

LIGHTS FITTING LEGEND			
SLNO	DESCRIPTION	NORMAL QTY	RES. QTY
1	18W LED DOWNLIGHTER	007	005
2	18W 1MTR LED LINEAR LIGHTS	----	----
3	20W LED TRACK MOUNTED LIGHTS	----	----
4	TRACK(3FT)	----	----
5	19MM PVC CONDUIT FOR POINT WIRING	----	----
6	3X1.55MM CU FRL'S WIRES	----	----
7	19MM PVC CONDUIT FOR POINT WIRING	----	----
8	2X1.55MM FIRE RATED CABLE	----	----
9	SWITCH BOARD(EMERGENCY)	----	----
10	SWITCH BOARD(NORMAL)	----	----
11	FANCY CHANDLIERS LIGHTS (STORE CENTER)	----	----
12	PENDANT LIGHTS (CN TABLES)	----	----

# LIGHTING LOOPING LAYOUT

PROJECT

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GENERAL NOTES

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REVISION

ISSUE DATE  
Schematic Design 26.10.2023

DRAWING TITLE

Lighting layout

DRAWING NUMB.

A 119

SCALE

DATE

06.01.2024

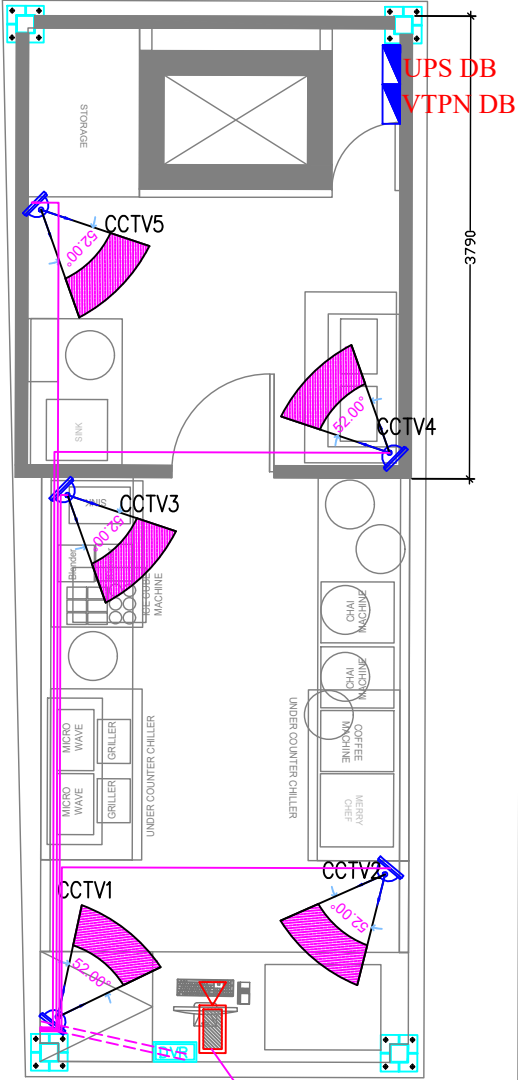
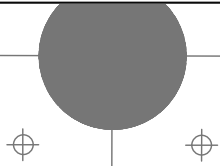
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### CCTV LEGEND

1		CP PLUS / HIKVISION CEILING MOUNTED 2.4 MEGAPIXEL SECURITY CAMERA WITH NIGHT VISION	05
2		DIGITAL VIDEO RECORDER - 8 CHANNEL	01
		CAT-6 CABLE IN 19/25MMØ CONDUIT (CAT6 CABLE -BELDEN MAKE)	
3		EPCOS CCTV (UNDER GMR SCOPE)	01

# CCTV LAYOUT

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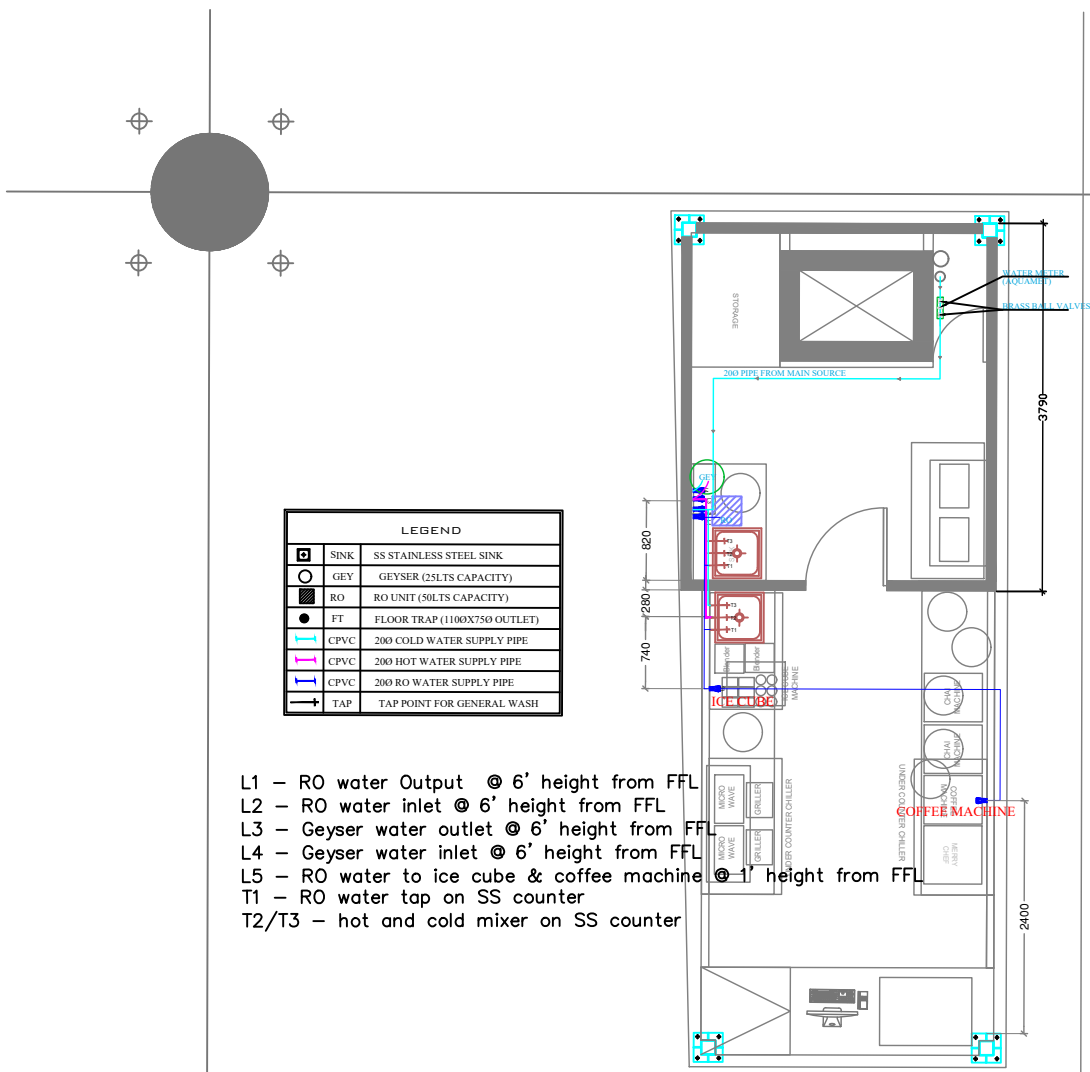
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**CCTV layout**  
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LEGEND	
	SS STAINLESS STEEL SINK
	GEYSER (25LTS CAPACITY)
	RO UNIT (50LTS CAPACITY)
	FLOOR TRAP (1100X750 OUTLET)
	200 COLD WATER SUPPLY PIPE
	200 HOT WATER SUPPLY PIPE
	200 RO WATER SUPPLY PIPE
	TAP POINT FOR GENERAL WASH

- L1 - RO water Output @ 6' height from FFL
- L2 - RO water inlet @ 6' height from FFL
- L3 - Geyser water outlet @ 6' height from FFL
- L4 - Geyser water inlet @ 6' height from FFL
- L5 - RO water to ice cube & coffee machine @ 4' height from FFL
- T1 - RO water tap on SS counter
- T2/T3 - hot and cold mixer on SS counter

# WATER SUPPLY LAYOUT

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**water supply layout**

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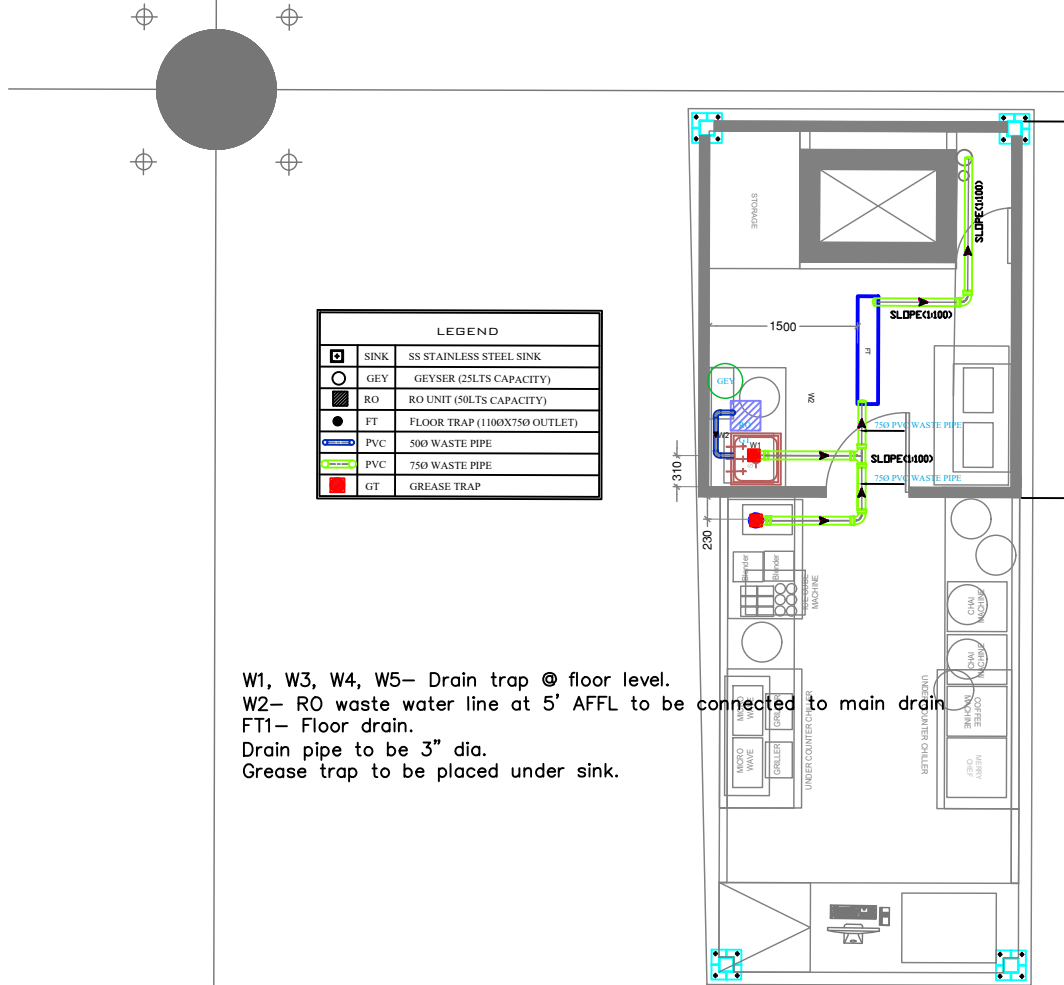
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LEGEND		
	SINK	SS STAINLESS STEEL SINK
	GEY	GEYSER (25LTS CAPACITY)
	RO	RO UNIT (50LTS CAPACITY)
	FT	FLOOR TRAP (1100X750 OUTLET)
	PVC	500 WASTE PIPE
	PVC	750 WASTE PIPE
	GT	GREASE TRAP

W1, W3, W4, W5– Drain trap @ floor level.  
 W2– RO waste water line at 5' AFFL to be connected to main drain  
 FT1– Floor drain.  
 Drain pipe to be 3" dia.  
 Grease trap to be placed under sink.

# DRAIN LAYOUT

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Drain layout

DRAWING NUMB.

A 122

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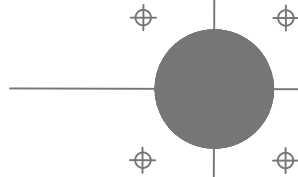
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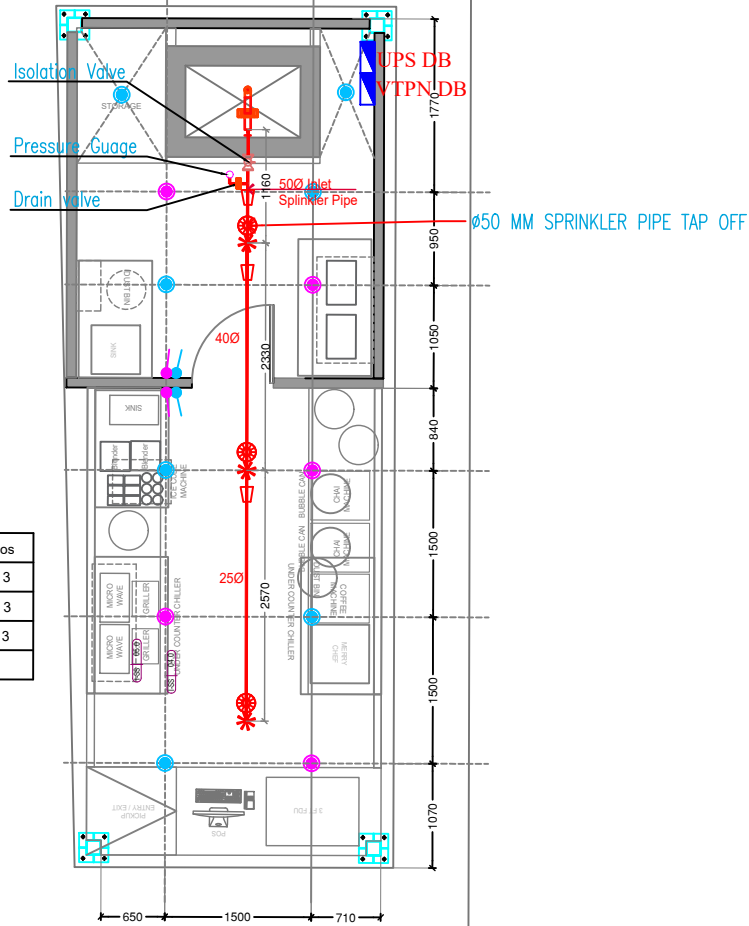
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BFV

**LEGEND - FIRE FIGHTING LAYOUT**

Symbol	Description	Nos
	Reducer varies as mentioned	3
	Upright Sprinkler	3
	Pendant Sprinkler	3
	Sprinkler pipe varies as mentioned	



SPLINKLER LAYOUT

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splinkler layout

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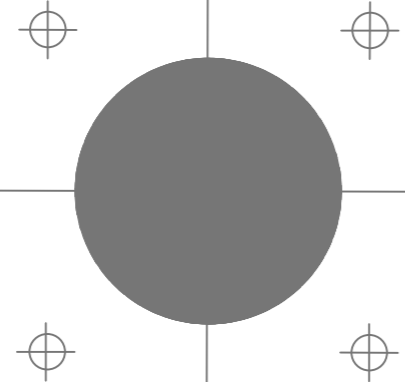
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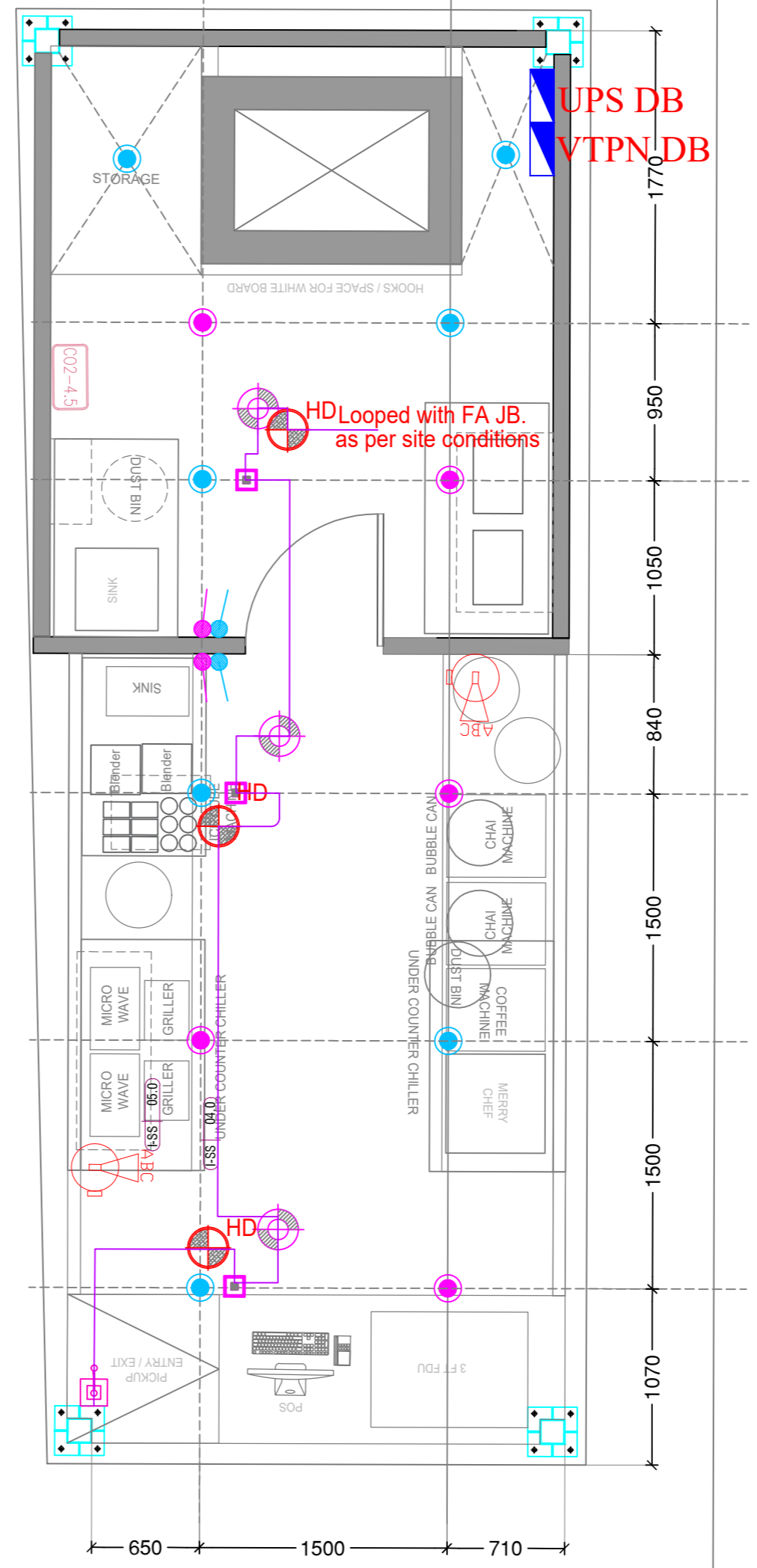
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FIRE EXTINGUISHER LEGEND		
SYMBOL	ABBREVIATION	
	4.5KG CO2 TYPE PORTABLE FIRE EXTINGUISHER	001
	6 KG ABC DRY POWDER PORTABLE FIRE EXTINGUISHER	001
	6.0LTR 'K' TYPE EXTINGUISHER	002

FIRE ALARM LEGEND		
SYMBOL	ABBREVIATION	
	FIRE ALARM CONTROL PANEL	
	HEAT DETECTOR(BELOW)	3
	SMOKE DETECTOR(ABOVE)	3
	RESPONSE INDICATOR	3
	MANUAL CALL POINT	1
2CX1.5SQMM ARM.CABLE		



# FIRE ALARM SYSTEM AND FIRE EXTINGUISHER LAYOUT

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**FAS AND FE layout**

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**A 120**

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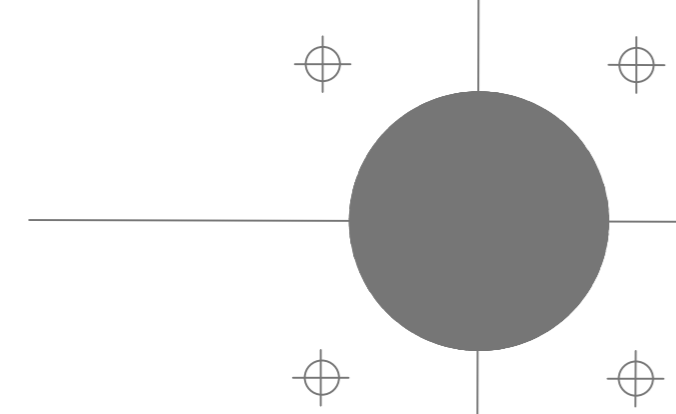
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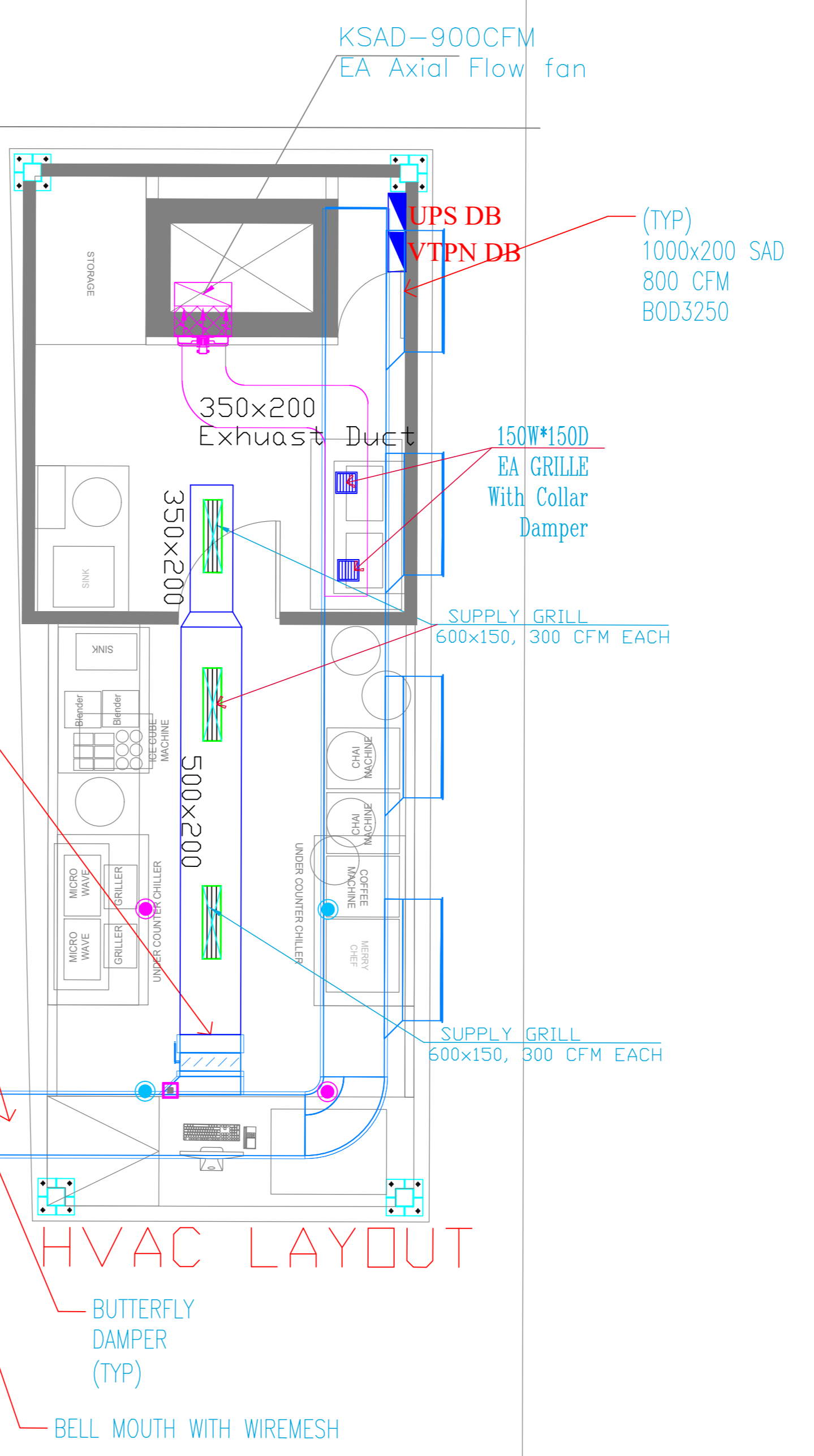
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HVAC LEGEND	
	FCU UNIT
	FLAT OVAL DUCT ACOUSTIC INSULATED
	FLAT OVAL DUCT THERMAL INSULATED
	FLAT OVAL DUCT
	SUPPLY AIR GRILL
	SUPPLY AIR COLLAR
	EX. INLINE FAN
	RECT. RETURN AIR DUCT
	DISC VALVE



PERFORATION PANEL WITH  
2.4 Sq.mt FREE AREA FOR  
RETURN AIR COLLECTION.

RAG 1000X500  
7137CFM  
QTY - 01 No.  
BOG 200

Ø400 JET DIFFUSER  
1800 CFM EACH  
QTY-4 Nos 850 CFM  
EACH QTY-3 Nos  
800 CFM EACH  
QTY-1 Nos

1200x800 SAD  
14700 CFM, F/B  
AHU /PTB /WPI /E /030 /F  
Refer dwg no:  
GHIAL-LNT-W-PTB-M-10-4003

1200x800 RAD  
14275 CFM, T/B  
AHU /PTB /WPI /E /030 /F  
Refer dwg no:  
GHIAL-LNT-W-PTB-M-10-4003

500x200 SAD  
4150 CFM  
BOD3200

500x400 SAD  
4150 CFM  
BOD3150

# HVAC LAYOUT

BUTTERFLY DAMPER (TYP)

BELL MOUTH WITH WIREMESH

KSAD-900CFM  
EA Axial Flow fan

UPS DB  
VTPN DB (TYP)  
1000x200 SAD  
800 CFM  
BOD3250

150W\*150D  
EA GRILLE  
With Collar  
Damper

SUPPLY GRILL  
600x150, 300 CFM EACH

SUPPLY GRILL  
600x150, 300 CFM EACH

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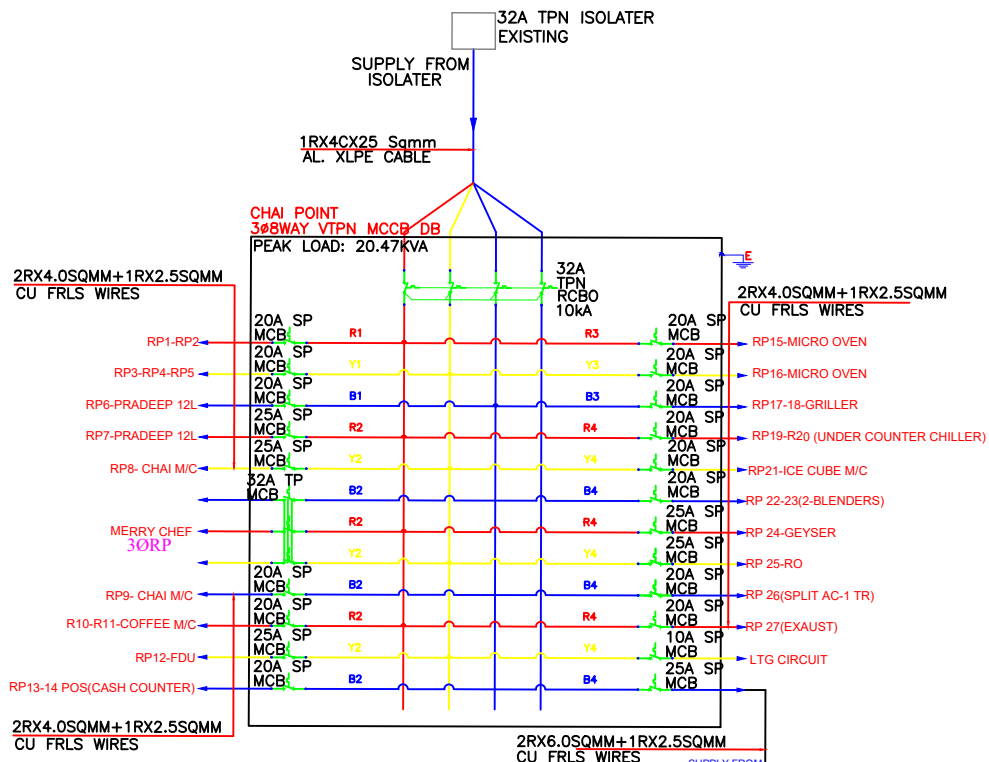
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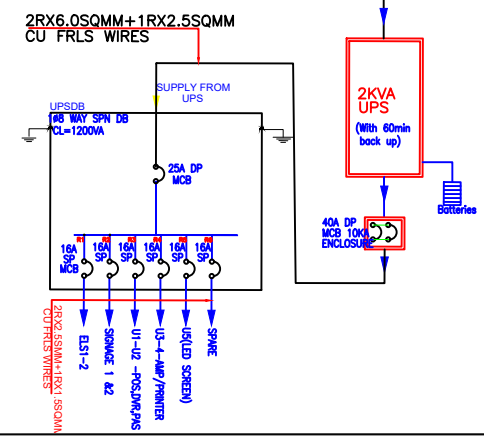
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**A 125**  
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MAIN SINGLE LINE DIAGRAM



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DRAWING TITLE

main single  
line diagram

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earthing schematic

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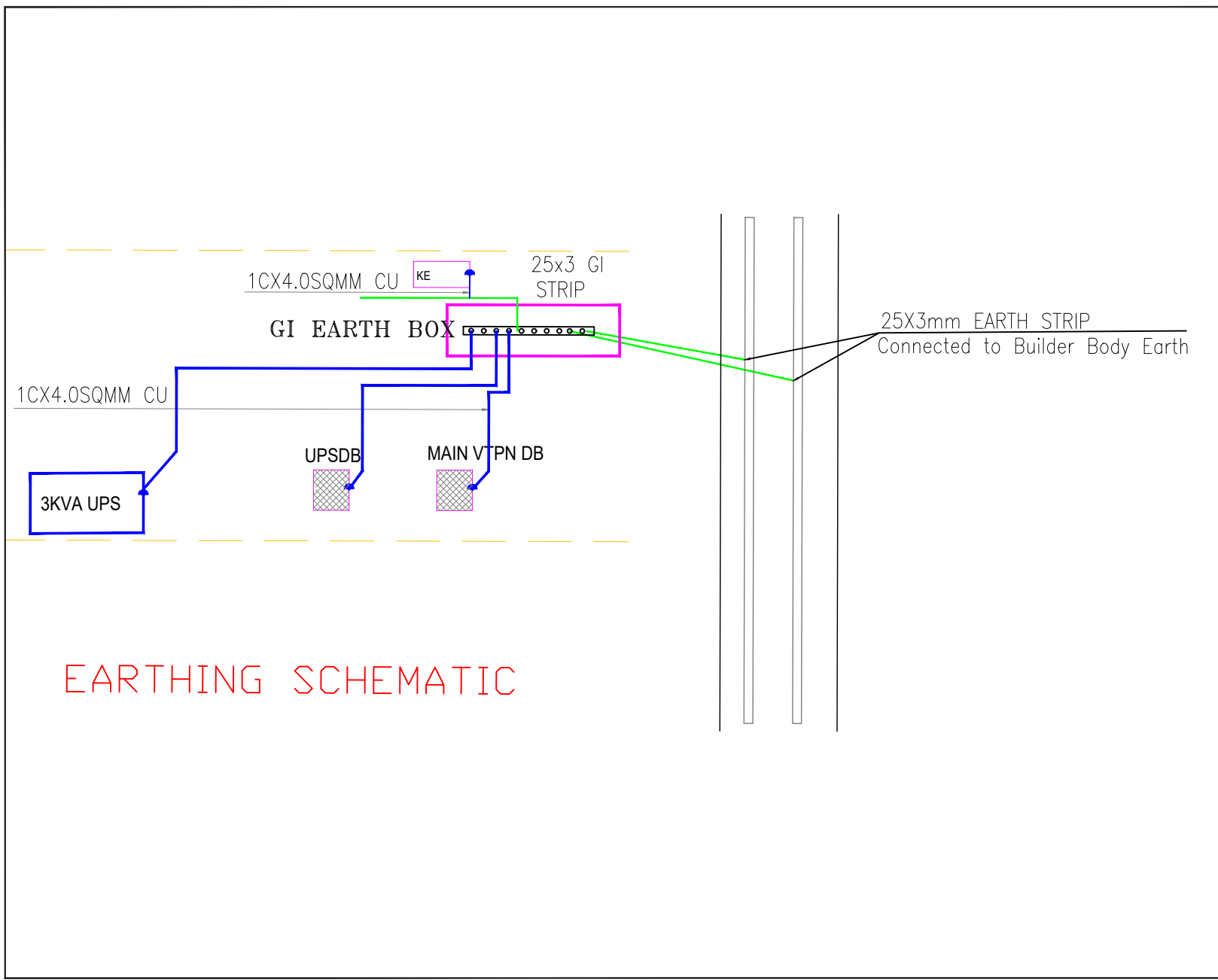
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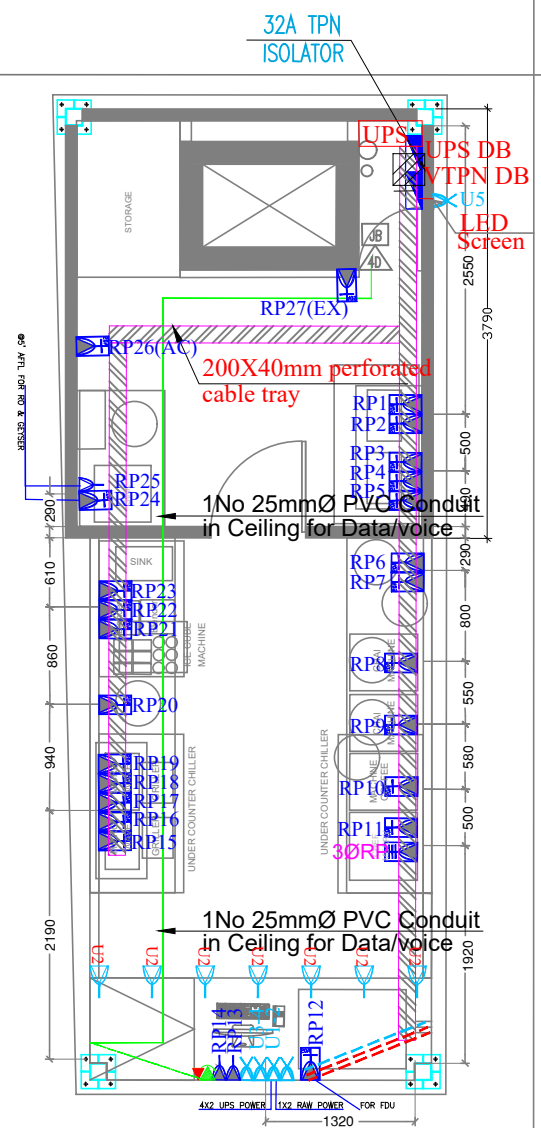
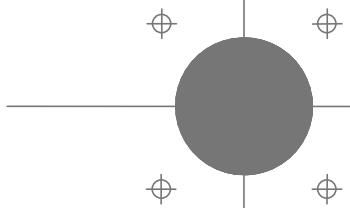
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# EARTHING SCHEMATIC



ALL ELECTRIC POINTS TO BE PROVIDED AT 1100MM AFFL UNLESS MENTIONED OTHERWISE

SYMBOL	DESCRIPTION
	16A (3 MODEL- 1 SWITCH, 1 SOCKET) SOCKET (RAW POWER)
	DATA SOCKET OUTLET (RJ-45)
	6A (3 MODEL- 1 SWITCH, 1 SOCKET) SOCKET (UPS POWER)
	20A (3 MODEL- 1 SWITCH, 1 SOCKET) INDUSTRIAL METAL CLAD SOCKET (RAW POWER) WITH 2 POLE MCB
	TELEPHONE POINT
	6A (6 MODEL- 2 SWITCH, 2 SOCKET) SOCKET (UPS POWER)
	6A (3 MODEL- 1 SWITCH, 1 SOCKET) WITH USB PORT (UPS POWER) @2' AFFL

	PVC Conduit in Ceiling for Data/Voice
	PVC Conduit in Floor for Data/Voice
	PVC Conduit in Ceiling for UPS/Rawpower
	PVC Conduit in Floor for UPS/Rawpower
	200X200X40mm Junction Box
	200X40mm Perforated Cable Tray

# POWER LAYOUT

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**Power Layout**  
DRAWING NUMB.  
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