

Checked and found ok for Public Health
(Internal) Service only subject to comments in
in forwarding letter No. 108416...Dy. 24/4/2024

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

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

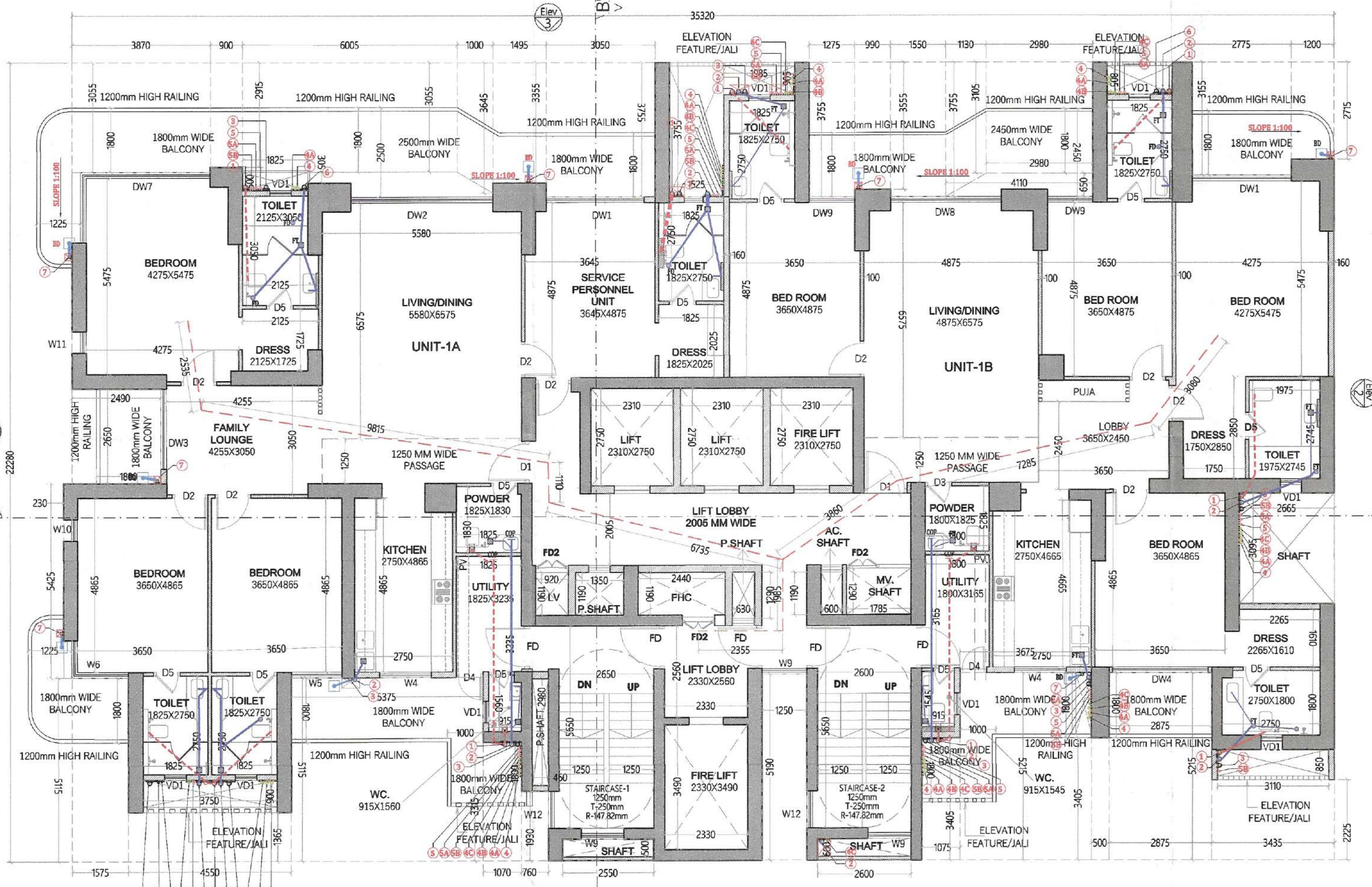
W. K. S. P. (HQ)
Member Secretary
B.P.A.C.
S.T.P. (HQ)
Member Secretary
B.P.A.C.
S.T.P. (HQ)
Member Secretary
B.P.A.C.

DTP (HQ)
ATP (HQ)

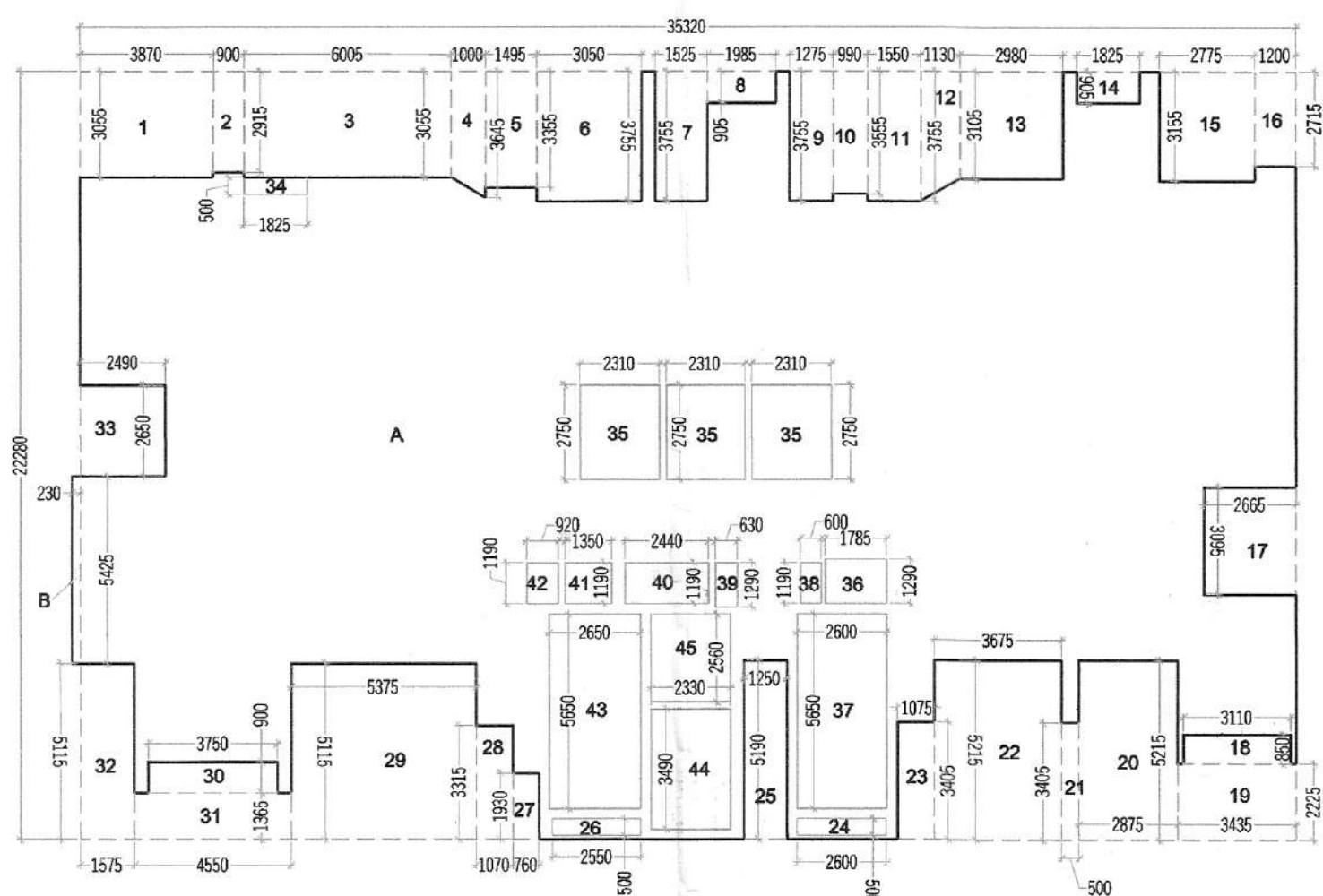
Varinder Kumar
AD (HQ)

AD
PA
ATP

DOOR SCHEDULE			
NO.	CIVIL OPENING	SILL LEVEL	UNTEL LVL
FD1	1200 X 2400	+0.00 MM	+2400 MM
FD2	1200 X 2400	+0.00 MM	+2400 MM
D1	1200 X 2400	+0.00 MM	+2400 MM
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D98	1200 X 2400	+0.00 MM	+2400 MM
D99	1200 X 2400	+0.00 MM	+2400 MM
D100	1200 X 2400	+0.00 MM	+2400 MM



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



TYPICAL FLOOR AREA DIAGRAM

TYPICAL FLOOR AREA DETAIL					
S.N.O.	NO.	PREFIX	BREATH	LENGTH	AREA
A	1	1	35.370	22.280	786.930
B	1	1	0.230	5.425	1.248
TOTAL ADDITION					788.177
SUBTRACTIONS					
1	1	1	3.870	3.055	11.823
2	1	1	0.900	2.915	2.624
3	1	1	6.005	3.055	18.345
4	1	1	(3.055+3.645)/2	1.000	3.350
5	1	1	1.495	3.355	5.016
6	1	1	3.050	3.755	11.453
7	1	1	1.525	3.755	5.726
8	1	1	1.985	0.905	1.796
9	1	1	1.275	3.755	4.788
10	1	1	0.990	3.555	3.519
11	1	1	1.550	3.755	5.820
12	1	1	1.130	3.755	4.243
13	1	1	2.980	3.105	9.253
14	1	1	1.825	0.905	1.652
15	1	1	2.775	3.155	8.755
16	1	1	1.200	2.715	3.258
17	1	1	2.665	3.095	8.248
18	1	1	3.110	0.850	2.644
19	1	1	3.435	2.275	7.643
20	1	1	2.875	5.215	14.993
21	1	1	0.500	3.405	1.703
22	1	1	3.675	5.215	19.165
23	1	1	1.075	3.405	3.660
24	1	1	2.600	0.500	1.300
25	1	1	1.250	5.190	6.488
26	1	1	2.540	0.500	1.275
27	1	1	0.760	1.930	1.467
28	1	1	1.070	3.315	3.547
29	1	1	5.375	5.115	27.493
30	1	1	3.750	0.900	3.375
31	1	1	4.550	1.365	6.211
32	1	1	1.575	5.115	8.056
33	1	1	2.490	2.650	6.599
34	1	1	1.825	0.500	0.913
35	3	1	2.310	2.750	19.058
36	1	1	1.785	1.290	2.303
37	1	1	2.600	5.650	14.690
38	1	1	0.600	1.190	0.714
39	1	1	0.630	1.290	0.813
40	1	1	2.440	1.190	2.904
41	1	1	1.350	1.190	1.607
42	1	1	0.920	1.190	1.095
43	1	1	2.650	5.650	14.973
44	1	1	2.330	3.490	8.132
45	1	1	2.330	2.560	5.965
SUBTRACTIONS					298.450
TOTAL TYPICAL FLOOR F.A.R.					489.728

REFUGE FLOOR F.A.R. AREA					
S.N.O.	NO.	PREFIX	BREATH	LENGTH	AREA
A	1	1	1.250	5.190	6.488
B	1	1	1.675	2.650	4.439
TOTAL ADDITION					494.166
TOTAL REFUGE FLOOR F.A.R. AREA					494.166

- NOTES:-
- 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
 - W.C. ARE ARTIFICIALLY LIT AND MECHANICALLY VENTILATED.
 - P.R. = POWER ROOM
 - LV SHAFT = LOW VOLTAGE SHAFT
 - F.H.C. = FIRE HOSE CABINET

MEP CONSULTANT:
SANELAC CONSULTANTS PVT. LTD.
C-44/2, Chitra Industrial Area, Phase II, New Delhi, Delhi 110020.
Tel. 011 40039959

STRUCTURAL CONSULTANT:
VINTECH CONSULTANTS
CONSULTANT ENGINEERS & PROJECT MANAGERS
C-35, Pomphos Enclave, Great Kalindi, New Delhi-110048.
Tel. 43141516, Fax. 26297677 Email: vintech@vintechconsultants.com

CLIENT:
M/s. Whiteland Corporation Private Limited.

DESIGN CONSULTANT:
Architect Hafeez Contractor
29 Bank Street, Fort, Mumbai 400 023 Tel : 2286 1920

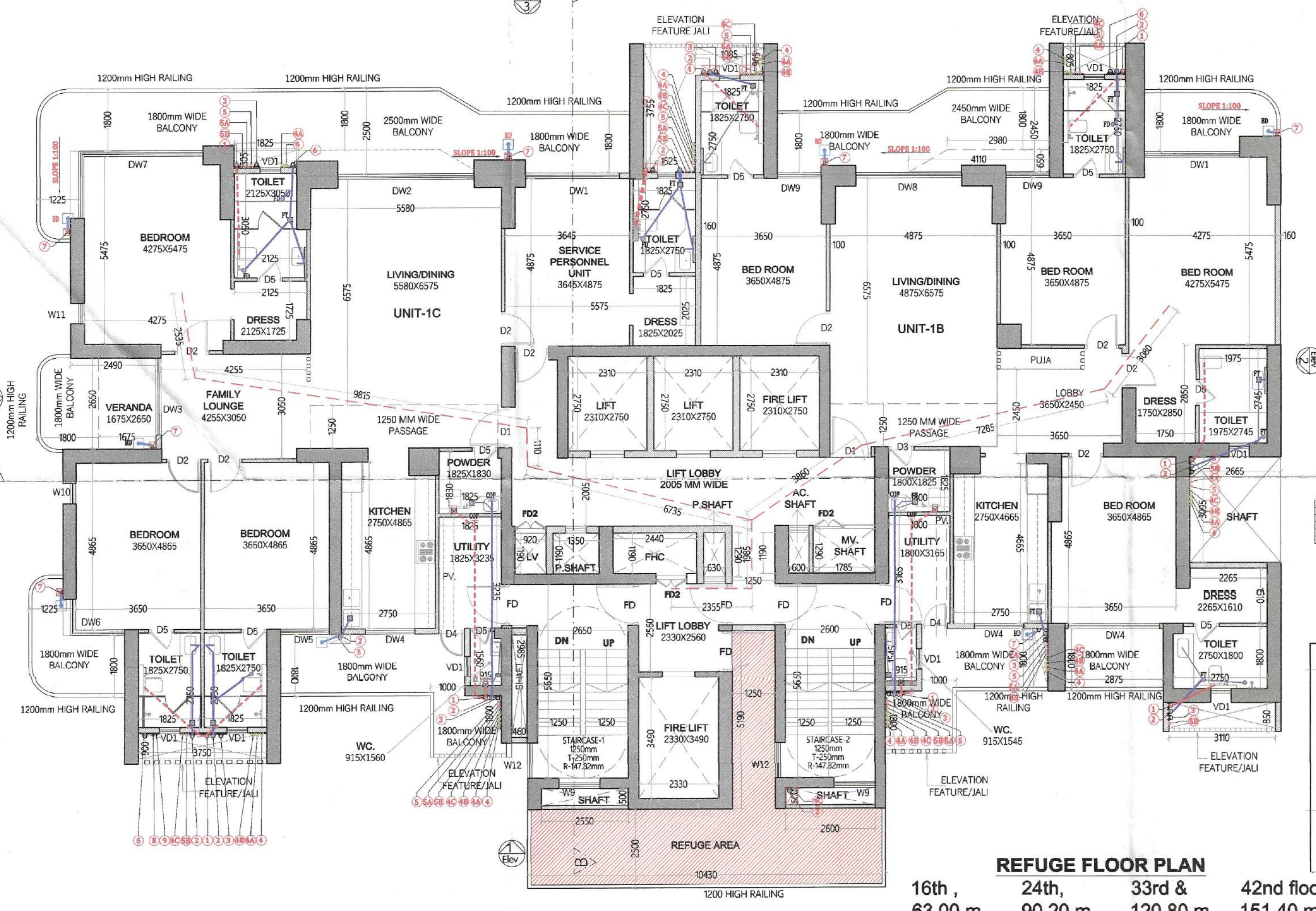
PROJECT:-
PROPOSED BUILDING PLAN FOR MIXED LAND USE COLONY (98% RESIDENTIAL COMPONENT & 2% COMMERCIAL COMPONENT) UNDER TOD POLICY FOR THE AREA MEASURING 9.58125 ACRES (LICENSE NO.263 OF 2023 DATED 12-12-2023) IN SECTOR- 103, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY WHITELAND CORPORATION PVT.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

OWNERS SIGNATURE:- ARCHITECT SIGNATURE:-

Whiteland Corporation Private Limited
Authorised Signatory
M. HIKKEY
Off No. 312, 4th Floor, Sector 103, Gurugram

DRAWING TITLE : (TOWER-5)
TYP. FLOOR & REFUGE FLOOR
FLOOR PLAN & AREA CAL.

DATE:- APR-2024
SCALE:- 1:100 (A1)
SHEET NO. T-5-P-2



REFUGE FLOOR PLAN

16th, 24th, 33rd & 42nd floor)
63.00 m 90.20 m 120.80 m 151.40 m

REFUGE FLOOR AREA DIAGRAM

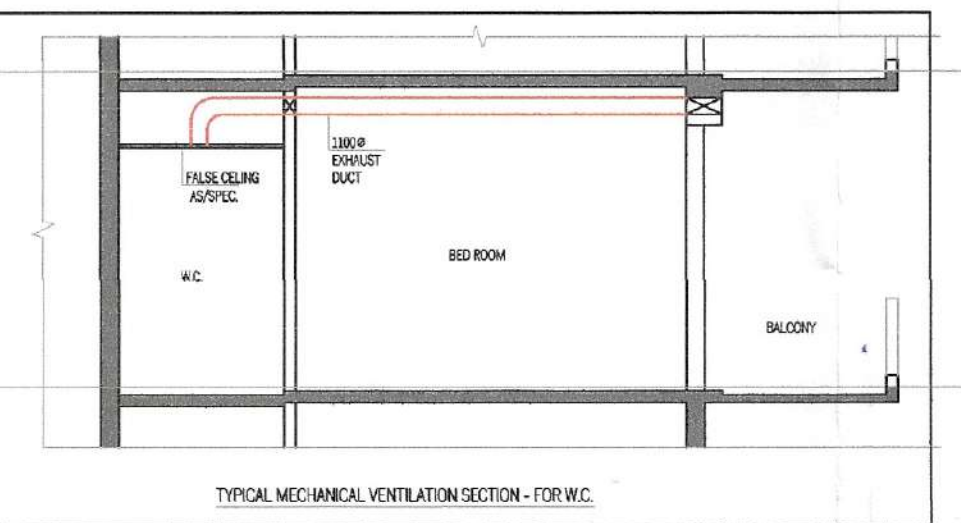
REQUIRED REFUGE TERRACE AREA
= (TYP. FL. AREA X 2)/(12.5'X0.3) + 0.9 SQ. MTS.
= (489.728X2)/(12.5'X0.3) + 0.9 SQ. MTS.
= 24.406 SQ. MTS.

REFUGE TERRACE AREA					
S.N.O.	NO.	PREFIX	BREATH	LENGTH	AREA
A	1	1	1.250	5.190	6.488
B	1	1	10.430	2.500	25.075
TOTAL ADDITION					32.563
TOTAL AREA					32.563

REFUGE TERRACE AREA DIAGRAM

SERVICE PERSONNEL UNIT AREA DIAGRAM

A = 5.570 x 4.875 = 27.153 Sq.mt.
TOTAL AREA = 27.153 SQ.MT.



TYPICAL MECHANICAL VENTILATION CALCULATION FOR W.C.							
S.NO.	LOCATION	AREA (SQ.FT.)	HEIGHT (FT.)	VOLUME (CU.FT.)	DESIGN CHM	SECT'D EXHAUST FAN	EXHAUST DUCT DIA (mm)
1	TYPICAL MECHANICAL VENTILATION FOR W.C.	43	3.2	365	79	1# 100CM CASSETTE LINE FAN	270x270x171
1.1	W.C.	43	3.2	365	79	1# 100CM CASSETTE LINE FAN	270x270x171