

Proposed 06 Classroom Block at
S.Hulhudhoo School
(02 Storey)

SERVICES DRAWING
Client: Ministry of Education

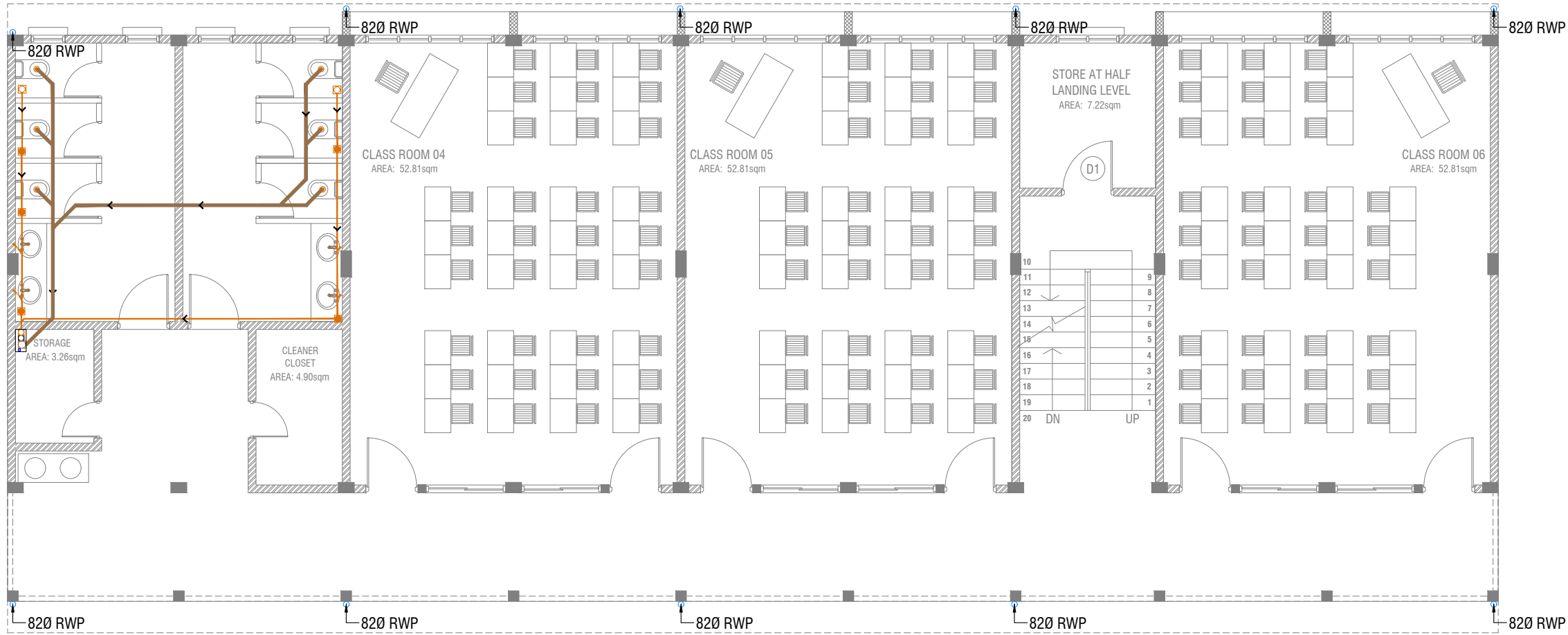


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3rd floor, H. Azum, Ameeremaagu, Male'

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FIRST FLOOR DRAINAGE LAYOUT

SCALE 1:100



LEGEND

- FG FLOOR GULLY
- FD FLOOR DRAIN
- WM 40 Ø STUB FOR WASHING MACHINE
- SP 110 Ø SOIL PIPE
- SVP 110 Ø SOIL VENT PIPE
- WP 82 Ø WASTE PIPE
- WVP 82 Ø WASTE VENT PIPE
- WP 40 Ø WASTE PIPE
- RWP 110 Ø RAINWATER PIPE
- CD 25 Ø DRAIN PIPE
- MHVP 50 Ø MANHOLE VENT PIPE

S.Hulhudhoo School – 06 Classroom (02 Storey)
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
Date: June 2019	1	
Architect : Razana Amir	2	
Engineer : Ahmed Zuhair Zaeem	3	
Drawn by : Razana Amir	4	
Services : Aishath Ahmed	5	
Interior : -	6	

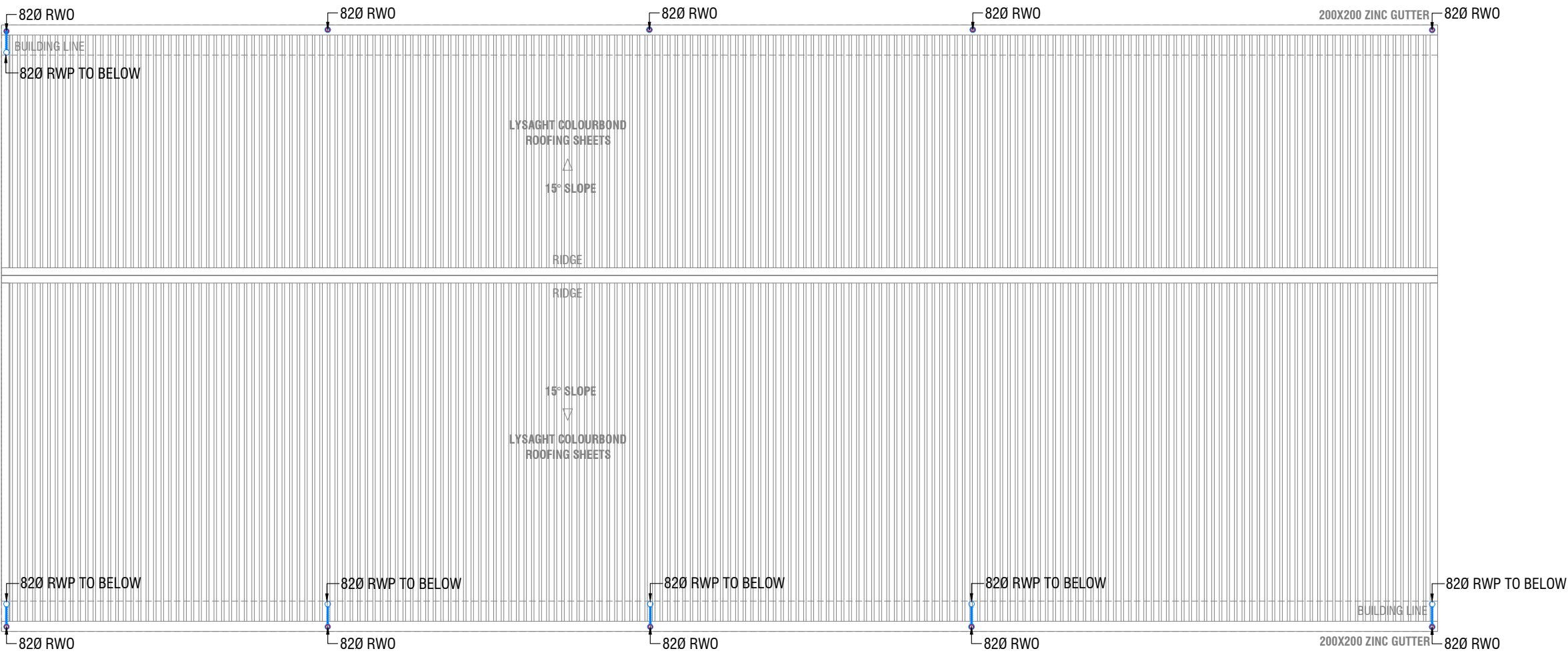


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Title: First Floor
Drainage Layout

Page: DR 02- 03



ROOF DRAINAGE LAYOUT



- LEGEND
- FG FLOOR GULLY
 - FD FLOOR DRAIN
 - WM 40 Ø STUB FOR WASHING MACHINE
 - SP 110 Ø SOIL PIPE
 - SVP 110 Ø SOIL VENT PIPE
 - WP 82 Ø WASTE PIPE
 - WVP 82 Ø WASTE VENT PIPE
 - WP 40 Ø WASTE PIPE
 - RWP 110 Ø RAINWATER PIPE
 - CD 25 Ø DRAIN PIPE
 - MHVP 50 Ø MANHOLE VENT PIPE

S.Hulhudhoo School – 06 Classroom (02 Storey)

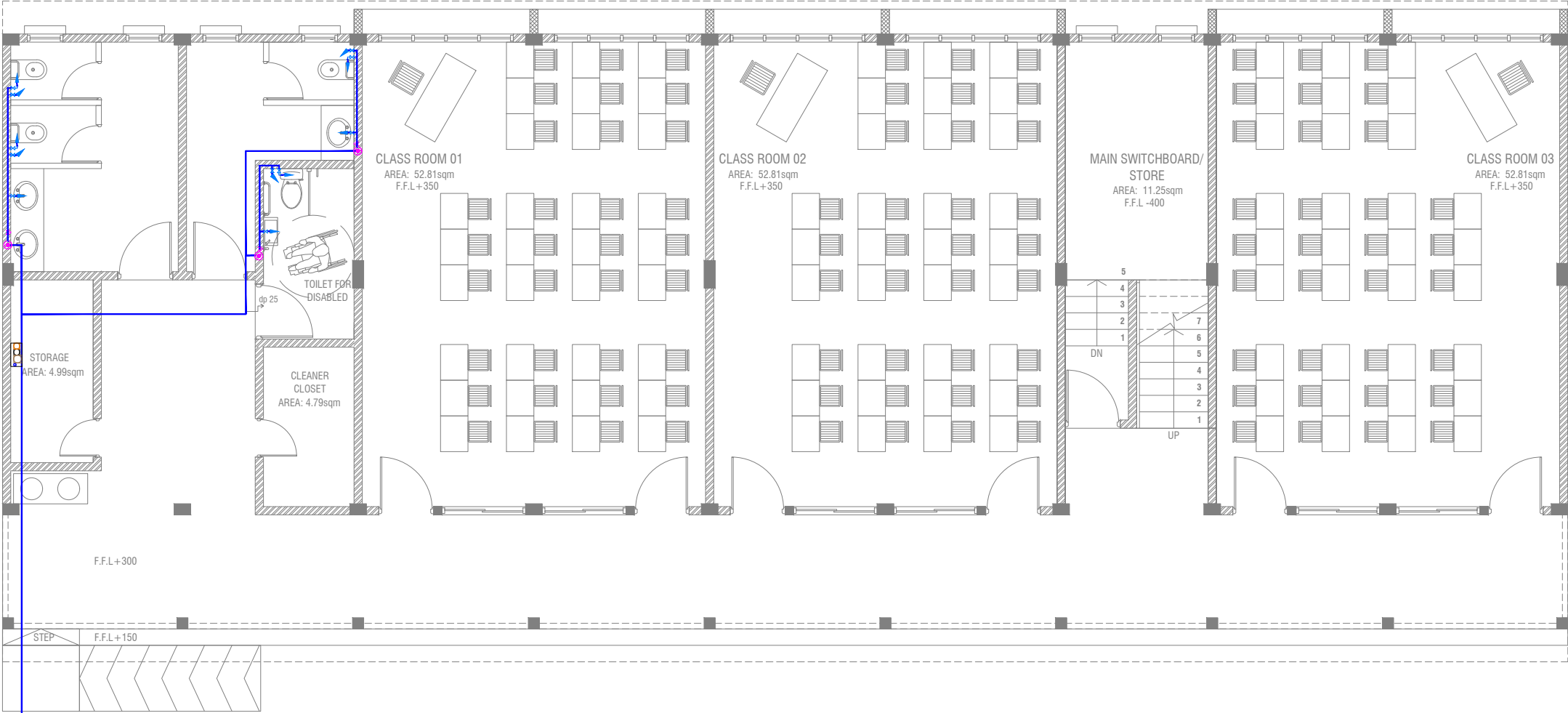
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
Date: June 2019	1	
Architect: Razana Amir	2	
Engineer: Ahmed Zuhair Zaeem	3	
Drawn by: Razana Amir	4	
Services: Aishath Ahmed	5	
Interior: -	6	



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CONNECTED TO EXISTING MAIN WATER PIPE

GROUND FLOOR PLUMBING LAYOUT

SCALE 1:100



LEGEND

- 16 Ø COLD WATER SUPPLY TO CISTERN
- 16 Ø COLD WATER SUPPLY TO BIDET SHOWER
- 16 Ø COLD WATER SUPPLY TO BASIN FAUCET / SINK
- GV GATE VALVE
- 25 Ø COLD WATER SUPPLY PIPES RUN UNDERGROUND
- 25 Ø COLD WATER SUPPLY PIPES RUN IN WALL / UNDER FALSE CEILING
- RISE IN WALL
- DROP IN WALL
- CWS COLD WATER SUPPLY
- HWS HOT WATER SUPPLY

S.Hulhudhoo School - 06 Classroom (02 Storey)

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Date: June 2019

Architect: Razana Amir

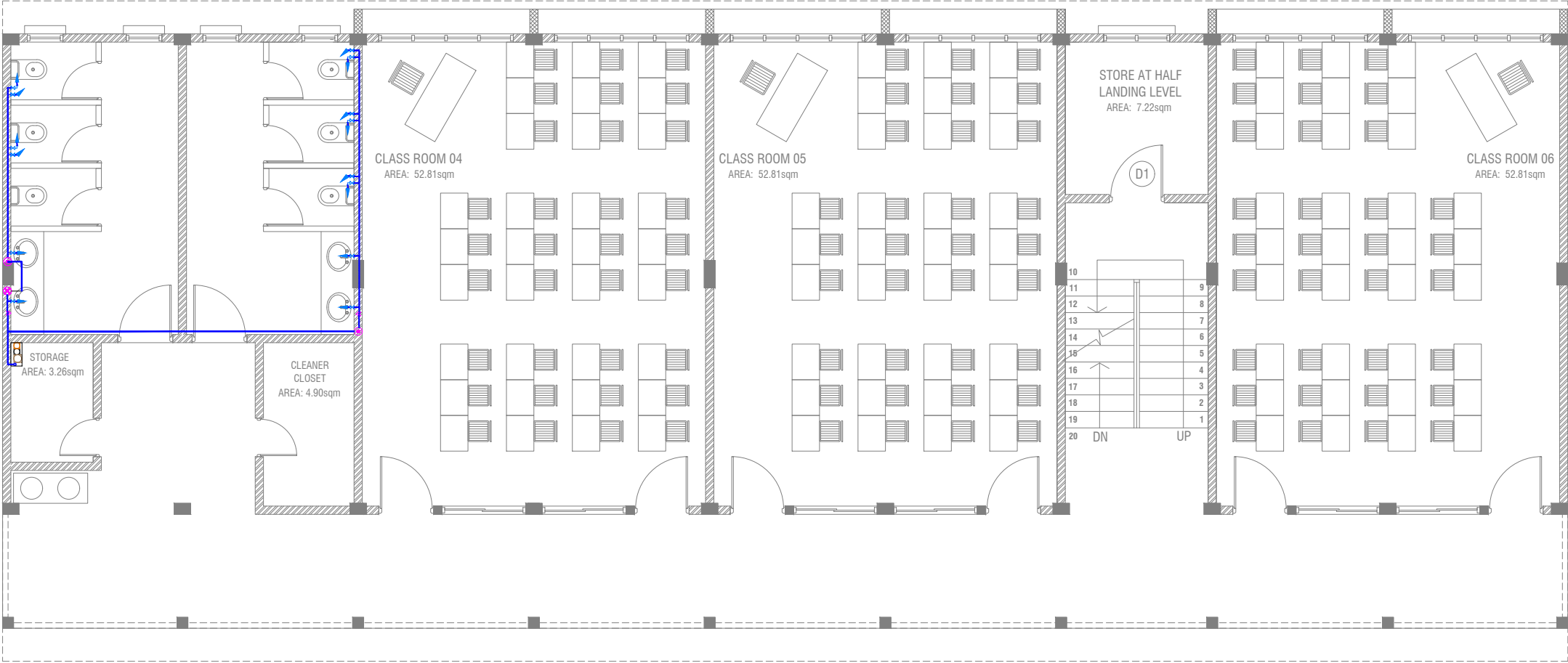
Engineer: Ahmed Zuhair Zaeem

Drawn by: Razana Amir

Services: Alshah Ahmed

Interior: -

Rev no	Date
1	
2	
3	
4	



FIRST FLOOR PLUMBING LAYOUT

SCALE 1:100



LEGEND

- 16 Ø COLD WATER SUPPLY TO CISTERN
- 16 Ø COLD WATER SUPPLY TO BIDET SHOWER
- 16 Ø COLD WATER SUPPLY TO BASIN FAUCET / SINK
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Rev no	Date					
1						
2						
3						
4						

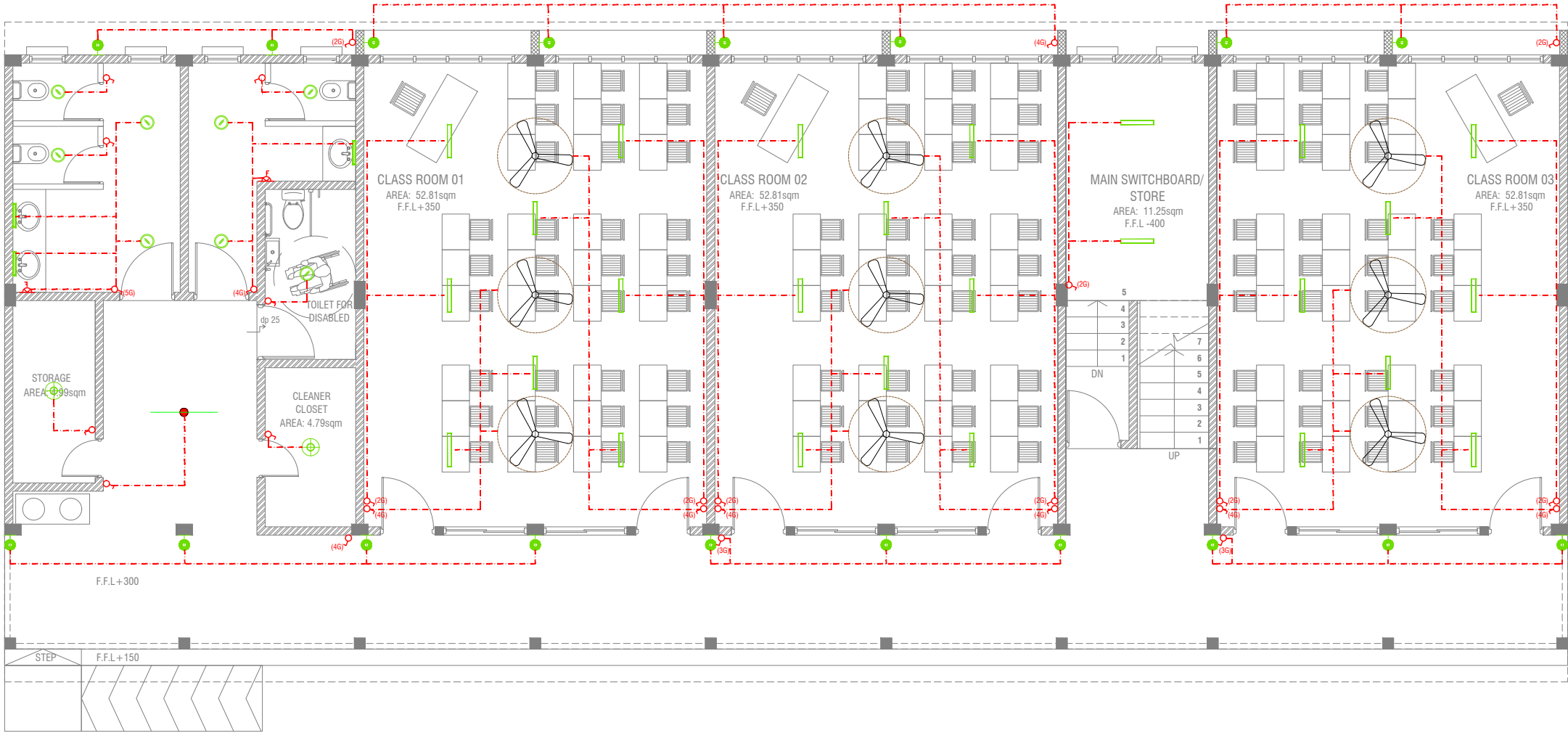


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GROUND FLOOR LIGHTING LAYOUT

SCALE 1:100



LEGEND

- WPD OUT DOOR WALL LIGHT
- ML MIRROR LIGHT (7W LED LIGHT)
- H2 RECESSED DOWN LIGHT 12W
- CL CEILING LIGHT 18W CFL
- WP 2 X 4' TUBE LIGHT WITH WEATHER PROOF OPAL CASING
- C2 CEILING DOWN LIGHT (18W)
- LIGHT SWITCH
- SWITCHING LINE

2 X 4' FLUORESCENT 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

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Drawn by : Razana Amir

Services : Alshah Ahmed

Interior : -

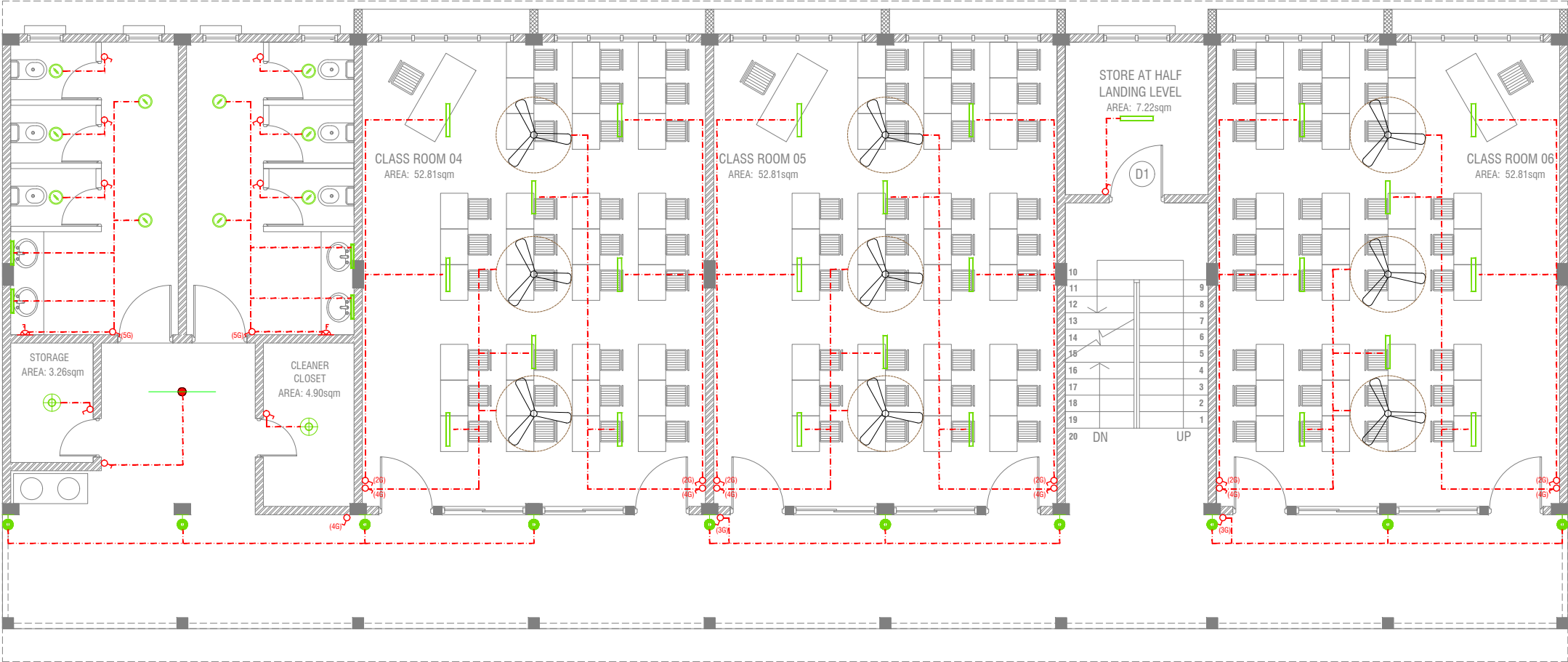
Rev no

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Title: Ground Floor
Lighting Layout
Page: EL 01-02












FIRST FLOOR LIGHTING LAYOUT

SCALE 1:100



LEGEND

- WPD  OUT DOOR WALL LIGHT
- ML  MIRROR LIGHT (7W LED LIGHT)
- H2  RECESSED DOWN LIGHT 12W
- CL  CEILING LIGHT 18W CFL
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- C2  CEILING DOWN LIGHT (18W)
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-  SWITCHING LINE

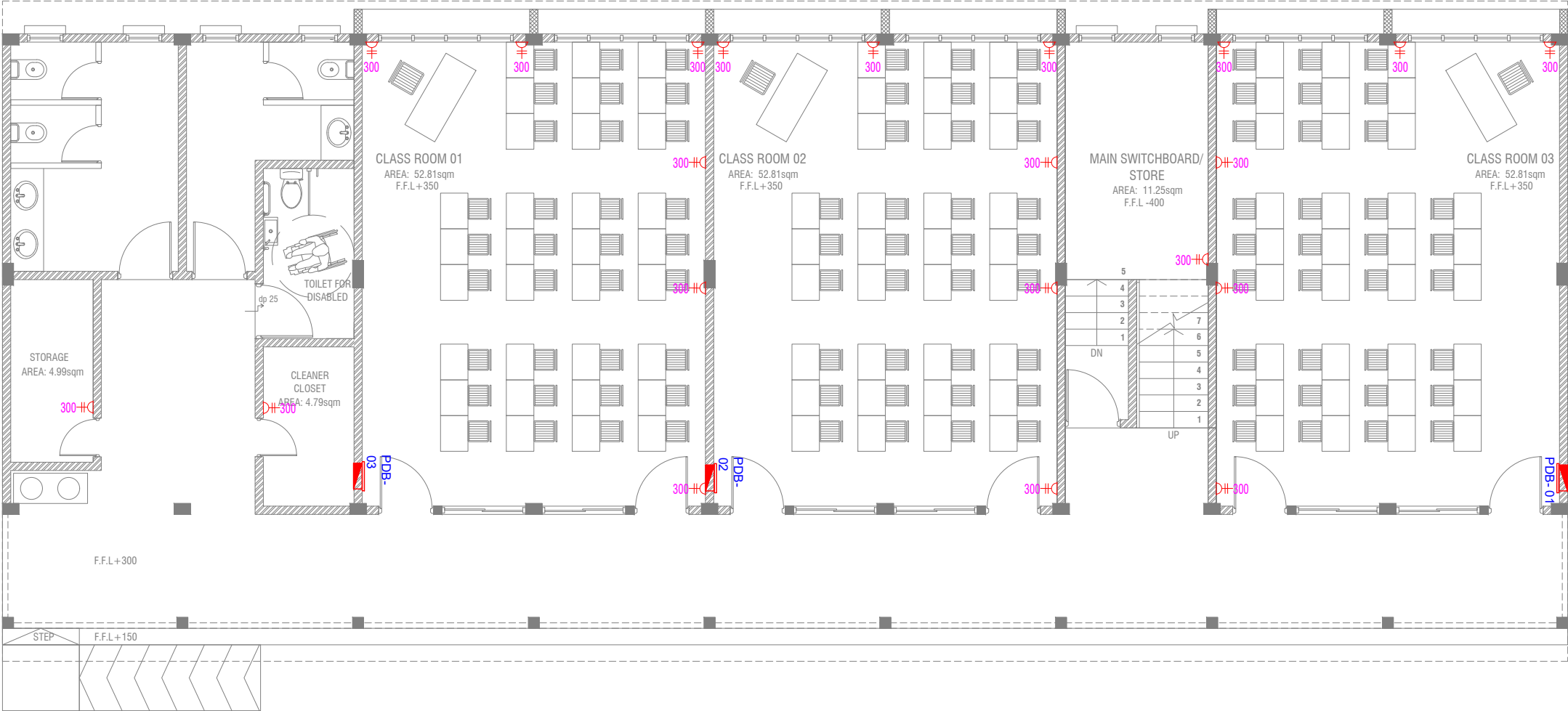
CL2  2 X 4' FLUORESENT LIGHT WITH OPAL CASING



NOTE:
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1						
2						
3						
4						
5						



GROUND FLOOR POWER LAYOUT

SCALE 1:100



LEGEND

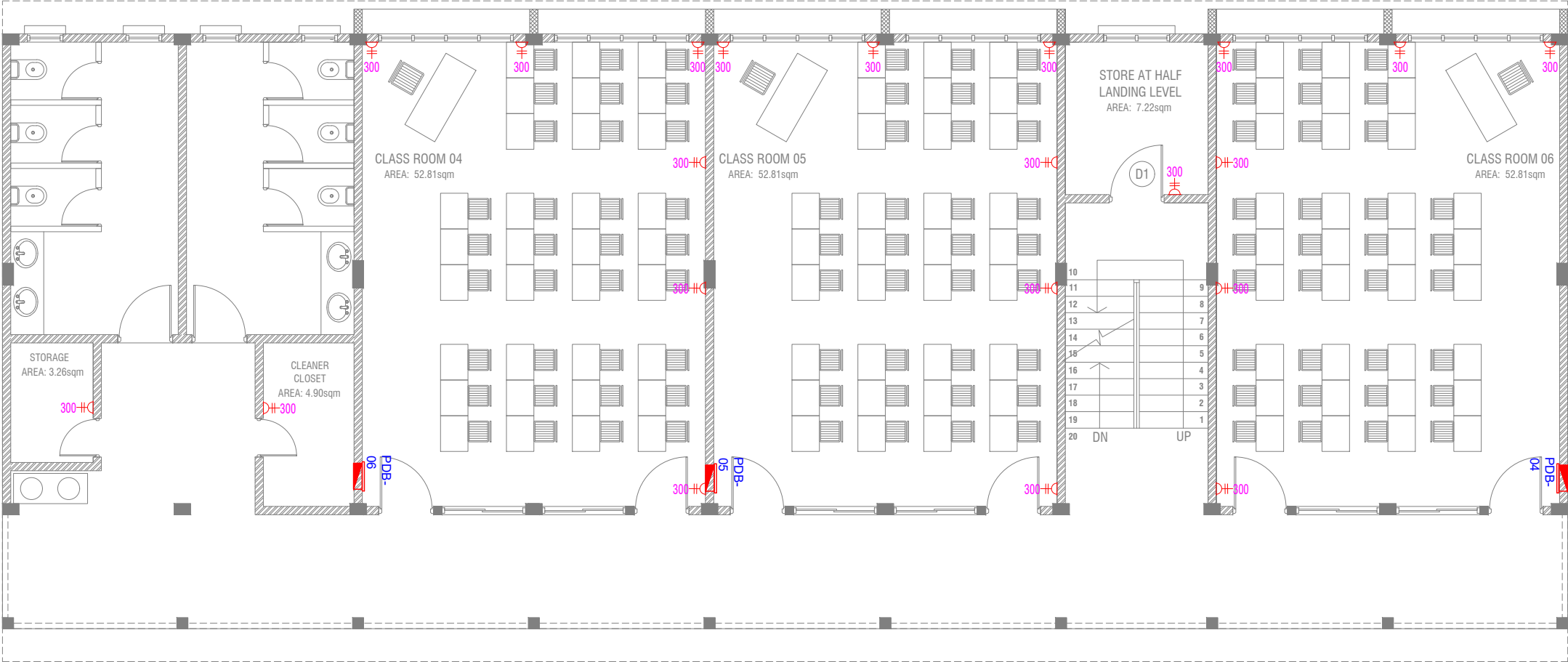
- PHONE EXTENSION
- COMPUTER NETWORK OUTLET (RJ 45 CONNECTORS)
- TELEPHONE OUTLET (RJ11, CONNECTOR)
- 13A POWER OUTLET
- 13A TWIN SOCKET OUTLET
- TPN ISOLATOR
- VGA CABLE FOR PROJECTOR
- DISTRIBUTION BOX
- 15A.SWITCHED/ SPUR UNIT @ H.L.
- TWO GANG TV/SAT SOCKET OUTLET

HL. HIGH LEVEL
WPE WEATHER PROOF POLYCARBONATE ENCLOSURE
ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

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Drawn by: Razana Amir
Services: Aishath Ahmed
Interior: -



FIRST FLOOR POWER LAYOUT

SCALE 1:100



LEGEND

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ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

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