



TOTAL AREA IN BASEMENT

NORMAL PARKING	
(A) - AREA IN SERVICES	
1 UG TANK & PUMP ROOM	= 320
2 STP	= 513
3 DG SET-01	= 592
4 DG SET-02	= 521
5 FIRE STAIRCASE (5 x 20.53)	= 102.65
6 CIRCULATION AREA 'A' TOWER	= 84.01
7 CIRCULATION AREA 'AB' TOWER	= 215.43
8 CIRCULATION AREA 'B' TOWER	= 366.5
9 CIRCULATION AREA 'C' TOWER	= 270.45
TOTAL	2985.04 (C)
AREA UNDER NORMAL PARKING = 23982.45 (A - C)	
MECHANICAL PARKING	
(B) - AREA IN SERVICES	
AREA IN SERVICES	
FIRE STAIRCASE (2 x 20.53)	= 41.06
TOTAL	7718.27 (B - 41.06)
AREA UNDER MECHANICAL PARKING = 7718.27 (B - 41.06)	

UNDER GROUND TANK & PUMP HOUSE
TOTAL CAPACITY = 675 KL

1000 2-WAY FIRE BRIGADE DRAWOUT CONNECTION

1500-4 WAY FIRE BRIGADE INLET CONNECTION FOR U.G. TANK FILLING

1500-4 WAY FIRE BRIGADE INLET CONNECTION FOR INTERNAL RISERS

FLATS	=	914 X 1.5	=	1371
EWS @ 5% OF THAT FOR FLATS	=		=	69
VILLAS	=	44 X 1.5	=	66
TOTAL ECS REQUIRED	=		=	1506
75% OF PARKING IN FLATS & EWS SHALL BE COVERED = 75% OF [1371 + 69] = 1080				
ECS PROPOSED IN BASEMENT AS PER AREA				
MECHANICAL PARKING	=	7718 / 16	=	482
NORMAL PARKING	=	23982 / 35	=	685
TOTAL COVERED PARKING	=		=	1168
ECS PROPOSED ON SURFACE				
	=	9102 / 25	=	364
ECS IN VILLAS				
	=		=	66
TOTAL ECS PROPOSED	=		=	1598

BASEMENT PARKING AREA CALCULATION

		SQ.MT.	X	SQ.MT.	=	SQ.MT.
1	0.5 X	19.480	X	24.02	=	233.955
2	0.5 X	17.969	X	9.478	=	170.310
3	0.5 X	42.800	X	24.02	=	514.028
4		25.543	X	48.762	=	1245.528
5		15.526	X	50.241	=	780.042
6		7.900	X	38.43	=	303.597
7	0.5 X	(4.039+37.633)	X	18.853	=	392.821
8		7.900	X	21.6	=	170.640
9		15.800	X	16.0	=	252.800
10	0.5 X	(81.302+37.633)	X	70.016	=	4163.676
11		37.500	X	54.985	=	2061.938
12		25.578	X	5.431	=	138.914
13		67.722	X	59.687	=	4042.123
14	0.5 X	(5.060+31.985)	X	43.171	=	799.635
15	0.5 X	(24.551+6.111)	X	31.108	=	476.917
16	0.5 X	0.878	X	6.111	=	2.683
17	0.5 X	(54.256+42.965)	X	19.123	=	1006.071
18	0.5 X	(50.965+42.456)	X	22.079	=	1031.321
19		4.730	X	10.616	=	50.214
20	0.5 X	(10.616+22.043)	X	18.651	=	304.562
20a		16.419	X	28.199	=	462.999
21		24.176	X	11.108	=	268.547
22	0.5 X	(24.176+16.682)	X	12.381	=	252.931
23	0.5	16.509	X	26.28	=	216.928
24	0.5	10.349	X	6.41	=	33.169
25	0.5 X	6.383	X	36.215	=	115.580
26	0.5 X	(55.556+36.215)	X	13.071	=	599.769
27	0.5 X	(55.556+62.435)	X	19.341	=	1141.032
28		49.364	X	62.435	=	3082.041
29		9.736	X	6.274	=	61.084
30		65.403	X	17.191	=	1124.343
31	0.5 X	15.333	X	27.961	=	214.363
32	0.5 X	(3.167+10.770)	X	24.376	=	169.864
33		3.930	X	3.89	=	15.288
34	0.5	10.752	X	22.563	=	121.299
35	0.5 X	(22.563+23.821)	X	4.036	=	93.603
36	0.5 X	(23.245+28.810)	X	17.844	=	464.435
37		6.019	X	2.348	=	14.133
38		3.380	X	8.321	=	28.125
39		6.020	X	2.35	=	14.147
40		8.320	X	12.7	=	105.664
41		3.18	X	4.435	=	14.103
42	0.5 X	2.907	X	9.32	=	13.547
43	0.5 X	(15.206+10.477)	X	15.16	=	194.677
44		5.4	X	0.75	=	4.050
TOTAL						26967.494
A		7.900	X	11.811	=	93.307
B		39.900	X	28.641	=	1142.776
C		15.800	X	5.000	=	79.000
D		16.200	X	21.600	=	349.920
E		37.500	X	11.812	=	442.950
F		78.015	X	50.184	=	3915.105
G		55.700	X	16.612	=	925.288
H		4.730	X	11.427	=	54.050
I	0.5 X	18.651	X	11.427	=	106.562
J		1.166	X	6.156	=	7.178
K		17.585	X	36.576	=	643.189
TOTAL						7759.325
						SQ.MT.
TOTAL AREA IN BASEMENT						34726.819



LEGEND:

PLUMBING LEGEND	
①	110 OD UPVC SP STACK
②	110 OD UPVC WP STACK
③	110 ANE
④	DWS DTAKE
⑤	FWS DTAKE
⑥	110 OD UPVC R.W.P
⑦	110 OD UPVC R.W.P
⑧	110 OD UPVC R.W.P
⑨	110 OD UPVC R.W.P
⑩	110 OD UPVC R.W.P
⑪	110 OD UPVC R.W.P
⑫	110 OD UPVC R.W.P
⑬	110 OD UPVC R.W.P
⑭	110 OD UPVC R.W.P
⑮	110 OD UPVC R.W.P
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㊿	110 OD UPVC R.W.P

LEGEND:

SYMBOL	DESCRIPTION
—	SOIL PIPE
—	WASTE PIPE
—	CLEAN OUT PLUG

OWNER'S SIGN _____ ARCHITECT'S SIGN _____

PROJECT: PROPOSED GROUP HOUSING COLONY MEASURING 19.362 ACRE LICENSE NO. - 85 OF 2008, DATED 11.04.08 IN SECTOR-82, GURGAON, MANESAR URBAN COMPLEX.

OWNER: M/S. SPEAR DEVELOPERS PVT.LTD & OTHERS.

TITLE: **BASEMENT FLOOR PLAN**

ARCHITECTS: GIAN P. MATHUR & ASSOCIATES PVT. LTD. ARCHITECTS, ENGINEERS AND PLANNERS C-55, EAST OF KAILASH, NEW DELHI - 110065 PH - 011 - 46599599

SCALE : 1 : 350 DWG. NO. - 03