LEGEND :-			
SYMBOL	FIXTURE TYPE	MOUNTING HEIGHT (in metres)	WATTAGE
SLP	POLE LIGHT WITH SINGLE LIGHT FIXTURE	POLE HEIGHT 5.0M	35 W LED
	FEEDER PILLAR		

PROPERTY LINE

5% GREEN AREA
180.85 sq.mt.

(11 / 0.433 KV)
1 No. 1250 KVA CSS.

2 Nos. 625 KVA DG SETS

2 nos. DG Exhaust pipe of 300 mm Ø (ID) 450 mm Ø &(OD) with 75 mm Insulation all around.

DG exhaust pipe shall run from first floor roof level

ALL DG EXHAUST PIPE RUN UP TO THE TERRACE WITH CLAMPING SUPPORT OVER WALL

ENCROACH LITIGATED AREA

SPACE FOR ELECTRIC SUB - STATION

E A A E Water Tank

Pump Room UGT & PH

Water Tank

6.00mt. WIDE DRIVE WAY

EX-2

LVL ± 00

SERVICE ENTRY

Basement retaining wall

LVL -850

ENTRY/EXIT FROM BASEMENT

STP

10.00 mt. WIDE SET BACK LINE

6.00 MT. WIDE RAMP

RAMP SLOPE 1:8

6000

CUT-OUT FOR BASEMENT MECHANICAL VENTILATION

SPACE FOR FIRE & LV SHAFT

LANDSCAPE GREEN

ELECTRICAL ROOM

HANDICAP LIFT 1915X2029

GENTS TOILET 3580X4885

LADIES TOILET 3930X3240

HOTEL LOBBY 7370 X 4635

HOTEL ENTRY

PORCH ABOVE

LVL ± 00

BOUNDARY WALL

1880 MM WIDE CORRIDOR

10.00 mt. WIDE SET BACK LINE

HOTEL LOBBY

2135MM WIDE PASSAGE

2135MM WIDE PASSAGE

G26 SHOP 4160 X 7570

G25 SHOP 6855 X 7570

G24 SHOP 3360 X 7570

G23 SHOP 3360 X 7570

G22 SHOP 3360 X 7570

G21 SHOP 3010 X 7570

Basement retaining wall

PROPERTY LINE

KHASRA NO. - 1208

BOUNDARY WALL

6.00mt. WIDE DRIVE WAY

BASEMENT LINE

3725 MM WIDE PASSAGE

KHASRA NO. - 1206

PROPERTY LINE

10.00 mt. WIDE SET BACK LINE

3535 MM WIDE PASSAGE

LVL+150

G07 SHOP 7000 X 3360

G10 SHOP 7000 X 3360

G08 SHOP 7000 X 3360

G09 SHOP 7000 X 3360

G03 SHOP 7000 X 3360

G06 SHOP 7000 X 3360

G19 SHOP 7000 X 3360

G20 SHOP 7000 X 3360

G17 SHOP 7000 X 3360

G18 SHOP 7000 X 3360

G15 SHOP 7000 X 3360

G16 SHOP 7000 X 3360

1200 mm wide projection above

GOING UP 11845

DOUBLE HEIGHT ATRIUM

G01 SHOP 3445 X 5495

G02 SHOP 3445 X 5495

G03 SHOP 3445 X 5495

G04 SHOP 3445 X 5495

G11 SHOP 3445 X 5495

G12 SHOP 3445 X 5495

G12A SHOP 3445 X 5495

G14 SHOP 3445 X 5495

EXTERNAL LIGHTING FP

3000

11 KV 1 VCB ROOM

3000

11 KV HT METER ROOM

3000

GAURD ROOM 2.30 X 2.40

LVL ± 00

6.00mt. WIDE DRIVE WAY

LVL ± 00

ENTRY

OUTER ROAD LVL.(LVL. -750 MM)

EXIT

30.00 mt. WIDE ROAD

OUTER ROAD LVL.(LVL. -750 MM)

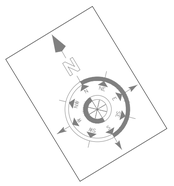
ELECTRICAL LOAD CALCULATION					
S.No.	DESCRIPTION	CONNECTED LOAD (KW)	DIVERSITY (%)	MAXIMUM DEMAND (KW)	FOR DG (KVA)
1	LOWER BASEMENT	5.00	80%	4.00	4.00
2	UPPER BASEMENT	5.00	80%	4.00	4.00
	TOTAL	10.00		8.00	8.00
	GROUND FLOOR				
1	GF-01	6.25	80%	5.00	4
2	GF-02	6.25	80%	5.00	4
3	GF-03	6.25	80%	5.00	4
4	GF-04	6.25	80%	5.00	4
5	GF-05	6.25	80%	5.00	4
6	GF-05A	6.25	80%	5.00	4
7	GF-07	6.25	80%	5.00	4
8	GF-08	6.25	80%	5.00	4
9	GF-09	6.25	80%	5.00	4
10	GF-10	6.25	80%	5.00	4
11	GF-11	6.25	80%	5.00	4
12	GF-12	6.25	80%	5.00	4
13	GF-12A	6.25	80%	5.00	4
14	GF-14	6.25	80%	5.00	4
15	GF-15	6.25	80%	5.00	4
16	GF-16	6.25	80%	5.00	4
17	GF-17	6.25	80%	5.00	4
18	GF-18	6.25	80%	5.00	4
19	GF-19	6.25	80%	5.00	4
20	GF-20	6.25	80%	5.00	4
21	GF-21	6.25	80%	5.00	4
22	GF-22	6.25	80%	5.00	4
23	GF-23	6.25	80%	5.00	4
24	GF-24	6.25	80%	5.00	4
25	GF-25	6.25	80%	5.00	4
26	GF-26	6.25	80%	5.00	4
	TOTAL	162.50		130.00	104.00
1	COMMON AREA	5.00	80%	4.00	4.00
	TOTAL	5.00		4.00	4.00
	FIRST FLOOR				
1	1st F-01	6.25	80%	5.00	4
2	1st F-02	6.25	80%	5.00	4
3	1st F-03	6.25	80%	5.00	4
4	1st F-04	6.25	80%	5.00	4
5	1st F-05	6.25	80%	5.00	4
6	1st F-06	6.25	80%	5.00	4
7	1st F-07	6.25	80%	5.00	4
8	1st F-08	6.25	80%	5.00	4
9	1st F-09	6.25	80%	5.00	4
10	1st F-10	6.25	80%	5.00	4
11	1st F-11	6.25	80%	5.00	4
12	1st F-12	6.25	80%	5.00	4
13	1st F-12A	6.25	80%	5.00	4
14	1st F-14	6.25	80%	5.00	4
15	1st F-15	6.25	80%	5.00	4
16	1st F-16	6.25	80%	5.00	4
17	1st F-17	6.25	80%	5.00	4
18	1st F-18	6.25	80%	5.00	4
19	1st F-19	6.25	80%	5.00	4
20	1st F-20	6.25	80%	5.00	4
21	1st F-21	6.25	80%	5.00	4
22	1st F-22	6.25	80%	5.00	4
23	1st F-23	6.25	80%	5.00	4
24	1st F-24	6.25	80%	5.00	4
25	1st F-25	6.25	80%	5.00	4
26	RESTAURENT & KITCHEN	30.00	60%	18.00	14.4
	TOTAL	186.25		143.00	114.40
1	COMMON AREA	5.00	80%	4.00	4.00
	TOTAL	5.00		4.00	4.00
	SECOND FLOOR				
1	2nd F-01	6.25	80%	5.00	4
2	2nd F-02	6.25	80%	5.00	4
3	2nd F-03	6.25	80%	5.00	4
4	2nd F-04	6.25	80%	5.00	4
5	2nd F-05	6.25	80%	5.00	4
6	2nd F-06	6.25	80%	5.00	4
7	2nd F-07	6.25	80%	5.00	4
8	2nd F-08	6.25	80%	5.00	4
9	2nd F-09	6.25	80%	5.00	4
10	2nd F-10	6.25	80%	5.00	4
11	2nd F-11	6.25	80%	5.00	4
12	2nd F-12	6.25	80%	5.00	4
13	2nd F-12A	6.25	80%	5.00	4
14	2nd F-14	6.25	80%	5.00	4
15	2nd F-15	6.25	80%	5.00	4
16	2nd F-16	6.25	80%	5.00	4
17	2nd F-17	6.25	80%	5.00	4
18	2nd F-18	6.25	80%	5.00	4
19	2nd F-19	6.25	80%	5.00	4
20	2nd F-20	6.25	80%	5.00	4
21	2nd F-21	6.25	80%	5.00	4
22	2nd F-22	6.25	80%	5.00	4
23	2nd F-23	6.25	80%	5.00	4
24	2nd F-24	6.25	80%	5.00	4
25	2nd F-25	6.25	80%	5.00	4
26	RESTAURENT	25.00	60%	15.00	12
	TOTAL	181.25		140.00	112.00
1	COMMON AREA	5.00	80%	4.00	4.00
	TOTAL	5.00		4.00	4.00
	THIRD FLOOR	158.00	80%	126.40	101.12
	TOTAL	158.00		126.40	101.12
1	COMMON AREA	5.00	80%	4.00	4.00
	TOTAL	5.00		4.00	4.00

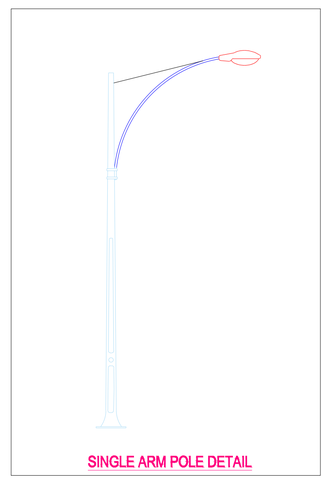
4TH FLOOR					
1	OFFICE-4.01	6.25	80%	5.00	4
2	OFFICE-4.02	6.25	80%	5.00	4
3	OFFICE-4.03	6.25	80%	5.00	4
4	OFFICE-4.04	6.25	80%	5.00	4
5	OFFICE-4.05	6.25	80%	5.00	4
6	OFFICE-4.06	6.25	80%	5.00	4
7	OFFICE-4.07	6.25	80%	5.00	4
8	OFFICE-4.08	6.25	80%	5.00	4
9	OFFICE-4.09	6.25	80%	5.00	4
10	OFFICE-4.10	6.25	80%	5.00	4
11	OFFICE-4.11	6.25	80%	5.00	4
12	OFFICE-4.12	6.25	80%	5.00	4
13	OFFICE-4.13	6.25	80%	5.00	4
14	OFFICE-4.14	6.25	80%	5.00	4
15	OFFICE-4.15	6.25	80%	5.00	4
16	OFFICE-4.16	6.25	80%	5.00	4
17	OFFICE-4.17	6.25	80%	5.00	4
18	OFFICE-4.18	6.25	80%	5.00	4
19	OFFICE-4.19	6.25	80%	5.00	4
20	OFFICE-4.20	6.25	80%	5.00	4
21	OFFICE-4.21	6.25	80%	5.00	4
22	OFFICE-4.22	6.25	80%	5.00	4
23	OFFICE-4.23	6.25	80%	5.00	4
24	OFFICE-4.24	6.25	80%	5.00	4
25	OFFICE-4.25	6.25	80%	5.00	4
26	OFFICE-4.26	6.25	80%	5.00	4
27	OFFICE-4.27	6.25	80%	5.00	4
	TOTAL	168.75		136.00	108.00
1	COMMON AREA	5.00	80%	4.00	4.00
	TOTAL	5.00		4.00	4.00
	5TH FLOOR				
1	ROOM No.501	5.00	80%	4.00	1.6
2	ROOM No.502	5.00	80%	4.00	1.6
3	ROOM No.503	5.00	80%	4.00	1.6
4	ROOM No.504	5.00	80%	4.00	1.6
5	ROOM No.505	5.00	80%	4.00	1.6
6	ROOM No.506	5.00	80%	4.00	1.6
7	ROOM No.507	5.00	80%	4.00	1.6
8	ROOM No.508	5.00	80%	4.00	1.6
9	ROOM No.509	5.00	80%	4.00	1.6
10	ROOM No.510	5.00	80%	4.00	1.6
11	ROOM No.511	5.00	80%	4.00	1.6
12	ROOM No.512	5.00	80%	4.00	1.6
13	ROOM No.513	5.00	80%	4.00	1.6
14	ROOM No.514	5.00	80%	4.00	1.6
15	ROOM No.515	5.00	80%	4.00	1.6
16	ROOM No.516	5.00	80%	4.00	1.6
17	ROOM No.517	5.00	80%	4.00	1.6
18	ROOM No.518	5.00	80%	4.00	1.6
19	ROOM No.519	5.00	80%	4.00	1.6
20	ROOM No.520	5.00	80%	4.00	1.6
21	ROOM No.521	5.00	80%	4.00	1.6
22	ROOM No.522	5.00	80%	4.00	1.6
23	ROOM No.523	5.00	80%	4.00	1.6
24	ROOM No.524	5.00	80%	4.00	1.6
25	ROOM No.525	5.00	80%	4.00	1.6
26	ROOM No.526	5.00	80%	4.00	1.6
27	ROOM No.527	5.00	80%	4.00	1.6
28	ROOM No.528	5.00	80%	4.00	1.6
	TOTAL	140.00		112.00	44.80
1	COMMON AREA	5.00	80%	4.00	4.00
	TOTAL	5.00		4.00	4.00
	6TH FLOOR				
1	ROOM No.601	5.00	80%	4.00	1.6
2	ROOM No.602	5.00	80%	4.00	1.6
3	ROOM No.603	5.00	80%	4.00	1.6
4	ROOM No.604	5.00	80%	4.00	1.6
5	ROOM No.605	5.00	80%	4.00	1.6
6	ROOM No.606	5.00	80%	4.00	1.6
7	ROOM No.607	5.00	80%	4.00	1.6
8	ROOM No.608	5.00	80%	4.00	1.6
9	ROOM No.609	5.00	80%	4.00	1.6
10	ROOM No.610	5.00	80%	4.00	1.6
11	ROOM No.611	5.00	80%	4.00	1.6
12	ROOM No.612	5.00	80%	4.00	1.6
13	ROOM No.613	5.00	80%	4.00	1.6
14	ROOM No.614	5.00	80%	4.00	1.6
15	ROOM No.615	5.00	80%	4.00	1.6
16	ROOM No.616	5.00	80%	4.00	1.6
17	ROOM No.617	5.00	80%	4.00	1.6
18	ROOM No.618	5.00	80%	4.00	1.6
19	ROOM No.619	5.00	80%	4.00	1.6
20	ROOM No.620	5.00	80%	4.00	1.6
21	ROOM No.621	5.00	80%	4.00	1.6
22	ROOM No.622	5.00	80%	4.00	1.6
23	ROOM No.623	5.00	80%	4.00	1.6
24	ROOM No.624	5.00	80%	4.00	1.6
25	ROOM No.625	5.00	80%	4.00	1.6
26	ROOM No.626	5.00	80%	4.00	1.6
27	ROOM No.627	5.00	80%	4.00	1.6
28	ROOM No.628	5.00	80%	4.00	1.6
	TOTAL	140.00		112.00	44.80
1	COMMON AREA	5.00	80%	4.00	4.00
	TOTAL	5.00		4.00	4.00

7TH FLOOR					
1	ROOM No.701	5.00	80%	4.00	1.6
2	ROOM No.702	5.00	80%	4.00	1.6
3	ROOM No.703	5.00	80%	4.00	1.6
4	ROOM No.704	5.00	80%	4.00	1.6
5	ROOM No.705	5.00	80%	4.00	1.6
6	ROOM No.706	5.00	80%	4.00	1.6
7	ROOM No.707	5.00	80%	4.00	1.6
8	ROOM No.708	5.00	80%	4.00	1.6
9	ROOM No.709	5.00	80%	4.00	1.6
10	ROOM No.710	5.00	80%	4.00	1.6
11	ROOM No.711	5.00	80%	4.00	1.6
12	ROOM No.712	5.00	80%	4.00	1.6
13	ROOM No.713	5.00	80%	4.00	1.6
14	ROOM No.714	5.00	80%	4.00	1.6
15	ROOM No.715	5.00	80%	4.00	1.6
16	ROOM No.716	5.00	80%	4.00	1.6
17	ROOM No.717	5.00	80%	4.00	1.6
18	ROOM No.718	5.00	80%	4.00	1.6
19	ROOM No.719	5.00	80%	4.00	1.6
20	ROOM No.720	5.00	80%	4.00	1.6
21	ROOM No.721	5.00	80%	4.00	1.6
22	ROOM No.722	5.00	80%	4.00	1.6
23	ROOM No.723	5.00	80%	4.00	1.6
24	ROOM No.724	5.00	80%	4.00	1.6
25	ROOM No.725	5.00	80%	4.00	1.6
26	ROOM No.726	5.00	80%	4.00	1.6
27	ROOM No.727	5.00	80%	4.00	1.6
28	ROOM No.728	5.00	80%	4.00	1.6
	TOTAL	140.00		112.00	44.80
1	COMMON AREA	5.00	80%	4.00	4.00
	TOTAL	5.00		4.00	4.00
	8TH FLOOR				
1	ROOM No.801	5.00	80%	4.00	1.6
2	ROOM No.802	5.00	80%	4.00	1.6
3	ROOM No.803	5.00	80%	4.00	1.6
4	ROOM No.804	5.00	80%	4.00	1.6
5	ROOM No.805	5.00	80%	4.00	1.6
6	ROOM No.806	5.00	80%	4.00	1.6
7	ROOM No.807	5.00	80%	4.00	1.6
8	ROOM No.808	5.00	80%	4.00	1.6
9	ROOM No.809	5.00	80%	4.00	1.6
10	ROOM No.810	5.00	80%	4.00	1.6
11	ROOM No.811	5.00	80%	4.00	1.6
12	ROOM No.812	5.00	80%	4.00	1.6
13	ROOM No.813	5.00	80%	4.00	1.6
14	ROOM No.814	5.00	80%	4.00	1.6
15	ROOM No.815	5.00	80%	4.00	1.6
16	ROOM No.816	5.00	80%	4.00	1.6
17	ROOM No.817	5.00	80%	4.00	1.6
18	ROOM No.818	5.00	80%	4.00	1.6
19	ROOM No.819	5.00	80%	4.00	1.6
20	ROOM No.820	5.00	80%	4.00	1.6
21	ROOM No.821	5.00	80%	4.00	1.6
22	ROOM No.822	5.00	80%	4.00	1.6
23	ROOM No.823	5.00	80%	4.00	1.6
24	ROOM No.824	5.00	80%	4.00	1.6
25	ROOM No.825	5.00	80%	4.00	1.6
26	ROOM No.826	5.00	80%	4.00	1.6
27	ROOM No.827	5.00	80%	4.00	1.6
28	ROOM No.828	5.00	80%	4.00	1.6
	TOTAL	140.00		112.00	44.80
1	COMMON AREA	5.00	80%	4.00	4.00
	TOTAL	5.00		4.00	4.00
	9TH FLOOR				
1	ROOM No.901	5.00	80%	4.00	1.6
2	ROOM No.902	5.00	80%	4.00	1.6
3	ROOM No.903	5.00	80%	4.00	1.6
4	ROOM No.904	5.00	80%	4.00	1.6
5	ROOM No.905	5.00	80%	4.00	1.6
6	ROOM No.906	5.00	80%	4.00	1.6
7	ROOM No.907	5.00	80%	4.00	1.6
8	ROOM No.908	5.00	80%	4.00	1.6
9	ROOM No.909	5.00	80%	4.00	1.6
10	ROOM No.910	5.00	80%	4.00	1.6
11	ROOM No.911	5.00	80%	4.00	1.6
12	ROOM No.912	5.00	80%	4.00	1.6
13	ROOM No.913	5.00	80%	4.00	1.6
14	ROOM No.914	5.00	80%	4.00	1.6
15	ROOM No.915	5.00	80%	4.00	1.6
16	ROOM No.916	5.00	80%	4.00	1.6
17	ROOM No.917	5.00	80%	4.00	1.6
18	ROOM No.918	5.00	80%	4.00	1.6
19	ROOM No.919	5.00	80%	4.00	1.6
20	ROOM No.920	5.00	80%	4.00	1.6
21	ROOM No.921	5.00	80%	4.00	1.6
22	ROOM No.922	5.00	80%	4.00	1.6
23	ROOM No.923	5.00	80%	4.00	1.6
24	ROOM No.924	5.00	80%	4.00	1.6
25	ROOM No.925	5.00	80%	4.00	1.6
26	ROOM No.926	5.00	80%	4.00	1.6
27	ROOM No.927	5.00	80%	4.00	1.6
28	ROOM No.928	5.00	80%	4.00	1.6
	TOTAL	140.00		112.00	44.80
1	COMMON AREA	5.00	80%	4.00	4.00
	TOTAL	5.00		4.00	4.00
	GRAND TOTAL FOR RAISIN.OFFICE & LIVING ROOM AREA & COMMON SPACES	1556.75		1234.40	763.52
1	LIFT LOAD	90.00	100%	90.00	
2	FIRE FIGHTING	135.00	10%	13.50	
3	WTP	30.00	80%	24.00	
4	STP	25.00	80%	20.00	
5	EXTERNAL LIGHTING	5.00	80%	4.00	
6	VENTILATION	130.05	65%	84.53	
7	PRESSURIZATION	55.00	80%	44.00	
	TOTAL	476.05		286.03	286.03

SELECTION OF TRANSFORMER & DG FOR MULTI METERING SYSTEM			
GRAND TOTAL	1556.75	1234.40	681.55
Transformer Capacity Considering 0.95 Power Factor		1299.37	851.94
Transformer Capacity Considering 85% Loading		1528.67	1064.93
Transformer Capacity 1000KVA X 2 NOS 11KV/0.415KV OIL TYPE TRANSFORMER			
DG Capacity 525KVA X 1 NOS.			

SELECTION OF TRANSFORMER & DG FOR SINGLE METERING SYSTEM			
GRAND TOTAL		334.03	416.00
Transformer Capacity Considering 0.95 Power Factor		351.61	520.00
Transformer Capacity Considering 85% Loading		413.66	650.00
Transformer Capacity 400KVA X 1 NOS 11KV/0.415KV OIL TYPE TRANSFORMER			
DG Capacity 625KVA X 1 NOS.			





SINGLE ARM POLE DETAIL

Rev. No.	Date	Revision
..	..	..

Project :
ROCK ONE SQUARE
AT VILLAGE NOOR NAGAR GHAZIABAD (U.P.)

Title :
SITE LAYOUT PLAN

Subtitle :
EXTERNAL LIGHTING & SETTING OUT PLAN

Drawing Released For :
☐ APPROVAL ■ RERA SUBMISSION
☐ ADVANCE COPY ☐ CONSTRUCTION

Drg. No : Rockone / Rera / EL -01

Scale : 1:150 | Drawn By : Gussain

Date : February 2026 | Design By :

Ckd By : Ar.Rohit Agarwal

Architects :
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