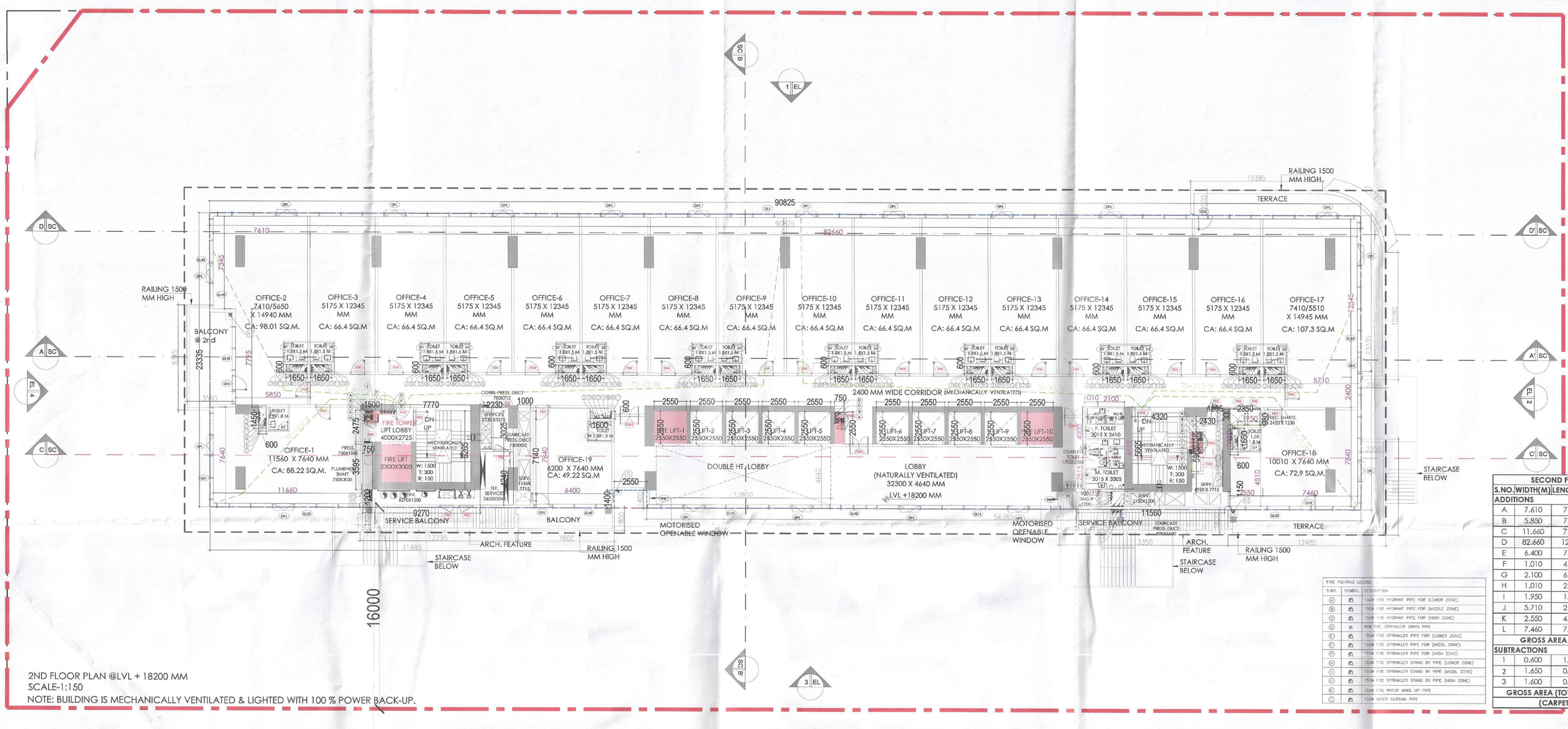


2ND FLOOR PLAN @LVL + 18200 MM
SCALE-1:150
NOTE: BUILDING IS MECHANICALLY VENTILATED & LIGHTED WITH 100 % POWER BACK-UP.

FIRE FIGHTING LEGEND		
S.NO.	SYMBOL	DESCRIPTION
1	FD	150M FIRE HYDRANT PIPE FOR (LOWER ZONE)
2	FD	150M FIRE HYDRANT PIPE FOR (MIDDLE ZONE)
3	FD	150M FIRE HYDRANT PIPE FOR (HIGH ZONE)
4	SP	ROOF FIRE SPRINKLER 25MM PIPE
5	FD	150M FIRE SPRINKLER PIPE FOR (LOWER ZONE)
6	FD	150M FIRE SPRINKLER PIPE FOR (MIDDL ZONE)
7	FD	150M FIRE SPRINKLER PIPE FOR (HIGH ZONE)
8	FD	150M FIRE SPRINKLER STAND BY PIPE (LOWER ZONE)
9	FD	150M FIRE SPRINKLER STAND BY PIPE (MIDDL ZONE)
10	FD	150M FIRE SPRINKLER STAND BY PIPE (HIGH ZONE)
11	FD	150M FIRE MAIN RAISE UP PIPE
12	W	150M WATER CURTAIN PIPE

SECOND FLOOR (CARPET AREA)					
S.NO.	WIDTH(M)	LENGTH(M)	COEFF.	NOS.	AREA (SqM)
ADDITIONS					
A	7.610	7.345	1	1	55.895
B	5.850	7.795	1	1	45.601
C	11.660	7.645	1	1	89.141
D	82.660	12.545	1	1	1036.970
E	6.400	7.840	1	1	50.176
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)					1385.245
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
GROSS AREA (TOTAL SUBTRACTIONS)					17.670
(CARPET AREA)					1367.575

SECOND 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	0.600	1.450	1	1	0.870
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	2.550	1.400	1	1	3.570
17	1.600	0.600	1	1	0.960
GROSS AREA (TOTAL SUBTRACTIONS)					233.647
GROSS 1 (NET F.A.R)					1885.755

FIRE TOWER & ST. AREA CALCULATION- 2ND 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- 2ND 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

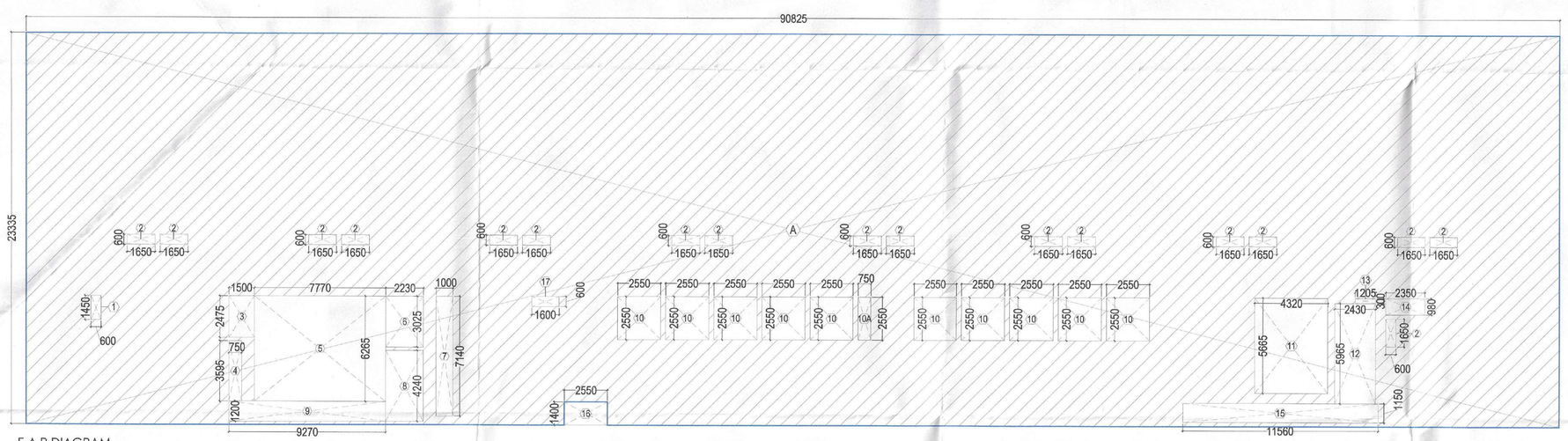
BUILT-UP AREA CALCULATION- 2ND FLOOR	
GROSS 1	1885.755
GROSS 2	76.864
GROSS 3	30.696
GROSS 4 (BUILT-UP AREA)	1993.315

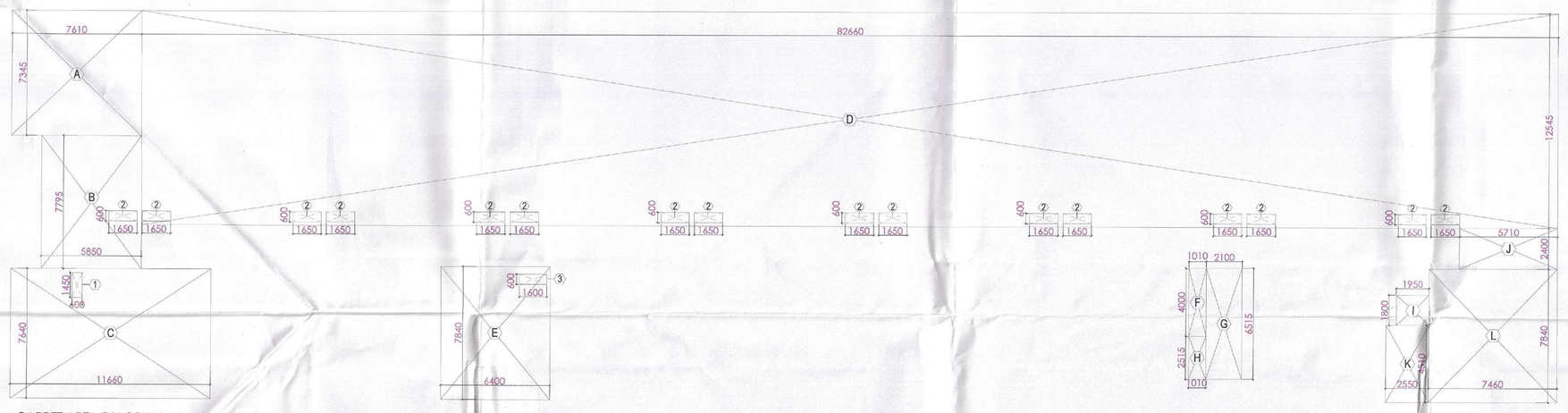
NON- F.A.R AREA CALCULATION- 2ND FLOOR	
GROSS 4	1993.315
GROSS 1	1885.755
TOTAL (GROSS 4 - GROSS 1)	107.560

DOOR/ WINDOW SCHEDULE (TOWER)						
S. NO.	TAG1	WIDTH	LINTEL	CILL	LOCATION	FIRE RATINGS
DOORS						
1	D1	2650	2400	0	EXTERNAL SERVICES	
2	D2	1500	2400	0	EXTERNAL SERVICES	
3	D3	1300	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	1300	2400	0		
11	GD2	1200	2400	0		
12	GD3	1000	2400	0		
GLAZINGS						
1	GL1	90823	0	0		
2	GL2	84025	0	0		
3	GL3	67136	0	0		
4	GL4	56386	0	0		
5	GL5	45636	0	0		
6	GL6	43025	0	0		
7	GL7	34886	0	0		
8	GL8	30700	0	0		
9	GL9	30695	0	0		
10	GL10	30675	0	0		
11	GL11	30650	0	0		
12	GL12	30250	0	0		
13	GL13	31800	0	0		
14	GL14	24136	0	0		
15	GL15	24093	0	0		
16	GL16	23535	0	0		
17	GL17	22535	0	0		
18	GL18	21925	0	0		
19	GL19	20685	0	0		
20	GL20	14868	0	0		
21	GL21	14500	0	0		
22	GL22	14350	0	0		
23	GL23	13694	0	0		
24	GL24	13686	0	0		
25	GL25	11836	0	0		
26	GL26	10920	0	0		
27	GL27	10418	0	0		
28	GL28	10387	0	0		
29	GL29	10300	0	0		
30	GL30	10286	0	0		
31	GL31	10137	0	0	OFFICE-REFUGE FLOOR	2hr
32	GL32	10033	0	0		
33	GL33	10000	0	0		
34	GL34	9800	0	0		
35	GL35	9425	0	0		
36	GL36	8075	0	0		
37	GL37	7916	0	0		
38	GL38	7891	0	0		
39	GL39	7854	0	0		
40	GL40	7833	0	0		
41	GL41	7768	0	0		
42	GL42	7697	0	0		
43	GL43	7321	0	0		
44	GL44	7300	0	0		
45	GL45	4000	0	0		
46	GL46	4441	0	0		
47	GL47	3116	0	0		
48	GL48	2100	0	0		
49	GL49	2007	0	0		
50	GL50	2000	0	0		
51	GL51	1800	0	0		
52	GL52	1525	0	0		
53	GL54	10287	0	0		
54	GL55	6220	0	0	OFFICE-REFUGE FLOOR	2hr
FIRE DOORS AND WINDOW						
1	FD1	1800	2400	0	FIRE EXIT BGROUND FLOOR	2hr
2	FD2	1200	2400	0	FIRE TOWER	2hrs
3	FD2'	1200	2400	75	V/J/MV SHAFT (G,F,)	2hrs
4	FD3	1000	2400	75	V/J/MV SHAFT	2hrs
5	FD4	1200	2400	0	OFFICE ENTRY	2hrs
6	FD5	2000	2400	0	RESTAURANT, AUTO, CYC	2hrs
5	FHD1	1500	2400	450	F.H.C.	2hrs
4	FHD	900	2100	450	F.H.C.	2hrs
7	FGD1	1500	2400	0	ENTRANCE LOBBY ALL FLOORS	2hrs
GLAZING OPENING						
1	OP1	1692	2100	1900	ALL FLOORS	
MOTORIZED OPENABLE WINDOW						
1	MW	1400	2400	1200	DOUBLE HEIGHT LOBBY	
2	MW1	2525	2400	1200	DOUBLE HEIGHT LOBBY @GROUND & FIRST FLOOR	

PLUMBING VERTICAL PIPES SCHEDULE		
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
R		100ø RAIN WATER PIPE
R1		150ø RAIN WATER PIPE
R2		200ø RAIN WATER PIPE
R3		100ø BALCONY DRAIN PIPE

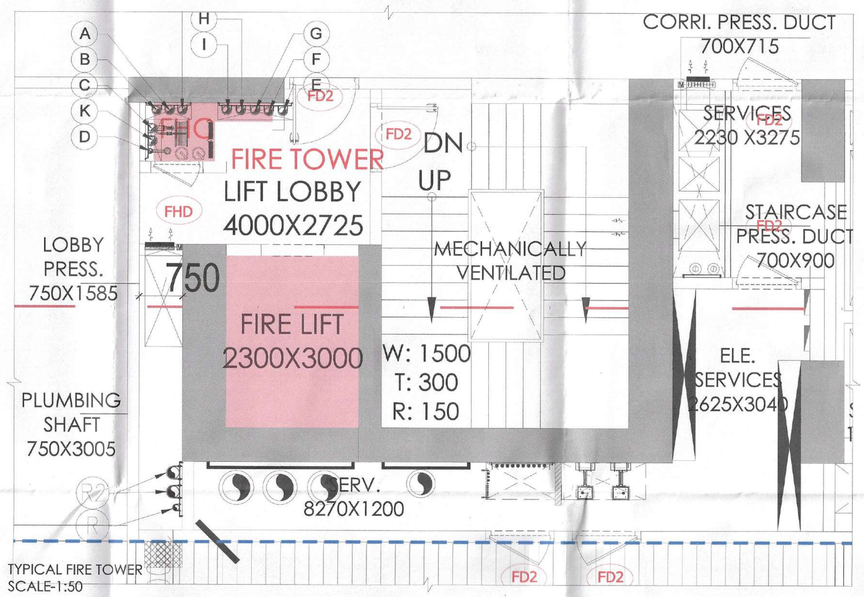
PIPE CONNECTION DIA	
WC TO STACK	100ø SOIL PIPE
SINK TO FT	40ø WASTE PIPE
FT TO FT	50ø WASTE PIPE
WASH BASIN TO FT	32ø WASTE PIPE
FT TO STACK	100ø WASTE PIPE

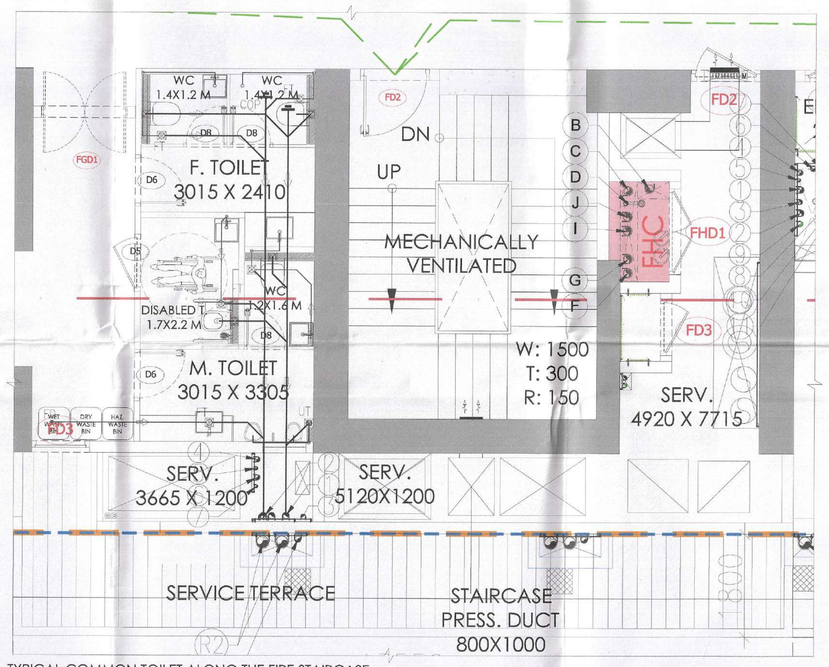


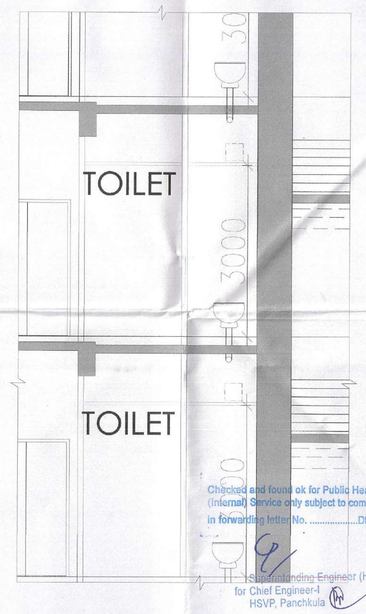


TOILET CALCULATION (AS PER GROSS AREA)						
2ND FLOOR -OFFICE						
	GROSS AREA (SQ.M)		PERMANENT POPULATION (100%)		TOTAL PROVIDED	
TYPICAL FLOOR PLATE	2038.100		204			
TOTAL POPULATION	204		204			
			MALE (2/3)	FEMALE (1/3)	MALE	FEMALE
As per NBC		NO.	136	68		
		WC:1/25	6	5	12	11
	4 for 100 and From 101 to 200 add @3%		5	0	5	
		WB:1/25	6	3	12	11
		WB:1/25				

STAIRCASE CALCULATION (AS PER GROSS AREA)				
2ND FLOOR				
	GROSS AREA (SQ.M)	POPOULATION	STAIRCASE WIDTH REQUIRED (MM)	STAIRCASE WIDTH PROPOSED (MM)
OFFICE SPACE @ 10 SQ.M PP	2038.10	203.81		
TOTAL POPULATION		204	2038.100	3000







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

DG-AR-105

AD PA ATP

Rajesh Dutt SD(HQ)

SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO.: 21/46 DATED : 16/6/2026

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. dtd
Executive Engineer (HQ) for Chief Engineer-I HSVP, Panchkula

CLIENT:
PURI CONSTRUCTION PVT. LTD.
4-70, GROUND FLOOR, TOLSTOY HOUSE, TOLSTOY MARG, NEW DELHI-110001

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ARCHITECTS
Arcop Associates Pvt. Ltd.
Plot- 368, Sec-32, Gurgaon-122001
Ph.: 26242050, 26242169
Mumbai, Toronto, New-Delhi, Boston

PROJECT
Building plan of commercial Colony measuring land under TOD policy over an area measuring 3.356 Acres (license no. 98 & 3.372 acres (license no. 98) of 2010 dated 19.11. 2010, in sector -111, Distt. Gurgaon being developed by M/s Naturevile promoters Pvt. Ltd. in collaboration with M/s Puri Constructions Pvt. Ltd.

ARCHITECTS SIGNATURE

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

DRAWING TITLE	DRAWING NO.
2ND FLOOR PLAN	DG-AR-105