

SITE PLAN

PROJECT : KB CENTRAL

LOAD SUMMARY					
S.NO.	DESCRIPTION	CONNECTED LOAD (KW)	DIVERSITY FACTOR	MAXIMUM DEMAND (KW)	DG BACKUP
1	General Lighting Load	528	AS PER AREA DETAILS	355	355
2	General Power Load	3227	AS PER AREA DETAILS	811	811
3	General UPS Load	91	0.8	73	73
4	Lifts (11 Nos @10KW each)	110	1	110	110
5	Swimming Pool Equipments Load	50	0.6	30	30
6	ESCALATOR (8NOS @15 KW)	120	0.8	96	96
7	Kitchen Load	30	0.6	18	18
8	Basements Ventilation	200	0.5	100	100
9	HVAC Load	1800	0.7	1260	1260
10	Plumbing & STP Load	80	0.7	56	56
11	Fire Fighting Load	200	ONLY JOCKEY PUMP CONSIDERED	20	20
12	External Lighting Load	10	0.8	8	8
	E.Vehicle Charging Point	392	0.2	78	78
	TOTAL LOAD (KW)	6838 KW		3015 KW	3015 KW

TRANSFORMER SIZE

Peak Demand Load @ 0.8 Diversity factor	2411.93	KW
Peak Demand KVA on 0.95 Power factor	2538.87	KVA
Transformer Rating at 85% Loading	2986.90	KVA

Provide 2Nos. 1600 KVA 33 KV/0.433 KV Oil Type Transformer

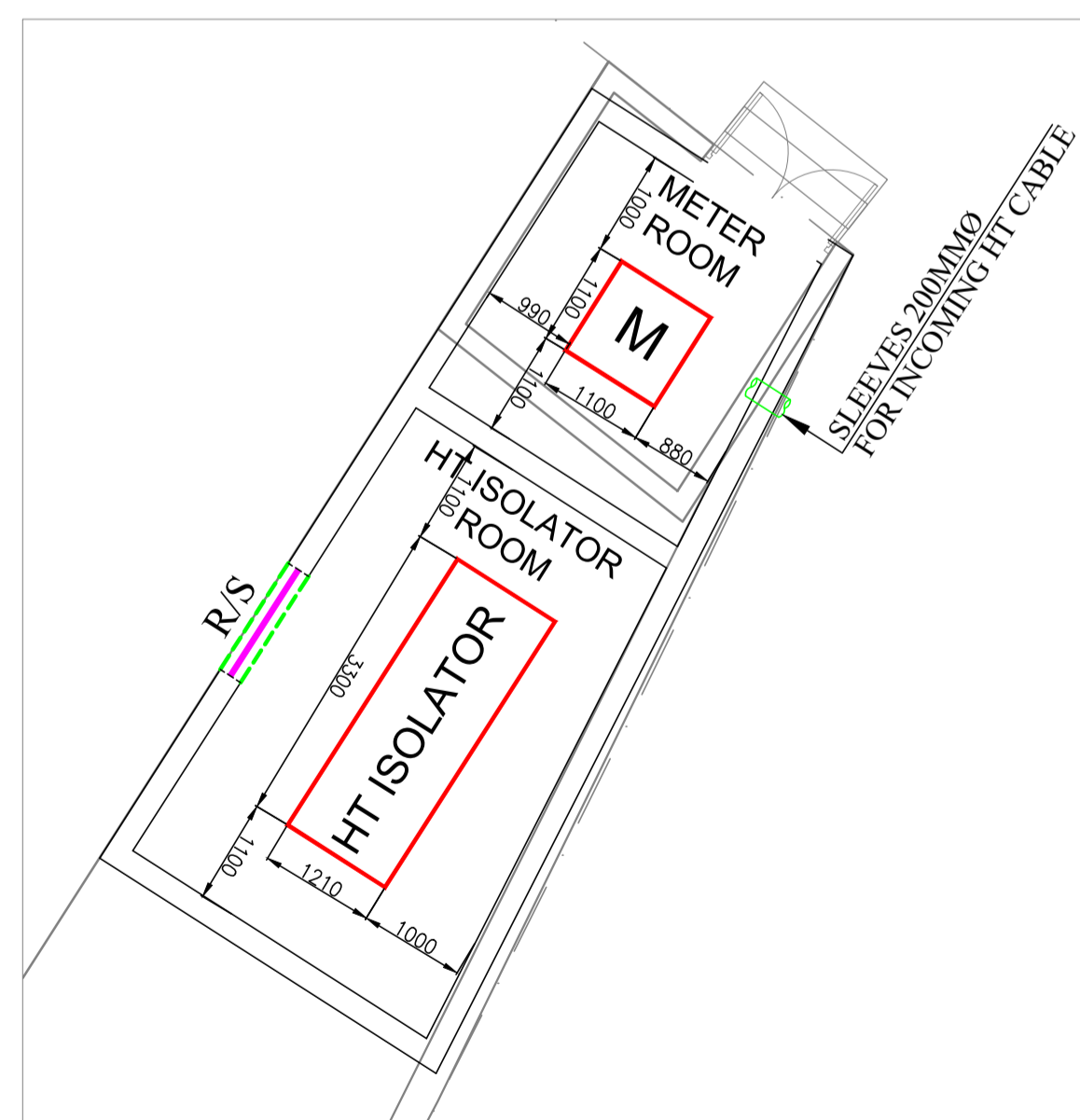
D.G. SET SIZE

Peak Demand Load @ 0.8 Diversity factor	2411.93	KW
Peak Demand KVA on 0.8 Power factor	3014.91	KVA
D.G. Rating at 85% Loading	3546.95	KVA

Provide 3 Nos. 1250 KVA Air Cooled DG Sets



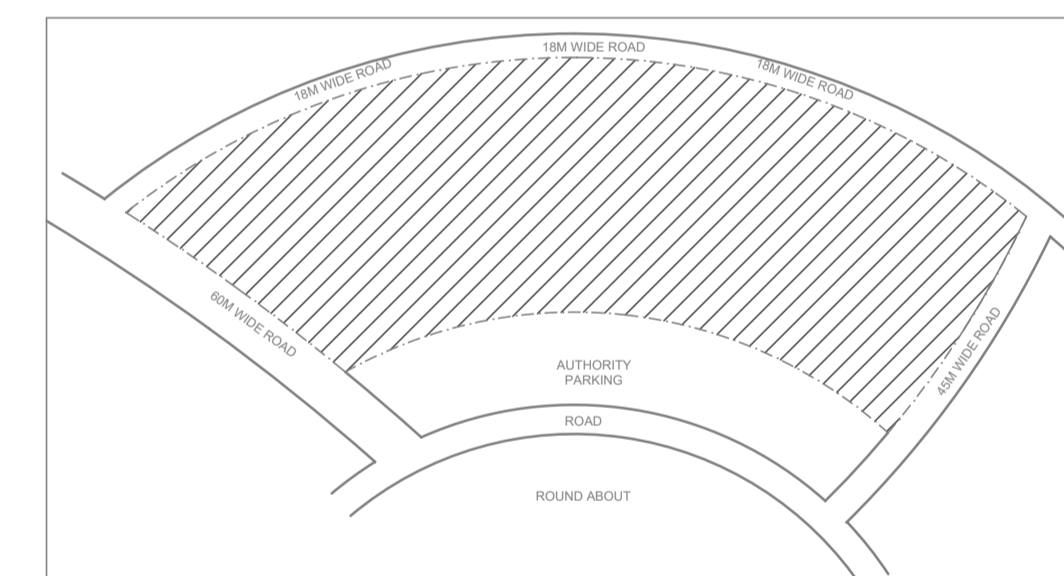
DETAIL A-
DG AT BASEMENT-01
FLOOR



DETAIL B-
HT METER AND
ISOLATOR ON SITE



DETAIL C-
ESS AT LOWER
GROUND FLOOR



DOOR WINDOW SCHEDULE

TYPE	CILL	LINTEL	WIDTH	DESCRIPTION
D1	-	2400	2300	Equal Swing
D2	-	2400	1000	Unequal Swing
D3	-	2400	2000	-
FD1	-	2400	2150	Equal Swing
FD2	-	2400	1500	Equal Swing
FD3	-	2400	1000	-

For AVORA BUILDERS PVT. LTD.

Director

OWNER'S SIGN

GIAN P. MATHUR
ARCHITECT
B. Arch., M.C.A., A.I.A.
CA No 80/5769

ARCHITECT'S SIGN

CLIENT:

AVORA BUILDERS PVT. LTD.

PROJECT:

KB CENTRAL
CHI-IV, GREATER NOIDA

SANCTION DRAWINGS

TITLE
SITE PLAN
ELECTRICAL LAYOUT PLAN

DEALT DEEPAK
CHKD ATEEQ

SCALE - 1:200
DRG. NO. - S-01

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GIAN P. MATHUR AND ASSOCIATES (P) LTD.
C-55, East Of Kailash, New Delhi-110065
T: 465995911 F: 46599512
E: info@gpmindia.com I W: www.gpmindia.com

