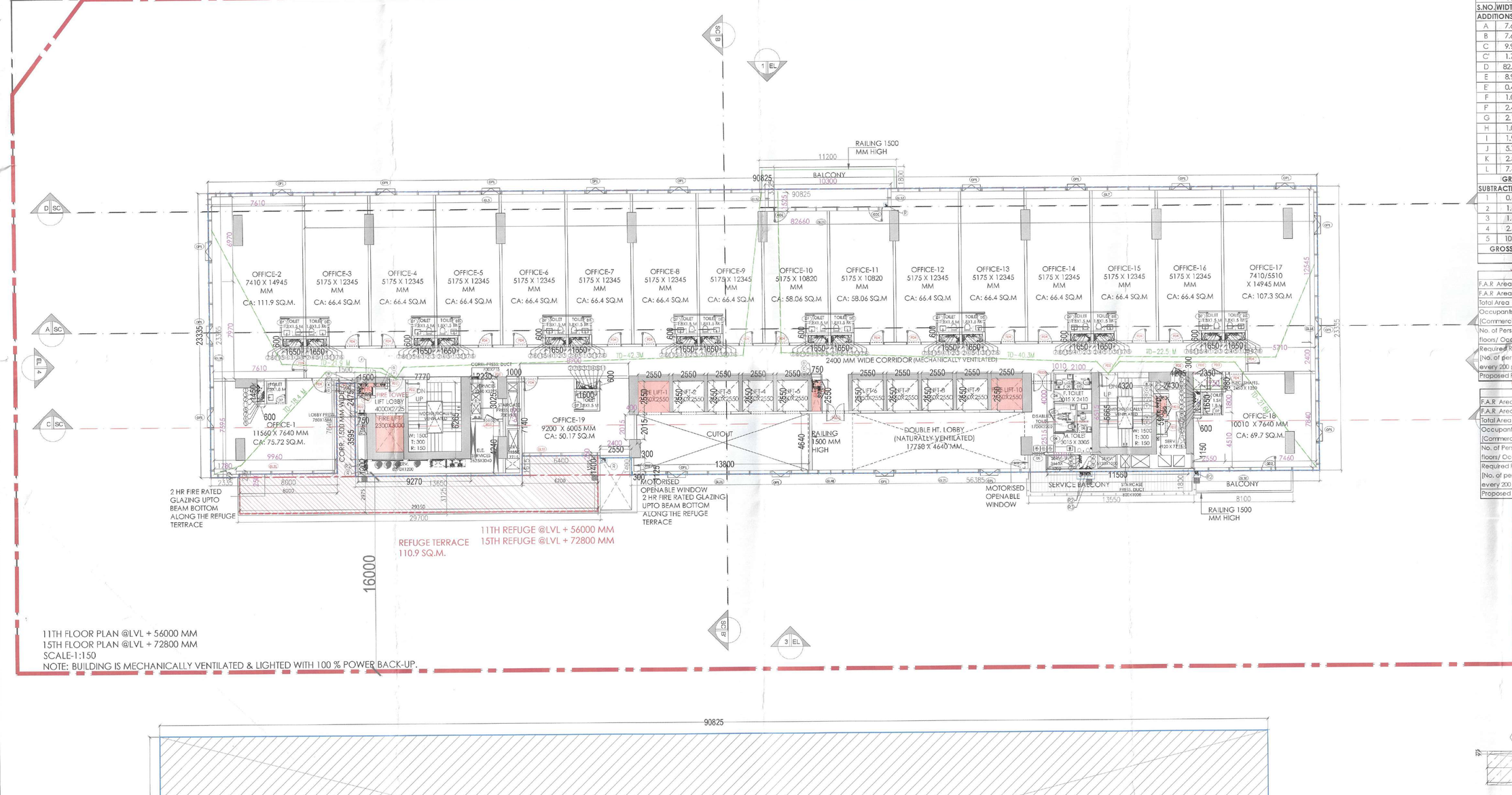
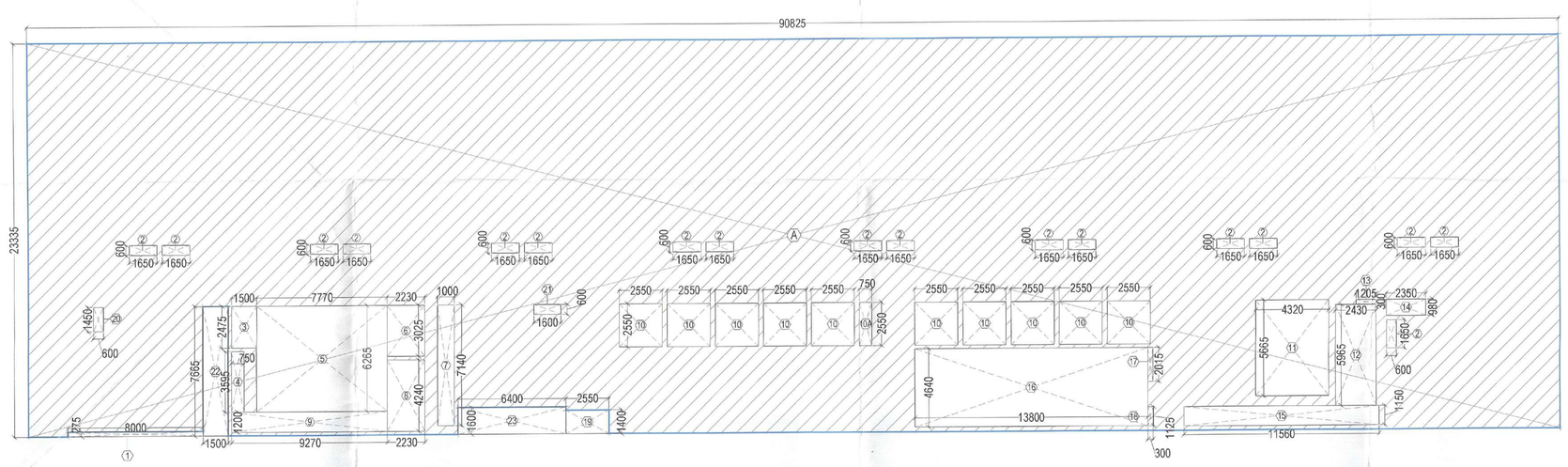
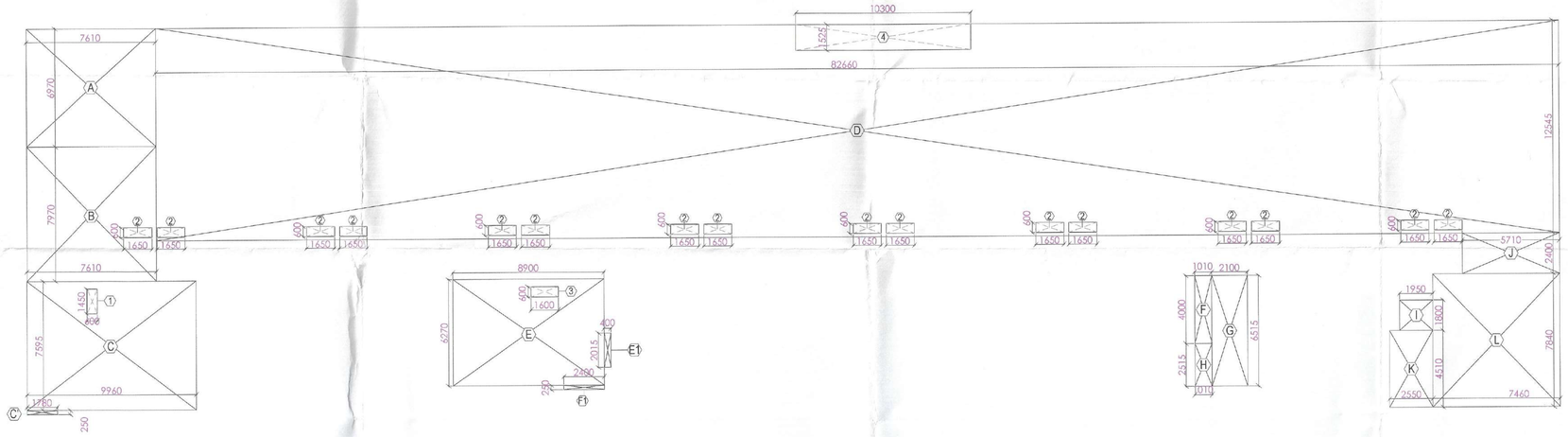


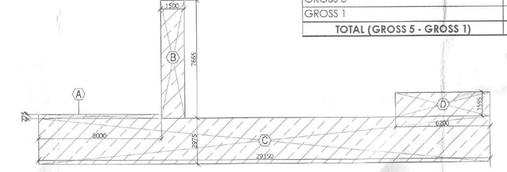
11TH FLOOR PLAN @LVL + 56000 MM
15TH FLOOR PLAN @LVL + 72800 MM
SCALE-1:150
NOTE: BUILDING IS MECHANICALLY VENTILATED & LIGHTED WITH 100 % POWER BACK-UP.



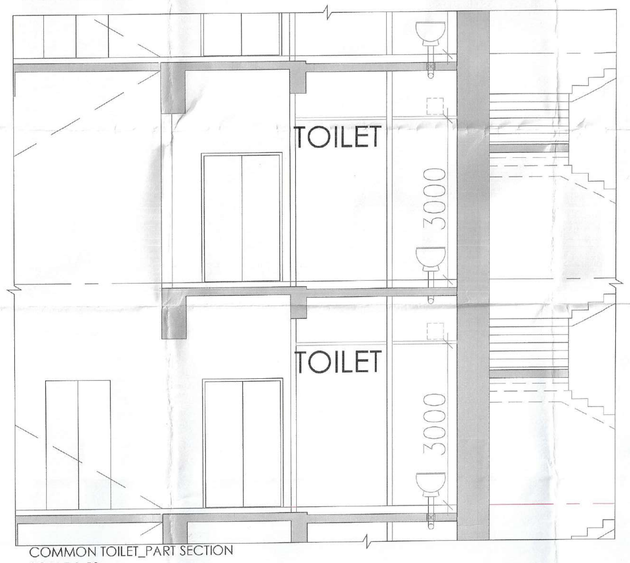
F.A.R DIAGRAM
SCALE-1:150



CARPET AREA DIAGRAM
SCALE-1:150



REFUGE AREA DIAGRAM
SCALE-1:175



COMMON TOILET_PART SECTION
SCALE-1:50

11TH & 15TH FLOOR (CARPET AREA)

S.NO.	WIDTH(M)	LENGTH(M)	COEFF.	NOS.	AREA (SqM)
ADDITIONS					
A	7.610	6.970	1	1	53.042
B	7.610	7.970	1	1	60.652
C	9.960	7.595	1	1	75.646
C'	1.785	7.840	1	1	13.994
D	82.660	12.545	1	1	1036.970
E	8.900	6.270	1	1	55.803
F	0.400	2.015	1	1	0.806
F	1.010	4.000	1	1	4.040
F'	2.400	0.250	1	1	0.600
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)				1404.975
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	10.300	1.525	1	1	15.708
	GROSS AREA (TOTAL SUBTRACTIONS)				36.823
	(CARPET AREA)				1368.153

11TH & 15TH 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	8.000	0.275	1	1	2.200
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	0.600	1.450	1	1	0.870
21	1.600	0.600	1	1	0.960
22	1.500	7.665	1	1	11.498
23	6.400	1.600	1	1	10.240
	GROSS AREA (TOTAL SUBTRACTIONS)				322.558
	GROSS 1 (NET F.A.R)				1796.843
	TOTAL NET F.A.R OF 11TH & 15TH				3593.687

Refuge Terrace Calculation_11TH

F.A.R Area-11th Floor	1796.843	sq.m
F.A.R Area-12th Floor	1805.912	sq.m
Total Area	3602.756	sq.m
Occupants Load Factor (Commercial)	10.000	sq.m/person
No. of Persons [Gross Area of floors/ Occupant Load]	360.276	
Required Refuge area per floor [No. of persons X 0.3 +0.9 (for every 200 person)]	109.883	
Proposed Refuge Area	110.903	

Refuge Terrace Calculation_15TH

F.A.R Area-15th Floor	0.000	sq.m
F.A.R Area-16th Floor	1793.995	sq.m
Total Area	1793.995	sq.m
Occupants Load Factor (Commercial)	10.000	sq.m/person
No. of Persons [Gross Area of floors/ Occupant Load]	179.400	
Required Refuge area per floor [No. of persons X 0.3 +0.9 (for every 200 person)]	55.620	
Proposed Refuge Area	110.903	

FIRE TOWER & ST. AREA CALCULATION- 11TH 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- 11TH 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

REFUGE AREA

S.NO.	WIDTH(M)	LENGTH(M)	COEFF.	NOS.	AREA (SqM)
ADDITIONS					
A	6.000	0.275	1	1	2.200
B	1.500	7.665	1	1	11.498
C	29.350	2.975	1	1	87.316
D	6.200	1.595	1	1	9.889
	GROSS 4 (NET REFUGE AREA)				110.903

BUILT-UP AREA CALCULATION- 11TH FLOOR

GROSS 1	1796.843
GROSS 2	76.864
GROSS 3	30.696
GROSS 4	110.903
GROSS 5 (BUILT-UP AREA)	2015.306

NON- F.A.R AREA CALCULATION- 11TH FLOOR

GROSS 5	2015.306
GROSS 1	1796.843
TOTAL (GROSS 5 - GROSS 1)	218.463

TOILET CALCULATION (AS PER GROSS AREA)
11TH & 15TH FLOOR -OFFICE

			PERMANENT POPULATION (100%)		TOTAL PROVIDED	
	GROSS AREA (SQ.M)					
TYPICAL FLOOR PLATE	1988.920		195			
TOTAL POPULATION	195		195			
			MALE (2/3)	FEMALE (1/3)	MALE	FEMALE
As per NBC	NO.		130	65		
	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)
11TH & 15TH FLOOR

	GROSS AREA (SQ.M)	POPOULATION	STAIRCASE WIDTH REQUIRED (MM)	STAIRCASE WIDTH PROPOSED (MM)
OFFICE SPACE @ 10 SQ.M PP	1946.92	194.69		
TOTAL POPULATION		195	1946.920	3000

DOOR/ WINDOW SCHEDULE (TOWER)

S. NO.	TAG$	WIDTH	LINTEL	CILL	LOCATION	FIRE RATING$
DOORS						
1	D1	2000	2400	0	EXTERNAL SERVICES	
2	D2	1320	2400	0	EXTERNAL SERVICES	
3	D3	1200	2400	0	SHOP BACKSIDE ENTRY	2hrs
4	D4	1300	2400	0		
5	D5	1900	2400	0		
6	D6	900	2400	0		
7	D7	800	2400	0		
8	D8	750	2400	0		
9	GD	1800	2400	0		
10	GD1	1600	2400	0		
11	GD2	1200	2400	0		
12	GD3	1900	2400	0		
GLAZINGS						
1	GL1	90825	0	0		
2	GL2	84825	0	0		
3	GL3	67106	0	0		
4	GL4	56586	0	0		
5	GL5	45636	0	0		
6	GL6	45225	0	0		
7	GL7	34866	0	0		
8	GL8	32790	0	0		
9	GL9	32695	0	0		
10	GL10	32675	0	0		
11	GL11	32600	0	0		
12	GL12	32055	0	0		
13	GL13	31905	0	0		
14	GL14	24156	0	0		
15	GL15	24093	0	0		
16	GL16	23335	0	0		
17	GL17	23335	0	0		
18	GL18	39925	0	0		
19	GL19	29985	0	0		
20	GL20	14668	0	0		
21	GL21	14550	0	0		
22	GL22	14550	0	0		
23	GL23	13694	0	0		
24	GL24	13686	0	0		
25	GL25	11836	0	0		
26	GL26	10905	0	0		
27	GL27	10418	0	0		
28	GL28	10087	0	0		
29	GL29	10000	0	0		
30	GL30	10000	0	0		
31	GL31	10137	0	0	OFFICE-REFUGE FLOOR	2hr
32	GL32	10133	0	0		
33	GL33	10000	0	0		
34	GL34	9955	0	0		
35	GL35	9745	0	0		
36	GL36	9575	0	0		
37	GL37	7918	0	0		
38	GL38	7893	0	0		
39	GL39	7824	0	0		
40	GL40	7653	0	0		
41	GL41	7748	0	0		
42	GL42	7697	0	0		
43	GL43	7537	0	0		
44	GL44	7501	0	0		
45	GL45	4090	0	0		
46	GL46	6441	0	0		
47	GL47	3114	0	0		
48	GL48	3135	0	0		
49	GL49	2037	0	0		
50	GL50	2000	0	0		
51	GL51	1800	0	0		
52	GL52	1525	0	0		
53	GL54	10087	0	0		
54	GL55	4300	0	0	OFFICE-REFUGE FLOOR	2hr
FIRE DOOR/LAND WINDOW						
1	FD1	1800	2400	0	FIRE EXIT STAIRCOND FLOOR	2hr
2	FD2	1200	2400	0	FIRE TOWER	2hrs
3	FD2'	1200	2400	725	V.VENT SHAFT (DUCT)	2hrs
4	FD3	1000	2400	725	V.VENT SHAFT	2hrs
5	FD4	1200	2400	0	OFFICE ENTRY	2hrs
6	FD5	2200	2400	0	RESTAURANT, AUDI, GYM	2hrs
5	FHD1	1500	2400	450	F.H.C.	2hrs
6	FHD	900	2150	600	F.H.C.	
7	FGD1	1500	2400	0	ENTRANCE LOBBY ALL FLOORS	2hrs
GLAZING OPENING						
1	OP1	1612	2200	1200	ALL FLOORS	
MONOROOZED OPENABLE WINDOW						
1	MW	1400	2400	1200	DOUBLE HEIGHT LOBBY	
2	MW1	2525	2400	1200	DOUBLE HEIGHT LOBBY GROUND & FIRST FLOOR	

PLUMBING VERTICAL PIPES SCHEDULES:-		
1		100ø SOIL PIPE
2		100ø WASTE PIPE
3		75ø VENT PIPE
		DOMESTIC WATER SUPPLY MAIN PIPE
5	ø	DOMESTIC WATER SUPPLY BRANCH PIPE
5A	ø	DOMESTIC WATER FOR TOP THREE FLOOR
6		FLUSHING WATER SUPPLY MAIN PIPE
7	ø	FLUSHING WATER SUPPLY BRANCH PIPE
8	ø	DOMESTIC WATER RISER TO OHT
9	ø	FLUSHING WATER RISER TO OHT
10	ø	SOFT WATER RISER TO OHT
11	ø	AC DRAIN PIPE
R		100ø RAIN WATER PIPE
R1		150ø RAIN WATER PIPE
R2		200ø RAIN WATER PIPE
R3		100ø BALCONY DRAIN PIPE

PIPE CONNECTION DIA :-	
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 :-		
S.NO.	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

S.T.P.(HQ) Member Secretary B.P.A.C. | S.T.P.(G) Member B.P.A.C. | C.T.A.(HR) Chairman B.P.A.C.

DTP(HQ) | ATP(HQ)

DG-AR-114

AD | PA | ATP

Rajesh Dutt SD(HQ)

SANCTIONED
TO BE READ WITH THIS OFFICE MEMO NO.: 21140
DATED : 16/06/2026

Checked and found ok for ... (Health) (Internal) Service only subject to commands in ... memoing letter No. ... DL ...

Superintending Engineer (HQ) for Chief Engineer HSVP, Panchkula

FSO, (HQ) Member BPAC

ATP(HQ), (HQ) Member BPAC

CLIENT
PURI CONSTRUCTION PVT. LTD.
4TH, GROUND FLOOR,
TOLSTOY HOUSE, TOLSTOY MARG,
NEW DELHI-110001

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ARCHITECTS
Arcop Associates Pvt. Ltd.
N.H.-248, Sec-50, Gurgaon-122001
Ph.: 26242050, 26242149
Montreal, Toronto, New-Delhi, Boston

PROJECT
Building plan of commercial Colony measuring land under TOD policy over an area measuring 3.356 Acres (license no. 99) & 3.375 acres (license no. 98) of 2010 dated 19.11.2010, in sector-111, Distt. Gurgaon being developed by M/s Naharwlle promoters Pvt. Ltd. in collaboration with M/s Puri Constructions Pvt. Ltd.

ARCHITECT'S SIGNATURE
Ashirvad Ason Architecture Registration No. CA/2005/72335 Authorised Signatory

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

DRAWING TITLE	DRAWING NO.
11TH & 15TH FLOOR PLAN	DG-AR-114