

Proposed 06 Classroom Block at
K.Huraa School
(02 Storey)

SERVICES DRAWING
Client: Ministry of Education

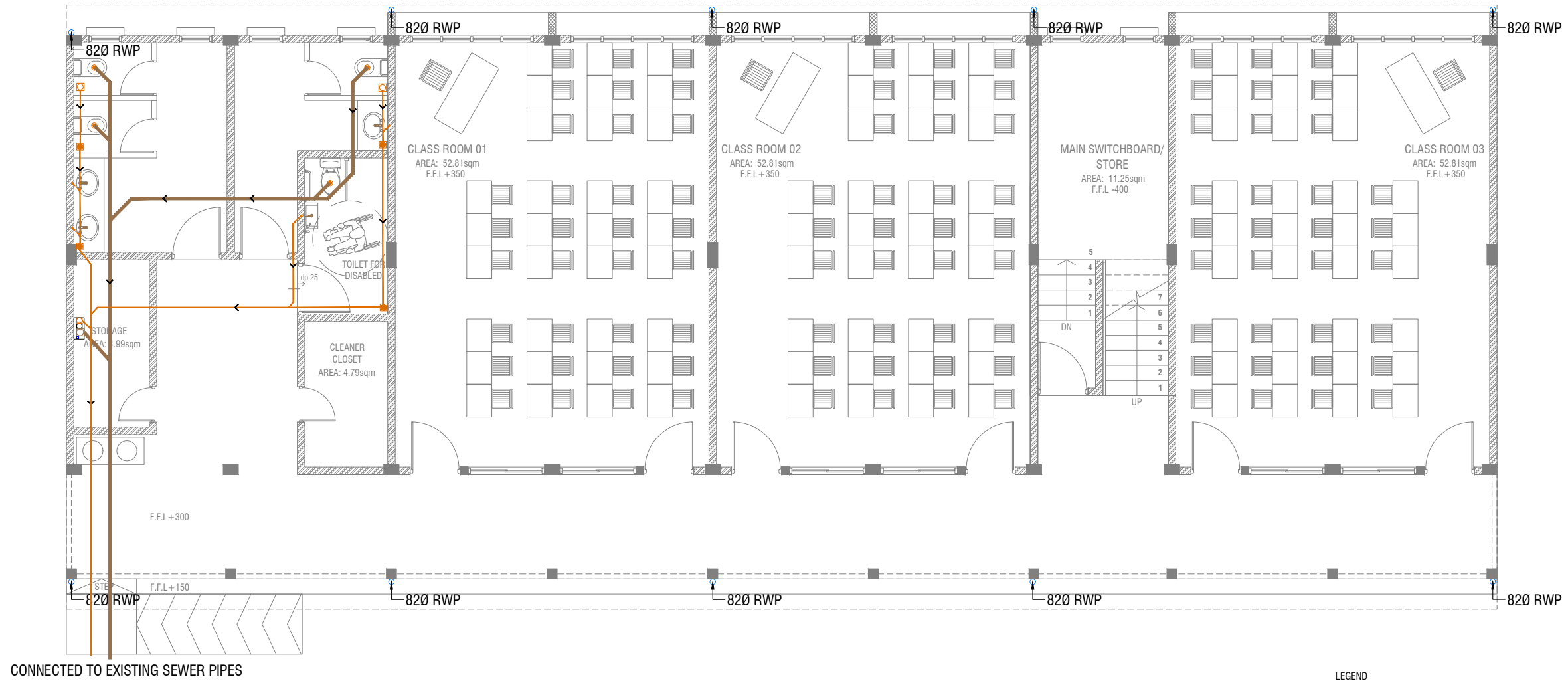


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3rd floor, H. Azum, Ameeremaguu, Male'

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GROUND 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

K. Huraa School - 06 Classroom (02 Storey)
 Client: Ministry of Education

Rev no	Date
1	
2	
3	
4	
5	

Project Number: RI/2017/012
 Date: June 2019
 Architect: Razana Amir
 Engineer: Ahmed Zuhair Zaeem
 Drawn by: Razana Amir
 Services: Alshath Ahmed
 Interior: -

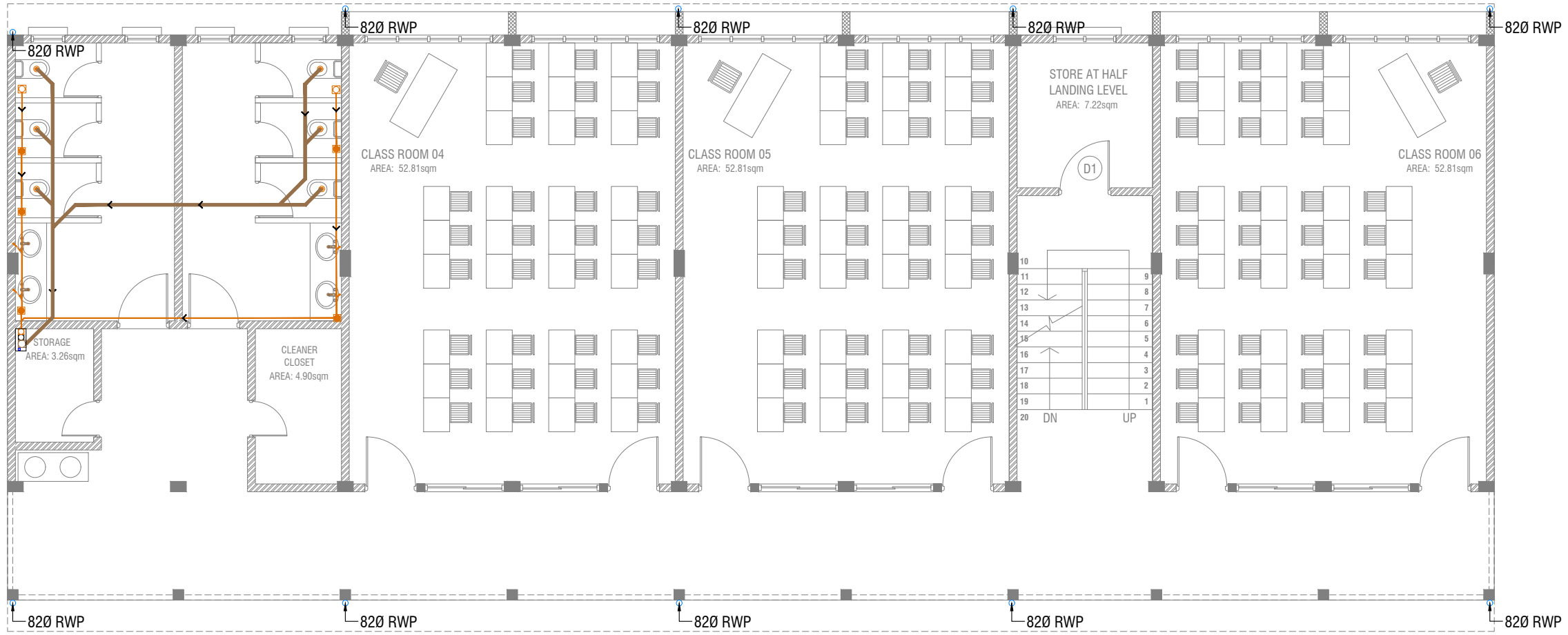


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Title: Ground Floor
 Drainage Layout

Page: DR 01-03



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
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K.Huraa School - 06 Classroom (02 Storey)
Client: Ministry of Education

Rev no	Date
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4	

Project Number: RI/2017/012
Date: June 2019
Architect: Razana Amir
Engineer: Ahmed Zuhair Zaeem
Drawn by: Razana Amir
Services: Alshath Ahmed
Interior: -

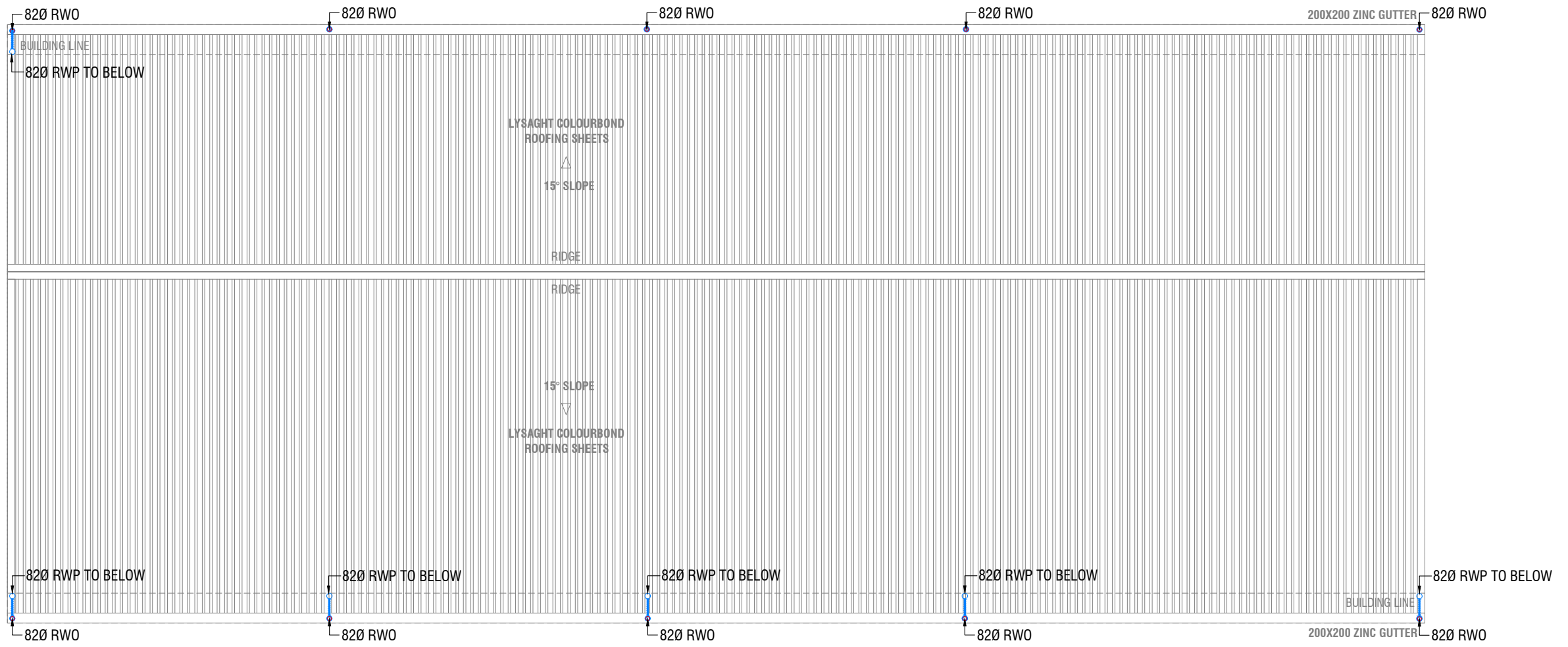


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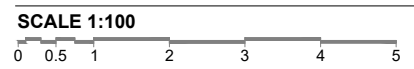
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3rd floor, H. Azum, Ameneemaguu, Male'

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

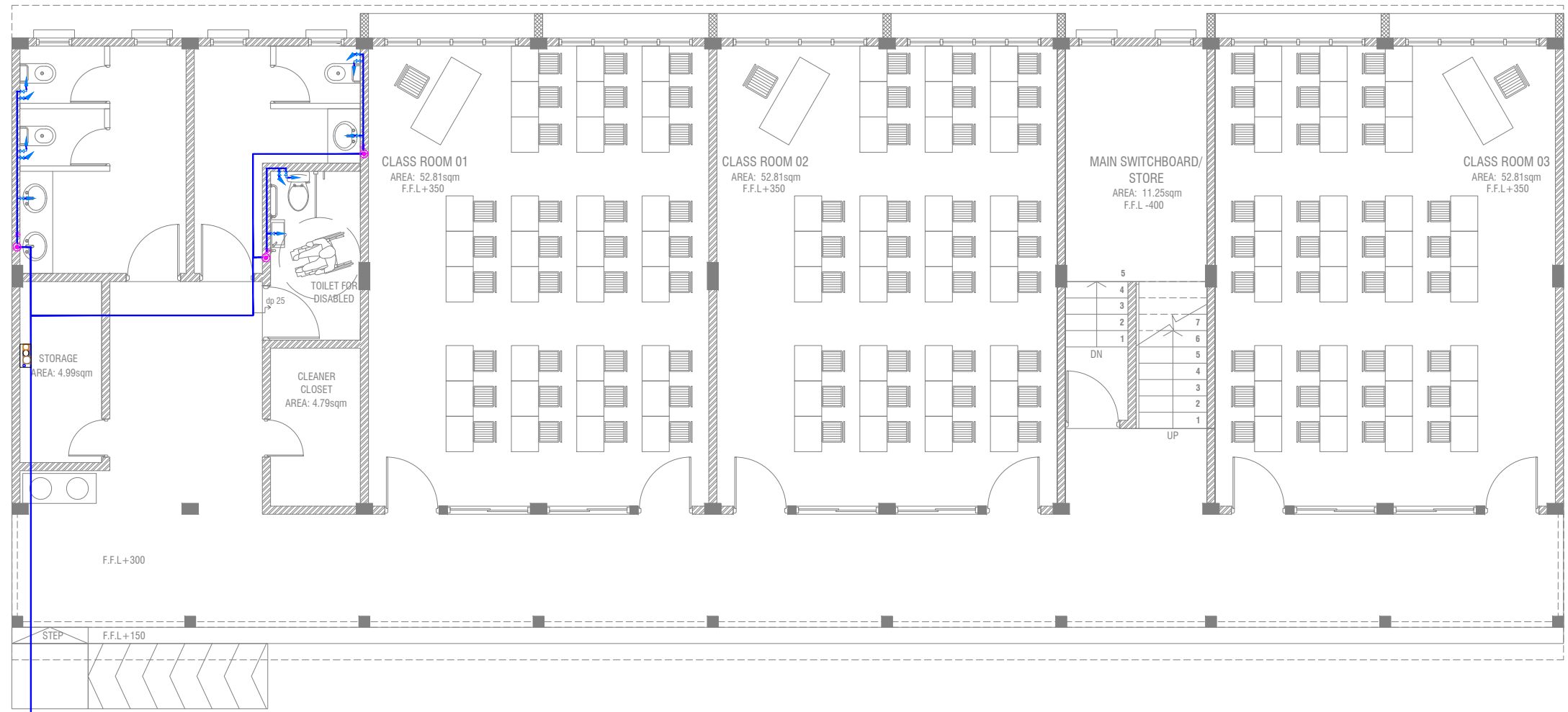
K.Hurraa School - 06 Classroom (02 Storey)
 Client: Ministry of Education

Rev no	Date
1
2
3
4

Project Number: RI/2017/012
 Date: June 2019
 Architect: Razana Amir
 Engineer: Ahmed Zuhair Zaeem
 Drawn by: Razana Amir
 Services: Alshath Ahmed
 Interior: -



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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

K.Hurraa School - 06 Classroom (02 Storey)
Client: Ministry of Education

Project Number: RI/2017/012
Date: June 2019
Architect: Razana Amir
Engineer: Ahmed Zuhair Zaeem
Drawn by: Razana Amir
Services: Alshath Ahmed
Interior: -

Rev no	Date
1	
2	
3	
4	

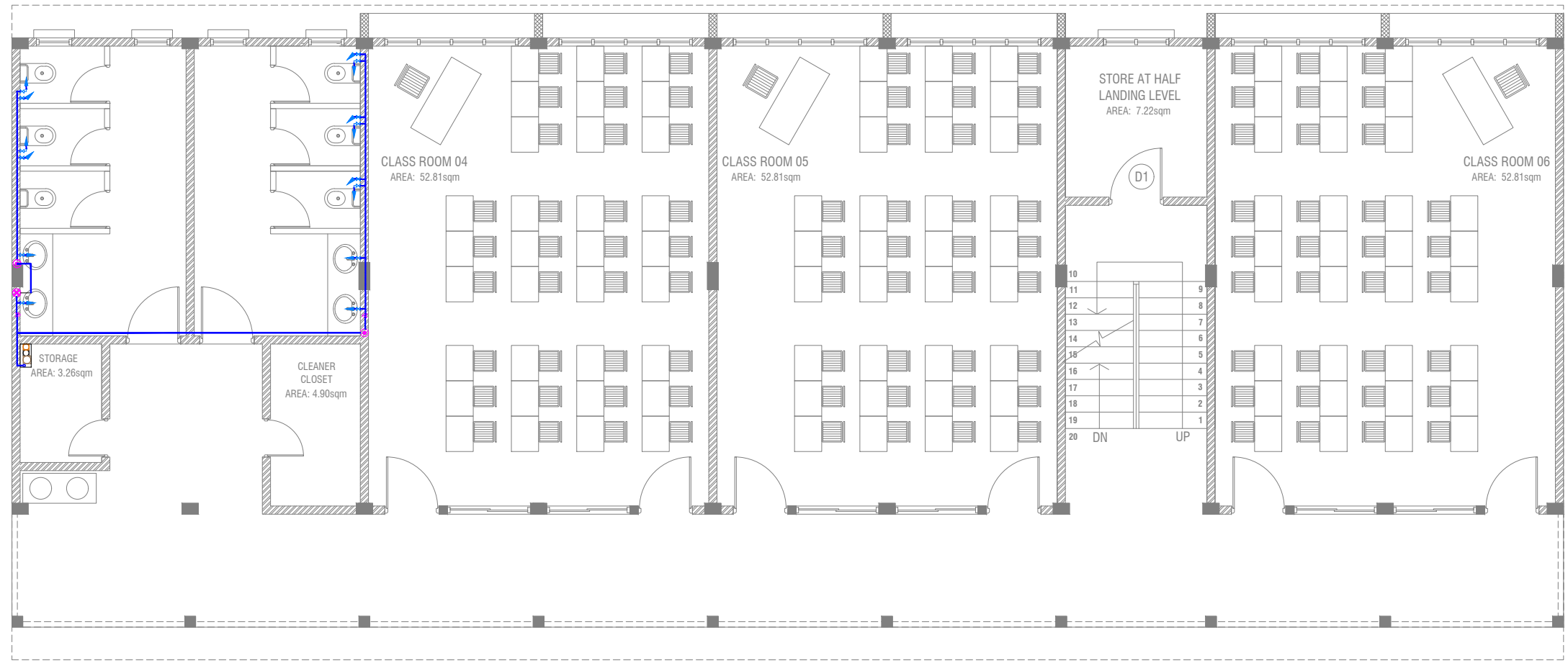


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3rd floor, H. Azum, Armeeneemagu, Male'

Title: Ground Floor
Plumbing Layout

Page: PL 01-/02



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
- 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
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- CWS** COLD WATER SUPPLY
- HWS** HOT WATER SUPPLY

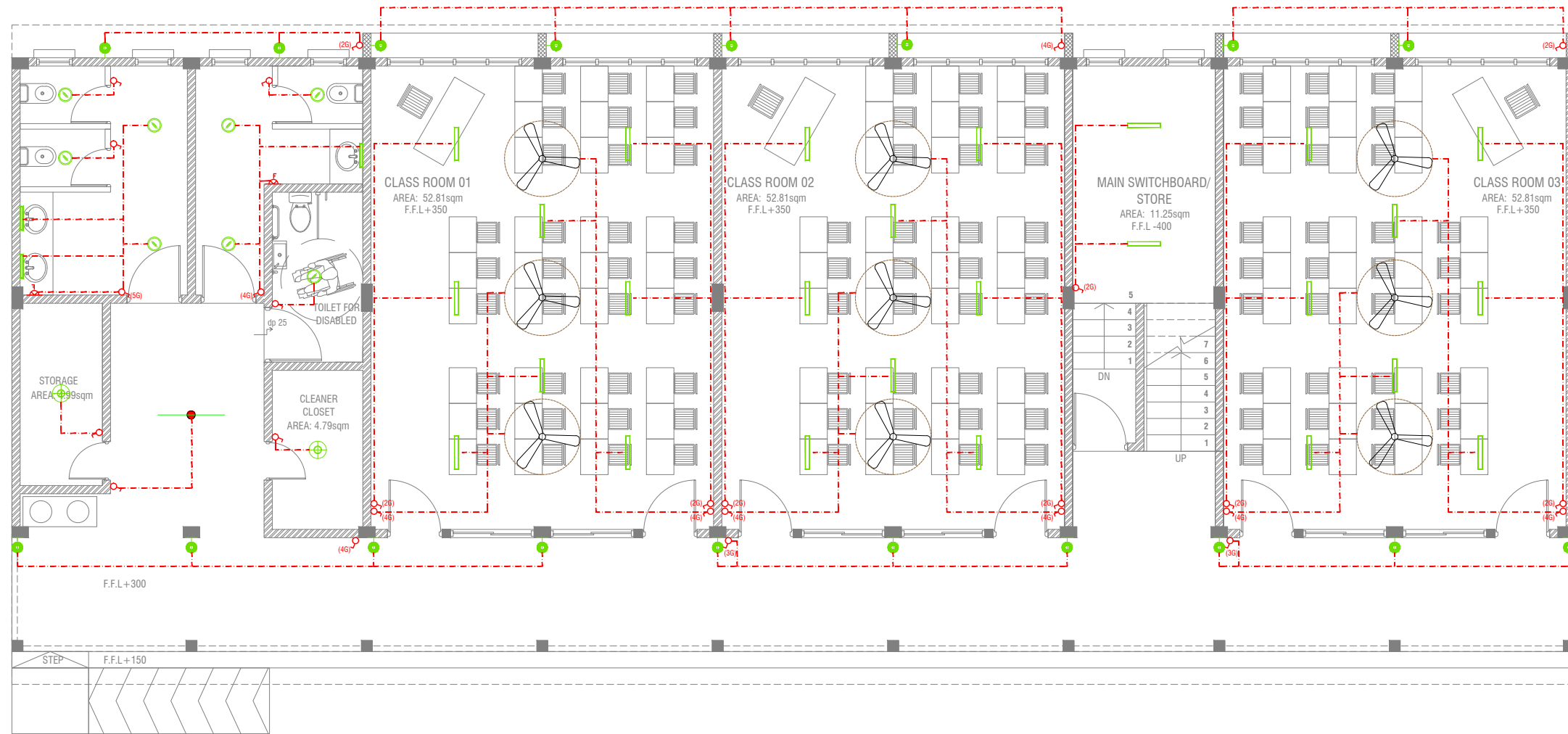
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 Client: Ministry of Education

Rev no	Date

Project Number: RI/2017/012
 Date: June 2019
 Architect: Razana Amir
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 Drawn by: Razana Amir
 Services: Alshah Alshah
 Interior: -



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



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



NOTE:
 - ALL WIRING TO BE OF STELCO APPROVED STANDARDS
 - SWITCH CONTROL = 1200MM FROM FLOOR FIN. LEVEL
 - ALL LIGHTING POINTS CONNECTED TO THEIR RESPECTIVE DB

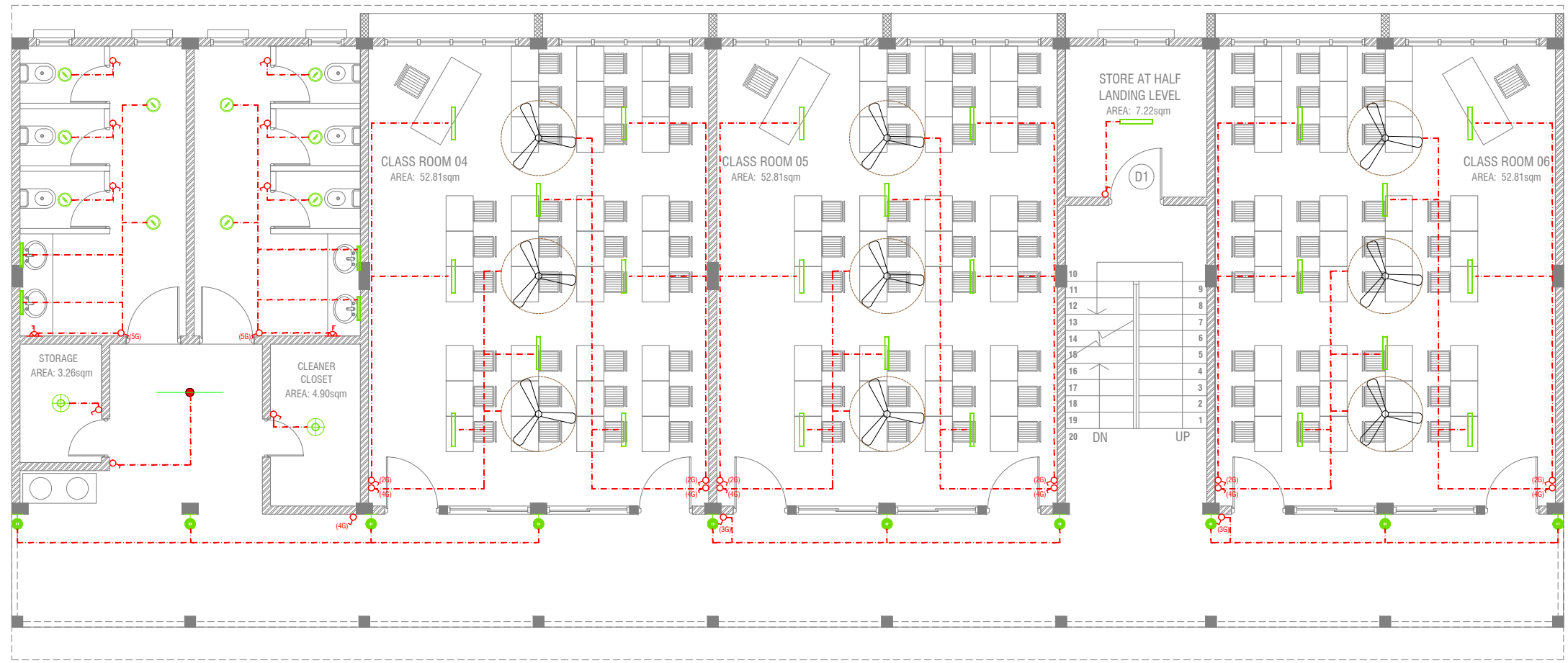
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 Services: Alshath Ahmed Interior



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FIRST FLOOR LIGHTING LAYOUT

SCALE 1:100



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CL2 2 X 4' FLUORESENT LIGHT WITH OPAL CASING

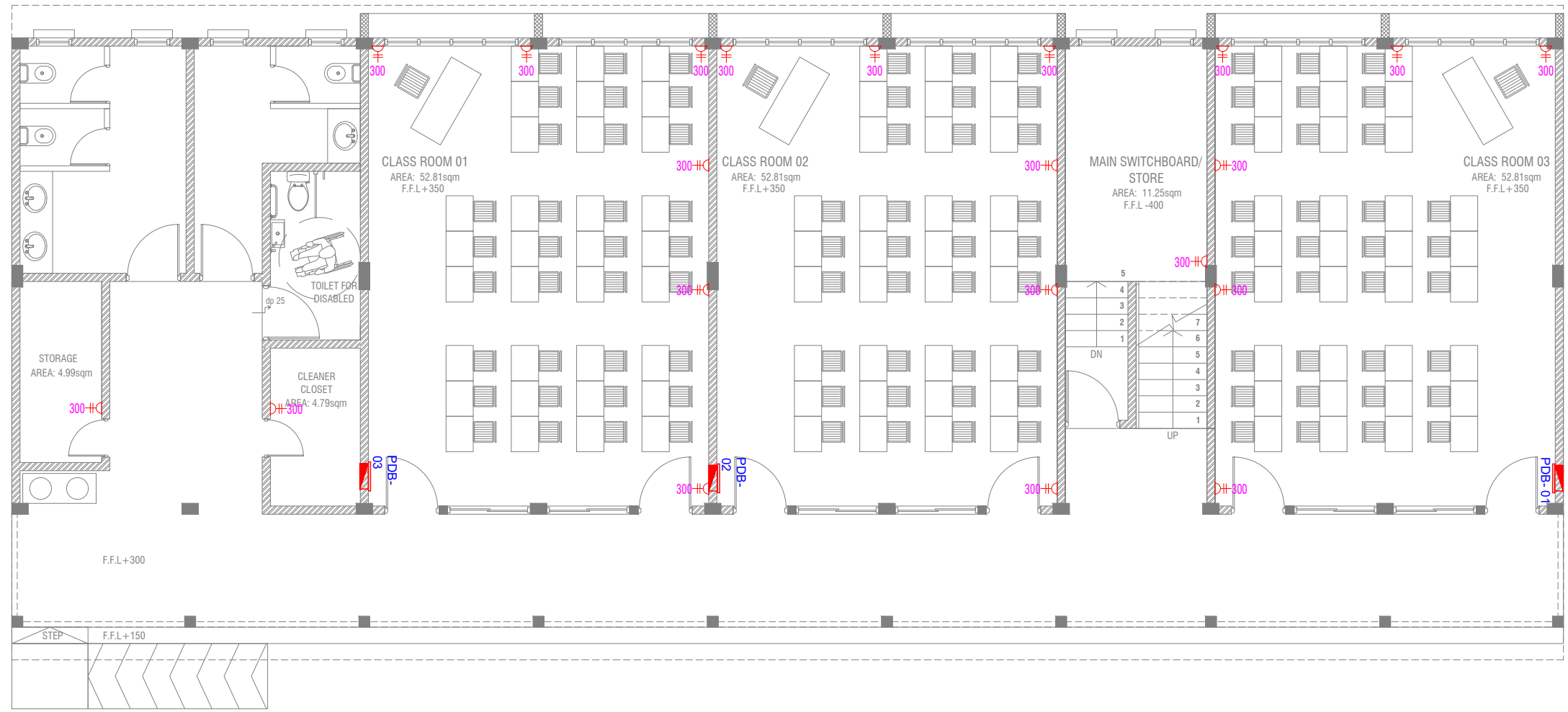


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GROUND FLOOR POWER LAYOUT

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

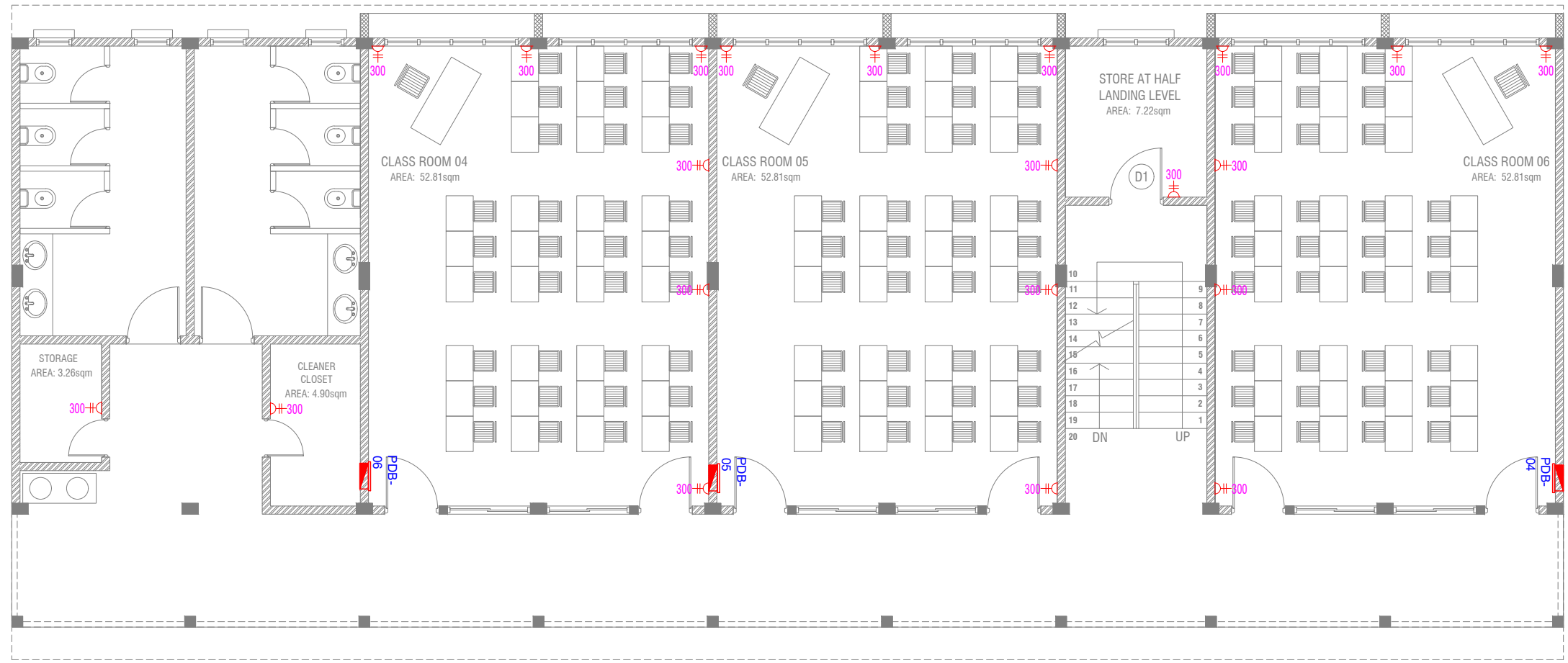
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FIRST FLOOR POWER LAYOUT

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