

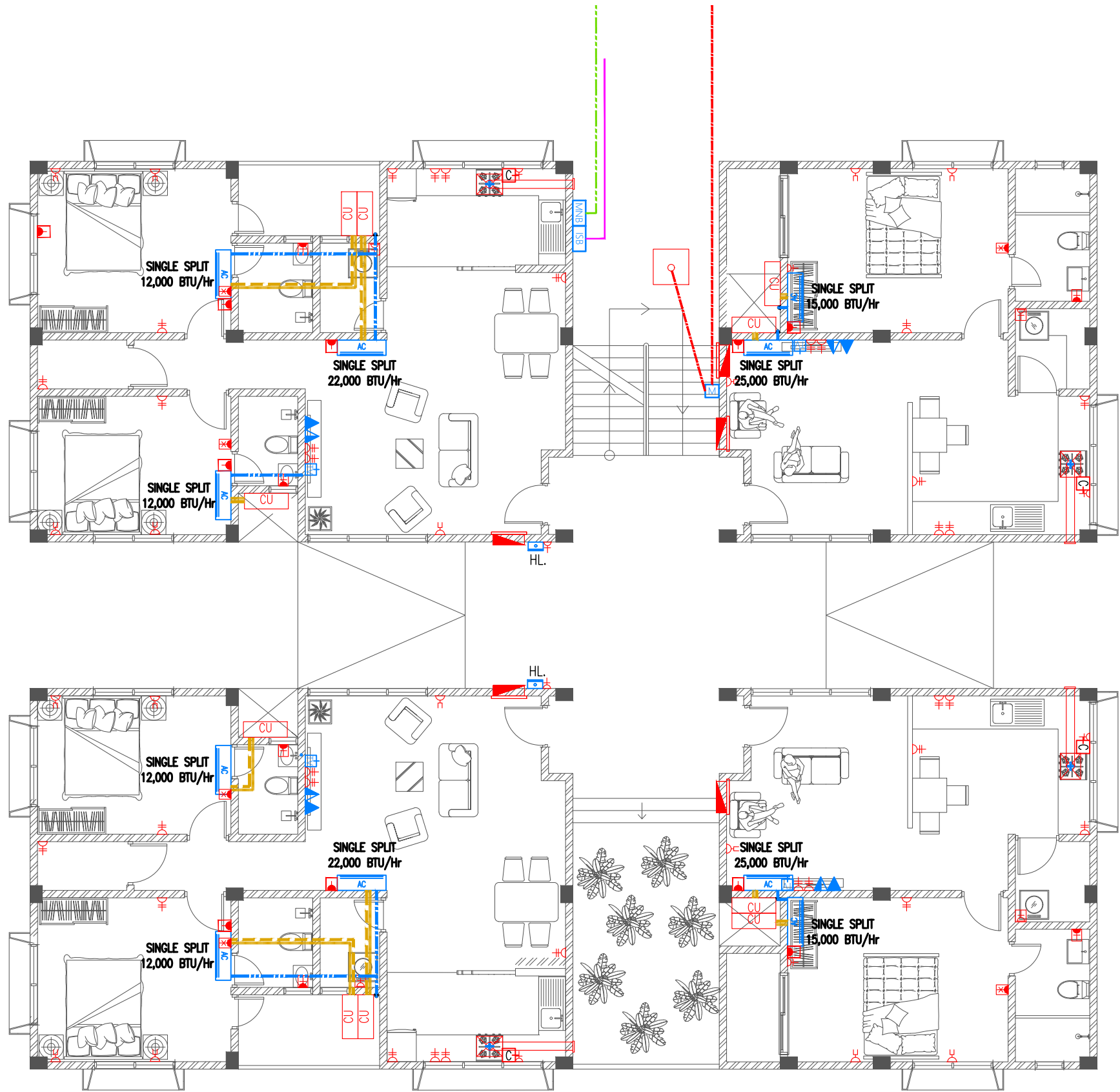
HA. HOARAFUSHI HOSPITAL ACCOMMODATION BUILDING SERVICES DRAWINGS

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
 - HL. High Level
 - 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: -

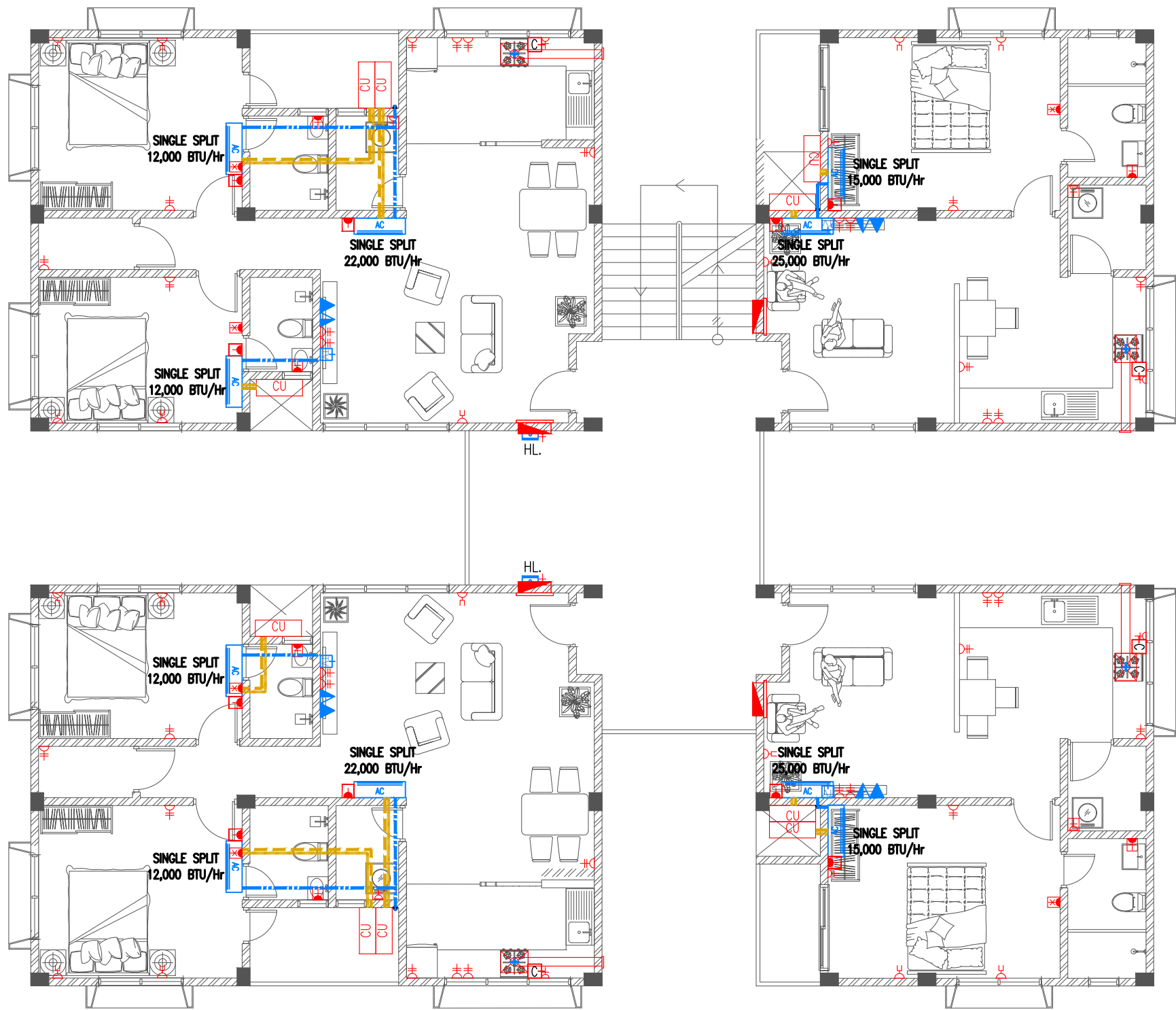
- All 13A Power Outlets For Kitchen Hood OR Under Cabinet Lights OR Wardrobe Lights At 1800mm From F.F.L.
- All 13A Power Sockets in Weatherproof Polycarbonate Enclosure At 450mm From F.F.L.
- All Twin Sockets At 300mm From F.F.L. Except Located At Kitchen Cupboard Area Which Shall Be At 1200mm From 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

SCALE 1:100

<div> M T C C MALDIVES TRANSPORT & CONTRACTING COMPANY PLC</div> <div><small>SURVEY DESIGN AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MTCC TOWER, BODU THAKURUFARANU MAGU, MALE 20181, REPUBLIC OF MALDIVES, PHONE: +960 332 6522 FAX: +960 333 2835 E-MAIL: design.development@mtcc.com.mv</small></div>	PROJECT TITLE HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION				REV	DESCRIPTION	DATE	APPR	SHEET IDENTIFICATION NUMBER E1.01 SHEET TITLE 01
	DRAWING TITLE AS GIVEN	PROJECT LOCATION HA. HOARAFUSHI	ENGINEER: IBRAHIM THOAM	STRUCTURAL CHECKER: ABDULLA RAMEEZ							
			ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRFAN WAHEED	PAPER A3	SCALE AS GVN					
			DRAWN BY: RASSAM	CHECKED BY: AMINATH SAMAHA	DATE 19-08-2020						



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
- HL. High Level
- 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

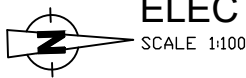
- Refrigerant Pipes
- 25Ø Condensate Drain Pipe
- 40Ø Condensate Drain Riser Pipe
- Wall Mount Air Conditioner
- Outdoor Condensing Unit
- Kitchen Hood

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: -

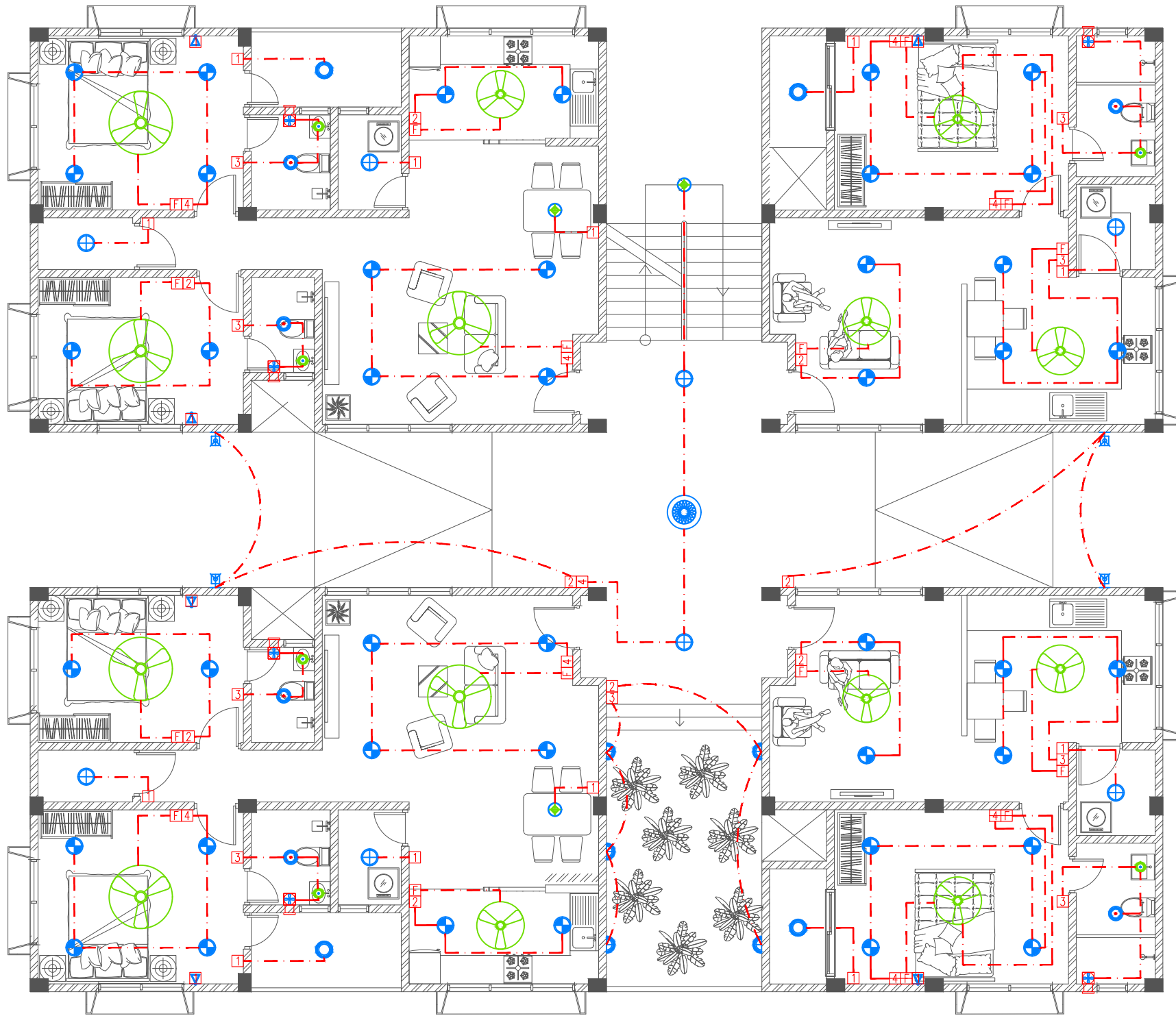
- All 13A Power Outlets For Kitchen Hood OR Under Cabinet Lights OR Wardrobe Lights At 1800mm From F.F.L.
- All 13A Power Sockets in Weatherproof Polycarbonate Enclosure At 450mm From F.F.L.
- All Twin Sockets At 300mm From F.F.L. Except Located At Kitchen Cupboard Area Which Shall Be At 1200mm From 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 | FIRST FLOOR

SCALE 1:100

 M T C C MALDIVES TRANSPORT & CONTRACTING COMPANY PLC SURVEY DESIGN AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MTC TOWER, BODU THAKURUFARANU MAGU, MALE 20181, REPUBLIC OF MALDIVES, PHONE: + (960) 332 6822 FAX: + (960) 333 2835 E-MAIL: design.development@mtrcc.com.mv	PROJECT TITLE HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION		PAPER A3	SCALE AS GVN	REV	DESCRIPTION	DATE	APPR	SHEET IDENTIFICATION NUMBER E1.02 SHEET TITLE 02
	DRAWING TITLE AS GIVEN	PROJECT LOCATION HA. HOARAFUSHI	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							



- 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 Pendant 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

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

ARCHITECT:
AMINATH ZOONA

DRAWN BY:
RASSAM

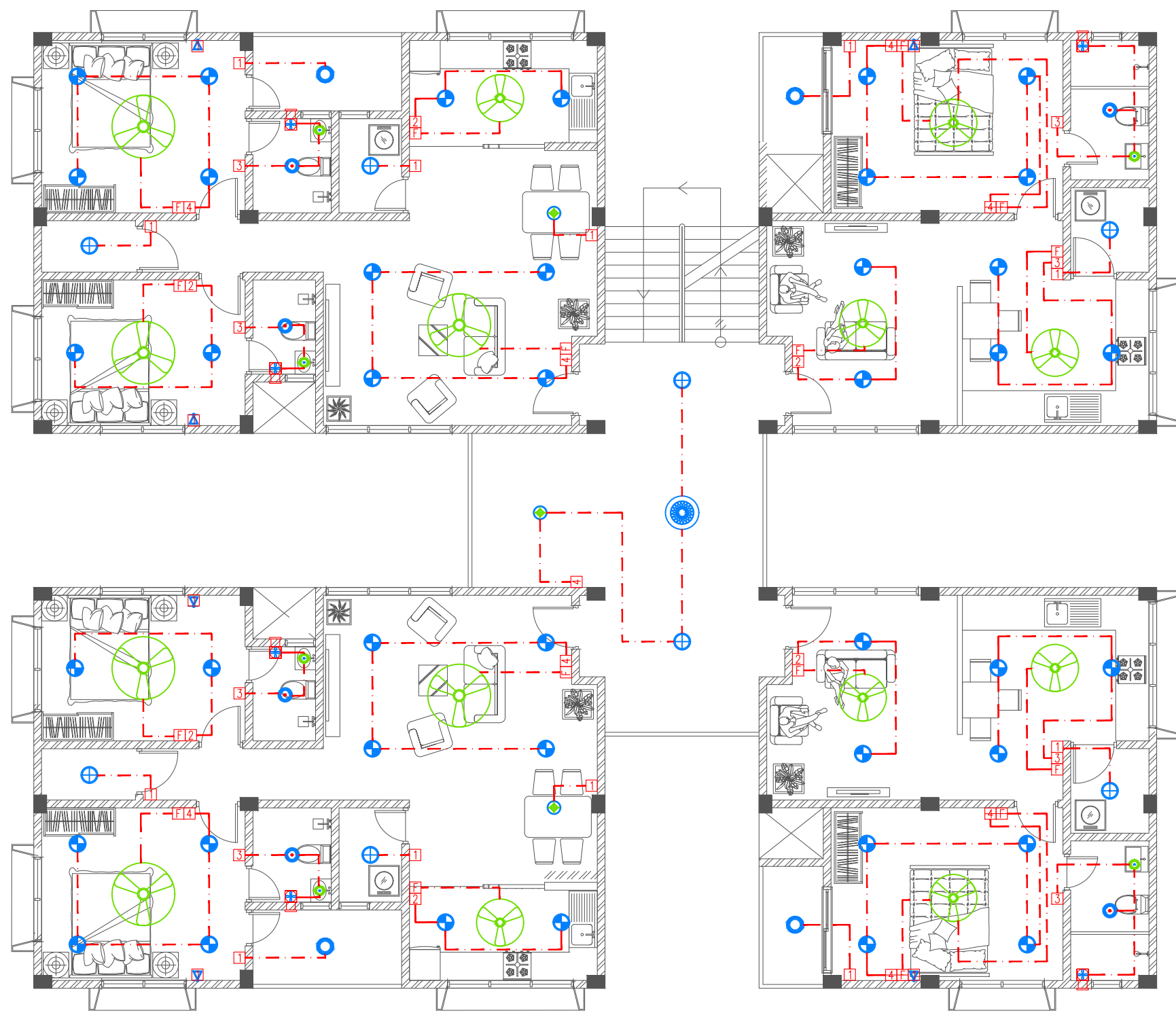
STRUCTURAL CHECKER:
ABDULLA RAMEEZ

ARCHITECTURAL CHECKER:
IRFAN WAHEED

CHECKED BY:
AMINATH SAMAHA

PAPER
A3
SCALE
AS GVN
DATE
19-08-2020

REV	DESCRIPTION	DATE	APPR



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 Pendant 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 | FIRST FLOOR

SCALE 1:100



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

ARCHITECT:
AMINATH ZOONA

DRAWN BY:
RASSAM

STRUCTURAL CHECKER:
ABDULLA RAMEEZ

ARCHITECTURAL CHECKER:
IRFAN WAHEED

CHECKED BY:
AMINATH SAMAHA

PAPER
A3

SCALE
AS GVN

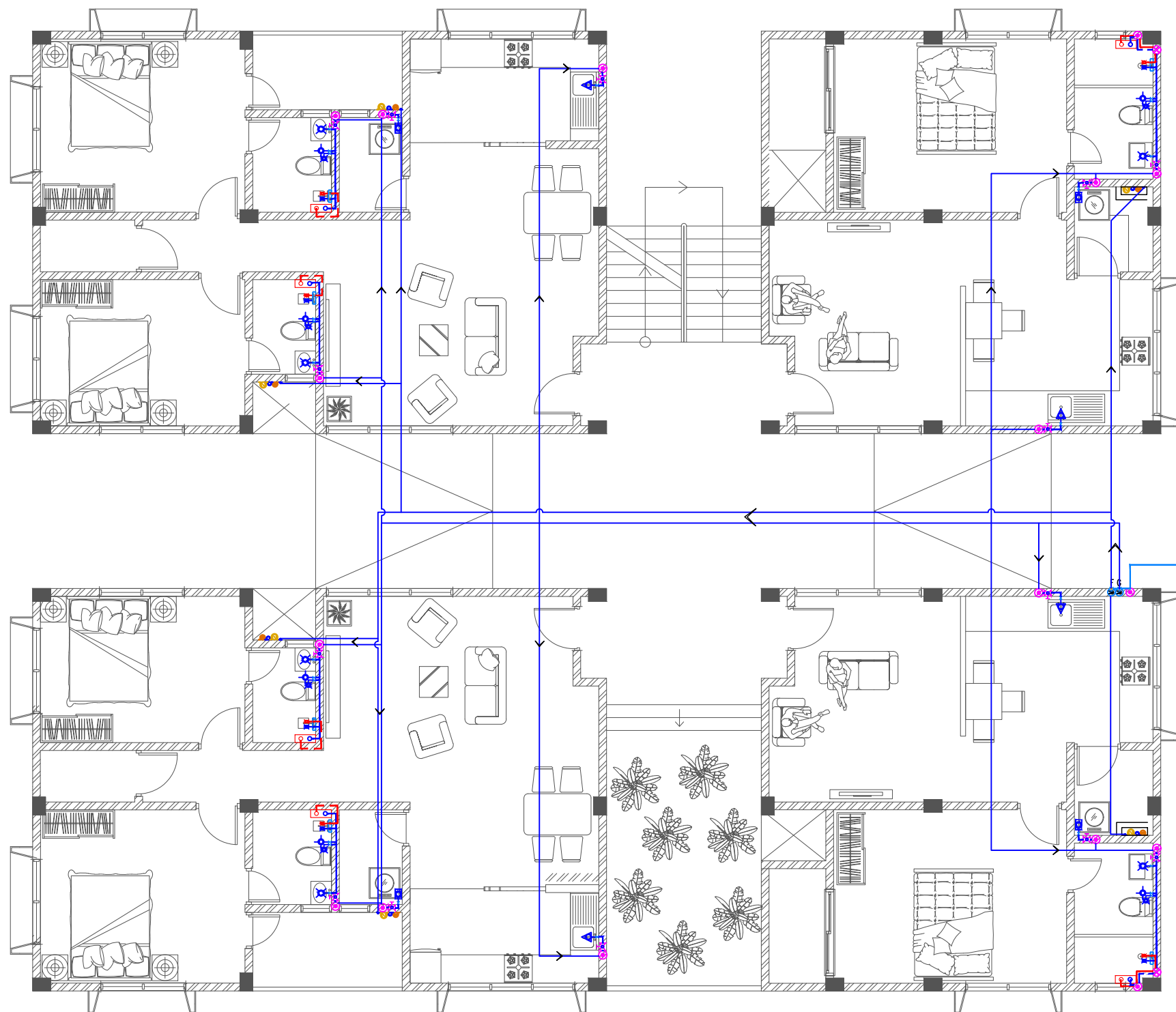
DATE
19-08-2020

REV	DESCRIPTION	DATE	APPR

SHEET IDENTIFICATION
NUMBER

L1.02

SHEET TITLE
04



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 | GROUND FLOOR

SCALE 1:100

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

ARCHITECT:
AMINATH ZOONA

DRAWN BY:
RASSAM

STRUCTURAL CHECKER:
ABDULLA RAMEEZ

ARCHITECTURAL CHECKER:
IRFAN WAHEED

CHECKED BY:
AMINATH SAMAHA

PAPER
A3
SCALE
AS GVN
DATE
19-08-2020

REV	DESCRIPTION	DATE	APPR



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

SCALE 1:100



M T C C
MALDIVES TRANSPORT &
CONTRACTING COMPANY PLC

SURVEY DESIGN AND DEVELOPMENT SECTION
CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT,
MTCC TOWER, BODU THAKURUFARANU MAGU, MALE 20181,
REPUBLIC OF MALDIVES,
PHONE: + (960) 332 6822 FAX: + (960) 333 2835
E-MAIL: design.developments@mtcc.com.mv

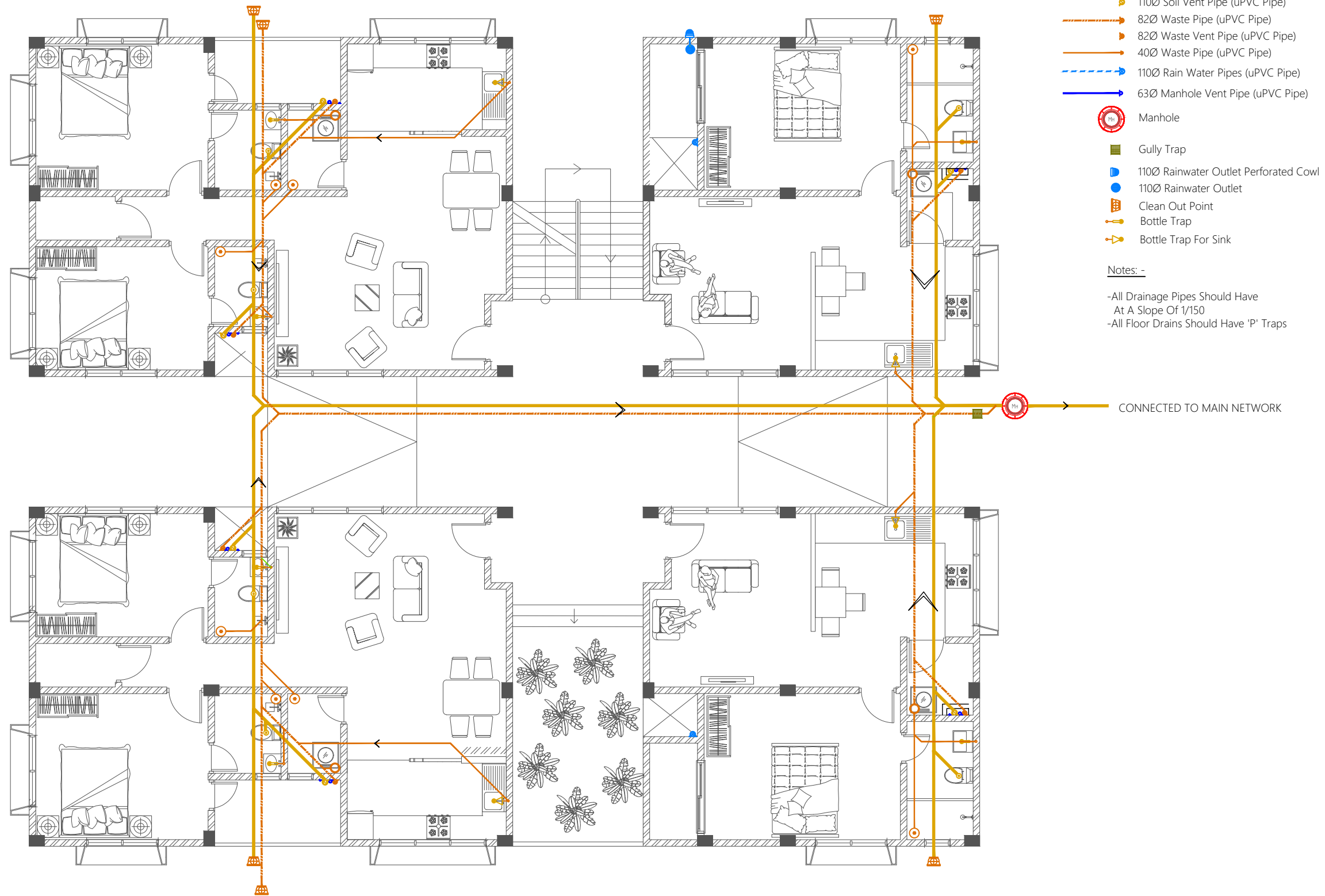
PROJECT TITLE	HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING
DRAWING TITLE	AS GIVEN

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	PAPER A3	SCALE AS GVN
DRAWN BY: RASSAM	CHECKED BY: AMINATH SAMAHA	DATE 19-08-2020	

REV	DESCRIPTION	DATE	APPR

SHEET IDENTIFICATION NUMBER
P1.02
SHEET TITLE 06



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

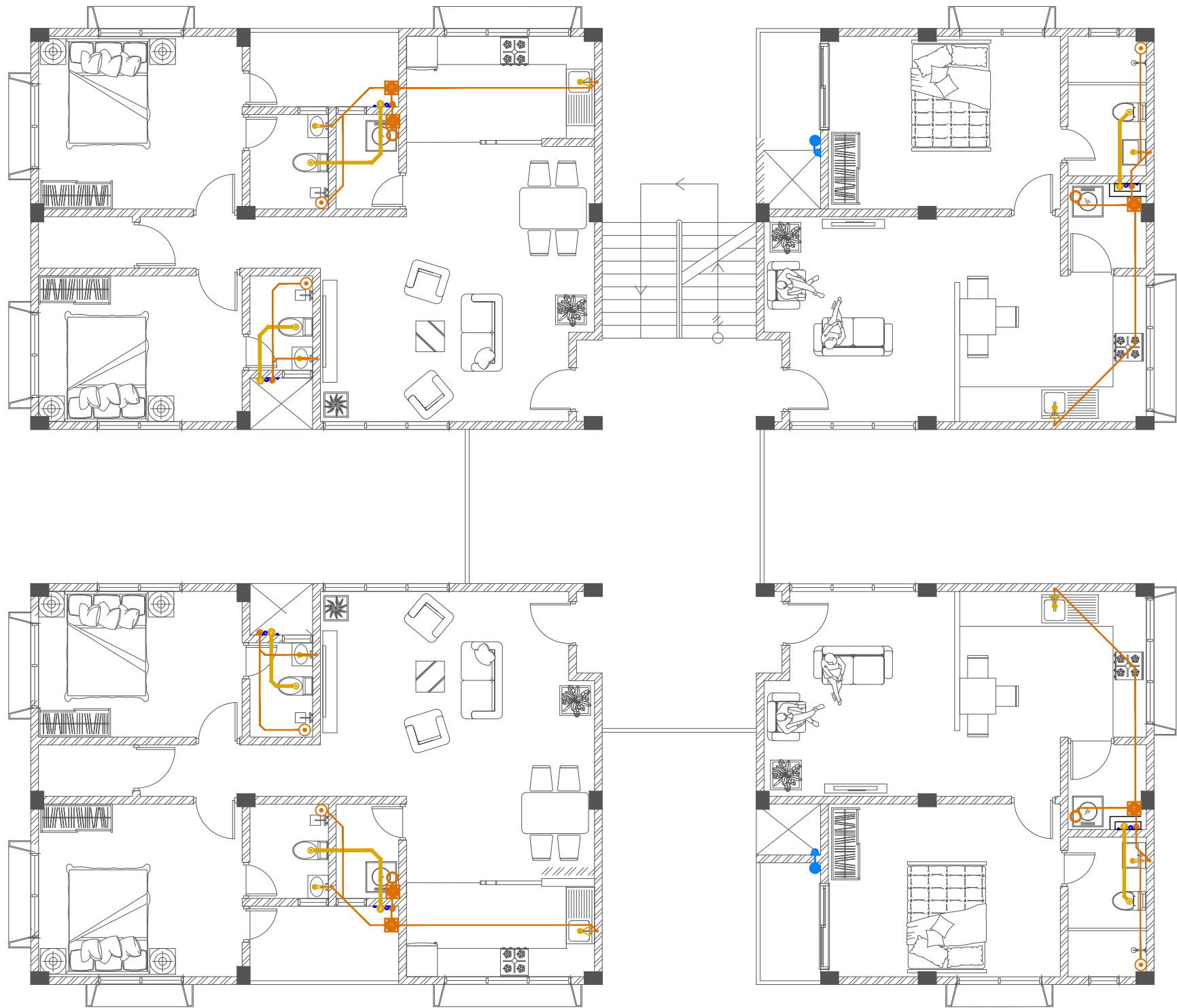


WASTE WATER PLAN | GROUND FLOOR

SCALE 1:100

 MTCC MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>SURVEY DESIGN AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MTCC TOWER, BODU THAKURUFARANU MAGU, MALE 20181, REPUBLIC OF MALDIVES, PHONE: + (960) 332 6822 FAX: + (960) 333 2835 E-MAIL: design.development@mtcc.com.mv</small>	PROJECT TITLE HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION		REV	DESCRIPTION	DATE	APPR	SHEET IDENTIFICATION NUMBER P1.03 SHEET TITLE 07
	DRAWING TITLE AS GIVEN	PROJECT LOCATION HA. HOARAFUSHI	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					

COPYRIGHT All plans, sketches, drawings, graphic representations and specifications prepared by the Architect(s) & Engineer(s) are instruments of service. The copyright and ownership of both the design and these instruments of service belong to the Architect(s) & Engineer(s) and may not be used for any other project, or sold, or offered for sale by any party other than the Architect/Engineer unless the Architect/Engineer has given written consent. Copies of the documents submitted to the client prepared by the Architect/Engineer may be used as they were intended, once, and on the same site and project.



- 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

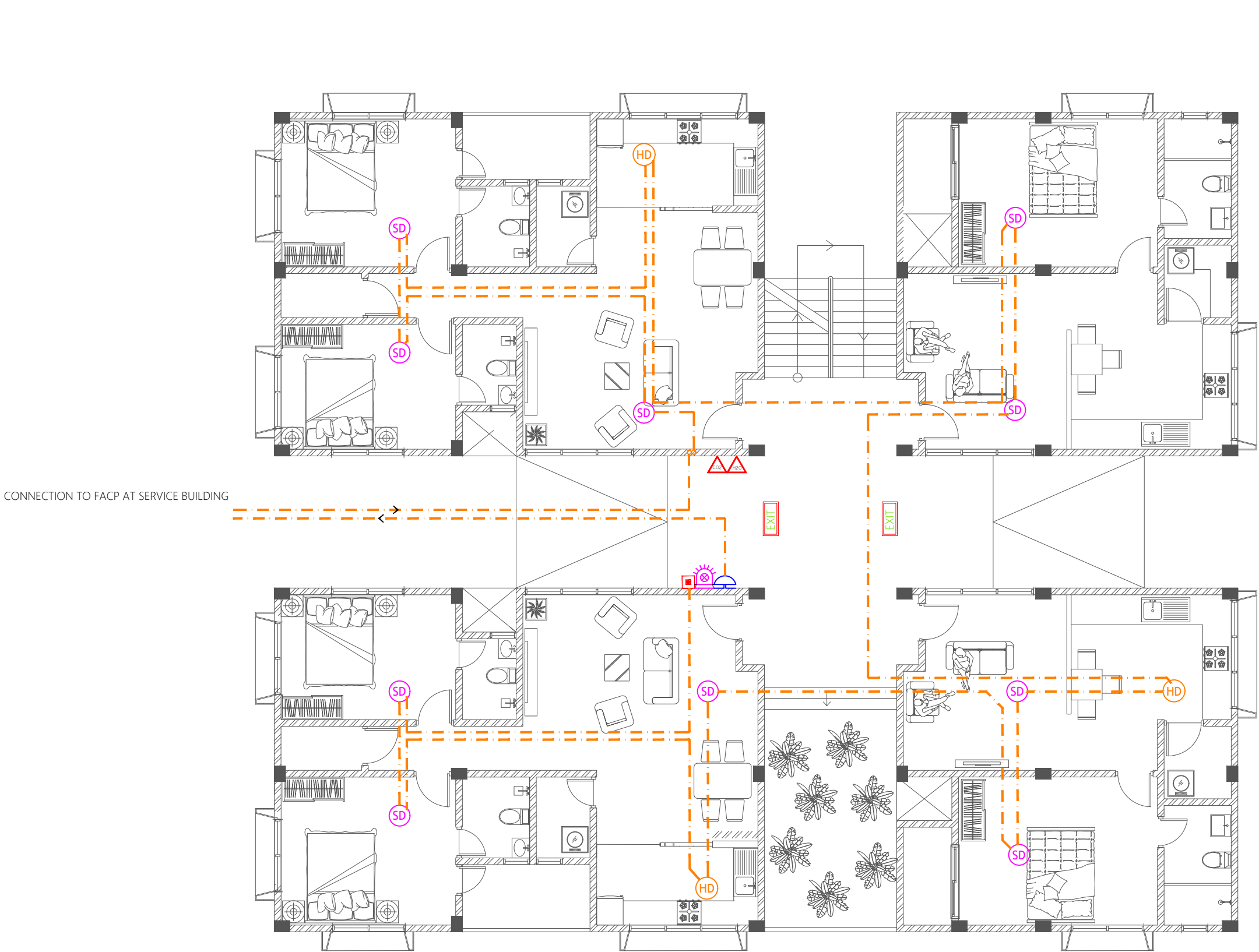


WASTE WATER PLAN | FIRST FLOOR

SCALE 1:100

 MTCC MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>SURVEY DESIGN AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT, MTCC TOWER, BODU THAKURUFARANU MAGU, MALE 20181, REPUBLIC OF MALDIVES, PHONE: +960 332 6822 FAX: +960 333 2835 E-MAIL: design.development@mtcc.com.mv</small>	PROJECT TITLE HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION		REV	DESCRIPTION	DATE	APPR	SHEET IDENTIFICATION NUMBER P1.04 SHEET TITLE 08
	DRAWING TITLE AS GIVEN	PROJECT LOCATION HA. HOARAFUSHI	ENGINEER: IBRAHIM THOAM	STRUCTURAL CHECKER: ABDULLA RAMEEZ					
			ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRFAN WAHEED	PAPER A3	SCALE AS GVN			
			DRAWN BY: RASSAM	CHECKED BY: AMINATH SAMAHA	DATE 19-08-2020				

COPYRIGHT All plans, sketches, drawings, graphic representations and specifications prepared by the Architect(s) & Engineer(s) are instruments of service. The copyright and ownership of both the design and these instruments of service belong to the Architect(s) & Engineer(s) and may not be used for any other project, or sold, or offered for sale by any party other than the Architect/Engineer unless the Architect/Engineer has given written consent. Copies of the documents submitted to the client prepared by the Architect/Engineer may be used as they were intended, once, and on the same site and project.



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

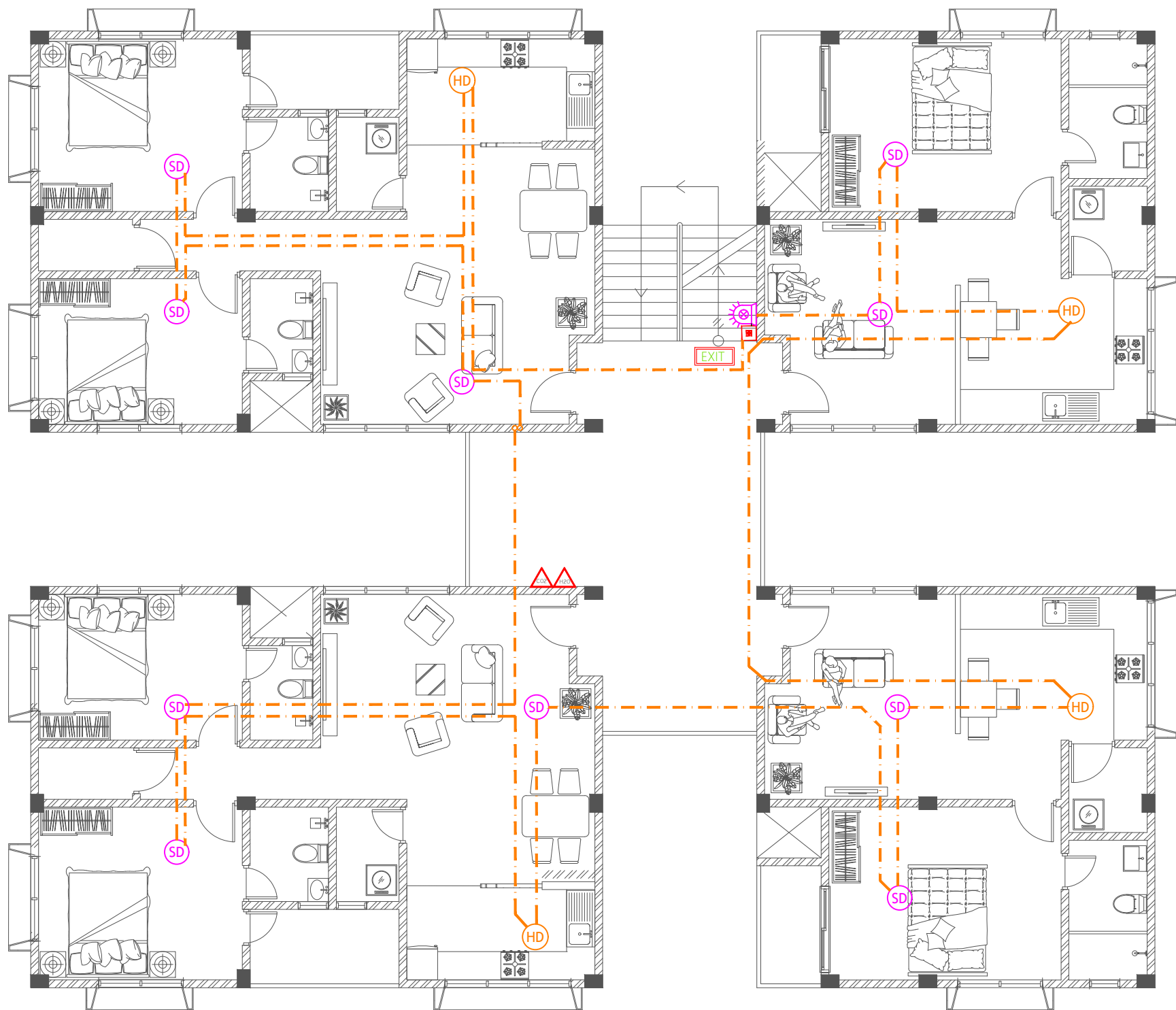
CONNECTION TO FACP AT SERVICE BUILDING



FIRE SAFETY PLAN | GROUND FLOOR

SCALE 1:100

 MTCC MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>SURVEY DESIGN AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT, MTCC TOWER, BODU THAKURUFARANU MAGU, MALE 20181, REPUBLIC OF MALDIVES, PHONE: + (960) 332 6822 FAX: + (960) 333 2835 E-MAIL: design.development@mtcc.com.mv</small>	PROJECT TITLE HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING	CLIENT & ADDRESS MINISTRY OF HEALTH		DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION		REV	DESCRIPTION	DATE	APPR	SHEET IDENTIFICATION NUMBER F1.01 SHEET TITLE 09
	DRAWING TITLE AS GIVEN	PROJECT LOCATION HA. HOARAFUSHI		ENGINEER: IBRAHIM THOAM	STRUCTURAL CHECKER: ABDULLA RAMEEZ					
				ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRFAN WAHEED	PAPER A3	SCALE AS GVN			
				DRAWN BY: RASSAM	CHECKED BY: AMINATH SAMAHA	DATE 19-08-2020				




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

SCALE 1:100

 MTCC MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>SURVEY DESIGN AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT, MTCC TOWER, BODU THAKURUFARANU MAGU, MALE 20181, REPUBLIC OF MALDIVES, PHONE: + (960) 332 6822 FAX: + (960) 333 2835 E-MAIL: design.development@mtcc.com.mv</small>	PROJECT TITLE HA. HOARAFUSHI HOSPITAL ACCOMMODATION L BUILDING	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION		REV	DESCRIPTION	DATE	APPR	SHEET IDENTIFICATION NUMBER F1.02 SHEET TITLE 10
	DRAWING TITLE AS GIVEN	PROJECT LOCATION HA. HOARAFUSHI	ENGINEER: IBRAHIM THOAM	STRUCTURAL CHECKER: ABDULLA RAMEEZ					
			ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRFAN WAHEED	PAPER A3	SCALE AS GVN			
			DRAWN BY: RASSAM	CHECKED BY: AMINATH SAMAHA	DATE 19-08-2020				