

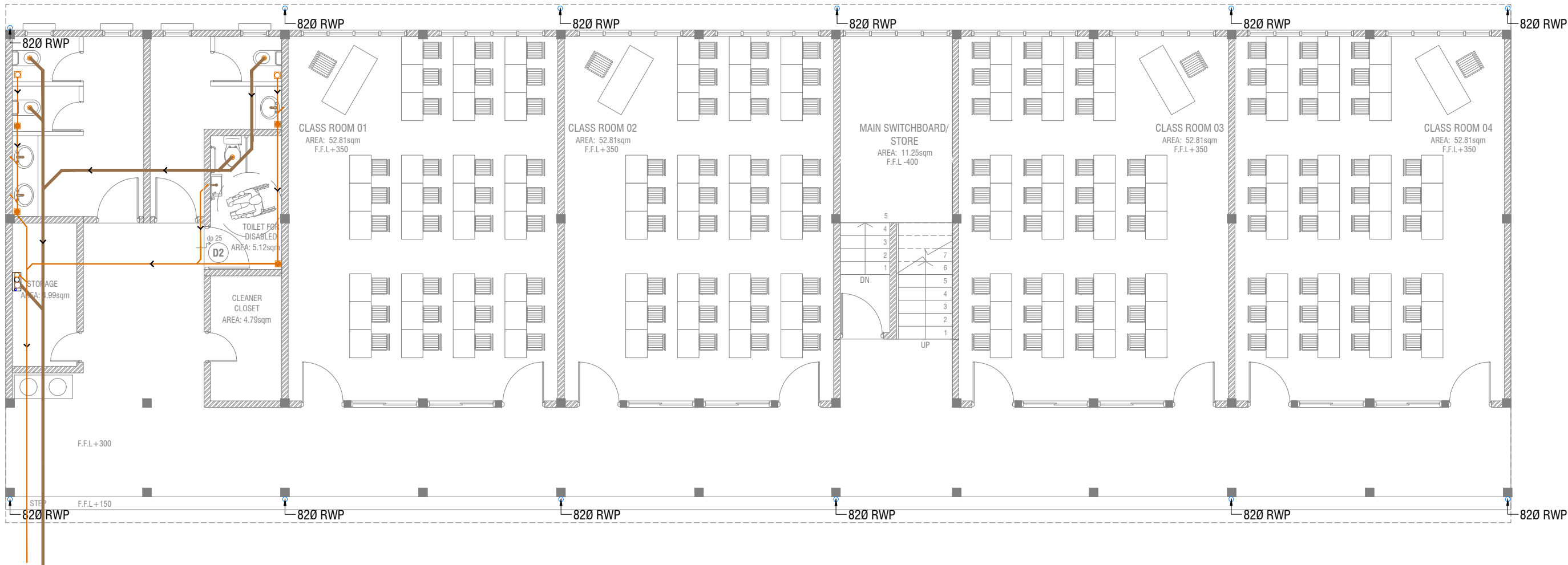
Proposed 12 Classroom Block at
HDh. Vaikaradhoo School
(03 Storey)

SERVICES DRAWING
Client: Ministry of Education



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



GROUND FLOOR DRAINAGE LAYOUT
SCALE 1:100

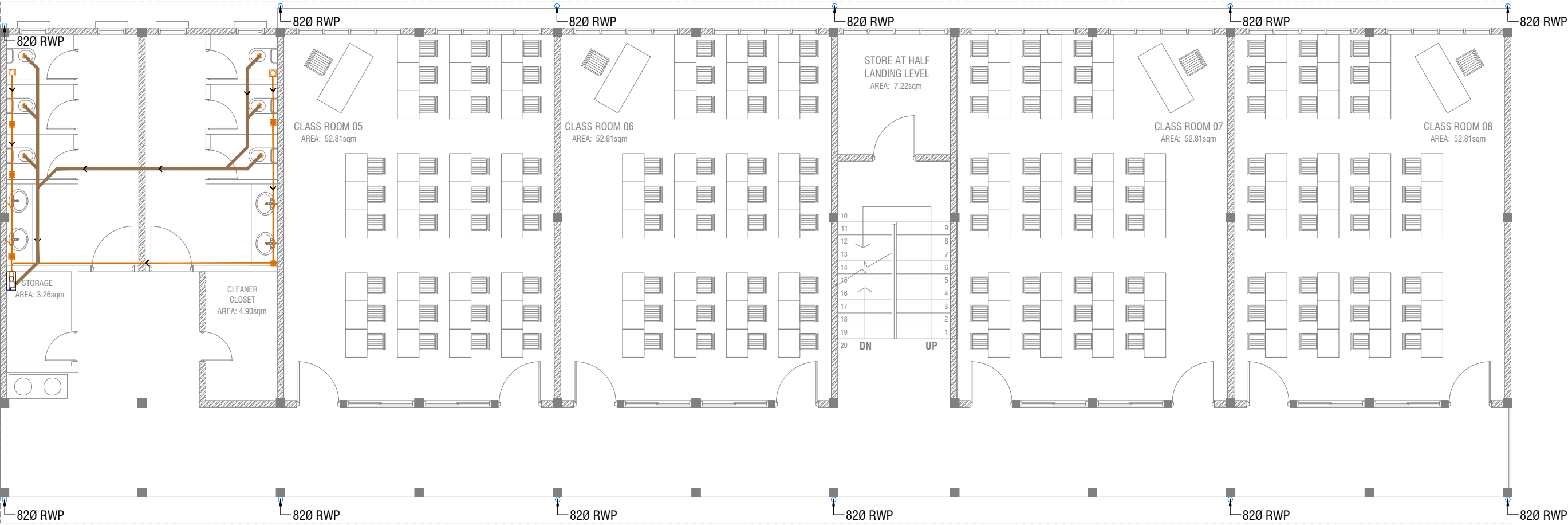
- LEGEND**
- FG FLOOR GULLY
 - FD FLOOR DRAIN
 - WM 40 Ø STUB FOR WASHING MACHINE
 - SP 110 Ø SOIL PIPE
 - SVP 110 Ø SOIL VENT PIPE
 - WP 82 Ø WASTE PIPE
 - WVP 82 Ø WASTE VENT PIPE
 - WP 40 Ø WASTE PIPE
 - RWP 110 Ø RAINWATER PIPE
 - CD 25 Ø DRAIN PIPE
 - MHVP 50 Ø MANHOLE VENT PIPE

HDh.Vaikaradhoo School - 12 Classroom (03 Storey)
Client: Ministry of Education

Project Number: RI/2017/012	Date: May 2019	Rev no	Date
Architect: Razana Amir	Engineer: Ahmed Zuhair Zaem	Rev no	Date
Drawn by: Aishath Mohamed Rasheed		Rev no	Date



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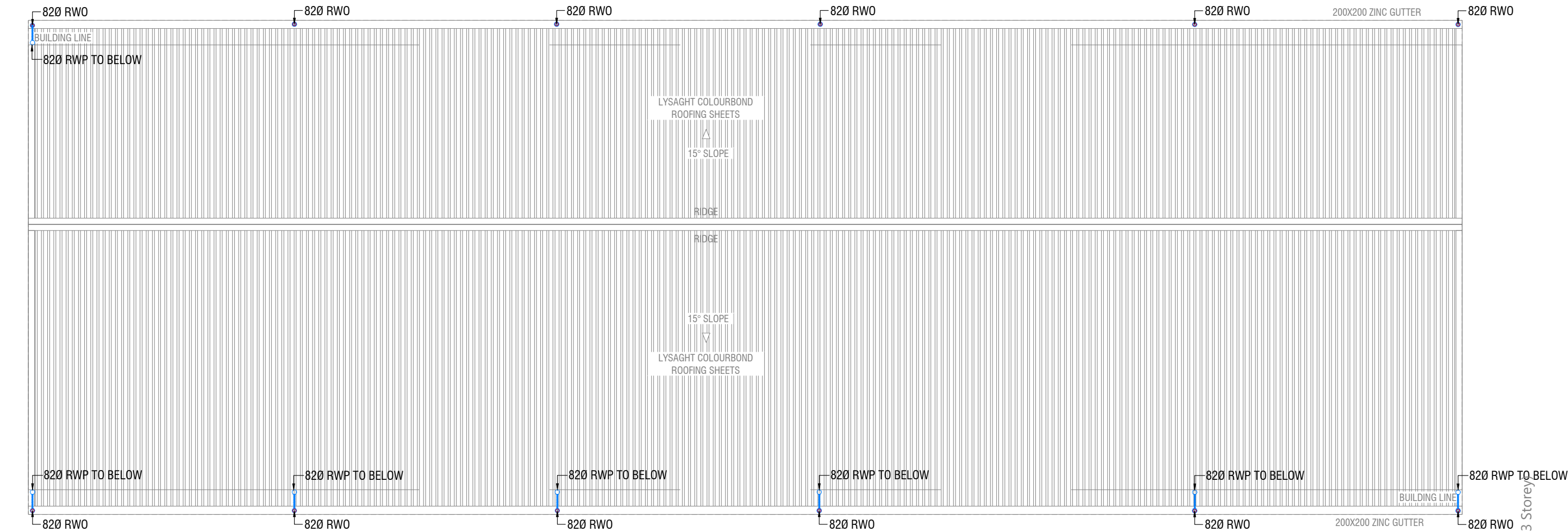


FIRST - SECOND FLOOR DRAINAGE LAYOUT
SCALE 1:100



- 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
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 - MHVP 50 Ø MANHOLE VENT PIPE












HDh.Vaikaradhoo School - 12 Classroom (03 Storey)
Client: Ministry of Education
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Architect: Razana Amir
Engineer: Ahmed Zuhair Zaeem
Drawn by: Aishath Mohamed Rasheed



ROOF DRAINAGE LAYOUT

SCALE 1:100

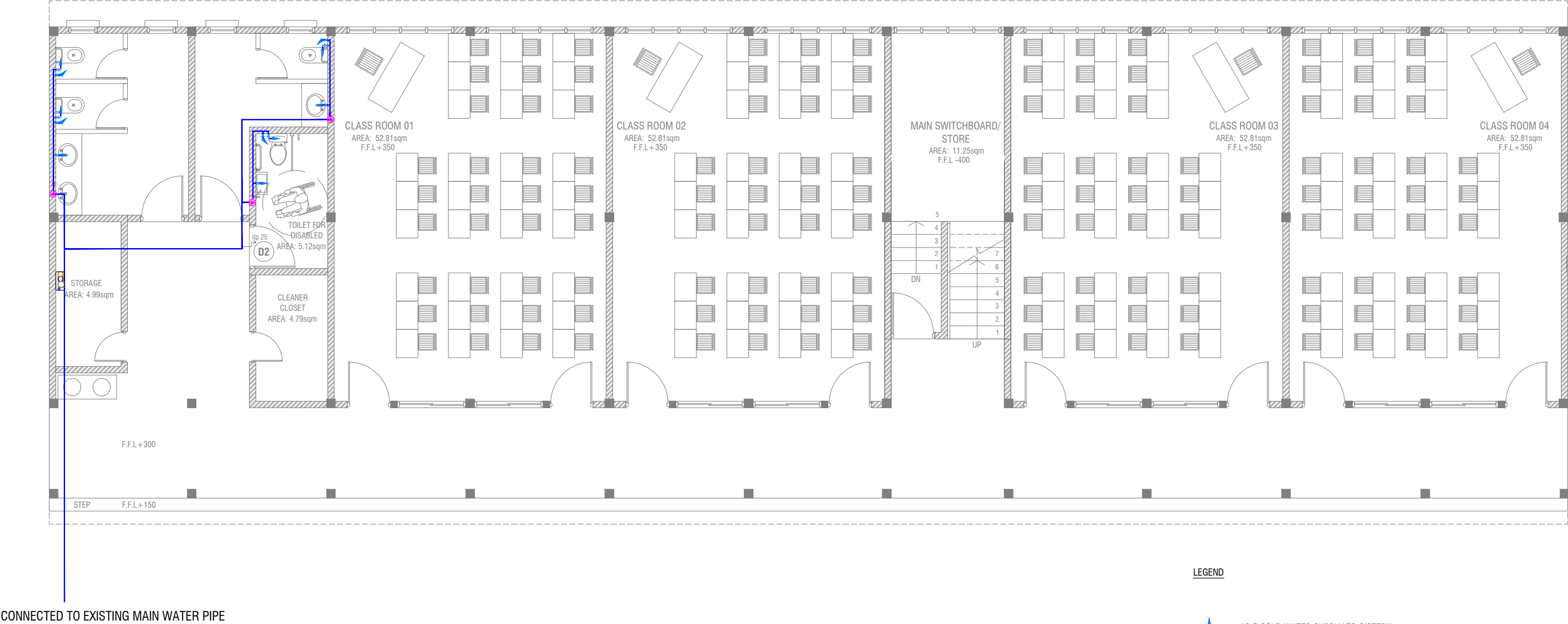
0 0.5 1 2 3 4 5

- 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

HDh.Vaikaradhoo School - 12 Classroom (03 Storey)
Client: Ministry of Education

Project Number: RI/2017/012
Date: May 2019
Architect: Razana Amir
Engineer: Ahmed Zuhair Zaem
Drawn by: Aishath Mohamed Rasheed

Rev no	Date
1	



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

HDh.Vaikaradhoo School - 12 Classroom (03 Storey)

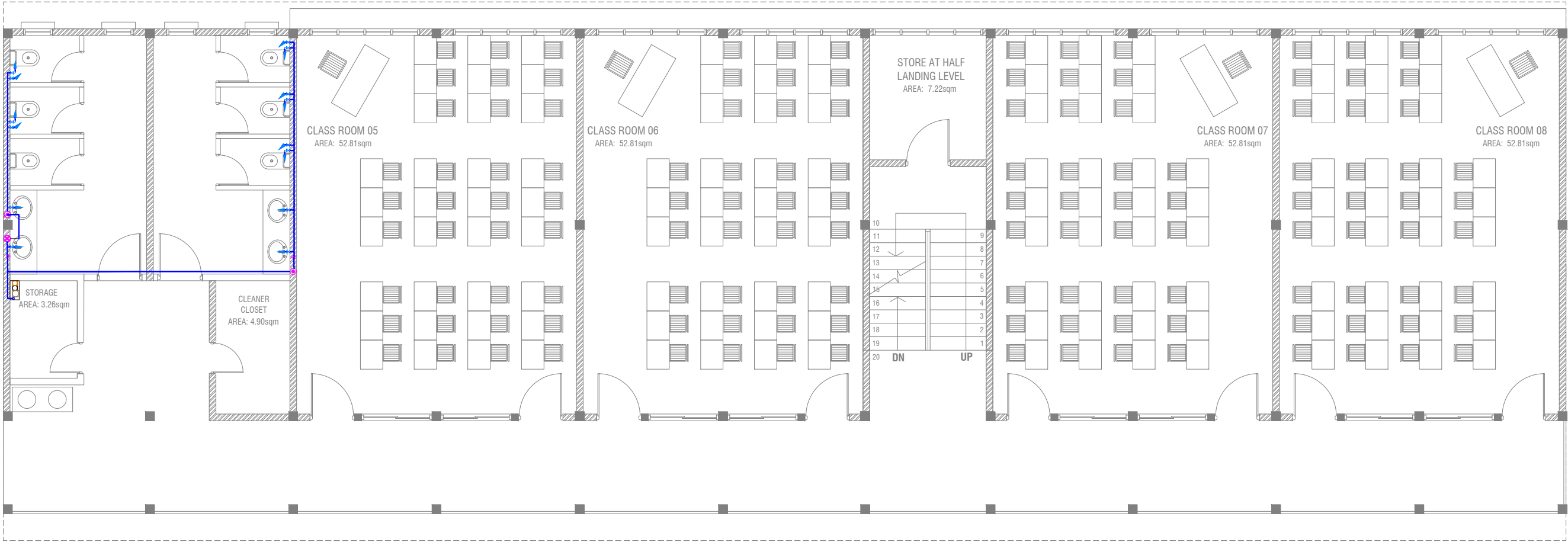
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Drawn by: Aishath Mohamed Rasheed

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Title: Ground Floor
Plumbing Layout
Page: PL 01-/02



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

FIRST - SECOND FLOOR PLUMBING LAYOUT

SCALE 1:100



HDh.Vaikaradhoo School - 12 Classroom (03 Storey)

Client: Ministry of Education

Project Number: RI/2017/012

Date: May 2019

Architect: Razana Anir

Engineer: Ahmed Zuhair Zaem

Drawn by: Aishath Mohamed Rasheed

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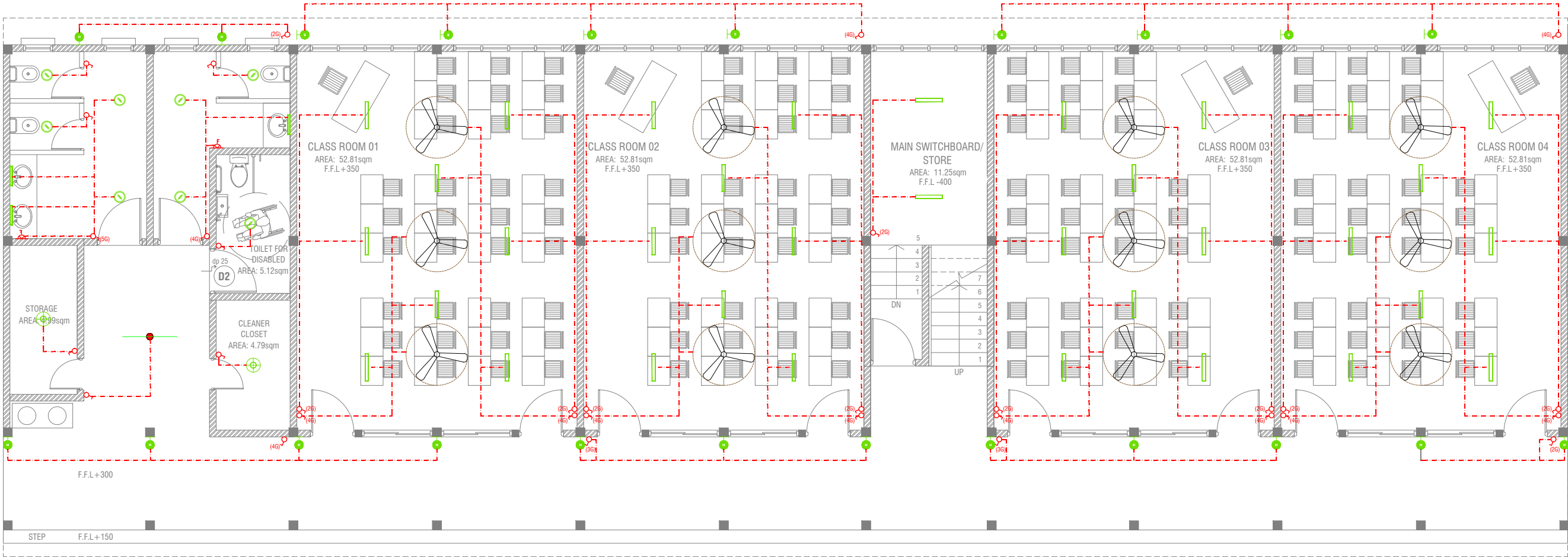
Date

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Title: First - Second Floor Plumbing Layout

Page: PL 02-/02











GROUND FLOOR LIGHTING LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5

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

HDh.Vaikaradhoo School - 12 Classroom (03 Storey)

Client: Ministry of Education

Project Number: RI/2017/012

Date: May 2019

Architect : Razana Amir

Engineer : Ahmed Zuhair Zaem

Drawn by : Aishath Mohamed Rasheed

Rev no

Date

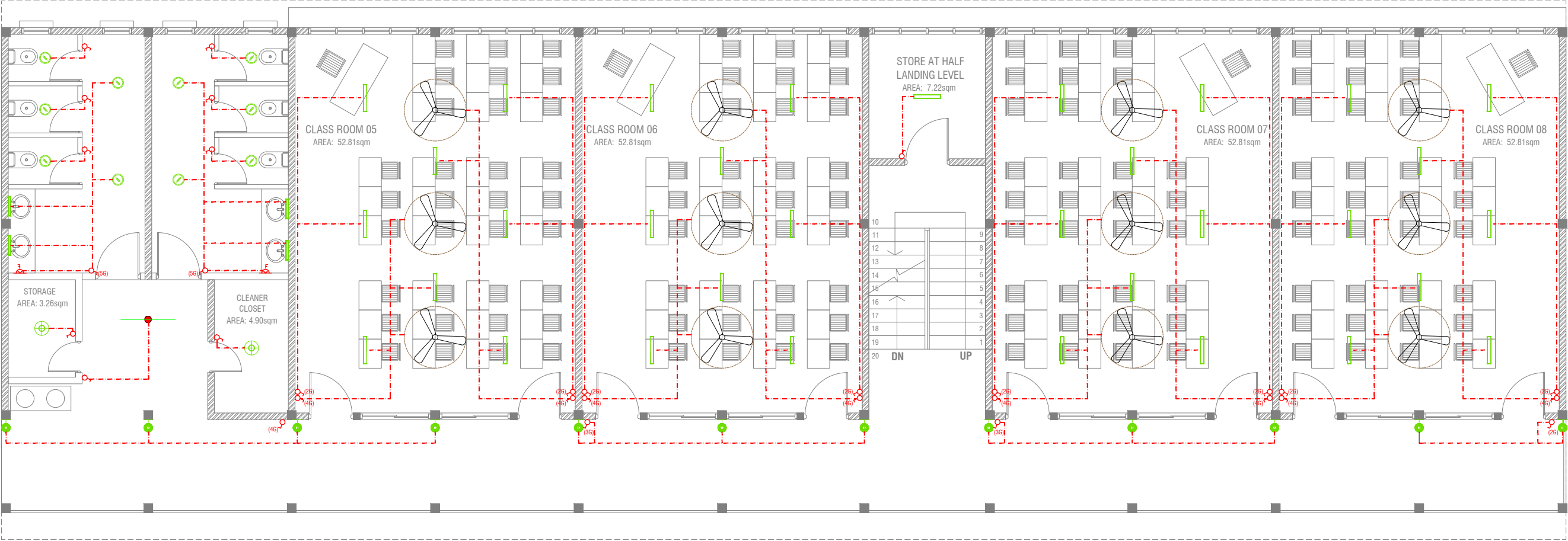


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Title: Ground Floor
Lighting Layout

Page: EL 01-02



FIRST - SECOND FLOOR LIGHTING LAYOUT



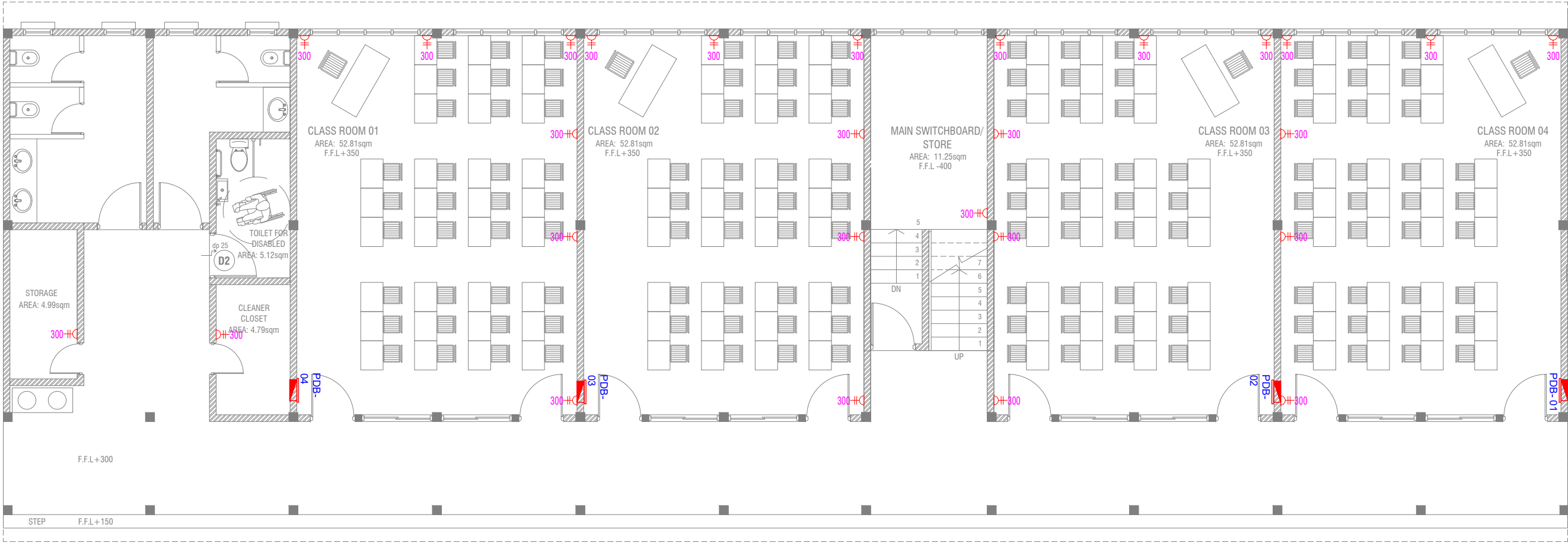
LEGEND

- 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

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



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

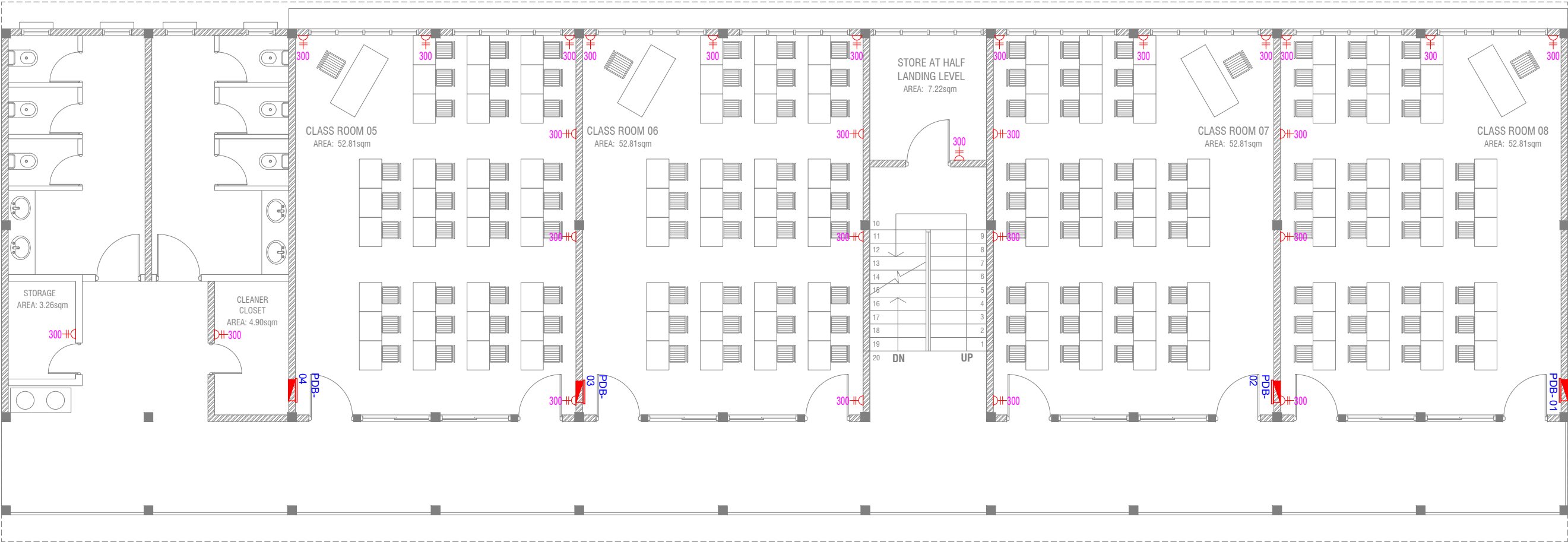
- HL. HIGH LEVEL
- WPE WEATHER PROOF POLYCARBONATE ENCLOSURE

ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

HDh.Vaikaradhoo School - 12 Classroom (03 Storey)

Client: Ministry of Education

Rev no	Date
1	2017/01/2
2	2017/01/2
3	2017/01/2
4	2017/01/2
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100	2017/01/2



FIRST - SECOND FLOOR POWER LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND

- PHONE EXTENSION
- COMPUTER NETWORK OUTLET (RJ 45 CONNECTORS)
- TELEPHONE OUTLET (RJ11, CONNECTOR)
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HL. HIGH LEVEL

WPE WEATHER PROOF POLYCARBONATE ENCLOSURE

ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

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Page: EP 02-02