

Preparation of Drawings for Gn.Fuvahmulah Campus  
(Staff Accommodation Block)

*SERVICES DRAWINGS*

Client: The Maldives National University



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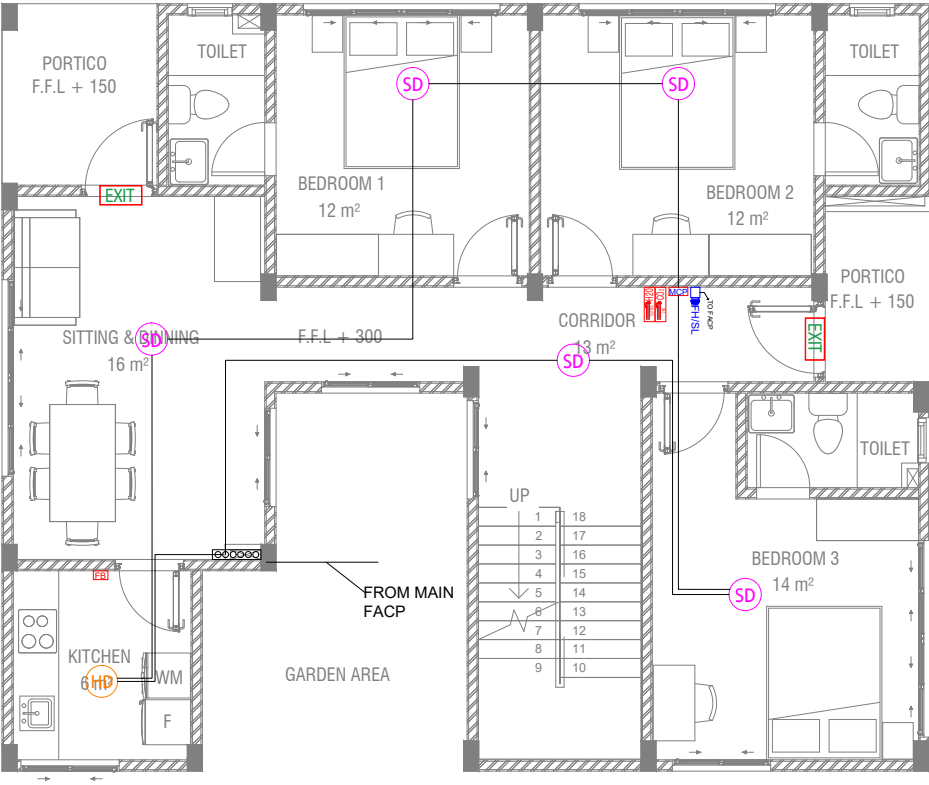
TABLE OF CONTENTS

DRAWING No.	TITLE	REVISION No.	DATE	REMARKS
S E R V I C E S				
FDP - 01 / 02	GROUND & 1ST FLOOR FIRE DETECTION AND PROTECTION LAYOUT	---	---	---
FDP - 02 / 02	2ND FLOOR & ROOF FIRE DETECTION AND PROTECTION LAYOUT	---	---	---
ICT - 01 / 02	GROUND & 1ST FLOOR ICT AND SECURITY LAYOUT	---	---	---
ICT - 02 / 02	2ND FLOOR & ROOF ICT AND SECURITY LAYOUT	---	---	---
ACMV - 01 / 02	GROUND & 1ST FLOOR AIR-CONDITIONING AND MECHANICAL VENTILATION LAYOUT	---	---	---
ACMV - 02 / 02	2ND FLOOR & ROOF AIR-CONDITIONING AND MECHANICAL VENTILATION LAYOUT	---	---	---
EP - 01 / 02	GROUND & 1ST FLOOR ELECTRICAL POWER LAYOUT	---	---	---
EP - 02 / 02	2ND FLOOR & ROOF ELECTRICAL POWER LAYOUT	---	---	---
EL - 01 / 02	GROUND & 1ST FLOOR ELECTRICAL LIGHTING LAYOUT	---	---	---
EL - 02 / 02	2ND FLOOR & ROOF ELECTRICAL LIGHTING LAYOUT	---	---	---
PL - 01 / 01	PLUMBING GENERAL NOTES, LEGENDS AND ABBREVIATIONS	---	---	---
WS - 01 / 02	GROUND & 1ST FLOOR WATER SUPPLY LAYOUT	---	---	---
WS - 02 / 02	2ND FLOOR & ROOF WATER SUPPLY LAYOUT	---	---	---
DRSW - 01 / 02	GROUND & 1ST FLOOR DRAINAGE & SEWERAGE LAYOUT	---	---	---
DRSW - 02 / 02	2ND FLOOR & ROOF DRAINAGE & SEWERAGE LAYOUT	---	---	---
RDR - 01 / 02	GROUND & 1ST FLOOR RAIN WATER DRAINAGE LAYOUT	---	---	---
RDR - 02 / 02	2ND FLOOR & ROOF RAIN WATER DRAINAGE LAYOUT	---	---	---
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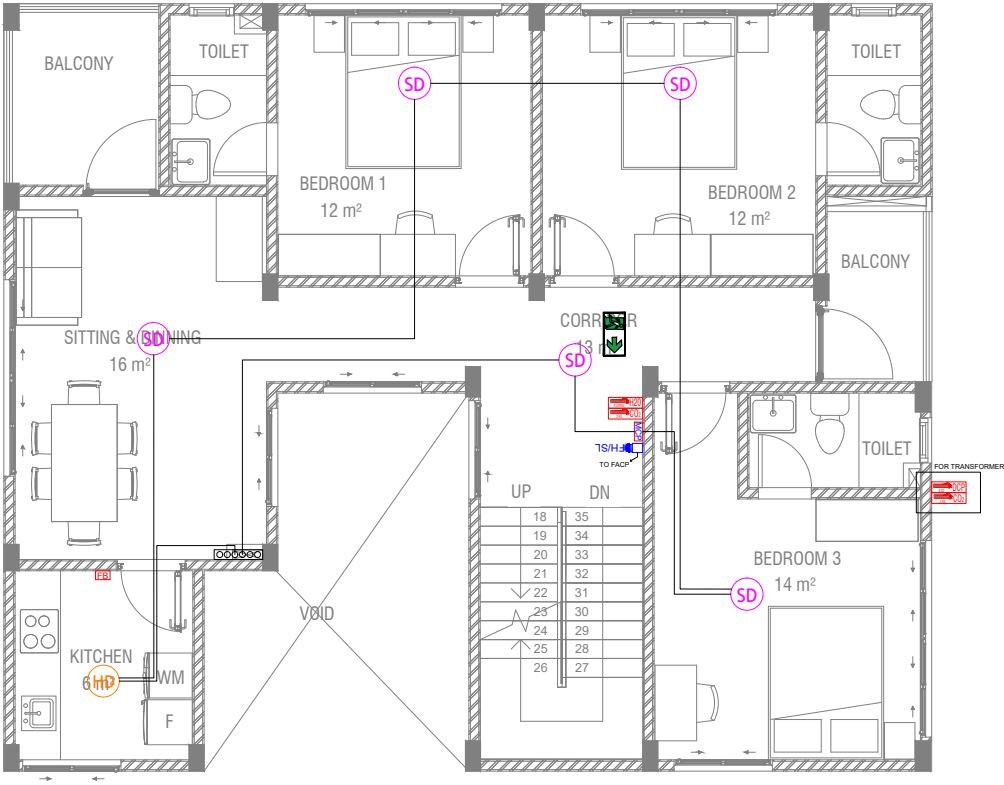
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3rd floor, H. Azum, Ameenemaguu, Male'



## GROUND FLOOR\_FDP LAYOUT

SCALE 1:100



## FIRST FLOOR\_FDP LAYOUT

SCALE 1:100



FDP LEGEND & ABBREVIATION	
	SMOKE DETECTOR
	HEAT DETECTOR
	FIRE ALARM CONTROL PANEL / REPEATER PANEL
	FIRE MANUAL CALL POINT
	FIRE ALARM SOUNDER WITH STROBE LIGHT 95DB
	FIRE EXTINGUISHERS - 9 LTRS H2O, 2KG CO2 & 6KG DRY CHEMICAL POWDER
	REFLECTIVE ILLUMINATION TYPE EXIT SIGNS
	ILLUMINATED TYPE DIRECTIONAL EXIT SIGNS W/ BACKUP BATTERIES
	FIRE BLANKET
	FRLS DETECTION CIRCUIT - 1.5MM2 X 2 CORE

### FDP NOTES

- ALL CALL POINTS, BEACONS AND DETECTORS CONNECTED TO THE RESPECTIVE FIRE ALARM CONTROL / REPEATER PANEL
- CONTRACTOR TO VERIFY CALCULATIONS, PREPARE SHOP DRAWINGS CONFORMING TO LOCAL REGULATIONS AND GET APPROVAL FROM CONSULTANT/PROJECT MANAGER FOR FIRE ALARM SYSTEM AND OTHER RELEVANT FDP POINT LOCATIONS INCLUDING CONDUITING, PIPING, WIRING AND OTHER RELEVANT EQUIPMENT AND TO BE VERIFIED AT SITE PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL BE RESPONSIBLE TO MODIFY, CHANGE, REROUTE, RELOCATE THE FDP POINTS AS PER THE SITE CONDITIONS AND SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO CONSTRUCTION
- CIRCUIT CONNECTION BETWEEN DETECTORS, MCP, ANNUNCIATORS ETC SHALL BE CONFORM VIA LOOP INTERFACE MODULES (ADDRESSABLE) WITH A MAXIMUM OF 126 DEVICES PER LOOP
- ALL FIRE CABLES AND CONDUITS SHOULD BE FIRE RETARDANT LOW SMOKE (FRLS) TYPE
- CONTRACTOR SHALL BE RESPONSIBLE TO FORM THE EMERGENCY EVACUATION PLAN ACCORDING TO LOCAL REGULATIONS AND STANDARDS AND TO BE APPROVED BY THE RELEVANT AUTHORITIES
- IF THE INSTALLATION OF CEILING IS CARRIED OUT LOWER THAN BEAM BOTTOM, FIRE DETECTORS SHOULD BE PLACED AS INDICATED ON THE DRAWING. ALTERNATIVELY, IF THE CEILING IS NOT INSTALLED, FIRE DETECTORS ARE TO BE PLACED IN BETWEEN EACH BEAM.
- THE FIRE PUMP CAPACITY MUST BE SUCH THAT WHEN THE TOP TWO MOST REELS ARE IN SIMULTANEOUS USE, EACH JET PROVIDES A 30 L/MIN FLOW & 6M LENGTH
- ALL FDP EQUIPMENT & INSTALLATIONS MUST MEET THE REQUIREMENTS SET BY LOCAL REGULATION & GUIDELINES FROM MNDF.

### GENERAL NOTES

### REVISIONS

REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY
REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY

### CONSULTANTS

LEAD CONSULTANT

### LANDSCAPE DESIGN

### REGISTERED LOCAL CONSULTANT

RIYAN PRIVATE LIMITED www.riyan.com.mv	
PROJECT NO.	R21323MNU
ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abidheen
MEP ENGINEER	Mohamed Evan Ibrahim
INT. DESIGNER	-
INFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDBY
APPROVED BY	APRVD

### PROJECT NAME

Preparation of Drawings for Gn.  
Fuvahmulah Campus (Staff  
Accommodation Block)

CLIENT **The Maldives National University**

DEVELOPER -

ATOLL **Gnaviyani Atoll (GN.)**

ISLAND **Gn. Fuvahmulah**

LAGOON (GPS COORDINATES) -

ISSUED FOR

**DDD\_DETAIL\_DESIGN**

BUILDING NAME

**STAFF ACCOMMODATION BLOCK**

ISSUE DATE 23/02/2023

DRAWING TITLES

**GROUND & FIRST FLOOR  
FIRE DETECTION AND PROTECTION  
LAYOUT**

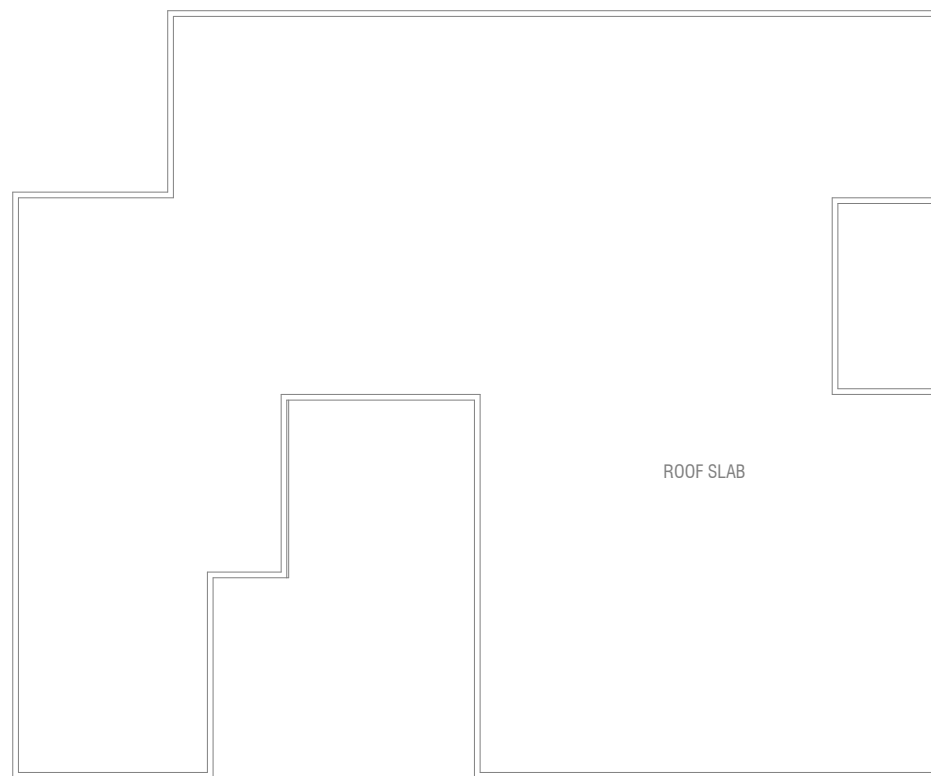
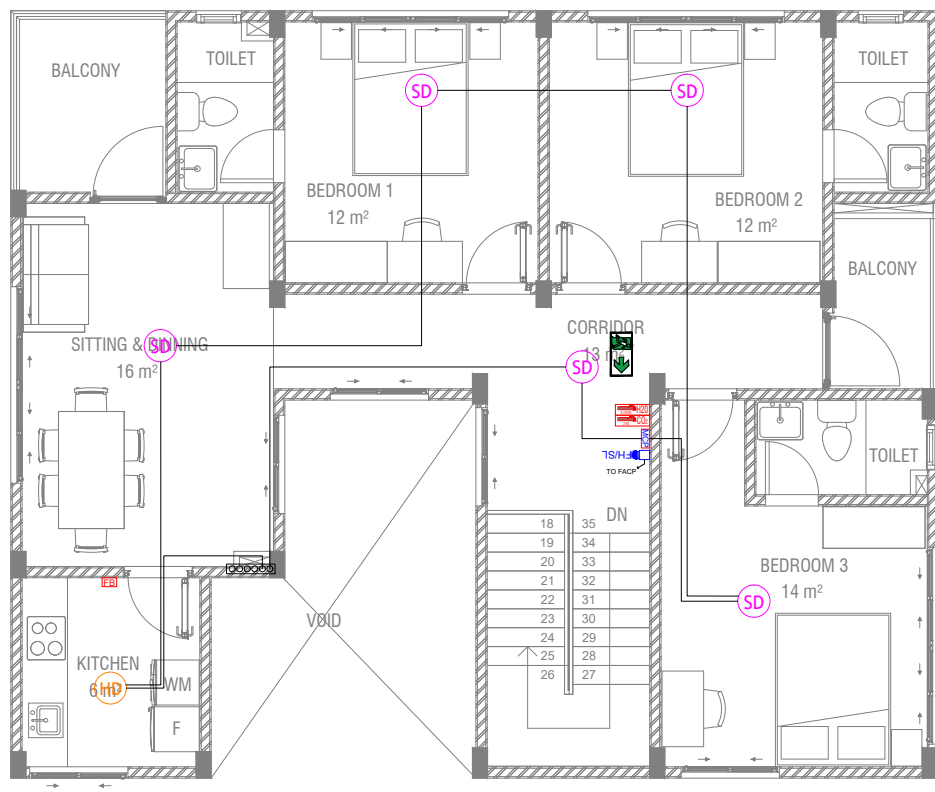
SHEET SIZE A3











SCALE 1:100

SHEET NO.

**FDP 001**

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FDP LEGEND & ABBREVIATION	
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	HEAT DETECTOR
	FIRE ALARM CONTROL PANEL / REPEATER PANEL
	FIRE MANUAL CALL POINT
	FIRE ALARM SOUNDER WITH STROBE LIGHT 95DB
	FIRE EXTINGUISHERS - 9 LTRS H2O, 2KG CO2 & 6KG DRY CHEMICAL POWDER
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	ILLUMINATED TYPE DIRECTIONAL EXIT SIGNS W/ BACKUP BATTERIES
	FIRE BLANKET
	FRLS DETECTION CIRCUIT - 1.5MM2 X 2 CORE

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## GENERAL NOTES

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## CONSULTANTS

LEAD CONSULTANT

## LANDSCAPE DESIGN

REGISTERED LOCAL CONSULTANT



RIYAN PRIVATE LIMITED  
www.rivan.com.my

PROJECT NO.	R21323MNU
ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abidtheen
MEP ENGINEER	Mohamed Evan Ibrahim
INT. DESIGNER	-
INFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDDBY
APPROVED BY	APPRD

## PROJECT NAME

### Preparation of Drawings for Gn. Fuvahmulah Campus (Staff Accommodation Block)

CLIENT	<b>The Maldives National University</b>
DEVELOPER	-
ATOLL	<b>Gnaviyani Atoll (GN.)</b>
ISLAND	<b>Gn. Fuvahmulah</b>
LAGOON (GPS COORDINATES)	-

ISSUED FOR

## DDD DETAIL DESIGN

BUILDING NAME

## STAFF ACCOMMODATION BLOCK

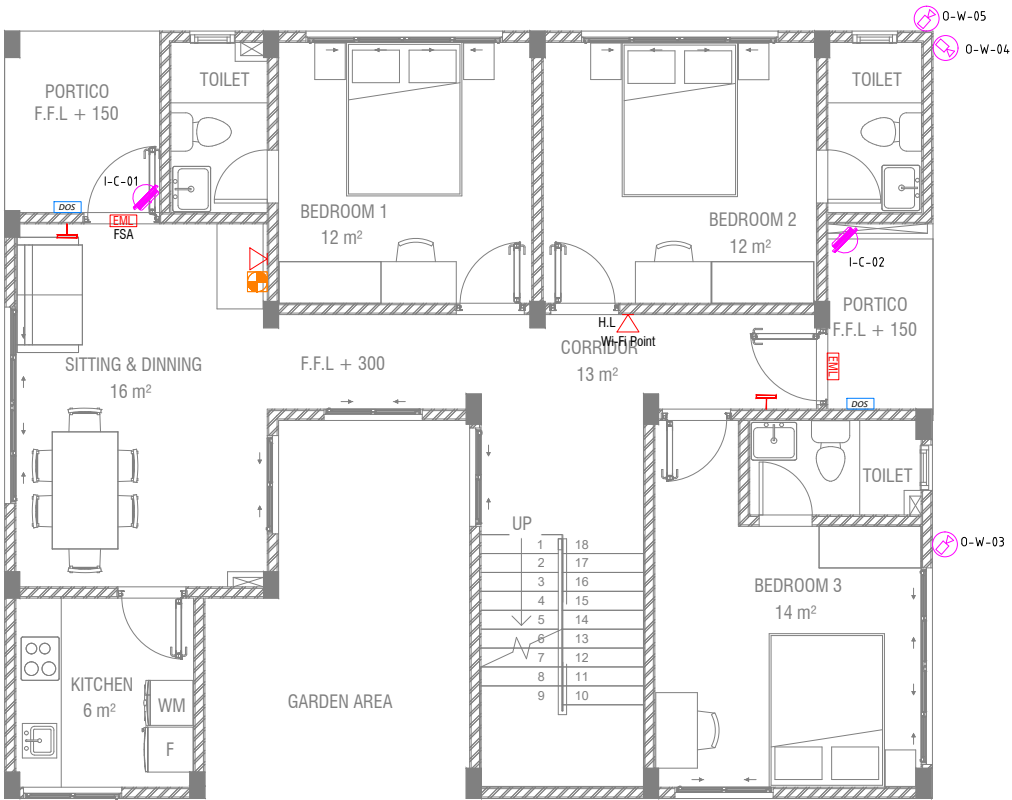
ISSUE DATE	23/02/2023
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## DRAWING TITLES

## SECOND FLOOR & ROOF FIRE DETECTION AND PROTECTION LAYOUT

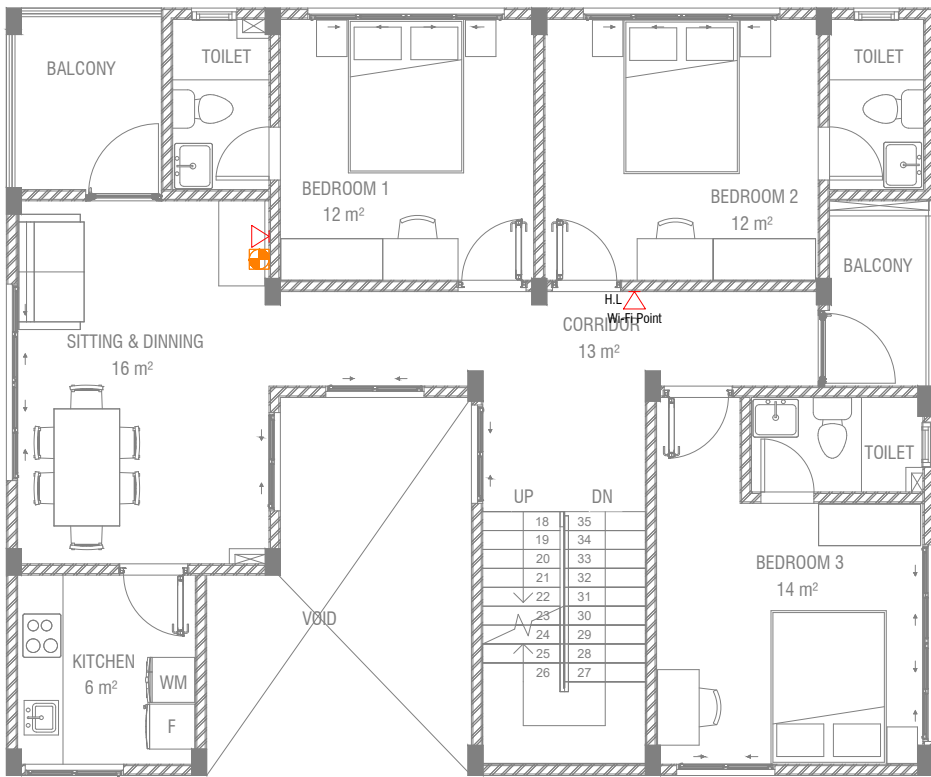
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SHEET NO. FDP 002			

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## GROUND FLOOR ICT LAYOUT

SCALE 1:100



## FIRST FLOOR ICT LAYOUT

SCALE 1:100



SECURITY LEGEND	
	EXIT SWITCH
	ELECTROMAGNETIC LOCK
	CEILING MOUNTED DOME IP CAMERA
	WALL MOUNTED BULLET IP CAMERA
	DOOR OPERATING SYSTEM
	TV DATA OUTLET
	DATA OUTLET

ICT NOTES	
- ALL CCTV, ICT, AND ELECTRONIC ACCESS CONTROL (EAC) NETWORK POINTS CONNECTED TO THE RESPECTIVE CONTROL PANEL	
- CONTRACTOR TO PREPARE SHOP DRAWINGS AND GET PRIOR APPROVAL FROM CONSULTANT/PROJECT MANAGER FOR EAC, CCTV, AND OTHER RELEVANT SECURITY POINTS INCLUDING CONDUITING AND WIRING AND TO BE VERIFIED AT SITE PRIOR TO CONSTRUCTION	
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F.R	FLOOR RECESSED / TABLE INTEGRATED
C.L	CEILING LEVEL OUTLETS
H.L	HIGH LEVEL OUTLETS ON WALL
FSA	FAIL-SAFE LOCK
FSE	FAIL-SECURE LOCK

### CAMERA TAG DETAILS

X-Y-ZZ

ZZ - DENOTES CAMERA NUMBER

Y - DENOTES MOUNTING HEIGHT IN METERS AND MOUNTING TYPE  
C - CEILING MOUNTED  
W - WALL MOUNTED  
P - POLE MOUNTED  
S - SUSPENDED FROM CEILING  
L - POLE MOUNTED

X - DENOTES OPERATIONAL FUNCTION (IEC EN62676-4:2015)  
D - DETECTION  
O - OBSERVATION  
R - RECOGNITION  
I - IDENTIFICATION  
V - VEHICLE VIEW  
Z - PTZ ZOOM LENS (OPERATED BY SECURITY)

### GENERAL NOTES

#### REVISIONS

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LAGOON (GPS COORDINATES) -

ISSUED FOR

**DDD\_DETAIL\_DESIGN**

BUILDING NAME

**STAFF ACCOMMODATION BLOCK**

ISSUE DATE 23/02/2023

DRAWING TITLES

**GROUND & FIRST FLOOR  
ICT & SECURITY LAYOUT**

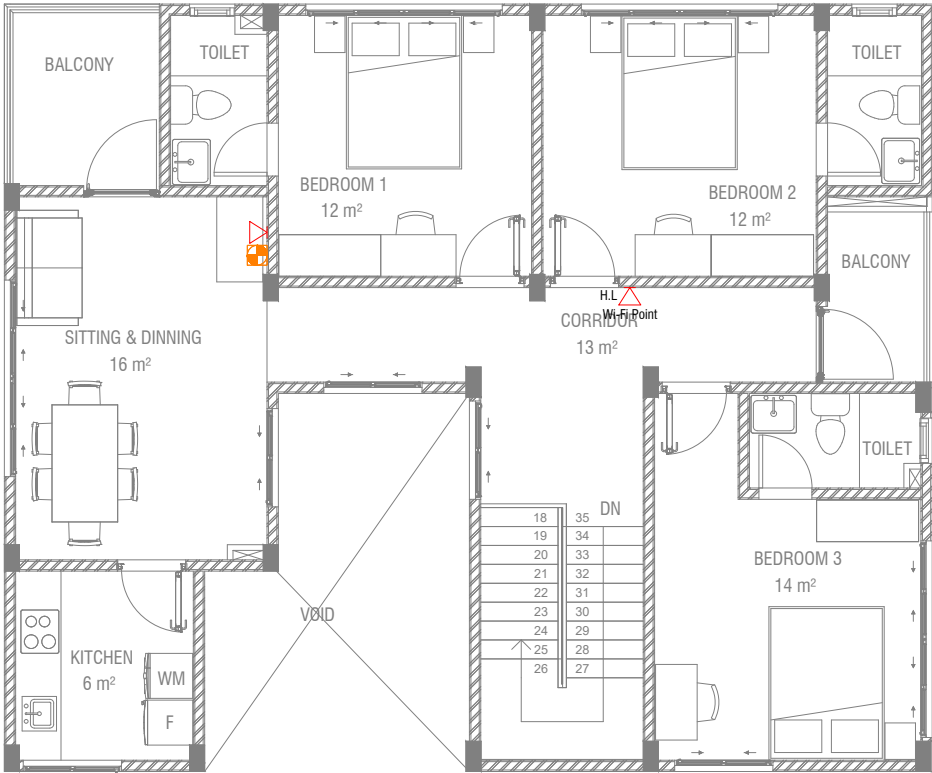
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SCALE 1:100

SHEET NO.

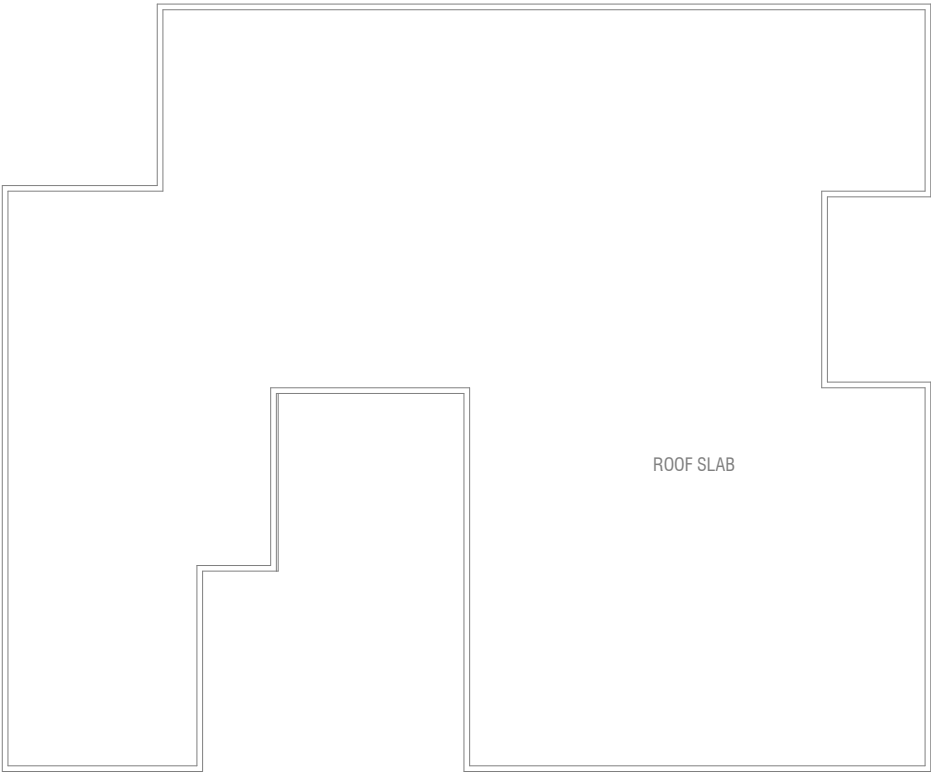
**ICT 001**

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SECOND FLOOR ICT LAYOUT

SCALE 1:100



ROOF PLAN

SCALE 1:100



SECURITY LEGEND	
	EXIT SWITCH
	ELECTROMAGNETIC LOCK
	CEILING MOUNTED DOME IP CAMERA
	WALL MOUNTED BULLET IP CAMERA
	DOOR OPERATING SYSTEM
	TV DATA OUTLET
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GENERAL NOTES

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CONSULTANTS

LEAD CONSULTANT

LANDSCAPE DESIGN

REGISTERED LOCAL CONSULTANT



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PROJECT NO.	R21323MNUJ
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INFRA. DESIGNER	-
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CHECKED BY	CHKDBY
APPROVED BY	APRVD

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ATOLL	Gnaviyani Atoll (GN.)
ISLAND	Gn. Fuvahmulah
LAGOON (GPS COORDINATES)	-

ISSUED FOR

DDD\_DETAIL\_DESIGN

BUILDING NAME

STAFF ACCOMMODATION BLOCK

ISSUE DATE 23/02/2023

DRAWING TITLES

SECOND FLOOR & ROOF ICT & SECURITY LAYOUT

SHEET SIZE	A3	SCALE	1:100
SHEET NO.	ICT 002		

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### GENERAL NOTES

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REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY

## LEAD CONSULTANT

LEAD CONSOLIDATION

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NFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDBY
APPROVED BY	APRVD

### Preparation of Drawings for Gn

### Preparation of Drawings for Gn. Fuvahmulah Campus (Staff Accommodation Block)

CLIENT	<b>The Maldives National University</b>
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LAGOON (GPS COORDINATES)	-

ISSUED FOR  
DDD DETAIL DESIGN

BUILDING NAME  
STAFF ACCOMMODATION BLOCK

ISSUE DATE 23/02/2023

## GROUND &amp; FIRST FLOOR

## GROUND & FIRST FLOOR AIR-CONDITIONING & MECHANICAL VENTILATION LAYOUT

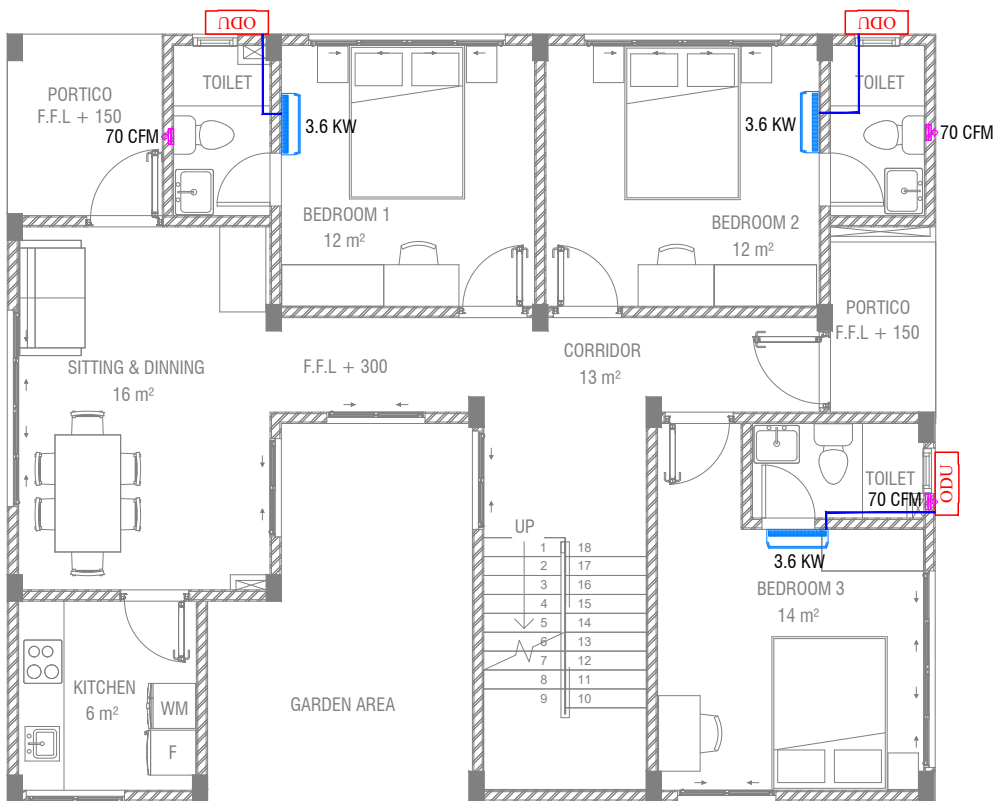
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SHEET NO.  
ACMV 001

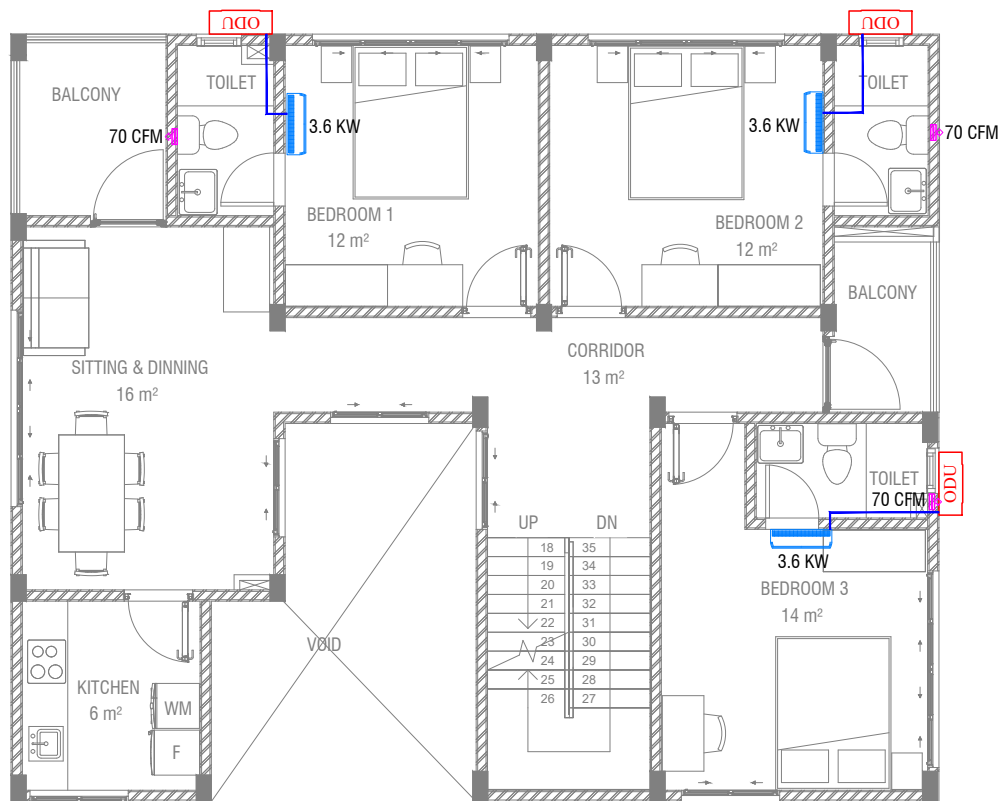
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## NOTE

- The AC unit shall be suitable for operation under tropical condition with ambient temperature and relative humidity
- The minimum Energy efficient value [EER]for AC unit Should be 3.5 [KW/KW]
- All ACV equipments shall be anti corrosive coated
- Aluminium cladding to be provided over the insulation for the exposed duct and pipe works
- U Trap shall be provided in the drain piping (wherever required)
- Air outlet shall be completely factory aluminium extruded with powder coated and the colour shall be the approval of the interior design
- Air outlet location and size shall be adjusted to suit reflected ceiling drawing,or site condition
- Louver with bird screen to be provided for all the fresh air and exhaust air duct
- Kitchen hood exhaust should be provided in the kitchen areas
- Contractor shall be responsible to provide electrical power requirements to electrical contractor
- Contractor shall be responsible to design check, prepare shop drawings to conforming to local regulations and get approval from consultant/project manager for ACMV points including conduiting,piping and other relevant equipment and to be verified at site prior to construction
- Contractor shall be responsible for coordination of all other services
- Contractor shall be responsible to modify,change,reroute,re locate as per the site condition and submit shop drawing for approval
- Contractor to provided detailed shop drawings before starting works







## GROUND FLOOR - ACMV LAYOUT



## FIRST FLOOR- ACMV LAYOUT

### ACMV LEGEND

	WALL MOUNTED UNIT
	OUTDOOR UNIT [SIDE DISCHARGE]
	REFRIGERANT PIPES WITH INSULATION
	WALL MOUNTED FAN



### GENERAL NOTES

REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY
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[illegible]

## LEAD CONSULTANT

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ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abiddeen
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DEVELOPER	-
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SLAND	Gn. Fuvahmulah
LAGOON (GPS COORDINATES)	-
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BUILDING NAME	
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ISSUE DATE	23/02/2023

## SECOND FLOOR &amp; ROOF

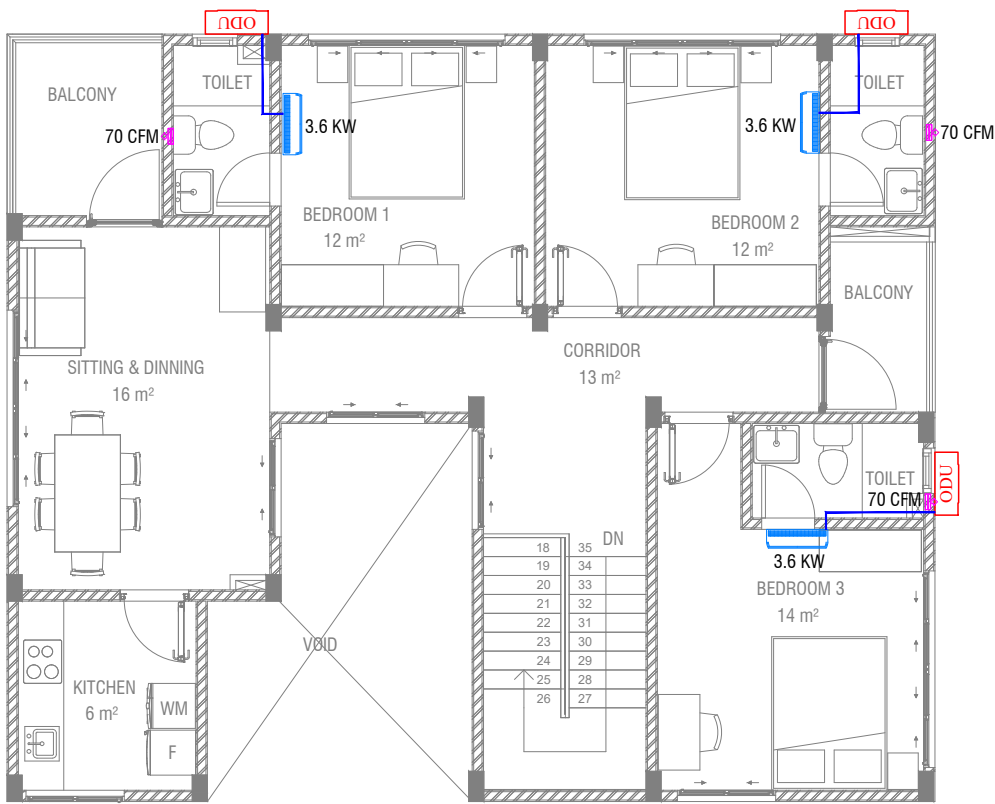
## SECOND FLOOR & ROOF AIR-CONDITIONING & MECHANICAL VENTILATION LAYOUT

SHEET SIZE	A3	SCALE	1:100
SHEET NO.			
ACMV 002			

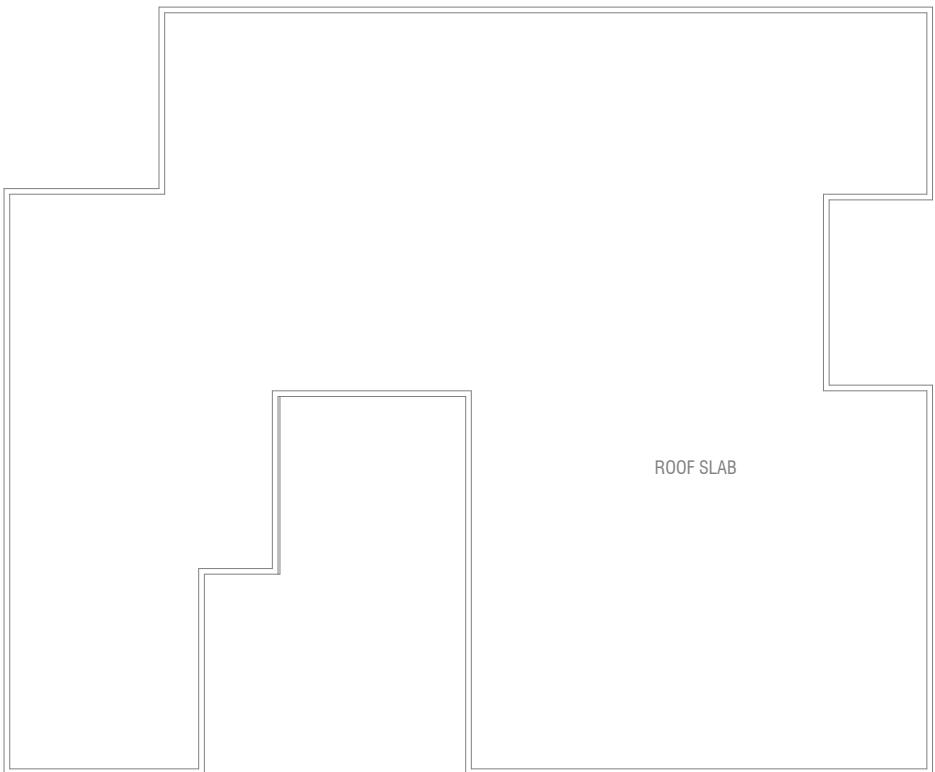
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NOTE

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## SECOND FLOOR - ACMV LAYOUT

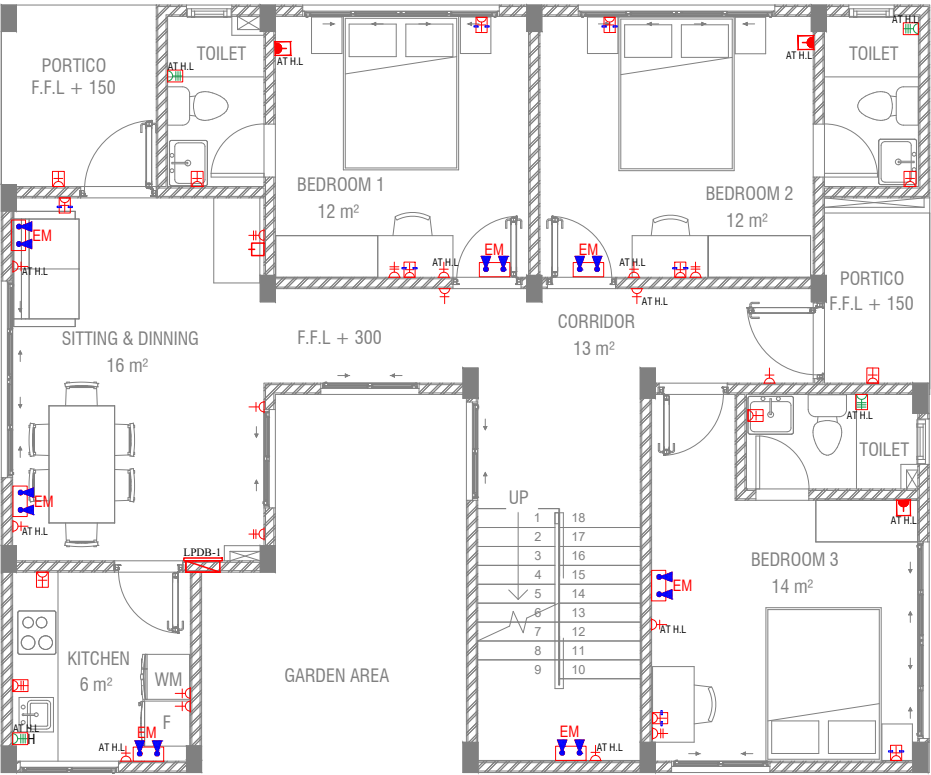


## ROOF PLAN

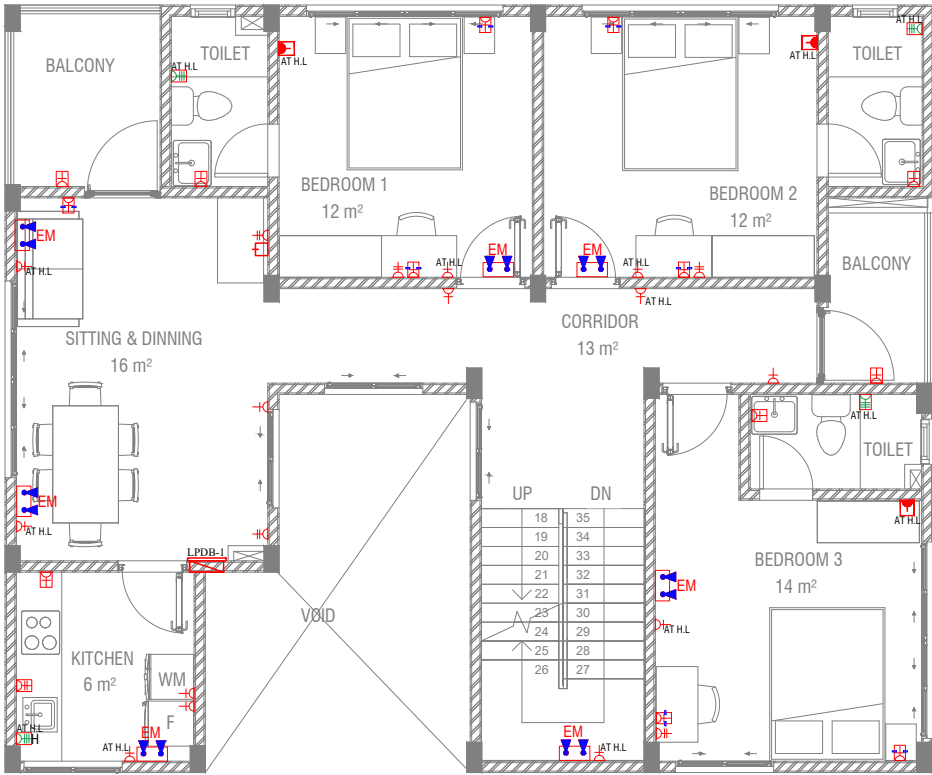
### ACMV LEGEND

	WALL MOUNTED UNIT
	ODU UNIT [SIDE DISCHARGE]
	REFRIGERANT PIPES WITH INSULATION
	WALL MOUNTED FAN





GROUND FLOOR - POWER LAYOUT



FIRST FLOOR - POWER LAYOUT



POWER SUPPLY LEGEND:	
SYMBOL	DESCRIPTION
	TWO-GANG TV SOCKET OUTLET
	13A POWER OUTLET
	20A SOCKETS FOR AC
	13A TWIN SOCKET OUTLET
	16A SWITCHED SOCKET OUTLET@H.L
	SINGLE PHASE INDUSTRIAL SOCKET-IP-66
	THREE PHASE INDUSTRIAL SOCKET-IP-66
	WEATHER PROOF POLYCARBONATE ENCLOSURE
	EMERGENCY TWIN LIGHT - WEATHER PROOF
	DISTRIBUTION BOARD

- NOTE :
- ALL POWER POINTS CONNECTED TO THE RESPECTIVE DB
  - CONTRACTOR TO PREPARE SHOP DRAWINGS AND GET APPROVAL FROM CONSULTANT/PROJECT MANAGER FOR ALL LIGHTS, SWITCHES, DB, PANEL BOARD, EAC, REQUIRED ISOLATORS, ACV SERVICES AND OTHER RELEVANT LIGHTING AND POWER POINT LOCATIONS INCLUDING CONDUITING AND WIRING AND TO BE VERIFIED AT SITE PRIOR TO CONSTRUCTION
  - CONTRACTOR SHALL BE RESPONSIBLE TO MODIFY, CHANGE, REROUTE, RELOCATE THE LIGHTING AND POWER POINTS AS PER THE SITE CONDITIONS AND SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO CONSTRUCTION
  - CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ELECTRICAL POWER REQUIREMENTS AND POWER POINTS FOR MECHANICAL VENTILATION DEVICES TO ELECTRICAL CONTRACTOR
  - OT, RADIOLOGY, ECG/EEG AND SCAN ROOMS' POWER CONSUMPTION IS IN GENERAL. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH RELEVANT EQUIPMENT MANUFACTURERS REGARDING EQUIPMENT POWER CONSUMPTION.
  - ALL ELECTRICAL COMPONENT CONNECTED TO THEIR RESPECTIVE DB.
  - POLYCARBONATE ENCLOSURE TO ALL SWITCH AND SOCKET WHICH ARE LOCATED AT OUTDOOR.
  - CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH ACV CONTRACTOR FOR POWER REQUIREMENTS.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL OTHER SERVICES.
  - CONTRACTOR SHALL BE RESPONSIBLE TO MODIFY CHANGE, REROUTE RELOCATE AS PER SITE CONDITION AND SUBMIT SHOP DRAWINGS FOR APPROVAL.
  - CONTRACTOR TO PROVIDE DETAIL SHOP DRAWINGS PRIOR TO INITIATE WORKS ON SITE.

GENERAL NOTES

REVISIONS				
REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY
REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY

CONSULTANTS

LEAD CONSULTANT

LANDSCAPE DESIGN

REGISTERED LOCAL CONSULTANT



RIYAN PRIVATE LIMITED  
www.riyan.com.mv

PROJECT NO.	R21323MNU
ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abidheen
MEP ENGINEER	Saravanaraj Sundharalingam
INT. DESIGNER	-
INFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDBY
APPROVED BY	APRVD

PROJECT NAME

Preparation of Drawings for Gn.  
Fuvahmulah Campus (Staff  
Accommodation Block)

CLIENT	The Maldives National University
DEVELOPER	-
ATOLL	Gnaviyani Atoll (GN.)
ISLAND	Gn. Fuvahmulah
LAGOON (GPS COORDINATES)	-

ISSUED FOR  
DDD\_DETAIL\_DESIGN

BUILDING NAME  
STAFF ACCOMMODATION BLOCK

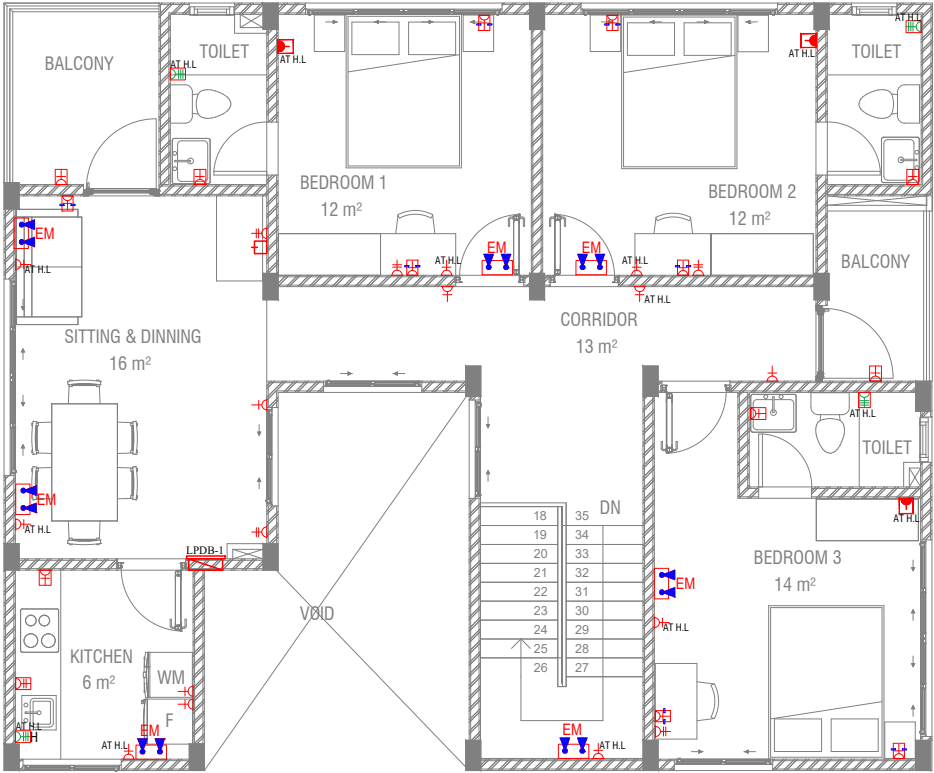
ISSUE DATE 23/02/2023

DRAWING TITLES

GROUND & FIRST FLOOR  
ELECTRICAL POWER LAYOUT

SHEET SIZE	A3	SCALE	1:100
SHEET NO.	EP 001		

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## SECOND FLOOR - POWER LAYOUT

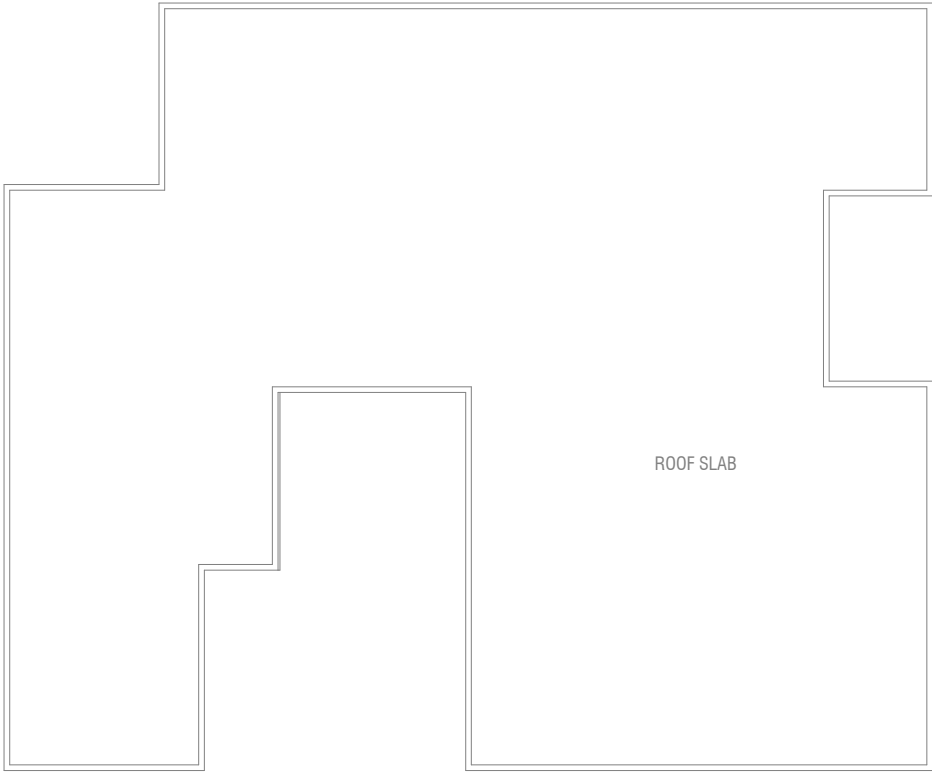
SCALE 1:100



POWER SUPPLY LEGEND:	
SYMBOL	DESCRIPTION
	TWO-GANG TV SOCKET OUTLET
	13A POWER OUTLET
	20A SOCKETS FOR AC
	13A TWIN SOCKET OUTLET
	16A SWITCHED SOCKET OUTLET@H.L
	SINGLE PHASE INDUSTRIAL SOCKET-IP-66
	THREE PHASE INDUSTRIAL SOCKET-IP-66
	WEATHER PROOF POLYCARBONATE ENCLOSURE
	EMERGENCY TWIN LIGHT – WEATHER PROOF
	DISTRIBUTION BOARD

NOTE :

- ALL POWER POINTS CONNECTED TO THE RESPECTIVE DB
- CONTRACTOR TO PREPARE SHOP DRAWINGS AND GET APPROVAL FROM CONSULTANT/PROJECT MANAGER FOR ALL LIGHTS, SWITCHES, DB, PANEL BOARD, EAC, REQUIRED ISOLATORS, ACV SERVICES AND OTHER RELEVANT LIGHTING AND POWER POINT LOCATIONS INCLUDING CONDUITING AND WIRING AND TO BE VERIFIED AT SITE PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL BE RESPONSIBLE TO MODIFY, CHANGE, REROUTE, RELOCATE THE LIGHTING AND POWER POINTS AS PER THE SITE CONDITIONS AND SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ELECTRICAL POWER REQUIREMENTS AND POWER POINTS FOR MECHANICAL VENTILATION DEVICES TO ELECTRICAL CONTRACTOR
- OT, RADIOLOGY, ECG/EEG AND SCAN ROOMS’ POWER CONSUMPTION IS IN GENERAL. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH RELEVANT EQUIPMENT MANUFACTURERS REGARDING EQUIPMENT POWER CONSUMPTION.
- ALL ELECTRICAL COMPONENT CONNECTED TO THEIR RESPECTIVE DB.
- POLYCARBONATE ENCLOSURE TO ALL SWITCH AND SOCKET WHICH ARE LOCATED AT OUTDOOR.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH ACV CONTRACTOR FOR POWER REQUIREMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL OTHER SERVICES.
- CONTRACTOR SHALL BE RESPONSIBLE TO MODIFY CHANGE, REROUTE RELOCATE AS PER SITE CONDITION AND SUBMIT SHOP DRAWINGS FOR APPROVAL.
- CONTRACTOR TO PROVIDE DETAIL SHOP DRAWINGS PRIOR TO INITIATE WORKS ON SITE.



## ROOF PLAN

SCALE 1:100



### GENERAL NOTES

#### REVISIONS

REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY
REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY

#### CONSULTANTS

LEAD CONSULTANT

#### LANDSCAPE DESIGN

#### REGISTERED LOCAL CONSULTANT



RIYAN PRIVATE LIMITED

www.riyan.com.mv

PROJECT NO.	R21323MNU
ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abidheen
MEP ENGINEER	Saravanaraj Sundharalingam
INT. DESIGNER	-
INFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDBY
APPROVED BY	APRVD

#### PROJECT NAME

Preparation of Drawings for Gn.  
Fuvahmulah Campus (Staff  
Accommodation Block)

CLIENT **The Maldives National University**

DEVELOPER -

ATOLL **Gnaviyani Atoll (GN.)**

ISLAND **Gn. Fuvahmulah**

LAGOON (GPS COORDINATES) -

ISSUED FOR

**DDD\_DETAIL\_DESIGN**

BUILDING NAME

**STAFF ACCOMMODATION BLOCK**

ISSUE DATE 23/02/2023

DRAWING TITLES

**SECOND FLOOR & ROOF  
ELECTRICAL POWER LAYOUT**

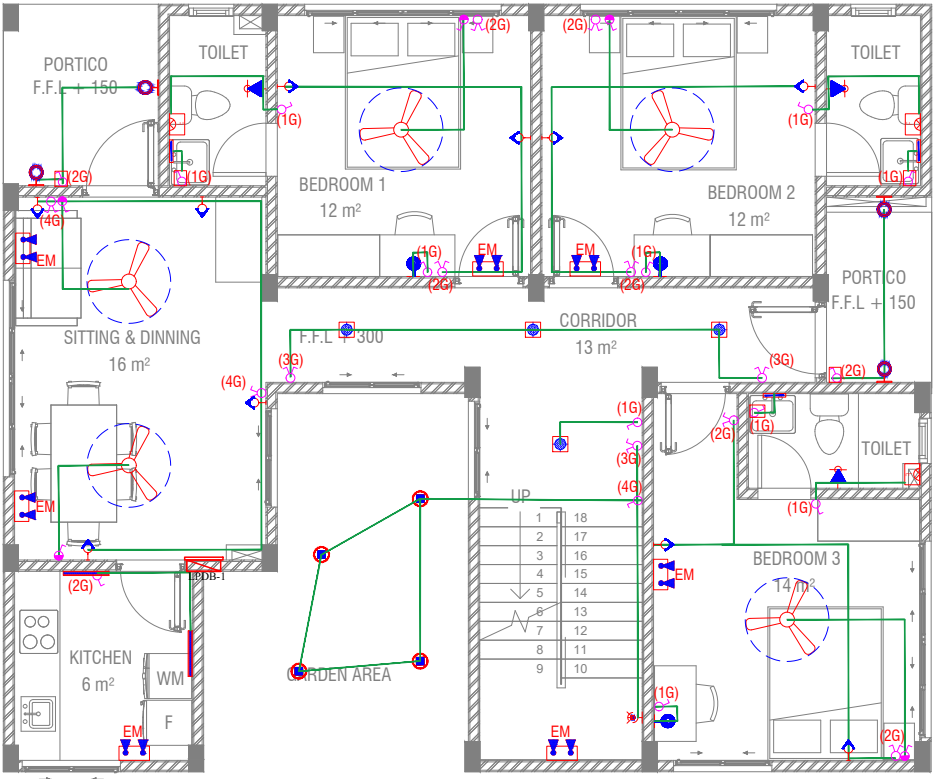
SHEET SIZE A3

SCALE 1:100

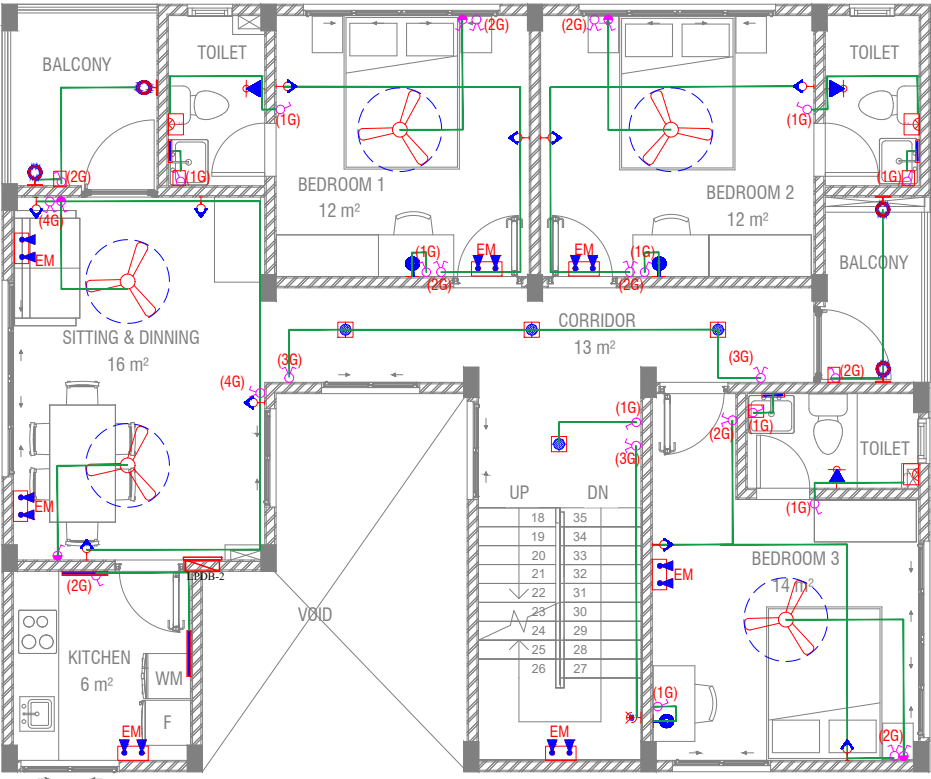
SHEET NO.

EP 002

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GROUND FLOOR - LIGHTING LAYOUT



FIRST FLOOR - LIGHTING LAYOUT



POWER SUPPLY LEGEND:	
SYMBOL	DESCRIPTION
	LED LINEAR TYPE LIGHT FIXTURES(600mm) (15W)
	LED INDOOR WALL LIGHT UP/DOWN (20W)
	LED MIRROR LIGHT IP65 (3W)
	LED RECESSED LIGHT TYPE 2 (15W)
	OUTDOOR WALL LIGHT 18W-WEATHER PROOF
	LED LIGHT (10W)
	LED INDOOR WALL READING TABLE LIGHT (10W)
	FLEX.POWER OUTLET WITH COVER PLATE (EXHAUST FAN)
	CEILING FAN (52"-54")
	OUTDOOR UP LIGHT 12W-WEATHER PROOF
	LIGHTING SWITCH-ONE GANG-1200mm F.F.L
	FAN SWITCH W/REGULATOR-1200mm F.F.L
	LIGHTING SWITCH-TWO WAY -1200mm F.F.L
	LIGHTING SWITCH-DOUBLE POLE -1200mm F.F.L
	WEATHER PROOF POLYCARBONATE ENCLOSURE
	LIGHTING CABLE

- NOTE:
- ALL LIGHTS TO BE CONNECTED TO THEIR RESPECTIVE DB
  - ALL CORRIDOR & OUTDOOR LIGHTS ARE TIMER CONTROL
  - CONTRACTOR TO PREPARE SHOP DRAWINGS AND GET APPROVAL FROM CONSULTANT AND/OR PROJECT MANAGER FOR ALL LIGHTS, SWITCHES, DB, PANEL BOARD AND OTHER RELEVANT LIGHTING AND POWER POINT LOCATIONS INCLUDING CONDUITING AND WIRING AND TO BE VERIFIED AT SITE PRIOR TO CONSTRUCTION ALL ELECTRICAL COMPONENT CONNECTED TO THEIR RESPECTIVE DB.
  - POLYCARBONATE ENCLOSURE TO ALL SWITCH AND SOCKET WHICH ARE LOCATED AT OUTDOOR.
  - CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH ACV CONTRACTOR FOR POWER REQUIREMENTS.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL OTHER SERVICES.
  - CONTRACTOR SHALL BE RESPONSIBLE TO MODIFY CHANGE, REROUTE RELOCATE AS PER SITE CONDITION AND SUBMIT SHOP DRAWINGS FOR APPROVAL.
  - CONTRACTOR TO PROVIDE DETAIL SHOP DRAWINGS PRIOR TO INITIATE WORKS ON SITE.

GENERAL NOTES

REVISIONS


REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY
REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY

CONSULTANTS

LEAD CONSULTANT

LANDSCAPE DESIGN

REGISTERED LOCAL CONSULTANT

 RIYAN PRIVATE LIMITED www.riyan.com.mv	
PROJECT NO.	R21323MNU
ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abidheen
MEP ENGINEER	Saravanaraj Sundharalingam
INT. DESIGNER	-
INFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDBY
APPROVED BY	APRVD

PROJECT NAME

Preparation of Drawings for Gn.  
Fuvahmulah Campus (Staff  
Accommodation Block)

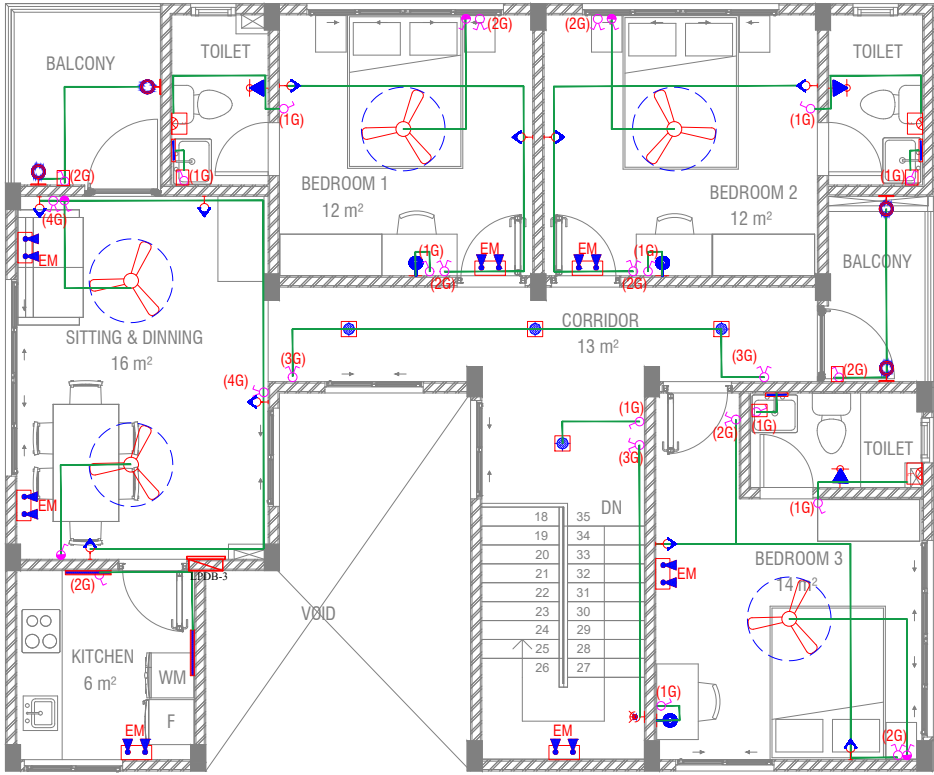
CLIENT	The Maldives National University
DEVELOPER	-
ATOLL	Gnaviyani Atoll (GN.)
ISLAND	Gn. Fuvahmulah
LAGOON (GPS COORDINATES)	-
ISSUED FOR	DDD_DETAIL_DESIGN
BUILDING NAME	STAFF ACCOMMODATION BLOCK
ISSUE DATE	23/02/2023

DRAWING TITLES

GROUND & FIRST FLOOR  
ELECTRICAL LIGHTING LAYOUT

SHEET SIZE	A3	SCALE	1:100
SHEET NO.	EL 001		

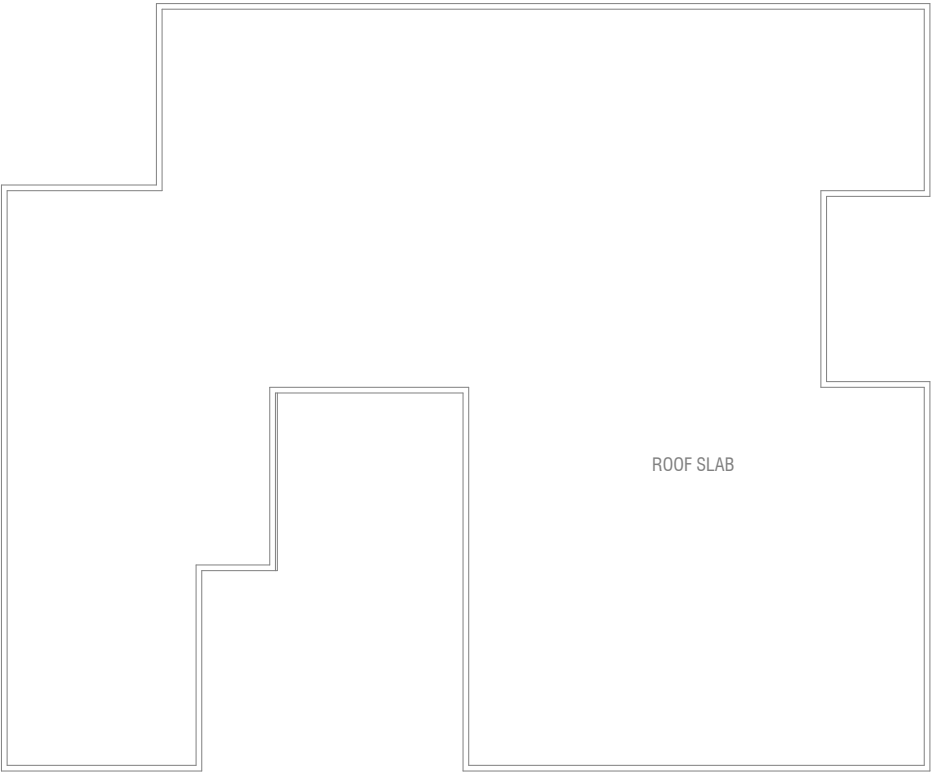
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SECOND FLOOR - LIGHTING LAYOUT

SCALE 1:100

0 0.5 1 2 3 4 5



ROOF PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

POWER SUPPLY LEGEND:	
SYMBOL	DESCRIPTION
	LED LINEAR TYPE LIGHT FIXTURES(600mm) (15W)
	LED INDOOR WALL LIGHT UP/DOWN (20W)
	LED MIRROR LIGHT IP65 (3W)
	LED RECESSED LIGHT TYPE 2 (15W)
	OUTDOOR WALL LIGHT 18W-WEATHER PROOF
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	CEILING FAN (52"-54")
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	LIGHTING SWITCH-ONE GANG-1200mm F.F.L
	FAN SWITCH W/REGULATOR-1200mm F.F.L
	LIGHTING SWITCH-TWO WAY -1200mm F.F.L
	LIGHTING SWITCH-DOUBLE POLE -1200mm F.F.L
	WEATHER PROOF POLYCARBONATE ENCLOSURE
	LIGHTING CABLE

- NOTE:
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  - ALL CORRIDOR & OUTDOOR LIGHTS ARE TIMER CONTROL
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  - CONTRACTOR TO PROVIDE DETAIL SHOP DRAWINGS PRIOR TO INITIATE WORKS ON SITE.

GENERAL NOTES

REVISIONS


REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY
REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY

CONSULTANTS

LEAD CONSULTANT

LANDSCAPE DESIGN

REGISTERED LOCAL CONSULTANT

 RIYAN PRIVATE LIMITED www.riyan.com.mv	
PROJECT NO.	R21323MNU
ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abidheen
MEP ENGINEER	Saravanaraj Sundharalingam
INT. DESIGNER	-
INFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDBY
APPROVED BY	APRVD

PROJECT NAME

Preparation of Drawings for Gn.  
Fuvahmulah Campus (Staff  
Accommodation Block)

CLIENT	The Maldives National University
DEVELOPER	-
ATOLL	Gnaviyani Atoll (GN.)
ISLAND	Gn. Fuvahmulah
LAGOON (GPS COORDINATES)	-

ISSUED FOR

DDD\_DETAIL\_DESIGN

BUILDING NAME

STAFF ACCOMMODATION BLOCK

ISSUE DATE 23/02/2023

DRAWING TITLES

SECOND FLOOR & ROOF  
ELECTRICAL LIGHTING LAYOUT

SHEET SIZE	A3	SCALE	1:100
SHEET NO.	EL 002		

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## CONSULTANTS

LANDSCAPE DESIGN



PROJECT NAME

**CLIENT**      **The Maldives National University**

DEVELOPER -

ATOLL **Gnaviyani Atoll (GN )**

SLAND Gn Euyahmulah

AGDON (GPS COORDINATES) -

ISSUED FOR

## DDD DETAIL DESIGN

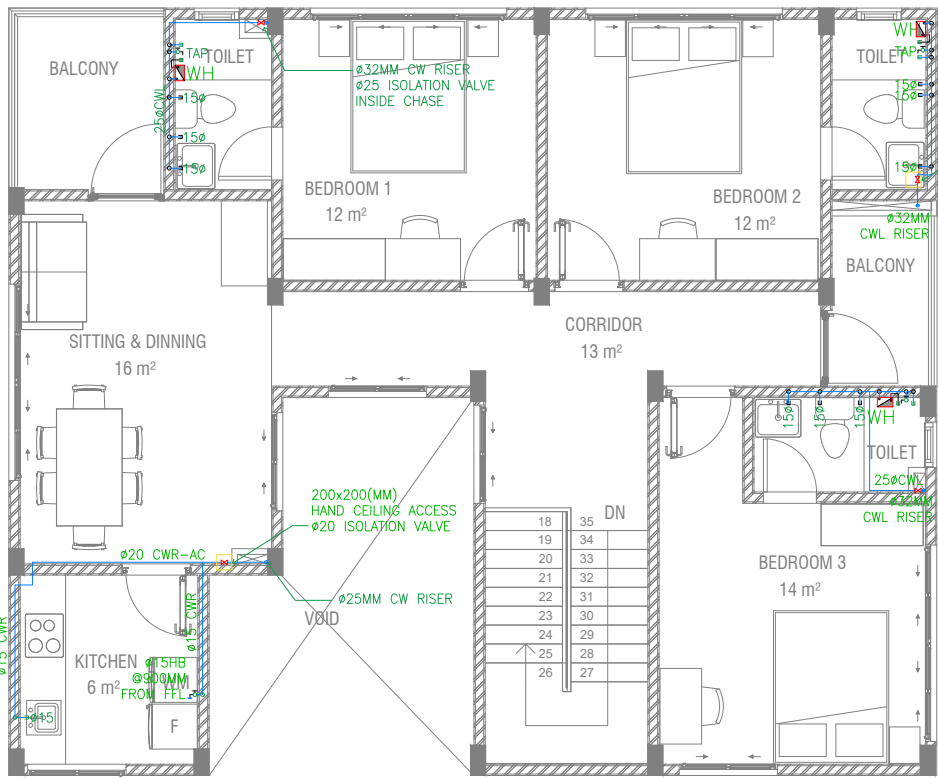
BUILDING NAME

### STAFF ACCOMMODATION BLOCK

ISSUE DATE 23/02/2023

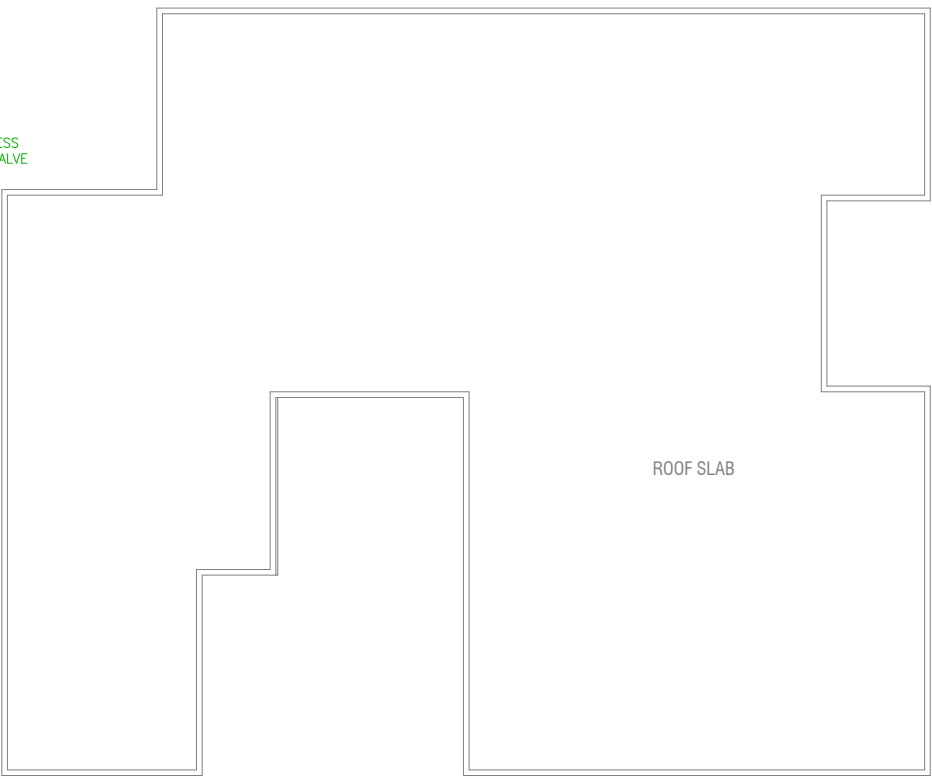
### DRAWING TITLES

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SECOND FLOOR\_HOT AND COLD WATER LAYOUT

SCALE 1:100



ROOF PLAN

SCALE 1:100



GENERAL NOTES

REVISIONS

REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY
REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY

CONSULTANTS

LEAD CONSULTANT

LANDSCAPE DESIGN

REGISTERED LOCAL CONSULTANT



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PROJECT NO.	R21323MNUJ
ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abidheen
MEP ENGINEER	Mark Kenn Brito
INT. DESIGNER	-
INFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDBY
APPROVED BY	APRVD

PROJECT NAME

Preparation of Drawings for Gn.  
Fuvahmulah Campus (Staff  
Accommodation Block)

CLIENT The Maldives National University

DEVELOPER -

ATOLL Gnaviyani Atoll (GN.)

ISLAND Gn. Fuvahmulah

LAGOON (GPS COORDINATES) -

ISSUED FOR

DDD\_DETAIL\_DESIGN

BUILDING NAME

STAFF ACCOMMODATION BLOCK

ISSUE DATE 23/02/2023

DRAWING TITLES

SECOND FLOOR & ROOF  
WATER SUPPLY LAYOUT

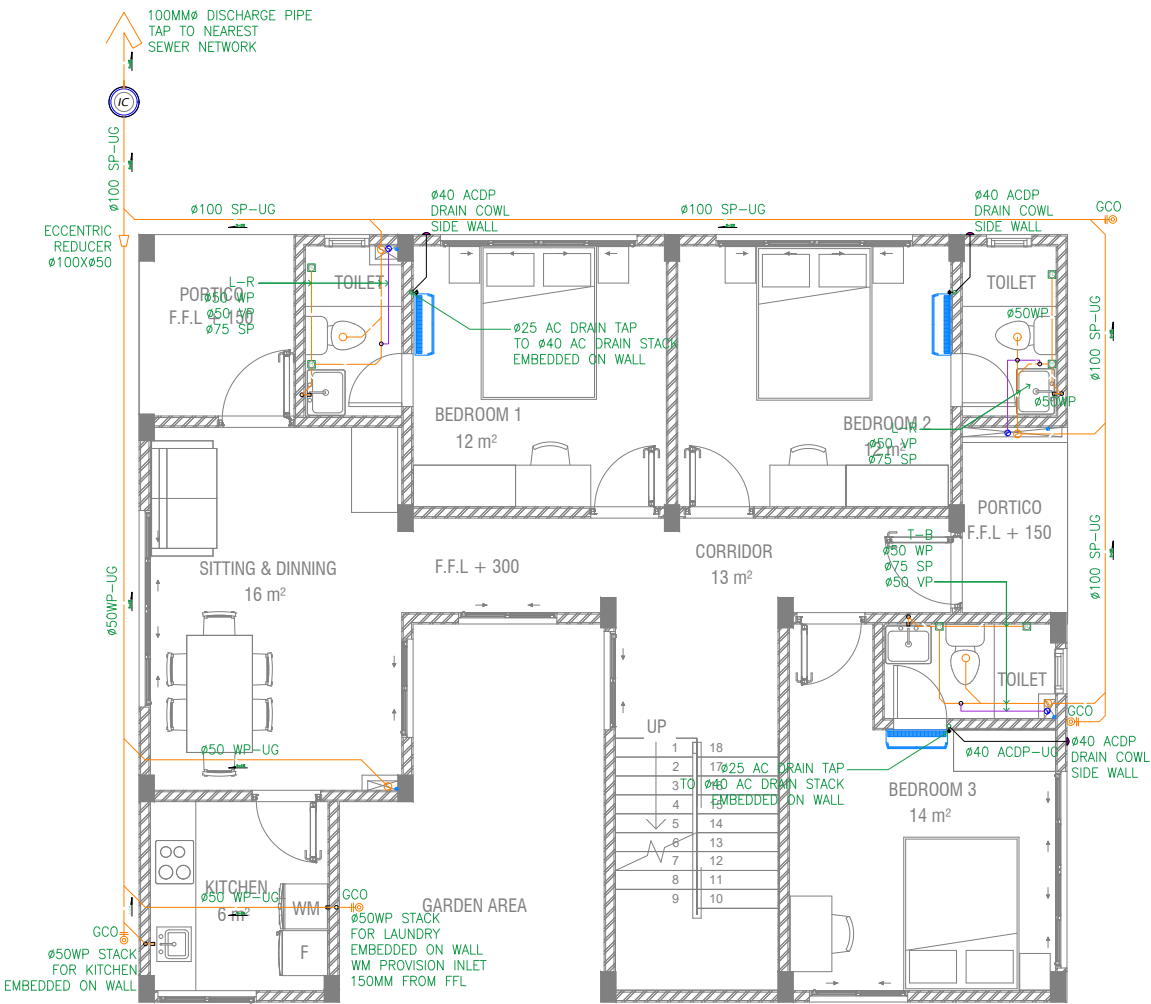
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SHEET NO.

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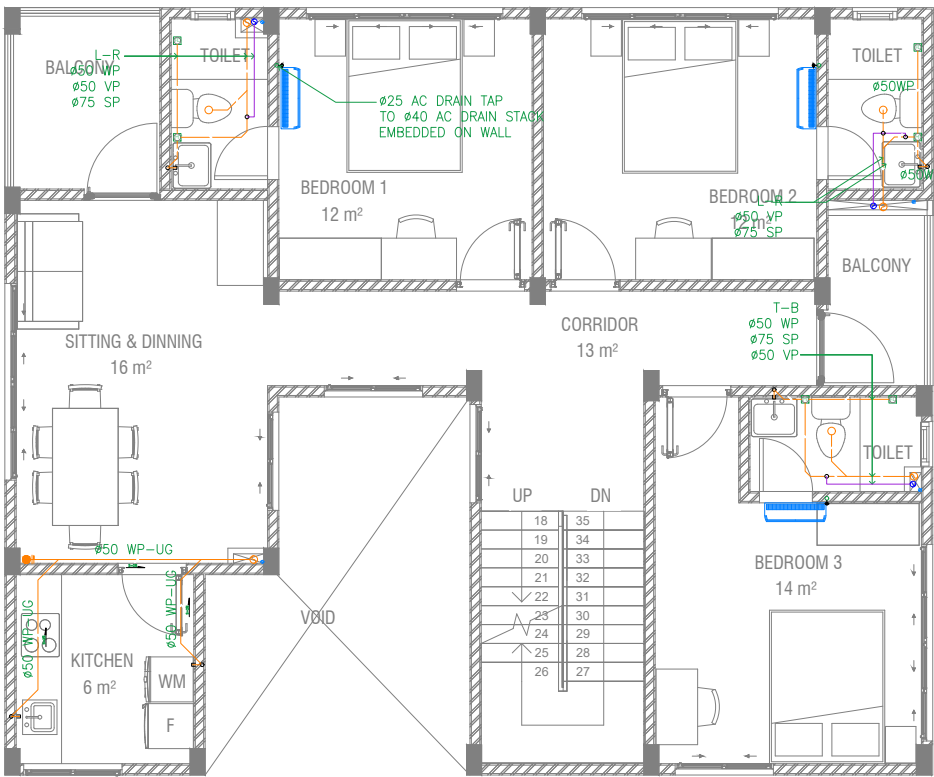
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GROUND FLOOR\_DRAINAGE & SEWERAGE LAYOUT

SCALE 1:100



FIRST FLOOR\_DRAINAGE & SEWERAGE LAYOUT

SCALE 1:100



GENERAL NOTES

REVISIONS

REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY
REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY

CONSULTANTS

LEAD CONSULTANT

LANDSCAPE DESIGN

REGISTERED LOCAL CONSULTANT



RIYAN PRIVATE LIMITED

www.riyan.com.mv

PROJECT NO.	R21323MNU
ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abidheen
MEP ENGINEER	Mark Kenn Brito
INT. DESIGNER	-
INFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDBY
APPROVED BY	APRVD

PROJECT NAME

Preparation of Drawings for Gn.  
Fuvahmulah Campus (Staff  
Accommodation Block)

CLIENT      **The Maldives National University**

DEVELOPER      -

ATOLL      **Gnaviyani Atoll (GN.)**

ISLAND      **Gn. Fuvahmulah**

LAGOON (GPS COORDINATES)      -

ISSUED FOR

**DDD\_DETAIL\_DESIGN**

BUILDING NAME

**STAFF ACCOMMODATION BLOCK**

ISSUE DATE      23/02/2023

DRAWING TITLES

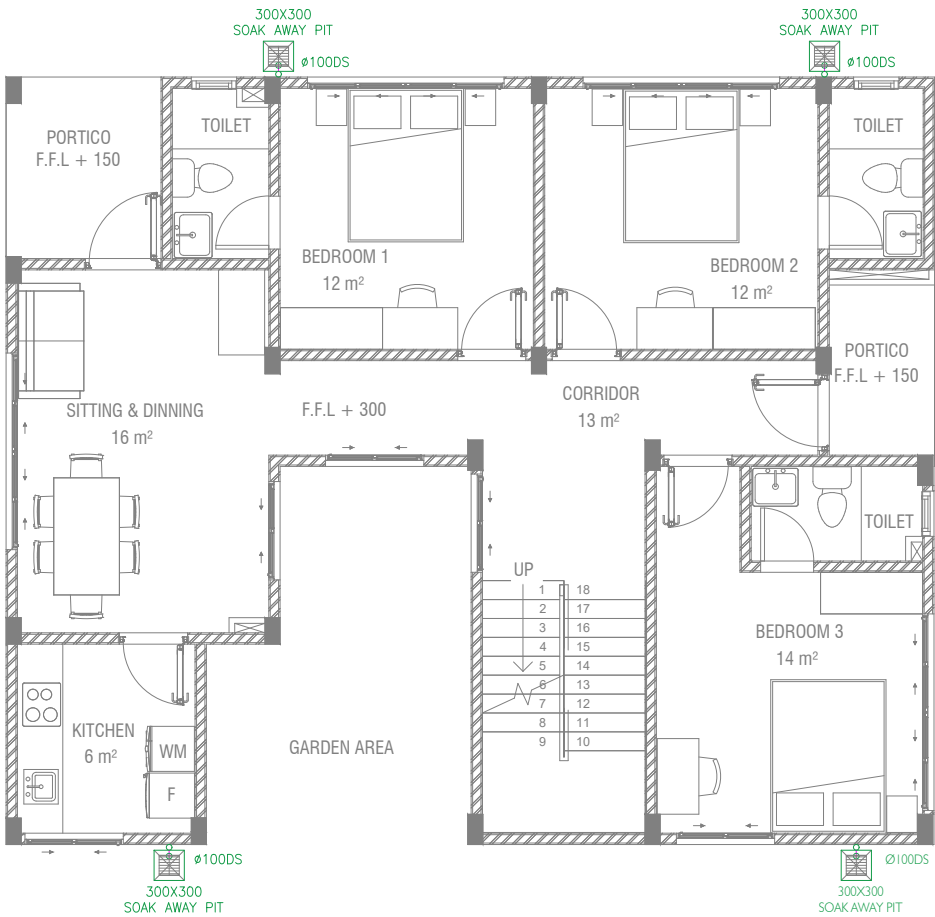
**GROUND & FIRST FLOOR  
DRAINAGE & SEWERAGE LAYOUT**

SHEET SIZE	A3	SCALE	1:100
SHEET NO.	DRSW 001		

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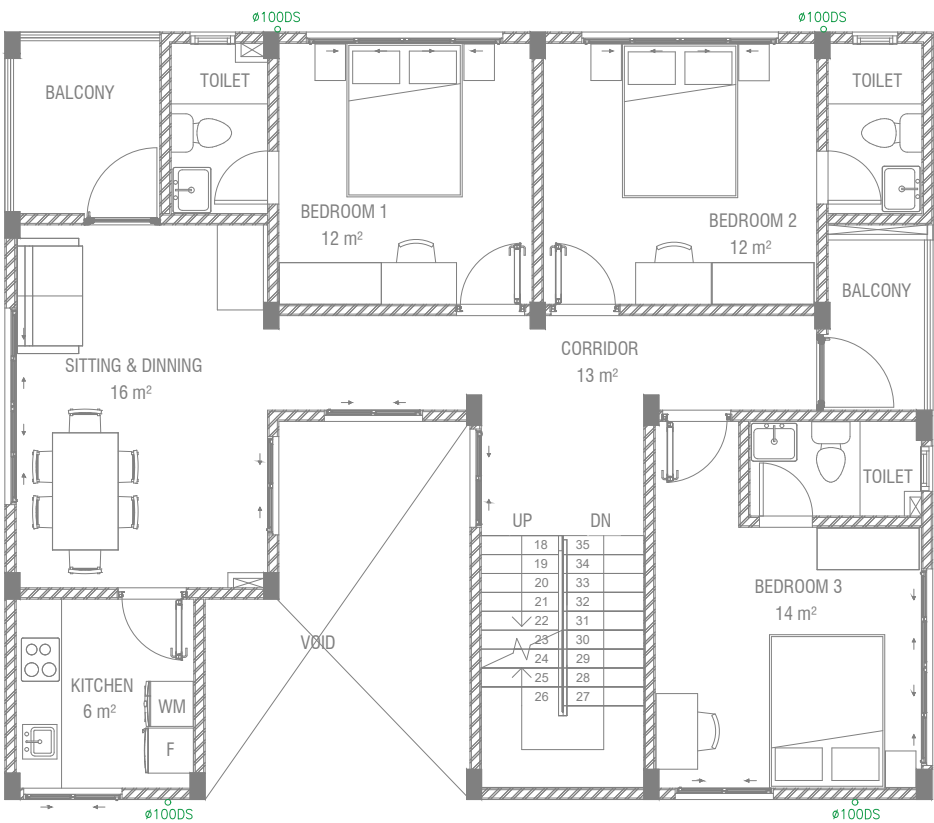


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GROUND FLOOR\_RAINWATER DRAINAGE LAYOUT

SCALE 1:100



FIRST FLOOR\_RAINWATER DRAINAGE LAYOUT

SCALE 1:100



GENERAL NOTES

REVISIONS

REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY
REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY

CONSULTANTS

LEAD CONSULTANT

LANDSCAPE DESIGN

REGISTERED LOCAL CONSULTANT



RIYAN PRIVATE LIMITED

www.riyan.com.mv

PROJECT NO.	R21323MNU
ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abidheen
MEP ENGINEER	Mark Kenn Brito
INT. DESIGNER	-
INFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDBY
APPROVED BY	APRVD

PROJECT NAME

Preparation of Drawings for Gn.  
Fuvahmulah Campus (Staff  
Accommodation Block)

CLIENT **The Maldives National University**

DEVELOPER -

ATOLL **Gnaviyani Atoll (GN.)**

ISLAND **Gn. Fuvahmulah**

LAGOON (GPS COORDINATES) -

ISSUED FOR

**DDD\_DETAIL\_DESIGN**

BUILDING NAME

**STAFF ACCOMMODATION BLOCK**

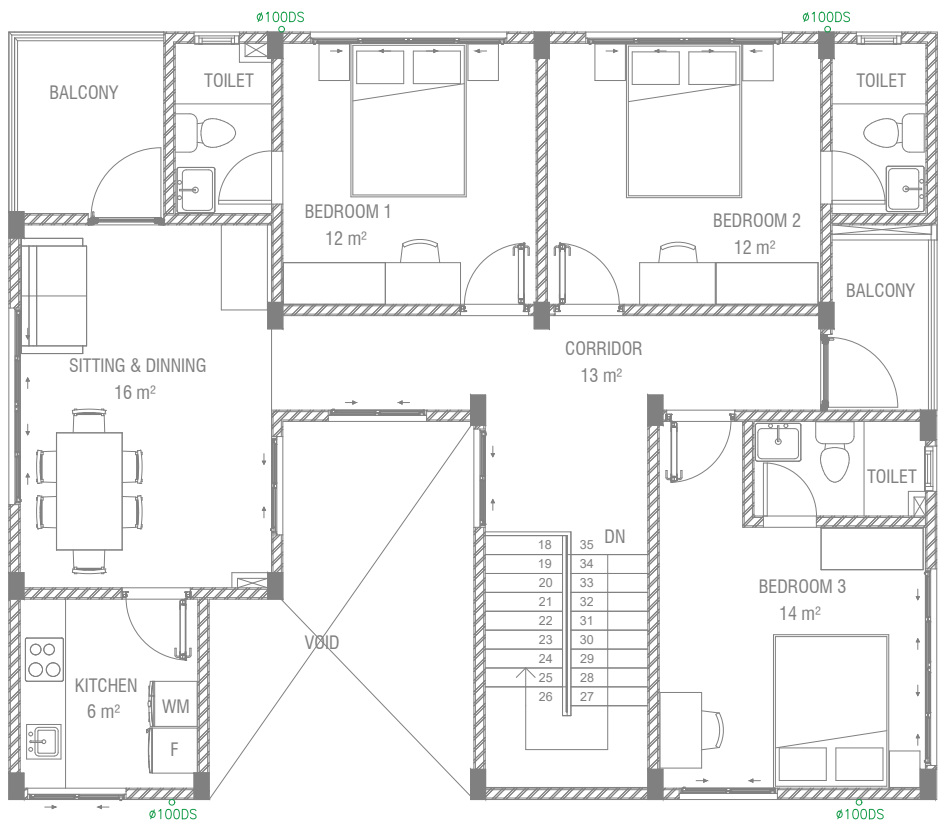
ISSUE DATE 23/02/2023

DRAWING TITLES

**GROUND & FIRST FLOOR  
RAINWATER DRAINAGE LAYOUT**

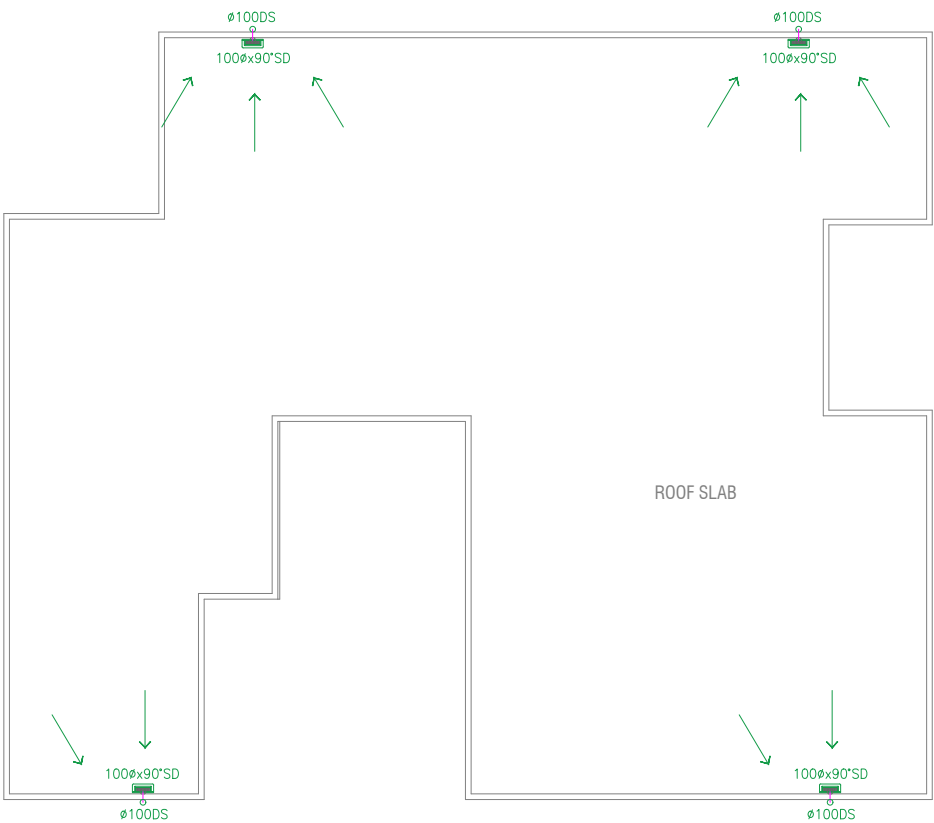
SHEET SIZE	A3	SCALE	1:100
SHEET NO.	RDR 001		

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SECOND FLOOR\_RAINWATER DRAINAGE LAYOUT

SCALE 1:100



ROOF\_RAINWATER DRAINAGE LAYOUT

SCALE 1:100



GENERAL NOTES

REVISIONS

REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY
REV.NO.	REV.DATE	REV.DESCRPTION	REV.BY	CHK.BY

CONSULTANTS

LEAD CONSULTANT

LANDSCAPE DESIGN

REGISTERED LOCAL CONSULTANT



RIYAN PRIVATE LIMITED

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PROJECT NO.	R21323MNU
ARCHITECT	Mariyam Irasha Shareef
CIVIL ENGINEER	Zainal Abidheen
MEP ENGINEER	Mark Kenn Brito
INT. DESIGNER	-
INFRA. DESIGNER	-
DRAWN BY	DRAWNBY
CHECKED BY	CHKDBY
APPROVED BY	APRVD

PROJECT NAME

Preparation of Drawings for Gn.  
Fuvahmulah Campus (Staff  
Accommodation Block)

CLIENT The Maldives National University

DEVELOPER -

ATOLL Gnaviyani Atoll (GN.)

ISLAND Gn. Fuvahmulah

LAGOON (GPS COORDINATES) -

ISSUED FOR

DDD\_DETAIL\_DESIGN

BUILDING NAME

STAFF ACCOMMODATION BLOCK

ISSUE DATE 23/02/2023

DRAWING TITLES

SECOND FLOOR & ROOF  
RAINWATER DRAINAGE LAYOUT

SHEET SIZE	A3	SCALE	1:100
SHEET NO.	RDR 002		

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