

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

Chai Point
HYD AIRPORT

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTORS. DO NOT SCALE THE DRAWINGS. REPORT ANY DISCREPANCIES TO THE AUTHORS. ALL RIGHTS RESERVED BY THE AUTHOR.

REVISION

ISSUE DATE
Schematic Design 26.10.2023

DRAWING TITLE

Lighting layout

DRAWING NUMB.

A 119

SCALE

DATE

06.01.2024

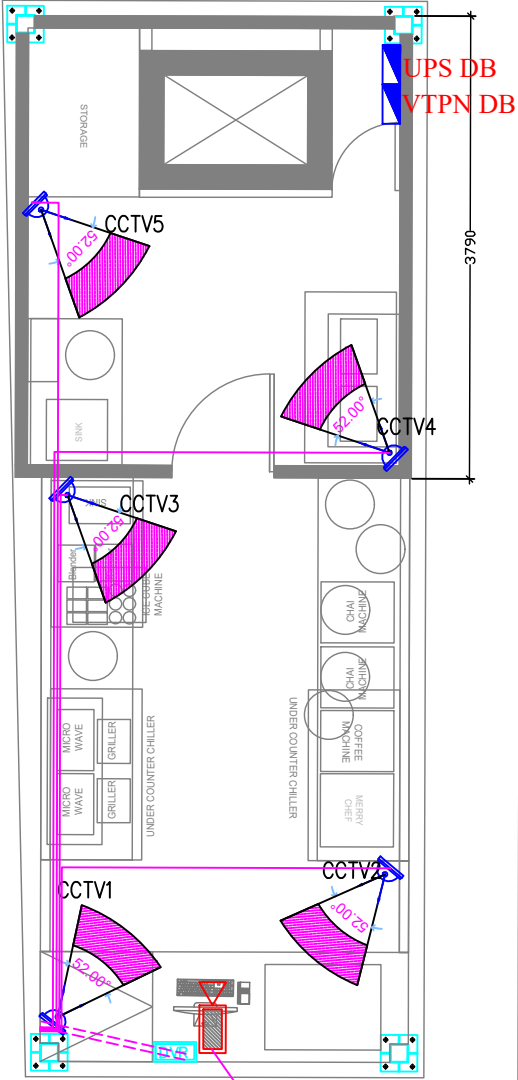
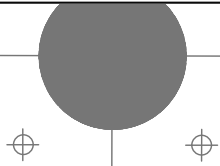
DESIGN STAGE

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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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ISSUE	DATE
Schematic Design	26.10.2023

DRAWING TITLE

CCTV layout

DRAWING NUMB.

A 120

SCALE

DATE

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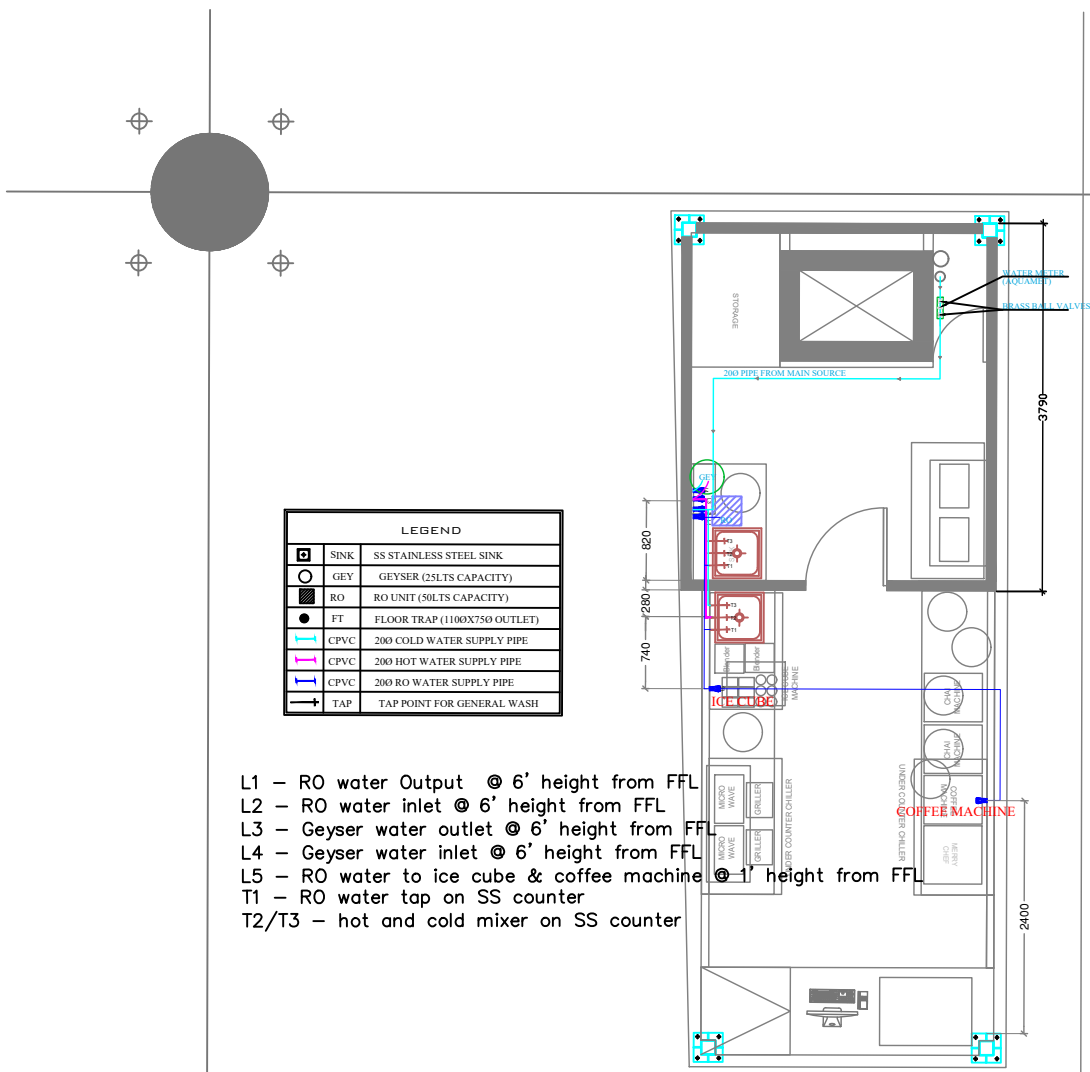
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LEGEND	
	SS STAINLESS STEEL SINK
	GEYSER (25LTS CAPACITY)
	RO UNIT (50LTS CAPACITY)
	FLOOR TRAP (1100X750 OUTLET)
	200 COLD WATER SUPPLY PIPE
	200 HOT WATER SUPPLY PIPE
	200 RO WATER SUPPLY PIPE
	TAP POINT FOR GENERAL WASH

- 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

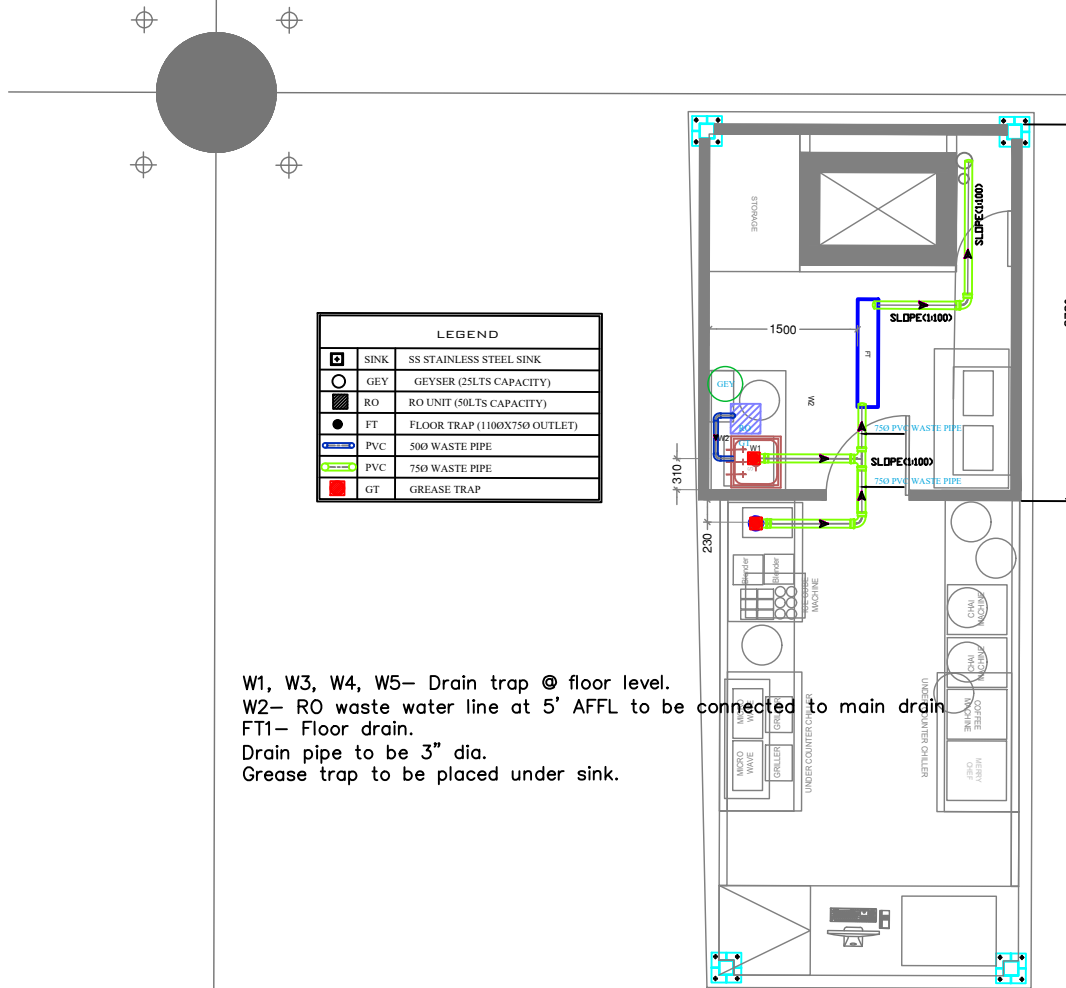
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Schematic Design 26.10.2023

DRAWING TITLE
water supply layout
DRAWING NUMB.
A 120
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06.01.2024
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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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DRAWING TITLE

Drain layout

DRAWING NUMB.

A 122

SCALE

DATE

06.01.2024

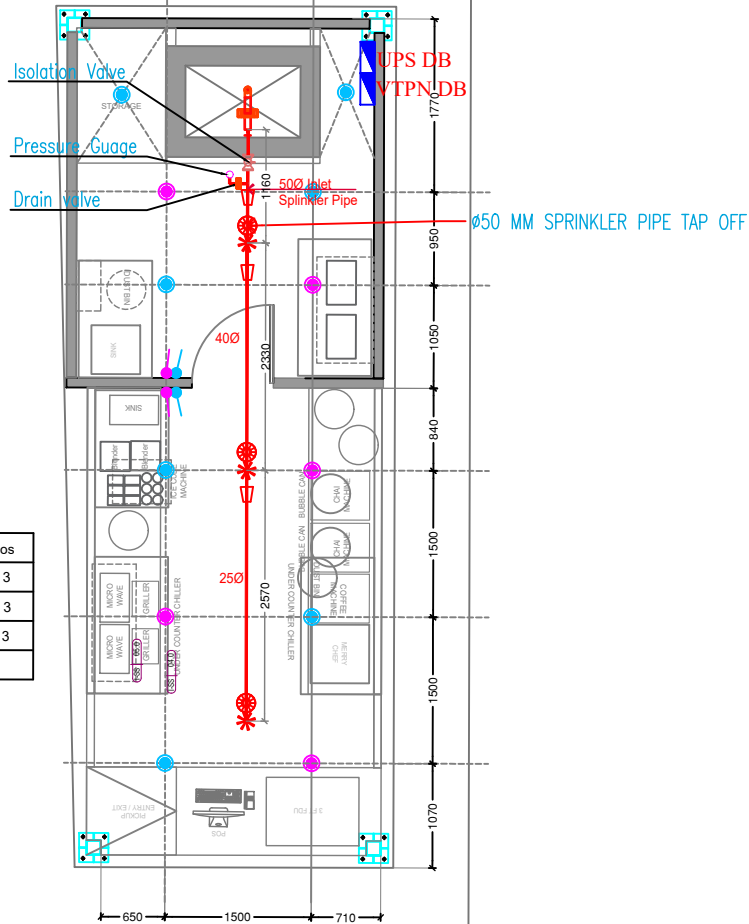
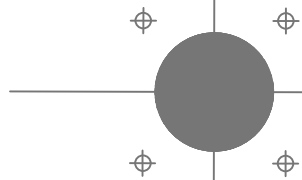
DESIGN STAGE

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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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DRAWING TITLE

splinkler layout

DRAWING NUMB.

A 123

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DATE

06.01.2024

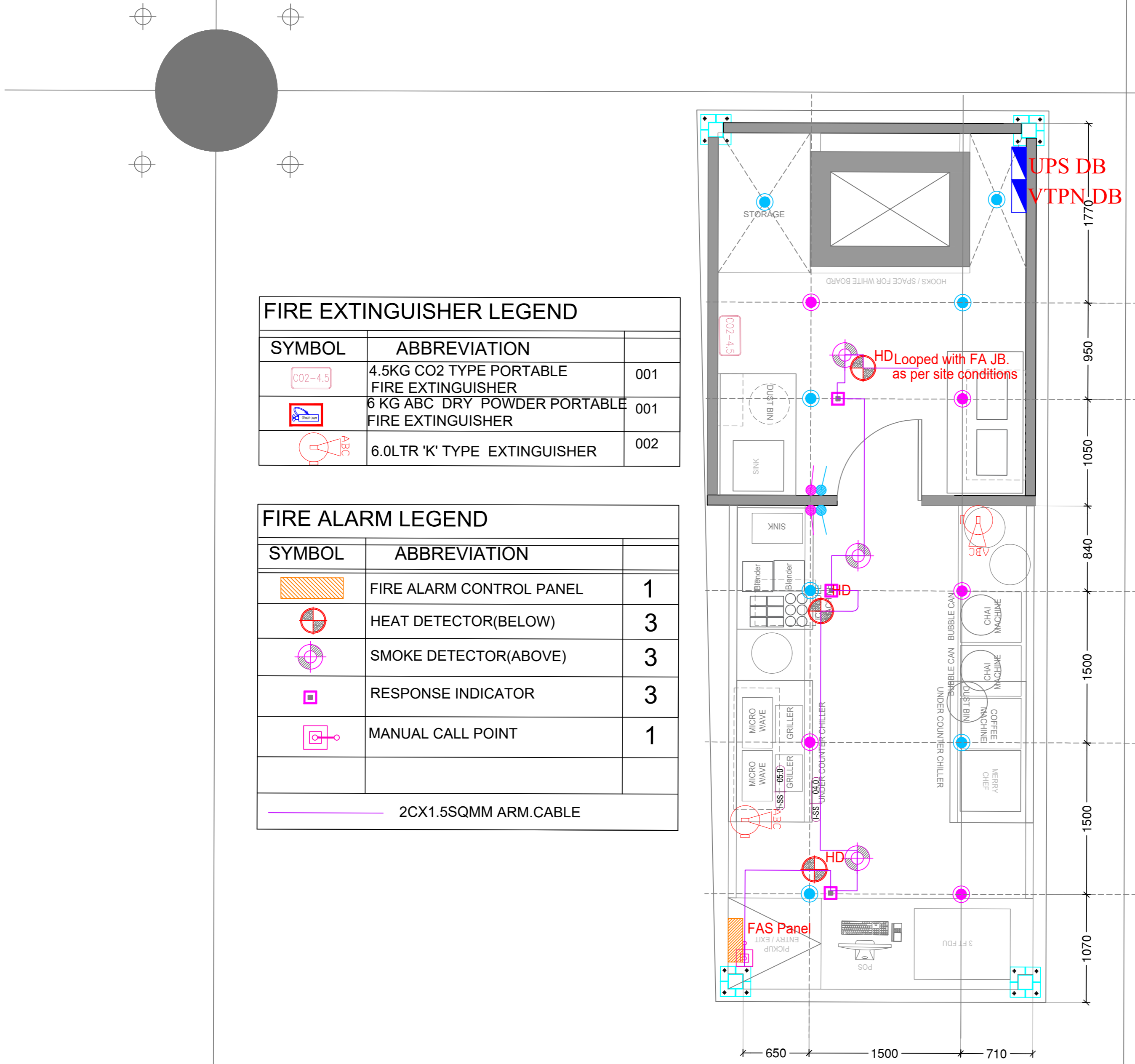
DESIGN STAGE

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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	1
	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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ISSUE	DATE
Schematic Design	26.10.2023

DRAWING TITLE

FAS AND FE layout

DRAWING NUMB.

A 120

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DATE

18.03.2024

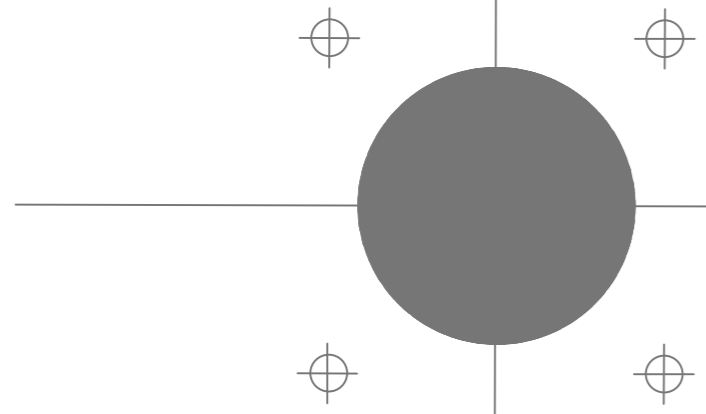
DESIGN STAGE

SCHEMATIC

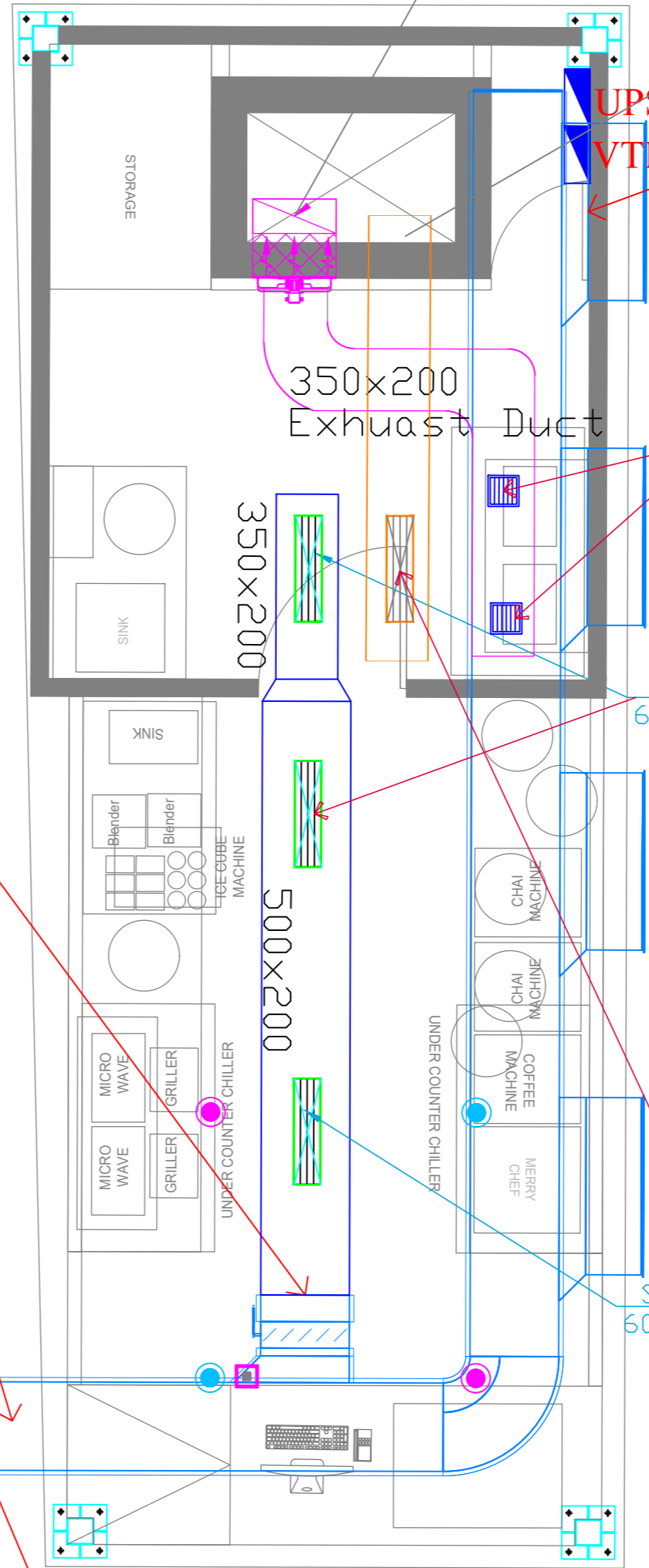
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HVAC LEGEND	
	FCU UNIT
	FLAT OVAL DUCT ACOUSTIC INSULATED
	FLAT OVAL DUCT THERMAL INSULATED
	FLAT OVAL DUCT
	SUPPLY AIR GRILL
	SUPPLY AIR COLLAR
	EX. INLINE FAN
	RECT. RETURN AIR DUCT
	DISC VALVE



KSAD-900CFM
EA Axial Flow fan

Fresh air Duct
300X150

(TYP)
1000x200 SAD
800 CFM
BOD3250

UPS DB
VTPN DB

350x200
Exhaust Duct

150W*150D
EA GRILLE
With Collar
Damper

SUPPLY GRILL
600x150, 300 CFM EACH

500x200 SAD
4150 CFM
BOD3200

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

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

500x400 SAD
4150 CFM
BOD3150

FRESH AIR GRILL
600x150, 300 CFM EACH

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

SUPPLY GRILL
600x150, 300 CFM EACH

1200x800 SAD
14700 CFM, F/B
AHU /PTB /WPI /E /O30 /F
Refer dwg no:
GHIAL-LNT-W-PTB-M-10-4003

1200x800 RAD
14275 CFM, T/B
AHU /PTB /WPI /E /O30 /F
Refer dwg no:
GHIAL-LNT-W-PTB-M-10-4003

HVAC LAYOUT

BUTTERFLY
DAMPER
(TYP)

BELL MOUTH WITH WIREMESH

PROJECT

Chai Point
HYD AIRPORT

GENERAL NOTES

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ISSUE DATE
Schematic Design 26.10.2023

DRAWING TITLE

HVAC layout

DRAWING NUMB.

A 125

SCALE

DATE

12.03.2024

DESIGN STAGE

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ISSUE	DATE
Schematic Design	26.10.2023

DRAWING TITLE

earthing schematic

DRAWING NUMB.

A 123

SCALE

DATE

06.01.2024

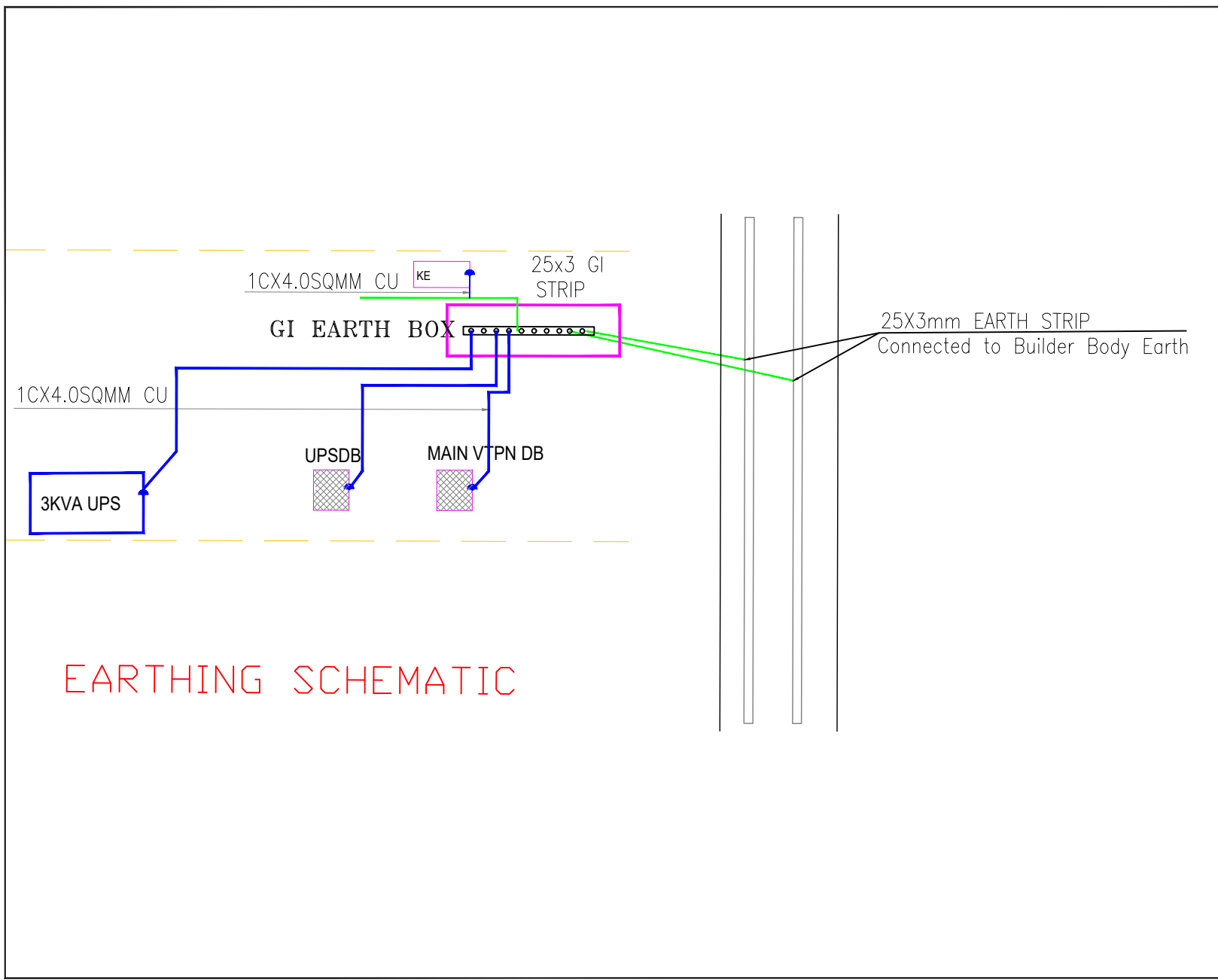
DESIGN STAGE

SCHEMATIC

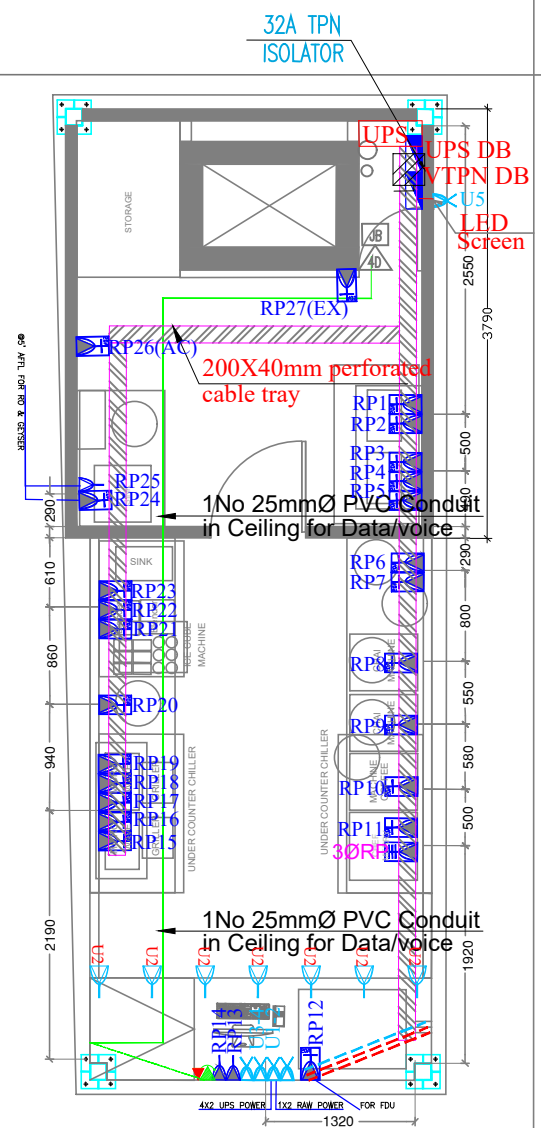
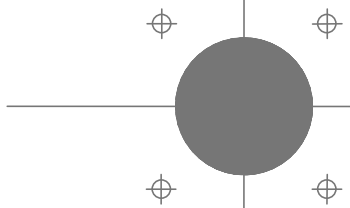
REVISION

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Design



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

PROJECT

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HYD AIRPORT

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REVISION
7
DATE
26.10.2023
Schematic Design

DRAWING TITLE
Power Layout
DRAWING NUMB.
A 120
SCALE

DATE
06.01.2024
DESIGN STAGE
SCHEMATIC
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Chai Point
Design



CHAI POINT

PROJECT

**Chai Point
HIAL F005**

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ISSUE	DATE
Concept Design	06.01.2024

DRAWING TITLE

DATA Layout

DRAWING NUMB.

A 120

SCALE

DATE

06.02.2024

DESIGN STAGE

GFC

REVISION

R0

**Chai Point
Design**

