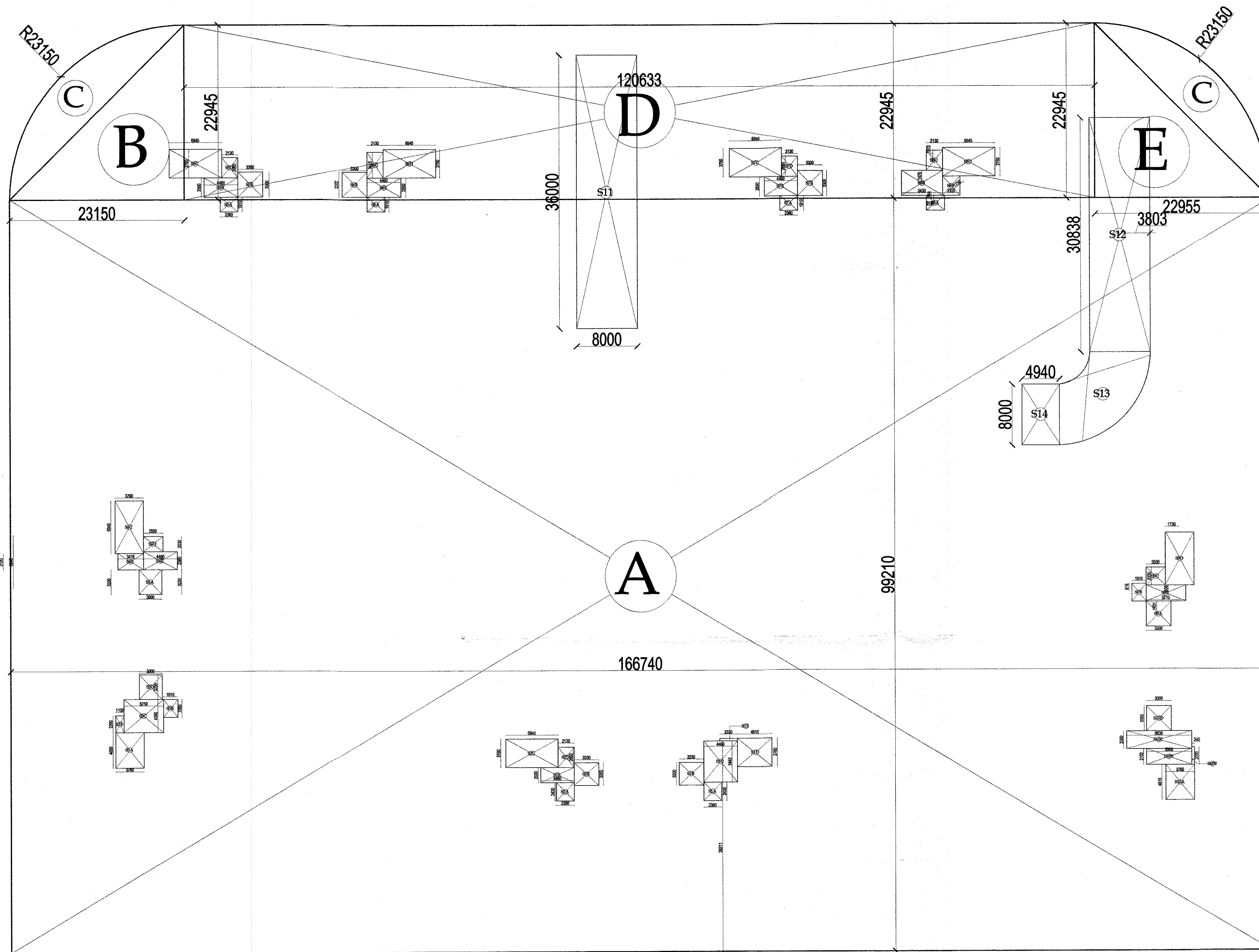




DIMENSIONS PLAN FOR 1ST&2ND BASEMENT LVL

AREA CALCULATION:-

$$A = 166.740 \times 99.210 = 16542.275 \text{ SQMT.}$$

$$B = \frac{1}{2} \times 23.150 \times 22.945 = 265.588 \text{ SQMT.}$$

$$D = 120.633 \times 22.945 = 2767.924 \text{ SQMT.}$$

$$E = \frac{1}{2} \times 22.945 \times 22.955 = 263.351 \text{ SQMT.}$$

$$F = \frac{1}{2} \times 22.945 \times 22.955 = 263.351 \text{ SQMT.}$$

$$\text{SEGMENT OF A CIRCLE} = \frac{\theta}{360} (\pi r^2) - \frac{1}{2} r^2 \sin \theta$$

$$\theta = 90^\circ, r = 24.067, \pi = 3.14$$

$$= 0.25(3.14 \times 23.150 \times 23.150) - \frac{1}{2} \times 23.150 \times 23.150 \times 1$$

$$= 420.699 - 267.961 = 152.738 \text{ SQMT.}$$

$$= 152.738 \text{ SQMT.} \times 2 \text{ NOS.}$$

$$= 305.476 \text{ SQMT.}$$

TOTAL	= 20144.614 SQMT.
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BASEMENT SERVICE AREA = 104.45 SQMT.
AREA CALCULATION:-

USABLE CAR PARKING :-
= TOTAL BASEMENT AREA- (SERVICES AREA)
$$= \frac{20144.614 - (1263.76)}{30}$$

$$= 629.34 \text{ ECS}$$

=629 CARS
proposed cars=629 nos.

CAR PARKING CALCULATION FOR BASEMENT				
SL NO	LENGTH	WIDTH	NOS	AREA IN SQ. MT
BASEMENT AREA				20144.614
TOTAL FLOOR AREA (11th Industrial Dev. Auth.)				20144.61
SERVICE AREA FOR BASEMENT				1263.76
SL NO	LENGTH	WIDTH	NOS	AREA IN SQ. MT
S1A	2.360	2.430	1	5.747
S1B	3.230	3.000	1	9.690
S1C	4.460	5.440	1	24.285
S1D	4.615	3.760	1	17.352
S1E	2.330	3.000	1	6.990
S2A	2.360	2.430	1	5.747
S2B	4.460	5.440	1	24.285
S2C	6.945	3.760	1	26.113
S2D	2.130	2.660	1	5.666
S2E	3.230	3.000	1	9.690
S3A	3.760	4.685	1	17.616
S3B	1.100	2.260	1	2.486
S3C	5.210	4.390	1	22.872
S3D	3.000	3.230	1	9.690
S3E	1.910	2.360	1	4.508
S4A	3.000	3.230	1	9.690
S4B	3.415	2.130	1	7.274
S4C	3.760	6.945	1	26.113
S4D	2.550	2.030	1	5.177
S4E	4.460	2.360	1	10.526
S5A	2.360	1.910	1	4.508
S5B	4.460	2.550	1	11.373
S5C	6.945	3.760	1	26.113
S5D	2.130	2.660	1	5.666
S5E	3.300	3.300	1	10.890
S6A	2.360	1.910	1	4.508
S6B	3.300	3.300	1	10.890
S6C	2.130	3.415	1	7.274
S6D	6.945	3.760	1	26.113
S6E	4.460	2.550	1	11.373
S7A	2.360	1.910	1	4.508
S7B	4.460	2.550	1	11.373
S7C	6.945	3.760	1	26.113
S7D	2.130	2.660	1	5.666
S7E	3.300	3.300	1	10.890
S8A	2.360	1.910	1	4.508
S8B	5.430	3.300	1	17.919
S8C	2.130	2.660	1	5.676
S8D	6.945	3.760	1	26.113
S8E	2.330	2.550	1	5.942
S9A	3.300	3.300	1	10.890
S9B	2.360	1.910	1	4.508
S9C	2.550	2.330	1	5.942
S9D	6.945	3.760	1	26.113
S9E	2.130	5.210	1	11.097
S10A	3.760	4.615	1	17.352
S10B	5.966	2.100	1	12.529
S10C	8.630	2.360	1	20.367
S10D	3.300	3.300	1	10.890
S10E	0.345	2.330	1	0.804
S11	8.000	36.000	1	288.000
S12	8.000	30.838	1	246.704
S13	AS PER PLINE			101.540
S14	4.940	8.000	1	39.520
TOTAL SERVICES AREA (2)				1263.76
USABLE CAR SPACE IN BASEMENT (3) = (1-2)				18880.86

SCALE 1:200	DATE
DRAWN BY	DRG. NO. SUB-A-102
PROJECT PROPOSED GROUP HOUSING AT PLOT NO-04, GH-04, SECTOR- 4 (G.NOIDA)	
DRAWING TITLE 1st BASEMENT PLAN	
OWNERS SIGN. For AIMS SOLE INVESTOR DEVELOPERS PVT. LTD. <i>Amal Kishore</i> Authorised Signatory	ARCHITECTS SIGN. RAJIV GANDHI ARCHITECT LIC. NO. CA/SU/13852