

# Proposed Multipurpose Hall Building at Lh.Kurendhoo School

*SERVICES DRAWINGS*  
Client: Ministry of Education



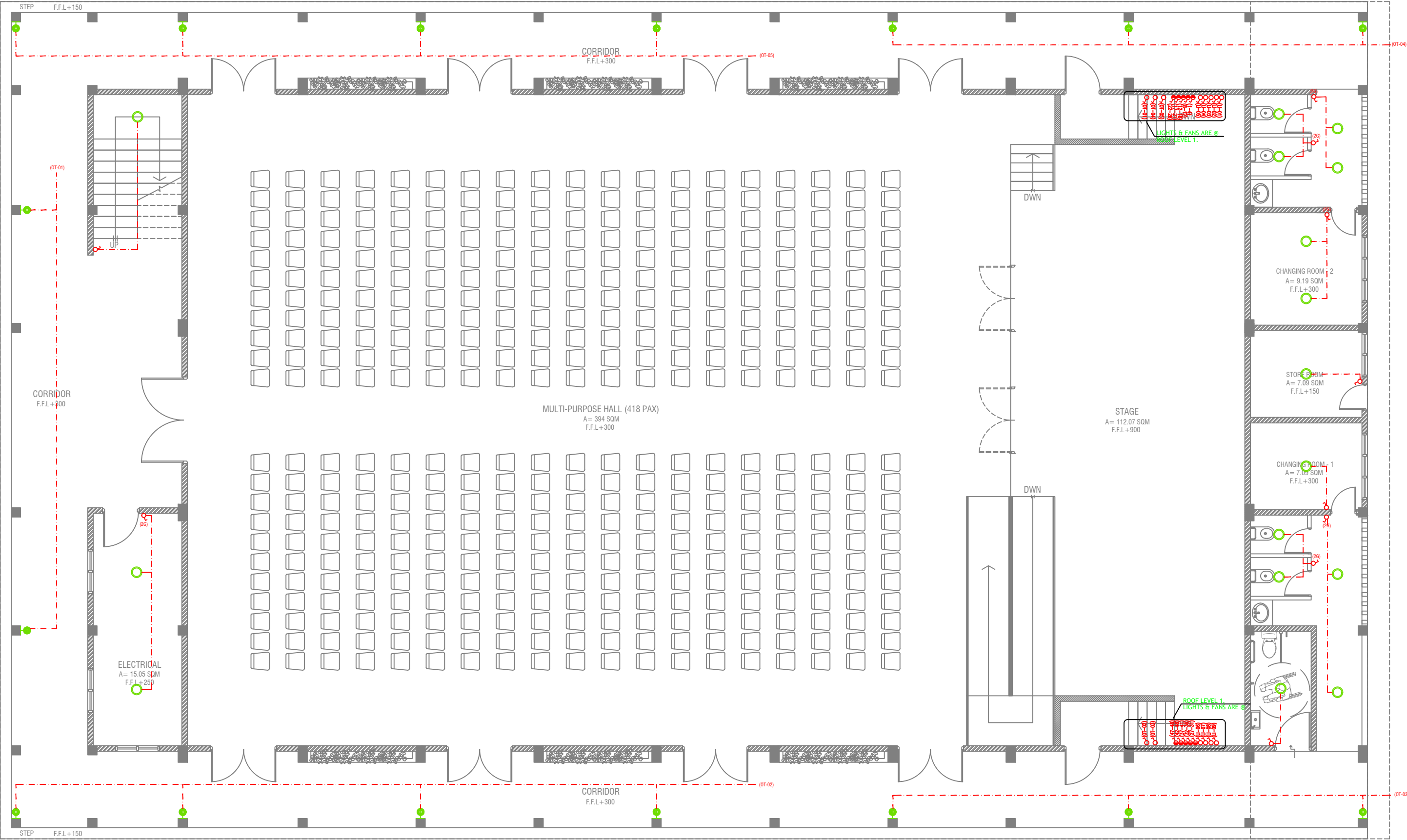
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3rd floor, H. Azum, Ameenemogu, Male

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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"

Lh.Kurendhoo School Hall

Client: Ministry of Education

Project Number: 8/2017/012

Date: February 2019

Architect: Izzana Amir

Engineer: Ahmed Zuhair Zakiem

Services: Aghash Ahmed



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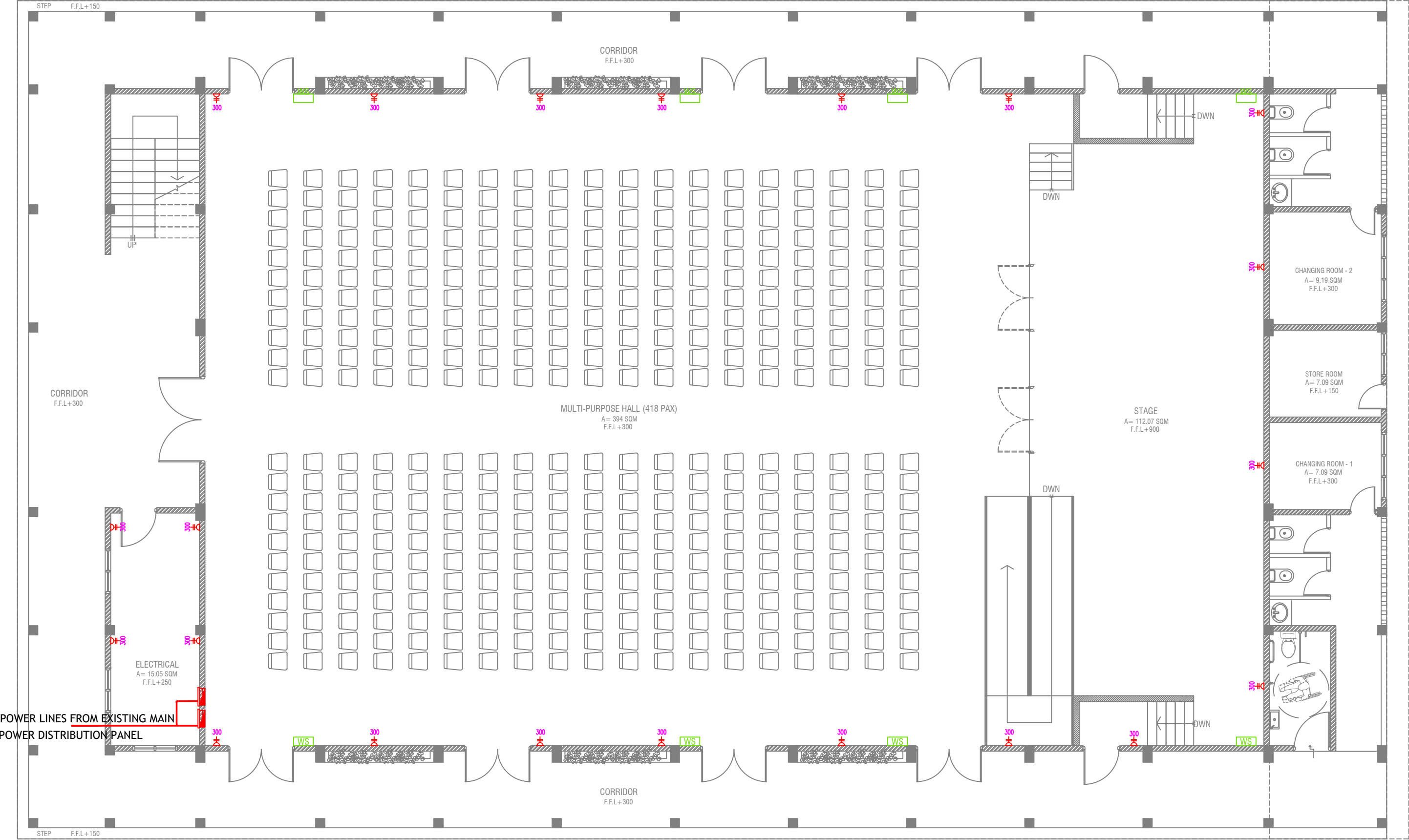
3rd floor, H. Azam, Arvenemogga, Malé

Title: Ground Floor Lighting Layout

Page: EL - 01/02

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GROUND FLOOR POWER LAYOUT

SCALE 1:100

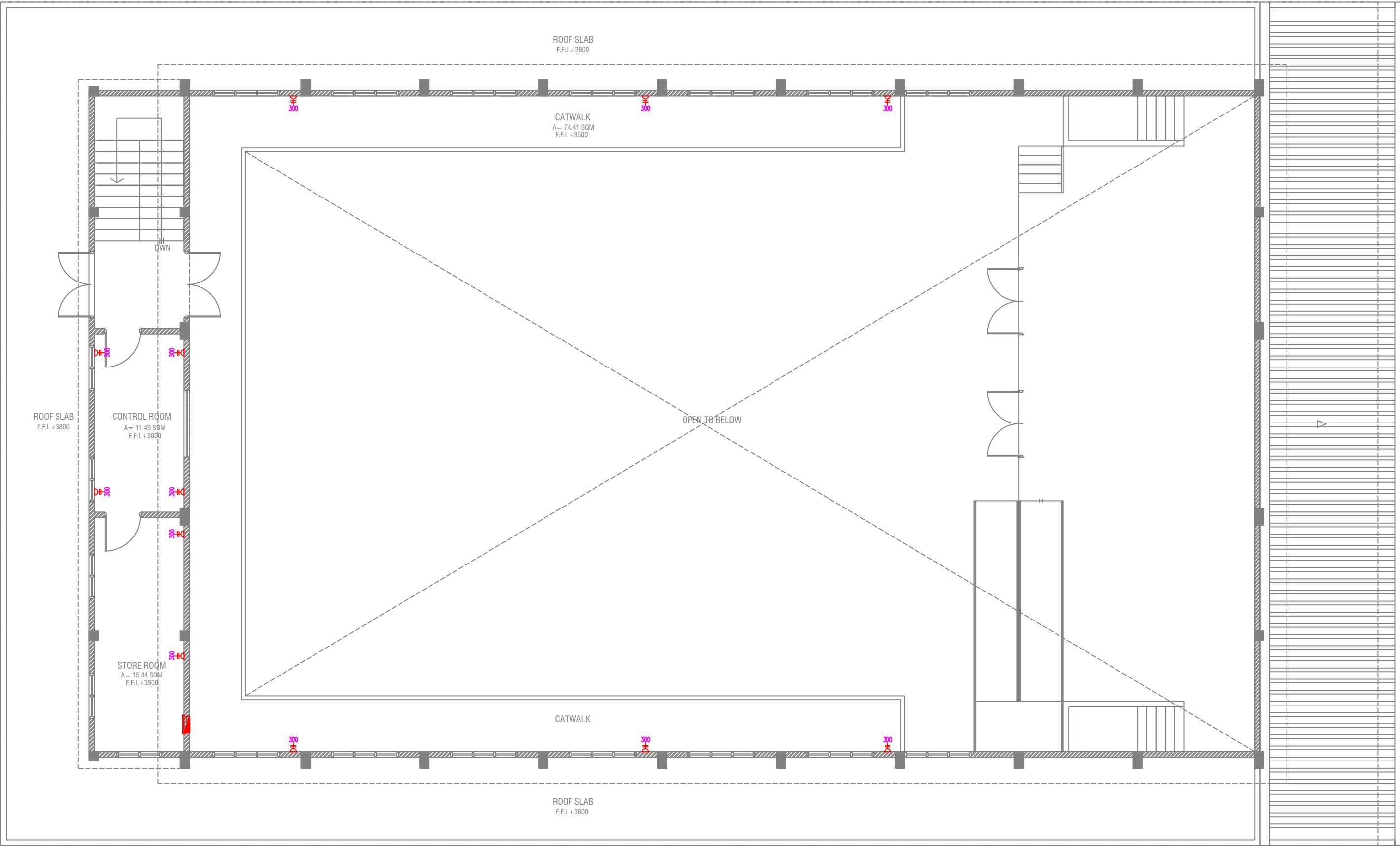


Lh.Kurendhoo School Hall  
Client: Ministry of Education

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3rd floor, H. Azam, Ammanmogu, Male'  
Title: Ground Floor  
Power Layout  
Page: EP - 01/02

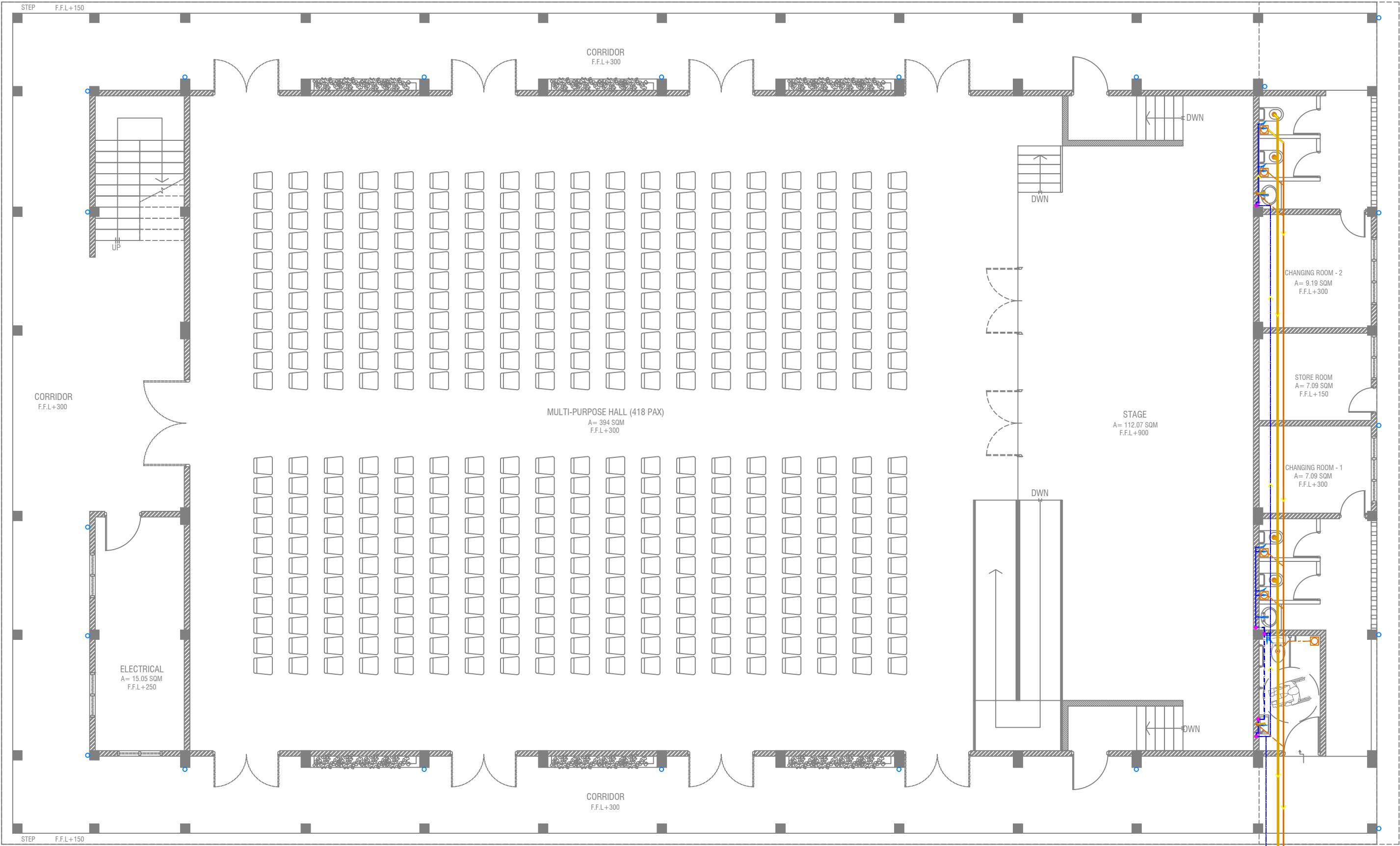


FIRST FLOOR POWER LAYOUT

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
- 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

Lh. Kurendhoo School Hall

Client: Ministry of Education

Project Number: B/2017/012

Date: February 2019

Architect: Hazana Amir

Engineer: Ahmed Zuhair Zakiem

Services: Plumbing & Drainage

Interior: -

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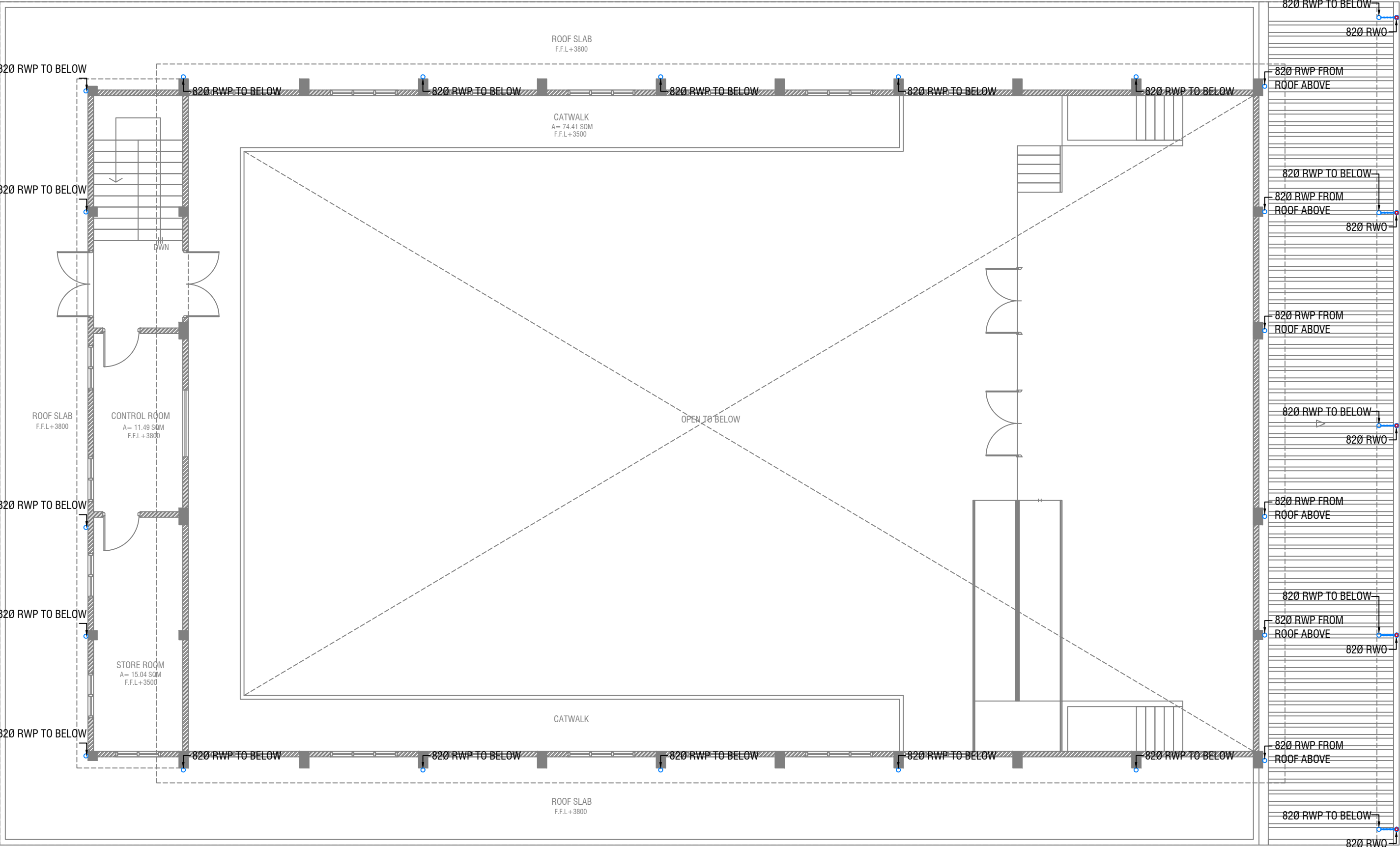
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Title: Ground Floor Plumbing & Drainage Layout

Page: DR - 01/04

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FIRST FLOOR DRAINAGE LAYOUT

SCALE 1:100



Lh.Kurendhoo School Hall  
Client: Ministry of Education

Project Number: 8/2017/012	Date: February 2019
Architect: Izzana Amir	Engineer: Ahmed Zuhair Zakiem
Services: A/Abdullah Ahmed	Interior: -

Rev no      Date

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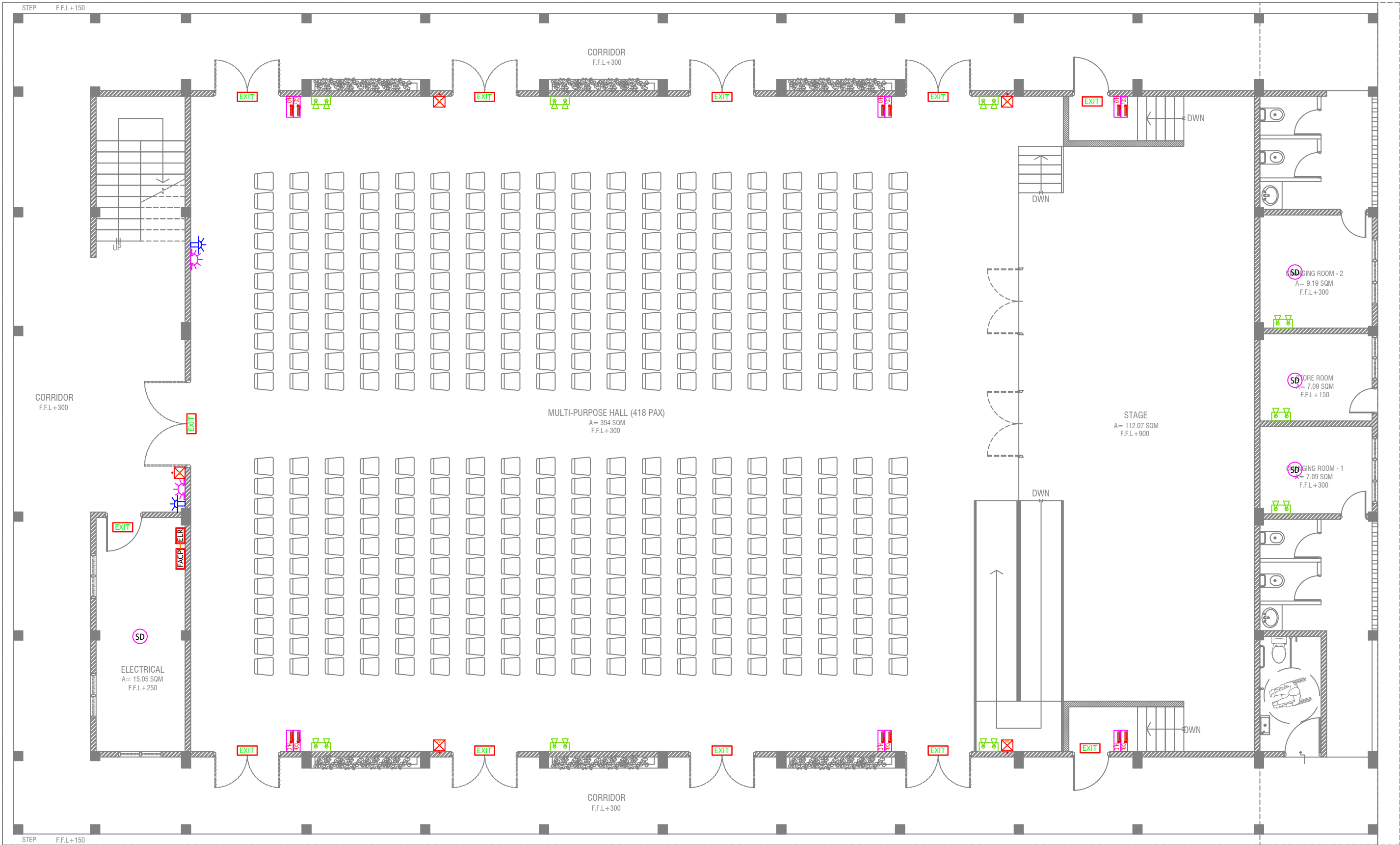
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GROUND FLOOR FDP LAYOUT



LEGEND	
	SMOKE DETECTOR
	HEAT DETECTOR
	EXIT SIGN
	EMERGENCY LIGHT
	CO <sub>2</sub> EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE(TYP.)
	WET CHEMICAL FIRE EXTINGUISHER (LOAD 7.2KG)
	H <sub>2</sub> 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/BACKET SHALL BE HOT DIPPED GALVANIZED TO 100MM.  
4. ALL FIRE EXTINGUISHER INSIDE CABINETS. (CABINET SHOULD BE PROVIDED)

Lh. Kurendhoo School Hall  
Client: Ministry of Education

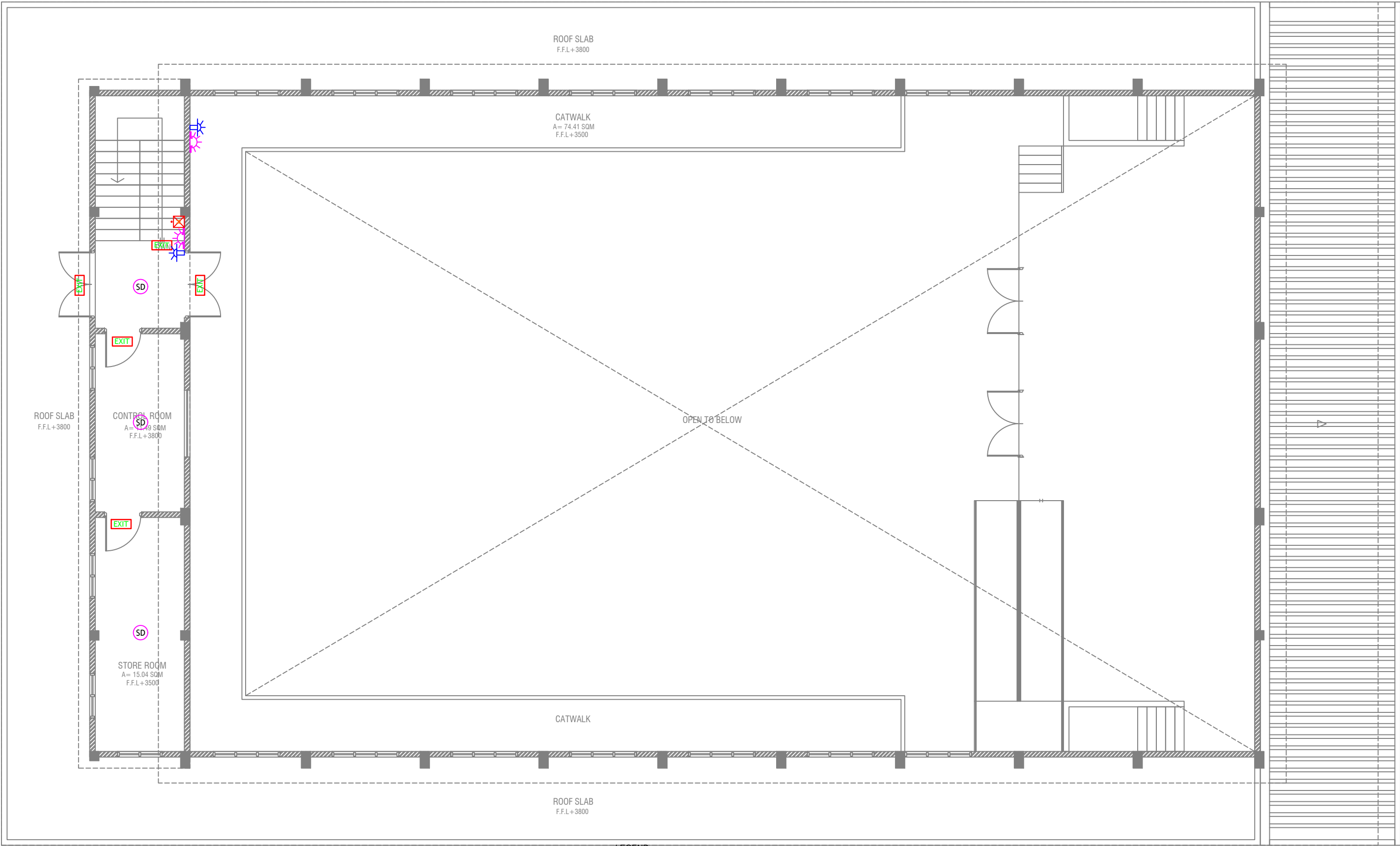
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Title: Ground Floor  
FDP Layout  
Page#DP - 01/02

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FIRST FLOOR FDP LAYOUT

SCALE 1:100



LEGEND

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

- CO<sub>2</sub> EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE(TYP.)  
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FACP FIRE ALARM CONTROL PANEL  
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Client: Ministry of Education

Project Number: B/2017/012  
Date: February 2019  
Architect: Izzana Amir  
Engineer: Ahmed Zuhair Zakiem  
Services: Architectural  
Interior :-



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

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