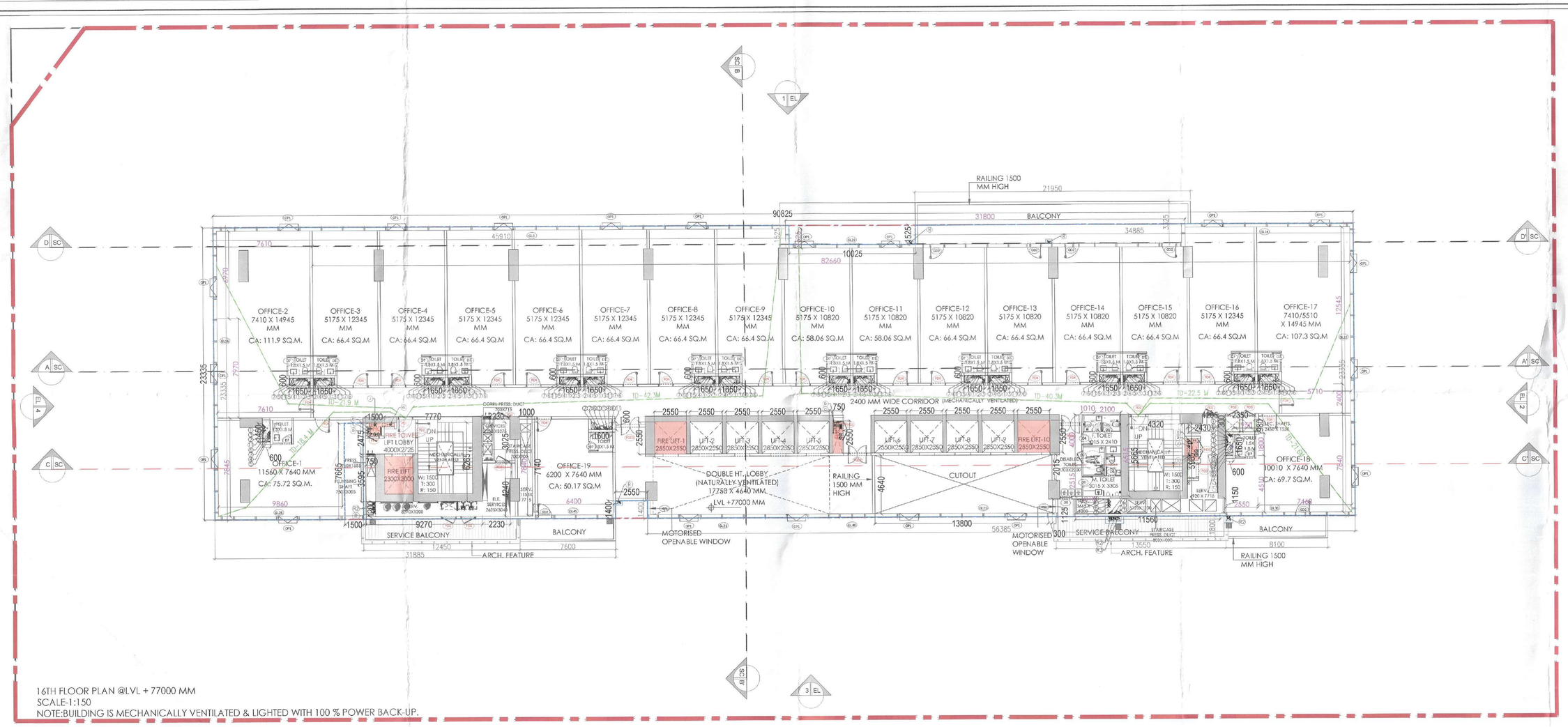
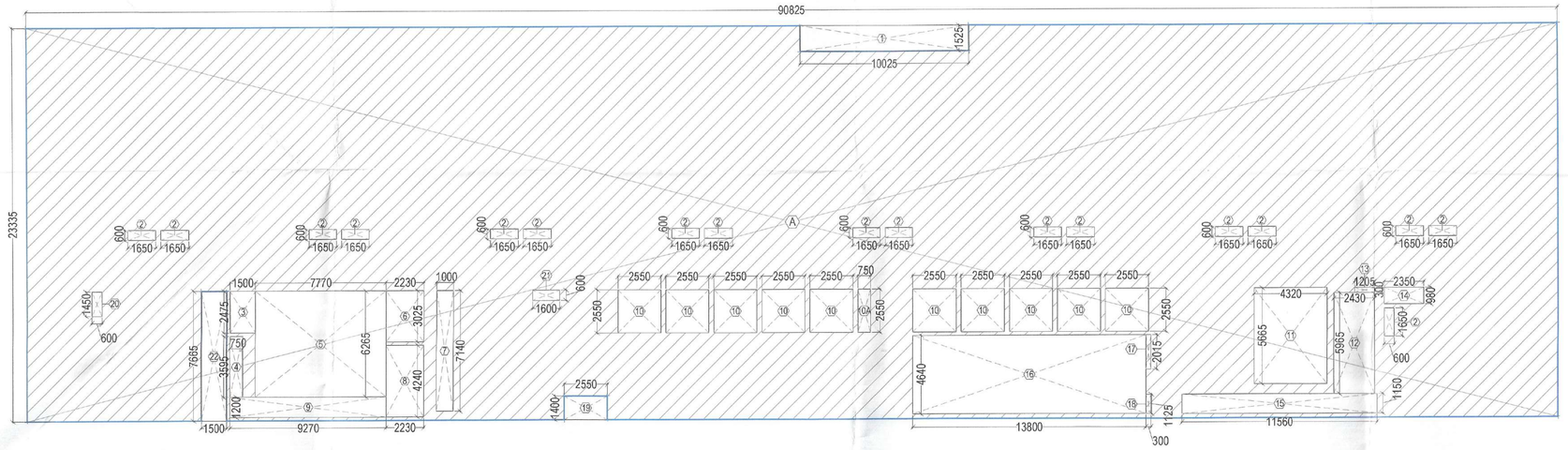
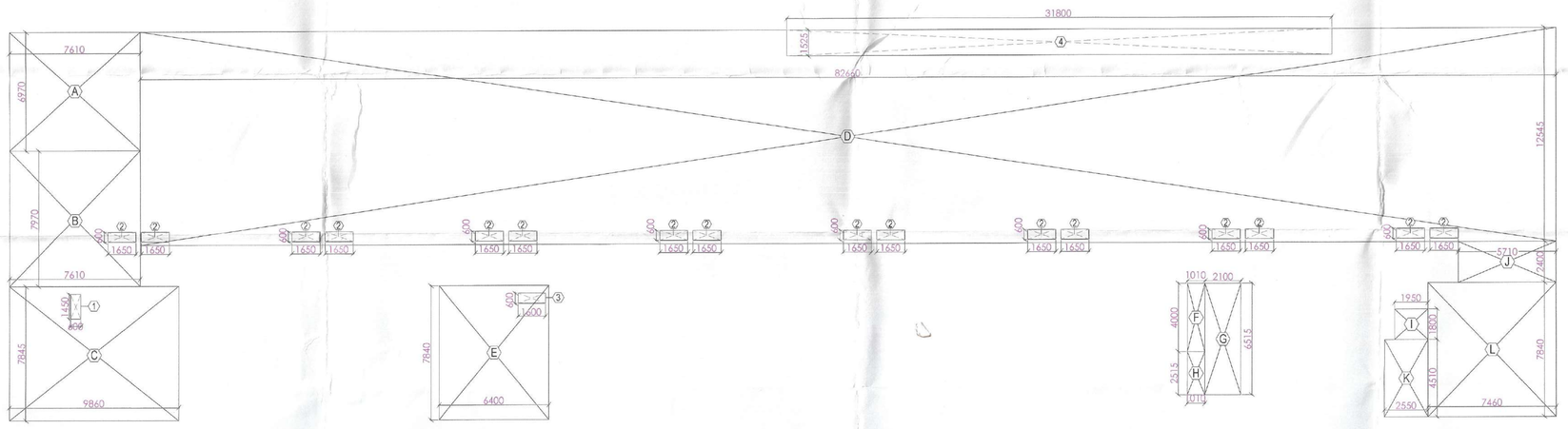


16TH FLOOR PLAN @LVL + 77000 MM
SCALE-1:150
NOTE:BUILDING IS MECHANICALLY VENTILATED & LIGHTED WITH 100 % POWER BACK-UP.



F.A.R DIAGRAM
SCALE-1:150



CARPET AREA DIAGRAM
SCALE-1:150

16TH 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	10.025	1.525	1	1	15.288
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
GROSS AREA (TOTAL SUBTRACTIONS)					325.406
GROSS 1 (NET F.A.R.)					1793.995

FIRE TOWER & ST. AREA CALCULATION- 16TH 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- 16TH 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

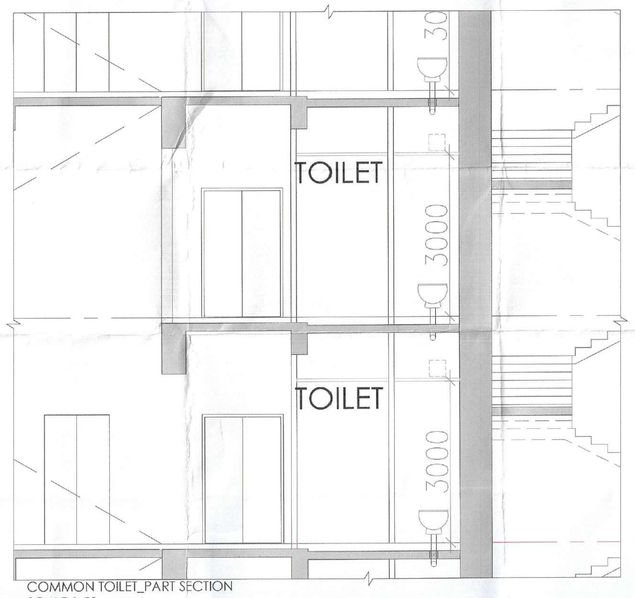
BUILT-UP AREA CALCULATION- 16TH FLOOR	
GROSS 1	1793.995
GROSS 2	76.864
GROSS 3	30.696
GROSS 4 (BUILT-UP AREA)	1901.556

NON- F.A.R AREA CALCULATION- 16TH FLOOR	
GROSS 4	1901.556
GROSS 1	1793.995
TOTAL (GROSS 4 - GROSS 1)	107.560

16TH 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	9.860	7.845	1	1	77.352
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)					1385.653
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	31.800	1.525	1	1	48.495
GROSS AREA (TOTAL SUBTRACTIONS)					66.165
(CARPET AREA)					1319.488

TOILET CALCULATION (AS PER GROSS AREA)						
16TH FLOOR -OFFICE						
	GROSS AREA (SQ.M)		PERMANENT POPULATION (100%)		TOTAL PROVIDED	
TYPICAL FLOOR PLATE	1939.140		194			
TOTAL POPULATION	194		194			
			MALE (2/3)	FEMALE (1/3)	MALE	FEMALE
As per NBC		NO.	129	65		
		WC: 1/25 4 for 100 and From 101 to 200 add @3%	WC: 1/15	6	5	12
				5	0	5
		WB: 1/25	WB: 1/25	6	3	12

STAIRCASE CALCULATION (AS PER GROSS AREA)				
16TH FLOOR				
	GROSS AREA (SQ.M)	POPOULATION	STAIRCASE WIDTH REQUIRED (MM)	STAIRCASE WIDTH PROPOSED (MM)
OFFICE SPACE @ 10 SQ.M PP	1939.14	193.91		
TOTAL POPULATION		194	1939.140	3000



COMMON TOILET_PART SECTION
SCALE-1:50

DOOR/ WINDOW SCHEDULE (TOWER)						
S. NO.	TAGS	WIDTH	LINTEL	CILL	LOCATION	FIRE RATINGS
DOORS						
1	D1	2050	2400	0	INTERNAL SERVICES	
2	D2	1200	2400	0	EXTERNAL SERVICES	
3	D3	1550	2400	0	SHOP BACKSIDE ENTRY	2Hrs
4	D4	1200	2400	0		
5	D5	1050	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	900.03	0	0		
2	GL2	849.03	0	0		
3	GL3	67139	0	0		
4	GL4	56398	0	0		
5	GL5	45636	0	0		
6	GL6	43222	0	0		
7	GL7	34806	0	0		
8	GL8	32700	0	0		
9	GL9	32445	0	0		
10	GL10	32376	0	0		
11	GL11	32400	0	0		
12	GL12	32551	0	0		
13	GL13	31800	0	0		
14	GL14	24136	0	0		
15	GL15	24097	0	0		
16	GL16	23335	0	0		
17	GL17	22330	0	0		
18	GL18	21925	0	0		
19	GL19	20690	0	0		
20	GL20	14898	0	0		
21	GL21	14580	0	0		
22	GL22	14300	0	0		
23	GL23	13694	0	0		
24	GL24	13586	0	0		
25	GL25	11836	0	0		
26	GL26	10950	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	10133	0	0		
33	GL33	10000	0	0		
34	GL34	9930	0	0		
35	GL35	9425	0	0		
36	GL36	8075	0	0		
37	GL37	7916	0	0		
38	GL38	7893	0	0		
39	GL39	7854	0	0		
40	GL40	7833	0	0		
41	GL41	7768	0	0		
42	GL42	7697	0	0		
43	GL43	7521	0	0		
44	GL44	7500	0	0		
45	GL45	6800	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	6300	0	0	OFFICE+REFUGE FLOOR	2Hr
FIRE DOORS AND WINDOW						
1	FD1	1800	2400	0	FIRE EXIT (FOR ENTIRE FLOOR	2Hr
2	FD2	1200	2400	0	FIRE DOOR	2Hrs
3	FD2'	1200	2400	75	LIFT/MV SHAFT (LB-2)	2Hrs
4	FD3	1200	2400	75	LIFT/MV SHAFT	2Hrs
5	FD4	1200	2400	0	OFFICE ENTRY	2Hrs
6	FD5	2000	2400	0	RESTAURANT, AUDI, GYM	2Hrs
5	FWD1	1550	2400	450	FHC	2Hrs
6	FWD	900	2100	450	FHC	2Hrs
7	FGD1	1500	2400	0	ENTRANCE LOBBY ALL FLOORS	2Hrs
GLAZING OPENING						
1	OP1	1612	2200	1200	ALL FLOORS	
MOTORIZED OPENABLE WINDOW						
1	MW	1400	2400	1200	DOUBLE HEIGHT LOBBY	
2	MW1	2525	2400	1200	DOUBLE HEIGHT LOBBY BASEMENT & 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	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 BALCONY DRAIN 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-116

AD PA ATP
Rajesh Dutt SD(HQ)

Checked and found ok for Public Health Engineering Services only subject to comments in
TO BE READ WITH THIS OFFICE MEMO NO : 2119/0 DATED : 16/01/2026
Superintending Engineer (HQ) for Chief Engineer, PHE(SW), Faridabad

ADD. (HQ) Member BPAC
FSO. (HQ) Member BPAC

CLIENT
PURI CONSTRUCTION PVT. LTD.
4TH, 2ND&3D FLOOR, TOLSTOY HOUSE, TOLSTOY MARG, NEW DELHI-110001
PURI

STRUCTURES
Planning and Design Bureau
M- 31, Greater Kailash- II (Opp. Arya Samaj Mandir) New Delhi-110048
Ph.: 011-29210981, 011-41436775
Email: pdbcom@gmail.com

MEP
AECOM Integrate Building Consultants
A-122, 6th Floor, Sector 136, Noida- 201305
Ph.: 0120-4909526, 9871513027
Email: aakriti.pathria@aecomconsultants.in

ARCHITECTS
Accep Associates Pvt. Ltd.
Plot-363, Sec-32, Gurgaon-122001
Ph.: 26343000, 26747189
Montreal, Toronto, New-Delhi, Boston

PROJECT
Building plan of commercial Colony measuring land under TOD policy over an area measuring 3.386 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 Natureville 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.
16TH FLOOR PLAN	DG-AR-116