

Proposed 12 Classroom Block at
S.Maradhoo, Maradhoo Feydhoo
Irushadhiyya School
(04 Storey)

SERVICES DRAWING
Client: Ministry of Education



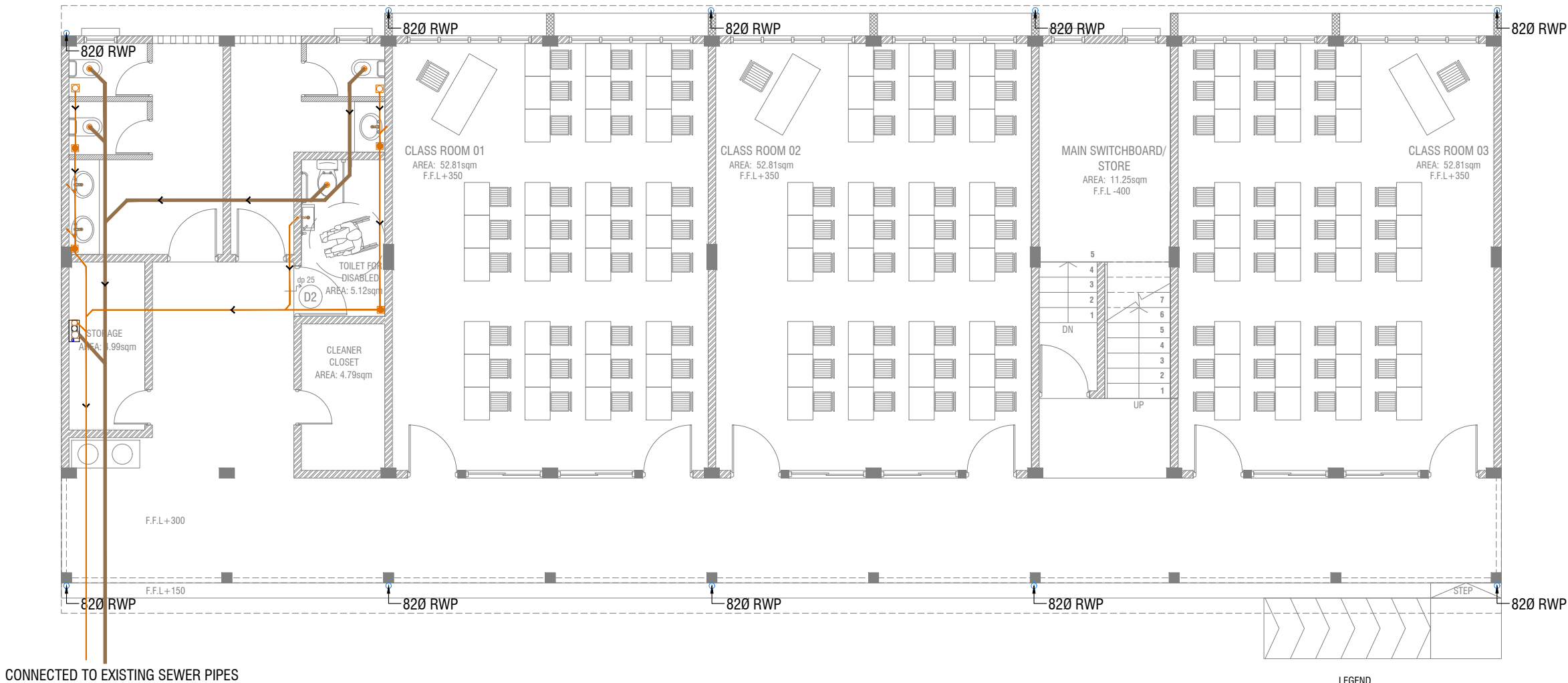
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t : +9603315049 f : +9603310776
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3rd floor, H. Azum, Ameeleemagu, Male'

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CONNECTED TO EXISTING SEWER PIPES

GROUND FLOOR DRAINAGE LAYOUT

SCALE 1:100



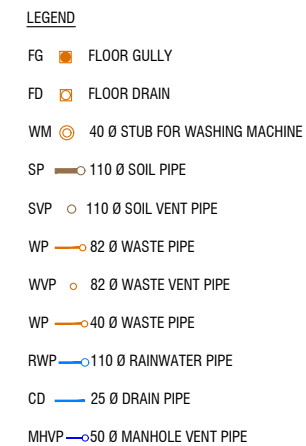
LEGEND

- 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

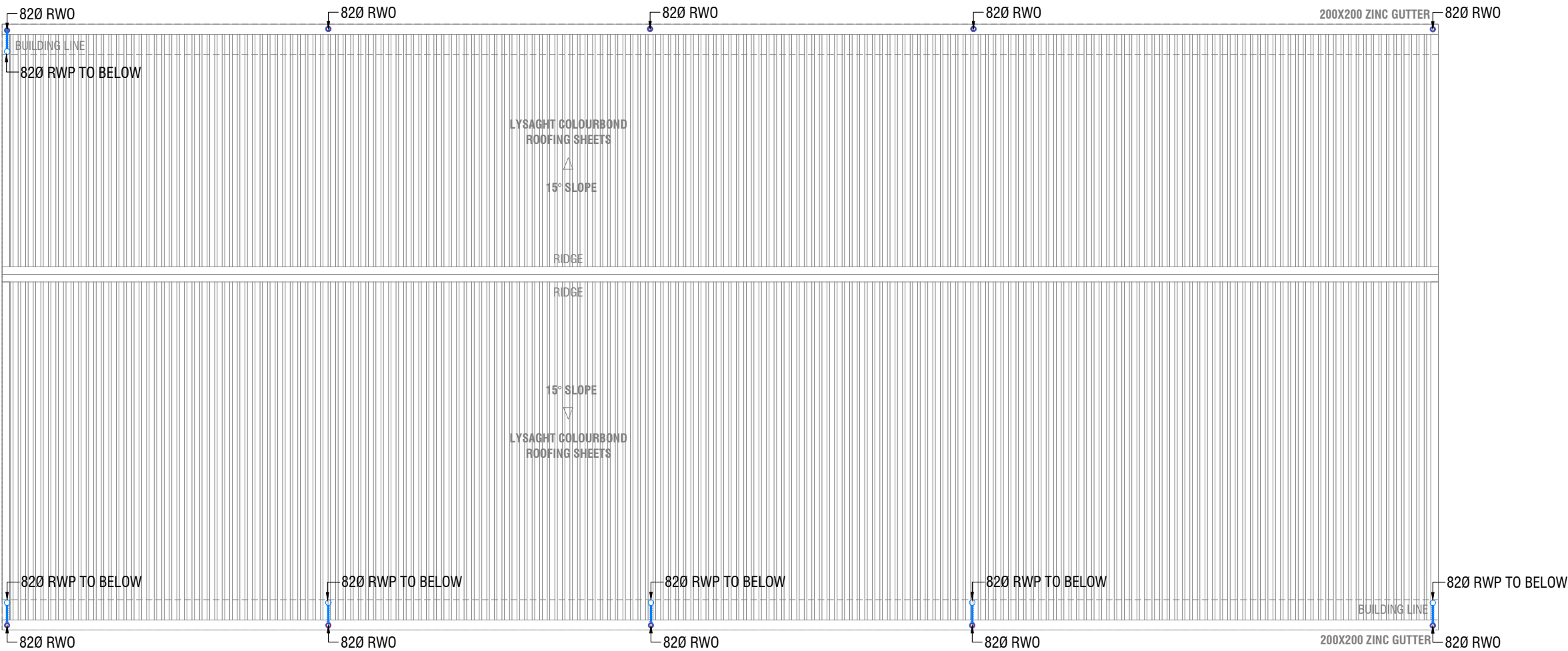
S. Maradhoo, Maradhoo Feydhoo
Irushadhiyya School - 12 Classroom (04 Storey)
Client: Ministry of Education

Rev no	Date
1	1
2	2
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4	4
5	5

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














SCALE 1:100



ROOF DRAINAGE LAYOUT

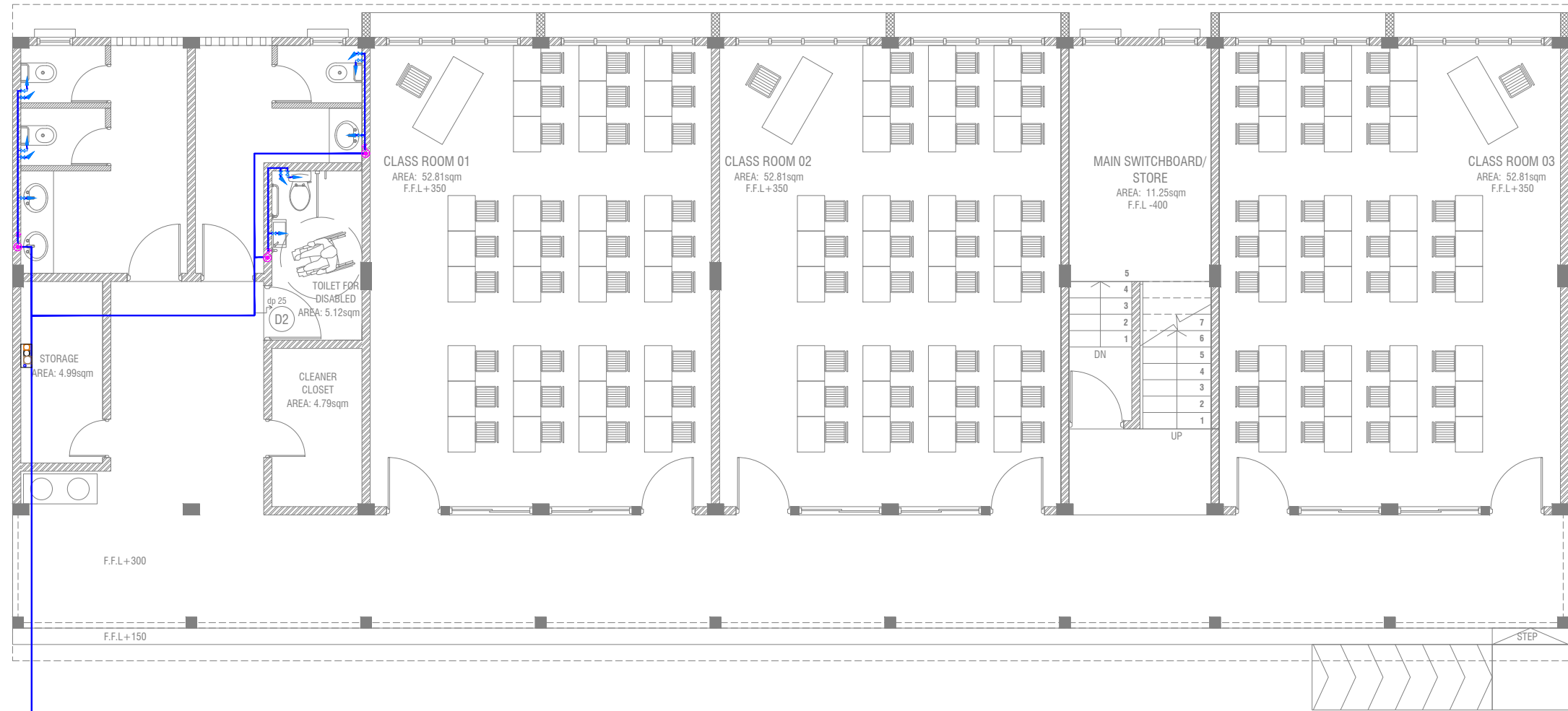


- LEGEND**
- FG  FLOOR GULLY
 - FD  FLOOR DRAIN
 - WM  40 Ø STUB FOR WASHING MACHINE
 - SP  110 Ø SOIL PIPE
 - SVP  110 Ø SOIL VENT PIPE
 - WP  82 Ø WASTE PIPE
 - WVP  82 Ø WASTE VENT PIPE
 - WP  40 Ø WASTE PIPE
 - RWP  110 Ø RAINWATER PIPE
 - CD  25 Ø DRAIN PIPE
 - MHVP  50 Ø MANHOLE VENT PIPE

S.Maradhoo, Maradhoo Feydhoo
Irushadhiyya School - 12 Classroom (04 Storey)
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Project Number: RI/2017/012
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Architect: Razana Amir
Engineer: Ahmed Zuhair Zaeem
Drawn by: Razana Amir
Services: Aishath Ahmed



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

S. Maradhoo, Maradhoo Feydhoo
Irushadhiyya School - 12 Classroom (04 Storey)
Client: Ministry of Education

Project Number: RI/2017/012

Date: July 2019

Architect : Razana Amir

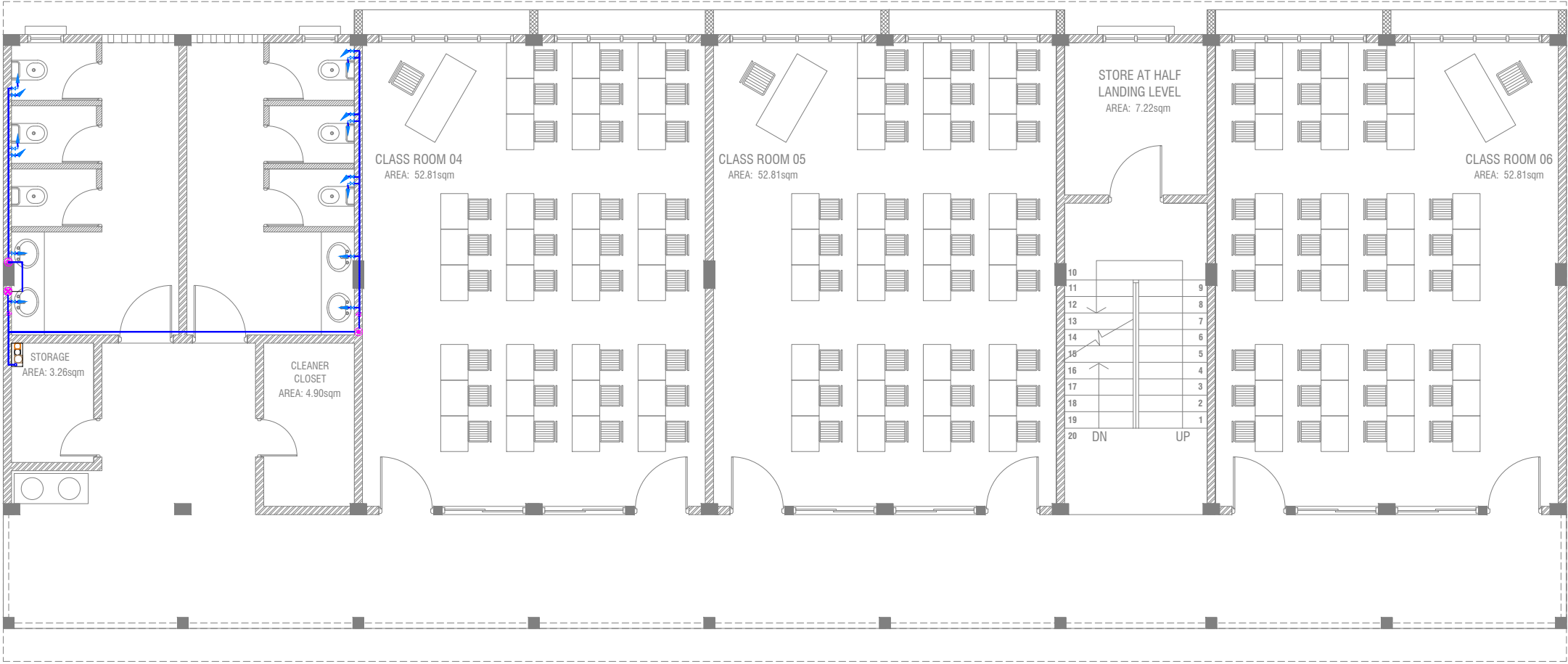
Engineer : Ahmed Zuhair Zaeem

Drawn by : Razana Amir

Services : Aishath Ahmed

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Date



FIRST - THIRD FLOOR PLUMBING LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5

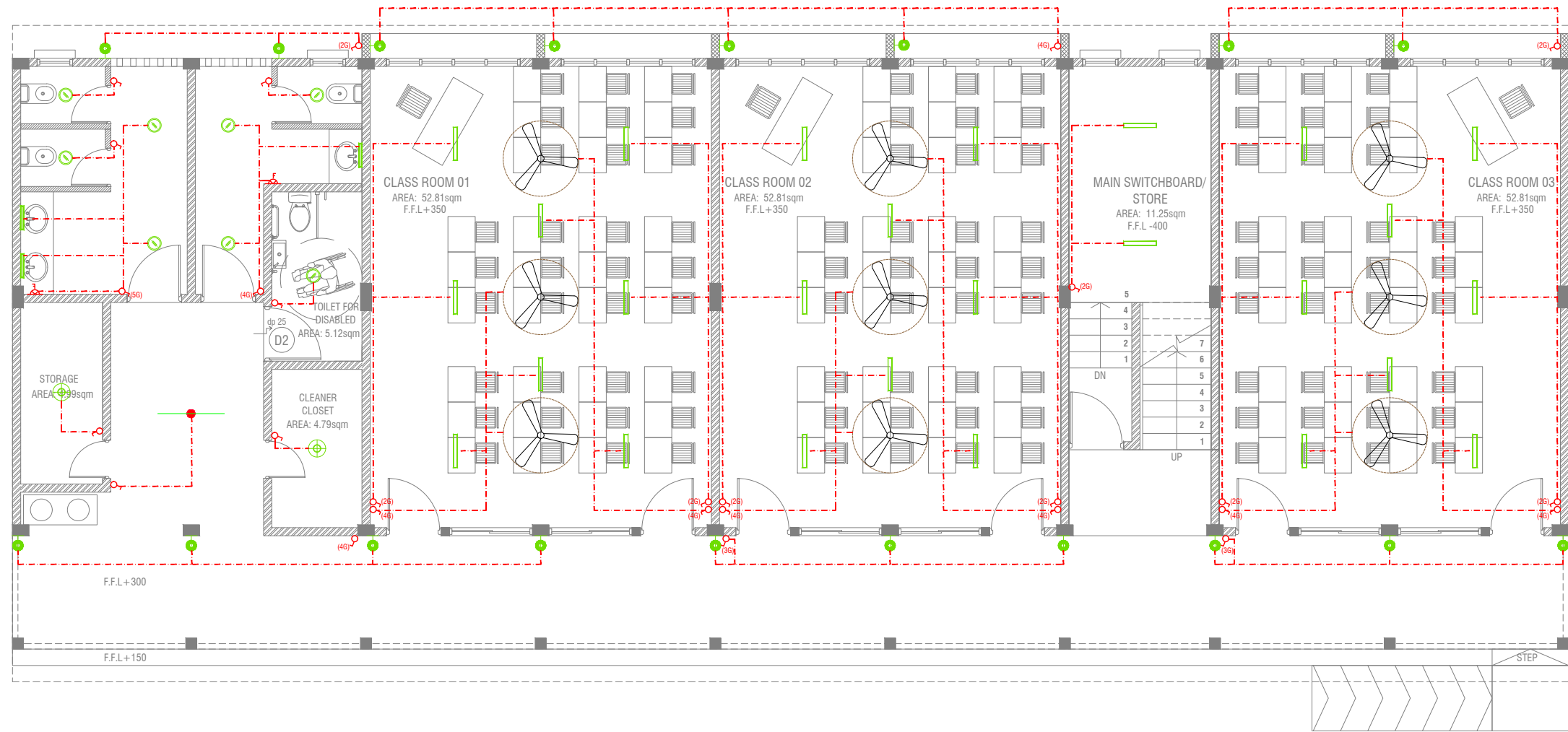
LEGEND

- 16 Ø COLD WATER SUPPLY TO CISTERN
- 16 Ø COLD WATER SUPPLY TO BIDET SHOWER
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S. Maradhoo, Maradhoo Feydhoo
Irushadhiyya School - 12 Classroom (04 Storey)
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Rev no	Date
1	2017/07/02
2	2017/07/02
3	2017/07/02
4	2017/07/02
5	2017/07/02

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



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



NOTE:

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

S. Maradhoo, Maradhoo Feydhoo
Irushadhiyya School - 12 Classroom (04 Storey)
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Rev no	Date
1	
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4	

Project Number: RI/2017/012
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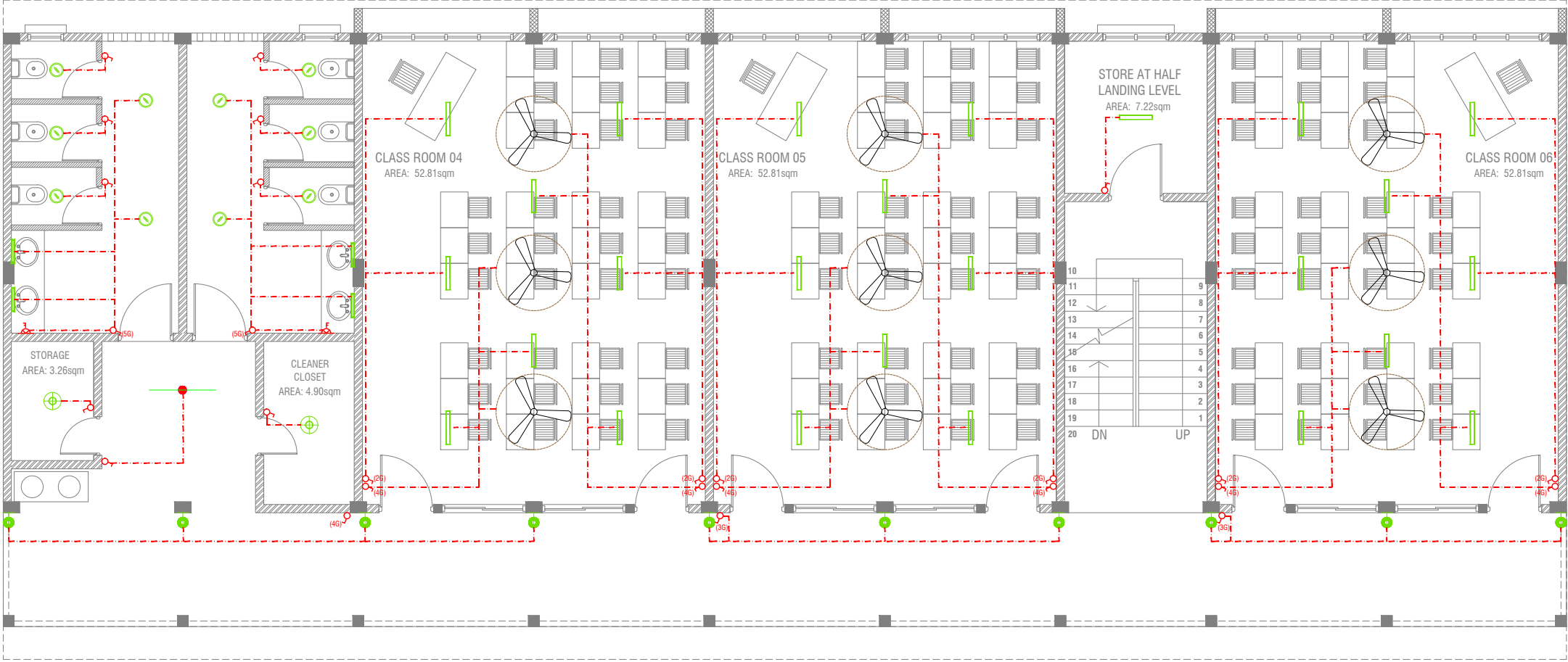


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Title: Ground Floor
Lighting Layout

Page: EL 01-02



FIRST - THIRD 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

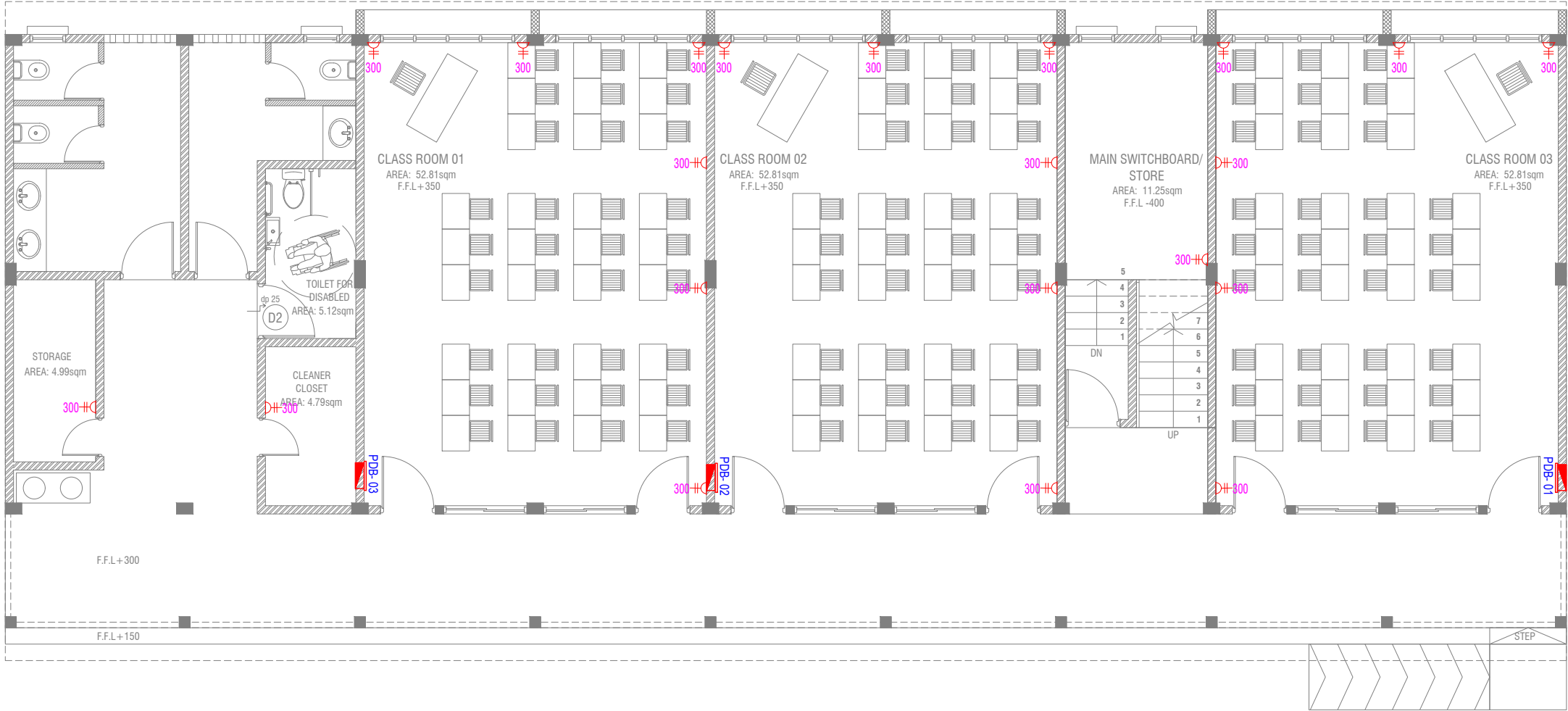


NOTE:

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- SWITCH CONTROL = 1200MM FROM FLOOR FIN. LEVEL
- ALL LIGHTING POINTS CONNECTED TO THEIR RESPECTIVE DB

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1	
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4	



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

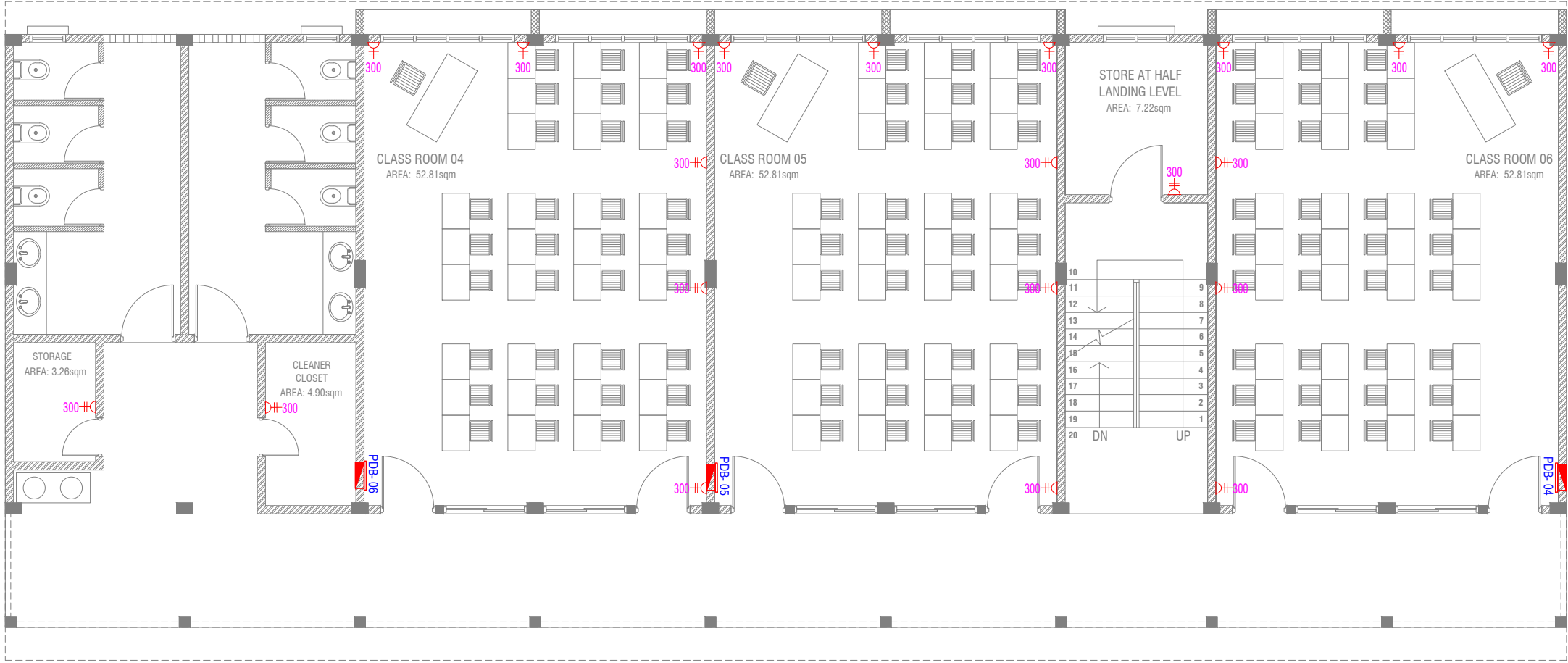
HL. HIGH LEVEL
WPE WEATHER PROOF POLYCARBONATE ENCLOSURE
ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

GROUND FLOOR POWER LAYOUT



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LEGEND

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- TELEPHONE OUTLET (RJ11, CONNECTOR)
- 13A POWER OUTLET
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HL. HIGH LEVEL

WPE WEATHER PROOF POLYCARBONATE ENCLOSURE

ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

FIRST - THIRD FLOOR POWER LAYOUT

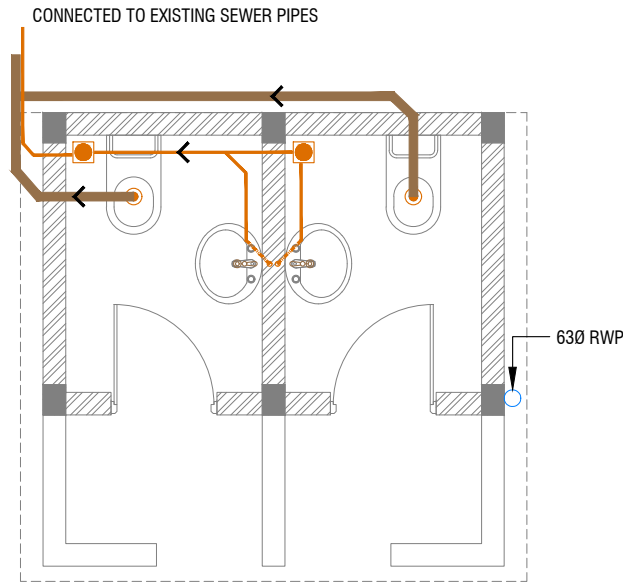
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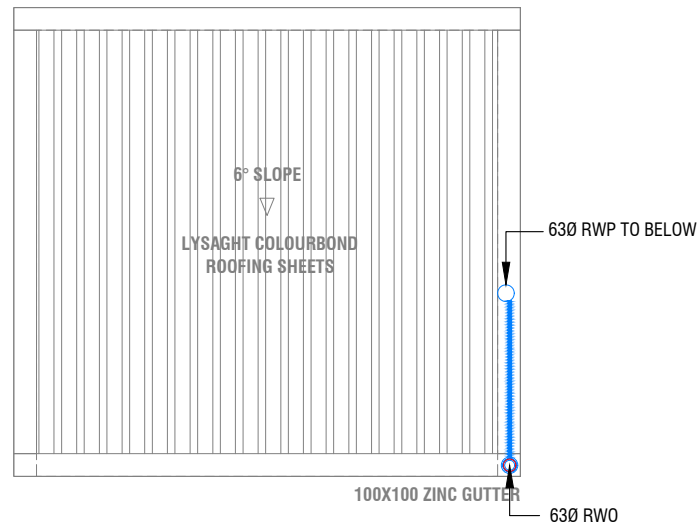
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Irushadhiyya School - 12 Classroom (04 Storey)
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Rev no	Date
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2	10/07/2017
3	10/07/2017
4	10/07/2017
5	10/07/2017

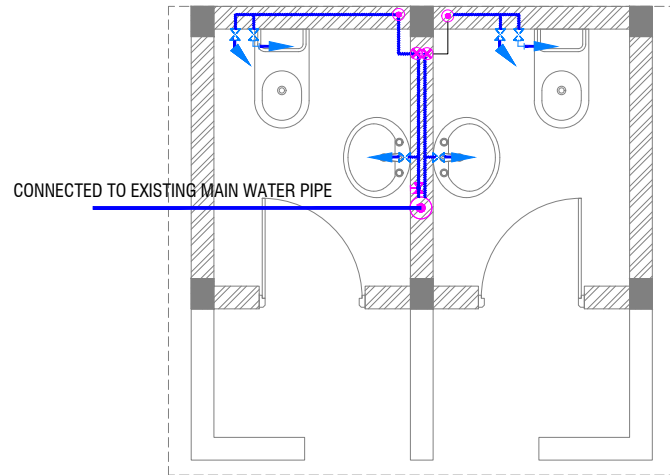
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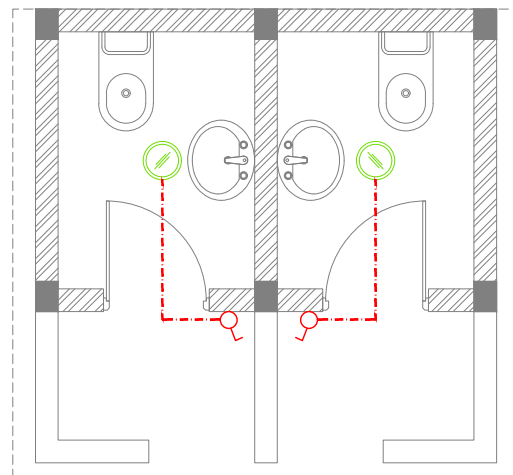
DRAINAGE LAYOUT



ROOF DRAINAGE LAYOUT



















PLUMBING LAYOUT




LIGHTING LAYOUT

LEGEND

- FG  FLOOR GULLY
- SP  110 Ø SOIL PIPE
- WP  82 Ø WASTE PIPE
- WP  40 Ø WASTE PIPE
- RWP  110 Ø RAINWATER PIPE
-  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
- H2  RECESSED DOWN LIGHT 12W
-  LIGHT SWITCH
-  SWITCHING LINE

TEMPORARY TOILET SERVICES

SCALE 1:50



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Services: Alsiath Ahmed

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Title: Temporary Toilet Services

Page: SC 01-01

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