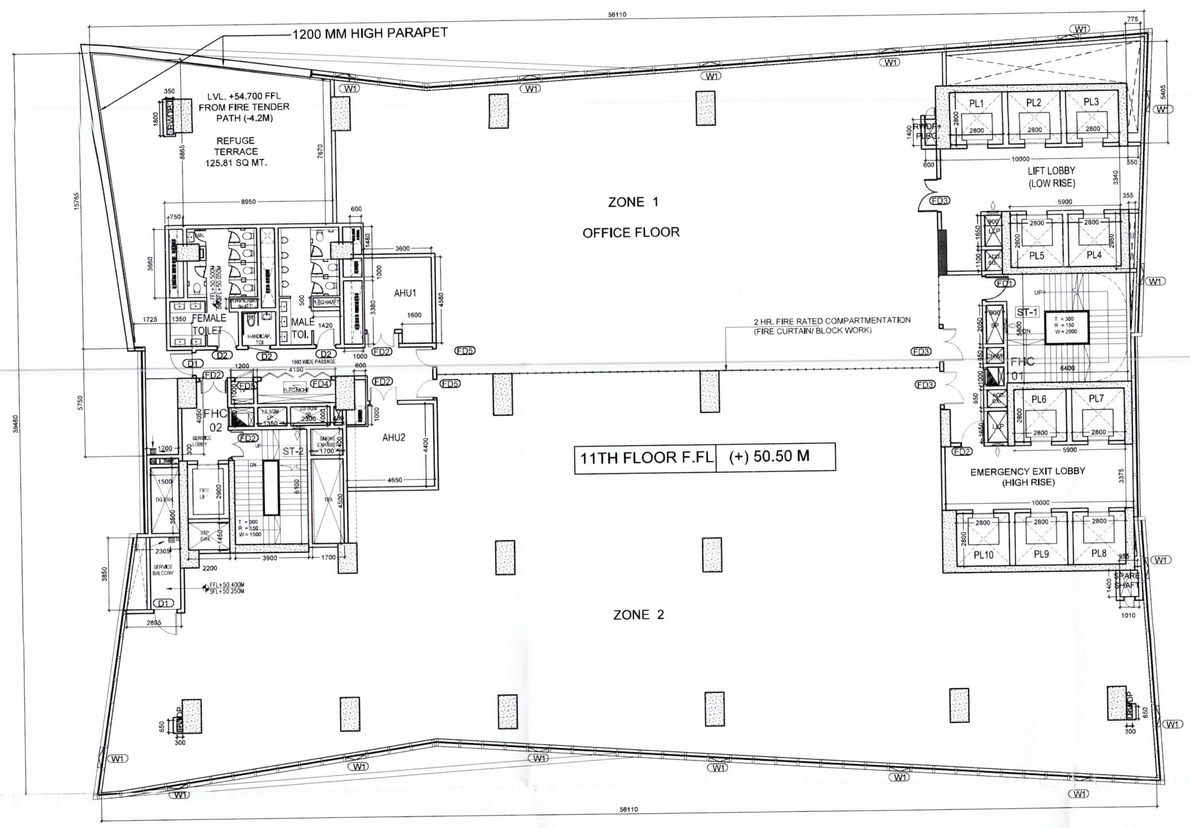
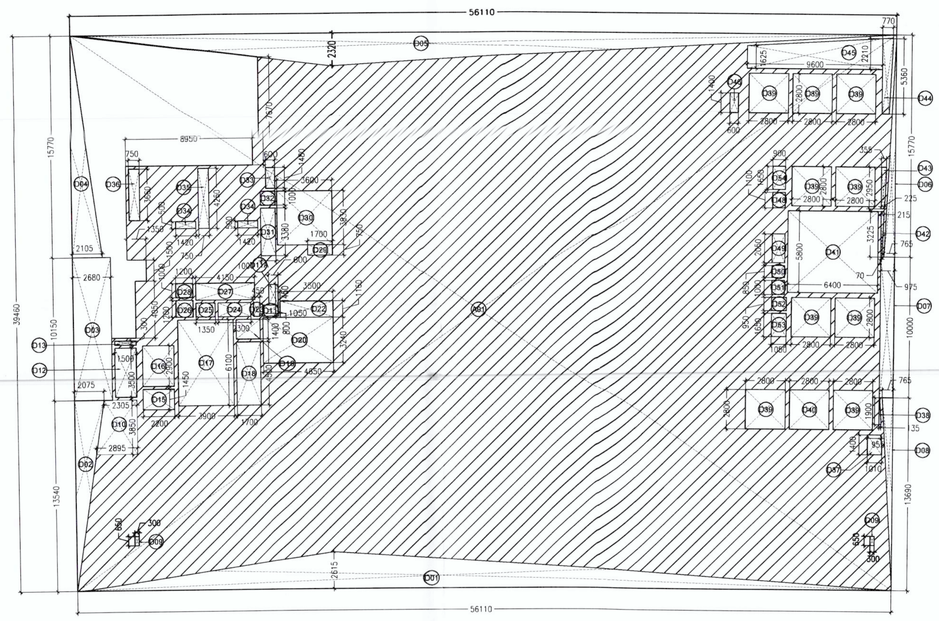
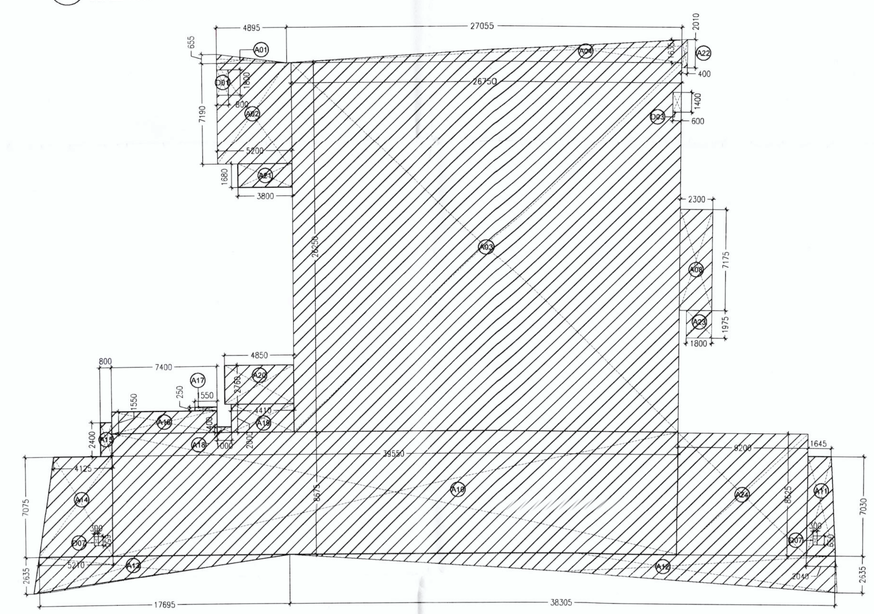


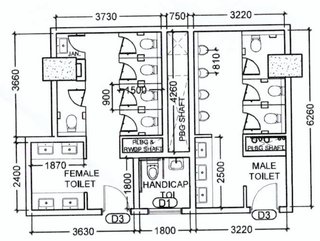
1 LVL 11TH OFFICE FLOOR
SCALE 1:150



2 FAR AREA DIAGRAM
SCALE 1:300



3 CARPET AREA DIAGRAM
SCALE 1:300



7 TYPICAL TOILET DETAIL
SCALE 1:100

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.	FD1	1500	2400	-	2400	FIRE DOOR
4.	FD2	1200	2400	-	2400	FIRE DOOR
5.	FD3	1800	2400	-	2400	FIRE DOOR
6.	FD4	4200	2250	-	2250	FIRE DOOR
7.	FD5	1000	2250	-	2250	FIRE DOOR
8.	W1	1000	1000	1400	2400	OPENABLE WINDOW PANEL

8 DOOR WINDOW SCHEDULE

11th FLOOR OFFICE OCCUPANT CALCULATION				
OFFICE BUILDINGS - UNDER NATIONAL BUILDING CODE 2016				
OFFICE AREA	1598.984	SQ.M		NOTES
OCCUPANT LOAD	10	SQ.M/PERSON		
TOTAL POPULATION	160	PERSONS		For Occupant load, Ref. from NBC Part4, Fire & Life Safety, Table 03
MALE	60%	96		
FEMALE	40%	64		

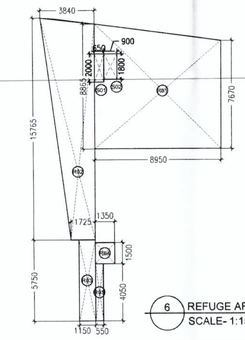
11th FLOOR OFFICE TOILET CALCULATION					
	REQUIRED		PROPOSED		NOTES
	MALE	FEMALE	MALE	FEMALE	
WC	4	4	4	5	For Toilet Requirements Ref. from NBC Part 9, Plumbing, Services, Section 2, Table 1
WB	4	3	4	4	
UR	4	NA	4	NA	
HANDICAPED TOILETS WC & WB ARE COUNTED IN MALE TOILET CALCULATION					

9 TOILET CALCULATION

REFUGE AREA REQUIREMENT AT 11th FLOOR			
DESCRIPTION		AREA (SQ.M.)	
AREA AT 11TH FLOOR		2037.2	
AREA AT 12TH FLOOR		2037.2	
TOTAL AREA		4074.4	
OCCUPANCY LOAD 1 PERS.@10SQ.M =	[(GROSS AREA CURRENT FLOOR+GROSS AREA IMMEDIATE UPPER FLOOR)/10]	407.44	
REFUGE AREA REQUIRED @0.3 SQ.M. PER PERSON+0.9 SQ.M PER 200. =		124.032	

REFUGE AREA CALCULATION (PROVIDED)							
DESCRIPTION	QUANTITY	LENGTH A (M)	LENGTH B (M)	WIDTH/HT (M)	FORMULA	AREA (SQ.M.)	
R01	1	8.865	7.670	8.950	Area Trapezium= (Sum of parallel side) X H/2	73.994	FOR REFUGE AREA REF FROM NBC 2016,PART 4, SECTION 6.4.2.2
R02	1	3.840	1.725	15.765	Area Trapezium= (Sum of parallel side) X H/2	43.866	
R03	1		5.750	1.150	Area Rectangle= L X B	6.613	
R04	1		1.350	1.500	Area Rectangle= L X B	2.025	
R05	1		0.550	4.050	Area Rectangle= L X B	2.228	
TOTAL AREA		ADDITION				128.725	
S01	1		2.000	0.650	Area Rectangle= L X B	1.300	
S02	1		1.800	0.900	Area Rectangle= L X B	1.620	
TOTAL AREA		DEDUCTION				2.920	
TOTAL AREA		REFUGE				125.805	

10 REFUGE AREA CALCULATION



6 REFUGE AREA DIAGRAM
SCALE- 1:150

11th FLOOR OFFICE FAR AREA CALCULATION							
11TH FLOOR OFFICE 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		56.110	39.460	Area Rectangle= L X B	2214.101
A	TOTAL AREA			ADDITION			2214.101
S.NO.	DESCRIPTION	QUANTITY	LENGTH A (M)	LENGTH B (M)	WIDTH/HT (M)	FORMULA	AREA (SQ.M.)
1	D01	1		56.110	2.615	Area Triangle= 1/2 X (length X Width)	73.364
2	D02	1		13.540	2.075	Area Triangle= 1/2 X (length X Width)	14.048
3	D03	1		10.150	2.680	Area Rectangle= L X B	27.202
4	D04	1		15.770	2.105	Area Triangle= 1/2 X (length X Width)	16.598
5	D05	1		56.110	2.320	Area Triangle= 1/2 X (length X Width)	65.088
6	D06	1		15.770	0.765	Area Triangle= 1/2 X (length X Width)	6.032
7	D07	1		10.000	0.975	Area Rectangle= L X B	9.750
8	D08	1		13.690	0.765	Area Triangle= 1/2 X (length X Width)	5.236
9	D09	2		0.300	0.650	Area Rectangle= L X B	0.390
10	D10	1	2.305	2.895	3.850	Area Trapezium= (Sum of parallel side) X H/2	10.010
11	D11	1		1.050	0.800	Area Rectangle= L X B	0.840
12	D11A	1		0.600	1.600	Area Rectangle= L X B	0.960
13	D12	1		1.500	3.500	Area Rectangle= L X B	5.250
14	D13	1		1.500	0.300	Area Rectangle= L X B	0.450
15	D15	1		2.200	1.450	Area Rectangle= L X B	3.190
16	D16	1		2.200	2.900	Area Rectangle= L X B	6.380
17	D17	1		3.900	6.100	Area Rectangle= L X B	23.790
18	D18	1		1.700	4.500	Area Rectangle= L X B	7.650
19	D19	1		1.700	1.400	Area Rectangle= L X B	2.380
20	D20	1		3.240	4.650	Area Rectangle= L X B	15.066
21	D22	1		1.160	3.500	Area Rectangle= L X B	4.060
22	D23	1		0.450	1.000	Area Rectangle= L X B	0.450
23	D24	1		2.300	1.000	Area Rectangle= L X B	2.300
24	D25	1		1.350	1.000	Area Rectangle= L X B	1.350
25	D26	1		1.200	1.200	Area Rectangle= L X B	1.440
26	D27	1		4.150	1.200	Area Rectangle= L X B	4.980
27	D28	1		1.200	1.000	Area Rectangle= L X B	1.200
28	D29	1		1.600	0.750	Area Rectangle= L X B	1.200
29	D30	1		3.600	3.830	Area Rectangle= L X B	13.788
30	D31	1		1.000	3.380	Area Rectangle= L X B	1.690
31	D32	1		1.000	1.000	Area Rectangle= L X B	1.000
32	D33	1		0.600	1.480	Area Rectangle= L X B	0.888
33	D34	2		1.420	0.500	Area Rectangle= L X B	1.420
34	D35	1		0.750	4.260	Area Rectangle= L X B	3.195
35	D36	1		0.750	3.660	Area Rectangle= L X B	2.745
36	D37	1	1.010	0.955	1.400	Area Trapezium= (Sum of parallel side) X H/2	1.376
37	D38	1		0.135	1.900	Area Triangle= 1/2 X (Length X Width)	0.128
38	D39	9		2.800	2.800	Area Rectangle= L X B	70.560
39	D40	1		2.800	2.800	Area Rectangle= L X B	7.840
40	D41	1		6.400	5.800	Area Rectangle= L X B	37.120
41	D42	1	0.070	0.215	3.225	Area Trapezium= (Sum of parallel side) X H/2	0.460
42	D43	1	0.225	0.355	2.950	Area Trapezium= (Sum of parallel side) X H/2	0.856
43	D44	1	0.505	0.770	5.360	Area Trapezium= (Sum of parallel side) X H/2	4.710
44	D45	1	1.625	2.210	9.600	Area Trapezium= (Sum of parallel side) X H/2	18.408
45	D46	1		0.600	1.400	Area Rectangle= L X B	0.840
46	D48	1		0.900	1.100	Area Rectangle= L X B	0.990
47	D49	1		0.900	2.050	Area Rectangle= L X B	1.845
48	D50	1		0.900	0.850	Area Rectangle= L X B	0.765
49	D51	1		0.900	1.000	Area Rectangle= L X B	0.900
50	D52	1		1.050	0.950	Area Rectangle= L X B	0.998
51	D53	1		1.050	1.650	Area Rectangle= L X B	1.733
52	D54	1		0.900	1.650	Area Rectangle= L X B	1.485
53	R01	1	8.865	7.670	8.950	Area Trapezium= (Sum of parallel side) X H/2	73.994
54	R02	1	3.840	1.725	15.765	Area Trapezium= (Sum of parallel side) X H/2	43.866
55	R03	1		5.750	1.150	Area Rectangle= L X B	6.613
56	R04	1		1.350	1.500	Area Rectangle= L X B	2.025
57	R05	1		0.550	4.050	Area Rectangle= L X B	2.228
B	TOTAL AREA			DEDUCTION			615.117
D	11TH FLOOR OFFICE AREA FAR						1598.984

4 F.A.R. CALCULATION

11th FLOOR CARPET AREA CALCULATION							
11TH FLOOR CARPET 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		4.895	0.655	Area Triangle= 1/2 X (Length X Width)	1.603
2	A2	1		5.200	7.190	Area Rectangle= L X B	37.388
3	A3	1		26.250	26.750	Area Rectangle= L X B	702.188
4	A4	1		1.635	27.055	Area Triangle= 1/2 X (Length X Width)	22.117
5	A8	1		7.175	2.300	Area Rectangle= L X B	16.503
6	A10	1		39.550	8.675	Area Rectangle= L X B	343.096
7	A11	1	1.645	2.040	7.030	Area Trapezium= (Sum of parallel side) X H/2	12.953
8	A12	1		2.635	38.305	Area Triangle= 1/2 X (Length X Width)	50.467
9	A13	1		2.635	17.695	Area Triangle= 1/2 X (Length X Width)	24.180
10	A14	1	4.125	5.210	7.075	Area Trapezium= (Sum of parallel side) X H/2	33.023
11	A15	1		0.800	2.400	Area Rectangle= L X B	1.920
12	A16	1		7.400	1.550	Area Rectangle= L X B	11.470
13	A17	1		0.250	1.550	Area Rectangle= L X B	0.388
14	A18	1		0.400	1.000	Area Rectangle= L X B	0.400
15	A19	1		4.410	2.000	Area Rectangle= L X B	8.820
16	A20	1		4.850	2.760	Area Rectangle= L X B	13.386
17	A21	1		1.680	3.800	Area Rectangle= L X B	6.384
18	A22	1		0.400	2.010	Area Rectangle= L X B	0.804
19	A23	1		1.975	1.800	Area Rectangle= L X B	3.555
20	A24	1		9.200	8.625	Area Rectangle= L X B	79.350
A	TOTAL AREA			ADDITION			1369.994
S.NO.	DESCRIPTION	QUANTITY	LENGTH A (M)	LENGTH B (M)	WIDTH/HT (M)	FORMULA	AREA (SQ.M.)
1	D1	1		0.800	1.800	Area Rectangle= L X B	1.440
3	D3	1		0.600	1.400	Area Rectangle= L X B	0.840
7	D7	2		0.300	0.650	Area Rectangle= L X B	0.390
B	TOTAL AREA			DEDUCTION			2.670
C	11TH FLOOR CARPET AREA						1367.324

5 CARPET AREA CALCULATION

Director(H.Q) Member Secretary BPC — S.TP(HQ) Member BPC — C.T.P. Chairman BPC — JD — PA — ATP — Rajesh Dutt JD(HQ)

This is a "PROVISIONAL APPROVED BUILDING PLAN" only for purpose of invoking objection from the general public

Architect (HQ)
Directorate of Town and Country Planning, Haryana, Chandigarh

ARCHITECT:
DESIGN FORUM INTERNATIONAL
K-47, KAILASH COLONY
NEW DELHI
TEL : 011 - 46556600

STRUCTURE CONSULTANT:
VINTECH CONSULTANTS
C 35, PAMPOSH ENCLAVE, GREATER KAILASH I,
NEW DELHI, DELHI 110048
Tel :011 4314 1516

MEP CONSULTANT:
SANELAC CONSULTANTS PVT LTD
C-64-C, Okhla Industrial Area, Phase-II
New Delhi-110020
Tel : 26385315, 45503959

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. RAIN WATER HARVESTING SYSTEM WILL BE PROVIDED AS PER APPLICABLE NORMS.
5. 100% POWER BACK UP WILL BE PROVIDED FOR LIFTS & ESSENTIAL SERVICE AREAS.
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. SOOD & CO.
C/O ADVANCE INDIA PROJECTS LIMITED,
THE MASTERPIECE, GOLF COURSE ROAD,
SECTOR 54, GURUGRAM - 122002, HARYANA, INDIA

ARCHITECT'S SIGNATURE:
Abhishek Jain
B. Arch
CA/2018/114681

CLIENT'S SIGNATURE:
For R. C. Sood & Co. Pvt. Ltd. Cto Advance India Projects Limited
Authorised Signatory

DRAWING TITLE:
11TH FLOOR PLAN

DRAWING NO:
25.A

NORTH:

SCALE:
AS MENTION

DATE:
10/02/2020