

Proposed Multipurpose Hall Building at AA.Thoddoo School

SERVICES DRAWINGS
Client: Ministry of Education

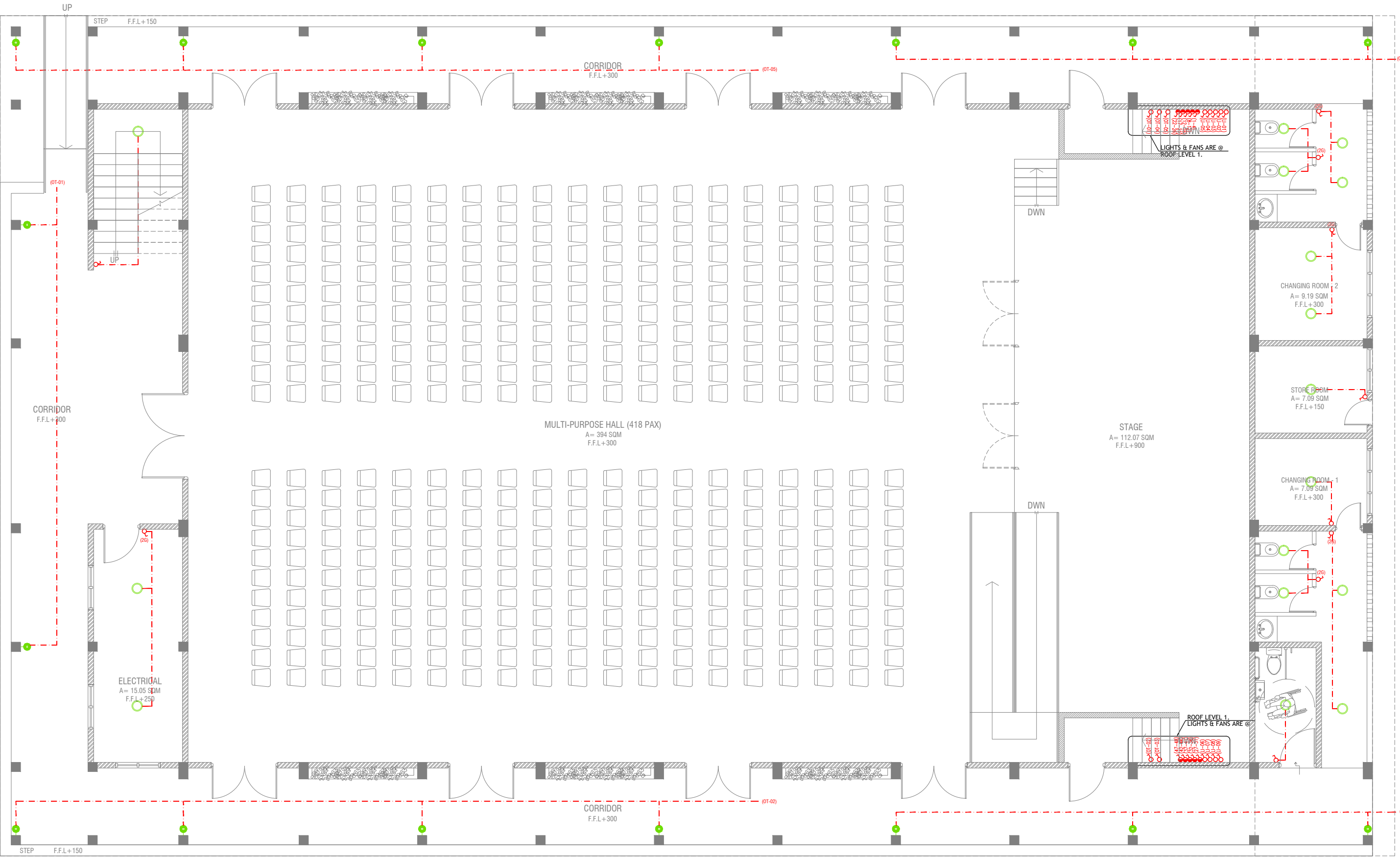


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3rd floor, H. Azum, Ameenemogu, Male

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GROUND FLOOR LIGHTING LAYOUT

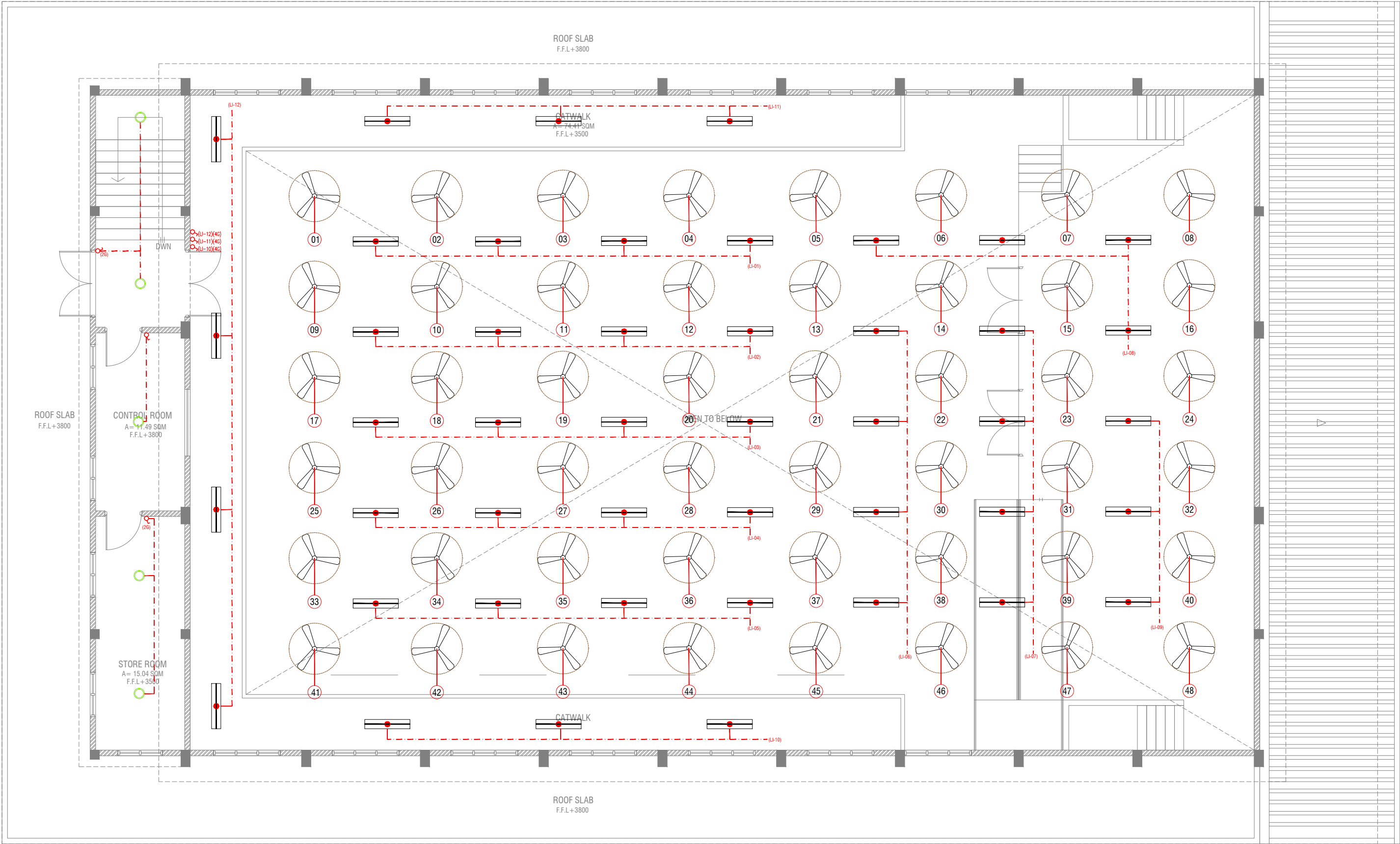
SCALE 1:100

LEGEND

- 4 x 55W PLL Lamps
(Wire guard, Polycarbonate diffuser, Emergency and dimming versions)
- C2 CEILING DOWN LIGHT (18W)
- CEILING FAN (52" - 54")
- WPD OUT DOOR WALL LIGHT

- LIGHT SWITCH
- CEILING FAN SWITCH
- CIRCUIT LINE
- SWITCHING LINE

NOTE:
-THE DOWNROD OF THE FANS IN THE HALL SHOULD BE NOT LESS THAN 60"



FIRST FLOOR LIGHTING LAYOUT

SCALE 1:100



LEGEND

4 x 55W PLL Lamps
(Wire guard, Polycarbonate diffuser, Emergency and dimming versions)

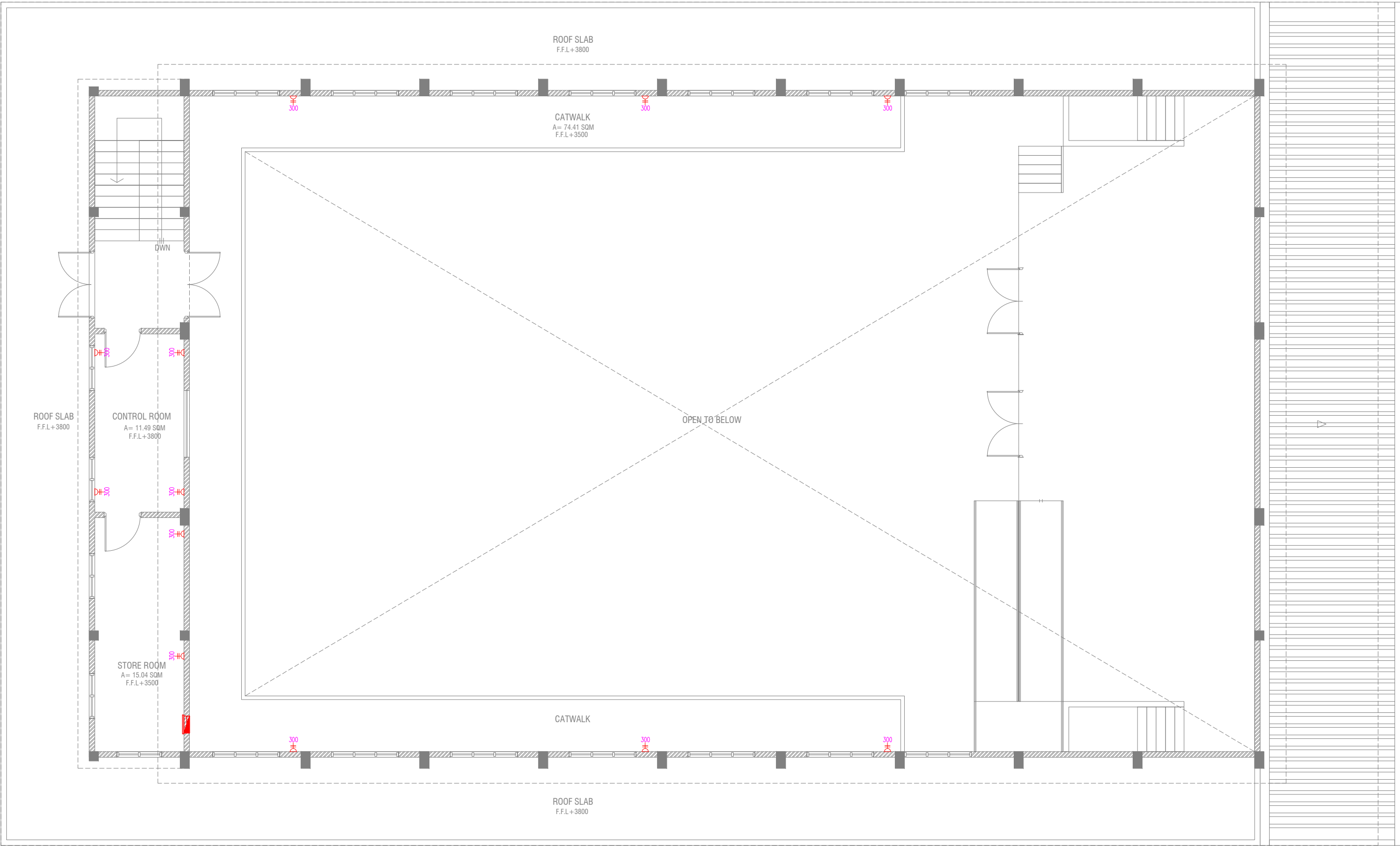
C2 CEILING DOWN LIGHT (18W)

CEILING FAN (52" - 54")

WPD OUT DOOR WALL LIGHT

LIGHT SWITCH
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NOTE:
-THE DOWNROD OF THE FANS IN THE HALL SHOULD BE NOT LESS THAN 60"

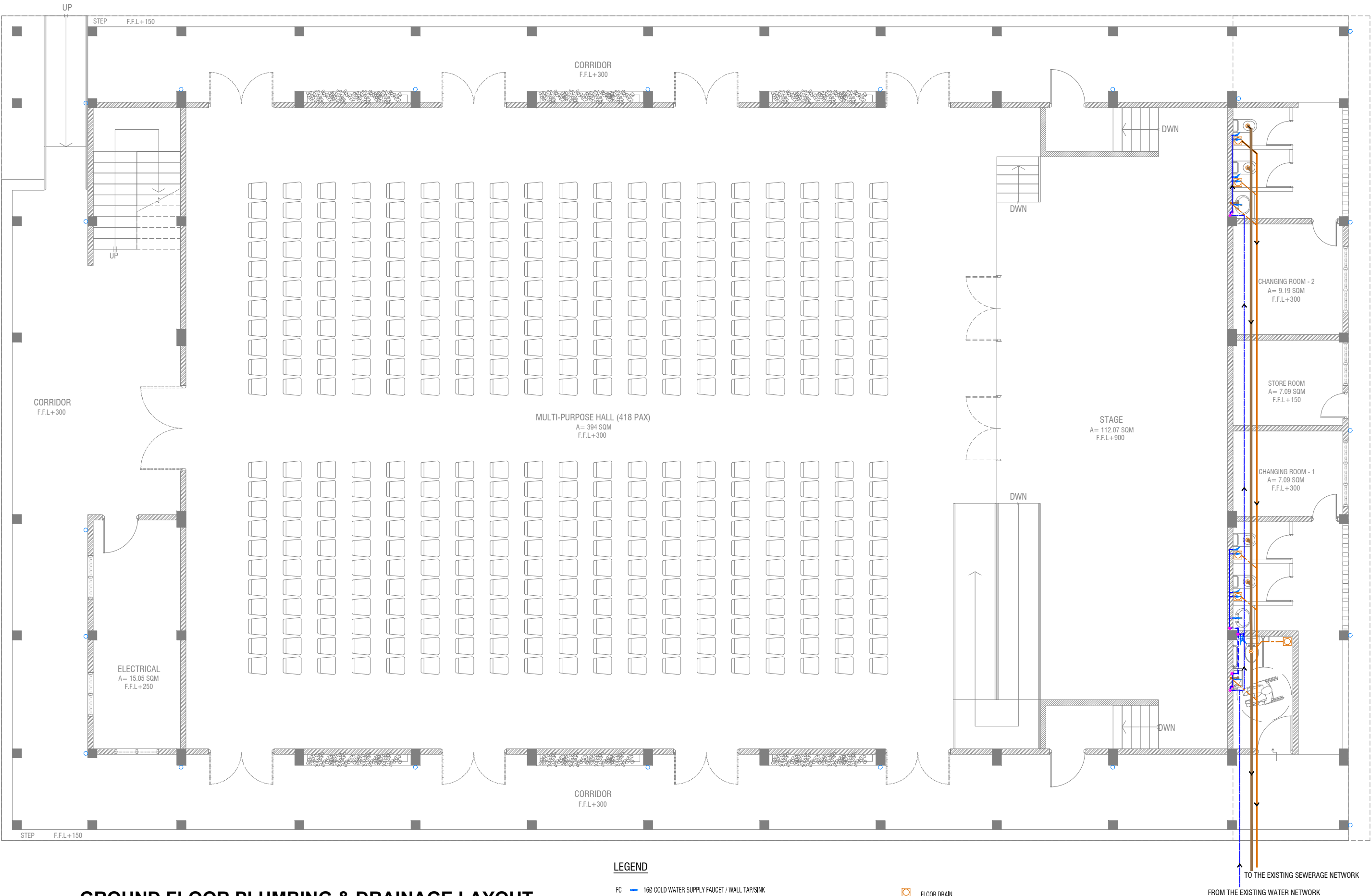


FIRST FLOOR POWER LAYOUT

SCALE 1:100



- △ PHONE EXTENSION
- ▲ COMPUTER NETWORK OUTLET (RJ 45 CONNECTORS)
- ▲ TELEPHONE OUTLET (RJ11, CONNECTOR)
- ⬆ 13A POWER POINT
- ⬆ 13A TWIN SOCKET OUTLET
- ⬆ 15A.SWITCHED/ SPUR UNIT @ H.L.
- ⬆ DISTRIBUTION BOX
- WS WALL SPEAKERS AT CEILING LEVEL



GROUND FLOOR PLUMBING & DRAINAGE LAYOUT

SCALE 1:100



LEGEND

- FC

160 COLD WATER SUPPLY FAUCET / WALL TAP/SINK
- GV

160 COLD WATER SUPPLY TO CISTERN
- GATE VALVE
- RISE IN WALL
- DROP IN WALL
- 320 COLD WATER SUPPLY PIPES RUNNING UNDERGROUND
- 250 COLD WATER SUPPLY PIPES RUNNING IN WALLS
- 250 COLD WATER SUPPLY PIPES RUNNING UNDERGROUND
- 250 COLD WATER SUPPLY PIPES RUNNING ABOVE FALSE CEILING
- FLOOR DRAIN
- FLOOR GULLY
- 1100 SOIL PIPE (CPVC PIPE)
- 820 WASTE PIPE (CPVC PIPE)
- 400 WASTE PIPE (CPVC PIPE)
- 500 WASTE PIPE (CPVC PIPE)
- 820 MANHOLE VENT PIPE (CPVC PIPE)
- BOTTLE TRAP

NOTES:-

-ALL COLD WATER PIPES SHOULD BE CPVC

AA Thoddoo School Hall

Client: Ministry of Education

Project Number: B/2017/012

Date: February 2019

Architect: Razana Amir

Engineer: Ahmed Zuhair Zakiem

Services: Architectural, Structural, Mechanical, Electrical, Plumbing, Sanitary, Fire Protection

Interior: -

Rev no

Date

1

1

2

2

3

3

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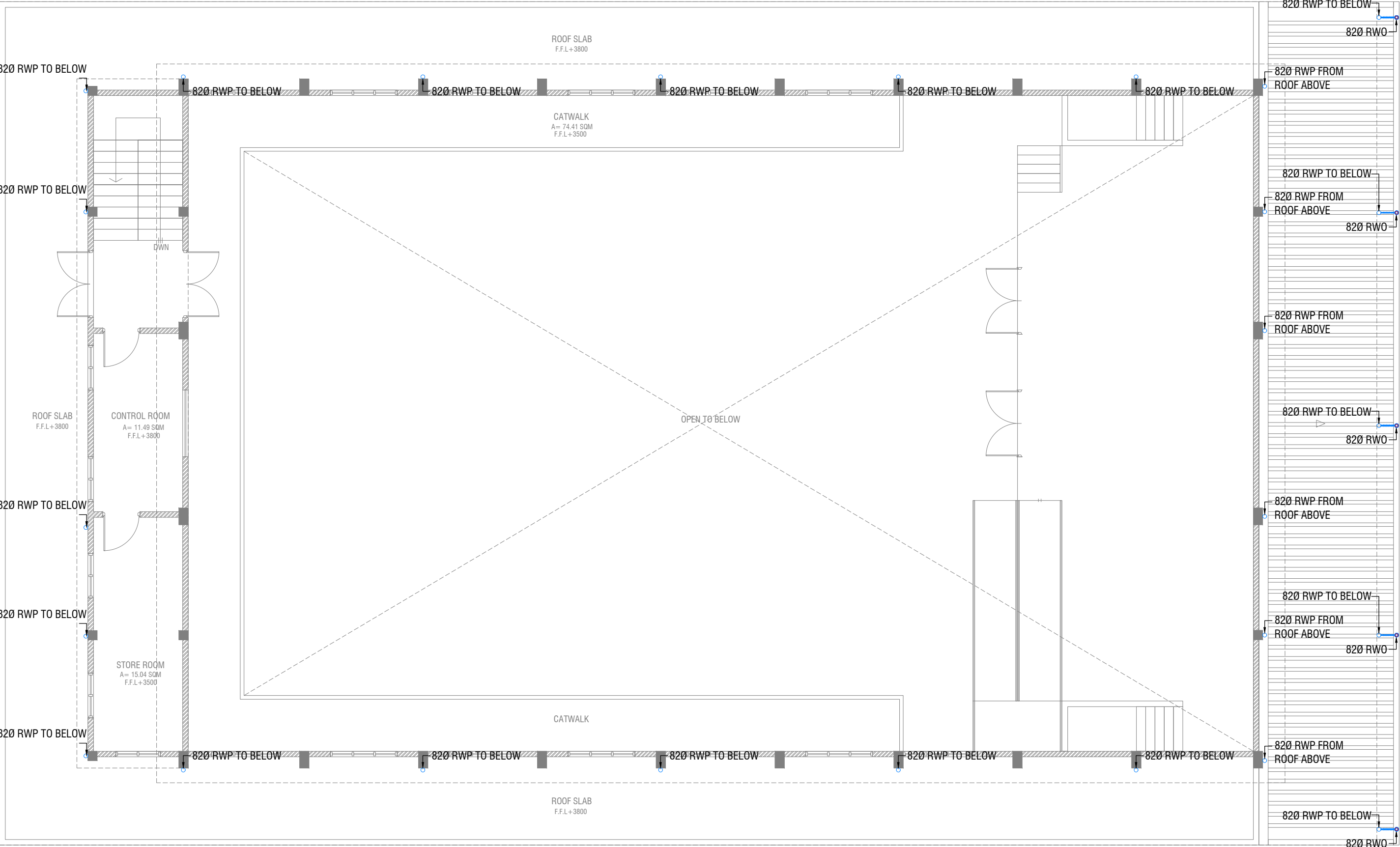
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3rd floor, H. Azam, Alwanemengala, Male'

Title: Ground Floor Plumbing & Drainage Layout

Page: DR - 01/04

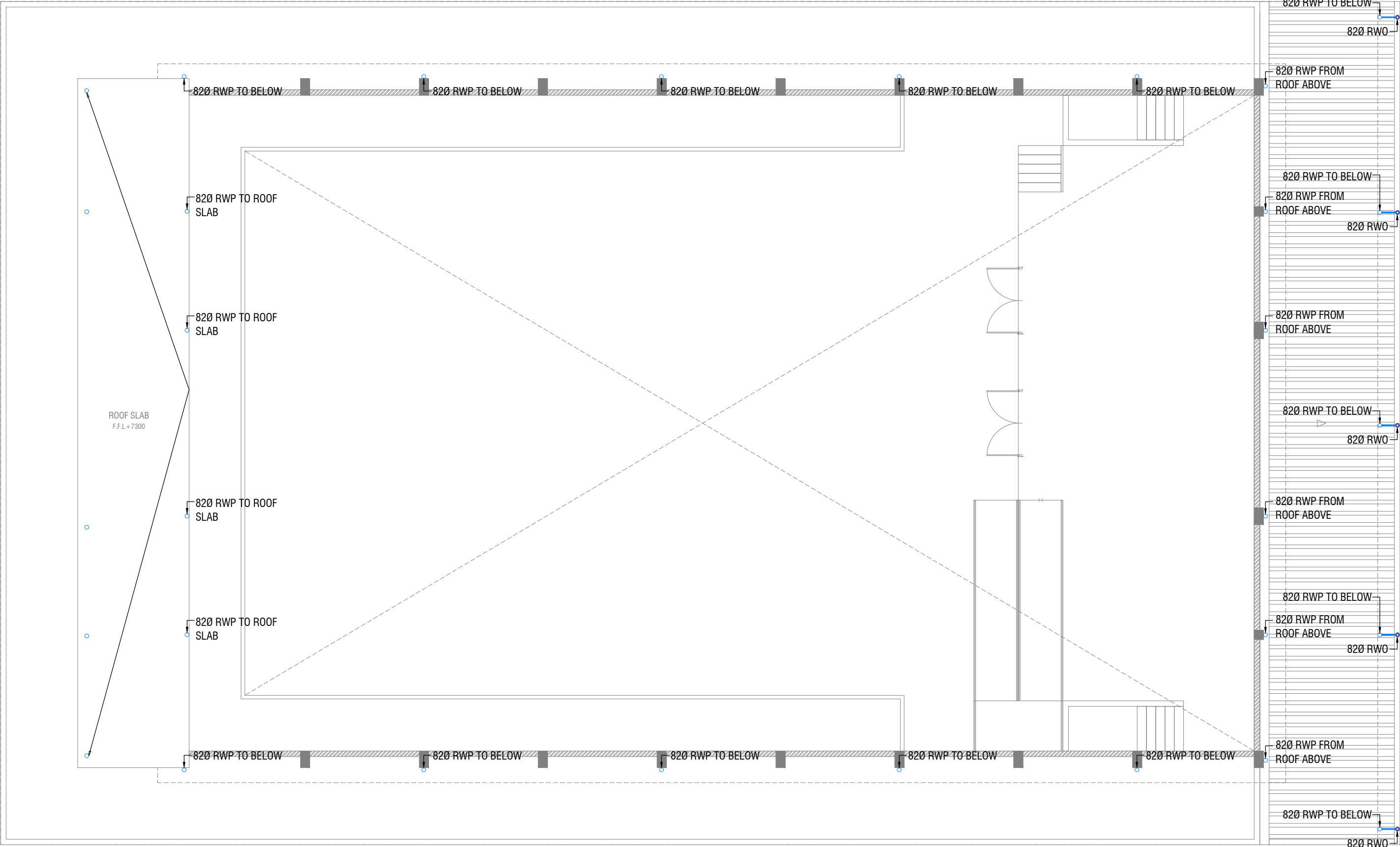
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FIRST FLOOR DRAINAGE LAYOUT

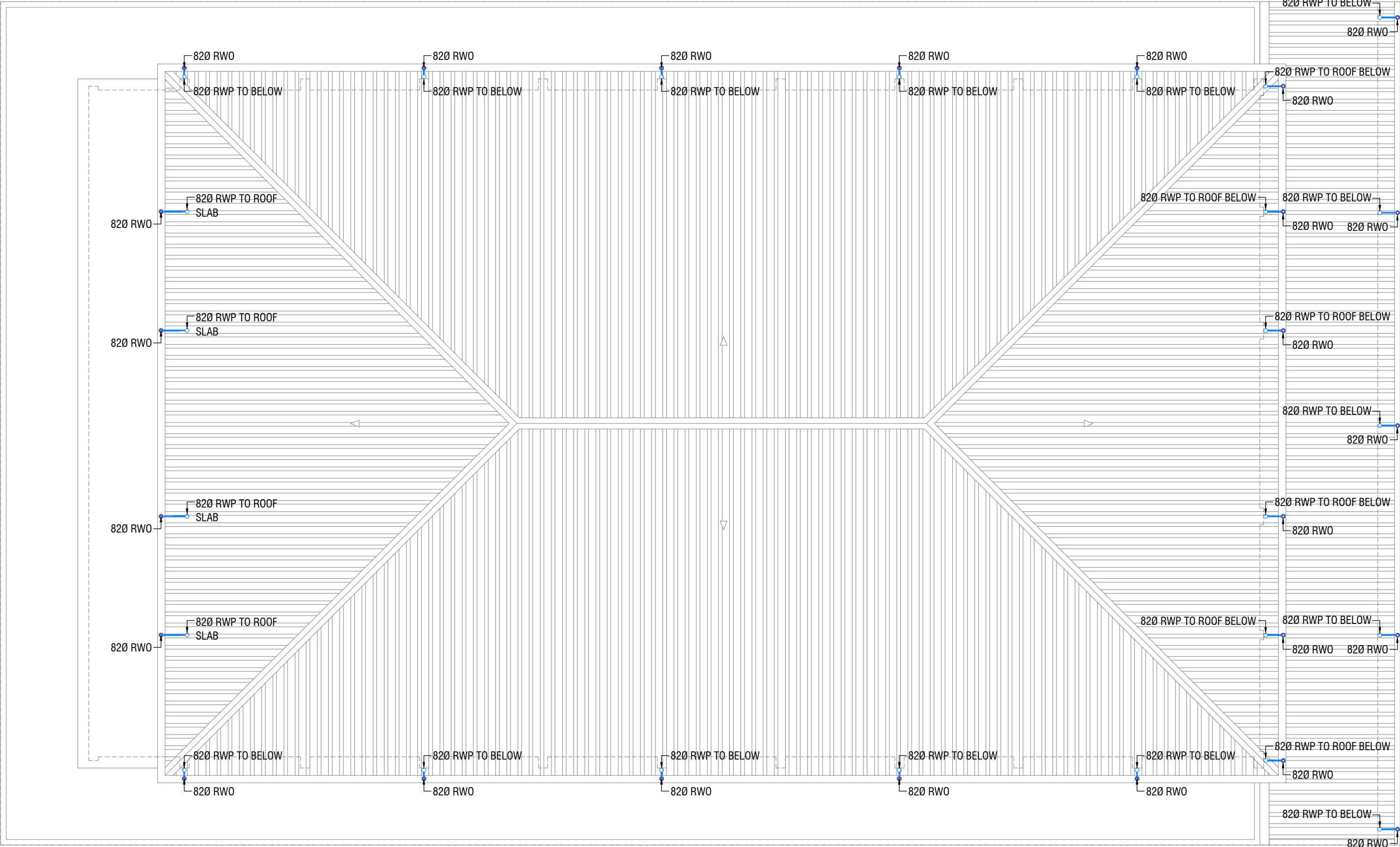


AA.Thoddoo School Hall
Client: Ministry of Education
Project Number: B/2017/012
Date: February 2019
Architect: Razana Amir
Engineer: Ahmed Zuhair Zakiem
Services: Alham Alhami
Interior: -



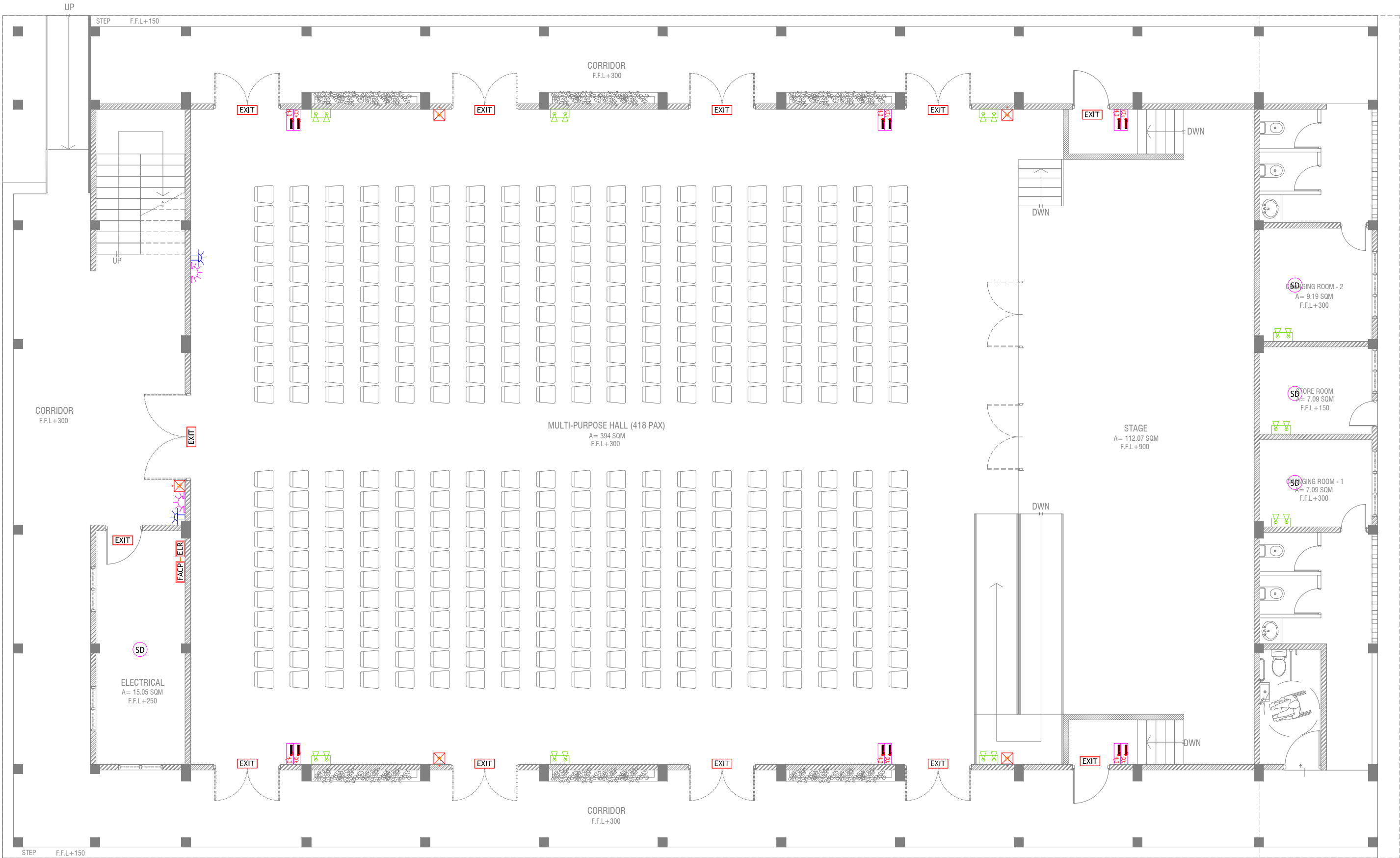
ROOF PLAN - 1 DRAINAGE LAYOUT

SCALE 1:100
0 0.5 1 2 3 4 5



ROOF PLAN - 2 DRAINAGE LAYOUT





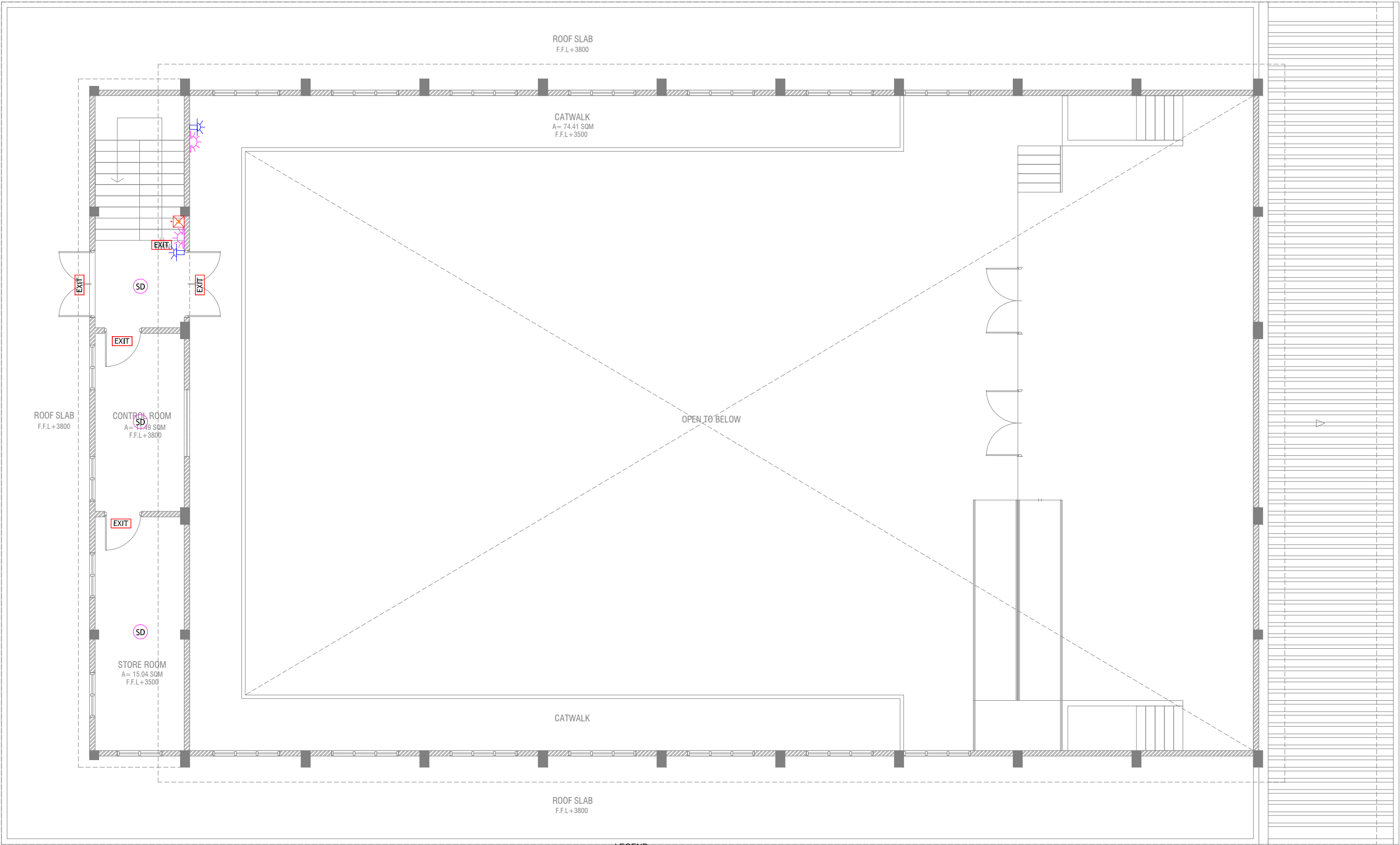
GROUND FLOOR FDP LAYOUT

SCALE 1:100



LEGEND	
	SMOKE DETECTOR
	HEAT DETECTOR
	EXIT SIGN
	EMERGENCY LIGHT
	CO ₂ EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE(TYP.)
	WET CHEMICAL FIRE EXTINGUISHER (LOAD: 7.2KG)
	H ₂ O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE(TYP.)
	END OF LINE RESISTANCE
	FIRE ALARM CONTROL PANEL
	MANUAL CALL POINT (RESETTABLE)
	BEACON
	SOUNDER/BELL (85 DB)

- ALL FIRE RATED DOOR SHOULD COME WITH PACKING (EXPANSION SEAL TRAP)
1. ALL PIPES SHOULD BE GALVANIZED, SCHEDULE 40.
 2. ALL PIPE SHALL BE PAINTED IN RED AS PER REGULATION.
 3. ALL SUPPORT/BRAKET SHALL BE HOT DIPPED GALVANIZED TO 100MM.
 4. ALL FIRE EXTINGUISHER INSIDE CABINETS. (CABINET SHOULD BE PROVIDED)



FIRST FLOOR FDP LAYOUT

SCALE 1:100



LEGEND

- SMOKE DETECTOR
- HEAT DETECTOR
- EXIT SIGN
- EMERGENCY LIGHT

- CO₂ EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE(TYP.)
- WET CHEMICAL FIRE EXTINGUISHER (LOAD 7.2KG)
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3rd floor, H. Azam, Arinmenemgala, Male'



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Title: 1st Floor
FDP Layout
Page: FDP - 02/02

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