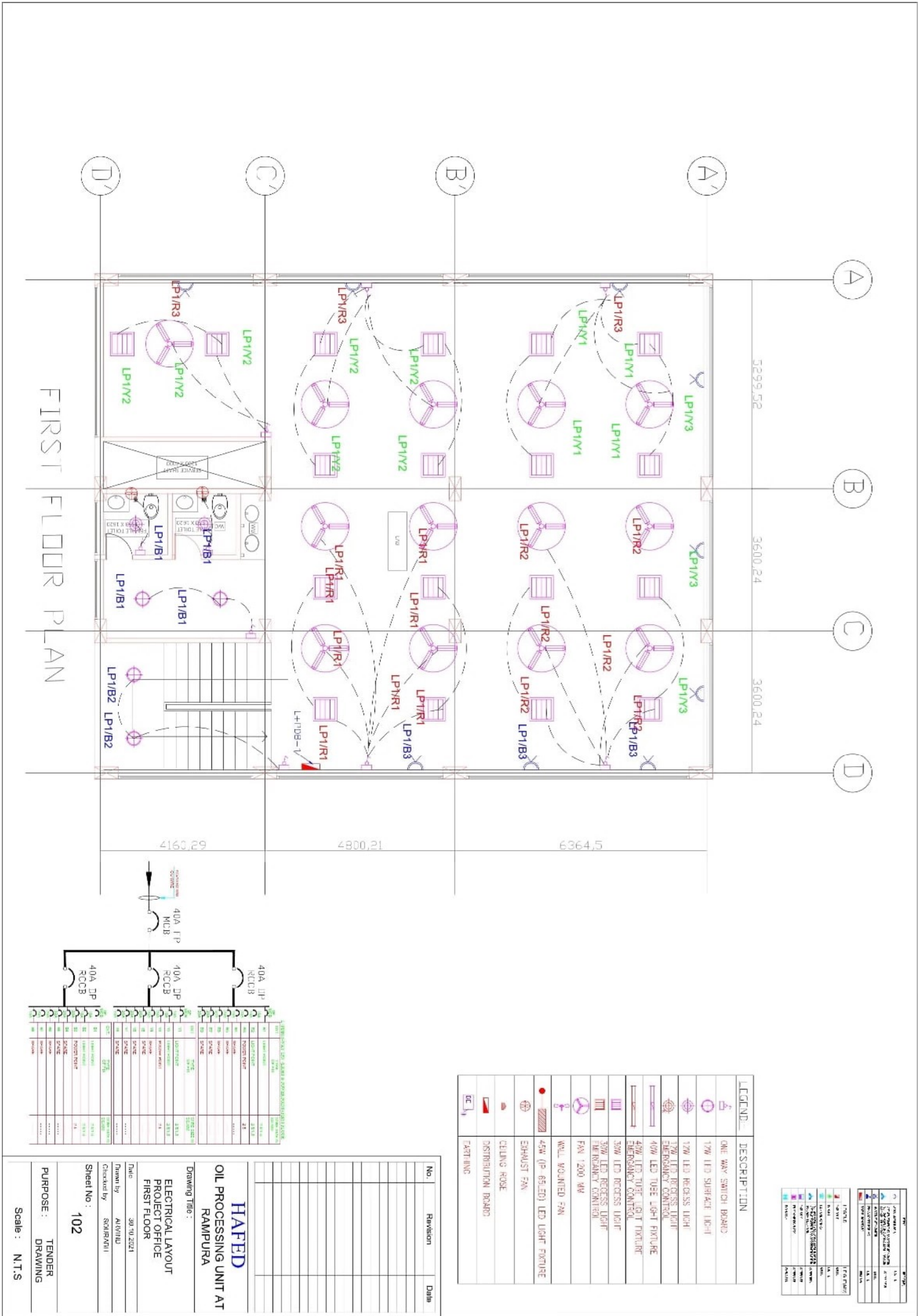


NO.	ITEM DESCRIPTION	AMOUNT	MARKUP	TOTAL
1	Site and building area	791	20.0	15820
2	Roofing and structure	138	20.0	2760
3	Structural steel	80	25.0	2000
4	Additional work	162.29	13.8	20724.4
5	Concrete	23	20.0	471.5
6	Paint	10	25.0	250
7	Finishing work	23	25.0	575
8	Lighting	15	25.0	375
9	Sanitary	1	25.0	25
10	IT ROOM IT ROOM	26.8	14.4	12420
11	IT ROOM IT ROOM	1808.14	0.0	18081.4
<b>TOTAL</b>				
12	IT ROOM IT ROOM	23	14.4	3475.2
13	IT ROOM IT ROOM	24	16.7	3288
<b>Subtotal</b>				
14	Roof and steel	575	0.0	575
15	Roof and steel	200	7.0	1400
16	Roof and steel	198.16	0.0	1981.6
17	Roof and steel	12	4.38	52.56
18	Roof and steel	199.16	11.12	1991.6
19	Roof and steel	198.16	0.0	1981.6
20	Roof and steel	12	4.38	52.56
21	Roof and steel	199.16	11.12	1991.6
22	Roof and steel	198.16	0.0	1981.6
23	Roof and steel	12	4.38	52.56
24	Roof and steel	199.16	11.12	1991.6
25	Roof and steel	198.16	0.0	1981.6
26	Roof and steel	12	4.38	52.56
27	Roof and steel	199.16	11.12	1991.6
28	Roof and steel	198.16	0.0	1981.6
29	Roof and steel	12	4.38	52.56
30	Roof and steel	199.16	11.12	1991.6
31	Roof and steel	198.16	0.0	1981.6
32	Roof and steel	12	4.38	52.56
33	Roof and steel	199.16	11.12	1991.6
34	Roof and steel	198.16	0.0	1981.6
35	Roof and steel	12	4.38	52.56
36	Roof and steel	199.16	11.12	1991.6
37	Roof and steel	198.16	0.0	1981.6
38	Roof and steel	12	4.38	52.56
39	Roof and steel	199.16	11.12	1991.6
40	Roof and steel	198.16	0.0	1981.6
41	Roof and steel	12	4.38	52.56
42	Roof and steel	199.16	11.12	1991.6
43	Roof and steel	198.16	0.0	1981.6
44	Roof and steel	12	4.38	52.56
45	Roof and steel	199.16	11.12	1991.6
46	Roof and steel	198.16	0.0	1981.6
47	Roof and steel	12	4.38	52.56
48	Roof and steel	199.16	11.12	1991.6
49	Roof and steel	198.16	0.0	1981.6
50	Roof and steel	12	4.38	52.56
51	Roof and steel	199.16	11.12	1991.6
52	Roof and steel	198.16	0.0	1981.6
53	Roof and steel	12	4.38	52.56
54	Roof and steel	199.16	11.12	1991.6
55	Roof and steel	198.16	0.0	1981.6
56	Roof and steel	12	4.38	52.56
57	Roof and steel	199.16	11.12	1991.6
58	Roof and steel	198.16	0.0	1981.6
59	Roof and steel	12	4.38	52.56
60	Roof and steel	199.16	11.12	1991.6
61	Roof and steel	198.16	0.0	1981.6
62	Roof and steel	12	4.38	52.56
63	Roof and steel	199.16	11.12	1991.6
64	Roof and steel	198.16	0.0	1981.6
65	Roof and steel	12	4.38	52.56
66	Roof and steel	199.16	11.12	1991.6
67	Roof and steel	198.16	0.0	1981.6
68	Roof and steel	12	4.38	52.56
69	Roof and steel	199.16	11.12	1991.6
70	Roof and steel	198.16	0.0	1981.6
71	Roof and steel	12	4.38	52.56
72	Roof and steel	199.16	11.12	1991.6
73	Roof and steel	198.16	0.0	1981.6
74	Roof and steel	12	4.38	52.56
75	Roof and steel	199.16	11.12	1991.6
76	Roof and steel	198.16	0.0	1981.6
77	Roof and steel	12	4.38	52.56
78	Roof and steel	199.16	11.12	1991.6
79	Roof and steel	198.16	0.0	1981.6
80	Roof and steel	12	4.38	52.56
81	Roof and steel	199.16	11.12	1991.6
82	Roof and steel	198.16	0.0	1981.6
83	Roof and steel	12	4.38	52.56
84	Roof and steel	199.16	11.12	1991.6
85	Roof and steel	198.16	0.0	1981.6
86	Roof and steel	12	4.38	52.56
87	Roof and steel	199.16	11.12	1991.6
88	Roof and steel	198.16	0.0	1981.6
89	Roof and steel	12	4.38	52.56
90	Roof and steel	199.16	11.12	1991.6
91	Roof and steel	198.16	0.0	1981.6
92	Roof and steel	12	4.38	52.56
93	Roof and steel	199.16	11.12	1991.6
94	Roof and steel	198.16	0.0	1981.6
95	Roof and steel	12	4.38	52.56
96	Roof and steel	199.16	11.12	1991.6
97	Roof and steel	198.16	0.0	1981.6
98	Roof and steel	12	4.38	52.56
99	Roof and steel	199.16	11.12	1991.6
100	Roof and steel	198.16	0.0	1981.6



NO.	REVISION	DATE

NO.	REVISION	DATE

**HAFED**  
OIL PROCESSING UNIT AT RAMPURA

Drawing Title :

ELECTRICAL LAYOUT  
PROJECT OFFICE  
FIRST FLOOR

Date : 20/10/2021

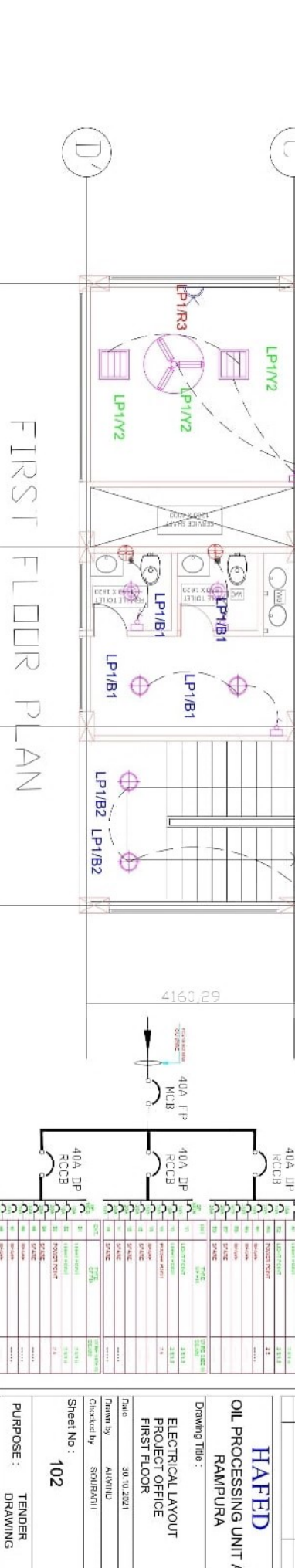
Drawn by : ALIYUDD

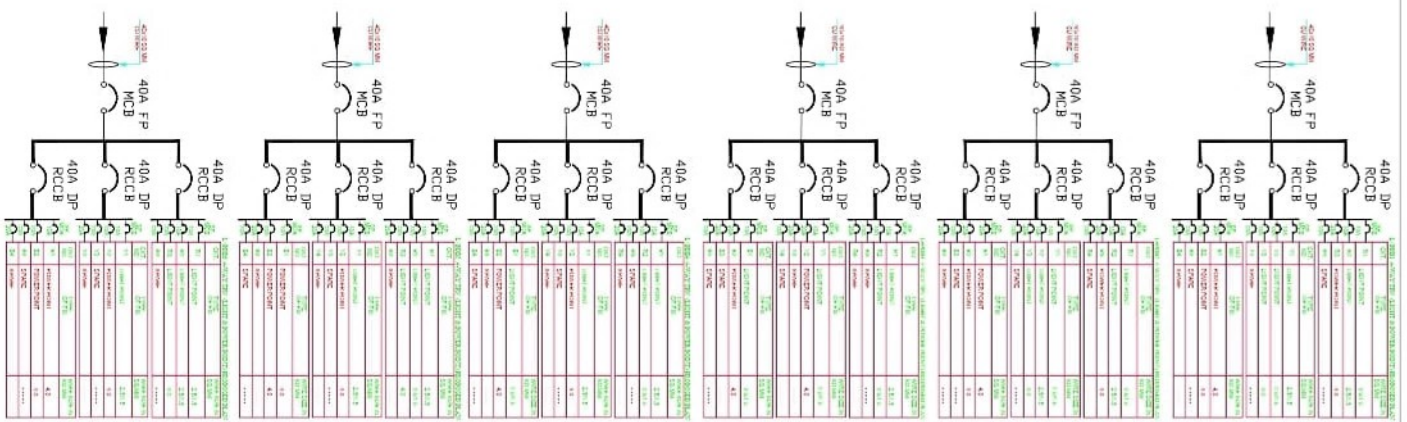
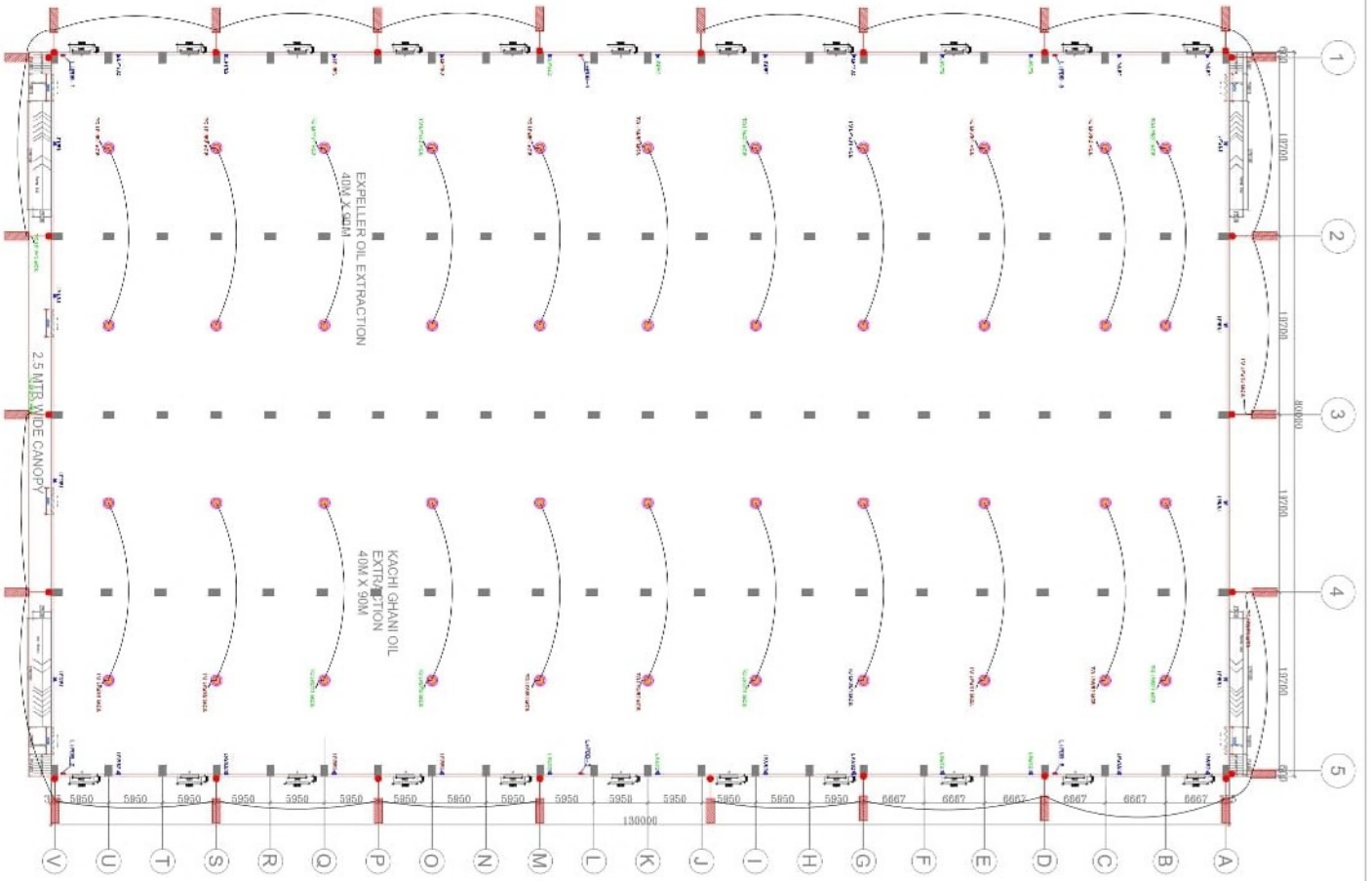
Checked by : SAJJADYALI

Sheet No : 102

PURPOSE : TENDER DRAWING

Scale : N.T.S





LEGEND	
	BA SOCKET WITH SWITCH
	150W LED RECESS LIGHT
	150W LED HIGH-BAY LIGHT
	25A SOCKET FOR AC DISTRIBUTION BOARD
	300 FFL
	800 FFL
	1800TOP

LEGEND	
	ONE WAY SWITCH BOARD
	150W LED SURFACE LIGHT
	150W LED RECESS LIGHT
	250W LED TUBE LIGHT FIXTURE
	150W LED TUBE LIGHT FIXTURE
	36W LED RECESS LIGHT
	150W LED RECESS LIGHT
	150W LED HIGH-BAY LIGHT
	75W 120V 9W
	WALL MOUNTED FAN
	120W (P-40LED) LED LIGHT FIXTURE
	EXHAUST FAN
	CEILING ROSE
	DISTRIBUTION BOARD

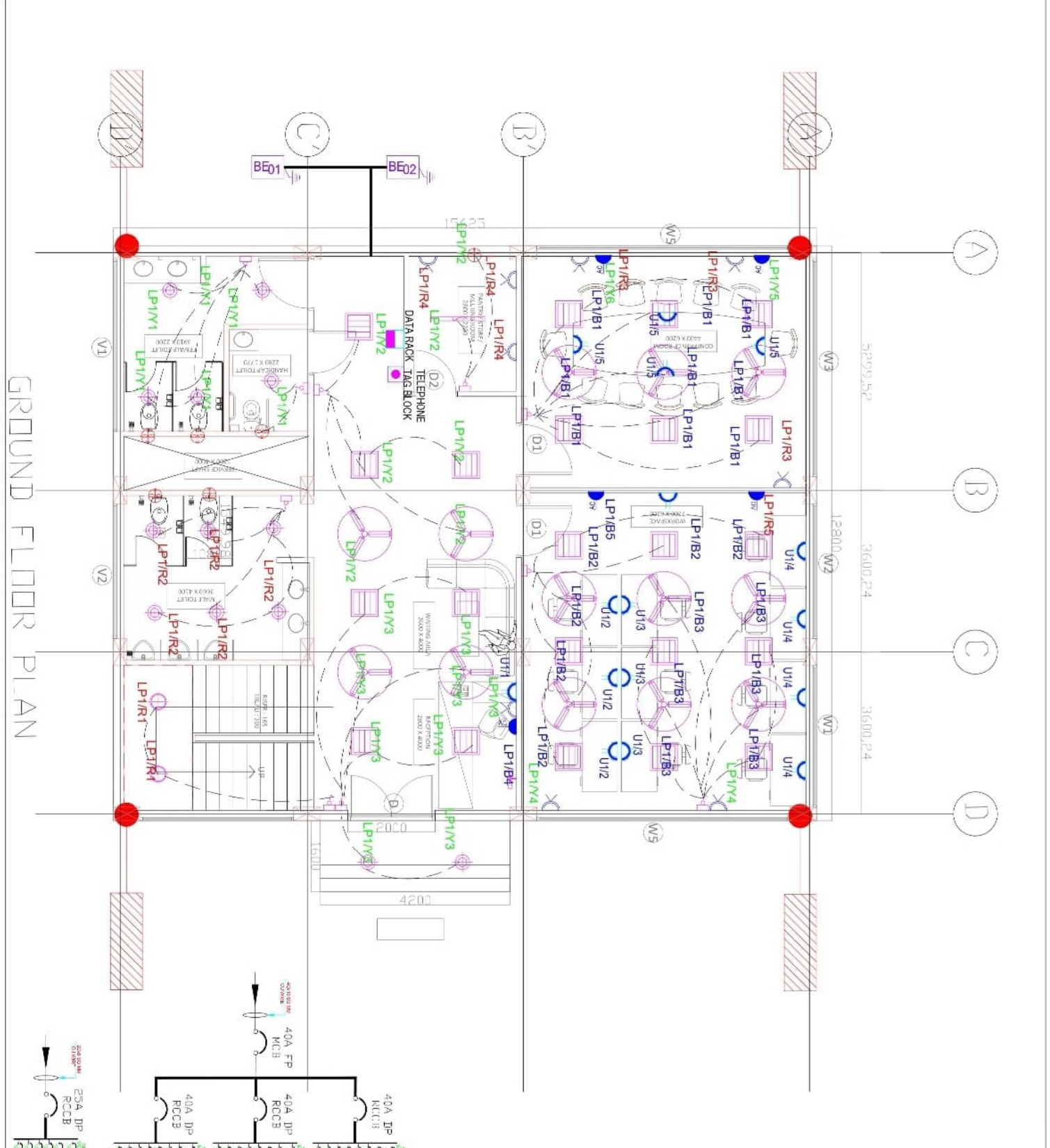
No.	Revision	Date

**HAFED**  
OIL PROCESSING UNIT AT  
RAMPURA

Drawing Title :  
ELECTRICAL LAYOUT  
PROPOSED PLAN

Date : 30.11.2021  
Drawn by : ARYANU  
Checked by : SOUJANU  
Sheet No : 02-20

PURPOSE : TENDER DRAWING  
Scale : N.T.S



GROUND FLOOR PLAN

NO.	REVISION	DATE

LEGEND	DESCRIPTION
	ONE WAY SWITCH BOARD
	12W LED SURFACE LIGHT
	12W LED RECESS LIGHT
	40W LED TUBE LIGHT FIXTURE
	40W LED TUBE LIGHT FIXTURE
	EMERGENCY CONTROL
	30W LED RECESS LIGHT
	30W LED RECESS LIGHT
	FAN
	WALL MOUNTED FAN
	EXHAUST FAN
	CILING ROSE
	DISTRIBUTION BOARD
	CASTING

NO.	DESCRIPTION	QTY	UNIT
1	40A DP RCCB	1	PC
2	40A DP RCCB	1	PC
3	40A DP RCCB	1	PC
4	40A DP RCCB	1	PC
5	40A DP RCCB	1	PC
6	40A DP RCCB	1	PC
7	40A DP RCCB	1	PC
8	40A DP RCCB	1	PC
9	40A DP RCCB	1	PC
10	40A DP RCCB	1	PC
11	40A DP RCCB	1	PC
12	40A DP RCCB	1	PC
13	40A DP RCCB	1	PC
14	40A DP RCCB	1	PC
15	40A DP RCCB	1	PC
16	40A DP RCCB	1	PC
17	40A DP RCCB	1	PC
18	40A DP RCCB	1	PC
19	40A DP RCCB	1	PC
20	40A DP RCCB	1	PC
21	40A DP RCCB	1	PC
22	40A DP RCCB	1	PC
23	40A DP RCCB	1	PC
24	40A DP RCCB	1	PC
25	40A DP RCCB	1	PC
26	40A DP RCCB	1	PC
27	40A DP RCCB	1	PC
28	40A DP RCCB	1	PC
29	40A DP RCCB	1	PC
30	40A DP RCCB	1	PC
31	40A DP RCCB	1	PC
32	40A DP RCCB	1	PC
33	40A DP RCCB	1	PC
34	40A DP RCCB	1	PC
35	40A DP RCCB	1	PC
36	40A DP RCCB	1	PC
37	40A DP RCCB	1	PC
38	40A DP RCCB	1	PC
39	40A DP RCCB	1	PC
40	40A DP RCCB	1	PC
41	40A DP RCCB	1	PC
42	40A DP RCCB	1	PC
43	40A DP RCCB	1	PC
44	40A DP RCCB	1	PC
45	40A DP RCCB	1	PC
46	40A DP RCCB	1	PC
47	40A DP RCCB	1	PC
48	40A DP RCCB	1	PC
49	40A DP RCCB	1	PC
50	40A DP RCCB	1	PC

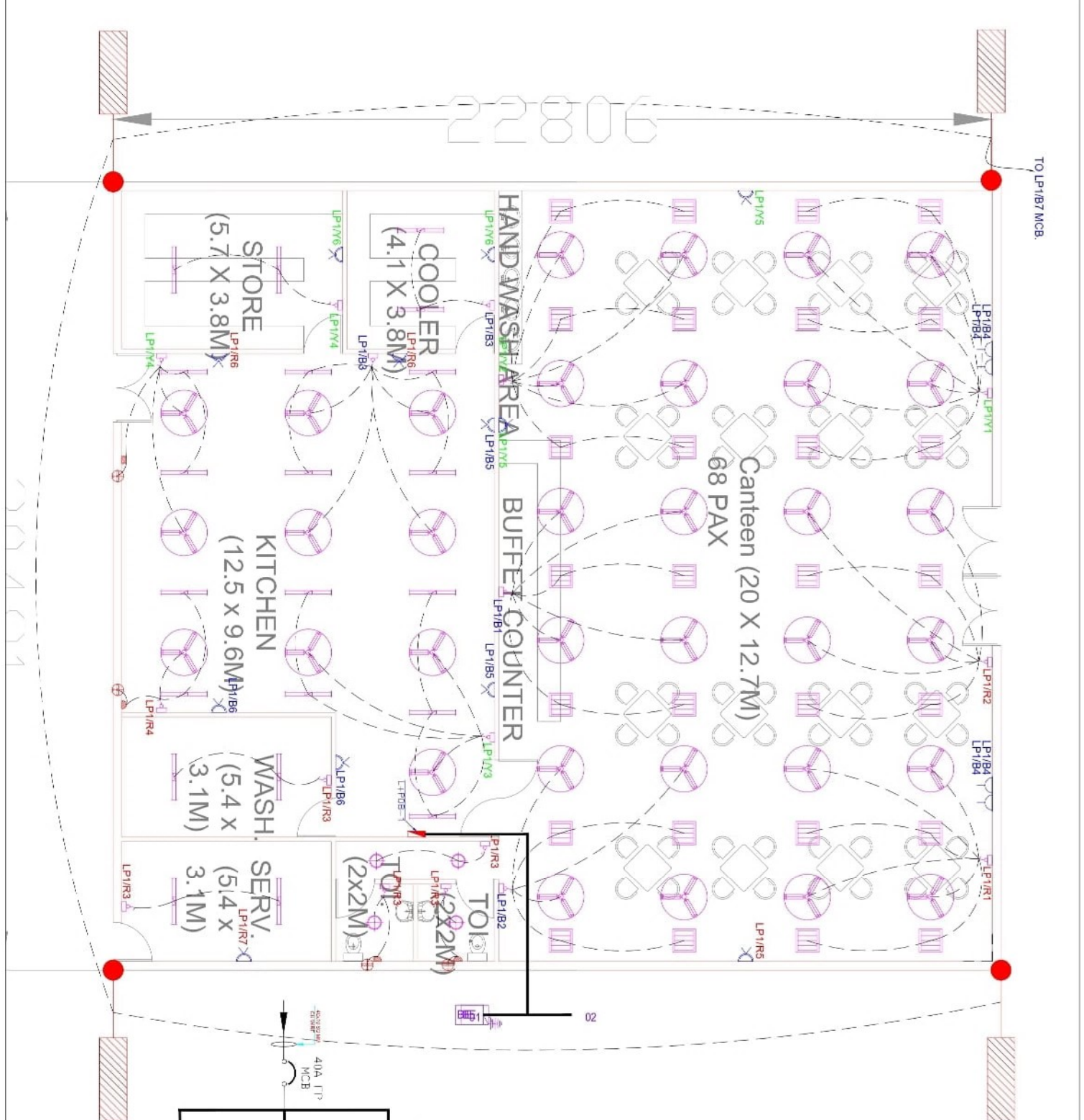
**HAFED**  
OIL PROCESSING UNIT AT  
RAMAPURA

Drawing Title :  
ELECTRICAL LAYOUT  
PROJECT OFFICE

Date : 20/10/2021  
Drawn by : ALIBUDD  
Checked by : SAJJARAHU

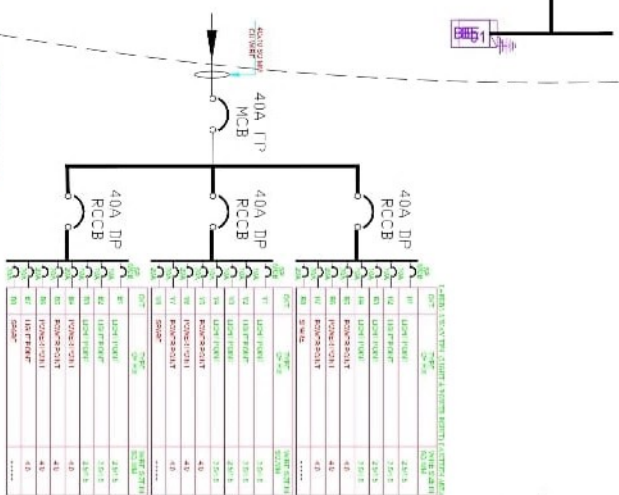
Sheet No : 101

PURPOSE : TENDER DRAWING  
Scale : N.T.S



LEGEND	
	6A SOCKET WITH SWITCH
	1A SOCKET WITH SWITCH
	25A SOCKET FOR AC DISTRIBUTION BOARD
	1A SOCKET WITH SWITCH
	25A SOCKET FOR AC DISTRIBUTION BOARD
	300 FFL
	1800 FFL
	1800(TOP)

LEGEND	DESCRIPTION
	ONE WAY SWITCH BOARD
	12W LED SURFACE LIGHT
	12W LED RECESS LIGHT
	12W LED RECESS LIGHT EMERGENCY CONTROL
	40W LED TUBE LIGHT FIXTURE
	36W LED RECESS LIGHT
	FAN 1200 MM
	WALL MOUNTED FAN
	EXHAUST FAN
	DISTRIBUTION BOARD
	EARTHINGS



NO.	DESCRIPTION	QTY	UNIT
1	40A LTP MCCB	1	PC
2	40A TP RCCB	2	PC
3	1A SOCKET WITH SWITCH	10	PC
4	25A SOCKET FOR AC DISTRIBUTION BOARD	2	PC
5	1A SOCKET WITH SWITCH	10	PC
6	25A SOCKET FOR AC DISTRIBUTION BOARD	2	PC
7	300 FFL	10	PC
8	1800 FFL	10	PC
9	1800(TOP) FFL	10	PC
10	12W LED SURFACE LIGHT	10	PC
11	12W LED RECESS LIGHT	10	PC
12	12W LED RECESS LIGHT EMERGENCY CONTROL	10	PC
13	40W LED TUBE LIGHT FIXTURE	10	PC
14	36W LED RECESS LIGHT	10	PC
15	FAN 1200 MM	10	PC
16	WALL MOUNTED FAN	10	PC
17	EXHAUST FAN	10	PC
18	DISTRIBUTION BOARD	10	PC
19	EARTHINGS	10	PC

No.	Revision	Date
<p align="center"><b>HAFED</b> OIL PROCESSING UNIT AT RAMAPURA</p>		
Drawing Title :		
ELECTRICAL LAYOUT CANTEEN		
Date	28-10-2021	
Drawn by	ALIBUD	
Checked by	SADJAMALI	
Sheet No :	101	
PURPOSE :	TENDER DRAWING	
Scale :	N.T.S	