

Proposed Multipurpose Hall Building at V.Keyodhoo School

SERVICES DRAWINGS
Client: Ministry of Education



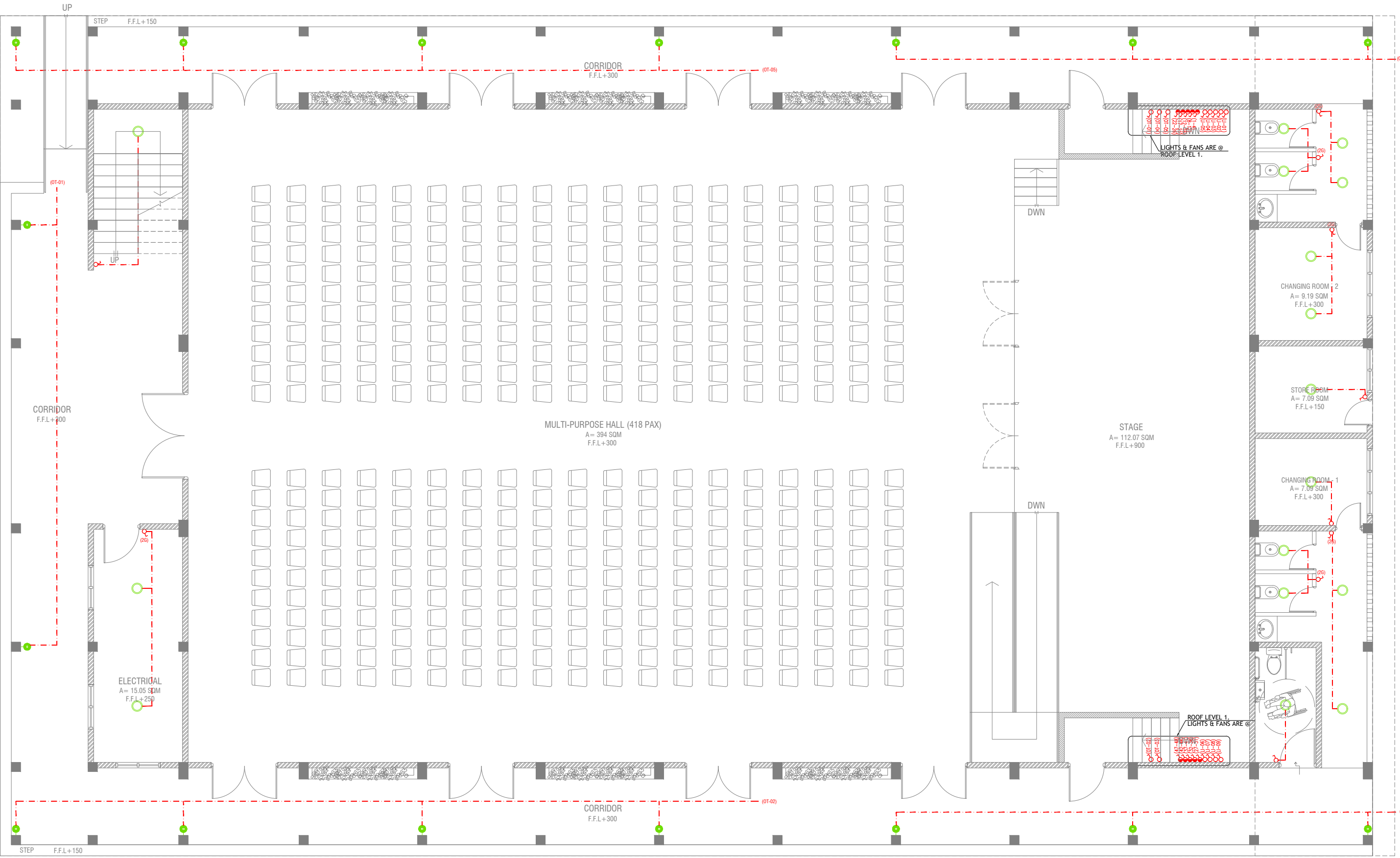
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3rd floor, H. Azum, Ameenemogu, Male

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GROUND FLOOR LIGHTING LAYOUT

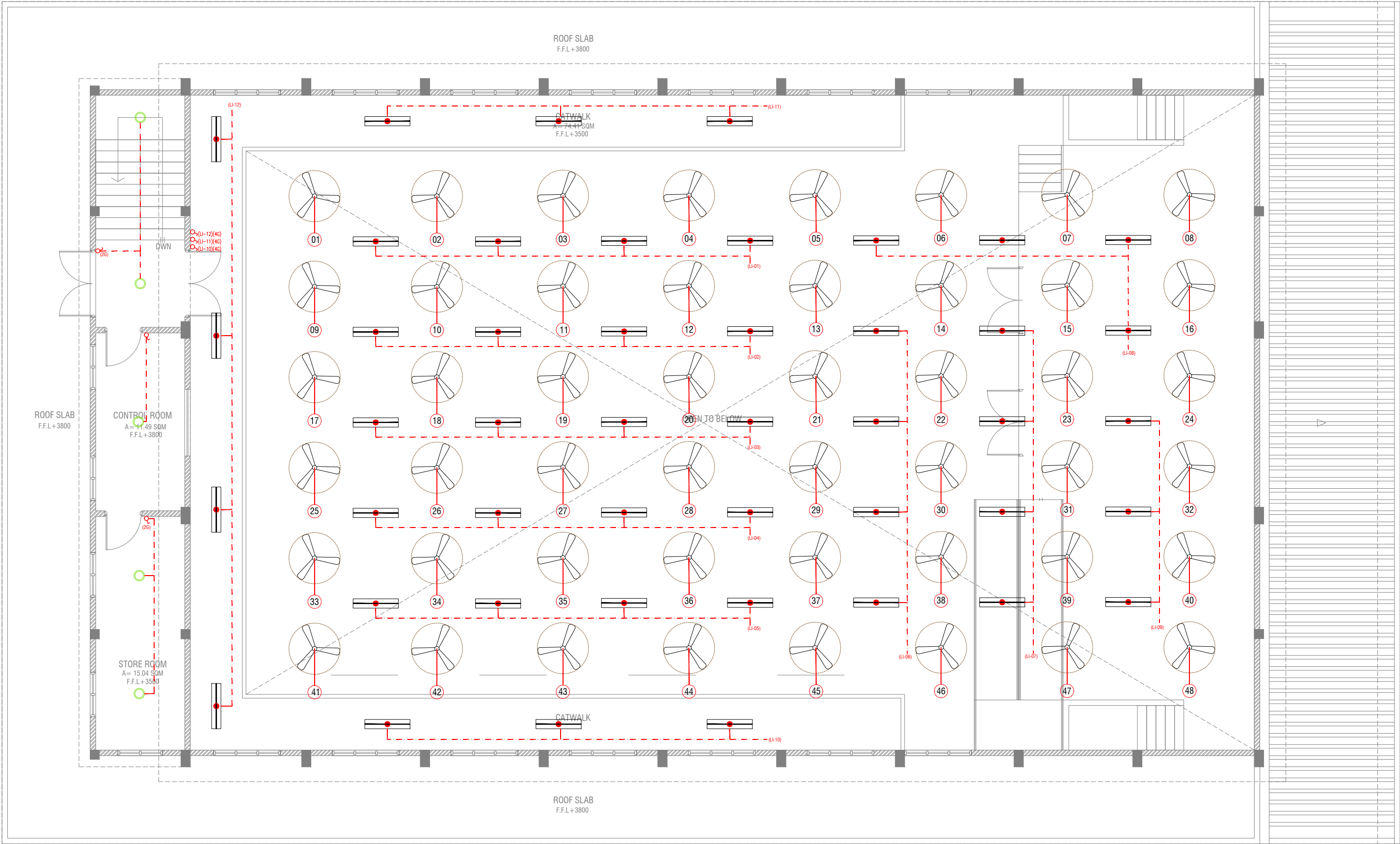
SCALE 1:100

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

0 0.5 1 2 3 4 5





LEGEND

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

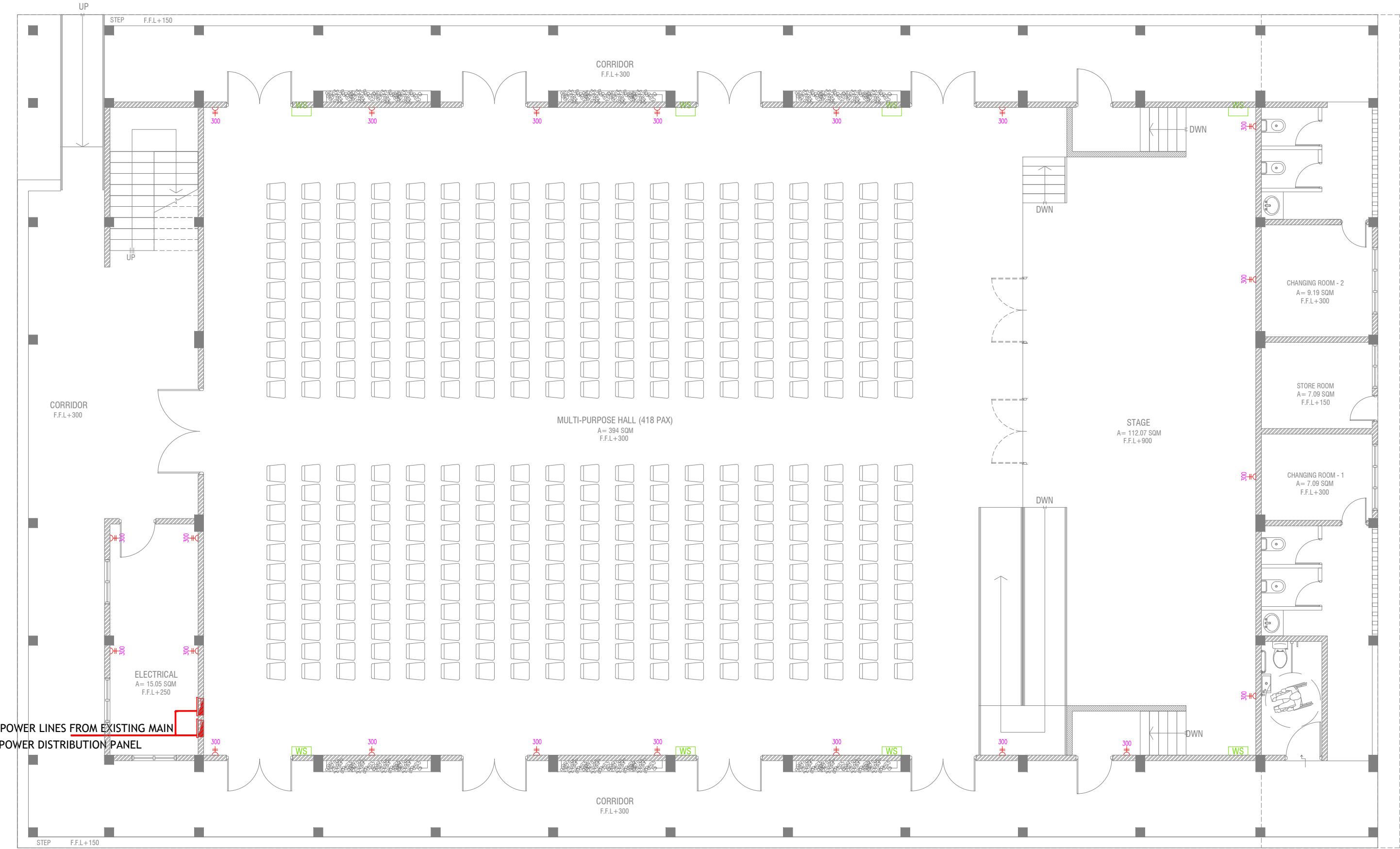
C2  CEILING DOWN LIGHT (18W)

 CEILING FAN (52" - 54")

WPD  OUT DOOR WALL LIGHT

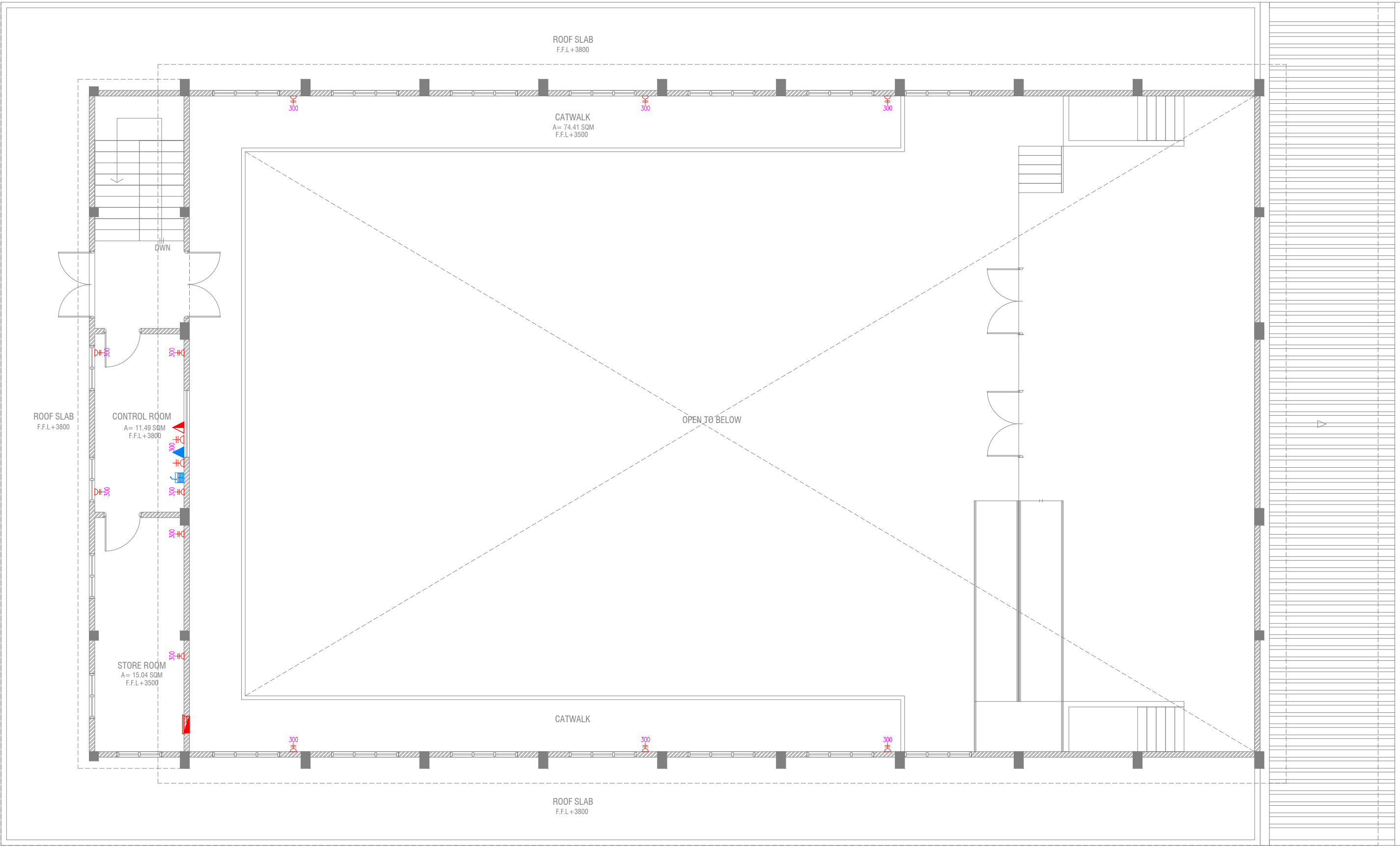
 LIGHT SWITCH
 CEILING FAN SWITCH
 CIRCUIT LINE
 SWITCHING LINE

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



GROUND 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
- WALL SPEAKERS AT CEILING LEVEL



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

V. Keyodhoo School Hall
Client: Ministry of Education

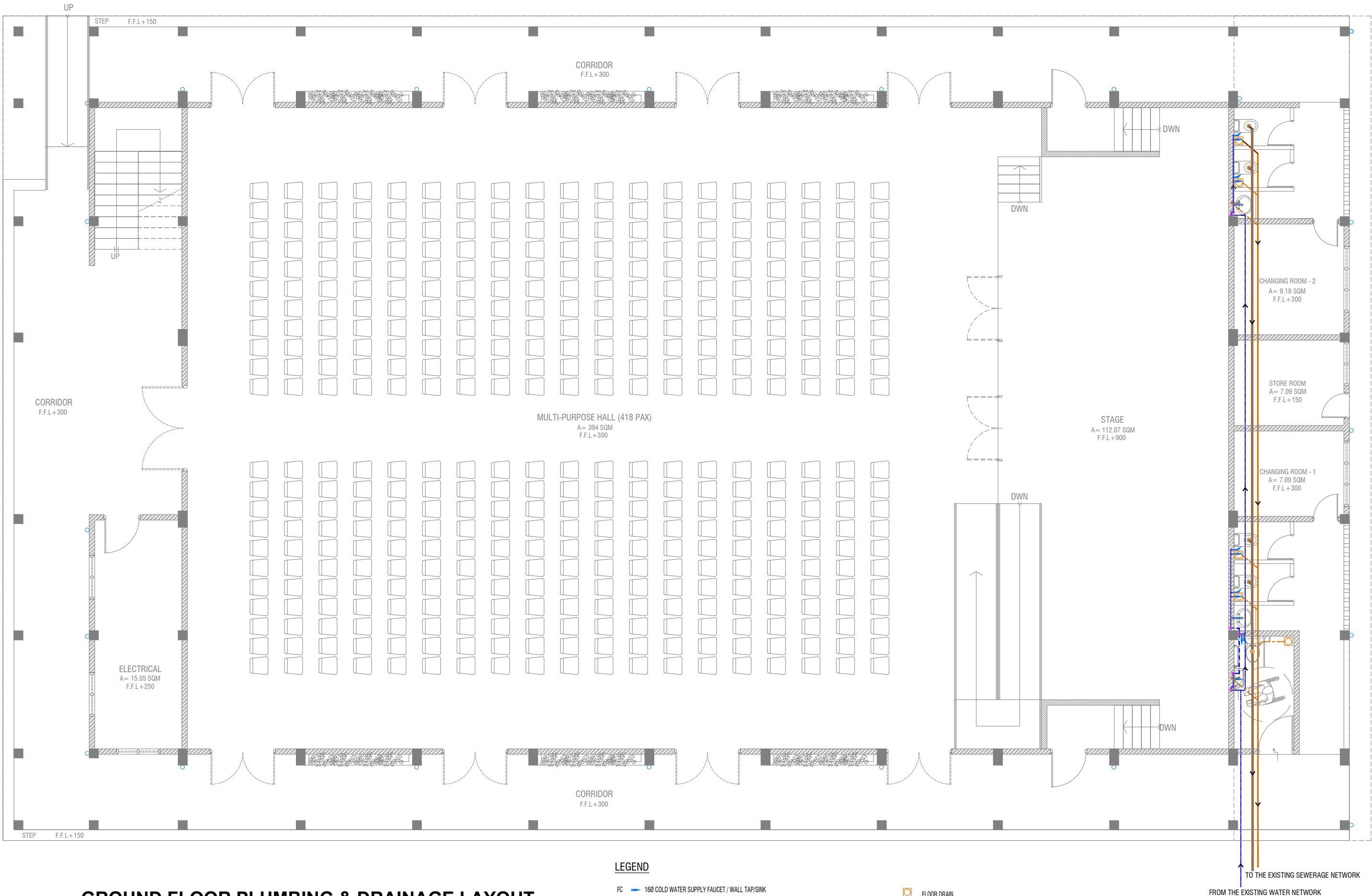
Rev no	Date
01	11 June 2019
Project Number: RI/2017/012	
Date: June 2019	
Architect: Hazana Amir	
Engineer: Ahmed Zuhair Zakiem	
Services: A. Ashraf Ahmed	
Interior: -	



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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

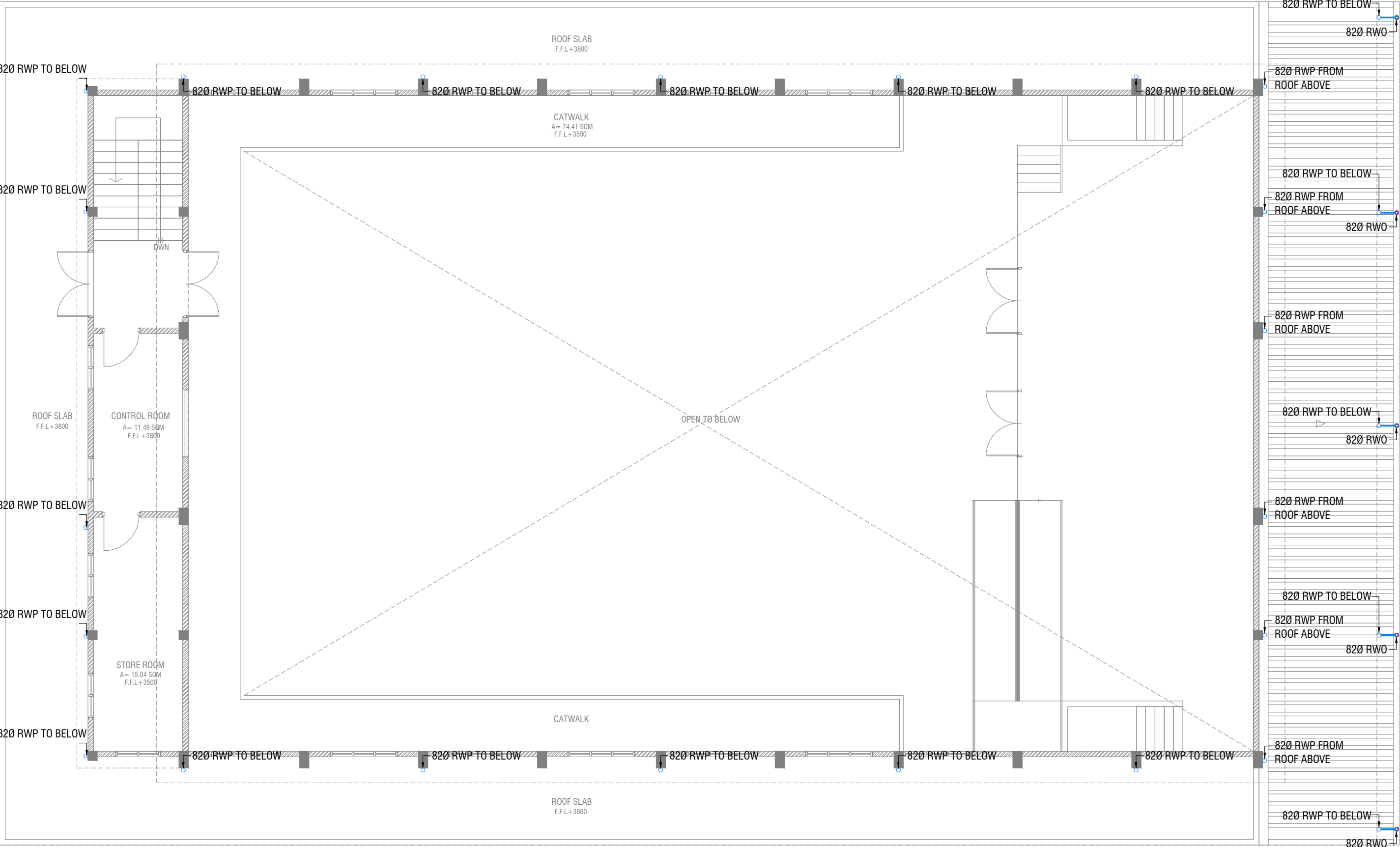


LEGEND

- FC 160 COLD WATER SUPPLY FAUCET / WALL TAP/SINK
- 160 COLD WATER SUPPLY TO CISTERN
- GV 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

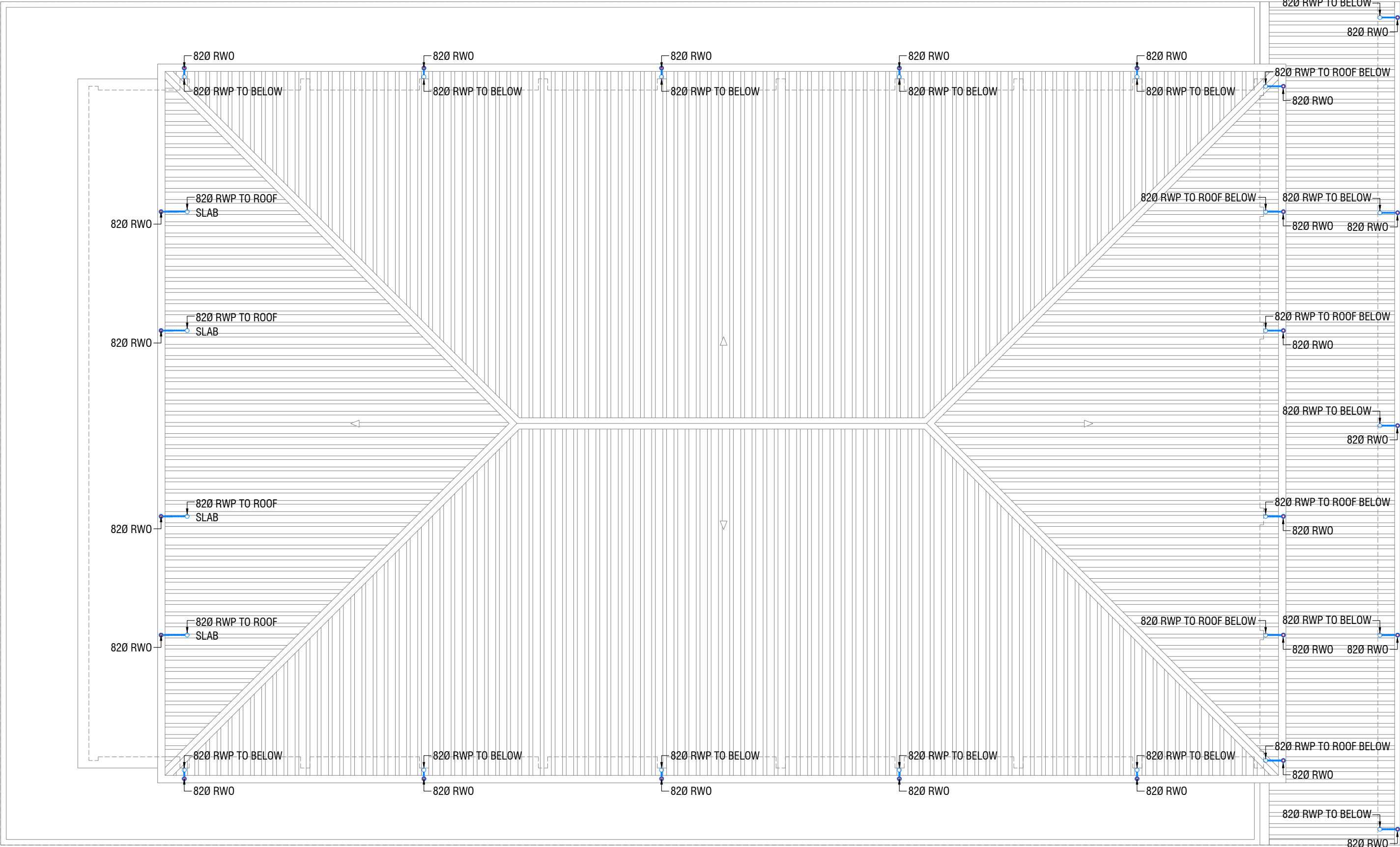


FIRST FLOOR DRAINAGE LAYOUT

SCALE 1:100



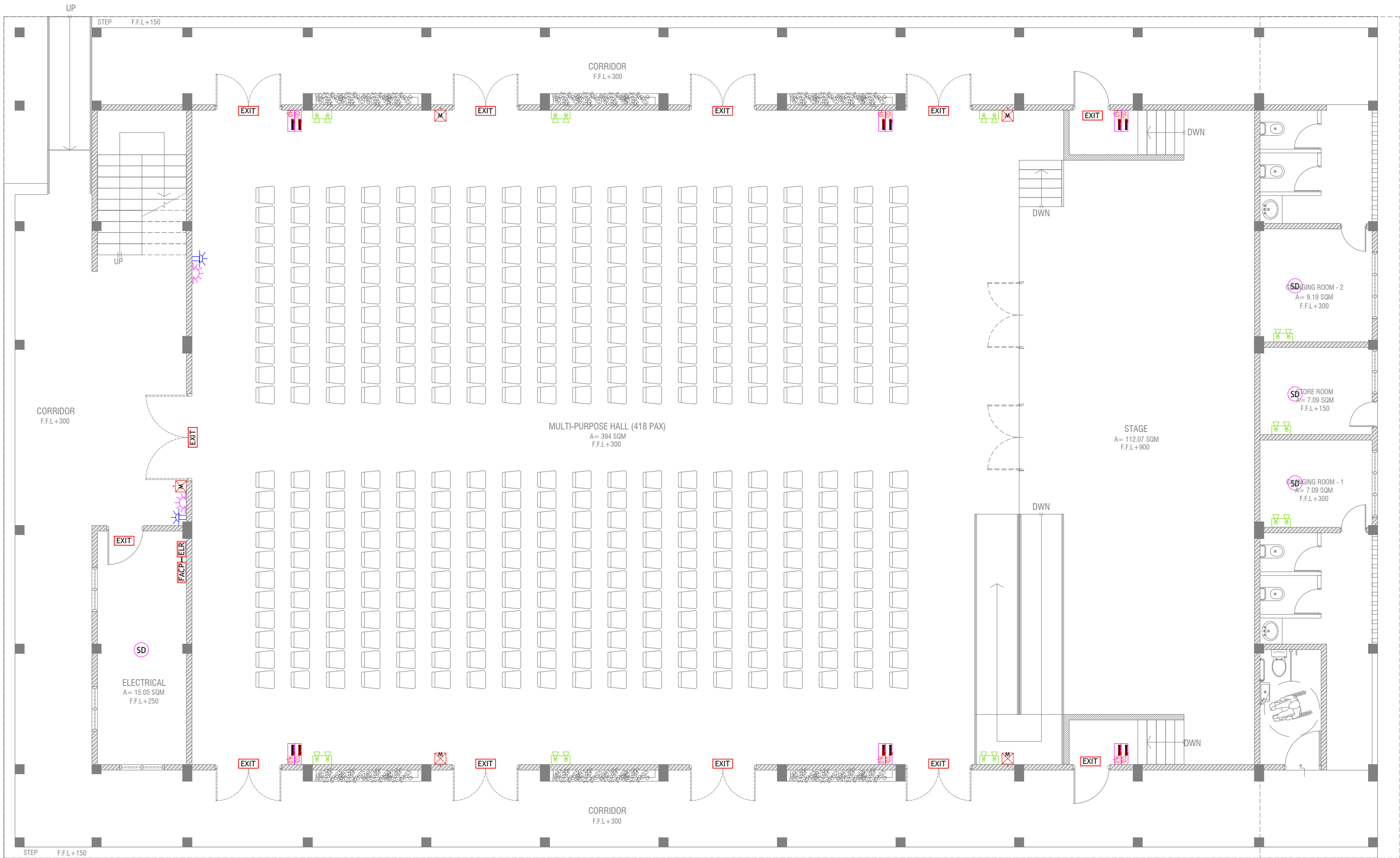




ROOF PLAN - 2 DRAINAGE LAYOUT

SCALE 1:100





GROUND FLOOR FDP LAYOUT

SCALE 1:100



- LEGEND
- SD SMOKE DETECTOR
 - HD HEAT DETECTOR
 - EXIT EXIT SIGN
 - EM EMERGENCY LIGHT
 - ELR END OF LINE RESISTANCE
 - FACP FIRE ALARM CONTROL PANEL
 - MANUAL CALL POINT (RESETTABLE)
 - BEACON
 - SOUNDER/BELL (85 DB)

- CO₂ EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE(TYP.)
- WET CHEMICAL FIRE EXTINGUISHER (LOAD 7.2KG)
- H₂O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE(TYP.)

- 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/BACKET SHALL BE HOT DIPPED GALVANIZED TO 100MM.
 4. ALL FIRE EXTINGUISHER INSIDE CABINETS. (CABINET SHOULD BE PROVIDED)

V. Keyodhoo School Hall
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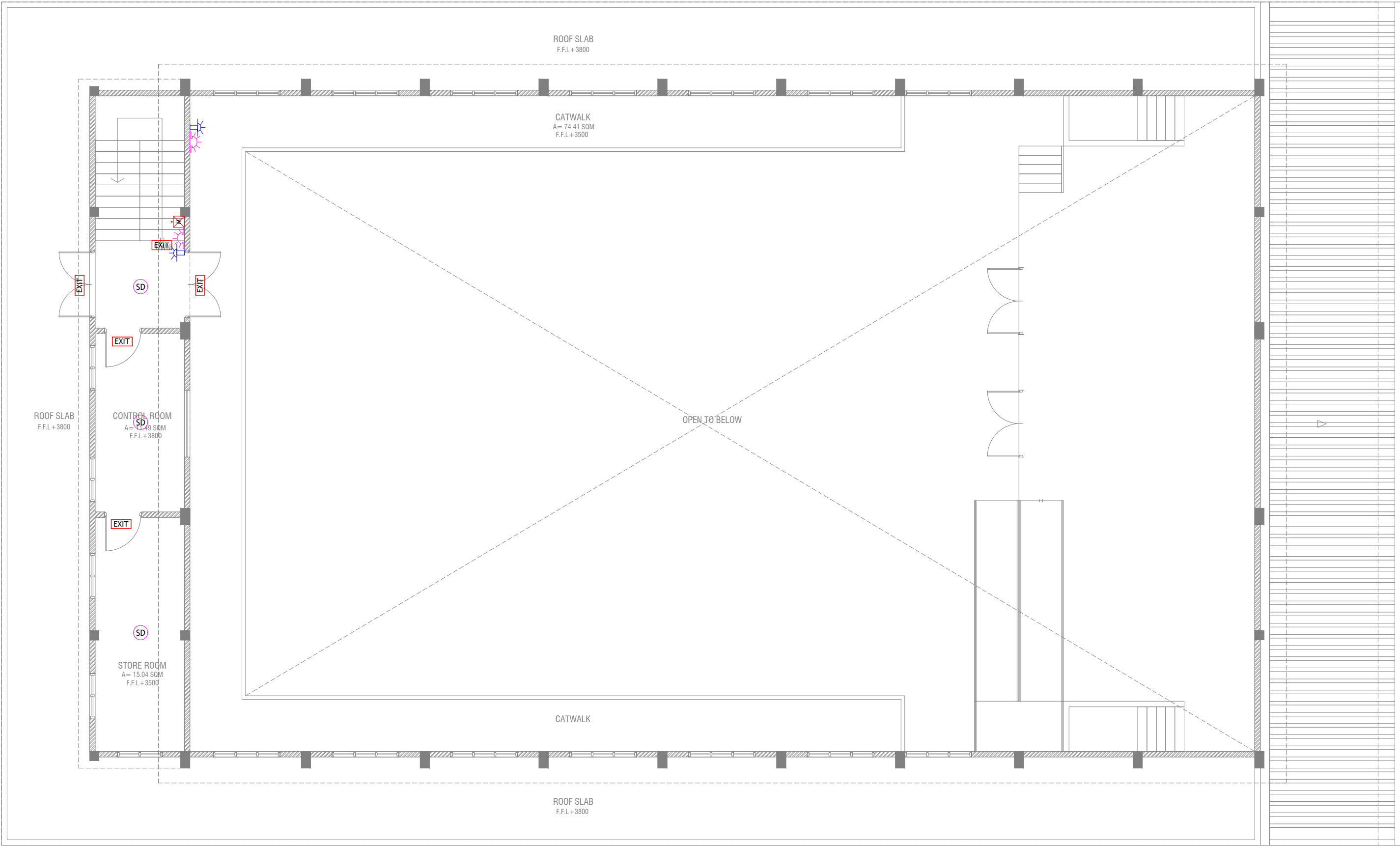
Project Number: RI/2017/012
Date: June 2019
Rev no 01
Date 11 June 2019
Architect: Hazana Amir
Engineer: Ahmed Zuhair Zakiem
Services: Architectural
Interior: -



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

Title: Ground Floor
FDP Layout
Page# DP - 01/02

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FIRST FLOOR FDP LAYOUT

SCALE 1:100



LEGEND

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- HD HEAT DETECTOR
- EXIT EXIT SIGN
- EM EMERGENCY LIGHT

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V. Keyodhoo School Hall
Client: Ministry of Education

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

Rev no Date

01 11 June 2019



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