

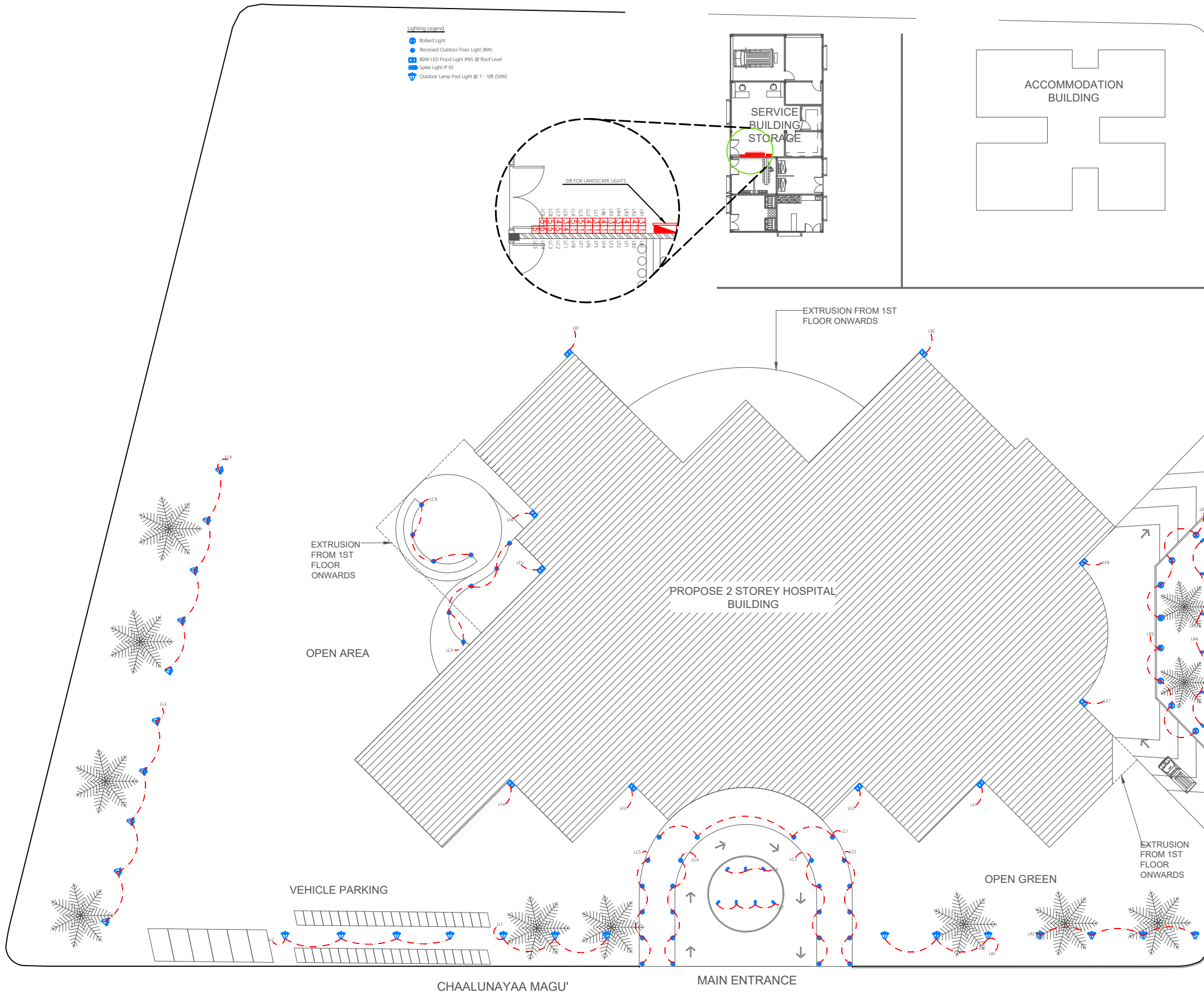
HA. HOARAFUSHI HOSPITAL BUILDING SERVICES DRAWINGS

CLIENT: MINISTRY OF HEALTH

DESIGN : SURVEY , DESIGN AND DEVELOPMENT SECTION | MTCC PLC

DATE: 19 AUGUST 2020

LOCATION: HA. HOARAFUSHI



LIGHTING LAYOUT | LANDSCAPE

SCALE 1:500

MTCC
MALDIVES TRANSPORT & CONTRACTING COMPANY PLC

SURVEY DESIGN AND DEVELOPMENT SECTION
CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT
MTC TOWER, BODU THAKURUPPANA MAGU, MALE 20181,
REPUBLIC OF MALDIVES.
PHONE : (960) 332 6822 FAX : (960) 333 3835
E-MAIL : design.development@mtcc.com.mv

PROJECT TITLE	HA. HOARAFUSHI HOSPITAL 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
L1.01
SHEET TITLE 01

LED LIGHT STRIP IN-
WARM COLOR

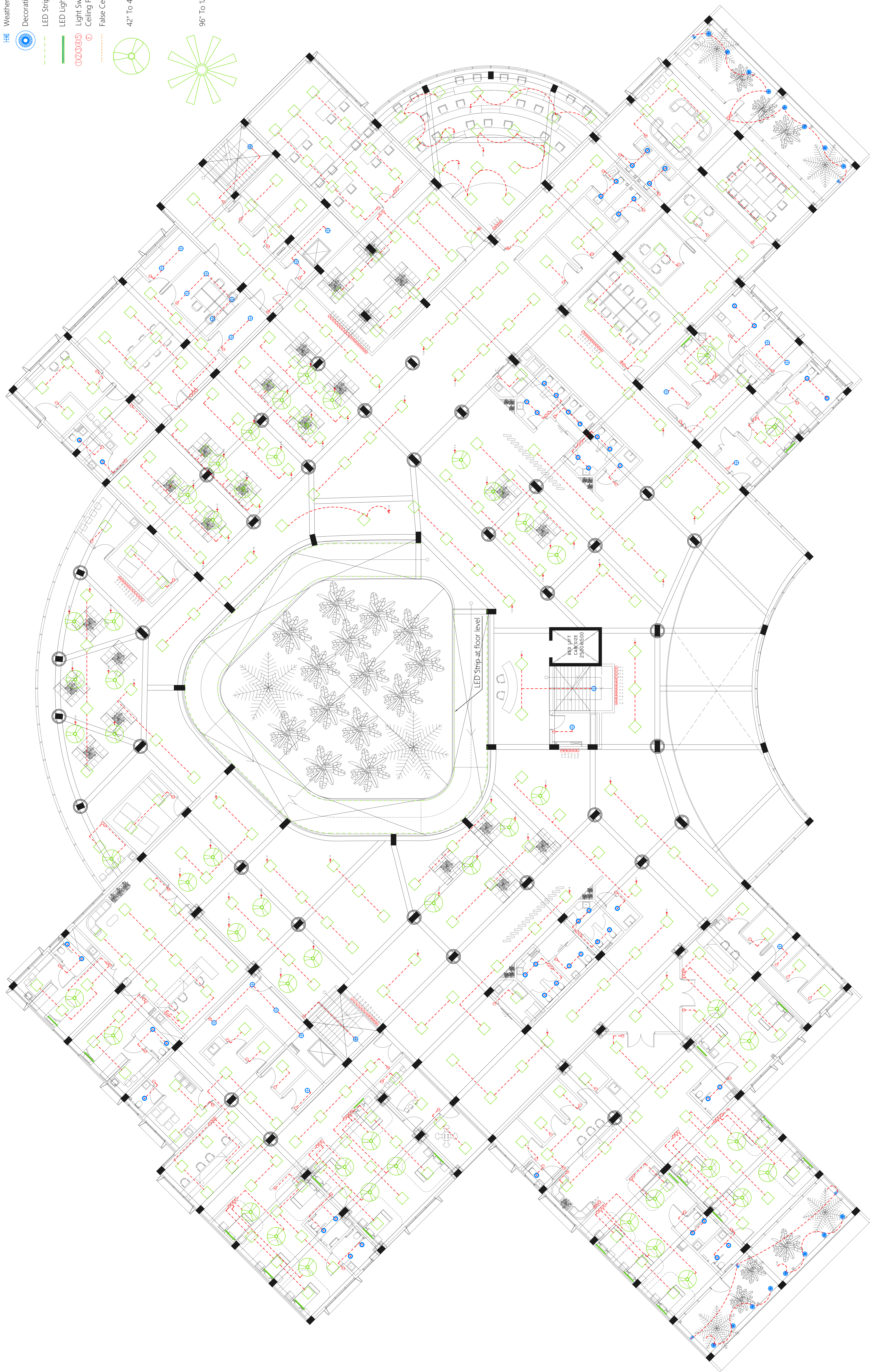
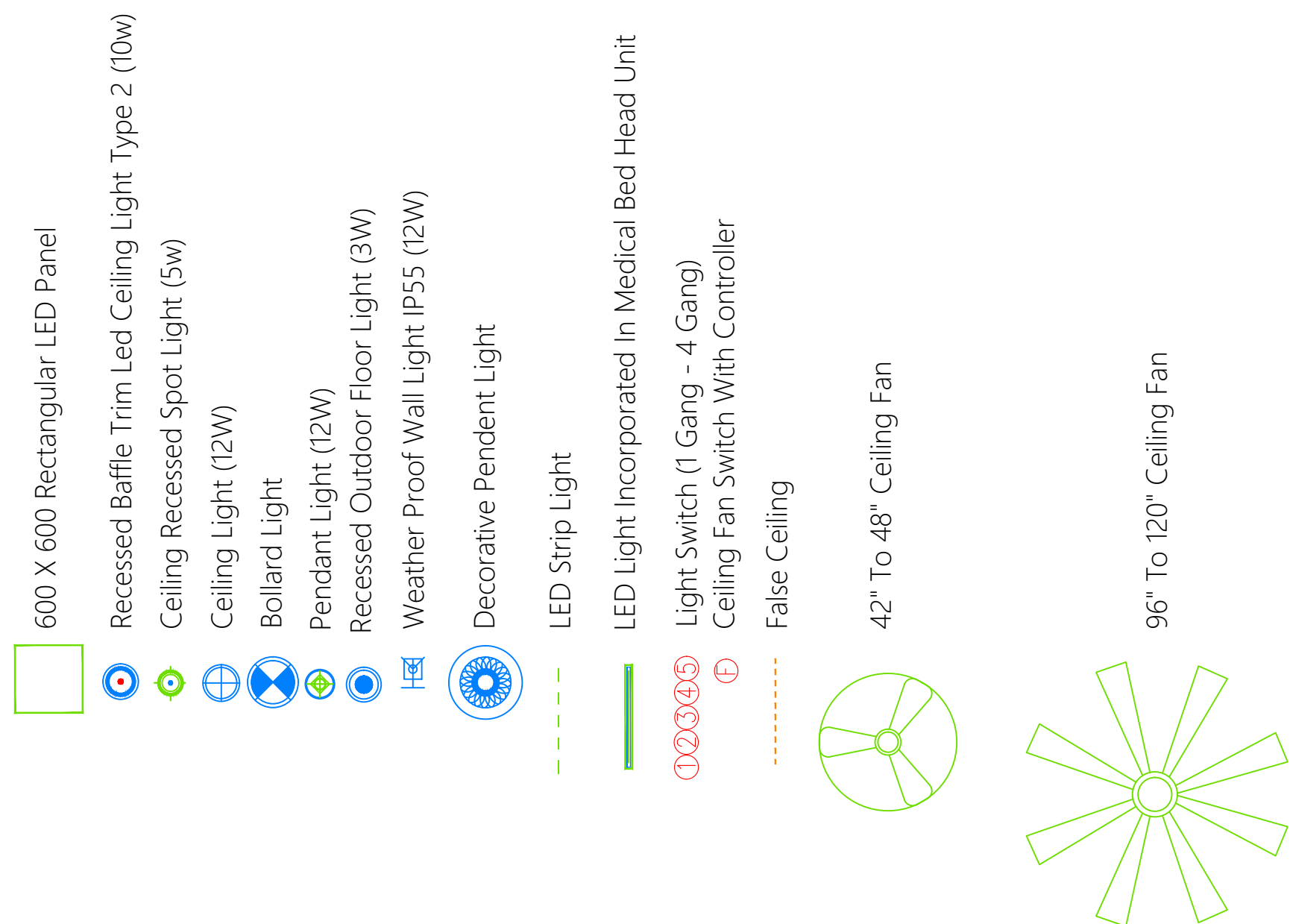
DETAIL A

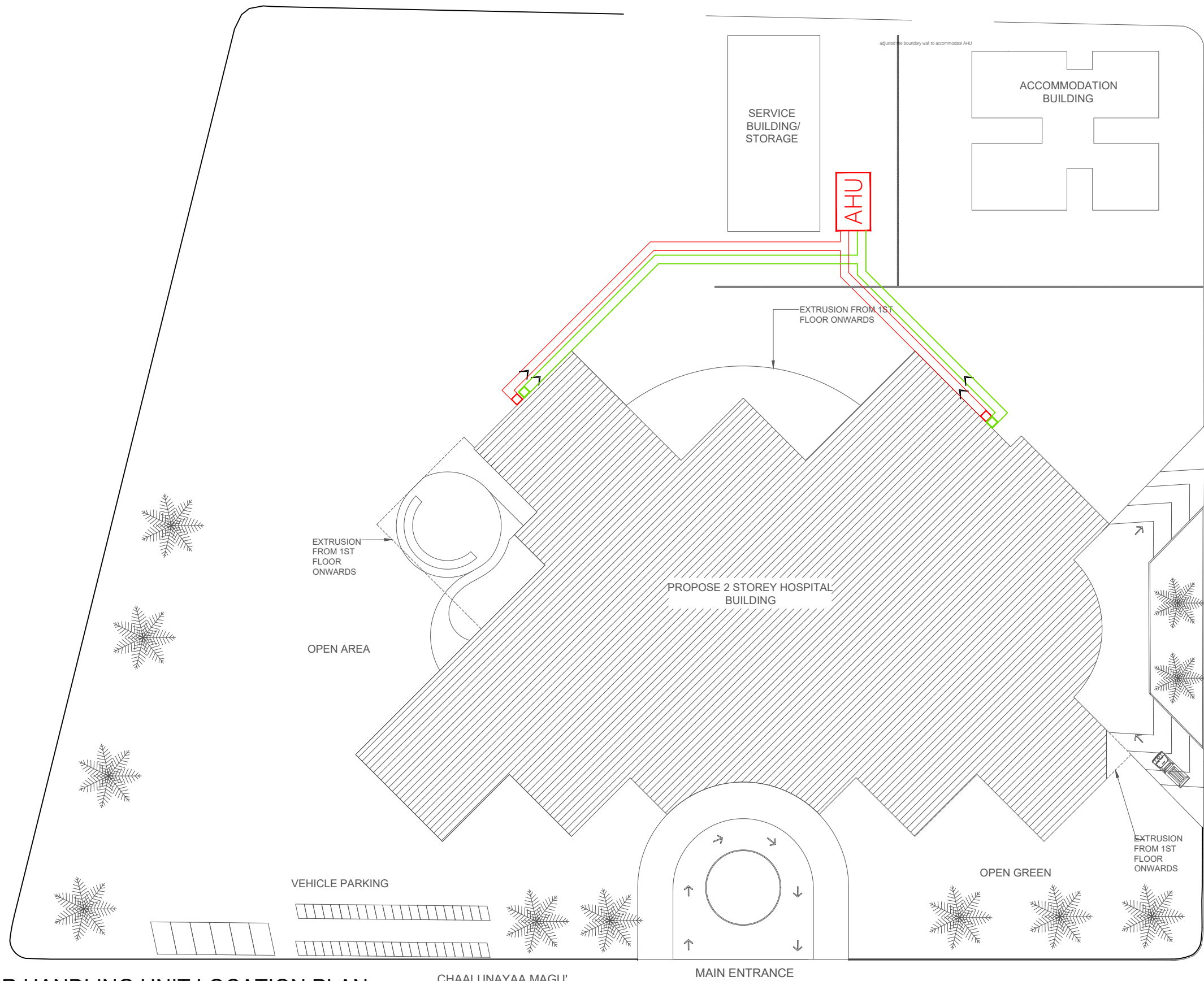
LED Strip at floor level

REFER TO DETAIL A

AT ROOF LEVEL

REFER TO DETAIL




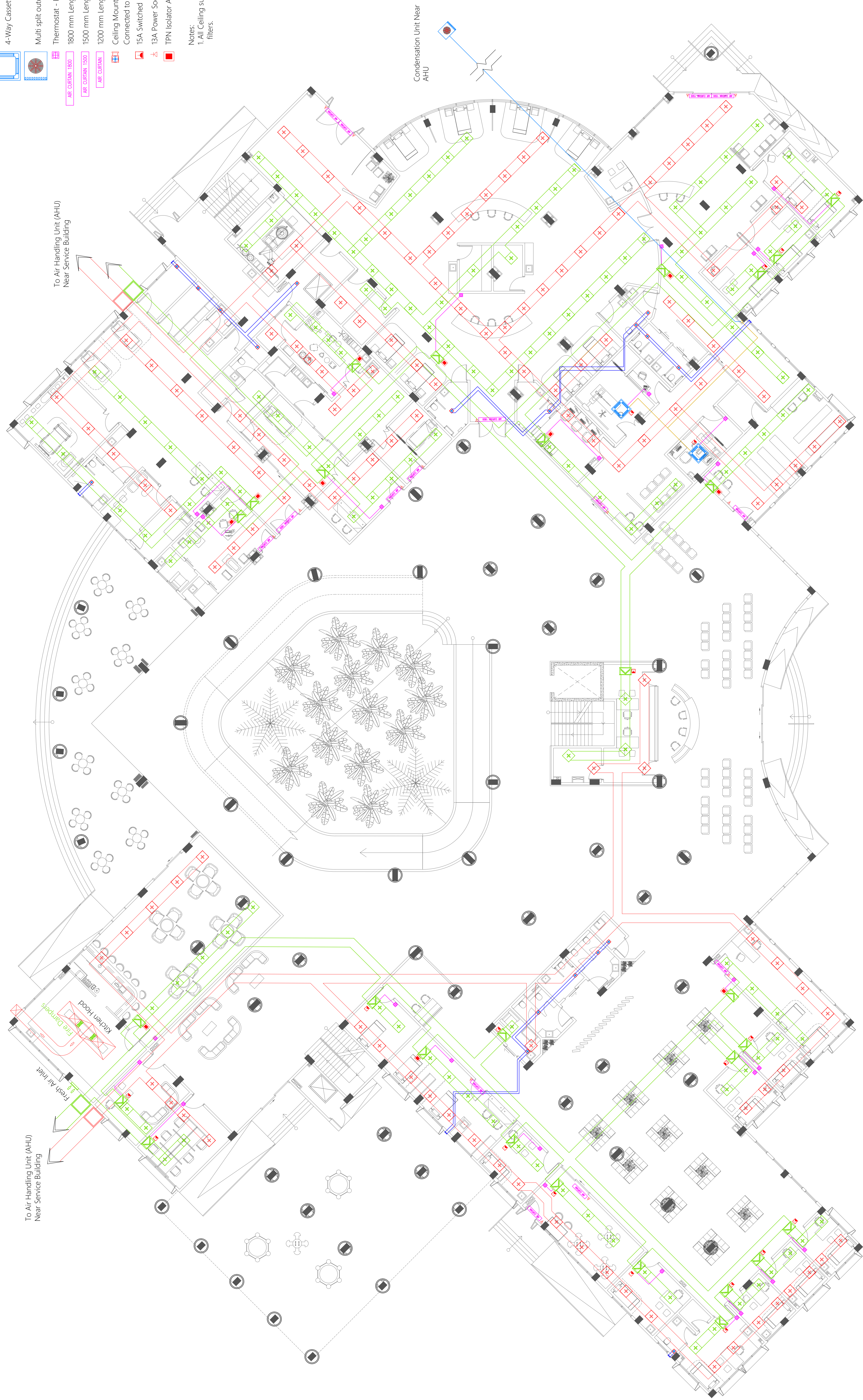
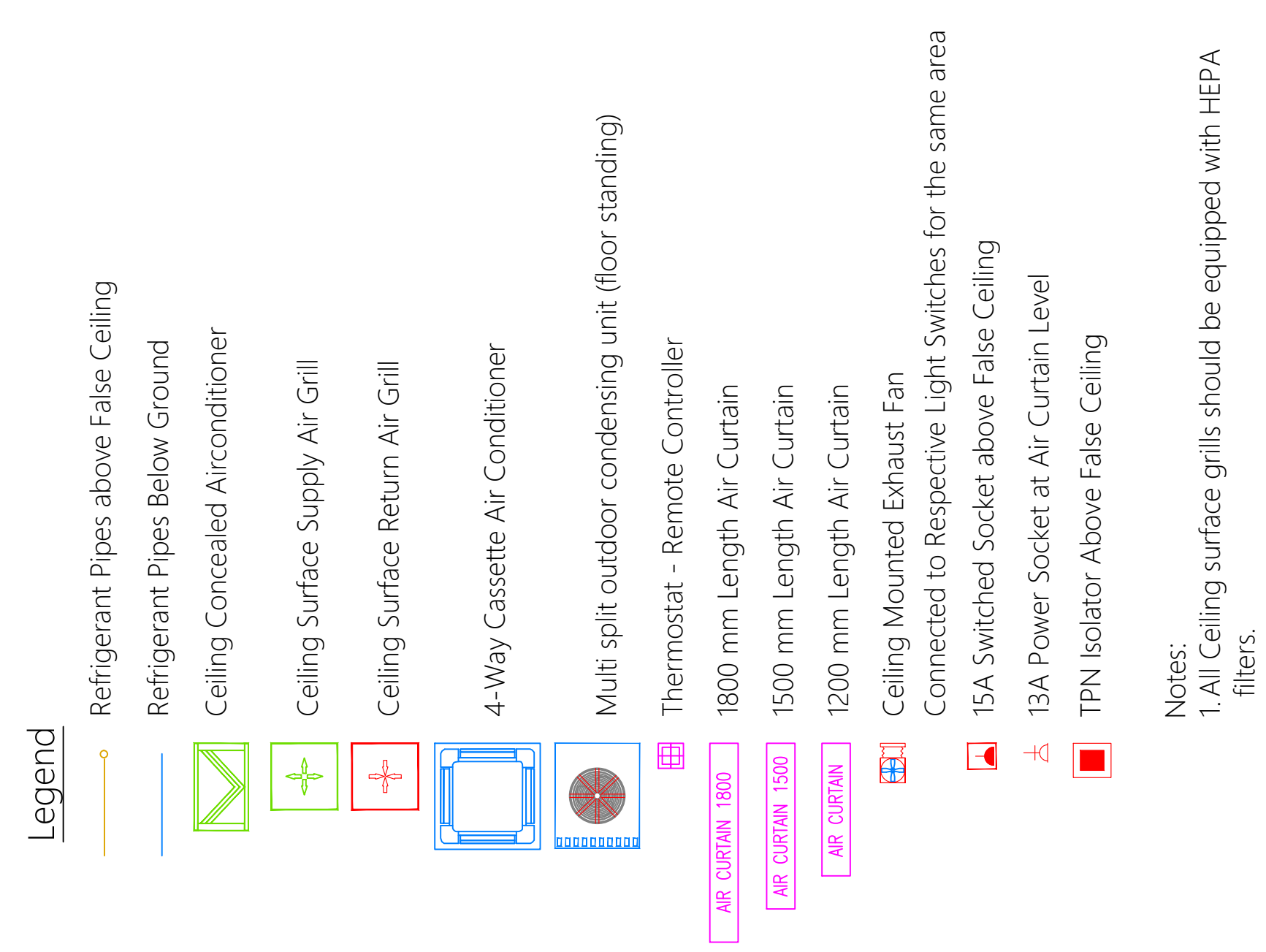


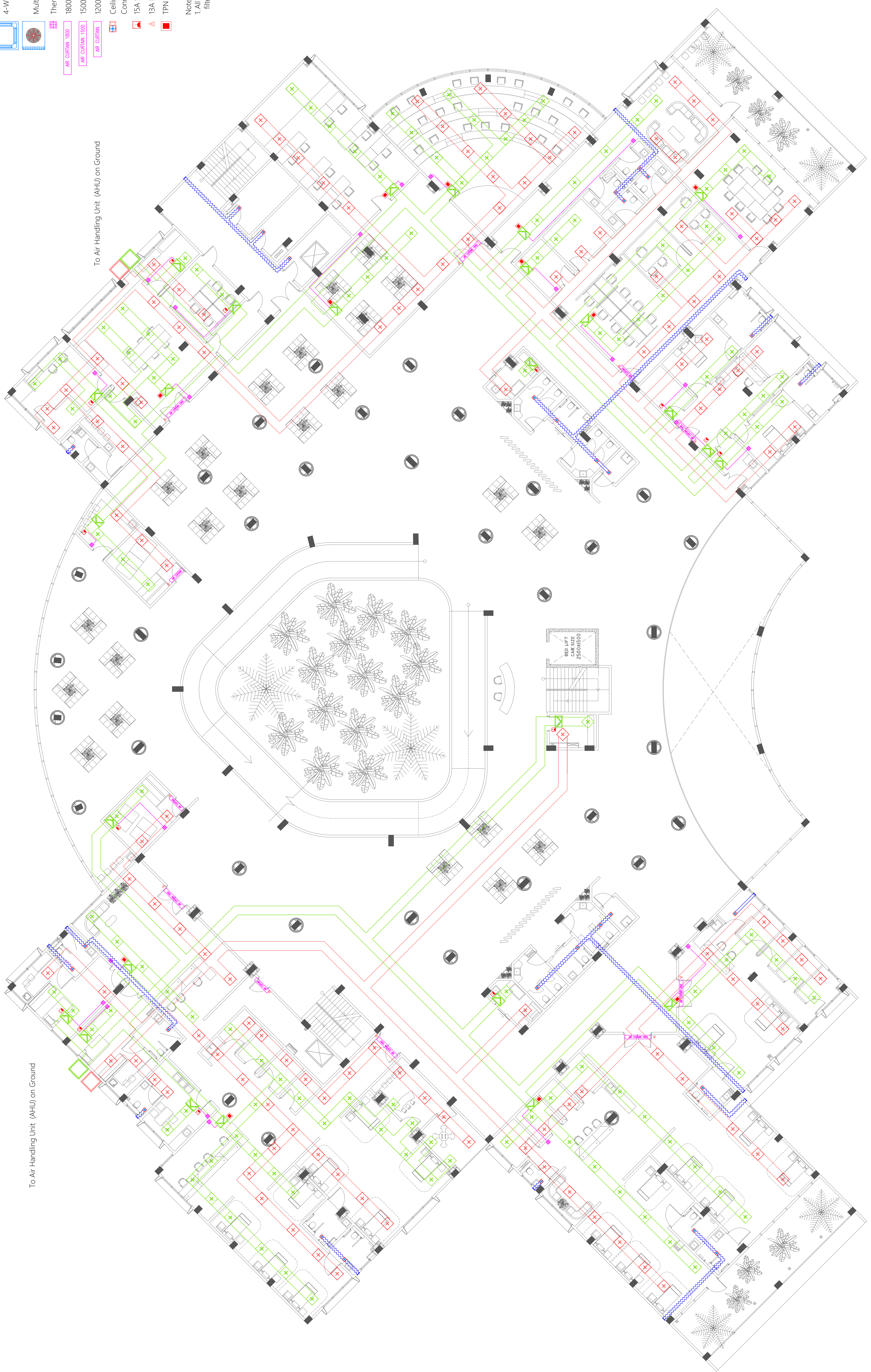
A/C LAYOUT | AIR HANDLING UNIT LOCATION PLAN

SCALE 1:500



 MTCC MALDIVES TRANSPORT & CONTRACTING COMPANY PLC <small>SURVEY, DESIGN AND DEVELOPMENT SECTION CONSTRUCTION AND PROJECTS MANAGEMENT DEPARTMENT MTCC TOWER, BODU THAKURUPPANA MAGU, MALE 20181, REPUBLIC OF MALDIVES. PHONE : (960) 332 6822 FAX : (960) 333 3835 E-MAIL : design.development@mtcc.com.mv</small>	PROJECT TITLE HA. HOARAFUSHI HOSPITAL BUILDING	CLIENT & ADDRESS MINISTRY OF HEALTH	DESIGN ARCHITECT: SURVEYING, DESIGN AND DEVELOPMENT SECTION				REV	DESCRIPTION	DATE	APPR	SHEET IDENTIFICATION NUMBER M1.01 SHEET TITLE 06
	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						

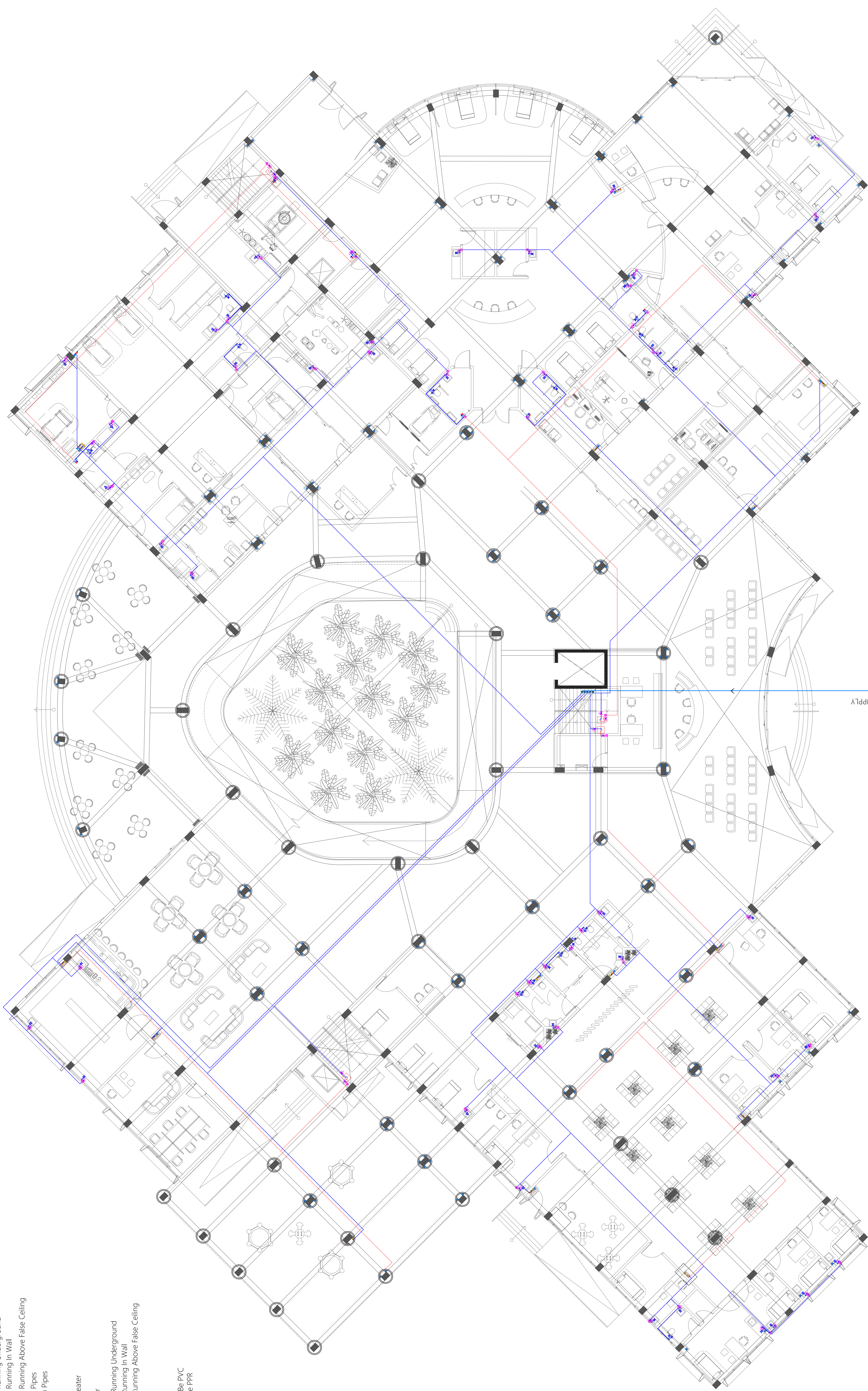




- 160 Cold Water Supply To Basin Faucet
- 160 Cold Water Supply To Wall Tap
- 160 Cold Water Supply To Sink Tap
- 160 Cold Water Supply To Bidet Shower
- 160 Cold Water Supply To Cistern
- 160 Cold Water Supply & 120 Hot Water Supply To Shower Mixer
- 160 Cold Water Supply & 120 Hot Water Supply To Basin Mixer Faucet
- 200 Cold Water Supply & 200 Hot Water Supply To Bedpan Washer
- 160 Cold Water Supply & 120 Hot Water Supply To Scrub Sink
- Gate Valve
- Rise In Wall
- Drop In Wall
- 250 Cold Water Supply Pipes Running Underground
- 200 Cold Water Supply Pipes Running In Wall
- 200 Cold Water Supply Pipes Running Above False Ceiling
- 160 Rain Water Supply (RWS) Pipes
- 250 Rain Water Supply (RWS) Pipes
- 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

Notes :-

- All Cold Water Pipes Should Be PVC
- All Hot Water Pipes Should Be PPR



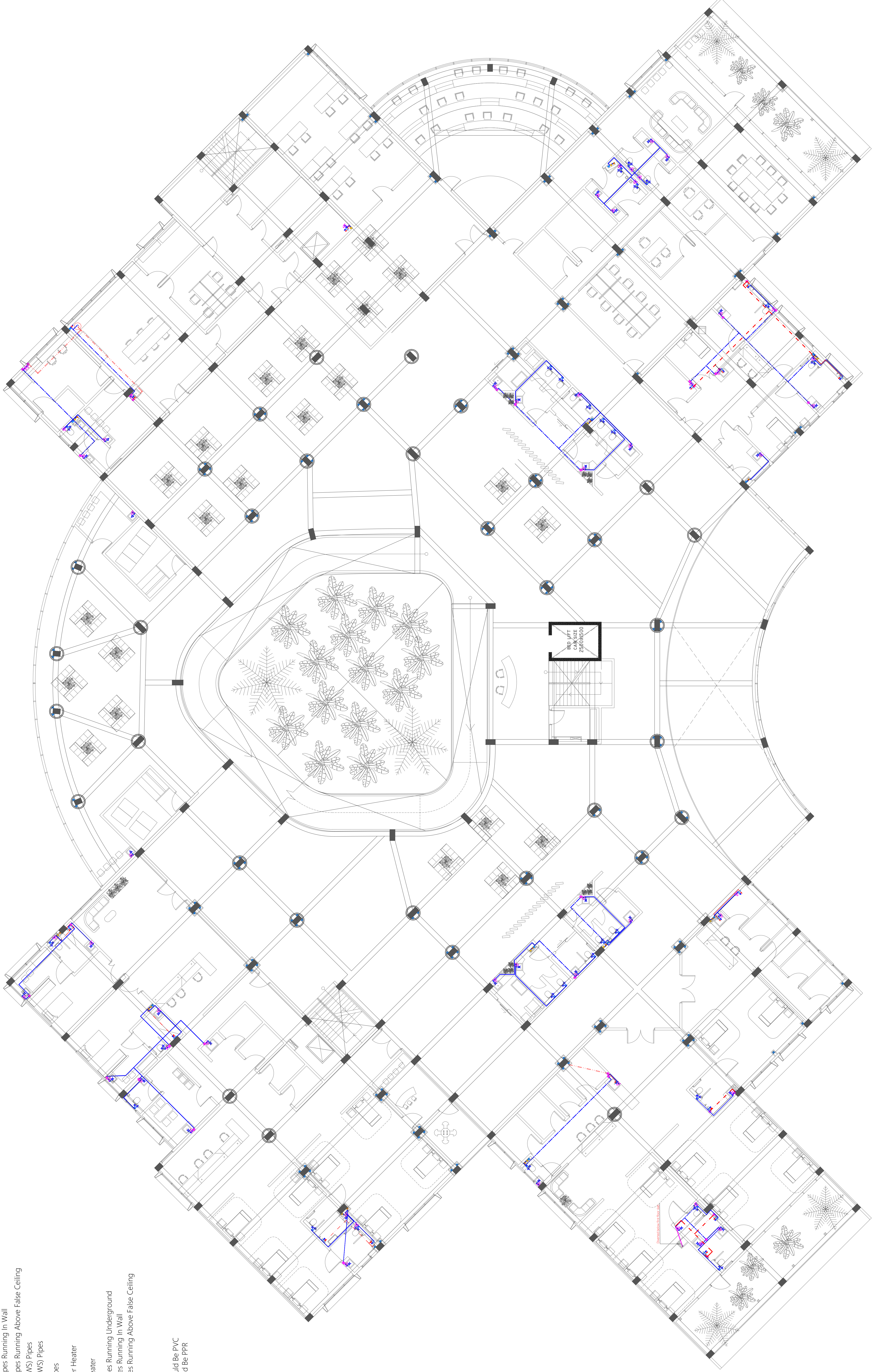
PIPE FROM MAINS SUPPLY

Legend

- 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
- 200 Cold Water Supply & 200 Hot Water Supply To Bedpan Washer
- 160 Cold Water Supply & 120 Hot Water Supply To Scrub Sink
- Gate Valve
- Rise In Wall
- Drop In Wall
- 250 Cold Water Supply Pipes Running Underground
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- 160 Rain Water Supply (RWS) Pipes
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Notes: -

- All Cold Water Pipes Should Be PVC
- All Hot Water Pipes Should Be PPR



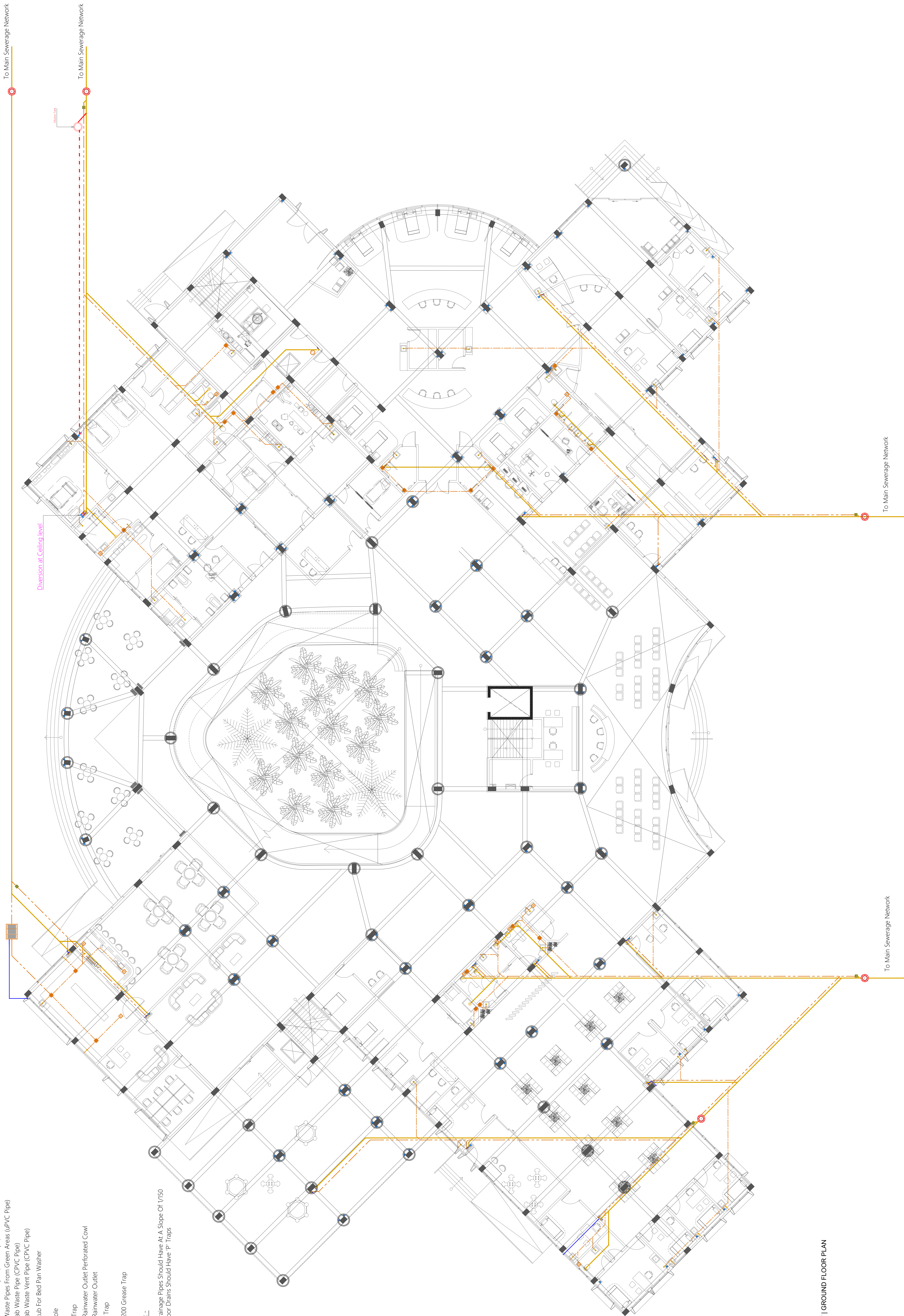
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Legend

- Floor Drain
- Floor Gully
- 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)
- 900 Stub For Bed Pan Washer
- Manhole
- Gully Trap
- 1100 Rainwater Outlet Perforated Cowl
- 1100 Rainwater Outlet
- Bottle Trap
- 900x1200 Grease Trap

Notes:-

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



WASTE WATER LAYOUT | GROUND FLOOR PLAN

Legend

- Floor Drain
- Floor Gully
- 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)
- 900 Stub For Bed Pan Washer

Manhole

Gully Trap

1100 Rainwater Outlet Perforated Cowl

1100 Rainwater Outlet

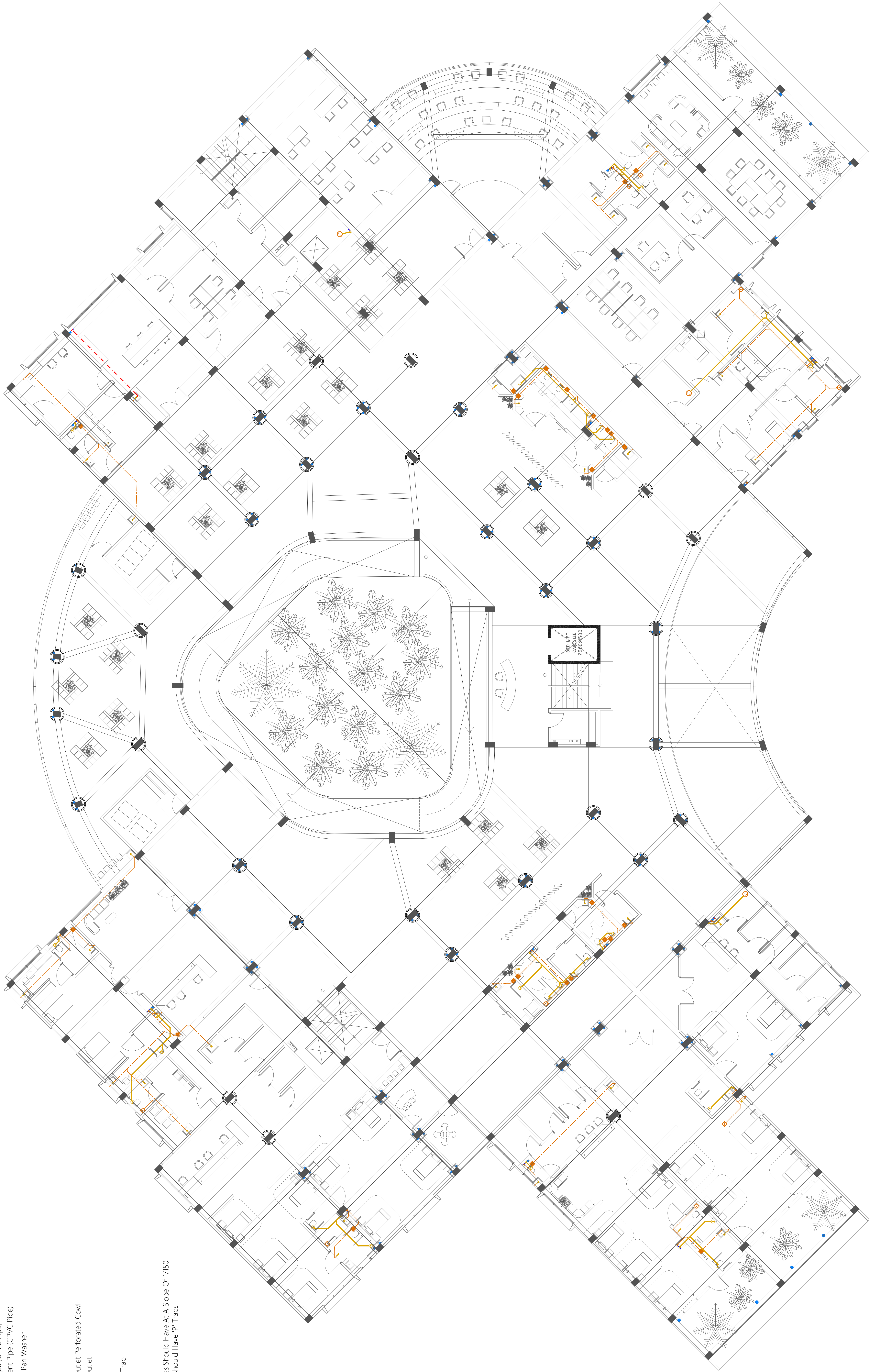
Bottle Trap

900x1200 Grease Trap

Notes :-

-All Drainage Pipes Should Have At A Slope Of 1/150

-All Floor Drains Should Have 'P' Traps

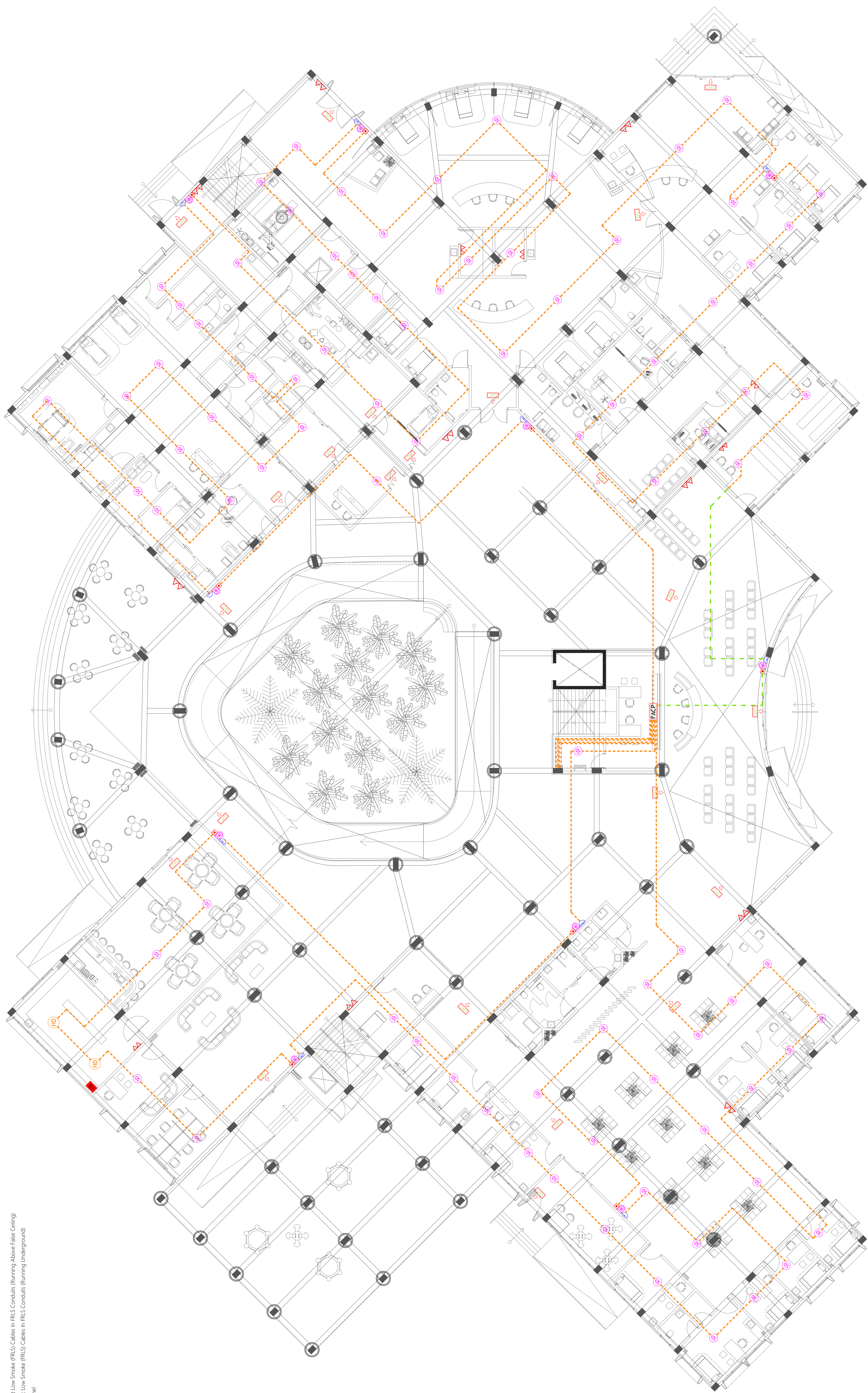


	PROJECT PA HOSPITAL HOSPITAL BUILDING	DESIGNED BY AL SHEN	CHECKED BY PA HOSPITAL	DRAWN BY AL SHEN	DATE 01/01/2024	SCALE 1:100	SHEET NO. P1 04	TOTAL SHEETS 04	PROJECT NO. PA HOSPITAL	SHEET NO. P1 04	DATE 01/01/2024

WASTE WATER LAYOUT | FIRST FLOOR PLAN



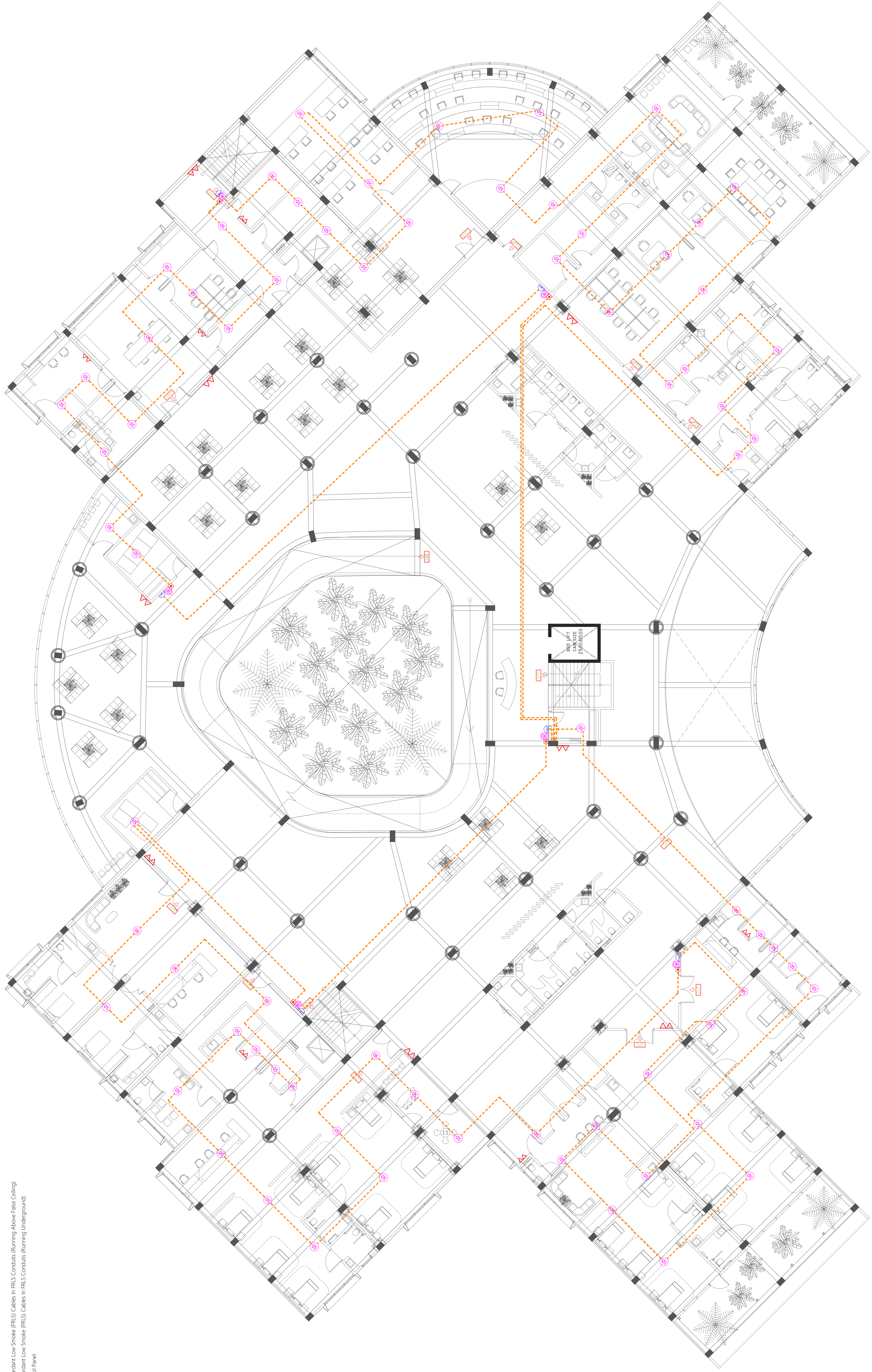
- Wet Chemical Extinguisher (load: 6U) in Polycarbonate Enclosure
CO₂ Extinguisher (load: 2kg) in Polycarbonate Enclosure
DCP Extinguisher (load: 6kg) in Polycarbonate Enclosure
H₂O Extinguisher (load: 9U) in Polycarbonate Enclosure
Manual Call Point
Smoke Detector
Heat Detector
Beacon
Sounder Bell
2.5mm² Fire Retardant Low Smoke (FRLS) Cables in FRLS Conduits (Running Above False Ceiling)
2.5mm² Fire Retardant Low Smoke (FRLS) Cables in FRLS Conduits (Running Underground)
FACP Fire Alarm Control Panel
Fire Blanket
Exit Sign



	PROJECT: PA HOSPITAL BUILDING	PROJECT: PA HOSPITAL BUILDING	DESIGNER: PA HOSPITAL BUILDING	DATE: 2024-01-01	BY: 2024-01-01
	DESIGNER: PA HOSPITAL BUILDING	DESIGNER: PA HOSPITAL BUILDING	DESIGNER: PA HOSPITAL BUILDING	DATE: 2024-01-01	BY: 2024-01-01

FIRE SAFETY LAYOUT | GROUND FLOOR PLAN

- Wet Chemical Extinguisher (load 6L) in Polycarbonate Enclosure
CO₂ Extinguisher (load 2kg) in Polycarbonate Enclosure
DCP 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 (Running Above False Ceiling)
2.5mm² Fire Retardant Low Smoke (FRLS) Cables in FRLS Conduits (Running Underground)
FACP
Fire Alarm Control Panel
Fire Blanket
Exit Sign



	PROJECT PA HOSPITAL BUILDING	PROJECT LOCATION AL-SAYEN	PROJECT OWNER PA HOSPITAL	PROJECT ARCHITECT AL-SAYEN	PROJECT ENGINEER AL-SAYEN	PROJECT CONTRACTOR AL-SAYEN	PROJECT DATE 2024	PROJECT SCALE 1:500
	PROJECT NO. PA-HOSP-001	PROJECT NO. PA-HOSP-001	PROJECT NO. PA-HOSP-001	PROJECT NO. PA-HOSP-001	PROJECT NO. PA-HOSP-001	PROJECT NO. PA-HOSP-001	PROJECT NO. PA-HOSP-001	PROJECT NO. PA-HOSP-001
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FIRE SAFETY LAYOUT | FIRST FLOOR PLAN