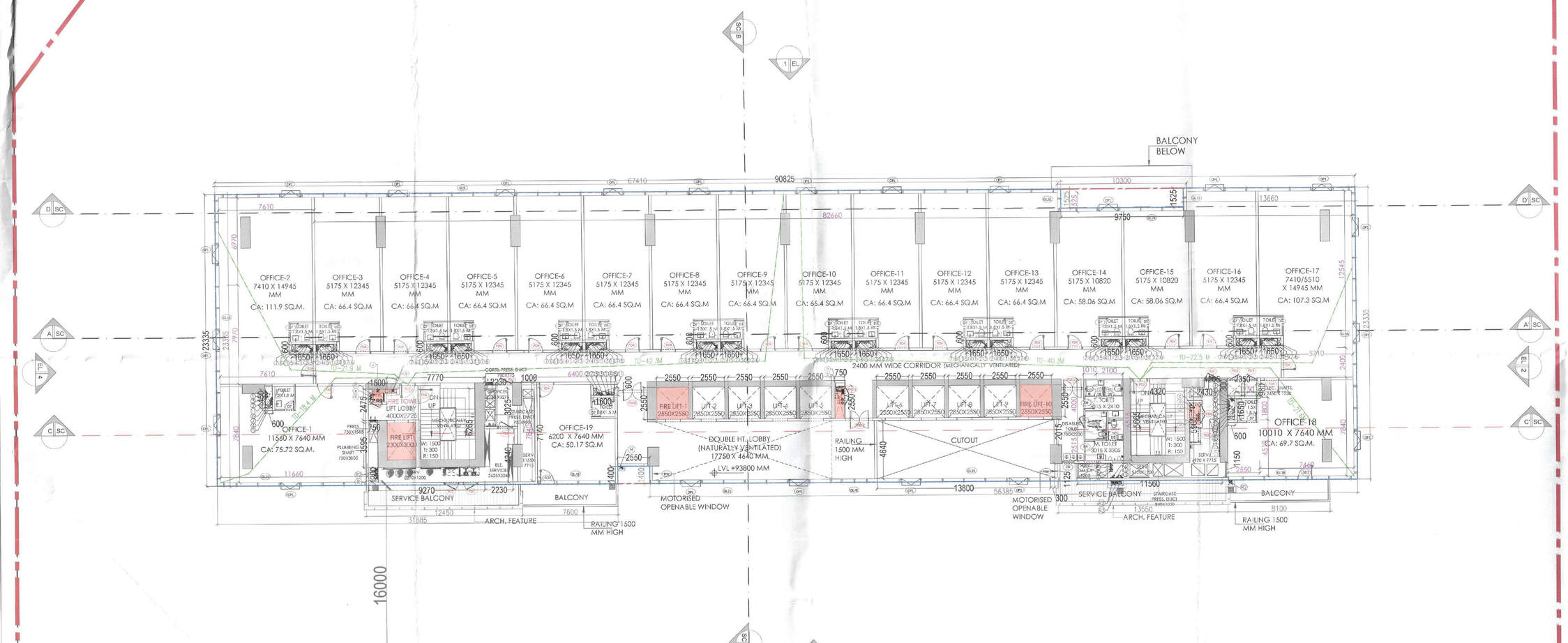
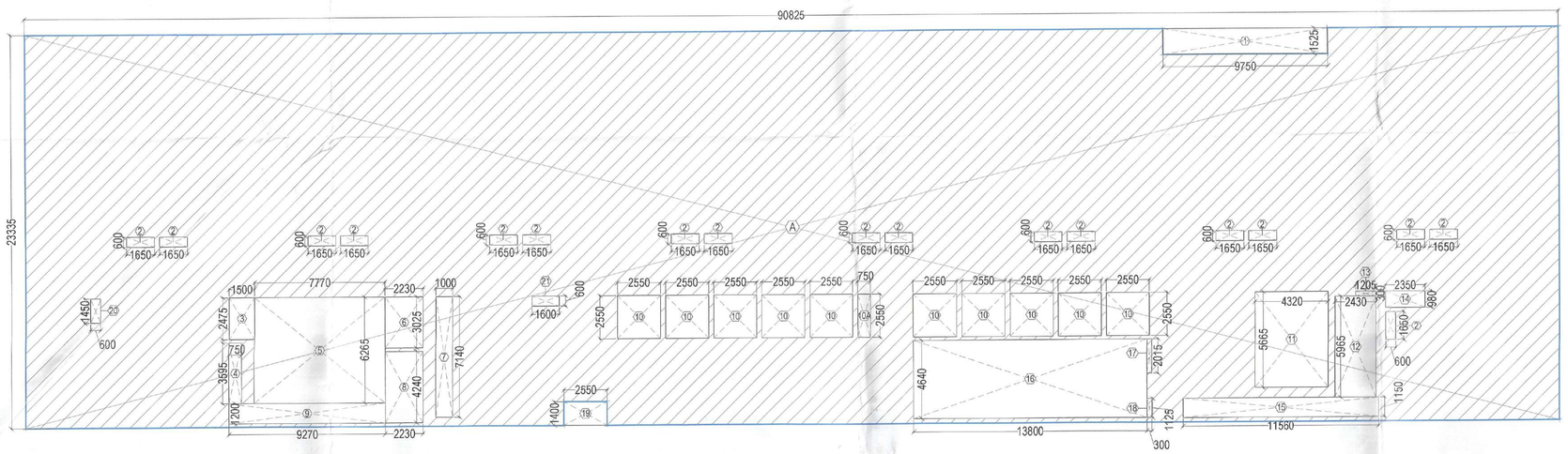
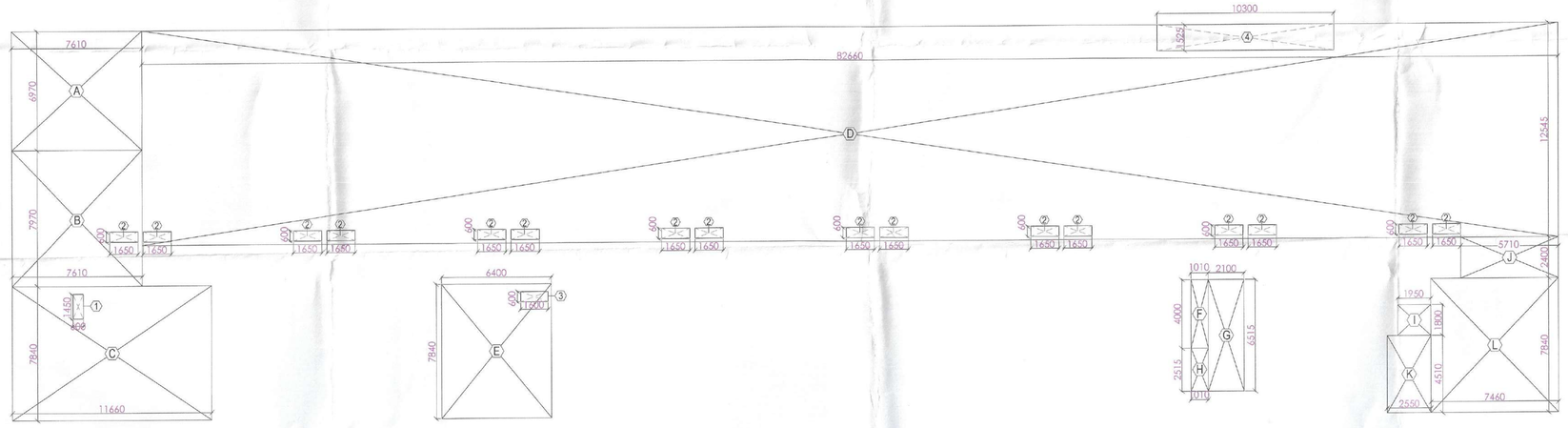


20TH FLOOR PLAN @LVL + 93800 MM
SCALE-1:150
NOTE:BUILDING IS MECHANICALLY VENTILATED & LIGHTED WITH 100 % POWER BACK-UP.



F.A.R DIAGRAM
SCALE-1:150



CARPET AREA DIAGRAM
SCALE-1:150

COMMON TOILET_PART SECTION
SCALE-1:50

20TH 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	9.750	1.525	1	1	14.869
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
GROSS AREA (TOTAL SUBTRACTIONS)					313.489
GROSS 1 (NET F.A.R)					1805.912

FIRE TOWER & ST. AREA CALCULATION- 20TH 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	2	24.473
GROSS 2 (FIRE TOWER+STAIRCASE)					76.864

SERVICE AREA CALCULATION- 20TH 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- 20TH FLOOR	
GROSS 1	1805.912
GROSS 2	76.864
GROSS 3	30.696
GROSS 4 (BUILT-UP AREA)	1913.472

NON- F.A.R AREA CALCULATION- 20TH FLOOR	
GROSS 4	1913.472
GROSS 1	1805.912
TOTAL (GROSS 4 - GROSS 1)	107.560

20TH 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	11.660	7.840	1	1	91.414
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)					1399.716
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	10.300	1.525	1	1	15.708
GROSS AREA (TOTAL SUBTRACTIONS)					33.378
(CARPET AREA)					1366.339

TOILET CALCULATION (AS PER GROSS AREA)						
20TH FLOOR -OFFICE						
	GROSS AREA (SQ.M)		PERMANENT POPULATION (100%)		TOTAL PROVIDED	
TYPICAL FLOOR PLATE	1971.900		197			
TOTAL POPULATION	197		197			
			MALE (2/3)	FEMALE (1/3)	MALE	FEMALE
As per NBC	NO.		131	66		
	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)				
20TH FLOOR				
	GROSS AREA (SQ.M)	POPOULATION	STAIRCASE WIDTH REQUIRED (MM)	STAIRCASE WIDTH PROPOSED (MM)
OFFICE SPACE @ 10 SQ.M PP	1971.90	197.19		
TOTAL POPULATION		197	1971.900	3000

DOOR/ WINDOW SCHEDULE (TOWER)

S. NO.	TAGS	WIDTH	LINTEL	CILL	LOCATION	FIRE RATINGS
DOORS						
1	D1	2100	2400	0	EXTERNAL SERVICES	
2	D2	1000	2400	0	EXTERNAL SERVICES	
3	D3	1000	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	90825	0	0		
2	GL2	84825	0	0		
3	GL3	67136	0	0		
4	GL4	56586	0	0		
5	GL5	45636	0	0		
6	GL6	40225	0	0		
7	GL7	36886	0	0		
8	GL8	32750	0	0		
9	GL9	32695	0	0		
10	GL10	32675	0	0		
11	GL11	32600	0	0		
12	GL12	32250	0	0		
13	GL13	31800	0	0		
14	GL14	24136	0	0		
15	GL15	24093	0	0		
16	GL16	23335	0	0		
17	GL17	23285	0	0		
18	GL18	21925	0	0		
19	GL19	21585	0	0		
20	GL20	14868	0	0		
21	GL21	14300	0	0		
22	GL22	14300	0	0		
23	GL23	13494	0	0		
24	GL24	13286	0	0		
25	GL25	11836	0	0		
26	GL26	10930	0	0		
27	GL27	10418	0	0		
28	GL28	10207	0	0		
29	GL29	10000	0	0		
30	GL30	10098	0	0		
31	GL31	10137	0	0	OFFICE-REFUGE FLOOR	2Hr
32	GL32	10938	0	0		
33	GL33	10000	0	0		
34	GL34	9800	0	0		
35	GL35	9423	0	0		
36	GL36	8073	0	0		
37	GL37	7916	0	0		
38	GL38	7891	0	0		
39	GL39	7804	0	0		
40	GL40	7832	0	0		
41	GL41	7768	0	0		
42	GL42	7697	0	0		
43	GL43	7521	0	0		
44	GL44	7201	0	0		
45	GL45	6200	0	0		
46	GL46	4441	0	0		
47	GL47	3116	0	0		
48	GL48	2930	0	0		
49	GL49	2027	0	0		
50	GL50	2000	0	0		
51	GL51	1870	0	0		
52	GL52	1525	0	0		
53	GL54	11287	0	0		
54	GL55	6300	0	0	OFFICE-REFUGE FLOOR	2Hr
FIRE DOORS AND WINDOW						
1	FD1	1800	2400	0	FIRE EXIT STAIRS AND RECHE	2Hr
2	FD2	1200	2400	0	FIRE TOWER	2Hrs
3	FD2'	1200	2400	75	LIFT/ V SHAFT (LF)	2Hrs
4	FD3	1200	2400	75	LIFT/V SHAFT	2Hrs
5	FD4	1200	2400	0	OFFICE ENTRY	2Hrs
6	FD5	2300	2400	0	RESTAURANT AREA (OFFICE	2Hrs
5	FHD1	1500	2400	450	P.H.C.	2Hrs
6	FHD	900	2100	450	P.H.C.	2Hrs
7	FGD1	1500	2400	0	ENTRANCE LOBBY ALL FLOORS	2Hrs
GLAZING OPENING						
1	OP1	1672	2200	1200	ALL FLOORS	
MOTORIZED OPENABLE WINDOW						
1	MW	1810	2400	1200	DOUBLE HEIGHT LOBBY	
2	MW1	2525	2400	1200	DOUBLE HEIGHT LOBBY WORKSOUND & 1ST FLOOR	

PLUMBING VERTICAL PIPES SCHEDULES:-

1		100ø SOIL PIPE
2		100ø WASTE PIPE
3		75ø VENT PIPE
4		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 (MIDDLE ZONE)
G		150ø FIRE SPRINKLER STAND BY PIPE (LOWER ZONE)
H		150ø FIRE SPRINKLER STAND BY PIPE (MIDDLE ZONE)
I		150ø FIRE SPRINKLER STAND BY PIPE (HIGH ZONE)
J		150ø FIRE WATER MAKE UP PIPE
K		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.P.(HR) Chairman B.P.A.C.
DTP(HQ)
ATP(HQ)

DG-AR-120

AD
PA
ATP
Rajesh Dutt SD(HQ)

SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO.: 2114
DATED: 16/06/2026

Checked and found c[illegible] to Health (Internal) Service and[illegible] comments in forwarding letter No.[illegible] Dt.[illegible]

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

CLIENT
PURI CONSTRUCTION PVT. LTD.
4/8, GROUND FLOOR, TOLSTOY HOUSE, TOLSTOY MARG, NEW DELHI-110001

STRUCTURES
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E-mail: aionbuildhelp@aioneconsultants.in

ARCHITECTS
Arcop Associates Pvt. Ltd.
Plot 368, 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 3.324 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 Naturevile 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: 20TH FLOOR PLAN
DRAWING NO.: DG-AR-120

A.T.P.(HQ) Member BPAC
FSO, (HQ) Member BPAC