

*PROJECT: HOARAFUSHI COUNCIL OFFICE*  
*CLIENT: HOARAFUSHI COUNCIL*

*SERVICES DRAWINGS*

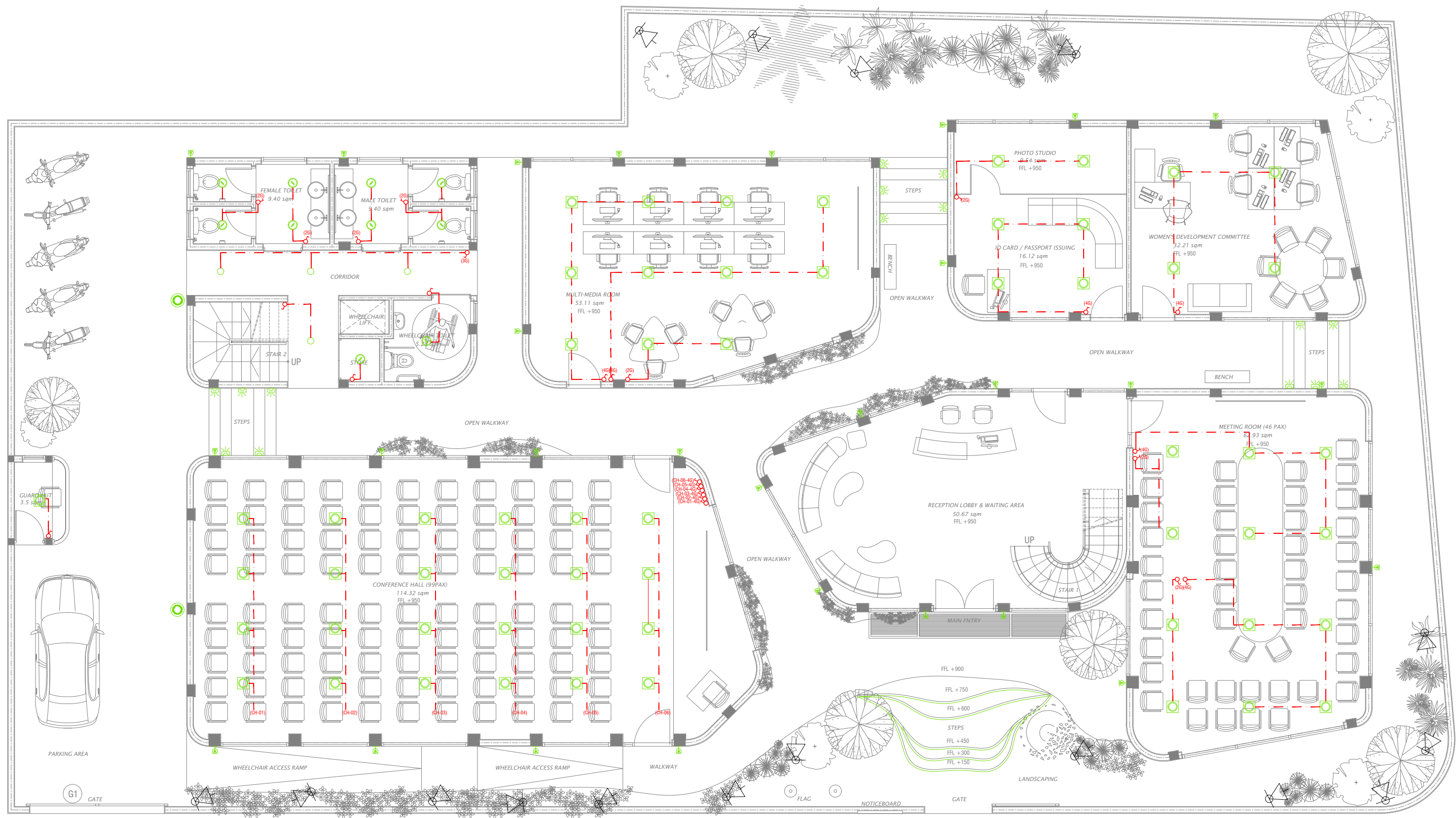


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t: +963375249 f: +963370776  
e: info@riyan.com.mt  
w: www.riyan.com.mt

3rd Floor, 11, Agur, Araxeneemagħ, Msd

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GROUND FLOOR LIGHTING LAYOUT

SCALE 1:100



LEGEND

- SPIKE LIGHT
- PENDANT LIGHT
- CEILING LIGHT TYPE 5 18 W CFL
- CEILING LIGHT 12W LED
- RECESSED DOWN LIGHT 12W
- OUTDOOR WALL LIGHT 12W
- LED STRIP
- OUTDOOR WALL LIGHT UP-DN
- RECESSED OUTDOOR WALL LIGHT 75X75
- SWITCHING LINE
- ROTATABLE CEILING FAN
- CEILING FAN (42" - 48")

- FLEX. POWER OUTLET W/ COVER PLATE (EXHAUST FAN)
- LIGHT SWITCH

NOTE:

- ALL WIRING TO BE OF MEA APPROVED STANDARDS
- SWITCH CONTROL = 1200MM FROM FLOOR FIN. LEVEL
- ALL OUTDOOR LIGHTS ARE TIMED LIGHTS

- ALL LIGHTING POINTS CONNECTED TO THEIR RESPECTIVE DB

Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: RI/2020/071  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zaid  
Designer: Ashraf Ahmed  
Services: Ashraf Ahmed  
Interior: Abdullah Aman

General Notes:

Rev no	Date
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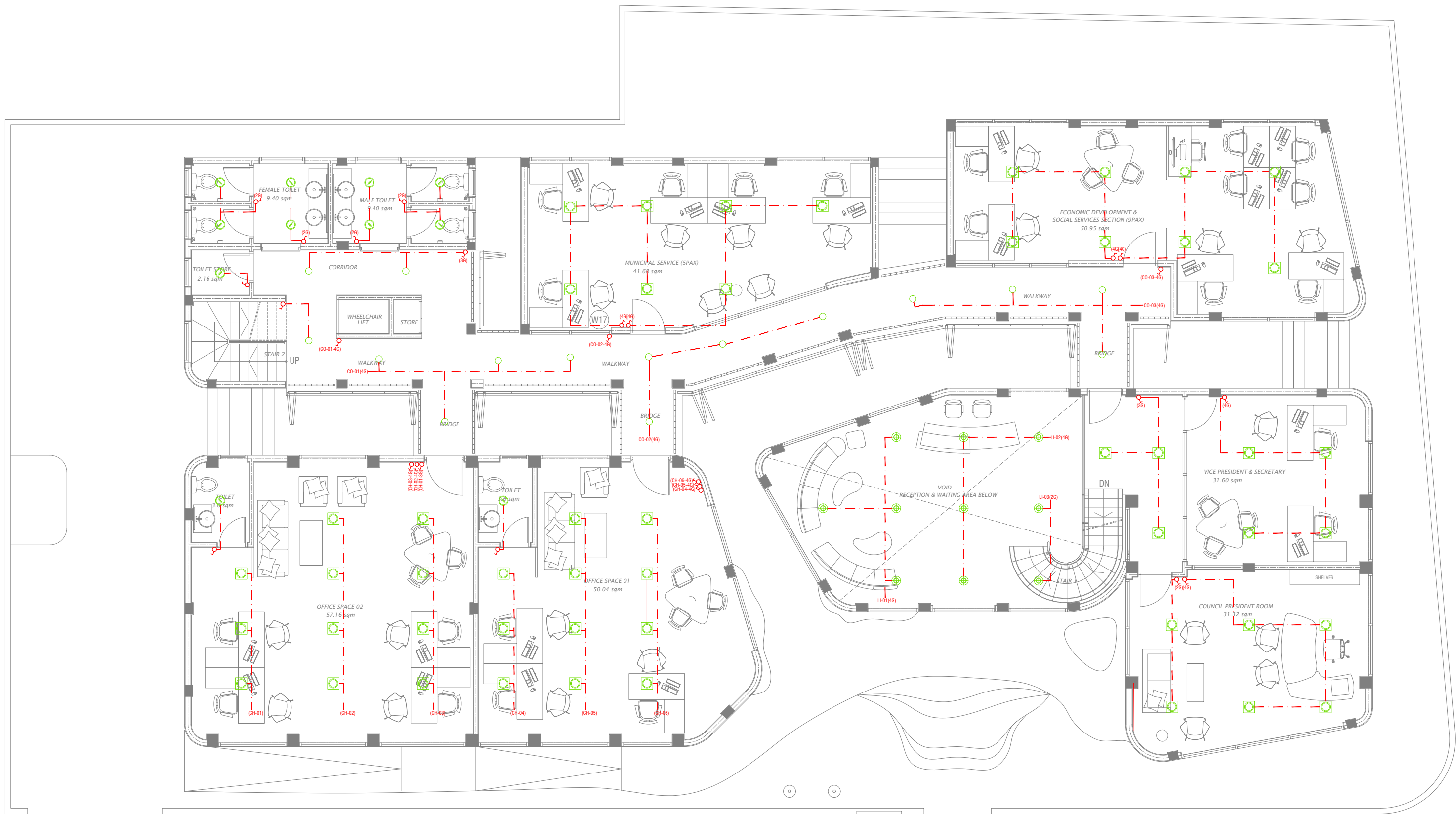
t: +960335049 f: +960330776  
e: info@riyan.com.mv  
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3rd floor, H. Azum, Amereemoggu, Malé

Title: Ground Floor  
Lighting Layout

Page: SR-002

Scale: 1:100

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**FIRST FLOOR LIGHTING LAYOUT**

SCALE 1:100



**LEGEND**

- SPIKE LIGHT
- PENDANT LIGHT
- CEILING LIGHT TYPE 5 18 W CFL
- CEILING LIGHT 12W LED
- RECESSED DOWN LIGHT 12W
- OUTDOOR WALL LIGHT 12W
- LED STRIP
- OUTDOOR WALL LIGHT UP+DN
- RECESSED OUTDOOR WALL LIGHT 75x75
- SWITCHING LINE
- ROTATABLE CEILING FAN
- CEILING FAN (42" - 48")
- FLEX. POWER OUTLET W/ COVER PLATE (EXHAUST FAN)
- LIGHT SWITCH

**NOTE:**

- ALL WIRING TO BE OF MEA APPROVED STANDARDS
- SWITCH CONTROL = 1200MM FROM FLOOR FIN. LEVEL
- ALL OUTDOOR LIGHTS ARE TIMED LIGHTS

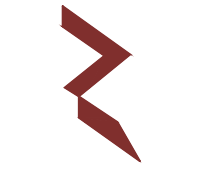
-ALL LIGHTING POINTS CONNECTED TO THEIR RESPECTIVE DB

Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: R/2020/071  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zuhair & Majid  
Designer: Ashraf Ahmed  
Services: Ashraf Ahmed  
Interior: Abdullah Aman

**General Notes:**

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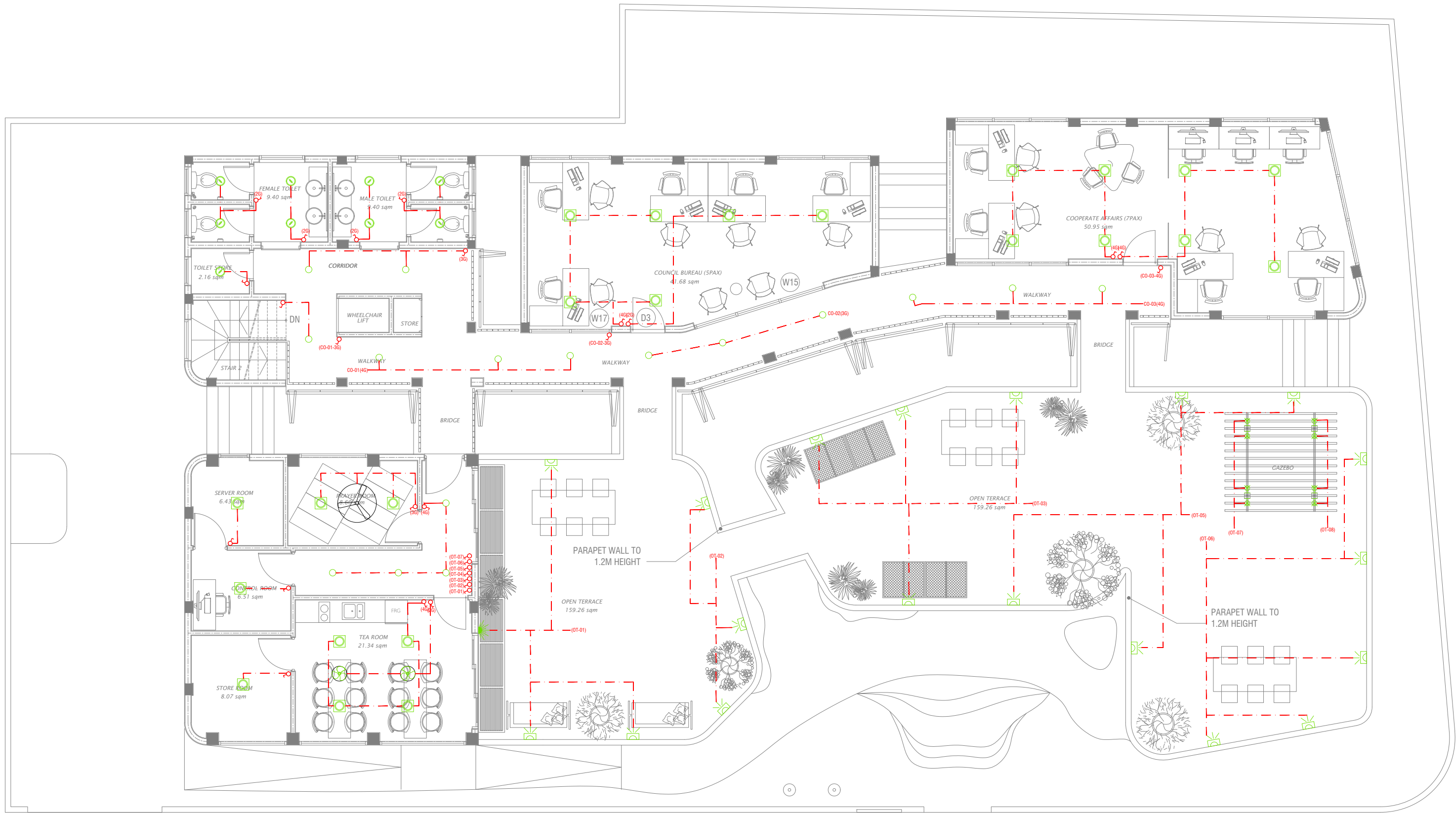
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t: +9603315049 f: +9603310776  
e: info@riyan.com.mv  
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3rd floor, H. Azam, Ammeenemogu, Male'

Title: First Floor  
Lighting Layout

Page: SR-003

Scale: 1:100

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SECOND FLOOR LIGHTING LAYOUT

SCALE 1:100

LEGEND

- SPIKE LIGHT
- PENDANT LIGHT
- CEILING LIGHT TYPE 5 18 W CFL
- CEILING LIGHT 12W LED
- RECESSED DOWN LIGHT 12W
- OUTDOOR WALL LIGHT 12W
- LED STRIP
- OUTDOOR WALL LIGHT UP+DN
- RECESSED OUTDOOR WALL LIGHT75X75
- SWITCHING LINE
- ROTATABLE CEILING FAN
- CEILING FAN (42" - 48")
- FLEX. POWER OUTLET W/ COVER PLATE (EXHAUST FAN)
- LIGHT SWITCH

NOTE:

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

Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: RI/2020/071  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zaidan  
Designer: Ashraf Ahmed & Majid  
Services: Ashraf Ahmed  
Interior: Abdullah Aman

General Notes:

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t: +9603315049 f: +9603310775  
e: info@ryan.com.mv  
w: www.ryan.com.mv  
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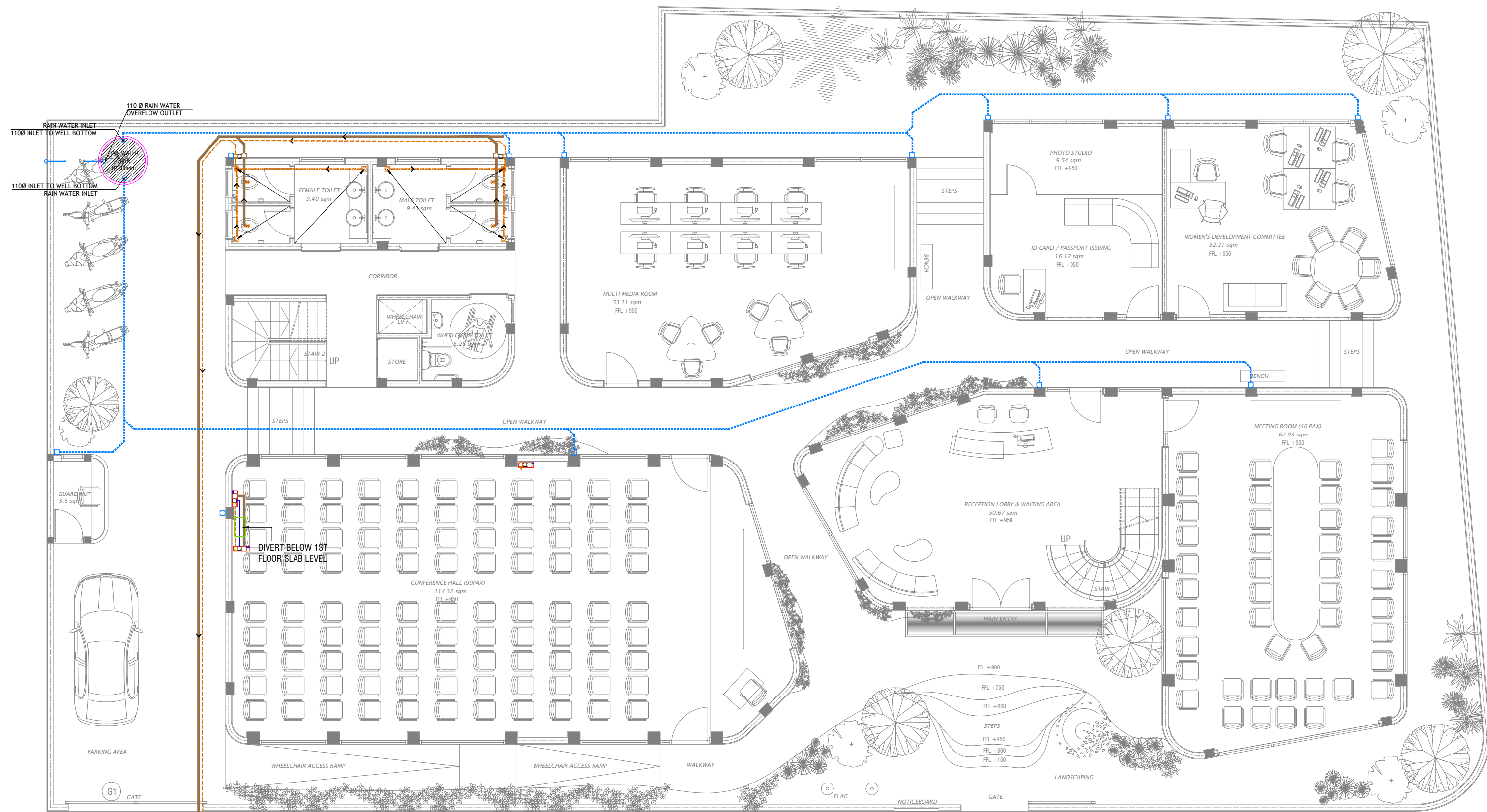
Title: Second Floor  
Lighting Layout

Page: SR-004

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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 50 Ø WASTE PIPE
- WP 40 Ø WASTE PIPE
- RWP 82 Ø RAINWATER PIPE
- CD 25 Ø DRAIN PIPE
- MHVP 82 Ø MANHOLE VENT PIPE

Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: RI/2020/071  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zaidan  
Designer: Ashraf Ahmed  
Interior: Abdullah Aman



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e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azam, Ameenemogga, Malé

Title: Ground Floor  
Drainage Layout

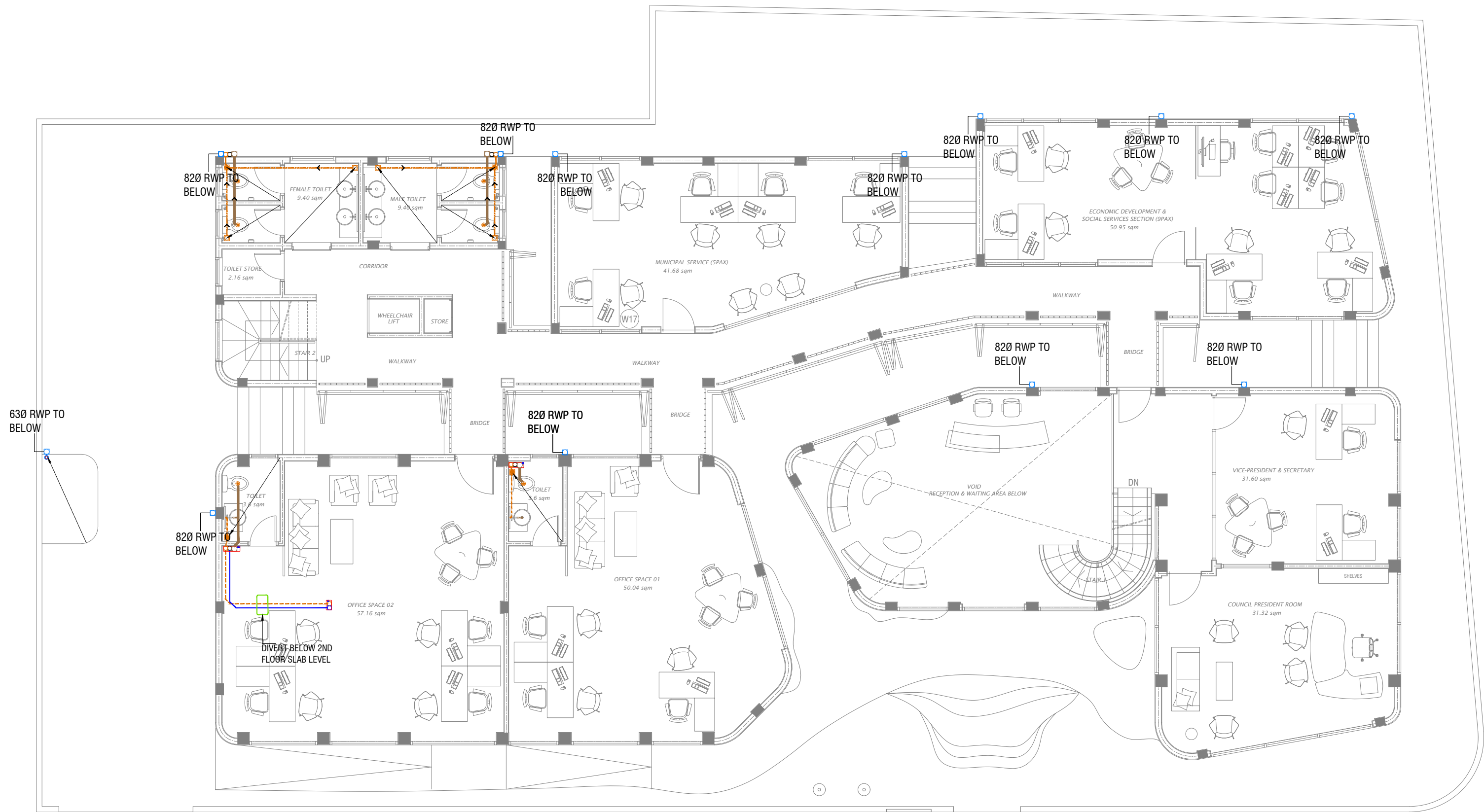
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General Notes:

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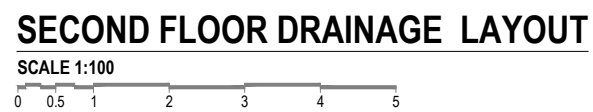
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**FIRST FLOOR DRAINAGE LAYOUT**  
SCALE 1:100















- 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
  - WP 50 Ø WASTE PIPE
  - WP 40 Ø WASTE PIPE
  - RWP 82 Ø RAINWATER PIPE
  - CD 25 Ø DRAIN PIPE
  - MHVP 82 Ø MANHOLE VENT PIPE



**SCALE 1:100**

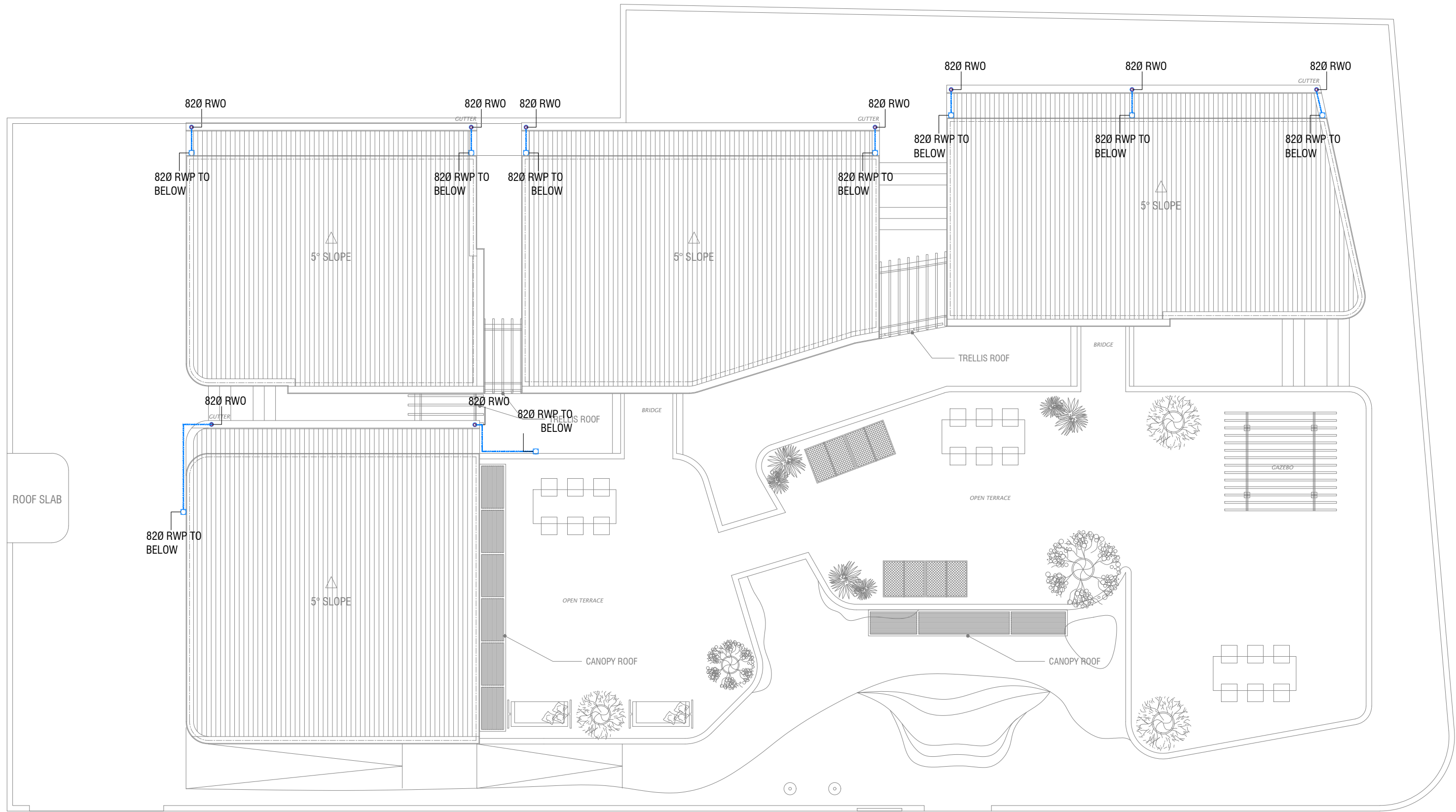


- FG  FLOOR GULLY
- FD  FLOOR DRAIN
- WM  40 Ø STUB FOR WASHING MACHINE
- SP  110 Ø SOIL PIPE
- SVP  110 Ø SOIL VENT PIPE
- WP  82 Ø WASTE PIPE
- WVP  82 Ø WASTE VENT PIPE
- WP  50 Ø WASTE PIPE
- WP  40 Ø WASTE PIPE
- RWP  82 Ø RAINWATER PIPE
- CD  25 Ø DRAIN PIPE
- MHVP  82 Ø MANHOLE VENT PIPE



ROOF DRAINAGE LAYOUT

SCALE 1:100



Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: RI/2020/011  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zaidan  
Designer: Zuhair Zaidan & Majid  
Services: Ashraf Ahmed  
Interior: Abdullah Aman

General Notes:

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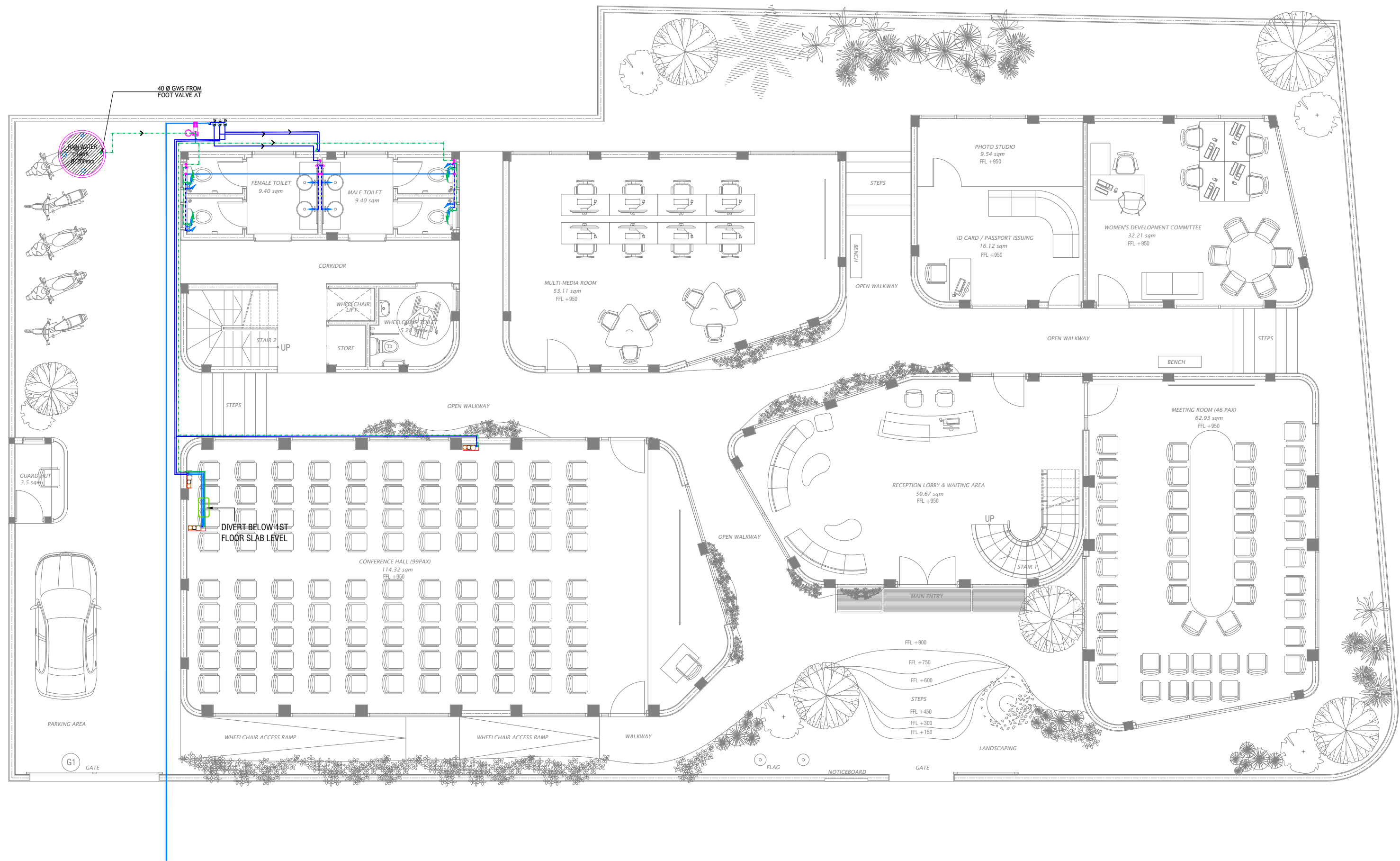
Title: Roof Drainage Layout

Page: SR-008

Scale: 1:100

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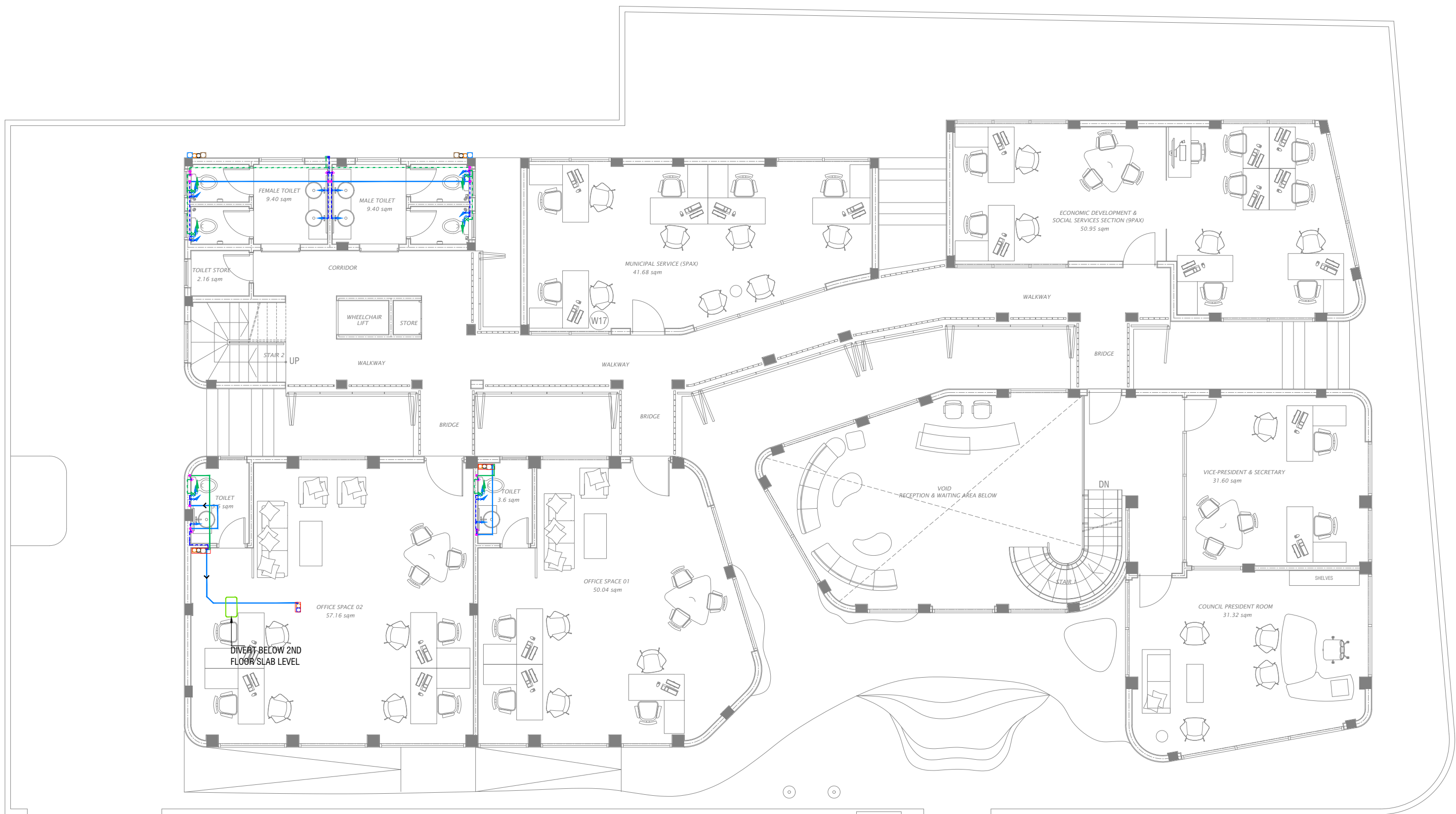




**GROUND FLOOR PLUMBING LAYOUT**  
SCALE 1:100

**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
- 16 Ø COLD WATER SUPPLY TO HEAD SHOWER
- 16 Ø COLD WATER SUPPLY TO WALL TAP
- GV GATE VALVE
- 20 Ø COLD WATER SUPPLY PIPES RUN BELOW FLOOR LEVEL
- 20 Ø COLD WATER SUPPLY PIPES RUN IN WALL
- 25 Ø COLD WATER SUPPLY PIPES RUN ABOVE FALSE CEILING
- RISE IN WALL
- DROP IN WALL
- 16 Ø RAIN WATER SUPPLY TO CISTERN



FIRST 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
- 16 Ø COLD WATER SUPPLY TO HEAD SHOWER
- 16 Ø COLD WATER SUPPLY TO WALL TAP
- GV GATE VALVE
- 20 Ø COLD WATER SUPPLY PIPES RUN BELOW FLOOR LEVEL
- 20 Ø COLD WATER SUPPLY PIPES RUN IN WALL
- 25 Ø COLD WATER SUPPLY PIPES RUN ABOVE FALSE CEILING
- RISE IN WALL
- DROP IN WALL

Hoarafushi Council Office

Client: Hoarafushi Council

Project Number: RI/2020/011

Date: 28 JUNE 2020

Architect: Ashraf Ahmed

Engineer: Zuhair Zuhair & Majid

Services: Ashraf Ahmed

Interior: Abdulla Aman

General Notes:

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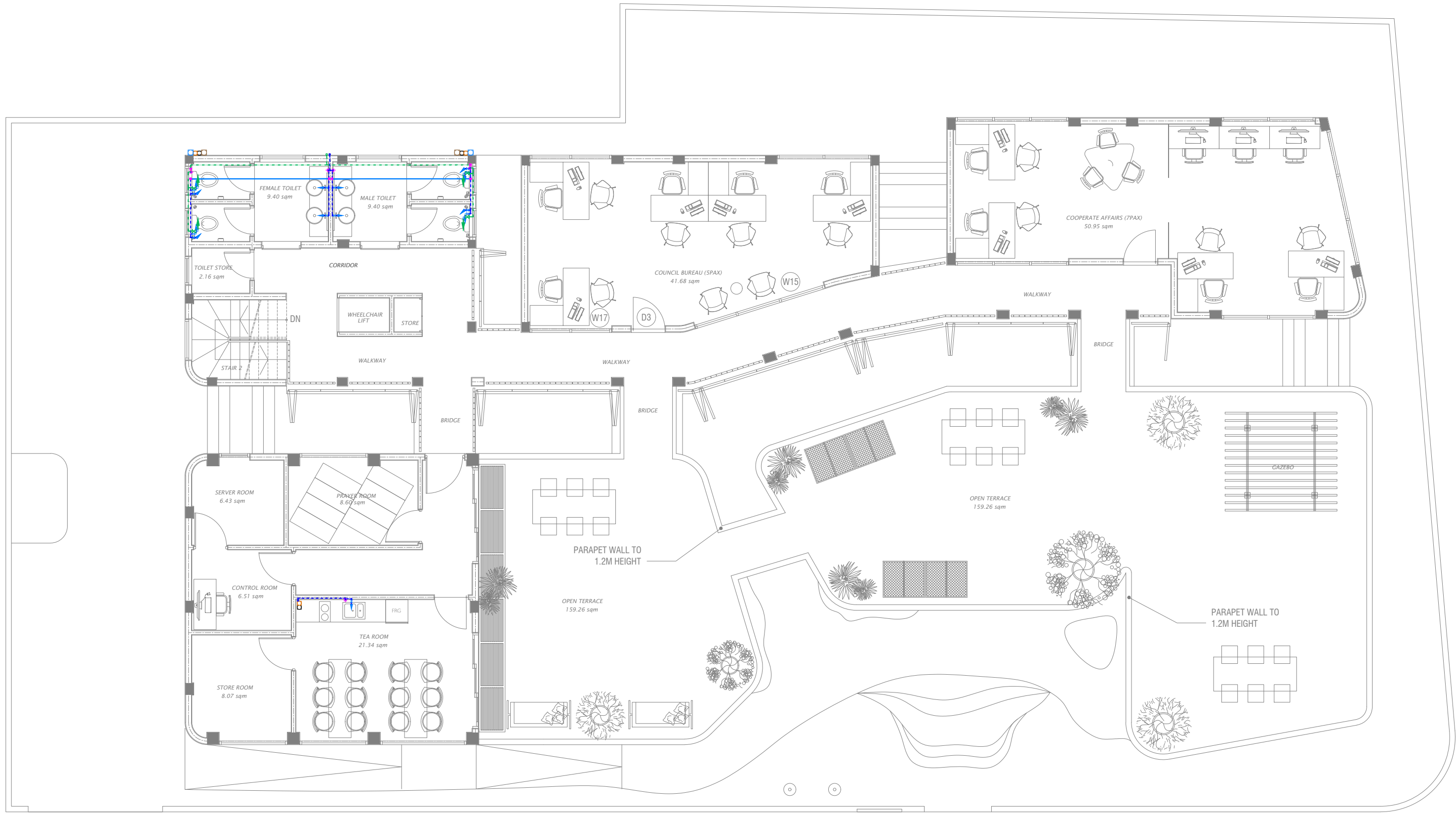
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3rd floor, H. Azum, Ameenemogga, Malé

Title: First Floor Plumbing Layout

Page: SR-010

Scale: 1:100

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**SECOND 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
- 16 Ø COLD WATER SUPPLY TO BASIN FAUCET / SINK
- 16 Ø COLD WATER SUPPLY TO HEAD SHOWER
- 16 Ø COLD WATER SUPPLY TO WALL TAP
- GV GATE VALVE
- 20 Ø COLD WATER SUPPLY PIPES RUN BELOW FLOOR LEVEL
- 20 Ø COLD WATER SUPPLY PIPES RUN IN WALL
- 25 Ø COLD WATER SUPPLY PIPES RUN ABOVE FALSE CEILING
- RISE IN WALL
- DROP IN WALL

Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: R/020/071  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zuhair  
Designer: Ashraf Ahmed  
Services: Ashraf Ahmed  
Interior: Abdullah Aman

General Notes:

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e: info@ryan.com.mv  
w: www.ryan.com.mv  
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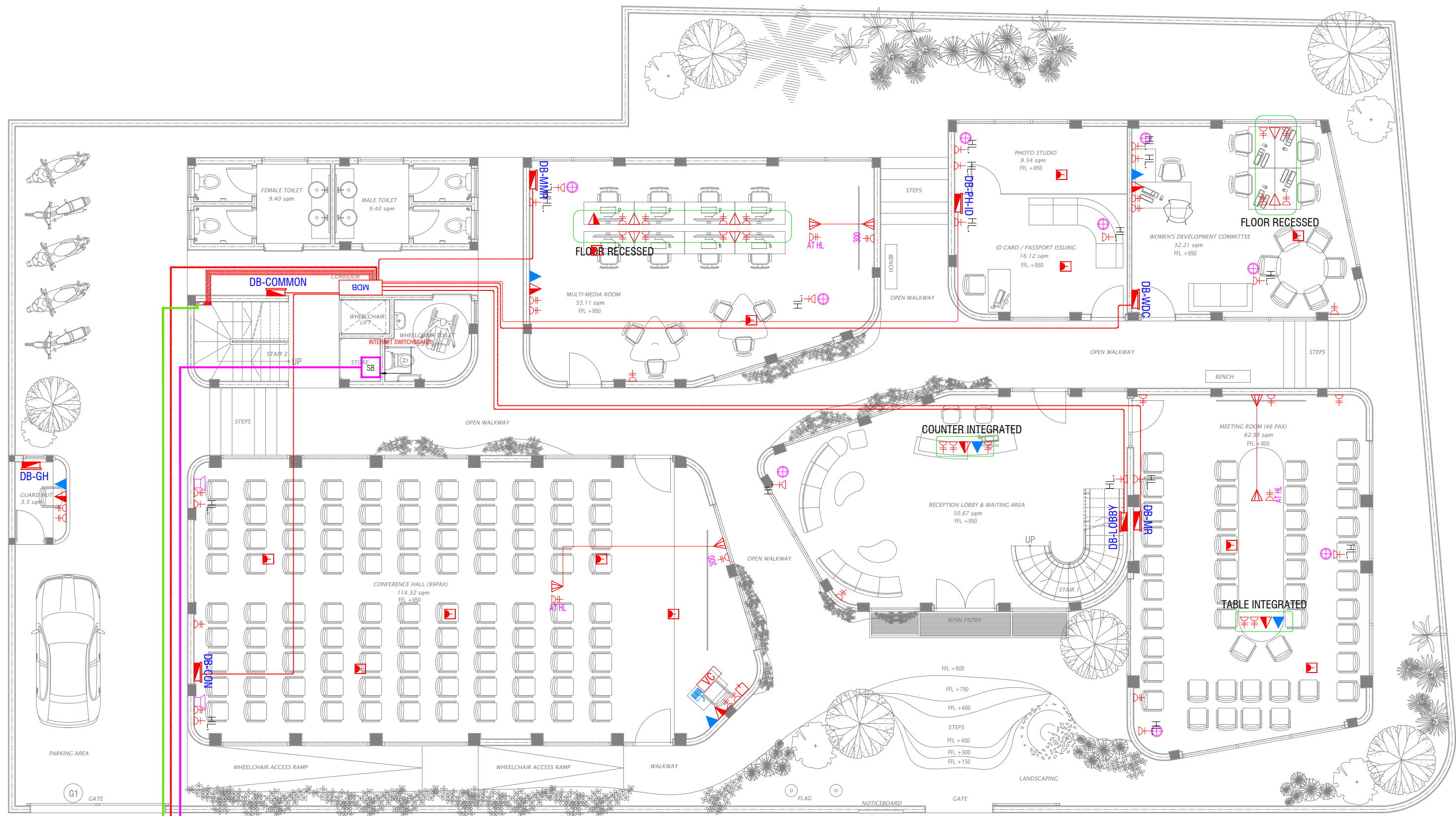
Title: Second Floor  
Plumbing Layout

Page: SR-011

Scale: 1:100

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10 Ø PVC DUCT FOR TEL.  
CABLE LEAD IN BELOW  
GR.SLAB

MAIN INCOMING 82 Ø PVC  
DUCT FOR EL. CABLE BELOW  
GR. SLAB

110 Ø PVC DUCT FOR TV.  
CABLE LEAD IN BELOW  
GR.SLAB

## GROUND 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)
- WIFI POINTS
- 13A POWER OUTLET
- 13A TWIN SOCKET OUTLET
- CAMERA 360
- VGA CABLE FOR PROJECTOR
- DISTRIBUTION BOX
- 15A SWITCHED/ SPUR UNIT @ H.L.
- TWO GANG TV/SAT SOCKET OUTLET
- SPEAKER
- PAGING MIC CONNECTED TO SPEAKERS
- CARD READER + SWITCH
- 13A POWER OUTLET WEATHER PROOF POLYCARBONATE ENCLOSURE
- H.L. HIGH LEVEL
- WPE WEATHER PROOF POLYCARBONATE ENCLOSURE
- VOLUME CONTROLLER
- ALL FLOOR SOCKETS SHOULD BE IN FLOOR RECESSED METAL ENCLOSURE
- ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

### NOTE:

- ALL WIRING TO BE OF STELCO APPROVED STANDARDS
- POWER/IT/COMPUTER SOCKETS = 300MM - 450MM FROM FLOOR FIN. LEVEL
- SWITCH CONTROL / SOCKET = 1100MM - 1200MM FROM FLOOR FIN. LEVEL
- KITCHEN SOCKETS & LAUNDRY SOCKETS = 1150MM - 1250MM FROM FLOOR FIN. LEVEL
- AC / WH / EL = 2500MM - 2700MM FROM FLOOR FIN. LEVEL

450 WIDE CABLE UNDER FLOOR R.C CABLE DUCT USED FOR MAIN POWER/IT & TELEPHONE CABLING

Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: R/2020/0011  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zaem  
Drawn by: Zuhair A.Majid  
Services: Ashraf Ahmed  
Interior: Ashraf Ahmed



RYAN PRIVATE LIMITED  
t: +960335049 f: +9603310716  
e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd Floor, H. Azum, Ameeranaghi, Male

Title: Ground Floor  
Power Layout

Page: SR-012

Scale: 1:100

### General Notes:

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**FIRST FLOOR POWER LAYOUT**  
SCALE 1:100

**LEGEND**

- PHONE EXTENSION
- COMPUTER NETWORK OUTLET (RJ 45 CONNECTORS)
- TELEPHONE OUTLET (RJ11, CONNECTOR)
- WIFI POINTS
- 13A POWER OUTLET
- 13A TWIN SOCKET OUTLET
- CAMERA 360
- VGA CABLE FOR PROJECTOR
- DISTRIBUTION BOX
- 15A SWITCHED/ SPUR UNIT @ H.L.
- TWO GANG TV/SAT SOCKET OUTLET
- SPEAKER

- PAGING MIC CONNECTED TO SPEAKERS
- CARD READER + SWITCH
- 13A POWER OUTLET WEATHER PROOF POLYCARBONATE ENCLOSURE
- H.L. HIGH LEVEL
- WPE WEATHER PROOF POLYCARBONATE ENCLOSURE
- VC VOLUME CONTROLLER

ALL FLOOR SOCKETS SHOULD BE IN FLOOR RECESSED METAL ENCLOSURE

ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

**NOTE:**

- ALL WIRING TO BE OF STELCO APPROVED STANDARDS
- POWER/IT/COMPUTER SOCKETS = 300MM - 450MM FROM FLOOR FIN. LEVEL
- SWITCH CONTROL / SOCKET = 1100MM - 1200MM FROM FLOOR FIN. LEVEL
- KITCHEN SOCKETS & LAUNDRY SOCKETS = 1150MM - 1250MM FROM FLOOR FIN. LEVEL
- AC / WH / EL = 2500MM - 2700MM FROM FLOOR FIN. LEVEL

450 WIDE CABLE UNDER FLOOR R.C CABLE DUCT USED FOR MAIN POWER/IT & TELEPHONE CABLING

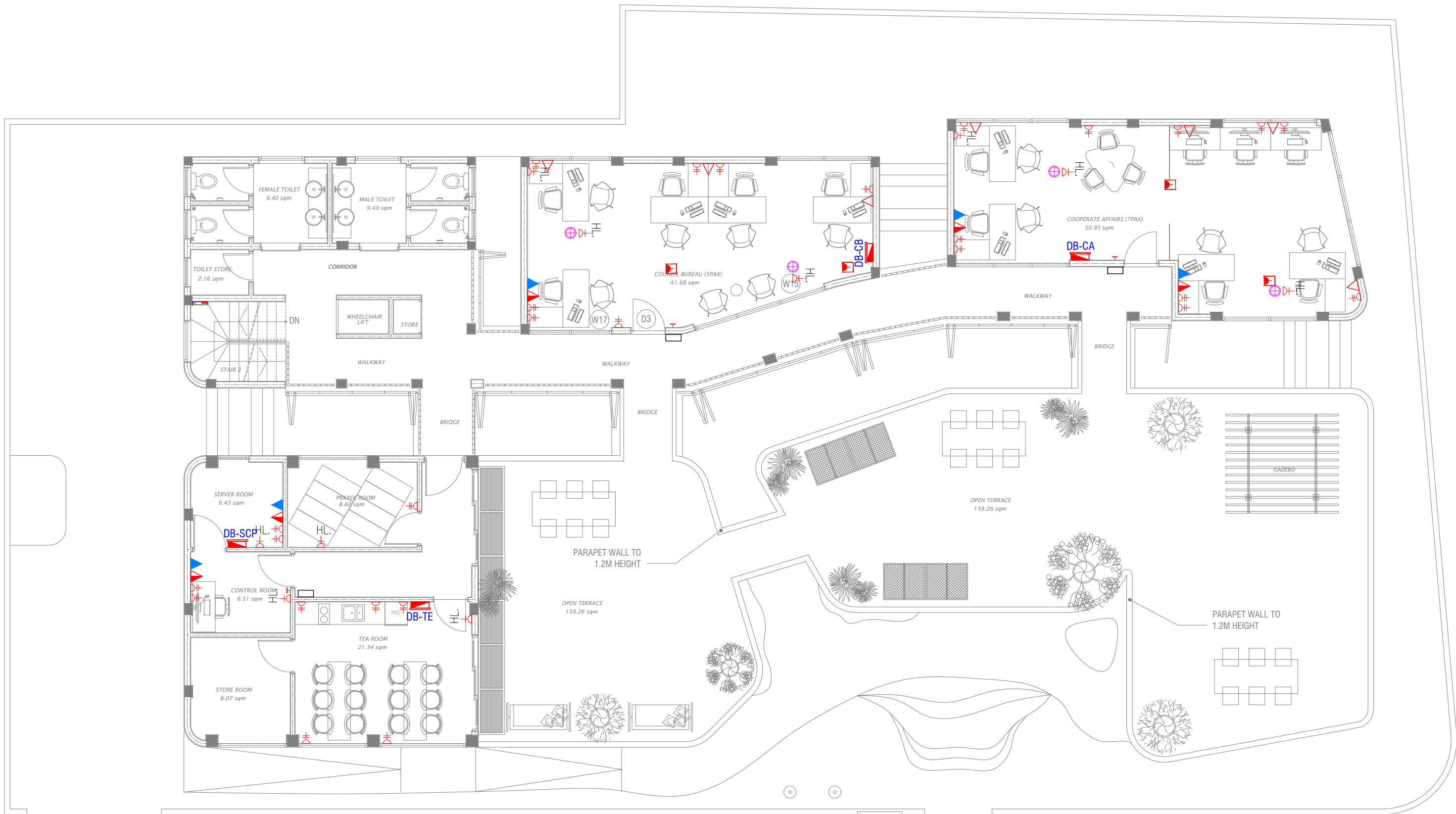
Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: RI/2020/071  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zaidan & Majid  
Services: Ashraf Ahmed  
Interior: Abdullah Aman

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t: +9603315049 f: +9603307076  
e: info@riyan.com.mv  
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Title: First Floor  
Power Layout  
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**SECOND FLOOR POWER LAYOUT**  
SCALE 1:100

**LEGEND**

- PHONE EXTENSION
- COMPUTER NETWORK OUTLET (RJ 45 CONNECTORS)
- TELEPHONE OUTLET (RJ11, CONNECTOR)
- WIFI POINTS
- 13A POWER OUTLET
- 13A TWIN SOCKET OUTLET
- CAMERA 360
- VGA CABLE FOR PROJECTOR
- DISTRIBUTION BOX
- 15A SWITCHED/ SPUR UNIT @ H.L.
- TWO GANG TV/SAT SOCKET OUTLET
- SPEAKER
- PAGING MIC CONNECTED TO SPEAKERS
- CARD READER + SWITCH
- 13A POWER OUTLET WEATHER PROOF POLYCARBONATE ENCLOSURE
- H.L. HIGH LEVEL
- WPE WEATHER PROOF POLYCARBONATE ENCLOSURE
- VOLUME CONTROLLER
- ALL FLOOR SOCKETS SHOULD BE IN FLOOR RECESSED METAL ENCLOSURE
- ALL ELECTRICAL COMPONENT TO BE CONNECTED TO THEIR RESPECTIVE DB

**NOTE:**

- ALL WIRING TO BE OF STELCO APPROVED STANDARDS
- POWER/IT/COMPUTER SOCKETS = 300MM - 450MM FROM FLOOR FIN. LEVEL
- SWITCH CONTROL / SOCKET = 1100MM - 1200MM FROM FLOOR FIN. LEVEL
- KITCHEN SOCKETS & LAUNDRY SOCKETS = 1150MM - 1250MM FROM FLOOR FIN. LEVEL
- AC / WH / EL = 2500MM - 2700MM FROM FLOOR FIN. LEVEL

450 WIDE CABLE UNDER FLOOR R.C CABLE DUCT USED FOR MAIN POWER/IT & TELEPHONE CABLING

Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: RI/2020/071  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zuhair & Majid  
Services: Ashraf Ahmed  
Interior: Abdulla Aman



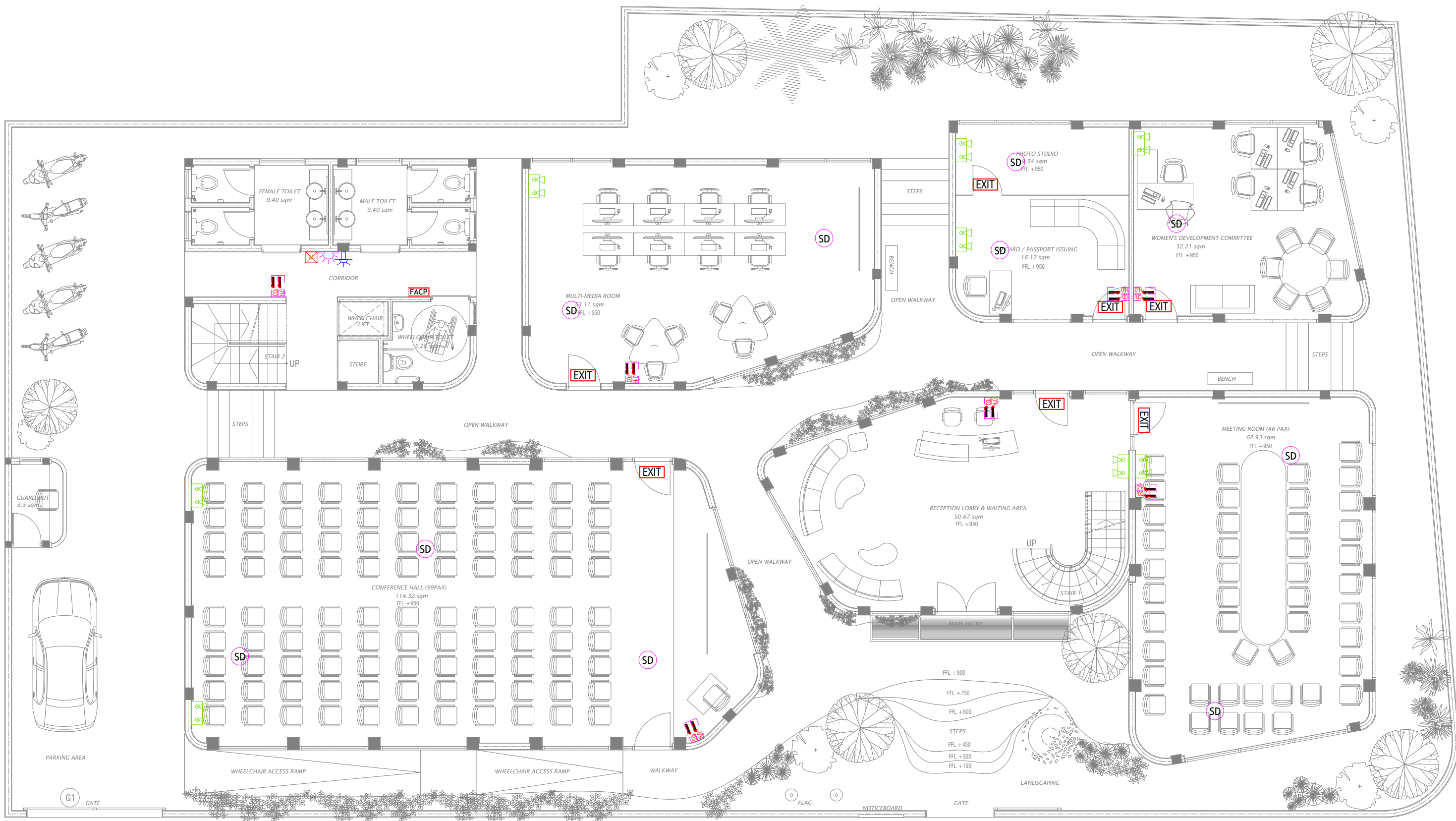
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Title: Second Floor  
Power Layout

Page: SR-014

Scale: 1:100

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**GROUND FLOOR FDP LAYOUT**  
SCALE 1:100

0 0.5 1 2 3 4 5

**LEGEND**

- SD SMOKE DETECTOR
- HD HEAT DETECTOR
- EXIT EXIT SIGN
- EM EMERGENCY LIGHT
- CO<sub>2</sub> CO<sub>2</sub> EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE (TYP.)
- H<sub>2</sub>O H<sub>2</sub>O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE (TYP.)
- MCP MANUAL CALL POINT (RESETTABLE)
- B BEACON
- SB SOUNDER/BELL (85 DB)
- ELR END OF LINE RESISTANCE
- FACP FIRE ALARM CONTROL PANEL
- FB FIRE BLANKET

ALL FIRE CABLES AND CONDUITS SHOULD BE FIRE RETARDANT LOW SMOKE (FRLS) TYPE.

ALL FIRE RATED DOOR SHOULD COME WITH PACKING (EXPANSION SEAL TRAP)

1. ALL PIPES SHOULD BE GALVANIZED, SCHEDULE 40.
2. ALL PIPE SHALL BE PAINTED IN RED AS PER REGULATION.
3. ALL SUPPORT/BACKET SHALL BE HOT DIPPED GALVANIZED TO 100MM 4. ALL FIRE EXTINGUISHER INSIDE CABINETS. (CABINET SHOULD BE PROVIDED)

-IF THE INSTALLATION OF CEILING IS CARRIED OUT LOWER THAN BEAM BOTTOM, SMOKE DETECTORS SHOULD BE PLACED AS INDICATED ON THE DRAWING.  
-ALTERNATIVELY IF THE INSTALLATION OF CEILING IS CARRIED OUT EQUAL TO BEAM BOTTOM OR IF THE CEILING IS NOT INSTALLED, SMOKE DETECTORS ARE TO BE PLACED IN BETWEEN EACH BEAM

Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: R/2020/071  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zaidan & Majid  
Services: Ashraf Ahmed  
Interior: Abdullah Aman

RIYAN PRIVATE LIMITED  
t: +9603315049 f: +9603310775  
e: info@riyan.com.mv  
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Title: Ground Floor FDP Layout  
Page: SR-015  
Scale: 1:100

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**FIRST FLOOR FDP LAYOUT**  
SCALE 1:100



**LEGEND**

- SD SMOKE DETECTOR
- HD HEAT DETECTOR
- EXIT EXIT SIGN
- EM EMERGENCY LIGHT
- CO<sub>2</sub> EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE(TYP.)
- H<sub>2</sub>O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE(TYP.)
- MANUAL CALL POINT (RESETTABLE)
- BEACON
- SOUNDER/BELL (85 DB)
- ELR END OF LINE RESISTANCE
- FACP FIRE ALARM CONTROL PANEL
- FIRE BLANKET

ALL FIRE CABLES AND CONDUITS SHOULD BE FIRE RETARDANT LOW SMOKE (FRLS) TYPE.

ALL FIRE RATED DOOR SHOULD COME WITH PACKING (EXPANSION SEAL TRAP)

- 1.ALL PIPES SHOULD BE GALVANIZED,SCHEDULE 40.
2. ALL PIPE SHALL BE PAINTED IN RED AS PER REGULATION.
3. ALL SUPPORT/BACKET SHALL BE HOT DIPPED GALVANIZED TO 100MM 4.ALL FIRE EXTINGUISHER INSIDE CABINETS. (CABINET SHOULD BE PROVIDED)

-IF THE INSTALLATION OF CEILING IS CARRIED OUT LOWER THAN BEAM BOTTOM ,SMOKE DETECTORS SHOULD BE PLACED AS INDICATED ON THE DRAWING.  
-ALTERNATIVELY IF THE INSTALLATION OF CEILING IS CARRIED OUT EQUAL TO BEAM BOTTOM OR IF THE CEILING IS NOT INSTALLED , SMOKE DETECTORS ARE TO BE PLACED IN BETWEEN EACH BEAM

Hoarafushi Council Office  
Client: Hoarafushi Council  
Project Number: R/2020/071  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zaidan & Majid  
Services: Ashraf Ahmed  
Interior: Abdulla Aman



RYAN PRIVATE LIMITED  
t: +9603315049 f: +9603310775  
e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd floor, H. Azum, Arneememagu, Malé

Title: First Floor FDP Layout  
Page: SR-016

Scale:1:100

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SECOND FLOOR FDP LAYOUT  
SCALE 1:100

LEGEND

- SD SMOKE DETECTOR
- HD HEAT DETECTOR
- EXIT EXIT SIGN
- EM EMERGENCY LIGHT
- CO<sub>2</sub> EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE(TYP.)
- H<sub>2</sub>O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE(TYP.)
- MANUAL CALL POINT (RESETTABLE)
- BEACON
- SOUNDER/BELL (85 DB)
- ELR END OF LINE RESISTANCE
- FACP FIRE ALARM CONTROL PANEL
- FIRE BLANKET

ALL FIRE CABLES AND CONDUITS SHOULD BE FIRE RETARDANT LOW SMOKE (FRLS) TYPE.

ALL FIRE RATED DOOR SHOULD COME WITH PACKING (EXPANSION SEAL TRAP)

- 1.ALL PIPES SHOULD BE GALVANIZED,SCHEDULE 40.
- 2. ALL PIPE SHALL BE PAINTED IN RED AS PER REGULATION.
- 3. ALL SUPPORT/BACKET SHALL BE HOT DIPPED GALVANIZED TO 100MM 4.ALL FIRE EXTINGUISHER INSIDE CABINETS. (CABINET SHOULD BE PROVIDED)

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GROUND FLOOR ACV LAYOUT

SCALE 1:100



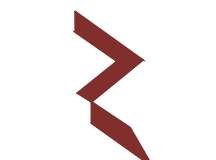
- LEGEND**
- REFRIGERANT PIPES
  - 25 Ø CONDENSATE DRAIN PIPE
  - CEILING MOUNTED EXHAUST FAN 90M3/HR
  - 4-WAY CASSETTE TYPE MULTI SPLIT AC
  - CONDENSING UNIT

Hoarafushi Council Office  
Client: Hoarafushi Council

Project Number: R/2020/011  
Date: 28 JUNE 2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zaidan & Majid  
Services: Ashraf Ahmed  
Interior: Abdullah Aman

General Notes:

Rev no	Date
1	28 JUNE 2020
2	
3	
4	



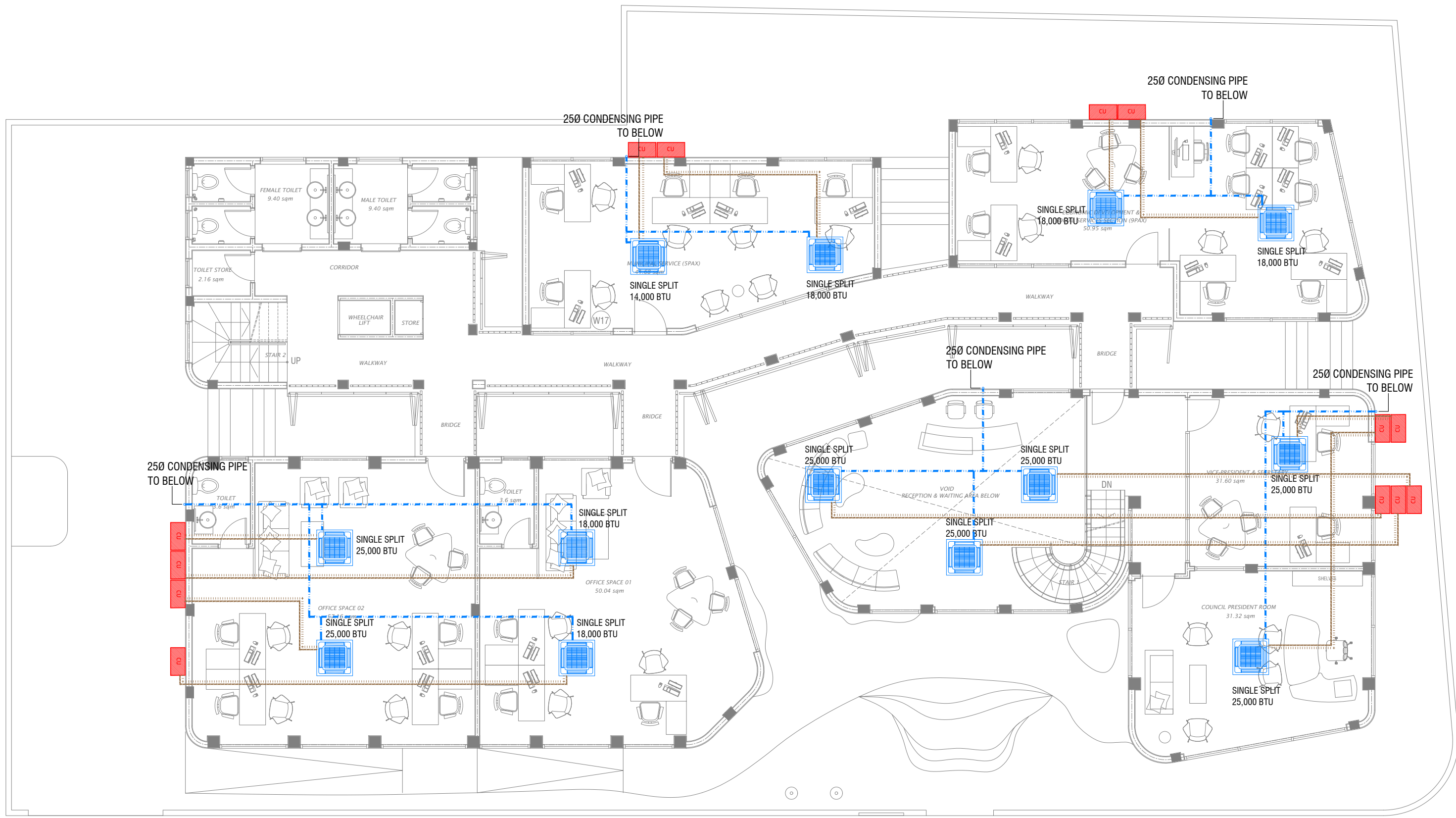
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t: +9603315049 f: +9603310776  
e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd floor, H. Azam, Ameenemogga, Malé

Title: Ground Floor  
ACV Layout

Page: SR-018

Scale: 1:100

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**FIRST FLOOR ACV LAYOUT**  
SCALE 1:100

- LEGEND**
- REFRIGERANT PIPES
  - 25 Ø CONDENSATE DRAIN PIPE
  - CEILING MOUNTED EXHAUST FAN 90M3/HR
  - 4-WAY CASSETTE TYPE MULTI SPLIT AC
  - CONDENSING UNIT

Hoarafushi Council Office  
Client: Hoarafushi Council

Rev no	Date	General Notes
1	28 JUNE 2020	

Project Number: RI/2020/071  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zuhair  
Designer: Ashraf Ahmed  
Interior: Abdullah Aman

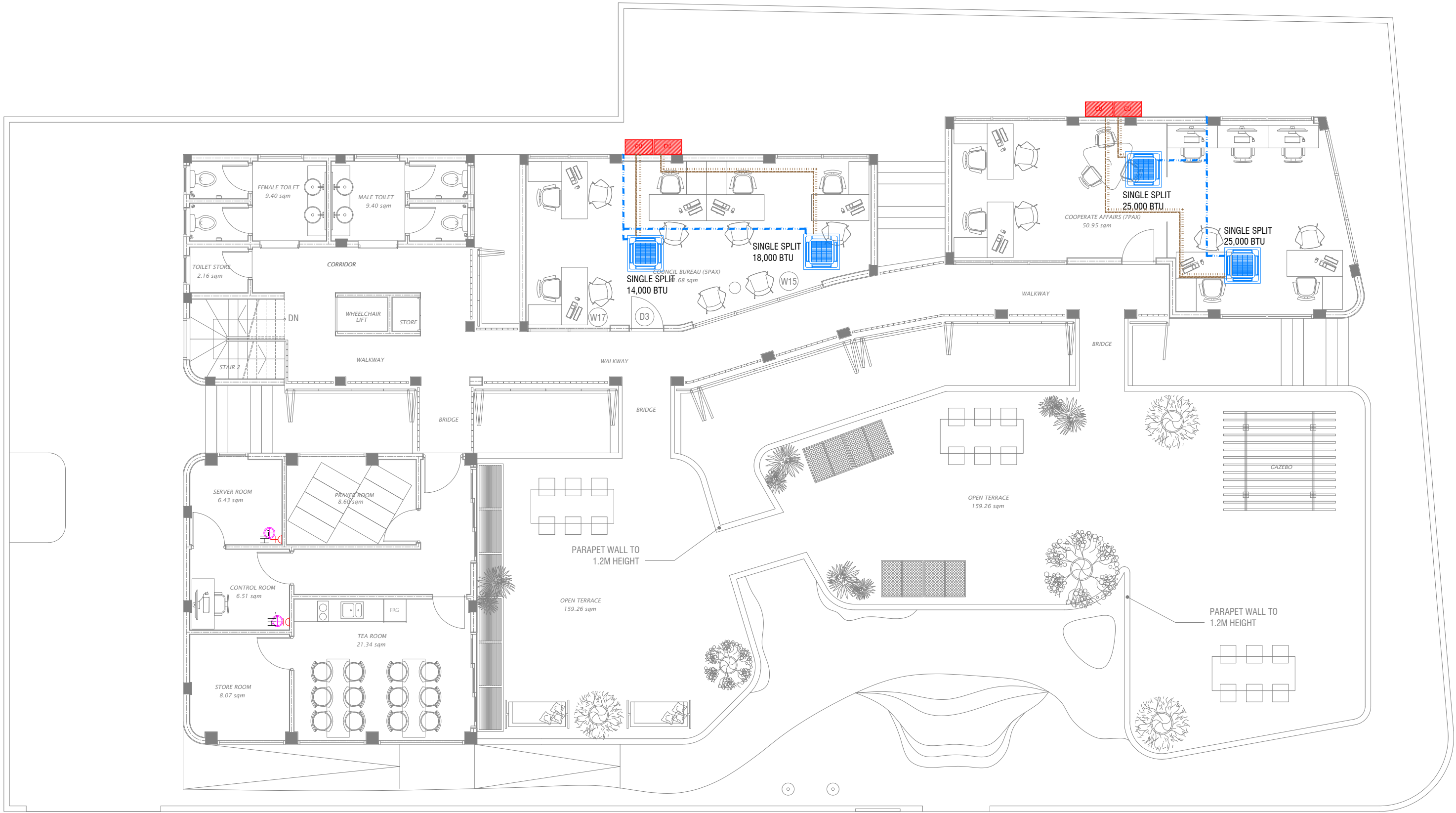


RIYAN PRIVATE LIMITED  
t: +9603375049 f: +9603370776  
e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azum, Aneememogga, Malé

Title: First Floor  
ACV Layout  
Page: SR-019  
Scale: 1:100

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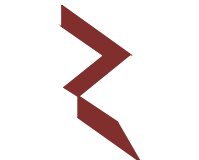


**SECOND FLOOR ACV LAYOUT**  
SCALE 1:100

0 0.5 1 2 3 4 5

- LEGEND**
- REFRIGERANT PIPES
  - 25 Ø CONDENSATE DRAIN PIPE
  - CEILING MOUNTED EXHAUST FAN 90M3/HR
  - 4-WAY CASSETTE TYPE MULTI SPLIT AC
  - CONDENSING UNIT

Hoarafushi Council Office  
Client: Hoarafushi Council  
Project Number: R/2020/071  
Date: 28/JUNE/2020  
Architect: Ashraf Ahmed  
Engineer: Zuhair Zaid & Majid  
Services: Ashraf Ahmed  
Interior: Abdulla Aman

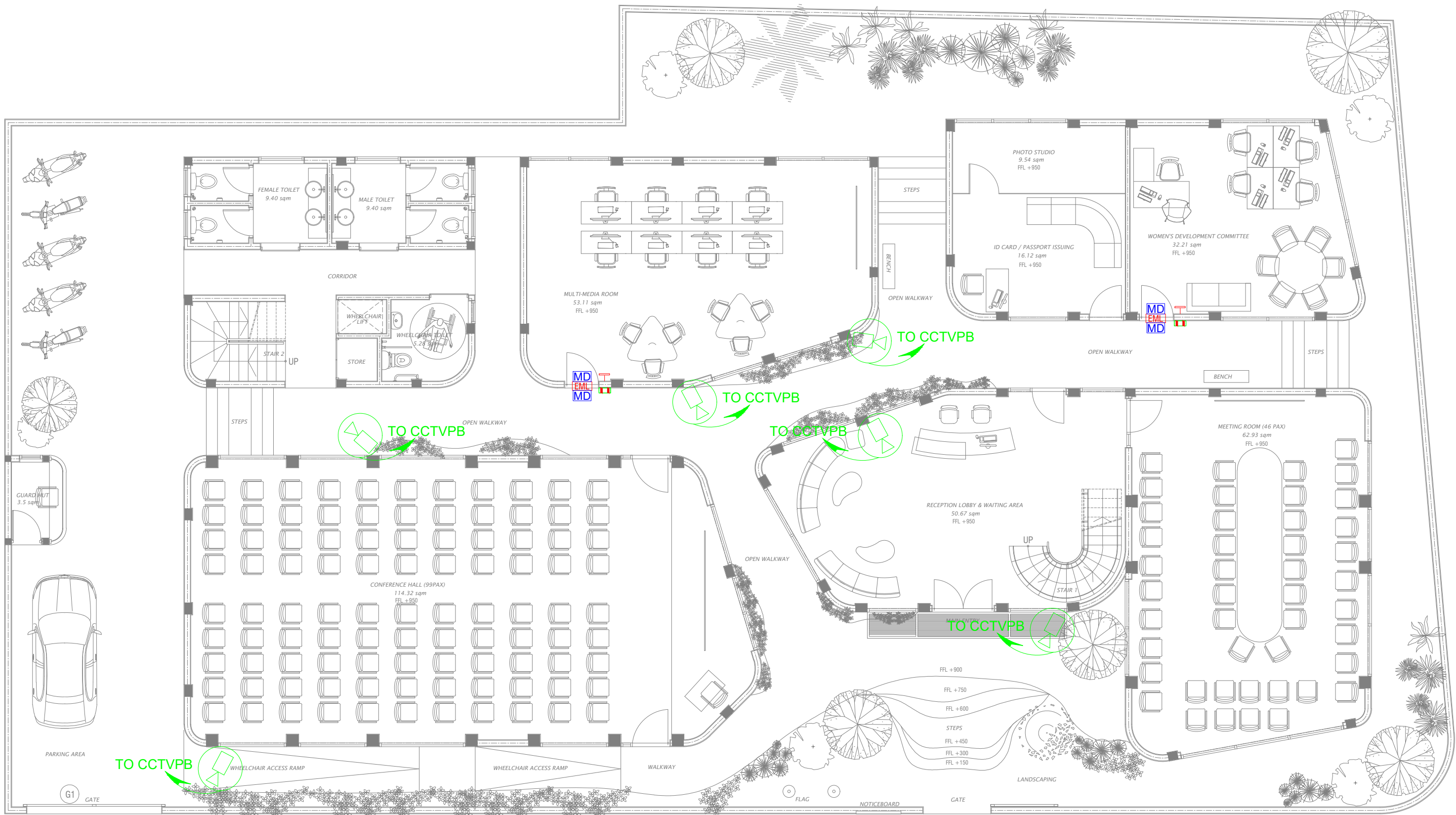


RIYAN PRIVATE LIMITED  
t: +9603315049 f: +9603310776  
e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azam, Ammeenemogu, Malé

Title: Second Floor  
ACV Layout  
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Scale: 1:100

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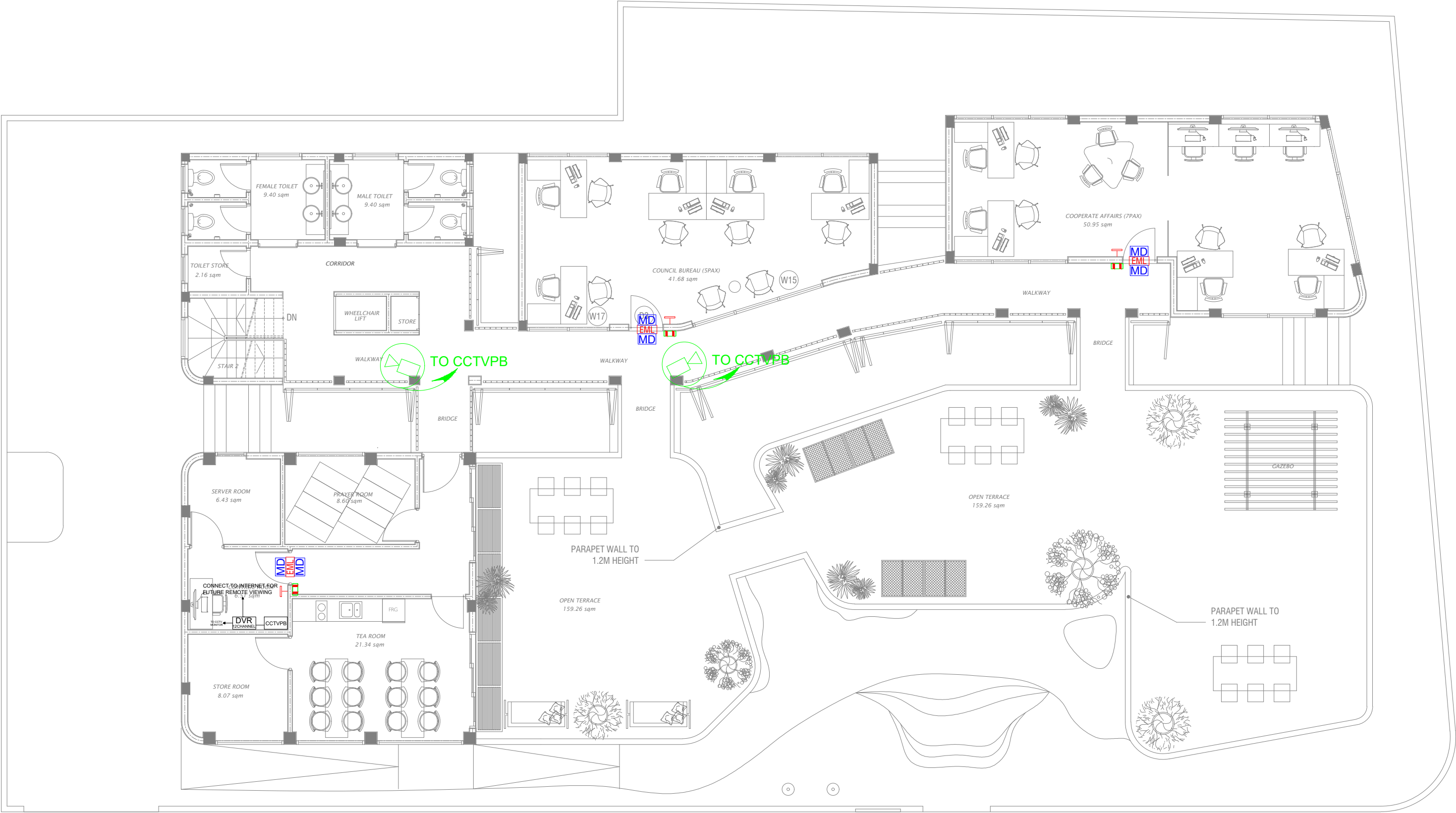
GROUND FLOOR CCTV & ACCESS CONTROL LAYOUT  
SCALE 1:100

LEGEND : AUXILIARY SYSTEM		
1	CLOSE-CIRCUIT TELEVISION	
2	CLOSE-CIRCUIT TELEVISION PULLBOX	
3	INTELLIGENT CARD READER	
4	AUTOMATIC DOOR MOTION DETECTOR SENSOR	
5	EXIT SWITCH	
6	ELECTROMAGNETIC LOCK	

NUMBER OF RUNS	CCTV WIRES & CONDUITS
C	CAT5e IN 15mm dia. EMT
2C	CAT5e IN 20mm dia. EMT
3C	CAT5e IN 20mm dia. EMT
4C	CAT5e IN 20mm dia. EMT
5C	CAT5e IN 25mm dia. EMT
6C	CAT5e IN 25mm dia. EMT
7C	CAT5e IN 25mm dia. EMT
8C	CAT5e IN 32mm dia. EMT
9C	CAT5e IN 32mm dia. EMT
10C	CAT5e IN 32mm dia. EMT



NUMBER OF RUNS	CCTV WIRES & CONDUITS
C	CAT5e IN 15mm dia. EMT
2C	CAT5e IN 20mm dia. EMT
3C	CAT5e IN 20mm dia. EMT
4C	CAT5e IN 20mm dia. EMT
5C	CAT5e IN 25mm dia. EMT
6C	CAT5e IN 25mm dia. EMT
7C	CAT5e IN 25mm dia. EMT
8C	CAT5e IN 32mm dia. EMT
9C	CAT5e IN 32mm dia. EMT
10C	CAT5e IN 32mm dia. EMT



**SECOND FLOOR CCTV & ACCESS CONTROL LAYOUT**  
SCALE 1:100



LEGEND : AUXILIARY SYSTEM		
1	CLOSE-CIRCUIT TELEVISION	
2	CLOSE-CIRCUIT TELEVISION PULLBOX	
3	INTELLIGENT CARD READER	
4	AUTOMATIC DOOR MOTION DETECTOR SENSOR	
5	EXIT SWITCH	
6	ELECTROMAGNETIC LOCK	

NUMBER OF RUNS	CCTV WIRES & CONDUITS
C	CAT5e IN 15mm dia. EMT
2C	CAT5e IN 20mm dia. EMT
3C	CAT5e IN 20mm dia. EMT
4C	CAT5e IN 20mm dia. EMT
5C	CAT5e IN 25mm dia. EMT
6C	CAT5e IN 25mm dia. EMT
7C	CAT5e IN 25mm dia. EMT
8C	CAT5e IN 32mm dia. EMT
9C	CAT5e IN 32mm dia. EMT
10C	CAT5e IN 32mm dia. EMT