

Proposed 06 Classroom Block at
R.Kinolhahu School
(02 Storey)

SERVICES DRAWING
Client: Ministry of Education

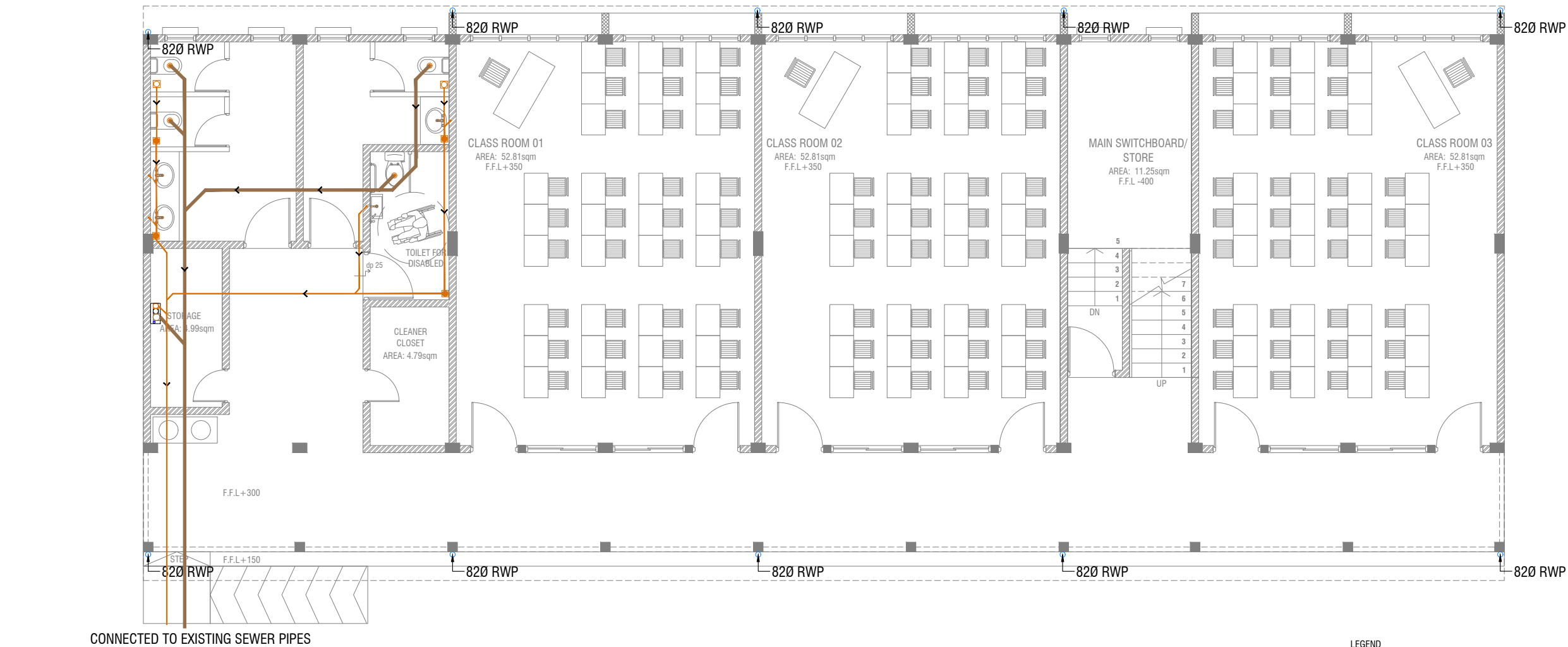


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3rd floor, H. Azum, Ameeremaq, Male'

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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

R.Kinolhahu School - 06 Classroom (02 Storey)
Client: Ministry of Education

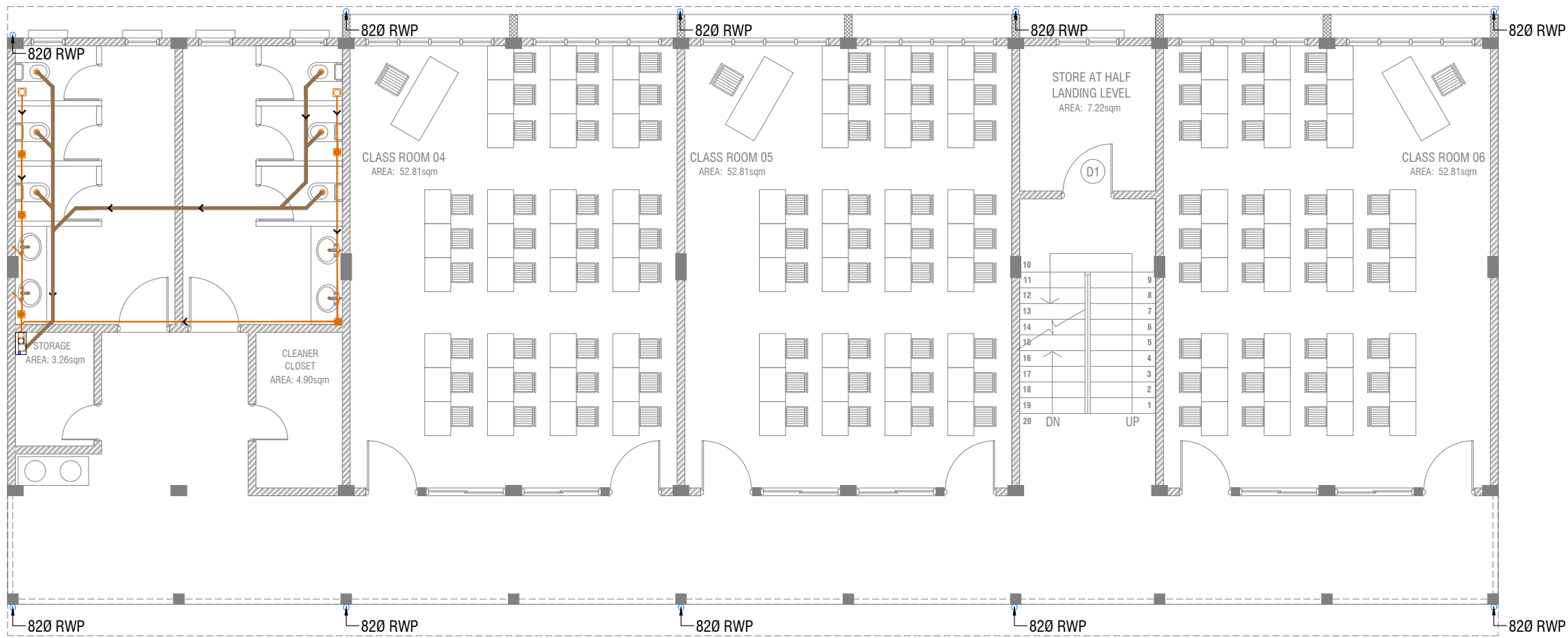
Rev no	Date
1	
2	
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4	

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



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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
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R.Kinolhahu School - 06 Classroom (02 Storey)
Client: Ministry of Education

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

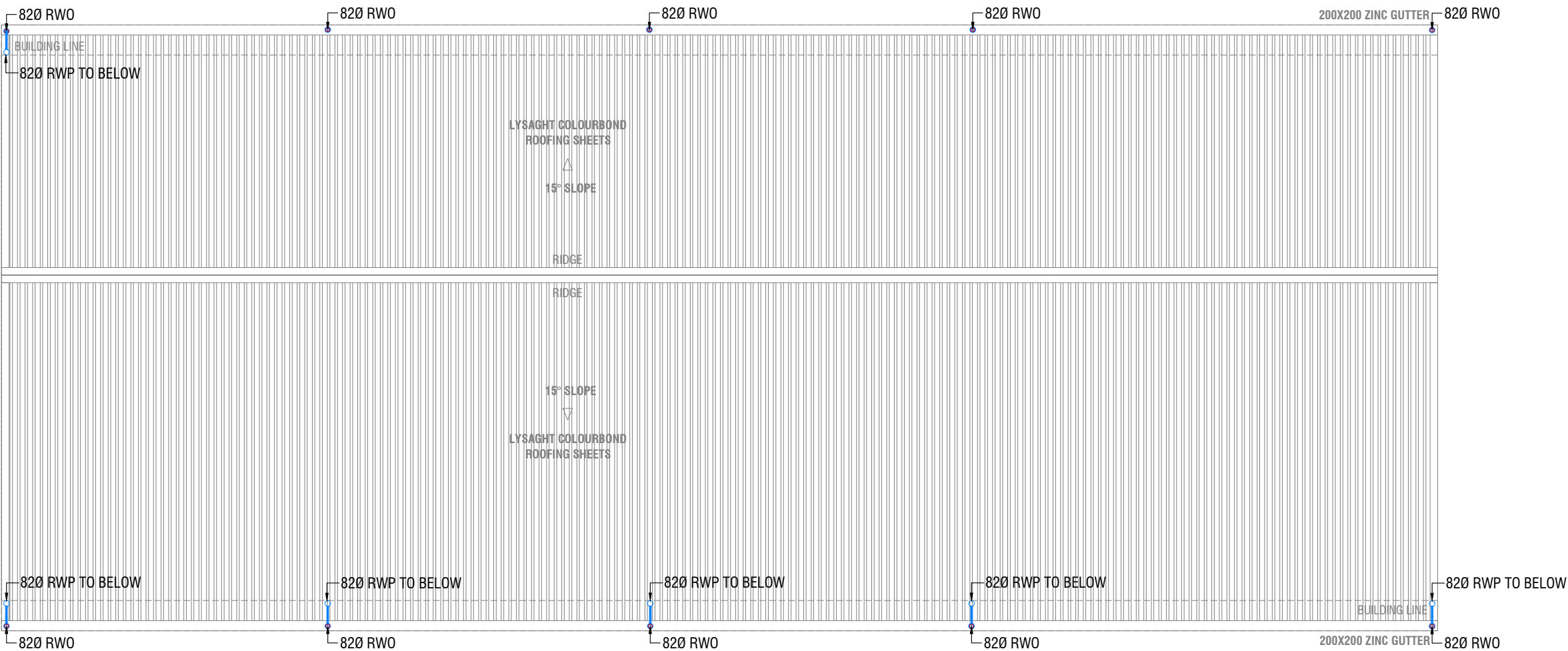


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Title: First Floor
Drainage Layout

Page: DR 02- 03



ROOF DRAINAGE LAYOUT



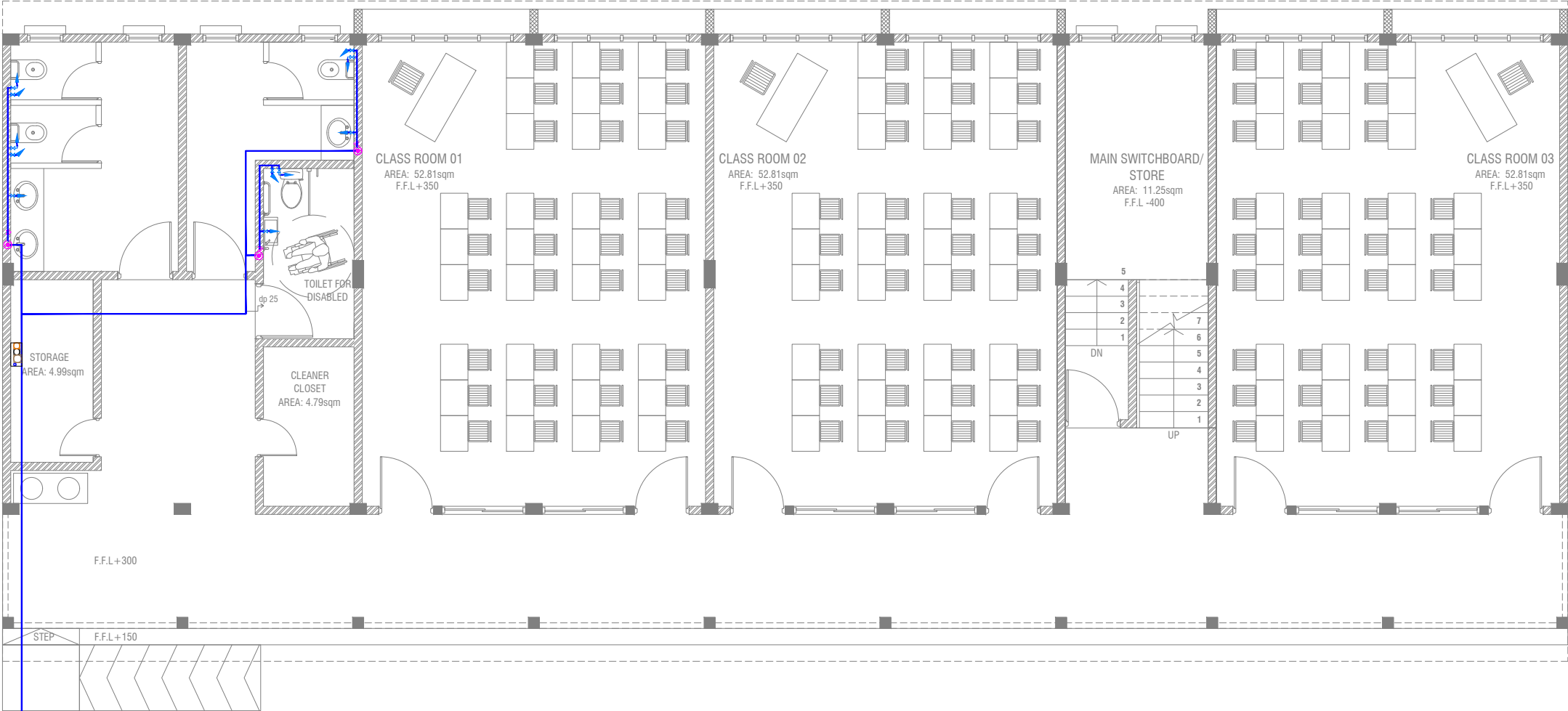
- LEGEND**
- FG  FLOOR GULLY
 - FD  FLOOR DRAIN
 - WM  40 Ø STUB FOR WASHING MACHINE
 - SP  110 Ø SOIL PIPE
 - SVP  110 Ø SOIL VENT PIPE
 - WP  82 Ø WASTE PIPE
 - WVP  82 Ø WASTE VENT PIPE
 - WP  40 Ø WASTE PIPE
 - RWP  110 Ø RAINWATER PIPE
 - CD  25 Ø DRAIN PIPE
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R.Kinolhahu School - 06 Classroom (02 Storey)
Client: Ministry of Education

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

R.Kinolhahu School - 06 Classroom (02 Storey)
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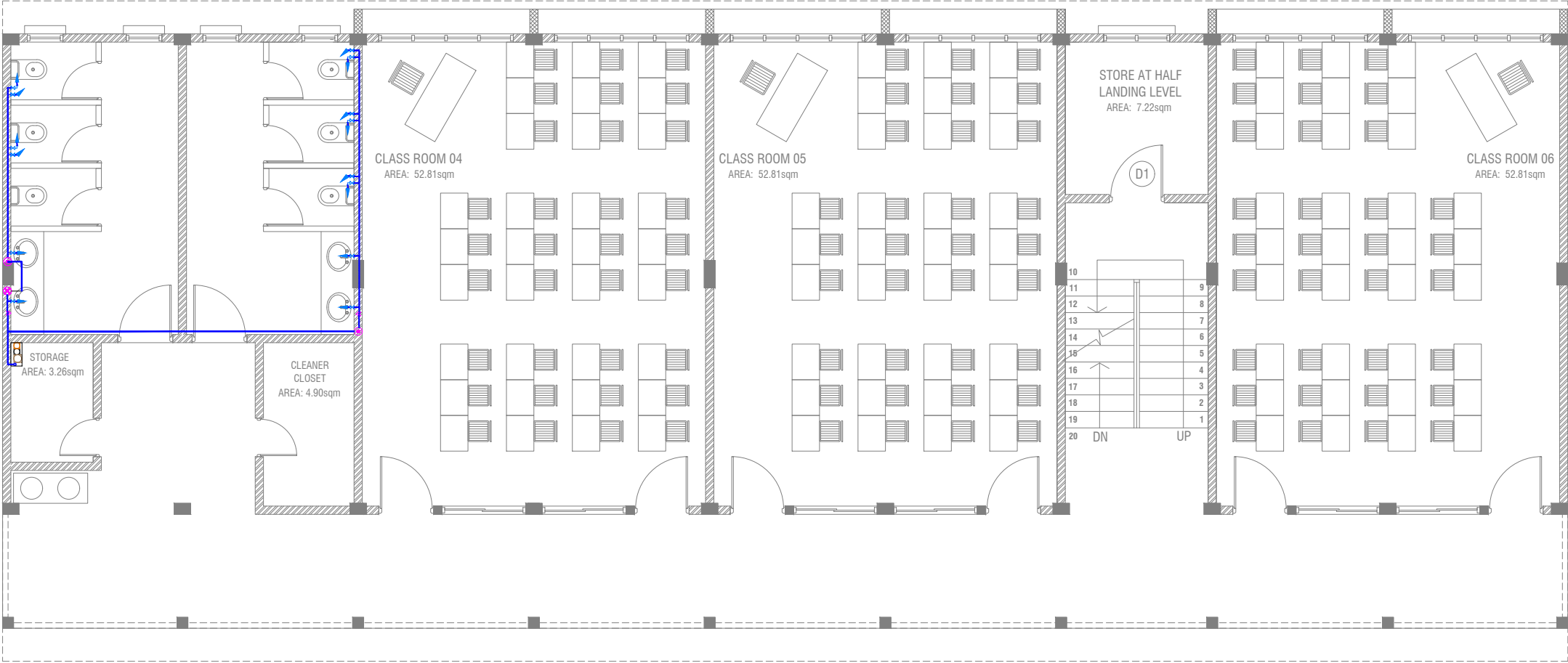
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FIRST FLOOR PLUMBING LAYOUT

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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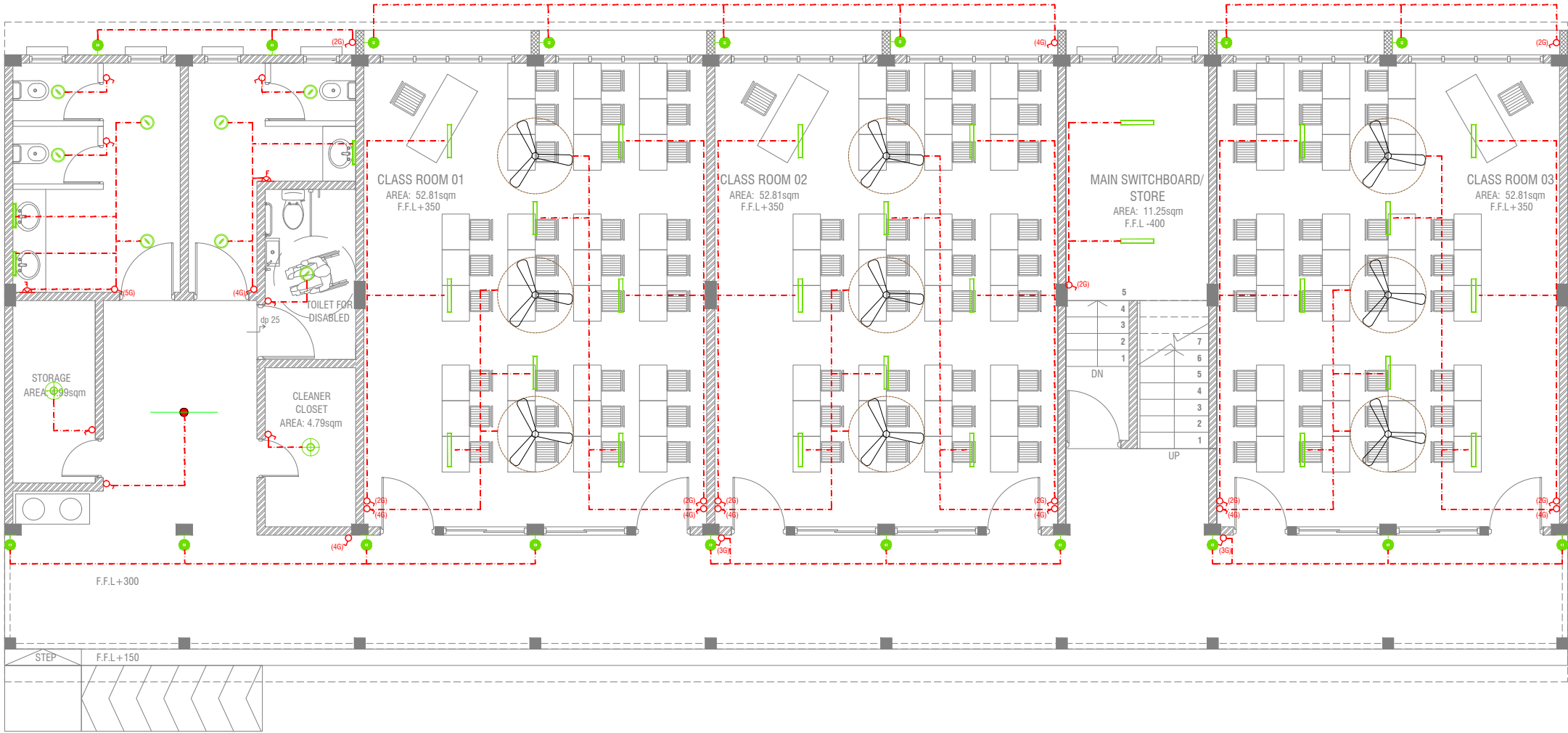


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GROUND FLOOR LIGHTING LAYOUT

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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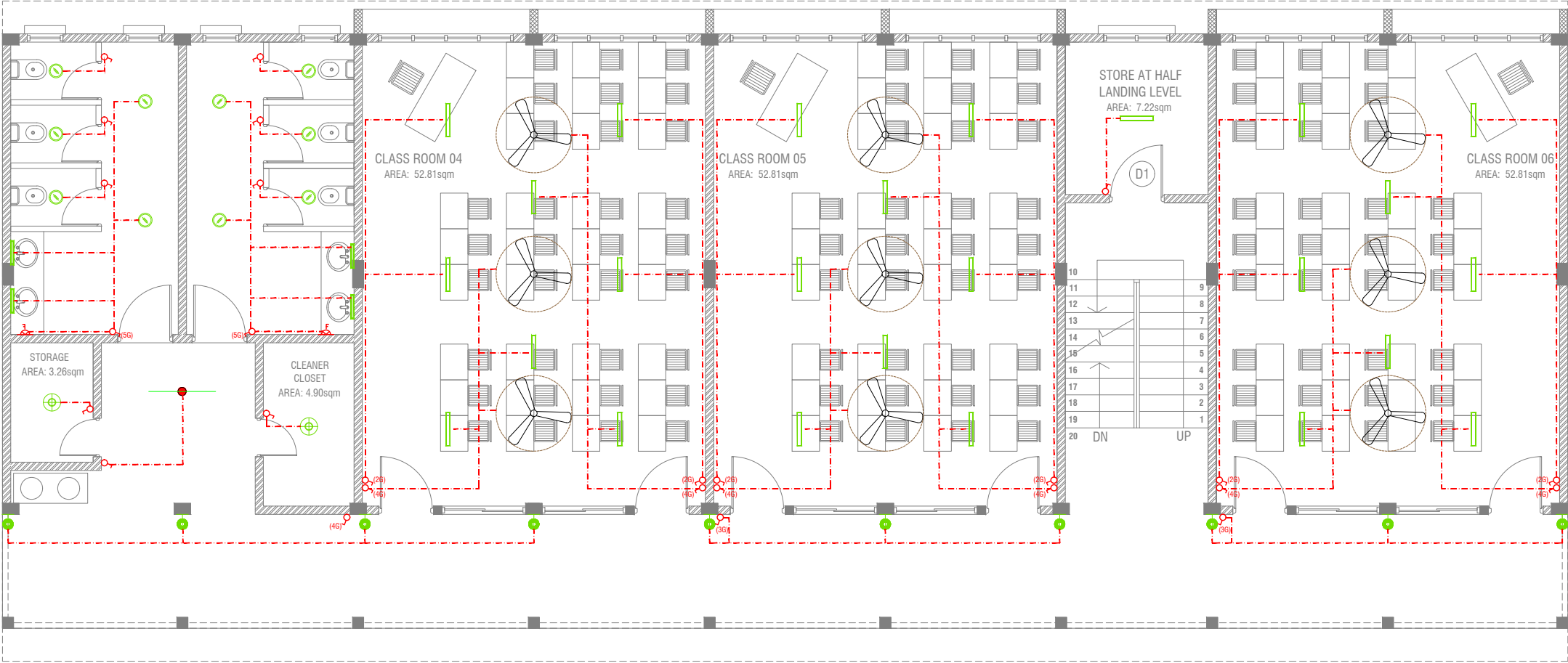
Services : Alshath Ahmed

Interior : -

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FIRST FLOOR LIGHTING LAYOUT

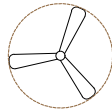
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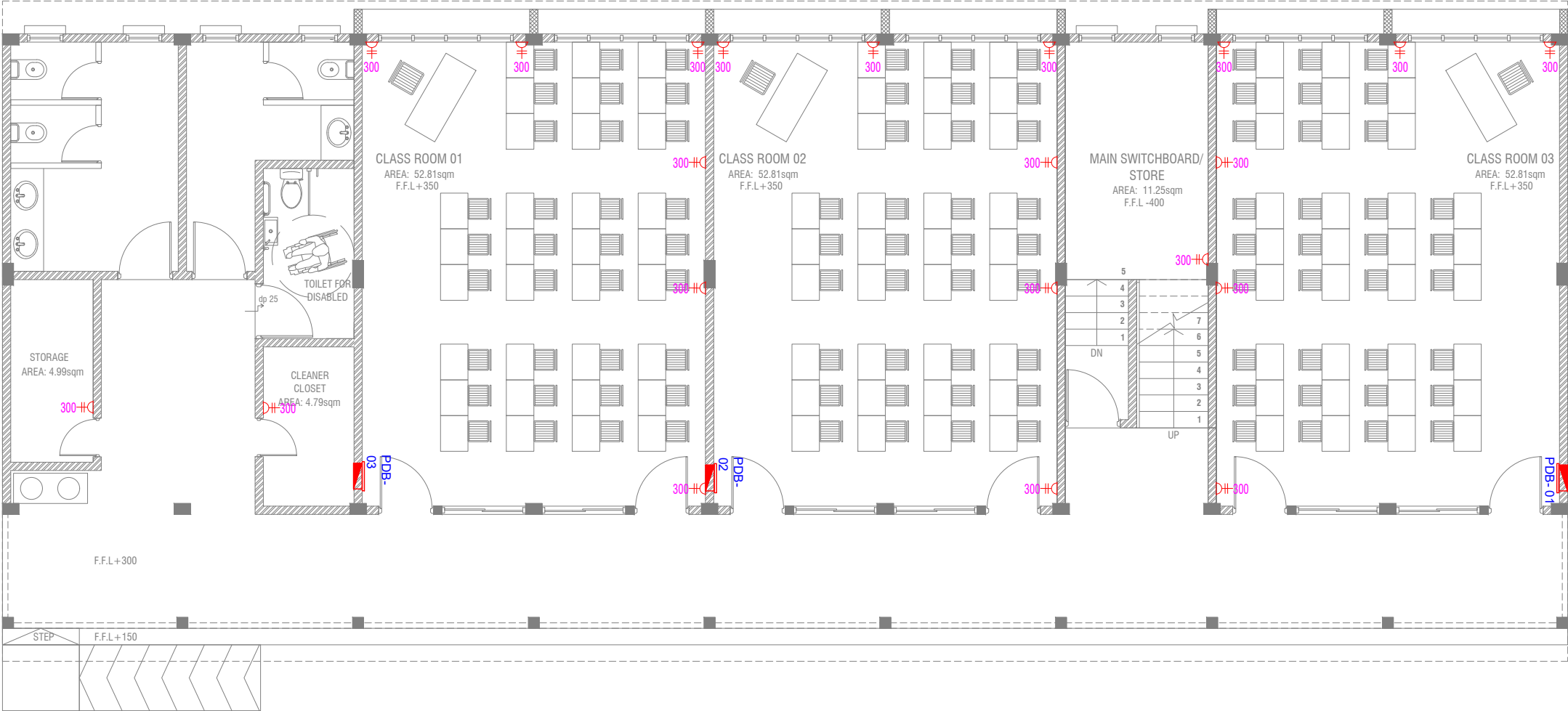


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Title: First Floor
Lighting Layout

Page: EL 02-02



GROUND FLOOR POWER LAYOUT



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

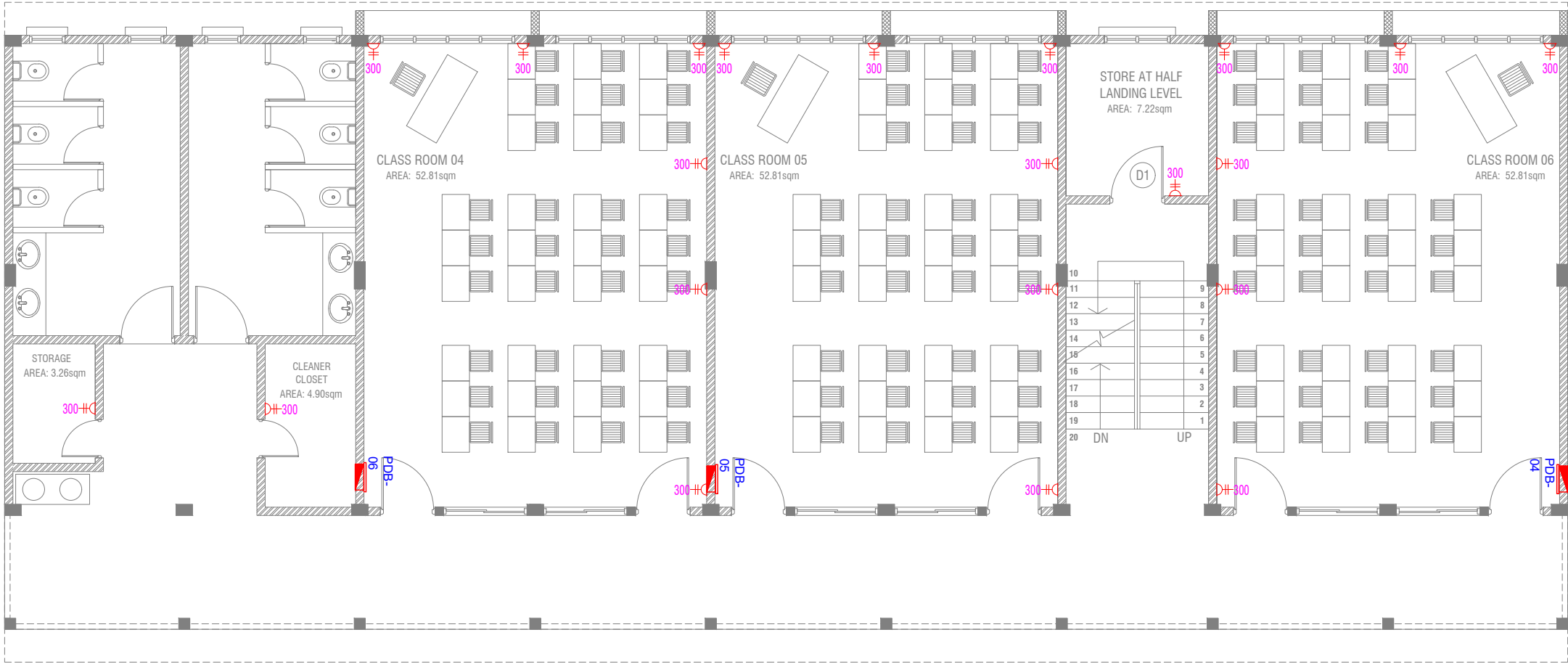
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FIRST FLOOR POWER LAYOUT

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