

Proposed Multipurpose Hall Building at R.Alifushi School

SERVICES DRAWINGS
Client: Ministry of Education

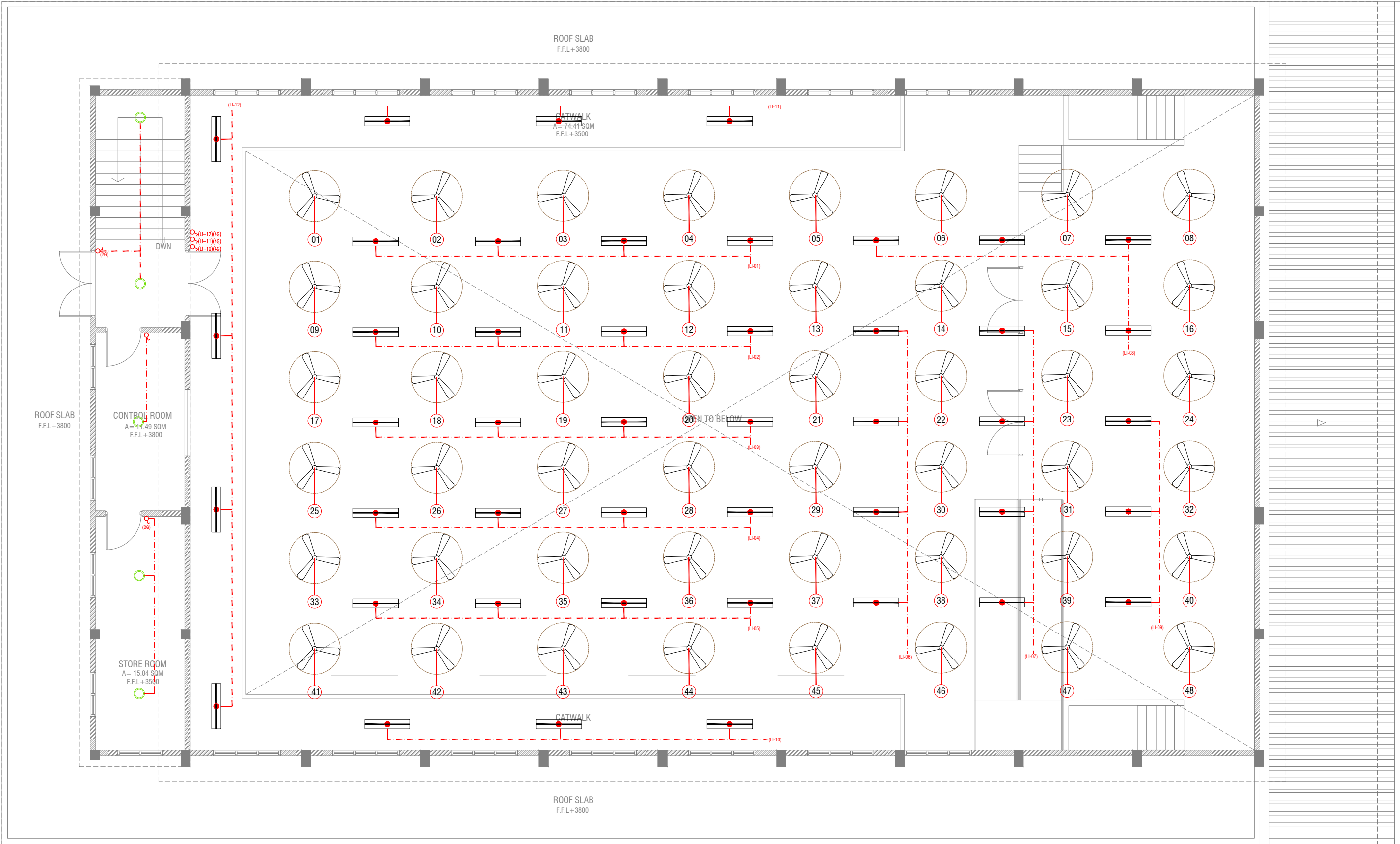


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3rd floor, H. Azum, Ameenemogu, Male

TABLE OF CONTENTS

DRAWING No.	TITLE	REVISION No.	DATE	REMARKS
A R C H I T E C T U R A L		01	11 June 2019	---
EL - 01 / 02	GROUND FLOOR LIGHTING LAYOUT	---	---	---
EL - 02 / 02	1ST FLOOR LIGHTING LAYOUT	---	---	---
EP - 01 / 02	GROUND FLOOR POWER LAYOUT	---	---	---
EP - 02 / 02	1ST FLOOR POWER LAYOUT	---	---	---
DR - 01 /04	GROUND FLOOR PLUMBING & DRAINAGE LAYOUT	---	---	---
DR - 02 /04	1ST FLOOR DRAINAGE LAYOUT	---	---	---
DR - 03 /04	ROOF PLAN -1 DRAINAGE LAYOUT	---	---	---
DR - 04 /04	ROOF PLAN -2 DRAINAGE LAYOUT	---	---	---
FDP - 01 / 02	GROUND FLOOR FDP LAYOUT	---	---	---
FDP - 02 / 02	1ST FLOOR FDP LAYOUT	---	---	---



FIRST FLOOR LIGHTING LAYOUT

SCALE 1:100



LEGEND

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

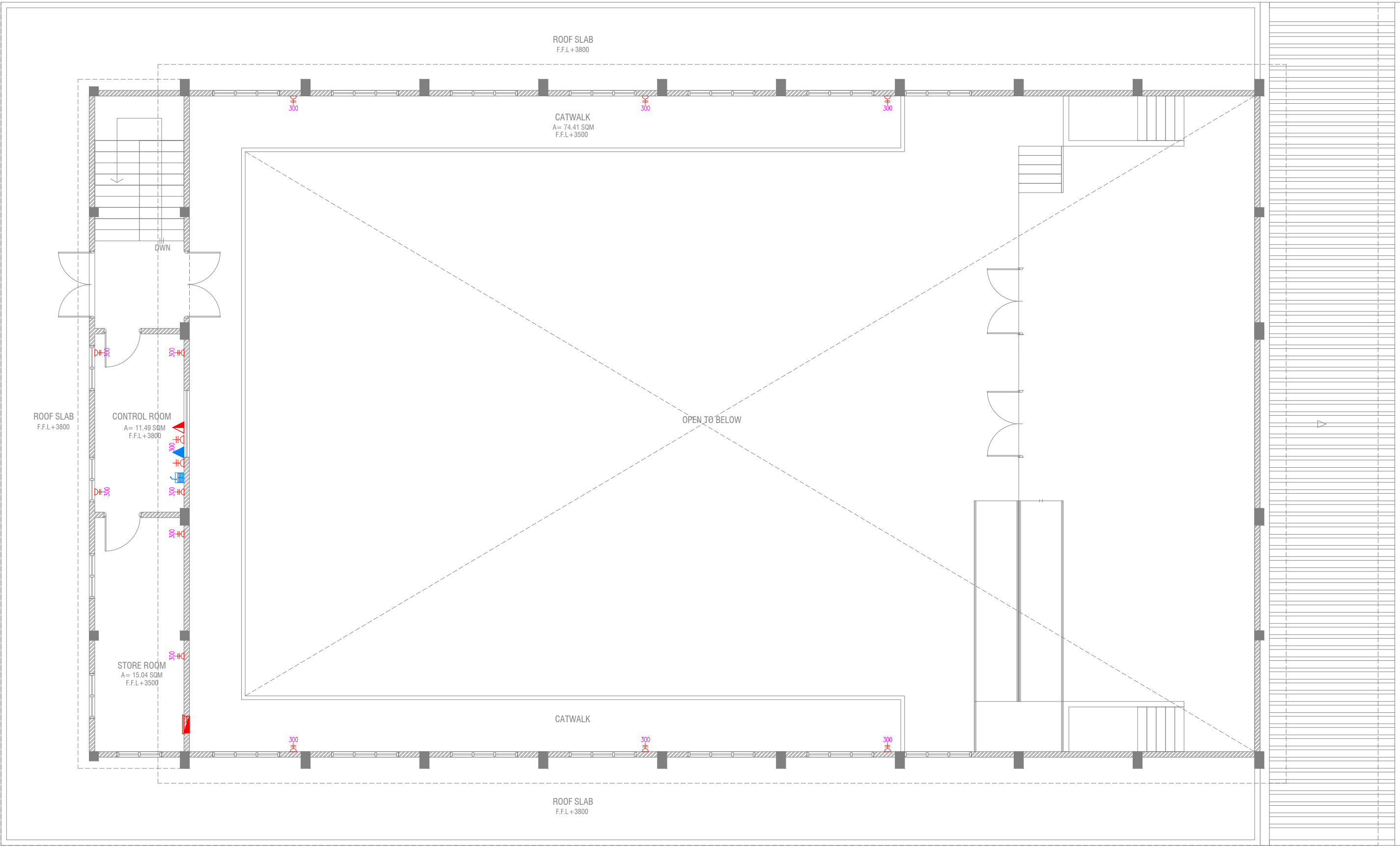
C2 CEILING DOWN LIGHT (18W)

CEILING FAN (52" - 54")

WPD OUT DOOR WALL LIGHT

LIGHT SWITCH
 CEILING FAN SWITCH
 CIRCUIT LINE
 SWITCHING LINE










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



FIRST FLOOR POWER LAYOUT

SCALE 1:100



-  PUBLIC ADDRESS SYSTEM
-  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
-  WALL SPEAKERS AT CEILING LEVEL

R.Alifushi School Hall
Client: Ministry of Education

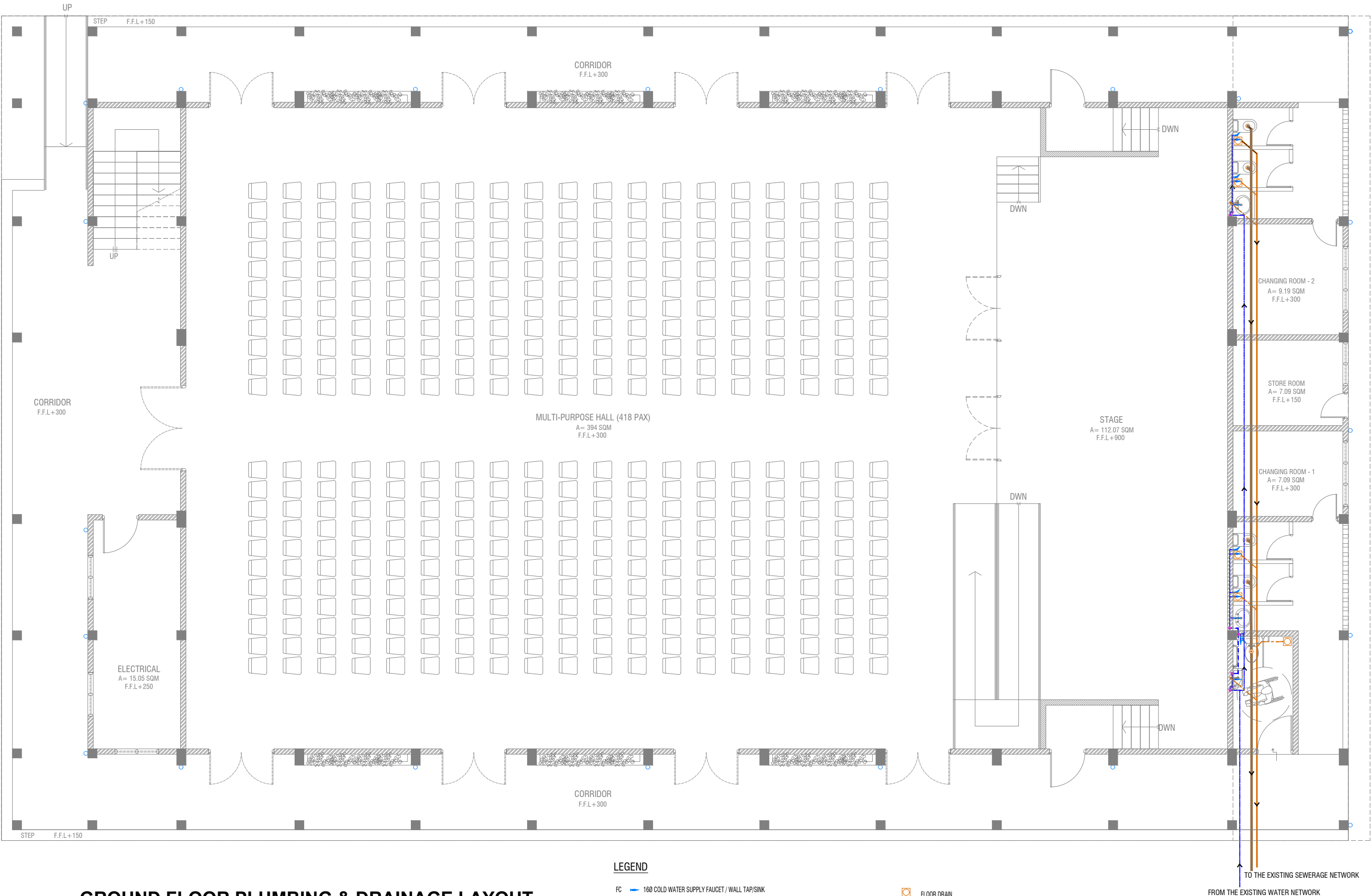
Rev no	Date
01	11 June 2019
Project Number: RI/2017/012	
Date: June 2019	
Architect: Hazana Amir	
Engineer: Ahmed Zuhair Zakiem	
Services: A/Shaif Ahmed	
Interior: -	



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

Title: 1st Floor
Power Layout
Page: EP - 02/02

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GROUND FLOOR PLUMBING & DRAINAGE LAYOUT

SCALE 1:100



LEGEND

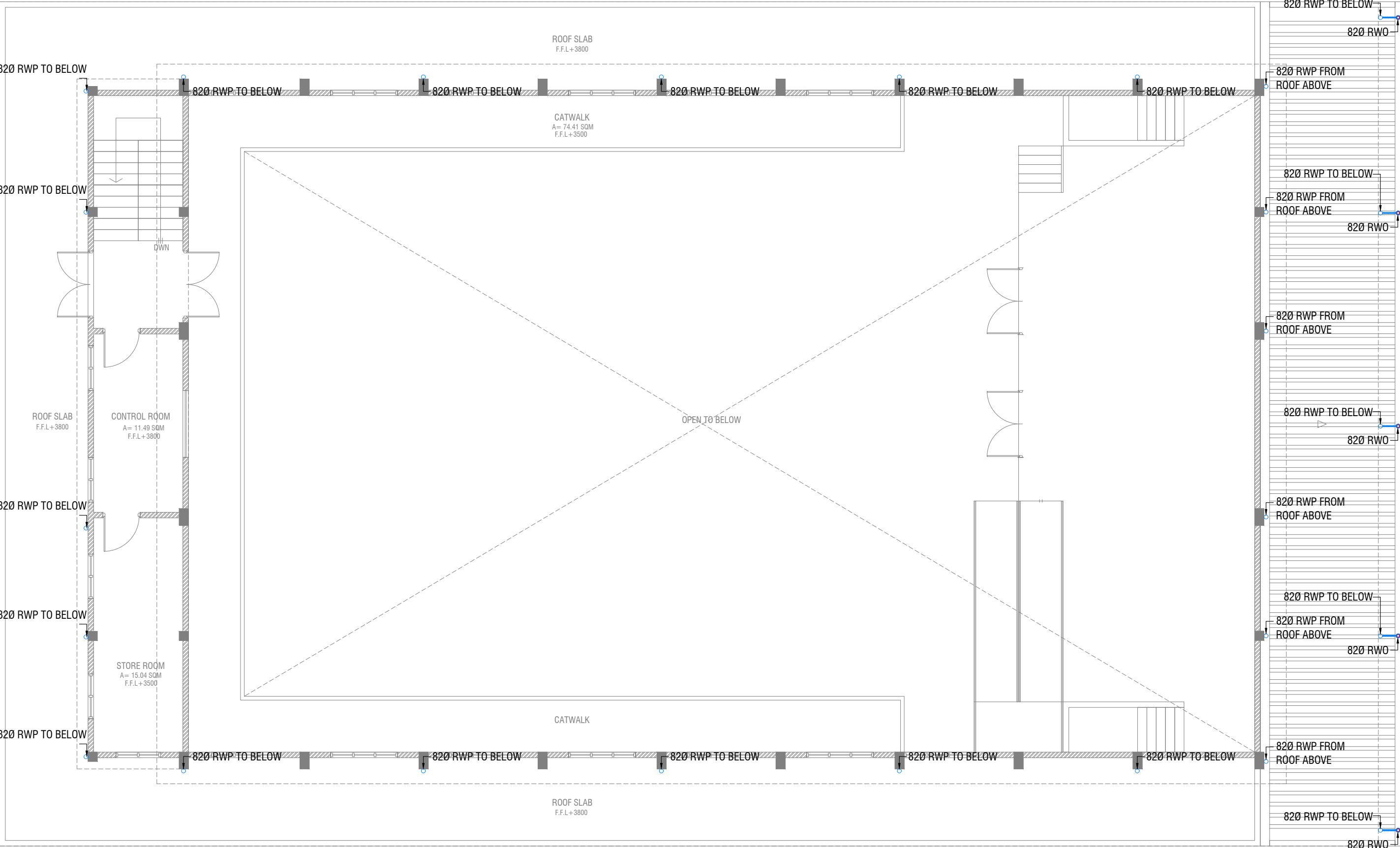
- FC

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



FIRST FLOOR DRAINAGE LAYOUT

SCALE 1:100



R.Alfushi School Hall	
Client: Ministry of Education	
Project Number: RI/2017/012	Date: June 2019
Architect: Razana Amir	Engineer: Ahmed Zuhair Zakiem
Services: Architectural	Interior: -
Rev no	Date
01	11 June 2019

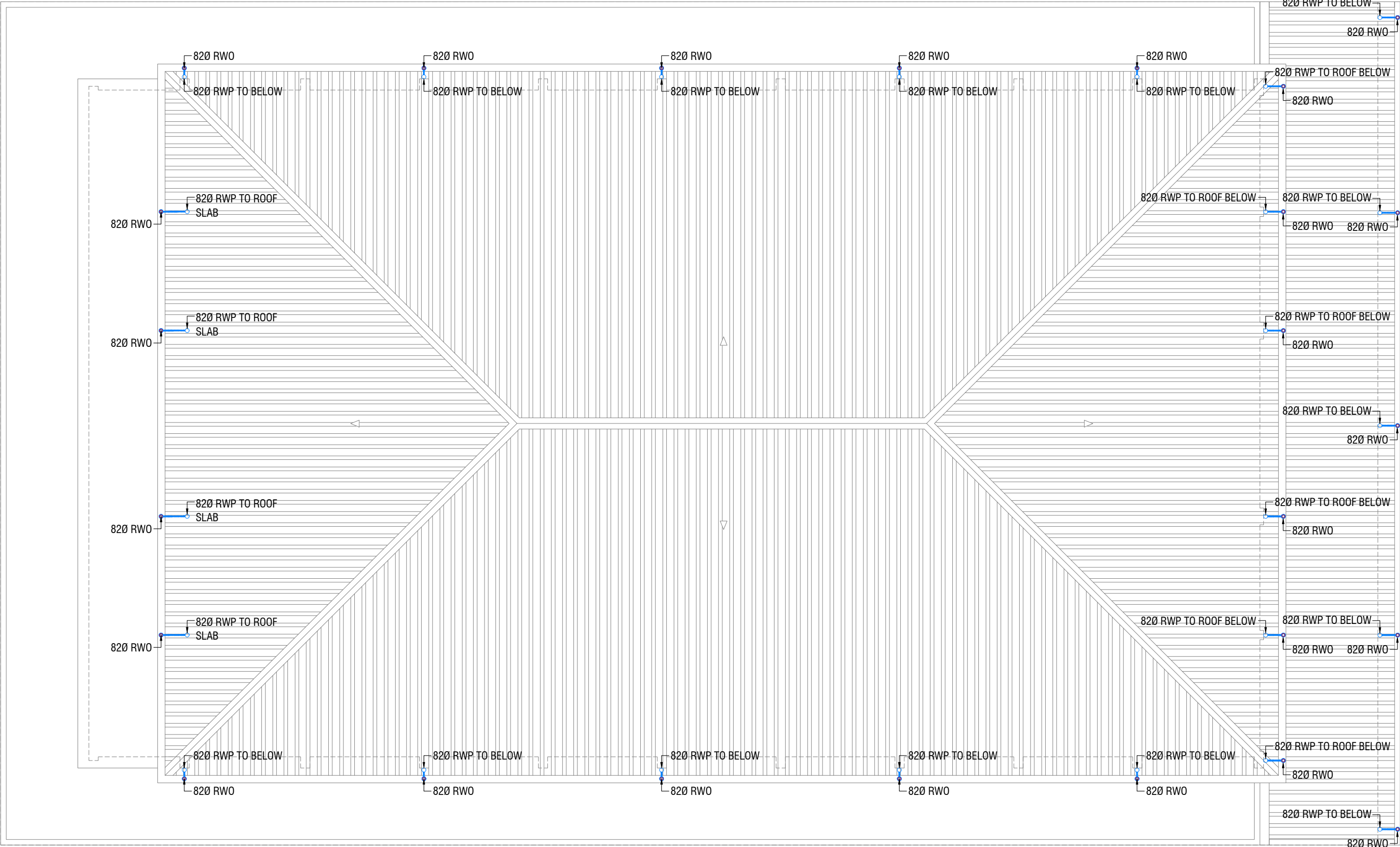


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3rd floor, H. Azam, Amnemenomogu, Malé

Title: 1st Floor
Drainage Layout
Page:DR - 02/04

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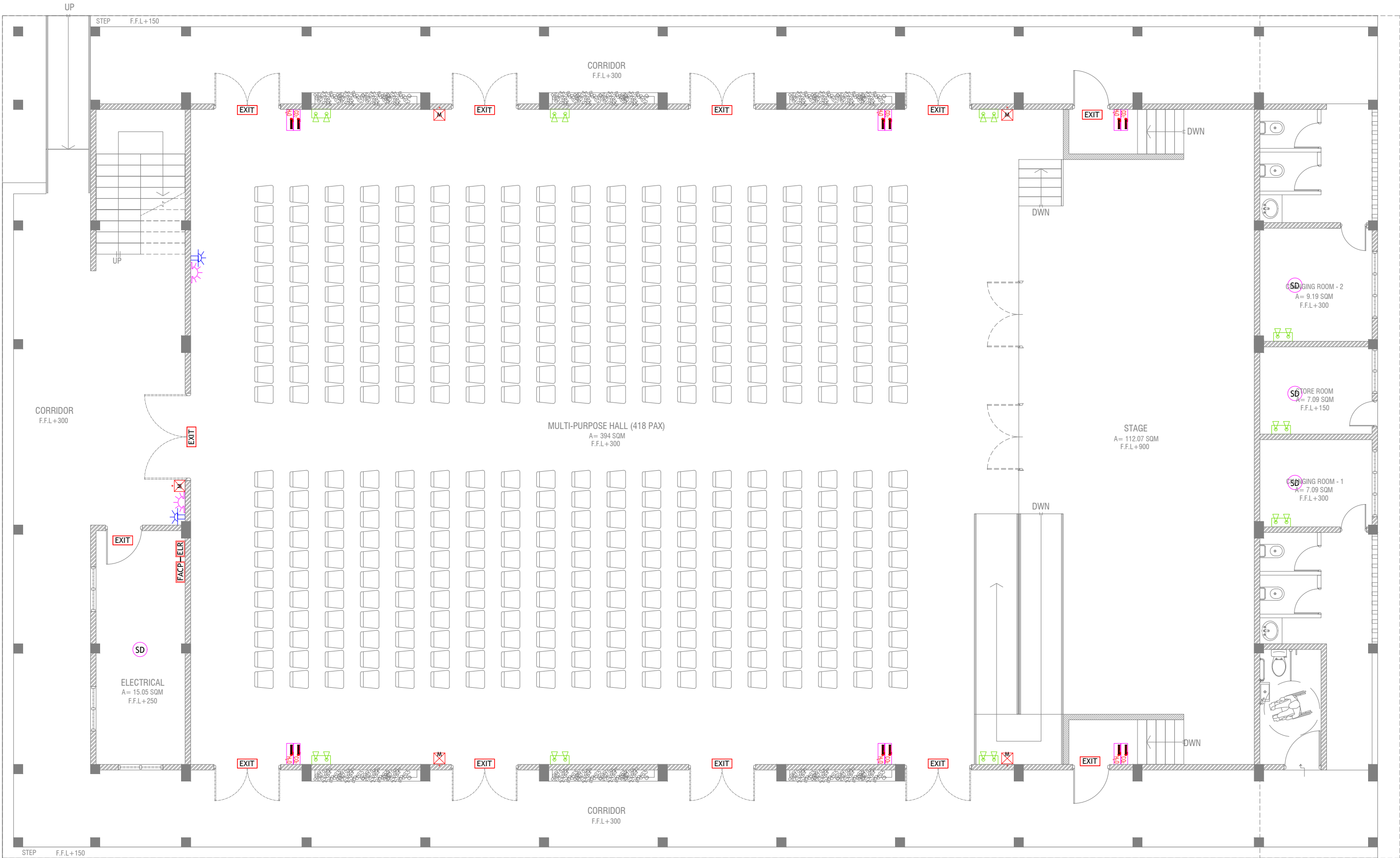




ROOF PLAN - 2 DRAINAGE LAYOUT

SCALE 1:100





GROUND FLOOR FDP LAYOUT

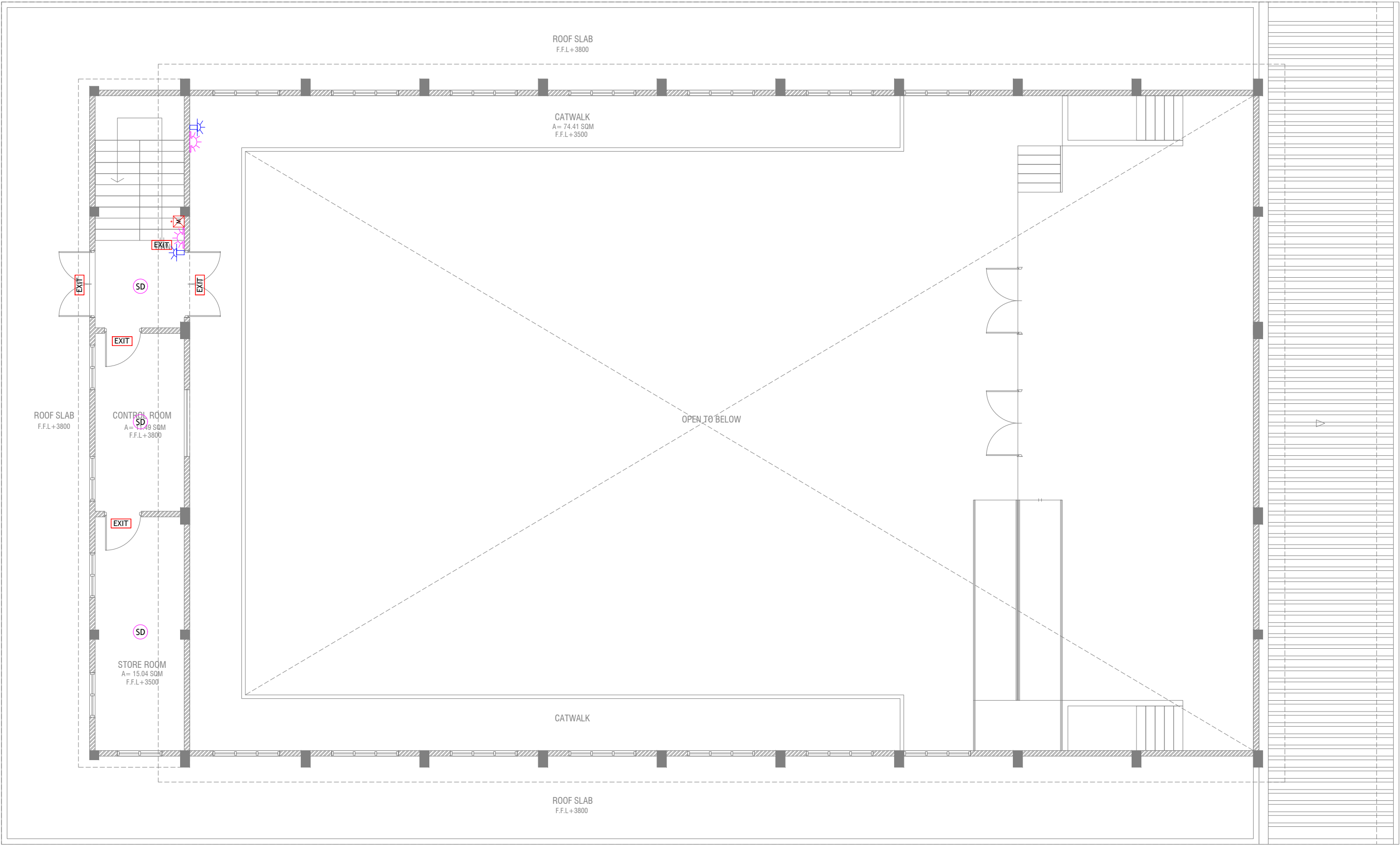
SCALE 1:100



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

0 0.5 1 2 3 4 5

LEGEND

SD SMOKE DETECTOR

HD HEAT DETECTOR

EXIT EXIT SIGN

EM EMERGENCY LIGHT

CO₂ EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE(TYP.)

WET CHEMICAL FIRE EXTINGUISHER (LOAD 7.2KG)

H₂O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE(TYP.)

ELR END OF LINE RESISTANCE

FACP FIRE ALARM CONTROL PANEL

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R.Alifushi School Hall
Client: Ministry of Education

Project Number: RI/2017/012
Date: June 2019
Architect: Hazana Amir
Engineer: Ahmed Zuhair Zakiem
Services: Ashraf Ahmed
Interior: -

Rev no
01

Date
11 June 2019



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Title: 1st Floor
FDP Layout

Page: FDP - 02/02

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