

Proposed Multipurpose Hall & 4 Classroom Building at Gdh.Vaadhoo Jamaaluddin School

SERVICES *DRAWINGS*
Client: Ministry of Education



RIYAN PRIVATE LIMITED

t : +9603315049 f : +9603310776
e : info@riyan.com.mv

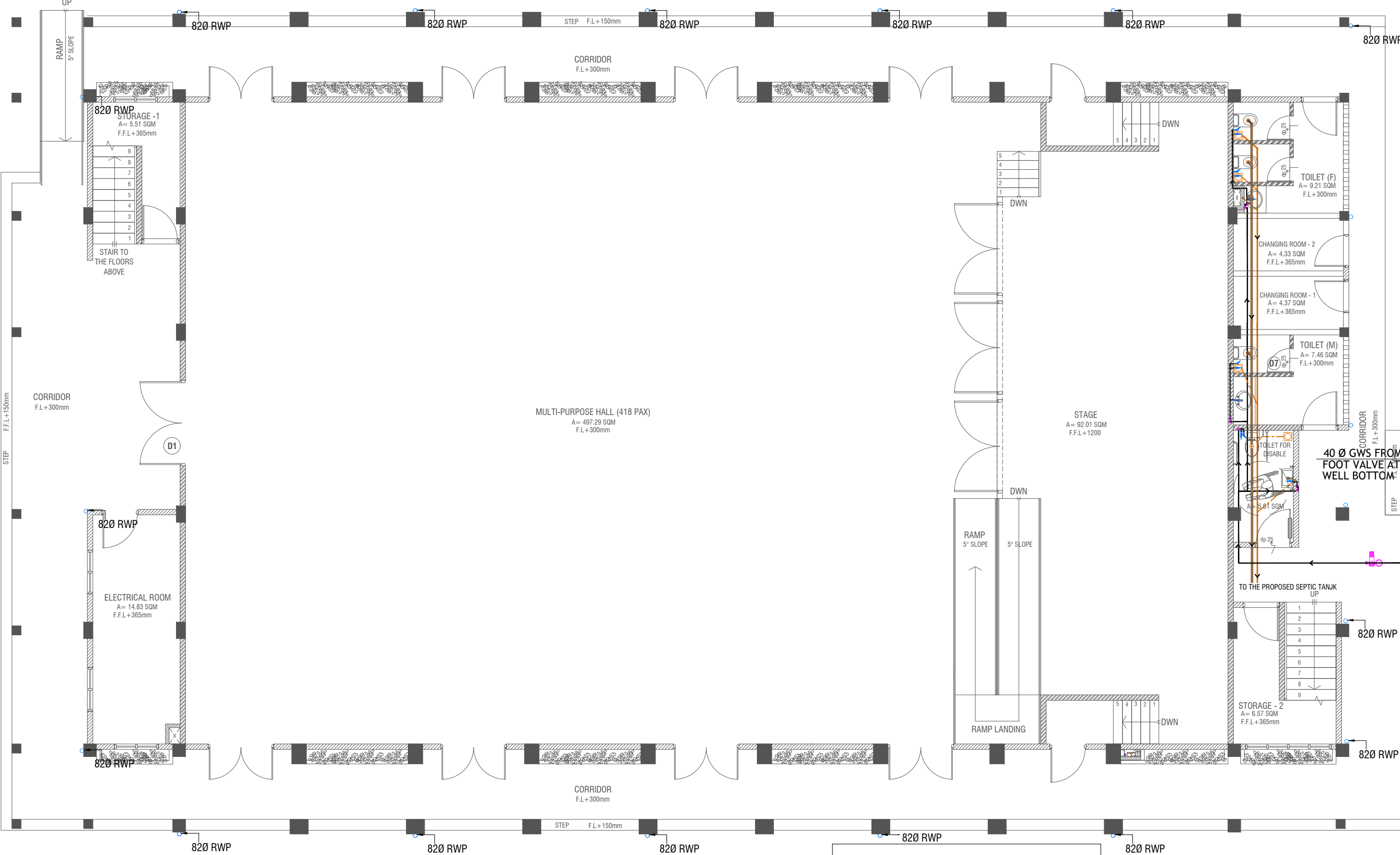
w : www.riyan.com.mv

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

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright

TABLE OF CONTENTS

DRAWING No.	TITLE	REVISION No.	DATE	REMARKS
S E R V I C E S		---	---	---
EL - 01 / 03	GROUND FLOOR LIGHTING LAYOUT	---	---	---
EL - 02 / 03	1ST FLOOR LIGHTING LAYOUT	---	---	---
EL - 03 / 03	2nd FLOOR LIGHTING LAYOUT	---	---	---
EP - 01 / 03	GROUND FLOOR POWER LAYOUT	---	---	---
EP - 02 / 03	1ST FLOOR POWER LAYOUT	---	---	---
EP - 03 / 03	2nd FLOOR POWER LAYOUT	---	---	---
DR - 01 /05	GROUND FLOOR PLUMBING & DRAINAGE LAYOUT	---	---	---
DR - 02 /05	1ST FLOOR DRAINAGE LAYOUT	---	---	---
DR - 03 /05	2nd FLOOR DRAINAGE LAYOUT	---	---	---
DR - 04 /05	ROOF PLAN -1 DRAINAGE LAYOUT	---	---	---
DR - 05 /05	ROOF PLAN -2 DRAINAGE LAYOUT	---	---	---
FDP - 01 / 02	GROUND FLOOR FDP LAYOUT	---	---	---
FDP - 02 / 03	1ST FLOOR FDP LAYOUT	---	---	---
FDP - 03 / 03	2nd FLOOR FDP LAYOUT	---	---	---
DETAIL - 01 / 02	SEPTIC TANK DETAIL	---	---	---
DETAIL - 02 / 02	GROUND WATER WELL DETAIL	---	---	---

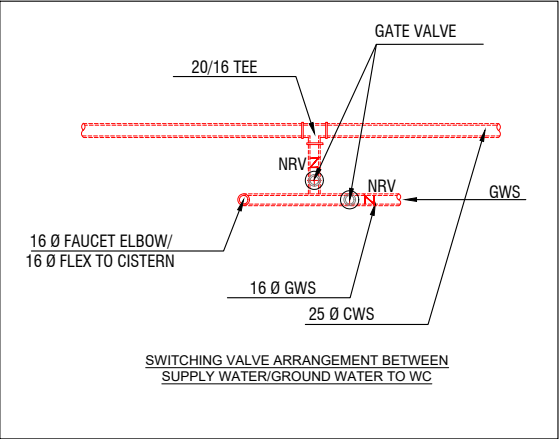


GROUND FLOOR PLUMBING & DRAINAGE LAYOUT

SCALE 1:100

LEGEND

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



NOTE:
- ALL RAINWATER PIPES TO BE AT GROUND LEVEL DISCHARGED THROUGH A PERFORATED COWL OR TO A SOAK PIT
- ALL SOIL AND WASTE PIPES TO BE AT GROUND LEVEL, UNDER THE SLAB.
- ALL COLD WATER PIPES SHOULD BE CPVC

NOTE:
- THE WELL SHALL BE RELOCATED ACCORDING TO THE SALINITY OF THE GROUND WATER.
- BASED ON WELL LOCATION PUMP CAPACITY AND LOACTION TO BE DECIDED

Vaadhoor Jamaaluddin School Multipurpose Hall & 4 Classroom

Client: Ministry of Education

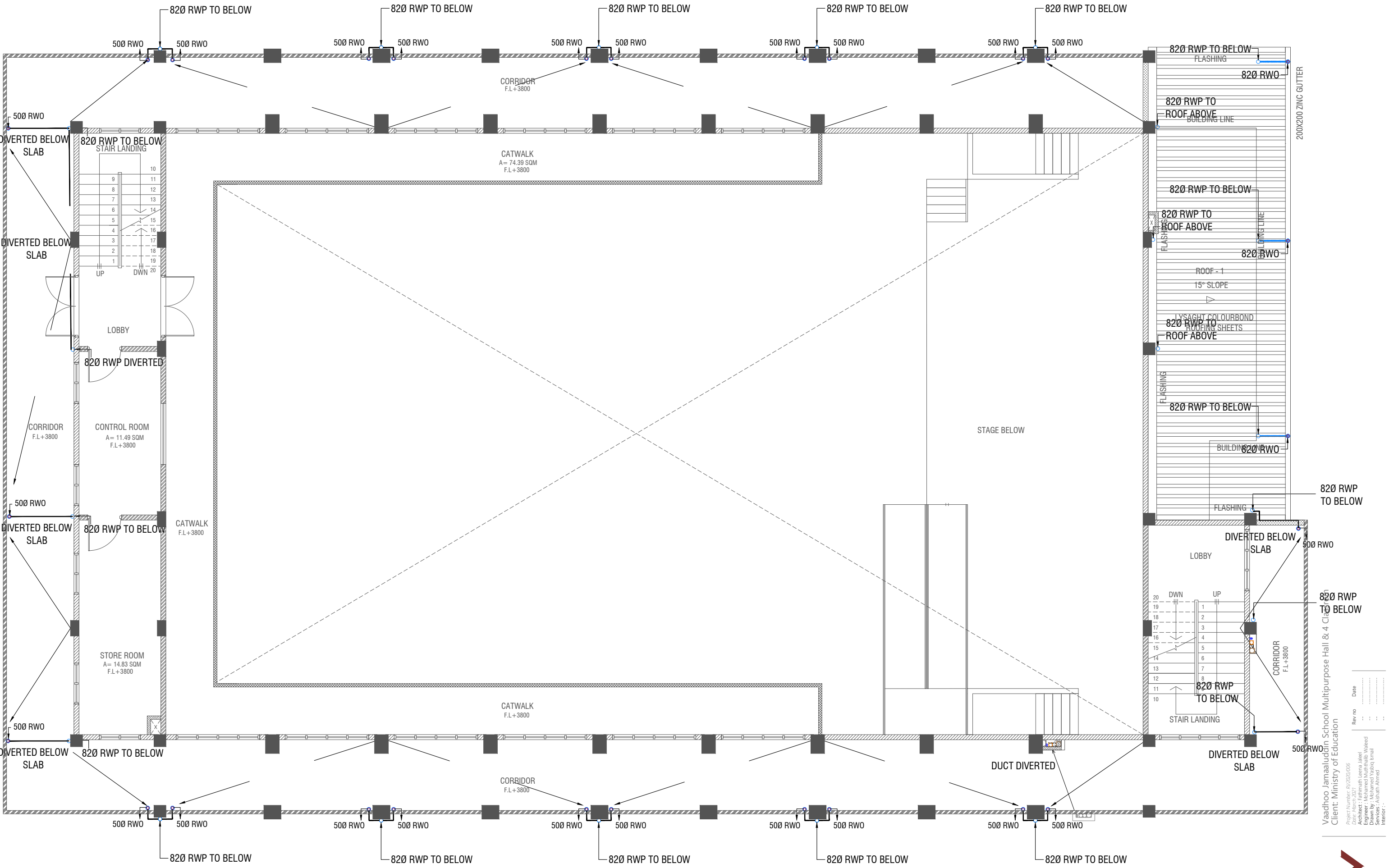
Project Number: B/2020/006
Date: March 2021
Architect: Fahimath Leena Jaleel
Engineer: Mohamed Muthalib Valsad
Services: Architectural, Structural, MEP, Electrical, Plumbing, Sanitary, Fire, Security, IT, etc.
Interior: -



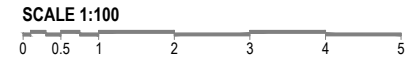
RIYAN PRIVATE LIMITED
t: +960325049 f: +9603303776
e: info@riyan.com.mv
www.riyan.com.mv
3rd floor, H. Azam, Arvenemogga, Malé

Title: Ground Floor Plumbing & Drainage Layout
Page: DR - 01/05

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.

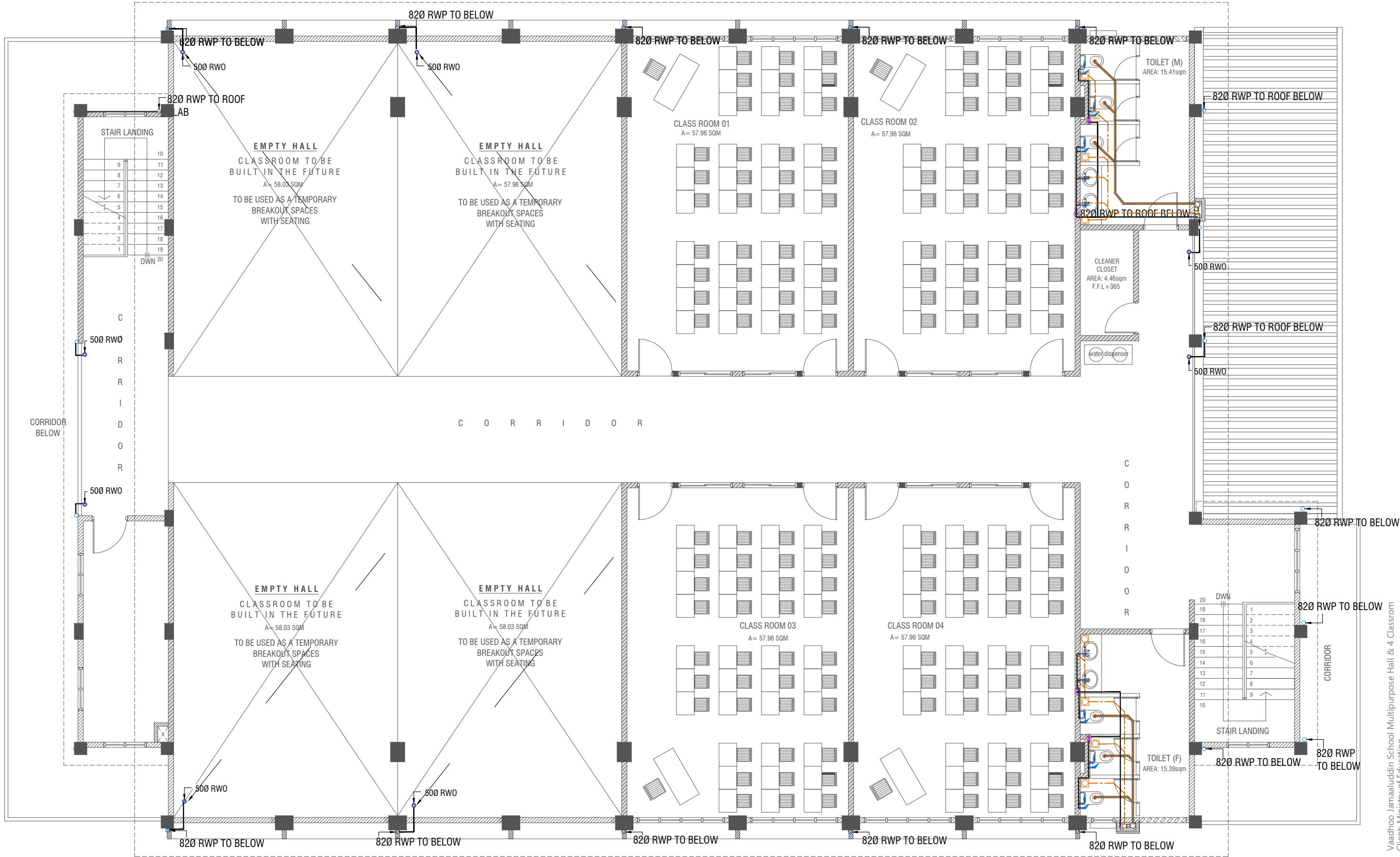


FIRST FLOOR DRAINAGE LAYOUT



- RWP 82/50 Ø RAINWATER PIPE
- RWO 82/50 Ø DRAIN OUTLET
- CD 25 Ø DRAIN PIPE
- MHVP 50 Ø MANHOLE VENT PIPE

NOTE:
- ALL RAINWATER PIPES TO BE AT GROUND LEVEL
DISCHARGED THROUGH A PERFORATED COWL OR TO A SOAK PIT



SECOND FLOOR DRAINAGE LAYOUT



- RWP 82/50 Ø RAINWATER PIPE
- RWO 82/50 Ø DRAIN OUTLET
- CD 25 Ø DRAIN PIPE
- MHVP 50 Ø MANHOLE VENT PIPE

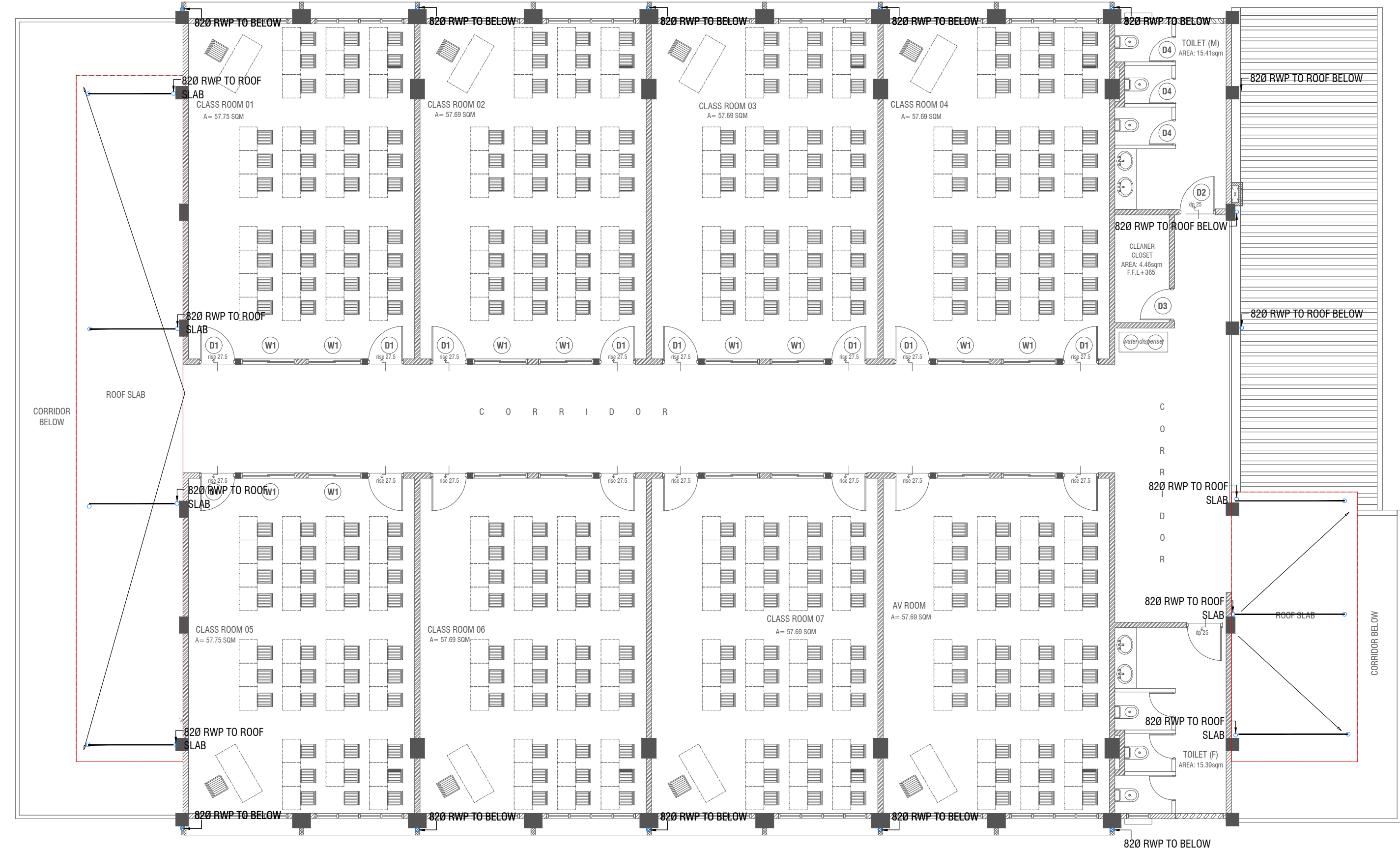
NOTE:
- ALL RAINWATER PIPES TO BE AT GROUND LEVEL
DISCHARGED THROUGH A PERFORATED COWL OR TO A SOAK PIT

Vaadhoor Jamaaluddin School Multipurpose Hall & 4 Classroom

Client: Ministry of Education

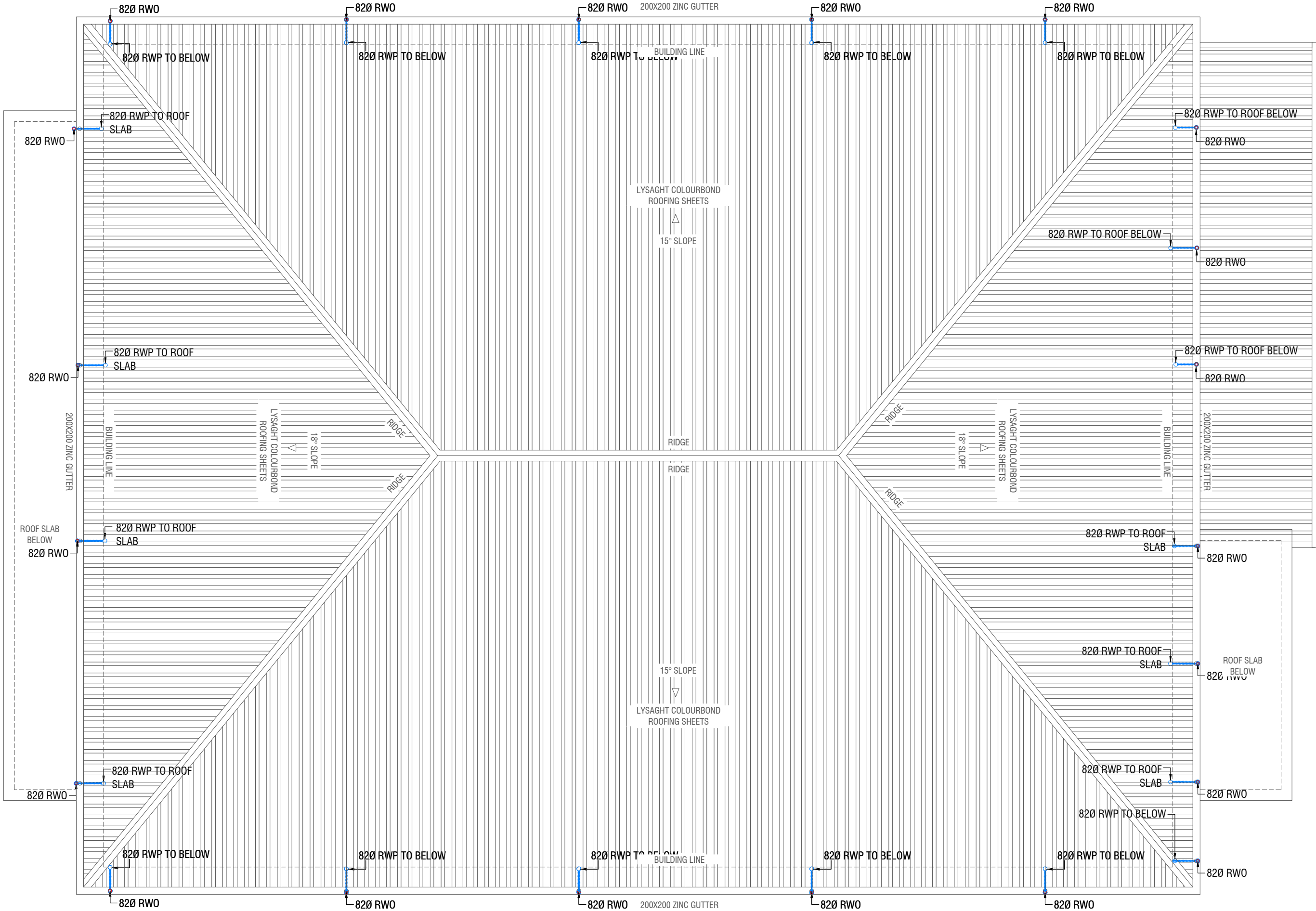
Rev no	Date
1	2023/03/05
2	2023/03/05
3	2023/03/05
4	2023/03/05
5	2023/03/05
6	2023/03/05
7	2023/03/05
8	2023/03/05
9	2023/03/05
10	2023/03/05
11	2023/03/05
12	2023/03/05
13	2023/03/05
14	2023/03/05
15	2023/03/05
16	2023/03/05
17	2023/03/05
18	2023/03/05
19	2023/03/05
20	2023/03/05

ROOF -1 DRAINAGE LAYOUT



Vaadhoor Jamaaluddin School Multipurpose Hall & 4 Classroom
Client: Ministry of Education

Rev no	Date
1	2023/05/05
2	2023/05/05
3	2023/05/05
4	2023/05/05
5	2023/05/05
6	2023/05/05
7	2023/05/05
8	2023/05/05
9	2023/05/05
10	2023/05/05
11	2023/05/05
12	2023/05/05
13	2023/05/05
14	2023/05/05
15	2023/05/05
16	2023/05/05
17	2023/05/05
18	2023/05/05
19	2023/05/05
20	2023/05/05
21	2023/05/05
22	2023/05/05
23	2023/05/05
24	2023/05/05
25	2023/05/05
26	2023/05/05
27	2023/05/05
28	2023/05/05
29	2023/05/05
30	2023/05/05
31	2023/05/05
32	2023/05/05
33	2023/05/05
34	2023/05/05
35	2023/05/05
36	2023/05/05
37	2023/05/05
38	2023/05/05
39	2023/05/05
40	2023/05/05
41	2023/05/05
42	2023/05/05
43	2023/05/05
44	2023/05/05
45	2023/05/05
46	2023/05/05
47	2023/05/05
48	2023/05/05
49	2023/05/05
50	2023/05/05
51	2023/05/05
52	2023/05/05
53	2023/05/05
54	2023/05/05
55	2023/05/05
56	2023/05/05
57	2023/05/05
58	2023/05/05
59	2023/05/05
60	2023/05/05
61	2023/05/05
62	2023/05/05
63	2023/05/05
64	2023/05/05
65	2023/05/05
66	2023/05/05
67	2023/05/05
68	2023/05/05
69	2023/05/05
70	2023/05/05
71	2023/05/05
72	2023/05/05
73	2023/05/05
74	2023/05/05
75	2023/05/05
76	2023/05/05
77	2023/05/05
78	2023/05/05
79	2023/05/05
80	2023/05/05
81	2023/05/05
82	2023/05/05
83	2023/05/05
84	2023/05/05
85	2023/05/05
86	2023/05/05
87	2023/05/05
88	2023/05/05
89	2023/05/05
90	2023/05/05
91	2023/05/05
92	2023/05/05
93	2023/05/05
94	2023/05/05
95	2023/05/05
96	2023/05/05
97	2023/05/05
98	2023/05/05
99	2023/05/05
100	2023/05/05



ROOF PLAN - 2 DRAINAGE LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5

- RWP — 82/50 Ø RAINWATER PIPE
RWO — 82/50 Ø DRAIN OUTLET
CD — 25 Ø DRAIN PIPE
MHVP — 50 Ø MANHOLE VENT PIPE

NOTE:
- ALL RAINWATER PIPES TO BE AT GROUND LEVEL
DISCHARGED THROUGH A PERFORATED COWL OR TO A SOAK PIT

Vaadhoo Jamaaluddin School Multipurpose Hall & 4 Classroom
Client: Ministry of Education

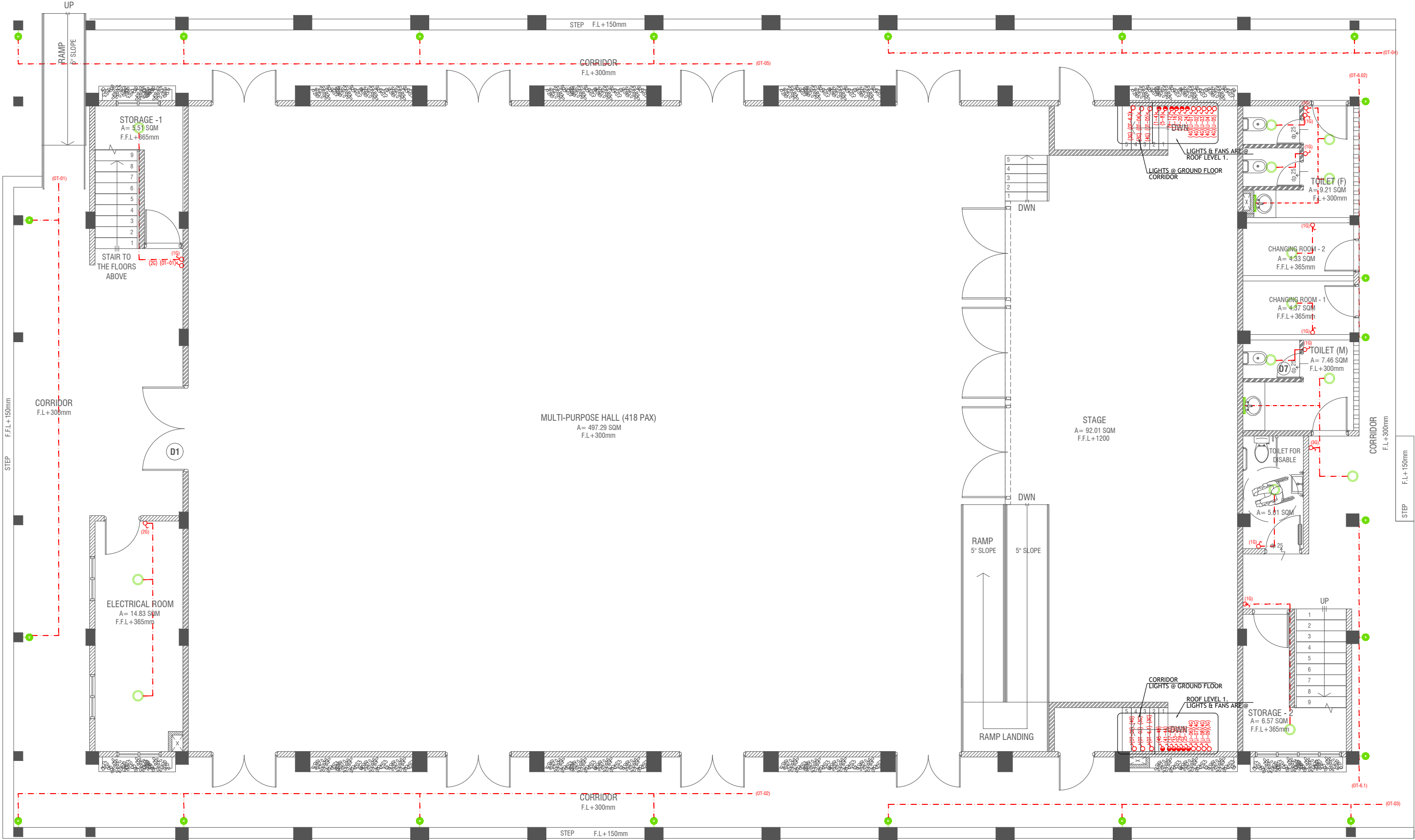
Rev no	Date
1	05/05/2021
2	05/05/2021
3	05/05/2021
4	05/05/2021
5	05/05/2021
6	05/05/2021
7	05/05/2021
8	05/05/2021
9	05/05/2021
10	05/05/2021



RIYAN PRIVATE LIMITED
t: +9603250491 f: +9603307076
e: info@riyan.com.mv
www.riyan.com.mv
3rd floor, H. Azam, Arvenemogga, Malé

Title: Roof Plan - 2
Drainage Layout
Page: DR - 05/05

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.



GROUND FLOOR LIGHTING LAYOUT

SCALE 1:100



LEGEND

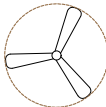


4 x 55W PLL Lamps
(Wire guard, Polycarbonate diffuser, Emergency and dimming versions)

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 (4G)



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"

Vaadhoo Jamaaluddin School Multipurpose Hall & 4 Classroom
Client: Ministry of Education

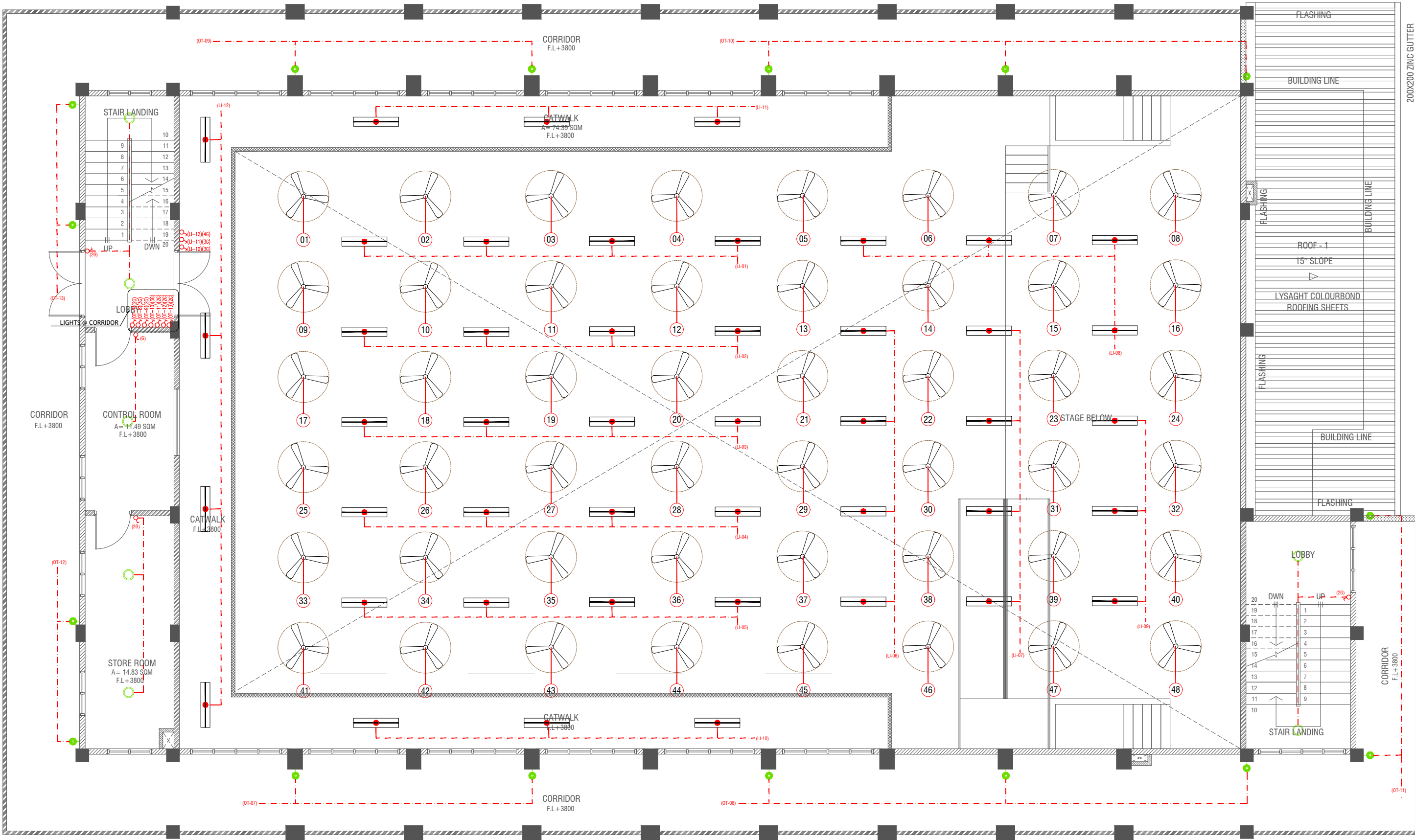
Rev no	Date
1	2023/05/06
2	2023/05/06
3	2023/05/06
4	2023/05/06
5	2023/05/06
6	2023/05/06
7	2023/05/06
8	2023/05/06
9	2023/05/06

Project Number: R/2023/006
Date: May/2023
Architect: Fatimah Leena Jaleel
Engineer: Mohamed Muthalib Waheed
Interior Designer: Aishah Ahmed
Interior :-

RIYAN PRIVATE LIMITED
t: +963 25049 f: +963 250776
e: info@riyan.com.mv
www.riyan.com.mv
3rd floor, H. Azam, Ammanmaga, Malé

Title: Ground Floor
Lighting Layout
Page: EL - 01/03

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.

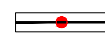


FIRST FLOOR LIGHTING LAYOUT

SCALE 1:100



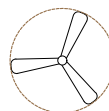
LEGEND



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:

- 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"

200X200 ZINC GUTTER

Vaadhoo Jamaaluddin School Multipurpose Hall & 4 Classroom
Client: Ministry of Education

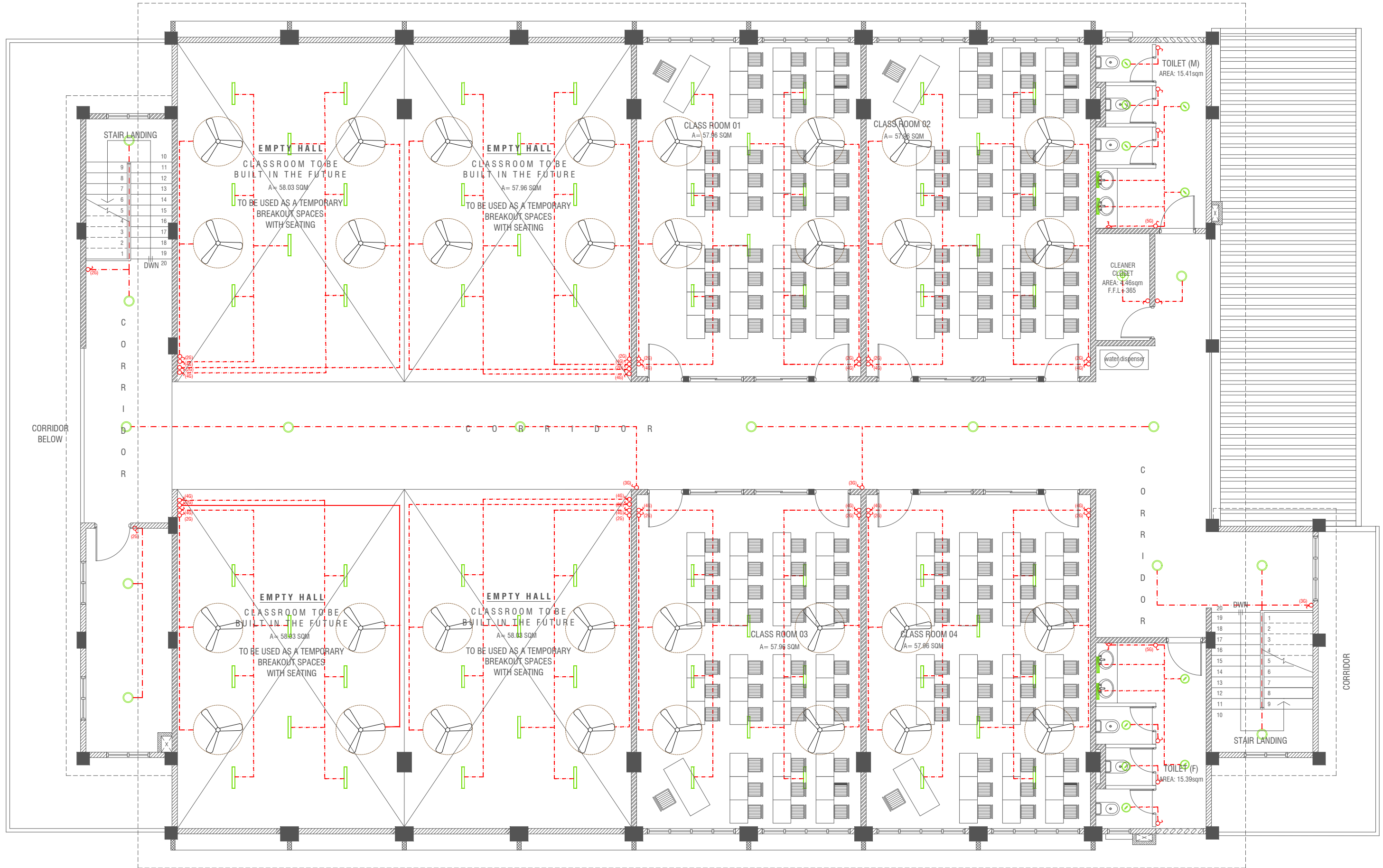
Project Number: B/2020/006
Date: March 2021
Architect: Fatimah Leena Jaleel
Engineer: Mohamed Muthaib Waleed
Services: Ashraf Ahmed
Interior: -



RIYAN PRIVATE LIMITED
t: +963 25049 f: +963 250776
e: info@riyan.com.jv
www.riyan.com.jv
3rd floor, H. Azam, Amman, Jordan

Title: 1st Floor
Lighting Layout
Page: EL - 02/03

The contents of these drawings remain a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.



SECOND FLOOR LIGHTING LAYOUT

SCALE 1:100



LEGEND

- WPD 40W (IP 65) OUT DOOR WALL LIGHT
- ML MIRROR LIGHT (7W LED LIGHT)
- H2 LED RECESSED DOWN LIGHT 12W
- CL LED CEILING LIGHT 18W

- WP LED TUBE LIGHT WITH WEATHER PROOF OPAL CASING
- C2 LED CEILING DOWN LIGHT (18W)
- LIGHT SWITCH
- SWITCHING LINE
- EXAUST

- CL2 LED TUBE LIGHT WITH OPAL CASING
- CEILING FAN (52" - 54")

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

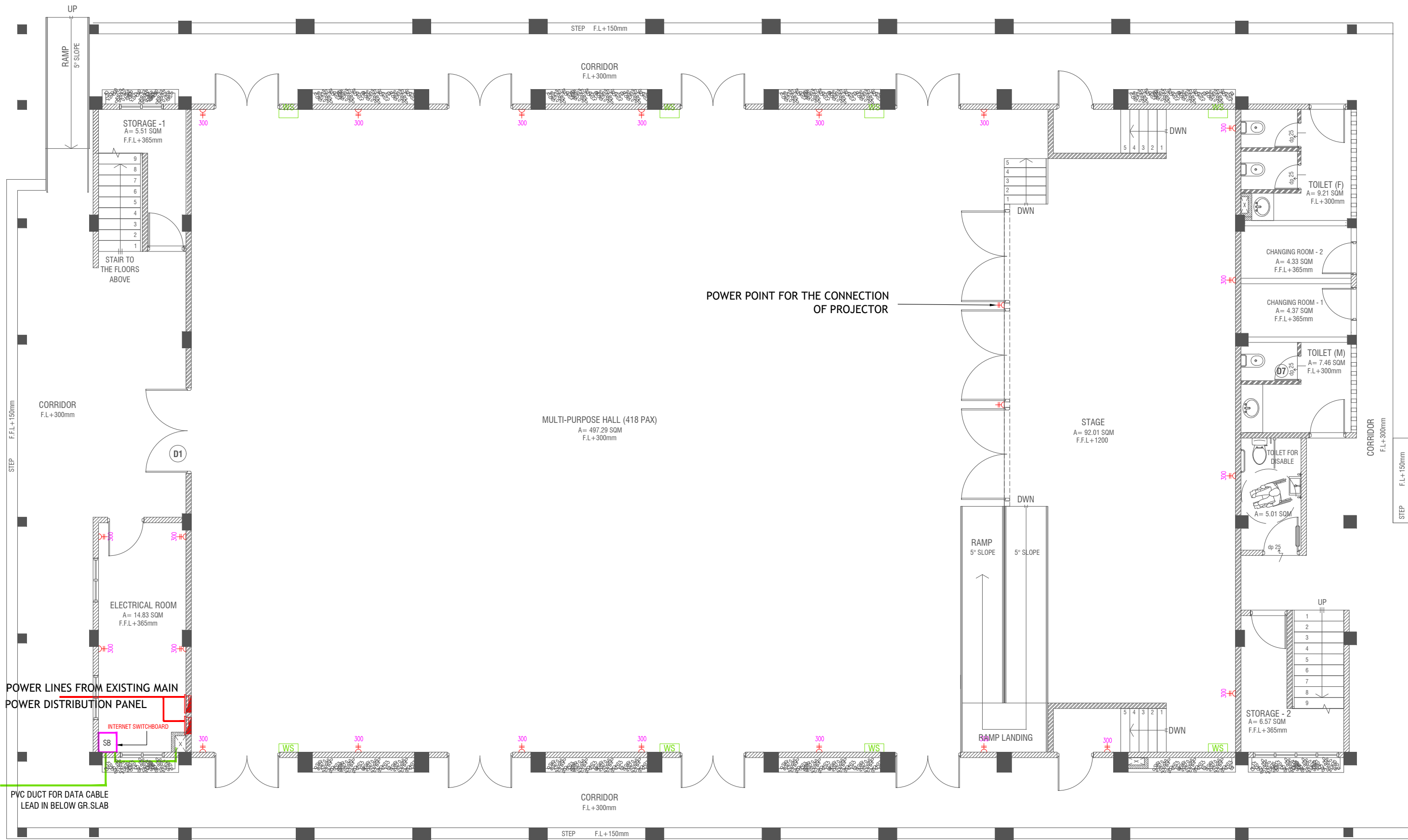
Vaadhoo Jamaaluddin School Multipurpose Hall & 4 Classroom
Client: Ministry of Education

Project Number: B/2020/006
Date: March 2021
Architect: Fatimah Leena Jaleel
Engineer: Mohamed Muthaib Waleed
Services: A/Abdullah Alkhalaf
Interior: A/Abdullah Alkhalaf

RIYAN PRIVATE LIMITED
t: +963 250491 f: +963 250776
e: info@riyan.com.om
3rd floor, H. Azam, Ammanmaga, Muscat

Title: Second Floor Lighting Layout
Page: EL - 03/03

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.



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

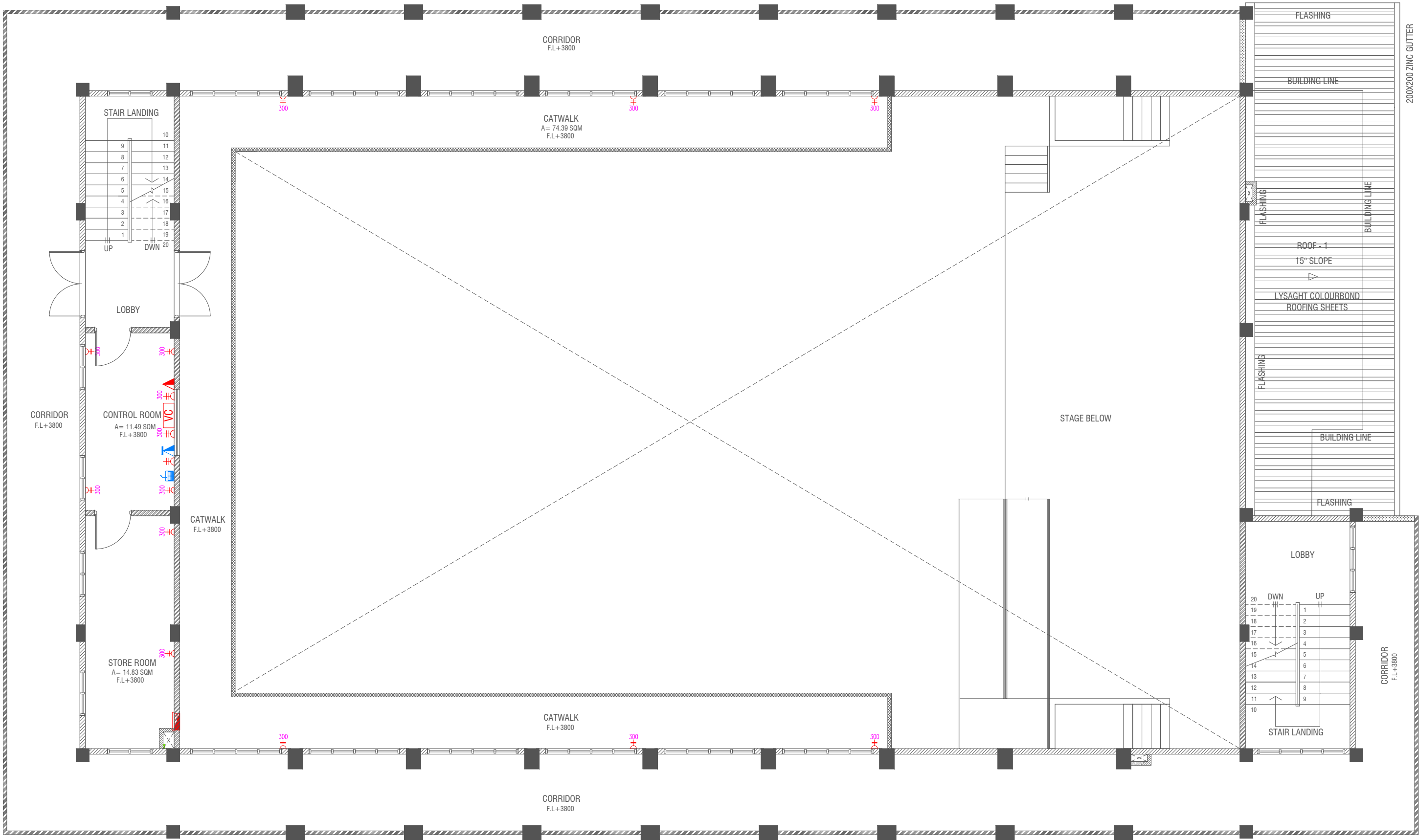
- NOTE:
- ALL WIRING TO BE OF APPROVED STANDARDS
 - POWER/IT/COMPUTER SOCKETS = 300MM - 450MM FROM FLOOR FIN. LEVEL
 - SWITCH CONTROL / SOCKET = 1100MM - 1200MM FROM FLOOR FIN. LEVEL
 - KITCHEN SOCKETS / PANTRY SOCKETS = 1150MM - 1250MM FROM FLOOR FIN. LEVEL
 - AC = 2500MM - 2700MM FROM FLOOR FIN. LEVEL

ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

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

Vaadhoo Jamaaluddin School Multipurpose Hall & 4 Classroom
Client: Ministry of Education

Rev no	Date
1	2023/05/05
2	2023/05/05
3	2023/05/05
4	2023/05/05
5	2023/05/05
6	2023/05/05
7	2023/05/05
8	2023/05/05
9	2023/05/05
10	2023/05/05



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
 - 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

Vaadhoor Jamaaluddin School Multipurpose Hall & 4 Classroom
Client: Ministry of Education

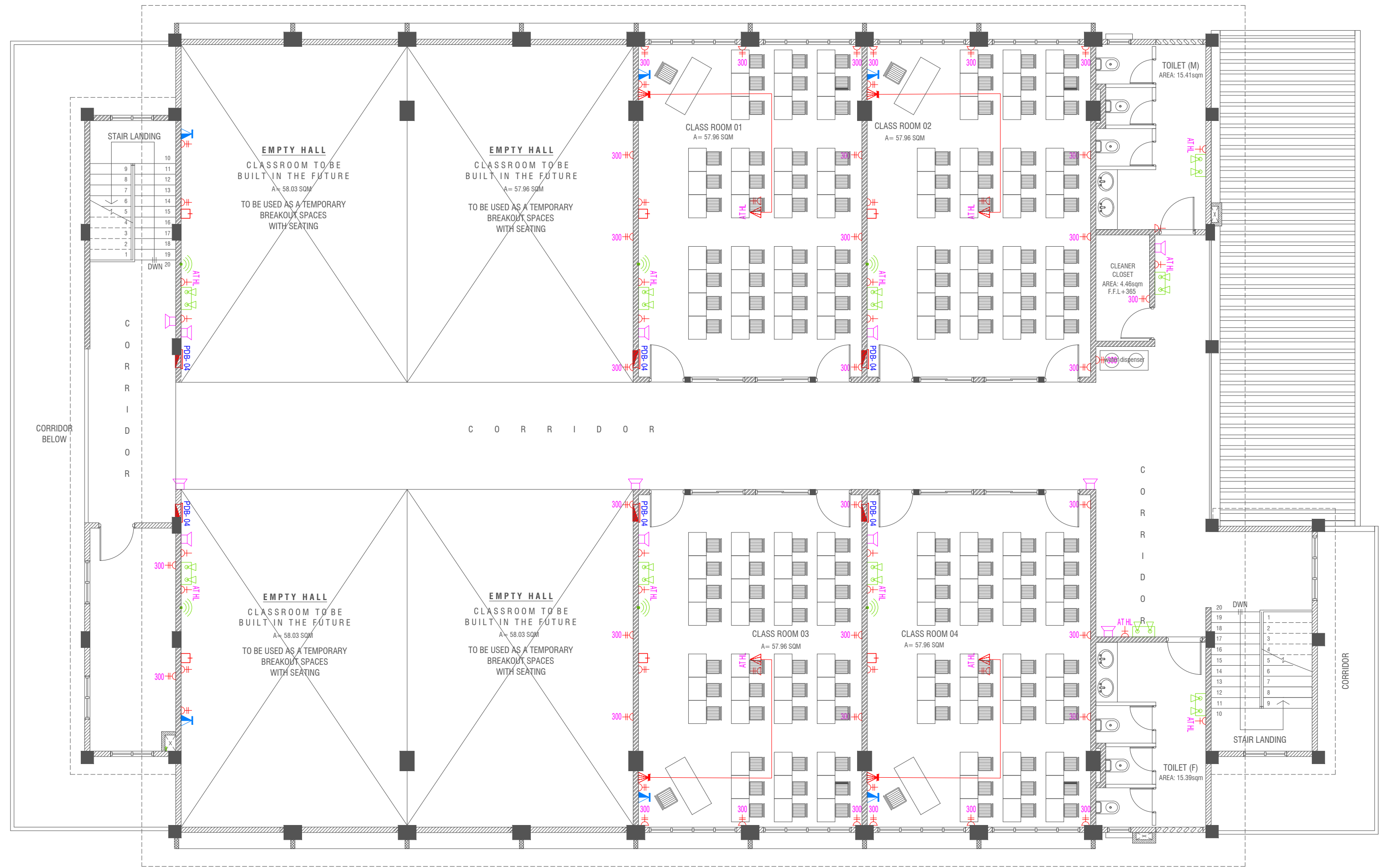
Rev no	Date
1	2023/05/06
2	2023/05/06
3	2023/05/06
4	2023/05/06
5	2023/05/06
6	2023/05/06
7	2023/05/06
8	2023/05/06
9	2023/05/06
10	2023/05/06
11	2023/05/06
12	2023/05/06
13	2023/05/06
14	2023/05/06
15	2023/05/06
16	2023/05/06
17	2023/05/06
18	2023/05/06
19	2023/05/06
20	2023/05/06

RIYAN PRIVATE LIMITED
t: +968325049 f: +9683260776
e: info@riyan.com.om
www.riyan.com.om
3rd floor, H. Azam, Ameremomaga, Muscat

Title: 1st Floor Power Layout
Page: EP - 02/03

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.

SECOND FLOOR POWER LAYOUT



LEGEND

- TELEPHONE OUTLET (RJ11, CONNECTOR)
- 13A POWER OUTLET
- 13A TWIN SOCKET OUTLET
- HDMI, VGA & RAC AV SOCKET
- DISTRIBUTION BOX
- SPEAKERS
- HDMI, VGA & RAC AV TWIN SOCKET
- TWIN COMPUTER NETWORK OUTLET
- DATA POINT
- TWO GANG / TV SOCKET OUTLET
- PAGING MIC
- VOLUME CONTROLLER
- EMERGENCY LIGHT

ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

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

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

Vaadhoor Jamaaluddin School Multipurpose Hall & 4 Classroom

Client: Ministry of Education

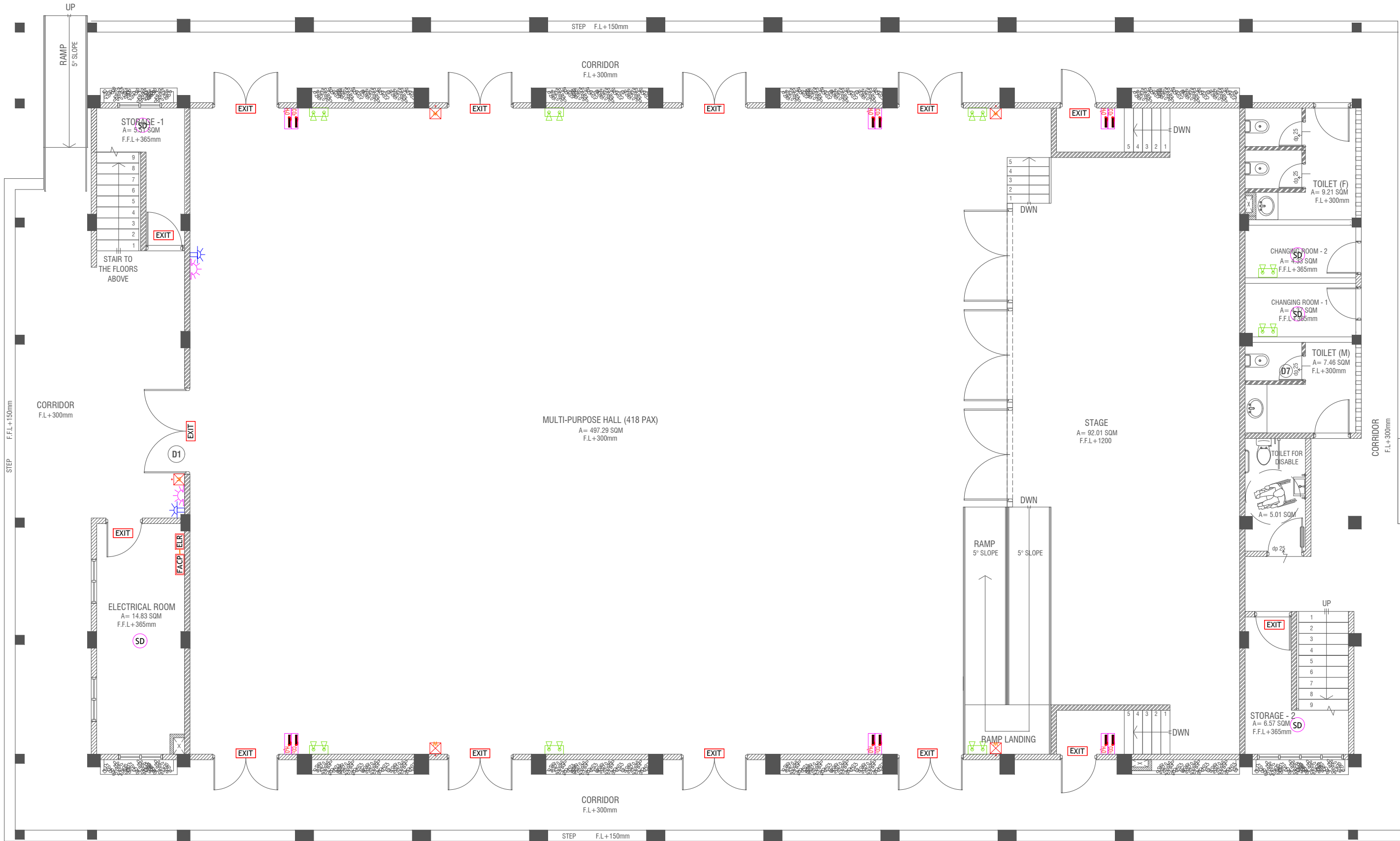
Rev no	Date
1	2023/03/03
2	2023/03/03
3	2023/03/03
4	2023/03/03
5	2023/03/03
6	2023/03/03
7	2023/03/03
8	2023/03/03
9	2023/03/03
10	2023/03/03
11	2023/03/03
12	2023/03/03
13	2023/03/03
14	2023/03/03
15	2023/03/03
16	2023/03/03
17	2023/03/03
18	2023/03/03
19	2023/03/03
20	2023/03/03



RIYAN PRIVATE LIMITED
t: +963 250491 f: +963 250776
e: info@riyan.com.nv
www.riyan.com.nv
3rd floor, H. Azam, Amman, Jordan

Title: 2nd Floor Power Layout
Page: EP - 03/03

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.



GROUND 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)

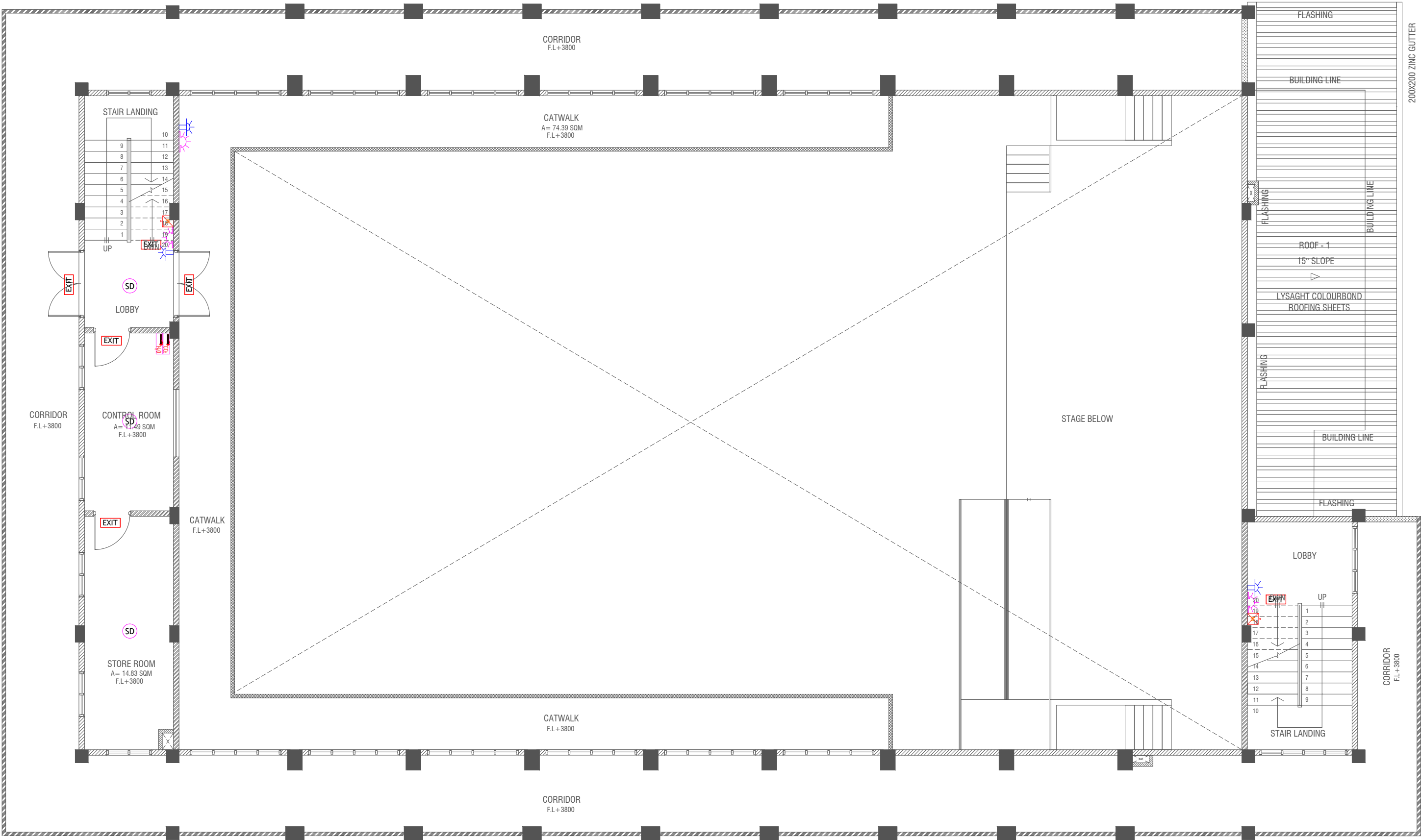
- ALL FIRE RATED DOOR SHOULD COME WITH PACKING/EXPANSION SEAL TRUMP.
1. ALL PIPES SHOULD BE GALVANIZED SCHEDULE 40.
2. ALL PIPES SHALL BE PAINTED IN RED AS PER REGULATION.
3. ALL SUPPORT/BRAKET SHALL BE HOT DIPPED GALVANIZED TO 100MM.
4. ALL FIRE EXTINGUISHER INSIDE CABINETS. (CABINET SHOULD BE PROVIDED)

Vaadhoor Jamaaluddin School Multipurpose Hall & 4 Classroom
Client: Ministry of Education

Rev no	Date
1	2023/05/05
2	2023/05/05
3	2023/05/05
4	2023/05/05
5	2023/05/05
6	2023/05/05
7	2023/05/05
8	2023/05/05
9	2023/05/05

Project Number: R/2023/005
Date: May/2023
Architect: Fahimath Leena Jaleel
Engineer: Mohamed Muthalib Vaided
Services: Aishah Ahmed
Interior: -

RIYAN PRIVATE LIMITED
t: +960325049 f: +9603303076
e: info@riyan.com.mv
www.riyan.com.mv
3rd floor, H. Azam, Ammanmogu, Malé



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)

- 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/BRACKET SHALL BE HOT DIPPED GALVANIZED TO 100N/CM
- 4. ALL FIRE EXTINGUISHER INSIDE CABINETS, (CABINET SHOULD BE PROVIDED)

200X200 ZINC GUTTER

Vaadhoor Jamaaluddin School Multipurpose Hall & 4 Classroom
Client: Ministry of Education

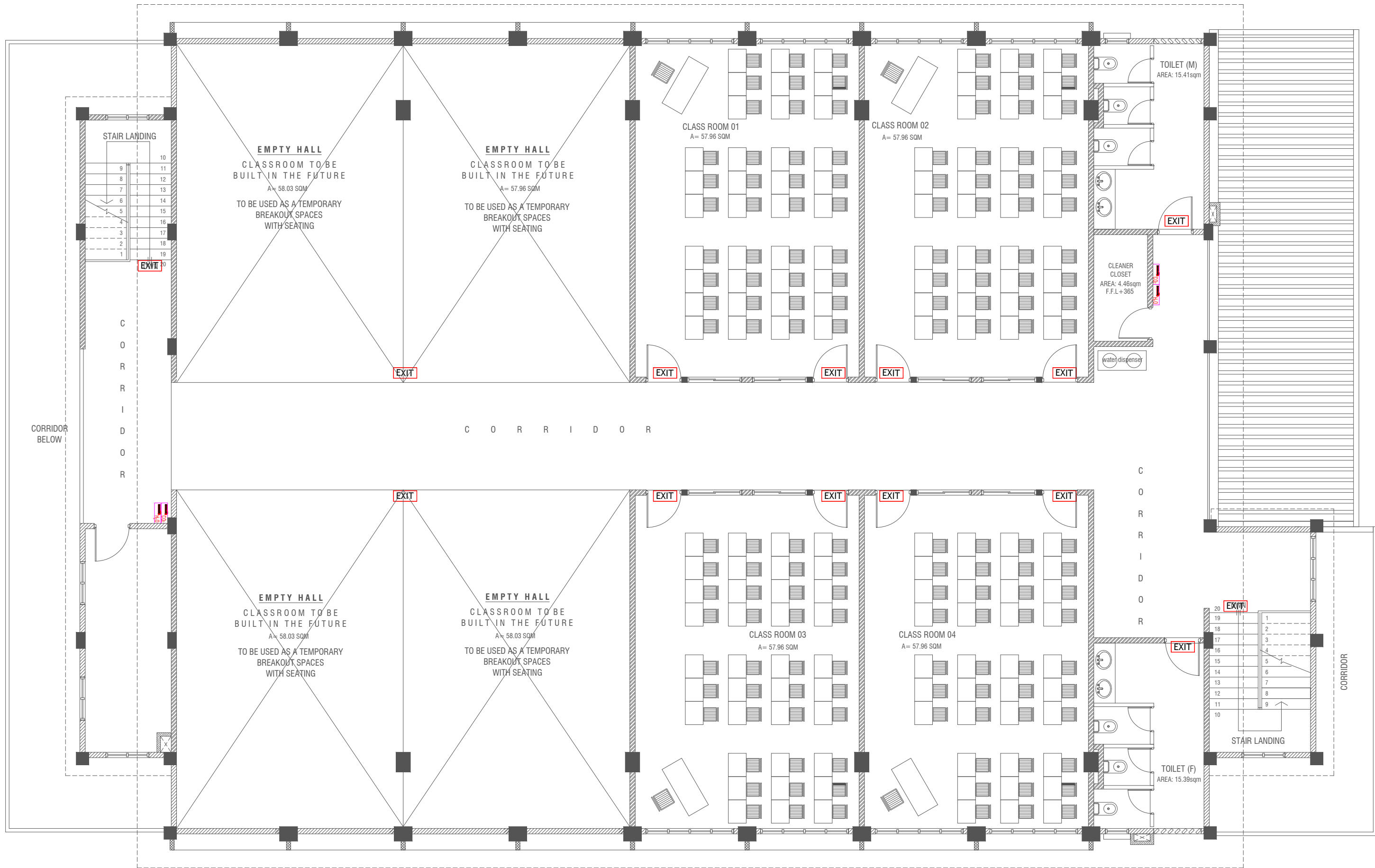
Project Number: R/2023/006
Date: March 2023
Architect: Fatimah Leena Jaleel
Engineer: Mohamed Muthalib Vaided
Services: Architectural, Structural, MEP, Electrical, Interior
Interior: -

Rev no Date
1 11/03/2023
2 11/03/2023
3 11/03/2023
4 11/03/2023
5 11/03/2023
6 11/03/2023
7 11/03/2023
8 11/03/2023
9 11/03/2023
10 11/03/2023

RIYAN PRIVATE LIMITED
t: +963 25049 f: +963 250776
e: info@riyan.com.mv
www.riyan.com.mv
3rd floor, H. Azam, Ammanmogu, Malé

Title: 1st Floor FDP Layout
Page: FDP - 02/03

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.



SECOND FLOOR FDP LAYOUT

SCALE 1:100



LEGEND



EXIT SIGN



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



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

ALL FIRE CABLES AND CONDUITS SHOULD BE FIRE RETARDANT LOW SMOKE (FRLS) TYPE.

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)

-IF THE INSTALLATION OF CEILING IS CARRIED OUT LOWER THAN BEAM BOTTOM, SMOKE DETECTORS SHOULD BE PLACED AS INDICATED ON THE DRAWING.
-ALTERNATIVELY IF THE INSTALLATION OF CEILING IS CARRIED OUT EQUAL TO BEAM BOTTOM OR IF THE CEILING IS NOT INSTALLED, SMOKE DETECTORS ARE TO BE PLACED IN BETWEEN EACH BEAM

Vaadhoo Jamaaluddin School Multipurpose Hall & 4 Classroom
Client: Ministry of Education

Project Number: B/2020/006
Date: March 2021
Architect: Fatimah Leena Jaleel
Engineer: Mohamed Muthaib Valsad
Services: Aishah Ahmed
Interior: -

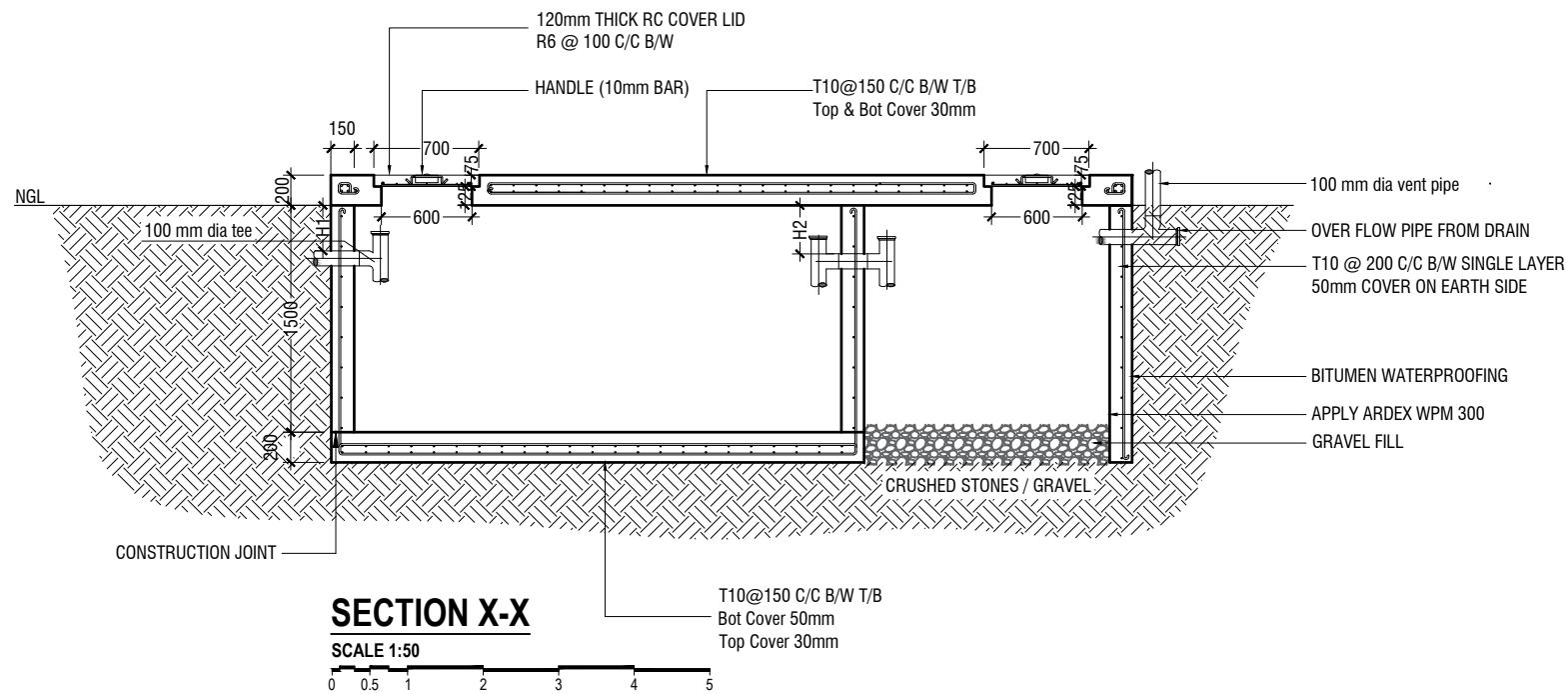
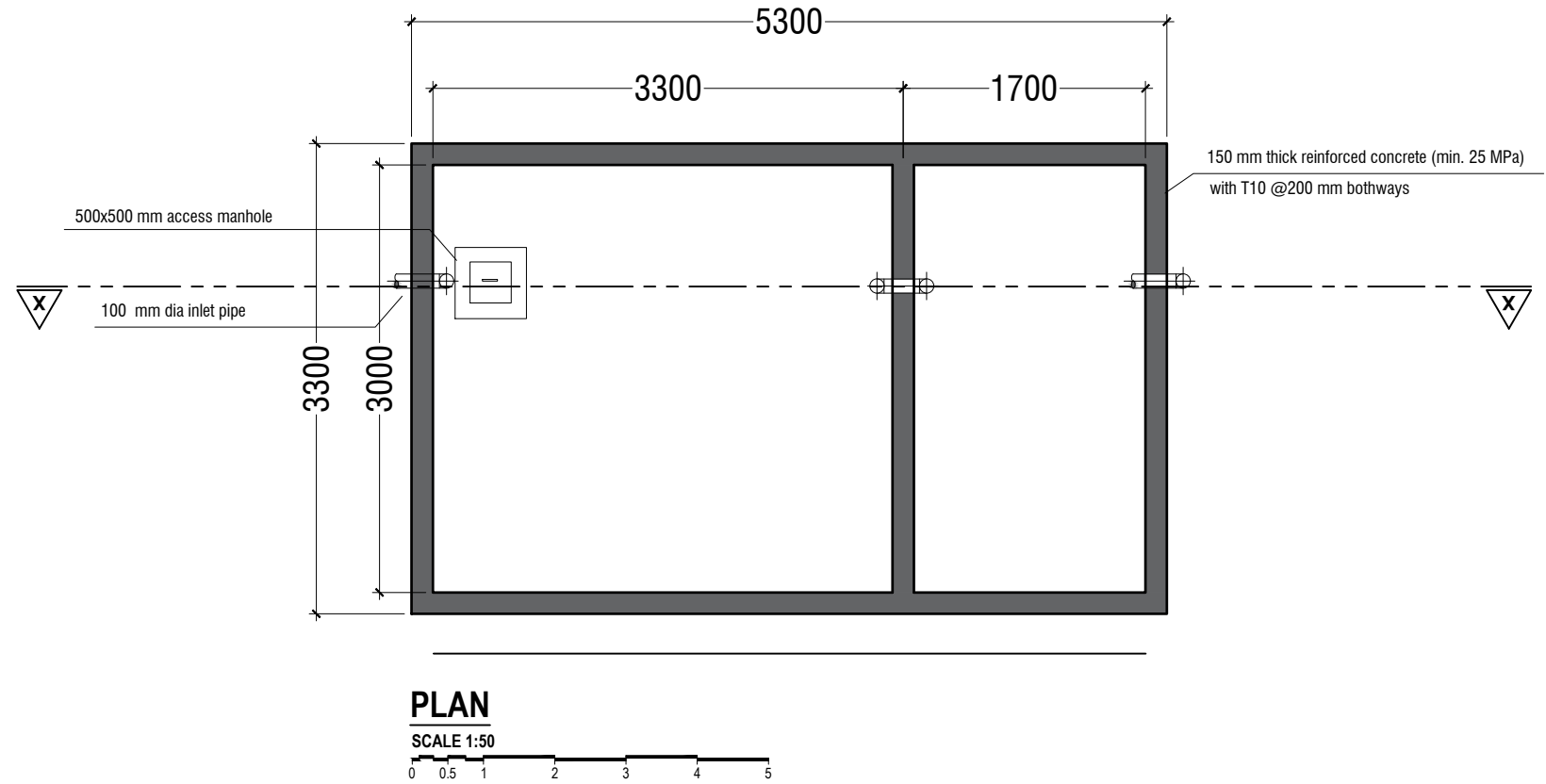


RIYAH PRIVATE LIMITED
t: +9663250491 f: +9663250776
e: info@riyah.com.sa
www.riyah.com.sa
3rd floor, H. Alsum, Amman, Jordan

Title: 2nd Floor FDP Layout

Page: FDP - 03/03

The contents of these drawings remain as a property of Riyah Private Limited. Any use other than those expressly stated is a violation of this copyright.



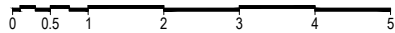
NOTE:

H1 < H2

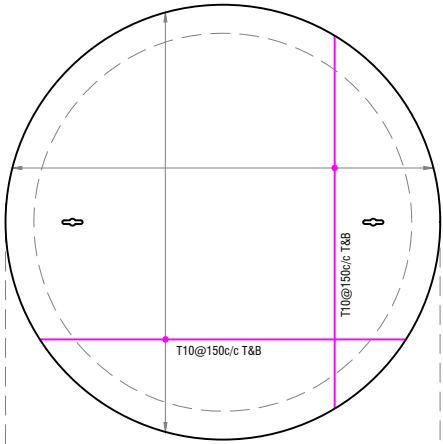
- TOP AND BOTTOM OF SEPTIC TANK SHOULD BE OF 200mm THICK
- BITUMINOUS WATERPROOFING TO BE APPLIED BELOW GROUND SURFACE
- REINFORCEMENT TO HAVE A COVER OF 50mm FROM EARTH

SEPTIC TANK DETAIL

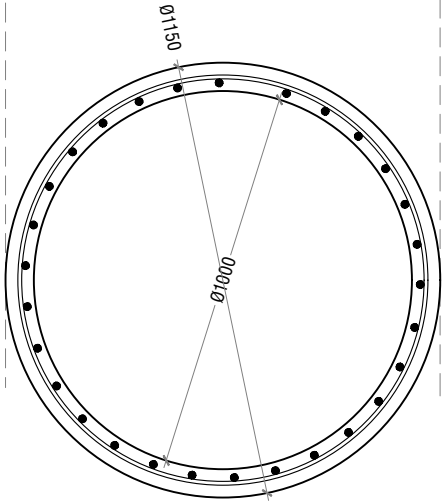
SCALE 1:50



WATER TANK WALL TOP & BOTTOM SLAB



WATER TANK WALL REINF.

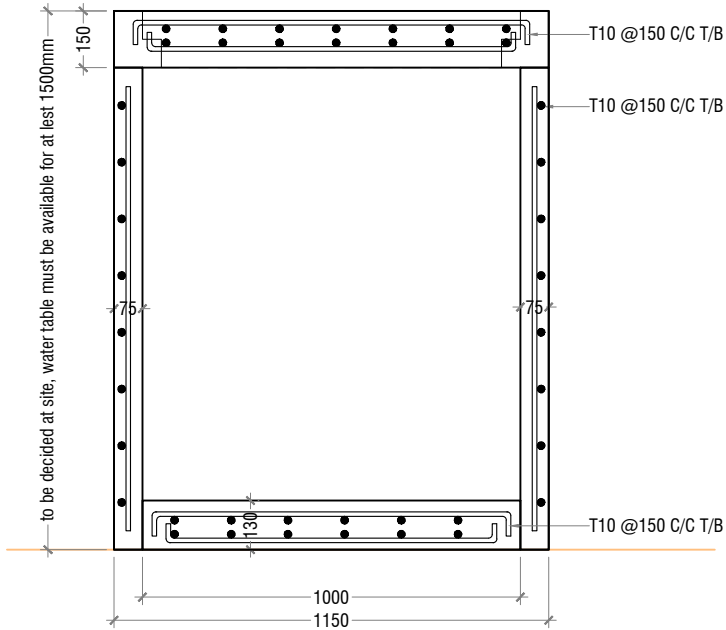


WATER TANK DETAILS

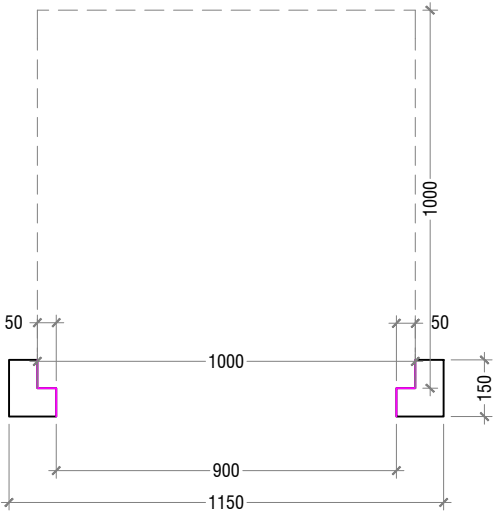
SCALE 1:20



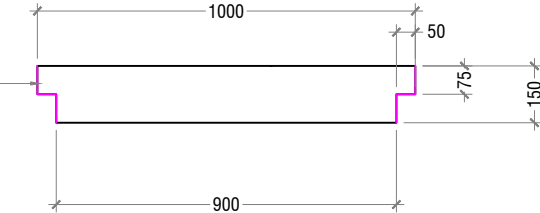
WATER TANK SECTION



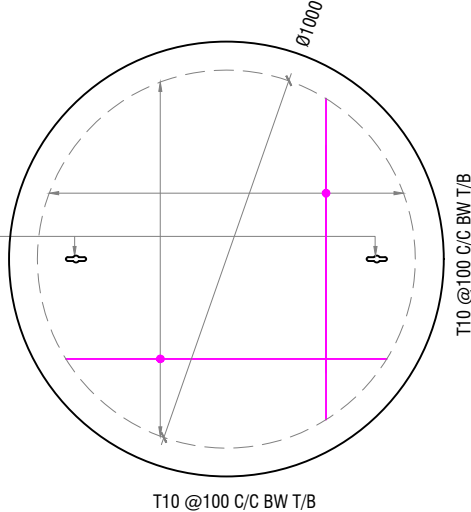
ELEVATION



SECTION



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 LID DETAILS

SCALE 1:20

