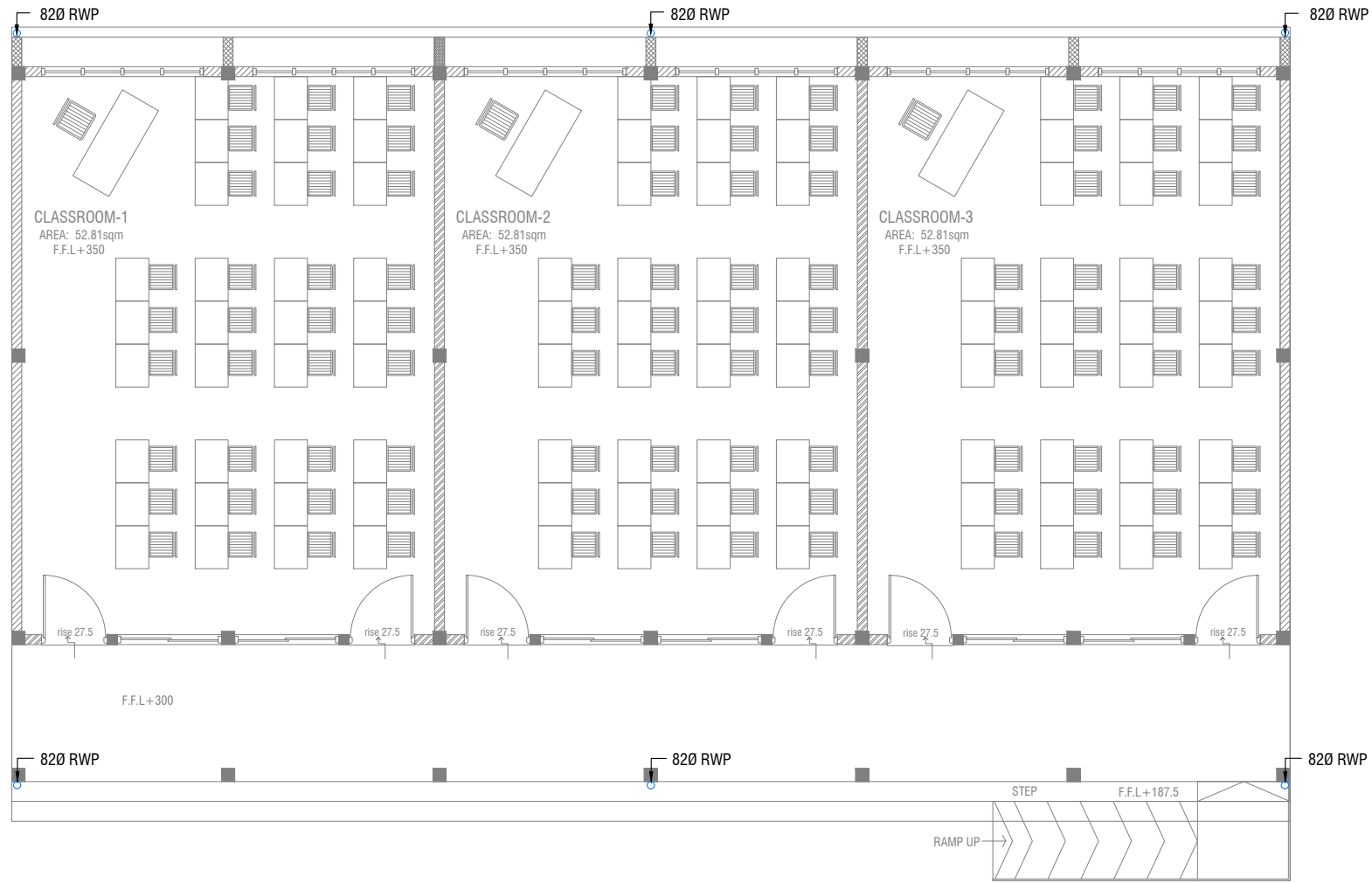


Proposed Single Storey Classroom Block at Kandoodhoo School



SERVICES DRAWING
Client: Ministry of Education

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LEGEND

- 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

GROUND FLOOR DRAINAGE LAYOUT

SCALE 1:100



Kandoodhoo School
 Client: Ministry of Education

Project Number:	Date	Rev no	Date
R/2017/012	March 2021	-	-
Architect : Razana Amir		-	-
Engineer : Inshan Waheed		-	-
Drawn by : Maryam Laveen Jaleel		-	-
Services : Alshah Ahmed		-	-
Interior : -		-	-

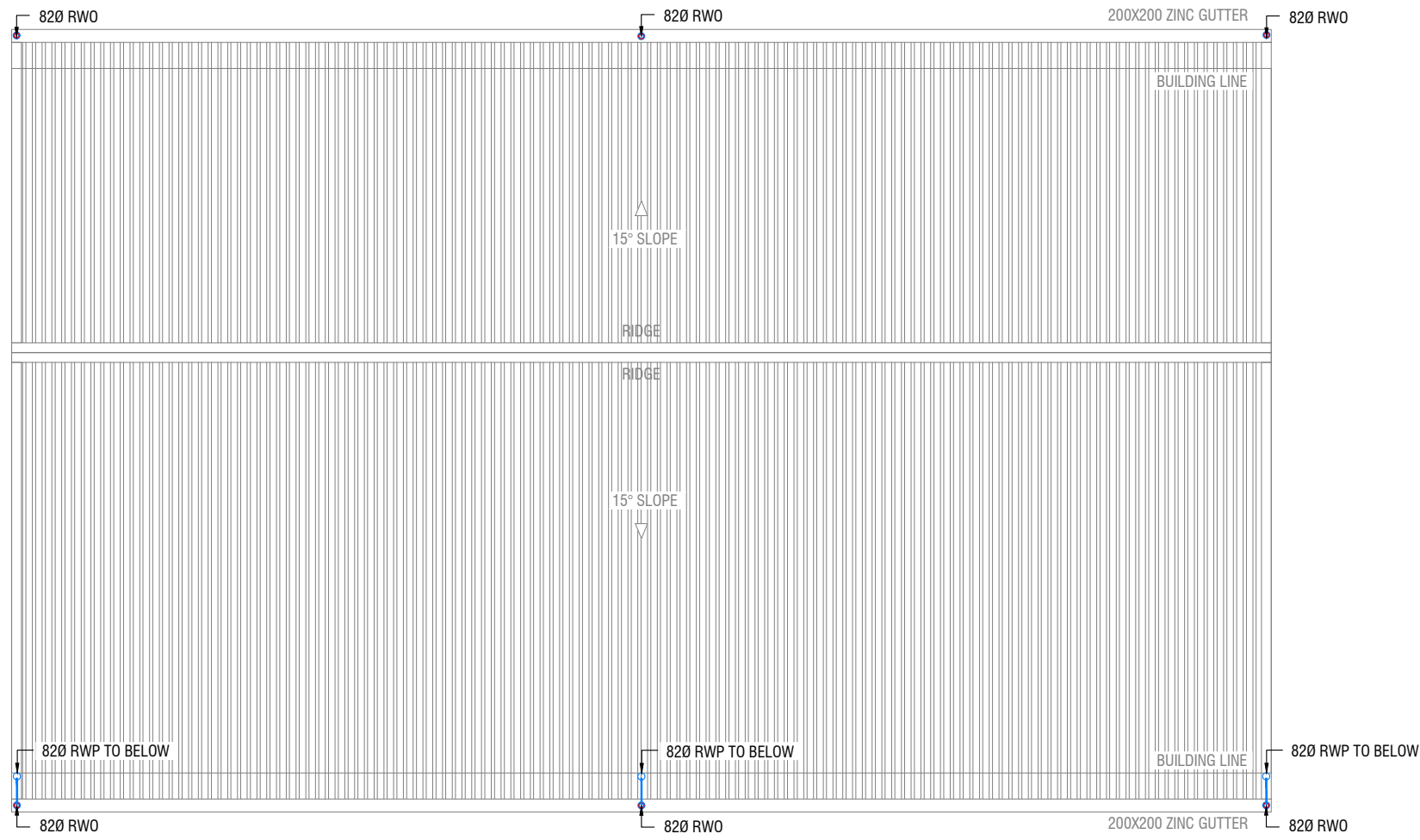


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Title: Ground Floor
 Drainage Layout

Page: DR-01/02



LEGEND

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

ROOF DRAINAGE LAYOUT

SCALE 1:100



Kandoodhoo School
Client: Ministry of Education

Rev no	Date
..	..
..	..
..	..

Project Number: RI/2017/012
Date: March 2021
Architect: Razana Amir
Engineer: Inshan Waheed
Drawn by: Maryam Leevan Jaleel
Services: Alshath Ahmed
Interior: ..

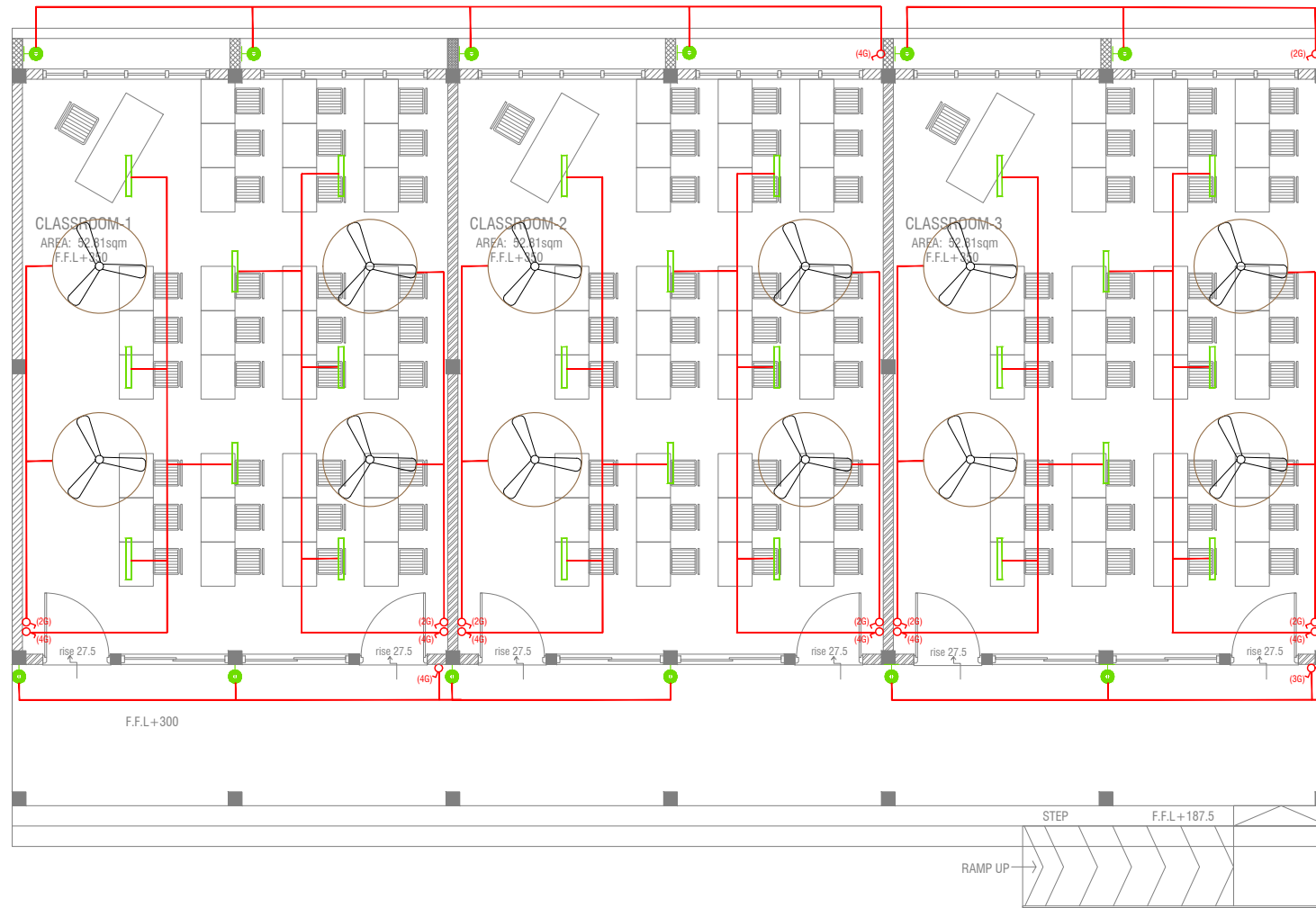


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Title: Roof Drainage
Layout

Page: DR-02/02



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
- EXHAUST

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

LIGHTING LAYOUT

SCALE 1:100



Kandoodhoo School
Client: Ministry of Education

Project Number: RI/2017/012	Date
Date: March 2021	
Architect: Razana Amir	
Engineer: Insan Waheed	
Drawn by: Maryam Leevan Jaleel	
Services: Alshahh Ahmed	
Interior: -	

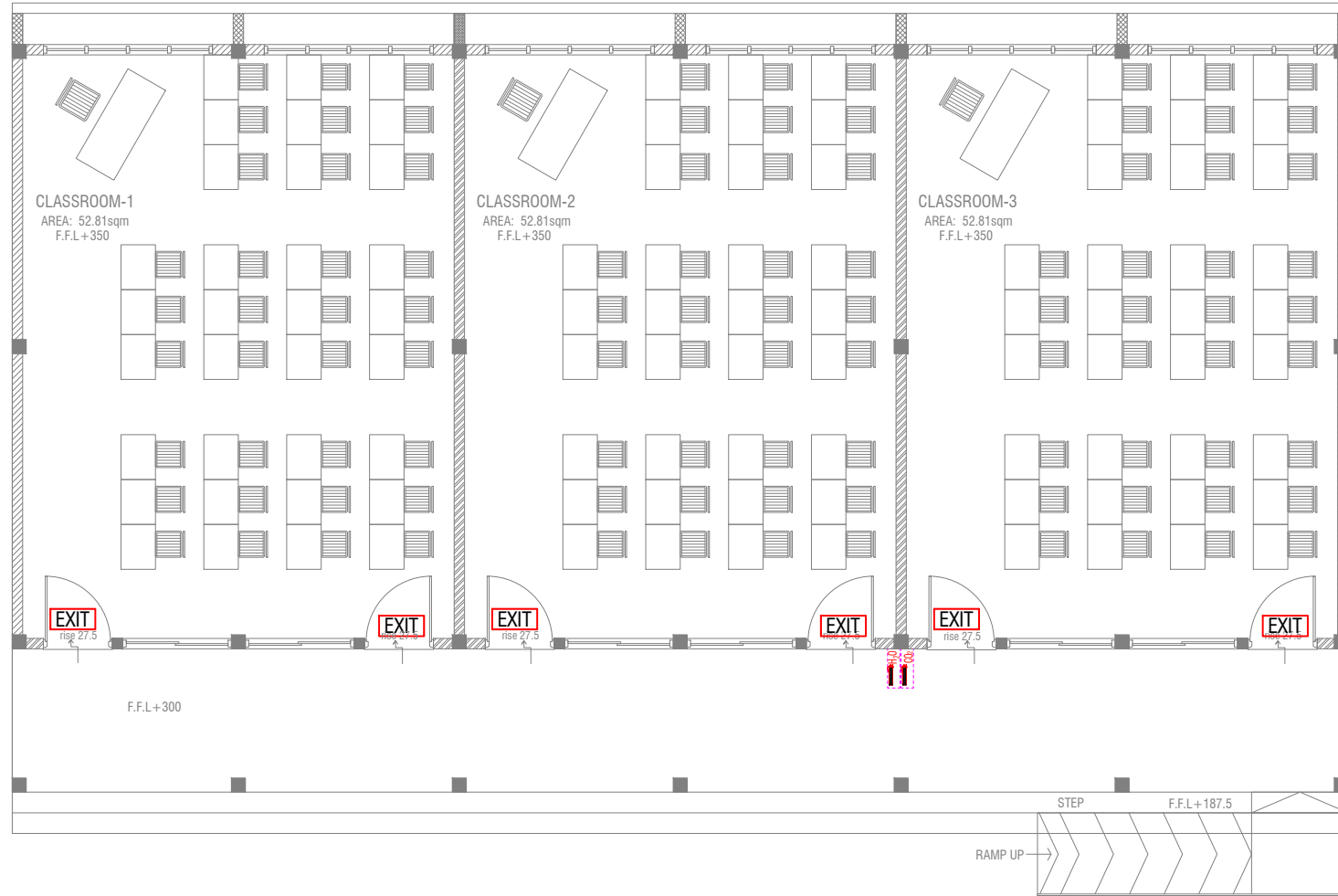


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Title: Lighting Layout

Page: EL-01/01



LEGEND

-  EXIT SIGN
-  CO₂ EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE(TYP.)
-  H₂O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE(TYP.)

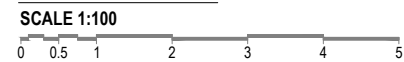
ALL FIRE CABLES AND CONDUITS SHOULD BE FIRE RETARDANT LOW SMOKE (FRLS) TYPE.

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/BACKET 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

FDP LAYOUT



Kandoodhoo School
 Client: Ministry of Education

Project Number: RI/2017/012	Date
Date: March 2021	
Architect: Razana Amir	
Engineer: Insan Waheed	
Drawn by: Maryam Leevan Jaleel	
Services: Alshah Ahmed	
Interior: -	

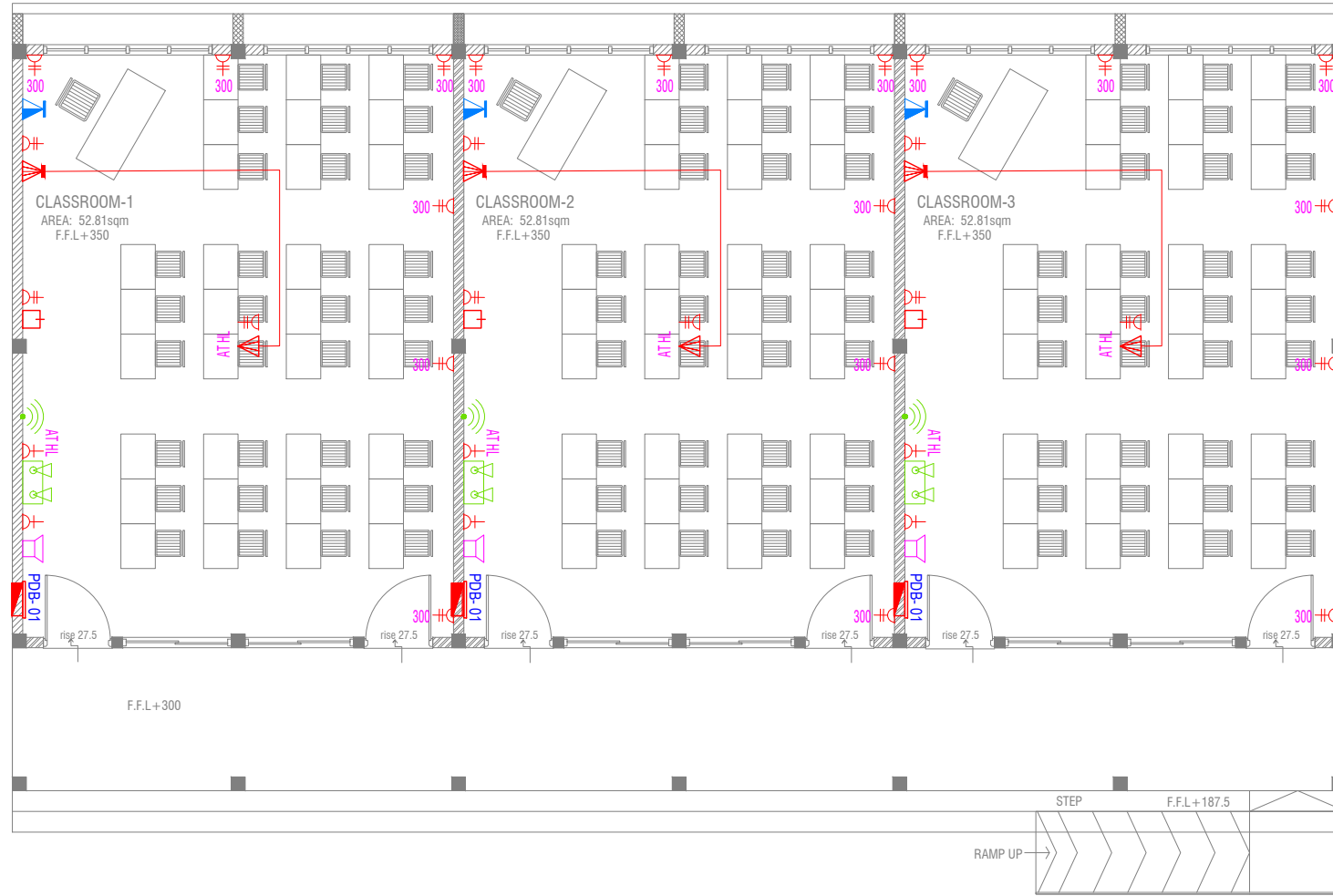


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Title: FDP Layout

Page: FDP-01/01



POWER LAYOUT

SCALE 1:100



NOTE:

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

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

- 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

Kandoodhoo School
Client: Ministry of Education

Project Number: RI/2017/012

Date: March 2021

Architect: Razana Amir

Engineer: Insan Waheed

Drawn by: Maryam Leevan Jaleel

Services: Alshath Ahmed

Interior: -

Rev no



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Title: Power Layout

Page: EP-01/01