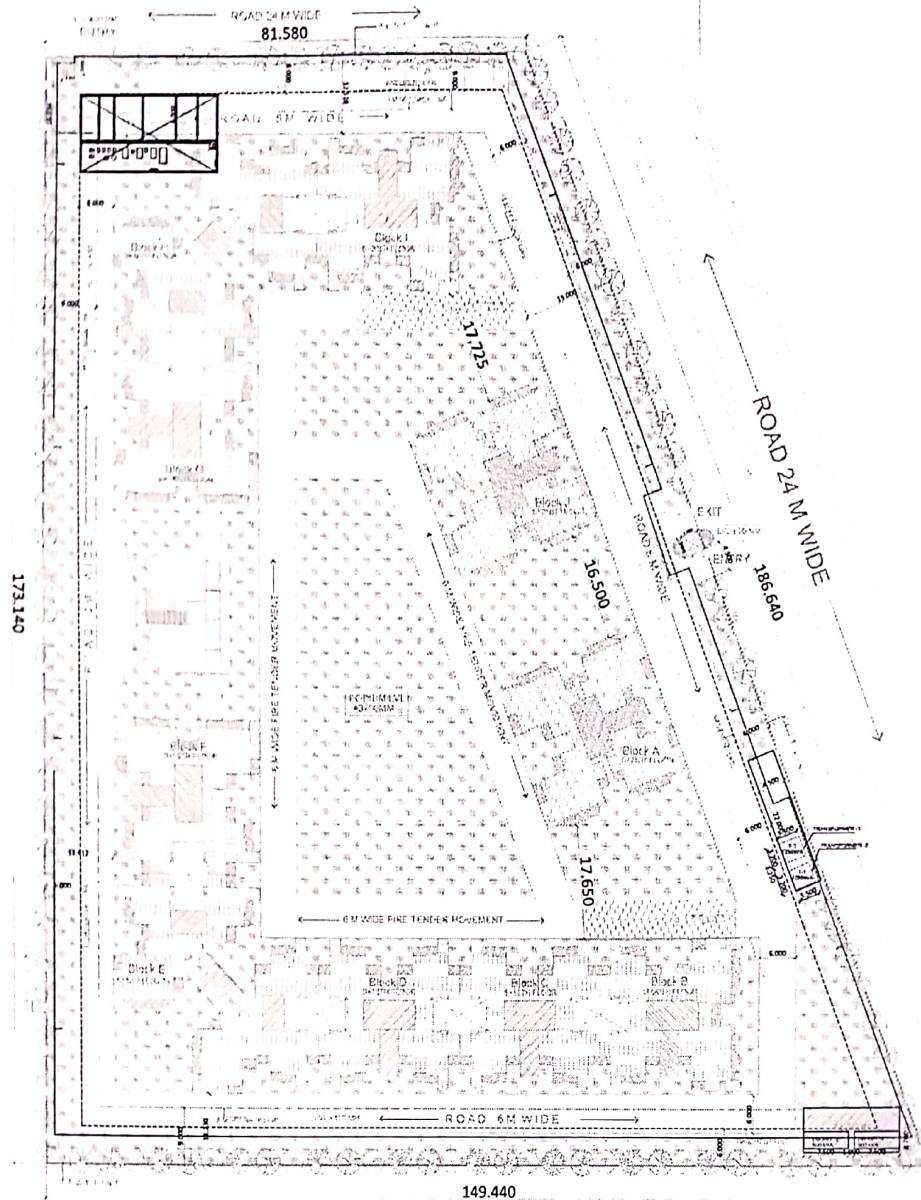




S.NO	DESCRIPTION	AREA (SQM)	AREA (SQFT)	LOAD DENSITY (W/SQMT OR W/SQFT.)	C.L (KW)	DIV.	IMD (KW)
	Load Taken as Per UPERC						
	For Domestic-500W/105sq.Mtr						
	For Commercial-1500W/105sq.Mtr						
1	Block-A	7867.96	84659.25	0.5	393.40	0.50	196.70
2	Block-B	6667.69	71744.34	0.5	333.38	0.50	166.69
3	Block-C	5651.34	60908.42	0.5	282.57	0.50	141.28
4	Block-D	5651.34	60908.42	0.5	282.57	0.50	141.28
5	Block-E	8510.10	91568.68	0.5	425.51	0.50	212.75
6	Block-F	6095.39	64518.00	0.5	304.77	0.50	150.13
7	Block-G	6095.39	64518.00	0.5	304.77	0.50	150.13
8	Block-H	8510.10	91568.68	0.5	425.51	0.50	212.75
9	Block-I	6667.69	71744.34	0.5	333.38	0.50	166.69
10	Block-J	7867.96	84659.25	0.5	393.40	0.50	196.70
11	Basement	16611.13	178735.76	0.6	107.24	0.02	85.79
12	Slit Area	4725.76	50849.18	0.5	25.42	0.02	20.34
13	Commercial Area	200.00	38757	1.5	105.00	0.75	78.75
14	External Lighting				60.00	0.60	36.00
15	Plumbing Load				70.00	0.60	42.00
16	Ventilation Load				190.00	0.70	105.00
17	STP				50.00	0.80	40.00
18	Fire Lighting				150.00	-	15.00
19	Lift 2Nos. @12.5kW each				250.00	1.00	250.00
20	Miscellaneous				100.00	1.00	100.00
	SUB-TOTAL				4537.91		2508.01
	GRAND TOTAL				4537.91		2508.01
	Total Demand Load @ 0.8 Diversity						2006.411W
	POWER FACTOR @	0.9					2229.34kVA
	TOTAL LOAD IN kVA						2477.04kVA
	Equipment Loading @	0.9					2477.04kVA
	Transformer Selected				2nos. 1250kVA		
	DC SET FOR ESSENTIAL LOADS						
	TOTAL DEMAND LOAD						677.88kW
	POWER FACTOR @	0.8					841.11kVA
	EQUIPMENT LOADING @	0.8					1051.38kVA
	DC SET PROPOSED				2 nos. 500kVA		

SUBMISSION DRAWING
PROJECT
PROPOSED GROUP HOUSING
AT PLOT NO. 54-BB,
SECTOR-01, G. NOIDA, U.P.
CLIENT
RAJHANS INFRA TECH PVT. LTD.

MEP CONSULTANT

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New Delhi - 110019
Telephone : 011-26460025, 26460026

SHEET TITLE
SITE PLAN ELECTRICAL LAYOUT

DATE: 30-08-2015
SCALE: 1:100 (SHEET)
DRAWN BY: ANSHU KUMAR
CHECKED BY: ANSHU KUMAR

ARCHITECTS
SPACE DESIGN GROUP
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