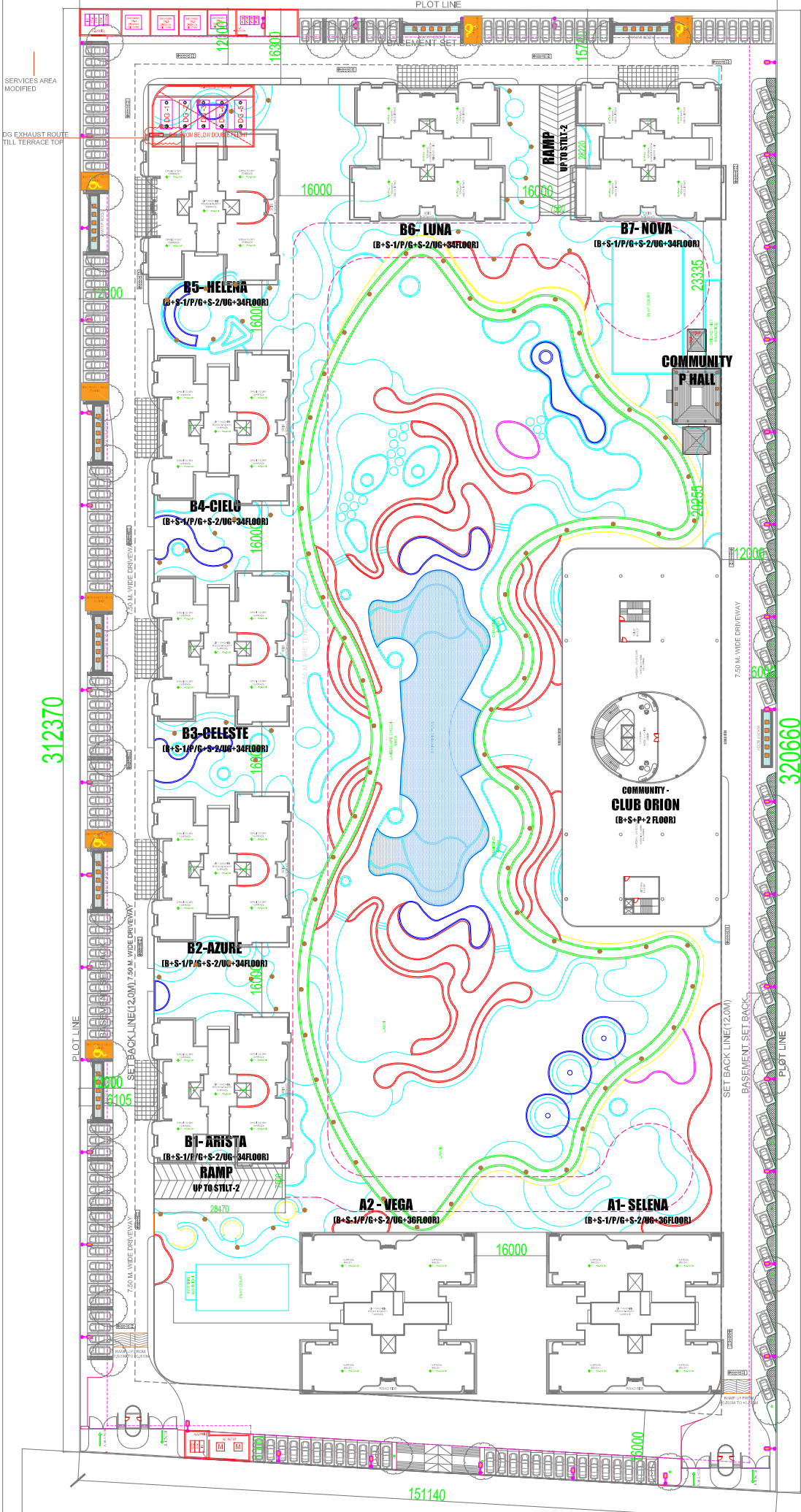




LIGHTING LEGEND				
KEY	SYMBOL	DESCRIPTION	MOUNTING HT. (in meter)	WATT
L1		POLE LIGHT	6M HIGH	70W
L2		POST TOP LIGHT	2.4M HIGH	40W

SITE PLAN
LIGHTING LAYOUT

PROJECT : PROPOSED GROUP HOUSING GAUR VASUKA EXPRESSWAY									
EMERGENCY DG BACK UP									
Sl. No.	Tower No.	No. of Unit	Total Area in sq. ft.	Area per Unit	Load in kW (100% per 20 sq. ft.)	Connected Load	Dis.	Total Max. Demand	
A. APARTMENTS									
1	Apartment A1	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
2	Apartment A2	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
3	Apartment A3	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
4	Apartment A4	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
5	Apartment A5	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
6	Apartment A6	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
7	Apartment A7	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
8	Apartment A8	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
9	Apartment A9	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
10	Apartment A10	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
B. COMMERCIAL									
1	Commercial B1	1	2000.00	2000.00	1000.00	1000.00	100%	1000.00	300.00
TOTAL : A									
TOTAL : A		1040	1,20,000.00		6000.00	6000.00		6000.00	1800.00
B. Common Area Services									
1	Club House				100.00	100.00	100%	100.00	30.00
2	Swimming Pool				50.00	50.00	100%	50.00	15.00
3	Reception & Security				20.00	20.00	100%	20.00	6.00
4	Reception & Security				20.00	20.00	100%	20.00	6.00
5	Reception & Security				20.00	20.00	100%	20.00	6.00
6	Reception & Security				20.00	20.00	100%	20.00	6.00
7	Reception & Security				20.00	20.00	100%	20.00	6.00
8	Reception & Security				20.00	20.00	100%	20.00	6.00
9	Reception & Security				20.00	20.00	100%	20.00	6.00
10	Reception & Security				20.00	20.00	100%	20.00	6.00
TOTAL : B									
TOTAL : B					400.00	400.00		400.00	120.00
TOTAL LOAD OF THE COMPLEX (A+B)									
TOTAL LOAD OF THE COMPLEX (A+B)					6400.00	6400.00		6400.00	1920.00
Overall Demand @ 75%									
Overall Demand @ 75%					4800.00	4800.00		4800.00	1440.00
Max. Demand after 10%									
Max. Demand after 10%					4320.00	4320.00		4320.00	1296.00
DG SETS SELECTION									
DG SETS SELECTION								4320.00	1296.00
Transformer Selection									
Transformer Selection								4320.00	1296.00
Total Maximum Demand									
Total Maximum Demand								4320.00	1296.00
Loading Factor 80%									
Loading Factor 80%								3456.00	1036.80
Proposed Transformer									
Proposed Transformer								4000.00	1200.00
TOTAL LOAD OF THE COMPLEX (A+B)									
TOTAL LOAD OF THE COMPLEX (A+B)								4320.00	1296.00
Total Maximum Demand in KVA									
Total Maximum Demand in KVA								4320.00	1296.00

PROJECT : PROPOSED GROUP HOUSING GAUR VASUKA EXPRESSWAY									
ELECTRICAL LOAD AT PER NOUR									
Sl. No.	Tower No.	No. of Unit	Total Area in sq. ft.	Area per Unit	Load in kW (100% per 20 sq. ft.)	Connected Load	Dis.	Total Max. Demand	
A. APARTMENTS									
1	Apartment A1	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
2	Apartment A2	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
3	Apartment A3	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
4	Apartment A4	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
5	Apartment A5	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
6	Apartment A6	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
7	Apartment A7	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
8	Apartment A8	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
9	Apartment A9	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
10	Apartment A10	104	1,20,000	115.38	600.00	600.00	100%	600.00	200.00
B. COMMERCIAL									
1	Commercial B1	1	2000.00	2000.00	1000.00	1000.00	100%	1000.00	300.00
TOTAL : A									
TOTAL : A		1040	1,20,000.00		6000.00	6000.00		6000.00	1800.00
B. Common Area Services									
1	Club House				100.00	100.00	100%	100.00	30.00
2	Swimming Pool				50.00	50.00	100%	50.00	15.00
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9	Reception & Security				20.00	20.00	100%	20.00	6.00
10	Reception & Security				20.00	20.00	100%	20.00	6.00
TOTAL : B									
TOTAL : B					400.00	400.00		400.00	120.00
TOTAL LOAD OF THE COMPLEX (A+B)									
TOTAL LOAD OF THE COMPLEX (A+B)					6400.00	6400.00		6400.00	1920.00
Transformer Selection									
Transformer Selection								4320.00	1296.00
Total Maximum Demand									
Total Maximum Demand								4320.00	1296.00
Loading Factor 80%									
Loading Factor 80%								3456.00	1036.80
Proposed Transformer									
Proposed Transformer								4000.00	1200.00
TOTAL LOAD OF THE COMPLEX (A+B)									
TOTAL LOAD OF THE COMPLEX (A+B)								4320.00	1296.00
Total Maximum Demand in KVA									
Total Maximum Demand in KVA								4320.00	1296.00

CLIENT :- GAURSONS PROMOTERS PRIVATE LIMITED
GAUR BIZ PARK PLOT NO-1, ABHAY KHAND-II,
INDRAPURAM, GHAZIABAD

PROJECT :- PROPOSED GROUP HOUSING PROJECT
GAUR CHRYSAIS, AT PLOT NO. GH-12,
SECTOR-22 D, YEIDA, GREATER NOIDA, U.P.

TITLE :- SEWERAGE LAYOUT PLAN

SUBMISSION

OWNER'S SIGN

For Gaursons Promoters Pvt. Ltd.

Architect's Signature

Architect's Signature

Architect's Signature

Architect's Signature

Architect's Signature

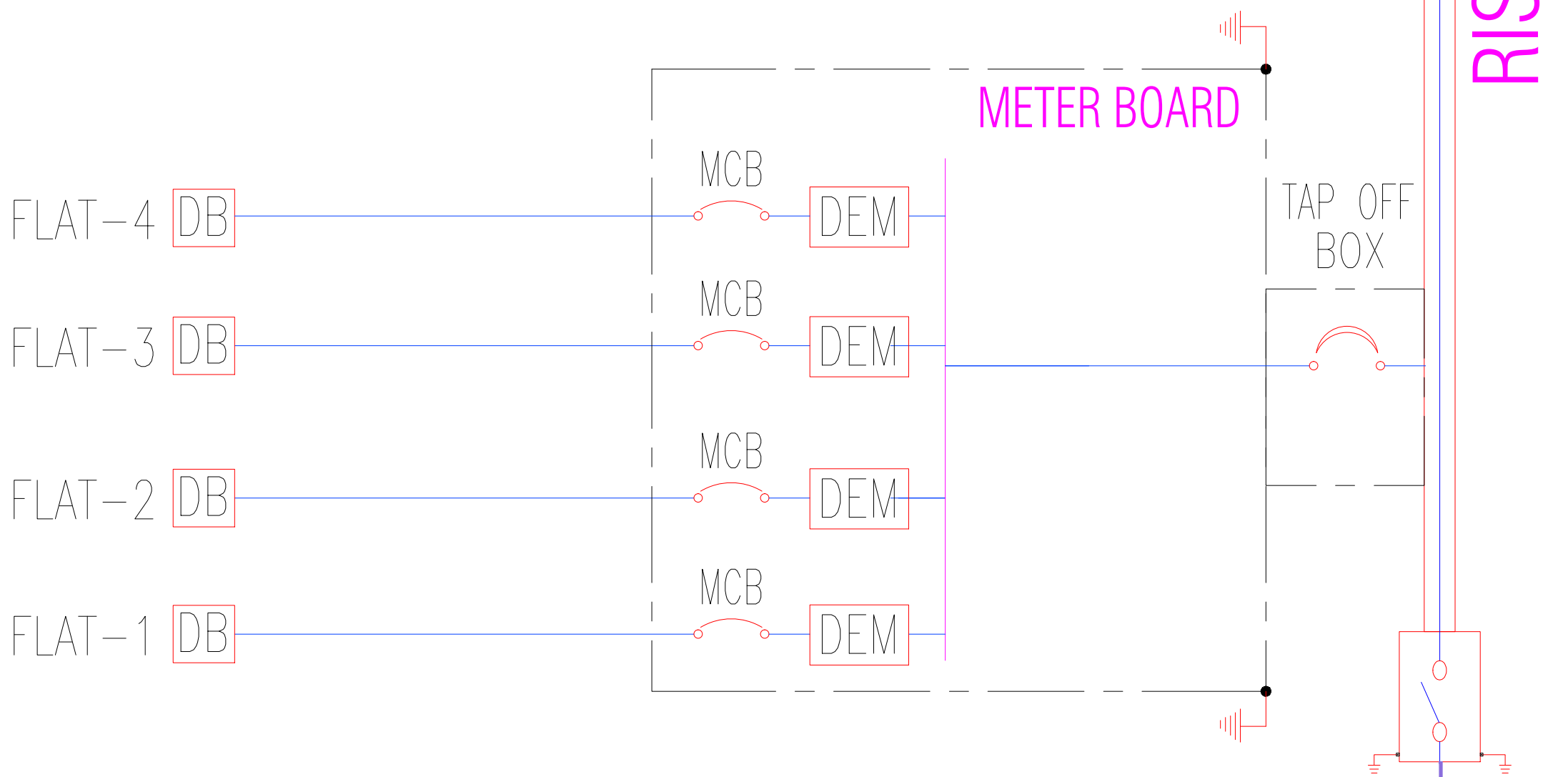
Architect's Signature

LEGEND: –

SNO.	SYM.	DESCRIPTION
01.	DEM	DUAL ELECTRONIC ENERGY METER
02.		INDICATING LAMP
03.		GROUNDING
04.		MOULDED CASE CIRCUIT BREAKER (MCCB)
05.		MINIATURE CIRCUIT BREAKER (MCB)
06.		ELECTRICAL ISOLATOR

TERRACE FLOOR

(36th. FLOOR)



(TYPICAL)

CABLES FROM LT. PANEL

RISING MAIN –1
TOWER A1,A2 , B1 B2, B3, B4, B5, B6, B6 & B7

ISSUES				
NO.	DATE	BY	DESCRIPTION	PRINTS

REVISIONS		
NO.	DATE	DESCRIPTION

DRAWING STATUS
SCHEMATIC STAGE DRAWING

PROJECT

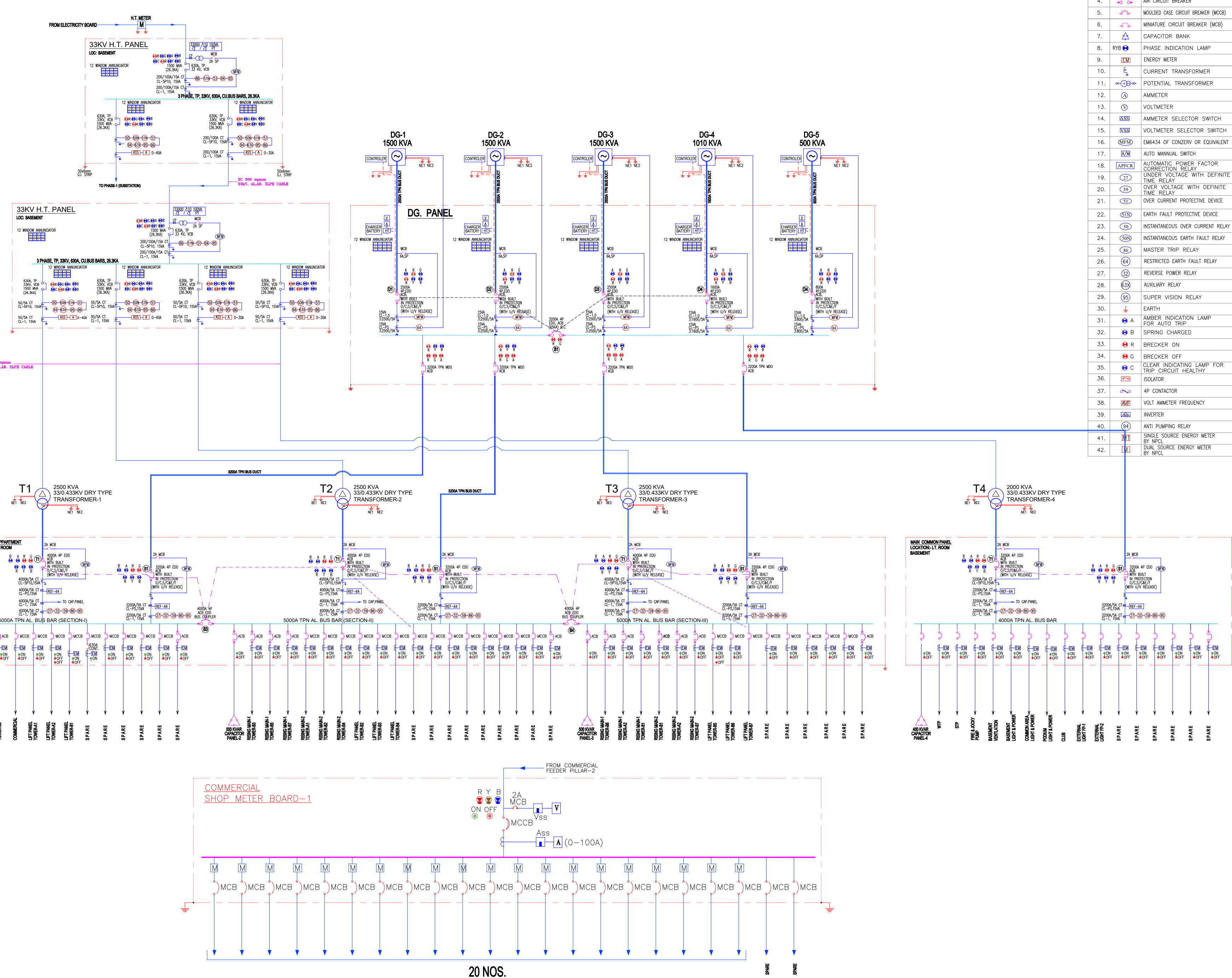
CLIENT

ARCHITECT :

SERVICES CONSULTANT:
PARADISE CONSULTANTS
PLOT NO. 129, POCKET-2, BASEMENT
JASOLA VIHAR, NEW DELHI-110025
PH : 011- 46132800, 41030619
E-mail: mep@paradiseconsultants.com

DRAWING TITLE :
ELECTRICAL
RISING MAIN DIAGRAM

Scale	: NTS (A0)	Drawn by	: RP
Date	: 31/07/2025	Checked by	: AR
Project no	: -----	Approved by	: NAFEEES
Drawing no	EL-PC-GAUR-RM-SLD-101		
REVISION	R0		



LEGENDS:-		
S.NO.	SYMBOL	DESCRIPTION
1.		TRANSFORMER
2.		DG SET
3.		VACUUM CIRCUIT BREAKER (EDO)
3.		EARTH LEAKAGE CIRCUIT BREAKER
4.		AIR CIRCUIT BREAKER
5.		MOULDED CASE CIRCUIT BREAKER (MCCB)
6.		MINIATURE CIRCUIT BREAKER (MCB)
7.		CAPACITOR BANK
8.		PHASE INDICATION LAMP
9.		ENERGY METER
10.		CURRENT TRANSFORMER
11.		POTENTIAL TRANSFORMER
12.		AMMETER
13.		VOLTMETER
14.		AMMETER SELECTOR SWITCH
15.		VOLTMETER SELECTOR SWITCH
16.		EM6434 OF CONVEY OR EQUIVALENT
17.		AUTO MANUAL SWITCH
18.		AUTOMATIC POWER FACTOR CORRECTION RELAY
19.		UNDER VOLTAGE WITH DEFINITE TIME RELAY
20.		OVER VOLTAGE WITH DEFINITE TIME RELAY
21.		OVER CURRENT PROTECTIVE DEVICE
22.		EARTH FAULT PROTECTIVE DEVICE
23.		INSTANTANEOUS OVER CURRENT RELAY
24.		INSTANTANEOUS EARTH FAULT RELAY
25.		MASTER TRIP RELAY
26.		RESTRICTED EARTH FAULT RELAY
27.		REVERSE POWER RELAY
28.		AUXILIARY RELAY
29.		SUPER VISION RELAY
30.		EARTH
31.		BRECKER ON
32.		BRECKER OFF
33.		CLEAR INDICATING LAMP FOR TRIP CIRCUIT HEALTHY
34.		ISOLATOR
35.		4P CONTACTOR
36.		VOLT AMMETER FREQUENCY
37.		INVERTER
38.		ANTI PUMPING RELAY
39.		SINGLE SOURCE ENERGY METER BY NPCL
40.		DUAL SOURCE ENERGY METER BY NPCL

ISSUES				
NO.	DATE	BY	DESCRIPTION	PRINTS
REVISIONS				
NO.	DATE	DESCRIPTION		
DRAWING STATUS				
SCHEMATIC STAGE DRAWING				
PROJECT				
CLIENT				
ARCHITECT :				