

Electrical Load Calculations									
S.N.	Item Description	Area per flat in sq mt	Unit	Qty	Load per sq mt in W	Load in KW	Total Load in KW	Diversity	Maximum load in kw
A.	Pocket 1								
1	Plot	83.57	No.	58	50W	4.18 KW	242.35 KW	50%	121.18 KW
B.	Pocket 2								
1	Plot	126.0	No.	52	50W	6.30 KW	327.60 KW	50%	163.80 KW
C.	Pocket 3								
1	Plot	126.0	No.	28	50W	6.30 KW	176.40 KW	50%	88.20 KW
D.	Pocket 4								
1	Plot	167.20	No.	60	50W	8.36 KW	501.60 KW	50%	250.80 KW
E.	STP					50.00 KW	50.00 KW	80%	40.00 KW
F.	Street Lights+Landscape lights		No.	1		5.00 KW	5.00 KW	80%	4.00 KW
	DG SELECTION								
	Total load in KW CONSIDERING 70% OVERALL DIVERSITY								467.58 KW
	Total load in KVA considering 0.8 PF								584.48 KVA
	DG capacity in KVA assuming 85% loading								687.62 KVA
Hence we propose to install 1 Nos 750 KVA DG SET									
A.	Cricket Academy					50.00 KW	50.00 KW	75%	37.50 KW
B.	R-1 commercial area	6550	No.	1	150W	982.50 KW	982.50 KW	75%	736.88 KW
C.	R-1 senior citizen homes	6550	No.	1	50W	327.50 KW	327.50 KW	50%	163.75 KW
D.	R-2 Pro Shop , Food & Beverages	510	No.	1	150W	76.50 KW	76.50 KW	75%	57.38 KW
E.	R-3 R-2 Pro Shop , Food & Beverages & Office at 4 th Floor	3570	No.	1	150W	535.50 KW	535.50 KW	75%	401.63 KW
F.	R-5 Club Tennis Center , Gymnastics , Badminton , Multi Purpose Hall	7650	No.	1	150W	1147.50 KW	1147.50 KW	75%	860.63 KW
G.	COMMERCIAL AREA	4047	No.	1	150W	607.05 KW	607.05 KW	75%	455.29 KW
H.	Plumbing					50.00 KW	50.00 KW	80%	40.00 KW
J.	Street Lights+Landscape lights		No.	1	10000W	10.00 KW	10.00 KW	80%	8.00 KW
K.	Fire fighting pumps					200.00 KW	200.00 KW	10%	20.00 KW
	DG SELECTION								
	Total load in KW CONSIDERING 70% OVERALL DIVERSITY								1946.73 KW
	Total load in KVA considering 0.8 PF								2433.41 KVA
	DG capacity in KVA assuming 85% loading								2862.83 KVA
Hence we propose to install 2 Nos 1250 KVA & 1 Nos 380 KVA DG SETS									
A.	R-4 Medicine Centre	7140	No.	1	150W	1071.00 KW	1071.00 KW	75%	803.25 KW
	DG SELECTION								
	Total load in KW CONSIDERING 80% OVERALL DIVERSITY								642.60 KW
	Total load in KVA considering 0.8 PF								803.25 KVA
	DG capacity in KVA assuming 85% loading								945.00 KVA
Hence we propose to install 1 Nos 1010 KVA DG SETS									

DEVELOPERS:-

M/s AMETEK BUILDTech INDIA PVT. LTD.
E SQUARE PLOT NO.-C 6, SECTOR-96 NOIDA

APPROVAL PLAN FOR SPORTS CITY AT
PLOT NO. SC 02A, SPORTS CITY, NEAR SECTOR
KP-V OF SECTOR 27, GREATER NOIDA

DRAWING TITLE:
SPORTSCITY AT GREATER NOIDA
(PART - 02A) ELECTRICAL
LOAD CALCULATION

DRAWING No. 11

SCALE

OWNER'S SIGN:

ARCHITECTS:
Space Designers International
B-34, Sector-67, NOIDA-201301
PH :91-9711633717,18
e-mail : info@spacedi.com
web:-www.spacedi.com

24.0 M. WIDE ROAD

ENTRY/EXIT

STP

ENTRY/EXIT

12.0 M WIDE ROAD

83.57 SQ.MT. (100 SQ.YD.) PLOTS

12.0 M WIDE ROAD

126.00 SQ.MT. (150 SQ.YD.) PLOTS

12.0 M WIDE ROAD

1 ACRE PARK

R-5

CLUB, TENNIS
CENTER, GYMNASIICS,
BADMINTON, ETC
G.C. = 2244.67 SQ.MT.

7.5 ACRE
SPORTS CENTRE

CRICKET
GROUND

R-3

PRO SHOP, Food &
Beverages
@GROUND COV.= 600 SQ.MT.

R-4

HOSPITAL /
MEDICAL CENTER
PLOT AREA 2700 SQ.MT.
G.C. = 1220 SQ.MT.

R-2

PRO SHOP, Food &
Beverages
@GROUND COV. = 150 SQ.MT.

R-1

PRO SHOP, Food &
Beverages 3 FLOORS ABOVE IT SENIOR CITIZEN
APPT.
@GROUND COV. = 2490 SQ.MT.

130.0 M. WIDE ROAD

- * AS PER BROCHURE FOLLOWING PLANNING NORMS SHALL BE APPLICABLE
1. Maximum permissible ground coverage of the entire land of 1,01,175.18 SQ.MT. shall be 30%
 2. Maximum permissible FAR on total land of 1,01,175.18 SQ.MT. acres shall be 1.5.
 3. FAR & Ground Coverage in recreational land uses shall be as per prevailing bye-laws.
 4. Permissible FAR for land use shall be allowed in the entire area within set back lines.
 5. There shall be no restrictions on the ground coverage and FAR in residential including Group Housing and Commercial land use within the overall permissible limit of 30% ground coverage and 1.5 FAR on total land of 1,01,175.18 SQ.MT.
 6. Ground coverage and FAR permissible for commercial use can be utilized for recreational and residential (group housing activities).
 7. Unutilized portion of FAR of recreational component on completion of sports, institutional, other facilities and open area can be utilized towards residential development.
 8. The open/green areas on the recreational components (i.e. sports activities such as Golf Course stadium etc., and open spaces) will be considered as open/green areas for entire land of 1,01,175.18 SQ.MT.
 9. The lessee shall plan development of SPORTS CITY by adhering to the land use percentage as mentioned in the brochure and as per building regulations.
 10. Composite floor area Ratio (FAR), of 1.5 on the total gross area of the allotted land will be permissible, which is fungible/ transferable in deferent land use components as prescribed.
 11. The obligation of the developer allottee with respect to the development of sports, institutional and other facilities alongwith their specifications are presented in annexure 2 of this document.
 12. The density will be 2100 persons per hectare for residential use only.

PLOT NO.-SC - 02B

PLOT 2A AREA DETAILS

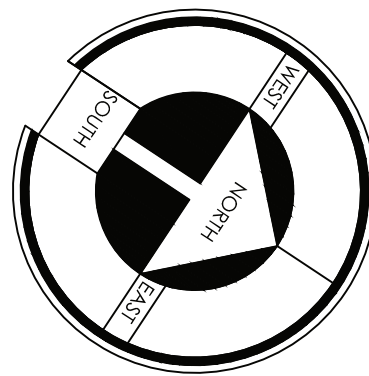
PERMISSIBLE LANDUSE AREA DETAIL			
		PERCENTAGE	AREA
1	TOTAL PLOT AREA		101175.18 SQ.MT.
2	COMMERCIAL LANDUSE	2%	2023.50 SQ.MT.
3	RESIDENTIAL LANDUSE	28%	28329.05 SQ.MT.
4	RECREATIONAL LANDUSE	70%	70822.63 SQ.MT.
PROPOSED LANDUSE AREA DETAIL			
5	COMMERCIAL LANDUSE	2%	2023.50 SQ.MT.
6	RESIDENTIAL LANDUSE	28%	28329.05 SQ.MT.
7	RECREATIONAL LANDUSE	70%	70822.63 SQ.MT.

		TOTAL PLOT AREA		101175.18		SQ.MT.					
RESIDENTIAL LANDUSE DETAIL						FAR AREA SQ.MT.		GROUND COV. SQ.MT.		POPULATION PERSONS @2UNIT PER PLOT	
				SQ.MT.							
1		PROPOSED RESIDENTIAL LANDUSE			28329.05						
	A	POCKET FOR PLOTTED					44926.308		18719.295		
		TOTAL					44926.308		18719.295		
										DENSITY PPH	
										629.0362631	
2		PROPOSED COMMERCIAL LANDUSE			2023.50		4047.0072		2023.50		
3		RECREATION LANDUSE			70822.63		34856		7937.00		
4		TOTAL PROPOSED FAR AREA OF TOTAL LAND			83829.315		0.829				
5		TOTAL PROPOSED GROUND COVER. AREA OF TOTAL LAND							28679.799 28.35%		

PROPOSED PROVISION OF FACILITIES PLOT SC-02A

(AS PER ANNEXURE 2 OF THE TENDER)

PLOT AREA		70822.63	SQ.MT.		
Sl. No.	Facility	Covered Activity Area		PERM. Height	
		Prop Gr Cov (SQ.MT.)	Prop FAR (SQ.MT.)		
1	CRICKET ACADEMY	960	2080	3 FLOORS	21 MT.
2	Internal Roads & Parks				
3	Circulation Spaces, Carpeting, Utilities etc.				
4	PLOT No. ACTIVITY				24 MT.
R-1	PLOT AREA = 5300 SQ.MT. ADMIN, MULTIPURPOSE HALL PRO SHOP, Food & Beverages UP TO 3 FLOORS AND SENIOR CITIZEN HOMES AT 4 FLOORS	2400.00	13100.00	7 FLOORS	24 MT.
R-2	PRO SHOP, Food & Beverages	150.00	510.00	4 FLOORS	14.9 MT.
R-3	PRO SHOP, Food & Beverages UP TO 3 FLOORS AND OFFICE AT 4 FLOORS	600.00	3570.00	7 FLOORS	24 MT.
R-4	PLOT AREA = 2700 SQ.MT. FOR HOSPITAL MEDICINE CENTRE	1200.00	7140.00	7 FLOORS	24 MT.
R-5	CLUB TENNIS CENTER, GYMNASIICS, BADMINTON, MULTIPURPOSE HALLS ETC.	2250.00	7650.00	4 FLOORS	24 MT.
	GATE ETC	375.00			
	TOTAL	7997.00	34856.00		
		11.21%	0.49	FAR	



ROAD	SETBACK OF 167.20 SQ.MT. PLOTS
ROAD	SETBACK OF 126.00 SQ.MT. PLOTS
ROAD	SETBACK OF 83.57 SQ.MT. PLOTS

PLOTTED POCKET					28329.05	SQ.MT.		
PLOT No.S	EACH PLOT AREA (SQ.MT.)	EACH PLOT SIZE (MT.)	EACH PLOT GROUND COVERAGE (SQ.MT)	EACH PLOT FAR AREA (SQ.MT)	No.S OF PLOT	TOTAL GROUND COVERAGE OF ALL PLOTS (SQ.MT)	TOTAL FAR AREA OF ALL PLOTS (SQ.MT)	TOTAL PLOT AREA IN SQ.MT.
PLOT P1-01 TO P1-58	83.57	6.10X13.70	62.68	150.426	58	3635.295	8724.708	4847.06
PLOT P2-01 TO P2-52 AND P3-01 TO P3-28	126.00	7.00X18.00	94.50	226.800	80	7560.000	18144.000	10080.00
PLOT P4-01 TO P4-60	167.20	8.00X20.90	125.40	300.960	60	7524.000	18057.600	10032.00
					198	18719.295	44926.308	24959.06
CONSIDERING 2 DWELLING UNITS ON EACH PLOT TOTAL POPULATION OF RERESIDENTIAL POCKET 4.5 PERSONS PER DU.					1782	PERSONS		

DEVELOPERS:-

M/S AMETEK BUILTECH INDIA PVT. LTD.
E SQUARE PLOT NO.-C 6, SECTOR-96 NOIDA

APPROVAL PLAN FOR SPORTS CITY AT
PLOT NO. SC 02A, SPORTS CITY, NEAR SECTOR
K-P V OF SECTOR 27, GREATER NOIDA

DRAWING TITLE:
SPORTSCITY AT GREATER NOIDA
(PART - 02A) ELECTRICAL
LAY OUT PLAN WITH RECREATIONAL

DRAWING No. 10

SCALE

OWNER'S SIGN:

ARCHITECTS:
Space Designers International
B-34, Sector-67, NOIDA-201301
PH : 91-9711633717, 18
e-mail : info@spacedi.com
web : www.spacedi.com