

Proposed Multipurpose Hall Building at F.Bilehdhoo School

SERVICES DRAWINGS
Client: Ministry of Education



RIYAN PRIVATE LIMITED

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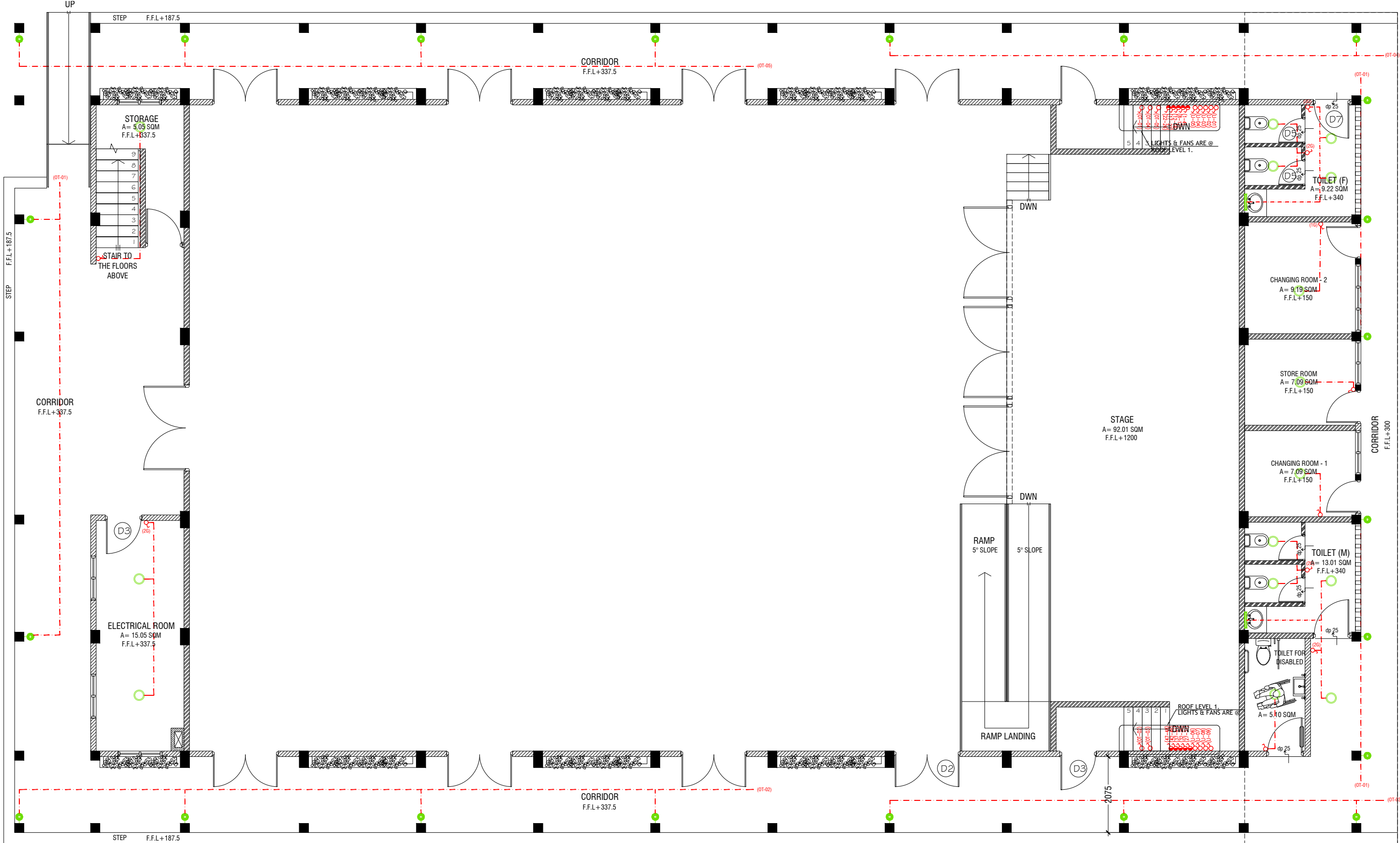
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3rd floor, H. Azum, Armeenemadu, Male'

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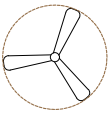


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EP - 01 / 02	GROUND FLOOR POWER LAYOUT	---	---	---
EP - 02 / 02	1ST FLOOR POWER LAYOUT	---	---	---
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DETAIL - 01 / 01	GROUND WATER WELL DETAIL	---	---	---







GROUND FLOOR LIGHTING LAYOUT

SCALE 1:100

LEGEND

-  4 x 55W PLL Lamps
(Wire guard, Polycarbonate diffuser, Emergency and dimming versions)
-  LED CEILING DOWN LIGHT (18W)
-  CEILING FAN (52" - 54")
-  40W (IP 65) OUT DOOR WALL LIGHT
-  MIRROR LIGHT (7W LED LIGHT)

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

NOTE:

- ALL WIRING TO BE OF STELCO APPROVED STANDARDS
- SWITCH CONTROL = 1200MM FROM FLOOR FIN. LEVEL
- ALL LIGHTING POINTS CONNECTED TO THEIR RESPECTIVE DB
- POLYCARBONATE ENCLOSURE TO ALL SWITCH AND SOCKET WHICH ARE LOCATED AT THE OUTDOORS
-

NOTE:

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

F.Bilehthoo School Hall

Client: Ministry of Education

Project Number: R/2020/006

Date: January 2021

Architect: Mariyam Leelan

Drawn by: Mariyam Leelan

Services: Alkhatir Ahmed

Interior: -

Rev no

Date

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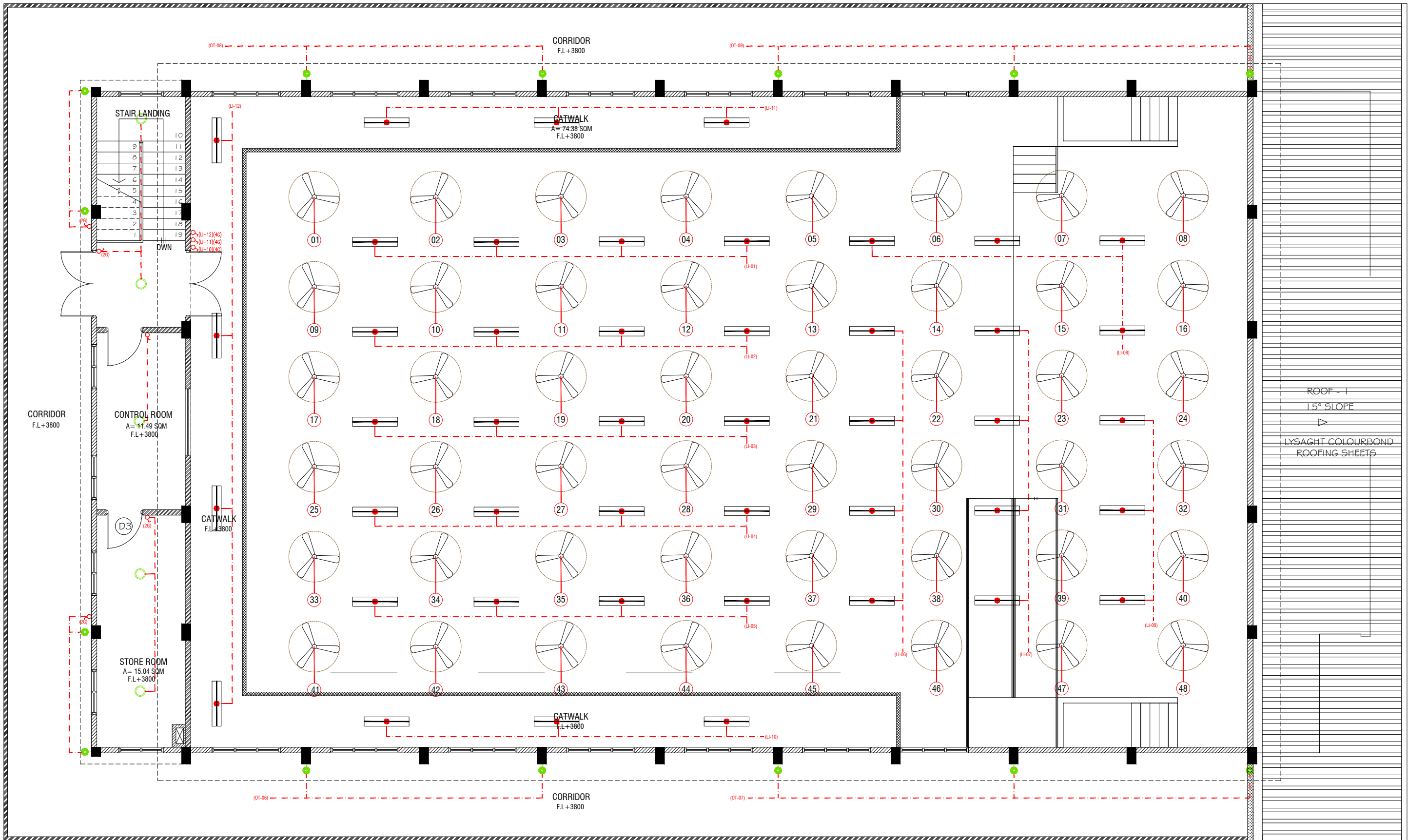
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FIRST FLOOR LIGHTING LAYOUT

SCALE 1:100



LEGEND

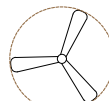


4 x 55W PLL Lamps
(Wire guard, Polycarbonate diffuser, Emergency and dimming versions)

C2



LED CEILING DOWN LIGHT (18W)



CEILING FAN (52" - 54")

WPD



40W (IP 65) OUT DOOR WALL LIGHT

ML



MIRROR LIGHT (7W LED LIGHT)



LIGHT SWITCH



CEILING FAN SWITCH



CIRCUIT LINE



SWITCHING LINE

NOTE:

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Client: Ministry of Education

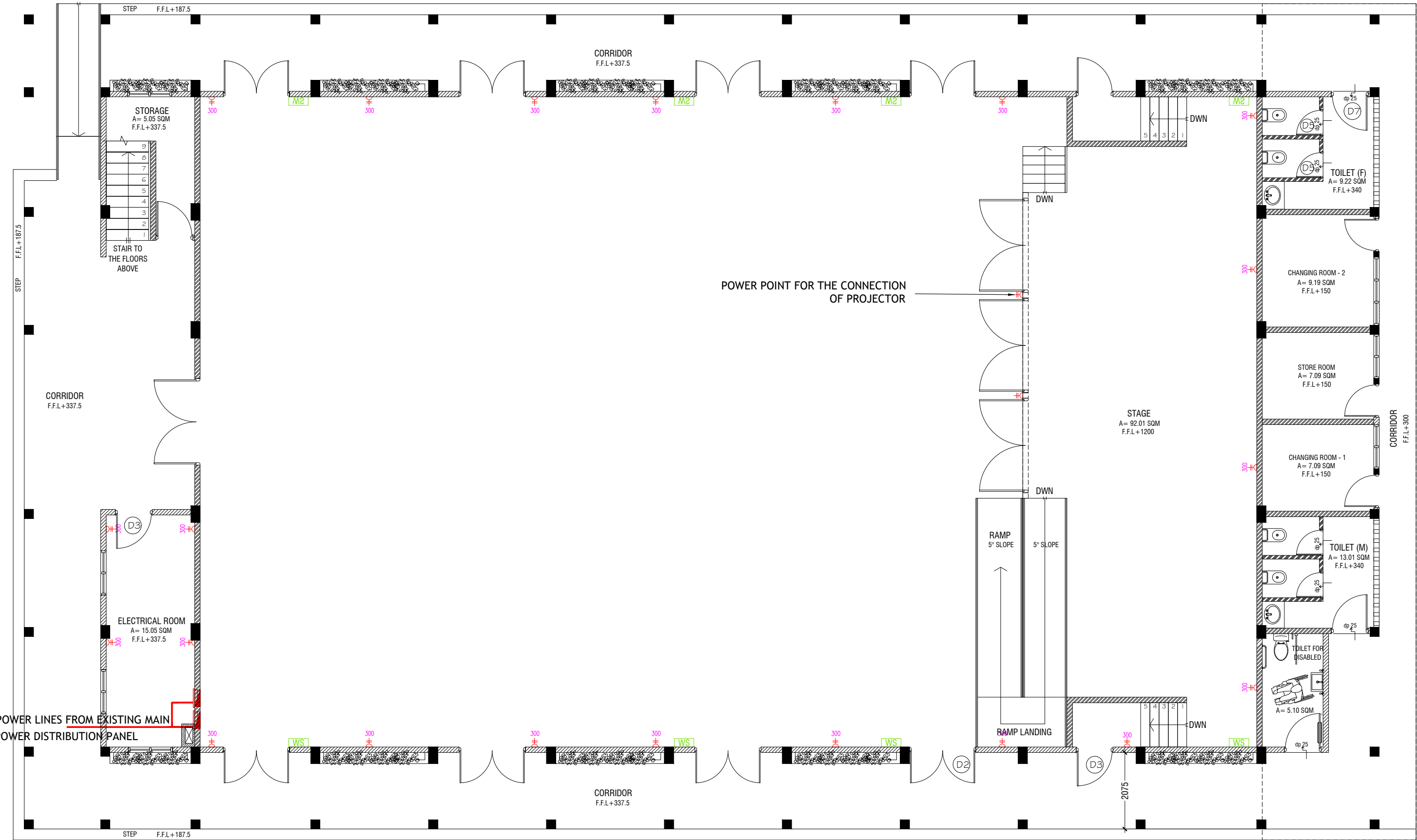
Project Number: R/2020/006
Date: January 2021
Architect: Marjyam Taha Shalaby
Electrical Engineer: Marjyam Taha Shalaby
Drawn by: Marjyam Taha Shalaby
Services: Alsharif Ahmed
Interior: -



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3rd Floor, H. Al-Qadiri, Amman, Jordan

Title: 1st Floor
Lighting Layout
Page: EL - 02/02

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GROUND FLOOR POWER LAYOUT

SCALE 1:100

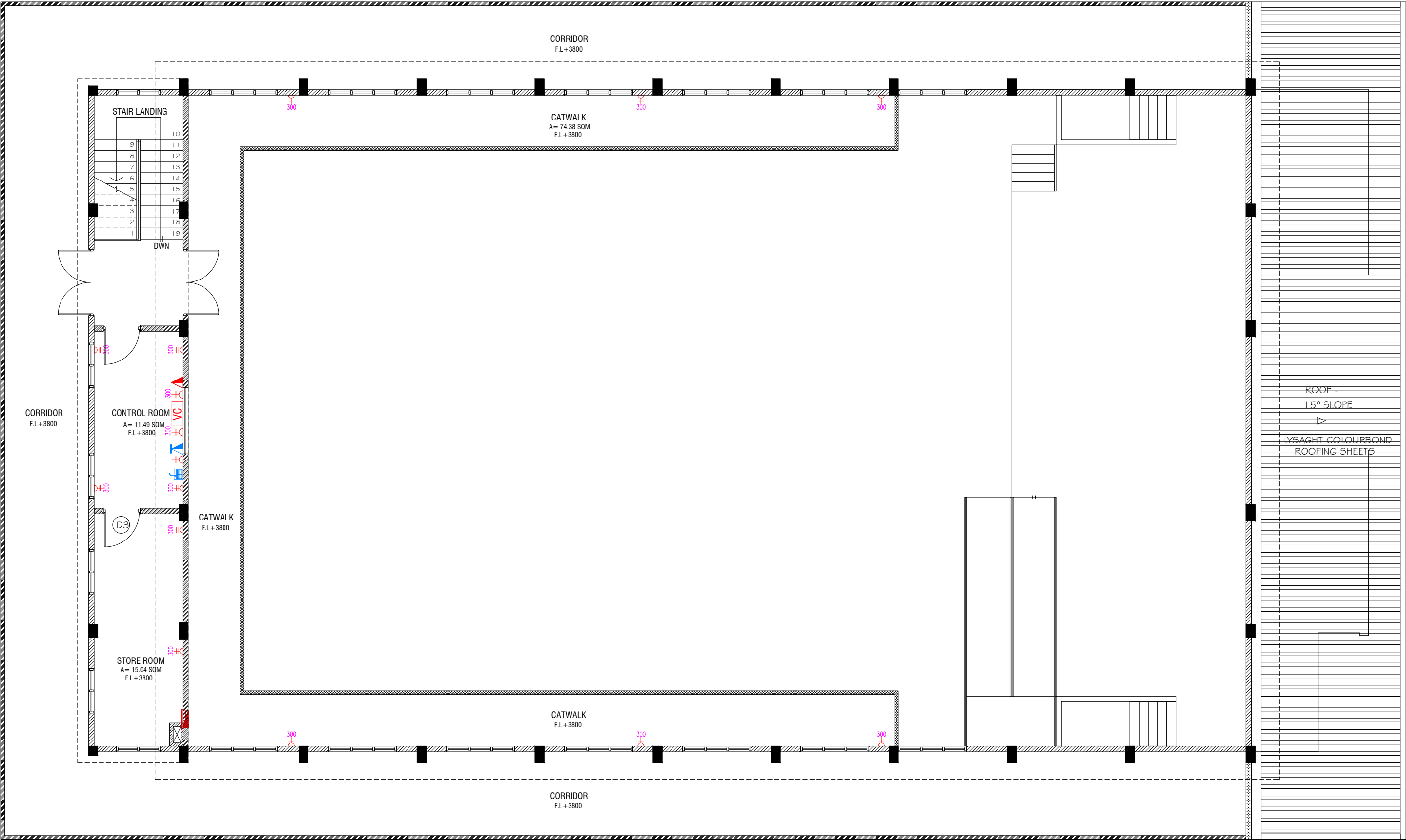


- PHONE EXTENSION
- COMPUTER NETWORK OUTLET (RJ 45 CONNECTORS)
- TELEPHONE OUTLET (RJ11, CONNECTOR)
- 13A POWER POINT
- 13A TWIN SOCKET OUTLET
- 15A.SWITCHED/ SPUR UNIT @ H.L.
- DISTRIBUTION BOX
- WALL SPEAKERS AT CEILING LEVEL

- NOTE:
- ALL WIRING TO BE OF APPROVED STANDARDS
 - POWER/IT/COMPUTER SOCKETS = 300MM - 450MM FROM FLOOR FIN. LEVEL
 - SWITCH CONTROL / SOCKET = 1100MM - 1200MM FROM FLOOR FIN. LEVEL
 - KITCHEN SOCKETS / PANTRY SOCKETS = 1150MM - 1250MM FROM FLOOR FIN. LEVEL
 - AC = 2500MM - 2700MM FROM FLOOR FIN. LEVEL

ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

SPEAKERS TO BE CONNECTED TO THE MAIN PA SYSTEM OF THE SCHOOL



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
- VOLUME CONTROLLER

NOTE:

- ALL WIRING TO BE OF APPROVED STANDARDS
- POWER/IT/COMPUTER SOCKETS = 300MM - 450MM FROM FLOOR FIN. LEVEL
- SWITCH CONTROL / SOCKET = 1100MM - 1200MM FROM FLOOR FIN. LEVEL
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ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

SPEAKERS TO BE CONNECTED TO THE MAIN PA SYSTEM OF THE SCHOOL

F.Bilehdhoo School Hall
Client: Ministry of Education

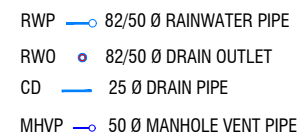
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Title: 1st Floor
Power Layout
Page: EP - 02/02

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F&Blehdhoo School Hall
Client: Ministry of Education

Project : M&B202/006

Architect : Maryiam Iyasha Sharief

Engineer : Mohamed Mutthiah Vallied

Structural Engineer : Mohamed Ali

Services : Asstah Ahmed

Rev no

1

2

3

4

Date


10/01/2020

10/01/2020

10/01/2020

10/01/2020

Interior :-



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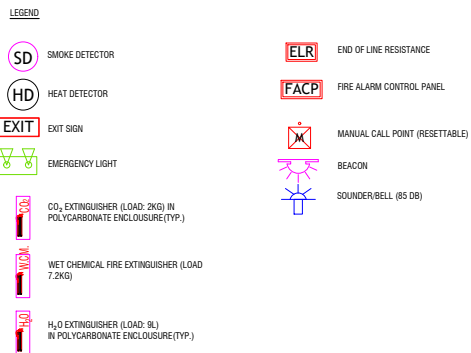
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Title: 1st Floor

Page: DR - 02/04

1st Floor

Drainage Layout



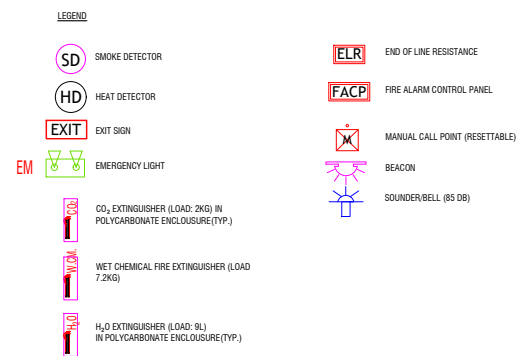
1. ALL PIPES SHOULD BE GALVANIZED, SCHEDULE 40.
2. ALL PIPE SHALL BE PAINTED IN RED AS PER REGULATION.
3. ALL SUPPORT/BRAKET SHALL BE HOT DIPPED GALVANIZED TO 100MM
4. ALL FIRE EXTINGUISHER INSIDE CABINETS. (CABINET SHOULD BE PROVIDED)

FIRST FLOOR FDP LAYOUT

SCALE 1:100



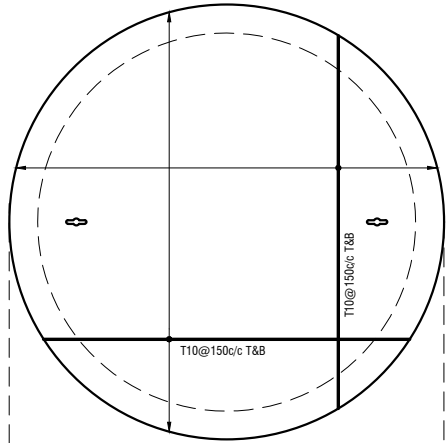
LEGEND



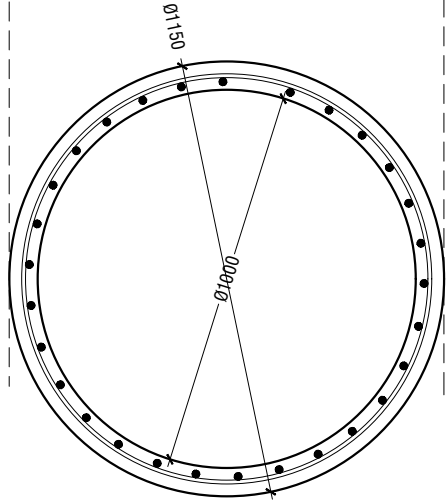
ALL FIRE RATED DOOR SHOULD COME WITH PACKING (EXPANSION SEAL TRAP)

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2. ALL PIPE SHALL BE PAINTED IN RED AS PER REGULATION.
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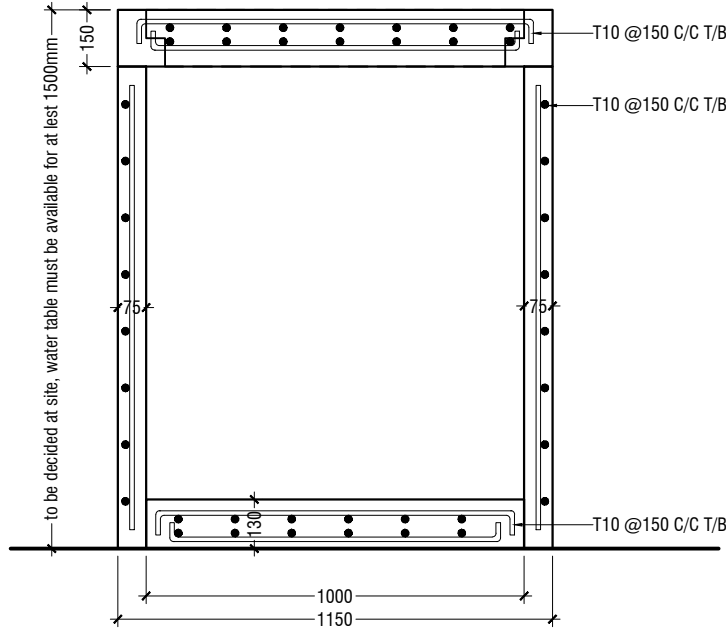
WATER TANK WALL TOP & BOTTOM SLAB



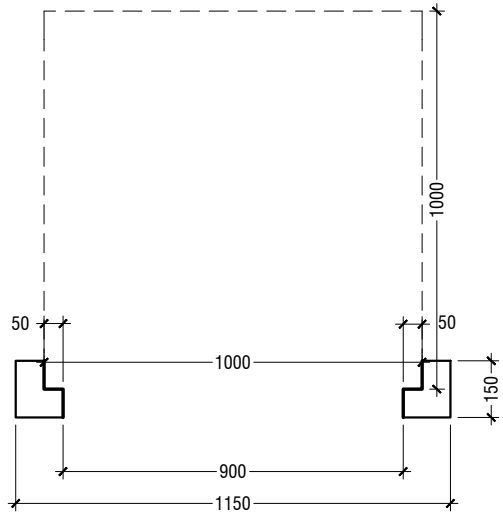
WATER TANK WALL REINF.



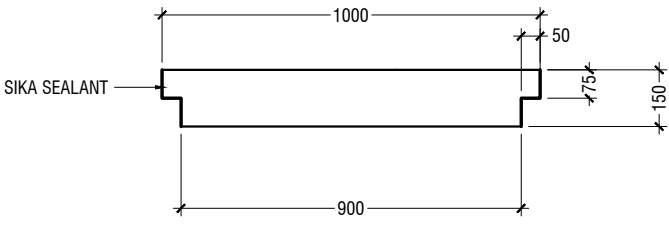
WATER TANK SECTION



ELEVATION

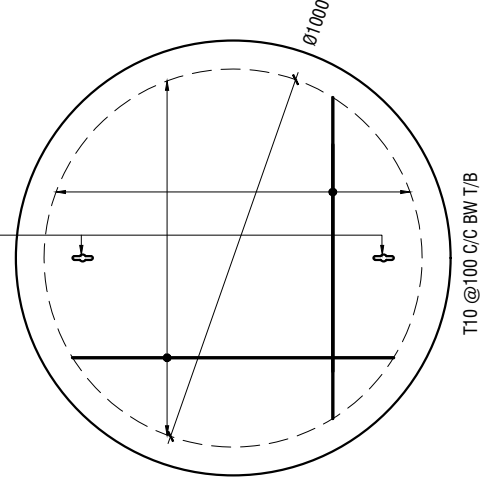


SECTION



KEYHOLES (THE KEYHOLES SHALL BE COVERED FROM A RUBBER SEALER ON TOP OF IT)

PLAN



NOTE:
- ALL CONCRETE WORKS BELOW GROUND AND AT TERRACE LEVEL TO BE TREATED WITH 'SIKA' WATERPROOFING CHEMICAL OR EQUIVALENT
- PROVIDE PROVISION FOR WATER ENTRANCE THROUGH THE BASE

WATER TANK DETAILS

SCALE 1:20

WATER TANK LID DETAILS

SCALE 1:20