



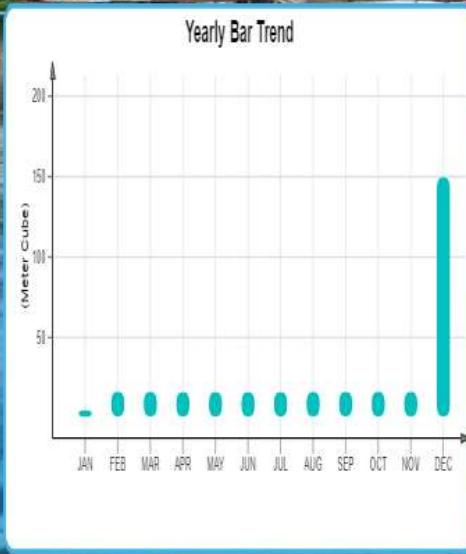
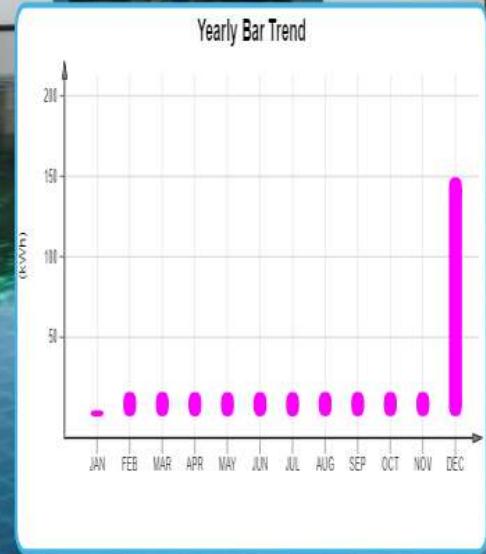
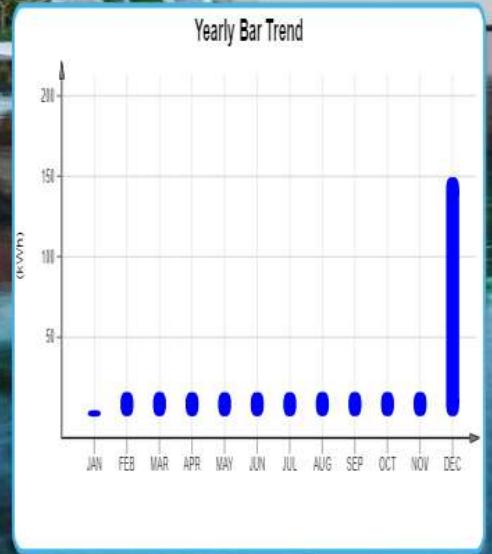
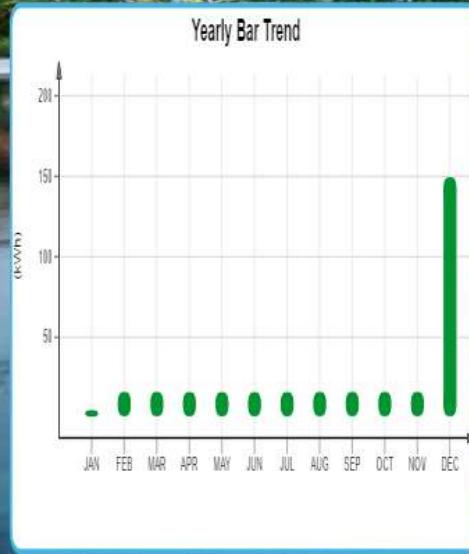
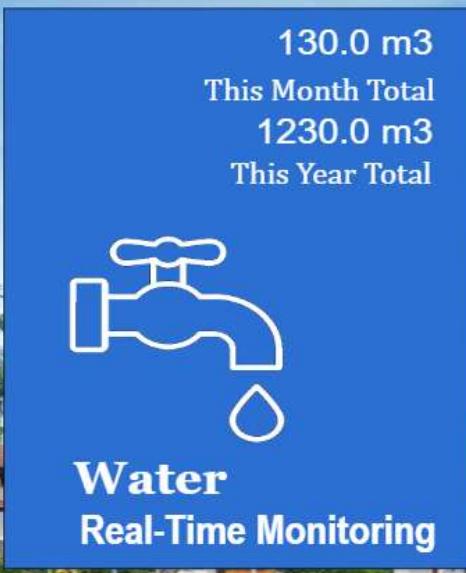
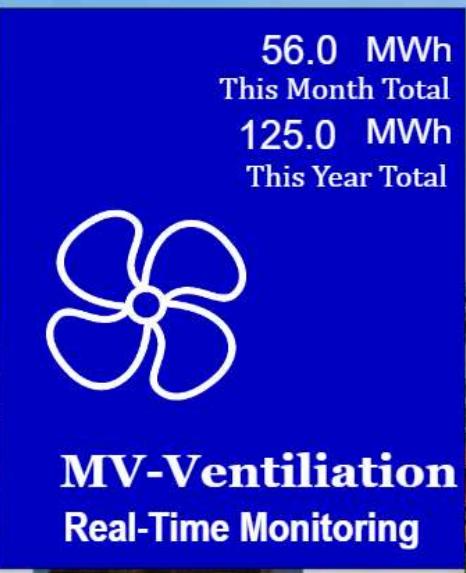
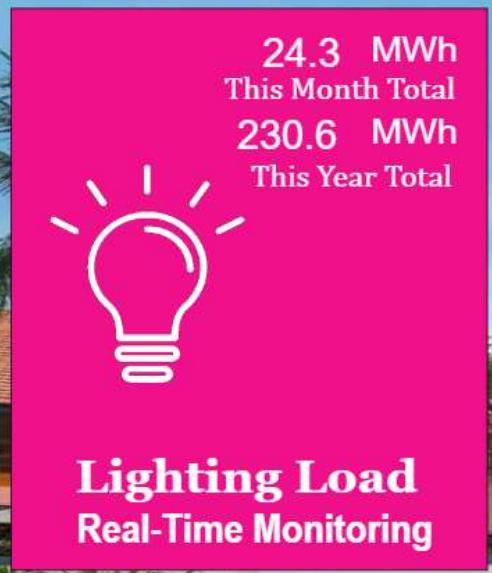
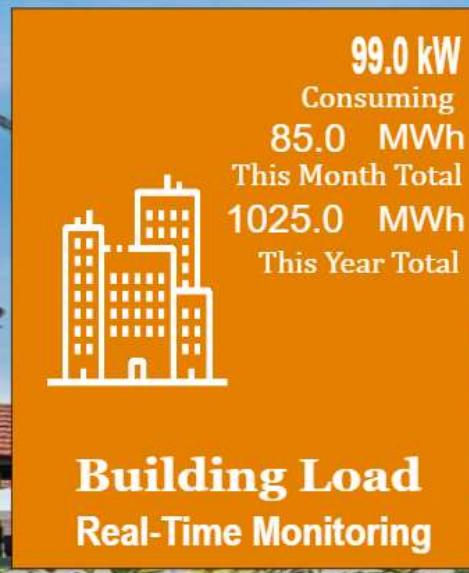
# **BUILDING AUTOMATION SYSTEM**

**RAFFLES VILLA SENTOSA**

# CONTENTS

- 1) Schedule View**
- 2) Trends View**
- 3) Alarm View**
- 4) Graphics View**

# ENERGY PORTAL

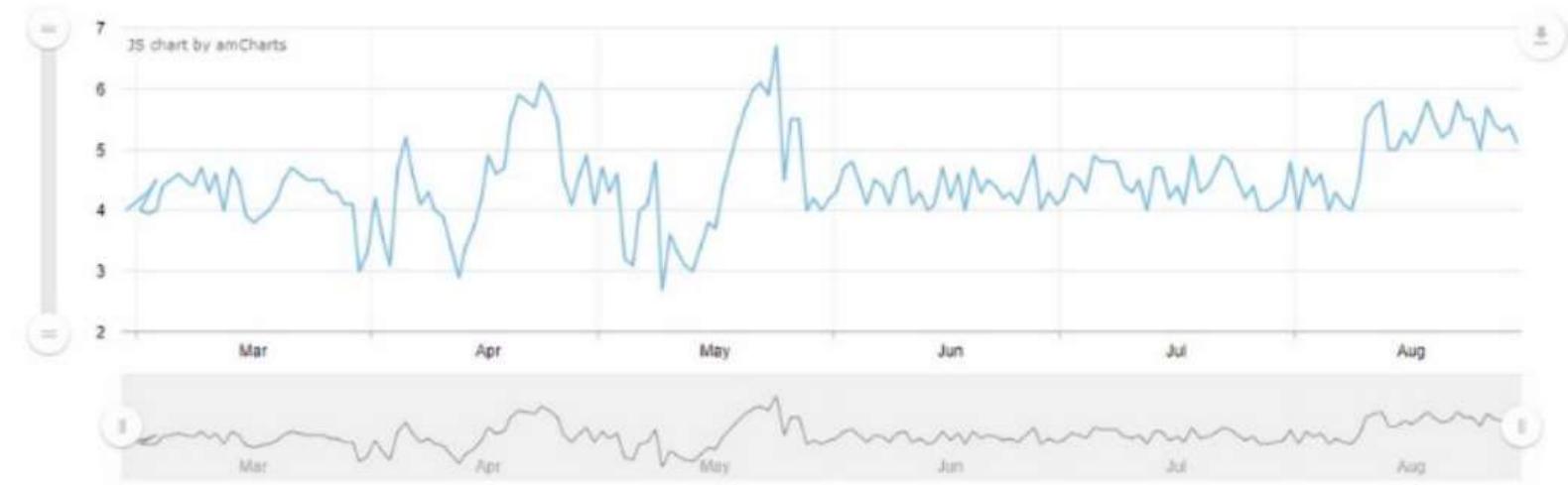




## Dashboard Energy Management

[Home](#) > [Dashboard](#)

## VRV System Efficiency, COP



# SCHEDULE VIEW

## FCU-BOH-B1-01



Save

Today

+ Add exception event

+ Add weekly event



November, 2024

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December, 2024

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

Sun	Mon	Tue	Wed	Thu	Fri	Sat
17	18	19	20	21	22	23
INACTIVE						
2:00 AM						
3:00 AM						
4:00 AM						
5:00 AM						
6:00 AM						
7:00 AM						
8:00 AM						
9:00 AM						
10:00 AM						
11:00 AM						
12:00 PM						
1:00 PM						
2:00 PM						
3:00 PM						
4:00 PM						

# TRENDS VIEW



Save



# **ALARM VIEW**

## Alarms



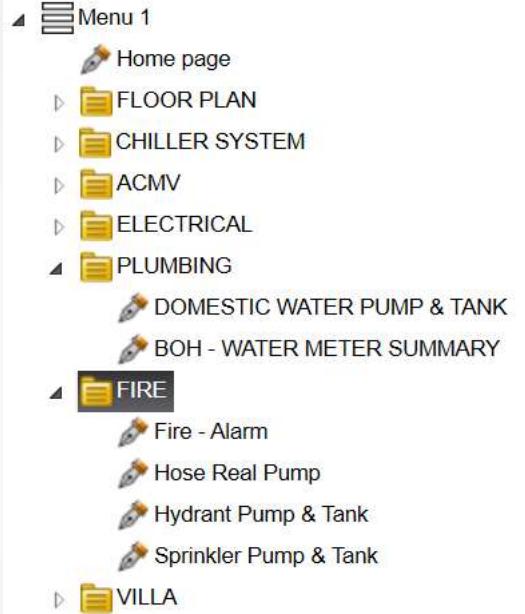
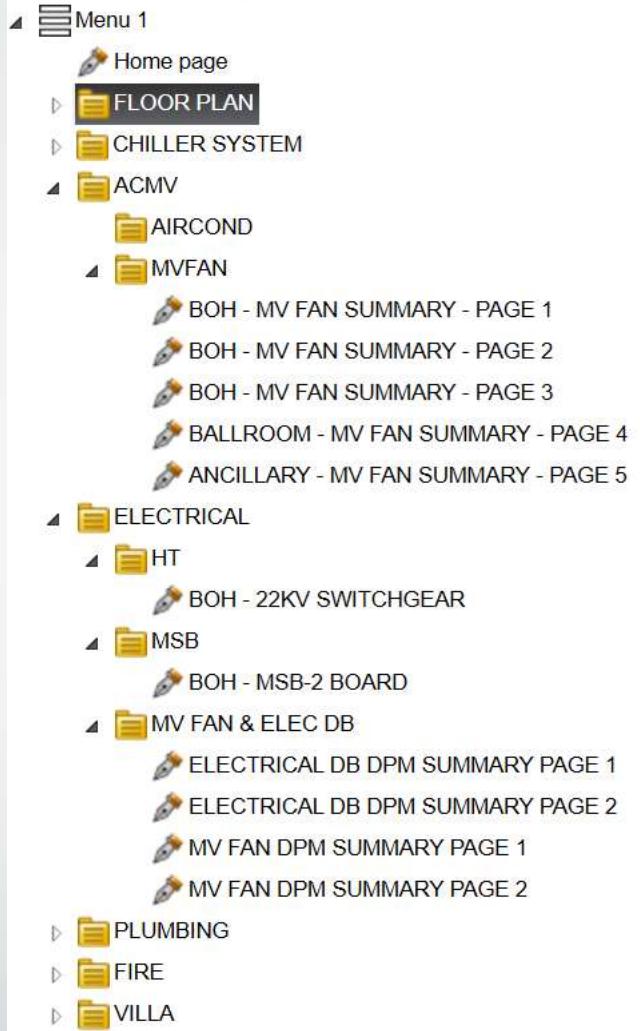
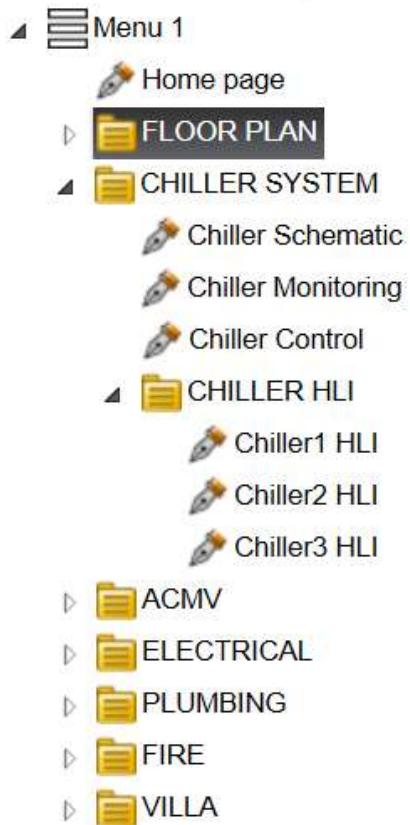
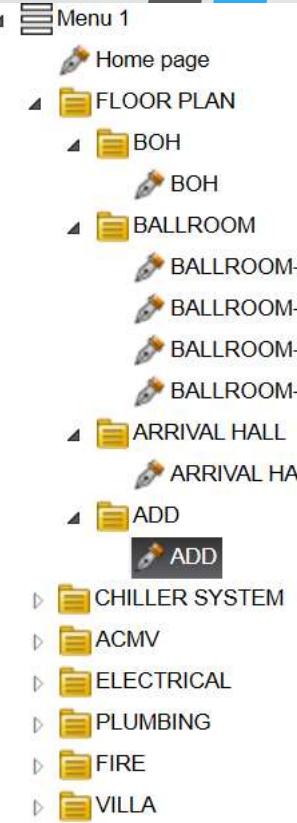
Standard ▾

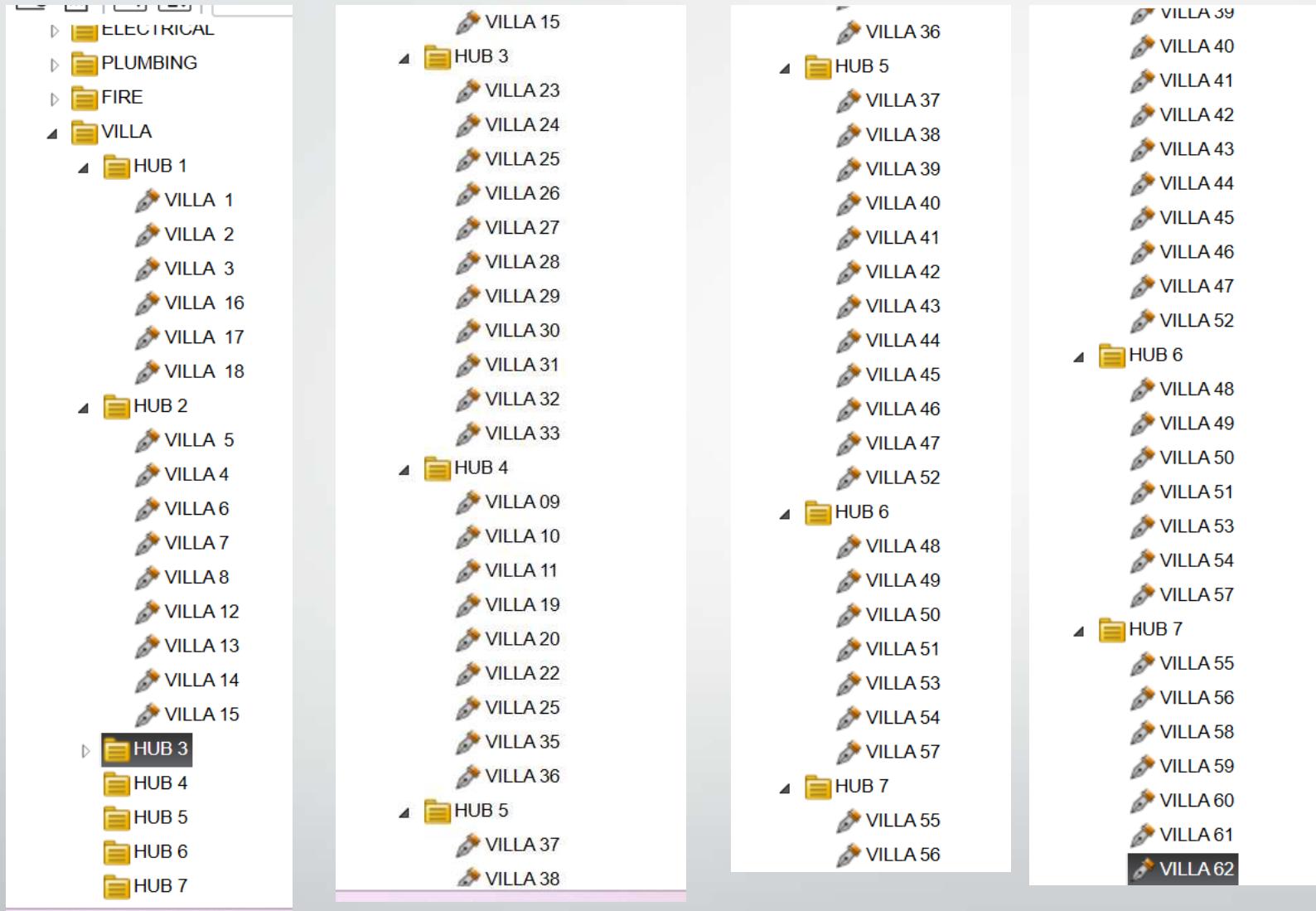
Showing 91 / 91



		Source name	Category	Acknowledged by	Last comment
100	Device offline /Server 1/Modbus TCP Client/BMS-ER-1-1 (1) 37 minutes ago	BMS-ER-1-1	System alarm Alarm text	Acknowledge time	Value at change
100	Device offline /Server 1/Modbus TCP Client/BMS-VILLA-1 (5) 7 days ago	BMS-VILLA-1	System alarm Alarm text	Acknowledged by	Last comment
100	Semantic DB timeout query /Server 1/System/Semantics/Settings (8) 9 days ago	Settings	System alarm Alarm text	Acknowledge time	Value at change
100	Device offline /Server 1/Modbus TCP Client/BMS-VILLA-5 (16) 13 days ago	BMS-VILLA-5	System alarm Alarm text	Acknowledged by	Last comment
100	Device offline /Server 1/Modbus TCP Client/BMS-VILLA-39 (1) 13 days ago	BMS-VILLA-39	System alarm Alarm text	Acknowledge time	Value at change
100	Device offline /Server 1/Modbus TCP Client/BMS-VILLA-38 (1) 13 days ago	BMS-VILLA-38	System alarm Alarm text	Acknowledged by	Last comment
100	Device offline /Server 1/Modbus TCP Client/BMS-VILLA-37 (1) 13 days ago	BMS-VILLA-37	System alarm Alarm text	Acknowledge time	Value at change
100	Device offline /Server 1/Modbus TCP Client/BMS-VILLA-40 (1) 13 days ago	BMS-VILLA-40	System alarm Alarm text	Acknowledged by	Last comment
100	Device offline /Server 1/Modbus TCP Client/BMS-VILLA-43 (1) 13 days ago	BMS-VILLA-43	System alarm Alarm text	Acknowledge time	Value at change
100	Device offline /Server 1/Modbus TCP Client/BMS-VILLA-42	BMS-VILLA-42	System alarm Alarm text	Acknowledged by	Last comment

# NAVIGATION BREAKDOWN





# WEB NAVIGATION

The image displays four screenshots of a mobile application interface, likely a building management system, arranged horizontally. Each screenshot shows a navigation menu on the left and a main content area on the right.

**Screenshot 1 (Left):**

- Navigation Menu:** Home page, FLOOR PLAN, CHILLER SYSTEM, ACMV, ELECTRICAL, PLUMBING, FIRE, VILLA.
- Views:** Favorite pages, Dashboards.

**Screenshot 2 (Middle Left):**

- Navigation Menu:** Home page, FLOOR PLAN, CHILLER SYSTEM, ACMV, ELECTRICAL, PLUMBING, FIRE, VILLA.
- Main Content:** FLOOR PLAN section with items: BOH, BALLROOM, ARRIVAL HALL, ADD.
- Views:** Favorite pages, Dashboards.

**Screenshot 3 (Middle Right):**

- Navigation Menu:** Home page, FLOOR PLAN, CHILLER SYSTEM, ACMV, ELECTRICAL, PLUMBING, FIRE, VILLA.
- Main Content:** VILLA section with items: HUB 1, HUB 2, HUB 3, HUB 4, HUB 5, HUB 6, HUB 7.
- Views:** Favorite pages, Dashboards.

**Screenshot 4 (Right):**

- Navigation Menu:** Home page, FLOOR PLAN, CHILLER SYSTEM, ACMV, ELECTRICAL, PLUMBING, FIRE, VILLA.
- Main Content:** Views section with items: Alarms (6 notifications), Events, Watch.
- Views:** Favorite pages, Dashboards.

# **GRAPHICS VIEW**



**FRONT PAGE**



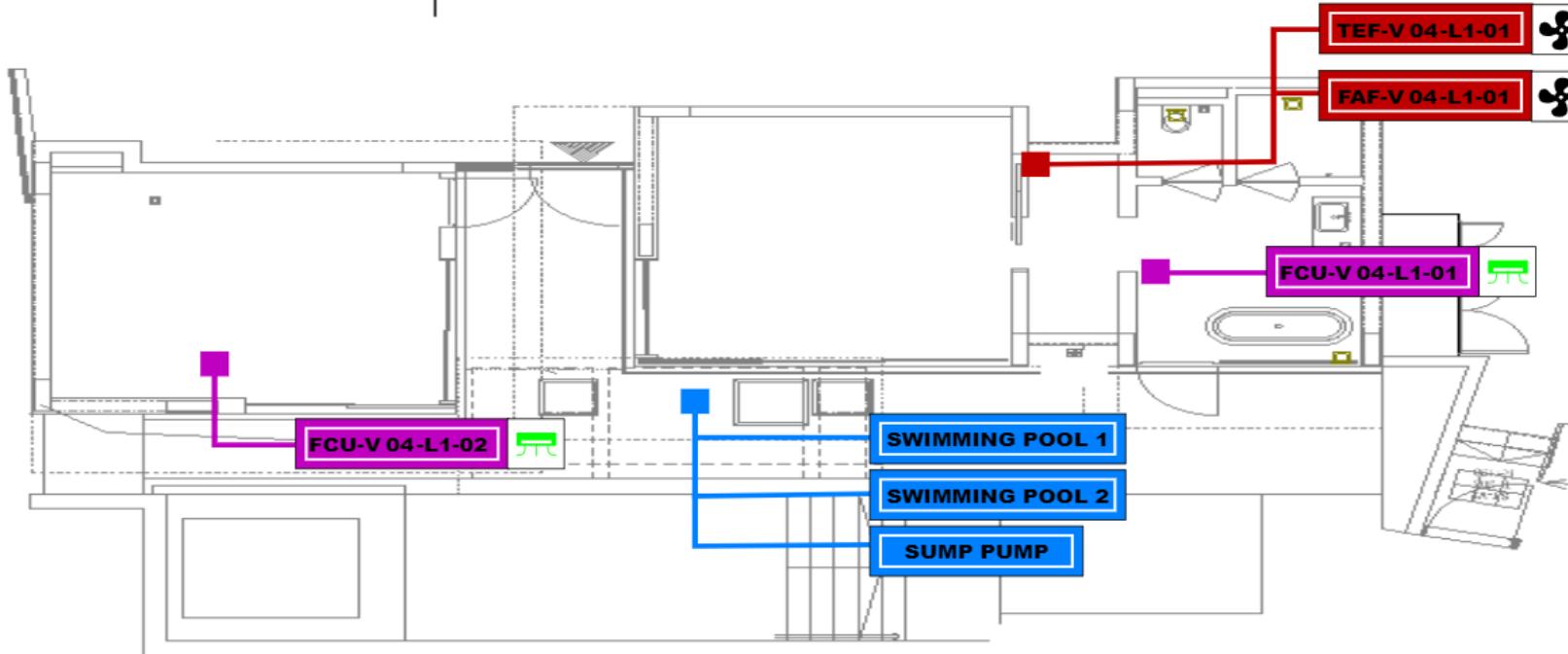
## HOME PAGE





VILLA

## VILLA 4



## DIGITAL WATER METER

Equipment	CONSUMPTION	LAST MONTH CONSUMPTION
WM-V04-01	41943.0 m3	0.0 m3
WM-V04-02	37355.5 m3	0.0 m3

## DIGITAL POWER METER

Equipment	CONSUMPTION	POWER USAGE
DPM-V04	2177.9 Kwh	1.9 Kwh

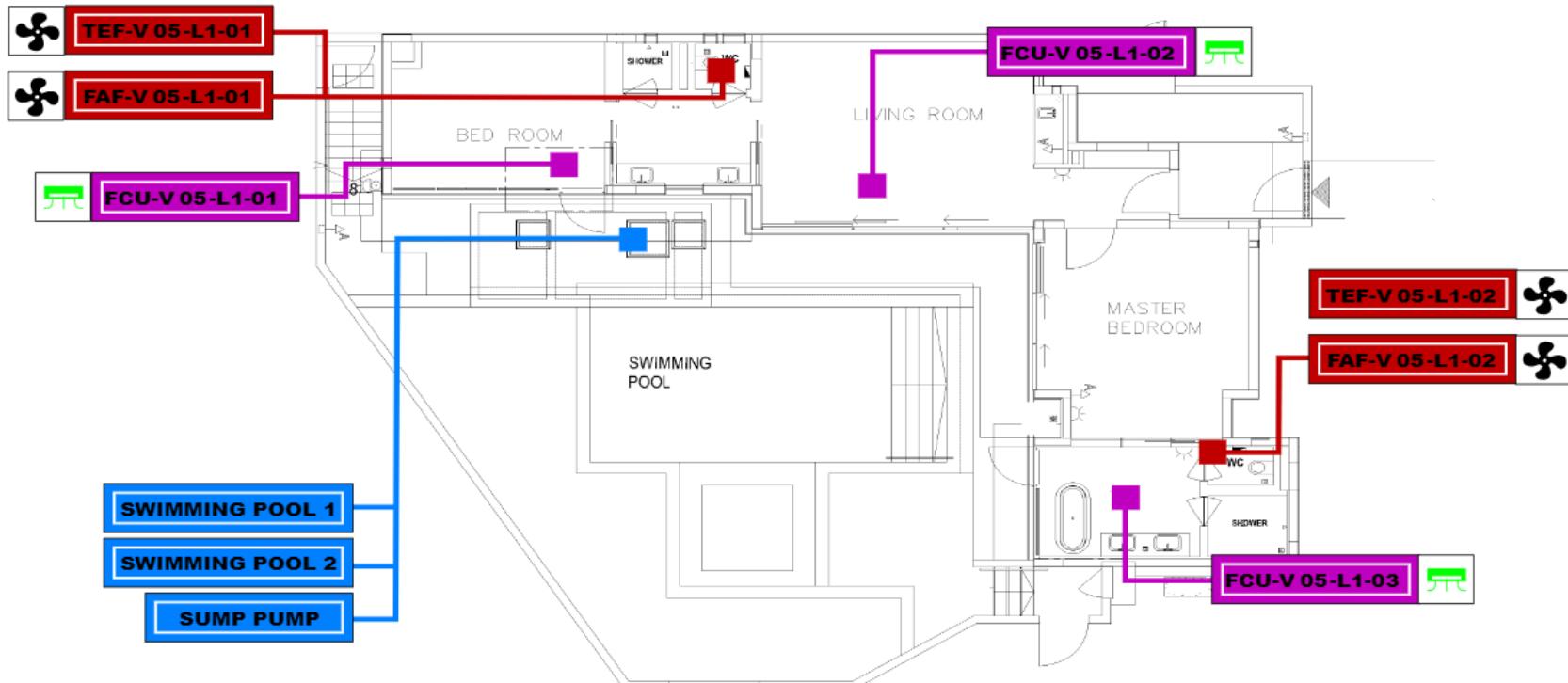
## MONITORING EQUIPMENTS

Equipment	Run Status	Trip Alarm	High Level
FAF-V04 L1-01	OFF	NORMAL	
TEF-V04 L1-01	OFF	NORMAL	
SWIMMING POOL PUMP 1	OFF	NORMAL	NORMAL
SWIMMING POOL PUMP 2	ON	NORMAL	
SUMP PUMP	OFF	NORMAL	

## AIR-COND

Equipment	Run Status	Trip Alarm	Room Air Temperature	Error Code	Location
FCU-V04 -L1-01	ON	NORMAL	25.9 °C	1.0	BEDROOM/ BATH
FCU-V04 -L1-02	ON	NORMAL	31.0 °C	1.0	LIVING ROOM

## VILLA 5



## AIR-COND

Equipment	Run Status	Trip Alarm	Room Air Temperature	Error Code	Location
FCU-V05-L1-01	ON	NORMAL	29.2 °C	1.0	BEDROOM/ BATH
FCU-V05-L1-02	ON	NORMAL	20.4 °C	1.0	LIVING ROOM
FCU-V05-L1-03	ON	NORMAL	20.4 °C	1.0	MASTER/MBR BATH

## DIGITAL WATER METER

Equipment	CONSUMPTION	LAST MONTH CONSUMPTION
WM-V05-01	31.0 m3	0.0 m3
WM-V05-02	16.0 m3	0.0 m3

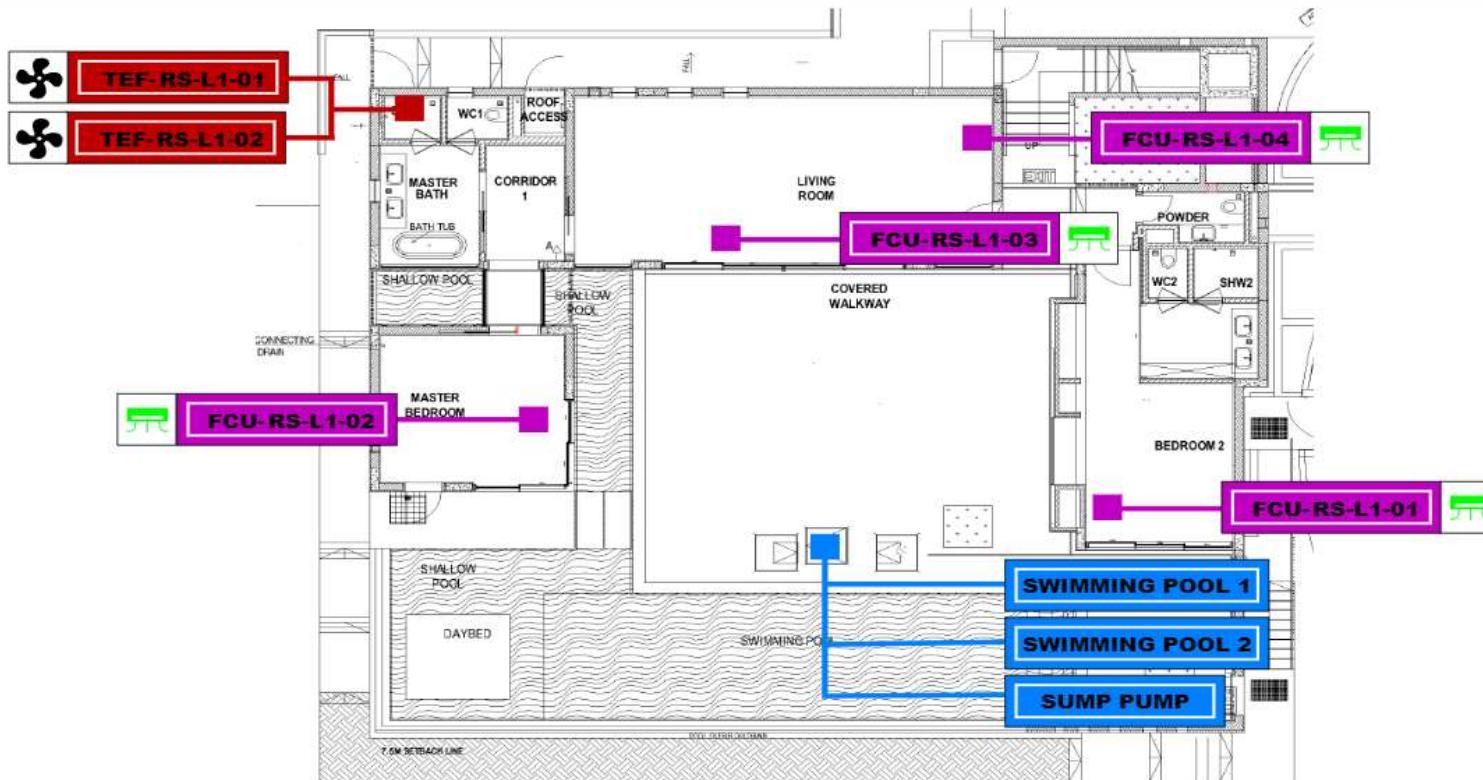
## DIGITAL POWER METER

Equipment	CONSUMPTION	POWER USAGE
DPM-V05	1690.9 Kwh	2.6 Kwh

## MONITORING EQUIPMENTS

Equipment	Run Status	Trip Alarm	High Level
FAF-V05 L1-01	OFF	NORMAL	
TEF-V05 L1-01	OFF	NORMAL	
FAF-V05 L1-02	OFF	NORMAL	
TEF-V05 L1-02	OFF	NORMAL	
SWIMMING POOL PUMP 1	OFF	NORMAL	NORMAL
SWIMMING POOL PUMP 2	OFF	NORMAL	
SUMP PUMP	OFF	NORMAL	

## VILLA 62



## DIGITAL WATER METER

Equipment	CONSUMPTION	LAST MONTH CONSUMPTION
WM-RS-01	3114.7 m3	0.0 m3
WM-RS-02	88966.9 m3	0.0 m3

## DIGITAL POWER METER

Equipment	CONSUMPTION	POWER USAGE
DPM-RS	1148.7 Kwh	8.6 Kwh

## MONITORING EQUIPMENTS

Equipment	Run Status	Trip Alarm	High Level
TEF-RS-L1-01	OFF	NORMAL	
TEF-RS-L1-02	OFF	NORMAL	
SWIMMING POOL PUMP 1	OFF	NORMAL	NORMAL
SWIMMING POOL PUMP 2	OFF	NORMAL	
SUMP PUMP	OFF	NORMAL	NORMAL

## AIR-COND

Equipment	Run Status	Trip Alarm	Room Air Temperature	Error Code	Location
FCU-RS-L1-01	ON	NORMAL	26.5 °C	1.0	BEDROOM2
FCU-RS-L1-02	ON	NORMAL	21.8 °C	1.0	MASTER BEDROOM
FCU-RS-L1-03	ON	NORMAL	21.6 °C	1.0	LIVING ROOM
FCU-RS-L1-04	ON	NORMAL	21.4 °C	1.0	LIVING ROOM



# **ANCILLARY BUILDING SERVICES**

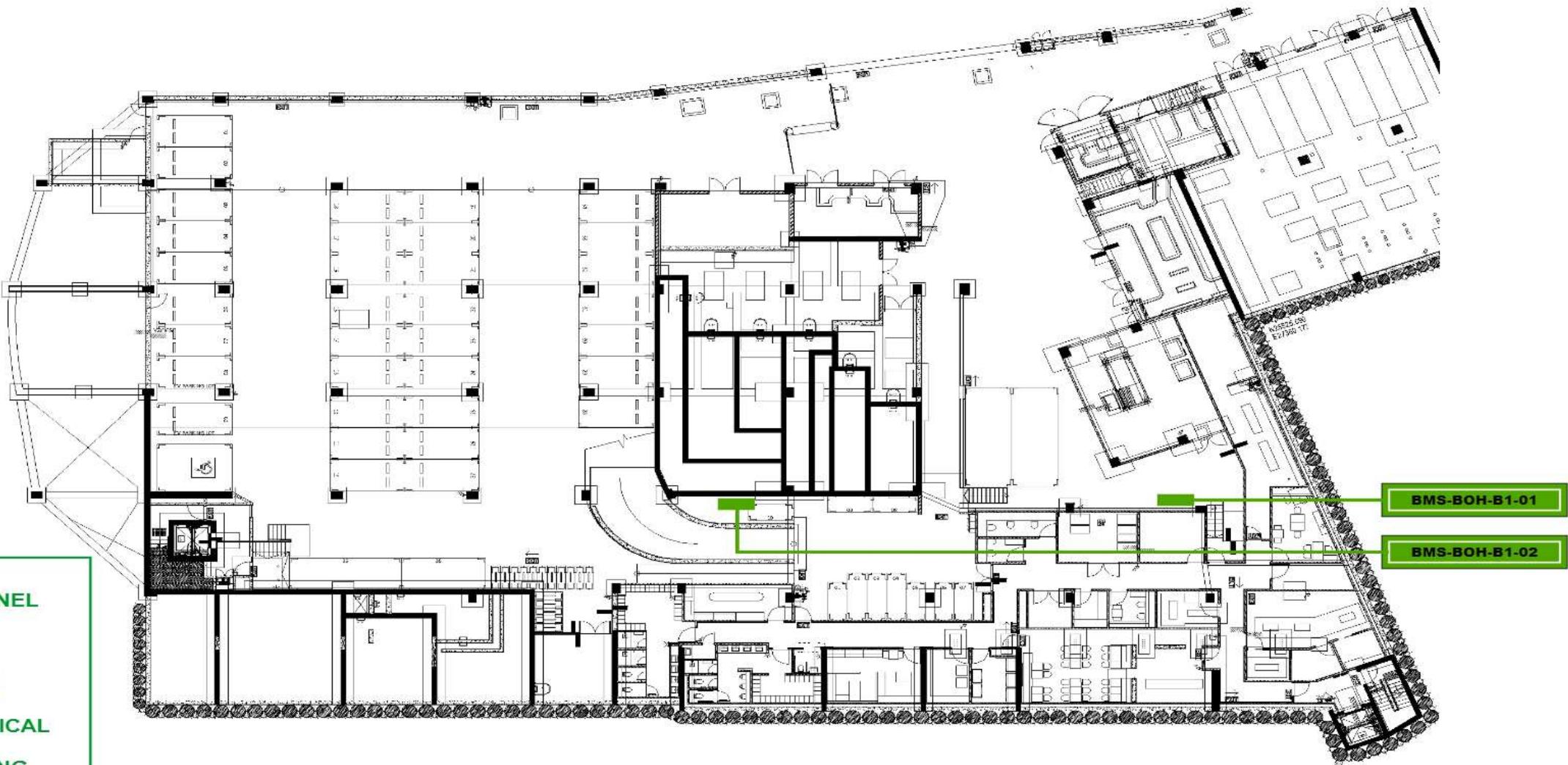
# BOH FLOOR PLAN

## BACK OF HOUSE - LEVEL 1



**BACK OF HOUSE - LEVEL 1**



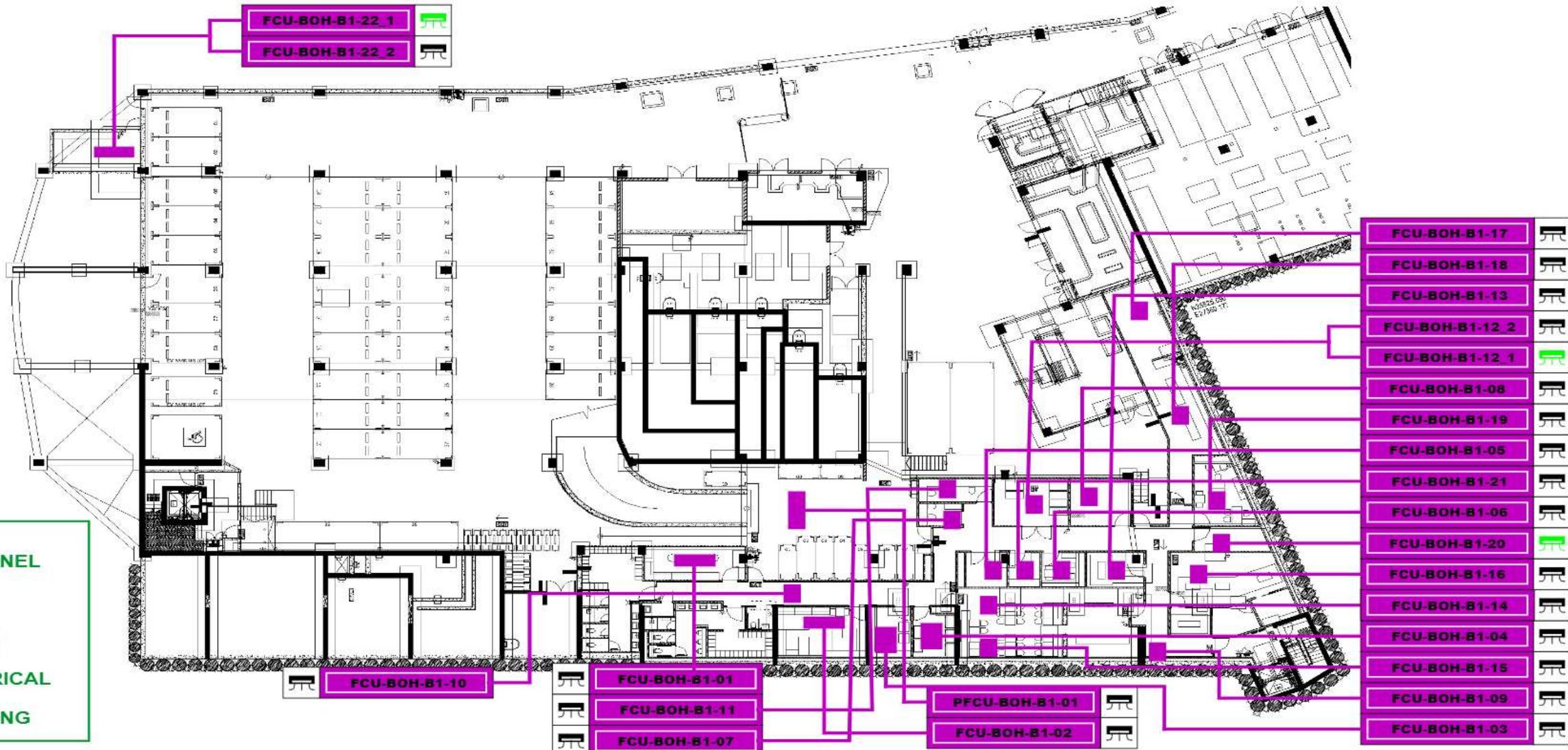


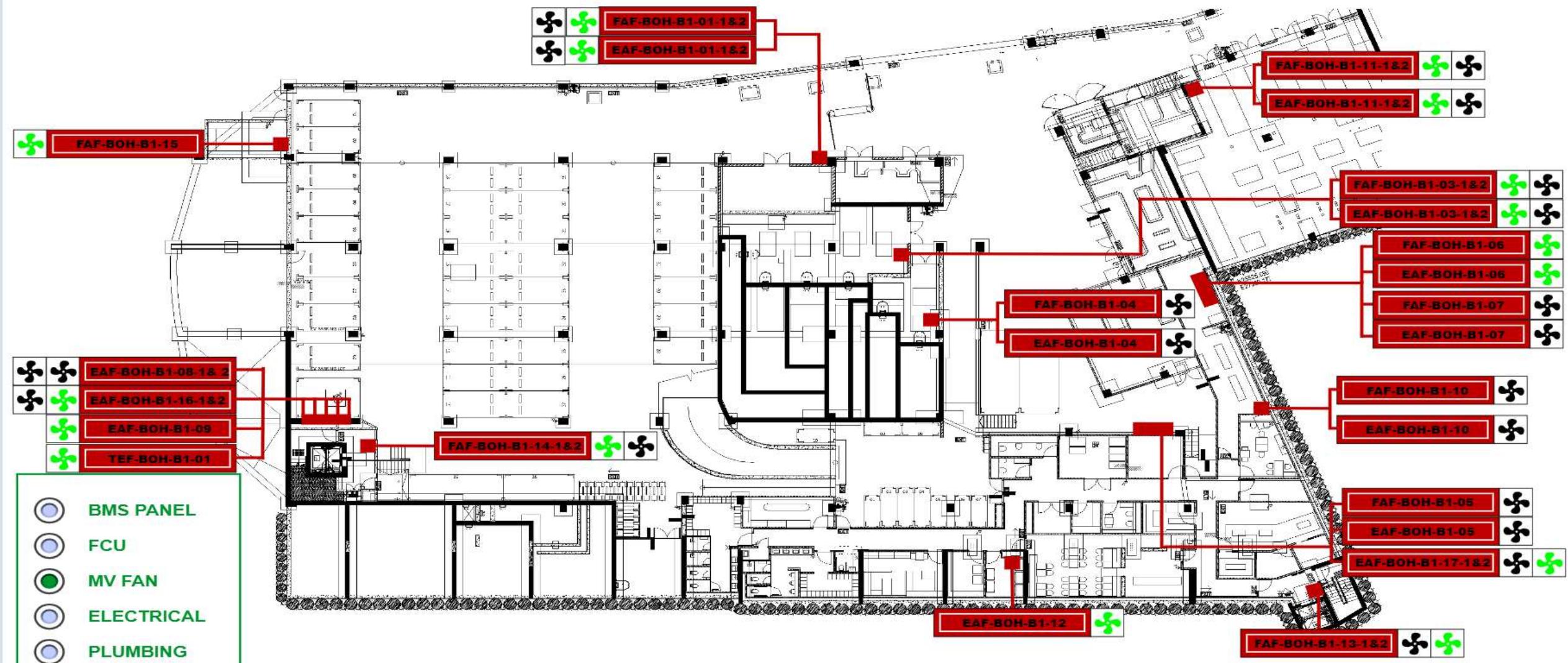


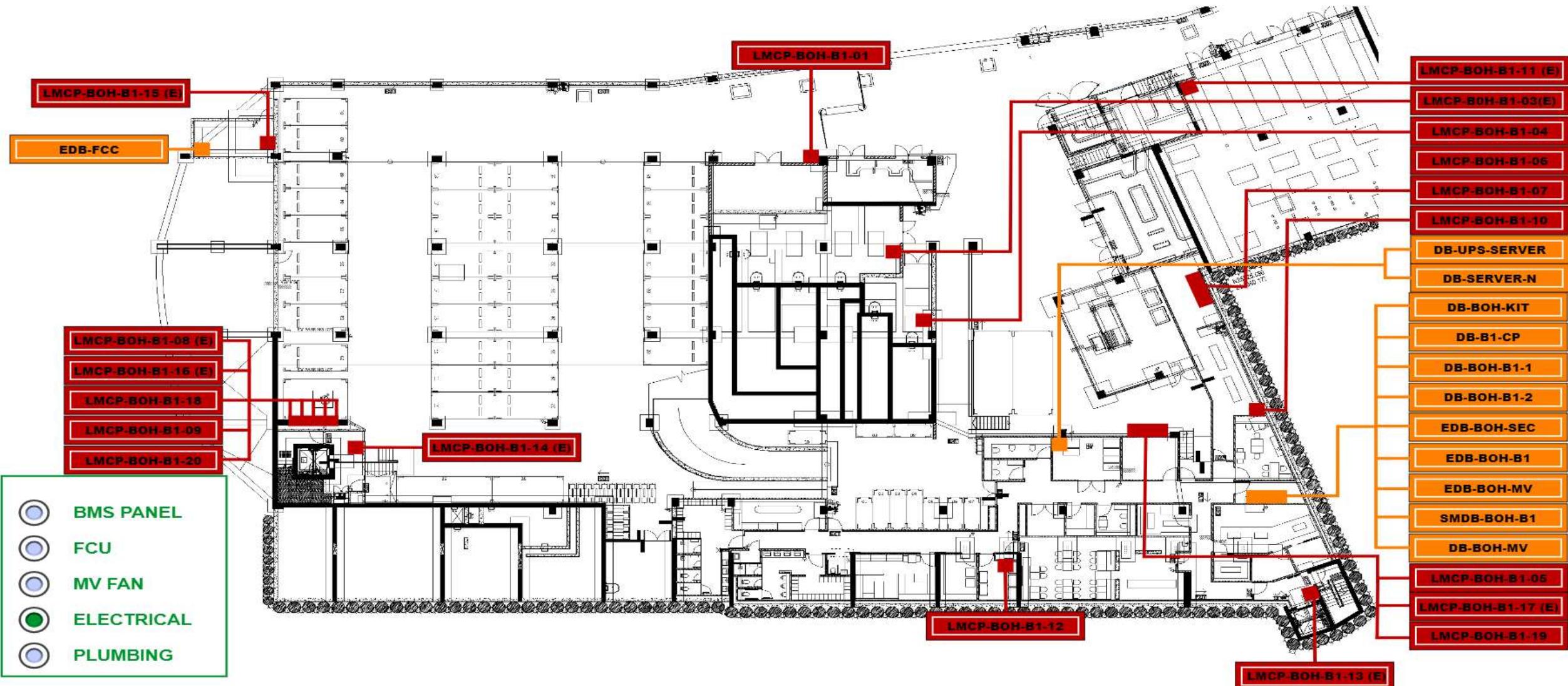
< BOH-B1



Schneider  
Electric







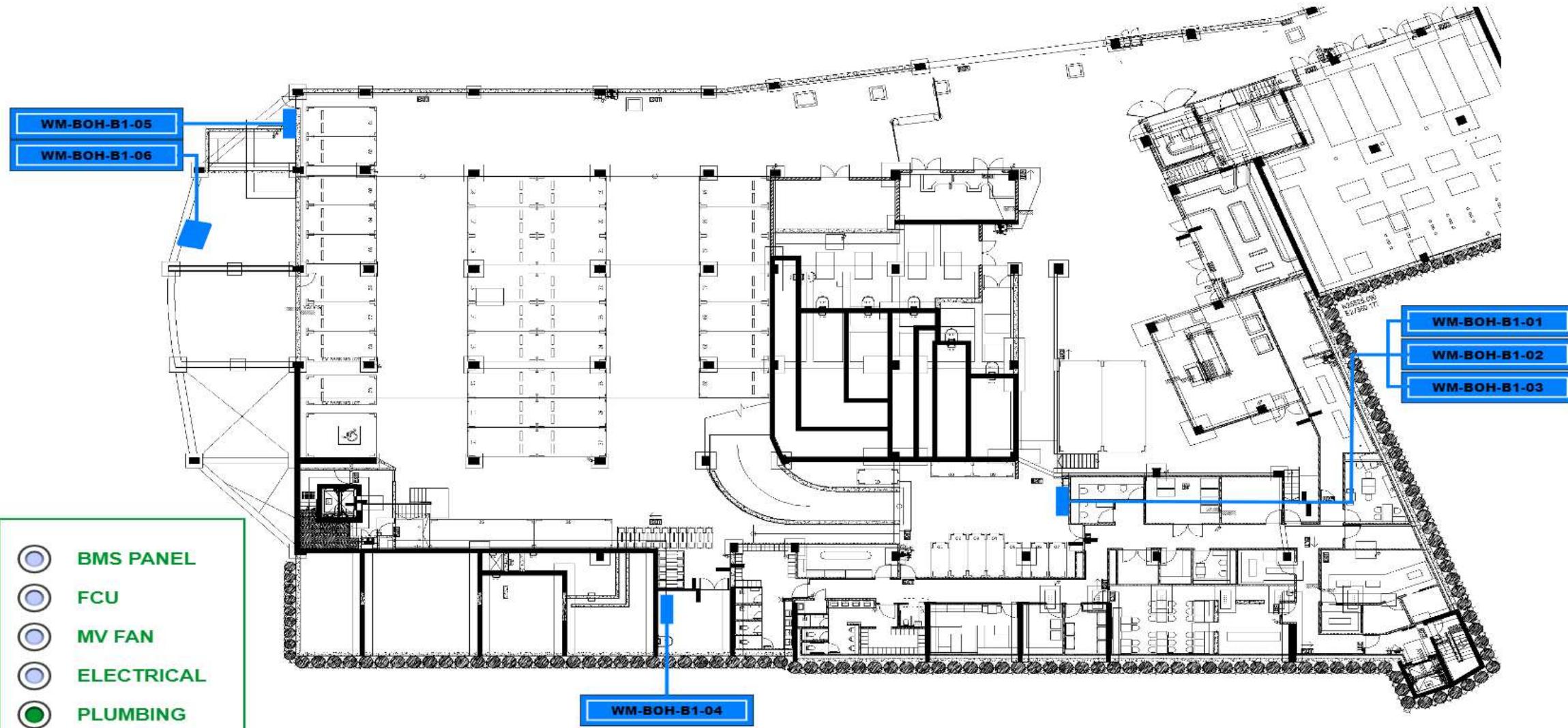


< BOH-B1



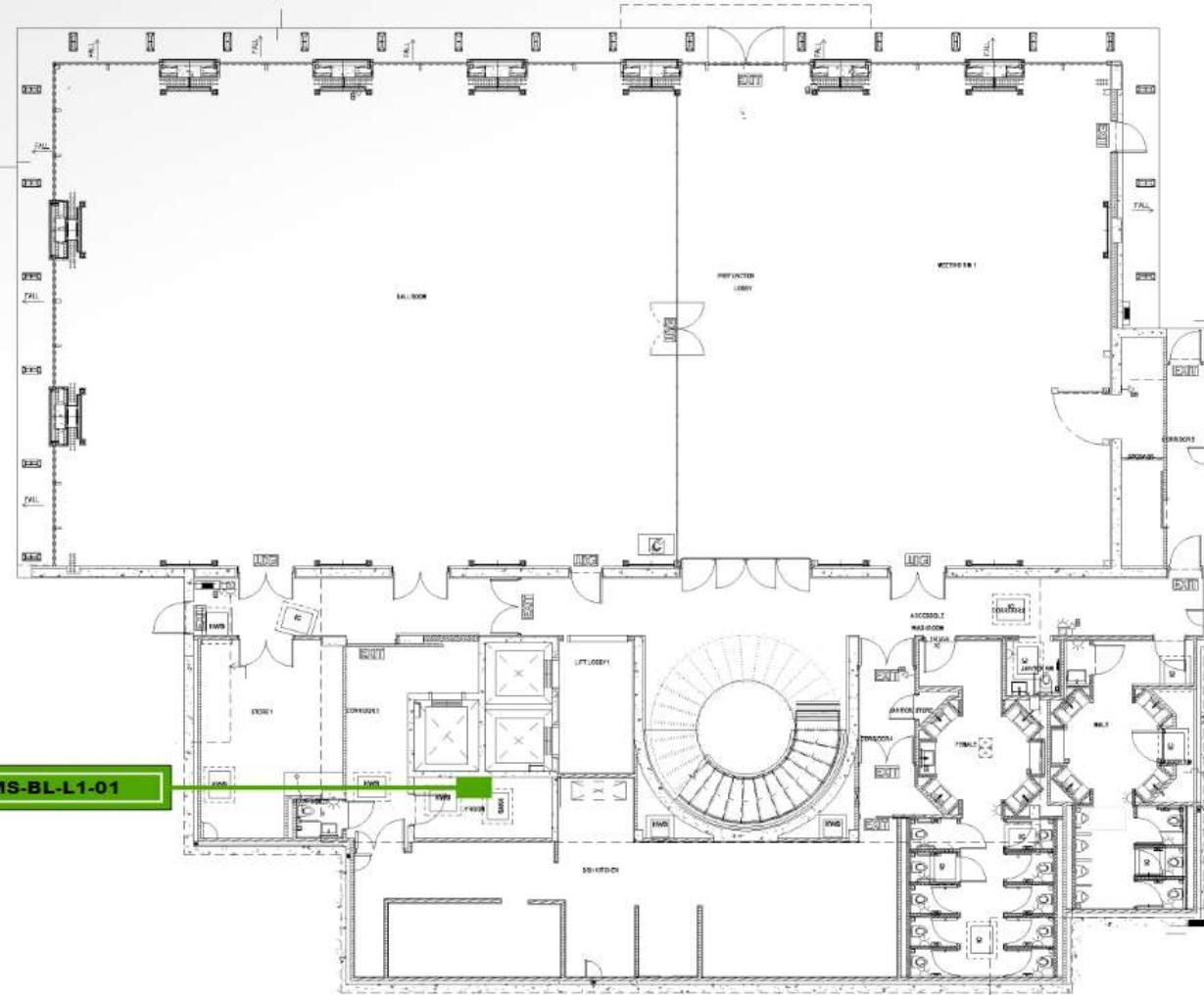
GU

Schneider  
Electric



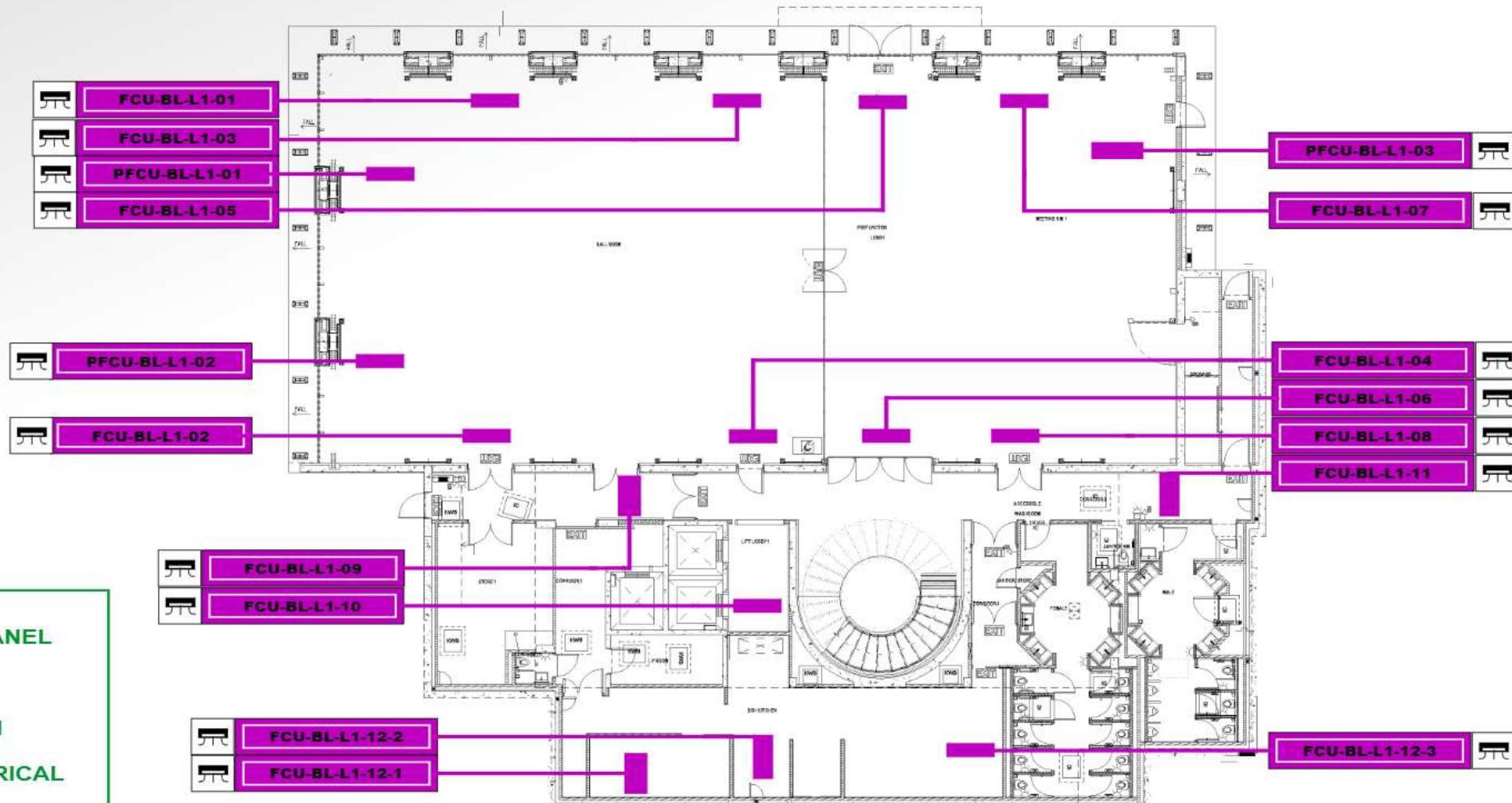
# BALLROOM FLOOR PLAN

## BALLROOM - LEVEL 1



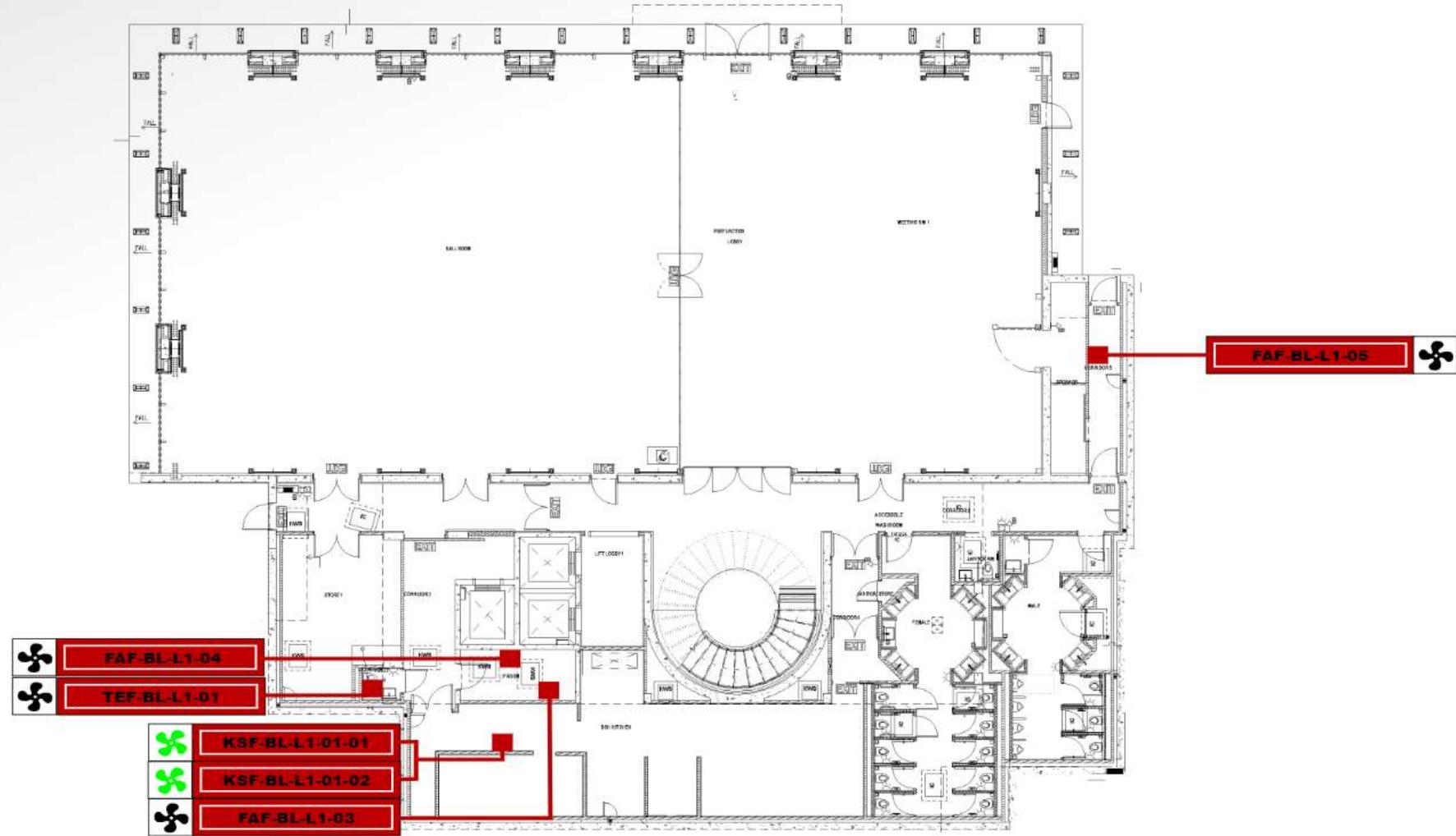
- BMS PANEL
- FCU
- MV FAN
- ELECTRICAL
- PLUMBING

## BALLROOM - LEVEL 1

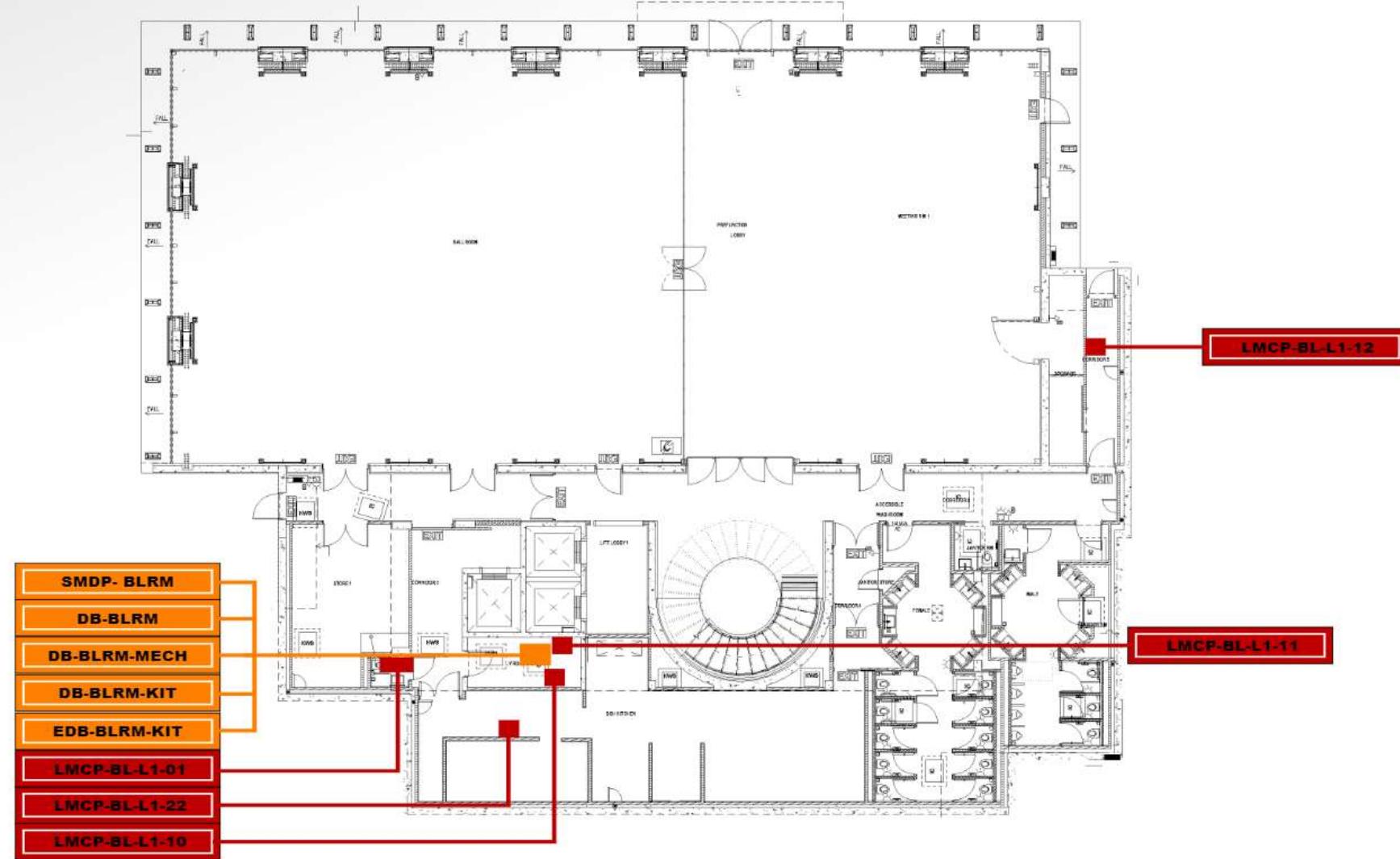


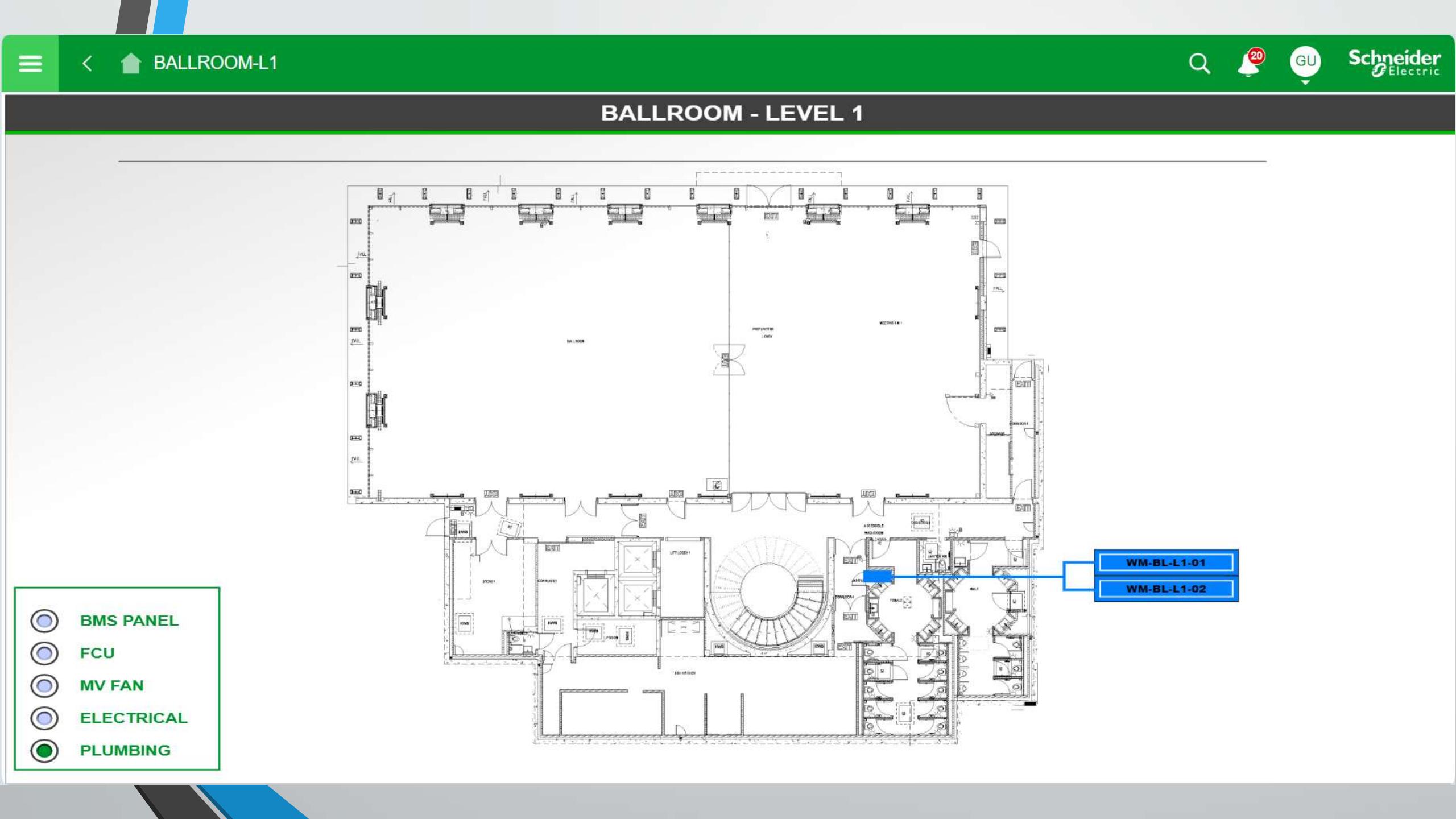
- BMS PANEL
- FCU
- MV FAN
- ELECTRICAL
- PLUMBING

## BALLROOM - LEVEL 1

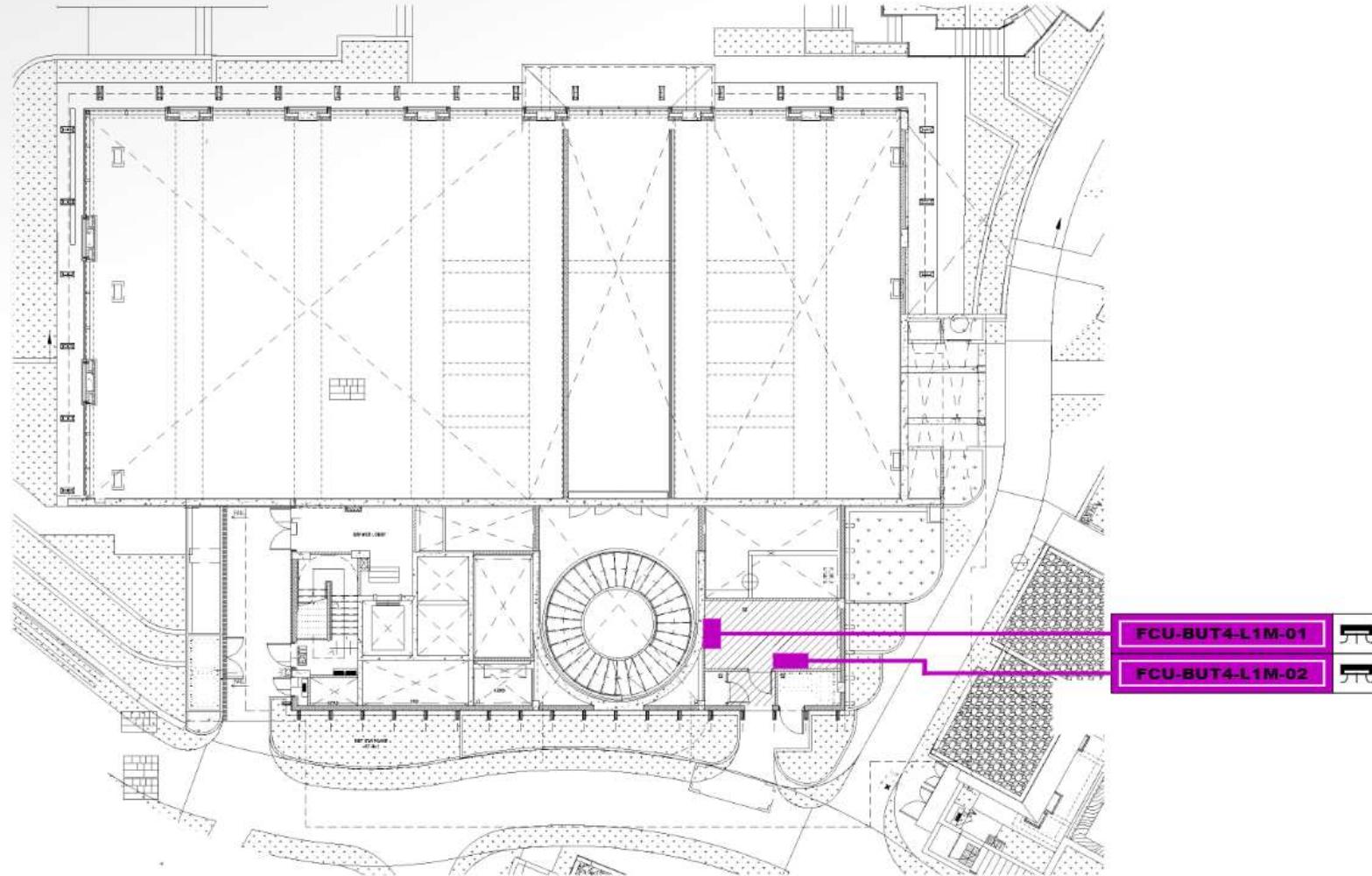


## BALLROOM - LEVEL 1



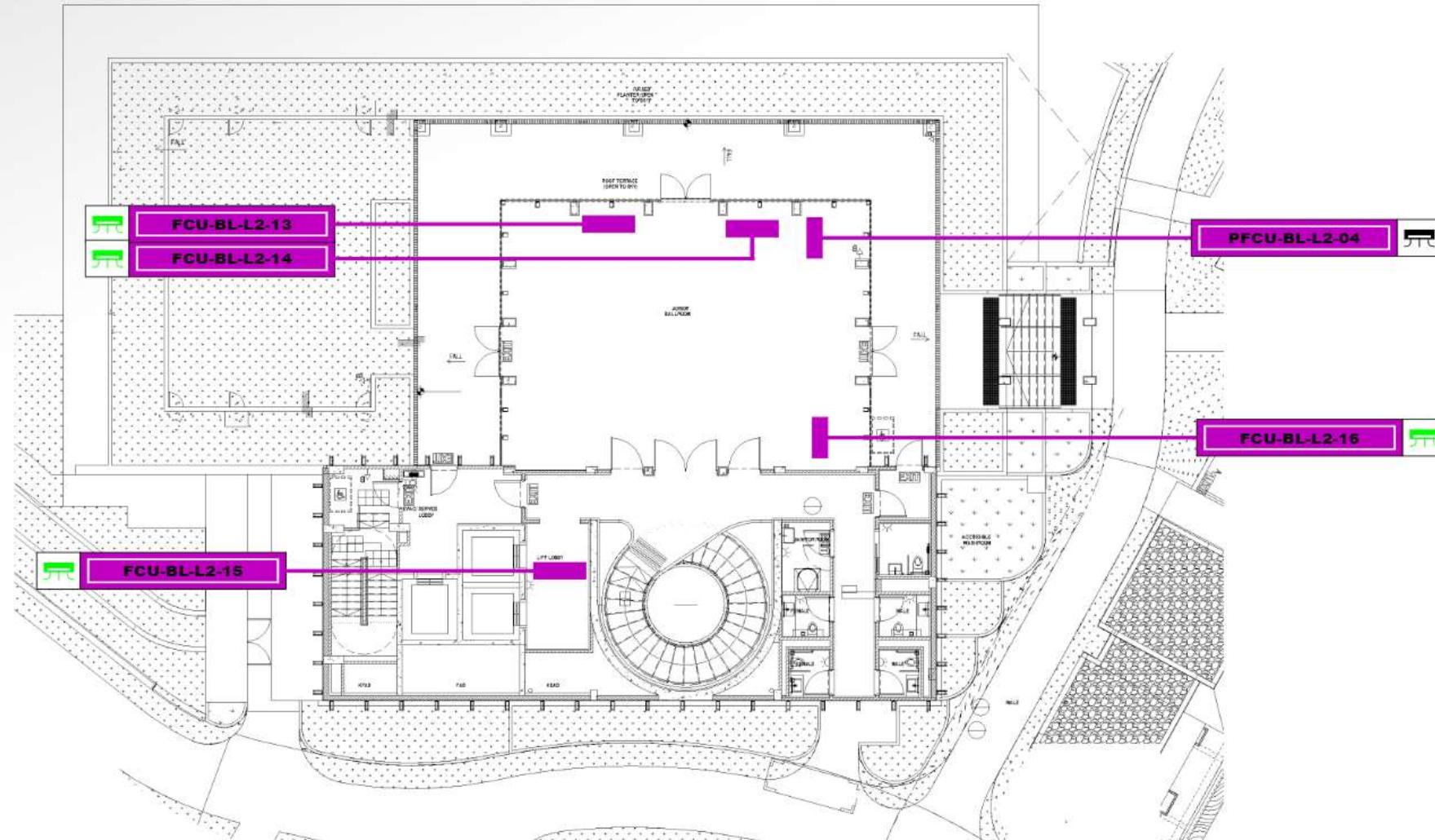


## BALLROOM - LEVEL MEZZANINE

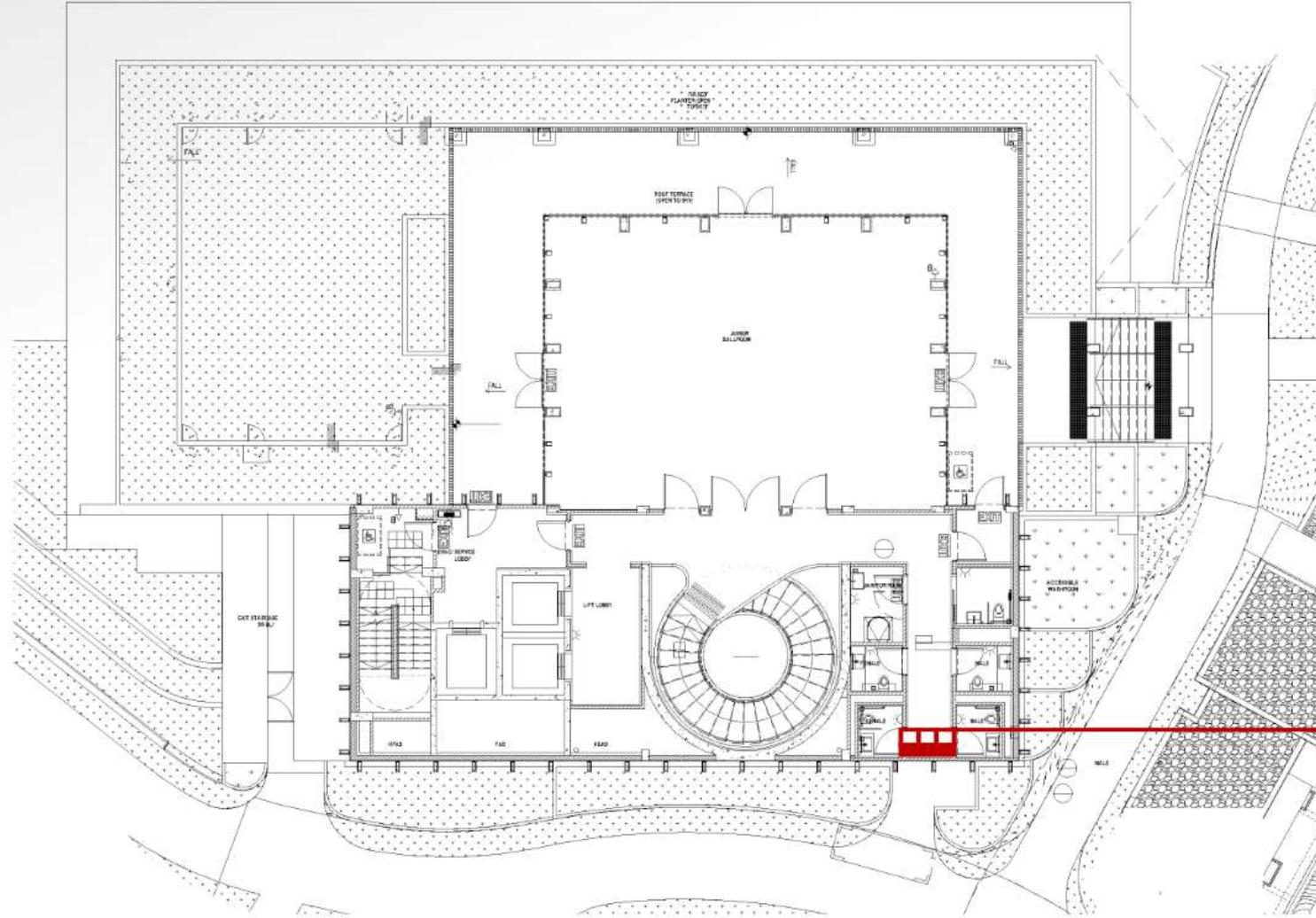


FCU

## BALLROOM - LEVEL 2

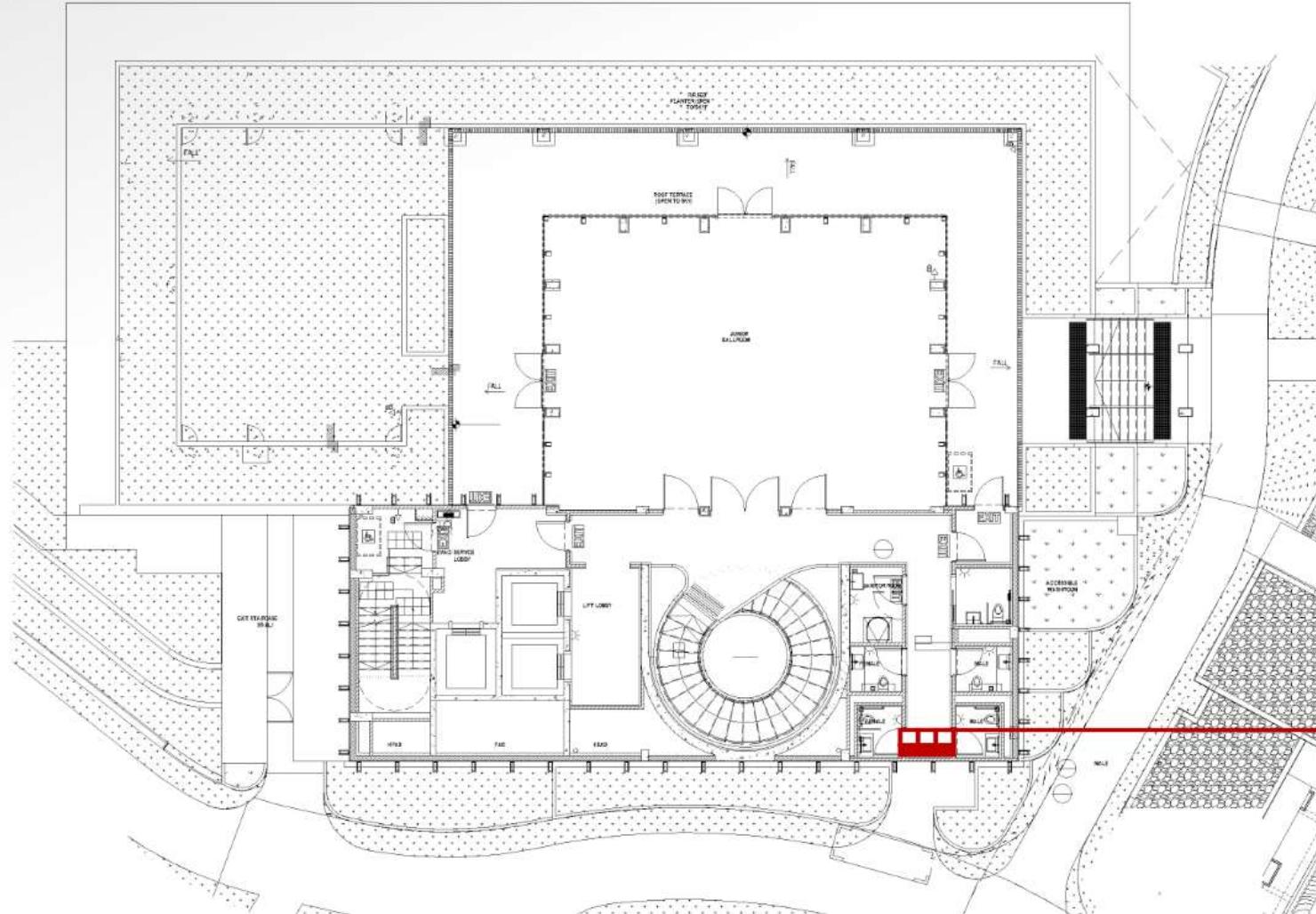


## BALLROOM - LEVEL 2



- FCU
- MV FAN
- ELECTRICAL
- PLUMBING

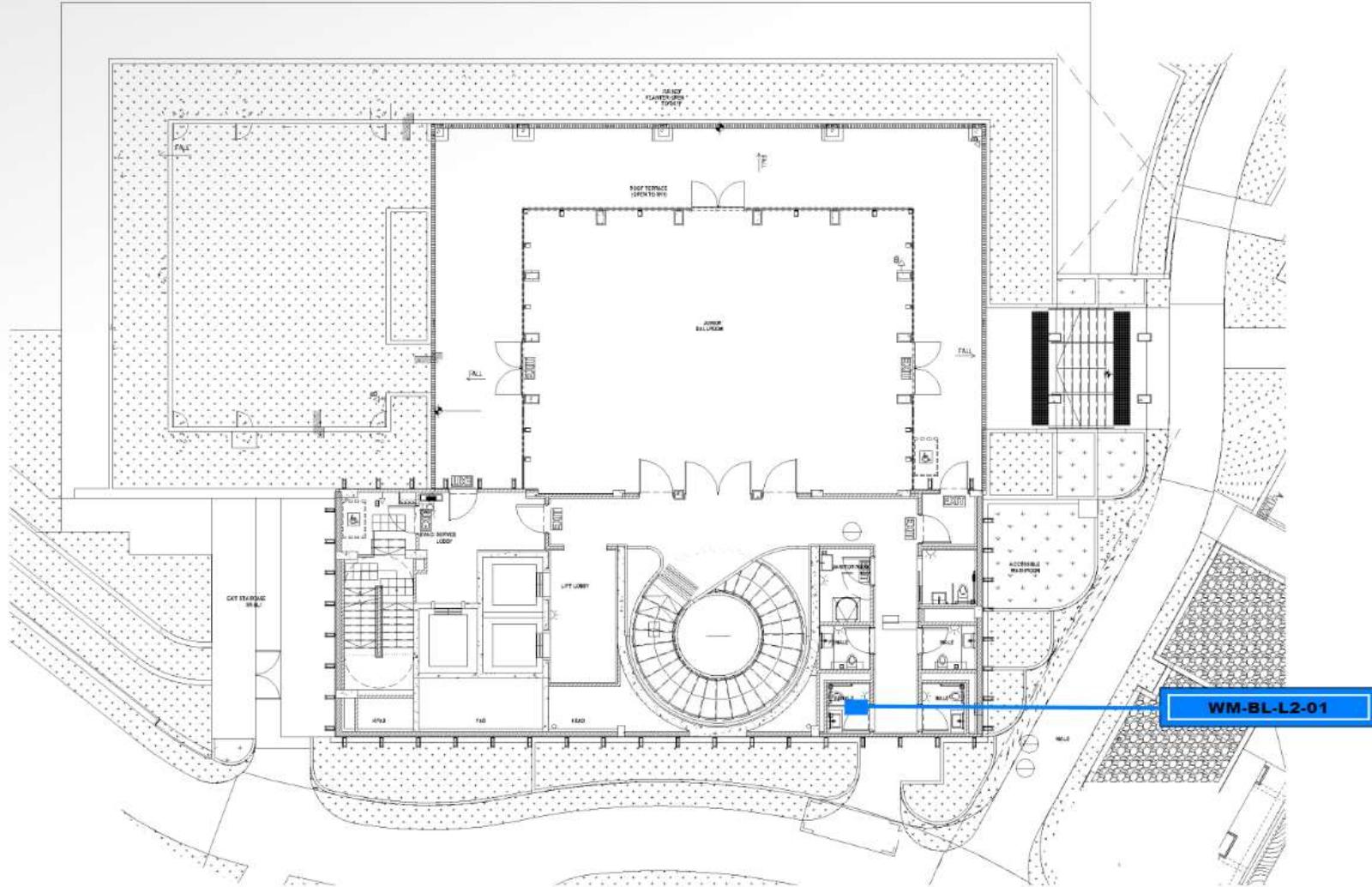
## BALLROOM - LEVEL 2



LMCP-BL-L2-04  
LMCP-BL-L2-02  
LMCP-BL-L2-03

- FCU
- MV FAN
- ELECTRICAL
- PLUMBING

## BALLROOM - LEVEL 2





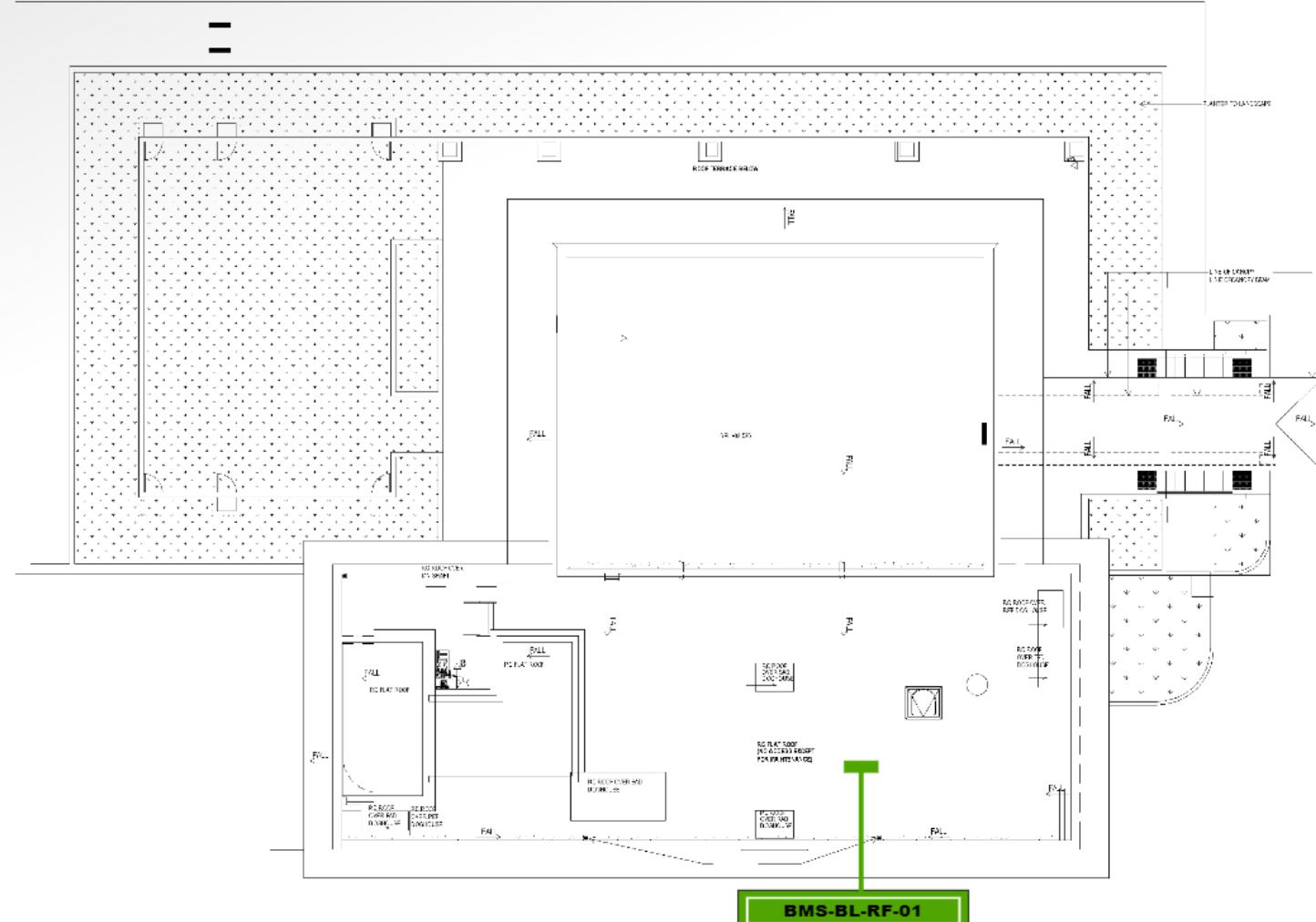
BALLROOM-RF



GU

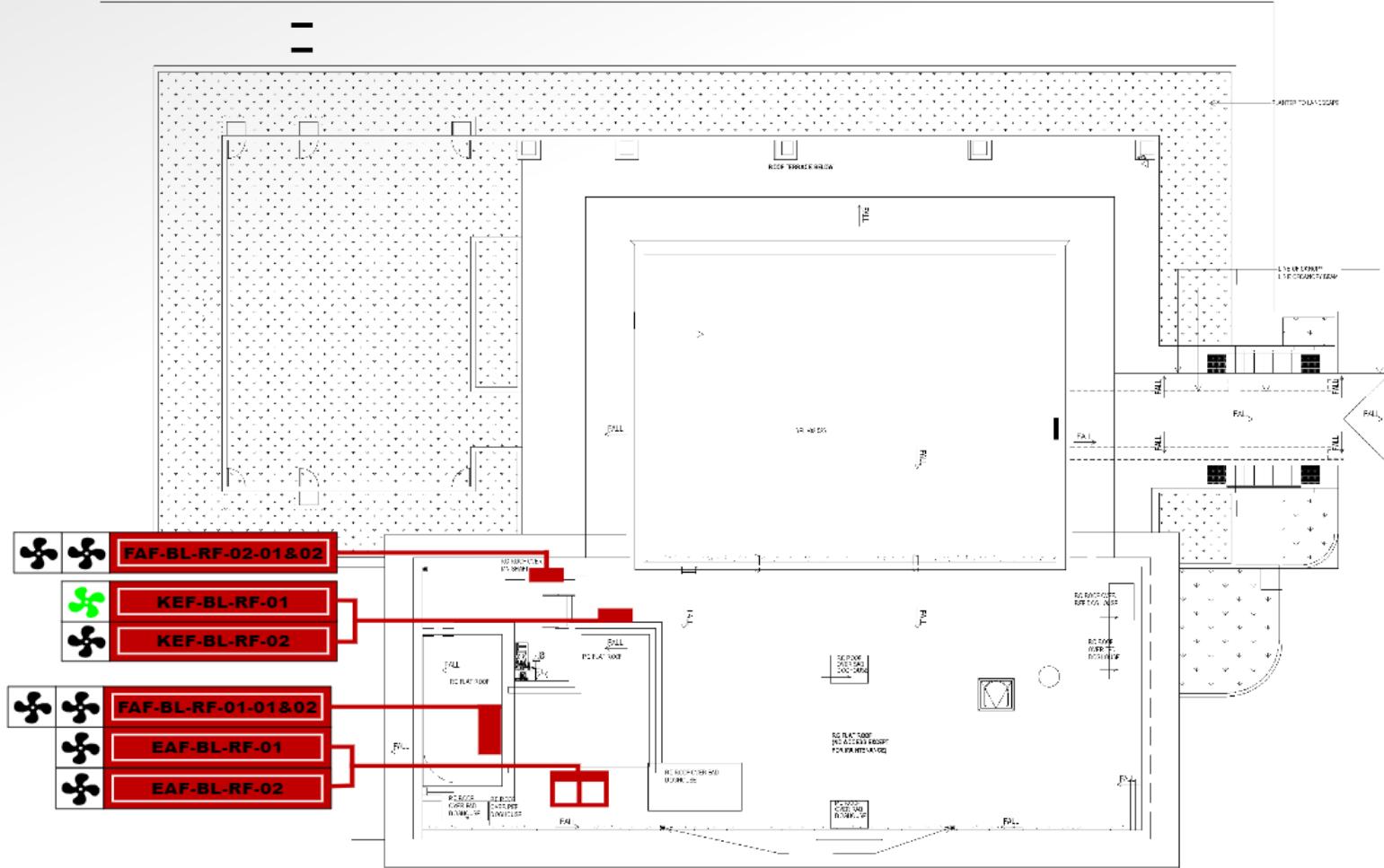
**Schneider**  
Electric

## **BALLROOM - ROOF**

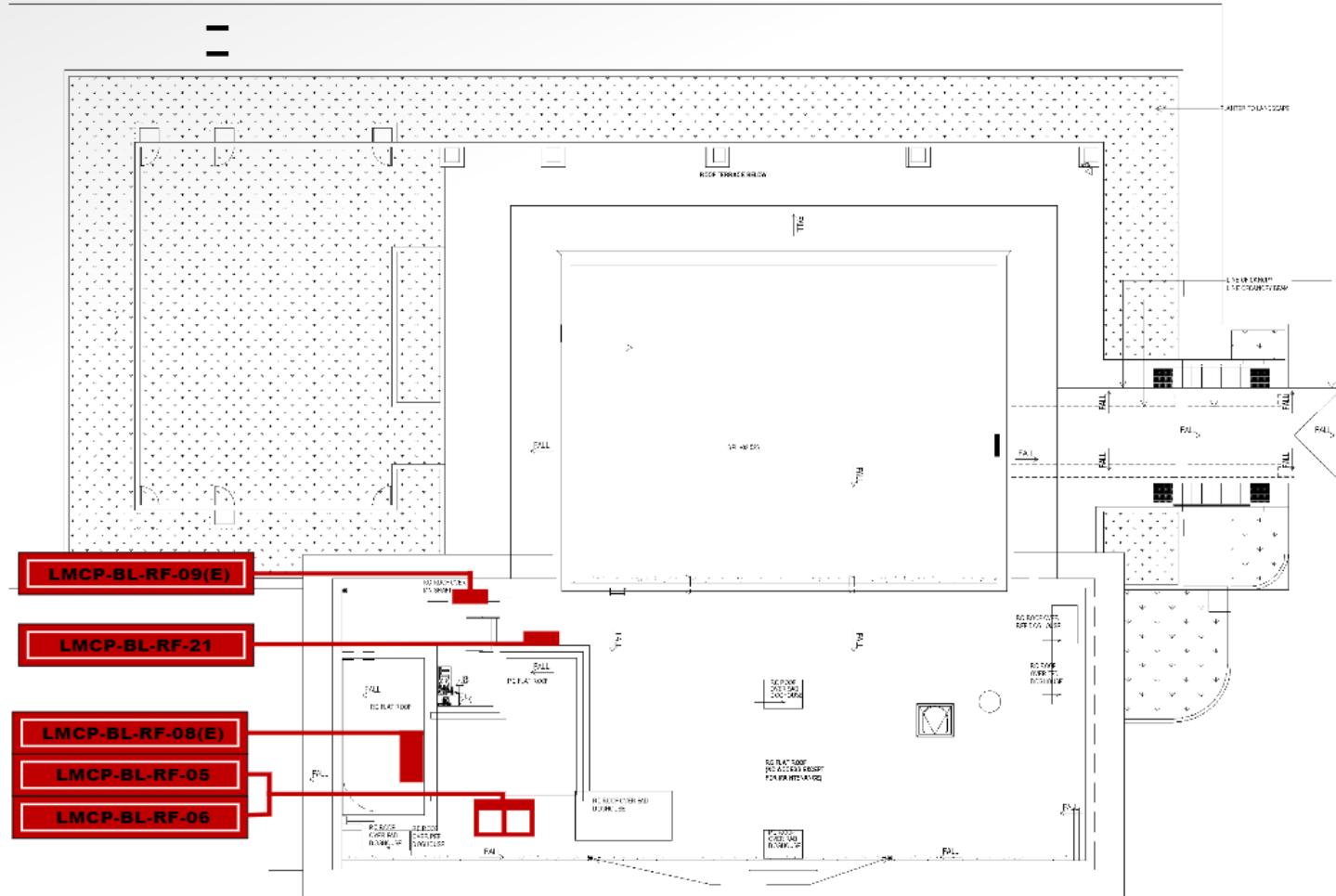


-  BMS PANEL
  -  MV FAN
  -  ELECTRICAL
  -  PLUMBING

## BALLROOM - ROOF

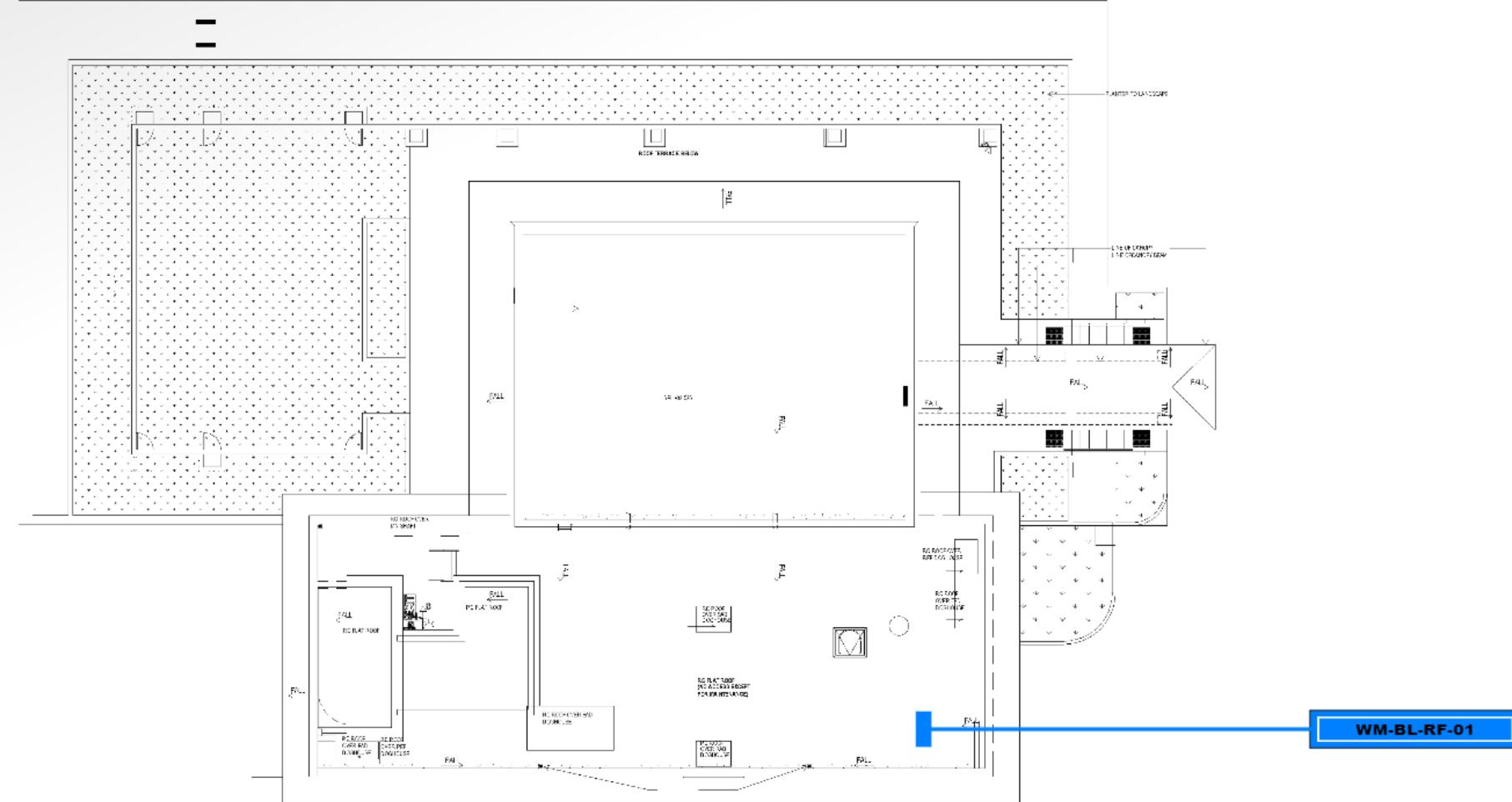


## BALLROOM - ROOF



- BMS PANEL
- MV FAN
- ELECTRICAL
- PLUMBING

## **BALLROOM - ROOF**

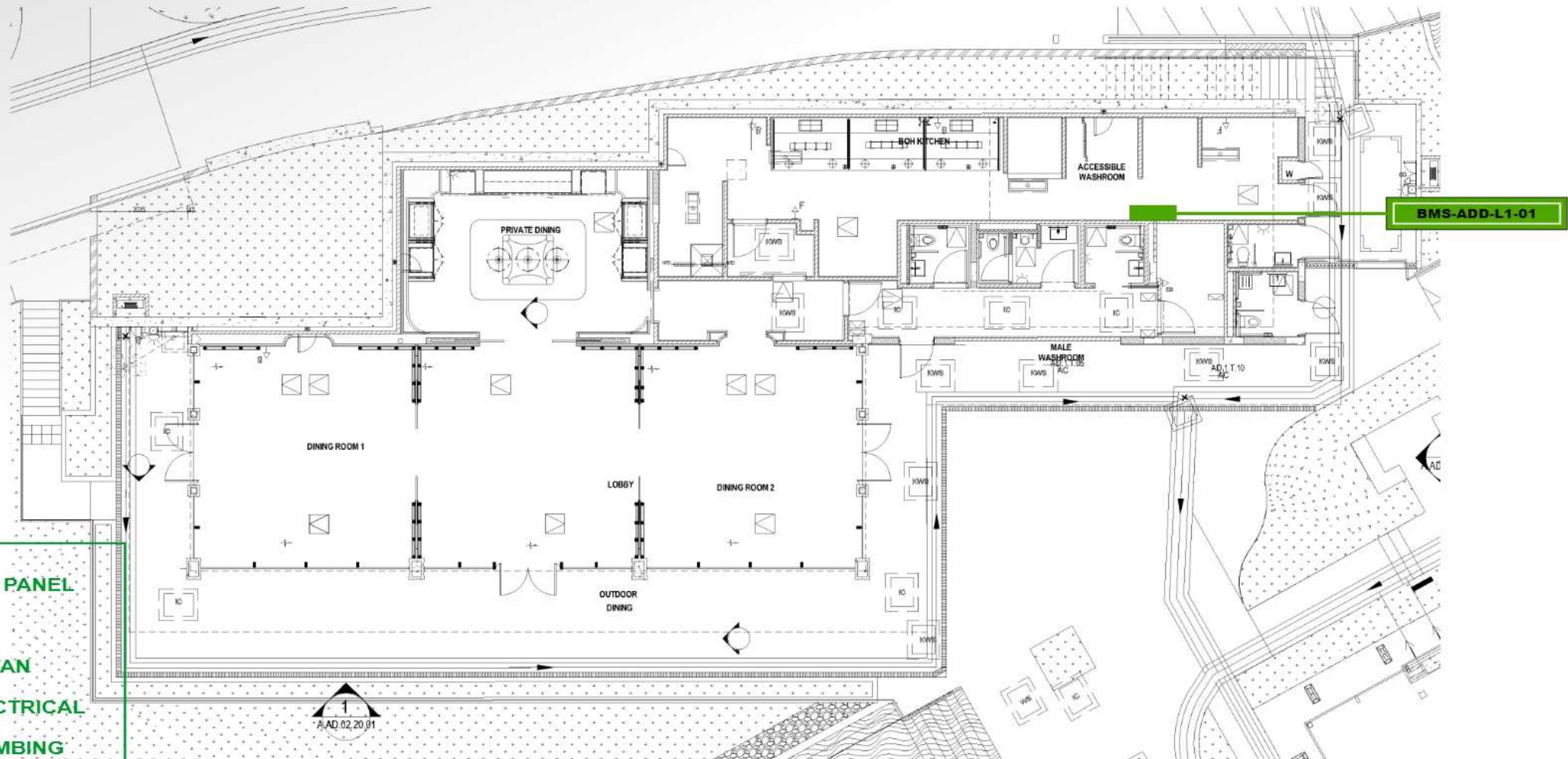


-  BMS PANEL
  -  MV FAN
  -  ELECTRICAL
  -  PLUMBING

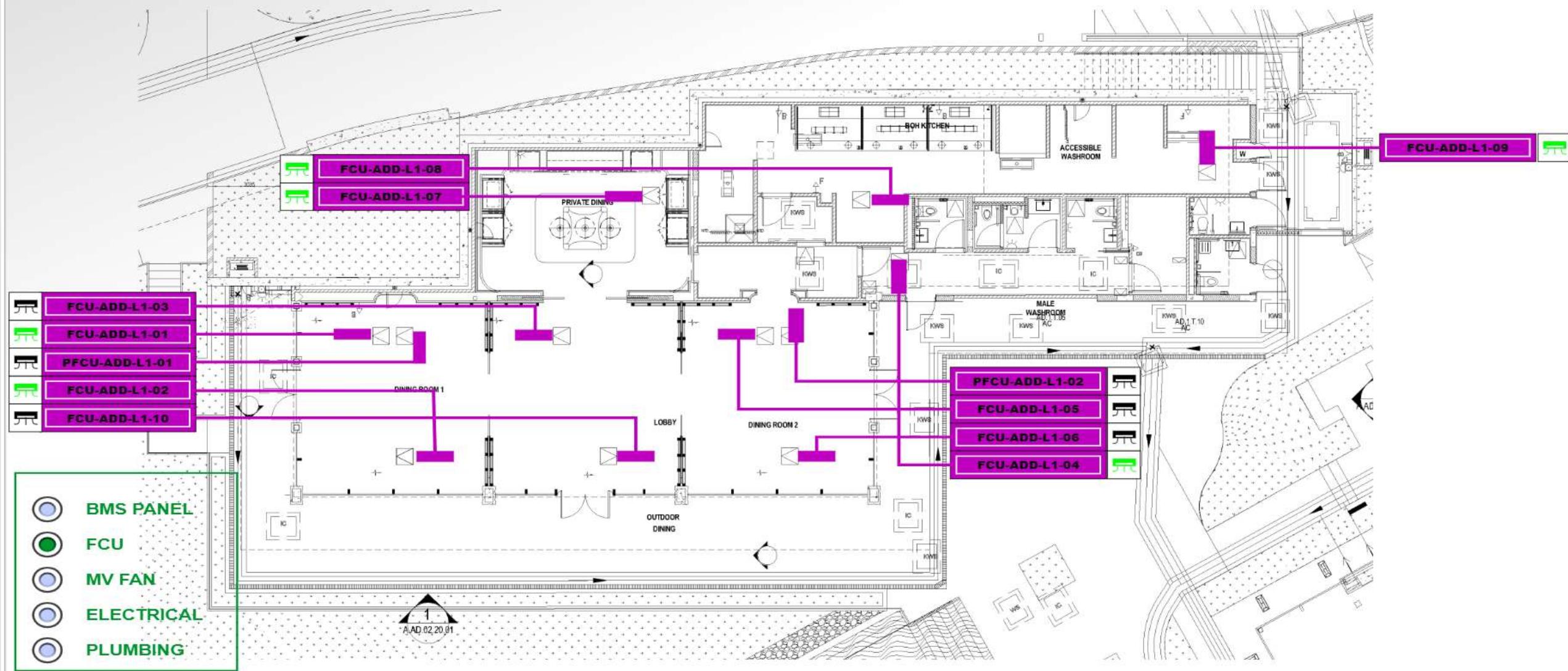


**ADD FLOOR PLAN**

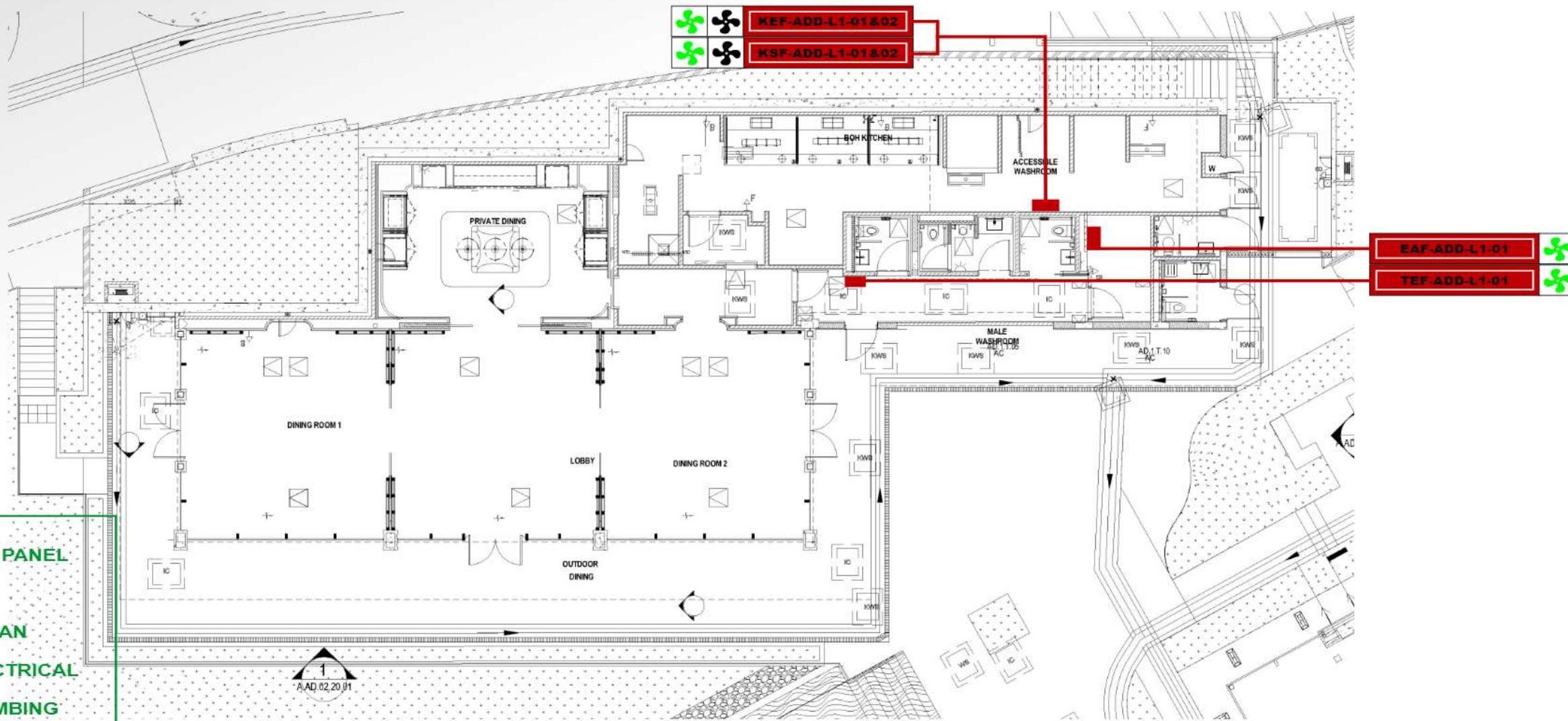
## ALL DAY DINING



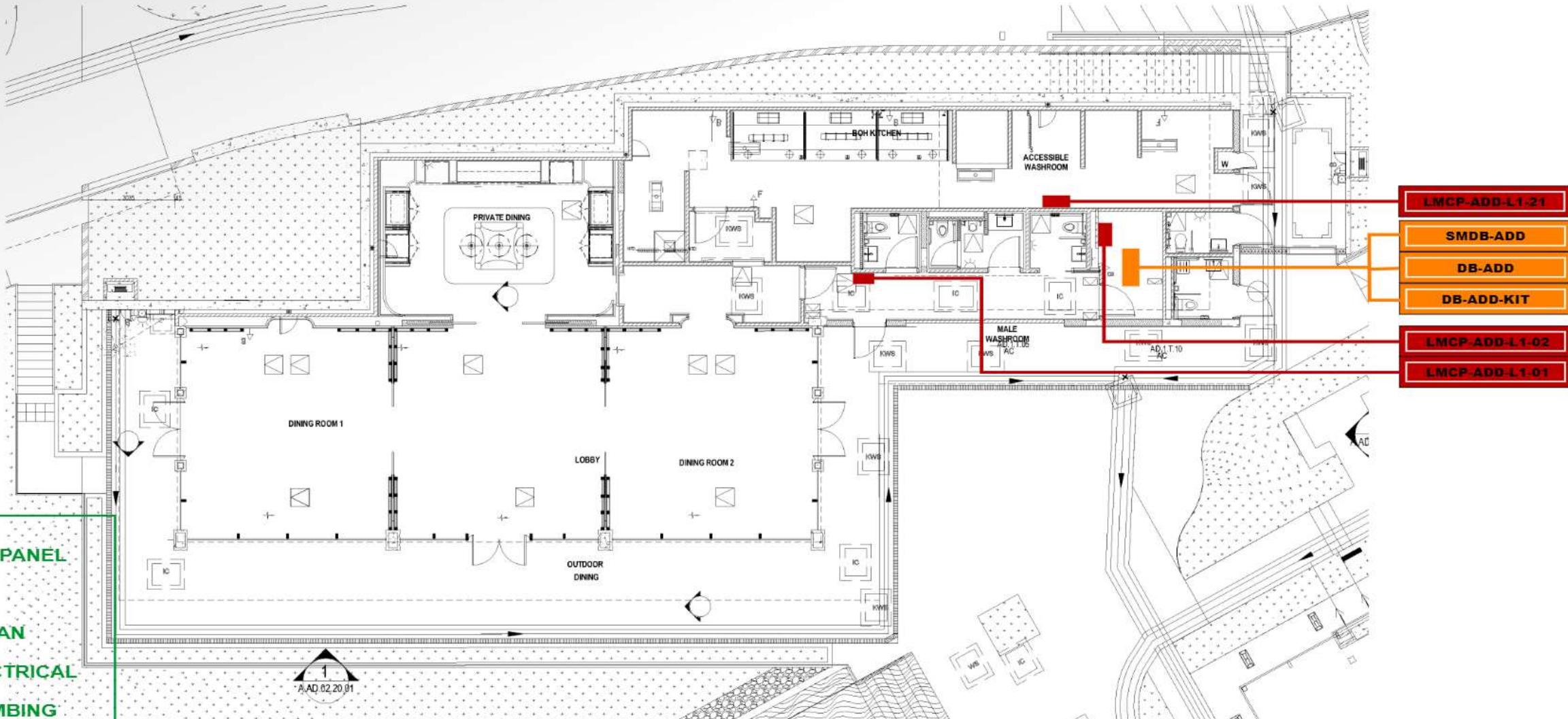
## ALL DAY DINING



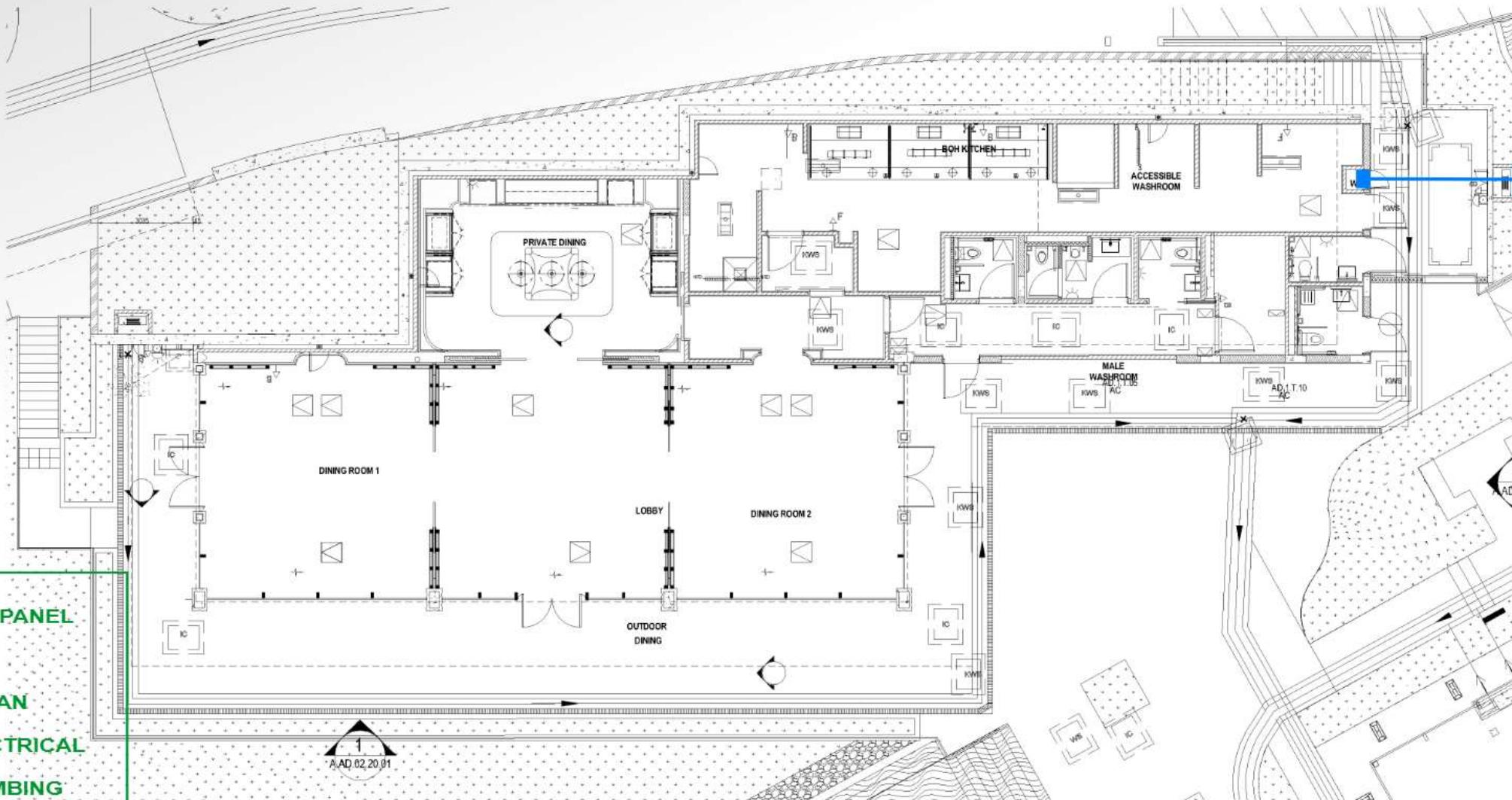
## ALL DAY DINING



## ALL DAY DINING

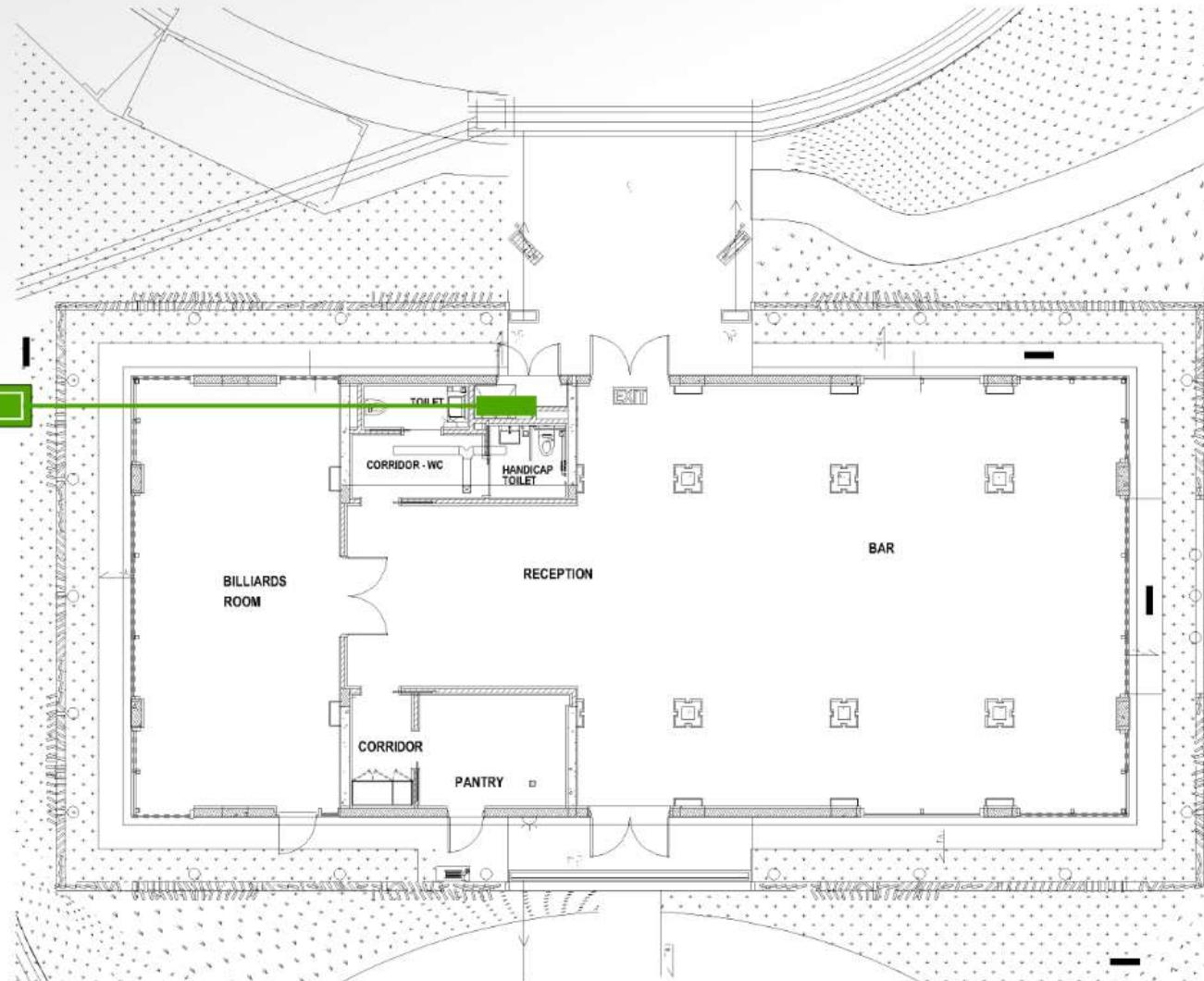


## ALL DAY DINING

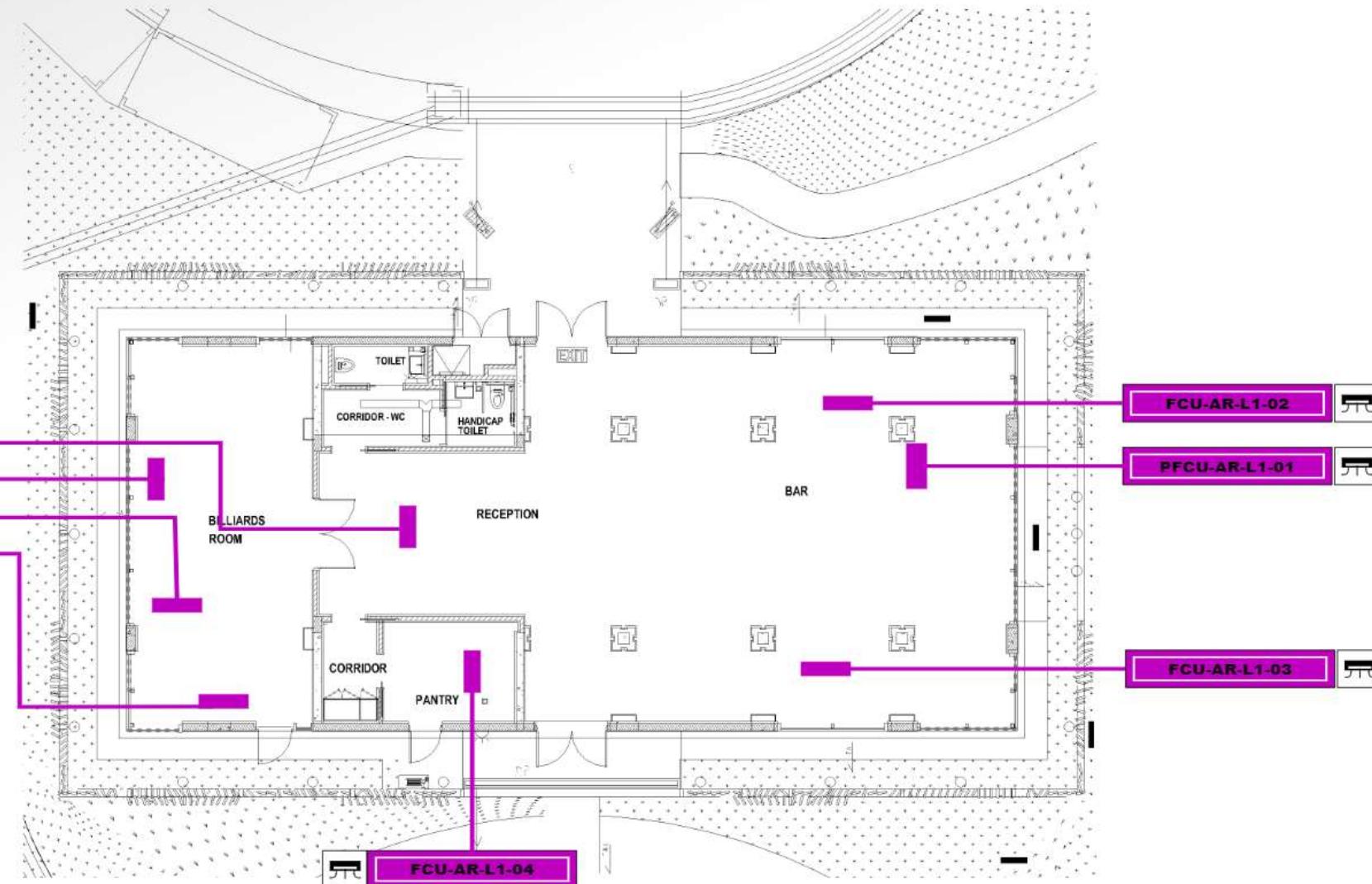


# ARRIVAL HALL FLOOR PLAN

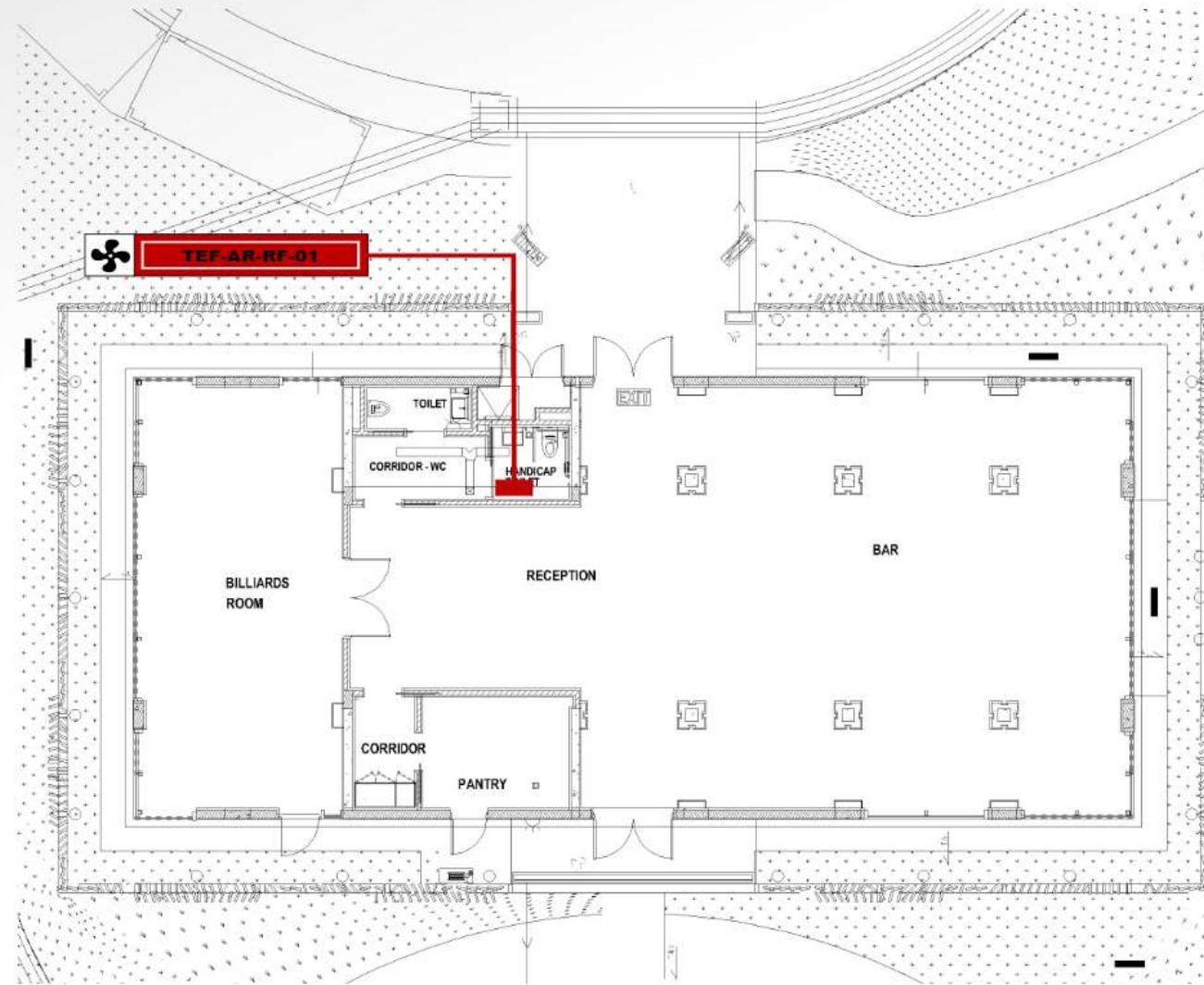
## ARRIVAL HALL



## ARRIVAL HALL

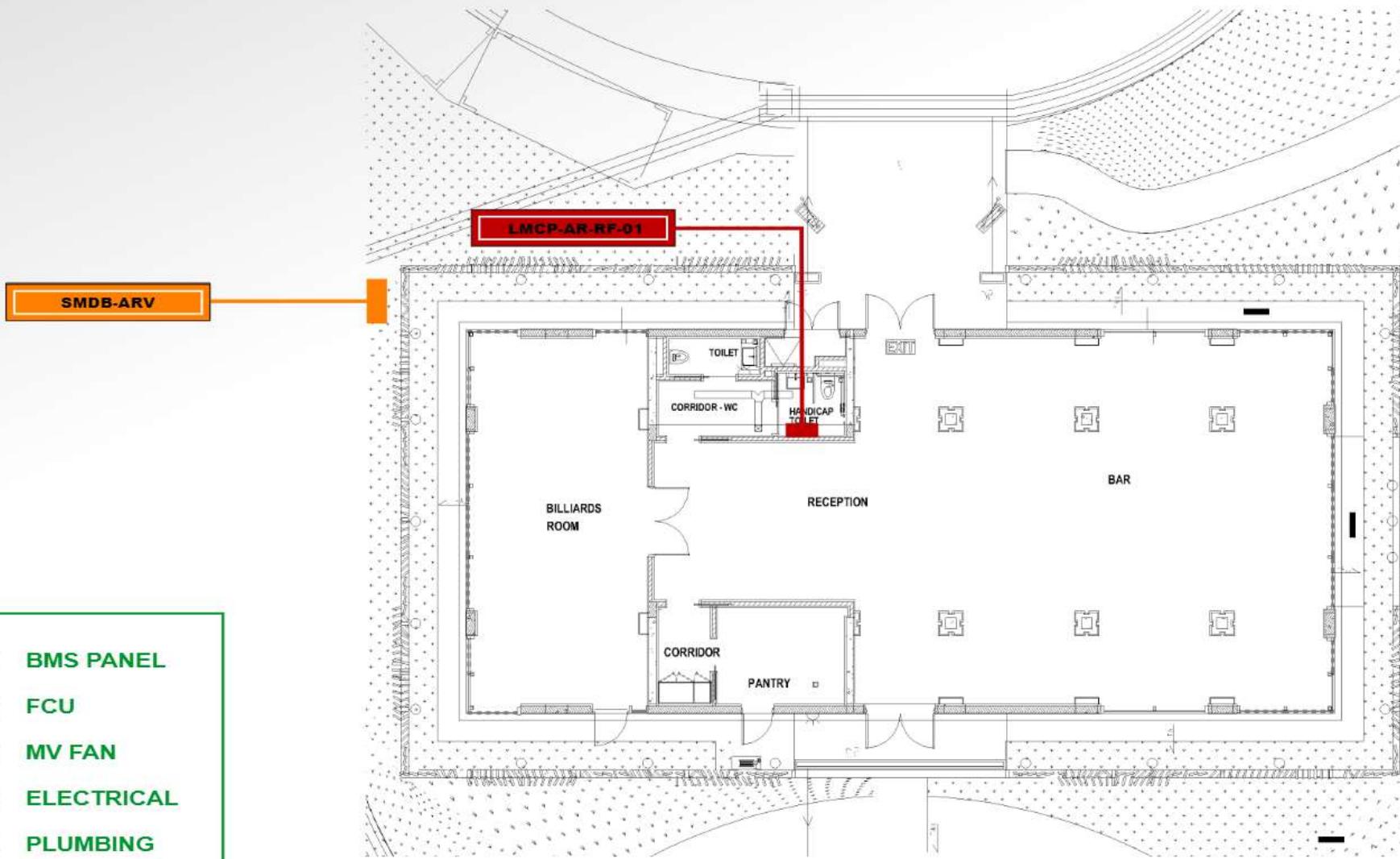


## ARRIVAL HALL

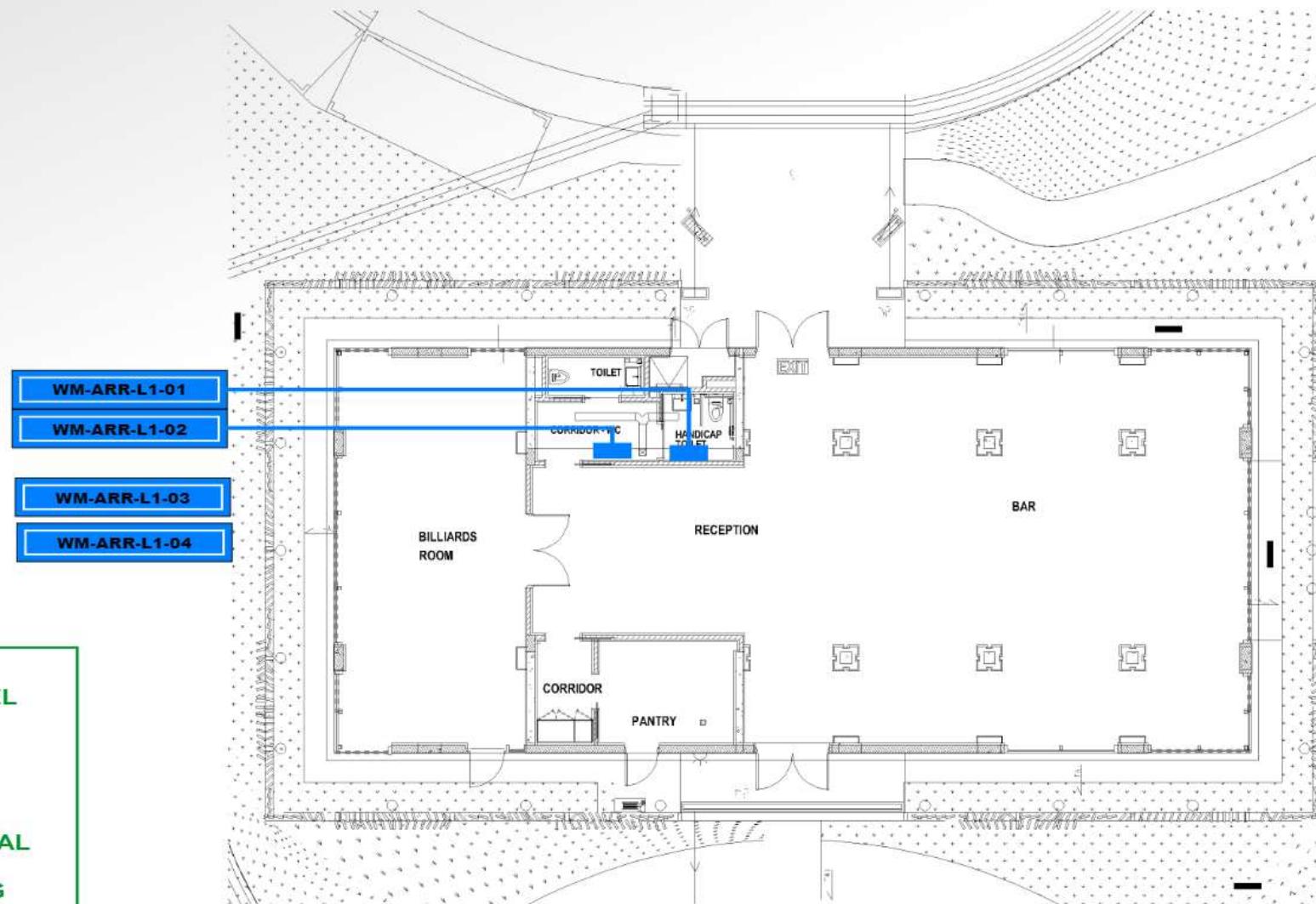


- BMS PANEL
- FCU
- MV FAN
- ELECTRICAL
- PLUMBING

## ARRIVAL HALL



## ARRIVAL HALL





# ACMV SERVICES



**ACMV SERVICES > AIRCOND**

## AIRCOND SUMMARY BOH

TREND	NAME	AREA SERVED	TIMER SCH	ERROR CODE	START/STOP COMMAND	ON/OFF STATUS	NORMAL/ALARM	TEMPERATURE SETPOINT	ROOM AIR TEMPERATURE
	FCU-BOH-B1-01	UNIFORM		1.0	STOP	OFF	NORMAL	24.0 °C	33.4 °C
	FCU-BOH-B1-02	HOUSEKEEPING		1.0	STOP	OFF	NORMAL	22.0 °C	33.5 °C
	FCU-BOH-B1-03	CLEAN LINEN		1.0	STOP	OFF	NORMAL	22.0 °C	33.1 °C
	FCU-BOH-B1-04	SOIL LINEN		1.0	STOP	OFF	NORMAL	22.0 °C	32.8 °C
	FCU-BOH-B1-05	PACK		1.0	STOP	OFF	NORMAL	24.0 °C	33.7 °C
	FCU-BOH-B1-06	COST CONTROL		1.0	STOP	OFF	NORMAL	22.0 °C	34.2 °C
	FCU-BOH-B1-07	RECEIVING		1.0	STOP	OFF	NORMAL	24.0 °C	33.3 °C
	FCU-BOH-B1-08	MDF		1.0	STOP	OFF	NORMAL	22.0 °C	29.8 °C
	FCU-BOH-B1-09	CORRIDOR		1.0	STOP	OFF	NORMAL	24.0 °C	32.8 °C
	FCU-BOH-B1-10	CORRIDOR		1.0	STOP	OFF	NORMAL	23.0 °C	29.2 °C
	FCU-BOH-B1-13	DISHWASHING		1.0	STOP	OFF	NORMAL	22.0 °C	31.9 °C
	FCU-BOH-B1-14	STAFF CAFETARIA		1.0	STOP	OFF	NORMAL	25.0 °C	31.0 °C
	FCU-BOH-B1-15	STAFF CAFETARIA		1.0	STOP	OFF	NORMAL	22.0 °C	31.7 °C
	FCU-BOH-B1-16	PREPARATION KITCHEN		1.0	STOP	OFF	NORMAL	24.0 °C	39.1 °C
	FCU-BOH-B1-17	ENGINEERING STORAGE		1.0	STOP	OFF	NORMAL	22.0 °C	33.8 °C
	FCU-BOH-B1-18	ENGINEERING WORKSHOP		1.0	STOP	OFF	NORMAL	22.0 °C	33.4 °C
	FCU-BOH-B1-19	OFFICE		1.0	STOP	OFF	NORMAL	26.0 °C	32.1 °C



## AIRCOND SUMMARY BOH &amp; BL

Trend	NAME	AREA SERVED	TIMER SCH	ERROR CODE	START/STOP COMMAND	ON/OFF STATUS	NORMAL/ALARM	TEMPERATURE SETPOINT	ROOM AIR TEMPERATURE
	FCU-BOH-B1-20	STORE		1.0	STOP	ON	NORMAL	22.0 °C	21.1 °C
	FCU-BOH-B1-21	LUGGAGE ROOM		1.0	STOP	OFF	NORMAL	22.0 °C	34.6 °C
	FCU-BOH-B1-11	SECURITY		1.0	STOP	OFF	NORMAL	24.0 °C	32.2 °C
	FCU-BOH-B1-12-1	SERVER ROOM(DUTY)		1.0	START	ON	NORMAL	22.0 °C	21.9 °C
	FCU-BOH-B1-12-2	SERVER ROOM(STANDBY)		1.0	STOP	OFF	NORMAL	22.0 °C	23.3 °C
	PFCU-BOH-B1-01	BOH OFFICE		1.0	STOP	OFF	NORMAL	16.0 °C	29.0 °C
	FCU-BOH-B1-22-1	FCC(DUTY)		1.0	START	ON	NORMAL	28.0 °C	27.5 °C
	FCU-BOH-B1-22-2	FCC(STANDBY)		1.0	STOP	OFF	NORMAL	28.0 °C	29.5 °C
	FCU-BL-L1-01	BL.1.F.01-BALLROOM		1.0	STOP	OFF	NORMAL	24.0 °C	31.1 °C
	FCU-BL-L1-02	BL.1.F.01-BALLROOM		1.0	START	OFF	NORMAL	24.0 °C	0.0 °C
	FCU-BL-L1-03	BL.1.F.01-BALLROOM		1.0	STOP	OFF	NORMAL	24.0 °C	30.6 °C
	FCU-BL-L1-04	BL.1.F.01-BALLROOM		1.0	STOP	OFF	NORMAL	24.0 °C	31.1 °C
	FCU-BL-L1-05	BL.1.F.02-PREFUNCTION LOBBY		1.0	STOP	OFF	NORMAL	24.0 °C	29.6 °C
	FCU-BL-L1-06	BL.1.F.02-PREFUNCTION LOBBY		1.0	STOP	OFF	NORMAL	24.0 °C	28.8 °C
	FCU-BL-L1-07	BL.1.F.03-MEETING RM 1		1.0	STOP	OFF	NORMAL	24.0 °C	29.3 °C
	FCU-BL-L1-08	BL.1.F.03-MEETING RM 1		1.0	STOP	OFF	NORMAL	24.0 °C	29.9 °C
	FCU-BL-L1-09	BL.1.C.01-CORRIDOR-1		1.0	STOP	OFF	NORMAL	19.0 °C	30.2 °C

## AIRCOND SUMMARY BL &amp; AR

TREND	NAME	AREA SERVED	TIMER SCH	ERROR CODE	START/STOP COMMAND	ON/OFF STATUS	NORMAL/ALARM	TEMPERATURE SETPOINT	ROOM AIR TEMPERATURE
	FCU-BL-L1-10	BL.1.C.02-LIFT LOBBY		1.0	STOP	OFF	NORMAL	19.0 °C	30.2 °C
	FCU-BL-L1-11	BL.1.C.04-FEATURE STAIRCASE		1.0	STOP	OFF	NORMAL	19.0 °C	30.4 °C
	FCU-BL-L1-12-1	BL.1.M.01-BOH KITCHEN		1.0	STOP	OFF	NORMAL	22.0 °C	31.1 °C
	FCU-BL-L1-12-2	BL.1.M.01-BOH KITCHEN		1.0	STOP	OFF	NORMAL	22.0 °C	30.4 °C
	FCU-BL-L1-12-3	BL.1.M.01-BOH KITCHEN		1.0	STOP	OFF	NORMAL	22.0 °C	30.5 °C
	FCU-BUT4-L1M-01	BULTER STATION 4		.....	.....	.....	.....	.....	.....
	FCU-BUT4-L1M-02	BL.1.F.01-BALLROOM		.....	.....	.....	.....	.....	.....
	FCU-BL-L2-13	BL.2.C.03-JR BALLROOM		1.0	STOP	ON	NORMAL	26.0 °C	28.1 °C
	FCU-BL-L2-14	BL.2.C.03-JR BALLROOM		1.0	STOP	ON	NORMAL	25.0 °C	28.0 °C
	FCU-BL-L2-15	BL.1.M.M.10-JR BALLROOM REFUNCTION		1.0	STOP	ON	NORMAL	25.0 °C	29.2 °C
	PFCU-BL-L1-01	BL.1.F.01-BALLROOM		1.0	STOP	OFF	NORMAL	24.0 °C	28.2 °C
	PFCU-BL-L1-02	BL.1.F.01-BALLROOM		1.0	STOP	OFF	NORMAL	24.0 °C	28.0 °C
	PFCU-BL-L1-03	BL.1.F.02-PREFUNCTION LOBBY		1.0	STOP	OFF	NORMAL	24.0 °C	28.3 °C
	PFCU-BL-L2-04	BL.2.C.03-JR BALLROOM		1.0	STOP	OFF	NORMAL	22.0 °C	29.1 °C
	FCU-BL-L2-16	BL.2.C.03-JR BALLROOM		1.0	STOP	ON	NORMAL	25.0 °C	28.1 °C
	FCU-AR-L1-01	AR,F.01 BAR		1.0	STOP	OFF	NORMAL	25.0 °C	28.8 °C
	FCU-AR-L1-02	AR,F.01 BAR		1.0	STOP	OFF	NORMAL	25.0 °C	28.3 °C



## AIRCOND SUMMARY AR &amp; SR

Trend	NAME	AREA SERVED	TIMER SCH	ERROR CODE	START/STOP COMMAND	ON/OFF STATUS	NORMAL/ALARM	TEMPERATURE SETPOINT	ROOM AIR TEMPERATURE
	FCU-AR-L1-03	AR.F.01 BAR		1.0	STOP	OFF	NORMAL	23.0 °C	28.1 °C
	FCU-AR-L1-04	AR.F.04 PANTRY		1.0	STOP	OFF	NORMAL	23.0 °C	28.4 °C
	FCU-AR-L1-05	AR.F.05 BILLARD		1.0	STOP	OFF	NORMAL	22.0 °C	29.8 °C
	FCU-AR-L1-06	AR.F.05 BILLARD		1.0	STOP	OFF	NORMAL	22.0 °C	30.0 °C
	PFCU-AR-L1-01	AR.F.01 BAR/AR.F.04-OFFICE		1.0	STOP	OFF	NORMAL	23.0 °C	29.4 °C
	PFCU-AR-L1-02	BILLIARD ROOM		1.0	STOP	OFF	NORMAL	25.0 °C	29.0 °C
	FCU-SR-L1-01	MAIN DINNING/PRIVATE DINNING 2		....	....	....	....	....	....
	FCU-SR-L1-02	MAIN DINNING/PRIVATE DINNING 2		....	....	....	....	....	....
	FCU-SR-L1-03	MAIN DINNING/PRIVATE DINNING 2		....	....	....	....	....	....
	FCU-SR-L1-04	PRIVATE DINNING-1		....	....	....	....	....	....
	FCU-SR-L1-05	KITCHEN		....	....	....	....	....	....
	FCU-SR-L1-06	RESTAURANT-1		....	....	....	....	....	....
	FCU-SR-L1-07	RESTAURANT-1		....	....	....	....	....	....
	FCU-SR-L1-08	LOBBY		....	....	....	....	....	....
	FCU-SR-L1-09	LOBBY		....	....	....	....	....	....
	FCU-SR-L1-10	LIFT LOBBY		....	....	....	....	....	....
	FCU-SR-L1-11	CORRIDOR		....	....	....	....	....	....



# AIRCOND SUMMARY SR & ADD



**ACMV SERVICES > MVFAN**

# MV FAN SUMMARY - BOH PAGE 01

Trend	PANEL NAME	FAN NAME	AREA SERVED	TIMER SCH	LOCAL/BMS	START/STOP COMMAND	ON/OFF STATUS	NORMAL/TRIP	VSD CONTROL	VSD FEEDBACK
	LMCP-BOH-L1-02E	FAF-BOH-L1-02_01	BOH-STAIR 2		BMS		ON	NORMAL		
	LMCP-BOH-L1-02E	FAF-BOH-L1-02_02	BOH-STAIR 2		BMS		OFF	NORMAL		
	LMCP-BOH-B1-03E	EAF-BOH-B1-03_01	HYDRANT/SPRINKLER PUMP ROOM		BMS		ON	NORMAL		
	LMCP-BOH-B1-03E	FAF-BOH-B1-03_01			BMS		ON	NORMAL		
	LMCP-BOH-B1-03E	EAF-BOH-B1-03_02	HYDRANT/SPRINKLER PUMP ROOM		BMS		OFF	NORMAL		
	LMCP-BOH-B1-03E	FAF-BOH-B1-03_02			BMS		OFF	NORMAL		
	LMCP-BOH-B1-05	EAF-BOH-B1-05	BIN CENTRE		BMS		OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-05	FAF-BOH-B1-05			BMS		OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-06	EAF-BOH-B1-06	CONSUMER HT ROOM		BMS		ON	NORMAL	0.0 Hz	30.0 Hz
	LMCP-BOH-B1-06	FAF-BOH-B1-06			BMS		ON	NORMAL	0.0 Hz	30.0 Hz
	LMCP-BOH-B1-10	EAF-BOH-B1-10	PREP.KITCHEN/DISWASHING		BMS		OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-10	FAF-BOH-B1-10			BMS		OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-11E	EAF-BOH-B1-11A	CHILLER PLANT ROOM		BMS		ON	NORMAL	0.0 Hz	30.0 Hz
	LMCP-BOH-B1-11E	FAF-BOH-B1-11A			BMS		ON	NORMAL	0.0 Hz	30.0 Hz
	LMCP-BOH-B1-11E	EAF-BOH-B1-11B	CHILLER PLANT ROOM		BMS		OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-11E	FAF-BOH-B1-11B			BMS		OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-17	EAF-BOH-B1-17_1	CAR PARK-Z2		BMS		OFF	NORMAL	0.0 Hz	0.0 Hz



## MV FAN SUMMARY - BOH PAGE 02

Trend	PANEL NAME	FAN NAME	AREA SERVED	TIMER SCH	LOCAL/BMS	START/STOP COMMAND	ON/OFF STATUS	NORMAL/TRIP	VSD CONTROL	VSD FEEDBACK
	LMCP-BOH-B1-17E	EAF-BOH-B1-17_02	CAR PARK-Z2		BMS	F START	ON	NORMAL	0.0 Hz	30.0 Hz
	LMCP-BOH-L1-01E	FAF-BOH-L1-01_01	BOH-STAIR 1 (DUTY)		BMS	STOP	OFF	NORMAL		
	LMCP-BOH-L1-01E	FAF-BOH-L1-01_02	BOH-STAIR 1 (STANDBY)		BMS	STOP	OFF	NORMAL		
	LMCP-BOH-B1-08E	EAF-BOH-B1-08_01	ESCS CORRIDOR (DUTY)		BMS	STOP	OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-08E	EAF-BOH-B1-08_02	ESCS CORRIDOR (STANDBY)		BMS	STOP	OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-16E	EAF-BOH-B1-16_01	CAR PARK-Z1		BMS	START	ON	NORMAL	0.0 Hz	29.0 Hz
	LMCP-BOH-B1-16E	EAF-BOH-B1-16_02	CAR PARK-Z1		BMS	STOP	OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-01	EAF-BOH-B1-01_01	TRANSFORMER ROOM		BMS	F START	ON	NORMAL	0.0 Hz	35.0 Hz
	LMCP-BOH-B1-01	FAF-BOH-B1-01_01			BMS	F START	ON	NORMAL	0.0 Hz	35.0 Hz
	LMCP-BOH-B1-01	EAF-BOH-B1-01_02	TRANSFORMER ROOM		BMS	F STOP	OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-01	FAF-BOH-B1-01_02			BMS	F STOP	OFF	NORMAL	0.0 Hz	0.0 Hz
	LMCP-BOH-B1-04	EAF-BOH-B1-04	DOMESTIC WATER PUMP ROOM		LOCAL	F STOP	OFF	NORMAL		
	LMCP-BOH-B1-04	FAF-BOH-B1-04			BMS	F STOP	OFF	NORMAL		
	LMCP-BOH-B1-07	EAF-BOH-B1-07	CARPENTRY WORKSHOP		BMS	F STOP	OFF	NORMAL		
	LMCP-BOH-B1-07	FAF-BOH-B1-07			BMS	STOP	OFF	NORMAL		
	LMCP-BOH-B1-13E	FAF-BOH-B1-13_01	SMOKE STOP LOBBY (DUTY)		BMS	STOP	OFF	NORMAL		
	LMCP-BOH-B1-13E	FAF-BOH-B1-13_02	SMOKE STOP LOBBY(STANDBY)		BMS	F START	ON	NORMAL		



Schneider Electric

# MV FAN SUMMARY - BOH PAGE 03

# MV FAN SUMMARY - BL

Trend	PANEL NAME	FAN NAME	AREA SERVED	TIMER SCH	LOCAL/BMS	START/STOP COMMAND	ON/OFF STATUS	NORMAL/TRIP	VSD CONTROL	VSD FEEDBACK
	LMCP-BL-RF-21	KEF-BL-RF-01	KITCHEN		BMS		ON	NORMAL	40.0 Hz	40.0 Hz
	LMCP-BL-L1-22	KSF-BL-L1-01	KITCHEN		BMS		ON	NORMAL	35.0 Hz	35.0 Hz
	LMCP-BL-RF-21	KEF-BL-RF-02	KITCHEN		BMS		OFF	NORMAL	45.0 Hz	0.0 Hz
	LMCP-BL-L1-22	KSF-BL-L1-02	KITCHEN		BMS		ON	NORMAL	40.0 Hz	40.0 Hz
	LMCP-BL-RF-01	TEF-BL-RF-01	TOILET(FEMALE/HCP)		BMS		OFF	NORMAL		
	LMCP-BL-L1-10	FAF-BL-L1-03	CORRIDOR 1		LOCAL		OFF	NORMAL		
	LMCP-BL-RF-11	FAF-BL-L1-04	LV ROOM		BMS		OFF	NORMAL		
	LMCP-BL-L1-12	FAF-BL-L1-05	CORRIDOR & LIFT LOBBY		BMS		OFF	NORMAL		
	LMCP-BL-L2-02	TEF-BL-L2-02	FEMALE TOILET		BMS		OFF	NORMAL		
	LMCP-BL-L2-03	TEF-BL-L2-03	MALE TOILET/JANITOR		BMS		OFF	NORMAL		
	LMCP-BL-L2-04	TEF-BL-L2-04	MALE/FEMALE TOILET		BMS		OFF	NORMAL		
	LMCP-BL-RF-05	EAF-BL-RF-01	STORGE ELV		LOCAL		OFF	NORMAL		
	LMCP-BL-RF-02	EAF-BL-RF-02	LV ROOM		BMS		OFF	NORMAL		
	LMCP-BL-RF-08E	FAF-BL-RF-01-01	STAIR 1 (DUTY)		BMS		OFF	NORMAL		
	LMCP-BL-RF-08E	FAF-BL-RF-01-02	STAIR 1 (STANDBY)		BMS		OFF	NORMAL		
	LMCP-BL-RF-09E	FAF-BL-RF-02-01	EVAC/SERVICE LOBBY (DUTY)		BMS		OFF	NORMAL		
	LMCP-BL-RF-09E	FAF-BL-RF-02-02	EVAC/SERVICE LOBBY(STANDBY)		BMS		OFF	NORMAL		



# MV FAN SUMMARY - ADD,AR,MSP,ER,EXW

Trend	PANEL NAME	FAN NAME	AREA SERVED	TIMER SCH	LOCAL/BMS	START/STOP COMMAND	ON/OFF STATUS	NORMAL/TRIP	VSD CONTROL	VSD FEEDBACK
	LMCP-ADD-L1-01	TEF-ADD-L1-01	TOILET		BMS	STOP	ON	NORMAL		
	LMCP-ADD-L1-02	EAF-ADD-L1-01	ELECTRICAL ROOM		BMS	F START	ON	NORMAL		
	LMCP-ADD-L1-21	KEF-ADD-L1-01	KITCHEN		BMS	STOP	OFF	NORMAL	35.0 Hz	0.0 Hz
	LMCP-ADD-L1-21	KSF-ADD-L1-01			BMS	STOP	OFF	NORMAL	35.0 Hz	0.0 Hz
	LMCP-ADD-L1-21	KEF-ADD-L1-02	KITCHEN		BMS	F START	ON	NORMAL	40.0 Hz	40.0 Hz
	LMCP-ADD-L1-21	KSF-ADD-L1-02			BMS	F START	ON	NORMAL	45.0 Hz	45.0 Hz
	LMCP-AR-RF-01	TEF-AR-RF-01	TOILET		BMS	STOP	OFF	NORMAL		
	LMCP-MSP-B1-01	FAF-MSP-B1-01	SP & RAIN WATER PUMP ROOM		BMS	F START	OFF	NORMAL		
	LMCP-MSP-B1-01	EAF-MSP-B1-01	SP & RAIN WATER PUMP ROOM		BMS	STOP	OFF	ALARM		
	LMCP-ER-L1-01	FAF-ER-L1-01	.....		.....	STOP	....	....		
	LMCP-ER-L1-01	EAF-ER-L1-01	.....		.....	STOP	....	....		
	LMCP-EXW-L1-01E	FAF-EXW-L1-01_01	MSB-3		BMS	STOP	ON	NORMAL	30.0 Hz	30.0 Hz
	LMCP-EXW-L1-01E	FAF-EXW-L1-01_01	MSB-3		BMS	STOP	ON	NORMAL	30.0 Hz	30.0 Hz
	LMCP-EXW-L1-01E	FAF-EXW-L1-01_02	MSB-3		BMS	F START	OFF	NORMAL	30.0 Hz	0.0 Hz
	LMCP-EXW-L1-01E	FAF-EXW-L1-01_02	MSB-3		BMS	F START	OFF	NORMAL	30.0 Hz	0.0 Hz



**ACMV SERVICES > CARPARK**

# CARPARK - ZONE 1

ZONE-1	CO READING	CO SETPOINT	HIGH SPEED VSD SETPOINT	LOW SPEED VSD SETPOINT	HIGH/LOW SPEED STATUS
CO-3	0.0 ppm	25.0 ppm	50.0 Hz	30.0 Hz	LOW
CO-4	0.0 ppm				

Trend	PANEL NAME	FAN NAME	TIMER SCH	LOCAL/BMS	START/STOP COMMAND	ON/OFF STATUS	NORMAL/TRIP	VSD FEEDBACK
	LMCP-BOH-B1-16E	EAF-BOH-B1-16_01		BMS		ON	NORMAL	29.0 Hz
	LMCP-BOH-B1-16E	EAF-BOH-B1-16_02		BMS		OFF	NORMAL	0.0 Hz
	LMCP-BOH-B1-18	JF-BOH-B1-18-01		BMS		ON	NORMAL	
	LMCP-BOH-B1-18	JF-BOH-B1-18-02		BMS		ON	NORMAL	



# CARPARK ZONE-2

ZONE-1	CO READING	CO SETPOINT	HIGH SPEED VSD SETPOINT	LOW SPEED VSD SETPOINT	HIGH/LOW SPEED STATUS
CO-1	0.0 ppm	25.0 ppm	50.0 Hz	30.0 Hz	LOW
CO-2	0.0 ppm				

Trend	PANEL NAME	FAN NAME	TIMER SCH	LOCAL/ BMS	START/STOP COMMAND	ON/OFF STATUS	NORMAL/ TRIP	VSD FEEDBACK
	LMCP-BOH-B1-17E	EAF-BOH-B1-17_01		BMS	STOP	OFF	NORMAL	0.0 Hz
	LMCP-BOH-B1-17E	EAF-BOH-B1-17_02		BMS	START	ON	NORMAL	30.0 Hz
	LMCP-BOH-B1-19	JF-BOH-B1-19-01		BMS		ON	NORMAL	
	LMCP-BOH-B1-19	JF-BOH-B1-19-02		BMS		ON	NORMAL	

# ELECTRICAL SYSTEM

## BOH - 22KV SWITCHGEAR



SSPG INCOMING-1

Meter Reading **3881131.3 kWh**

Last Month Energy Usage	<b>22024 V</b>	Current A	<b>19.3 A</b>	Frequency	<b>50.0 Hz</b>
Real Power	<b>732322.1 kW</b>	Voltage A-B	<b>22041 V</b>	Current B	<b>20.4 A</b>
Power Factor	<b>0.0</b>	Voltage B-C	<b>22102 V</b>	Current C	<b>18.2 A</b>
		Voltage A-C			

SPPG INCOMING 1  
**1250A,22KV**STATUS  
**ON**  
TRIP  
**NORMAL**  
PILOT TRIP  
**NORMAL**

4000A

J05

SPPG INCOMING 2  
**1250A,22KV**STATUS  
**ON**  
TRIP  
**NORMAL**  
PILOT TRIP  
**NORMAL**

4000A

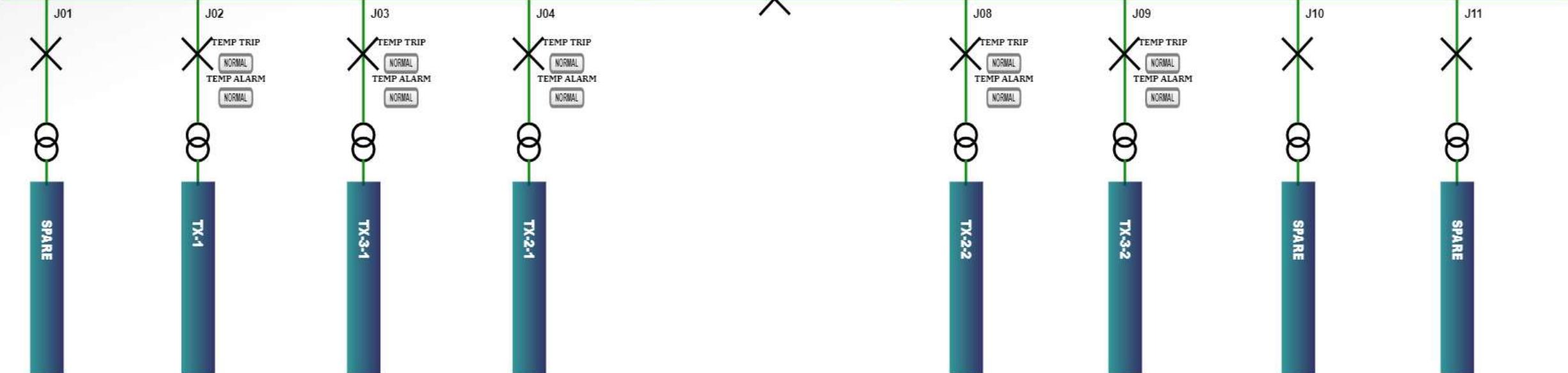
J07



SSPG INCOMING-2

Meter Reading **1310981.3 kWh**

Last Month Energy Usage	<b>21909 V</b>	Current A	<b>11.0 A</b>	Frequency	<b>50.0 Hz</b>
Real Power	<b>392292.3 kW</b>	Voltage A-B	<b>21999 V</b>	Current B	<b>11.1 A</b>
Power Factor	<b>0.0</b>	Voltage B-C		Current C	<b>9.6 A</b>
		Voltage A-C	<b>22017 V</b>		



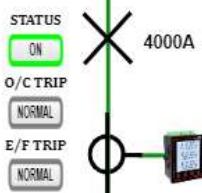
## BOH - MSB-2 BOARD



FROM TX-T2-1

Meter Reading **1427584.8 kWh**

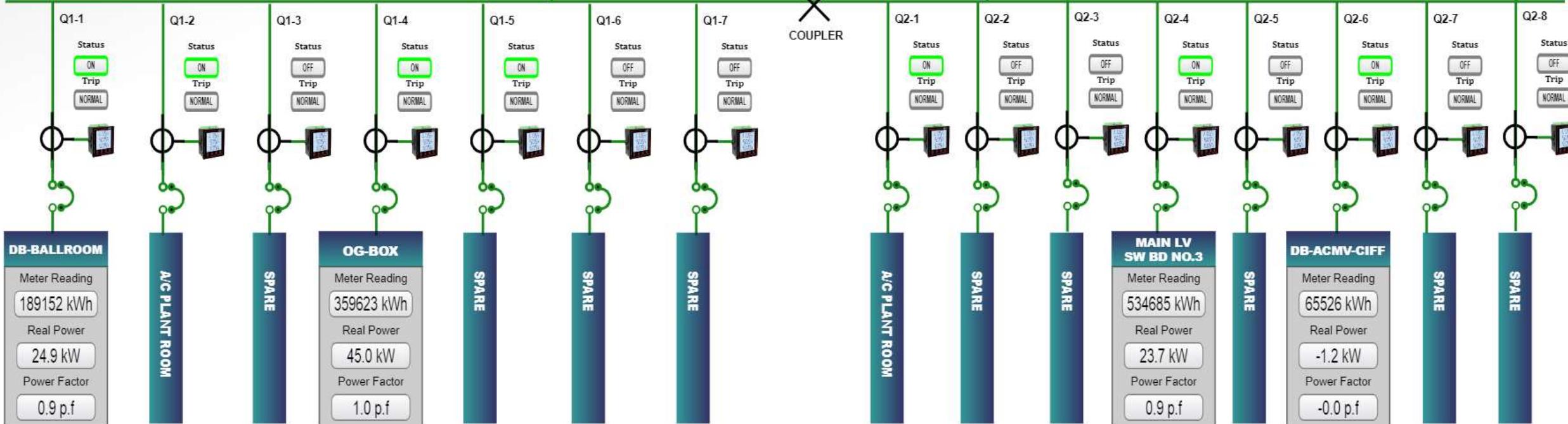
Last Month Energy Usage	<b>0.0 kWh</b>	Voltage A-B	<b>428.3 V</b>	Current A	<b>212.0 A</b>	Frequency	<b>50.0 Hz</b>
Real Power	<b>156.6 kW</b>	Voltage B-C	<b>429.3 V</b>	Current B	<b>222.4 A</b>		
Power Factor	<b>0.9</b>	Voltage A-C	<b>429.2 V</b>	Current C	<b>230.4 A</b>		

INCOMING  
2.5MVA 22KV/ 433V  
FROM TX-T2-1INCOMING  
2.5MVA 22KV/ 433V  
FROM TX-T2-2

FROM TX-T2-2

Meter Reading **1207980.0 kWh**

Last Month Energy Usage	<b>0.0 kWh</b>	Voltage A-B	<b>428.1 V</b>	Current A	<b>246.4 A</b>	Frequency	<b>50.0 Hz</b>
Real Power	<b>175.5 kW</b>	Voltage B-C	<b>429.2 V</b>	Current B	<b>254.4 A</b>		
Power Factor	<b>0.9</b>	Voltage A-C	<b>428.9 V</b>	Current C	<b>254.4 A</b>		



## BOH - MSB-3 BOARD



FROM TX-T3-1

Meter Reading **200156.0 kWh**

Last Month Energy Usage	<b>0.0 kWh</b>	Voltage A-B	<b>428.3 V</b>	Current A	<b>335.0 A</b>	Frequency	<b>50.0 Hz</b>
Real Power	<b>146.3 kW</b>	Voltage B-C	<b>429.7 V</b>	Current B	<b>144.5 A</b>		
		Voltage A-C	<b>429.2 V</b>	Current C	<b>135.5 A</b>		
Power Factor	<b>1.0</b>						

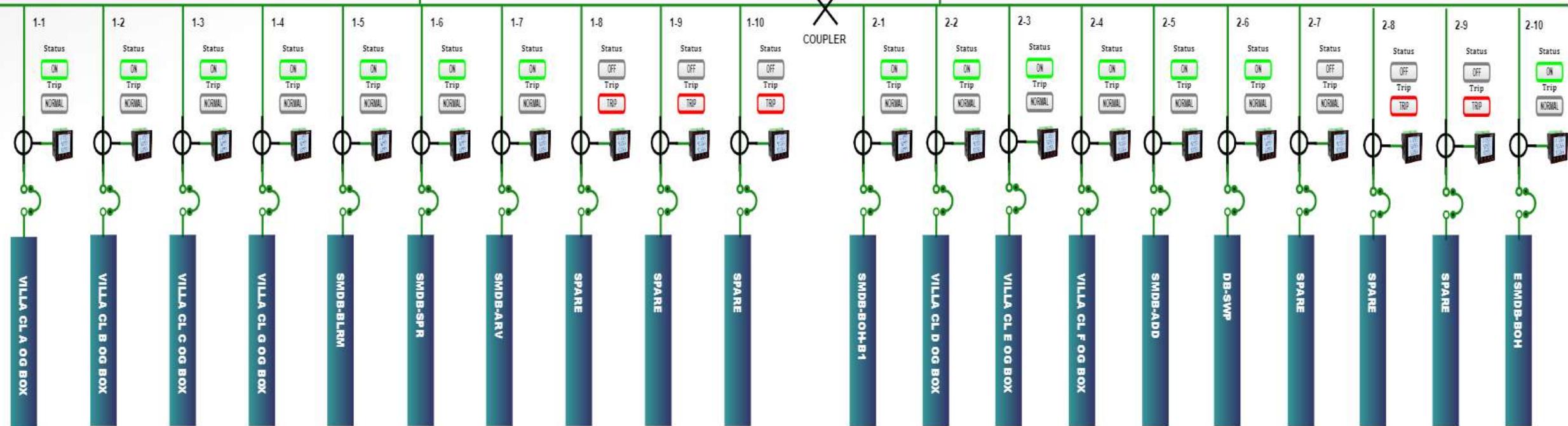
**INCOMING**  
**2.5MVA 22KV/ 433V**  
**FROM TX-T3-1**



FROM TX-T3-2

Meter Reading **172719.0 kWh**

Last Month Energy Usage	<b>0.0 kWh</b>	Voltage A-B	<b>427.9 V</b>	Current A	<b>374.0 A</b>	Frequency	<b>50.0 Hz</b>
Real Power	<b>196.1 kW</b>	Voltage B-C	<b>429.2 V</b>	Current B	<b>240.0 A</b>		
		Voltage A-C	<b>428.9 V</b>	Current C	<b>198.5 A</b>		
Power Factor	<b>1.0</b>						





# DIGITAL POWER METER SUMMARY - BL,AR,ADD,MSP

TREND	NAME	REAL POWER	ENERGY CONSUMPTION	LAST MONTH ENERGY CONSUMPTION	LOCATION
	SMDB-BLRM	38.6 Kw	60722.9 Kwh	0.0 Kwh	Ballroom Electrical Room
	DB-BLRM	2.6 Kw	4906.5 Kwh	0.0 Kwh	Ballroom Electrical Room
	DB-BLRM-MECH	27.0 Kw	37834.9 Kwh	0.0 Kwh	Ballroom Electrical Room
	DB-BLRM-KIT	0.7 Kw	683.1 Kwh	0.0 Kwh	Ballroom Electrical Room
	EDB-BLRM-KIT	4.0 Kw	3088.6 Kwh	0.0 Kwh	Ballroom Electrical Room
	SMDB-ARV	1.5 Kw	11839.9 Kwh	0.0 Kwh	OUTSIDE ARRIVAL HALL
	DB-ARRIVAL	1.5 Kw	3861.3 Kwh	0.0 Kwh	Electrical Riser
	DB-SWP	4.1 Kw	3509.3 Kwh	0.0 Kwh	MAIN SWIMMING POOL
	SMDB-ADD	34.8 Kw	21644.2 Kwh	0.0 Kwh	All Day Dining Electrical Room
	DB-ADD	1.6 Kw	2277.0 Kwh	0.0 Kwh	All Day Dining Electrical Room
	DB-ADD-KIT	1.7 Kw	1073.8 Kwh	0.0 Kwh	All Day Dining Electrical Room
	SMDB-SPR	....	....	....	Specialty Res. Electrical Room
	DB-SP	....	....	....	Specialty Res. Electrical Room



# DIGITAL POWER METER SUMMARY - BOH

TREND	NAME	REAL POWER	ENERGY CONSUMPTION	LAST MONTH ENERGY CONSUMPTION	LOCATION
	DB-UPS-SERVER	0.5 Kw	199.3 Kwh	0.0 Kwh	BOH SERVER ROOM
	DB-SERVER-N	0.5 Kw	350.2 Kwh	0.0 Kwh	BOH SERVER ROOM
	DB-BOH-KIT	0.1 Kw	46.3 Kwh	0.0 Kwh	BOH STORE
	DB-B1-CP	0.0 Kw	14.0 Kwh	0.0 Kwh	BOH STORE
	DB-BOH-B1-1	3.9 Kw	5789.3 Kwh	0.0 Kwh	BOH STORE
	DB-BOH-B1-2	1.6 Kw	2212.3 Kwh	0.0 Kwh	BOH STORE
	EDB-BOH-SEC	0.5 Kw	473.1 Kwh	0.0 Kwh	BOH STORE
	EDB-BOH-B1	2.8 Kw	3584.0 Kwh	0.0 Kwh	BOH STORE
	EDB-BOH-MV	11.5 Kw	6127.5 Kwh	0.0 Kwh	BOH STORE
	SMDB-BOH-B1	16.8 Kw	20284.0 Kwh	0.0 Kwh	BOH STORE
	EDB-FCC	1.5 Kw	1432.1 Kwh	0.0 Kwh	BOH FCC ROOM
	DB-BOH-MV	10.5 Kw	10424.6 Kwh	0.0 Kwh	BOH STORE



# MV FAN POWER METER SUMMARY - BOH

TREND	NAME	REAL POWER	ENERGY CONSUMPTION	LAST MONTH ENERGY CONSUMPTION	AREA SERVE
	LMCP-BOH-B1-03E	2.8 Kw	894.4 Kwh	0.0 Kwh	HYDRANT/SPRINKLER PUMP ROOM
	LMCP-BOH-B1-04	0.0 Kw	97.4 Kwh	0.0 Kwh	DOMESTIC WATER PUMP ROOM
	LMCP-BOH-B1-05	0.0 Kw	194.3 Kwh	0.0 Kwh	BIN CENTRE
	LMCP-BOH-B1-07	0.0 Kw	17.4 Kwh	0.0 Kwh	CARPENTRY WORKSHOP
	LMCP-BOH-B1-08E	0.0 Kw	69.2 Kwh	0.0 Kwh	ESCS CORIDOOR
	LMCP-BOH-B1-09	0.5 Kw	119.2 Kwh	0.0 Kwh	RAIN WATER PUMP ROOM
	LMCP-BOH-B1-10	0.0 Kw	200.6 Kwh	0.0 Kwh	PREP.KITCHEN/DISWASHING
	LMCP-BOH-B1-12	0.1 Kw	17.4 Kwh	0.0 Kwh	SOIL LINEN ROOM
	LMCP-BOH-B1-13E	0.2 Kw	89.0 Kwh	0.0 Kwh	SMOKE STOP LOBBY
	LMCP-BOH-B1-14E	0.1 Kw	73.3 Kwh	0.0 Kwh	SMOKE STOP LOBBY
	LMCP-BOH-B1-15E	0.1 Kw	55.8 Kwh	0.0 Kwh	BOH-FCC-ROOM
	LMCP-BOH-B1-16E	2.2 Kw	1018.6 Kwh	0.0 Kwh	CAR PARK - Z1
	LMCP-BOH-B1-17E	2.0 Kw	379.8 Kwh	0.0 Kwh	CAR PARK - Z2
	LMCP-BOH-B1-20	0.2 Kw	33.4 Kwh	0.0 Kwh	MALE & FEMALE & HCP TOILET
	LMCP-BOH-L1-02E	0.1 Kw	61.6 Kwh	0.0 Kwh	BOH-STAIR 2
	LMCP-BOH-L1-01E	0.0 Kw	86.4 Kwh	0.0 Kwh	BOH-STAIR 1

# MV FAN POWER METER SUMMARY - ADD,AR,MSP,EXW,BL

TREND	NAME	REAL POWER	ENERGY CONSUMPTION	LAST MONTH ENERGY CONSUMPTION	AREA SERVE
	LMCP-ADD-L1-01	0.0 Kw	21.2 Kwh	0.0 Kwh	TOILET
	LMCP-ADD-L1-02	0.1 Kw	59.1 Kwh	0.0 Kwh	ELECTRICAL ROOM
	LMCP-ADD-L1-21	4.3 Kw	765.8 Kwh	0.0 Kwh	KITCHEN
	LMCP-AR-RF-01	0.0 Kw	0.0 Kwh	0.0 Kwh	TOILET
	LMCP-MSP-B1-01	0.0 Kw	1.4 Kwh	0.0 Kwh	SP & RAIN WATER PUMP ROOM
	LMCP-ER-B1-01	.....	.....	.....	EJECTOR ROOM-NEAR VILLA 62
	LMCP-EXT-L1-01E	1.6 Kw	7203.2 Kwh	0.0 Kwh	MSB-3
	LMCP-BL-L1-10	0.0 Kw	0.0 Kwh	0.0 Kwh	CORRIDOR 1
	LMCP-BL-L1-11	0.0 Kw	0.0 Kwh	0.0 Kwh	LV ROOM
	LMCP-BL-L1-12	0.0 Kw	0.0 Kwh	0.0 Kwh	CORRIDOR & LIFT LOBBY
	LMCP-BL-L1-22	0.0 Kw	0.0 Kwh	0.0 Kwh	KITCHEN
	LMCP-BL-L2-02	0.0 Kw	214.1 Kwh	0.0 Kwh	FEMALE TOILET
	LMCP-BL-L2-03	0.0 Kw	201.3 Kwh	0.0 Kwh	MALE TOILET / JANITOR
	LMCP-BL-L2-04	0.0 Kw	81.4 Kwh	0.0 Kwh	MALE / FEMALE TOILET
	LMCP-BL-RF-01	0.0 Kw	0.0 Kwh	0.0 Kwh	TOILET
	LMCP-BL-RF-05	0.0 Kw	10.8 Kwh	0.0 Kwh	STORGE (BL.1.T06)/ELV
	LMCP-BL-RF-06	0.0 Kw	4.9 Kwh	0.0 Kwh	LV ROOM



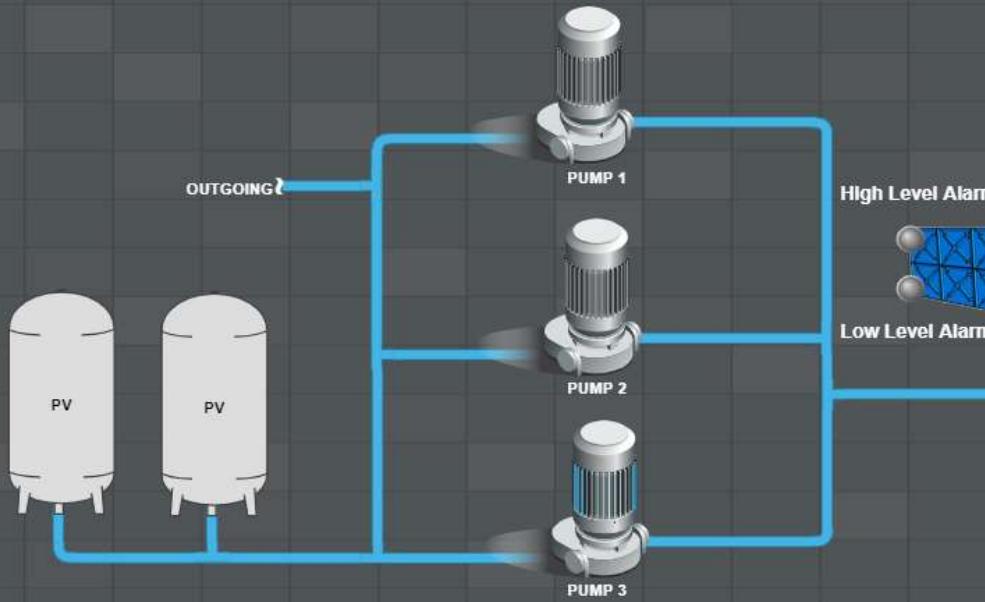
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# MV FAN POWER METER SUMMARY - BL

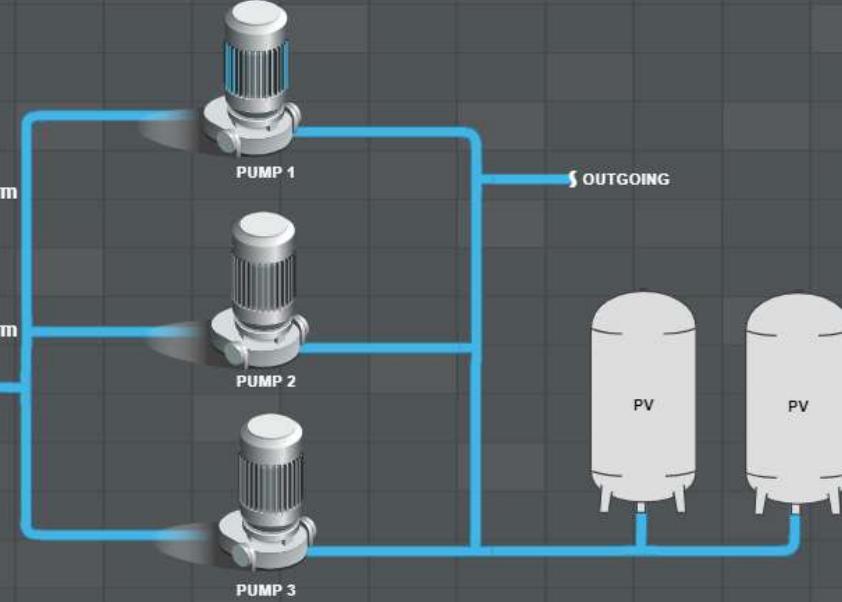
# PLUMBING SYSTEM

# DOMESTIC WATER PUMP & TANK

**SYSTEM 1**



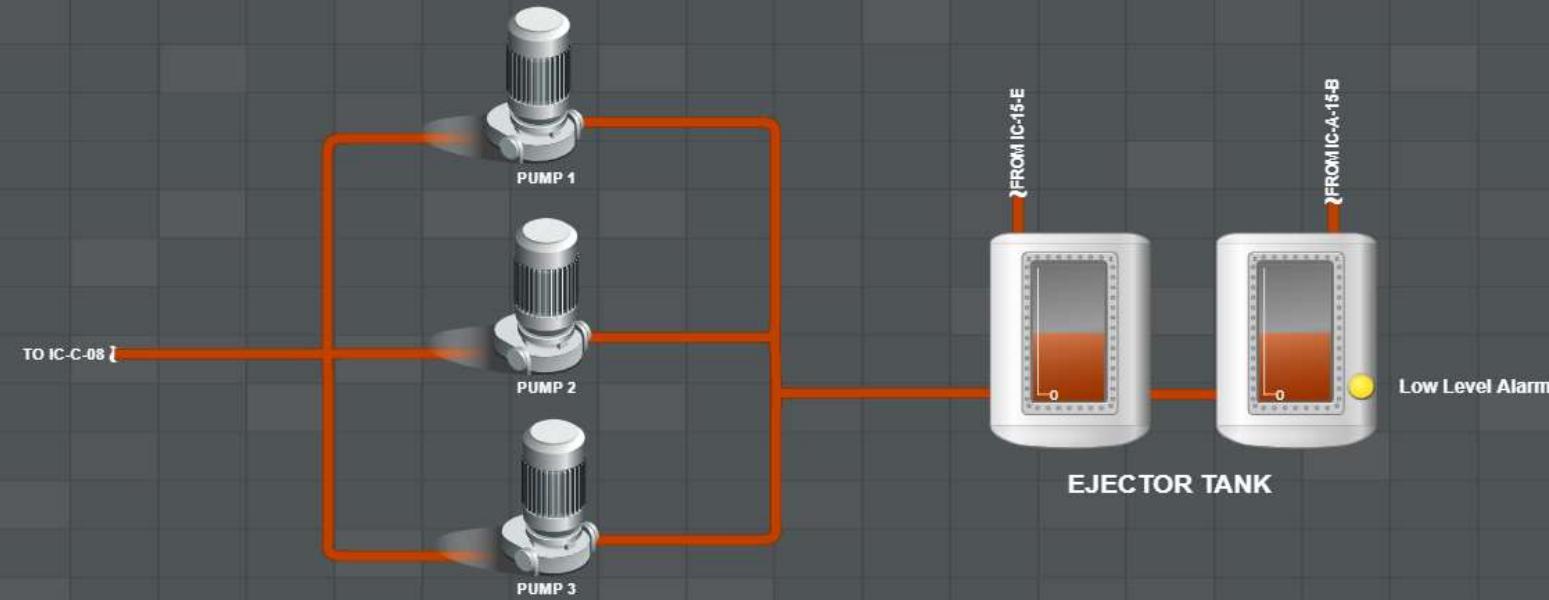
**SYSTEM 2**



Trend Log	NAME	ON/OFF STATUS	NORMAL/ TRIP	LOCATION
	PUMP 1			DOMESTIC WATER PUMP ROOM
	PUMP 2			
	PUMP 3			

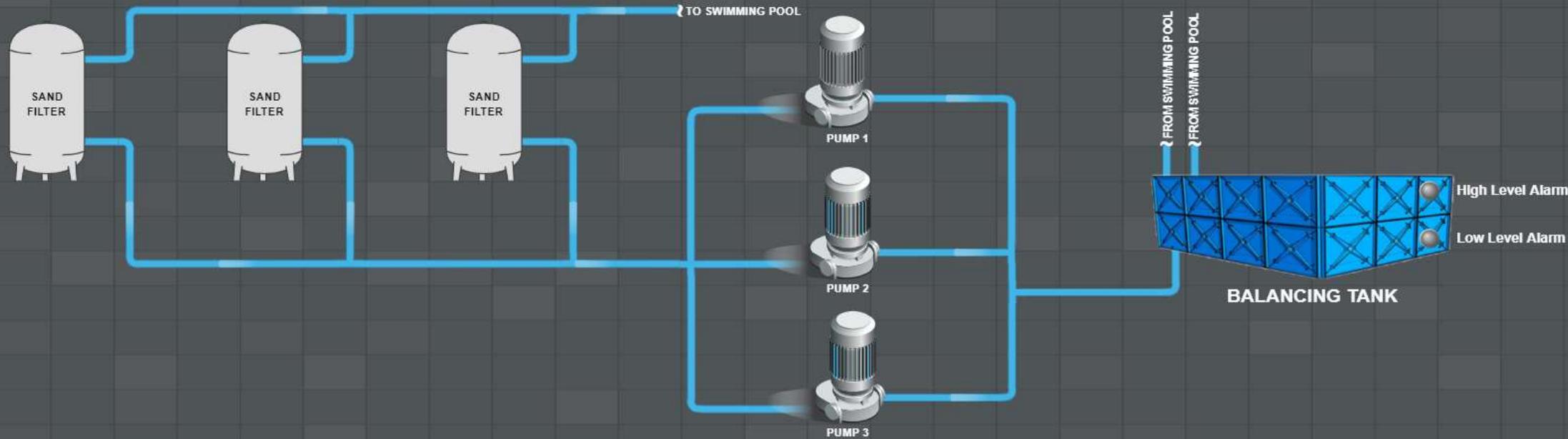
Trend Log	NAME	ON/OFF STATUS	NORMAL/ TRIP	LOCATION
	PUMP 1			DOMESTIC WATER PUMP ROOM
	PUMP 2			
	PUMP 3			

# EJECTOR ROOM



Trend Log	NAME	ON/OFF STATUS	NORMAL/ TRIP	LOCATION
	PUMP 1			EJECTOR ROOM - NEAR V62
	PUMP 2			
	PUMP 3			

# MAIN SWIMMING POOL



Trend Log	NAME	ON/OFF STATUS	NORMAL/Trip	LOCATION
	PUMP 1			SWIMMING POOL PUMP ROOM
	PUMP 2			
	PUMP 3			



# WATER METER SUMMARY

TREND	NAME	WATER CONSUMPTION	TODAY WATER CONSUMPTION	LAST MONTH WATER CONSUMPTION	WATER LEAK ALARM SETPOINT	WATER LEAK ALARM	AREA SERVE
	WM-BOH-B1-01	0.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	KITCHEN
	WM-BOH-B1-02	4.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	TOILET
	WM-BOH-B1-03	1.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	SINK
	WM-BOH-B1-04	1.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	FCC-BT
	WM-BOH-B1-05	39.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	RAIN WATER/IRRIGATION
	WM-BOH-B1-06	.....	.....	.....	0 m3	NORMAL	WATER FEATURE
	WM-BOH-L1-01	4.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	HOT WATER
	WM-BL-L1-01	0.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	MAIN INCOMING
	WM-BL-L1-02	0.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	KITCHEN
	WM-BL-L2-01	1.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	TOILET L2
	WM-BL-RF-01	11.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	HOT WATER
	WM-ADD-L1-01	1.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	TOILET
	WM-ADD-L1-02	130.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	KITCHEN
	WM-ADD-RF-03	2.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	HOT WATER
	WM-ARR-L1-01	0.0 m3	0.0 m3	0.0 m3	0 m3	NORMAL	MAIN INCOMING
	WM-ARR-L1-02	.....	.....	.....	0 m3	NORMAL	KITCHEN
	WM-ARR-L1-03	.....	.....	.....	0 m3	NORMAL	CIRCULAR WATER FEATURE



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## **WATER METER SUMMARY 1**

# FIRE SYSTEM

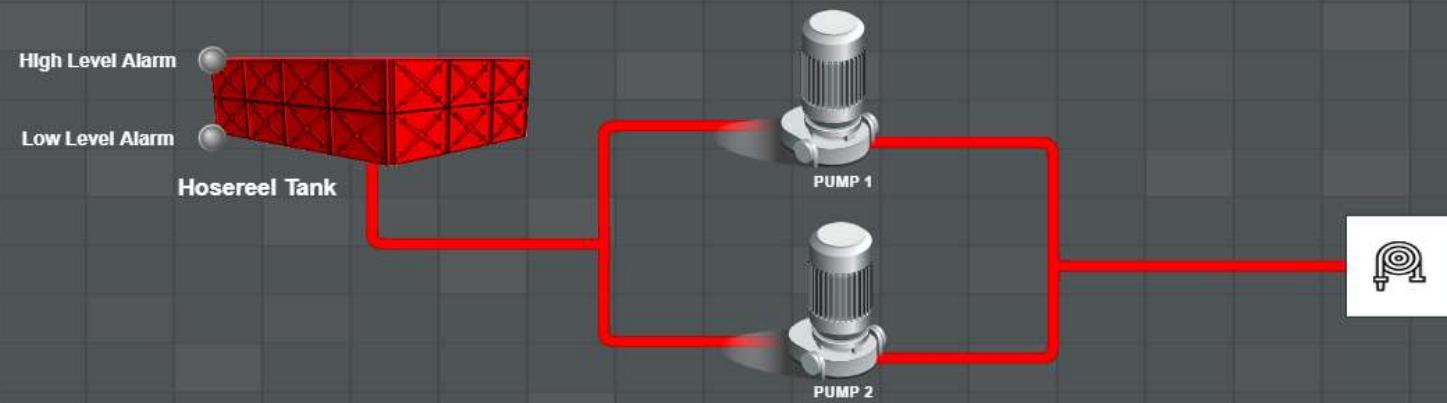
# Fire Alarm Panel



FIRE ALARM PANEL AND MIMIC

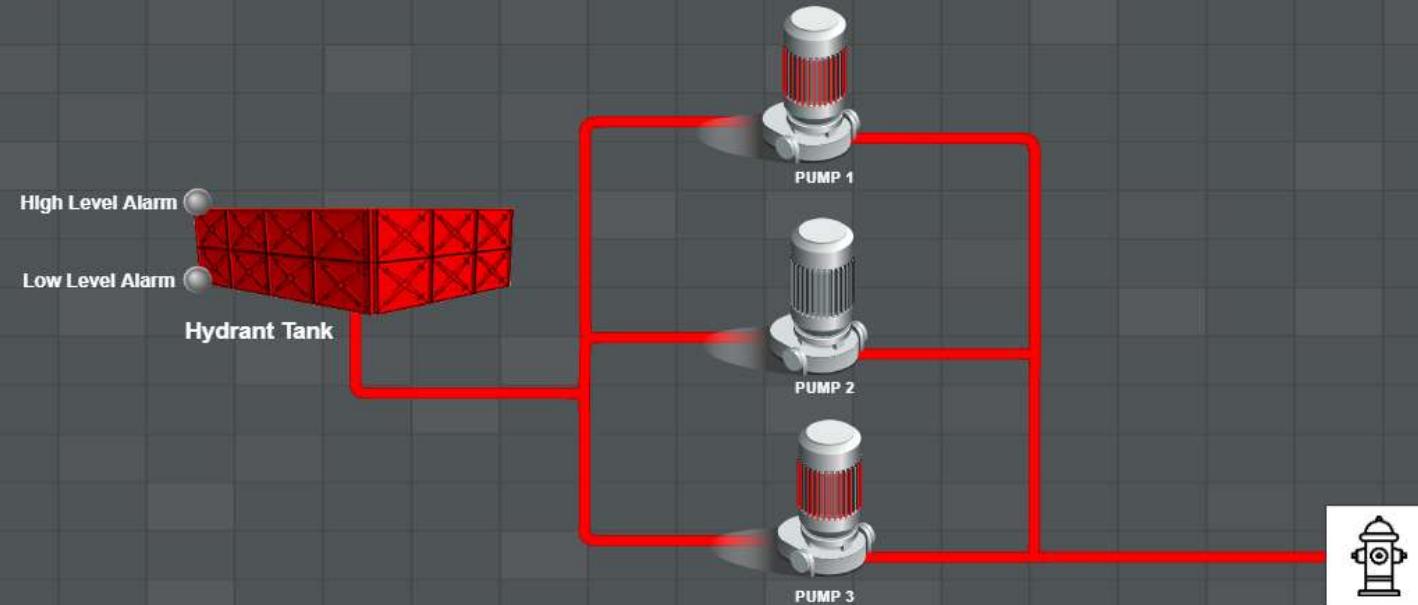
NAME	FIRE ALARM	NORMAL/ TRIP	LOCATION
Fire Alarm	NORMAL	NORMAL	FCC

# Hosereel Pump



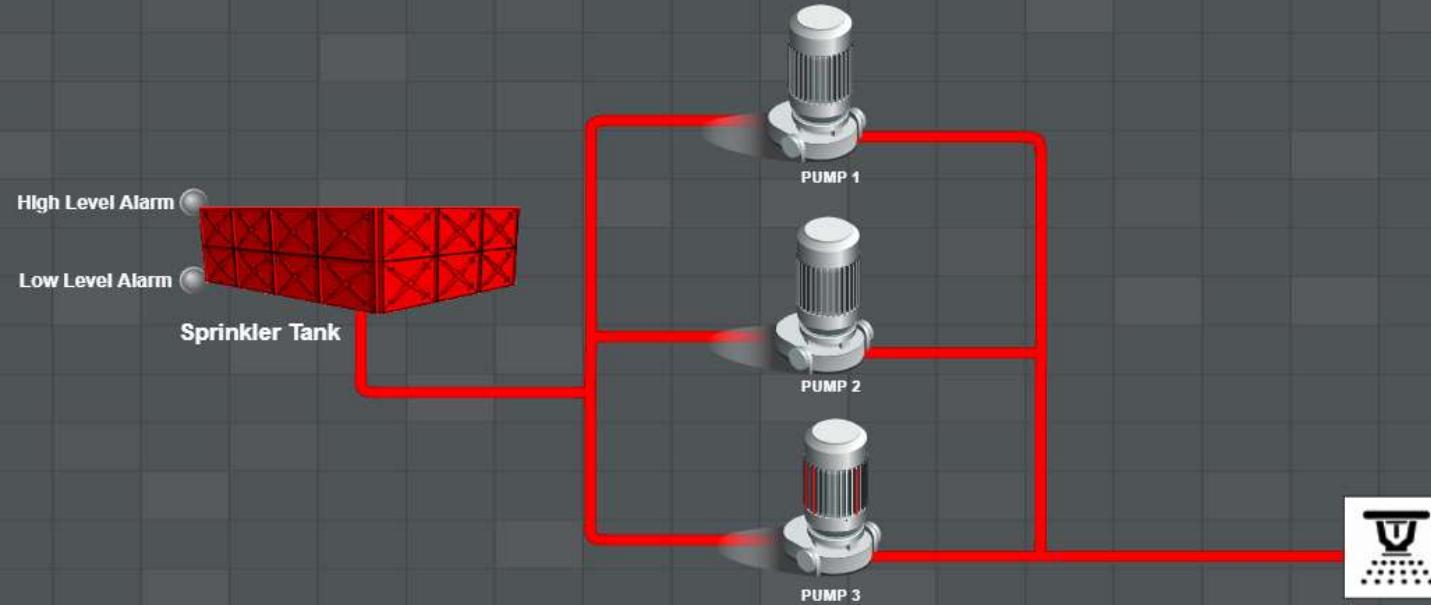
Trend Log	NAME	ON/OFF STATUS	NORMAL/TRIP	LOCATION
	Hosereel P_1			Fire Pump Room
	Hosereel P_2			Fire Pump Room

# Hydrant Pump and Tank



Trend Log	NAME	ON/OFF STATUS	NORMAL/ TRIP	LOCATION
	PUMP 1			Fire Pump Room
	PUMP 2			Fire Pump Room
	JOCKEY PUMP			Fire Pump Room

# Sprinkler Pump & Tank



Trend Log	NAME	ON/OFF STATUS	NORMAL/TRIP	LOCATION
	PUMP 1			Fire Pump Room
	PUMP 2			Fire Pump Room
	JOCKEY PUMP			Fire Pump Room



*Questions ?*



THANKYOU