

Proposed 06 Classroom Block at  
Irushadhiyya School, S.Maradhoo  
(02 Storey)

***SERVICES DRAWING***  
Client: Ministry of Education

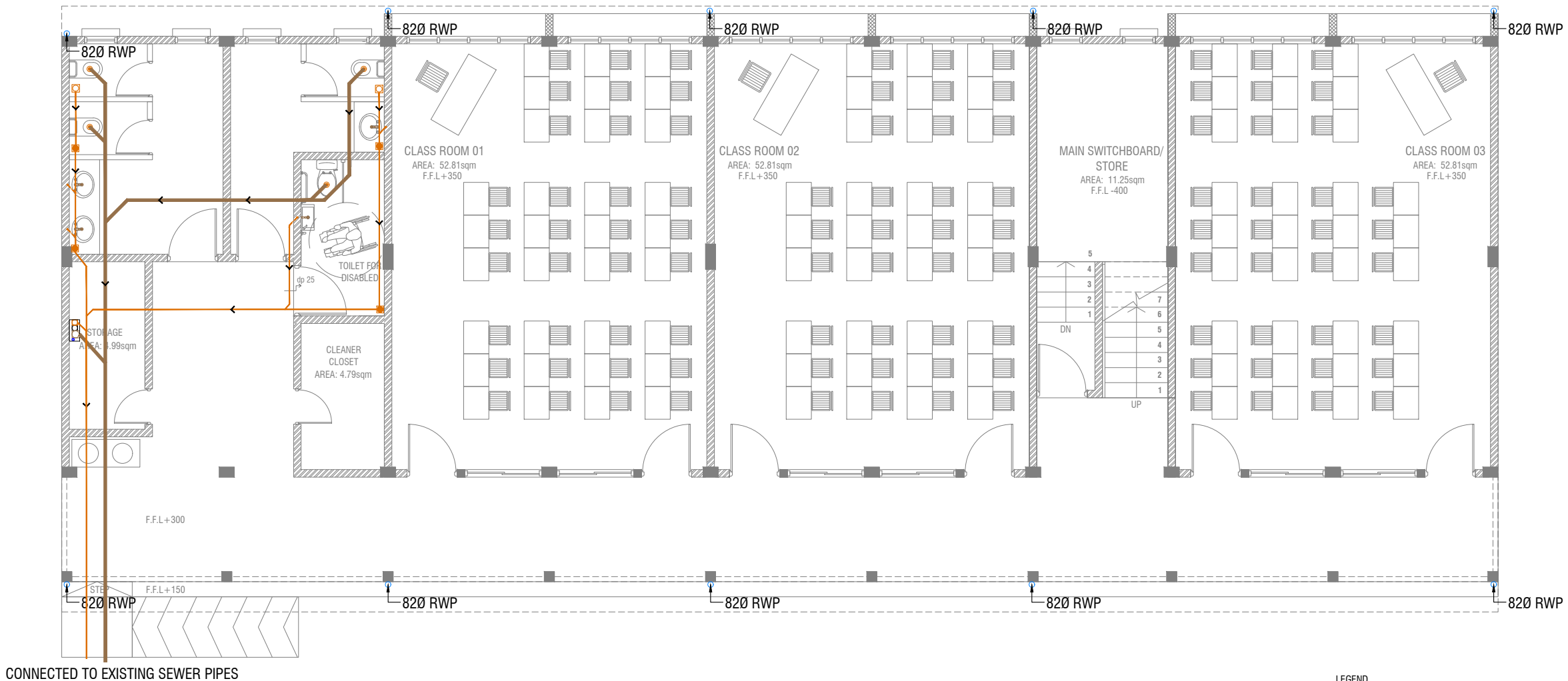


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3rd floor, H. Azum, Ammeenemagu, Male'

TABLE OF CONTENTS

DRAWING No.	TITLE	REVISION No.	DATE	REMARKS
A R C H I T E C T U R A L		---	---	---
DR - 01 /03	GROUND FLOOR DRAINAGE LAYOUT	---	---	---
DR - 02 /03	1ST FLOOR DRAINAGE LAYOUT	---	---	---
DR - 03 /03	ROOF DRAINAGE LAYOUT	---	---	---
PL - 01 / 02	GROUND FLOOR PLUMBING LAYOUT	---	---	---
PL - 02 / 02	1ST FLOOR PLUMBING LAYOUT	---	---	---
EL - 01 / 02	GROUND FLOOR LIGHTING LAYOUT	---	---	---
EL - 02 / 02	1ST FLOOR LIGHTING LAYOUT	---	---	---
EP - 01 / 02	GROUND FLOOR POWER LAYOUT	---	---	---
EP - 02 / 02	1ST FLOOR POWER LAYOUT	---	---	---



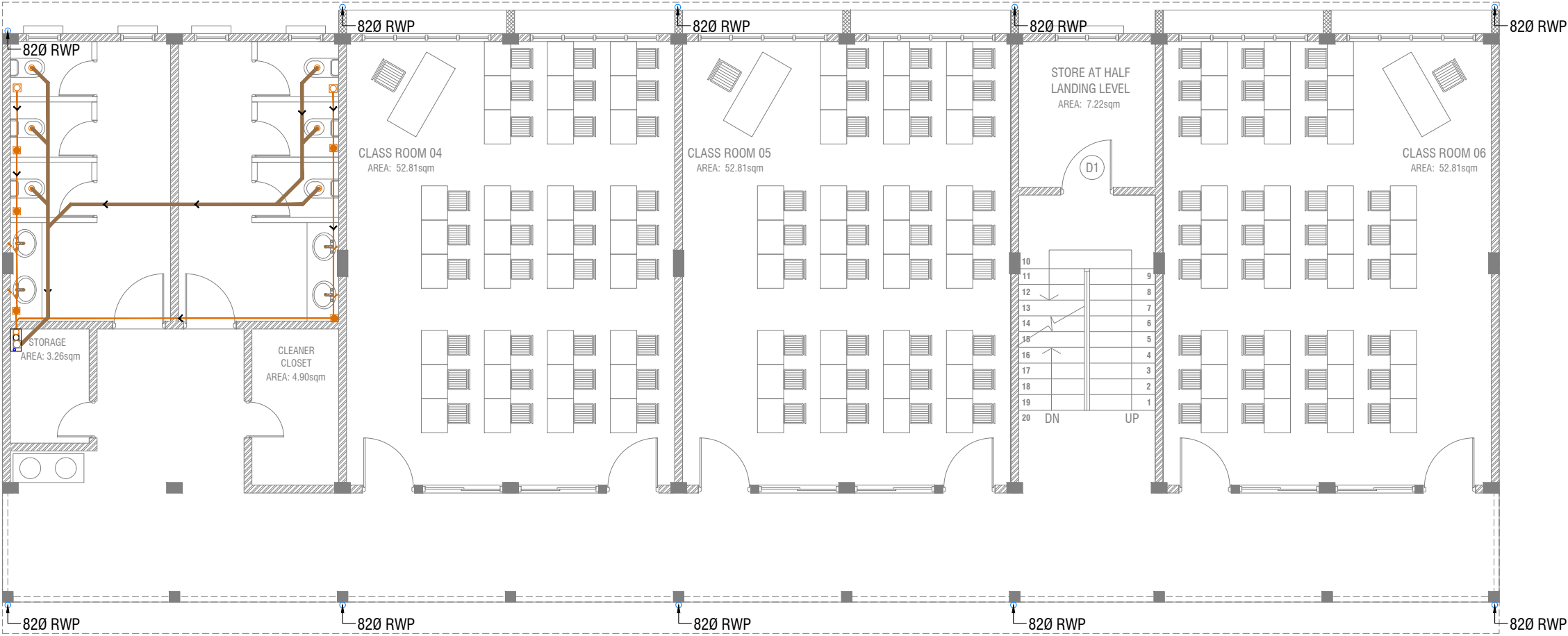
GROUND FLOOR DRAINAGE LAYOUT



- 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

Irushadhiyya School, S.Maradhoo - 06 Classroom (02 Storey)  
Client: Ministry of Education

Project Number: R/2017/012	Date: August 2019	Architect: Razana Amir	Engineer: Ahmed Zuhair Zaeem	Drawn by: Razana Amir	Services: Alshath Ahmed	Interior: -
Rev no	Date					
-	-	-	-	-	-	-



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
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Irushadhiyya School, S.Maradhoo - 06 Classroom (02 Storey)  
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Rev no	Date
1	2017/01/12
2	2017/01/12
3	2017/01/12
4	2017/01/12
5	2017/01/12
6	2017/01/12
7	2017/01/12
8	2017/01/12
9	2017/01/12
10	2017/01/12
11	2017/01/12
12	2017/01/12
13	2017/01/12
14	2017/01/12
15	2017/01/12
16	2017/01/12
17	2017/01/12
18	2017/01/12
19	2017/01/12
20	2017/01/12

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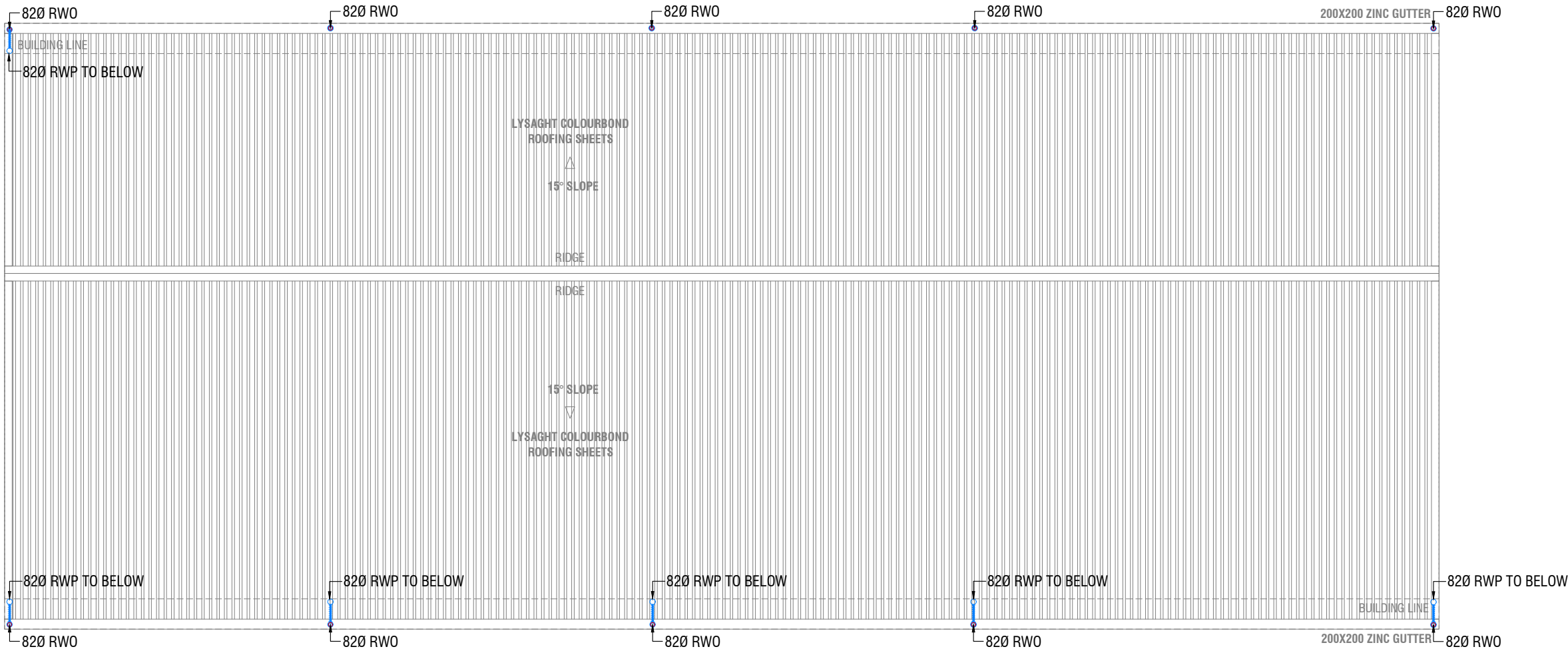
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3rd floor, H. Azum, Ameerineemogu, Male'

Title: First Floor  
Drainage Layout

Page: DR 02- 03

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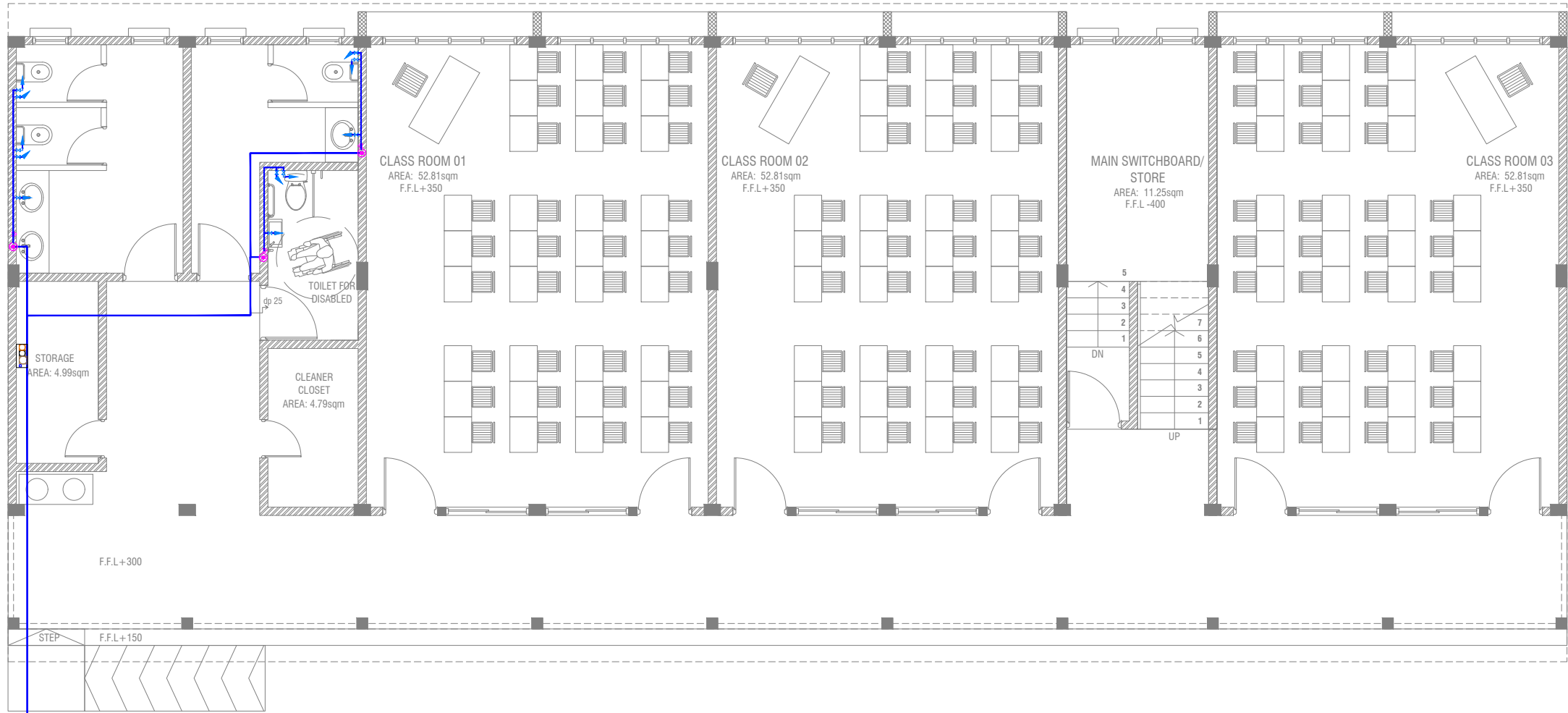
ROOF DRAINAGE LAYOUT



- 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

Irushadhiyya School, S.Maradhoo - 06 Classroom (02 Storey)  
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
Date: August 2019	--	-----
Architect : Razana Amir	--	-----
Engineer : Ahmed Zuhair Zaeem	--	-----
Drawn by : Razana Amir	--	-----
Services : Aishath Ahmed	--	-----
Interior : -	--	-----



CONNECTED TO EXISTING MAIN WATER PIPE

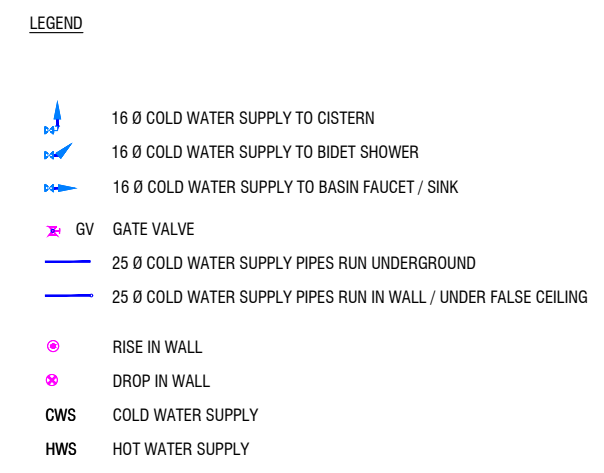
GROUND FLOOR PLUMBING LAYOUT



- 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

Irushadhiyya School, S.Maradhoo - 06 Classroom (02 Storey)  
Client: Ministry of Education

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

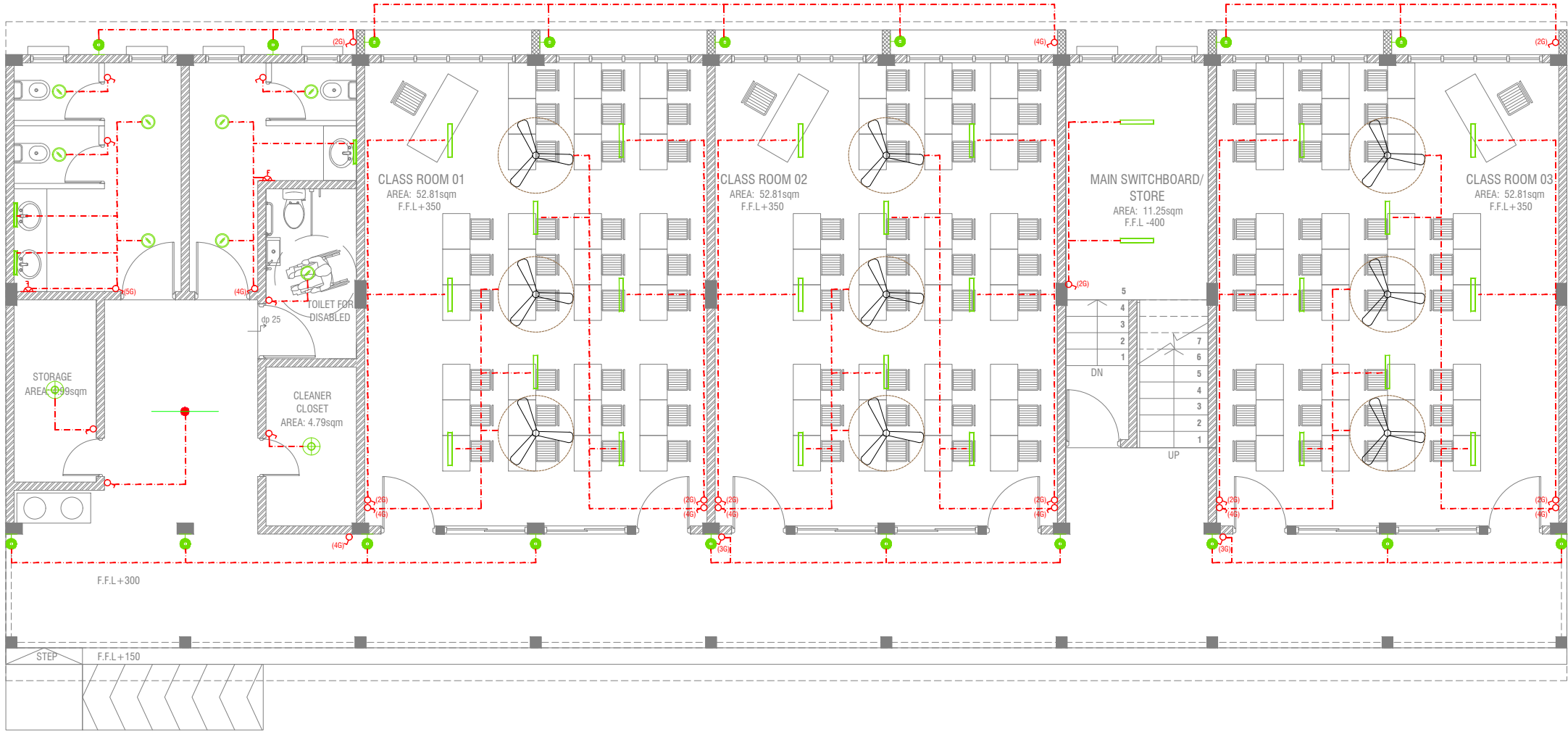


**SCALE 1:100**



0 0.5 1 2 3 4 5

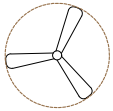
GROUND FLOOR LIGHTING LAYOUT



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

Irushadhiyya School, S.Maradhoo - 06 Classroom (02 Storey)  
Client: Ministry of Education

Project Number: RI/2017/012

Date: August 2019

Architect: Razana Amir

Engineer: Ahmed Zuhair Zaeem

Drawn by: Razana Amir

Services: Aishath Ahmed

Rev no

Date



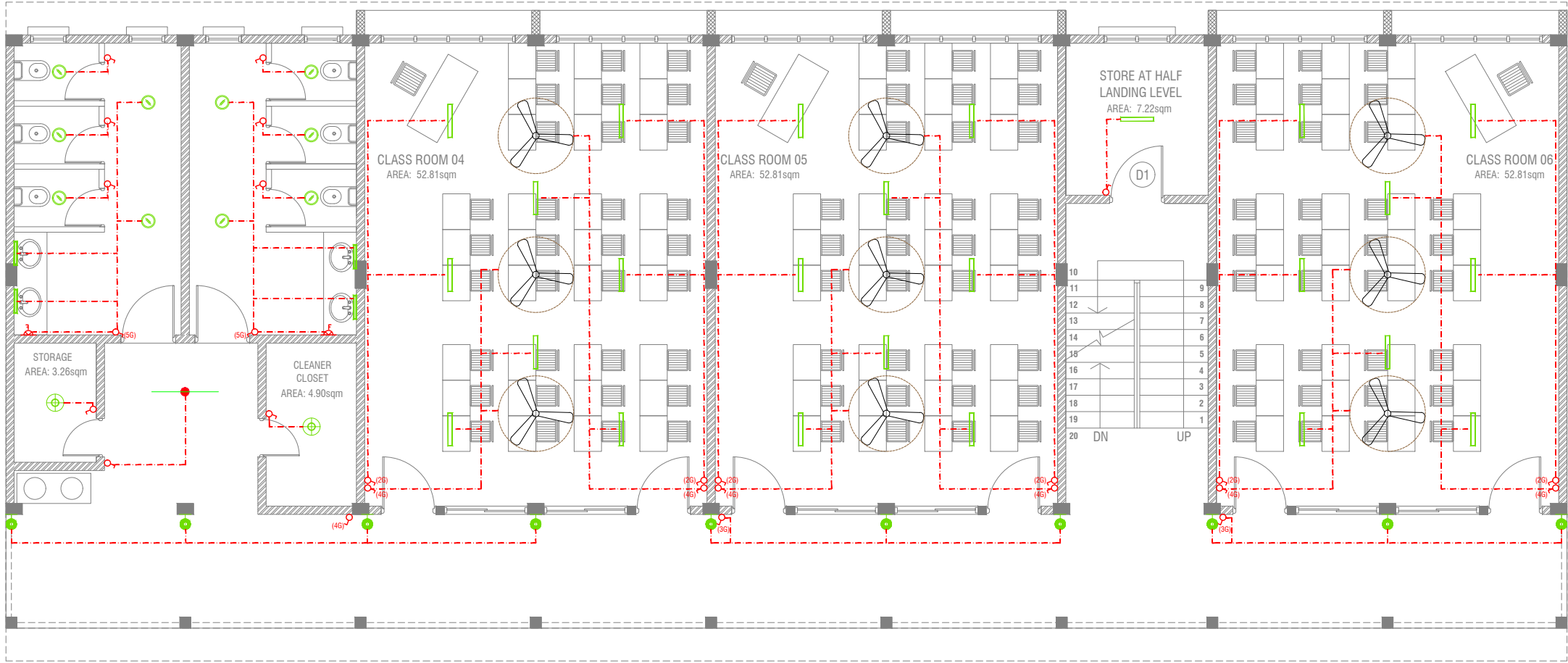
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3rd floor, H. Azum, Ameeremmagu, Male'

Title: Ground Floor  
Lighting Layout

Page: EL 01-02

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## FIRST FLOOR LIGHTING LAYOUT

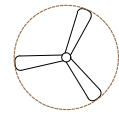
SCALE 1:100



### LEGEND

- WPD OUT DOOR WALL LIGHT
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Irushadhiyya School, S.Maradhoo - 06 Classroom (02 Storey)

Client: Ministry of Education

Project Number: RI/2017/012

Date: August 2019

Architect: Razana Amir

Engineer: Ahmed Zuhair Zaeem

Drawn by: Razana Amir

Services: Alshath Ahmed

Interior: -

Rev no

Date



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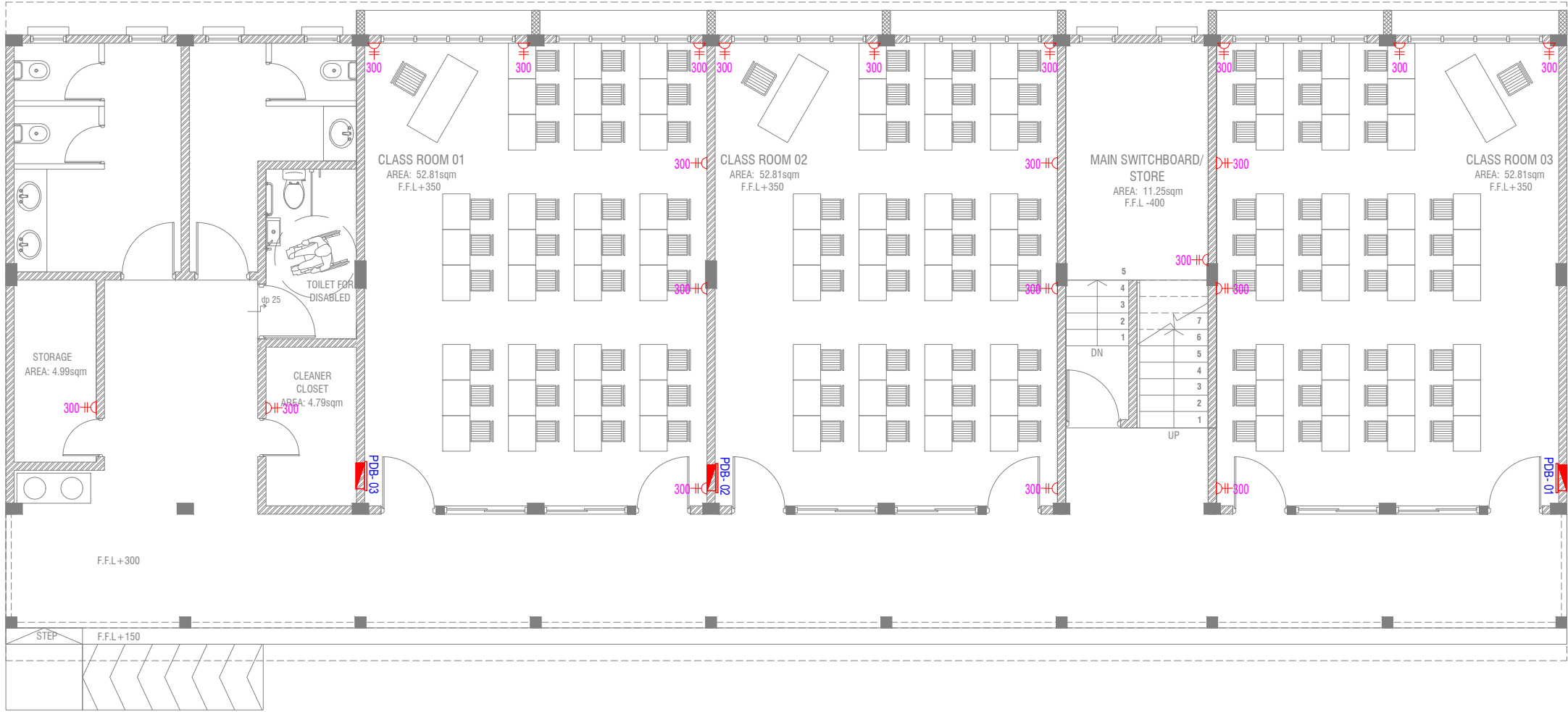
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Title: First Floor  
Lighting Layout

Page: EL 02-02

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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

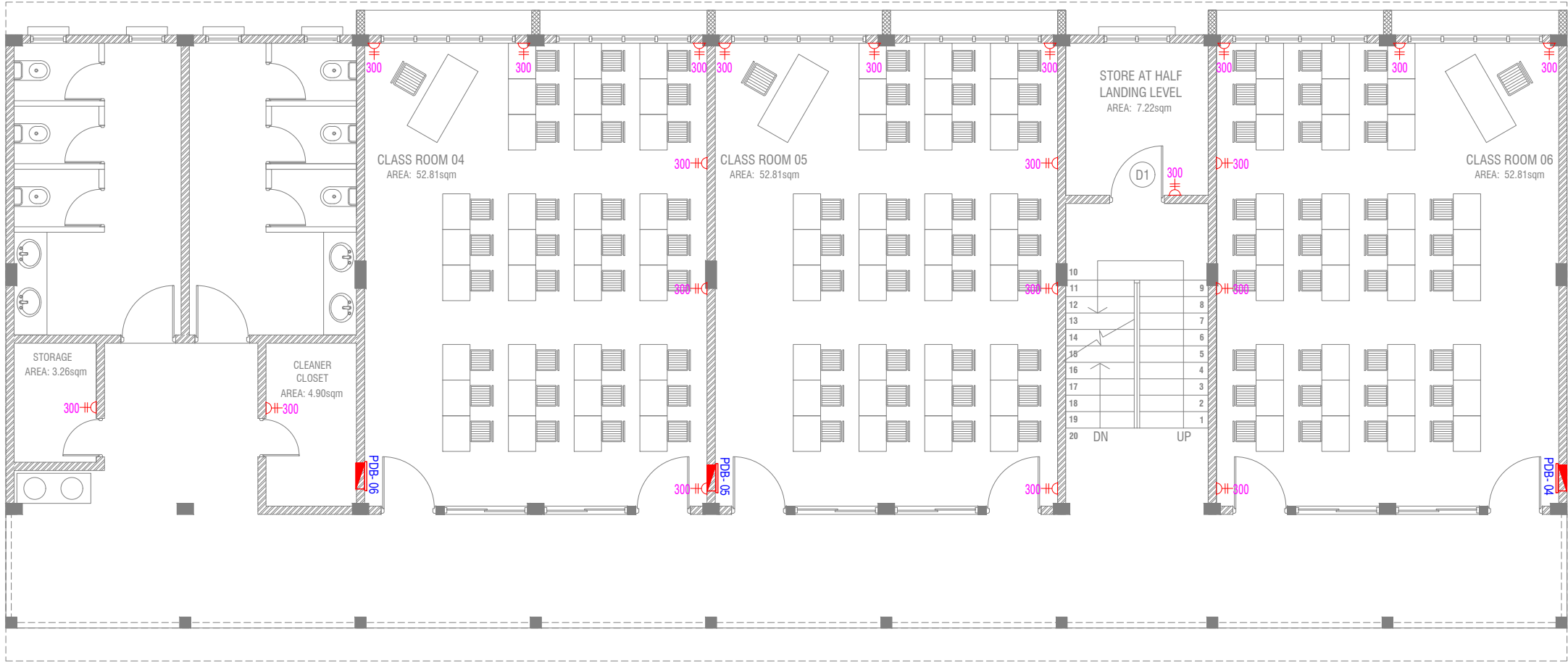
HL. HIGH LEVEL  
WPE WEATHER PROOF POLYCARBONATE ENCLOSURE  
ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

Irushadhiyya School, S.Maradhoo - 06 Classroom (02 Storey)  
Client: Ministry of Education

Rev no	Date
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Project Number: R/2017/012  
Date: August 2019  
Architect : Razana Amir  
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3rd floor, H. Azum, Ameeremmagu, Male'



FIRST FLOOR POWER LAYOUT



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