

PROJECT

**WANCHAI
T-1 DELHI
FOOD COURT
OUTLET**

NOTE

ALL DIMENSIONS MUST BE CHECKED AND CORRELATED WITH THE SITE MEASUREMENTS AND ANY AMBIGUITY MUST BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ARCHITECTS BEFORE COMMENCEMENT OF THE WORK
ALL DIMENSIONS ON DRAWING TO BE READ AND NOT TO BE MEASURED

REMARKS

CHECKED BY :- AVANTIKA GUPTA

DRAFT BY :- PURNIMA SHARMA

SCALE :- NOT TO SCALE

DATE :- 18-11-2024

REV. NO :-

DRAWING TITLE

ELECTRICAL PLAN

DR. NO. :-

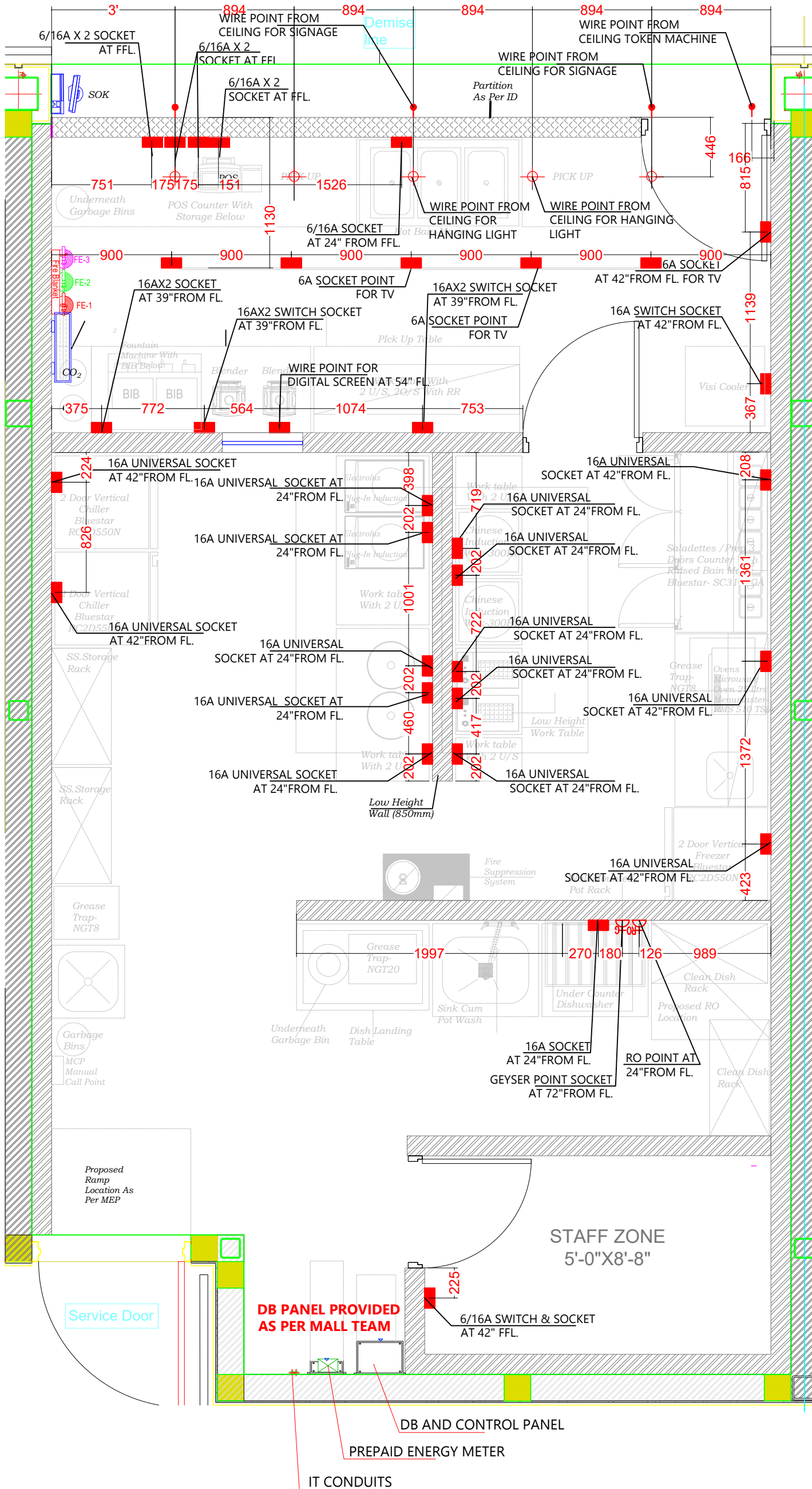
AVIRA

INTERIORS

Phone :- +918076270872

Email :- avirainteriors@gmail.com

website :- avirainteriors.com



PROJECT

**WANCHAI
T-1 DELHI
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DRAFT BY :- PURNIMA SHARMA

SCALE :- NOT TO SCALE

DATE :- 29-11-2024

REV. NO :-

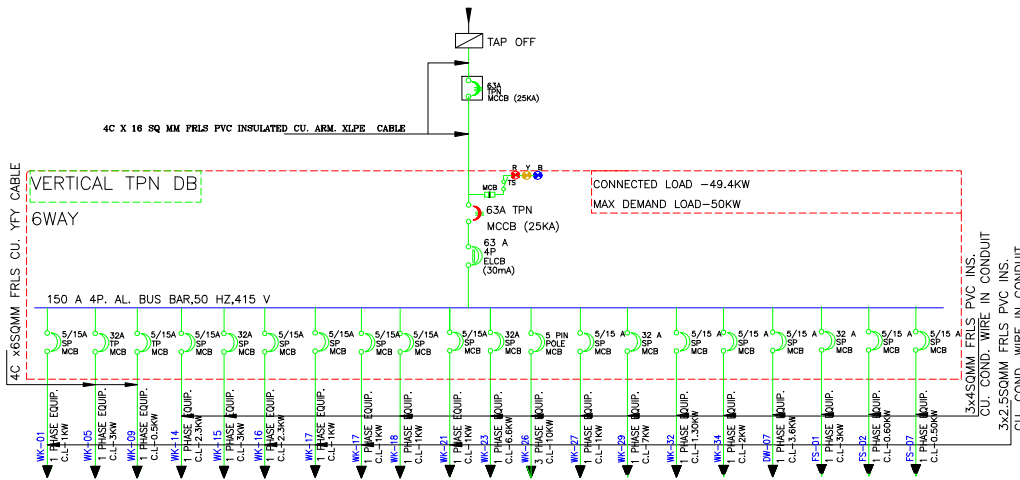
DRAWING TITLE

**SLD FOR POWER
DISTRIBUTION
SYSTEM**

DR. NO. :-

**AVIRA
INTERIORS**

Phone :- +918076270872
Email :- avirainteriors@gmail.com
website :- avirainteriors.com



WANCHAI KITCHEN EQUIPMENT SCHEDULE RELIABLE FOOD COURT DATE: 22-Nov-24

Sl.No	Eq.No	DESCRIPTION	BRAND/MODEL NO	DIMENSIONS(L x W x H FT)	QTY	ELECTRICAL SUPPLY	Per Kw	TOTAL KW	AMPS	TYPE OF SWITCH	CPM
1	WK-01	POS	MAIN METAL FINISH	IT	1	1PH	1.00	1.0	5/15 Amp	Switch Socket	
2	WK-02	REAR TYPING COVER	HAIRNETTING	1017	1						
3	WK-03	POS/FRONT COUNTER WITH TYPING FRONT & REAR	AS PER INTERIOR CARPENTRY	1300 x 675 x 800ML	1						
4	WK-04	POS/FRONT COUNTER WITH TYPING FRONT & REAR	INTERIOR CARPENTRY	1300 x 675 x 800ML	1						
5	WK-05	POS/FRONT COUNTER WITH TYPING FRONT & REAR	INTERIOR CARPENTRY	1300 x 675 x 800ML	1						
6	WK-06	PICK UP COUNTER WITH STORAGE BELOW	AS PER INTERIOR CARPENTRY	1700 x 475 x 800ML	1						
7	WK-07	1500 HUBBING WITH DOOR IN FRONT FOR BACKLASH	CARPENTRY WORK AS PER INTERIOR DESIGNER	1000 x 600 x 1500ML	1						
8	WK-08	602 CYLINDER (3 FOR MOUNTAIN MACHINE)	SOXPOX	STD	1						
9	WK-09	FOUNTAIN MACHINE & TAP	RENTAL SRE/OPS	550 x 610 x 450ML	1	1PH	0.50	0.5	5/15 Amp	Switch Socket	
10	WK-10	BACK COUNTER WITH TIE & GREASE TRAP	AS PER INTERIOR CARPENTRY	1700 x 600 x 900ML	1						
11	WK-11	POS/FRONT COUNTER WITH TYPING FRONT & REAR	INTERIOR CARPENTRY	1300 x 675 x 800ML	1						
12	WK-12	IRON ON CING (IRONING) SHT (20x15x10x150) (2way)	OTEL CARPENTRY WORK	600 x 400 x 1500mm	1						
13	WK-13	SHRIMP TRAP 7mm Gap	NOUBREIN-08	355 x 262 x 100ML	1						
14	WK-14	WORK TABLE WITH 1/2" & 1" LVL	ITC TRIMON	2004 x 700 x 100	1	1PH	2.3	2.3	5/15 Amp	Switch Socket	
15	WK-15	WORK TABLE WITH 1/2" & 1" LVL (10'0" (3'0" OF 10'0" AT MIDDLE OF TABLE)	FABRICATED	1500 x 600 x 1000-1000/15	1	1PH	3.00	3.0	10	Mini Ckt	
16	WK-16	1/2" & 1" LVL (10'0" (3'0" OF 10'0" AT MIDDLE OF TABLE)	BULESTAR-4004AS	645 x 618 x 1070	1	1PH	1.00	1.0	5/15 Amp	Switch Socket	
17	WK-17	SALAD TTRAY/FRIP 3 DOOR COUNTER	BULESTAR-SC100GA	1365 x 570 x 910	1	1PH	1.00	1.00	5/15 Amp	Switch Socket	
18	WK-18	INDUCION OVER 250W	HEMUNAFER- RMD150	500 x 425 x 125	1	1PH	1.60	1.00	5/15 Amp	Switch Socket	
19	WK-19	SHRIMP TRAP	NOUBREIN-08	355 x 262 x 100ML	1						
20	WK-20	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
21	WK-21	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
22	WK-22	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
23	WK-23	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
24	WK-24	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
25	WK-25	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
26	WK-26	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
27	WK-27	DISPENSATION SYSTEM, PRESSERS, GELS & LIDS	FABRICATED	2200 x 2200 x 4000 (Made in 2 parts)	1	3PH	1.00	1.0	5/15 Amp	Switch Socket	2400
28	WK-28	WORK TABLE WITH 1/2" LVL	FABRICATED	2004 x 700 x 100	1						
29	WK-29	PLUG IN INDUCTION NONINDUCTION COOK TOP	HEMUNAFER- RMD150	400 x 400 x 120ML	2	1PH	3.50	7.0	32	Mini Ckt	
30	WK-30	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	

DELHI FOOD COURT

31	WK-31	WORK TABLE WITH 1/2" LVL	FABRICATED	1500 x 700 x 100ML	1	1PH	1.50	1.50	5/15 Amp	Switch Socket	
32	WK-32	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
33	WK-33	WORK TABLE WITH 1/2" LVL	FABRICATED	1500 x 700 x 100ML	1	1PH	1.50	1.50	5/15 Amp	Switch Socket	
34	WK-34	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
35	WK-35	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
36	WK-36	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
37	WK-37	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
38	WK-38	SHRIMP TRAP	NOUBREIN-08	355 x 262 x 100ML	1						
39	WK-39	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
Total Kw:											41.2
DISH WASH SECTION											
1	DW-01	1 SHELF DISH WASHING TABLE W/ GLASS BACK	FABRICATED	1000 x 700 x 850 + 500 x 125 x 10	1						
2	DW-02	UNDERCOUNTER CUP DRAIN	SOX	LOCAL	1						
3	DW-03	SHRIMP TRAP	NOUBREIN-08	355 x 262 x 100ML	1						
4	DW-04	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
5	DW-05	POT WASH CUP DRAIN WASH DRAIN AND CUP DRAIN	FABRICATED	800 x 700 x 810 + 1500PL	1						
6	DW-06	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
7	DW-07	DISPENSATION SYSTEM, PRESSERS, GELS & LIDS	FABRICATED	2200 x 2200 x 4000 (Made in 2 parts)	1	3PH	1.00	1.0	5/15 Amp	Switch Socket	2400
8	DW-08	WORK TABLE WITH 1/2" LVL	FABRICATED	2004 x 700 x 100	1						
9	DW-09	15 DOOR VERTICAL FREEZER WITH LOCKABLE LATCHOR SUPPORT BELOW	FABRICATED	1100 x 700 x 1000-1100PL-4400/15	1	1PH	10.0	10.0	5 PIN POLE INDUSTRIAL SOCKET	MSB	
Total Kw:											3.6
STAFF ROOM											
1	SS-01	MS STAFF LOCKER	FABRICATED/STN	1500 x 500 x 1000ML	2						
SOX											
1	SS-01	NETHER (Cap. As Per MEP)	SOX	QTY CAN BE MODIFIED AS PER MEP	1	1PH	0.50	0.0	32	Mini Ckt	
2	SS-02	INSECT KILLER	SOX		2	1PH	0.50	0.00	5/15 Amp	Switch Socket	
3	SS-03	FIRE EXTINGUISHER 4KG	SOX		2						
4	SS-04	FIRE EXTINGUISHER CO2 4.5KG	SOX		2						
5	SS-05	FIRE EXTINGUISHER 12LBS. ABC	SOX		2						
6	SS-06	FIRE EXTINGUISHER 12LBS. ABC	SOX		2						
7	SS-07	FIRE EXTINGUISHER 12LBS. ABC	SOX		2						
8	SS-08	FIRE EXTINGUISHER 12LBS. ABC	SOX		2						
9	SS-09	FIRE EXTINGUISHER 12LBS. ABC	SOX		2						
10	SS-10	FIRE EXTINGUISHER 12LBS. ABC	SOX		2						
Total Kw:											0.1
EQUIPMENT LOAD IN KW (A+B+C):											44.8

SN	SYMBOL	DESCRIPTION
01		MOULDED CASE CIRCUIT BREAKER
02		MINIATURE CIRCUIT BREAKER-TPN
03		MINIATURE CIRCUIT BREAKER-DP
04		RESIDUAL CURRENT CIRCUIT BREAKER
05		AMMETER
06		AMMETER SELECTOR SWITCH
07		VOLTMETER
08		VOLTMETER SELECTOR SWITCH
09		KILO WATT HOUR METER WITH MDI (MAXIMUM DEMAND INDICATOR)
10		CURRENT TRANSFORMER
12		DIRECT ON LINE STARTER
13		MULTI FUNCTION METER

WANCHAY KITCHEN
EQUIPMENT SCHEDULE
DELHI-FOOD COURT

DATE

27-Nov-24

SR.No.	Eq.No.	DESCRIPTION	BRAND/MODEL NO	DIMENSIONS(L x W x HT)	QTY	ELECTRIC SUPPLY	Per Kw	TOTAL KW	AMPS	TYPE OF SWITCH	CFM
MAIN KITCHEN											
1	WK-01	POS	STD	IT	1	1PH	1.00	1.0	5 / 15 Amp	Switch Socket	
5	WK-05	SS HOT BAIN MARIE WITH 3Nos.1/1x150Deep GN PAN WITH EXTERNAL PANEL (REMOVABLE PARTITION PATTI FOR CONTAINER.)	FABRICATED	1200 x 650 x 850Ht.	1	1PH	3.00	3.0	32	Metal Clad	
9	WK-09	FOUNTAIN MACHINE 4 TAP	RENTAL SOE/OPS	550 x 610 x 645Ht.	1	1PH	0.50	0.5	5 / 15 Amp	Switch Socket	
14	WK-14	Blender with Additional jar 3 HP - 1.5L	JTC- TM-800AQ	250 x 290 x 460	1	1PH	2.3	2.3	5 / 15 Amp	Switch Socket	
15	WK-15	SS WORK TABLE WITH 2 U/S & 2 O/S (O/S OF 375W AT MIDDLE OF TABLE)	FABRICATED	1500 x 650 x 900+450+3000/S	1	1PH	3.00	3.0	32	Metal Clad	
16	WK-16	Visi Cooler -400Ltrs	BILUESTAR- 400Ltrs VC400A	645 x 618 x 2070	1	1PH	1.00	1.0	5 / 15 Amp	Switch Socket	
17	WK-17	SALADETTERS/PREP 3 DOORS COUNTER CHILLER WITH RAISED BAIN MARIE	BLUESTAR- SC3100GA	1365 x 700 x 990	1	1PH	1.00	1.00	5 / 15 Amp	Switch Socket	
18	WK-18	MICROWAVE OVEN - 25Ltrs.	MENUMASTER- RMS 510 TSIA	500 x 425 x 325	1	1PH	1.60	1.00	5 / 15 Amp	Switch Socket	
19	WK-19	GREASE TRAP	NUGREEN-NGT 14	337x 404 x 303Ht.	1						
20	WK-20	SS WORK TABLE WITH SINK ON RHS W/1 OHS & CROSS SUPPORT BELOW	FABRICATED	1300 x 700 x 850+150SPL +(450 O/S 375 W)	1						
21	WK-21	2 DOOR VERTICAL FREEZER WITH LOCKABLE CASTOR WHEEL (2NOS- BREAK IN FRONT & 2NOS, WITHOUT BREAK) HEATING ELEMENT FOR DRAIN	BLUESTAR- RF2D550N	700 x 765 x 1997	1	1PH	1.00	1.00	5 / 15 Amp	Switch Socket	
22	WK-22	WORK TABLE WITH 1 U/S	FABRICATED	325 x 500 x 850Ht.	1						
23	WK-23	SS TABLE TOP ELECTRICAL SINGLE DEEP FAT FRYER	SIRMAN ELDORADO-8LTR	270 x 420 x 360	2	1PH	3.30	6.6	32	Metal Clad	
24	WK-24	SS LOW HEIGHT WORK TABLE WITH 1 U/S	FABRICATED	650 x 500 x 490	1						
25	WK-25	SS LOW HEIGHT WORK TABLE WITH 1 U/S	FABRICATED	550 x 500 x 550	2						
26	WK-26	CHINESE INDUCTION WOK	FABRICATED	450 x 450 x 300Ht.	2	3PH	5.00	10.0	5 PIN POLE INDUSTRIAL SOCKET	MCB	
27	WK-27	EXHAUST HOOD WITH BAFFLE FILTERS & FIRE SUPPRESSION SYSTEM , FRESHER GRILL & LED LIGHTS (BOX TYPE)	FABRICATED	2265 x 2200 x 600Ht. (Made in 2 parts)	1	1PH	1.00	1.0	5 / 15 Amp	Switch Socket	2400
28	WK-28	WORK TABLE WITH 1 U/S	FABRICATED	350 x 500 x 850Ht.	1						
29	WK-29	PLUGIN INDUCTION MONOZONE COOK TOP	ELECTROLUX-E1HDEEOMCS	400 x 600 x 152Ht.	2	1PH	3.50	7.0	32	Metal Clad	
30	WK-30	SS LOW HEIGHT WORK TABLE WITH 1 U/S	FABRICATED	875 x 700 x 698	1						
31	WK-31	WORK TABLE WITH 2 U/S	FABRICATED	450 x 700 x 850Ht.	1						
32	WK-32	TABLE TOP-MOMO STEAMER-CAP 2.5 LITER	PANASONIC- SR-942D	356 x 356 x 254	1	1PH	1.30	1.30	5 / 15 Amp	Switch Socket	
33	WK-33	WORK TABLE WITH 2 U/S	FABRICATED	1050 x 700 x 850Ht.	1						
34	WK-34	2 DOOR VERTICAL CHILLER WITH LOCKABLE CASTOR WHEELS (2 Nos.WITH BREAK INFRONT & 2 Nos. WITHOUT BREAK) & HEATING ELEMENT FOR DRAIN	BLUE STAR-RC2D550N	700 x 765 x 1997	2	1PH	1.00	2.0	5 / 15 Amp	Switch Socket	
35	WK-35	SS STORAGE RACK 4 TIER SHELF	FABRICATED	875 x 450 x 1600	2						
36	WK-36	GARBAGE BIN	SOE	LOCAL	1						
37	WK-37	KNEE OPERATED HAND WASH SINK WITH HOT & COLD WATER CONNECTION & WITH TISSUE HOLDER & SOAP DISPENSER PROVISION OPEN FROM BACK SIDE & DOOR INFRONT	FABRICATED	500 x 500 x 300+450Spl.	1						
38	WK-38	GREASE TRAP	NUGREEN-NGT8	262 x 355 x 280Ht.	1						
39	WK-39	SS WALL MOUNTED CHEMICAL STORAGE RACK	FABRICATED	500 x 450 x 600	1						

DELHI-FOOD COURT

Total Kw-A						41.7				
DISH WASH SECTION										
1	DW-01	4" DEEP DISH LANDING TABLE W/GLASS RACK	FABRICATED	1000 x 700 x 850 + 500+125 O/S	1					
2	DW-02	UNDERNEATH GARBAGE BIN	SOE	LOCAL	1					
3	DW-03	GREASE TRAP	NUGREEN-NGT 20	362 x 503 x 303Ht.	1					
4	DW-04	PRE RINSE SPARY UNIT - DECK MOUNTED	EX-1DP12-HT	STD	1					
5	DW-05	POT WASH CUM DISH WASH SINK AND CROSS SUPPORT WITH STRAINER BASKET (650 x 500 x 250 Deep)	FABRICATED	800 x 700 x 850 + 150SPL	1					
6	DW-06	SS WALL MOUNTED RACK 2 SHELF	FABRICATED	750 x 500 x 600	1					
7	DW-07	DISHWASHER UNDERCOUNTER MACHINE	ELECTROLUX- 400202	600 x 648 x 820	1	1PH	3.60	3.6	5 / 15 Amp	Switch Socket
Total Kw-B								3.6		
STAFF ZONE										
1	SZ-01	MS. STAFF LOCKER	FABRICATED/STD	450 x 300 x 1500Ht.	7					
SOE										
1	FS-01	GEYSER (Cap. As Per MEP)	SOE	QTY CAN BE MODIFIE AS PER MEP	1	1PH	3.00	3.0	32	Metal Clad
2	FS-02	INSECT KILLERS	SOE		2	1PH	0.30	0.60	5 / 15 Amp	Switch Socket
7	FS-07	AIR CURTAIN	SOE		1	1PH	0.50	0.50	5 / 15 Amp	Switch Socket
Total Kw-C								4.1		
EQUIPMENT LOAD IN Kw-(A+B+C)								49.4		

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CAMERA LAYOUT PLAN

DR. NO. :-

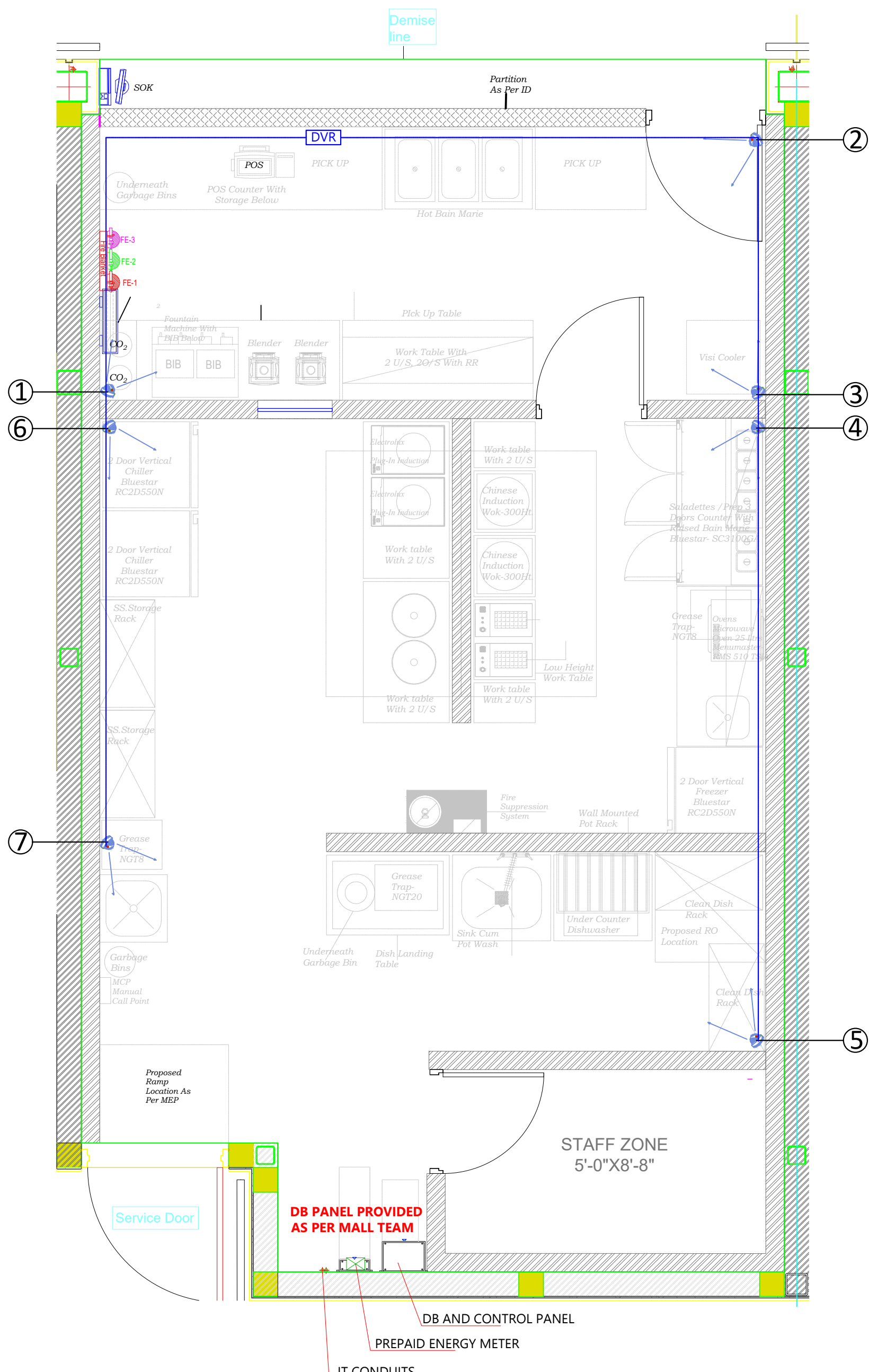
AVIRA

INTERIORS


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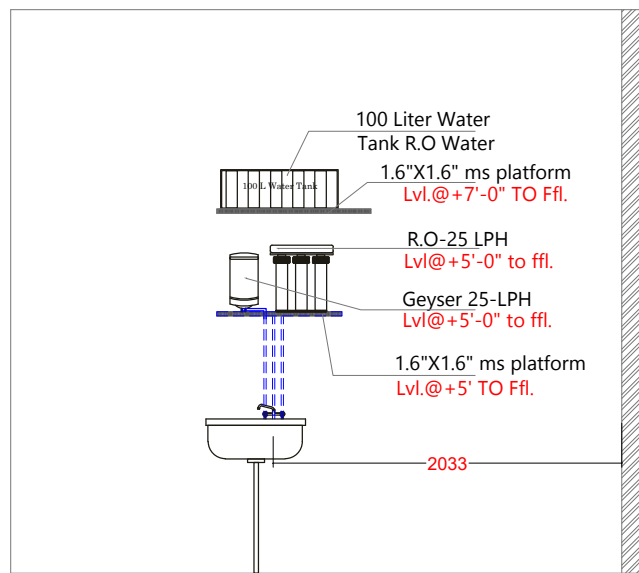
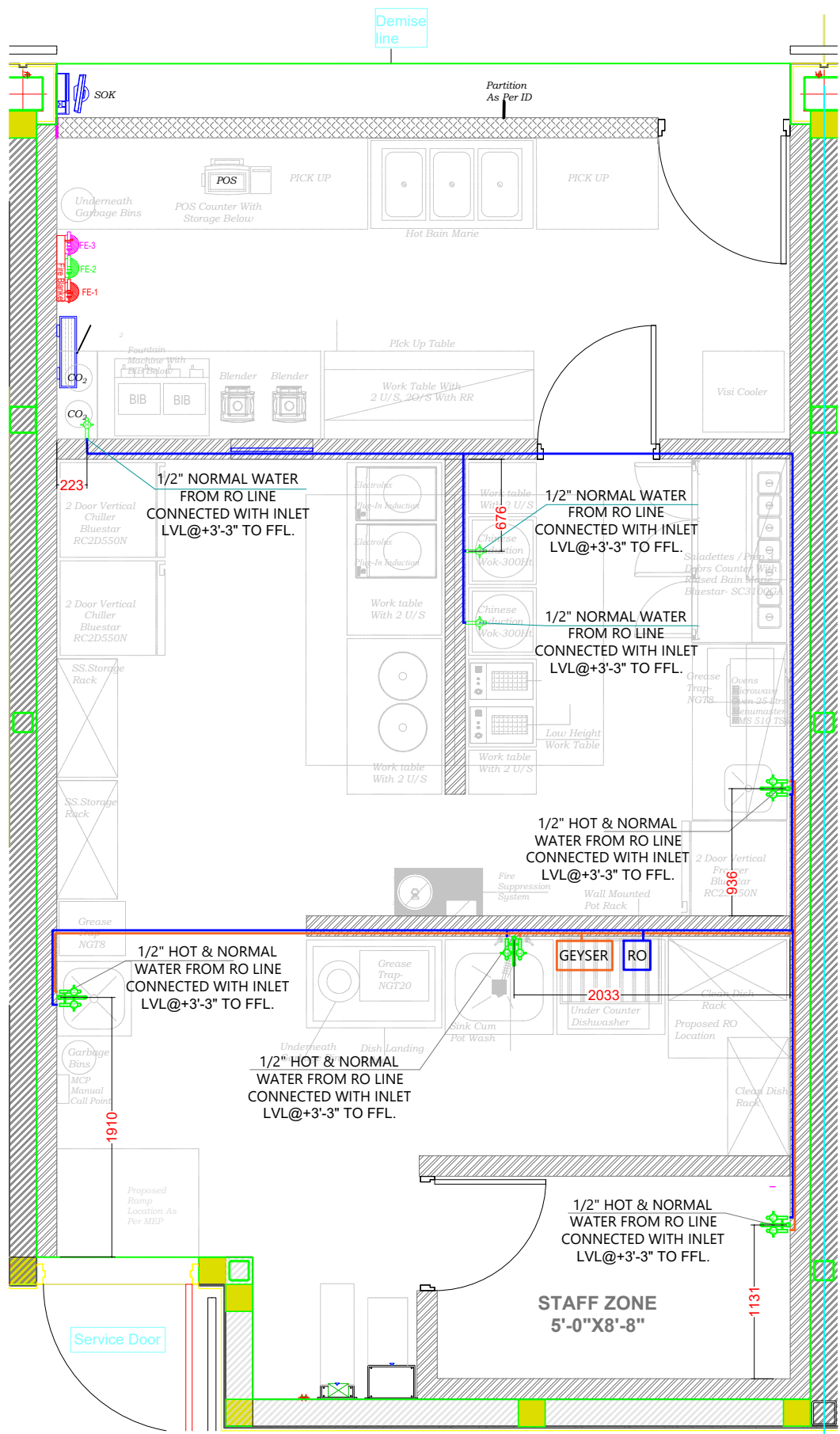
Email :- avirainteriors@gmail.com

website :- avirainteriors.com



CCTV LEGEND:-

SNO	SYMBOL	DESCRIPTION	QTY.
1.		CCTV	7



ELEVATION

LEGEND:-	
	HOT WATER LINE
	NORMAL WATER LINE
	GEYSER
	RO
	INLET TAP POINT

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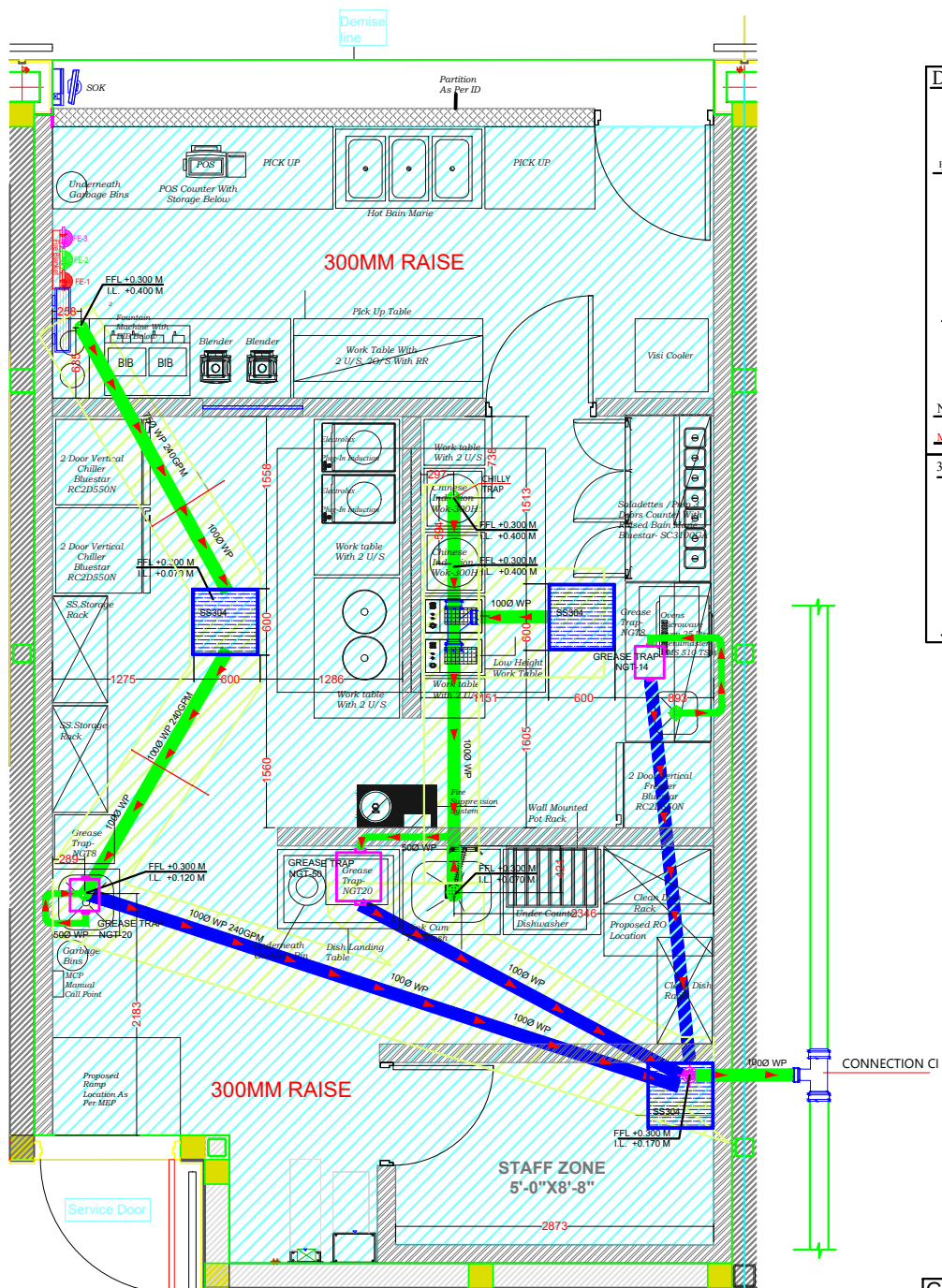
DRAWING TITLE

PLUMBING PLAN

DR. NO. :-

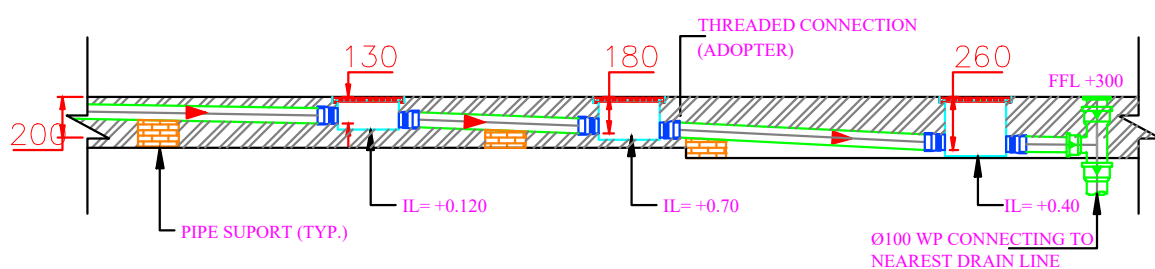
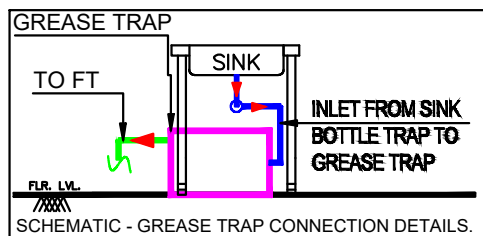
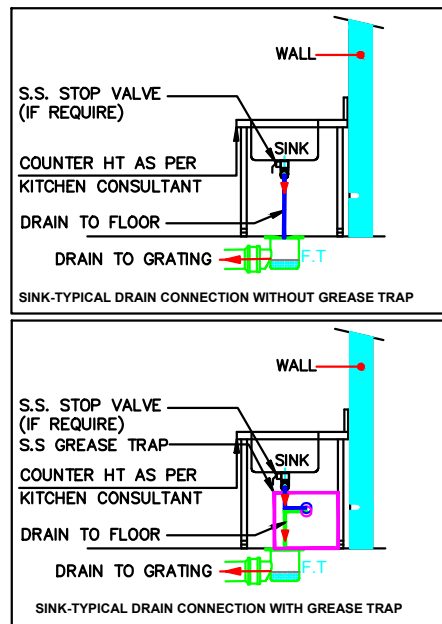
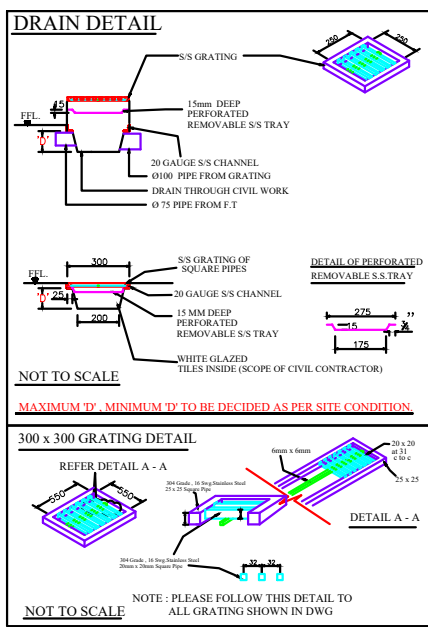
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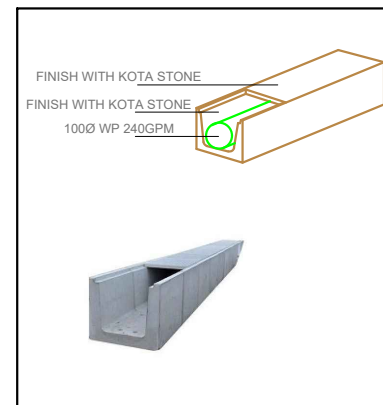


LEGEND:-

	WASTE PIPE (SLOPE 1:80)
	GREASE TRAP LINE
	600X600X25mm CHAMBER
	600X300X25mm CHAMBER
	TRAP POINT
	FLOW DIRECTION



DRAINAGE PIPE SUPPORT DETAILS



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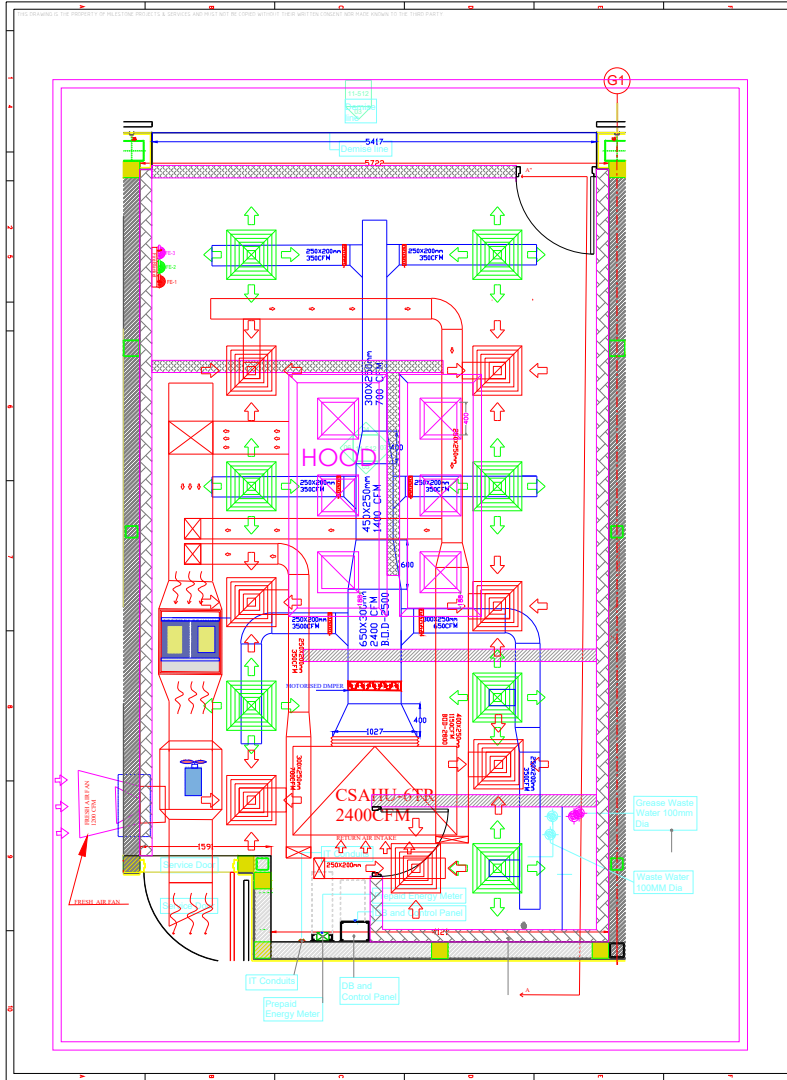
WANCHAI, DELHI@T1- GREASE TRAP CALCULATION @ MAXIMUM FLOW RATE OF SINKS (3 NOS)		
R1	DATE	29.11.2024

Sr. No.	Description		
Step -01	WK-37 Sink Size (500mmx500mmx 300mm)	20*20*12	In in.
Step -02	Sink Capacity (Cu. In.)	4800	Cu. In.
Step -03	No of Sink	1	Nos
Step -04	Capacity of 1 nos of Sinks (Cu. In.)	4800	Cu. In.
Step -05	Capacity of 1 nos of Sinks in GPM (Capacity in Cu.Mt/231)	20.7	GPM
Step -06	Adjust for Displacement (GPM x 0.75)	15.52	GPM
Step -07	Sink Capacity in LPM (GPM of displacement x 3.76)	58.35	LPM
	Sink tap can not be be continuously keep in open condition , and hence considered 50% overall diversity for flow rate	29.17	LPM

In view of the above 34.3 LPM grease trap model NGT-20 with 38Lit holding capacity is proposed

Sr. No.	Description		
Step -01	WK-20 Sink Size (375mmx375mmx300mm)	15*15*12	In in.
Step -02	Sink Capacity (Cu. In.)	2700	Cu. In.
Step -03	No of Sink	1	Nos
Step -04	Capacity of 1 nos of Sinks (Cu. In.)	2700	Cu. In.
Step -05	Capacity of 1 nos of Sinks in GPM (Capacity in Cu.Mt/231)	11.68	GPM
Step -06	Adjust for Displacement (GPM x 0.75)	8.76	GPM
Step -07	Sink Capacity in LPM (GPM of displacement x 3.76)	32.93	LPM
	Sink tap can not be be continuously keep in open condition , and hence considered 50% overall diversity for flow rate	16.46	LPM
In view of the above 25.5 LPM grease trap model NGT-14 with 28 Lit holding capacity is proposed			

Sr. No.	Description		
Step -01	DW-05Sink Size (800mmx700mmx 850mm)	32*28*12	In in.
Step -02	Sink Capacity (Cu. In.)	10752	Cu. In.
Step -03	No of Sink	1	Nos
Step -04	Capacity of 1 nos of Sinks (Cu. In.)	10752	Cu. In.
Step -05	Capacity of 1 nos of Sinks in GPM (Capacity in Cu.Mt/231)	46.54	GPM
Step -06	Adjust for Displacement (GPM x 0.75)	34.90	GPM
Step -07	Sink Capacity in LPM (GPM of displacement x 3.76)	131.22	LPM
	Sink tap can not be be continuously keep in open condition , and hence considered 50% overall diversity for flow rate	65.61	LPM
In view of the above 72 LPM grease trap model NGT-50 with 95Lit holding capacity is proposed			



NOTES:

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2. ALL LEGS ARE IN MILLIMETERS.
3. ALL CLEARANCES FOR BUILDING ACCESSORIES TO BE GOT APPROVED PRIOR TO PROCEEDING WITH CONSTRUCTION.
4. ALL EXTERIOR WINDOWS AND DOORS GLASS SHALL BE DOUBLE GLASS.
5. ALL EMERGENCY EXIT DOORS SHALL HAVE "PANELED HANDLE".
6. ALL EXTERIOR WALLS SHALL BE FINISHED.
7. FOR TIE UP & STAKE OUT, CONSULT WITH LOCAL TALENT & CONTRACTOR DRAWING.

KEY PLAN :-

LEGENDS

- SUPPLY/RETURN GRILL 600X600mm
- SUPPLY AIR DUCT
- AIR HANDLING UNIT
- MOTORIZED DAMPER
- DROPPER SIZE 200X150mm
- FRESH AIR FAN
- EXHAUST AIR FAN
- MARK AREA

REV. NO.	REV. BY	DESCRIPTION
1	CHK	REV-0

NEW DELHI

PROJECT: RETAILS SHOP

PROJECT LOCATION:-

TITLE :- DUCTING AND AHU DRAWING

PROJECT CONSULTANT :- NA

PROJECT CONTRACTOR :-

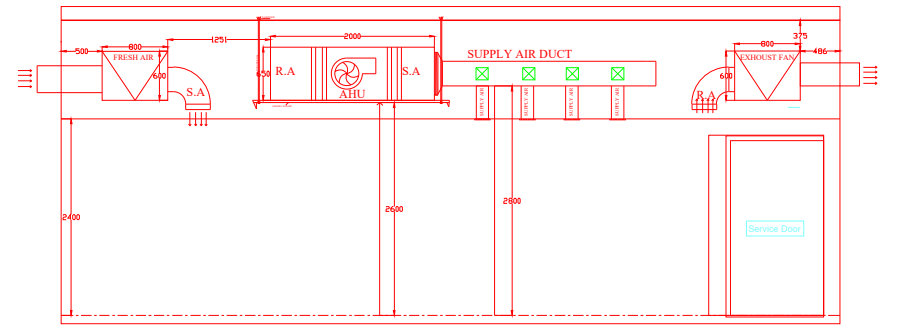
DRAWING NO. :-

SCALE :-	M.T.S	NAME	DATE
-	-	MR. Parashr. Singh	30-11-2024

DRAWN BY :- MR. Parashr. Singh

CHECKED BY :-

APPROVED BY :-



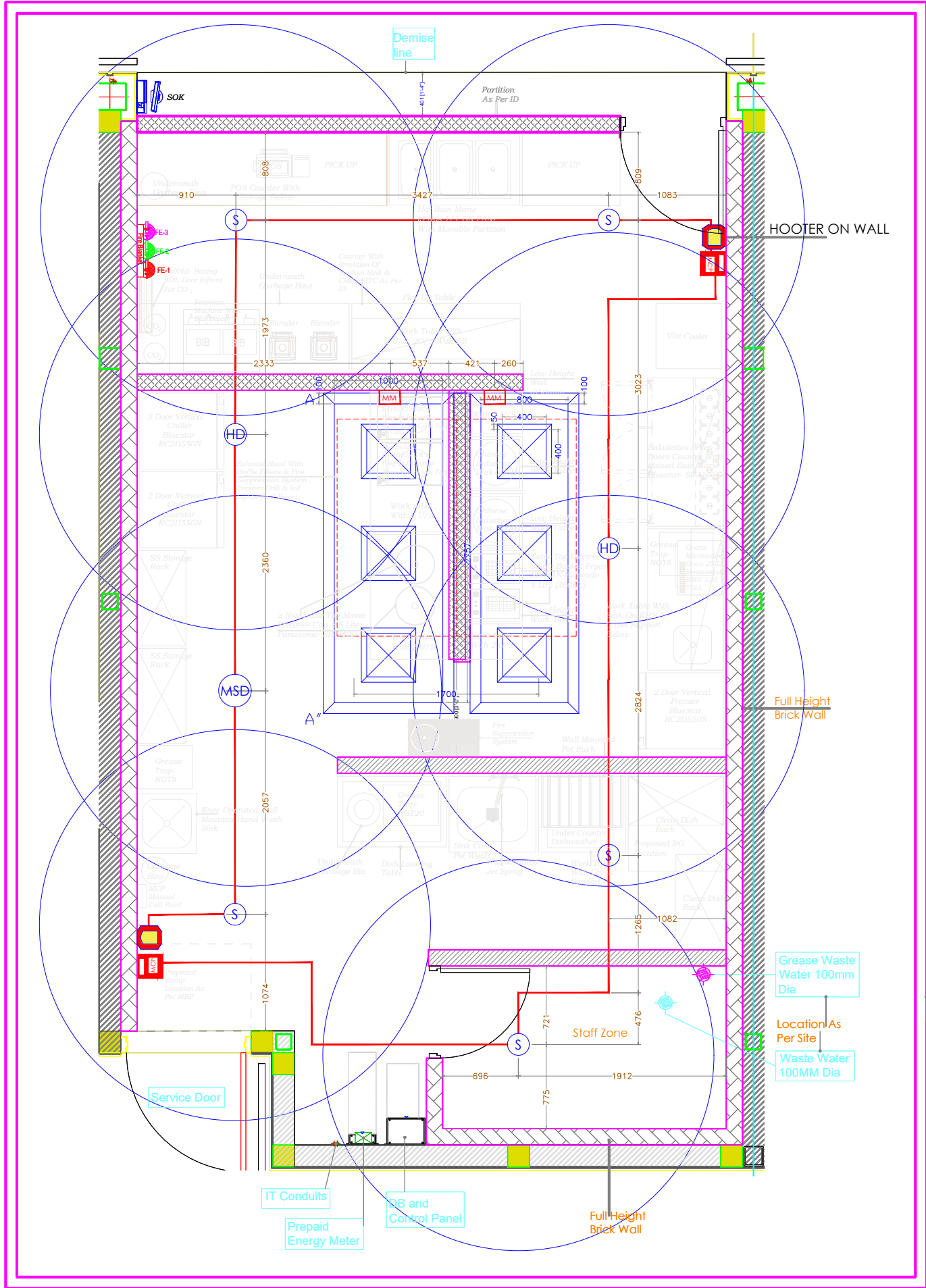
SECTION A-A''

PROJECT		RETAILS						FLOOR		GROUND FLOOR				
LOCATION		Delhi						SPACE REFERENCE		RETAIL-01				
CLIENT								AREA (SqFt) (WxL)		578.00				
CONSULTANT								Falce Ceiling Height (Ft)		8.00				
								Volume (CuFt)		4,624.00				
Item		Area or Quantity		Sun Gain or Temp. Diff.		Factor (U)	Btu/Hour	Watts	Estimate for		Summer			
									Design Conditions		DB (°F)	WB (°F)	RH (%)	HR (Gr/Lb)
									Ambient(Out Side)		110.00	75.00	20.00	75.00
									Room (InDoor)		73.00	62.50	55.00	65.00
									Difference Δ		37.00			10.00
ROOM HEAT														
ROOM SENSIBLE HEAT														
Solar Gain - Glass		Area			ΔT		U							
Glass - N		150.50	SqFt	x	13.00		x	0.65	1,271.73					
Glass - NE			SqFt	x			x	0.65	0.00					
Glass - E			SqFt	x	13.00		x	0.65	0.00					
Glass - SE			SqFt	x			x	0.65	0.00					
Glass - S			SqFt	x	14.00		x	0.65	0.00					
Glass - SW			SqFt	x			x	0.65	0.00					
Glass - W			SqFt	x	145.00		x	0.65	0.00					
Glass - NW			SqFt	x			x	0.65	0.00					
Skylight			SqFt	x			x		0.00					
Solar & Transmission Gain - Walls & Roof														
Wall - N			SqFt	x	26.00	F	x	0.43	0.00					
Wall - NE			SqFt	x		F	x	0.43	0.00					
Wall - E		172.00	SqFt	x	31.00	F	x	0.43	2,292.76					
Wall - SE			SqFt	x		F	x	0.43	0.00					
Wall - S		129.00	SqFt	x	43.00	F	x	0.43	2,385.21					
Wall - SW			SqFt	x		F	x	0.43	0.00					
Wall - W		199.00	SqFt	x	37.00	F	x	0.43	3,166.09					
Wall - NW			SqFt	x		F	x	0.43	0.00					
Roof			SqFt	x	46.00	F	x	0.28	0.00					
Transmission Gain - Except Walls & Roof														
Glass transmission			SqFt	x	35.00	F	x	1.13	0.00					
Partition		308.00	SqFt	x	30.00	F	x	0.31	2,864.40					
Ceiling		578.00	SqFt	x	30.00	F	x	0.57	9,883.80					
Floor		578.00	SqFt	x	30.00	F	x	0.57	9,883.80					
INFILTRATION AND BY PASSED AIR														
Infiltration		34.00	CFM	x	37.00	T.Diff	x	1.08	1,358.64					
Outside Air		59.68	CFM	x	37.00		x	BFx1.08	238.48					
Internal Heat														
People		5.00	Nos.	x	245.00	Btu/Hour Per Person			1,225.00					
Lighting		578.00	SqFt	x	1.00	W/SqFt	x	3.42	1,973.87					
Equipments		578.00			1.50	W/SqFt	x	3.42	2,960.81					
Power		3.00	kW/HP	x	325.00				975.00					
									40,479.58					
Factor								5-15%	4,047.96					
Effective Room Sensible Heat									44,527.54	1.00				
ROOM LATENT HEAT														
Infiltration		34.00	CFM	x	10.00	Gr/Lb	x	0.68	231.20					
Outside Air		59.68	CFM	x	10.00	Gr/Lb	x	BFx0.68	40.58					
People		5.00	Nos.	x	205.00	Btu/Hour Per Person			1,025.00					
Sub Total									1,296.78					
Factor								2.5 - 5%	64.84					
Effective Room Latent Heat									1,361.62	2.00				
EFFECTIVE ROOM TOTAL HEAT														
									45,889.16					
OUTSIDE AIR HEAT														
Sensible		59.68	CFM	x	37.00	F(TD)	x	CF x 1.08	2,146.33	3.00				
Latent		59.68	CFM	x	10.00	Gr/Lb	x	CF x 0.68	365.24	4.00				
OUTSIDE AIR TOTAL HEAT														
GRAND SUB-TOTAL HEAT									2,511.57					
Factor								1 - 3%	1,452.02					
GRAND TOTAL HEAT														
									49,852.76					
TONS=GRAND TOTAL HEAT/12000														
									4.15					

INPUT VALUES ARE TO BE GIVEN IN BLUE COLOR BOXES ONLY

By Pass Factor (BF)				=		0.10	
Contact Factor (CF = 1 - BF)				=		0.90	
CFM Ventilation							
CFM Per Person		5.00	CFM	x	5.00	=	25.00
CFM Per SqFt		0.06	Sqft	x	578.00	=	34.68
FRESH AIR REQUIRED =						59.68	
CFM Infiltration							
Swinging double door			x		cfm/door =	0.00	
DOOR		20.00	x	1.00	cfm/door =	20.00	
WINDOW		14.00	x	1.00	cfm/ft =	14.00	
						34.00	
Supply CFM from Machine							
Effective Room Sensible Heat Factor =							
Effective Room Sensible Heat/Eff Room Total Heat				=		0.97	
Apparatus Dew Point (ADP)							
Indicated ADP (°F)				=			
Selected ADP (°F)				=		54.00	
Dehumidified Rise							
(Room DB - ADP) x CF				=		17.10	
DEHUMIDIFIED AIR QUANTITY							
Effective Room Sensible Heat				=		2,411.06 CFM	
Dehumidified Rise x 1.08				=		1,133.20 L/s	
TOTAL HEAT CAPACITY							
Grand Total Heat				=		4.15 TR	
SENSIBLE HEAT CAPACITY							
Grand Sensible Heat				=		4.15 TR	
12,000.00							
Notes:							

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Wanchai Kitchen Layout
@ Delhi-T1 FC-221024

- NOTES :**
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 2. ALL LEVELS ARE IN MILLIMETERS
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 4. ALL EXTERIOR WINDOWS AND DOORS GLAZING SHALL BE DOUBLE GLASS
 5. ALL EMERGENCY EXIT DOORS SHALL HAVE " PANIC HARDWARE "
 6. ALL DOWN SPOUTS SHALL BE HIDDEN.
 7. FOR TOILET & STAIRCASE AREAS REFER DETAIL TOILET & STAIRCASES DRAWINGS

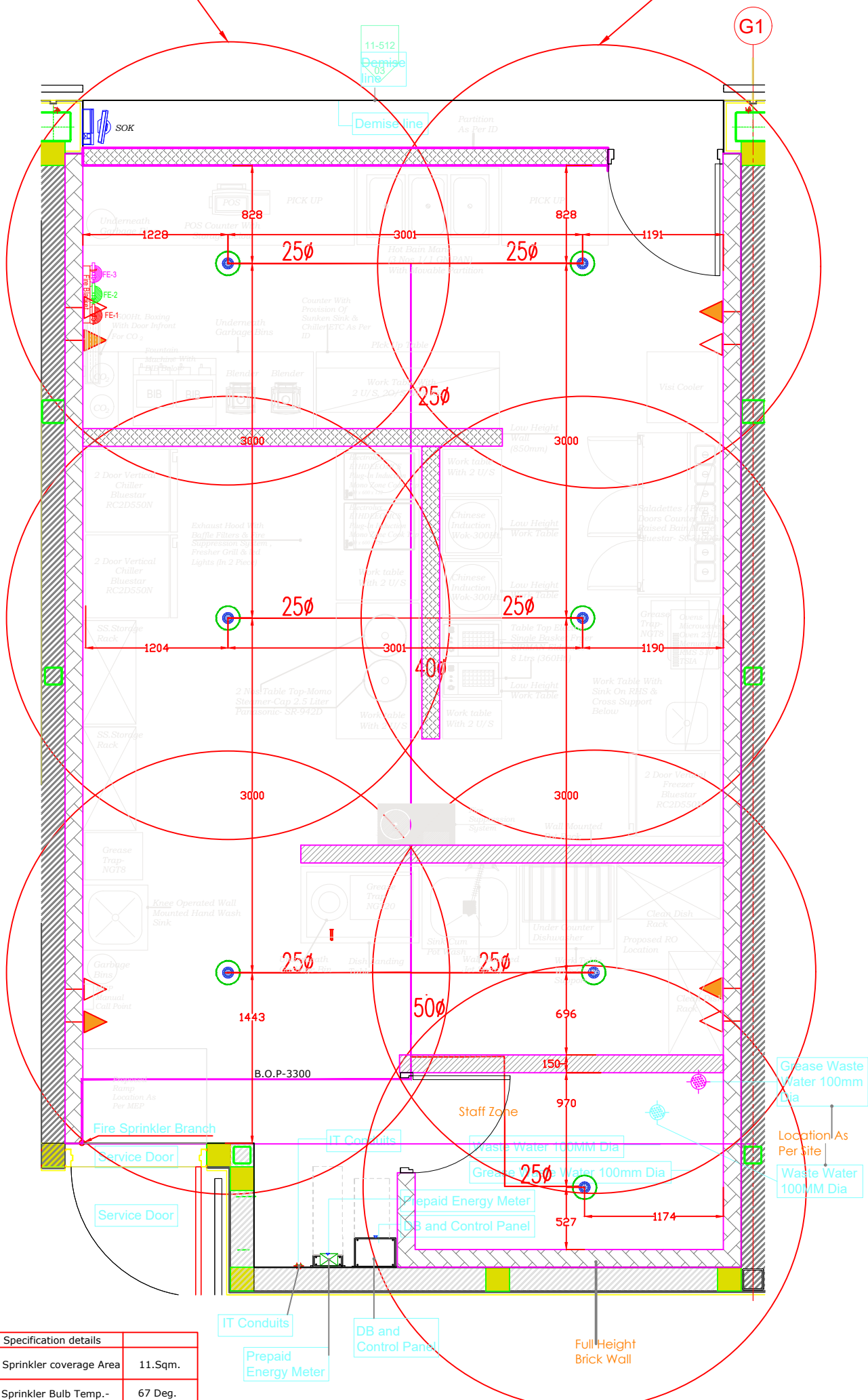
**KEY PLAN :-
LEGENDS**

SYMBOL	DESCRIPTION
(S)	FIRE SMOG DETECTOR
MCP	MANUAL CALL POINT
Hooter	HOOTER
—	WIRE(2CX1.5 Sqmm) FRLS,ARMED
MM	MONITOR MODULE
(MSD)	MULTI SENSOR DETECTORS
(HD)	HEAT SENSOR DETECTORS

REV.	REV.BY	CHK.	DESCRIPTION
REVISION			REV-0
NEW DELHI			
PROJECT:- RETAILS SHOP			
PROJECT LOCATION:-			
TITLE : -FIRE ALARM DRAWING			
PROJECT CONSULTANT :- NA			
PROJECT CONTRACTOR :- -			
DRAWING NO.	--		
SCALE :- N.T.S	NAME	DATE 17-12-2024	
DRAWN BY	- MR. Prakash kr. singh		
CHECKED BY	-		
APPROVED BY	-		

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SPRINKLER COVERAGE AREA DRAWING



Symbol	Specification details	
	Sprinkler coverage Area	11.Sqm.
	Sprinkler Bulb Temp.-	67 Deg.
	Sprinkler Bulb Colour.-	Orange.

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KEY PLAN :-

LEGENDS

SYMBOL	DESCRIPTION	QTY.
	CEILING MOUNTED SPRINKLER	6 NOS
	BRANCH PIPE	
	MAIN HYDRANT PIPE	

DETAILS OF SPRINKLERS & PIPE

S.NO:	PIPE SIZE.	QTY. OF SPRINKLER
1.	25φ	1-2
2.	40φ	4-6
3.	50φ	7-9

DETAILS OF FIRE FIGHTING

1.		CO2 FIRE EXTINGUISHER 6KG
2.		DRY POWDER FIRE EXTINGUISHER 6KG

REV.	REV.BY	CHK.	DESCRIPTION
REVISION			REV-0

NEW DELHI

PROJECT:- RETAILS SHOP

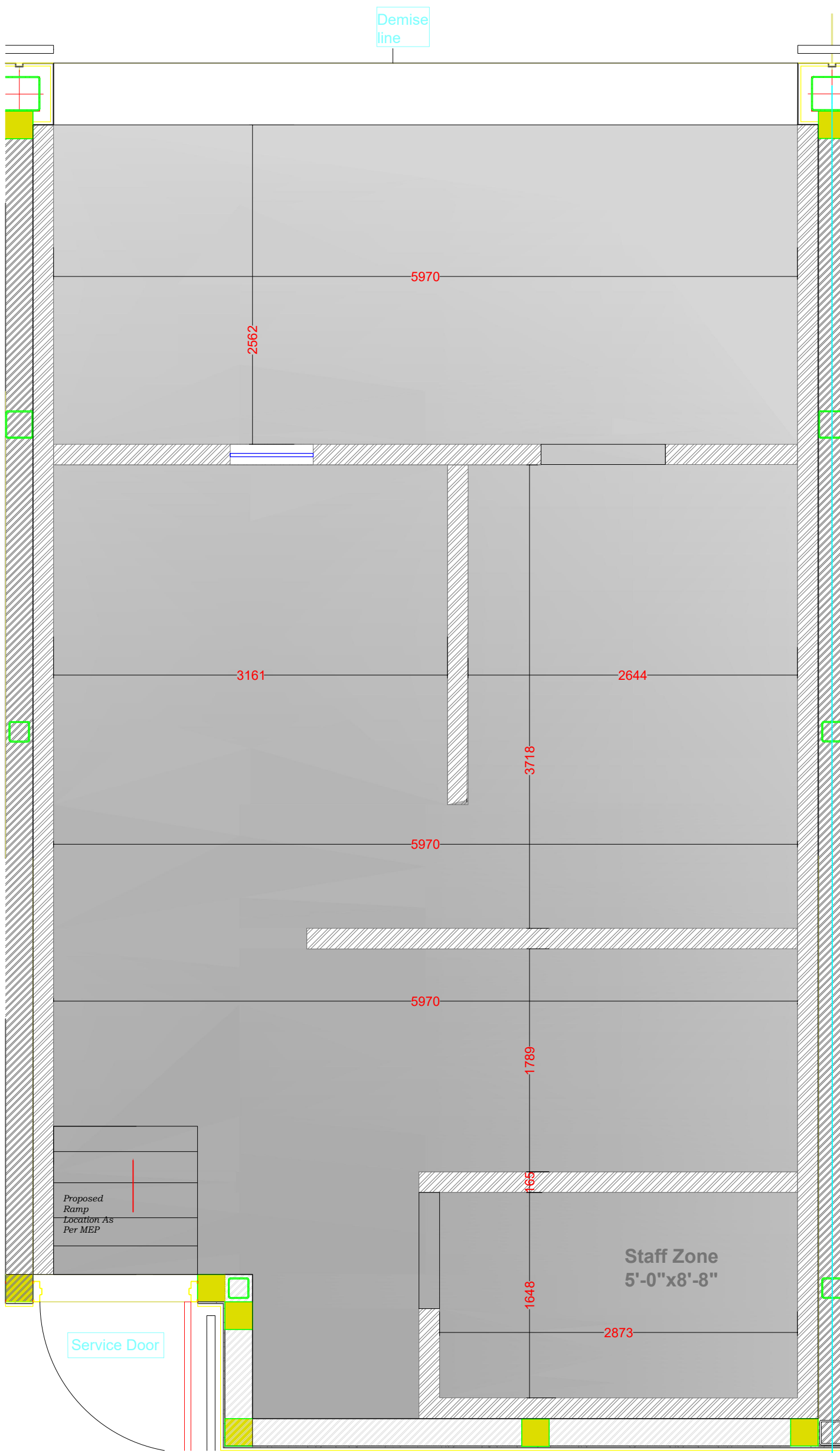
PROJECT LOCATION:-

TITLE : - FIRE FIGHTING DRAWING

PROJECT CONSULTANT :- NA

PROJECT CONTRACTOR :- -

DRAWING NO.	--
SCALE :- N.T.S	NAME
	DATE 30-11-2024
DRAWN BY	- MR. Prakash kr. singh
CHECKED BY	-
APPROVED BY	-



PROJECT

**WANCHAI
T-1 DELHI
FOOD COURT
OUTLET**

NOTE

ALL DIMENSIONS MUST BE CHECKED AND CORRELATED WITH THE SITE MEASUREMENTS AND ANY AMBIGUITY MUST BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ARCHITECTS BEFORE COMMENCEMENT OF THE WORK
ALL DIMENSIONS ON DRAWING TO BE READ AND NOT TO BE MEASURED

REMARKS

CHECKED BY :- AVANTIKA GUPTA

DRAFT BY :- PURNIMA SHARMA

SCALE :- NOT TO SCALE

DATE :- 26-11-2024

REV. NO :-

DRAWING TITLE


WATERPROFING PLAN

DR. NO. :-

**AVIRA
INTERIORS**

Phone :- +918076270872
Email :- avirainteriors@gmail.com
website :- avirainteriors.com

LEGEND:-

S.NO.	MARKING	DESCRIPTION	SQFT.
01.		WATERPROFING	860

S. No.	Description of Work	Unit	Quantity	Rate	Amount	Remarks
1	Site Assessment and Surface Inspection	Sq. Mtr	48.21			Initial inspection of all wet areas.
2	Surface Cleaning and Preparation	Sq. Mtr	48.21			Clean all surfaces to remove grease, dirt, etc.
3	Crack and Hole Filling	L. Mtr	15.5			Filling cracks and holes with appropriate fillers.
4	Priming of Surfaces	Sq. Mtr	79.89			Apply primer for better adhesion of waterproofing.
5	Cementitious Waterproofing Coating	Sq. Mtr	79.89			Apply cementitious waterproofing layer on walls/floors.
6	Liquid Waterproofing Membrane Application	Sq. Mtr	79.89			Application of liquid membrane on floors/roofs.
7	Bituminous Coating for Foundation/External Walls	Sq. Mtr	79.89			Apply bituminous coating for external foundation areas.
8	Polyurethane Coating for High Flexibility Areas	Sq. Mtr	79.89			Apply polyurethane coating in high-moisture areas.
9	Waterproofing Admixture for Cement/Plaster	Ltr	79.89			Add waterproofing admixture to plaster or cement.
10	Sealing of Joints and Penetrations	L. Mtr	23.9			Apply sealant to all joints and penetrations (pipes, etc.)
11	Sealing of Pipe and Drain Penetrations	Each	23.9			Seal pipe penetrations to prevent water leakage.
12	Application of Second Waterproofing Layer	Sq. Mtr	79.89			Apply second coat of waterproofing material.
13	Testing for Waterproofing Effectiveness (Water Test)	Each	3			Test for water leakage to verify waterproofing.
14	Final Inspection and Handover	Lumpsum	1			Complete site inspection and handover to client.

Additional Notes:

1. Surface Preparation: Ensure all surfaces are cleaned thoroughly to remove dirt, grease, and any other foreign material. This step is critical for the proper bonding of the waterproofing material.
2. Crack and Hole Filling: Before applying any waterproofing material, any cracks or holes on walls, floors, or ceilings must be filled with appropriate fillers to ensure the surface is smooth and level.
3. Application of Coatings: Depending on the area (floor, walls, or roof), various waterproofing materials may be applied. This may include cementitious coatings, polyurethane membranes, and bituminous coatings, based on the requirement of the specific area.
4. Joints and Penetrations Sealing: All joints (e.g., between floors, walls, and ceilings) and penetrations (e.g., around pipes, cables, ducts) should be sealed with high-quality, flexible sealant to prevent water ingress.
5. Testing: After the waterproofing material has been applied and dried, the effectiveness of the waterproofing should be tested. This includes performing a water test by spraying water on treated surfaces and checking for any leakage.
6. Inspection and Handover: After all works are completed, a final inspection should be conducted to ensure that the waterproofing system is effective, and the site should be handed over to the client.

Note on Quantities and Pricing:

Quantities should be calculated based on the site-specific measurements. Ensure all areas tha