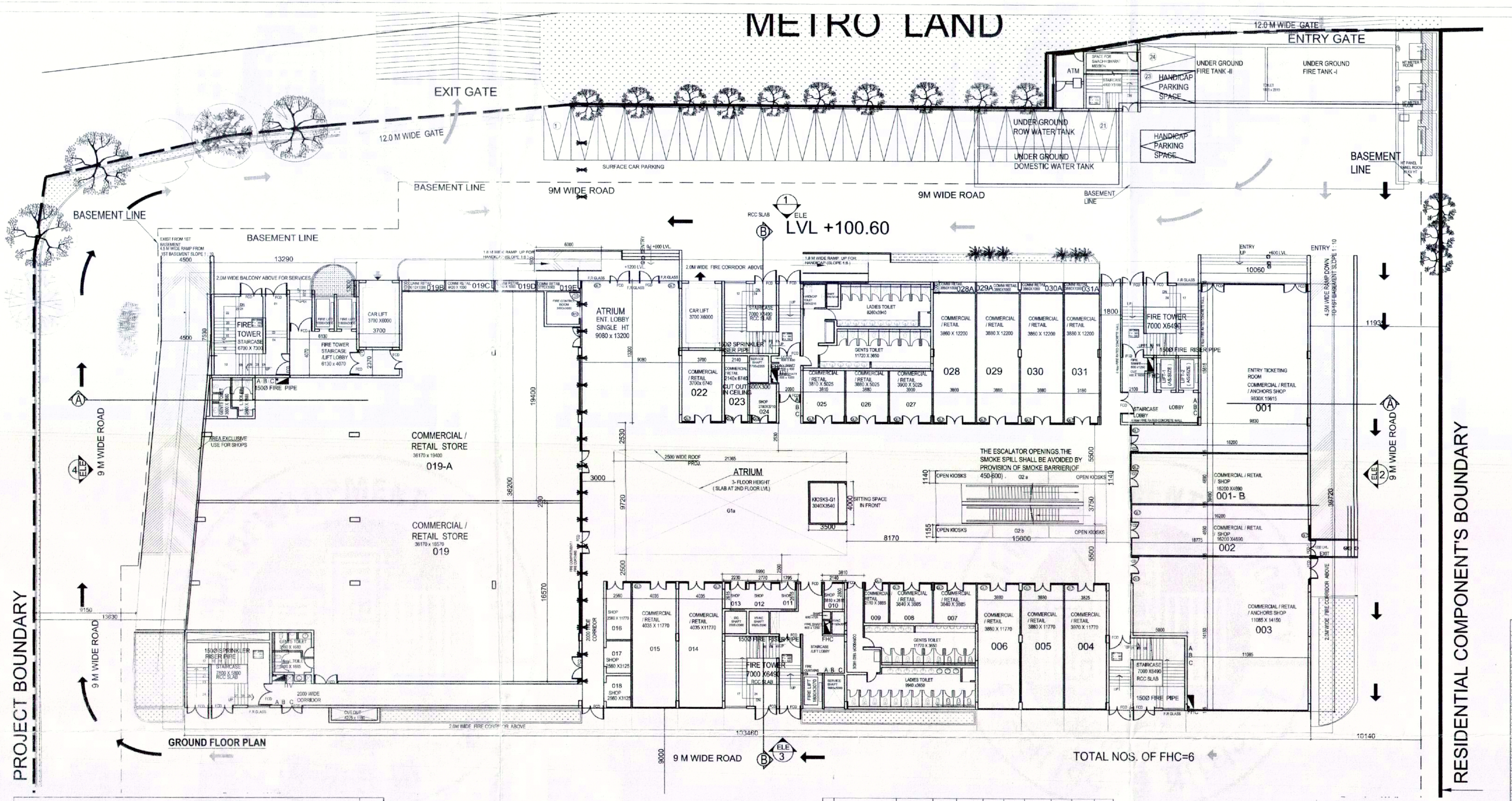
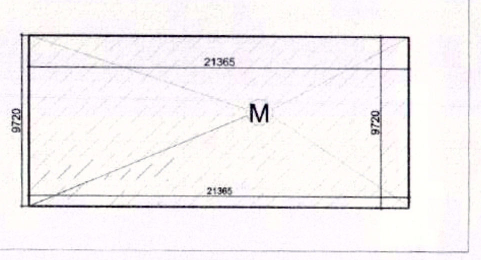


KATHPUTLI COLONY
SANITATION REQUIREMENTS FOR SHOPS/COMMERCIAL OFFICES

S.NO		AREA	UNIT						
	TOTAL FLOOR FAR AREA	16969.098	sqmt						
1	GROUND FLOOR AREA	2798.020	sqmt	persons					
2	Occupancies load on ground floor part 3 sqmt / persons	1748.762		583	nos.				
3	Occupancies load on ground floor sqmt / persons	1049.258		96	nos.				
4	UPPER FLOORS AREA	14171.078	sqmt						
5	Occupancies load on upper floors (1st to 11th Fl.) 6 sqmt / persons	14171.07876		2362	nos.				
6	Total population			3041	nos				
7	SANITARY UNITS/FITTINGS	FOR PERSONNEL							
8		Gender Ratios 50 male 50 Female							
9		male		female		Handicape toilet			
10		1516	nos.	1516	nos.	nos.			
11		Required nos	Provided nos	Required nos	Provided nos	Required nos	Provided nos	Total required nos	Total provided nos	Total handicap provided
12	WATER CLOSET	56	95	136	174	14	14	192	269	14
13	WASH BASIN	56	78	136	165	14	14	192	243	14
14	URINALS	56	46	N.A	N.A	-	-	56	46	-
15	ABLUATION TAPS	56	93	136	174	14	14	192	267	14



COMMERCIAL F.A.R.

	FLOOR		F.A.R. AREA (Sqm)		
1	GROUND FLOOR	=		2,798.020	Sqm
2	FIRST FLOOR	=		2,828.712	Sqm
3	2ND FLOOR	=		2,782.654	Sqm
4	3RD FLOOR	=		2,426.626	Sqm
5	4TH FLOOR	=		1,003.933	Sqm
6	4TH FLOOR 1ST LVL	=		2,874.732	Sqm
7	5TH FLOOR	=		1,112.106	Sqm
8	6TH FLOOR	=		381.461	Sqm
9	7TH,8TH,9TH,10TH (4 TYPICAL FLOORS)	=		652.771	Sqm
10	11TH FLOOR	=		108.083	Sqm
11	TERRACE FLOOR	=		-	Sqm
12	TOTAL			16,969.098	Sqm
13	GROUND COVERAGE			3,523.418	Sqm
14	BASEMENT AREA (FREE OF F.A.R.)				
15	FIRST BASEMENT FLOOR	=		6,512.300	Sqm
16	SECOND BASEMENT FLOOR	=		6,832.055	Sqm
17	THIRD BASEMENT FLOOR	=		6,810.552	Sqm
18					
19	NET BASEMENT AREA	=		20154.907	Sqm
20					
22	12th. FL.SERVICE FLOOR AREA (FREE OF F.A.R.			711.564	Sqm
23	CAR PARKING AREA(FREE OF F.A.R)				
24	6th FLOOR	=		580.672	Sqm
25	7 th FLOORS	=		938.292	Sqm
26	8 th FLOORS	=		938.292	Sqm
27	9TH FLOOR	=		938.292	Sqm
28	10TH FLOOR	=		938.292	Sqm
29	11TH FLOOR	=		938.292	Sqm
30					
31				5,272.03	Sqm
32	PARKING AREA CALCULATION				
33	Required car parking 3 ECS Per 100 sqmtr = 16969.098/ 100 *3 = 509.07 = SAY 510 Nos.				
34	BASEMENTS FLOOR 32 Sqmtr /ECS ; PARKING 32 Sqmtr /ECS, SURFACE PARKING 23sqmtr/ECS.				
35		AREA	AS PER AREA	AS PER COUNTING	
36	FIRST BASEMENT				
37	CONVENTIONAL PARKING AREA	=	5174.963		
38	SECOND BASEMENT				
39	CONVENTIONAL PARKING AREA	=	5287.310		158 No's
40	THIRD BASEMENT				
41	CONVENTIONAL PARKING AREA	=	5967.406		
42	PARKING(6 TH.+7TH.+8TH.+9TH.+10TH.+11TH. FLOOR)	=	5272.031		
43	SURFACE PARKING AREA	=	600.000	26	24 No's
44	PROPOSED CAR PARKING			767	624 No's
	TOTAL 2-WHEELER PARKING				110 No's
	TOTAL CYCLES PARKING				15 No's
45	BUILDING HEIGHT		60.15 M(mumty ht) / 69.50 m (feature ht)		
46	GREEN AREA	728	-11.64%		

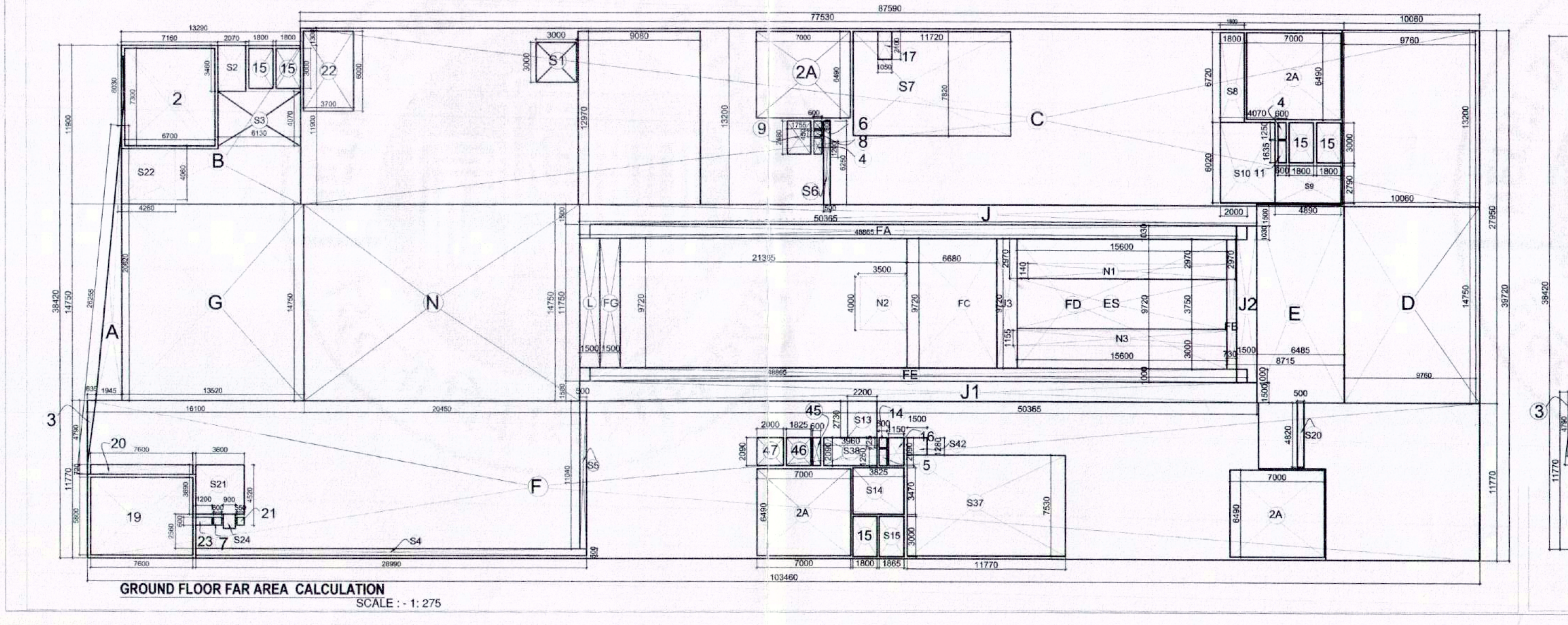
Name: PARVEEN KUMAR
Designation : Assistant Engineer
Organization : DELHI DEVELOPMENT AUTHORITY
Date: 11-Oct-2019 15:39:49

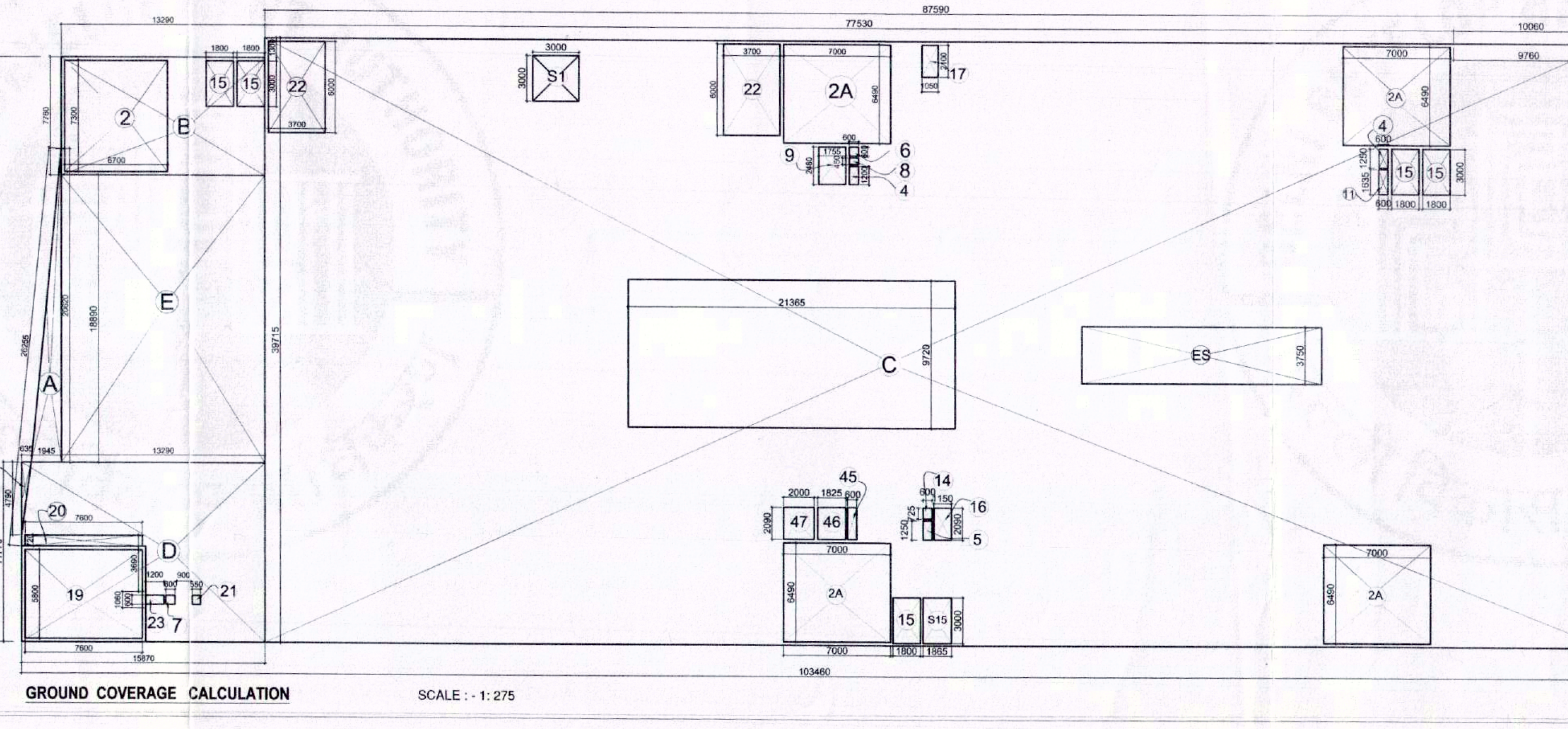
AREA CHART
COVERAGE AREA CALCULATION OF GROUND FLOOR

S.No.	Length		Width		Area	Nos.	Total Area	UNIT
ADDITIONS:								
A	1.945	x	20.620	=	40.106	0.5	20.053	Sqm
B	13.290	x	7.700	=	102.330	1.0	102.330	Sqm
C	87.590	x	39.720	=	3,479.075	1.0	3,479.075	Sqm
D	15.870	x	11.770	=	186.790	1.0	186.790	Sqm
E	13.290	x	18.890	=	251.048	1.0	251.048	Sqm
					TOTAL		4,040.096	SQM
NET GROUND COVERAGE AREA ADDITIONS - DEDUCTIONS			4,040.096	-	516.678	=	3,523.418	SQM

AREA CHART
F.A.R. CALCULATION OF GROUND FLOOR

S.No.	Length		Width		Area	Nos.	Total Area	UNIT	Remarks
ADDITIONS:									
A	1.945	x	20.620	=	40.106	0.5	20.053	Sqm	
B	13.290	x	11.900	=	158.151	1.0	158.151	Sqm	
C	87.590	x	13.200	=	1,156.188	1.0	1,156.188	Sqm	
D	10.060	x	14.750	=	148.385	1.0	148.385	Sqm	
E	6.485	x	14.750	=	95.654	1.0	95.654	Sqm	
F	103.460	x	11.770	=	1,217.724	1.0	1,217.724	Sqm	
G	13.520	x	14.750	=	199.420	1.0	199.420	Sqm	
J	50.365	x	1.500	=	75.548	1.0	75.548	Sqm	corridor covd area
J1	50.365	x	1.500	=	75.548	1.0	75.548	Sqm	corridor covd area
J2	11.750	x	1.500	=	17.625	1.0	17.625	Sqm	corridor covd area
J3	1.500	x	9.720	=	14.580	1.0	14.580	Sqm	corridor covd area
L	1.500	x	9.720	=	14.580	1.0	14.580	Sqm	lift/Stair case lobby
N	20.450	x	14.750	=	301.638	1.0	301.638	Sqm	
OPEN KIOSKS N1	15.600	x	1.140	=	17.784	1.0	17.784	Sqm	open kiosk
OPEN KIOSKS N2	3.500	x	4.000	=	14.000	1.0	14.000	Sqm	BoxOffice
OPEN KIOSKS N3	15.600	x	1.155	=	18.018	1.0	18.018	Sqm	open kiosk
							3,544.894	SQM	
DEDUCTIONS:									
2	6.700	x	7.300	=	48.910	1.0	48.910	Sqm	Stair case
2A	7.000	x	6.490	=	45.430	4.0	181.720	Sqm	Stair case
3	0.635	x	4.790	=	3.042	0.5	1.521	Sqm	
4	0.600	x	1.200	=	0.720	2.0	1.440	Sqm	
5	0.600	x	1.250	=	0.750	1.0	0.750	Sqm	
6	0.600	x	0.600	=	0.360	1.0	0.360	Sqm	
7	0.600	x	0.450	=	0.270	1.0	0.270	Sqm	
8	0.600	x	0.600	=	0.360	1.0	0.360	Sqm	
9	1.755	x	2.480	=	4.352	1.0	4.352	Sqm	
11	0.600	x	1.635	=	0.981	1.0	0.981	Sqm	services core
14	0.600	x	0.725	=	0.435	1.0	0.435	Sqm	
15	1.800	x	3.000	=	5.400	6.0	32.400	Sqm	lift
16	1.150	x	2.090	=	2.404	1.0	2.404	Sqm	
17	1.050	x	2.100	=	2.205	1.0	2.205	Sqm	
19	7.600	x	5.800	=	44.080	1.0	44.080	Sqm	star area
20	7.600	x	0.720	=	5.472	1.0	5.472	Sqm	
21	0.550	x	0.600	=	0.330	1.0	0.330	Sqm	
22	3.700	x	6.000	=	22.200	2.0	44.400	Sqm	
23	1.200	x	0.600	=	0.720	1.0	0.720	Sqm	
45	0.600	x	2.090	=	1.254	1.0	1.254	Sqm	
46	1.825	x	2.090	=	3.814	1.0	3.814	Sqm	
47	2.000	x	2.090	=	4.180	1.0	4.180	Sqm	
S1	3.000	x	3.000	=	9.000	1.0	9.000	Sqm	fire control room
S2	2.070	x	3.460	=	7.162	1.0	7.162	Sqm	Ent. Lobby area
S3	6.310	x	4.070	=	25.682	1.0	25.682	Sqm	star /lift lobby area
S4	28.990	x	0.500	=	14.495	1.0	14.495	Sqm	services core
S5	0.500	x	11.040	=	5.520	1.0	5.520	Sqm	Corridor
S6	0.500	x	6.250	=	3.125	1.0	3.125	Sqm	Corridor
S7	11.720	x	7.820	=	91.650	1.0	91.650	Sqm	toilet area
S8	1.800	x	6.720	=	12.096	1.0	12.096	Sqm	star /lift lobby area
S9	4.890	x	2.790	=	13.643	1.0	13.643	Sqm	star /lift lobby area
S10	4.070	x	6.020	=	24.501	1.0	24.501	Sqm	star /lift lobby area
S13	2.200	x	2.730	=	6.006	1.0	6.006	Sqm	star /lift lobby area
S14	3.825	x	3.470	=	13.273	1.0	13.273	Sqm	star /lift lobby area
S15	1.865	x	3.000	=	5.595	1.0	5.595	Sqm	star /lift lobby area
S20	0.500	x	4.820	=	2.410	1.0	2.410	Sqm	Corridor
S21	3.600	x	3.690	=	13.284	1.0	13.284	Sqm	toilet area
S22	4.260	x	4.060	=	17.296	1.0	17.296	Sqm	toilet area
S24	0.900	x	1.060	=	0.954	1.0	0.954	Sqm	
S37	11.770	x	7.530	=	88.628	1.0	88.628	Sqm	toilet area
S38	3.960	x	2.090	=	8.276	1.0	8.276	Sqm	star /lift lobby area
S42	1.500	x	1.280	=	1.920	1.0	1.920	Sqm	corridor
							746.875	SQM	
NET F.A.R. AREA(GROUND FLOOR) ADDITIONS - DEDUCTIONS			3,544.894	-	746.875	=	2,798.020	SQM	
FREE OF F.A.R. AREA (GROUND FLOOR) ADDITIONS:									
2	6.700	x	7.300	=	48.910	1.0	48.910	Sqm	Stair case
2A	7.000	x	6.490	=	45.430	4.0	181.720	Sqm	Stair case
19	7.600	x	5.800	=	44.080	1.0	44.080	Sqm	star area
S1	3.000	x	3.000	=	9.000	1.0	9.000	Sqm	fire control room
S2	2.070	x	3.460	=	7.162	1.0	7.162	Sqm	Ent. Lobby area
S3	6.310	x	4.070	=	25.682	1.0	25.682	Sqm	star /lift lobby area
S4	28.990	x	0.500	=	14.495	1.0	14.495	Sqm	services core
S5	0.500	x	11.040	=	5.520	1.0	5.520	Sqm	Corridor
S6	0.500	x	6.250	=	3.125	1.0	3.125	Sqm	Corridor
S7	11.720	x	7.820	=	91.650	1.0	91.650	Sqm	toilet area
S8	1.800	x	6.720	=	12.096	1.0	12.096	Sqm	star /lift lobby area
S9	4.890	x	2.790	=	13.643	1.0	13.643	Sqm	star /lift lobby area
S10	4.070	x	6.020	=	24.501	1.0	24.501	Sqm	star /lift lobby area
S13	2.200	x	2.730	=	6.006	1.0	6.006	Sqm	star /lift lobby area
S14	3.825	x	3.470	=	13.273	1.0	13.273	Sqm	star /lift lobby area
S15	1.865	x	3.000	=	5.595	1.0	5.595	Sqm	star /lift lobby area
S20	0.500	x	4.820	=	2.410	1.0	2.410	Sqm	Corridor
S21	3.600	x	3.690	=	13.284	1.0	13.284	Sqm	toilet area
S22	4.260	x	4.060	=	17.296	1.0	17.296	Sqm	toilet area
S24	0.900	x	1.060	=	0.954	1.0	0.954	Sqm	
S37	11.770	x	7.530	=	88.628	1.0	88.628	Sqm	toilet area
S38	3.960	x	2.090	=	8.276	1.0	8.276	Sqm	star /lift lobby area
S42	1.500	x	1.280	=	1.920	1.0	1.920	Sqm	corridor
FA	48.865	x	1.030	=	50.331	1.0	50.331	Sqm	Corridor
FB	0.730	x	9.720	=	7.096	1.0	7.096	Sqm	Corridor
FC	6.680	x	9.720	=	64.930	1.0	64.930	Sqm	Corridor / escalator
FD	15.600	x	9.720	=	151.632	1.0	151.632	Sqm	Corridor / escalator
FE	48.865	x	1.000	=	48.865	1.0	48.865	Sqm	Corridor
FG	1.500	x	9.720	=	14.580	1.0	14.580	Sqm	Corridor
	ATRIUM 75% OF free area 207.668 sqm (ground floor)				155.751	1.00	155.751	Sqm	atrium
							1,132.411		
DEDUCTIONS:									
	ATRIUM 25% covd area OF 207.668 sqm (ground floor)				51.917	1.00	51.917	Sqm	atrium
NET FREE OF F.A.R. AREA (GROUND FLOOR) ADDITIONS DEDUCTIONS			1,132.411	-		=	1,132.411	SQM	
NET ATRIUM AREA ADDITIONS:									
M	21.365	x	9.720	=	207.668	1.00	207.668	Sqm	
							207.668	SQM	





Note:
This revised scheme has been approved by :
1. DUAC vide its letter No. "OL-27081922037" "Code No. 270822735" of dated 09/09/2019.
2. DFS vide its letter No. "F.6./DFS/MS/BP/2019/344" of dated 03/10/2019.
All the observations made therein will incorporated accordingly.

PRASHANT GUPTA
HS RAWAT

APPROVAL STAMP

OWNER'S SIGN | ARCHITECT'S SIGN

PROJECT: REVISED SUBMISSION IN SITU DEVELOPMENT PROJECT AT KATHPUTLI COLONY, NEAR SHADIPUR DEPOT, NEW DELHI

BUILDING TYPE: REMUNERATIVE COMMERCIAL BUILDING

DEVELOPERS: RAHEJA DEVELOPERS LTD. 215-216 RECTANGLE ONE, D-4, DISTRICT CENTRE SAKET, NEW DELHI-110017

UNIT: | TITLE: GROUND FLOOR PLAN

DEALT | CHKD | SCALE 1:200 | DRG.NO. C-03 | REV