ELECTRICAL POLE (HEIGHT 6.0 MT.)
50 WATT. LED

ELECTRICAL POLE (HEIGHT 6.0 MT.)
100 WATT. LED

TOWER-02
(ATLAS)
3 BASEMENT
+ GROUND
+ 37 FLOOR
(131.300 MT.
AT. Terrace lvl.

156280

PLOT -03 /GH-04

PLOT LINE

9.0 M WIDE FIRE TENDER PATH

LVL +1050

RAMP IN SLOPE

GUARD ROOM

ENTRY / EXIT
LVL ±00

24.00 MT WIDE ROAD

OPEN E.S.S.

SPACE FOR OPEN E.S.S.

9.0 M WIDE FIRE TENDER PATH

9.0 M WIDE FIRE TENDER PATH

9.0 M WIDE FIRE TENDER PATH

9.0 M WIDE FIRE TENDER PATH

RAMP DN TO 1st. BASEMENT LVL. SLOPE 1:10

ENTRY RAMP

S.T.P. BELOW

UGT BELOW

TOWER-01
(EDEN,AQUA)
3 BASEMENT
+ GROUND
+ 34 FLOOR
(121.400 MT.
AT. Terrace lvl.

105360

GH
PLOT AREA=
(19690.67 SQ.MT.)

RAMP UP FROM 1st. BASEMENT SLOPE 1:10

EXIT RAMP

RAMP IN SLOPE

LVL +1050

LVL +450

7.5 M WIDE FIRE TENDER PATH

LVL +450

LVL +450

COMMERCIAL ENTRY

COMMERCIAL ENTRY
LVL ±00

COMMERCIAL ENTRY
LVL ±00

PLOT LINE

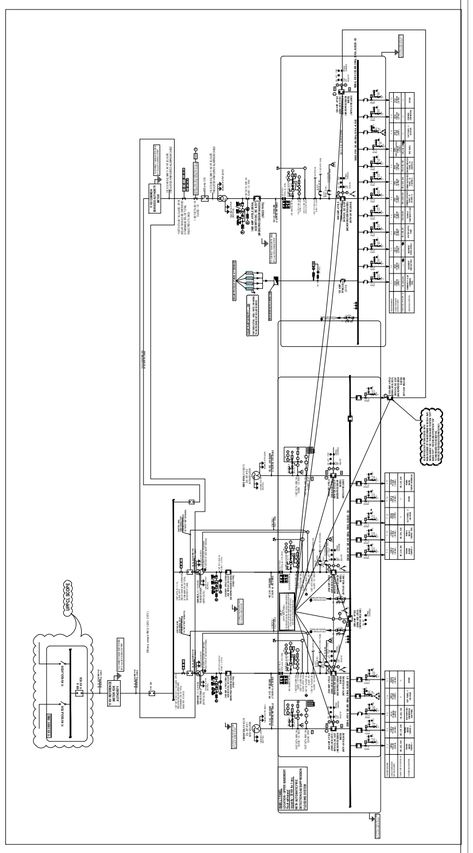
156280

24.00 MT WIDE ROAD

TOWER-03
(CORAL,BLISS)
3 BASEMENT
+ GROUND
+ 34 FLOOR
(121.400 MT.
AT. Terrace lvl.

ELECTRICAL LOAD DETAILS OF PROPOSED GROUP HOUSING PROJECT "SKA ATLANTIS" AT PLOT NO. 3/ GH-03, SIDHARTH VIHAR YOJNA (GHAZIABAD)

S. No	Description	per Unit Area	Load/Sqm (W)	Load/Unit(KW)	Floors	Units/floor	Unit/Tower	Total Load	Unit
A	**Power Consumption for Units**								
1	TOWER-1	895.85	50	44.79	34	8	272	1522.95	KW
2	TOWER-2	644.83	50	32.24	37	4	148	1192.94	KW
3	TOWER-3	895.85	50	44.79	34	8	272	1522.95	KW
						Total	692	4238.83	KW
B	**Power Consumption for Services/common Areas**								
4	Elevator			20.00			26	520.00	KW
5	Common Lights			2.50			5	12.50	KW
6	Elidemal /Gate /landscape lighting							10.00	KW
7	Basements Lights							35.00	KW
8	Basement Ventillation							40.00	KW
9	Convenient Shops	2928.44	40	117.14			1	117.14	KW
10	Community Hall/ Club/ Facilities	1179.49	40	47.18			1	47.18	KW
11	Plumbing Load							10.00	KW
12	Fire pumps (only Jockey pumps have been considered)			10.00			2	20.00	KW
							Total Load	5050.65	KW
A	By taking Overall Diversity factor						50%	2525.32	KW
B	By taking Power factor						0.90	2805.92	KVA
C	Total Electric Load (say)							2806	KVA
D	Total Recommented transformes (90% loading)							3118	KVA
E	Recommented transformes of 2X 1500 KVA							2	Nos
F	Recommented DG for power back up of 2X 1500 KVA							2	Nos



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PROJECT :-
PROPOSED GROUP HOUSING
"SKA ATLANTIS" AT
PLOT NO - 3/GH-03
SIDDHARTH VIHAR YOJNA
GHAZIABAD U.P.

BUILDERS & PROMOTERS :-
AAROHI TOWERS PRIVATE LIMITED

DRAWING TITLE :-
SITE PLAN
EXTERNAL ELECTRICAL LAYOUT

ARCHITECTS :
Space Designers International
B-34,Sector-57, NOIDA-201301
PH :91-9711633717,18
e-mail : info@spaceid.com, www.spaceid.com

CHECKED BY :- VISHAL
SCALE :- 1:300
DATE :-

JRS Buildcon LLP
Designated Partner
OWNER'S SIGNATURE

ARCHITECT'S SIGNATURE

DRG. No. :-E-01