

.\Mac\Screenshot 2019-02-07 at 3:34:2 PM.png

PROJECT

Chai Point  
HIAL D005,  
Hyderabad

GENERAL NOTES

ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTORS  
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REVISION

ISSUE DATE  
Schematic Set 15.02.2024

DRAWING TITLE

**LIGHTING LAYOUT**

DRAWING NUMB.

**EL-01**

SCALE

DATE

03.05.2024

DESIGN STAGE

Good for Construction

REVISION

R0

Chai Point

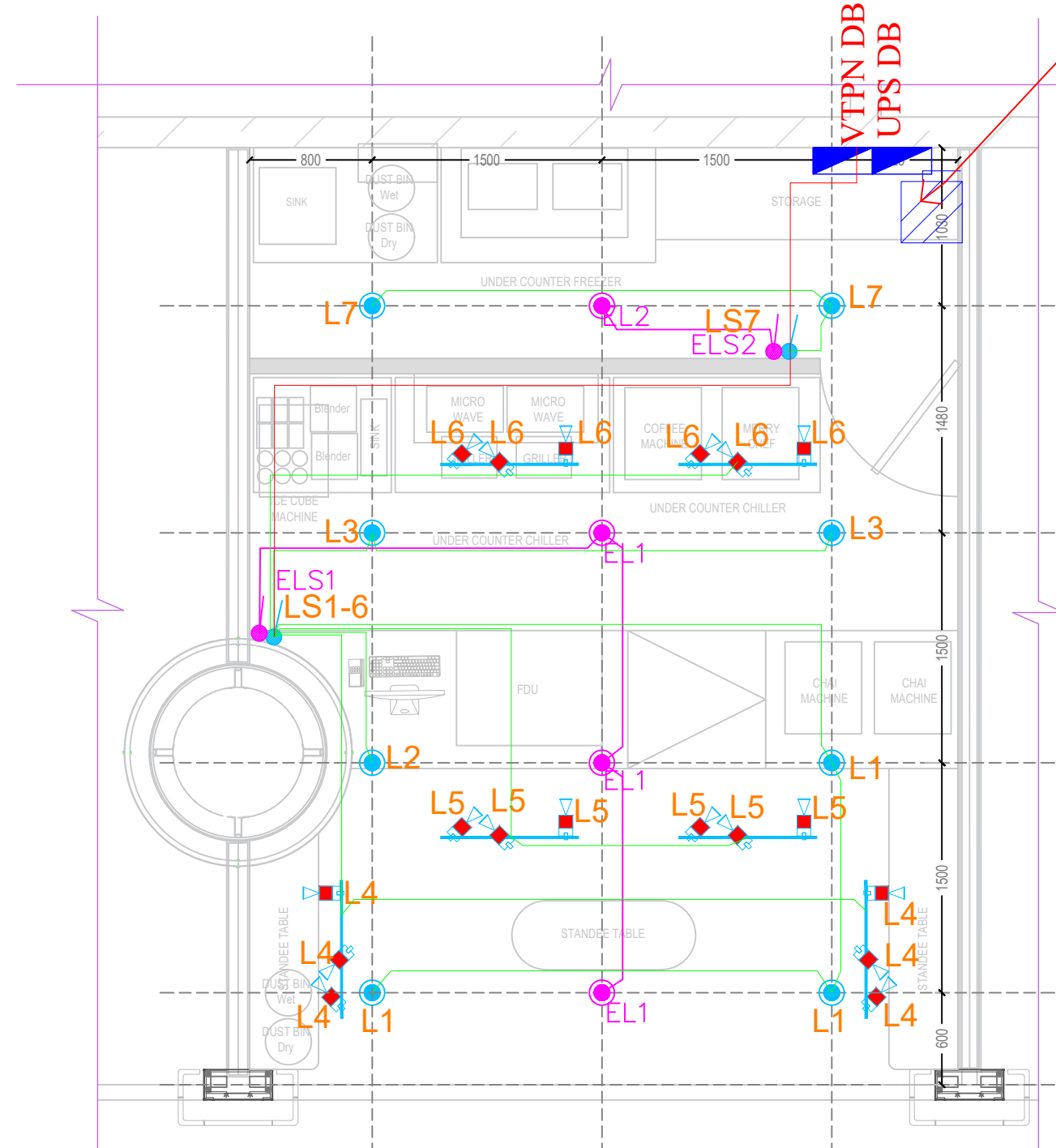
Design

32A TPN ISOLATOR

VTPN DB  
UPS DB

LIGHTS FITTING LEGEND			
SL.NO	DESCRIPTION	NORMAL QTY	EMER. QTY
1	18W LED DOWNLIGHTER	008	004
2	18W 1MTR LED LINEAR LIGHTS	---	---
3	20W LED TRACK MOUNTED LIGHTS	018	---
4	TRACK<3FT>	006	
5	19MMØ PVC CONDUIT FOR POINT WIRING 3RX1.5SQMM CU FRLS WIRES		
6	19MMØ PVC CONDUIT FOR POINT WIRING 2CX1.5SQMM FIRE RATED CABLE		
7	SWITCH BOARD<EMERGENCY>		
8	SWITCH BOARD<NORMAL>		
9	FANCY CHANDLIERS LIGHTS (STORE CENTER)	---	---
10	PENDANT LIGHTS (ON TABLES)	---	---

LIGHTING LOOPING LAYOUT



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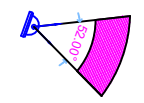

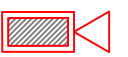
DRAWING TITLE  
**CCTV LAYOUT**  
DRAWING NUMB.  
**EL-02**  
SCALE

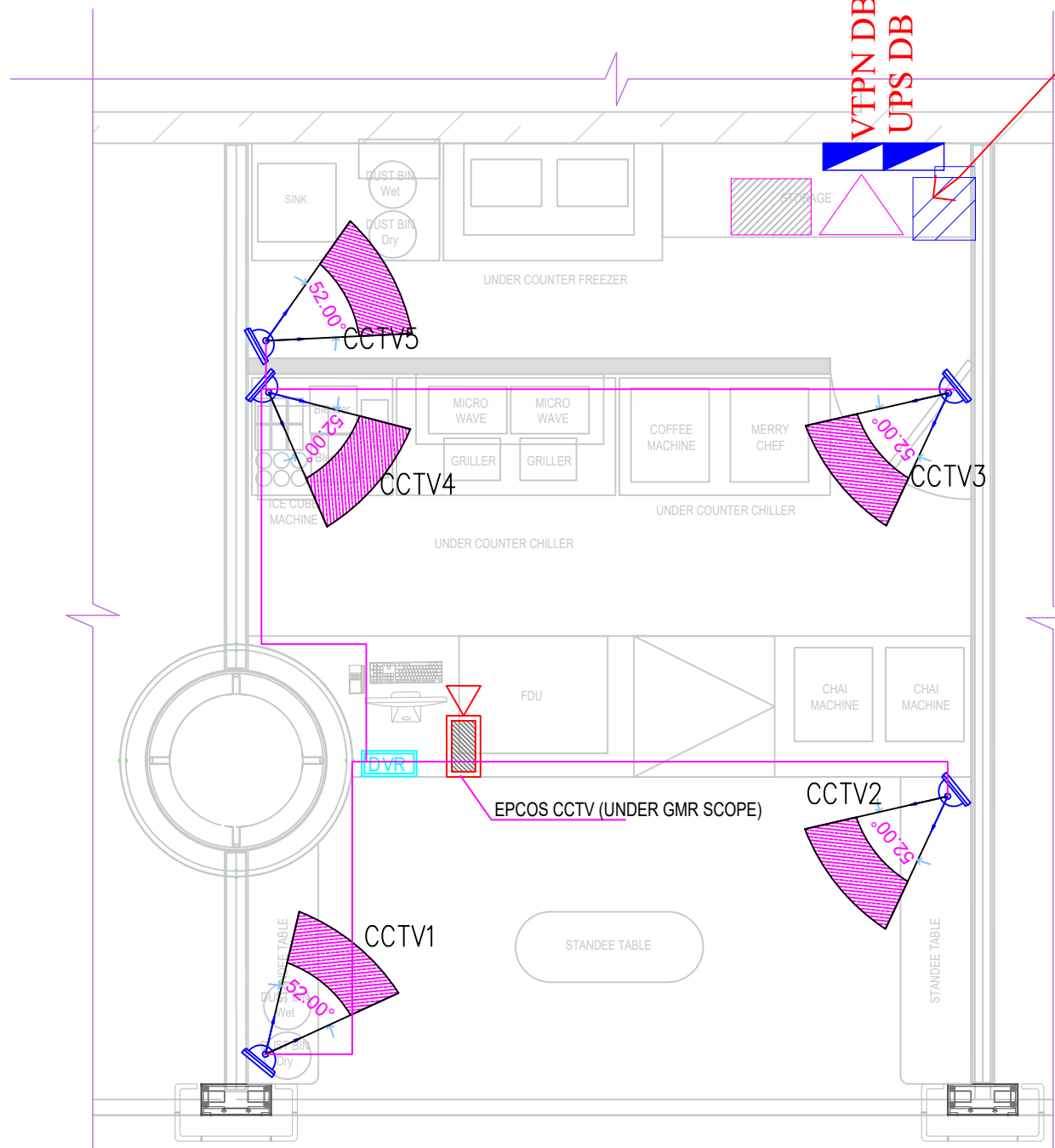
DATE  
**03.05.2024**  
DESIGN STAGE  
**Good for Construction**  
REVISION  
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Chai Point  
Design

32A TPN ISOLATOR

VTPN DB  
UPS DB

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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DATE  
15.02.2024

DRAWING TITLE

**MUSIC SYSTEM**

DRAWING NUMB.

**EL-03**

SCALE

DATE

03.05.2024

DESIGN STAGE

Good for Construction

REVISION




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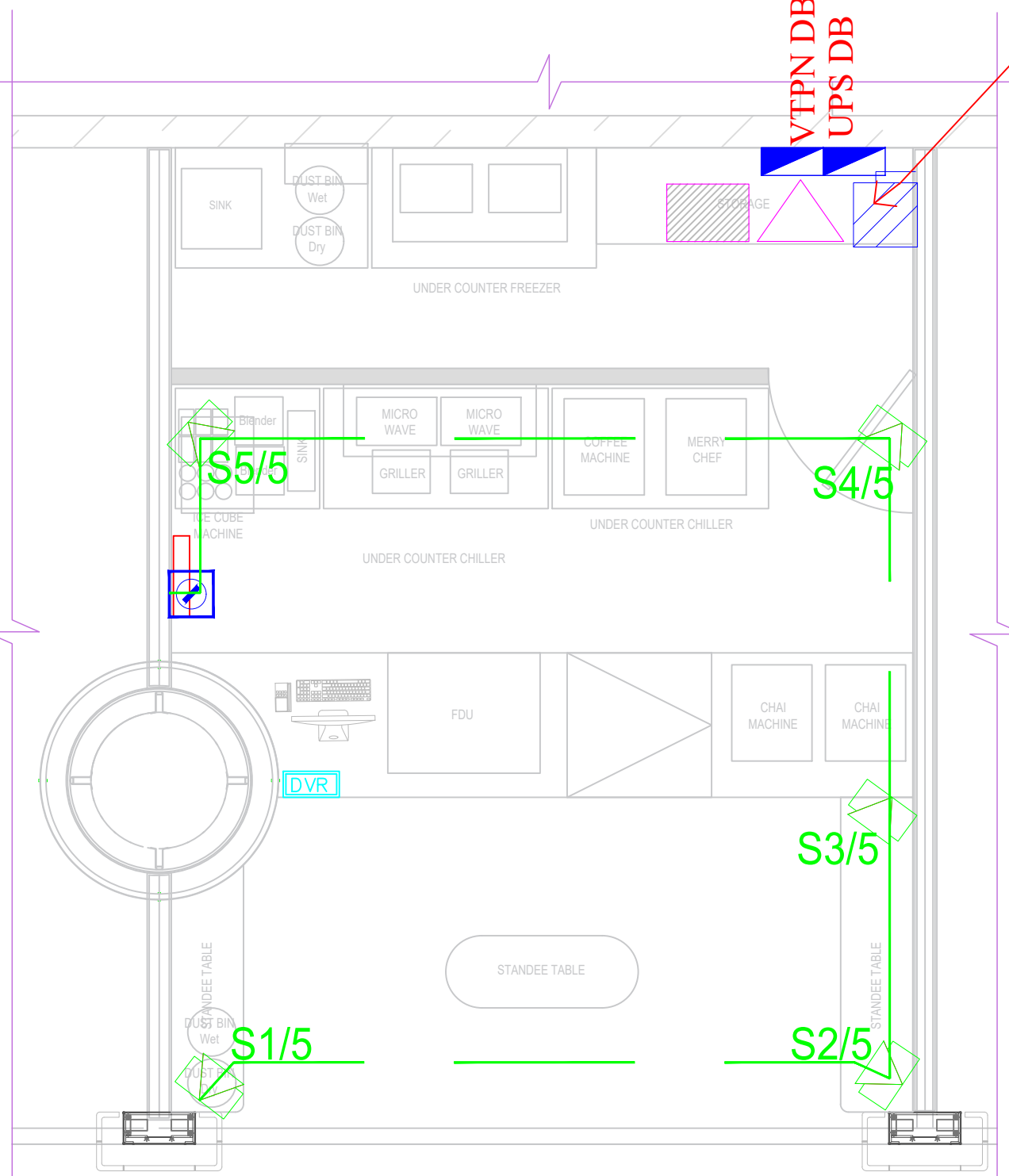
32A TPN ISOLATOR

VTPN DB  
UPS DB

### MUSIC SYSTEM

SYMBOL	ABBREVIATION	NO.S
	6 W BOSCH / AHUJA WALL MOUNTED SPEAKER WITH MS MESH TYPE GRILL	05
	AMPLIFIER AND WOOFER BOX	1
	P.A.CIRCUIT ABOVE FALSE CEILING USING TWIN TWISTED 20 / 0.57 PVC INSULATED TIN COPPER WIRE WITHIN 20mm Ø FRLS RIGID PVC C / AFC	

# MUSIC SYSTEM LAYOUT



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ISSUE	DATE
Schematic Set	15.02.2024

DRAWING TITLE

**POWER LAYOUT**

DRAWING NUMB.

**EL-05**

SCALE

DATE

03.05.2024

DESIGN STAGE

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32A TPN ISOLATOR

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UPS DB

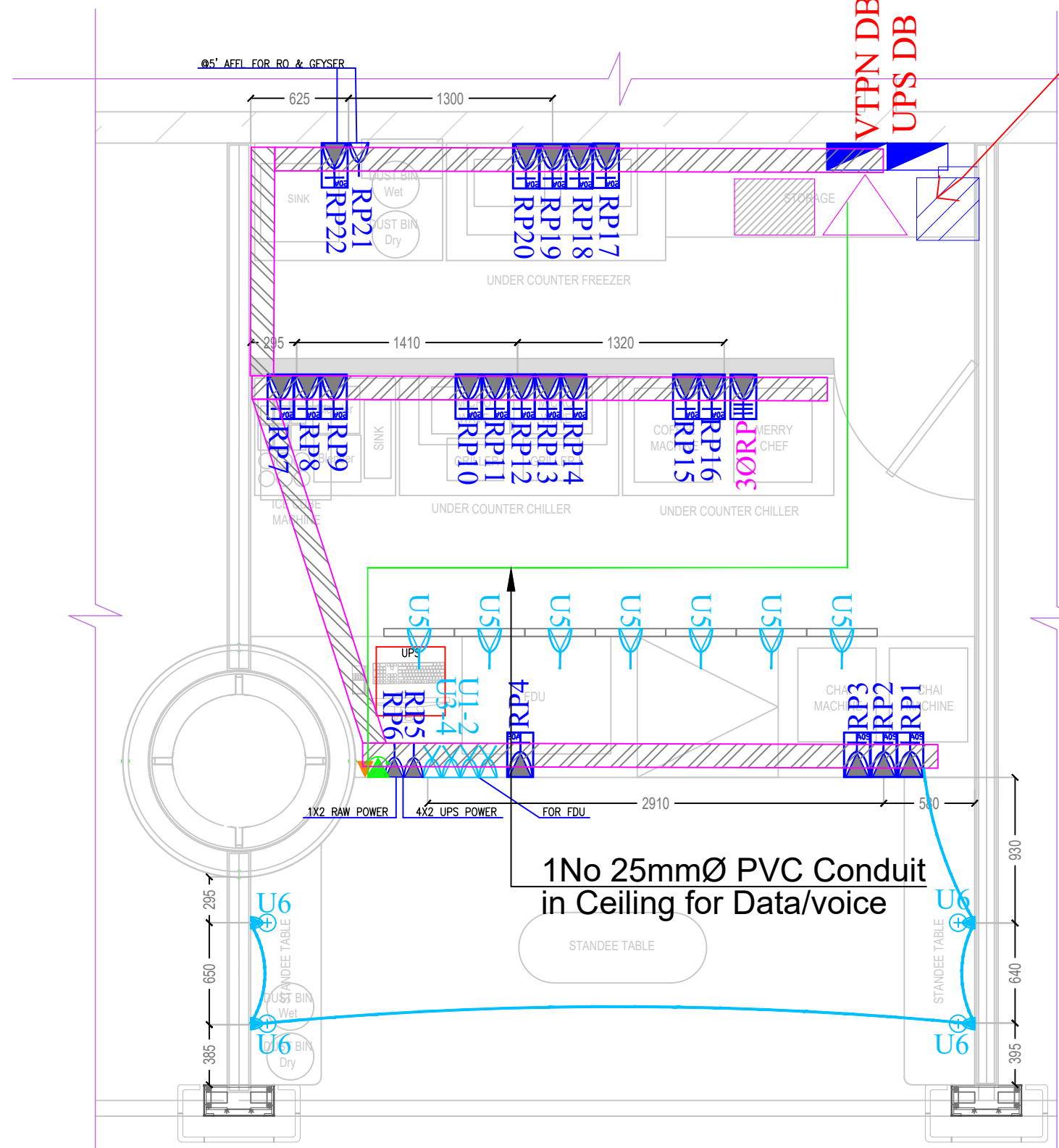
ALL ELECTRIC POINTS TO BE PROVIDED AT 1100MM AFFL UNLESS MENTIONED OTHERWISE

LEGEND:	
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)
	25A (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

1No 25mmØ PVC Conduit in Ceiling for Data/voice

POWER LAYOUT



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DATE  
15.02.2024

DRAWING TITLE

**WATER SUPPLY**

DRAWING NUMB.

**PHE-01**

SCALE

DATE

**03.05.2024**

DESIGN STAGE

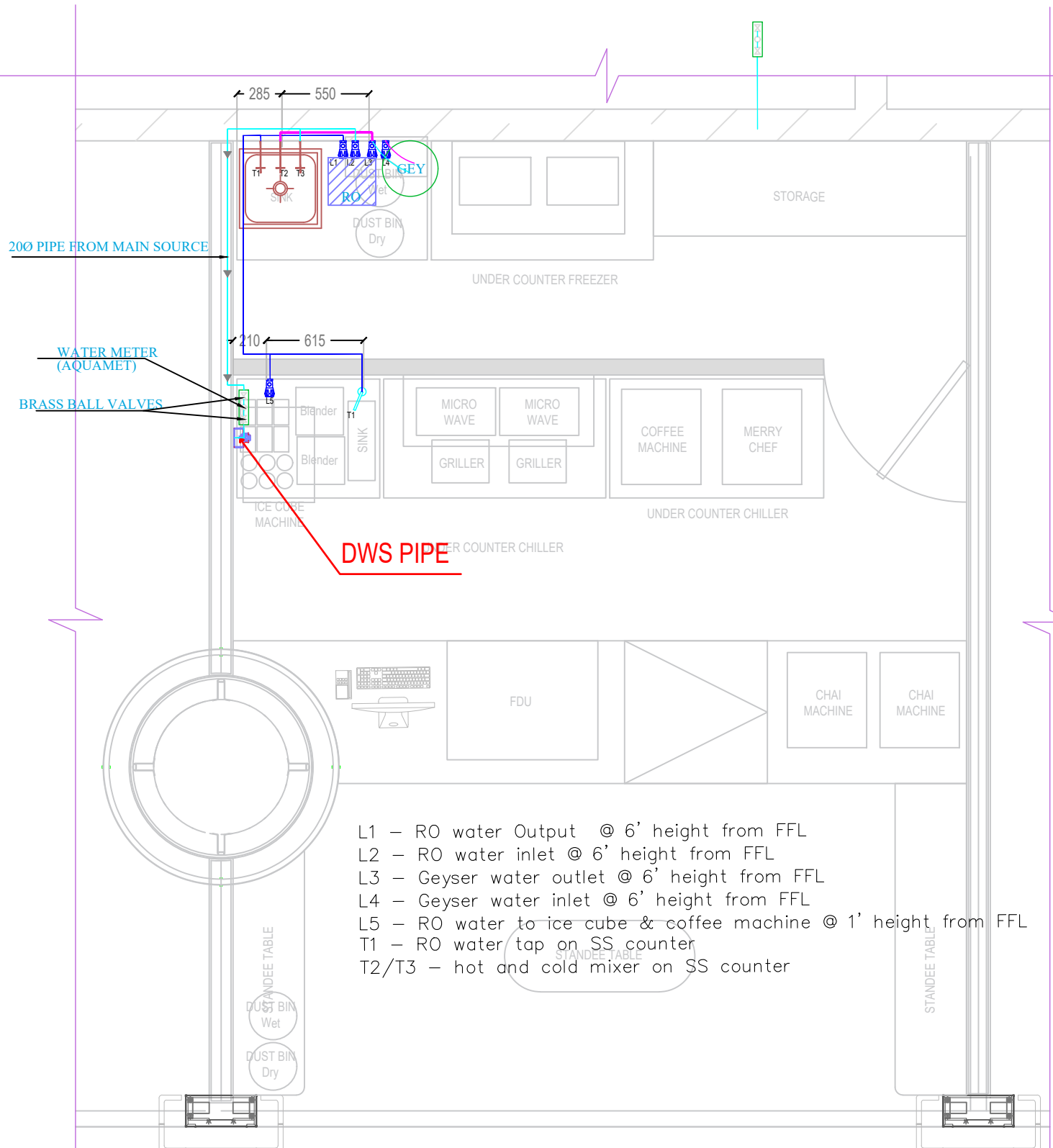
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Design

LEGEND		
☒	SINK	SS STAINLESS STEEL SINK
○	GEY	GEYSER (25LTS CAPACITY)
▨	RO	RO UNIT (50LTS CAPACITY)
●	FT	FLOOR TRAP (1100X750 OUTLET)
— —	CPVC	200 COLD WATER SUPPLY PIPE
— —	CPVC	200 HOT WATER SUPPLY PIPE
— —	CPVC	200 RO WATER SUPPLY PIPE
—+—	TAP	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 @ 1' 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 Set	15.02.2024

DRAWING TITLE

**DRAIN LAYOUT**

DRAWING NUMB.

**PHE-02**

SCALE

DATE

**03.05.2024**

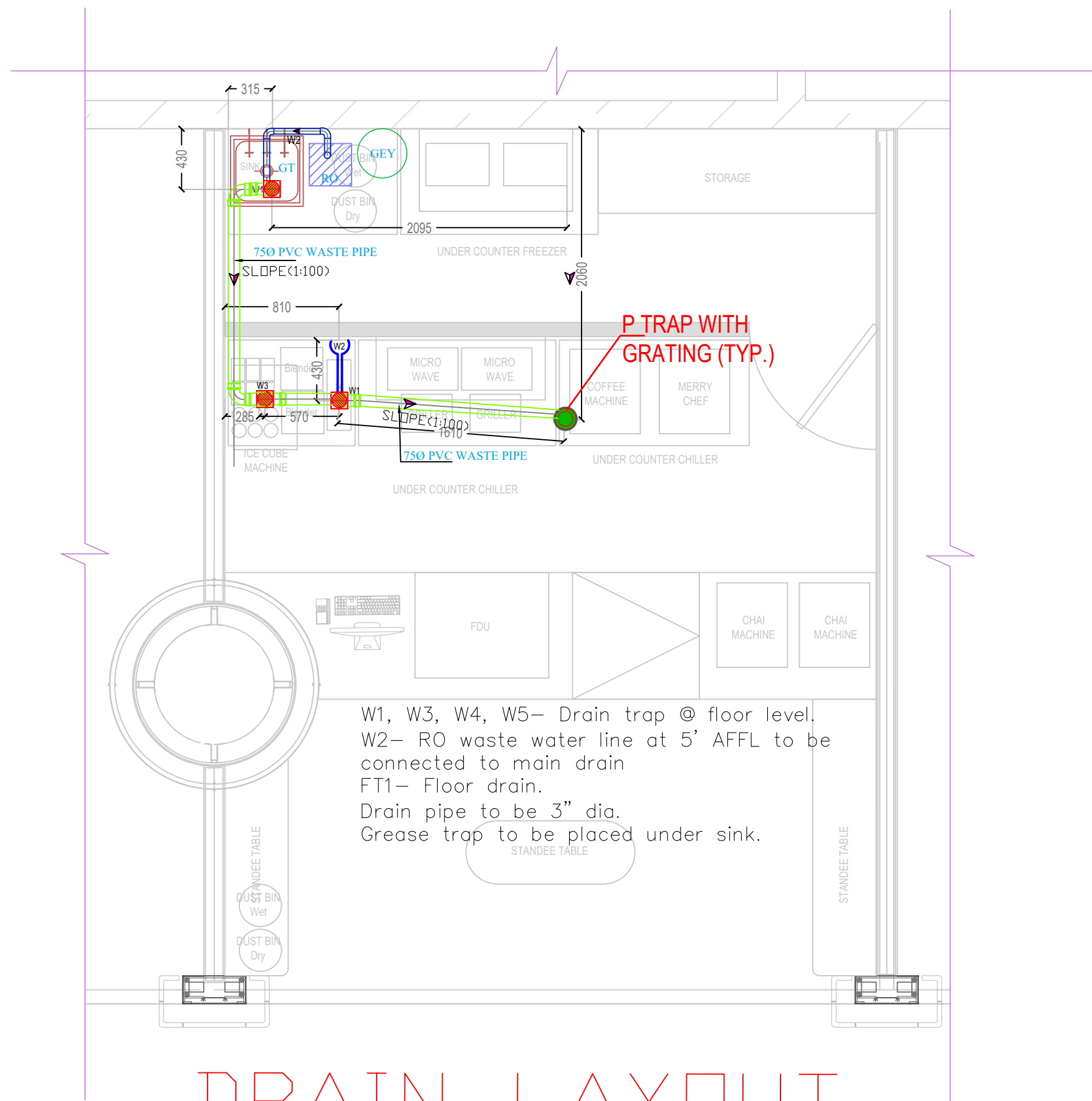
DESIGN STAGE

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Design



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  
**FAS AND FE SYSTEM**  
DRAWING NUMB.  
**EL-06**  
SCALE

DATE  
**03.05.2024**  
DESIGN STAGE  
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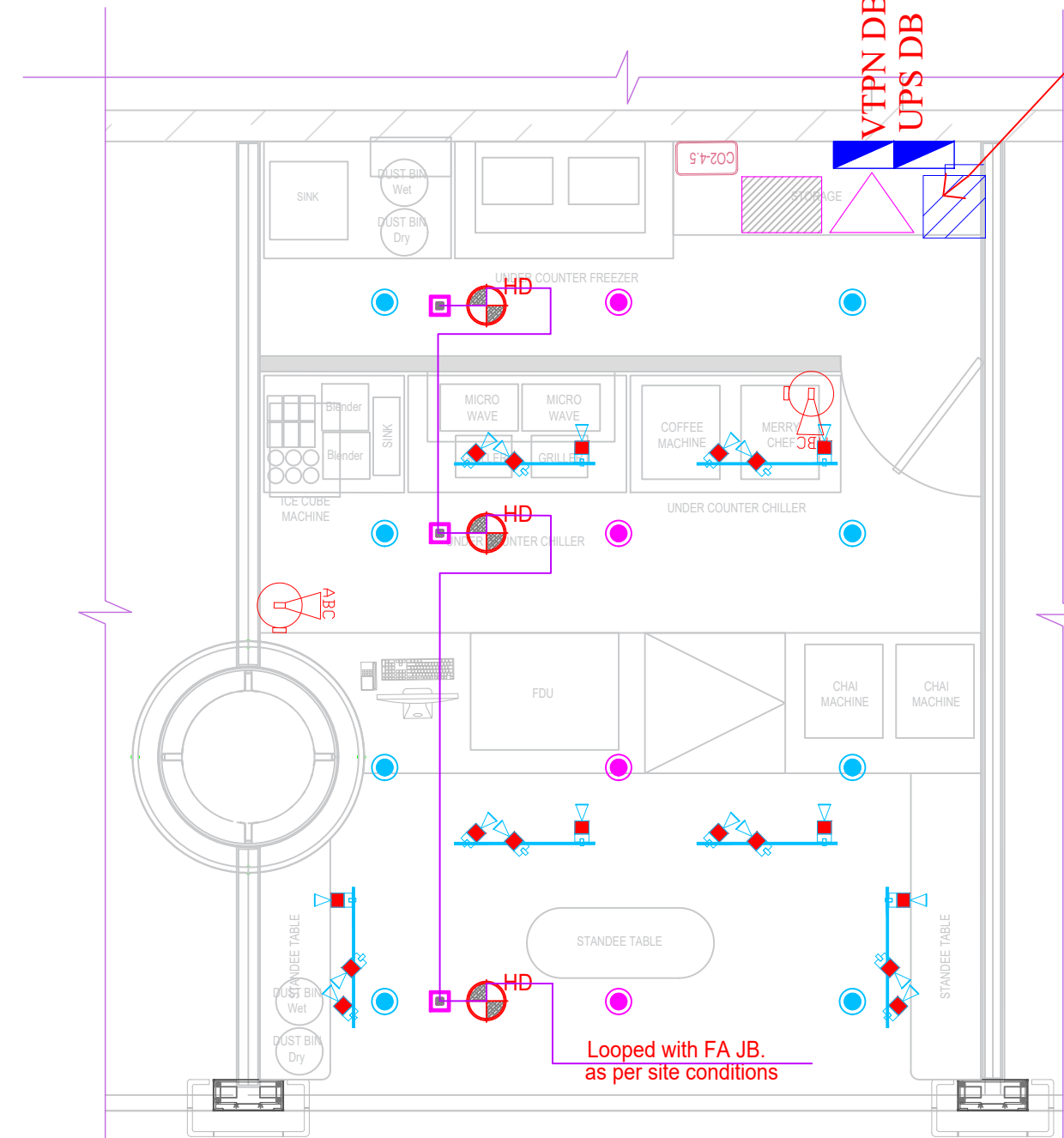
Chai Point  
Design

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VTPN DB  
UPS DB

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)	
	RESPONSE INDICATOR	3
	MANUAL CALL POINT	1
		2CX1.5SQMM ARM.CABLE



Looped with FA JB.  
as per site conditions

# FIRE ALARM SYSTEM AND FIRE EXTINGUISHER LAYOUT

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DRAWING TITLE  
**MAIN SINGLE DIAGRAM**

DRAWING NUMB.

**EL-08**

SCALE

DATE

03.05.2024

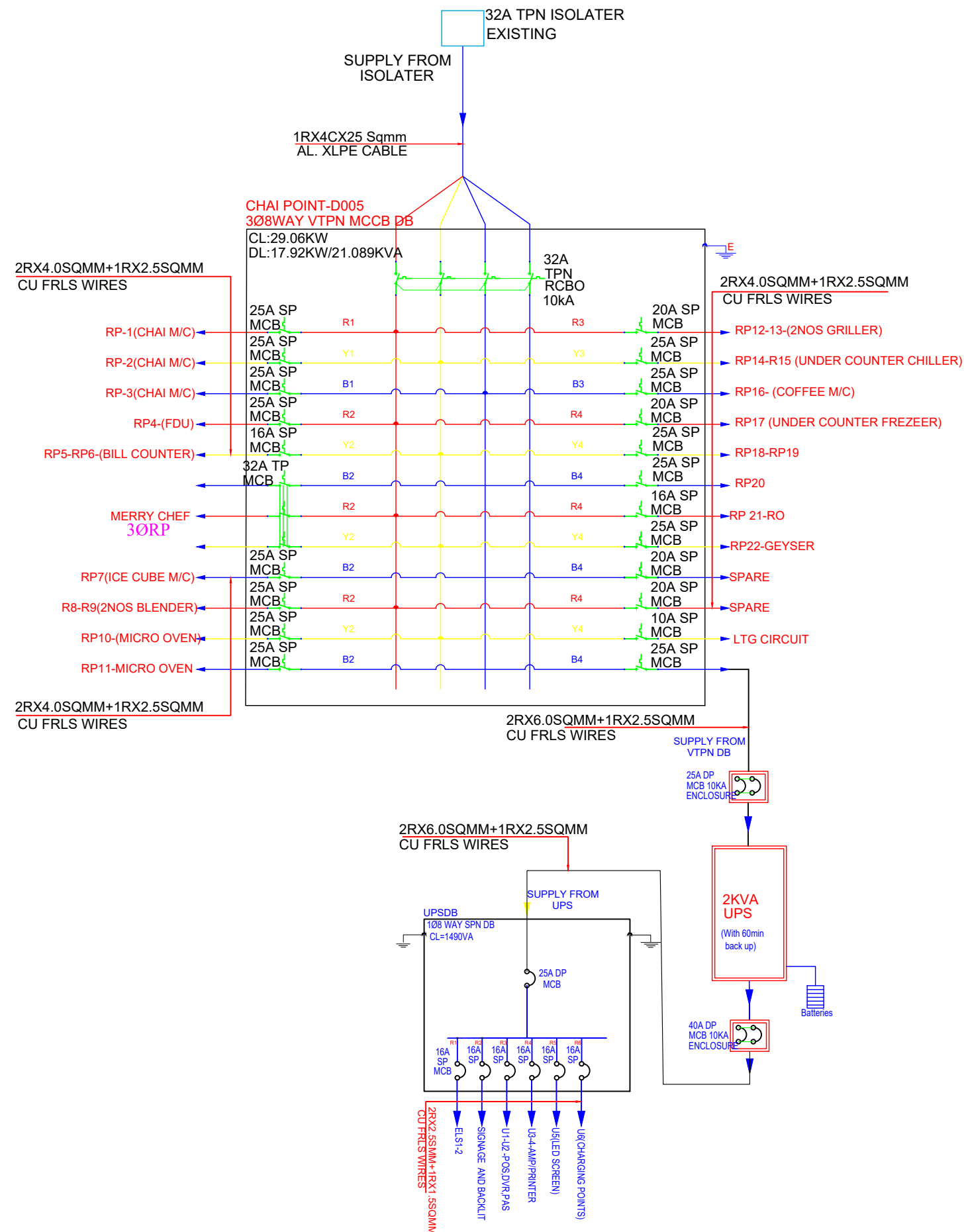
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**MAIN SINGLE LINE DIAGRAM**



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DRAWING TITLE

**EARTHING LAYOUT**

DRAWING NUMB.

**EL-09**

SCALE

DATE

**03.05.2024**

DESIGN STAGE

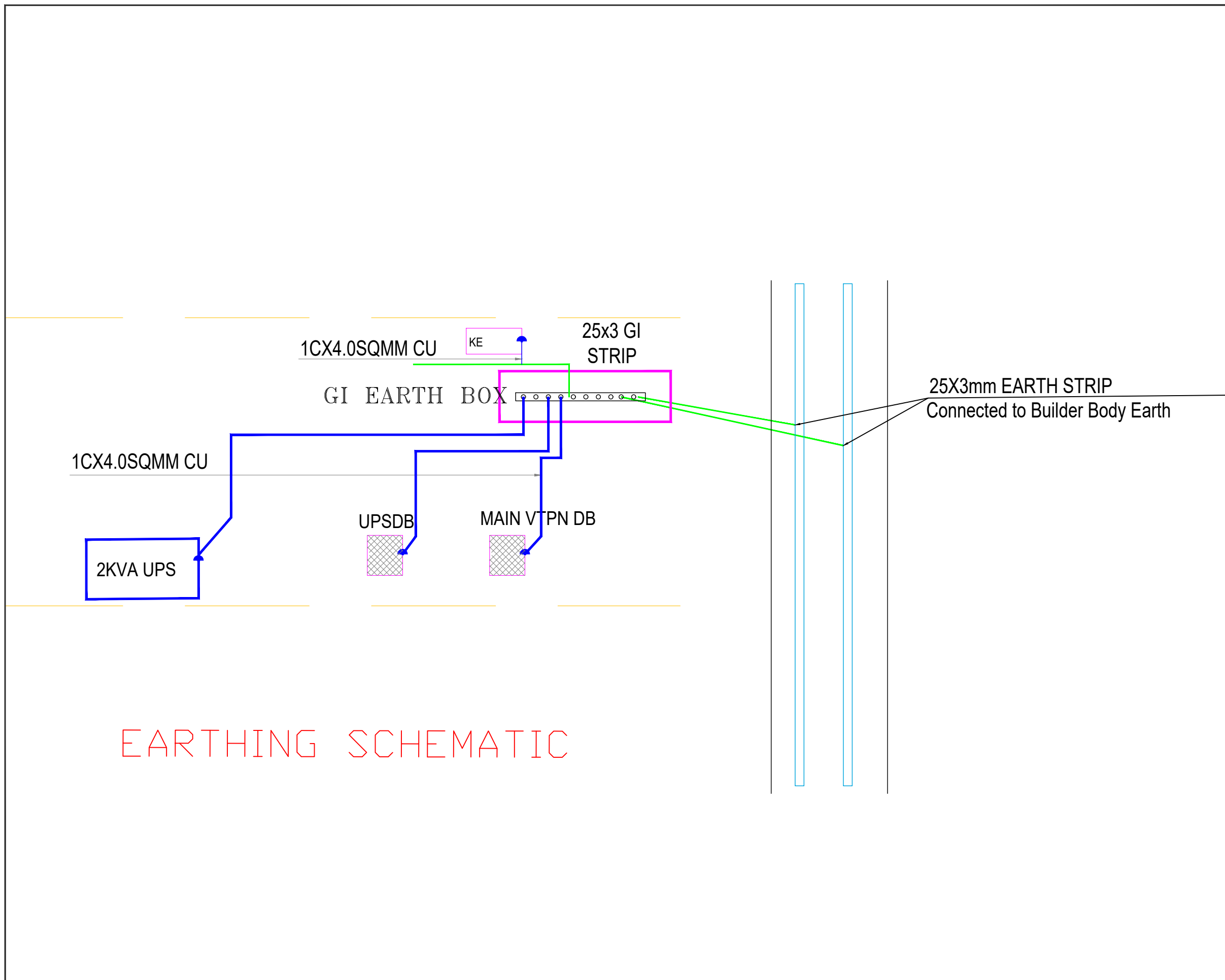
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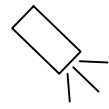
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EARTHING SCHEMATIC



CCTV



DATA POINT



3 U RACK



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ISSUE  
Schematic Set

DATE  
15.02.2024

DRAWING TITLE  
**Data Layout**

DRAWING NUMB.  
**A 119**

SCALE

DATE  
**15.02.2024**

DESIGN STAGE  
**Good for Construction**

REVISION

**R0**

Chai Point  
Design

