

Proposed Multipurpose Hall Building at R.Ungoofaaru School

SERVICES DRAWINGS
Client: Ministry of Education

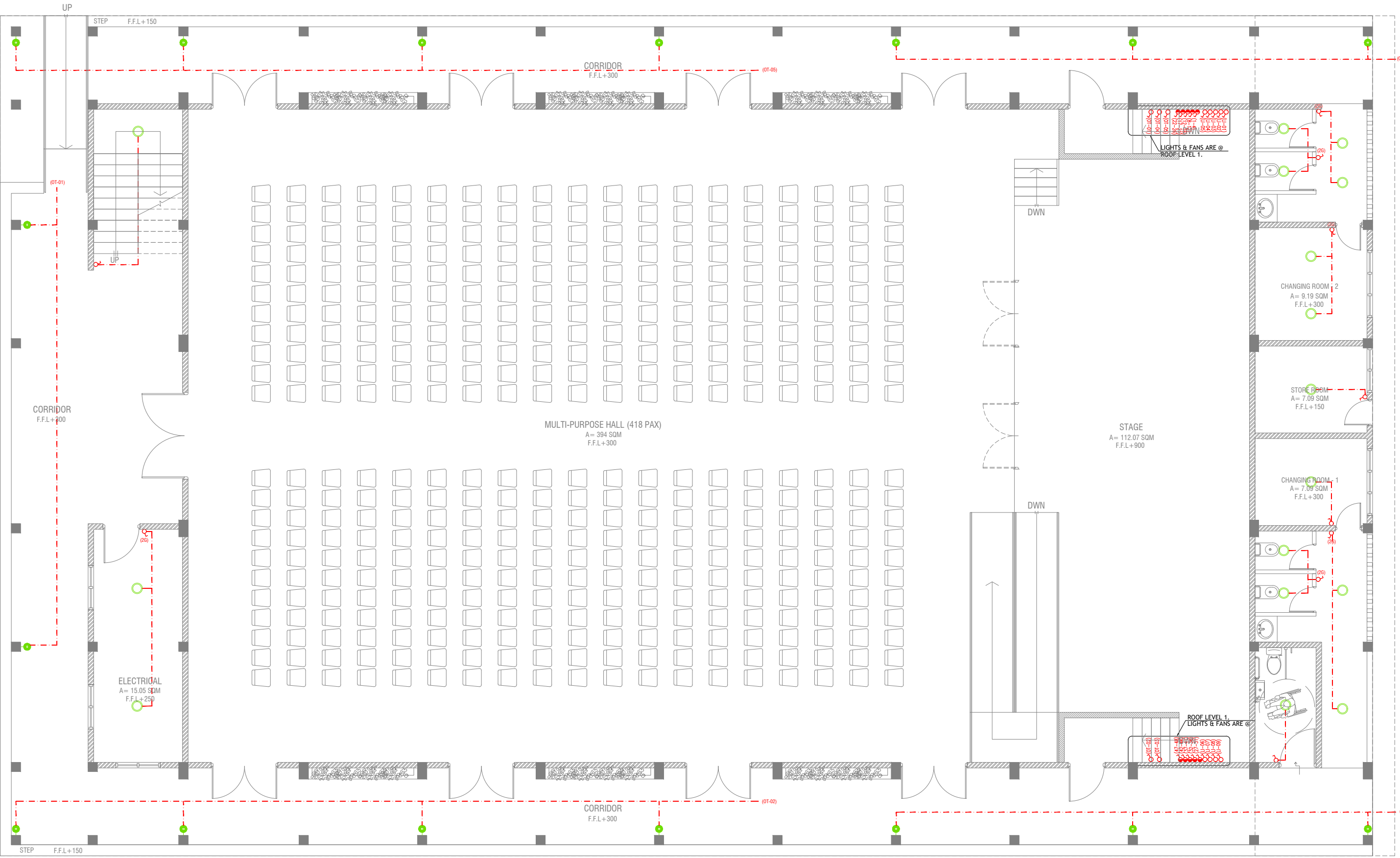


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3rd floor, H. Azum, Ameenemogu, Male

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GROUND FLOOR LIGHTING LAYOUT

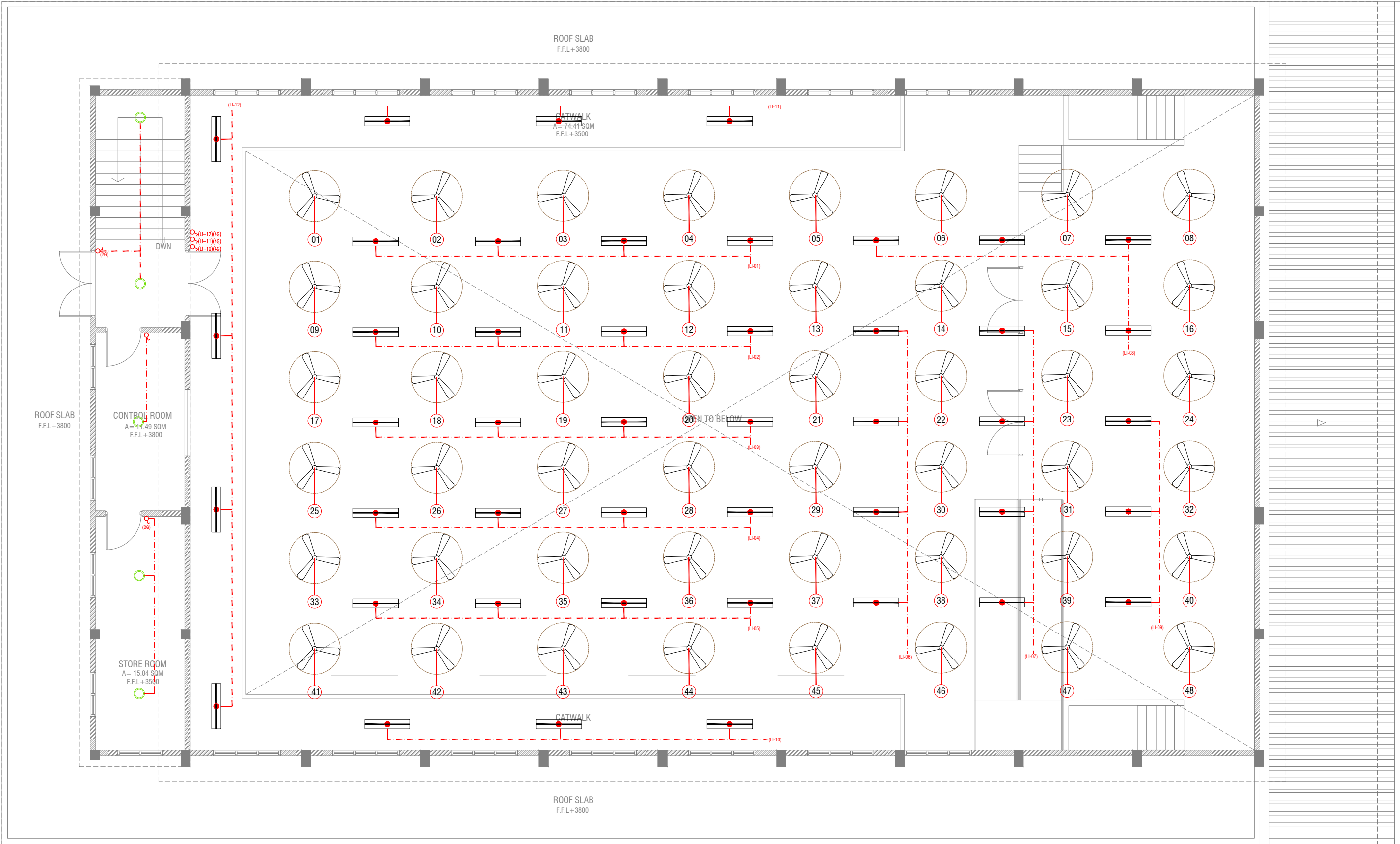
SCALE 1:100

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)

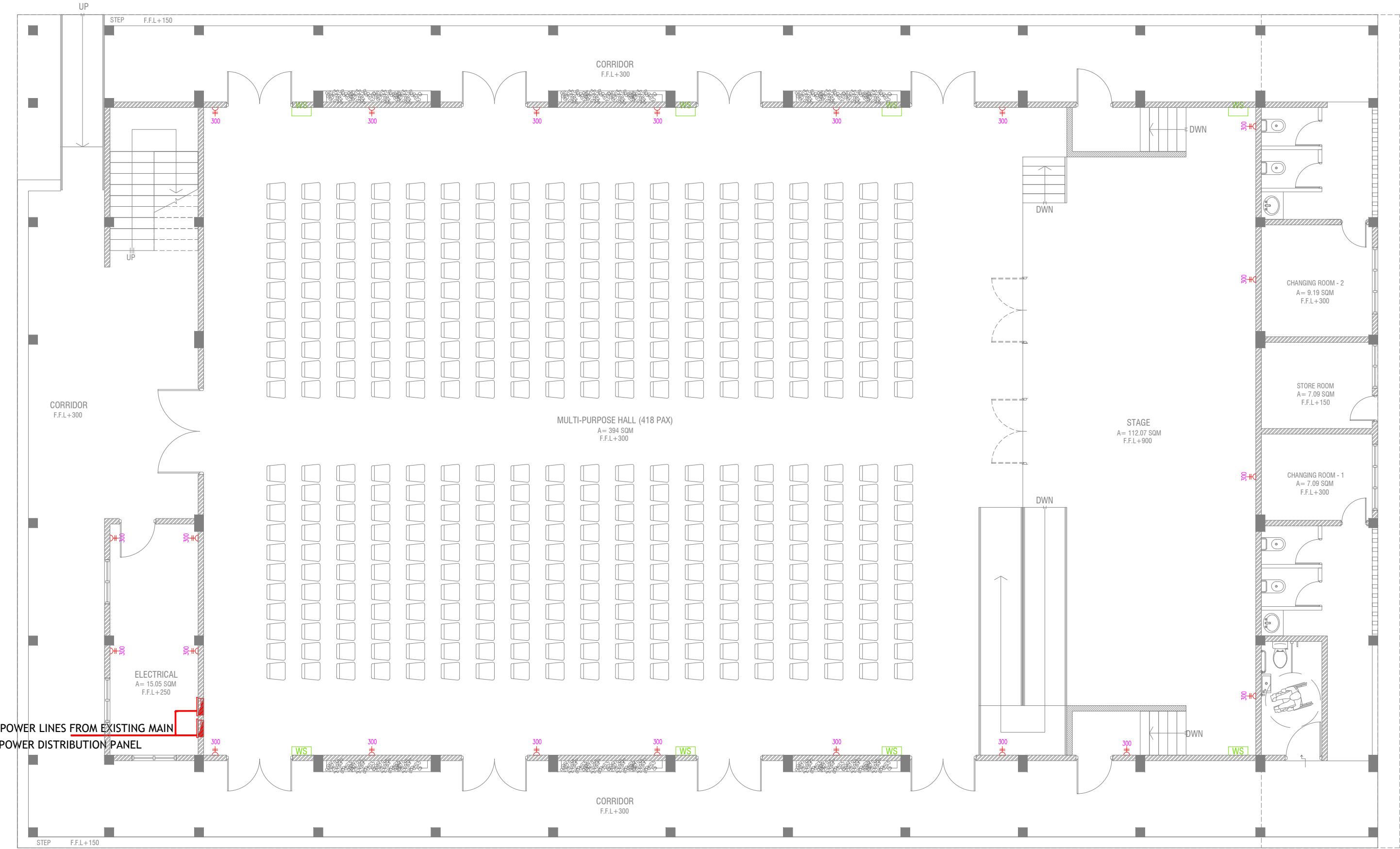
C2 CEILING DOWN LIGHT (18W)

CEILING FAN (52" - 54")

WPD OUT DOOR WALL LIGHT

LIGHT SWITCH
 CEILING FAN SWITCH
 CIRCUIT LINE
 SWITCHING LINE

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



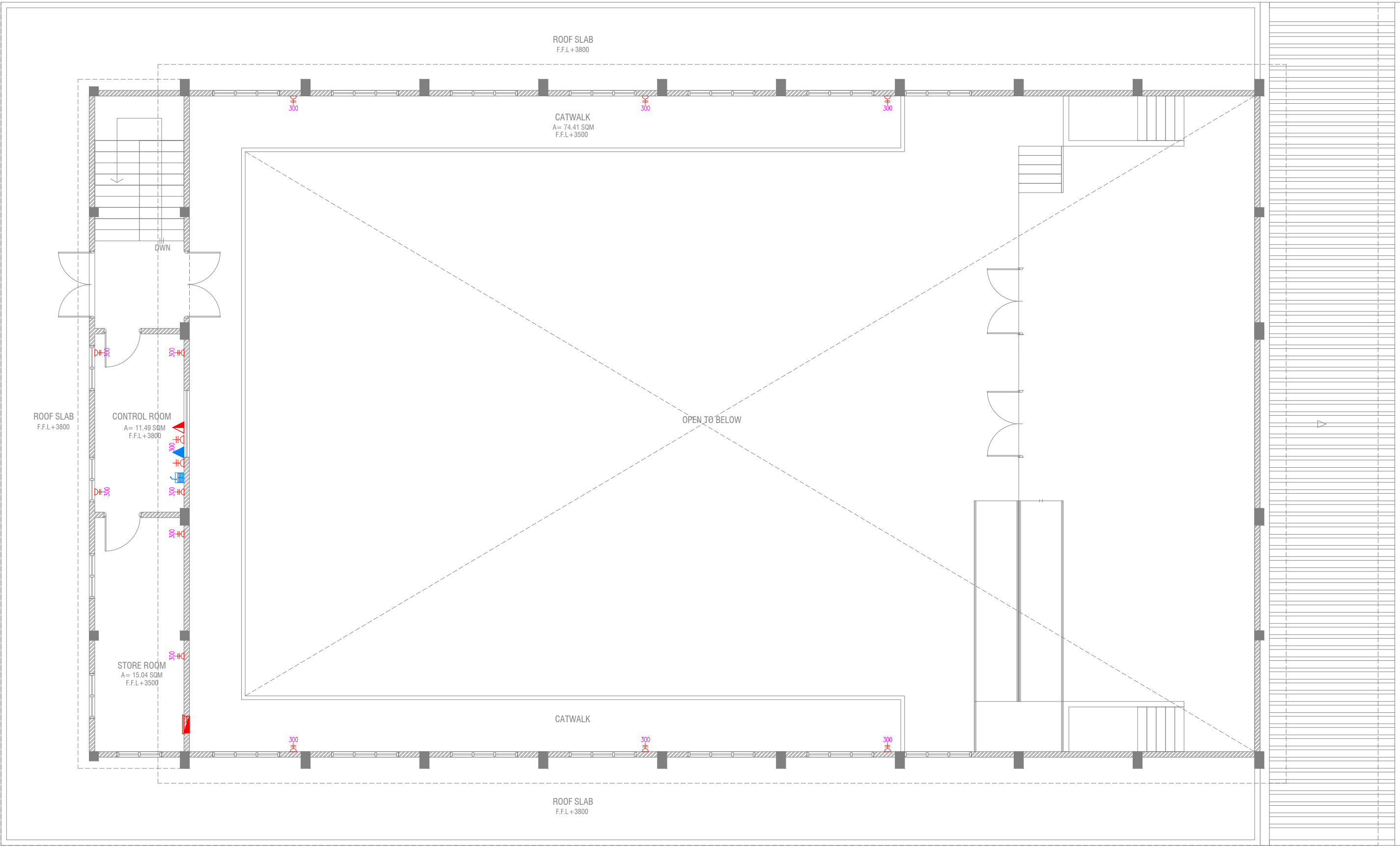
POWER LINES FROM EXISTING MAIN
POWER DISTRIBUTION PANEL

GROUND FLOOR POWER LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5










- 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

R.Ungoofaar School Hall
Client: Ministry of Education

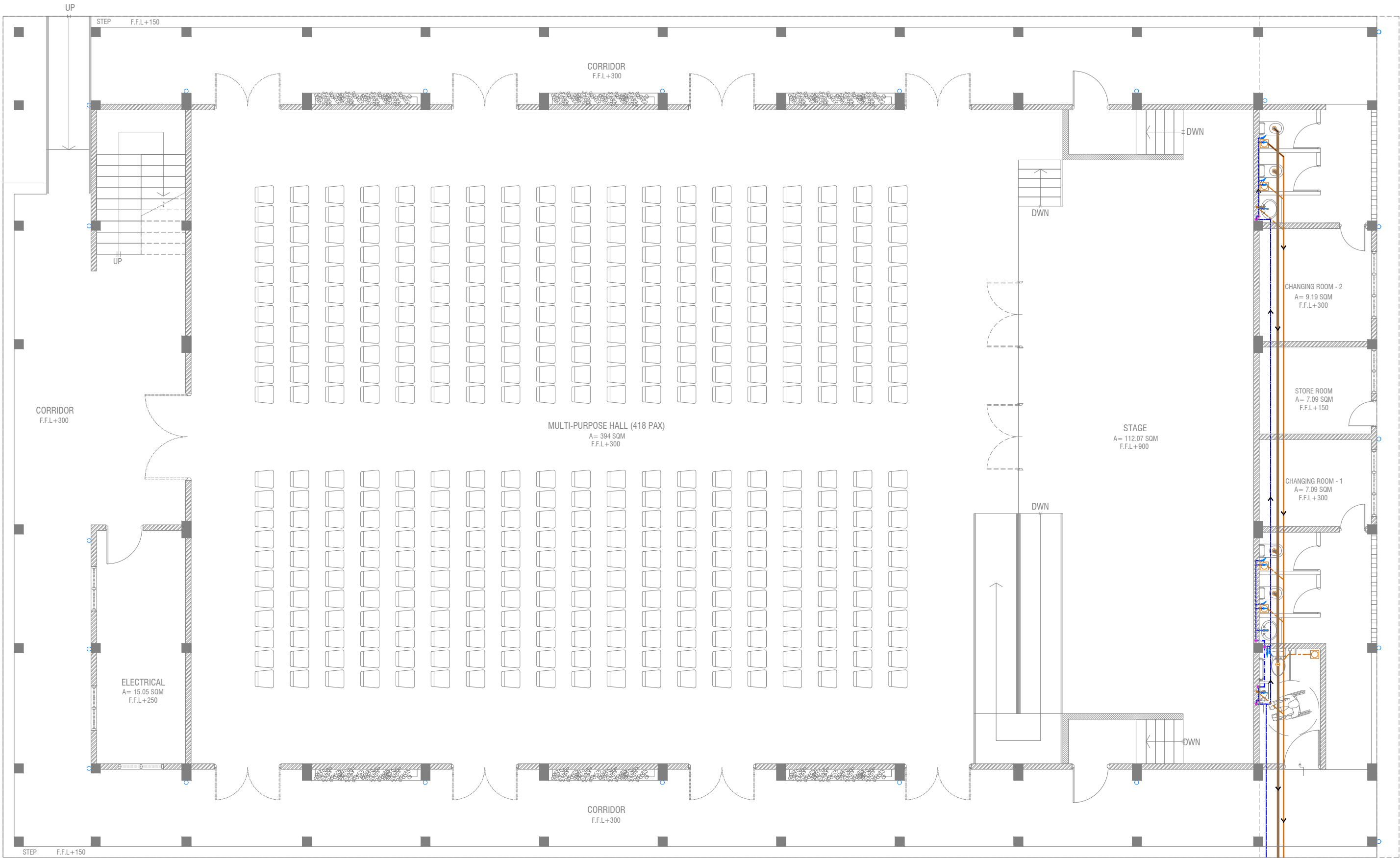
Rev no	Date
01	11 June 2019
Project Number: RI/2017/012	
Date: June 2019	
Architect: Hazana Amir	
Engineer: Ahmed Zuhair Zakiem	
Services: Aishah Ahmed	
Interior: -	



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3rd floor, H. Azam, Amnennemogu, Malé

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

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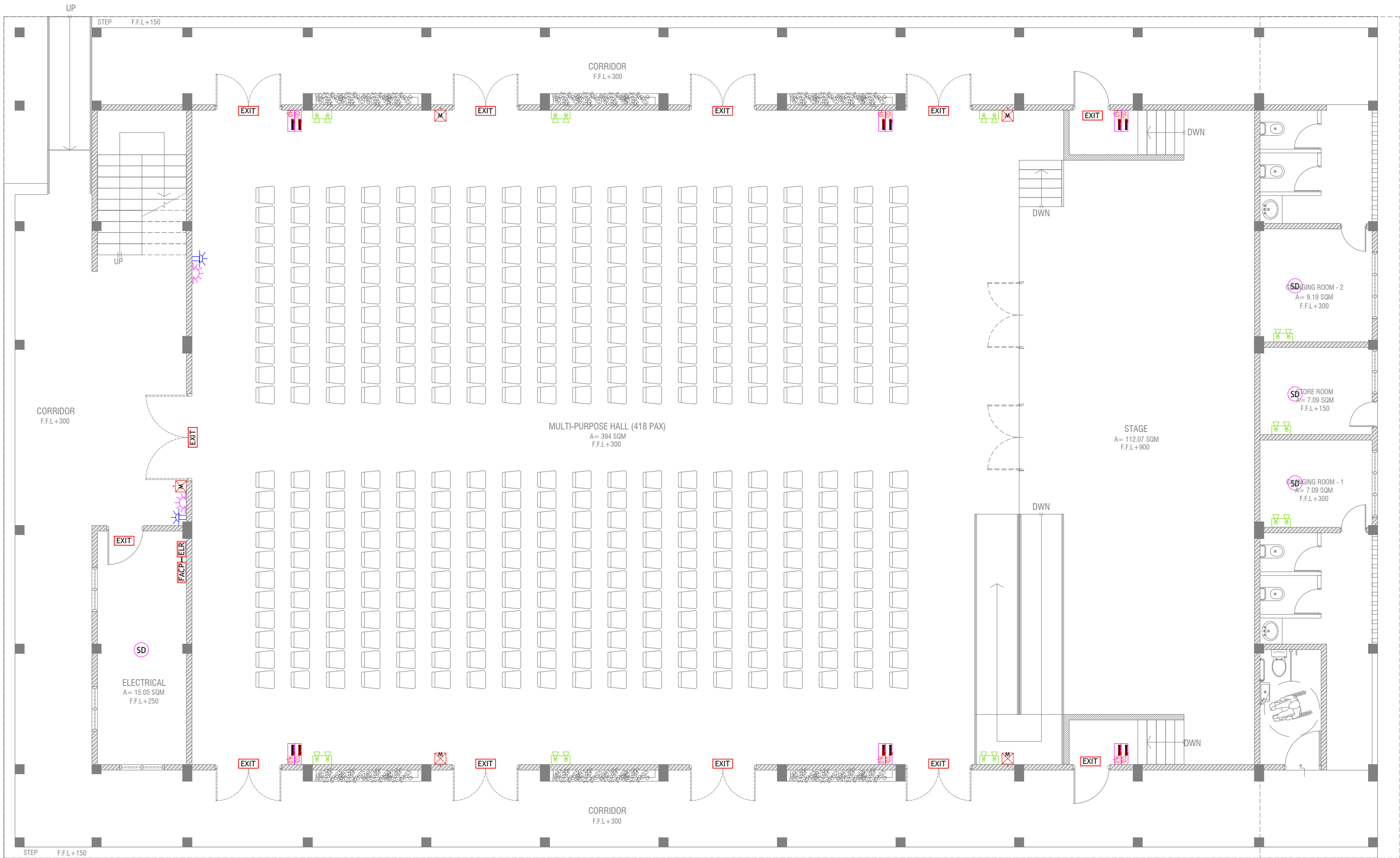
Rev no	Date
01	11 June 2019
Project Number: RI/2017/012	
Date: June 2019	
Architect: Hazana Amir	
Engineer: Ahmed Zuhair Zaim	
Services: Architectural	
Interior: -	

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

Title: Ground Floor Plumbing & Drainage Layout
Page: DR - 01/04

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GROUND FLOOR FDP LAYOUT

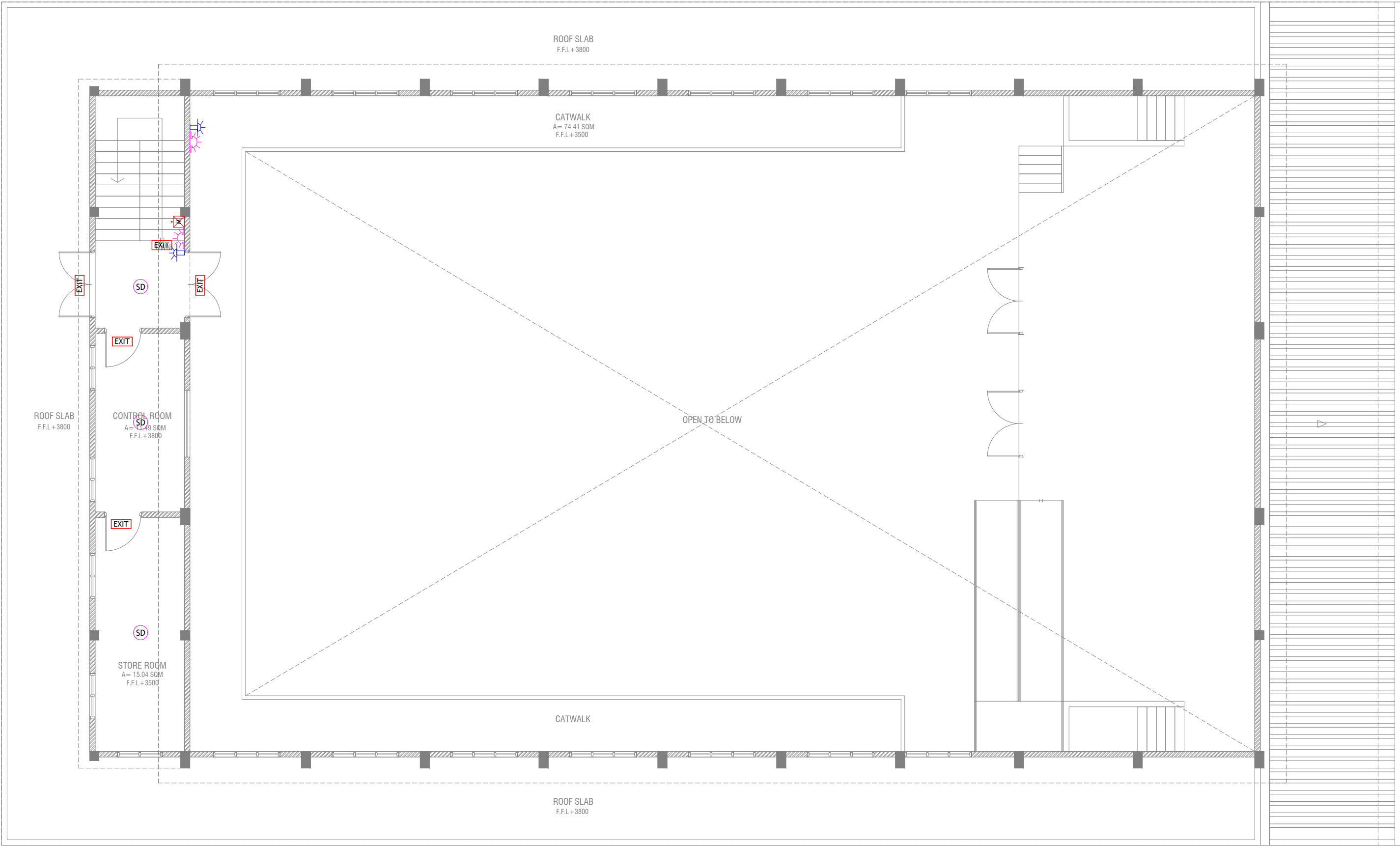
SCALE 1:100



LEGEND	
SD	SMOKE DETECTOR
HD	HEAT DETECTOR
EXIT	EXIT SIGN
EM	EMERGENCY LIGHT
CO ₂	CO ₂ EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE(TYP.)
W.C.	WET CHEMICAL FIRE EXTINGUISHER (LOAD 7.2KG)
H ₂ O	H ₂ O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE(TYP.)
ELR	END OF LINE RESISTANCE
FACP	FIRE ALARM CONTROL PANEL
Manual Call Point	MANUAL CALL POINT (RESETTABLE)
Beacon	BEACON
Sounder/Bell	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

- 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
- MANUAL CALL POINT (RESETTABLE)
- BEACON
- SOUNDER/BELL (85 DB)

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R. Ungoofaar School Hall
Client: Ministry of Education

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01	11 June 2019
Project Number: RI/2017/012	
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Interior: -	



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3rd floor, H. Azam, Amnemenomogu, Malé

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

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