

# R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION BUILDING | SERVICES DRAWING

---

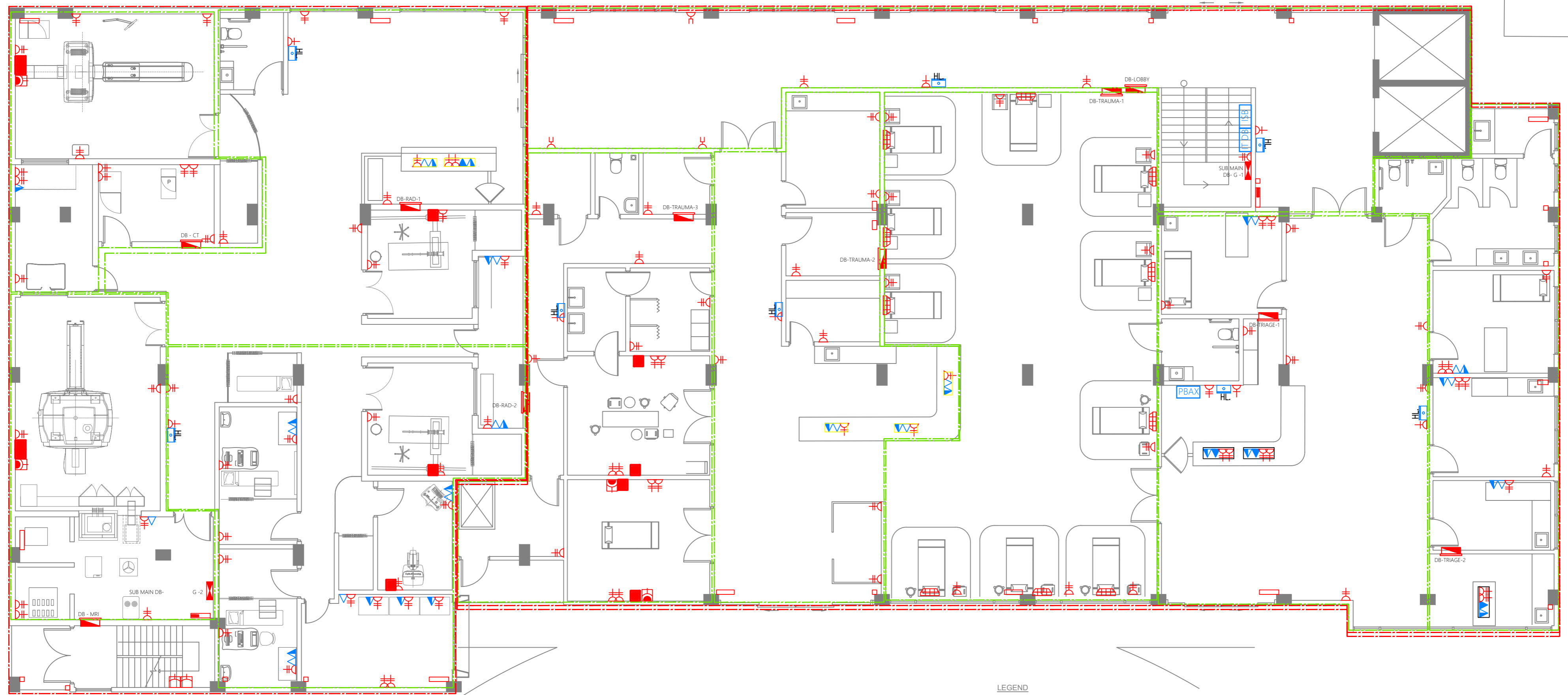
---

CLIENT: MINISTRY OF HEALTH

DESIGN : SURVEY , DESIGN AND DEVELOPMENT SECTION | MTCC PLC

DATE: 16 JULY 2020

LOCATION: R.UNGOOFAARU



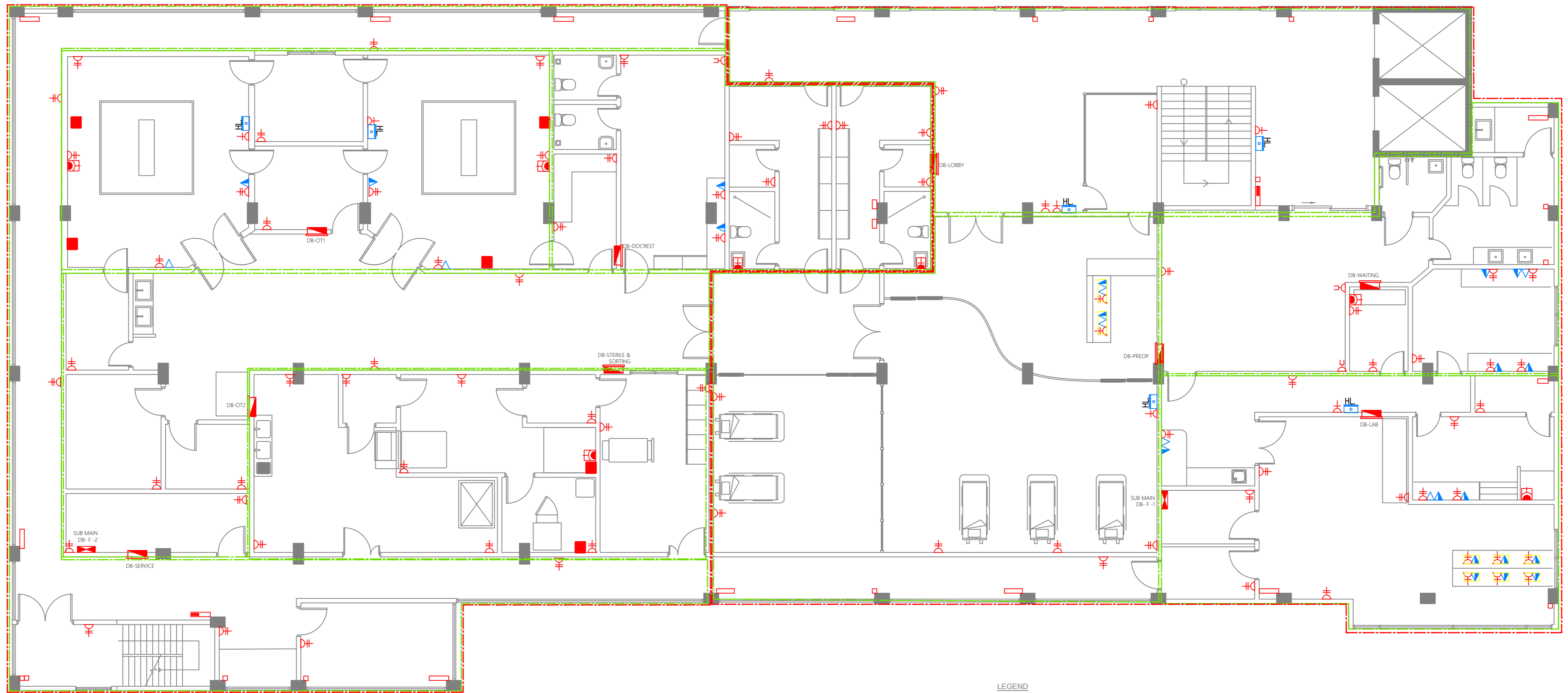
LEGEND

- 13A TWIN SOCKET
- 13A TWIN SOCKET WITH USB PORTS
- 15A SWITCH @ 1200MM FROM F.F.L.
- 15A SOCKET IN POLYCARBONATE BOX
- 15A POWER SOCKET
- SHAVER SOCKET FOR TOILETS ONLY AT 1000MM FROM F.F.L.
- 4 POWER OUTLETS FOR VERTICAL HEADWALLS
- 13A POWER SOCKET
- TPN ISOLATOR
- DISTRIBUTION BOARD
- SUB MAIN DISTRIBUTION BOARD
- 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
- HDMI SOCKET
- TELEPHONE EXTENSION
- TELEPHONE OUTLET
- COMPUTER NETWORK OUTLET
- TV SOCKET OUTLET
- EMERGENCY LIGHT
- IT DISTRIBUTION BOARD
- PRIVATE AUTOMATIC BRANCH EXCHANGE (PBX)
- INTERNET SWITCHBOARD
- AREA COVERED BY SUB MAIN DISTRIBUTION BOARD
- AREA COVERED BY DISTRIBUTION BOARD

**GROUND FLOOR | ELECTRICAL LAYOUT**  
SCALE 1:100

<p><b>M T C C</b> MALDIVES TRANSPORT &amp; CONTRACTING COMPANY PLC</p>	PROJECT TITLE R. UNGOOFAARU REGIONAL HOSPITAL EXTENSION	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION	REV	DESCRIPTION	DATE	APPR	<p>SHEET IDENTIFICATION NUMBER</p> <p><b>E1.01</b></p> <p>SHEET TITLE</p> <p>01</p>
	DRAWING TITLE AS GIVEN	PROJECT LOCATION R. UNGOOFAARU	ENGINEER: IBRAHIM THOAM	STRUCTURAL CHECKER: ABDULLA RAMEEZ				
		ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRUFAN WAHEED	PAPER A3	SCALE AS GVN			
		DRAWN BY: RASSAM MOHMED	CHECKED BY: HASSAN SHAHULAN	DATE 16-07-20				

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 work, 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

- 13A TWIN SOCKET
- 13A TWIN SOCKET WITH USB PORTS
- 15A SWITCH @ 1200MM FROM F.F.L.
- 15A SOCKET IN POLYCARBONATE BOX
- 15A POWER SOCKET
- SHAVER SOCKET FOR TOILETS ONLY AT 1000MM FROM F.F.L.
- 4 POWER OUTLETS FOR VERTICAL HEADWALLS
- 13A POWER SOCKET
- TPN ISOLATOR
- DISTRIBUTION BOARD
- SUB MAIN DISTRIBUTION BOARD
- 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
- HDMI SOCKET
- TELEPHONE EXTENSION
- TELEPHONE OUTLET
- COMPUTER NETWORK OUTLET
- TV SOCKET OUTLET
- EMERGENCY LIGHT
- IT DISTRIBUTION BOARD
- PRIVATE AUTOMATIC BRANCH EXCHANGE (PBX)
- INTERNET SWITCHBOARD
- AREA COVERED BY SUB MAIN DISTRIBUTION BOARD
- AREA COVERED BY DISTRIBUTION BOARD

**FIRST FLOOR | ELECTRICAL LAYOUT**  
SCALE 1:100



	<b>PROJECT TITLE</b> R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION	<b>CLIENT &amp; ADDRESS</b> MINISTRY OF HEALTH	<b>DESIGN ARCHITECT:</b> SURVEYING, DESIGN AND DEVELOPMENT SECTION <b>ENGINEER:</b> IBRAHIM THOAM <b>ARCHITECT:</b> AMINATH ZOONA <b>DRAWN BY:</b> HASSAM MOHMED	<b>STRUCTURAL CHECKER:</b> ABDULLA RAMEEZ <b>ARCHITECTURAL CHECKER:</b> IRUFAN WAHEED <b>CHECKED BY:</b> HASSAN SHAHULAN	<b>PAPER</b> A3 <b>SCALE</b> AS GVN <b>DATE</b> 16-07-20	<b>REV</b>	<b>DESCRIPTION</b>	<b>DATE</b>	<b>APPR</b>	<b>SHEET IDENTIFICATION NUMBER</b>  E1.02  SHEET TITLE 02
	<b>DRAWING TITLE</b> AS GIVEN	<b>PROJECT LOCATION</b> R.UNGOOFAARU								

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 work, 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 might be used as they were intended, once, and on the same site and project.



**LEGEND**

- 13A TWIN SOCKET
- 13A TWIN SOCKET WITH USB PORTS
- 15A SWITCH @ 1200MM FROM F.F.L.
- 15A SOCKET IN POLYCARBONATE BOX
- 15A POWER SOCKET
- SHAVER SOCKET FOR TOILETS ONLY AT 1000MM FROM F.F.L.
- 4 POWER OUTLETS FOR VERTICAL HEADWALLS
- 13A POWER SOCKET
- TPN ISOLATOR
- DISTRIBUTION BOARD
- SUB MAIN DISTRIBUTION BOARD
- 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
- HDMI SOCKET
- TELEPHONE EXTENSION
- TELEPHONE OUTLET
- COMPUTER NETWORK OUTLET
- TV SOCKET OUTLET
- EMERGENCY LIGHT
- IT DISTRIBUTION BOARD
- PRIVATE AUTOMATIC BRANCH EXCHANGE (PABX)
- INTERNET SWITCHBOARD
- AREA COVERED BY SUB MAIN DISTRIBUTION BOARD
- AREA COVERED BY DISTRIBUTION BOARD

**SECOND FLOOR | ELECTRICAL LAYOUT**  
SCALE 1:100

<p><b>M T C C</b> MALDIVES TRANSPORT &amp; CONTRACTING COMPANY PLC</p> <p><small>DESIGN, SURVEY AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MOTCO TOWER, 82/83 THIRUPAVANU ROAD, MALÉ 20141 REPUBLIC OF MALDIVES PHONE : +960 333 8822 FAX : +960 333 2820 E-MAIL: design.development@mtcc.com.mv</small></p>	<p>PROJECT TITLE <b>R. UNGOOFAARU REGIONAL HOSPITAL EXTENSION</b></p>	<p>CLIENT &amp; ADDRESS <b>MINISTRY OF HEALTH</b></p>	<p>DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION</p> <p>ENGINEER: IBRAHIM THOAM</p> <p>ARCHITECT: AMINATH ZOONA</p> <p>DRAWN BY: RASSAM MOHMED</p>	<p>STRUCTURAL CHECKER: ABDULLA RAMEEZ</p> <p>ARCHITECTURAL CHECKER: IRUFAN WAHEED</p> <p>CHECKED BY: HASSAN SHAHULAN</p>	<p>PAPER SCALE A3 AS GVN</p> <p>DATE 16-07-20</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> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPR													<p>SHEET IDENTIFICATION NUMBER <b>E1.03</b></p> <p>SHEET TITLE 03</p>
	REV	DESCRIPTION	DATE	APPR																			
<p><small>COPYRIGHT All plans, sketches, drawings, graphic representations and specifications prepared by the Architect(s) &amp; Engineer(s) are instruments of service. The copyright and ownership of both the design and these instruments of service belong to the Architect(s) &amp; Engineer(s) and may not be used for any other project, or work, 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 might be used as they were intended, once, and on the same site and project.</small></p>																							



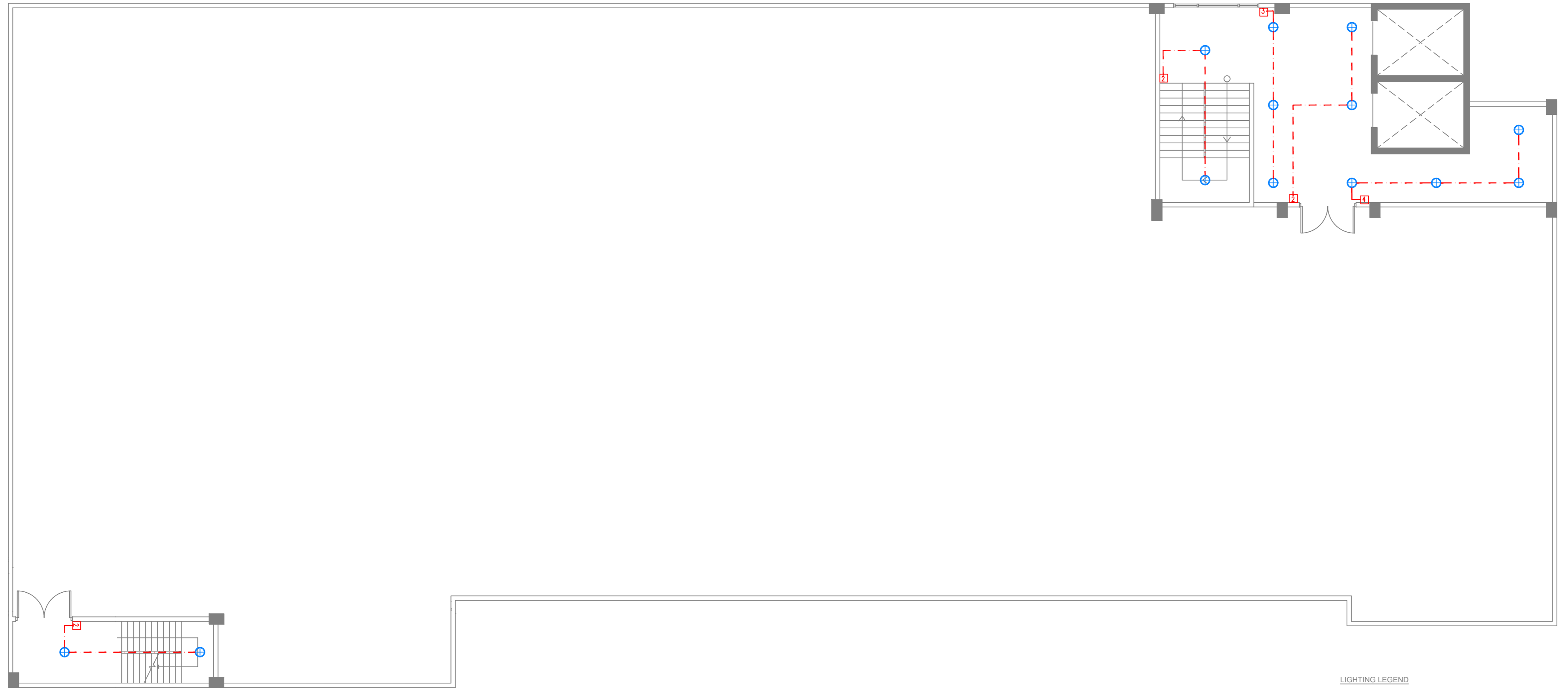












LIGHTING LEGEND

- 600 X 600 RECTANGULAR LED PANEL
- RECESSED BAFFLE TRIM LED CEILING LIGHT TYPE 2 (10W)
- CEILING RECESSED SPOT LIGHT (5W)
- CEILING LIGHT (12W)
- LED STRIP IN CEILING COVE
- 150 X 1200 CEILING RECESSED LED PANEL
- LED STRIP COVE LIGHT BEDSIDE IP65
- 1 2 3 4 LIGHT SWITCH (1 GANG - 4 GANG)
- FALSE CEILING

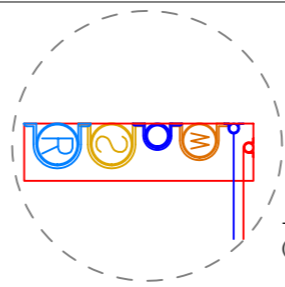


TERRACE FLOOR | LIGHTING PLAN

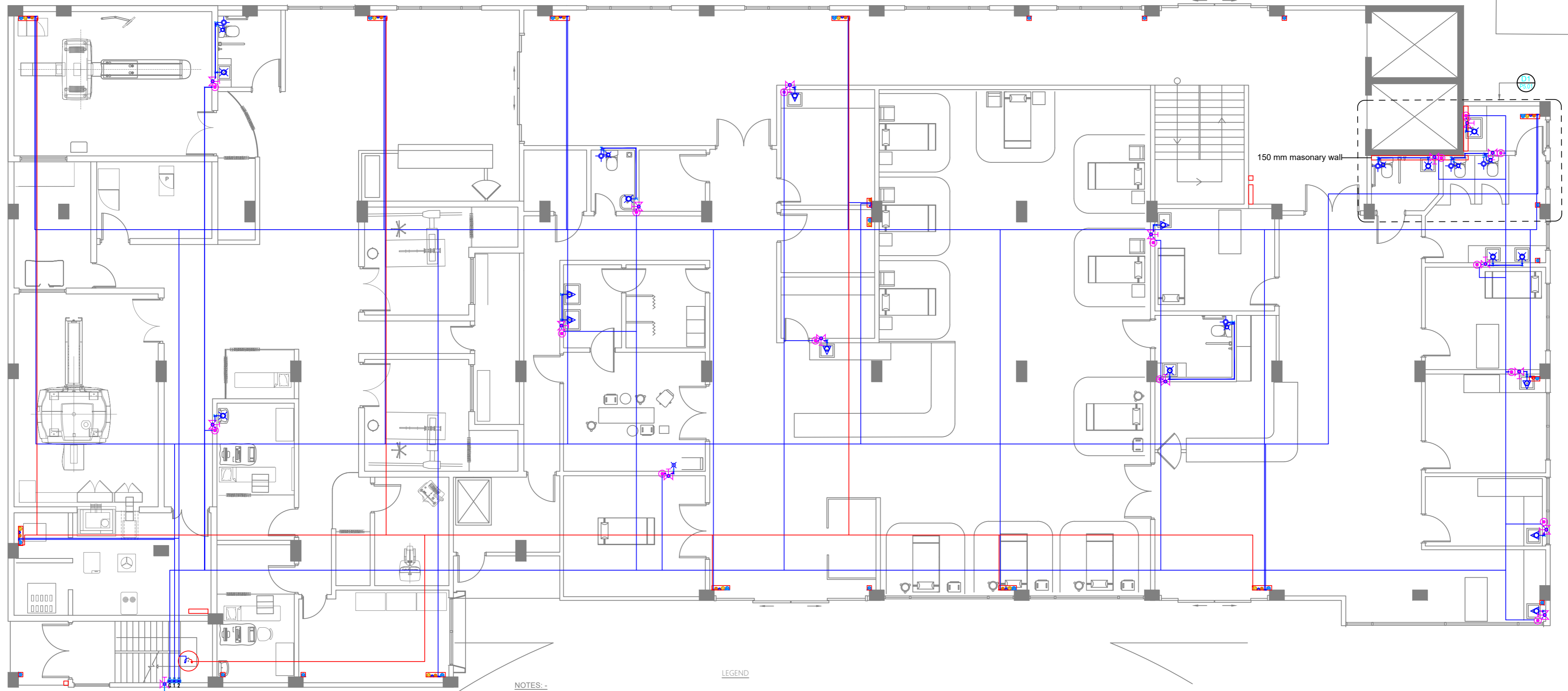
SCALE 1:100

	<b>PROJECT TITLE</b> R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION	<b>CLIENT &amp; ADDRESS</b> MINISTRY OF HEALTH	<b>DESIGN ARCHITECT:</b> SURVEYING, DESIGN AND DEVELOPMENT SECTION											SHEET IDENTIFICATION NUMBER  <b>L1.04</b>  SHEET TITLE 08																			
	<b>DRAWING TITLE</b> AS GIVEN	<b>PROJECT LOCATION</b> R.UNGOOFAARU	<b>ENGINEER:</b> IBRAHIM THOAM	<b>STRUCTURAL CHECKER:</b> ABDULLA RAMEEZ	<b>ARCHITECT:</b> AMINATH ZOONA	<b>ARCHITECTURAL CHECKER:</b> IRUFAAN WAHEED	<b>PAPER</b> A3	<b>SCALE</b> AS GVN	<b>DATE</b> 16-07-20																								
				<b>DRAWN BY:</b> RASSAM MOHMED	<b>CHECKED BY:</b> HASSAN SHAHULAN																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">REV</th> <th style="width: 80%;">DESCRIPTION</th> <th style="width: 5%;">DATE</th> <th style="width: 5%;">APPR</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>												REV	DESCRIPTION	DATE	APPR																		
REV	DESCRIPTION	DATE	APPR																														

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 work, 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 might be used as they were intended, once, and on the same site and project.



TYPICAL DUCT DETAIL  
(BLOW UP DETAIL)



150 mm masonry wall

PIPE FROM MAINS SUPPLY

NOTES :-  
-ALL COLD WATER PIPES SHOULD BE PVC  
-SLL HOT WATER PIPES SHOULD BE PPR

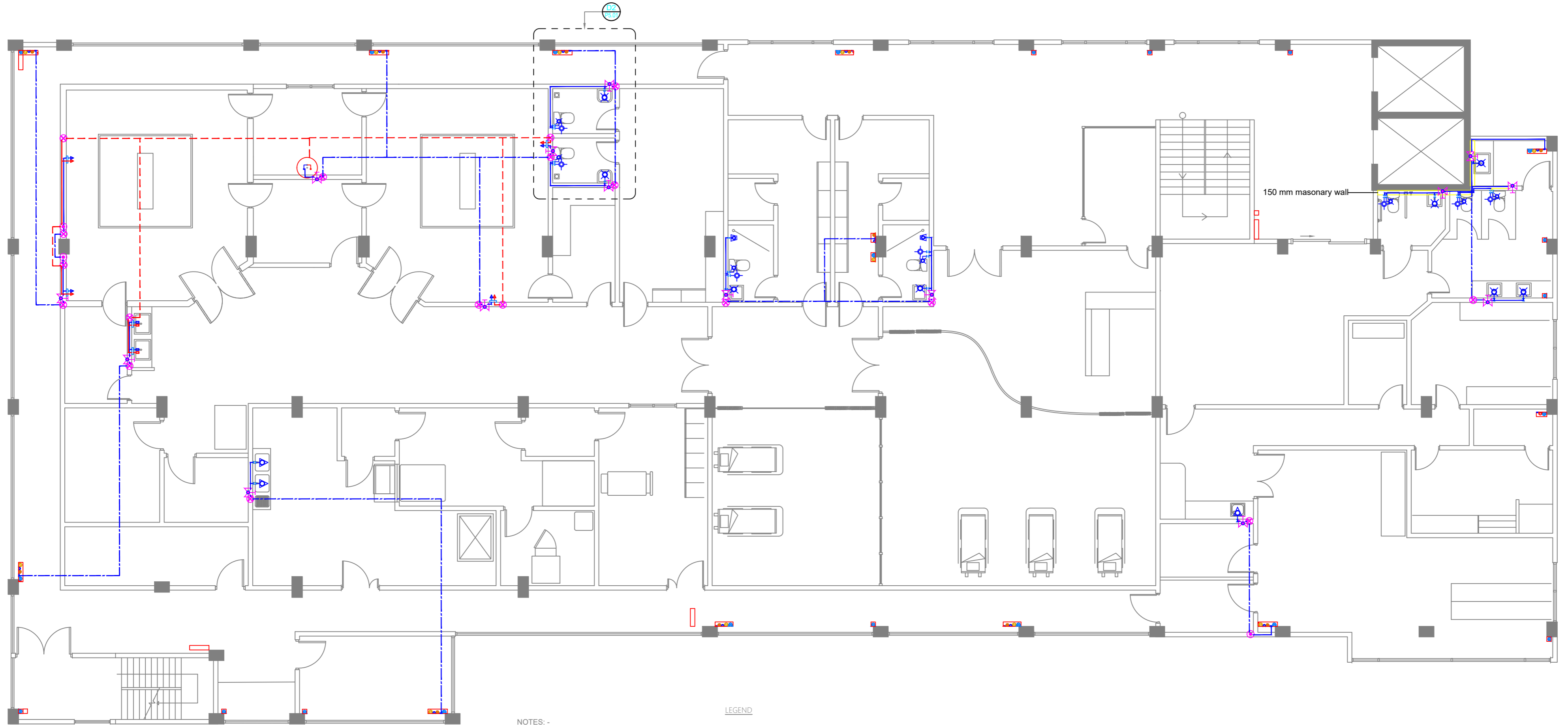
LEGEND

- 160 COLD WATER SUPPLY & 120 HOT WATER SUPPLY TO TUB FAUCET
- GATE VALVE FOR GROUND WATER SUPPLY
- 160 RAIN WATER SUPPLY TO WALL TAP
- MWSC BOOSTER PUMP
- WELL WATER PUMP
- RAIN WATER PUMP
- FOOT VALVE WITH STRAINER
- 250 HOT WATER SUPPLY PIPES
- 200L FLOOR STANDING WATER HEATER
- 100L WALL-HUNG WATER HEATER
- 400 HOT WATER SUPPLY PIPES RUNNING UNDERGROUND
- 120 HOT WATER SUPPLY PIPES RUNNING IN WALL
- 120 HOT WATER SUPPLY PIPES RUNNING ABOVE FALSE CEILING
- 160 COLD WATER SUPPLY TO BASIN FAUCET
- 160 COLD WATER SUPPLY TO WALL TAP
- 160 COLD WATER SUPPLY TO SINK TAP
- 160 COLD WATER SUPPLY TO BIDET SHOWER
- 160 COLD WATER SUPPLY TO CISTERN
- 160 COLD WATER SUPPLY & 120 HOT WATER SUPPLY TO SHOWER MIXER
- 160 COLD WATER SUPPLY & 120 HOT WATER SUPPLY TO BASIN MIXER FAUCET
- 160 COLD WATER SUPPLY & 120 HOT WATER SUPPLY TO TUB FAUCET
- INSTANT WATER HEATER ABOVE FALSE CEILING
- GATE VALVE
- RISE IN WALL
- DROP IN WALL
- MWSC METER
- 250 COLD WATER SUPPLY PIPES RUNNING UNDERGROUND
- 200 COLD WATER SUPPLY PIPES RUNNING IN WALL
- 200 COLD WATER SUPPLY PIPES RUNNING ABOVE FALSE CEILING
- 120 HOT WATER SUPPLY PIPES RUNNING ABOVE FALSE CEILING
- 250 GROUND WATER SUPPLY (GWS) PIPE
- 160 RAIN WATER SUPPLY (RWS) PIPES
- 250 RAIN WATER SUPPLY (RWS) PIPES
- FOOT VALVE WITH STRAINER
- GATE VALVE FOR GROUND WATER SUPPLY
- 160 RAIN WATER SUPPLY TO WALL TAP
- MWSC BOOSTER PUMP
- WELL WATER PUMP
- RAIN WATER PUMP
- 160 COLD WATER SUPPLY TO TAPWARE
- 160 COLD WATER SUPPLY TO HEAD SHOWER
- 200 COLD WATER SUPPLY & 200 HOT WATER SUPPLY TO BEDPAN
- 160 COLD WATER SUPPLY & 120 HOT WATER SUPPLY TO SCRUB

**GROUND FLOOR | FRESH WATER PLAN**  
SCALE 1:100



 <b>M T C C</b> MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>DESIGN, SURVEY AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MOTCO TOWER, BODU THIRUPURAYUWU, MALÉ 20145 REPUBLIC OF MALDIVES PHONE : +960 333 8822 FAX : +960 333 2820 E-MAIL : design.development@mtcc.com.mv</small>	PROJECT TITLE <b>R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION</b>	CLIENT & ADDRESS <b>MINISTRY OF HEALTH</b>	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION ENGINEER: IBRAHIM THOAM ARCHITECT: AMINATH ZOONA DRAWN BY: HASSAM MOHMED	STRUCTURAL CHECKER: ABDULLA RAMEEZ ARCHITECTURAL CHECKER: IRUFAN WAHEED CHECKED BY: HASSAN SHAHULAN	PAPER A3 SCALE AS GVN DATE 16-07-20	<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 <b>P1.01</b> SHEET TITLE 09
	REV	DESCRIPTION	DATE	APPR											
<small>COPYRIGHT All plans, sketches, drawings, graphic representations and specifications prepared by the Architect(s) &amp; Engineer(s) are instruments of service. The copyright and ownership of both the design and these instruments of service belong to the Architect(s) &amp; Engineer(s) and may not be used for any other project, or work, 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 might be used as they were intended, once, and on the same site and project.</small>															



**NOTES:-**

- ALL COLD WATER PIPES SHOULD BE PVC
- SLL HOT WATER PIPES SHOULD BE PPR

**LEGEND**

- 16Ø COLD WATER SUPPLY & 12Ø HOT WATER SUPPLY TO TUB FAUCET
- GATE VALVE FOR GROUND WATER SUPPLY
- 16Ø RAIN WATER SUPPLY TO WALL TAP
- MWSC BOOSTER PUMP
- WELL WATER PUMP
- RAIN WATER PUMP
- FOOT VALVE WITH STRAINER
- 25Ø HOT WATER SUPPLY PIPES
- 200L FLOOR STANDING WATER HEATER
- 100L WALL-HUNG WATER HEATER
- 40Ø HOT WATER SUPPLY PIPES RUNNING UNDERGROUND
- 12Ø HOT WATER SUPPLY PIPES RUNNING IN WALL
- 12Ø HOT WATER SUPPLY PIPES RUNNING ABOVE FALSE CEILING
- 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
- 16Ø COLD WATER SUPPLY & 12Ø HOT WATER SUPPLY TO BASIN MIXER FAUCET
- 16Ø COLD WATER SUPPLY & 12Ø HOT WATER SUPPLY TO TUB FAUCET
- 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
- 12Ø HOT WATER SUPPLY PIPES RUNNING ABOVE FALSE CEILING
- 25Ø GROUND WATER SUPPLY (GWS) PIPE
- 16Ø RAIN WATER SUPPLY (RWS) PIPES
- 25Ø RAIN WATER SUPPLY (RWS) PIPES
- FOOT VALVE WITH STRAINER
- GATE VALVE FOR GROUND WATER SUPPLY
- 16Ø RAIN WATER SUPPLY TO WALL TAP
- MWSC BOOSTER PUMP
- WELL WATER PUMP
- RAIN WATER PUMP
- 16Ø COLD WATER SUPPLY TO TAPWARE
- 16Ø COLD WATER SUPPLY TO HEAD SHOWER
- 20Ø COLD WATER SUPPLY & 20Ø HOT WATER SUPPLY TO BEDPAN
- 16Ø COLD WATER SUPPLY & 12Ø HOT WATER SUPPLY TO SCRUB



**FIRST FLOOR | FRESH WATER PLAN**

SCALE 1:100

<p><b>M T C C</b> MALDIVES TRANSPORT &amp; CONTRACTING COMPANY PLC</p> <p><small>DESIGN, SURVEY AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MINISTRY OF HEALTH, MALDIVES REPUBLIC OF MALDIVES PHONE: +960 333 8882 FAX: +960 333 2800 E-MAIL: design.development@mtcc.com.mv</small></p>	<p>PROJECT TITLE R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION</p>	<p>CLIENT &amp; ADDRESS MINISTRY OF HEALTH</p>	<p>DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION</p> <p>ENGINEER: IBRAHIM THOAM</p> <p>ARCHITECT: AMINATH ZOONA</p> <p>DRAWN BY: RASSAM MOHMED</p>	<p>STRUCTURAL CHECKER: ABDULLA RAMEEZ</p> <p>ARCHITECTURAL CHECKER: IRUFAN WAHEED</p> <p>CHECKED BY: HASSAN SHAHULAN</p>	<p>PAPER A3</p> <p>SCALE AS GVN</p> <p>DATE 16-07-20</p>	<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					<p>SHEET IDENTIFICATION NUMBER <b>P1.02</b></p> <p>SHEET TITLE 10</p>
	REV	DESCRIPTION	DATE	APPR											
<p>DRAWING TITLE AS GIVEN</p>		<p>PROJECT LOCATION R.UNGOOFAARU</p>	<p><small>COPYRIGHT All plans, sketches, drawings, graphic representations and specifications prepared by the Architect(s) &amp; Engineer(s) are instruments of service. The copyright and ownership of both the design and these instruments of service belong to the Architect(s) &amp; Engineer(s) and may not be used for any other project, or work, 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.</small></p>												

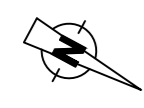


**NOTES :-**

- ALL COLD WATER PIPES SHOULD BE PVC
- SLL HOT WATER PIPES SHOULD BE PPR

**LEGEND**

- 160 COLD WATER SUPPLY & 120 HOT WATER SUPPLY TO TUB FAUCET
- GATE VALVE FOR GROUND WATER SUPPLY
- 160 RAIN WATER SUPPLY TO WALL TAP
- MWSC BOOSTER PUMP
- WELL WATER PUMP
- RAIN WATER PUMP
- FOOT VALVE WITH STRAINER
- 250 HOT WATER SUPPLY PIPES
- 200L FLOOR STANDING WATER HEATER
- 100L WALL-HUNG WATER HEATER
- 400 HOT WATER SUPPLY PIPES RUNNING UNDERGROUND
- 120 HOT WATER SUPPLY PIPES RUNNING IN WALL
- 120 HOT WATER SUPPLY PIPES RUNNING ABOVE FALSE CEILING
- 160 COLD WATER SUPPLY TO BASIN FAUCET
- 160 COLD WATER SUPPLY TO WALL TAP
- 160 COLD WATER SUPPLY TO SINK TAP
- 160 COLD WATER SUPPLY TO BIDET SHOWER
- 160 COLD WATER SUPPLY TO CISTERN
- 160 COLD WATER SUPPLY & 120 HOT WATER SUPPLY TO SHOWER MIXER
- 160 COLD WATER SUPPLY & 120 HOT WATER SUPPLY TO BASIN MIXER FAUCET
- 160 COLD WATER SUPPLY & 120 HOT WATER SUPPLY TO TUB FAUCET
- INSTANT WATER HEATER ABOVE FALSE CEILING
- GATE VALVE
- RISE IN WALL
- DROP IN WALL
- MWSC METER
- 250 COLD WATER SUPPLY PIPES RUNNING UNDERGROUND
- 200 COLD WATER SUPPLY PIPES RUNNING IN WALL
- 200 COLD WATER SUPPLY PIPES RUNNING ABOVE FALSE CEILING
- 120 HOT WATER SUPPLY PIPES RUNNING ABOVE FALSE CEILING
- 250 GROUND WATER SUPPLY (GWS) PIPE
- 160 RAIN WATER SUPPLY (RWS) PIPES
- 250 RAIN WATER SUPPLY (RWS) PIPES
- FOOT VALVE WITH STRAINER
- GATE VALVE FOR GROUND WATER SUPPLY
- 160 RAIN WATER SUPPLY TO WALL TAP
- MWSC BOOSTER PUMP
- WELL WATER PUMP
- RAIN WATER PUMP
- 160 COLD WATER SUPPLY TO TAPWARE
- 160 COLD WATER SUPPLY TO HEAD SHOWER
- 200 COLD WATER SUPPLY & 200 HOT WATER SUPPLY TO BEDPAN WASHER
- 160 COLD WATER SUPPLY & 120 HOT WATER SUPPLY TO SCRUB SINK



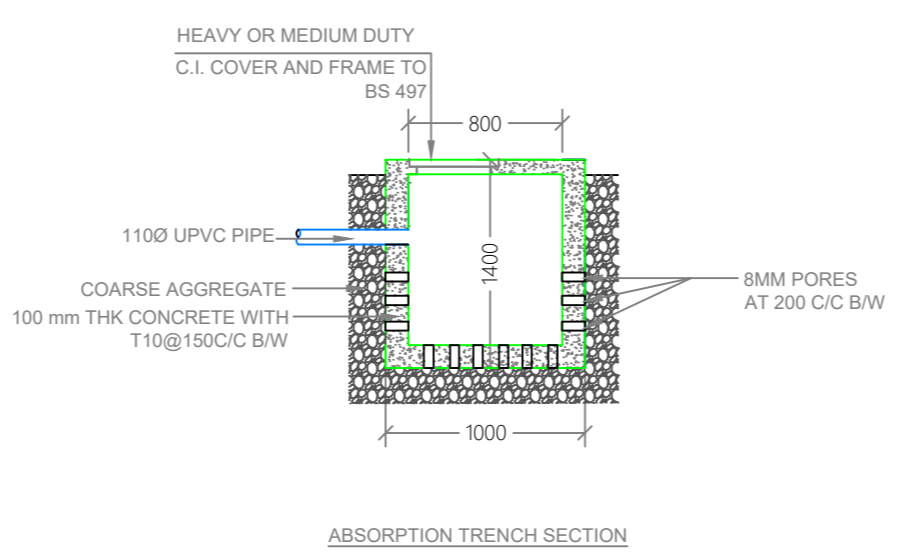
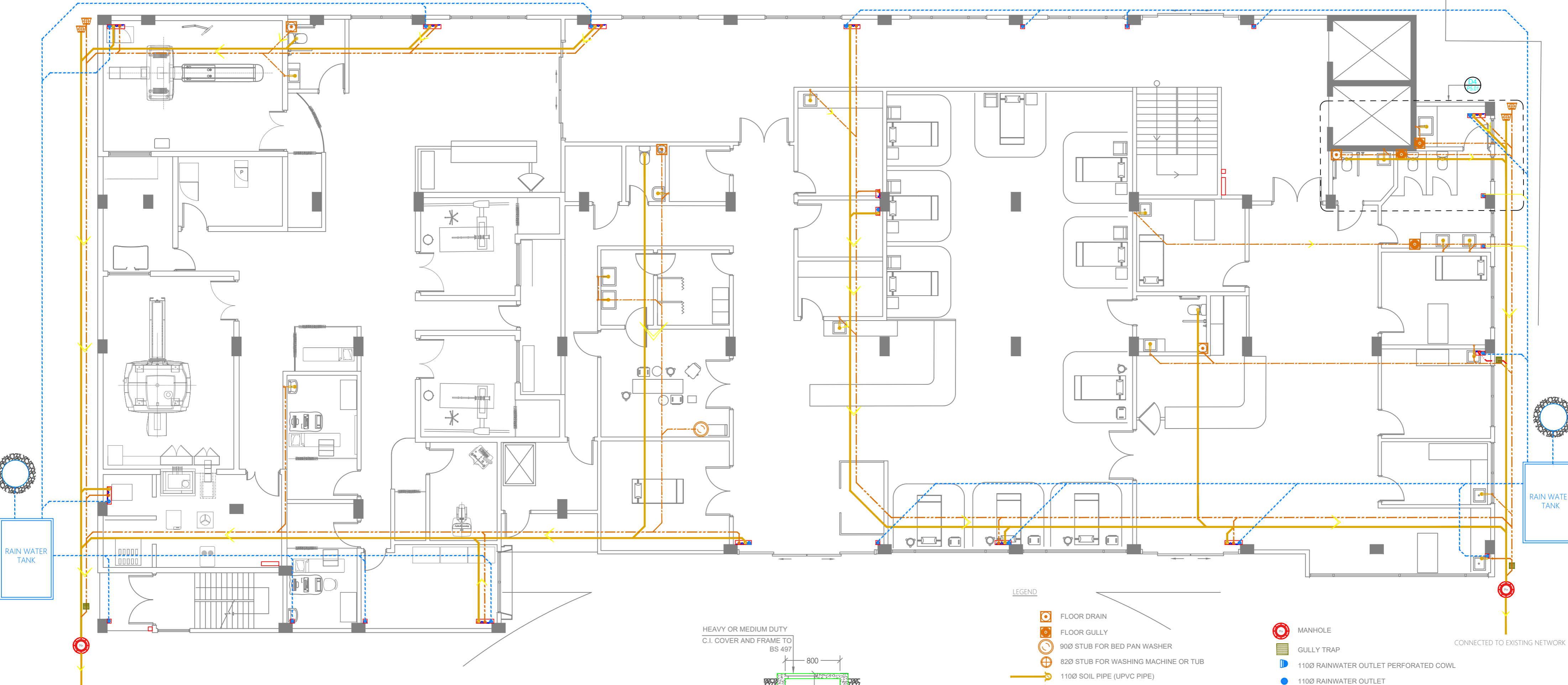
**SECOND FLOOR | FRESH WATER PLAN**

SCALE 1:100  
0 1 2 METERS

	<b>PROJECT TITLE</b> R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION	<b>CLIENT &amp; ADDRESS</b> MINISTRY OF HEALTH	<b>DESIGN ARCHITECT:</b> SURVEYING, DESIGN AND DEVELOPMENT SECTION		<b>REV</b> <b>DESCRIPTION</b>	<b>DATE</b> <b>APPR</b>	<b>SHEET IDENTIFICATION NUMBER</b>  P1.03  SHEET TITLE 11
	<b>DRAWING TITLE</b> AS GIVEN	<b>PROJECT LOCATION</b> R.UNGOOFAARU	<b>ENGINEER:</b> IBRAHIM THOAM	<b>STRUCTURAL CHECKER:</b> ABDULLA RAMEEZ			
<b>ARCHITECT:</b> AMINATH ZOONA			<b>ARCHITECTURAL CHECKER:</b> IRUFAN WAHEED				
<b>DRAWN BY:</b> RASSAM MOHMED			<b>CHECKED BY:</b> HASSAN SHAHULAN				

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 work, 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
- FLOOR GULLY
- 900 STUB FOR BED PAN WASHER
- 820 STUB FOR WASHING MACHINE OR TUB
- 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 WASTE PIPE FOR LAUNDRY (UPVC PIPE)
- 630 MANHOLE VENT PIPE (UPVC PIPE)
- 1100 RAIN WATER PIPES (UPVC PIPE)
- 1100 WASTE PIPES FROM GREEN AREAS (UPVC PIPE)
- 820 LAB WASTE PIPE (CPVC PIPE)
- 820 LAB WASTE VENT PIPE (CPVC PIPE)
- 900X1200 GREASE TRAP
- MANHOLE
- GULLY TRAP
- 1100 RAINWATER OUTLET PERFORATED COWL
- 1100 RAINWATER OUTLET
- RODDING EYE
- CLEAN OUT POINT
- BOTTLE TRAP
- 10000 ABSORPTION TRENCH

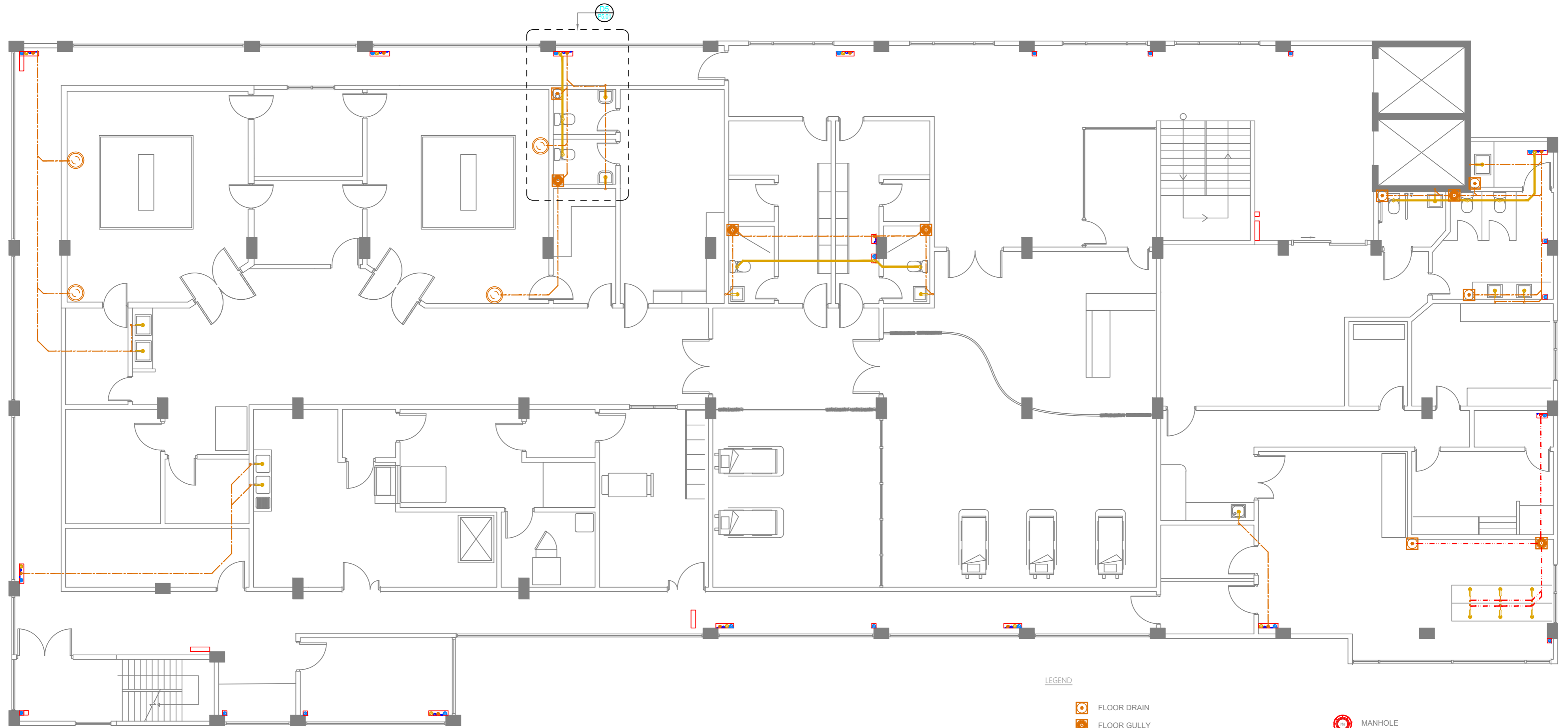
**NOTES:-**

- ALL DRAINAGE PIPES SHOULD HAVE AT A SLOPE OF 1/150
- ALL FLOOR DRAINS SHOULD HAVE 'P' TRAPS
























**GROUND FLOOR | WASTE WATER PLAN**  
SCALE 1:100

<p><b>M T C C</b> MALDIVES TRANSPORT &amp; CONTRACTING COMPANY PLC</p> <p><small>DESIGN, SURVEY AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MINISTRY OF HEALTH, MALDIVES REPUBLIC OF MALDIVES PHONE: +960 333 8822 FAX: +960 333 2828 E-MAIL: design.development@mtcc.com.mv</small></p>	<p>PROJECT TITLE R. UNGOOFAARU REGIONAL HOSPITAL EXTENSION</p> <p>DRAWING TITLE AS GIVEN</p>	<p>CLIENT &amp; ADDRESS MINISTRY OF HEALTH</p> <p>PROJECT LOCATION R. UNGOOFAARU</p>	<p>DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION</p> <p>ENGINEER: IBRAHIM THOAM</p> <p>ARCHITECT: AMINATH ZOONA</p> <p>DRAWN BY: RASSAM MOHMED</p>	<p>STRUCTURAL CHECKER: ABDULLA RAMEEZ</p> <p>ARCHITECTURAL CHECKER: IRUFAN WAHEED</p> <p>CHECKED BY: HASSAN SHAHULAN</p>	<p>PAPER A3</p> <p>SCALE AS GVN</p> <p>DATE 16-07-20</p>	<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					<p>SHEET IDENTIFICATION NUMBER <b>P2.01</b></p> <p>SHEET TITLE 12</p>
	REV	DESCRIPTION	DATE	APPR											
<p><small>COPYRIGHT All plans, sketches, drawings, graphic representations and specifications prepared by the Architect(s) &amp; Engineer(s) are instruments of service. The copyright and ownership of both the design and these instruments of service belong to the Architect(s) &amp; Engineer(s) and may not be used for any other project, or work, 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.</small></p>															






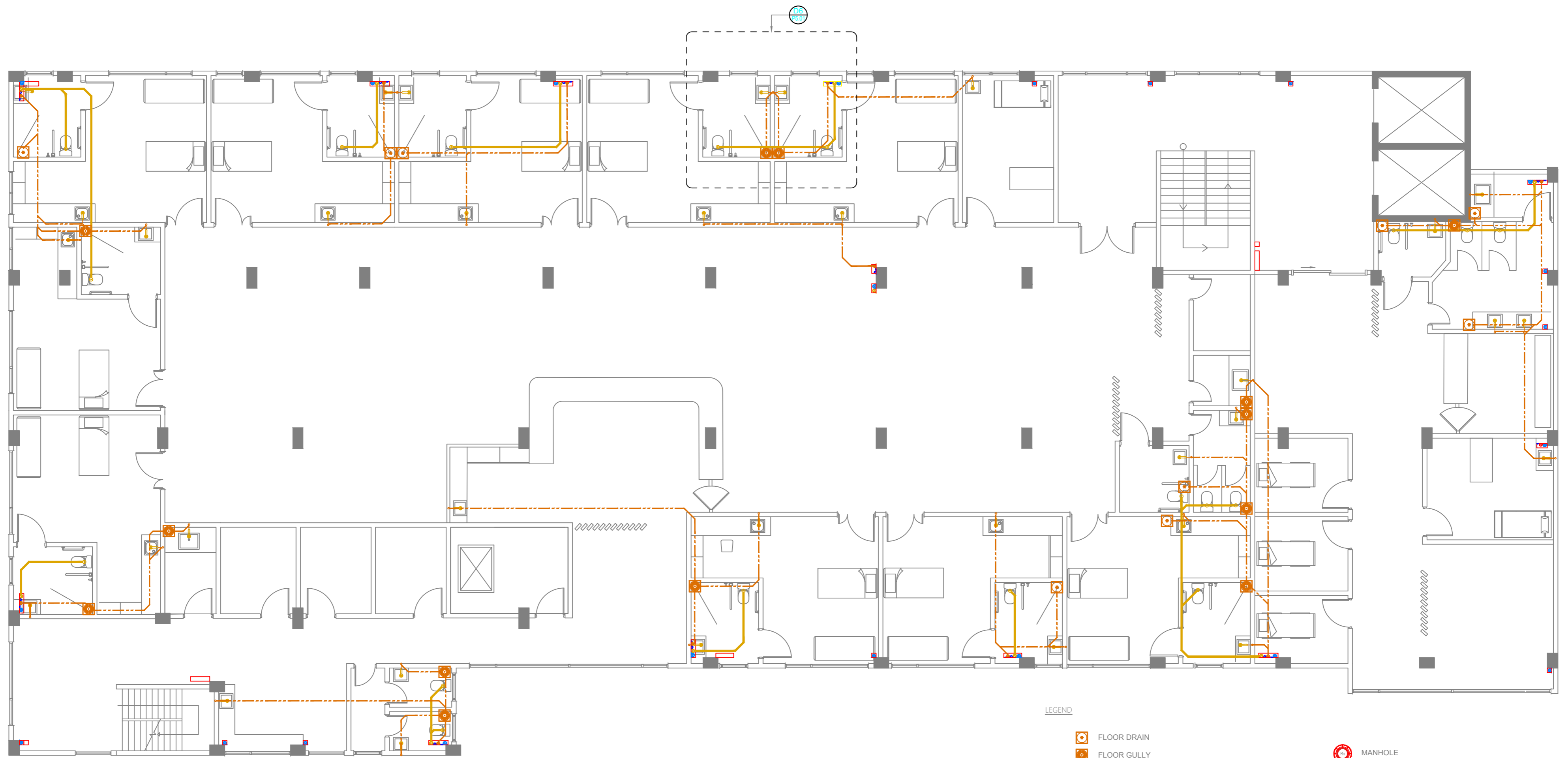
LEGEND

-  FLOOR DRAIN
  -  FLOOR GULLY
  -  900 STUB FOR BED PAN WASHER
  -  820 STUB FOR WASHING MACHINE OR TUB
  -  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 WASTE PIPE FOR LAUNDRY (UPVC PIPE)
  -  630 MANHOLE VENT PIPE (UPVC PIPE)
  -  1100 RAIN WATER PIPES (UPVC PIPE)
  -  1100 WASTE PIPES FROM GREEN AREAS (UPVC PIPE)
  -  820 LAB WASTE PIPE (CPVC PIPE)
  -  820 LAB WASTE VENT PIPE (CPVC PIPE)
  -  900X1200 GREASE TRAP
  -  MANHOLE
  -  GULLY TRAP
  -  1100 RAINWATER OUTLET PERFORATED COWL
  -  1100 RAINWATER OUTLET
  -  RODDING EYE
  -  CLEAN OUT POINT
  -  BOTTLE TRAP
- NOTES :-
- ALL DRAINAGE PIPES SHOULD HAVE A SLOPE OF 1/150
  - ALL FLOOR DRAINS SHOULD HAVE 'P' TRAPS
























**FIRST FLOOR | WASTE WATER PLAN**  
SCALE 1:100



 <b>M T C C</b> MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>DESIGN, SURVEY AND DEVELOPMENT SECTION          CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT          MOTU TORU, ROAD THIRUPURAMU MALU MALU 20161          REPUBLIC OF MALDIVES          PHONE: +960 333 8822 FAX: +960 333 2820          E-MAIL: design.development@mtcc.com.mv</small>	PROJECT TITLE <b>R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION</b>	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION ENGINEER: IBRAHIM THOAM ARCHITECT: AMINATH ZOONA DRAWN BY: RASSAM MOHMED	STRUCTURAL CHECKER: ABDULLA RAMEEZ ARCHITECTURAL CHECKER: IRUFAAN WAHEED CHECKED BY: HASSAN SHAHULAN	PAPER A3 SCALE AS GVN DATE 16-07-20	<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> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPR													SHEET IDENTIFICATION NUMBER <b>P2.02</b> SHEET TITLE 13
	REV	DESCRIPTION	DATE	APPR																			
DRAWING TITLE AS GIVEN		PROJECT LOCATION R.UNGOOFAARU		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 work, 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
-  FLOOR GULLY
-  900 STUB FOR BED PAN WASHER
-  820 STUB FOR WASHING MACHINE OR TUB
-  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 WASTE PIPE FOR LAUNDRY (UPVC PIPE)
-  630 MANHOLE VENT PIPE (UPVC PIPE)
-  1100 RAIN WATER PIPES (UPVC PIPE)
-  1100 WASTE PIPES FROM GREEN AREAS (UPVC PIPE)
-  820 LAB WASTE PIPE (CPVC PIPE)
-  820 LAB WASTE VENT PIPE (CPVC PIPE)
-  900X1200 GREASE TRAP
-  MANHOLE
-  GULLY TRAP
-  1100 RAINWATER OUTLET PERFORATED COWL
-  1100 RAINWATER OUTLET
-  RODDING EYE
-  CLEAN OUT POINT
-  BOTTLE TRAP

NOTES:-

- ALL DRAINAGE PIPES SHOULD HAVE A SLOPE OF 1/150
- ALL FLOOR DRAINS SHOULD HAVE 'P' TRAPS

 **SECOND FLOOR | WASTE WATER PLAN**  
SCALE 1:100  
 METRES

 <b>M T C C</b> MALDIVES TRANSPORT & CONTRACTING COMPANY PLC	PROJECT TITLE <b>R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION</b>	CLIENT & ADDRESS <b>MINISTRY OF HEALTH</b>	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION ENGINEER: IBRAHIM THOAM ARCHITECT: AMINATH ZOONA DRAWN BY: RASSAM MOHMED	STRUCTURAL CHECKER: ABDULLA RAMEEZ ARCHITECTURAL CHECKER: IRUFAAN WAHEED CHECKED BY: HASSAN SHAHULAN	PAPER A3 SCALE AS GVN DATE 16-07-20	<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> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPR													SHEET IDENTIFICATION NUMBER <b>P2.03</b> SHEET TITLE 14
	REV	DESCRIPTION	DATE	APPR																			
DRAWING TITLE <b>AS GIVEN</b>		PROJECT LOCATION <b>R.UNGOOFAARU</b>		PROJECT TITLE <b>R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION</b>			SHEET IDENTIFICATION NUMBER <b>P2.03</b>																

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 work, 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**

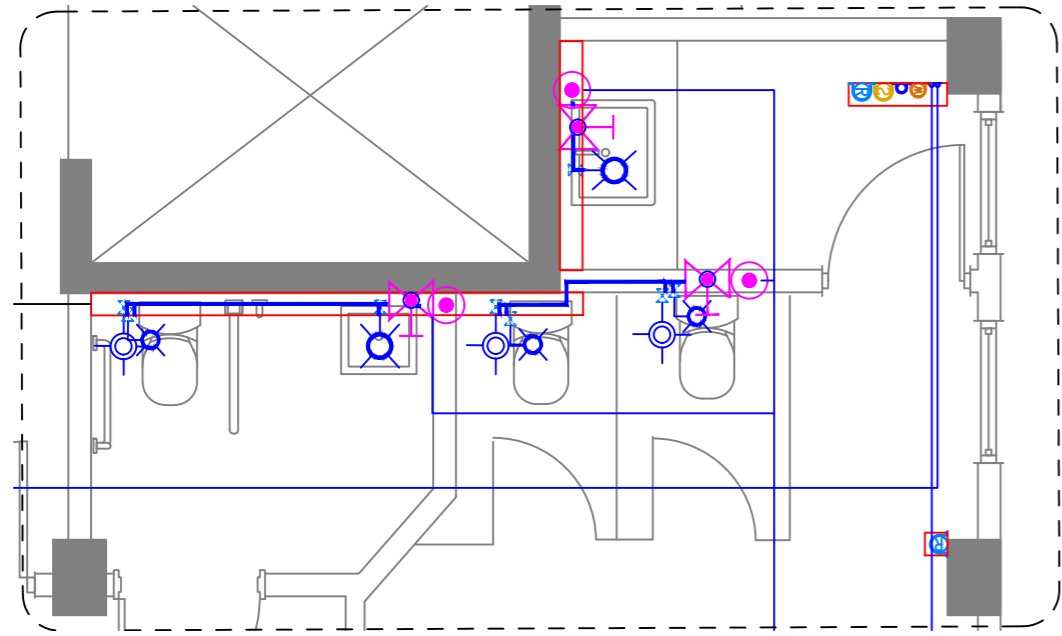
- FLOOR DRAIN
- FLOOR GULLY
- 900 STUB FOR BED PAN WASHER
- 820 STUB FOR WASHING MACHINE OR TUB
- 1100 SOIL PIPE (UPVC PIPE)
- 1100 SOIL VENT PIPE (UPVC PIPE)
- 820 WASTE PIPE (UPVC PIPE)
- 820 WASTE VENT PIPE (UPVC PIPE)
- 400 WASTE PIPE (UPVC PIPE)
- 1100 WASTE PIPE FOR LAUNDRY (UPVC PIPE)
- 630 MANHOLE VENT PIPE (UPVC PIPE)
- 1100 RAIN WATER PIPES (UPVC PIPE)
- 1100 WASTE PIPES FROM GREEN AREAS (UPVC PIPE)
- 820 LAB WASTE PIPE (CPVC PIPE)
- 820 LAB WASTE VENT PIPE (CPVC PIPE)
- 900X1200 GREASE TRAP
- MANHOLE
- GULLY TRAP
- 1100 RAINWATER OUTLET PERFORATED COWL
- 1100 RAINWATER OUTLET
- RODDING EYE
- CLEAN OUT POINT
- BOTTLE TRAP

**NOTES:-**  
 -ALL DRAINAGE PIPES SHOULD HAVE AT A SLOPE OF 1/150  
 -ALL FLOOR DRAINS SHOULD HAVE 'P' TRAPS

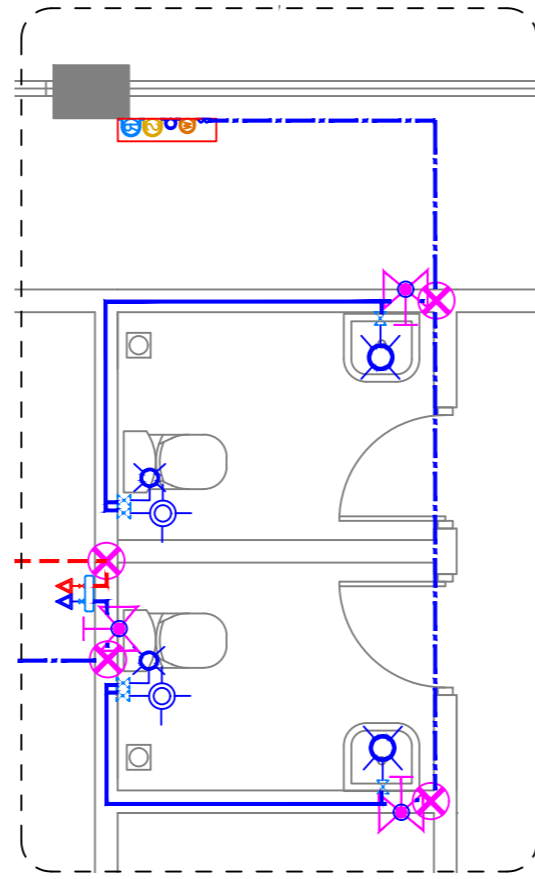
**TERRACE FLOOR | WASTE WATER PLAN**  
 SCALE 1:100  
 0 1 2 3 4 METRES

<p><b>MTCC</b> MALDIVES TRANSPORT &amp; CONTRACTING COMPANY PLC</p> <p><small>DESIGN, SURVEYING AND DEVELOPMENT SECTION        CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT        MINISTRY OF HEALTH, MALDIVES        P.O. BOX 1200, MALDIVES        PHONE: +960 333 8882 FAX: +960 333 2880        E-MAIL: design.development@mtcc.com.mv</small></p>	PROJECT TITLE <b>R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION</b>	CLIENT & ADDRESS <b>MINISTRY OF HEALTH</b>	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION	REV    DESCRIPTION	DATE    APPR	SHEET IDENTIFICATION NUMBER <b>P2.04</b> SHEET TITLE 15
	DRAWING TITLE <b>AS GIVEN</b>	PROJECT LOCATION <b>R.UNGOOFAARU</b>	ENGINEER: IBRAHIM THOAM			
			ARCHITECT: AMINATH ZOONA	ARCHITECTURAL CHECKER: IRUFAN WAHEED		
			DRAWN BY: RASSAM MOHMED	CHECKED BY: HASSAN SHAHULAN	PAPER A3	SCALE AS GVN
				DATE 16-07-20		

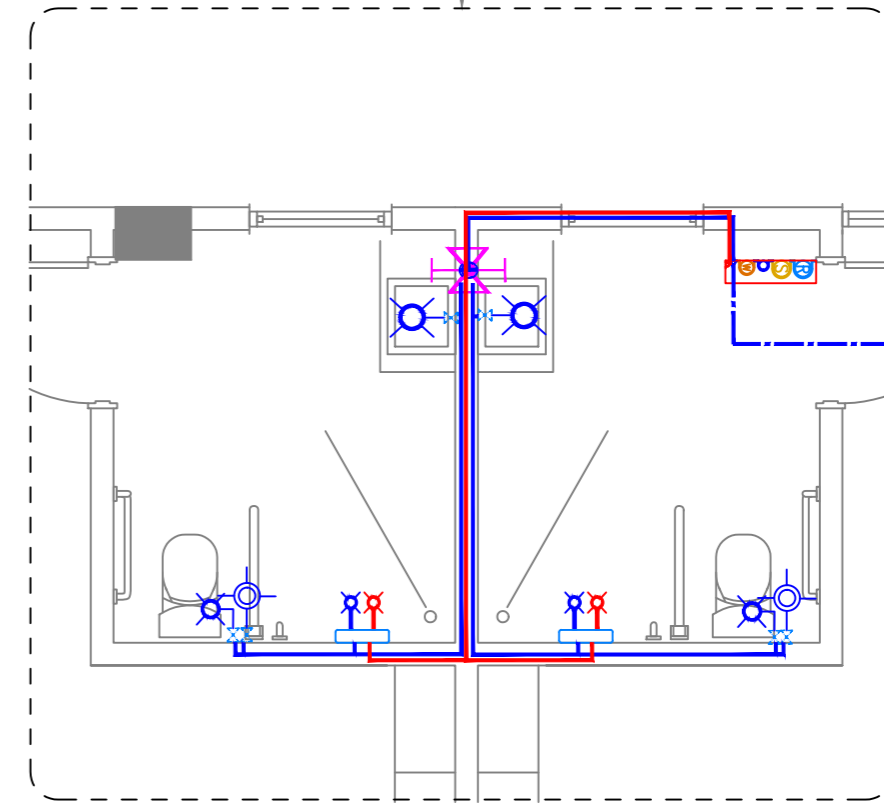
COPYRIGHT All plans, sketches, drawings, graphic representations and specifications prepared by the Architect(s) & Engineer(s) are instruments of service. The copyright and ownership of both the design and these instruments of service belong to the Architect(s) & Engineer(s) and may not be used for any other project, or work, 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.



DETAIL 1

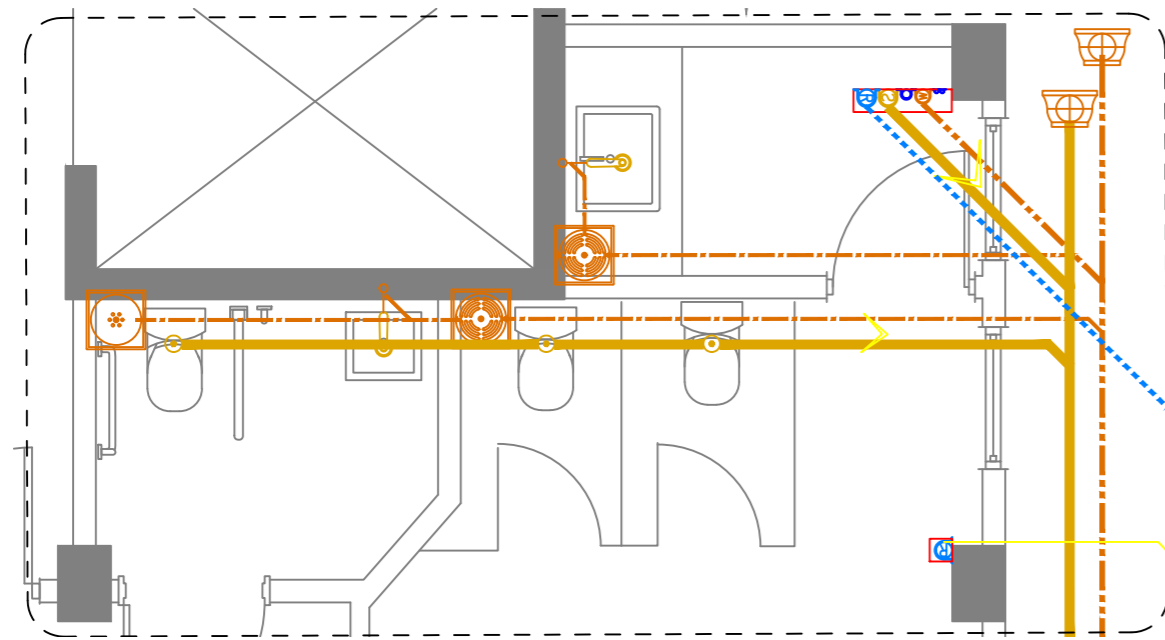
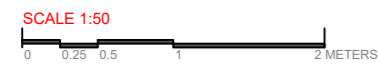


DETAIL 2

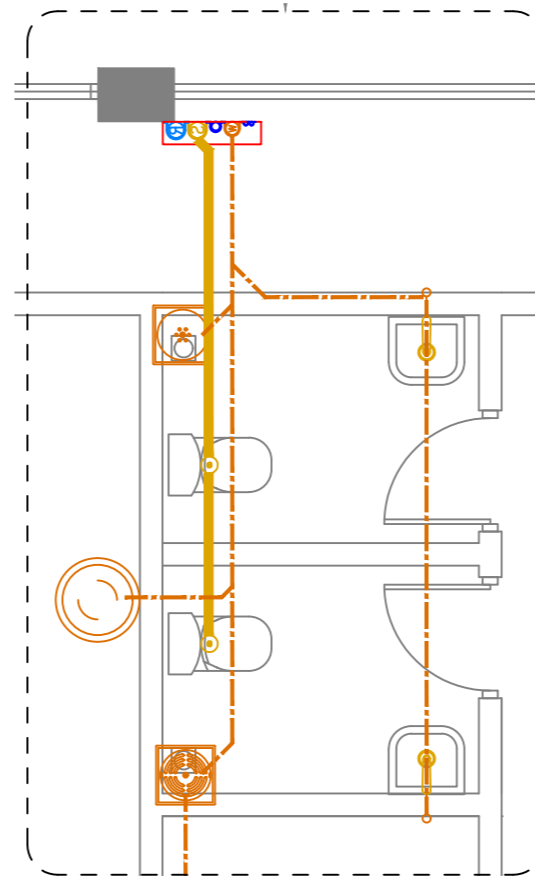


DETAIL 3

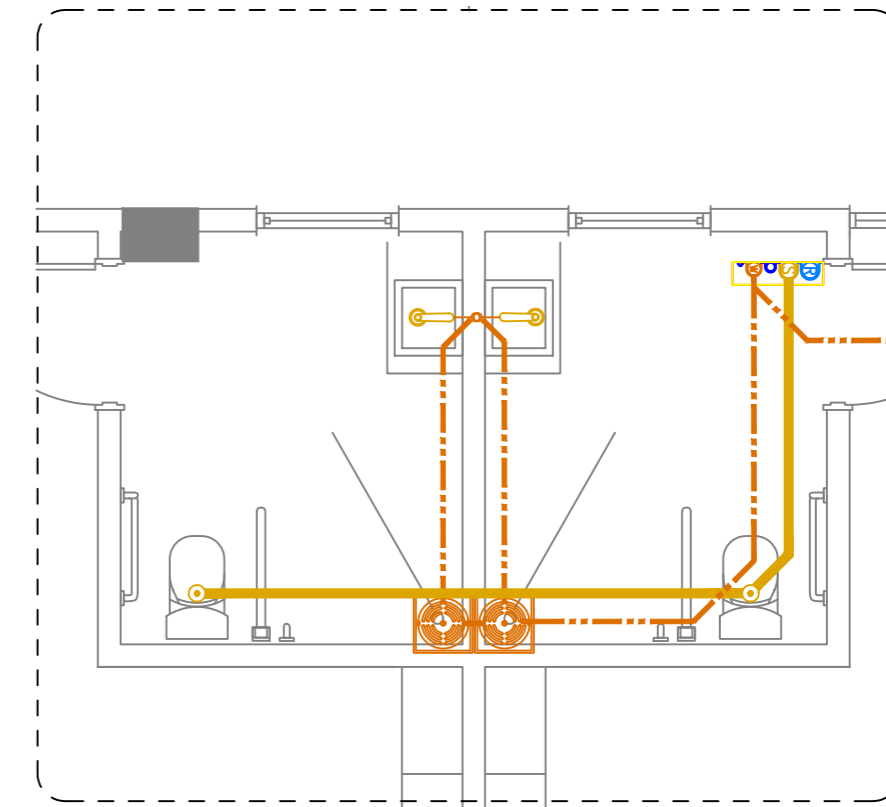
FRESH WATER PLAN | DETAIL



DETAIL 4

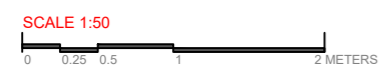



DETAIL 5



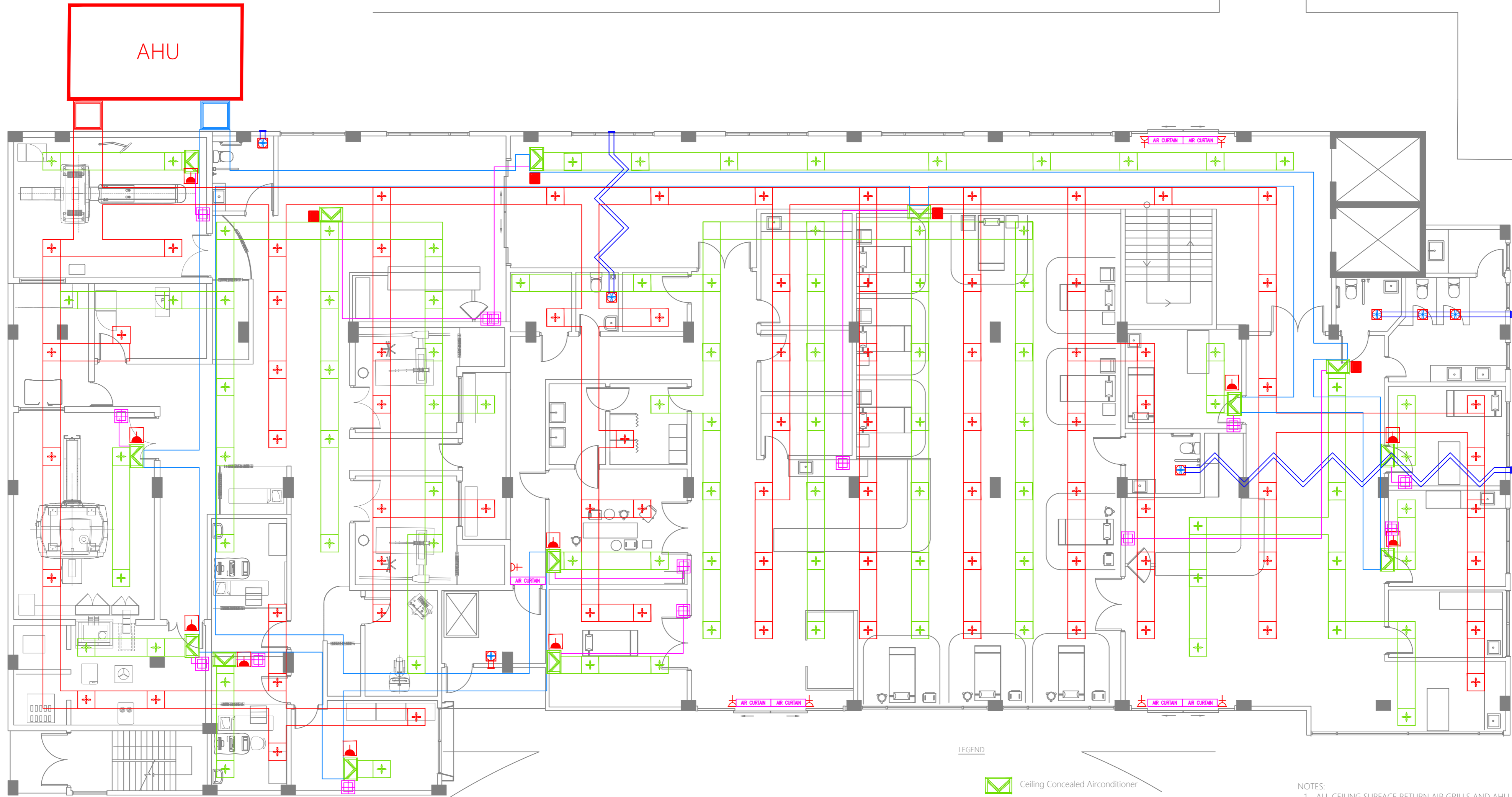
DETAIL 6

WASTE WATER PLAN | DETAIL



 <p><b>M T C C</b> MALDIVES TRANSPORT &amp; CONTRACTING COMPANY PLC</p> <p><small>DESIGN, SURVEYING AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MINISTRY OF HEALTH, MALDIVES REPUBLIC OF MALDIVES PHONE: +960 333 8822 FAX: +960 333 2820 E-MAIL: design.development@mtcc.com.mv</small></p>	<p>PROJECT TITLE R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION</p>	<p>CLIENT &amp; ADDRESS MINISTRY OF HEALTH</p>	<p>DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION</p>	<p>ENGINEER: IBRAHIM THOAM</p>	<p>STRUCTURAL CHECKER: ABDULLA RAMEEZ</p>	<p>ARCHITECT: AMINATH ZOONA</p>	<p>ARCHITECTURAL CHECKER: IRUFAN WAHEED</p>	<p>PAPER A3</p>	<p>SCALE AS GVN</p>	<p>DATE 16-07-20</p>	<p>REV</p>	<p>DESCRIPTION</p>	<p>DATE</p>	<p>APPR</p>	<p>SHEET IDENTIFICATION NUMBER <b>P5.01</b></p>
	<p>DRAWING TITLE AS GIVEN</p>	<p>PROJECT LOCATION R.UNGOOFAARU</p>	<p>ARCHITECT: AMINATH ZOONA</p>	<p>ARCHITECTURAL CHECKER: IRUFAN WAHEED</p>	<p>CHECKED BY: HASSAN SHAHULAN</p>	<p>DATE 16-07-20</p>	<p>DATE</p>	<p>APPR</p>	<p>SHEET TITLE 16</p>						

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 work 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

- Ceiling Concealed Airconditioner
- CEILING SURFACE SUPPLY AIR GRILL
- CEILING SURFACE RETURN AIR GRILL
- THERMOSTAT - REMOTE CONTROLLER

- AIR CURTAIN 1800 1800 MM LENGTH AIR CURTAIN
- AIR CURTAIN 1500 1500 MM LENGTH AIR CURTAIN
- AIR CURTAIN 1200 MM LENGTH AIR CURTAIN

- CEILING MOUNTED EXHAUST FAN CONNECTED TO RESPECTIVE LIGHT SWITCHES FOR THE SAME AREA
- 15A SWITCHED SOCKET ABOVE FALSE CEILING
- 13A POWER SOCKET AT AIR CURTAIN LEVEL
- TPN ISOLATOR ABOVE FALSE CEILING

- NOTES:
1. ALL CEILING SURFACE RETURN AIR GRILLS AND AHU SHOULD BE EQUIPPED WITH HEPA FILTERS.
  2. NUMBER OF CEILING SURFACE AIR GRILLS AND DUCT LAYOUTS SHALL BE CONFIRMED FROM MANUFACTURERS AND CONSULTANTS.

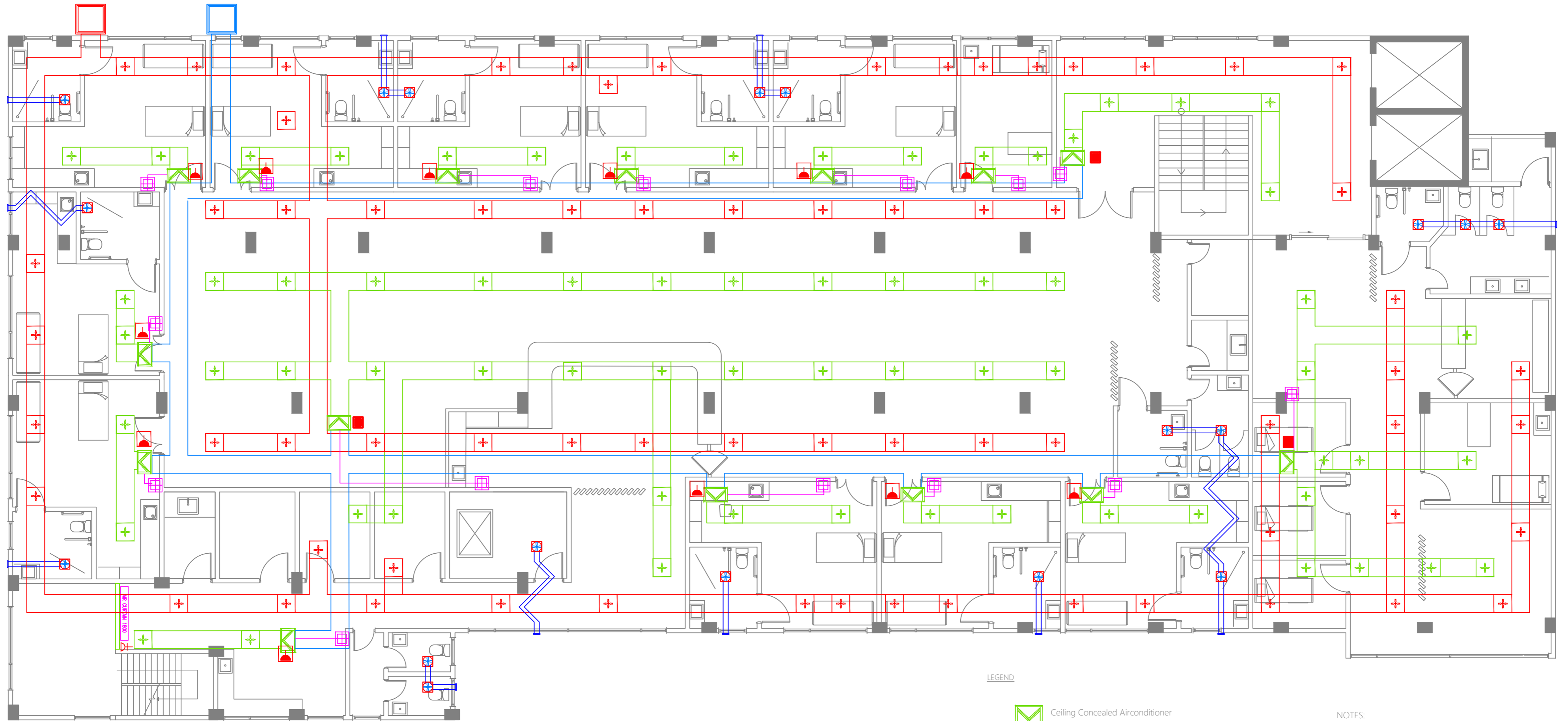
**GROUND FLOOR | A/C PLAN**  
SCALE 1:100

<p><b>MTCC</b> MALDIVES TRANSPORT &amp; CONTRACTING COMPANY PLC</p> <p><small>DESIGN, SURVEY AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MALDIVES TOURISM DEVELOPMENT AUTHORITY REPUBLIC OF MALDIVES PHONE: +960 333 8882 FAX: +960 333 2820 E-MAIL: design.development@mtcc.com.mv</small></p>	<p>PROJECT TITLE R. UNGOOFAARU REGIONAL HOSPITAL EXTENSION</p>	<p>CLIENT &amp; ADDRESS MINISTRY OF HEALTH</p>	<p>DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION</p>	<p>ENGINEER: IBRAHIM THOAM</p>	<p>STRUCTURAL CHECKER: ABDULLA RAMEEZ</p>	<p>PAPER SCALE A3 AS GVN</p>	<p>DATE 16-07-20</p>	<p>DATE</p>	<p>APPR</p>	<p>SHEET IDENTIFICATION NUMBER <b>M1.01</b></p>
	<p>DRAWING TITLE AS GIVEN</p>	<p>PROJECT LOCATION R. UNGOOFAARU</p>	<p>ARCHITECT: AMINATH ZOONA</p>	<p>ARCHITECTURAL CHECKER: IRUFAN WAHEED</p>	<p>CHECKED BY: HASSAN SHAHULAN</p>	<p>REV</p>	<p>DESCRIPTION</p>	<p>DATE</p>	<p>APPR</p>	<p>SHEET IDENTIFICATION NUMBER 17</p>












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 work 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.








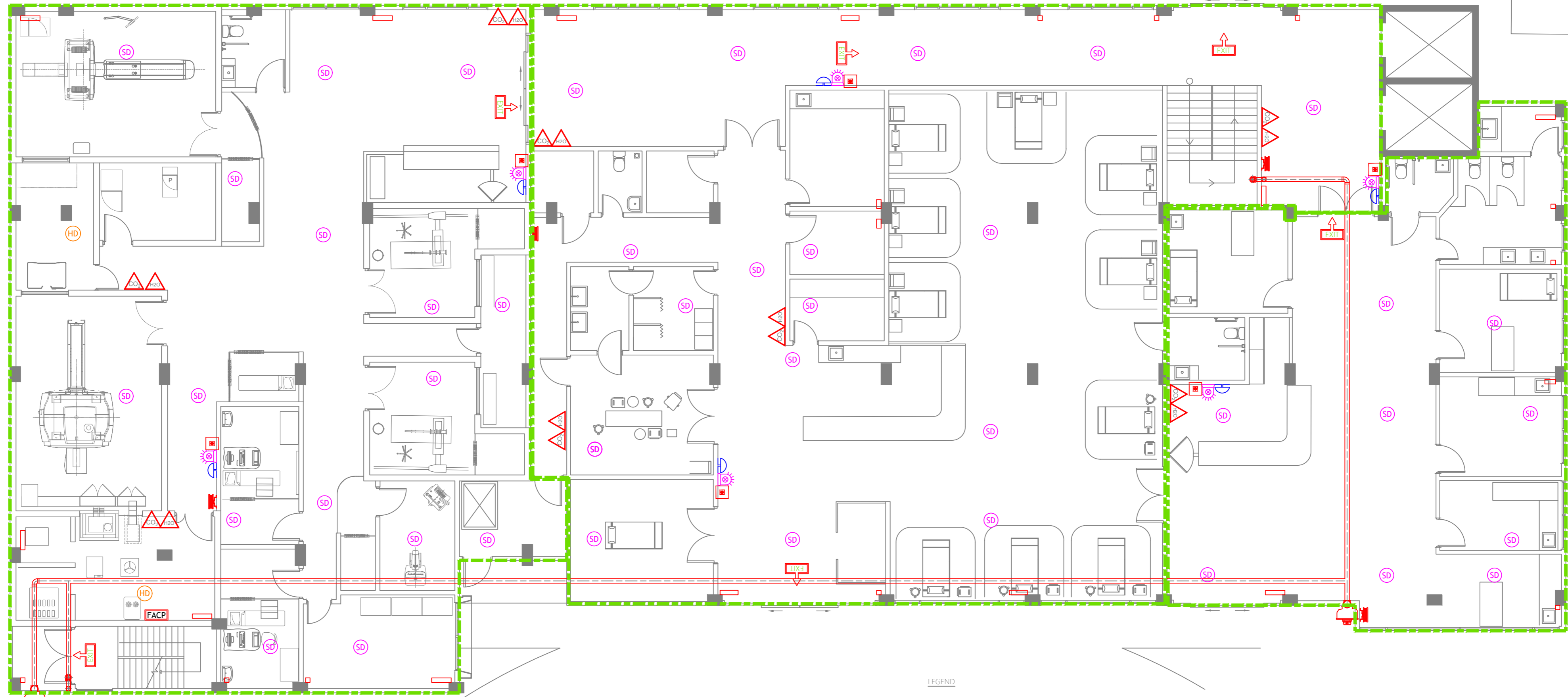
LEGEND

-  Ceiling Concealed Airconditioner
-  CEILING SURFACE SUPPLY AIR GRILL
-  CEILING SURFACE RETURN AIR GRILL
-  THERMOSTAT - REMOTE CONTROLLER
-  AIR CURTAIN 1800 1800 MM LENGTH AIR CURTAIN
-  AIR CURTAIN 1500 1500 MM LENGTH AIR CURTAIN
-  AIR CURTAIN 1200 MM LENGTH AIR CURTAIN
-  CEILING MOUNTED EXHAUST FAN CONNECTED TO RESPECTIVE LIGHT SWITCHES FOR THE SAME AREA
-  15A SWITCHED SOCKET ABOVE FALSE CEILING
-  13A POWER SOCKET AT AIR CURTAIN LEVEL
-  TPN ISOLATOR ABOVE FALSE CEILING

- NOTES:
1. ALL CEILING SURFACE RETURN AIR GRILLS AND AHU SHOULD BE EQUIPPED WITH HEPA FILTERS.
  2. NUMBER OF CEILING SURFACE AIR GRILLS AND DUCT LAYOUTS SHALL BE CONFIRMED FROM MANUFACTURERS AND CONSULTANTS.

**SECOND FLOOR | A/C PLAN**  
SCALE 1:100

 <b>M T C C</b> MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>DESIGN, SURVEY AND DEVELOPMENT SECTION          CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT          MOCT TOWER, 85/87, THIRUPAVANU ROAD, MALE 20141          REPUBLIC OF MALDIVES          PHONE: +960 333 8822 FAX: +960 333 2820          E-MAIL: design.development@mtcc.com.mv</small>	PROJECT TITLE <b>R. UNGOOFAARU REGIONAL HOSPITAL EXTENSION</b>	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION ENGINEER: IBRAHIM THOAM ARCHITECT: AMINATH ZOONA DRAWN BY: RASSAM MOHMED	STRUCTURAL CHECKER: ABDULLA RAMEEZ ARCHITECTURAL CHECKER: IRUFAN WAHEED CHECKED BY: HASSAN SHAHULAN	PAPER SCALE A3 AS GVN DATE 16-07-20	<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> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPR													SHEET IDENTIFICATION NUMBER <b>M1.03</b> SHEET TITLE 19
	REV	DESCRIPTION	DATE	APPR																			
<small>COPYRIGHT All plans, sketches, drawings, graphic representations and specifications prepared by the Architect(s) &amp; Engineer(s) are instruments of service. The copyright and ownership of both the design and these instruments of service belong to the Architect(s) &amp; Engineer(s) and may not be used for any other project, or work, 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.</small>																							



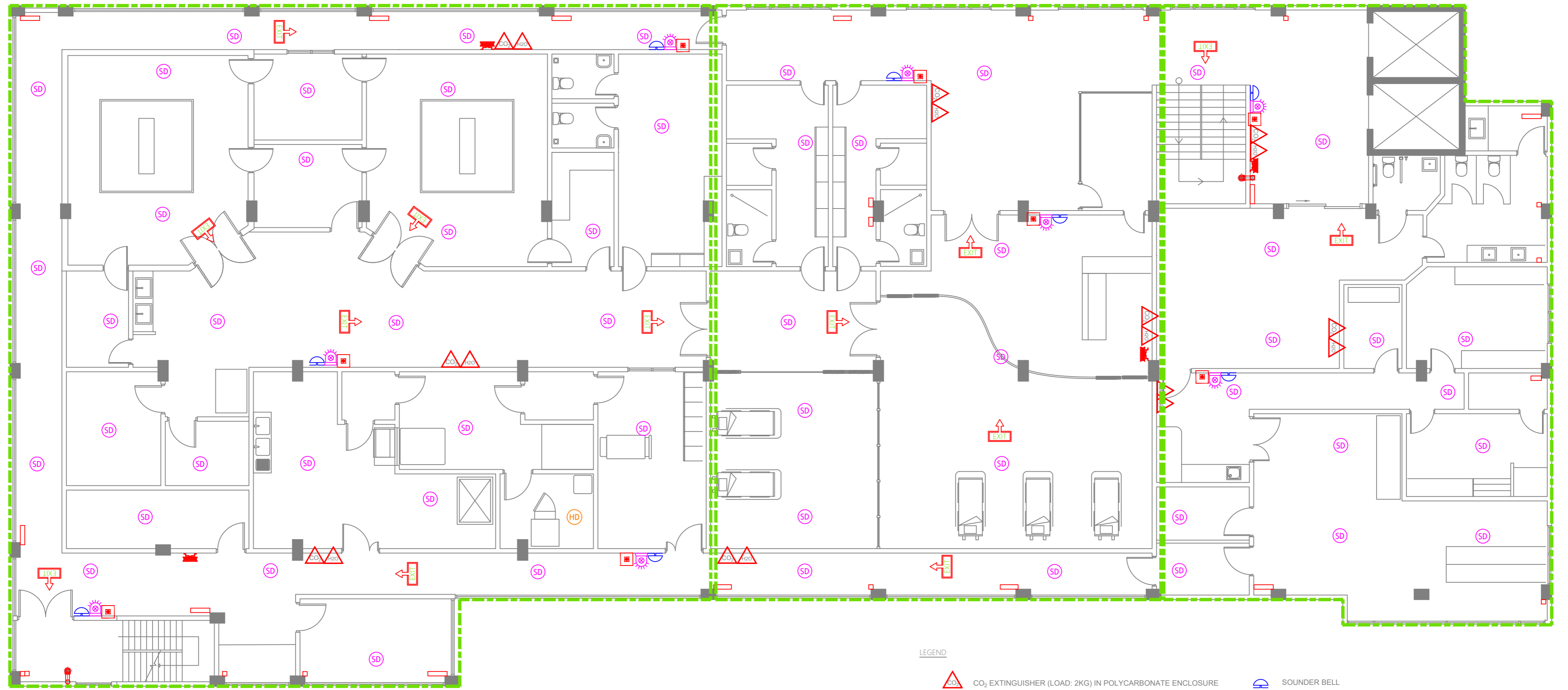
LEGEND

- CO<sub>2</sub> EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE
- DCP EXTINGUISHER (LOAD: 6KG) IN POLYCARBONATE ENCLOSURE
- H<sub>2</sub>O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE
- MANUAL CALL POINT
- SMOKE DETECTOR
- HEAT DETECTOR
- BEACON
- SOUNDER BELL
- FIRE BLANKET
- FIRE ALARM CONTROL PANEL
- EXIT SIGN
- ELIDE FIRE BALL EXTINGUISHER ( 80-100 FT)
- 30M HORSE REEL
- LANDING VALVE
- ZONE BOUNDARY LINE
- 4 WAY BREECHING INLET

















**GROUND FLOOR | FIRE SAFETY PLAN**  
SCALE 1:100




	<b>PROJECT TITLE</b> R. UNGOOFAARU REGIONAL HOSPITAL EXTENSION	<b>CLIENT &amp; ADDRESS</b> MINISTRY OF HEALTH	<b>DESIGN ARCHITECT:</b> SURVEYING, DESIGN AND DEVELOPMENT SECTION <b>ENGINEER:</b> IBRAHIM THOAM <b>ARCHITECT:</b> AMINATH ZOONA <b>DRAWN BY:</b> RASSAM MOHMED	<b>STRUCTURAL CHECKER:</b> ABDULLA RAMEEZ <b>ARCHITECTURAL CHECKER:</b> IRUFAN WAHEED <b>CHECKED BY:</b> HASSAN SHAHULAN	<b>PAPER SCALE</b> A3 AS GVN <b>DATE</b> 16-07-20	<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> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPR									<b>SHEET IDENTIFICATION NUMBER</b>  <b>F1.01</b>  <b>SHEET TITLE</b> 20
	REV	DESCRIPTION	DATE	APPR															
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 work, 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.																			

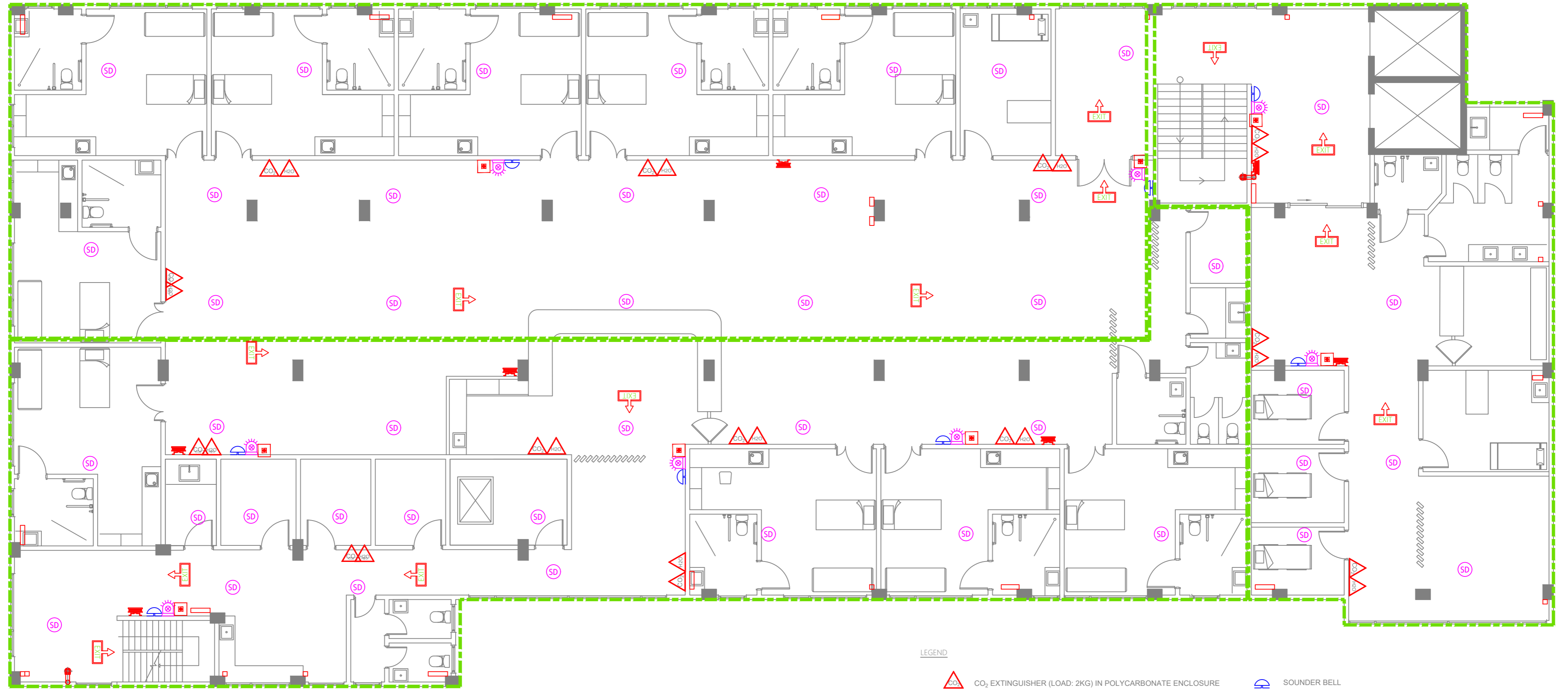


**LEGEND**

-  CO<sub>2</sub> EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE
-  DCP EXTINGUISHER (LOAD: 6KG) IN POLYCARBONATE ENCLOSURE
-  H<sub>2</sub>O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE
-  MANUAL CALL POINT
-  SMOKE DETECTOR
-  HEAT DETECTOR
-  BEACON
-  SOUNDER BELL
-  FIRE BLANKET
-  FIRE ALARM CONTROL PANEL
-  EXIT SIGN
-  ELIDE FIRE BALL EXTINGUISHER ( 80-100 FT)
-  30M HORSE REEL
-  LANDING VALVE
-  ZONE BOUNDARY LINE
-  4 WAY BREACHING INLET

**FIRST FLOOR | FIRE SAFETY PLAN**  
SCALE 1:100

 <b>M T C C</b> MALDIVES TRANSPORT & CONTRACTING COMPANY PLC	PROJECT TITLE <b>R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION</b>	CLIENT & ADDRESS <b>MINISTRY OF HEALTH</b>	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION ENGINEER: <b>IBRAHIM THOAM</b> ARCHITECT: <b>AMINATH ZOONA</b> DRAWN BY: <b>RASSAM MOHMED</b>	STRUCTURAL CHECKER: <b>ABDULLA RAMEEZ</b> ARCHITECTURAL CHECKER: <b>IRUFAN WAHEED</b> CHECKED BY: <b>HASSAN SHAHULAN</b>	PAPER <b>A3</b> SCALE <b>AS GVN</b> DATE <b>16-07-20</b>	<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> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPR									SHEET IDENTIFICATION NUMBER <b>F1.01</b> SHEET TITLE <b>21</b>
	REV	DESCRIPTION	DATE	APPR															
DRAWING TITLE <b>AS GIVEN</b>		PROJECT LOCATION <b>R.UNGOOFAARU</b>		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 work, 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

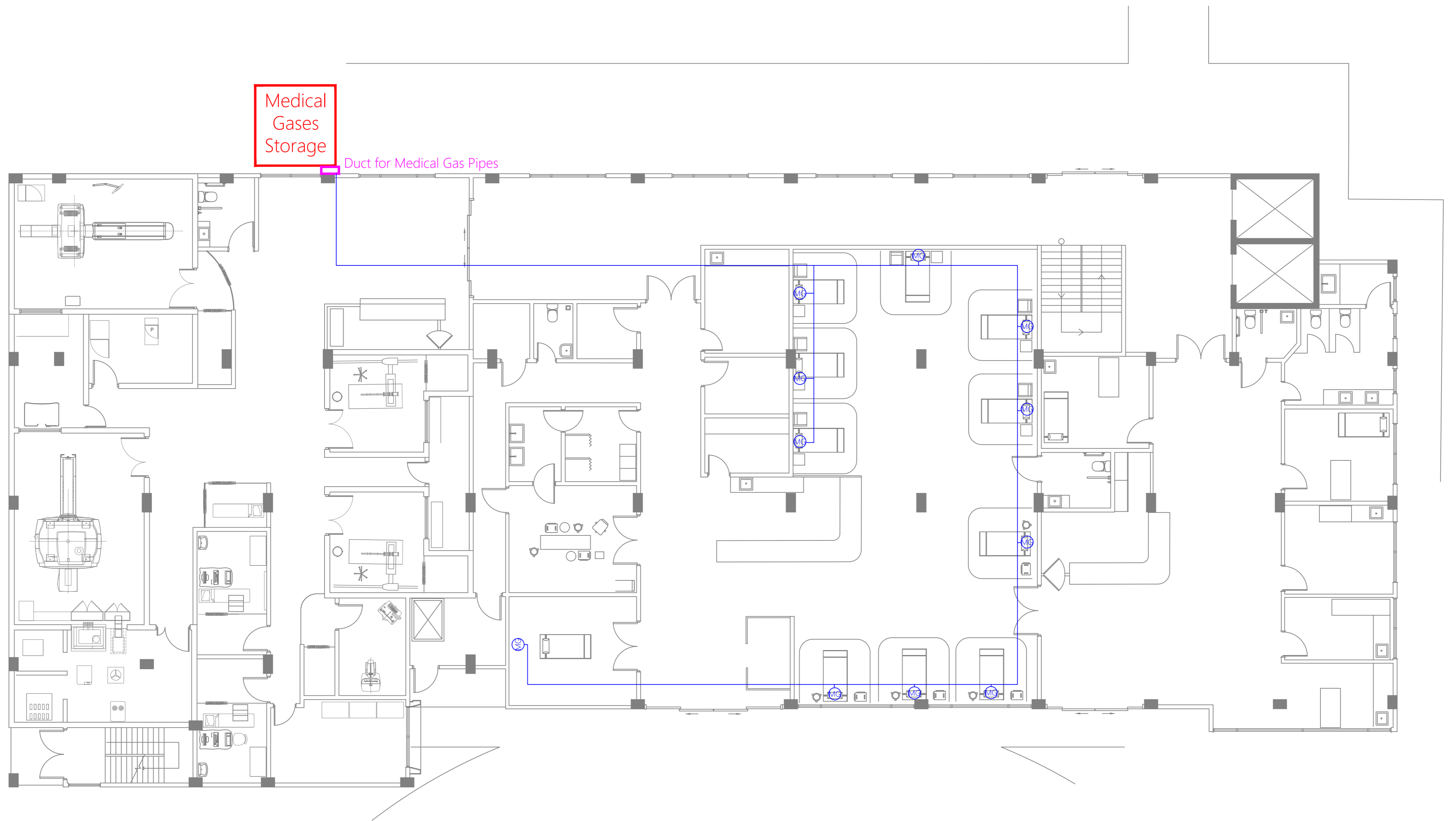
- CO<sub>2</sub> EXTINGUISHER (LOAD: 2KG) IN POLYCARBONATE ENCLOSURE
- DCP EXTINGUISHER (LOAD: 6KG) IN POLYCARBONATE ENCLOSURE
- H<sub>2</sub>O EXTINGUISHER (LOAD: 9L) IN POLYCARBONATE ENCLOSURE
- MANUAL CALL POINT
- SMOKE DETECTOR
- HEAT DETECTOR
- BEACON
- SOUNDER BELL
- FIRE BLANKET
- FIRE ALARM CONTROL PANEL
- EXIT SIGN
- ELIDE FIRE BALL EXTINGUISHER ( 80-100 FT)
- 30M HORSE REEL
- LANDING VALVE
- ZONE BOUNDARY LINE
- 4 WAY BREACHING INLET

**SECOND FLOOR | FIRE SAFETY PLAN**  
SCALE 1:100

<p><b>M T C C</b> MALDIVES TRANSPORT &amp; CONTRACTING COMPANY PLC</p>	PROJECT TITLE R. UNGOOFAARU REGIONAL HOSPITAL EXTENSION	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION ENGINEER: IBRAHIM THOAM	STRUCTURAL CHECKER: ABDULLA RAMEEZ	REV DESCRIPTION	DATE APPR	SHEET IDENTIFICATION NUMBER <b>F1.01</b>
	DRAWING TITLE AS GIVEN	PROJECT LOCATION R. UNGOOFAARU	ARCHITECT: AMINATH ZOONA DRAWN BY: RASSAM MOHMED	ARCHITECTURAL CHECKER: IRUFAN WAHEED CHECKED BY: HASSAN SHAHULAN	PAPER A3 SCALE AS GVN DATE 16-07-20		

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 work, 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 might be used as they were intended, once, and on the same site and project.





Medical  
Gases  
Storage

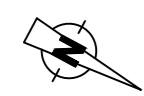
Duct for Medical Gas Pipes

LEGEND



MEDICAL GASES AND VENTILATION POINTS  
INTEGRATED IN BED HEAD UNIT OR  
MEDICAL PENDANT

ROUTE FOR MEDICAL GAS PIPES

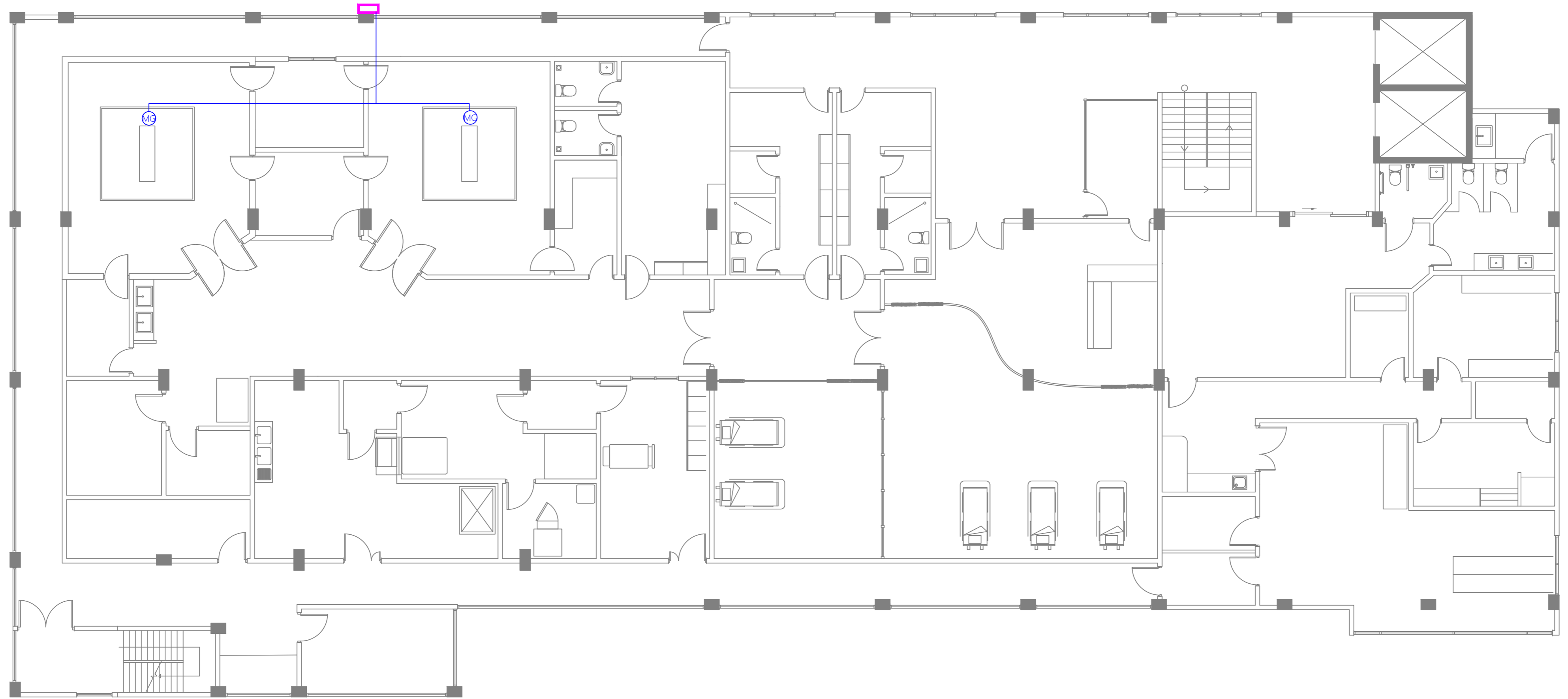


GROUND FLOOR | MEDICAL GAS LAYOUT


SCALE 1:100  
0 1 2 3 4 METERS

<p><b>M T C C</b> MALDIVES TRANSPORT &amp; CONTRACTING COMPANY PLC</p> <p><small>DESIGN, SURVEY AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MINISTRY OF HEALTH, MALDIVES REPUBLIC OF MALDIVES PHONE: +960 333 8822 FAX: +960 333 2800 E-MAIL: design.development@mtcc.com.mv</small></p>	<p>PROJECT TITLE R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION</p>	<p>CLIENT &amp; ADDRESS MINISTRY OF HEALTH</p>	<p>DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION</p>	<p>ENGINEER: IBRAHIM THOAM</p>	<p>STRUCTURAL CHECKER: ABDULLA RAMEEZ</p>	<p>ARCHITECT: AMINATH ZOONA</p>	<p>ARCHITECTURAL CHECKER: IRUFAN WAHEED</p>	<p>PAPER SCALE A3 AS GVN</p>	<p>DATE 16-07-20</p>	<p>REV</p>	<p>DESCRIPTION</p>	<p>DATE</p>	<p>APPR</p>	<p>SHEET IDENTIFICATION NUMBER <b>G1.01</b></p>
	<p>DRAWING TITLE AS GIVEN</p>	<p>PROJECT LOCATION R.UNGOOFAARU</p>	<p>ARCHITECT: RASSAM MOHMED</p>	<p>CHECKED BY: HASSAN SHAHULAN</p>	<p>DATE 16-07-20</p>	<p>DATE</p>	<p>APPR</p>	<p>SHEET TITLE 23</p>						

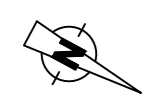
COPYRIGHT All plans, sketches, drawings, graphic representations and specifications prepared by the Architect(s) & Engineer(s) are instruments of service. The copyright and ownership of both the design and these instruments of service belong to the Architect(s) & Engineer(s) and may not be used for any other project or work, 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


 MEDICAL GASES AND VENTILATION POINTS INTEGRATED IN BED HEAD UNIT OR MEDICAL PENDANT

 ROUTE FOR MEDICAL GAS PIPES

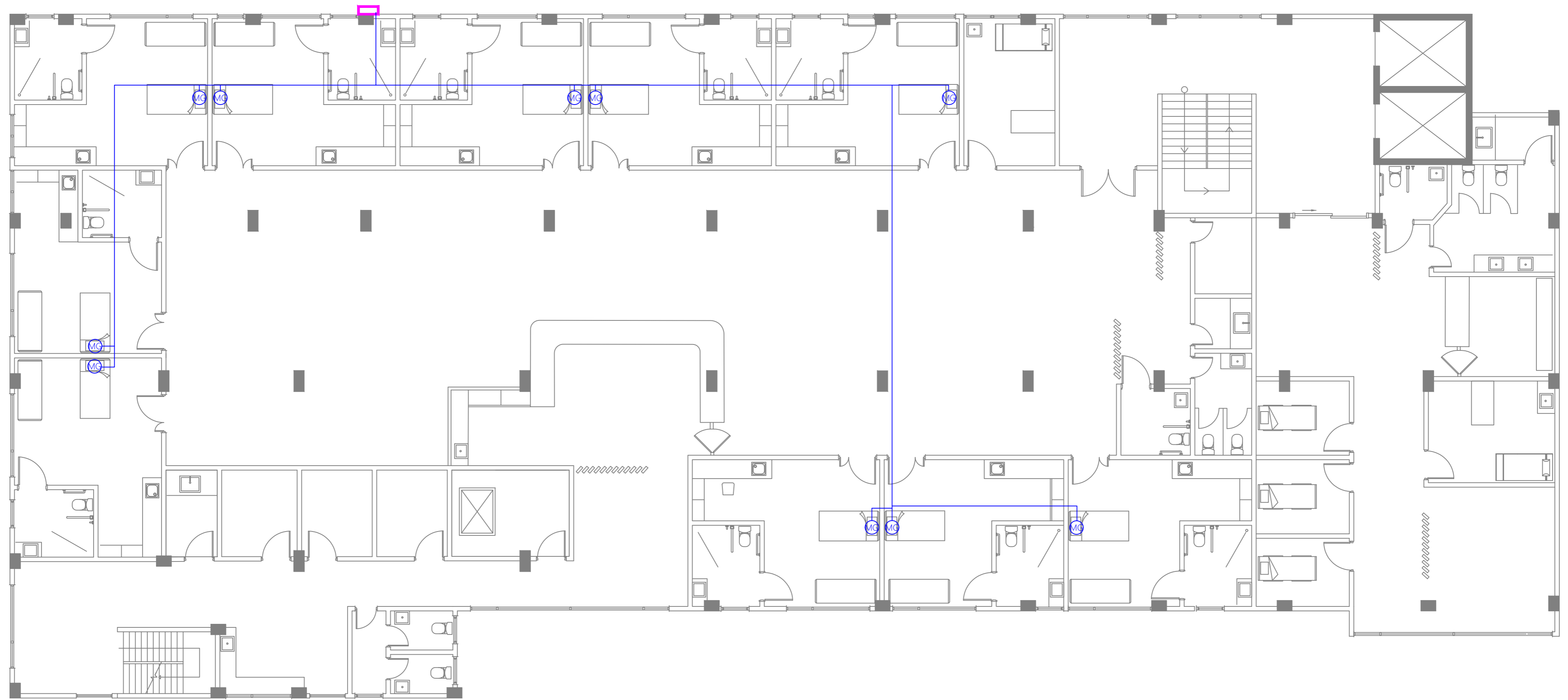


FIRST FLOOR | MEDICAL GAS LAYOUT


SCALE 1:100  
 METRES

 <b>M T C C</b> MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>DESIGN, SURVEY AND DEVELOPMENT SECTION          CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT          MICE TOWER, BODU THARUPPANA ROAD, MALE 20141          REPUBLIC OF MALDIVES          PHONE: +960 333 8822 FAX: +960 333 2820          E-MAIL: design.development@mtcc.com.mv</small>	PROJECT TITLE <b>R.UNGOOFAARU REGIONAL HOSPITAL EXTENSION</b>	CLIENT & ADDRESS <b>MINISTRY OF HEALTH</b>	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION ENGINEER: IBRAHIM THOAM ARCHITECT: AMINATH ZOONA DRAWN BY: RASSAM MOHMED	STRUCTURAL CHECKER: ABDULLA RAMEEZ ARCHITECTURAL CHECKER: IRUFAAN WAHEED CHECKED BY: HASSAN SHAHULAN	PAPER A3 SCALE AS GVN DATE 16-07-20	<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> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPR																																									SHEET IDENTIFICATION NUMBER <b>G1.02</b> SHEET TITLE 24
	REV	DESCRIPTION	DATE	APPR																																															
DRAWING TITLE <b>AS GIVEN</b>	PROJECT LOCATION <b>R.UNGOOFAARU</b>	PROJECT LOCATION <b>R.UNGOOFAARU</b>	PROJECT LOCATION <b>R.UNGOOFAARU</b>	PROJECT LOCATION <b>R.UNGOOFAARU</b>	PROJECT LOCATION <b>R.UNGOOFAARU</b>	PROJECT LOCATION <b>R.UNGOOFAARU</b>																																													

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 work, 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

 MEDICAL GASES AND VENTILATION POINTS INTEGRATED IN BED HEAD UNIT OR MEDICAL PENDANT

 ROUTE FOR MEDICAL GAS PIPES

 **SECOND FLOOR | MEDICAL GAS LAYOUT**  
SCALE 1:100

0 1 2 3 4 5 METERS

 <b>M T C C</b> MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>DESIGN, SURVEY AND DEVELOPMENT SECTION          CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT          MICE TOWER, BODU THARUPPANA ROAD, MALE 20141          REPUBLIC OF MALDIVES          PHONE: +960 333 8822 FAX: +960 333 2820          E-MAIL: design.development@mccc.com.mv</small>	PROJECT TITLE <b>R. UNGOOFAARU REGIONAL HOSPITAL EXTENSION</b>	CLIENT & ADDRESS <b>MINISTRY OF HEALTH</b>	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION ENGINEER: IBRAHIM THOAM ARCHITECT: AMINATH ZOONA DRAWN BY: RASSAM MOHMED	STRUCTURAL CHECKER: ABDULLA RAMEEZ ARCHITECTURAL CHECKER: IRUFAAN WAHEED CHECKED BY: HASSAN SHAHULAN	PAPER A3 SCALE AS GVN DATE 16-07-20	<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> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DESCRIPTION	DATE	APPR																	SHEET IDENTIFICATION NUMBER <b>G1.03</b> SHEET TITLE 25
	REV	DESCRIPTION	DATE	APPR																							
DRAWING TITLE <b>AS GIVEN</b>	PROJECT LOCATION <b>R. UNGOOFAARU</b>	PROJECT LOCATION <b>R. UNGOOFAARU</b>	PROJECT LOCATION <b>R. UNGOOFAARU</b>	PROJECT LOCATION <b>R. UNGOOFAARU</b>	PROJECT LOCATION <b>R. UNGOOFAARU</b>	PROJECT LOCATION <b>R. UNGOOFAARU</b>																					

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 work, 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.