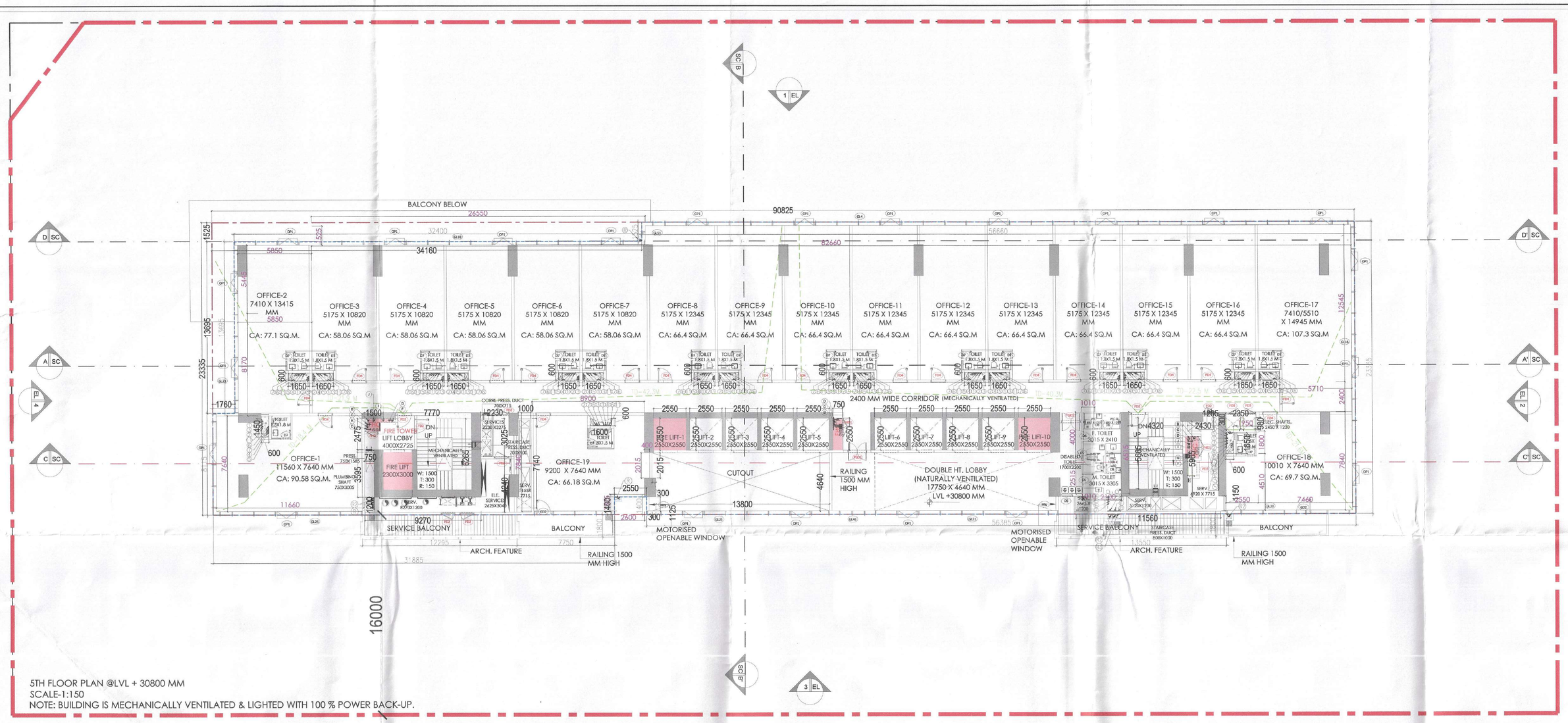
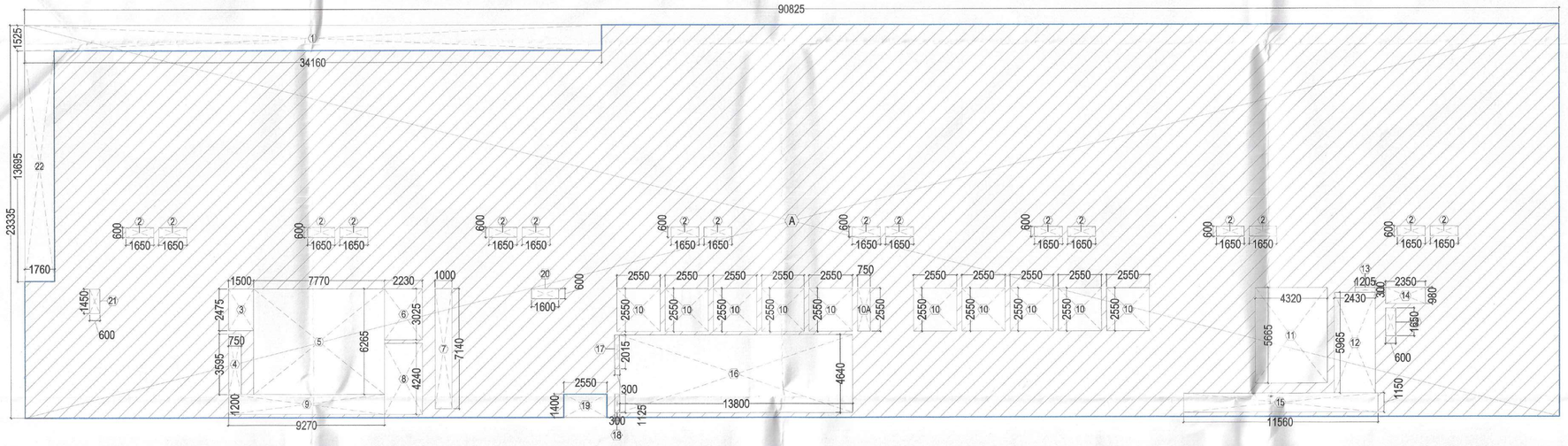
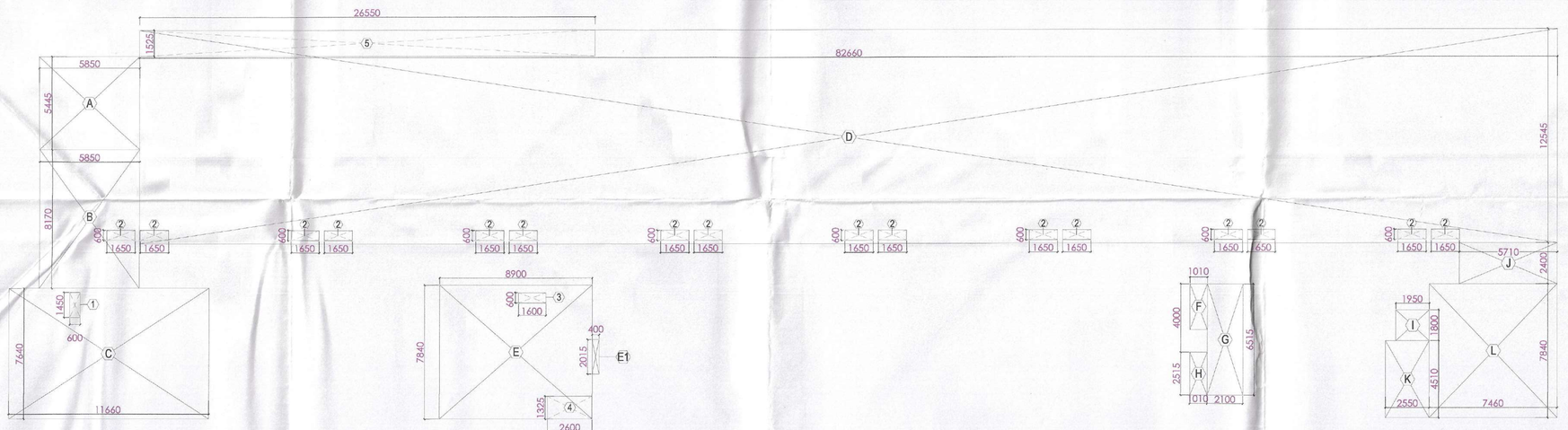




F.A.R DIAGRAM
SCALE-1:150



CARPET AREA DIAGRAM
SCALE-1:150

5TH FLOOR (F.A.R.)					
S.NO.	WIDTH(M)	LENGTH(M)	COEFF.	NOS.	AREA (SqM)
ADDITIONS					
A	90.825	23.335	1	1	2119.401
GROSS AREA (TOTAL ADDITIONS)					2119.401
SUBTRACTIONS					
1	34.160	1.525	1	1	52.094
2	1.650	0.600	1	17	16.830
3	1.500	2.475	1	1	3.713
4	0.750	3.595	1	1	2.696
5	7.770	6.265	1	1	48.679
6	2.230	3.025	1	1	6.746
7	1.000	7.140	1	1	7.140
8	2.230	4.240	1	1	9.455
9	9.270	1.200	1	1	11.124
10	2.550	2.550	1	10	65.025
10A	0.750	2.550	1	1	1.913
11	4.320	5.665	1	1	24.473
12	2.430	5.965	1	1	14.495
13	1.205	0.300	1	1	0.362
14	2.350	0.980	1	1	2.303
15	11.560	1.150	1	1	13.294
16	13.800	4.640	1	1	64.032
17	0.300	2.015	1	1	0.605
18	0.300	1.125	1	1	0.338
19	2.550	1.400	1	1	3.570
20	1.600	0.600	1	1	0.960
21	0.600	1.450	1	1	0.870
22	1.760	13.695	1	1	24.103
GROSS AREA (TOTAL SUBTRACTIONS)					374.818
GROSS 1 (NET F.A.R)					1744.584

FIRE TOWER & ST. AREA CALCULATION- 5TH FLOOR					
S.NO.	WIDTH(M)	LENGTH(M)	COEFF.	NOS.	AREA (SqM)
FIRE TOWER					
3	1.500	2.475	1	1	3.713
5	7.770	6.265	1	1	48.679
STAIRCASE					
11	4.320	5.665	1	1	24.473
GROSS 2 (FIRE TOWER+STAIRCASE)					76.864

SERVICE AREA CALCULATION- 5TH FLOOR					
S.NO.	WIDTH(M)	LENGTH(M)	COEFF.	NOS.	AREA (SqM)
6	2.230	3.025	1	1	6.746
8	2.230	4.240	1	1	9.455
12	2.430	5.965	1	1	14.495
GROSS 3 (SERVICES)					30.696

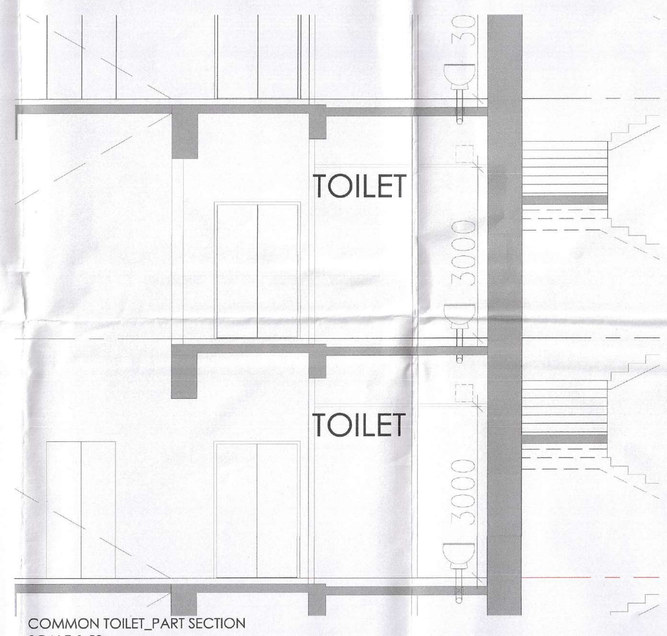
BUILT-UP AREA CALCULATION- 5TH FLOOR	
GROSS 1	1744.584
GROSS 2	76.864
GROSS 3	30.696
GROSS 4 (BUILT-UP AREA)	1852.144

NON- F.A.R AREA CALCULATION- 5TH FLOOR	
GROSS 4	1852.144
GROSS 1	1744.584
TOTAL (GROSS 4 - GROSS 1)	107.560

5TH FLOOR (CARPET AREA)					
S.NO.	WIDTH(M)	LENGTH(M)	COEFF.	NOS.	AREA (SqM)
ADDITIONS					
A	5.850	5.445	1	1	31.853
B	5.850	8.170	1	1	47.795
C	11.660	7.645	1	1	89.141
D	82.660	12.545	1	1	1036.970
E	8.900	7.840	1	1	69.776
E1	0.400	2.015	1	1	0.806
F	1.010	4.000	1	1	4.040
G	2.100	6.515	1	1	13.682
H	1.010	2.515	1	1	2.540
I	1.950	1.800	1	1	3.510
J	5.710	2.400	1	1	13.704
K	2.550	4.510	1	1	11.501
L	7.460	7.840	1	1	58.486
GROSS AREA (TOTAL ADDITIONS)					1383.803
SUBTRACTIONS					
1	0.600	1.450	1	1	0.870
2	1.650	0.600	1	16	15.840
3	1.600	0.600	1	1	0.960
4	2.600	1.325	1	1	3.445
5	26.550	1.525	1	1	40.489
GROSS AREA (TOTAL SUBTRACTIONS)					61.604
(CARPET AREA)					1322.199

TOILET CALCULATION (AS PER GROSS AREA)						
5TH FLOOR -OFFICE						
	GROSS AREA (SQ.M)		PERMANENT POPULATION (100%)		TOTAL PROVIDED	
TYPICAL FLOOR PLATE	1911.500		191			
TOTAL POPULATION	191		191			
			MALE (2/3)	FEMALE (1/3)	MALE	FEMALE
As per NBC	NO.		127	64		
	WC:1/25	WC:1/15	6	5	12	11
	4 for 100 and From 101 to 200 add @3%		5	0	5	
	WB:1/25	WB:1/25	6	3	12	11

STAIRCASE CALCULATION (AS PER GROSS AREA)				
5TH FLOOR				
	GROSS AREA (SQ.M)	POPOULATION	STAIRCASE WIDTH REQUIRED (MM)	STAIRCASE WIDTH PROPOSED (MM)
OFFICE SPACE @ 10 SQ.M PP	1911.50	191.15		
TOTAL POPULATION		191	1911.500	3000



COMMON TOILET_PART SECTION
SCALE-1:50

DOOR/ WINDOW SCHEDULE (TOWER)						
S. NO.	TAG1	WIDTH	LINTEL	CILL	LOCATION	FIRE RATINGS
DOORS						
1	D1	2000	2400	0	EXTERNAL SERVICES	
2	D2	1500	2400	0	EXTERNAL SERVICES	
3	D3	1500	2400	0	SHOP BACKSIDE ENTRY	2hrs
4	D4	1200	2400	0		
5	D5	1000	2400	0		
6	D6	900	2400	0		
7	D7	800	2400	0		
8	D8	750	2400	0		
9	GD	1800	2400	0		
10	GD1	1500	2400	0		
11	GD2	1200	2400	0		
12	GD3	1000	2400	0		
GLAZINGS						
1	GL1	90822	0	0		
2	GL2	84825	0	0		
3	GL3	67136	0	0		
4	GL4	56788	0	0		
5	GL5	45636	0	0		
6	GL6	45025	0	0		
7	GL7	34896	0	0		
8	GL8	32610	0	0		
9	GL9	32610	0	0		
10	GL10	32673	0	0		
11	GL11	30600	0	0		
12	GL12	30290	0	0		
13	GL13	29900	0	0		
14	GL14	24136	0	0		
15	GL15	24093	0	0		
16	GL16	22030	0	0		
17	GL17	22005	0	0		
18	GL18	21905	0	0		
19	GL19	20885	0	0		
20	GL20	14868	0	0		
21	GL21	14603	0	0		
22	GL22	14500	0	0		
23	GL23	13894	0	0		
24	GL24	13386	0	0		
25	GL25	11826	0	0		
26	GL26	10930	0	0		
27	GL27	10418	0	0		
28	GL28	10187	0	0	OFFICE-REFUGE FLOOR	2hr
29	GL29	10302	0	0		
30	GL30	10186	0	0		
31	GL31	10137	0	0	OFFICE-REFUGE FLOOR	2hr
32	GL32	10133	0	0		
33	GL33	10002	0	0		
34	GL34	9801	0	0		
35	GL35	9401	0	0		
36	GL36	8521	0	0		
37	GL37	7916	0	0		
38	GL38	7891	0	0		
39	GL39	7855	0	0		
40	GL40	7833	0	0		
41	GL41	7788	0	0		
42	GL42	7697	0	0		
43	GL43	7523	0	0		
44	GL44	7300	0	0		
45	GL45	6900	0	0		
46	GL46	6443	0	0		
47	GL47	3116	0	0		
48	GL48	2100	0	0		
49	GL49	2087	0	0		
50	GL50	2000	0	0		
51	GL51	1800	0	0		
52	GL52	1525	0	0		
53	GL54	1500	0	0		
54	GL55	6900	0	0	OFFICE-REFUGE FLOOR	2hr
FIRE DOORS AND WINDOW						
1	FD1	1800	2400	0	FIRE LIFT SIGNBOUND FLOOR	2hr
2	FD2	1200	2400	0	FIRE TOWER	2hrs
3	FD3	1200	2400	75	V/MV SHAFT (G.F.)	2hrs
4	FD3A	1000	2400	75	V/MV SHAFT	2hrs
5	FD4	1200	2400	0	OFFICE ENTRY	2hrs
6	FD5	2300	2400	0	ASSADRANT, AUDI, GYM	2hrs
8	FHD1	1300	2400	600	F.H.C.	2hrs
9	FHD	900	2100	450	F.H.C.	2hrs
7	FDD1	1500	2400	0	ENTRANCE LOBBY ALL FLOORS	2hrs
GLAZING OPENING						
1	OP1	1692	2200	1065	ALL FLOORS	
MOTORISED OPENABLE WINDOW						
1	MW	1400	3400	1300	DOUBLE HEIGHT LOBBY	
2	MW1	2025	3400	1200	DOUBLE HEIGHT LOBBY GROUND & FIRST FLOOR	

PLUMBING VERTICAL PIPES SCHEDULES		
1		100ø SOIL PIPE
2		100ø WASTE PIPE
3		75ø VENT PIPE
4		DOMESTIC WATER SUPPLY MAIN PIPE
5		DOMESTIC WATER SUPPLY BRANCH PIPE
5A		DOMESTIC WATER FOR TOP THREE FLOOR
6		FLUSHING WATER SUPPLY MAIN PIPE
7		FLUSHING WATER SUPPLY BRANCH PIPE
8		DOMESTIC WATER RISER TO OHT
9		FLUSHING WATER RISER TO OHT
10		SOFT WATER RISER TO OHT
11		AC DRAIN PIPE
H		100ø RAIN WATER PIPE
R1		100ø RAIN WATER PIPE
R2		100ø RAIN WATER PIPE
R3		100ø BALCONY DRAIN PIPE

PIPE CONNECTION FOR →	
WC TO STACK	100ø SOIL PIPE
SINK TO FT	40ø WASTE PIPE
FD TO FT	50ø WASTE PIPE
WASH BASIN TO FT	32ø WASTE PIPE
FT TO STACK	100ø WASTE PIPE

FIRE FIGHTING LEGEND →		
SLNO.	SYMBOL	DESCRIPTION
A		150ø FIRE HYDRANT PIPE FOR (LOWER ZONE)
B		150ø FIRE HYDRANT PIPE FOR (MIDDLE ZONE)
C		150ø FIRE HYDRANT PIPE FOR (HIGH ZONE)
D		80ø FIRE SPRINKLER DRAIN PIPE
E		150ø FIRE SPRINKLER PIPE FOR (LOWER ZONE)
F		150ø FIRE SPRINKLER PIPE FOR (MIDDL ZONE)
G		150ø FIRE SPRINKLER PIPE FOR (HIGH ZONE)
H		150ø FIRE SPRINKLER STAND BY PIPE (LOWER ZONE)
I		150ø FIRE SPRINKLER STAND BY PIPE (MIDDL ZONE)
J		150ø FIRE SPRINKLER STAND BY PIPE (HIGH ZONE)
K		150ø FIRE WATER MAKE UP PIPE
L		150ø WATER CURTAIN PIPE

Checked and found all the Health (Internal) Service only Remarks/comments in dr. in forwarding letter No. .....

Superintending Engineer (HQ) for Chief Engineer-I HSVP, Panchkula

S.T.P.(HQ) Member Secretary B.P.A.C. | S.T.P.(G) Member B.P.A.C. | C.T.P.(HR) Chairman B.P.A.C.
ATP(FO), (HQ) Member BPAC
FSO, (HQ) Member BPAC
DTP(HQ)
ATP(HQ)

DG-AR-108

AD PA ATP

Rajesh Dutt SD(HQ)

SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO: 5114 dt. DATED: 16/6/2026

CLIENT
PURI CONSTRUCTION PVT. LTD.
4.7th, GROUND FLOOR,
TOLSTOY HOUSE, TOLSTOY MARG,
NEW DELHI-110001

STRUCTURES
Planning and Design Bureau
M- 33, Greater Kailash- II
(Opp. Arya Samaj Mandir)
New Delhi-110048
Ph.: 011-29210981, 011-41436775
E-mail: pdbcon@gmail.com

MEP
AEON Integrate Building Consultants
A-122, 6th Floor, Sector 136, Noida-201305
Ph.: 0120-4909526, 9871512007
E-mail: ashish.nishra@aeonconsultants.in

ARCHITECTS
Arcop Associates Pvt. Ltd.
Plot- 36b, Sec-32, Gurgaon-122001
Ph.: 26242050, 26242169
Montreal, Toronto, New Delhi, Boston

PROJECT
Building plan of commercial Colony measuring land under TOD policy over an area measuring 3.384 Acres (license no. 93 & 3.375 acres (license no. 98) of 2010 dated 19.11. 2010, in sector -111, Distt. Gurgaon being developed by M/s Naturevilla promoters Pvt. Ltd. in collaboration with M/s Puri Constructions Pvt. Ltd.

ARCHITECT'S SIGNATURE

OWNER'S SIGNATURE
For Puri Construction Pvt. Ltd.
Authorised Signatory

DRAWING TITLE	DRAWING NO.
5TH FLOOR PLAN	DG-AR-108