

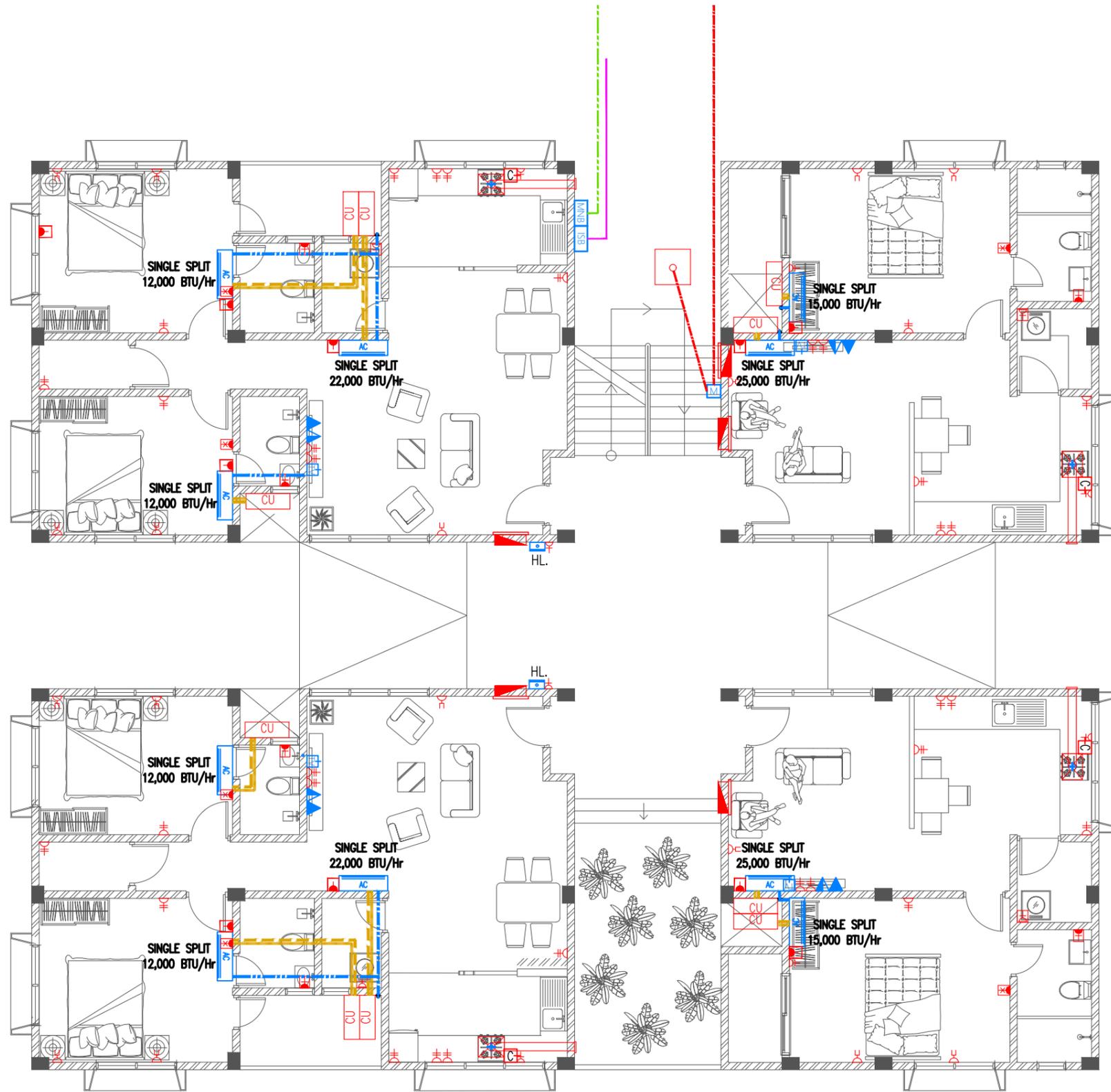
HA. HOARAFUSHI HOSPITAL ACCOMMODATION BUILDING SERVICES DRAWINGS

CLIENT: MINISTRY OF HEALTH

DESIGN : SURVEY , DESIGN AND DEVELOPMENT SECTION | MTCC PLC

DATE: 19 AUGUST 2020

LOCATION: HA. HOARAFUSHI



Legend

- 13A Twin Socket
- 13A Twin Socket With USB Ports At 300mm From F.F.L.
- 15A Switched Socket @ H.L.
- Shaver Socket For Toilets Only At 1000mm From F.F.L.
- 20A Switched Neon Indicator For Electric Water Heater
- 13A Power Socket
- 13A Power Socket in Weatherproof Polycarbonate Enclosure
- 15A Cooker Socket At 300mm From F.F.L.
- Distribution Board
- H.L.
- Angular Camera
- 82Ø PVC Duct For Tel./Internet Cable Lead In Below Ground Slab
- 82Ø PVC Duct For TV Cable Lead In Below Ground Slab
- Main Incoming Cable For Power In 110Ø PVC Duct Below Ground Slab
- Internet Switchboard
- Medianet Booster
- Telephone Outlet
- Computer Network Outlet
- TV Socket Outlet
- Emergency Light
- Electricity Meter

Legend

- Refrigerant Pipes
- 25Ø Condensate Drain Pipe
- 40Ø Condensate Drain Riser Pipe
- Wall Mount Air Conditioner
- Outdoor Condensing Unit
- Kitchen Hood

Notes: -

Where Condensate Drain Pipes Are Connected To Wash Basin Or Kitchen Sink, 25 Ø Condensate Drain Pipe Is Extended In 32 Ø Flex Conduit Into 40 Ø Waste Pipe Of Respective Basin Or Sink

Notes: -

- All 13A Power Outlets For Kitchen Hood OR Under Cabinet Lights OR Wardrobe Lights At 1800mm From F.F.L.
- All 13A Power Sockets in Weatherproof Polycarbonate Enclosure At 450mm From F.F.L.
- All Twin Sockets At 300mm From F.F.L. Except Located At Kitchen Cupboard Area Which Shall Be At 1200mm From F.F.L.
- All Computer, TV And Telephone Points At 300mm From F.F.L.
- All 20A Switched Neon Indicator At 1200mm From F.F.L.



ELECTRICAL PLAN | GROUND FLOOR



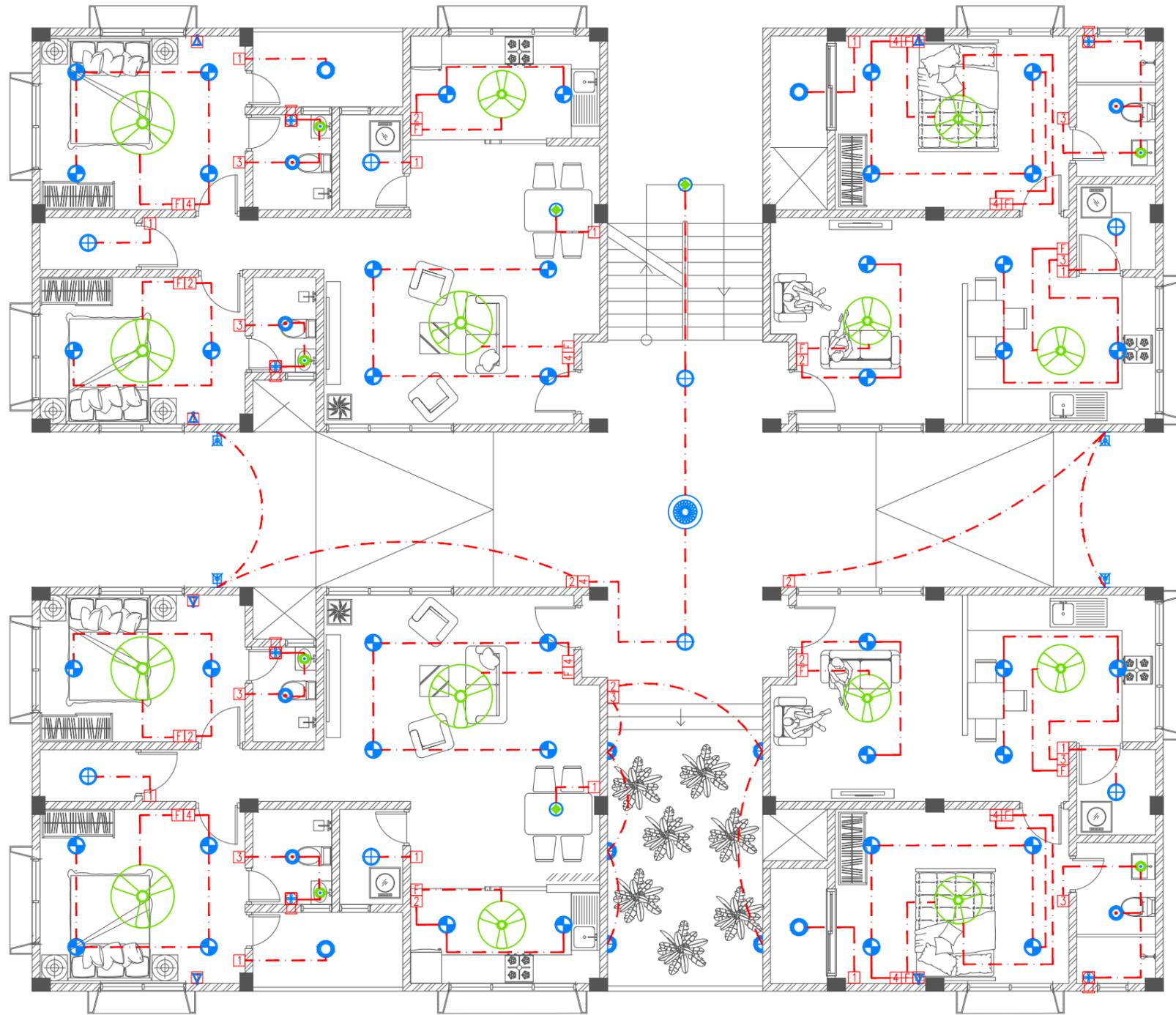
PROJECT TITLE	HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING
DRAWING TITLE	AS GIVEN

CLIENT & ADDRESS	MINISTRY OF HEALTH
PROJECT LOCATION	HA. HOARAFUSHI

DESIGN ARCHITECT:	SURVEYING, DESIGN AND DEVELOPMENT SECTION		
ENGINEER:	IBRAHIM THOAM	STRUCTURAL CHECKER:	ABDULLA RAMEEZ
ARCHITECT:	AMINATH ZOONA	ARCHITECTURAL CHECKER:	IRFAN WAHEED
DRAWN BY:	RASSAM	CHECKED BY:	AMINATH SAMAHA
		DATE	19-08-2020

REV	DESCRIPTION	DATE	APPR

SHEET IDENTIFICATION NUMBER	E1.01
SHEET TITLE	01

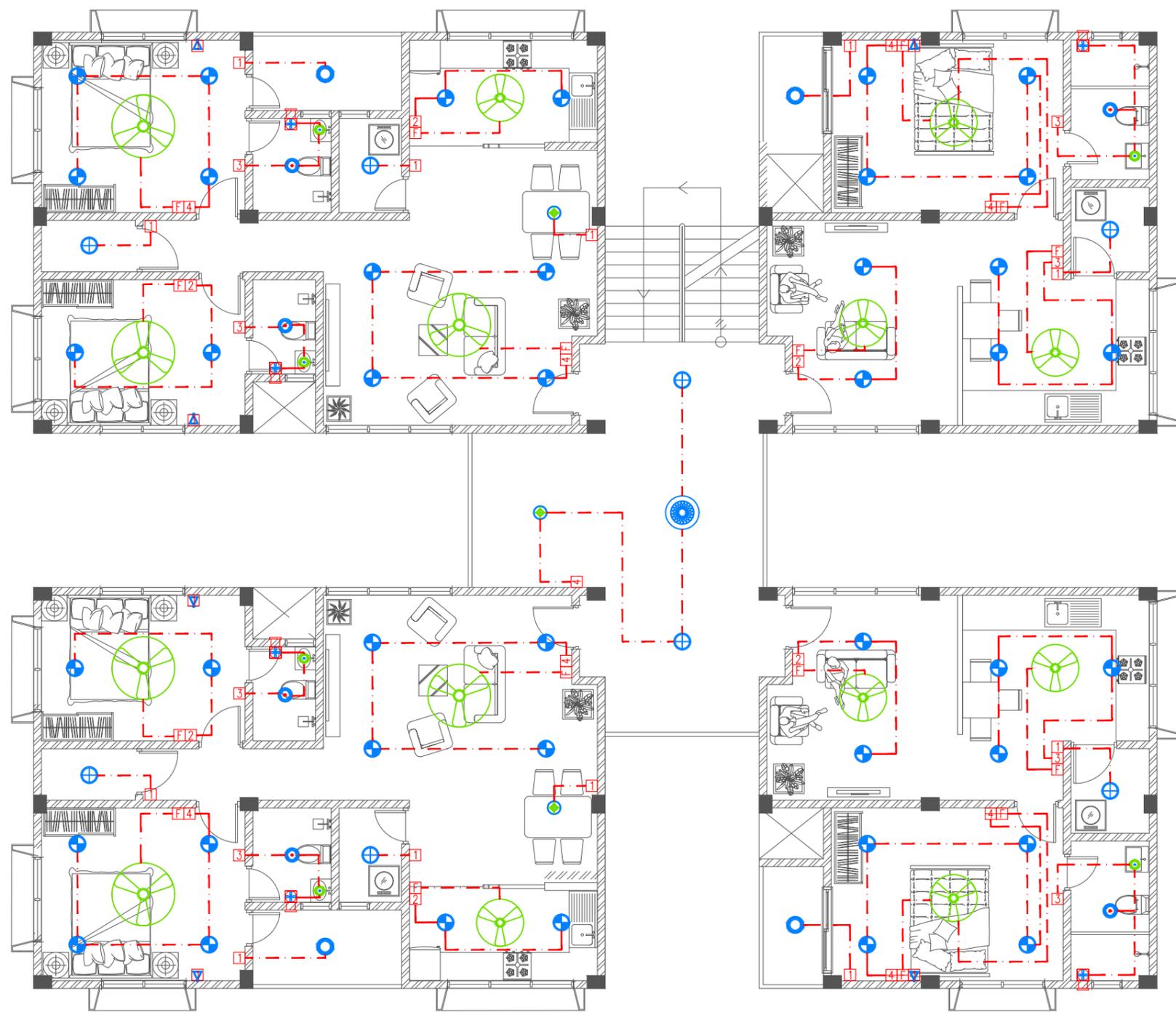


- Legend**
- Ceiling Light (18W)
 - Ceiling Light (12W)
 - Recessed Ceiling Light (12W)
 - Ceiling Down Light (18W) - Weather Proof
 - Wall Light - Weather Proof Ip55 (low Level 8W)
 - Pendant Light (12W)
 - Weather Proof Wall Light IP55 (12W)
 - Night Light (6W)
 - Decorative Pendent Light
 - Ceiling Recessed Spot Light (3W)
 - Light Switch (1 Gang - 4 Gang)
 - Two Way Light Switches (1 Gang - 4 Gang)
 - Ceiling Fan Switch With Controller
 - Two Way Ceiling Fan Switch With Controller
 - 29" To 36" Ceiling Fan
 - 42" To 48" Ceiling Fan
 - Ceiling Mounted Exhaust Fan 90m3/hr

LIGHTING PLAN | GROUND FLOOR
SCALE 1:100

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		<p>ARCHITECT: AMINATH ZOONA</p>	<p>ARCHITECTURAL CHECKER: IRFAN WAHEED</p>	<p>DATE 19-08-2020</p>																																		
		<p>DRAWN BY: RASSAM</p>	<p>CHECKED BY: AMINATH SAMAHA</p>																																			

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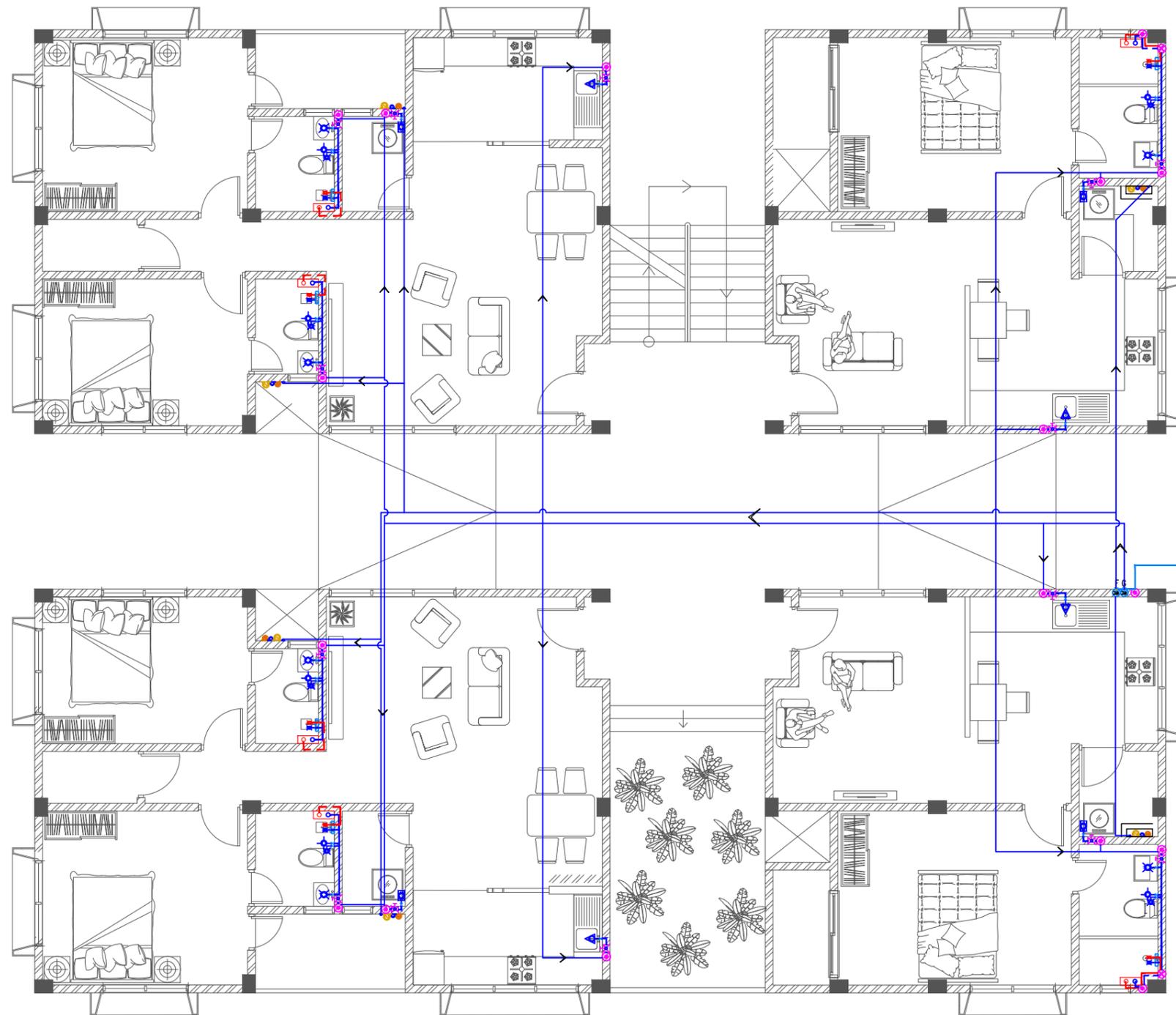


- Legend**
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 - Ceiling Light (12W)
 - Recessed Ceiling Light (12W)
 - Ceiling Down Light (18W) - Weather Proof
 - Wall Light - Weather Proof Ip55 (low Level 8W)
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 - Ceiling Recessed Spot Light (3W)
 - Light Switch (1 Gang - 4 Gang)
 - Two Way Light Switches (1 Gang - 4 Gang)
 - Ceiling Fan Switch With Controller
 - Two Way Ceiling Fan Switch With Controller
 - 29" To 36" Ceiling Fan
 - 42" To 48" Ceiling Fan
 - Ceiling Mounted Exhaust Fan 90m3/hr

LIGHTING PLAN | FIRST FLOOR
SCALE 1:100

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	<p>DRAWING TITLE AS GIVEN</p>	<p>PROJECT LOCATION HA. HOARAFUSHI</p>	<p>ENGINEER: IBRAHIM THOAM</p>	<p>STRUCTURAL CHECKER: ABDULLA RAMEEZ</p>	<p>PAPER A3</p>	<p>SCALE AS GVN</p>	<p>DATE 19-08-2020</p>	<p>CHECKED BY: AMINATH SAMAHA</p>	

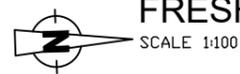
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Legend

- 16Ø Cold Water Supply To Basin Faucet
- 16Ø Cold Water Supply To Wall Tap
- 16Ø Cold Water Supply To Sink Tap
- 16Ø Cold Water Supply To Bidet Shower
- 16Ø Cold Water Supply To Cistern
- 16Ø Cold Water Supply & 12Ø Hot Water SUPPLY TO SHOWER MIXER
- Instant Water Heater Above False Ceiling
- Gate Valve
- Rise In Wall
- Drop In Wall
- MWSC Meter
- 25Ø Cold Water Supply Pipes Running Underground
- 20Ø Cold Water Supply Pipes Running In Wall
- 20Ø Cold Water Supply Pipes Running Above False Ceiling
- 20Ø Cold Water Supply Pipes Running Underground
- 12Ø Hot Water Supply Pipes

PIPE FROM MAINS SUPPLY



FRESH WATER PLAN | GROUND FLOOR

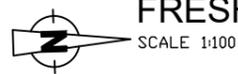
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	<p>DRAWING TITLE AS GIVEN</p>	<p>PROJECT LOCATION HA. HOARAFUSHI</p>	<p>ENGINEER: IBRAHIM THOAM</p> <p>ARCHITECT: AMINATH ZOONA</p> <p>DRAWN BY: RASSAM</p>	<p>STRUCTURAL CHECKER: ABDULLA RAMEEZ</p> <p>ARCHITECTURAL CHECKER: IRFAN WAHEED</p> <p>CHECKED BY: AMINATH SAMAHA</p>	<p>PAPER A3</p> <p>SCALE AS GVN</p> <p>DATE 19-08-2020</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPR</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV		DESCRIPTION	DATE	APPR														
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Legend

- 16Ø Cold Water Supply To Basin Faucet
- 16Ø Cold Water Supply To Wall Tap
- 16Ø Cold Water Supply To Sink Tap
- 16Ø Cold Water Supply To Bidet Shower
- 16Ø Cold Water Supply To Cistern
- 16Ø Cold Water Supply & 12Ø Hot Water SUPPLY TO SHOWER MIXER
- Instant Water Heater Above False Ceiling
- Gate Valve
- Rise In Wall
- Drop In Wall
- MWSC Meter
- 25Ø Cold Water Supply Pipes Running Underground
- 20Ø Cold Water Supply Pipes Running In Wall
- 20Ø Cold Water Supply Pipes Running Above False Ceiling
- 20Ø Cold Water Supply Pipes Running Underground
- 12Ø Hot Water Supply Pipes



FRESH WATER PLAN | FIRST FLOOR



PROJECT TITLE	HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING
DRAWING TITLE	AS GIVEN

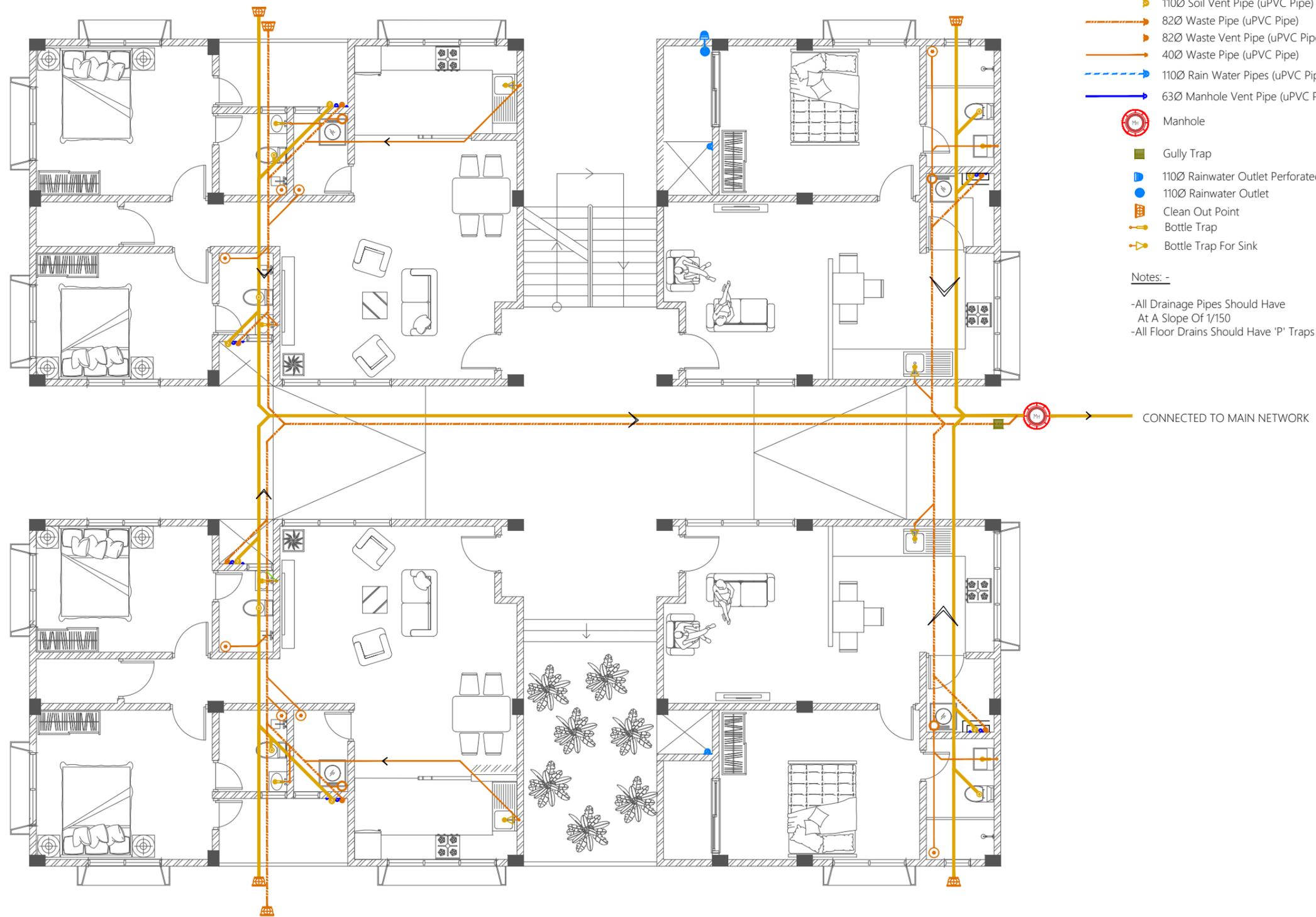
CLIENT & ADDRESS	MINISTRY OF HEALTH
PROJECT LOCATION	HA. HOARAFUSHI

DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION	
ENGINEER: IBRAHIM THOAM	STRUCTURAL CHECKER: ABDULLA RAMEEZ
ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRFAN WAHEED
DRAWN BY: RASSAM	CHECKED BY: AMINATH SAMAHA
	DATE 19-08-2020

REV	DESCRIPTION	DATE	APPR

SHEET IDENTIFICATION NUMBER	P1.02
SHEET TITLE	06

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Legend

- Floor Drain
- 40Ø Stub For Washing Machine Or Tub
- Floor Gully
- 110Ø Soil Pipe (uPVC Pipe)
- 110Ø Soil Vent Pipe (uPVC Pipe)
- 82Ø Waste Pipe (uPVC Pipe)
- 82Ø Waste Vent Pipe (uPVC Pipe)
- 40Ø Waste Pipe (uPVC Pipe)
- 110Ø Rain Water Pipes (uPVC Pipe)
- 63Ø Manhole Vent Pipe (uPVC Pipe)
- Manhole
- Gully Trap
- 110Ø Rainwater Outlet Perforated Cowl
- 110Ø Rainwater Outlet
- Clean Out Point
- Bottle Trap
- Bottle Trap For Sink

Notes: -

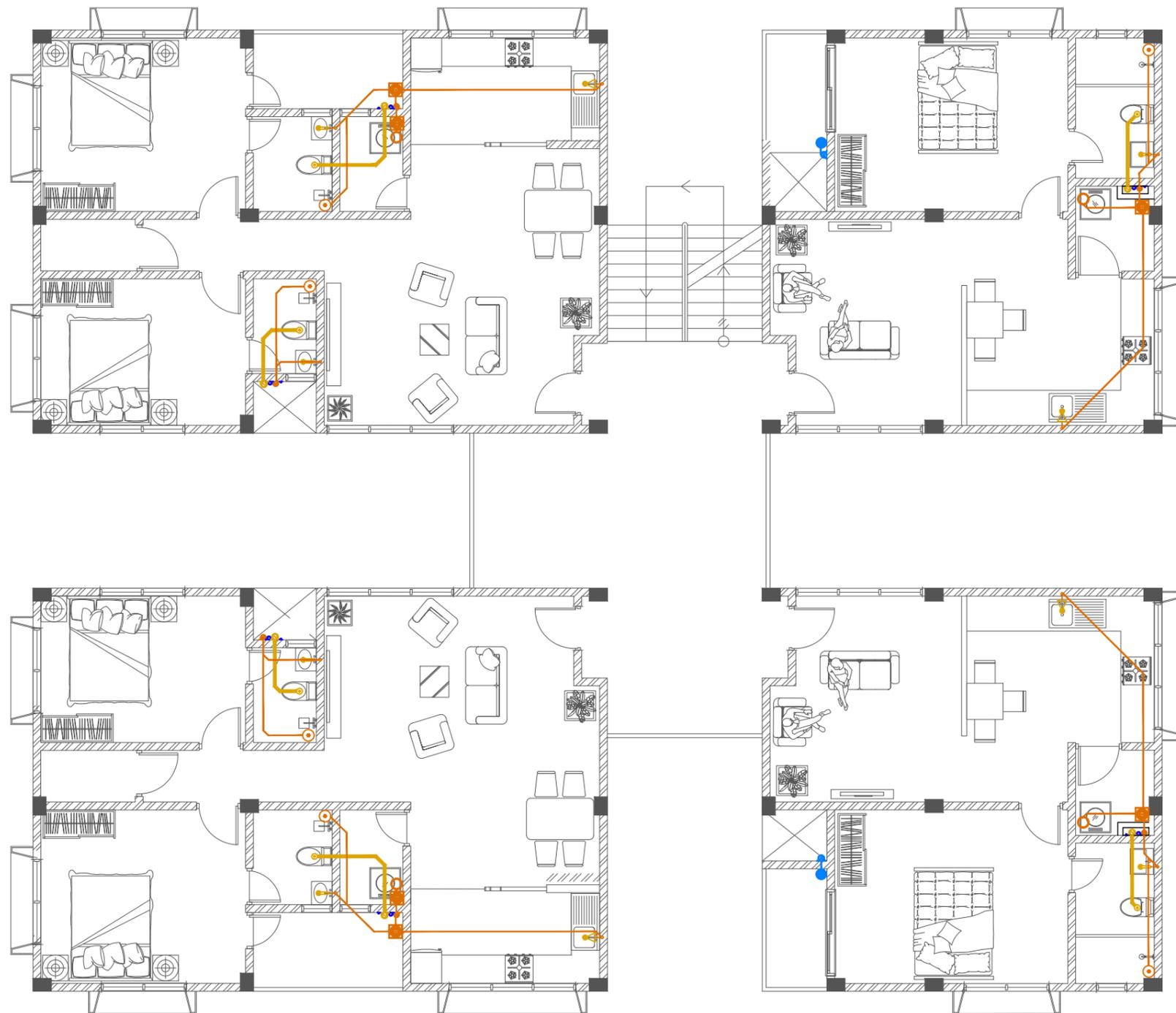
- All Drainage Pipes Should Have At A Slope Of 1/150
- All Floor Drains Should Have 'P' Traps



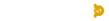
WASTE WATER PLAN | GROUND FLOOR

 MTCC MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>SURVEY DESIGN AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT, MTCC TOWER, BOJU THAKURUFANJU MAGU, MALE 20181, REPUBLIC OF MALDIVES, PHONE: +960 332 6822 FAX: +960 333 2835 E-MAIL: design.developments@mtcc.com.mv</small>	PROJECT TITLE HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION		<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPR</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPR																	SHEET IDENTIFICATION NUMBER P1.03 SHEET TITLE 07
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DRAWING TITLE AS GIVEN	PROJECT LOCATION HA. HOARAFUSHI	ENGINEER: IBRAHIM THOAM	STRUCTURAL CHECKER: ABDULLA RAMEEZ	PAPER A3	SCALE AS GVN																					
			ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRFAN WAHEED	DATE 19-08-2020																					
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Legend

-  Floor Drain
-  400 Stub For Washing Machine Or Tub
-  Floor Gully
-  1100 Soil Pipe (uPVC Pipe)
-  1100 Soil Vent Pipe (uPVC Pipe)
-  820 Waste Pipe (uPVC Pipe)
-  820 Waste Vent Pipe (uPVC Pipe)
-  400 Waste Pipe (uPVC Pipe)
-  1100 Rain Water Pipes (uPVC Pipe)
-  630 Manhole Vent Pipe (uPVC Pipe)
-  Manhole
-  Gully Trap
-  1100 Rainwater Outlet Perforated Cowl
-  1100 Rainwater Outlet
-  Clean Out Point
-  Bottle Trap
-  Bottle Trap For Sink

Notes: -

- All Drainage Pipes Should Have At A Slope Of 1/150
- All Floor Drains Should Have 'P' Traps



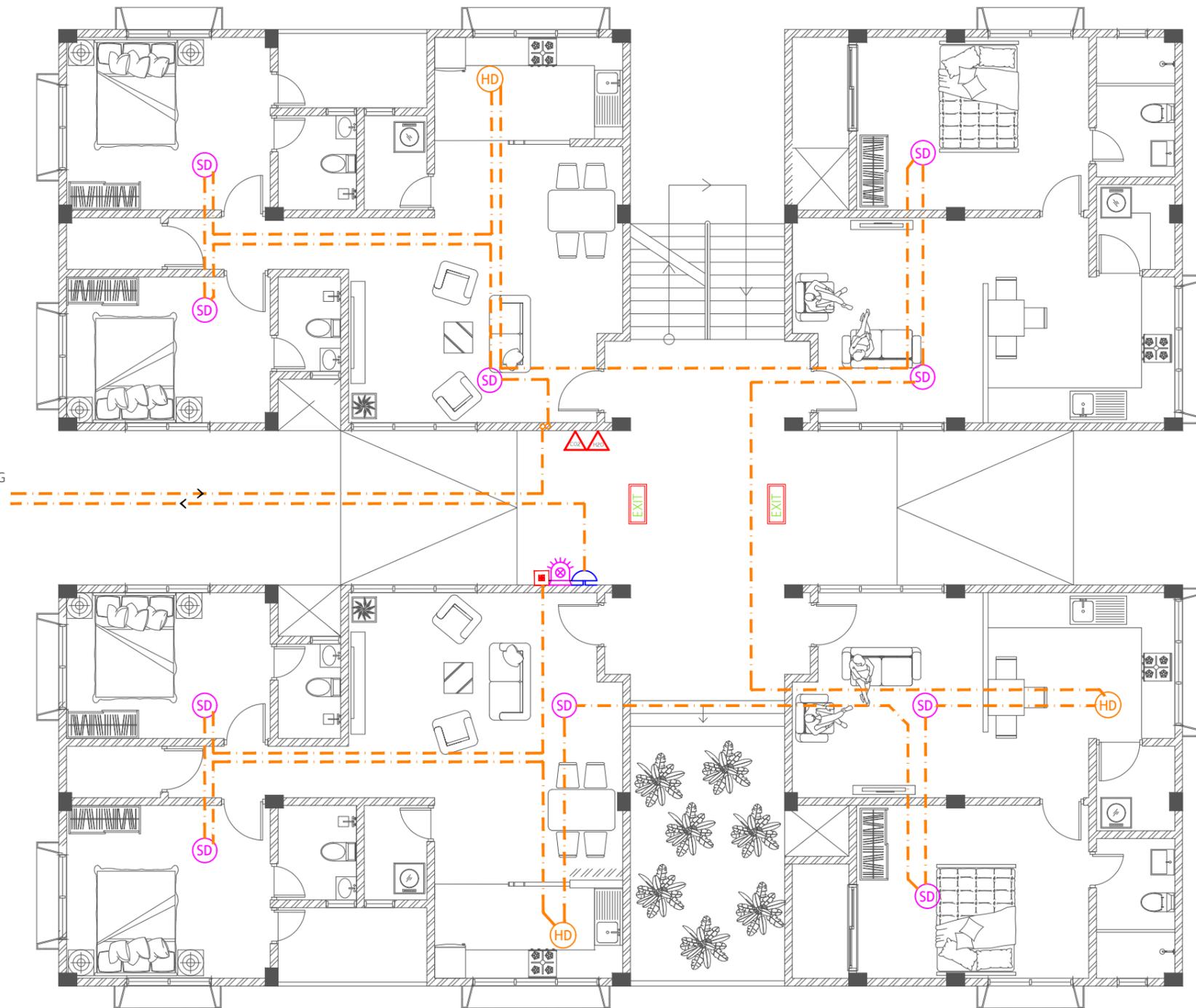
WASTE WATER PLAN | FIRST FLOOR

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	DRAWING TITLE AS GIVEN	PROJECT LOCATION HA. HOARAFUSHI	ENGINEER: IBRAHIM THOAM	STRUCTURAL CHECKER: ABDULLA RAMEEZ	ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRFAN WAHEED	PAPER A3	
			DRAWN BY: RASSAM	CHECKED BY: AMINATH SAMAHA	DATE 19-08-2020			

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Legend

-  CO₂ Extinguisher (load: 2kg) In Polycarbonate Enclosure
-  H₂O Extinguisher (load: 9L) In Polycarbonate Enclosure
-  Manual Call Point
-  Smoke Detector
-  Heat Detector
-  Beacon
-  Sounder Bell
-  2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits
-  Exit Sign



CONNECTION TO FACP AT SERVICE BUILDING



FIRE SAFETY PLAN | GROUND FLOOR



PROJECT TITLE	HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING
DRAWING TITLE	AS GIVEN

CLIENT & ADDRESS	MINISTRY OF HEALTH
PROJECT LOCATION	HA. HOARAFUSHI

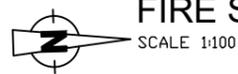
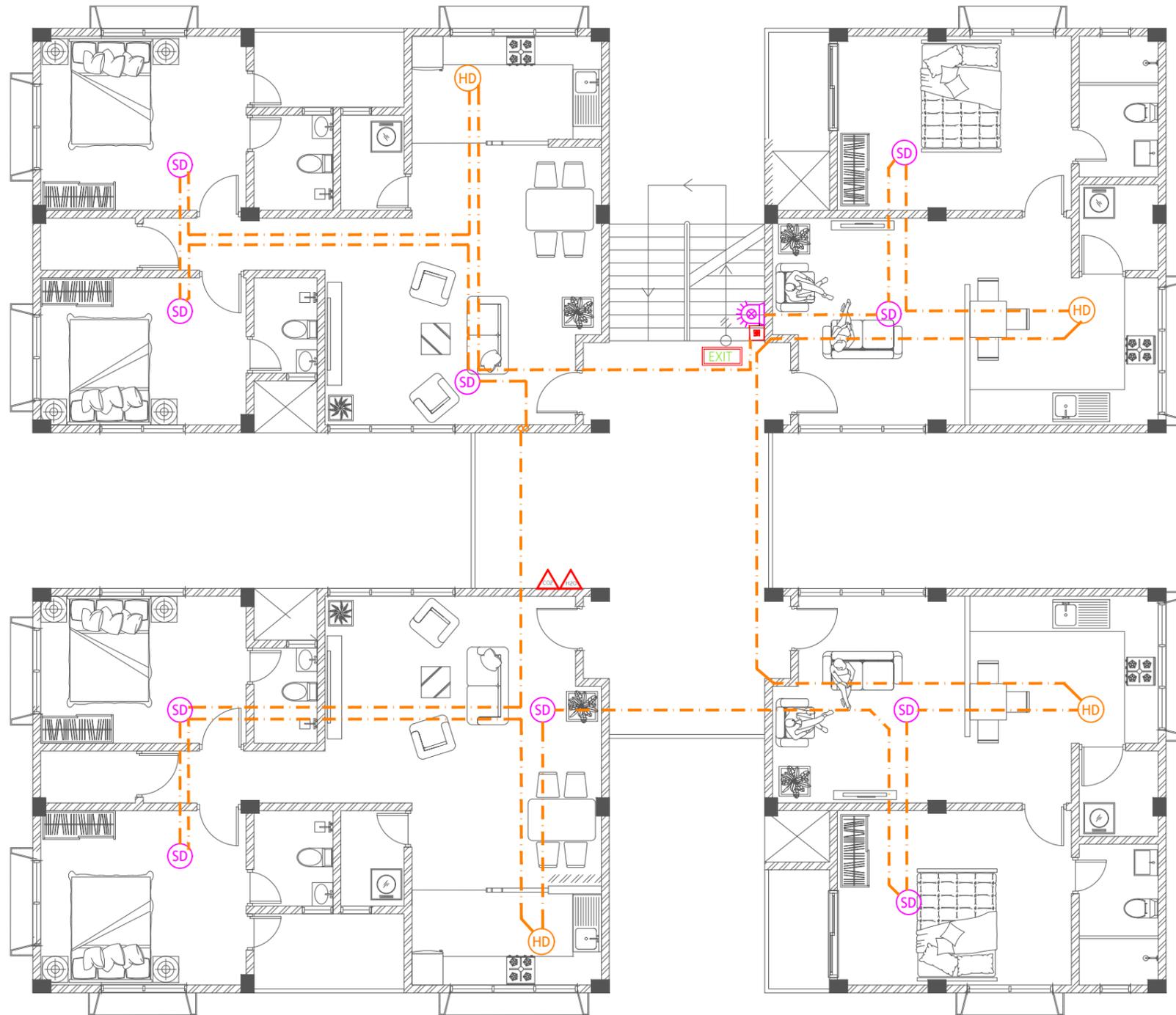
DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION		PAPER	SCALE
ENGINEER: IBRAHIM THOAM	STRUCTURAL CHECKER: ABDULLA RAMEEZ	A3	AS GVN
ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRFAN WAHEED		
DRAWN BY: RASSAM	CHECKED BY: AMINATH SAMAHA	DATE 19-08-2020	

REV	DESCRIPTION	DATE	APPR

SHEET IDENTIFICATION NUMBER	F1.01
SHEET TITLE	09

Legend

-  CO₂ Extinguisher (load: 2kg) In Polycarbonate Enclosure
-  H₂O Extinguisher (load: 9L) In Polycarbonate Enclosure
-  Manual Call Point
-  Smoke Detector
-  Heat Detector
-  Beacon
-  Sounder Bell
-  2.5mm² Fire Retardant Low Smoke (FRLS) Cables In FRLS Conduits
-  Exit Sign



FIRE SAFETY PLAN | FIRST FLOOR



PROJECT TITLE	HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING
DRAWING TITLE	AS GIVEN

CLIENT & ADDRESS	MINISTRY OF HEALTH
PROJECT LOCATION	HA. HOARAFUSHI

DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION	
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ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRFAN WAHEED
DRAWN BY: RASSAM	CHECKED BY: AMINATH SAMAHA
PAPER A3	SCALE AS GVN
DATE 19-08-2020	

REV	DESCRIPTION	DATE	APPR

SHEET IDENTIFICATION NUMBER	F1.02
SHEET TITLE	10

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