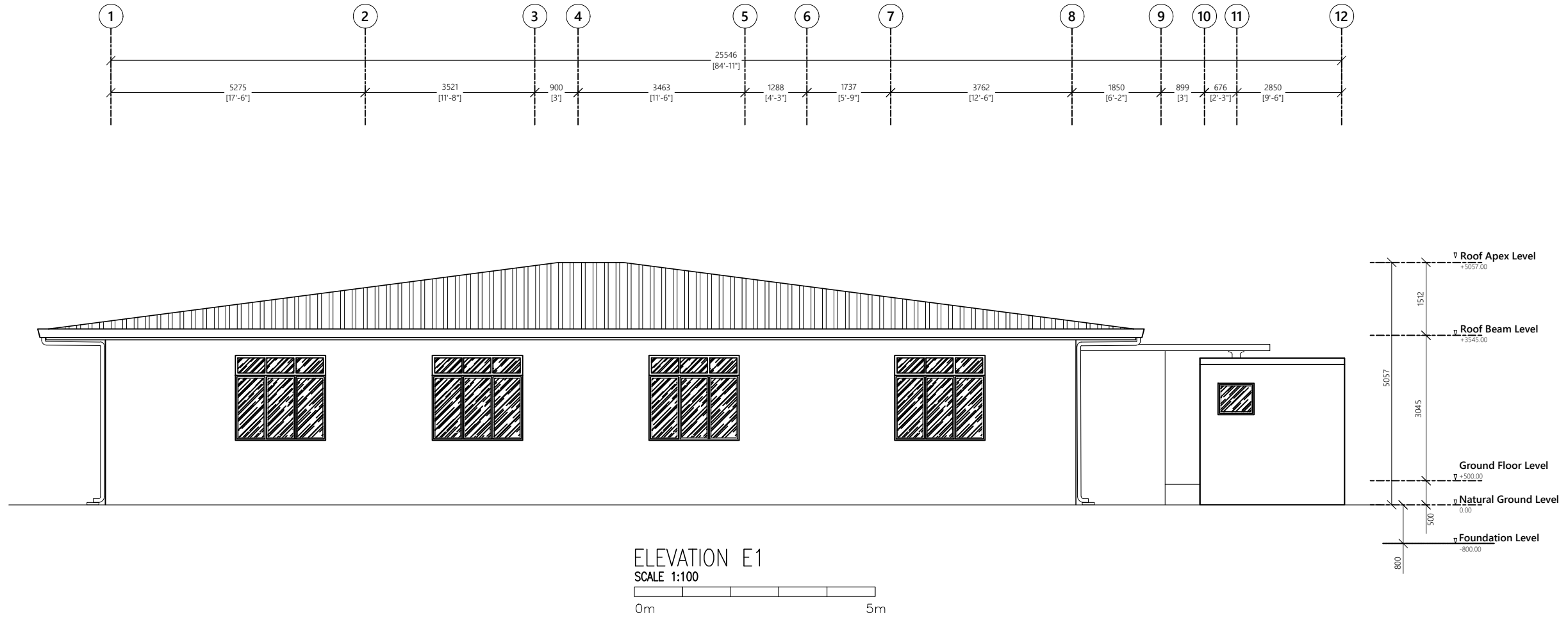
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PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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ELEVATION E1/E2

CODE	DATE	DWG. NO:
---	2023.07.03	ARO4
FORMAT	A1 A2 A3	
SCALE	-- 1:100	ISSUE A
PDF FILE NAME: ---_***_****_ARO4_A		



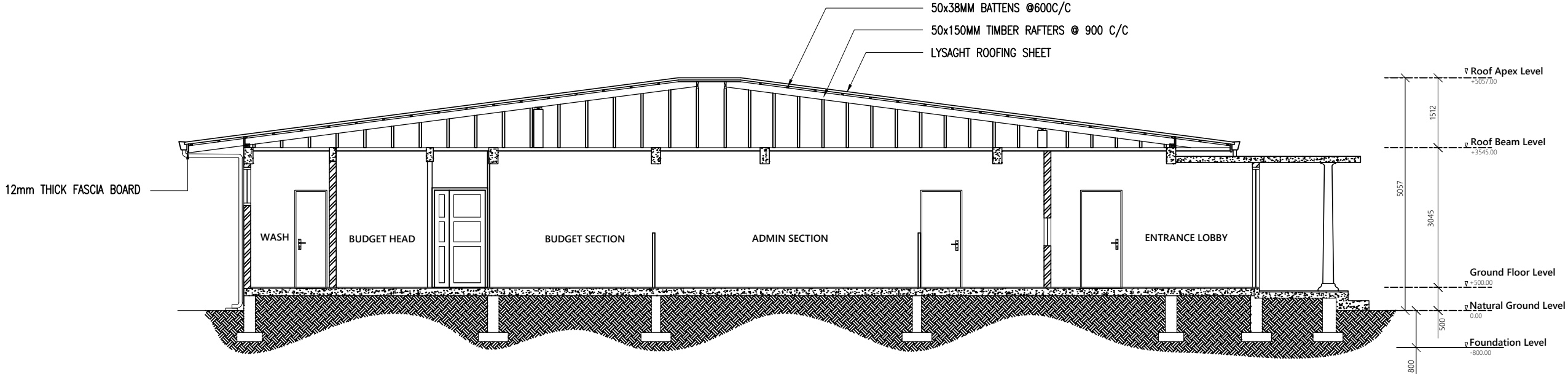
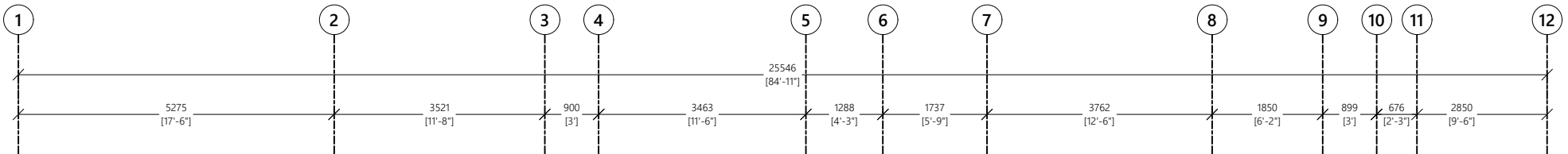
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SECTION X-X
SCALE 1:100
0m 5m

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STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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SECTION X-X

CODE	DATE	DWG. NO:
---	2023.07.03	AR05
FORMAT	A1 A2 A3	
SCALE	1:100	ISSUE A
PDF FILE NAME:	---_***_****_AR05_A	

Door ID	D1	D2	D3	D4	D5	D6	W1
Plan view							
Elevation view							
FFL							
Frame material	Aluminum powder coated	Solid timber Varnished	Solid timber Varnished	PVC	Aluminum powder coated	Solid timber Varnished	Aluminium Black Powder Coated
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	Reflective glass
Openable area	4.08	2.3	1.73	1.32	2.3	1.42	2.23

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STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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DOOR AND WINDOW SCHEDULE

CODE	DATE	DWG. NO:
---	2023.07.03	AR06
FORMAT	A1 A2 A3	
SCALE	-- 1:50	ISSUE A
PDF FILE NAME: ---_***_****_AR06_A		

Door ID	W2	GT	W3	W4
Plan view				
Elevation view				
FFL				
Frame material	Aluminium Black Powder Coated	Steel gate frame	Aluminium Black Powder Coated	Aluminium Black Powder Coated
Panel material	Reflective glass	Steel frame with steel panels as shown on elevation view	Reflective glass	Reflective glass
Openable area	2.88	2nos	0.41	0.00

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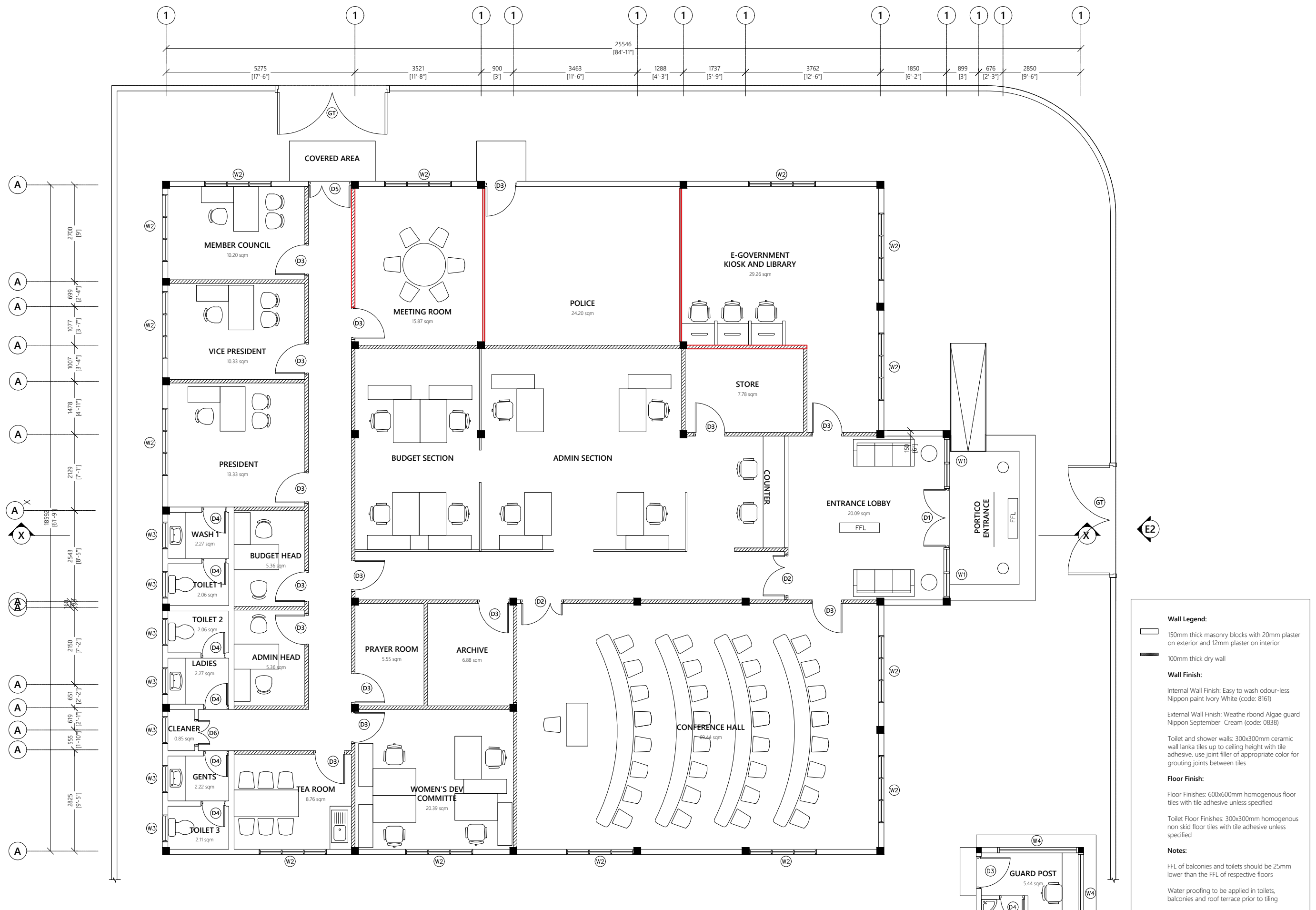
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PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

DWG. NAME:
ARCHITECTURE

GROUND FLOOR DEMOLITION PLAN

CODE	DATE	DWG. NO:
---	2023.07.03	AR07
FORMAT	A1 A2 A3	
SCALE	1:100	ISSUE A
PDF FILE NAME:	---_***_****_AR07_A	



GROUND FLOOR DEMOLITION PLAN

SCALE 1:100



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: Weatherbond 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:

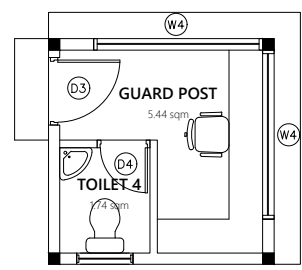
Floor Finishes: 600x600mm homogenous floor tiles with tile adhesive unless specified

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



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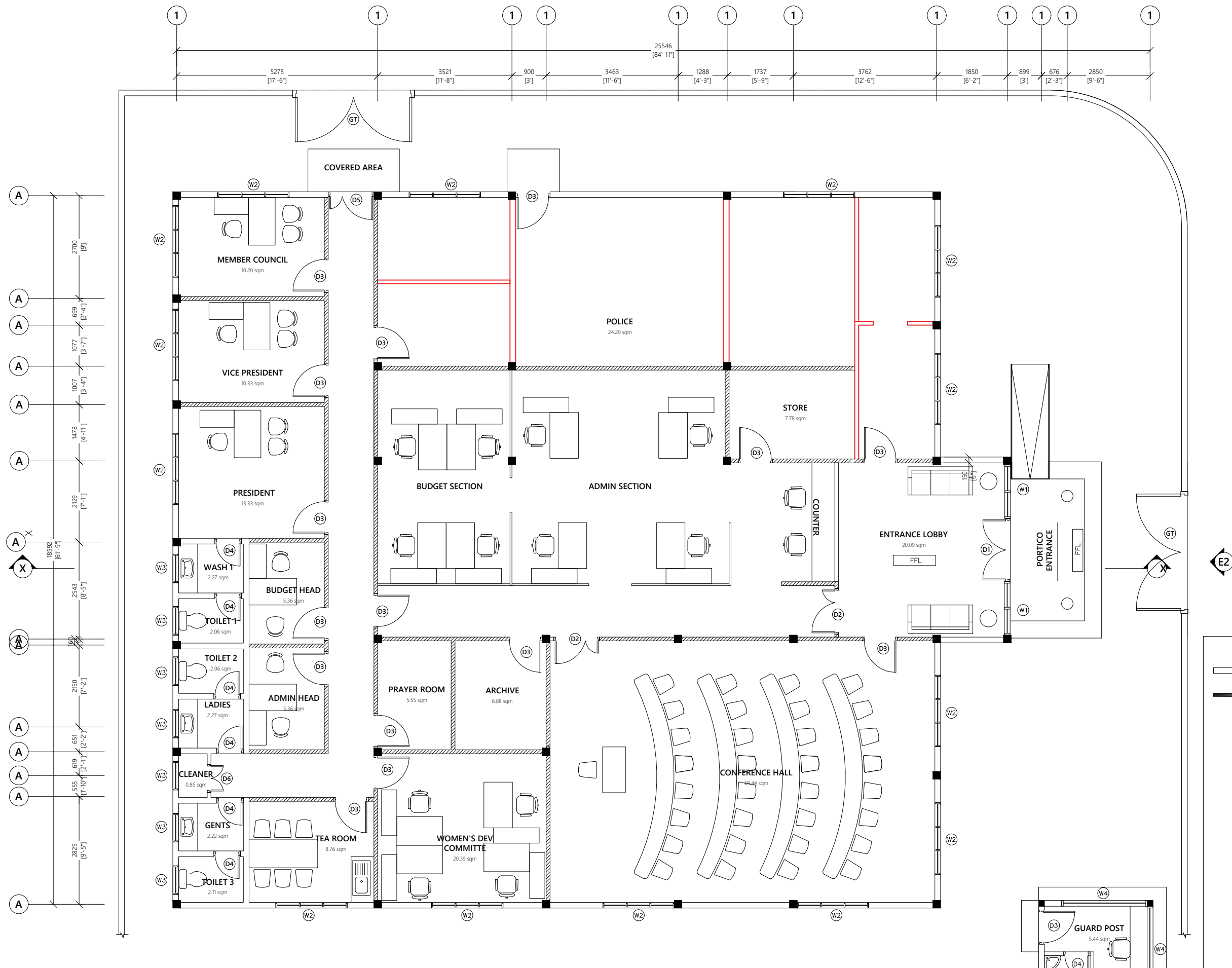
DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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ARCHITECTURE

GROUND FLOOR NEW WALL LAYOUT

CODE	DATE	DWG. NO:
---	2023.07.03	AR08
FORMAT	A1 A2 A3	
SCALE	1:100	ISSUE A
PDF FILE NAME: ---_***_****_AR08_A		



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: Weathe rbond 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
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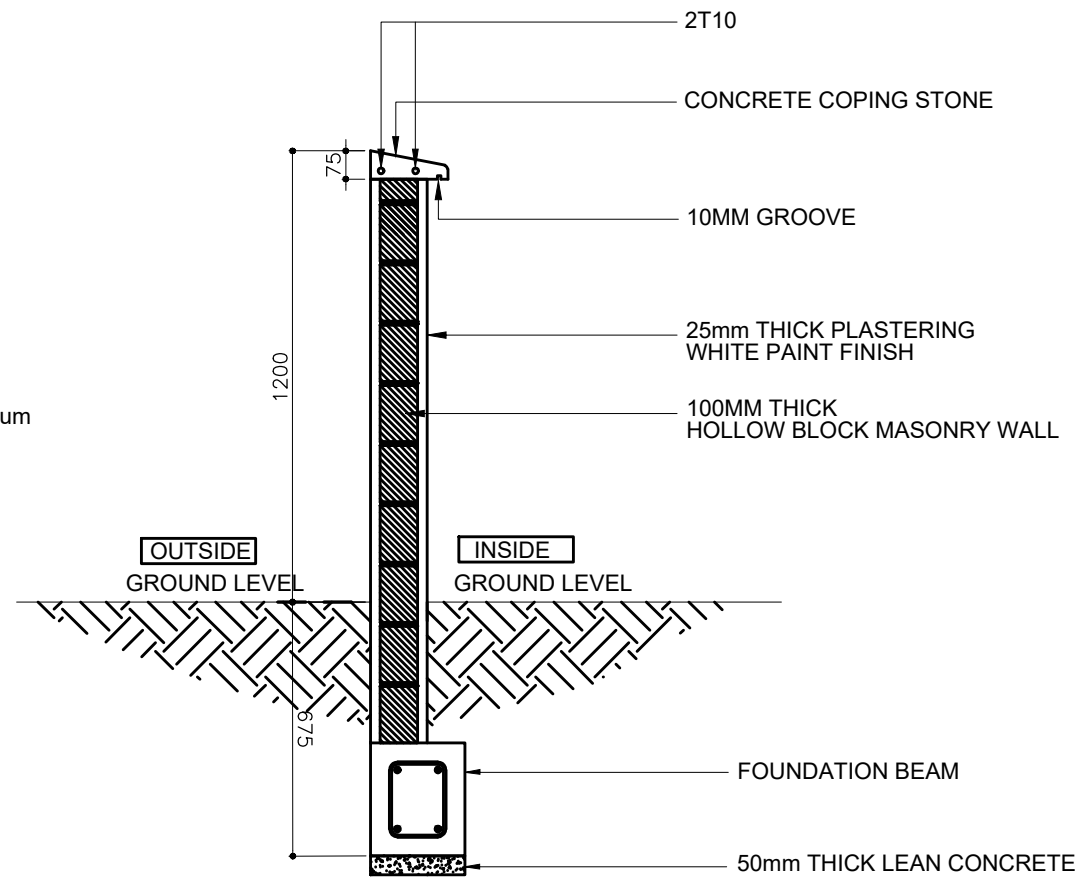
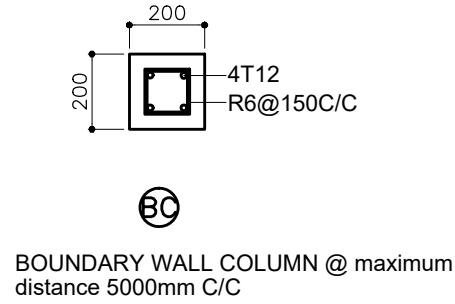
Notes:
 FFL of balconies and toilets should be 25mm lower than the FFL of respective floors
 Water proofing to be applied in toilets, balconies and roof terrace prior to tiling

GROUND FLOOR NEW WALL LAYOUT

SCALE 1:100

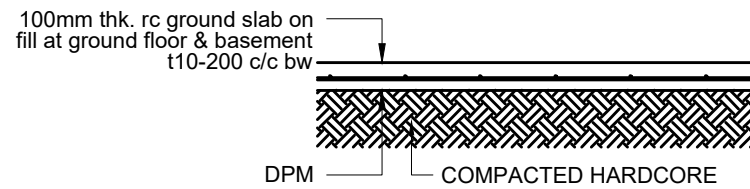


E1



TYPICAL BOUNDARY WALL DETAIL

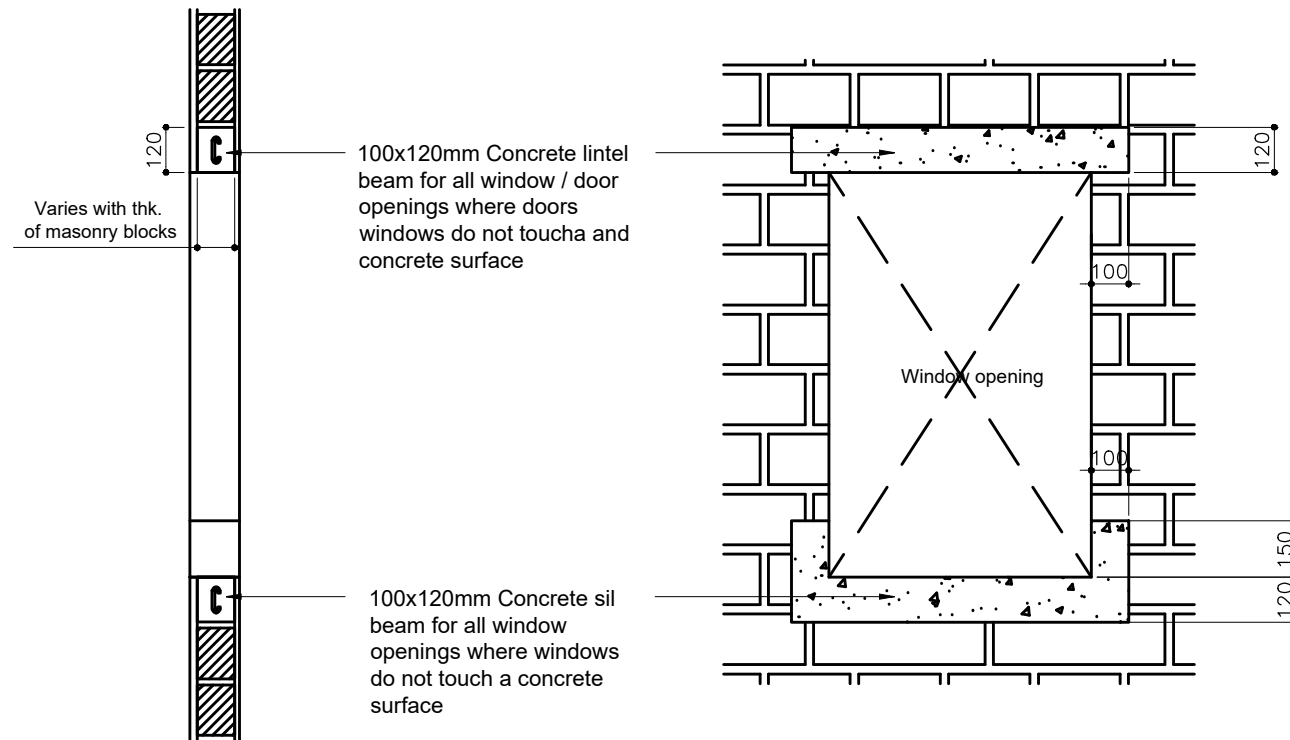
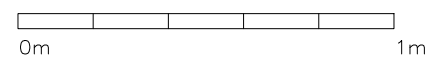
SCALE 1:20



Note:
All cover blocks shall be casted using grade cC25 / 30 concrete with 5-10mm aggregates floor slab, rebar spacer chairs spacing shall be minimum 1m spacing or no. per 1 sqm

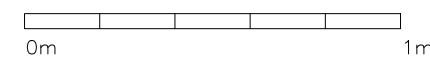
TYPICAL GROUND SLAB DETAIL

SCALE 1:20



TYPICAL OPENING DETAIL

SCALE 1:20



CLIENT:
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STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

DWG. NAME:
ARCHITECTURE

TYPICAL ARCHITECTURAL DETAILS

CODE	DATE	DWG. NO:
---	2023.07.03	AR09
FORMAT	A1 A2 A3	
SCALE	- - 1:20	ISSUE A
PDF FILE NAME: ---_***_****_AR09_A		

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PROPOSED SINGLE STOREY BUILDING AT COUNCIL BUILDING

PHASE:

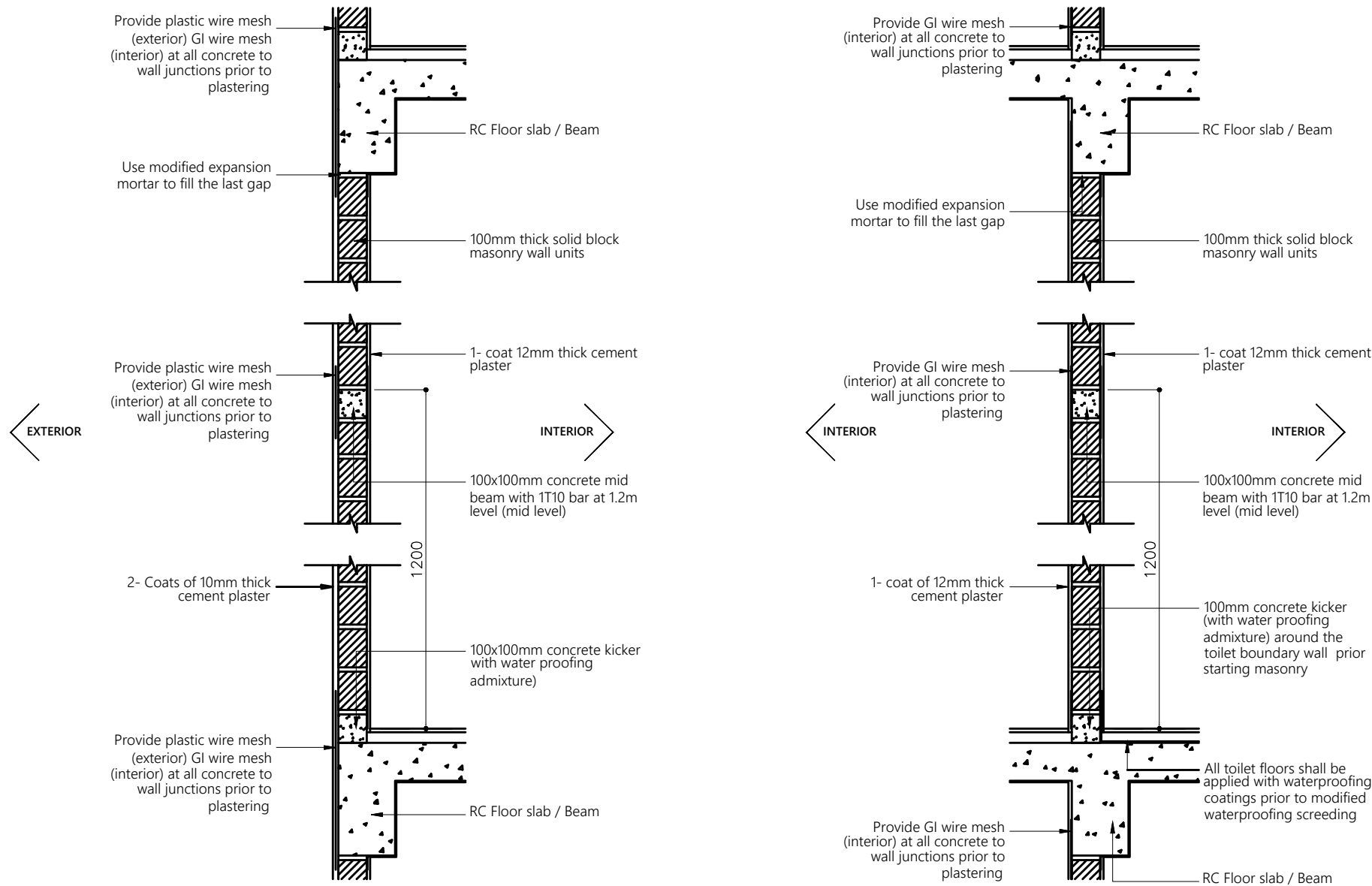
- CONCEPT DESIGN
- DESIGN DEVELOPMENT
- TENDER DOCUMENT
- FOR CONSTRUCTION
- AS BUILD DRAWINGS

DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

DWG. NAME:
ARCHITECTURE

TYPICAL WALL CONSTRUCTION DETAIL

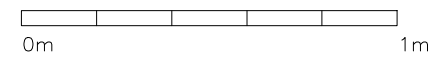
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FORMAT	A1 A2 A3	
SCALE	1:20	ISSUE A
PDF FILE NAME: ---_***_****_AR10_A		



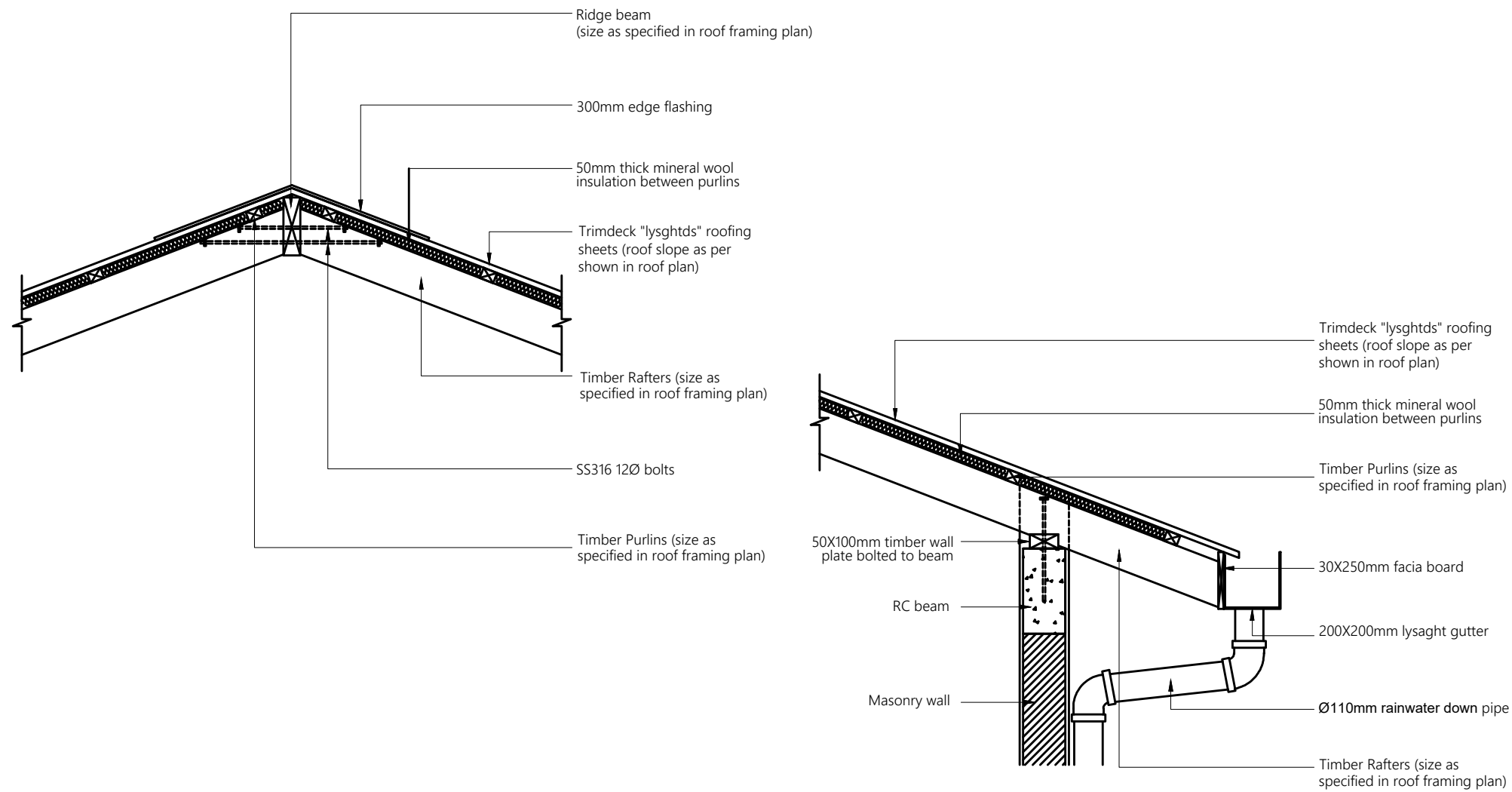
- Note:
- Concrete surfaces shall be thoroughly cleaned with water & applied with mastercast 141 or equivalent bonding mortar prior to plastering.
 - Plastering mortar mix shall be 1:4 (cement: sand) ratio.
 - Plaster mix shall be modified using fibre wool & mastercast 141 or equivalent plasticisers 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

SCALE 1:20

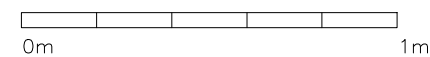


0m 1m



TYPICAL ROOF DETAIL

SCALE 1:20



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KEY PLAN:

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NO	DESCRIPTION	DATE

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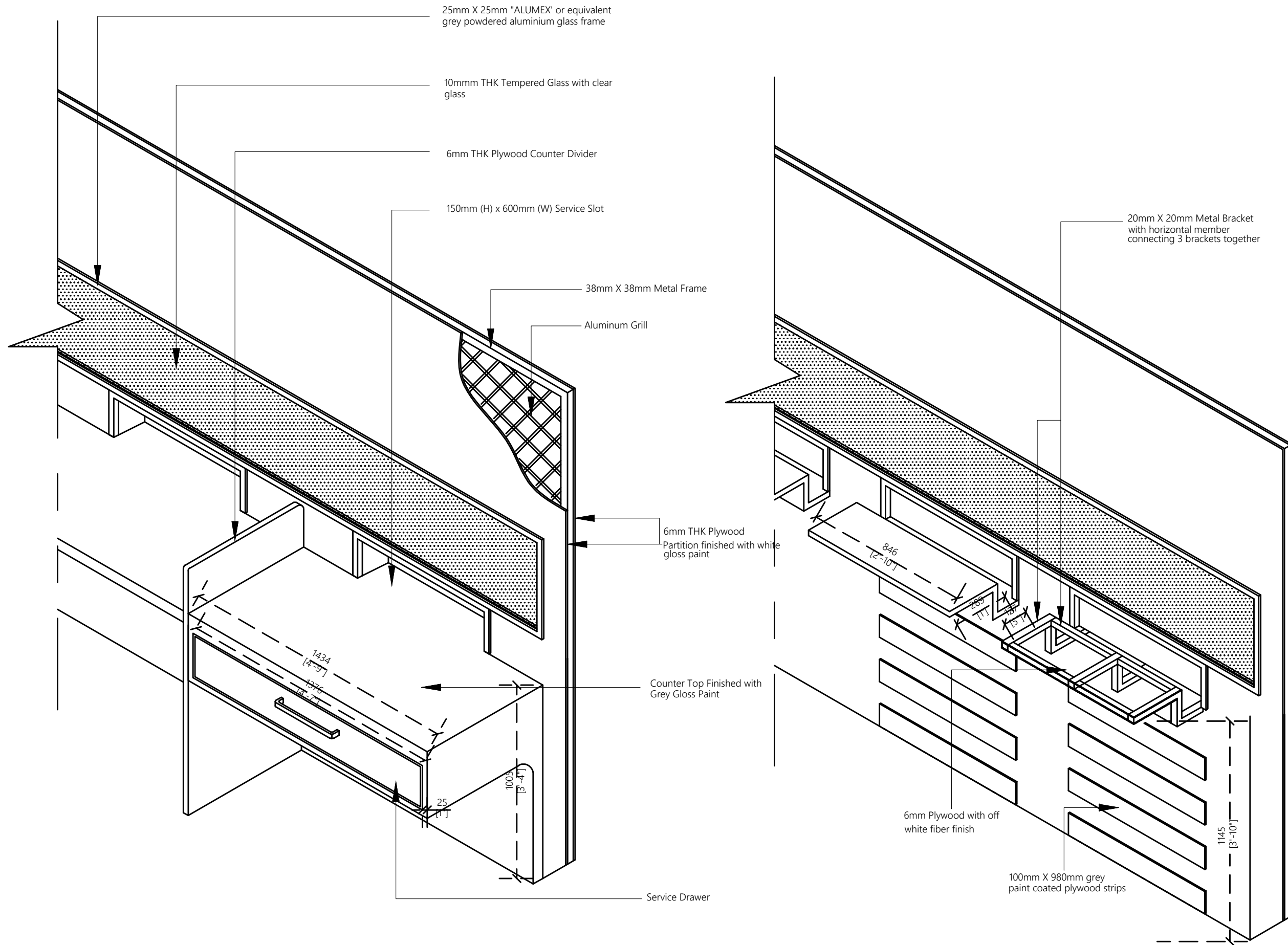
- PHASE:
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PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

DWG. NAME:
ARCHITECTURE

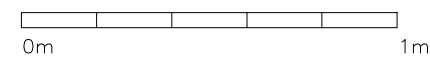
TYPICAL ROOF DETAIL

CODE	DATE	DWG. NO:
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FORMAT	A1 A2 A3	
SCALE	- - 1:20	ISSUE A
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COUNTER DETAIL

SCALE 1:20



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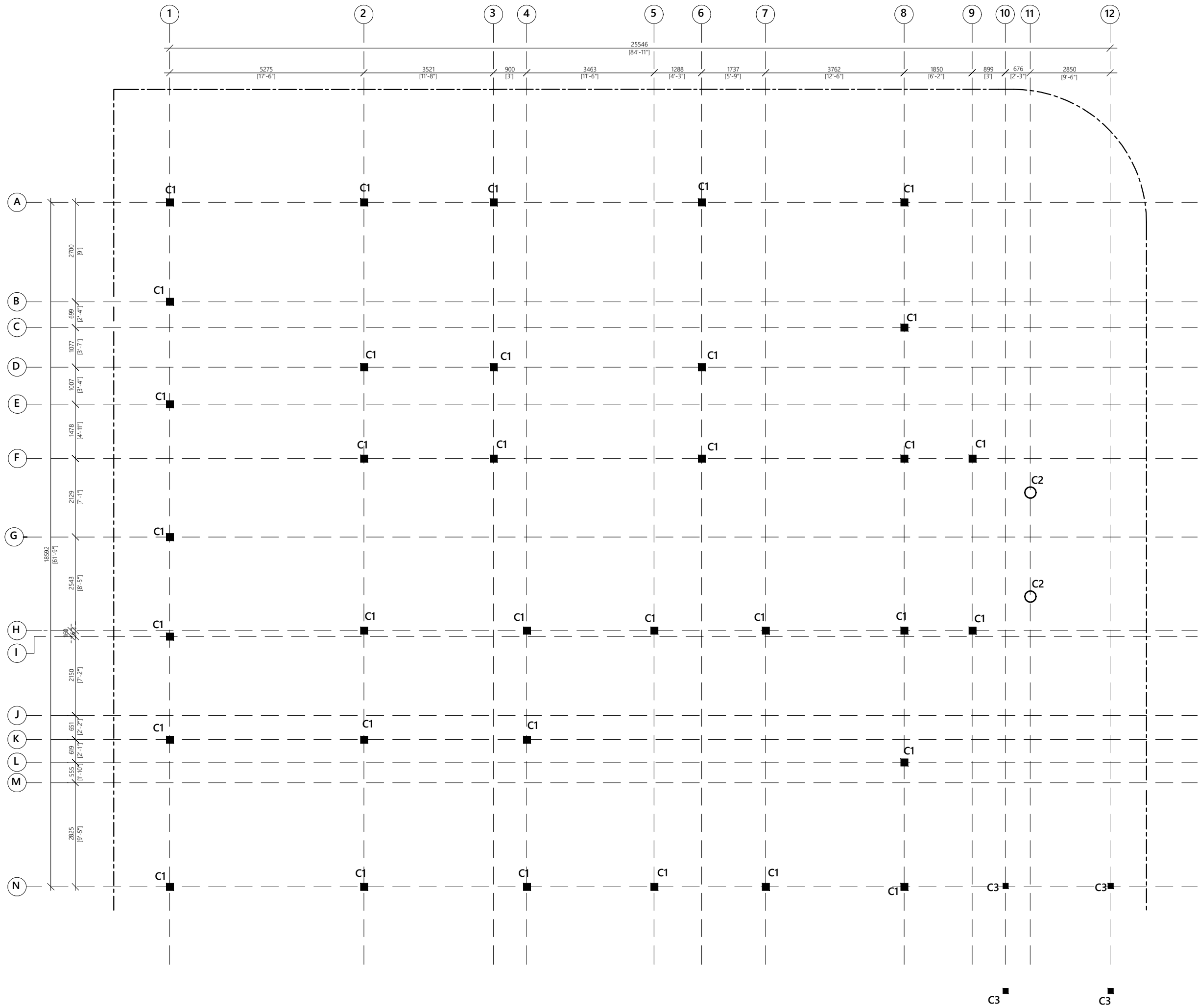
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STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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ARCHITECTURE

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CODE	DATE	DWG. NO:
---	2023.07.03	AR12
FORMAT	A1 A2 A3	
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COLUMN LAYOUT



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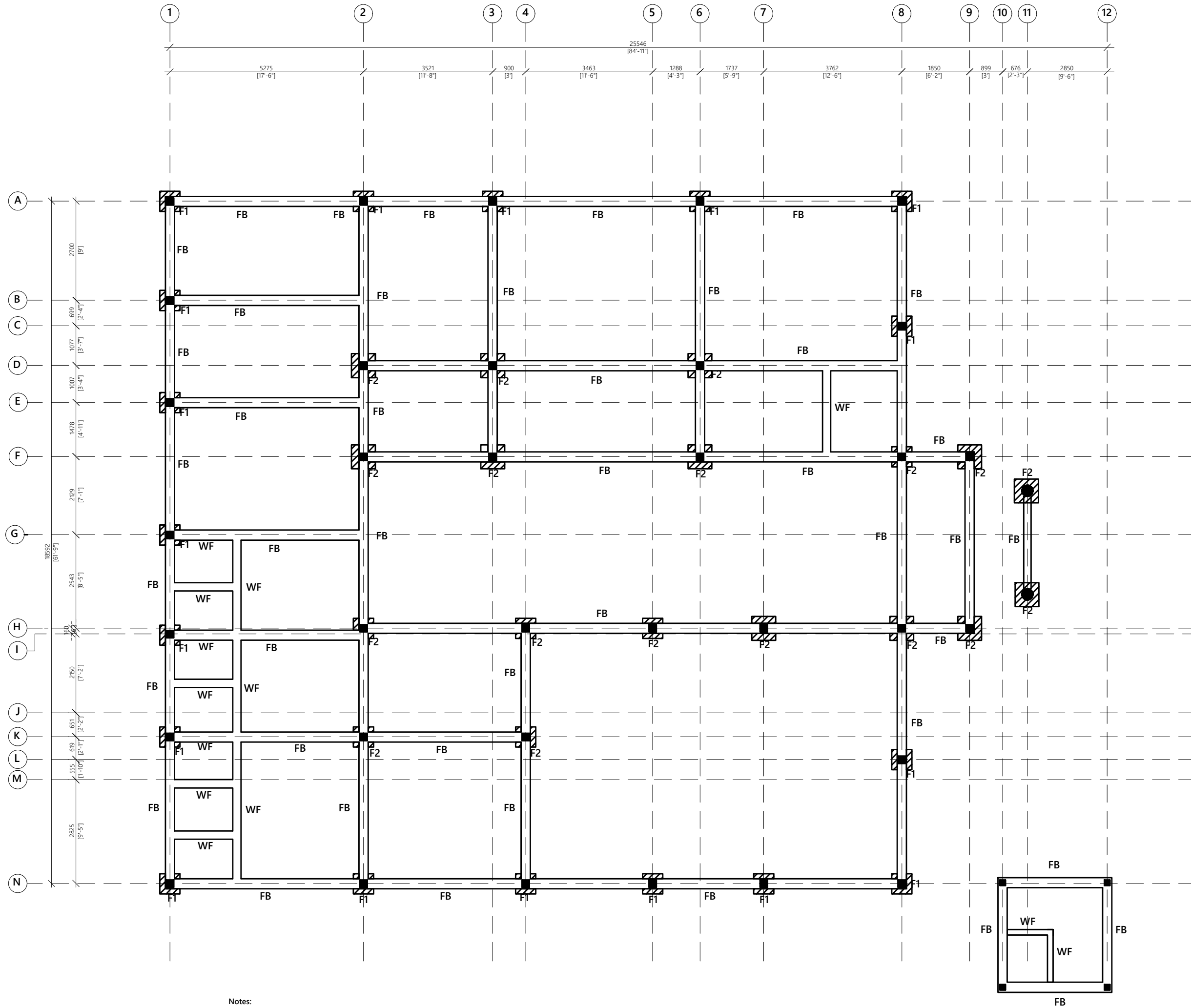
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PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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COLUMN LAYOUT

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---	2023.07.03	ST01
FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A
PDF FILE NAME:---_***_****_ST01_A		



FOUNDATION LAYOUT

SCALE 1:100



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)

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DESIGN AND CONSULTANCY:
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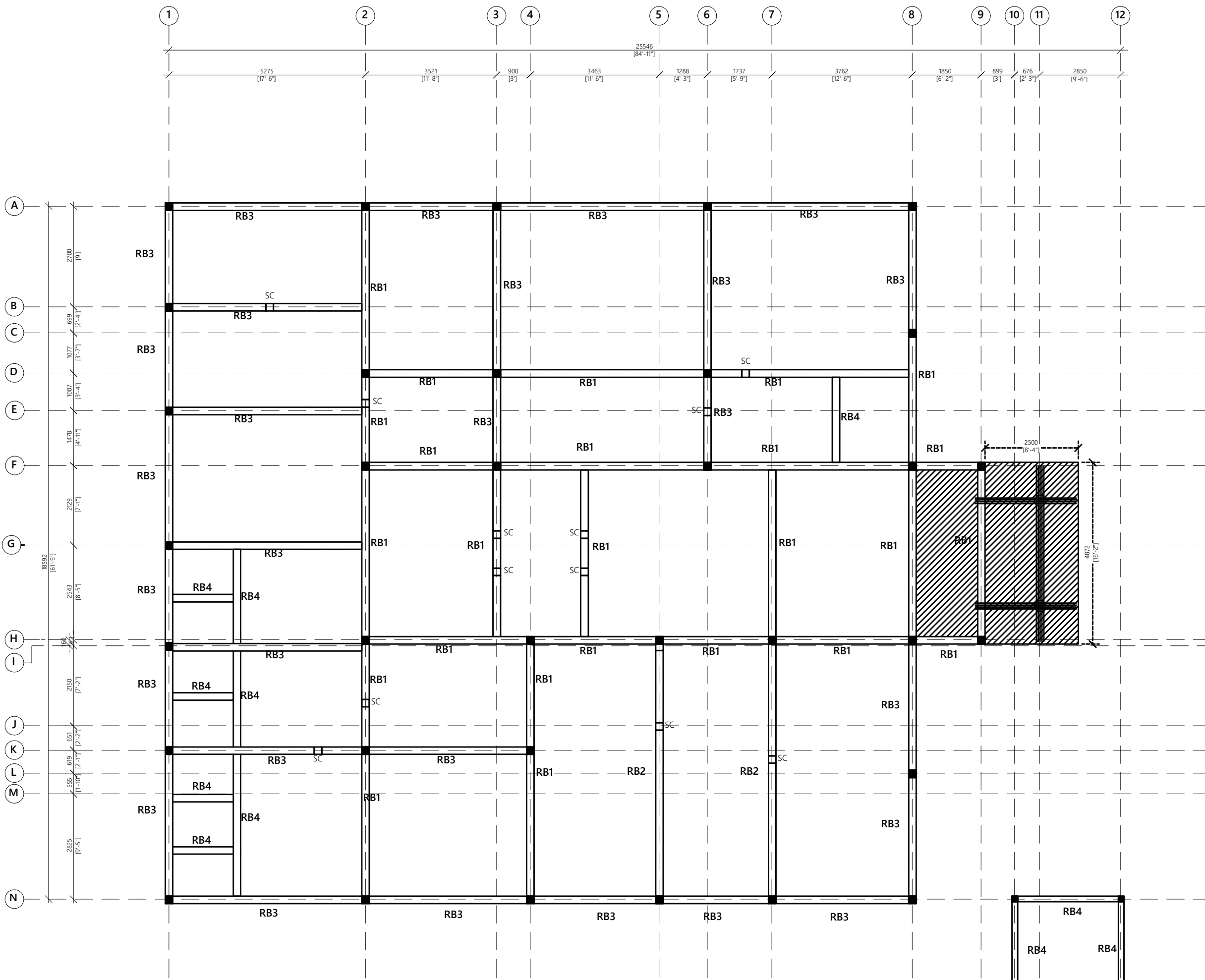
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STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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FOUNDATION LAYOUT

CODE	DATE	DWG. NO:
---	2023.07.03	ST02
FORMAT	A1 A2 A3	
SCALE	1:100	ISSUE A
PDF FILE NAME: ---_***_****_ST02_A		



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

ROOF BEAM PLAN
 SCALE 1:100



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KEY PLAN:
 (Blank space for key plan)

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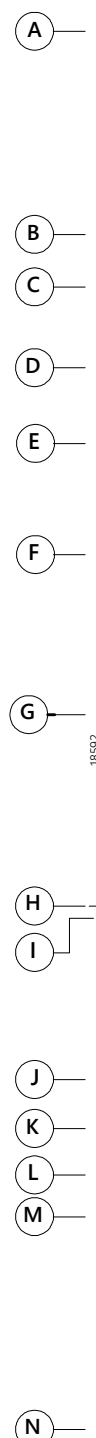
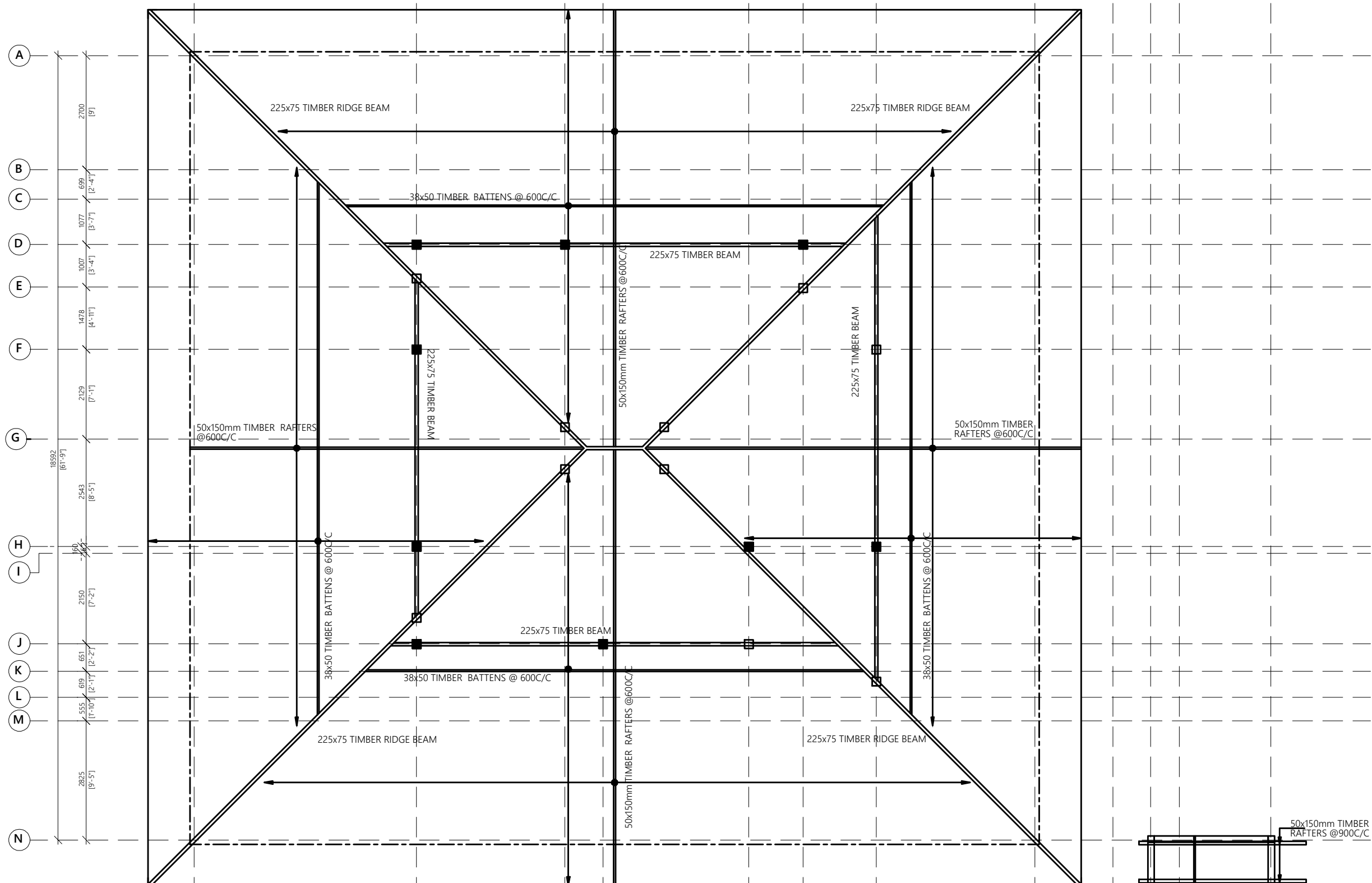
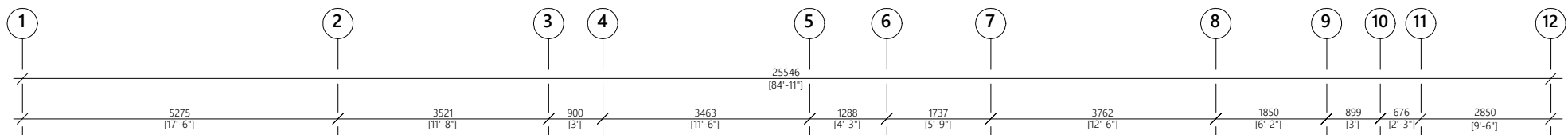
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STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
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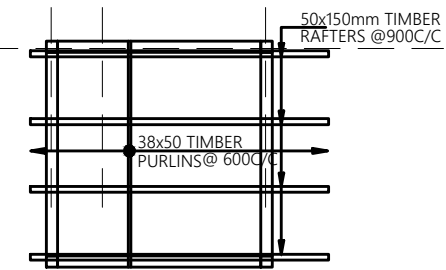
ROOF BEAM PLAN

CODE	DATE	DWG. NO:
---	2023.07.03	ST03
FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A
PDF FILE NAME: --- *** ****_ST03_A		



- 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
SCALE 1:100



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DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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STRUCTURAL

ROOF FRAMING PLAN

CODE	DATE	DWG. NO:
---	2023.07.03	ST04
FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A
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REVISIONS

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PROPOSED SINGLE STOREY BUILDING AT COUNCIL BUILDING

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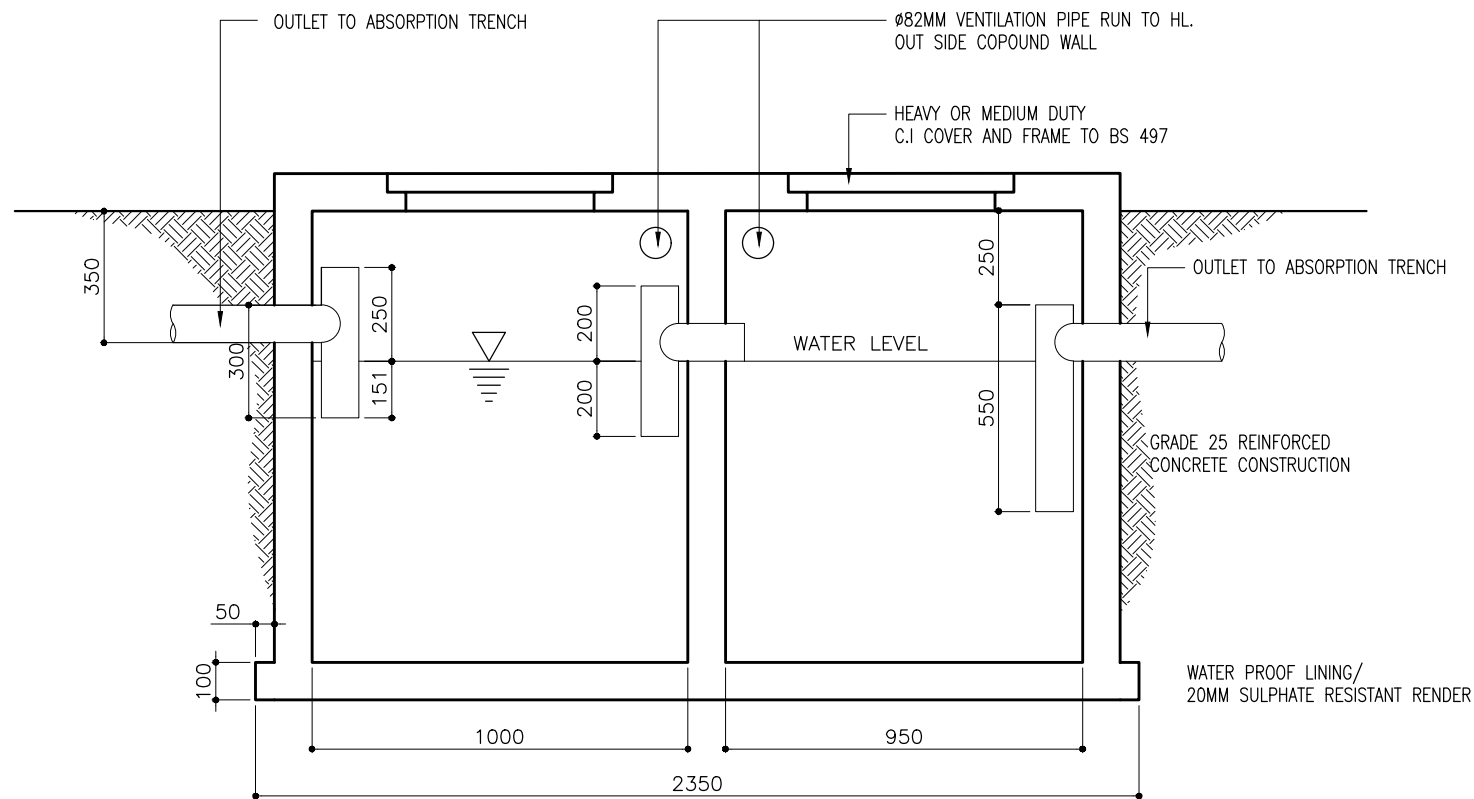
DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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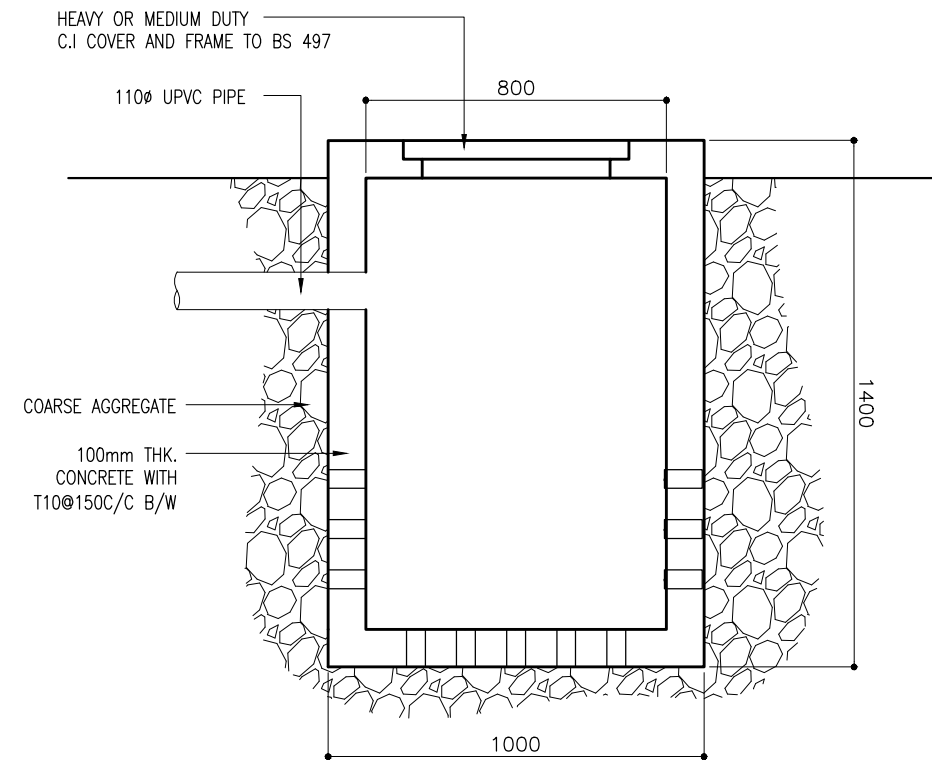
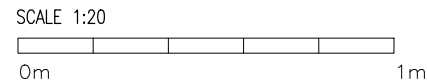
STRUCTURAL

SEPTIC TANK DETAILS

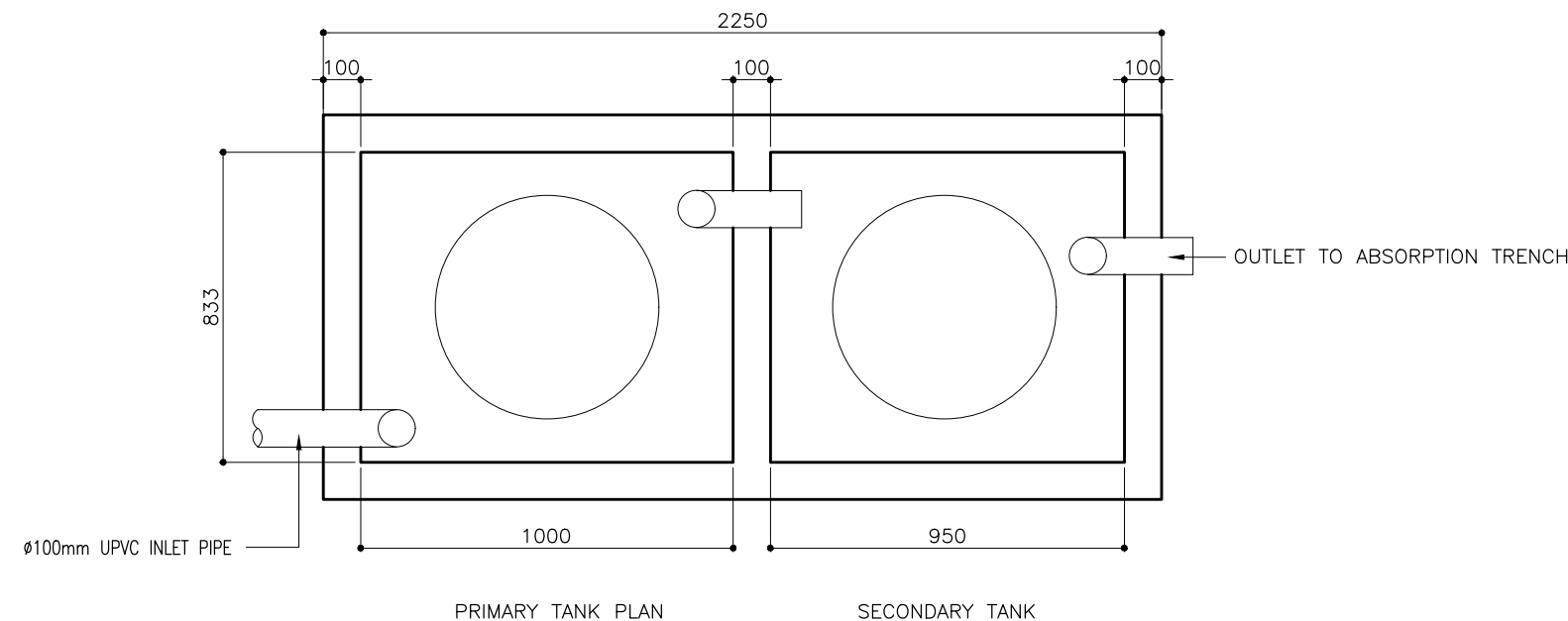
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SCALE	- - 1:20	ISSUE A
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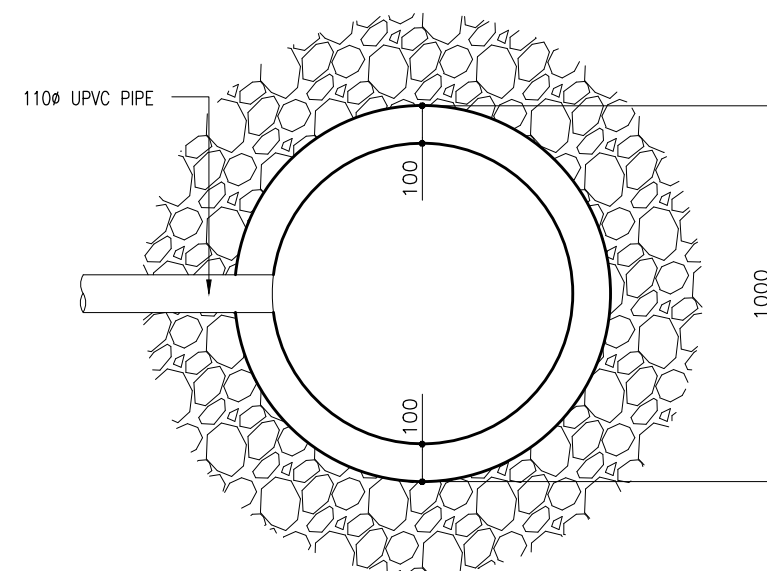
SEPTIC TANK SECTION



ABSORPTION TRENCH SECTION

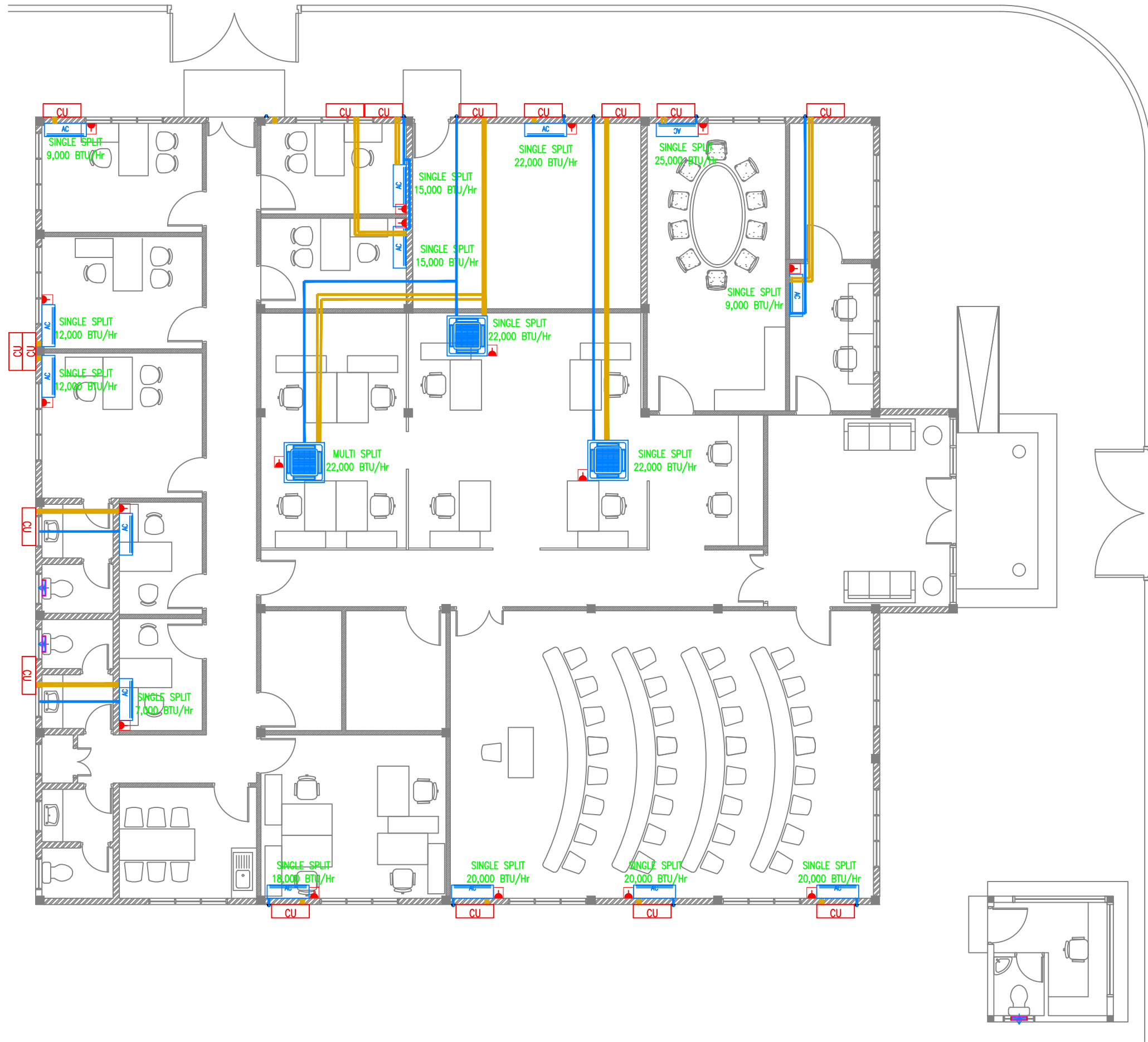


SEPTIC TANK PLAN



ABSORPTION TRENCH PLAN





- Legend**
- Refrigerant Pipes
 - 25Ø Condensate Drain Pipe
 - 40Ø 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

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LONUZIAARAFY MAGU, MALE', 20075, MALDIVES
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STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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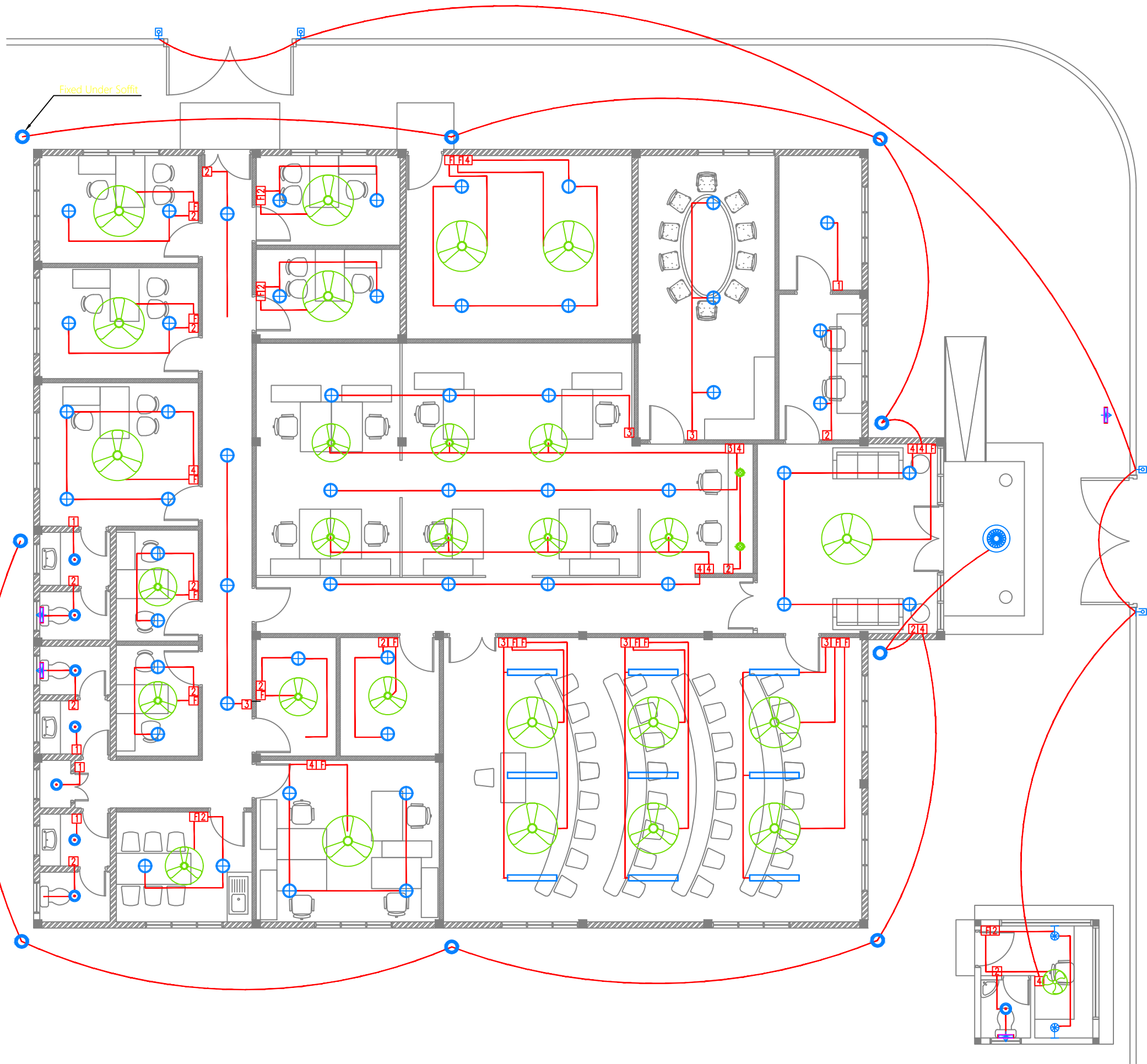
GROUND FLOOR ACV LAYOUT

CODE	DATE	DWG. NO:
---	2023.07.03	MEP01
FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A

PDF FILE NAME: --- ** ** ** MEP01_A

GROUND FLOOR ACV LAYOUT
SCALE 1:100

0m 5m



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

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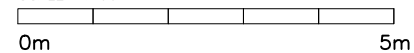
DWG. NAME:

MEP

GROUND FLOOR LIGHTING LAYOUT

CODE	DATE	DWG. NO:
---	2023.07.03	MEP02
FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A
PDF FILE NAME:	---	****_MEP02_A

GROUND FLOOR LIGHTING LAYOUT
SCALE 1:100





- 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

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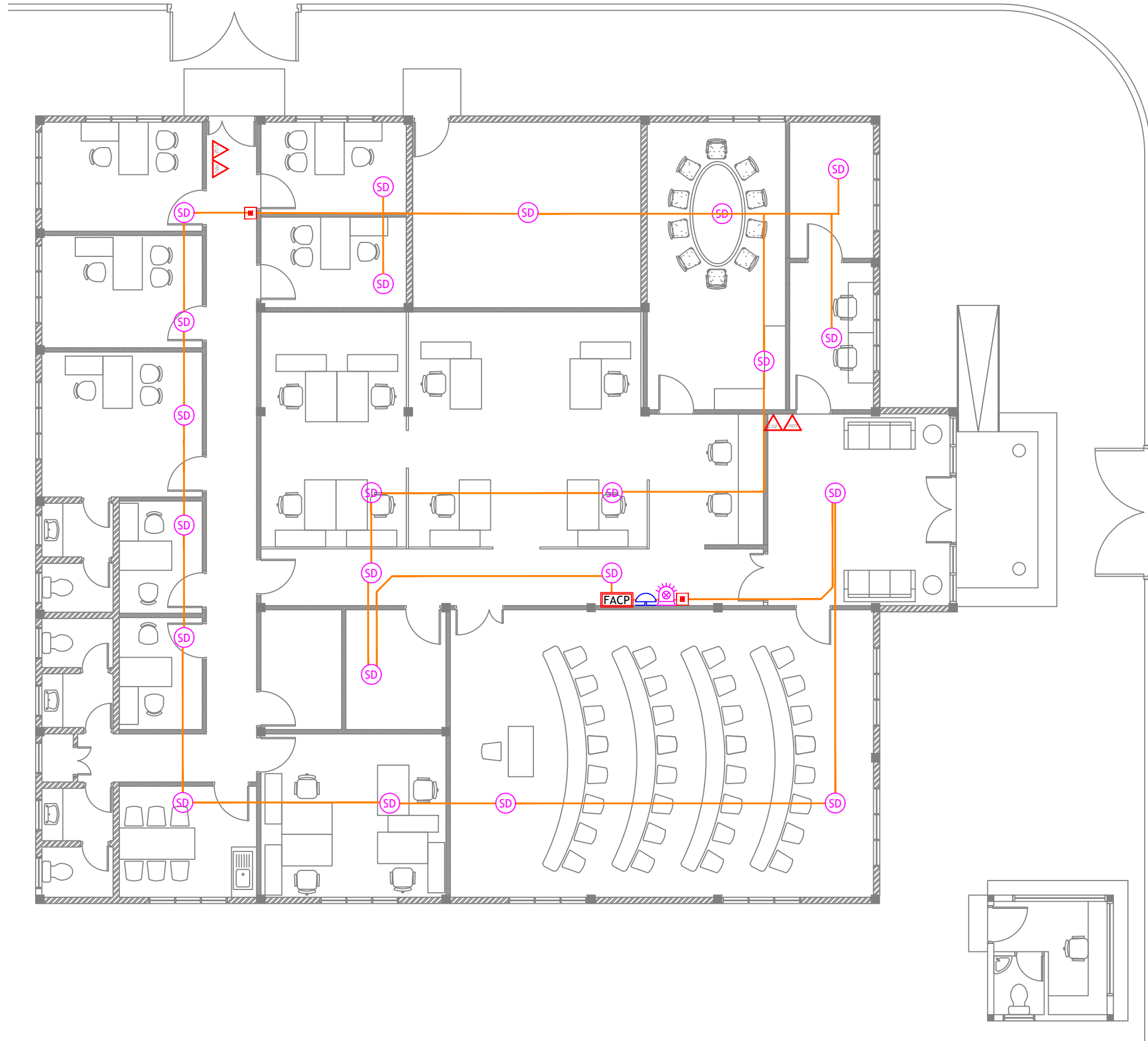
DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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GROUND FLOOR POWER LAYOUT

CODE	DATE	DWG. NO:
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FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A
PDF FILE NAME: ---_###_####_MEP03_A		

GROUND FLOOR POWER LAYOUT
SCALE 1:100



- 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
 - FACP Fire Alarm Control Panel

- WARNING:**
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/BACKET SHALL BE HOT DIPPED GALVANIZED.

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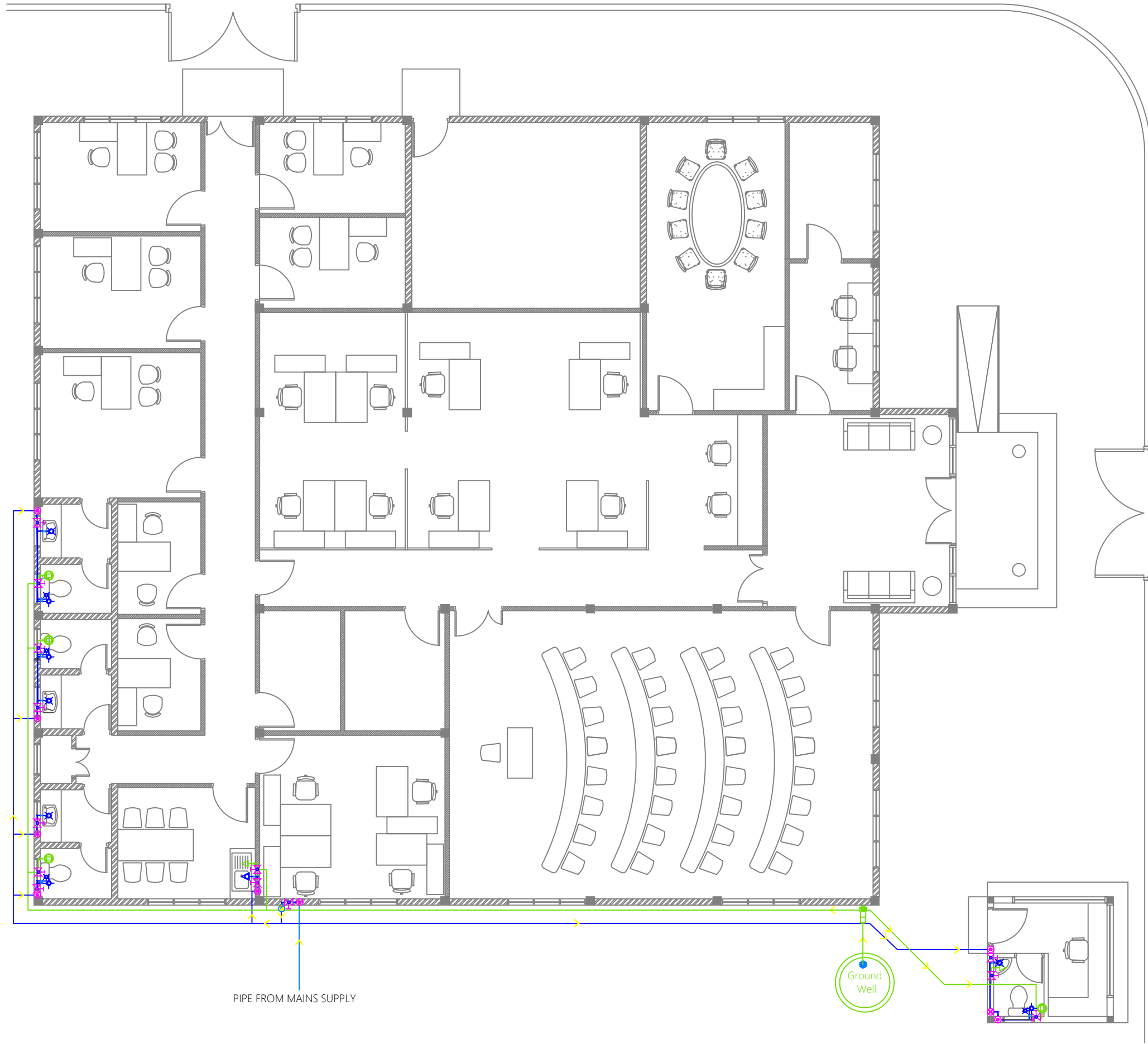
DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

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GROUND FLOOR FDP LAYOUT

CODE	DATE	DWG. NO:
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FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A
PDF FILE NAME: ---_***_****_MEP04_A		

GROUND FLOOR FDP LAYOUT
SCALE 1:100
0m 5m



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

CLIENT:
LOCAL GOVERNMENT AUTHORITY (LGA)

DESIGN AND CONSULTANCY:
SIARCH
PRIVATE LIMITED
LONUZYAARAH MAGU MALE' 20075, MALDIVES
EMAIL: INFO@SIARCH.DESIGN
HTTP://WWW.SIARCH.DESIGN

KEY PLAN:

WARNING:

- This drawing shall not be used for construction unless certified.
- Contractor to verify all dimensions of existing works on site before commencing any work or preparing shop drawings.
- Do not scale drawings, use written dimensions only.
- This drawing is to be read in conjunction with the specifications and conditions of contract.
- This drawing and design is copyright and no portion may be reproduced without the permission of the Consultant

REVISIONS

NO	DESCRIPTION	DATE

PROJECT:
PROPOSED SINGLE STOREY BUILDING AT COUNCIL BUILDING

PHASE:

- CONCEPT DESIGN
- DESIGN DEVELOPMENT
- TENDER DOCUMENT
- FOR CONSTRUCTION
- AS BUILD DRAWINGS

DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

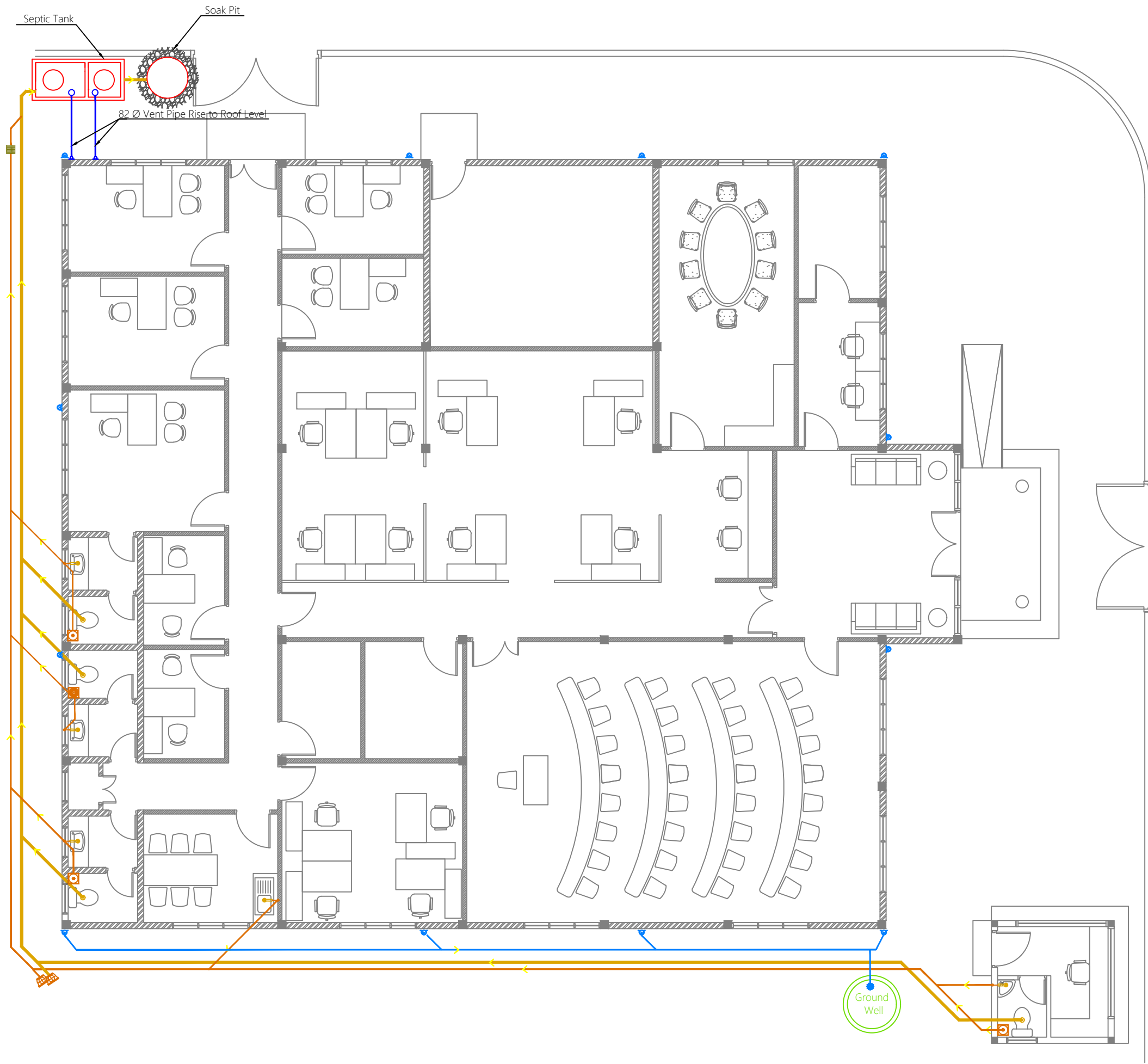
DWG. NAME:
MEP

GROUND FLOOR PLUMBING LAYOUT

CODE	DATE	DWG. NO:
---	2023.07.03	MEP05
FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A
PDF FILE NAME: --- *** **** MEP05_A		

GROUND FLOOR PLUMBING LAYOUT





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

CLIENT:
LOCAL GOVERNMENT AUTHORITY (LGA)

DESIGN AND CONSULTANCY:
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KEY PLAN:

WARNING:

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REVISIONS		
NO	DESCRIPTION	DATE

PROJECT:
PROPOSED SINGLE STOREY BUILDING AT COUNCIL BUILDING

- PHASE:
- CONCEPT DESIGN
 - DESIGN DEVELOPMENT
 - TENDER DOCUMENT
 - FOR CONSTRUCTION
 - AS BUILD DRAWINGS

DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

DWG. NAME:
MEP

GROUND FLOOR DRAINAGE LAYOUT

CODE	DATE	DWG. NO:
---	2023.07.03	MEP06
FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A
PDF FILE NAME: ---_***_****_MEP06_A		

GROUND FLOOR DRAINAGE LAYOUT
SCALE 1:100

CLIENT:
LOCAL GOVERNMENT AUTHORITY (LGA)

DESIGN AND CONSULTANCY:
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KEY PLAN:

WARNING:

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REVISIONS

NO	DESCRIPTION	DATE

PROJECT:
PROPOSED SINGLE STOREY BUILDING AT COUNCIL BUILDING

PHASE:

- CONCEPT DESIGN
- DESIGN DEVELOPMENT
- TENDER DOCUMENT
- FOR CONSTRUCTION
- AS BUILD DRAWINGS

DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
ARCHITECT	AHSAN	
CHECKED	MOHAMED SIRAJ	
DRAWN	SASU	

DWG. NAME:
MEP

ROOF DRAINAGE LAYOUT

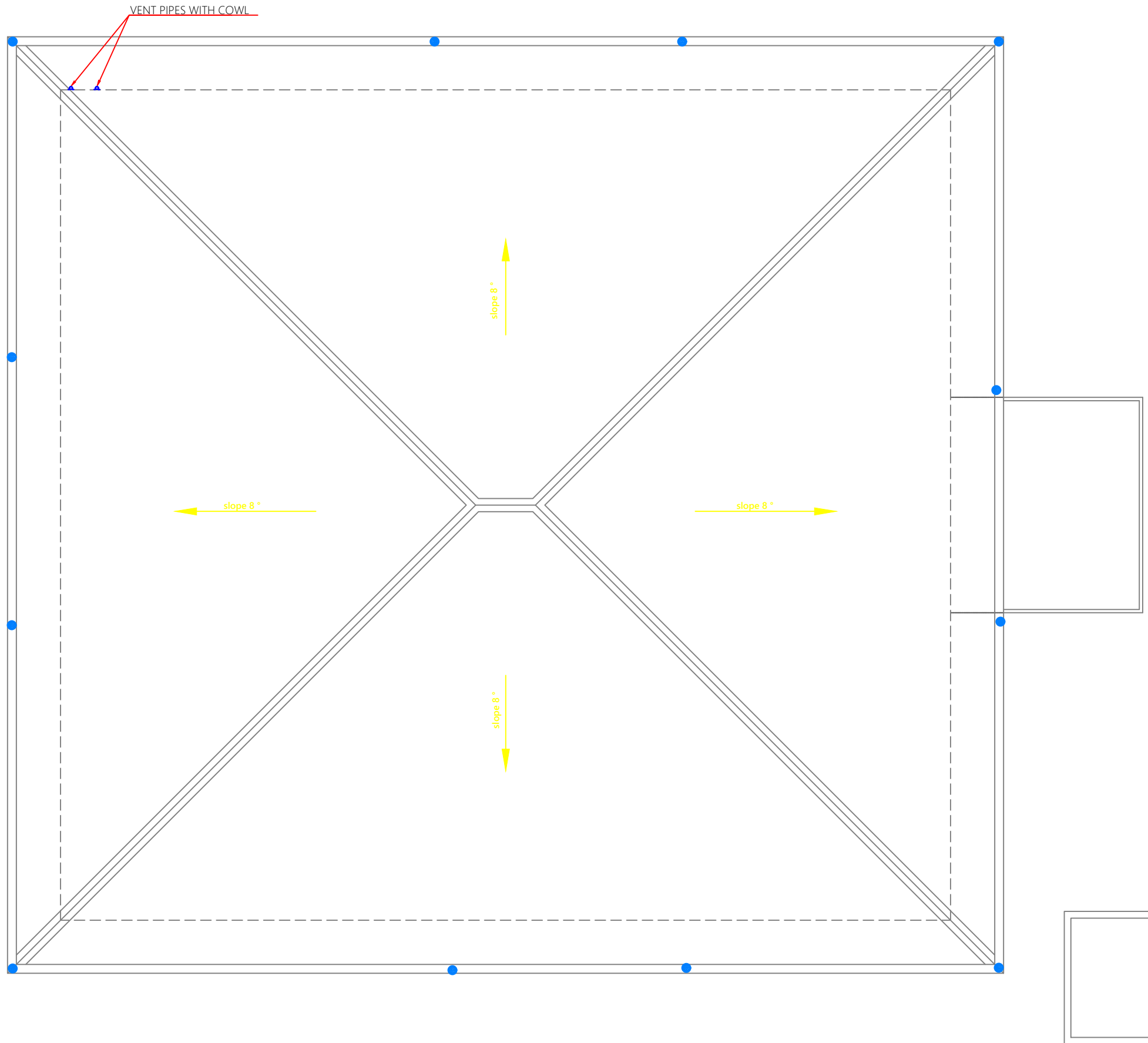
CODE	DATE	DWG. NO:
---	2023.07.03	MEP07
FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A
PDF FILE NAME: --- *** ***_MEP07_A		

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



VENT PIPES WITH COWL

ROOF DRAINAGE LAYOUT

SCALE 1:100

