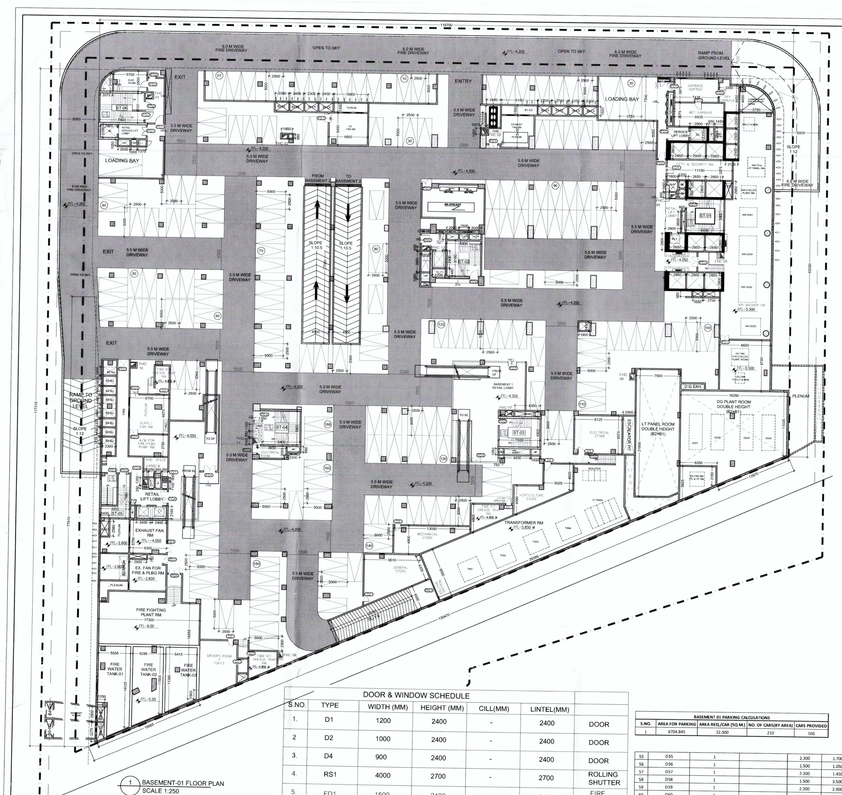
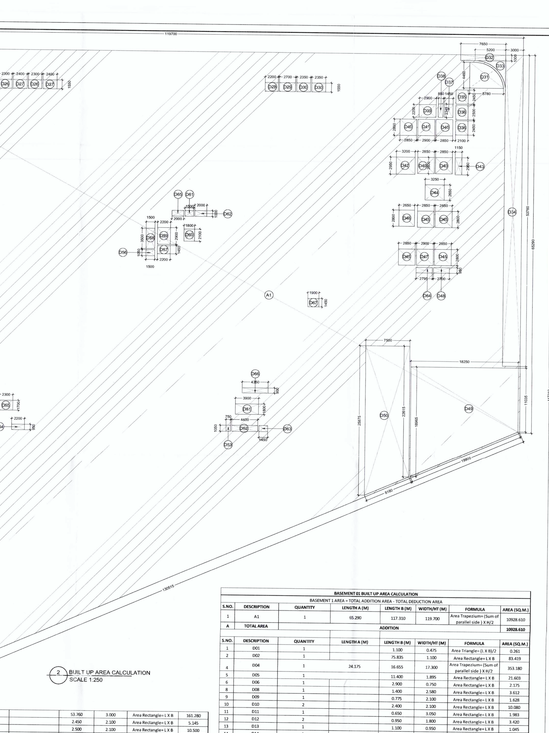
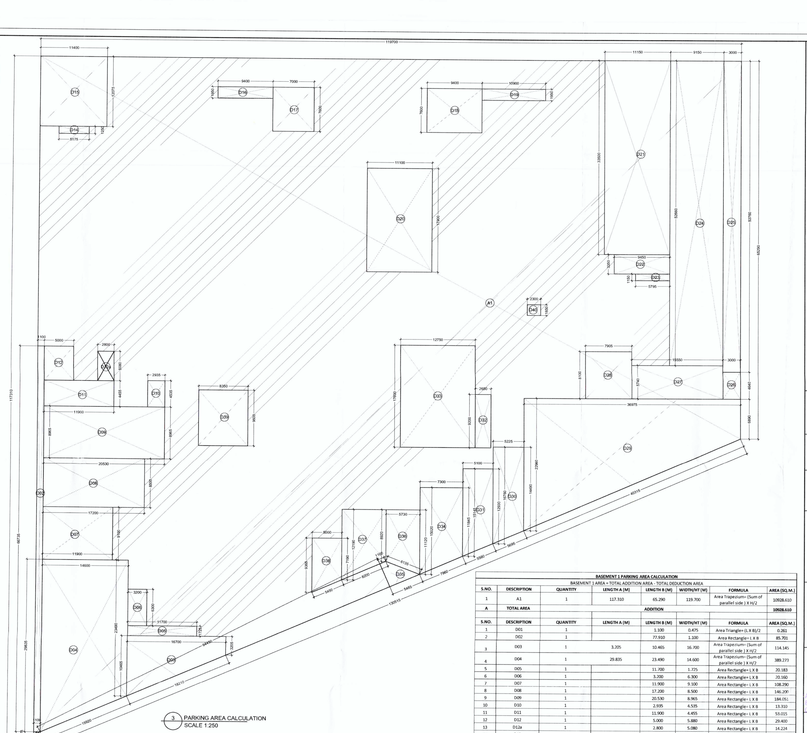


1 BASEMENT-01 FLOOR PLAN
SCALE 1:250



2 BUILT UP AREA CALCULATION
SCALE 1:250



3 PARKING AREA CALCULATION
SCALE 1:250

DOOR & WINDOW SCHEDULE

S.NO.	TYPE	WIDTH (MM)	HEIGHT (MM)	CILL(MM)	LINTEL(MM)	
1.	D1	1200	2400	-	2400	DOOR
2.	D2	1000	2400	-	2400	DOOR
3.	D4	900	2400	-	2400	DOOR
4.	RS1	4000	2700	-	2700	ROLLING SHUTTER
5.	FD1	1500	2400	-	2400	FIRE DOOR
6.	FD2	1200	2400	-	2400	FIRE DOOR
7.	FD3	1800	2400	-	2400	FIRE DOOR
8.	FD4	2150	2400	-	2400	FIRE DOOR

BASEMENT 01 PARKING CALCULATIONS

S.NO.	AREA FOR PARKING	AREA REQ/CAR (SQ.M.)	NO. OF CARS(BY AREA)	CARS PROVIDED
1	8704.845	32.000	272	160

S.NO.	DESCRIPTION	QUANTITY	LENGTH-A (M)	LENGTH-B (M)	WIDTH/HT (M)	FORMULA	AREA (SQ.M.)
1	A1	1	65.290	117.310	119.700	Area Trapezium= (sum of parallel side) X H/2	10926.610
A	TOTAL AREA			ADDITION			10926.610
S.NO.	DESCRIPTION	QUANTITY	LENGTH-A (M)	LENGTH-B (M)	WIDTH/HT (M)	FORMULA	AREA (SQ.M.)
1	D01	1		1.100	0.675	Area Triangle= (1 X B)/2	0.382
2	D02	1		75.835	1.100	Area Rectangle= L X B	83.419
4	D04	1	34.575	38.653	17.300	Area Trapezium= (sum of parallel side) X H/2	353.180
5	D05	1		11.400	1.895	Area Rectangle= L X B	21.603
6	D06	1		2.900	0.750	Area Rectangle= L X B	2.175
8	D08	1		1.400	2.580	Area Rectangle= L X B	3.612
9	D09	1		0.775	2.100	Area Rectangle= L X B	1.628
10	D10	2		2.400	2.100	Area Rectangle= L X B	10.080
11	D11	1		0.650	3.050	Area Rectangle= L X B	1.983
12	D12	2		0.950	1.800	Area Rectangle= L X B	3.420
13	D13	1		1.100	0.950	Area Rectangle= L X B	1.045
14	D14	1		2.200	1.895	Area Triangle= (1 X B)/2	2.079
15	D15	1		2.200	1.400	Area Rectangle= L X B	3.080
16	D16	1		2.200	1.575	Area Rectangle= L X B	3.025
17	D17	3		2.200	1.400	Area Rectangle= L X B	9.240
18	D18	2		2.200	1.500	Area Rectangle= L X B	7.040
19	D19	1		1.050	2.000	Area Rectangle= L X B	2.100
20	D20	1		1.050	1.000	Area Rectangle= L X B	1.050
21	D21	1		1.050	1.375	Area Rectangle= L X B	1.444
22	D22	1		2.900	2.250	Area Rectangle= L X B	6.525
23	D23	1		0.856	3.500	Area Rectangle= L X B	2.975
24	D24	1		2.075	3.500	AS PER PLAN	4.459
25	D25	1		4.000	3.950	AS PER PLAN	3.410
26	D26	2		1.550	2.300	Area Rectangle= L X B	7.130
27	D27	2		1.550	2.400	Area Rectangle= L X B	7.440
28	D28	1		1.550	2.200	Area Rectangle= L X B	3.410
29	D29	1		1.550	2.750	Area Rectangle= L X B	4.185
30	D30	2		1.550	2.950	Area Rectangle= L X B	7.285
31	D31	1		4.460	5.760	AS PER PLAN	20.665
32	D32	1		1.050	1.000	Area Rectangle= L X B	1.050
33	D33	1		1.200	0.950	Area Rectangle= L X B	2.090
34	D34	1		1.000	3.000	Area Rectangle= L X B	161.280
35	D35	1		2.450	2.100	Area Rectangle= L X B	5.145
36	D36	2		2.500	2.100	Area Rectangle= L X B	10.500
37	D37	1		1.450	2.345	Area Rectangle= L X B	3.400
38	D38	1		0.850	2.345	Area Rectangle= L X B	1.993
39	D39	1		2.900	2.200	Area Rectangle= L X B	6.380
40	D40	4		2.800	2.850	Area Rectangle= L X B	31.920
41	D41	1		2.800	2.900	Area Rectangle= L X B	8.120
42	D42	1		2.900	3.200	Area Rectangle= L X B	9.440
43	D43	1		1.150	2.950	Area Rectangle= L X B	3.393
44	D44	1		3.250	2.650	Area Rectangle= L X B	8.613
45	D45	4		2.850	2.800	Area Rectangle= L X B	31.920
46	D46	1		2.650	2.800	Area Rectangle= L X B	7.420
47	D47	1		2.800	2.900	Area Rectangle= L X B	8.120
48	D48	1		2.700	0.950	Area Rectangle= L X B	2.565
49	D49	1	11.005	18.965	18.250	Area Trapezium= (sum of parallel side) X H/2	273.750
50	D50	1	25.875	22.625	7.500	Area Trapezium= (sum of parallel side) X H/2	181.836
51	D51	1		3.900	1.900	Area Rectangle= L X B	7.020
52	D52	1		1.050	4.400	Area Rectangle= L X B	4.620
53	D53	1		1.050	0.750	Area Rectangle= L X B	0.788
54	D54	1		2.200	0.950	Area Rectangle= L X B	2.090
55	D55	1			2.300	1.700	Area Rectangle= L X B	3.910
56	D56	1			1.500	1.050	Area Rectangle= L X B	1.575
57	D57	1			2.200	1.450	Area Rectangle= L X B	3.190
58	D58	1			1.500	3.500	Area Rectangle= L X B	5.250
59	D59	1			2.200	2.300	Area Rectangle= L X B	5.060
60	D60	1			2.100	1.800	Area Rectangle= L X B	3.780
61	D61	1			1.500	1.000	Area Rectangle= L X B	1.500
62	D62	1			2.000	1.000	Area Rectangle= L X B	2.000
63	D63	1			1.050	1.450	Area Rectangle= L X B	1.523
64	D64	1			0.950	2.795	Area Rectangle= L X B	2.655
65	D65	1			1.100	2.000	Area Rectangle= L X B	2.200
66	D66	1			4.050	0.900	Area Rectangle= L X B	3.915
67	D67	1			1.900	1.450	Area Rectangle= L X B	2.755
B	TOTAL AREA			DEDUCTION				1393.751
C	BASEMENT 01 BUILT UP AREA							9534.859

BASEMENT 2 PARKING AREA CALCULATION

BASEMENT 2 AREA = TOTAL ADDITION AREA - TOTAL DEDUCTION AREA

S.NO.	DESCRIPTION	QUANTITY	LENGTH-A (M)	LENGTH-B (M)	WIDTH/HT (M)	FORMULA	AREA (SQ.M.)
1	A1	1	117.310	65.290	119.700	Area Trapezium= (Sum of parallel side) X H/2	10926.610
A	TOTAL AREA			ADDITION			10926.610
S.NO.	DESCRIPTION	QUANTITY	LENGTH-A (M)	LENGTH-B (M)	WIDTH/HT (M)	FORMULA	AREA (SQ.M.)
1	D01	1		3.300	0.675	Area Triangle= (L X B)/2	0.382
2	D02	1		77.910	1.100	Area Rectangle= L X B	85.701
3	D03	1	3.205	32.465	16.700	Area Trapezium= (sum of parallel side) X H/2	174.145
4	D04	1		29.835	23.490	Area Trapezium= (Sum of parallel side) X H/2	389.273
5	D05	1			11.700	1.775	Area Rectangle= L X B	20.183
6	D06	1			5.700	5.300	Area Rectangle= L X B	15.582
7	D07	1			11.900	9.100	Area Rectangle= L X B	108.290
8	D08	1			17.200	8.500	Area Rectangle= L X B	146.197
9	D09	1			20.530	8.965	Area Rectangle= L X B	184.051
10	D10	1			2.935	4.535	Area Rectangle= L X B	13.311
11	D11	1			11.900	4.405	Area Rectangle= L X B	53.015
12	D12	1			5.000	5.000	Area Rectangle= L X B	25.420
13	D12a	1			2.800	5.080	Area Rectangle= L X B	14.224
14	D13	1			4.900	5.200	Area Rectangle= L X B	22.960
15	D14	1			5.175	1.250	Area Rectangle= L X B	6.469
16	D15	1			11.400	12.075	Area Rectangle= L X B	137.655
17	D16	1			9.400	1.750	Area Rectangle= L X B	16.150
18	D17	1			7.000	7.600	Area Rectangle= L X B	53.100
19	D18	1			5.400	7.600	Area Rectangle= L X B	71.440
20	D19	1			10.900	3.990	Area Rectangle= L X B	21.295
21	D20	1			11.100	17.900	Area Rectangle= L X B	198.690
22	D21	1			33.500	13.150	Area Rectangle= L X B	373.525
23	D22	1			9.450	3.350	Area Rectangle= L X B	31.658
24	D23	1			5.795	1.150	Area Rectangle= L X B	6.664
25	D24	1			52.660	9.150	Area Rectangle= L X B	481.839
26	D25	1			51.750	3.000	Area Rectangle= L X B	155.280
27	D26	1			5.000	4.640	Area Rectangle= L X B	13.920
28	D27	1			15.590	5.740	Area Rectangle= L X B	89.257
29	D28	1			7.905	8.100	Area Rectangle= L X B	64.031
30	D29	1	6.890		22.960	36.975	Area Trapezium= (Sum of parallel side) X H/2	551.052
31	D30	3	16.760		14.490	5.225	Area Trapezium= (Sum of parallel side) X H/2	81.441
32	D31	1		12.550	10.145	5.100	Area Trapezium= (Sum of parallel side) X H/2	71.991
33	D32	1			2.850	9.200	Area Rectangle= L X B	24.380
34	D33	1			12.750	17.600	Area Rectangle= L X B	224.400
35	D34	1	11.845		15.000	7.300	Area Trapezium= (Sum of parallel side) X H/2	58.057
36	D35	1	5.465		1.100	4.300	Area Trapezium= (Sum of parallel side) X H/2	14.131
37	D36	1	11.120		8.920	5.730	Area Trapezium= (Sum of parallel side) X H/2	57.415
38	D37	1	8.920		12.192	7.520	Area Trapezium= (Sum of parallel side) X H/2	79.381
39	D38	1	7.190		9.365	5.000	Area Trapezium= (Sum of parallel side) X H/2	41.388
40	D39	1			8.350	9.600	Area Rectangle= L X B	80.160
41	D40	1			2.300	1.850	Area Rectangle= L X B	4.255
B	TOTAL AREA			DEDUCTION				4295.418
C	BASEMENT 2 PARKING AREA							6630.192

ARCHITECT:
DESIGN FORUM INTERNATIONAL
K.47, KAILASH COLONY NEW DELHI
TEL: 011 - 46586666

STRUCTURE CONSULTANT:
VINTECH CONSULTANTS
C 26, FAMPOS ENCLAVE, (BEHIND KAILASH),
NEW DELHI, DELHI 110048
Tel: 011 4314 1048

MEP CONSULTANT:
SANILAC CONSULTANTS PVT LTD
C/24/2, Okhla Industrial Area, Phase-II,
New Delhi-110020
Tel: 26385510, 40653000

NOTES:
1. ALL DIMENSIONS ARE IN MM.
2. GATE AND BOUNDARY WALL SHALL BE AS PER STANDARD DESIGN.
3. SPRINKLERS WILL BE PROVIDED IN ENTIRE BUILDING INCLUDING BASEMENTS AS PER N.B.C.
4. AUTOMATIC FIRE ALARM SYSTEM WILL BE PROVIDED AS PER APPLICABLE NORMS.
5. 100% POWER BACK UP WILL BE PROVIDED FOR LIFTS & ESSENTIAL SERVICES ONLY.
6. DISABLED RAMP @ 1:12 SLOPE WITH 900MM HIGH RAILING.
7. ALL BUILDINGS ARE MECHANICALLY VENTILATED AND FULLY AIR CONDITIONED.

PROJECT:
BUILDING PLAN OF COMMERCIAL COLONY MEASURING 4.418 ACRES (LICENCE NO. 197 OF 2008 DATED 05-12-2008) IN SECTOR 66, GURGAON MANESAR URBAN COMPLEX, BEING DEVELOPED BY M/S R. C. BOOD & CO.
AT THE MASTERPIECE PROJECTS LIMITED;
THE MASTERPIECE, GOLF COURSE ROAD, SECTOR 54, GURUGRAM - 122002, HARYANA, INDIA

ARCHITECT'S SIGNATURE:

CLIENT'S SIGNATURE:

DRAWING TITLE:
BASEMENT -01 PLAN
(PARKING AREA AND BUILTUP)

DRAWING NO:
10.A

NORTH

SCALE:
AS MENTION

DATE:
18/01/2020