

# Proposed Single Storey Block at Vashafaru School

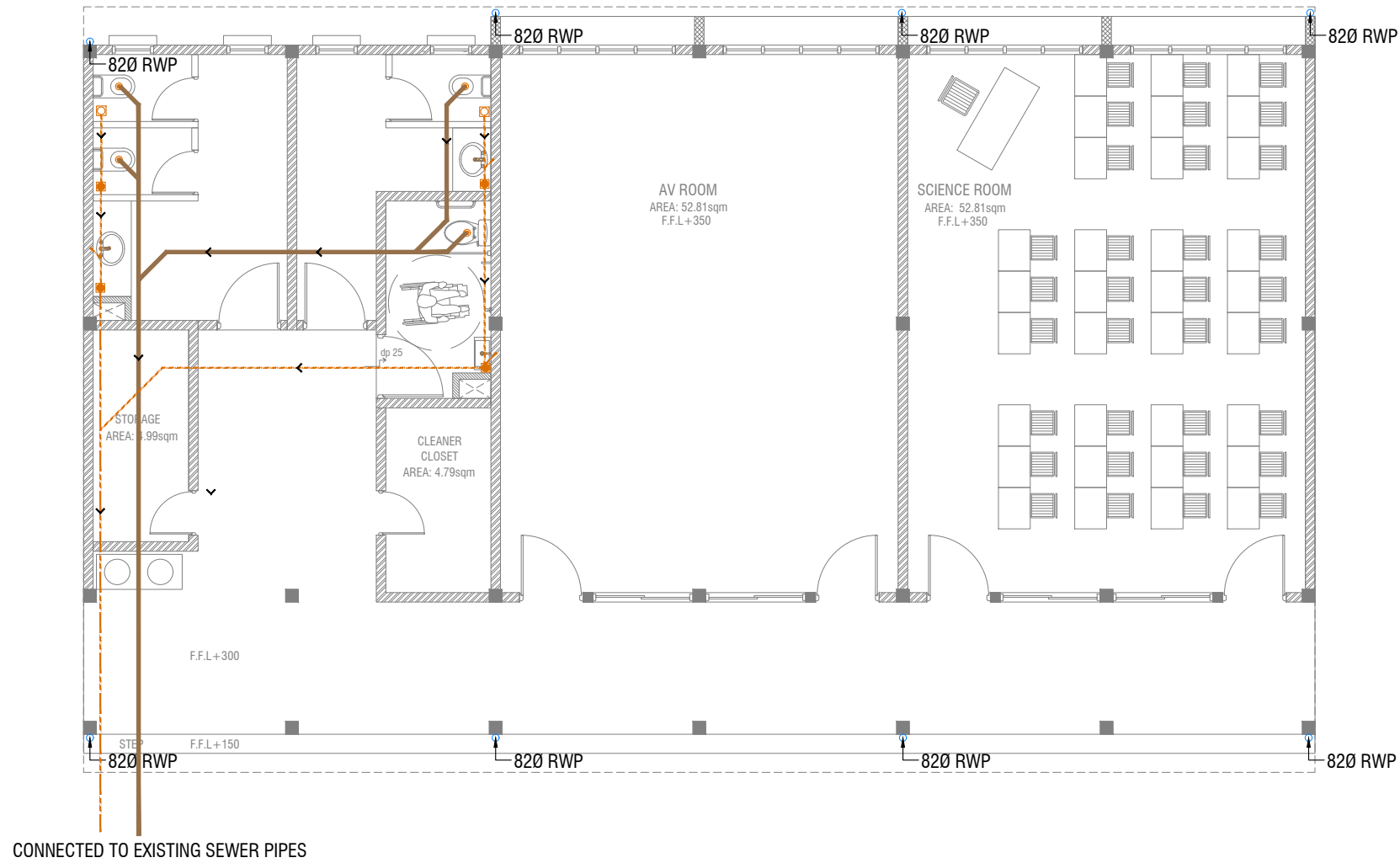
***SERVICES DRAWING***

Client: Ministry of Education



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3rd floor, H. Azum, Ameenemagu, Malé



- 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

### GROUND FLOOR DRAINAGE LAYOUT

SCALE 1:100



Vashafaru School  
Client: Ministry of Education

Project Number: RI/2017/012  
Date: February 2018

Rev no	Date
1	
2	
3	
4	

Architect: Razana Amir  
Engineer: -  
Drawn by: Aishath Ahmed  
Interior: -



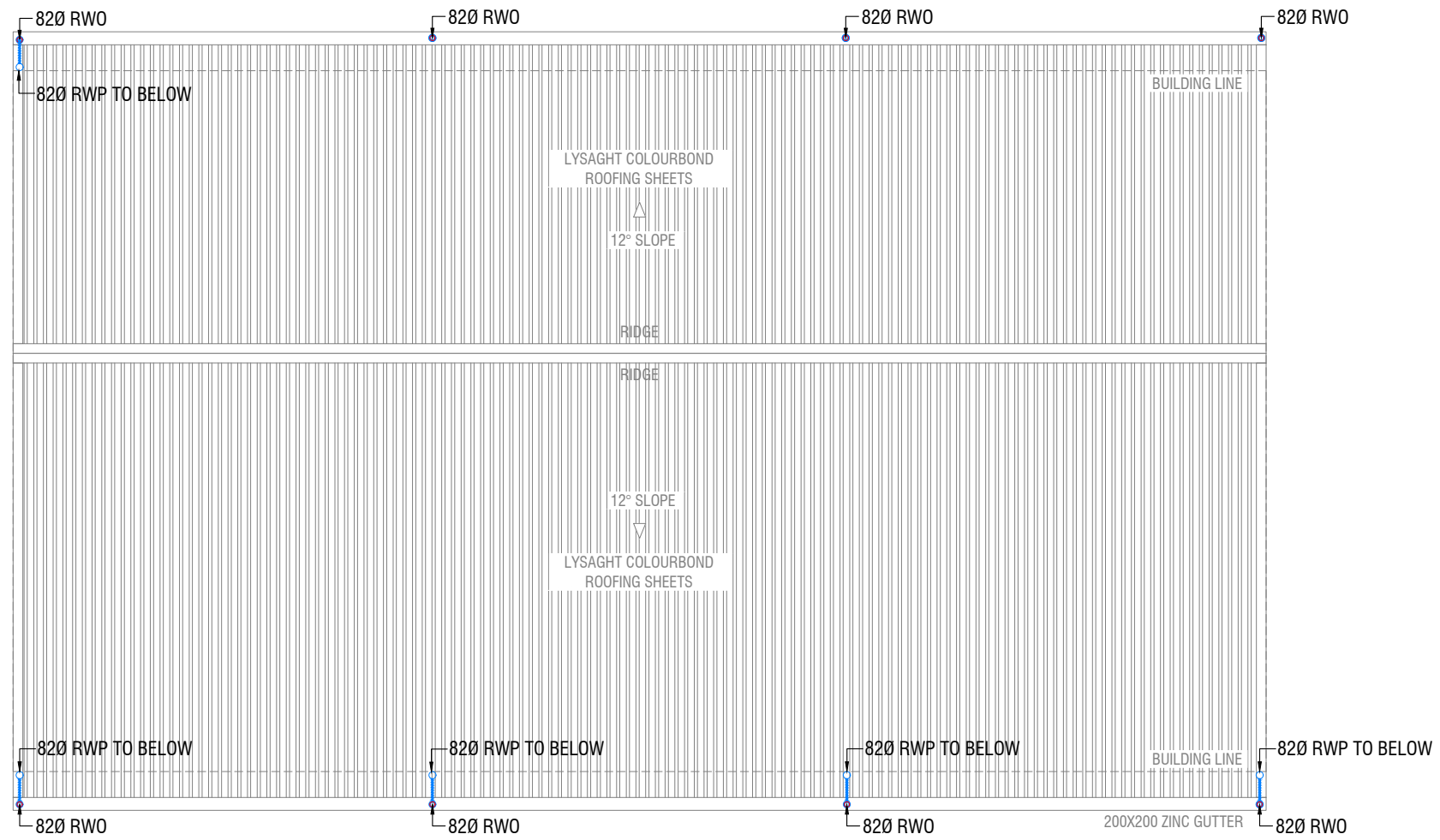
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Title: Ground Floor  
Drainage Layout

Page: DR-01/02

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**ROOF DRAINAGE LAYOUT**

SCALE 1:100



Vashafaru School  
Client: Ministry of Education

Project Number: RI/2017/012	Date: February 2018	Rev no	Date
Architect: Razana Amir	Engineer: -	-	-
Drawn by: -	Services: Alishah Ahmed	-	-
Interior: -		-	-

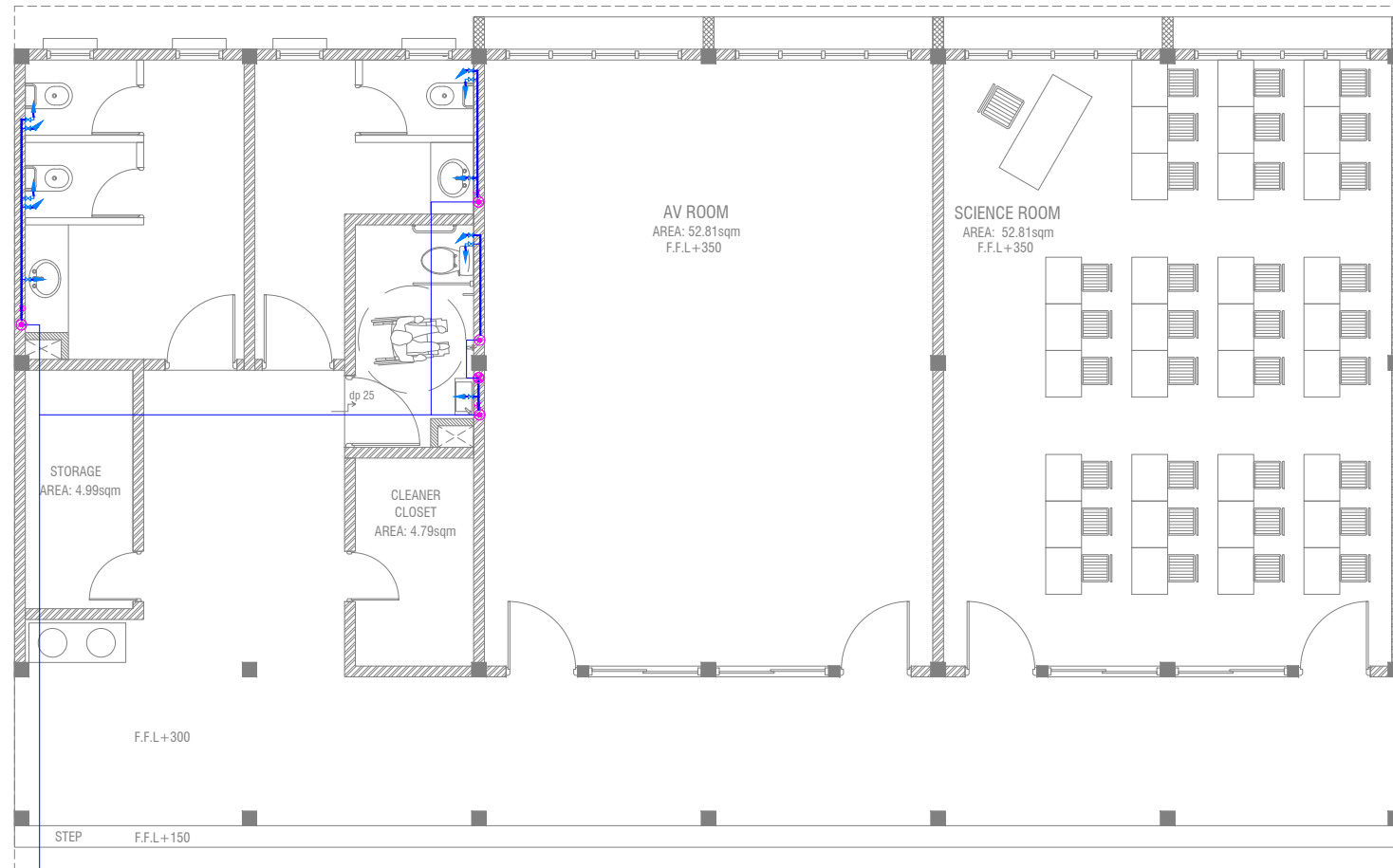


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Title: Roof Drainage Layout

Page: DR-02/02



CONNECTED TO EXISTING MAIN WATER PIPE

### 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
- RISE IN WALL
- DROP IN WALL
- CWS** COLD WATER SUPPLY
- HWS** HOT WATER SUPPLY

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Engineer: -  
Drawn by: Aishath Ahmed  
Interior: -

Rev no

Date

Rev no	Date
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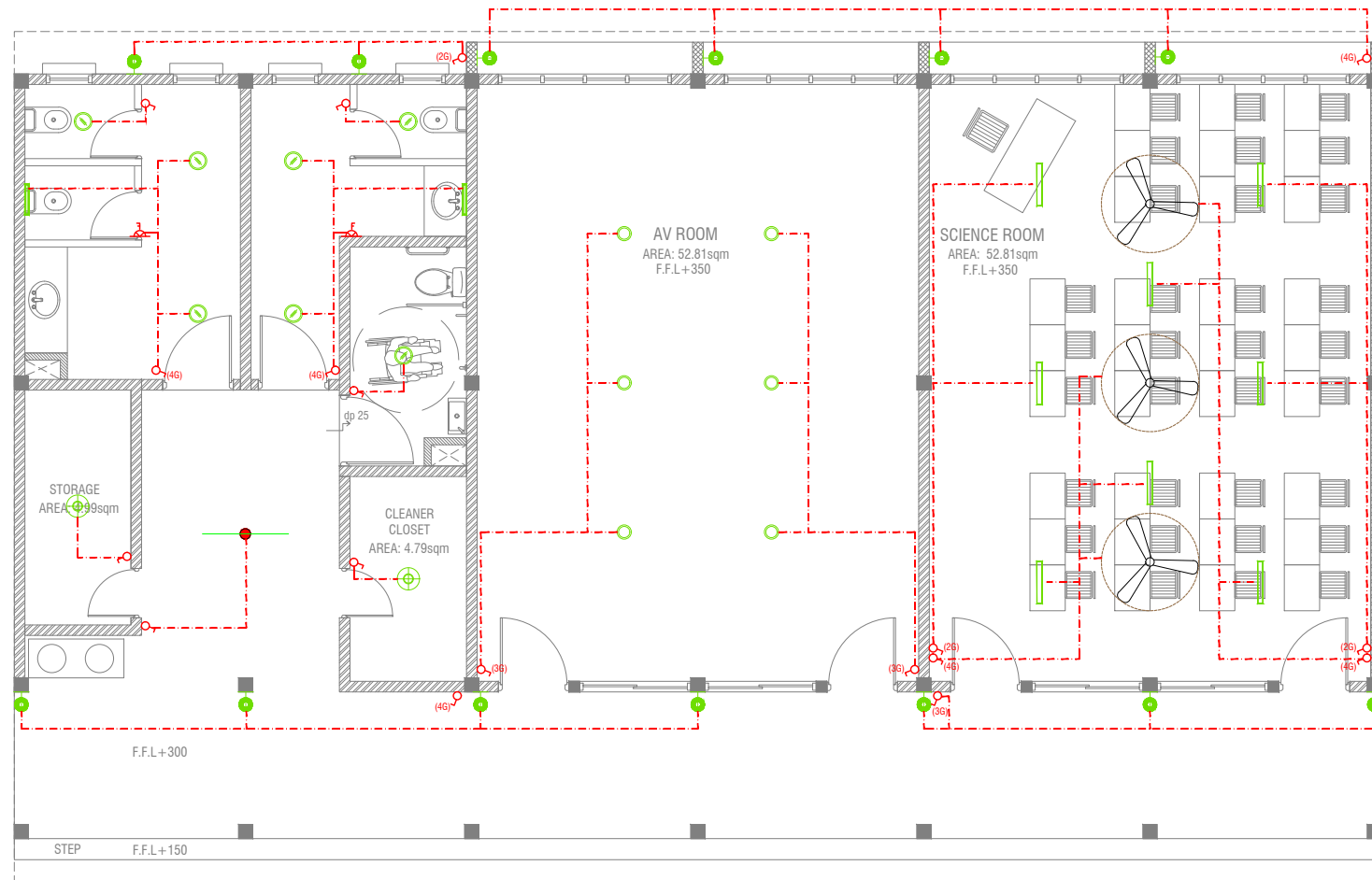


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Title: Plumbing Layout

Page: PL-01/01

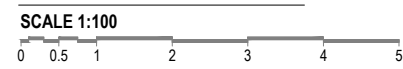


- LEGEND**
- WPD OUT DOOR WALL LIGHT
  - ML MIRROR LIGHT (7W LED LIGHT)
  - H2 RECESSED DOWN LIGHT 12W
  - CL CEILING LIGHT 18W CFL
  - WP 2 X 4' TUBE LIGHT WITH WEATHER PROOF OPAL CASING
  - C2 CEILING DOWN LIGHT ( 18W)
  - LIGHT SWITCH
  - SWITCHING LINE
  - CL2 2 X 4' FLUORESENT LIGHT WITH OPAL CASING
- 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

**LIGHTING LAYOUT**



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Rev no	Date

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Engineer : -  
Drawn by : - Aishath Ahmed  
Interior : -

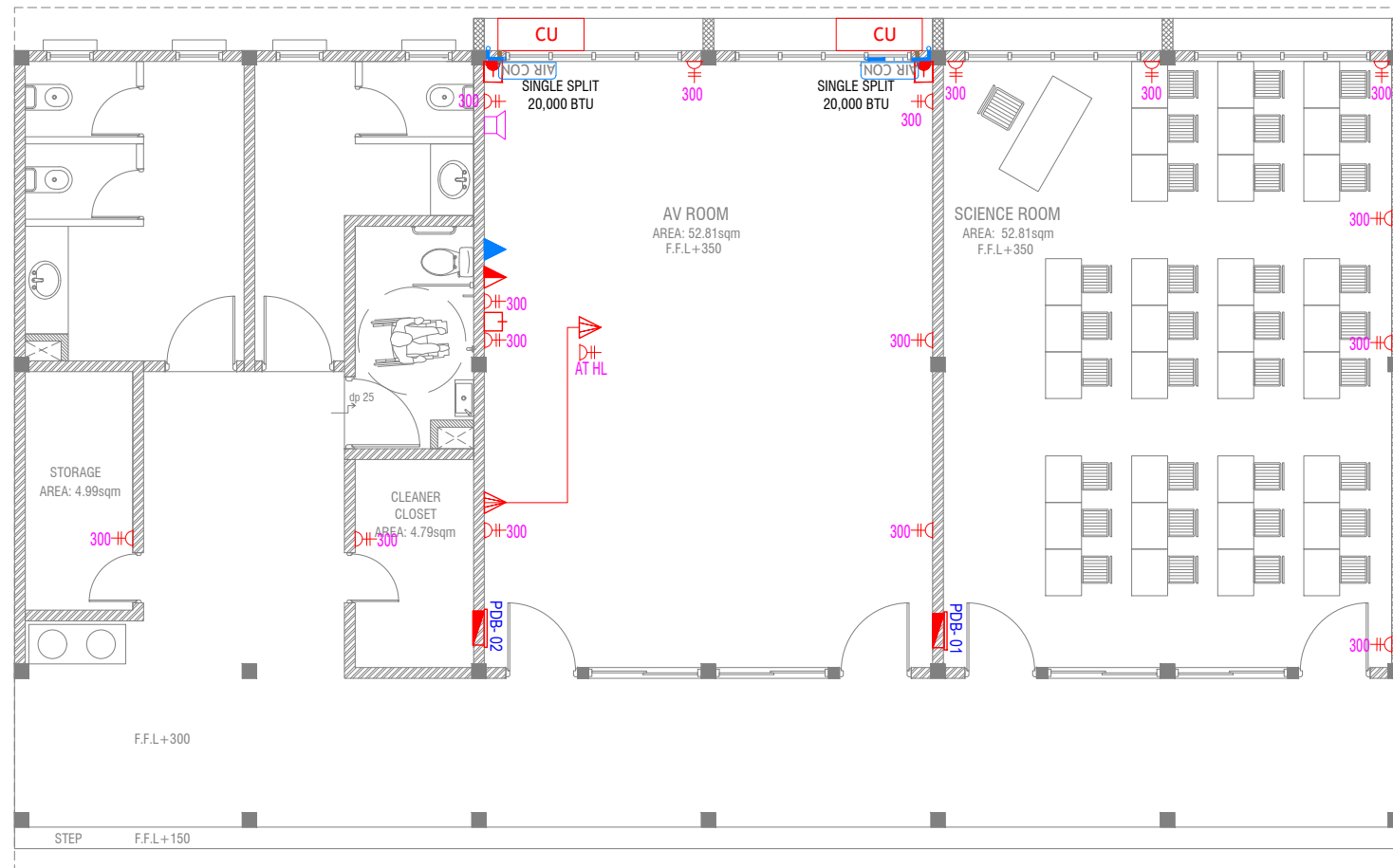
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Title: Lighting Layout

Page: EL-01/01

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- 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
  - SPEAKER
  - HL. HIGH LEVEL
  - WPE WEATHER PROOF POLYCARBONATE ENCLOSURE
- ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB
- REFRIGERANT PIPES
  - 25 Ø CONDENSATE DRAIN PIPE IN TRAY
  - AIR CONDITIONER
  - OUTDOOR CONDENSING UNIT

**GROUND FLOOR POWER LAYOUT**

SCALE 1:100



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Title: Power Layout

Page: EP-01/01