



ELECTRICAL LOAD DETAILS OF PROPOSED GROUP HOUSING PROJECT SKA DIVYA TOWER									
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-ORCHID	738.78	50	36.94	33	8	264	1218.99	KW
2	TOWER-TULIP	738.78	50	36.94	33	8	264	1218.99	KW
						Total	528	2437.99	KW
B	Power Consumption for Services/common Areas								
15	Elevator			27.00			8	216.00	KW
16	Common Lights			2.00			2	4.00	KW
17	External /Gate /landscape lighting							10.00	KW
18	Basements Lights							10.00	KW
19	Basement Ventilation							20.00	KW
20	Convenient Shops	472.48	50	23.62			1	23.62	KW
21	Community Hall/ Club/ Facilities	1051.16	75	78.84			1	78.84	KW
22	Misc.							20.00	KW
23	Plumbing Load							40.00	KW
24	Fire pumps (only Jockey pumps have been considered)			10.00			2	20.00	KW
						Total Load		2880.45	KW
A	By taking Overall Diversity factor						50%	1440.22	KW
B	By taking Power factor						0.90	1600.25	KVA
C	Total Electric Load (say)							1600	KVA
D	Total Recommended transformes (80% loading)							2000	KVA
E	Recommended transformes of 1000 KVA each							2	Nos

LEGEND

S. No.	SYMBOL	DESCRIPTION
1.		6 M. HIGH POLE WITH 70 WATT MH POST TOP LANTERN
2.		4 M. HIGH POLE WITH 70 WATT MH POST TOP LANTERN

PROJECT :-
PROPOSED GROUP HOUSING PROJECT
'SKA DIVYA TOWERS'
GH- 01A/1, SECTOR-16
GREATER NOIDA WEST (U.P)

CLIENT :-
M/S JRS CONBUILD PVT. LTD.
GH- 01A/1, SECTOR-16
GREATER NOIDA WEST (U.P)

SERVICES

SCALE :-

TITLE :-
ELECTRICAL

OWNER'S SIGN

ARCHITECT SIGN

DRG. NO. :-
ES-03