

Proposed 6 Classroom Block at  
S. Hulhumeedhoo (03 Storey)

***SERVICES DRAWING***

Client: Ministry of Education



RIYAN PRIVATE LIMITED

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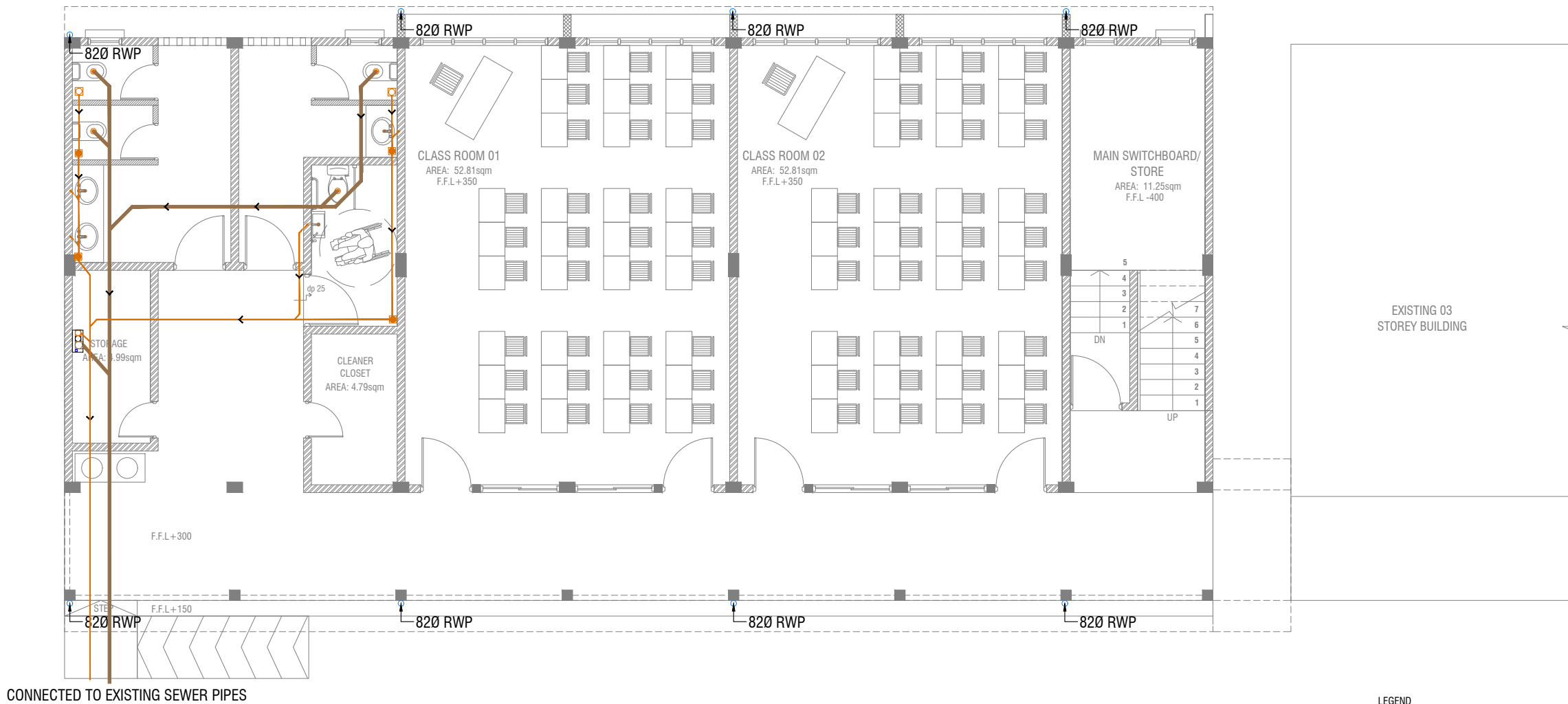
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3rd floor, H. Azum, Ameeremaagu, Male'

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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

S. Atoll School, Hulhumedhoo - 6 Classroom (3 Storey)  
Client: Ministry of Education

Project Number: RI/2017/012

Date: July 2019

Architect: Razana Amir

Engineer: Ahmed Zuhair Zaem

Drawn by: Razana Amir

Services: Aishath Ahmed

Rev no

Date

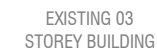


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3rd floor, H. Azum, Ameneemagau, I

Title: Ground Floor  
Drainage Layout

Page: DR 01-03



LEGEND

MHVP—50 Ø MANHOLE VENT PIPE

A horizontal number line is shown with tick marks at intervals of 0.5, labeled 0, 0.5, 1, 2, 3, 4, and 5. A solid black dot is placed on the tick mark for the number 1.

**Architect :** Razana Amir  
**Engineer :** Ahmed Zuhal Zaeem  
**Drawn by :** Razana Amir  
**Services :** Aishath Ahmed

S. Atoll School, Hulhumedhoo - 6 Classroom (3 Storey)  
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*Date: July 2019*  
**Architect : Razana Amir**

Engineer : Ahmed Zuhal Zaeem  
Drawn by : Razana Amir

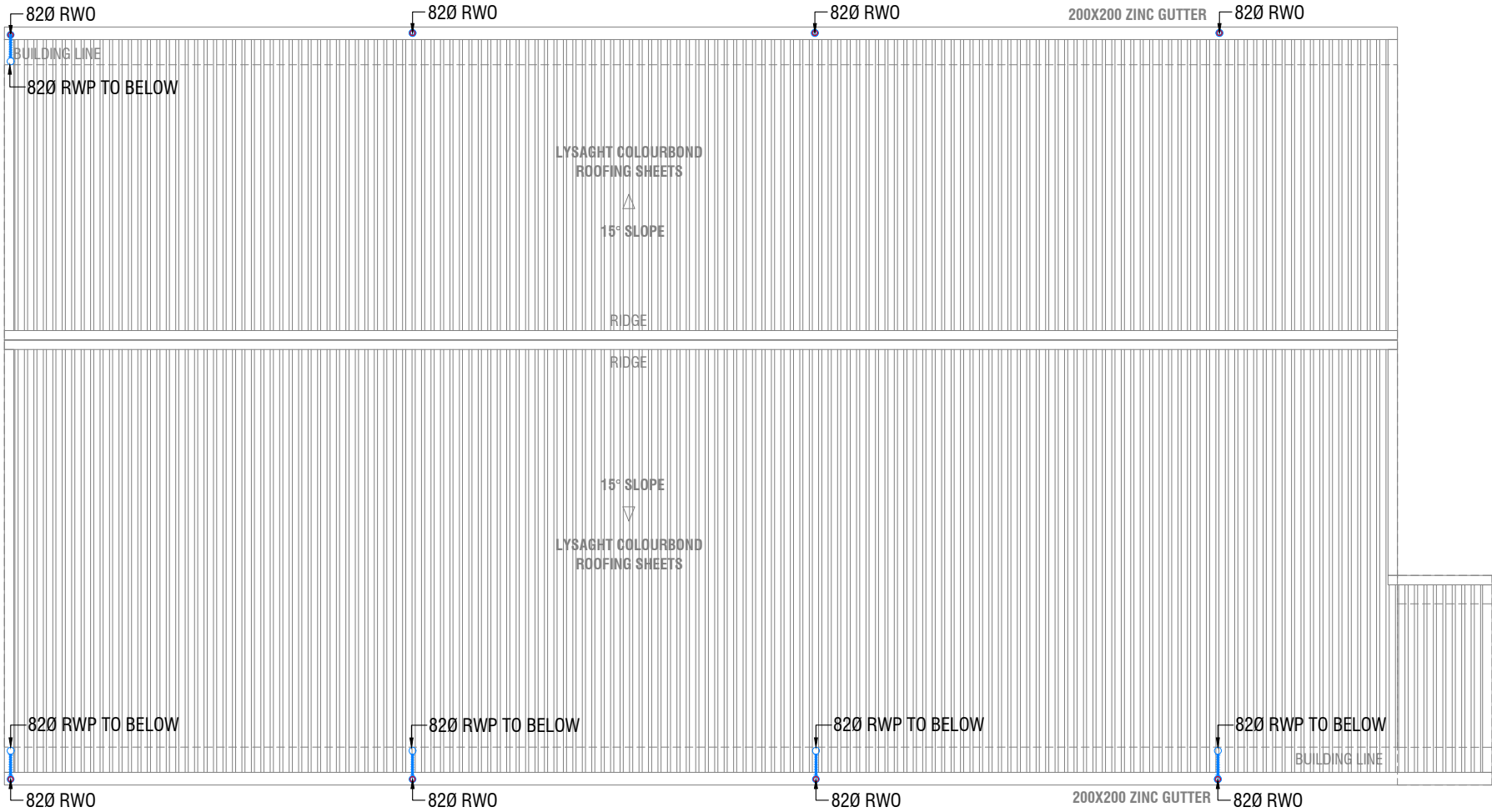
Services : Aishath Ahmed



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3rd floor, H. Azum, Ameenemagu, I

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. Atoll School, Hulhumeedhoo - 6 Classroom (3 Storey)  
Client: Ministry of Education

Project Number: RI/2017/012

Date: July 2019

Architect : Razana Amir  
Engineer : Ahmed Zuhair Zaem  
Drawn by : Razana Amir  
Services : Aishath Ahmed

| Rev no | Date       |
|--------|------------|
| 1      | 2019-07-01 |

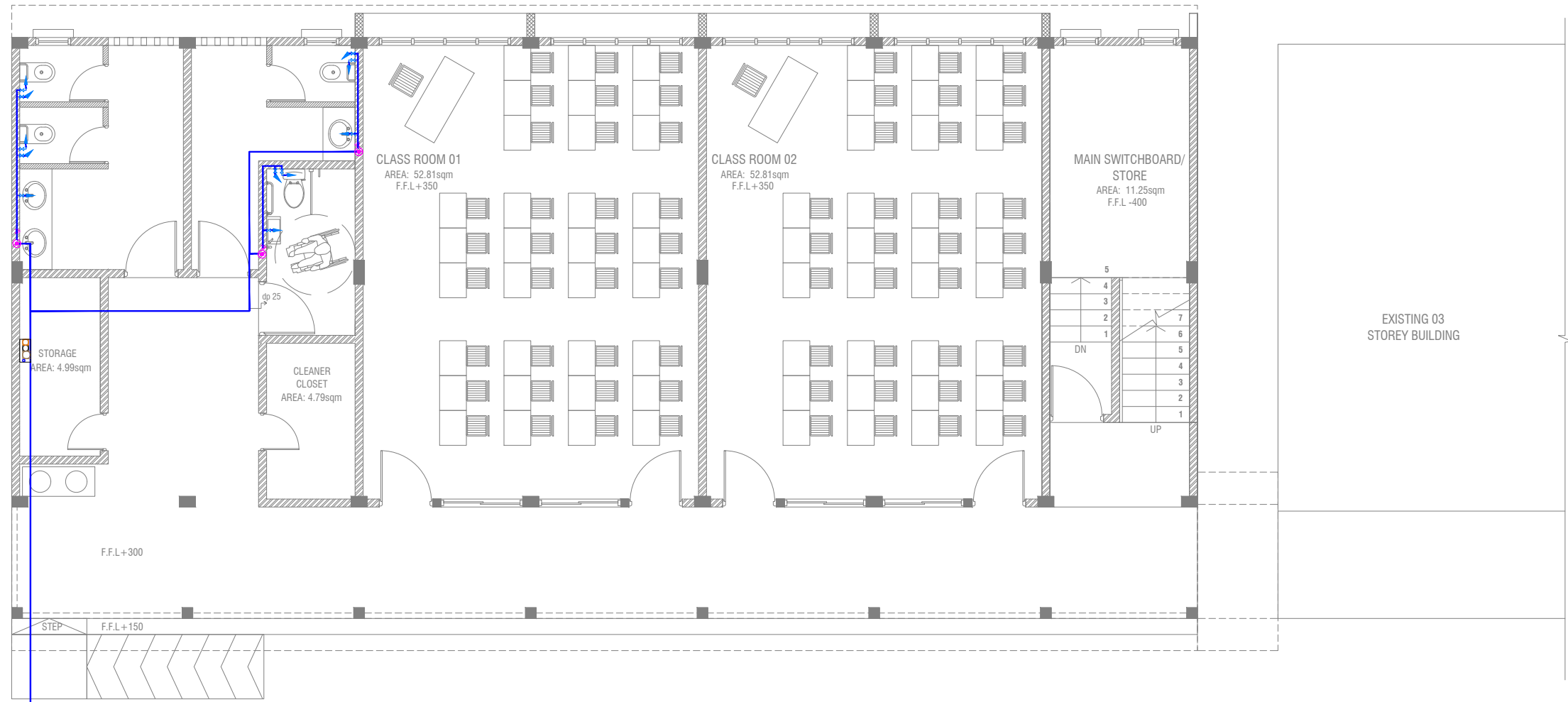


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Title: Roof  
Drainage Layout

Page: DR 01-03



CONNECTED TO EXISTING MAIN WATER PIPE

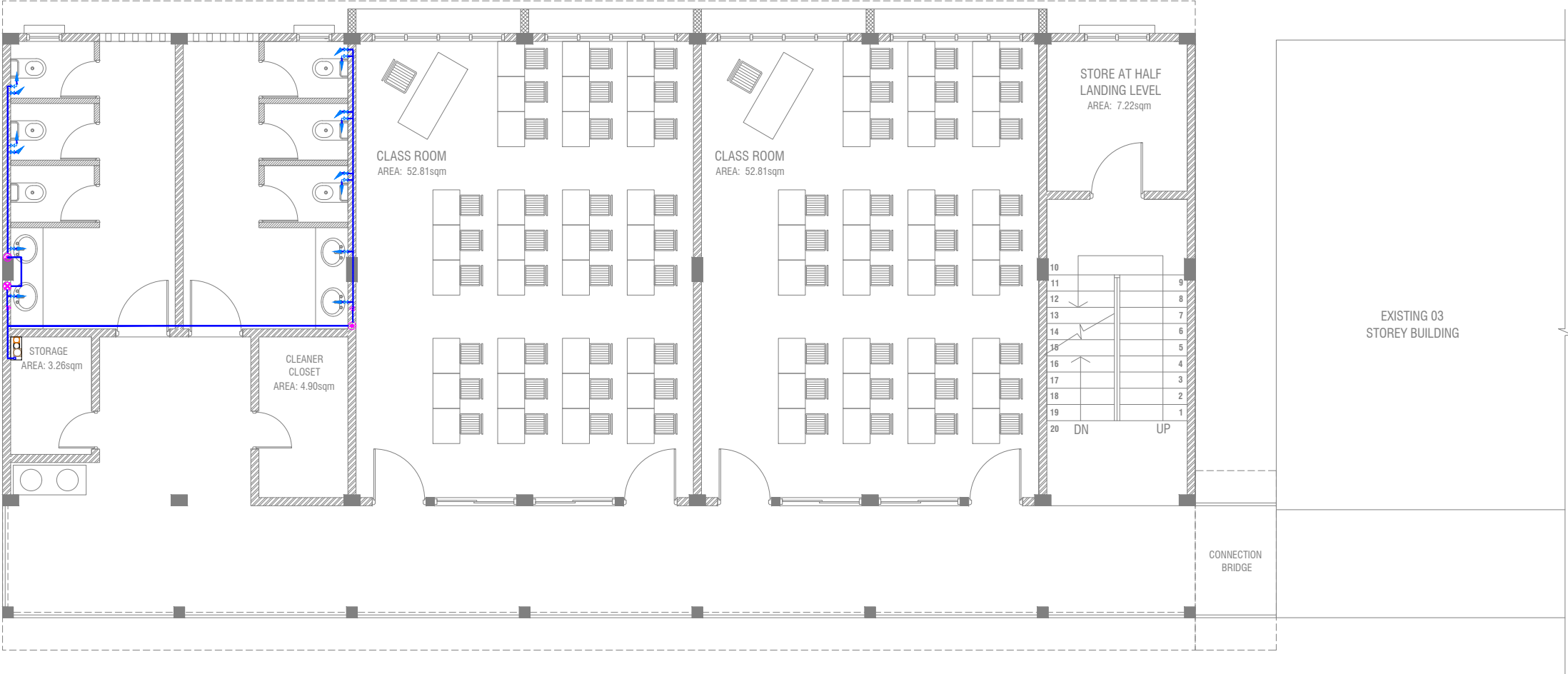
GROUND FLOOR PLUMBING LAYOUT



- 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. Atoll School, Hulhumedhoo - 6 Classroom (3 Storey)  
Client: Ministry of Education

|                              |        |            |
|------------------------------|--------|------------|
| Project Number: RI/2017/012  | Rev no | Date       |
| Date: July 2019              | 1      | 2019-07-01 |
| Architect: Razana Amir       | 2      | 2019-07-01 |
| Engineer: Ahmed Zuhail Zaeem | 3      | 2019-07-01 |
| Drawn by: Razana Amir        | 4      | 2019-07-01 |
| Services: Aishath Ahmed      | 5      | 2019-07-01 |



FIRST - SECOND FLOOR PLUMBING LAYOUT



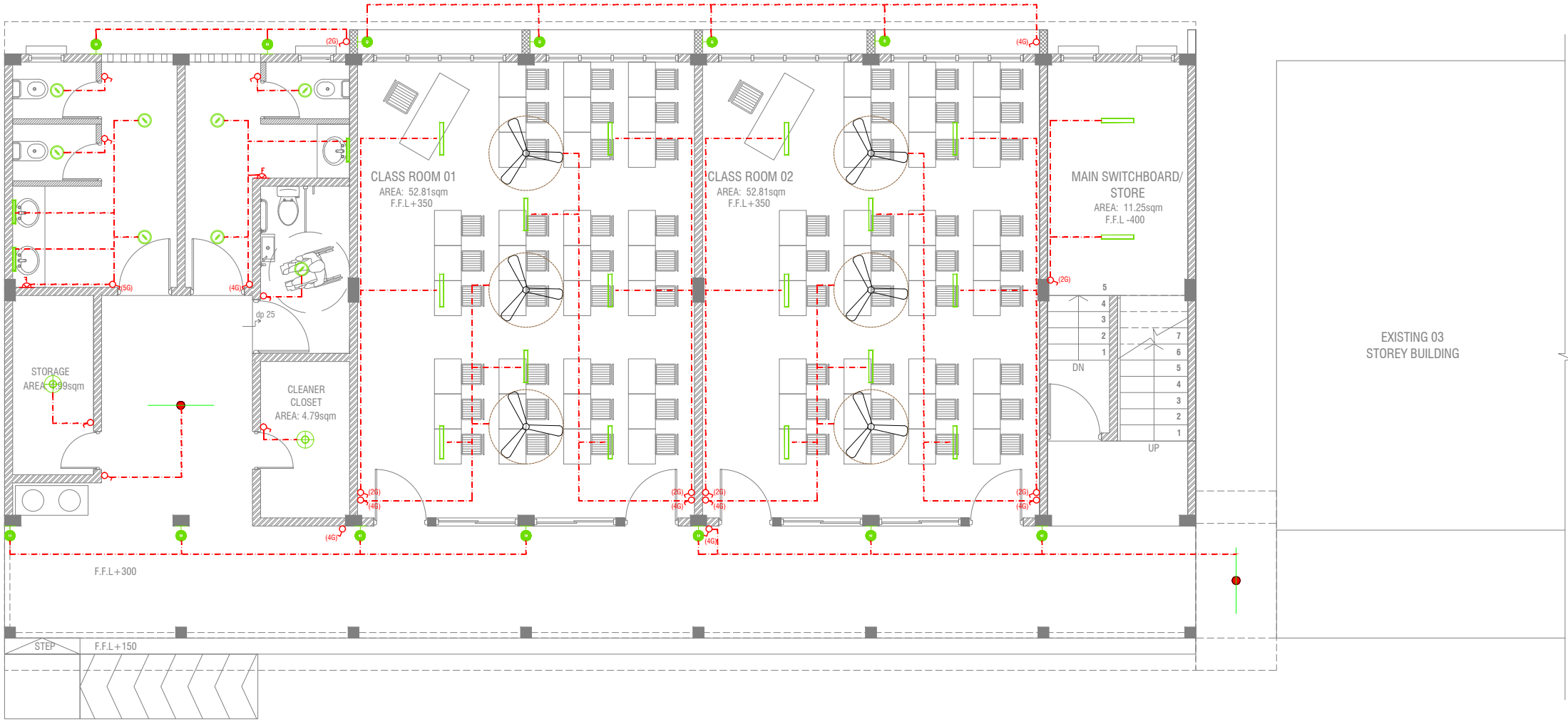
- LEGEND
- 16 Ø COLD WATER SUPPLY TO CISTERN
  - 16 Ø COLD WATER SUPPLY TO BIDET SHOWER
  - 16 Ø COLD WATER SUPPLY TO BASIN FAUCET / SINK
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  - 25 Ø COLD WATER SUPPLY PIPES RUN UNDERGROUND
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  - RISE IN WALL
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  - CWS COLD WATER SUPPLY
  - HWS HOT WATER SUPPLY

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Client: Ministry of Education

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

| Rev no | Date |
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GROUND FLOOR LIGHTING LAYOUT



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")

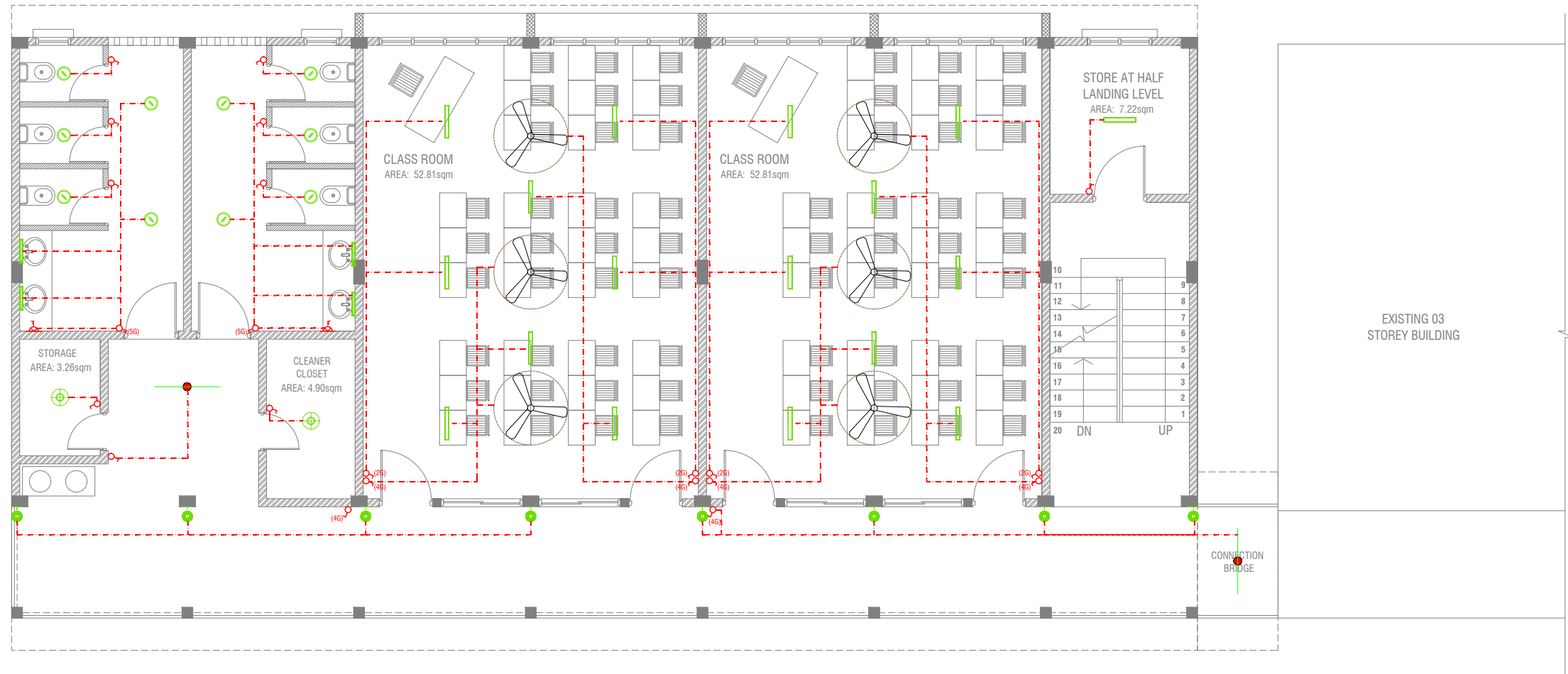
NOTE:  
- ALL WIRING TO BE OF STELCO APPROVED STANDARDS  
- SWITCH CONTROL = 1200MM FROM FLOOR FIN. LEVEL  
- ALL LIGHTING POINTS CONNECTED TO THEIR RESPECTIVE DB

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Drawn by: Razana Amir  
Services: Aishath Ahmed





## FIRST - SECOND 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

CL2 2 X 4' FLUORESENT 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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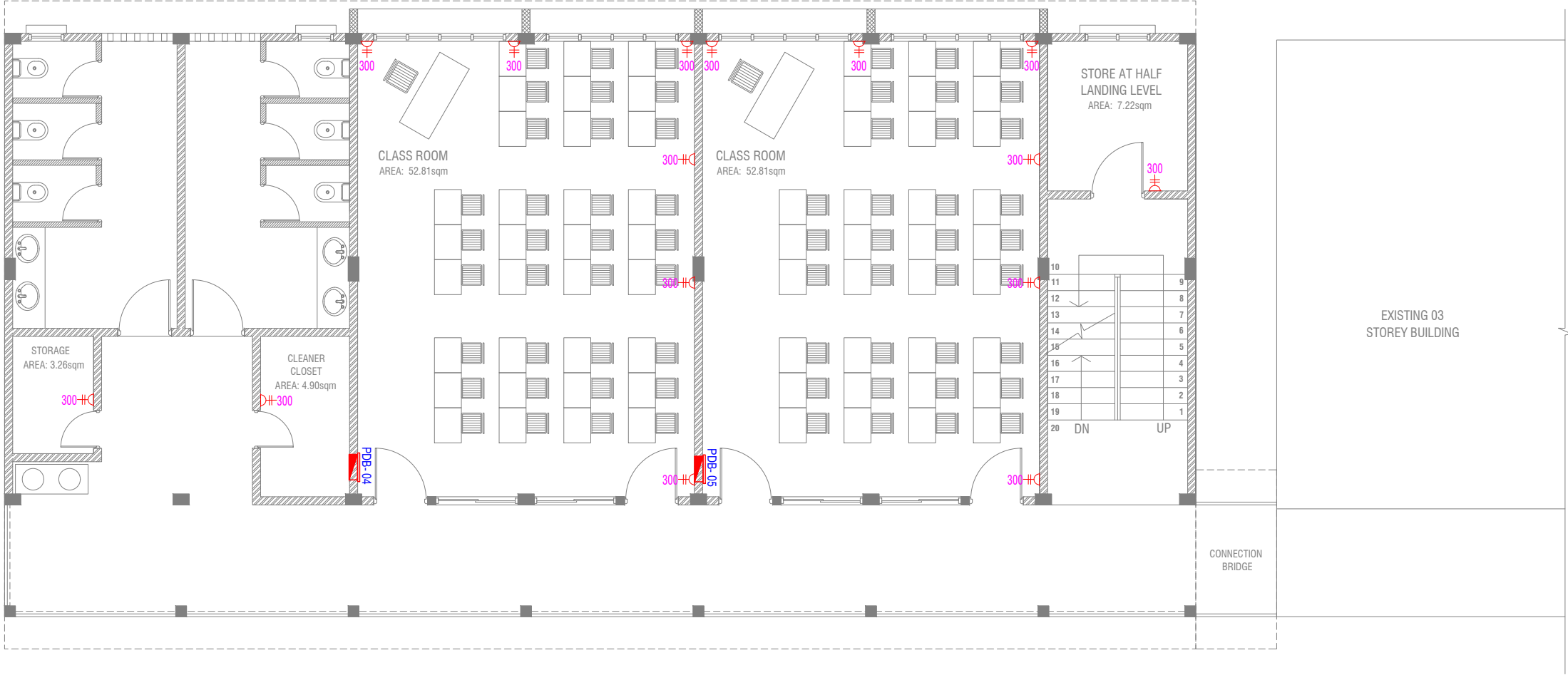
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Title: First - Second Floor  
Lighting Layout

Page: EL 02-02

Page: EP 01-02



# FIRST - SECOND 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

H.L. HIGH LEVEL  
WPE WEATHER PROOF POLYCARBONATE ENCLOSURE

ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

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