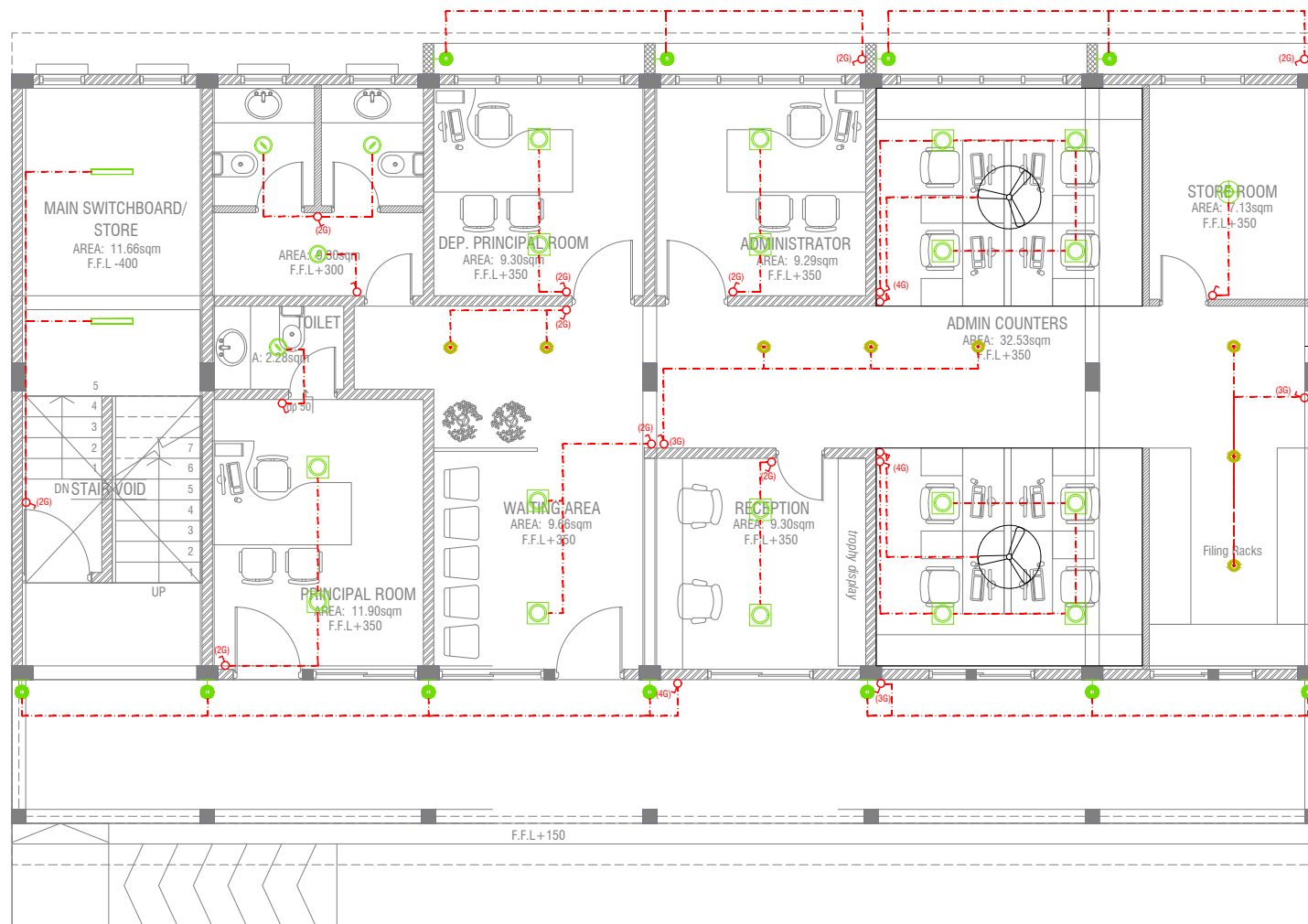


Proposed Office Building  
GDh.Gadhoo School  
(02 Storey)  
Services Drawings

*ARCHITECTURAL & STRUCTURAL DRAWINGS*  
Client: Ministry of Education



RIYAN PRIVATE LIMITED



- 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)
  - S LIGHT SWITCH
  - SWITCHING LINE
  - CL1 CEILING LIGHT 12W LED
  - CRL1 RECESSED DOWN LIGHT 8 (TOILETS)
  - 2 X 4' FLUORESCENT LIGHT WITH OPAL CASING
  - CEILING FAN (32" - 36")
  - 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

## GROUND FLOOR LIGHTING LAYOUT

SCALE 1:100



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3rd floor, H. Azumi, Amineemoggu, Male'

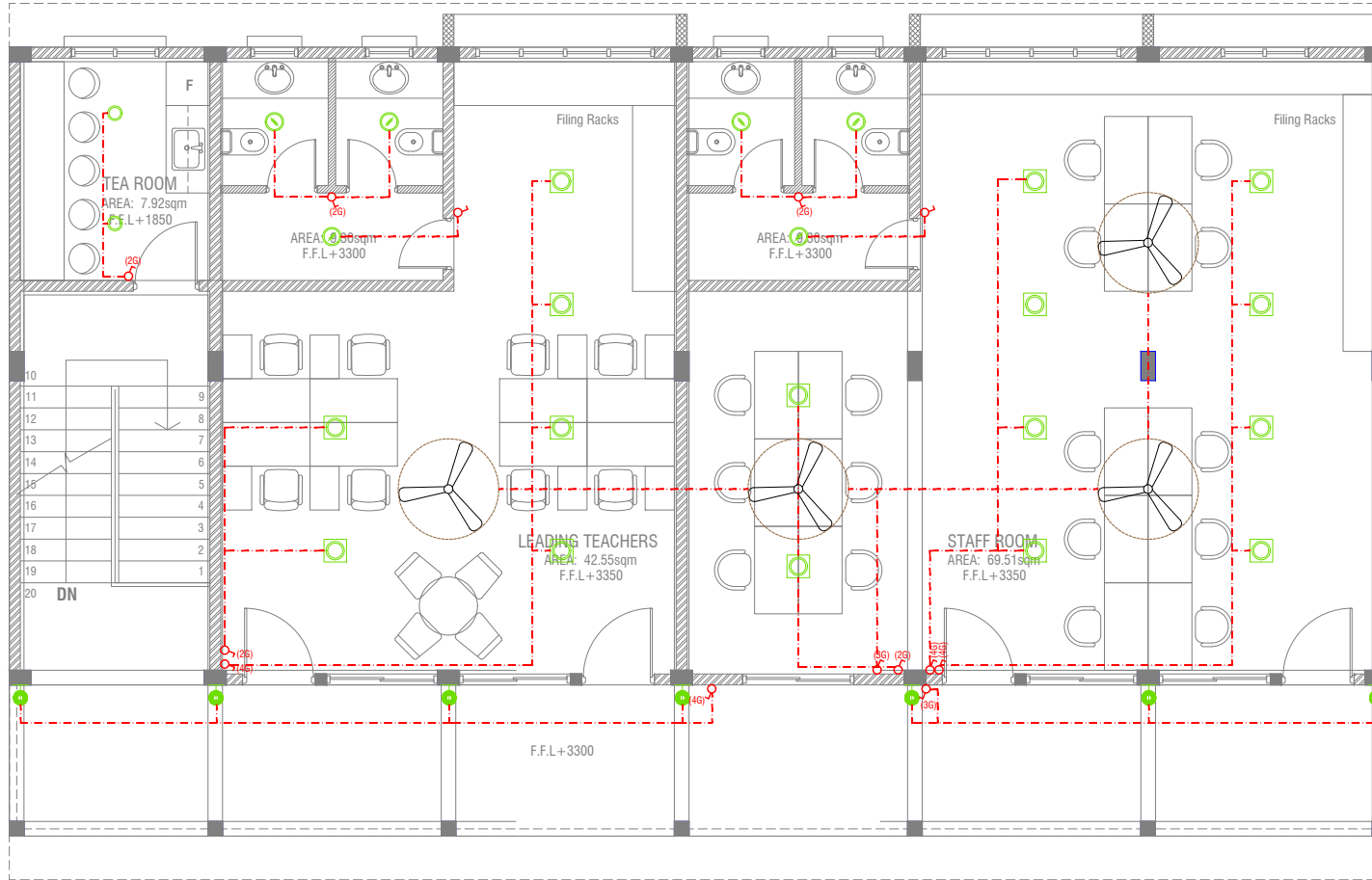
GDh.Gadhoo School - Office Building (02 Storey)  
Client: Ministry of Education

Project Number: RI/2017/012  
Date: September 2019  
Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem  
Drawn by : Razana Amir  
Services : Aishath Ahmed  
Interior : -

Rev no	Date
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Title: Ground floor lighting layout

Page: EL-01/02



**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

CL1 CEILING LIGHT 12W LED

CRL1 RECESSED DOWN LIGHT 8 (TOILETS)

2 X 4' FLUORESCENT LIGHT WITH OPAL CASING

CEILING FAN (32" - 36")

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

## FIRST FLOOR LIGHTING LAYOUT

SCALE 1:100



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Date: September 2019

Architect : Razana Amir

Engineer : Ahmed Zuhail Zaeem

Drawn by : Razana Amir

Services : Aishath Ahmed

Interior : -

Rev no Date

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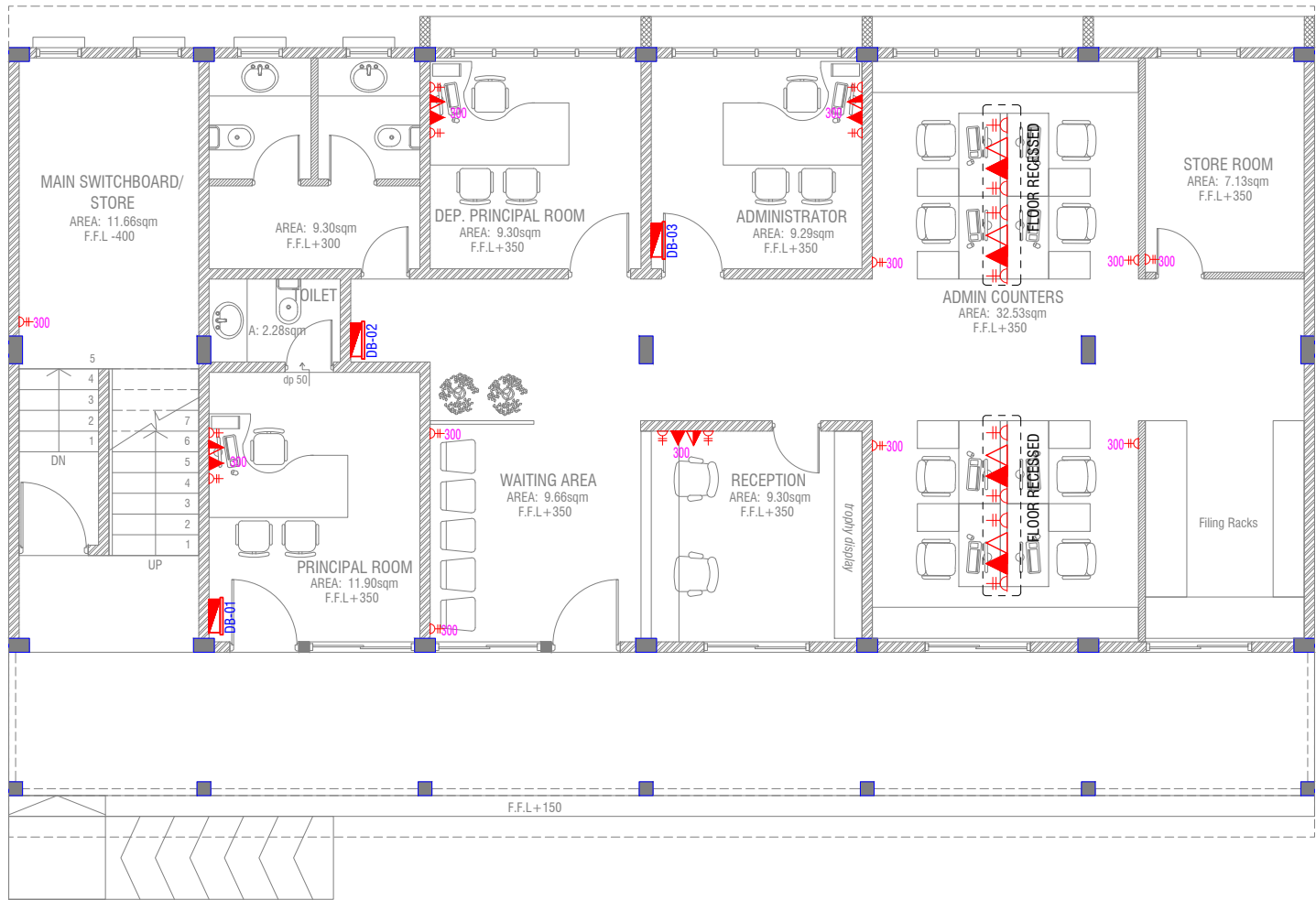
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Title:First floor lighting layout

Page: EL-02/02



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

SCALE 1:100



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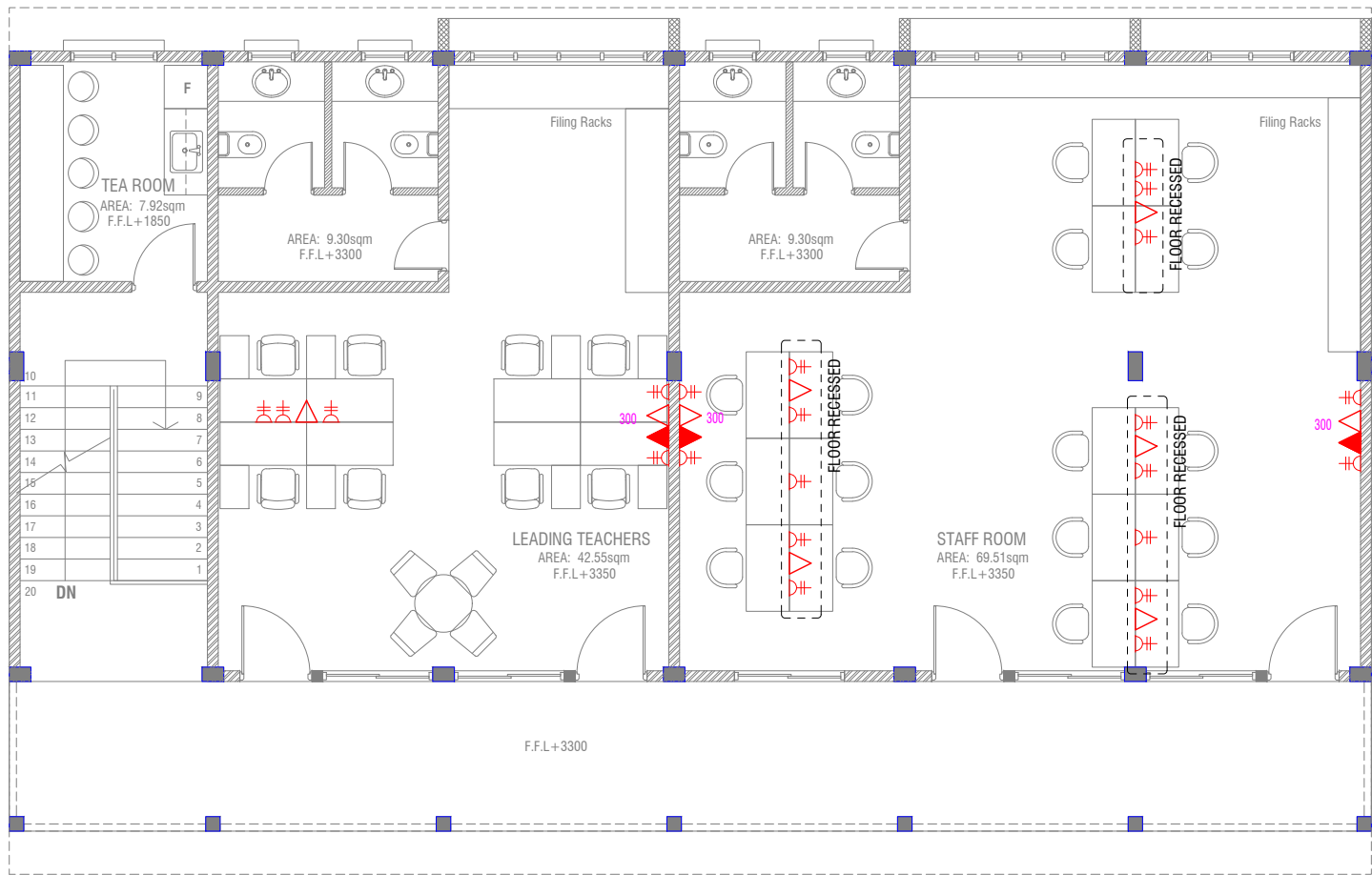
GDh.Gadhoo School - Office Building (02 Storey)  
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Project Number: RI/2017/012  
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Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem  
Drawn by : Razana Amir  
Services : Aishath Ahmed  
Interior : -

Rev no	Date
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Title: Ground floor power layout

Page: EP-01/02



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
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- 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

FIRST FLOOR POWER LAYOUT

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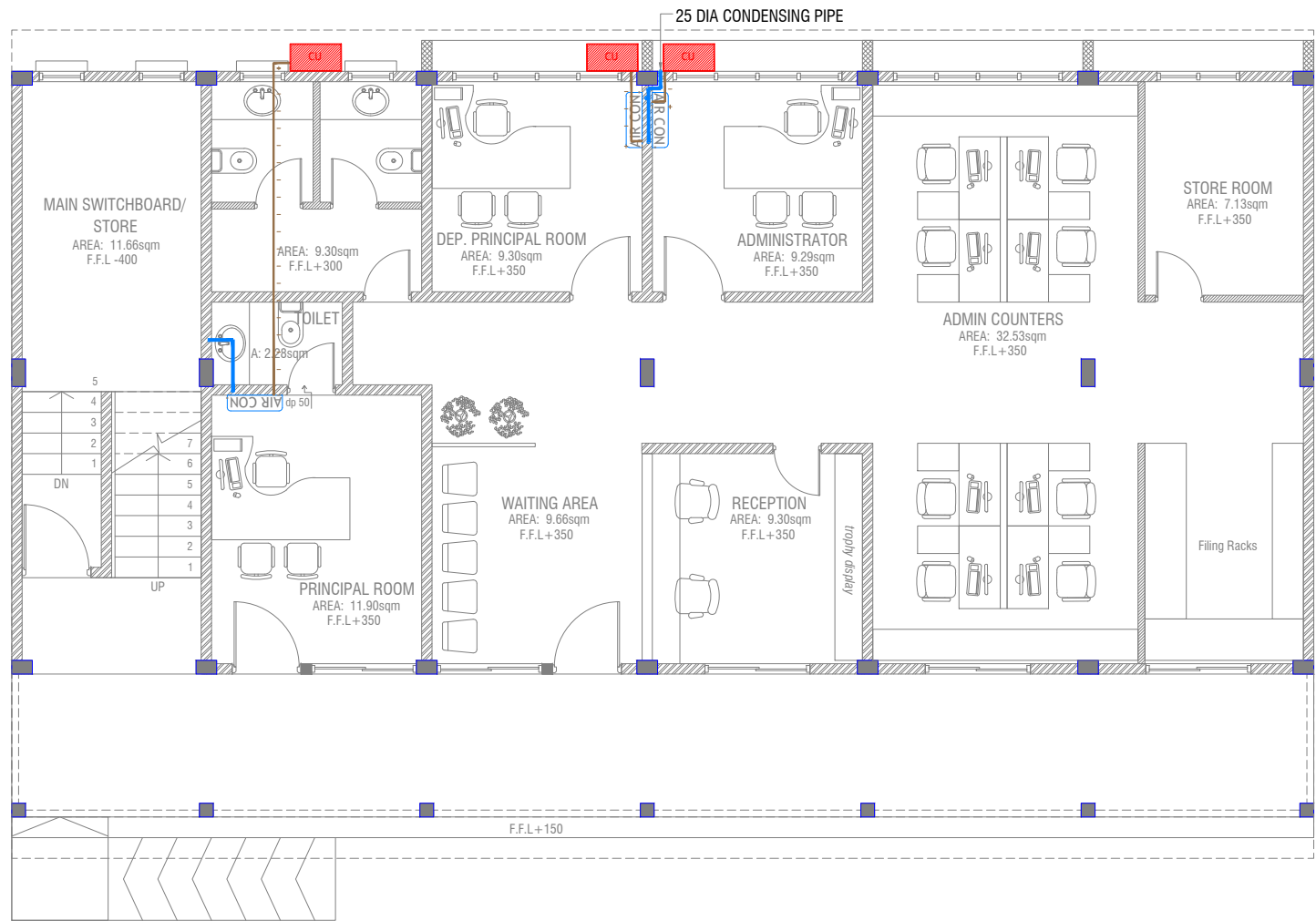
GDh.Gadhoo School - Office Building (02 Storey)  
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Drawn by : Razana Amir  
Services : Aishath Ahmed  
Interior : -

Rev no	Date
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Title:First floor power layout

Page:EP-02/02



**LEGEND**

- REFRIGERANT PIPES
- 25 Ø CONDENSATE DRAIN PIPE
- CU
- CONDENSING UNIT

**GROUND FLOOR ACV LAYOUT**

SCALE 1:100



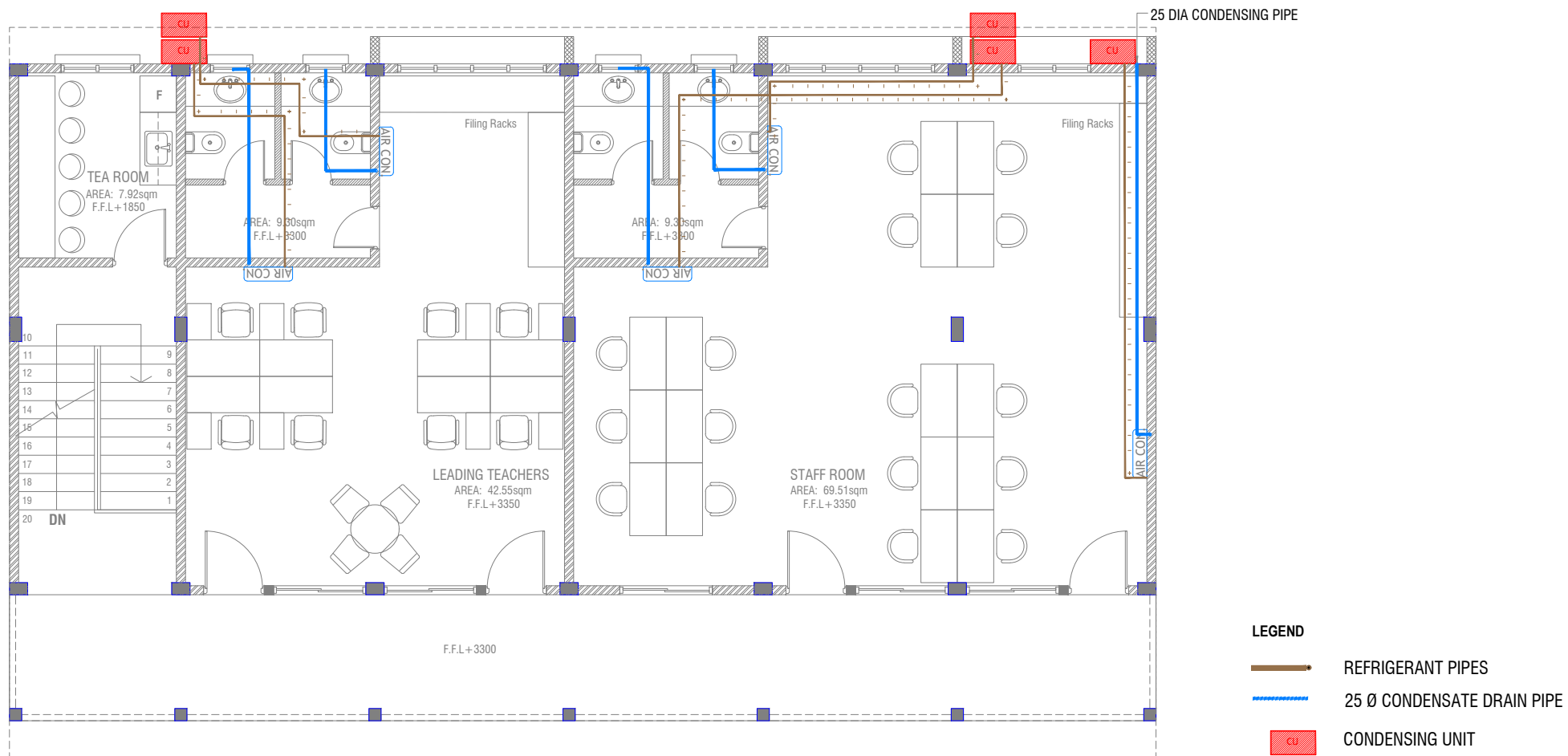
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Services : Aishath Ahmed  
Interior : -

Rev no	Date
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Title: Ground floor ACV layout  
Page:ACV-01/02



## FIRST FLOOR ACV LAYOUT

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Drawn by : Razana Amir

Services : Aishath Ahmed

Interior : -

Rev no Date

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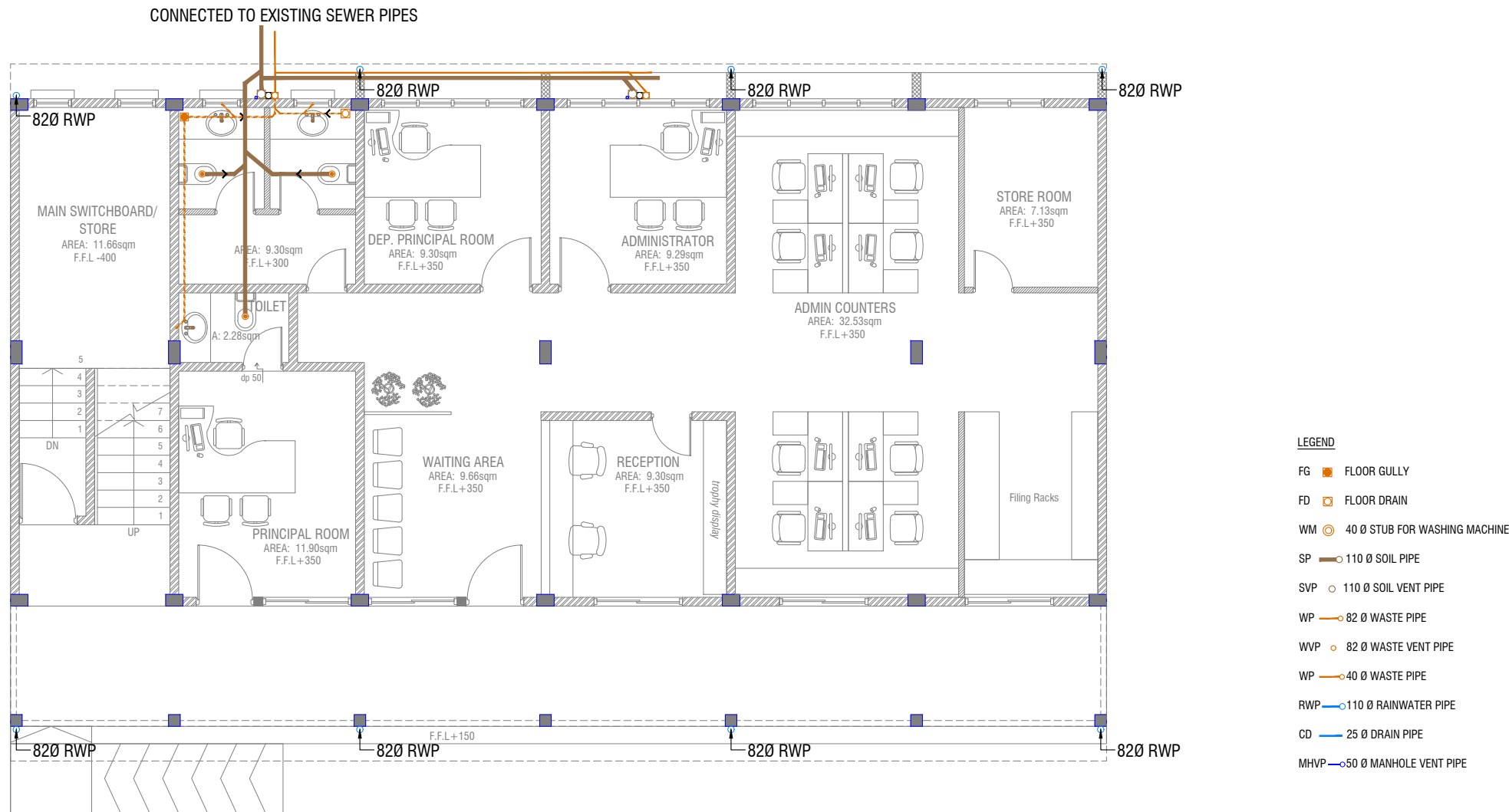
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Title:First floor ACV  
layout

Page:ACV-02/02



## GROUND FLOOR DRAINAGE LAYOUT

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Services : Aishath Ahmed  
Interior : -

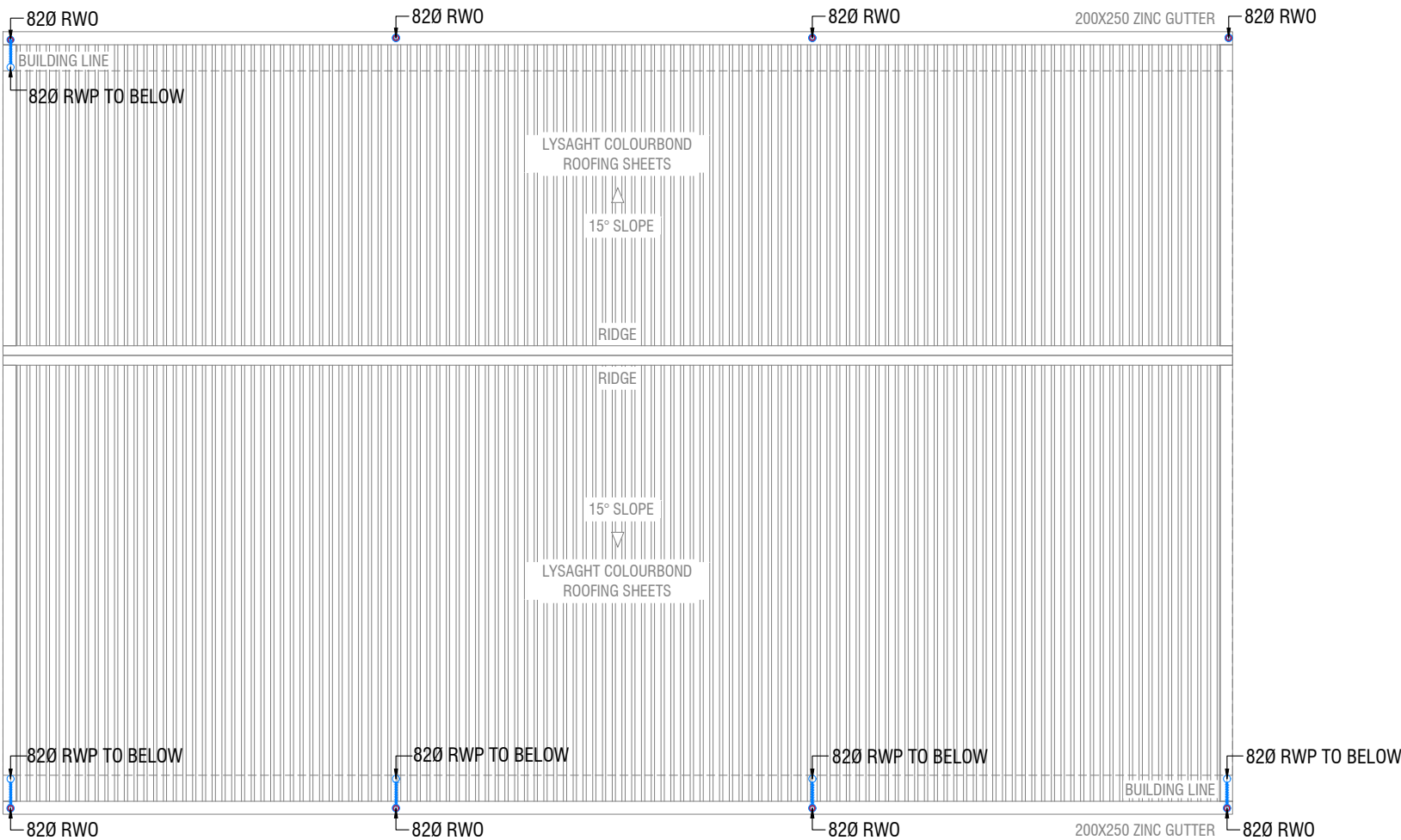
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Title: Ground floor drainage layout

Page: DR-01/03







- 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

## ROOF DRAINAGE LAYOUT

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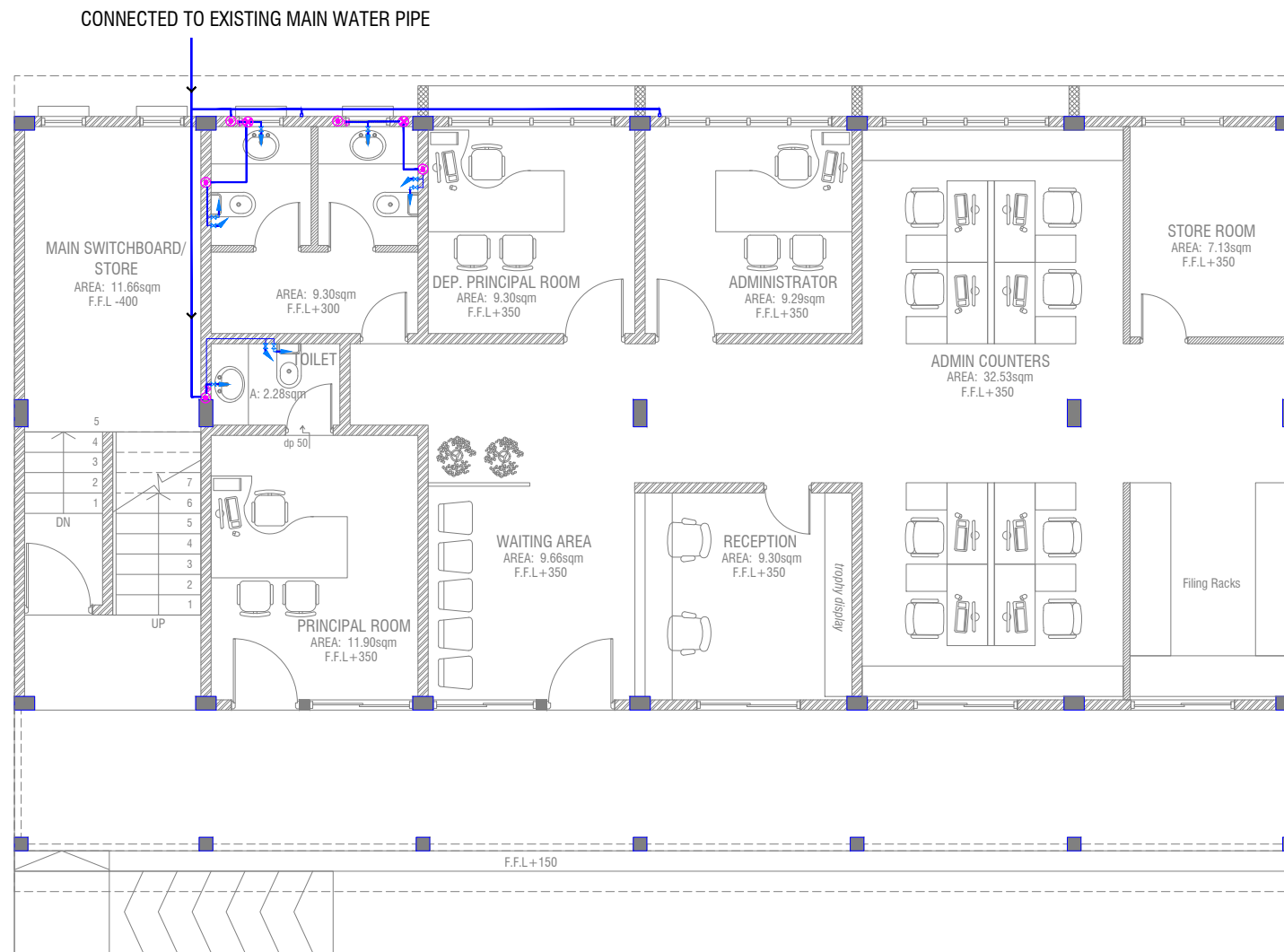
GDh.Gadhoo School - Office Building (02 Storey)  
Client: Ministry of Education

Project Number: RI/2017/012  
Date: September 2019  
Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem  
Drawn by : Razana Amir  
Services : Aishath Ahmed  
Interior : -

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Title:Roof level drainage layout

PageDR-03/03



#### 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

## GROUND FLOOR PLUMBING LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5



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Services : Aishath Ahmed

Interior : -

Rev no Date

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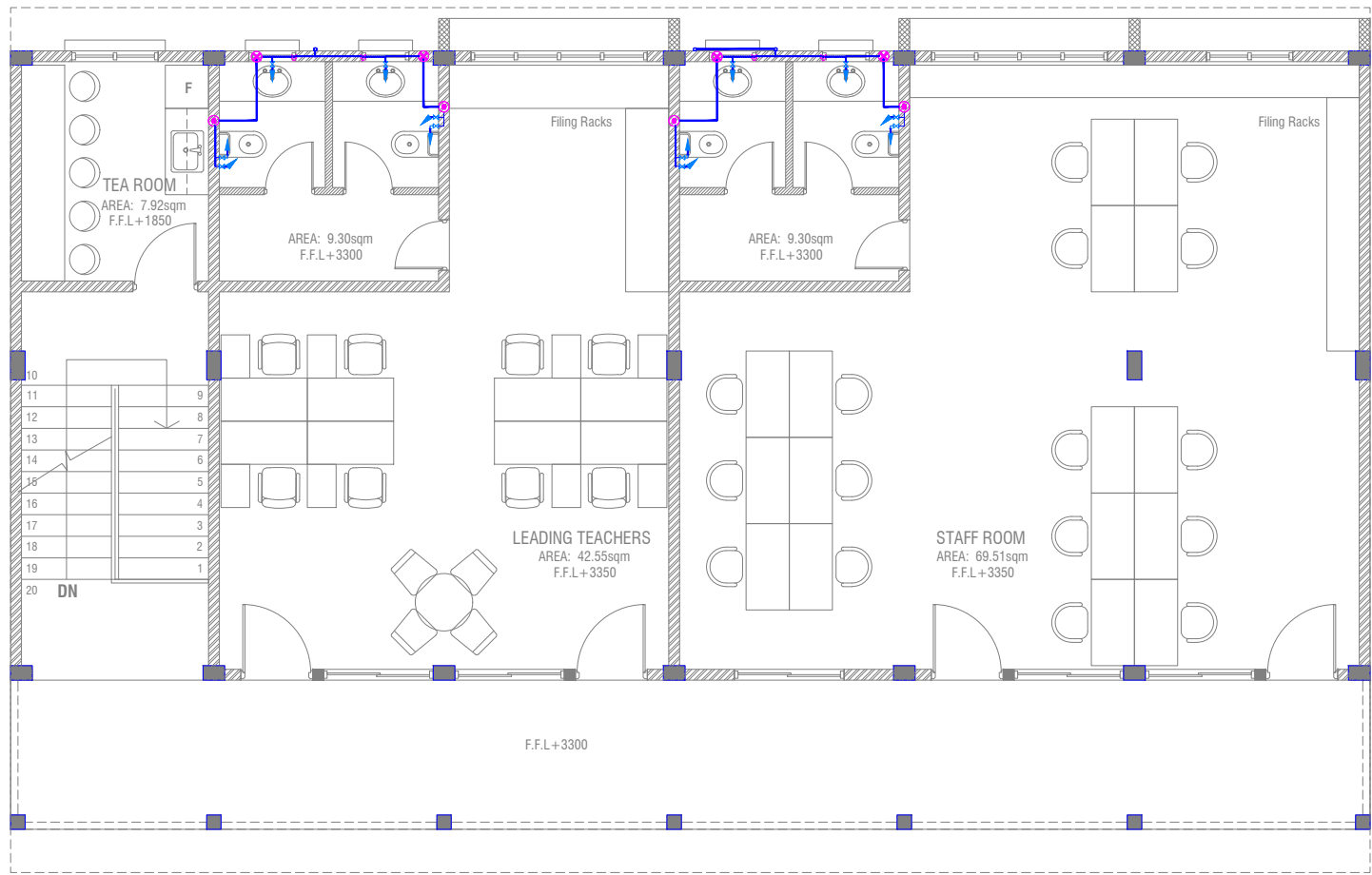
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Title: Ground floor plumbing layout

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 FLOOR PLUMBING LAYOUT

SCALE 1:100



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Drawn by : Razana Amir  
Services : Aishath Ahmed  
Interior : -

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Title:First floor plumbing layout

Page: PL-02/02