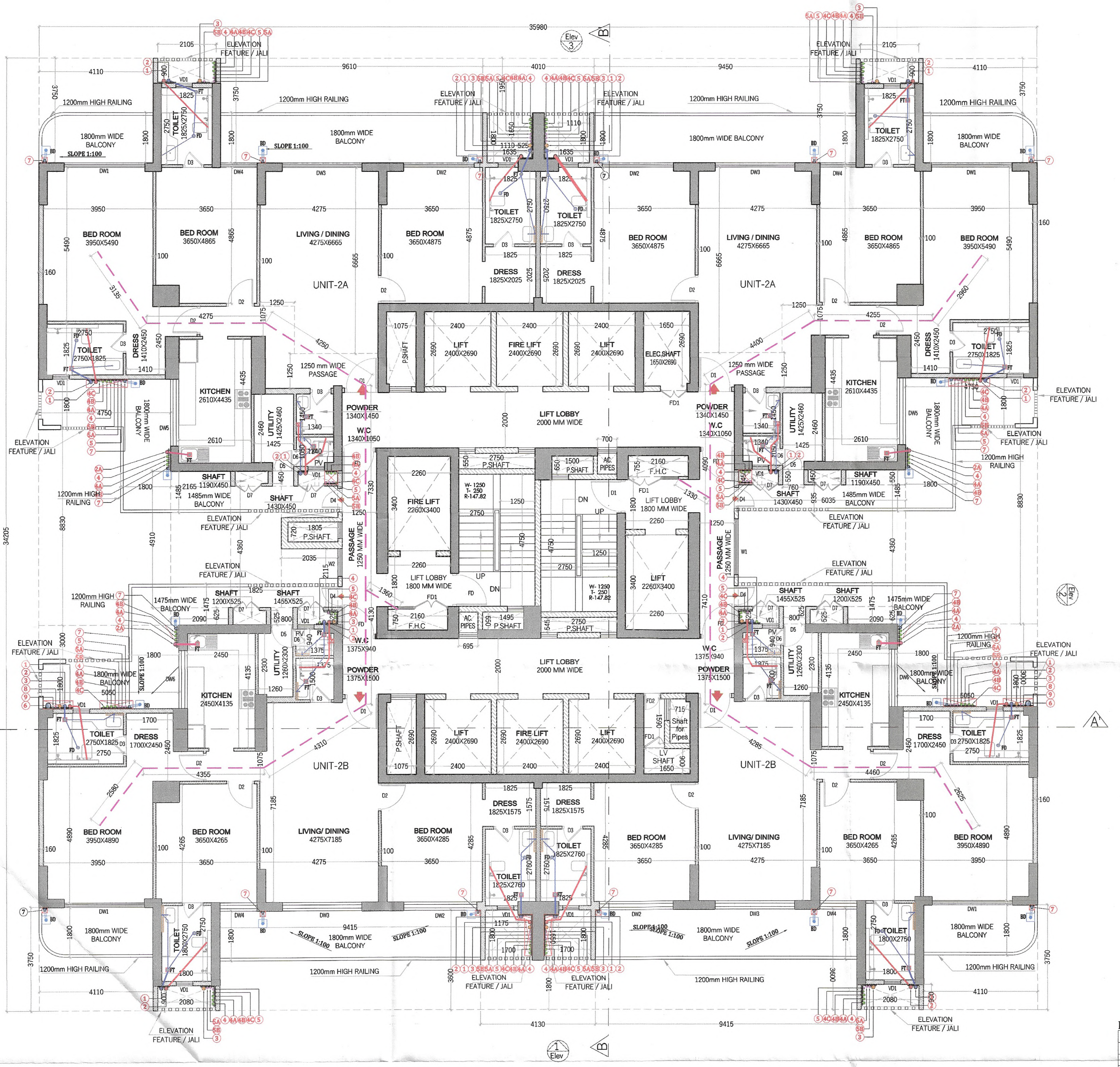
S.T.P. (HQ) Member Secretary B.P.A.C.   S.T.P. (G) Member B.P.A.C.   C.T.P. (HR) Chairman B.P.A.C.

DTP (HQ)   ATP(HQ)

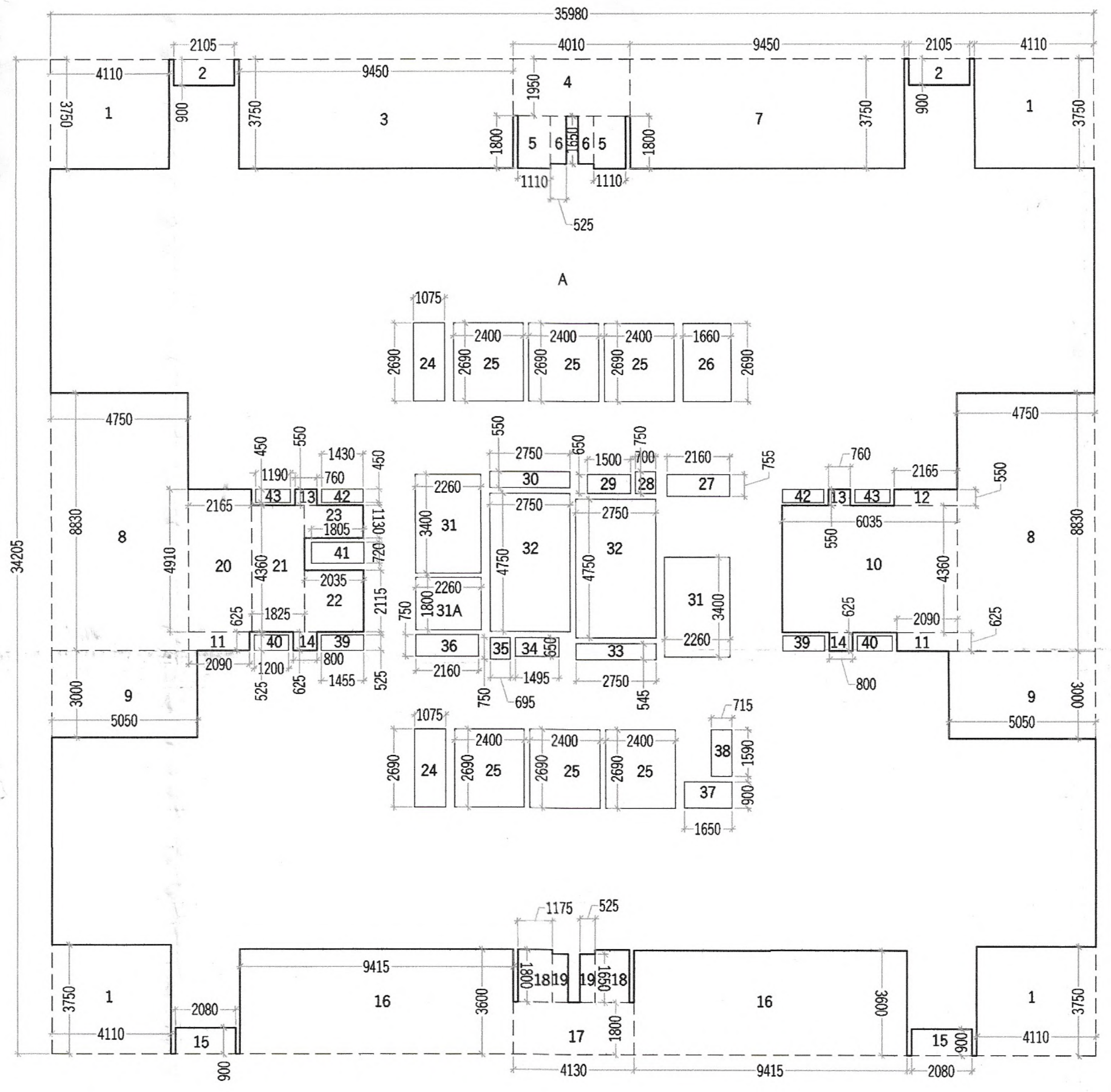
AD   PA   ATP   Varinder Kumar AD(HQ)

DDT(HQ) Member BPAC



35980
ELEVATION FEATURE / JALI
1200mm HIGH RAILING
1800mm WIDE BALCONY
SLOPE 1:100
TOILET 1825X2750
BED ROOM 3950X5490
BED ROOM 3650X4865
LIVING / DINING 4275X6665
BED ROOM 3650X4875
DRESS 1825X2025
UNIT-2A
TOILET 2750X1825
DRESS 1410X2450
KITCHEN 2610X4435
UTILITY 1425X2460
POWDER 1340X1450
W.C 1340X1050
1250 mm WIDE PASSAGE
P.SHAFT
LIFT 2400X2690
FIRE LIFT 2400X2690
ELEC.SHAFT 1650X2690
LIFT LOBBY 2000 MM WIDE
SHAFT 1190X450
SHAFT 1430X450
1485mm WIDE BALCONY
FIRE LIFT 2260X3400
LIFT 2260X3400
LIFT LOBBY 1800 MM WIDE
F.H.C
AC PIPES
PASSAGE 1250 MM WIDE
SHAFT 1200X525
SHAFT 1455X525
1475mm WIDE BALCONY
W.C 1375X940
POWDER 1375X1500
UTILITY 1260X2300
KITCHEN 2450X4135
TOILET 2750X1825
DRESS 1700X2450
UNIT-2B
BED ROOM 3950X4890
BED ROOM 3650X4265
LIVING/ DINING 4275X7185
BED ROOM 3650X4285
DRESS 1825X1575
TOILET 1825X2760
TOILET 1800X2750
LV SHAFT 1650
Shaft for Pipes
34205
Elev 1
Elev 2
Elev 3
Elev 4
A
A'
B

TYPICAL FLOOR PLAN
(1st to 15th, 17th to 23rd,25th to 32nd & 34th to 41st)



35980
A
1
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16
17

TYPICAL FLOOR AREA DIAGRAM

DOOR SCHEDULE

NO.	CIVIL OPENING	SILL LEVEL	LINTEL LVL	TYPE
FD	1200 X 2450	± 00 MM	+ 2450 MM	SINGLE SHUTTER FIRE RATED DOOR
FD1	1200 X 2100	+300 MM	+ 2450 MM	DOUBLE SHUTTER LOUVERED DOOR
FD2	600 X 2100	± 00 MM	+ 2450 MM	SINGLE SHUTTER FIRE RATED DOOR
D1	1200 X 2450	± 00 MM	+ 2450 MM	SINGLE SHUTTER FLUSHED DOOR
D2	900 X 2450	± 00 MM	+ 2450 MM	SINGLE SHUTTER FLUSHED DOOR
D3	750 X 2100	± 00 MM	+ 2100 MM	SINGLE SHUTTER FLUSHED DOOR
D4	750 X 2450	± 00 MM	+ 2450 MM	SINGLE SHUTTER FLUSHED DOOR
D5	800X 2450	± 00 MM	+ 2450 MM	SINGLE SHUTTER FLUSHED DOOR
D6	600 X 2450	± 00 MM	+ 2450 MM	SINGLE SHUTTER FLUSHED DOOR
D7	950 X 2450	+300 MM	+ 2450 MM	DOUBLE SHUTTER LOUVERED DOOR

WINDOW SCHEDULE

NO.	CIVIL OPENING	SILL LEVEL	LINTEL LVL	TYPE
W1	2000X1800	+ 900 MM	+ 2700 MM	2 PANEL OPENABLE WINDOW
W2	1000X1800	+ 900 MM	+ 2700 MM	1 PANEL OPENABLE WINDOW
DW1	2900 X 2700	± 00 MM	+ 2700 MM	4 TRACK SLIDING WINDOW
DW2	2550 X 2700	± 00 MM	+ 2700 MM	4 TRACK SLIDING WINDOW
DW3	2875 X 2700	± 00 MM	+ 2700 MM	4 TRACK SLIDING WINDOW
DW4	1325 X 2700	± 00 MM	+ 2700 MM	2 TRACK SLIDING WINDOW
DW5	750 X 2700/ 1650 X1750	± 000 MM + 950 MM	+ 2700 MM	2 PANEL OPENABLE WINDOW
DW6	750 X 2700/ 1350 X1750	± 000 MM + 950 MM	+ 2700 MM	2 PANEL OPENABLE WINDOW
VD1	600 X 1200	+ 1250 MM	+ 2450 MM	LOUVERED WINDOW

TOTAL F.A.R. AREA			
FLOOR TITLE	NOS.	TYPICAL FL.	TOTAL FAR
GROUND FL.	1	387.089	387.089
TYPICAL FL.	38	711.710	27044.980
REFUGE FL.(15,24,33&42)	4	711.710	2846.840
TOTAL F.A.R.			30,278.909

TOTAL BUILT-UP	
	AREA
TOTAL F.A.R.	30,278.909
AREA UNDER STILT	543.554
STAIRCASE AREA (26.125 X 42)	1,097.250
FIRE TOWER LIFT LOBBY AREA (4.068 x42)	170.856
MUMTY AREA	234.893
REFUGE TERRACE AREA (FOUR FL.)	141.569
TOTAL BUILT UP AREA	32,467.031

TYPICAL FLOOR F.A.R. AREA					
ADDITION					
S.N.O.	NO.	PREFIX	BREATH	LENGTH	AREA
A	1	1	35.980	34.205	1,230.696
TOTAL ADDITION					1,230.696
SUBTRACTIONS					
1	4	1	4.110	3.750	61.650
2	2	1	2.105	0.900	3.789
3	1	1	9.450	3.750	35.438
4	1	1	4.010	1.950	7.820
5	2	1	1.110	1.800	3.996
6	2	1	0.525	1.650	1.733
7	1	1	9.450	3.750	35.438
8	2	1	4.750	8.830	83.885
9	2	1	5.050	3.000	30.300
10	1	1	6.035	4.360	26.313
11	2	1	2.090	0.625	2.613
12	1	1	2.165	0.550	1.191
13	2	1	0.760	0.550	0.836
14	2	1	0.800	0.625	1.000
15	2	1	2.080	0.900	3.744
16	2	1	9.415	3.600	67.788
17	1	1	4.130	1.800	7.434
18	2	1	1.175	1.800	4.230
19	2	1	0.525	1.650	1.733
20	1	1	2.165	4.910	10.630
21	1	1	1.825	4.360	7.957
22	1	1	2.035	2.115	4.304
23	1	1	2.035	1.130	2.300
24	2	1	1.075	2.690	5.784
25	6	1	2.400	2.690	38.736
26	1	1	1.660	2.690	4.465
27	1	1	2.160	0.755	1.631
28	1	1	0.700	0.750	0.525
29	1	1	1.500	0.650	0.975
30	1	1	2.750	0.550	1.513
31	2	1	2.260	3.400	15.368
31A	1	1	2.260	1.800	4.068
32	2	1	2.750	4.750	26.125
33	1	1	2.750	0.545	1.499
34	1	1	1.495	0.650	0.972
35	1	1	0.695	0.750	0.521
36	1	1	2.160	0.750	1.620
37	1	1	1.650	0.900	1.485
38	1	1	0.715	1.590	1.137
39	2	1	1.455	0.525	1.528
40	2	1	1.200	0.525	1.260
41	1	1	1.805	0.720	1.300
42	2	1	1.430	0.450	1.287
43	2	1	1.190	0.450	1.071
TOTAL SUBTRACTIONS					518.986
TYPICAL FLOOR F.A.R. AREA					711.710

NOTES:-
- FD,FD1,FD2,D1 ARE 2HR FIRE RATED
- ALL INTERNAL AND EXTERNAL WALLS ARE R.C.C.

▨ STRUCTURAL MEMBER

▨ NON STRUCTURAL MEMBER

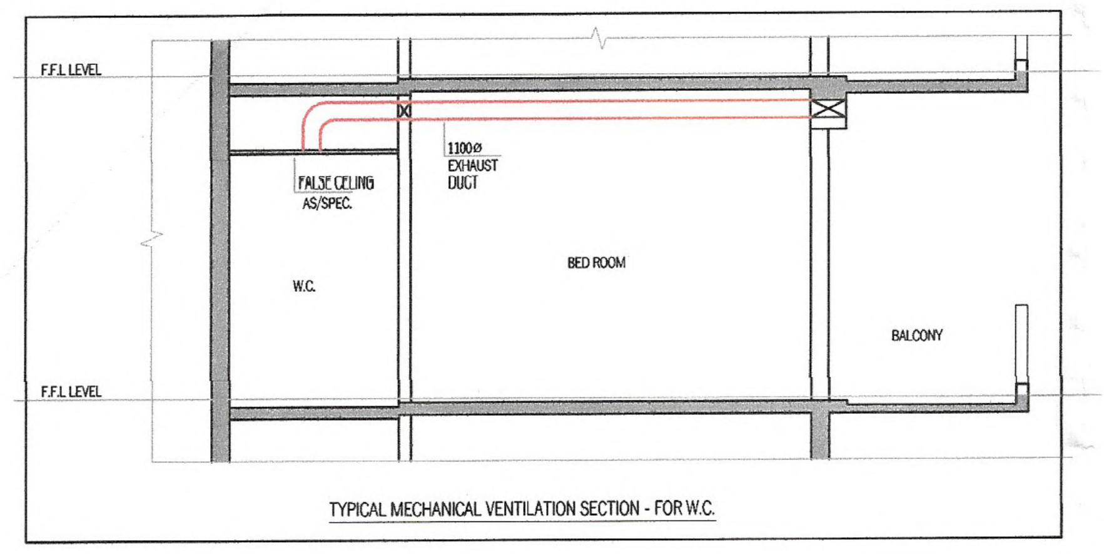
- ALL INTERNAL WALLS ARE OF 100mm AND EXTERNAL WALLS 150mm NON STRUCTURAL
- W.C. ARE ARTIFICIALLY LIT AND MECHANICALLY VENTILATED.
- P.R. = POWER ROOM
- LV SHAFT = LOW VOLTAGE SHAFT
- F.H.C. = FIRE HOSE CABINET

LEGEND :

S.No.	SYMBOL	TAG	DESCRIPTION :
01	●	[1]	110 OD SOIL PIPE
02	●	[2]	110 OD WASTE PIPE
03	●	[2A]	110 OD WASTE PIPE FOR KITCHEN
04	●	[3]	100Ø ANTISIPHONAGE PIPE
05	●	[4]	DOMESTIC WATER SUPPLY PIPE (GRAVITY)
06	●	[4A]	DOMESTIC WATER SUPPLY PIPE (GRAVITY)
07	●	[4B]	DOMESTIC WATER SUPPLY PIPE (GRAVITY)
08	●	[4C]	DOMESTIC WATER SUPPLY PIPE (HYRDO.)
09	●	[5]	FLUSHING WATER SUPPLY PIPE (GRAVITY)
10	●	[5A]	FLUSHING WATER SUPPLY PIPE (GRAVITY)
11	●	[5B]	FLUSHING WATER SUPPLY PIPE (GRAVITY)
12	●	[6]	160 OD RAIN WATER PIPE
13	●	[7]	110 OD BALCONY DRAIN PIPE
14	●	[8]	80Ø DOMESTIC WATER TANK FILLING LINE
15	●	[9]	50Ø FLUSHING WATER TANK FILLING LINE
16	◍	FD	FLOOR DRAIN
17	⊗	FT	FLOOR TRAP
18	▣	BD	BALCONY DRAIN

PIPE SCHEDULE :

S.No.	PIPE DIA:	DESCRIPTION :
01	40Ø	WASH BASIN TO FLOOR TRAP
02	63 OD	FLOOR DRAIN TO FLOOR TRAP
03	75 OD	BALCONY DRAIN TO VERTICAL STACK
04	110 OD	FLOOR TRAP TO VERTICAL STACK
05	110 OD	WATER CLOSET TO VERTICAL STACK



F.F.L LEVEL
F.F.L LEVEL
FALSE CEILING AS/SPEC.
110Ø EXHAUST DUCT
W.C.
BED ROOM
BALCONY

TYPICAL MECHANICAL VENTILATION SECTION - FOR W.C.

TYPICAL MECHANICAL VENTIALTION CALCULATION FOR W.C.								
S.NO.	LOCATION	AREA (SQ.FT.)	HEIGHT (FT.)	VOLUME (CU.FT.)	DESIGN CFM CFM	SECECTED EXHAUST FAN	FAN SIZE LXBXH (MM)	EXHAUST DUCT SIZE DIAMETER (mm)
1	TYPICAL MECHANICAL VENTIALTION FOR WC							
1.1	WC	43	9.2	395	79	1 # 100 CFM CASSETTE IN LINE FAN	270x270x171	110 (OD)

Checked and found ok for Public Health (Internal) Service only sub... to comments in in forwarding letter No. 108416 Dt 29/4/2024

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

SANCTIONED
TO BE READ WITH THIS OFFICE
MEMO NO.:
DATED :

MEP CONSULTANT:
SANELAC CONSULTANTS PVT LTD.
C-64/2, Okhla Industrial Area, Phase II, New Delhi, Delhi 110020.
Tel. 011 40503959

STRUCTURAL CONSULTANT:
VITNTECH CONSULTANTS
CONSULTANT ENGINEERS & PROJECT MANAGERS
C-35, Pamposh Enclave. Great Kailash-I, New Delhi-1100148.
Tel. 43141516, Fax. 26296767 Email :-vintech@vintechconsultants.com

CLIENT:
WHITELAND
M/s. Whiteland Corporation Private Limited.

DESIGN CONSULTANT :
Architect Hafeez Contractor
29 Bank Street, Fort, Mumbai 400 023 Tel : 2266 1920

PROJECT:-

PROPOSED BUILDING PLAN FOR MIXED LAND USE COLONY (98% RESIDENTIAL COMPONENT & 2% COMMERCIAL COMPONENT) UNDER TOD POLICY FOR THE AREA MEASURING 9.58125 ACRES (LICENSE NO.263 OF 2023 DATED 12-12-2023) IN SECTOR- 103, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY WHITELAND CORPORATION PVT. LTD.

OWNERS SIGNATURE:-
Whiteland Corporation Private Limited
Authorised Signatory

ARCHITECT SIGNATURE:-
Ar. VIKKEY
CA-2017-86236

DRAWING TITLE : (TOWER-2 , 3 & 4)
TYPICAL FLOOR PLAN
FLOOR PLAN & AREA CAL.

DATE:- APR.-2024
SCALE:- 1:100 (A1)
N ⇨
SHEET NO. T- 2- P - 2