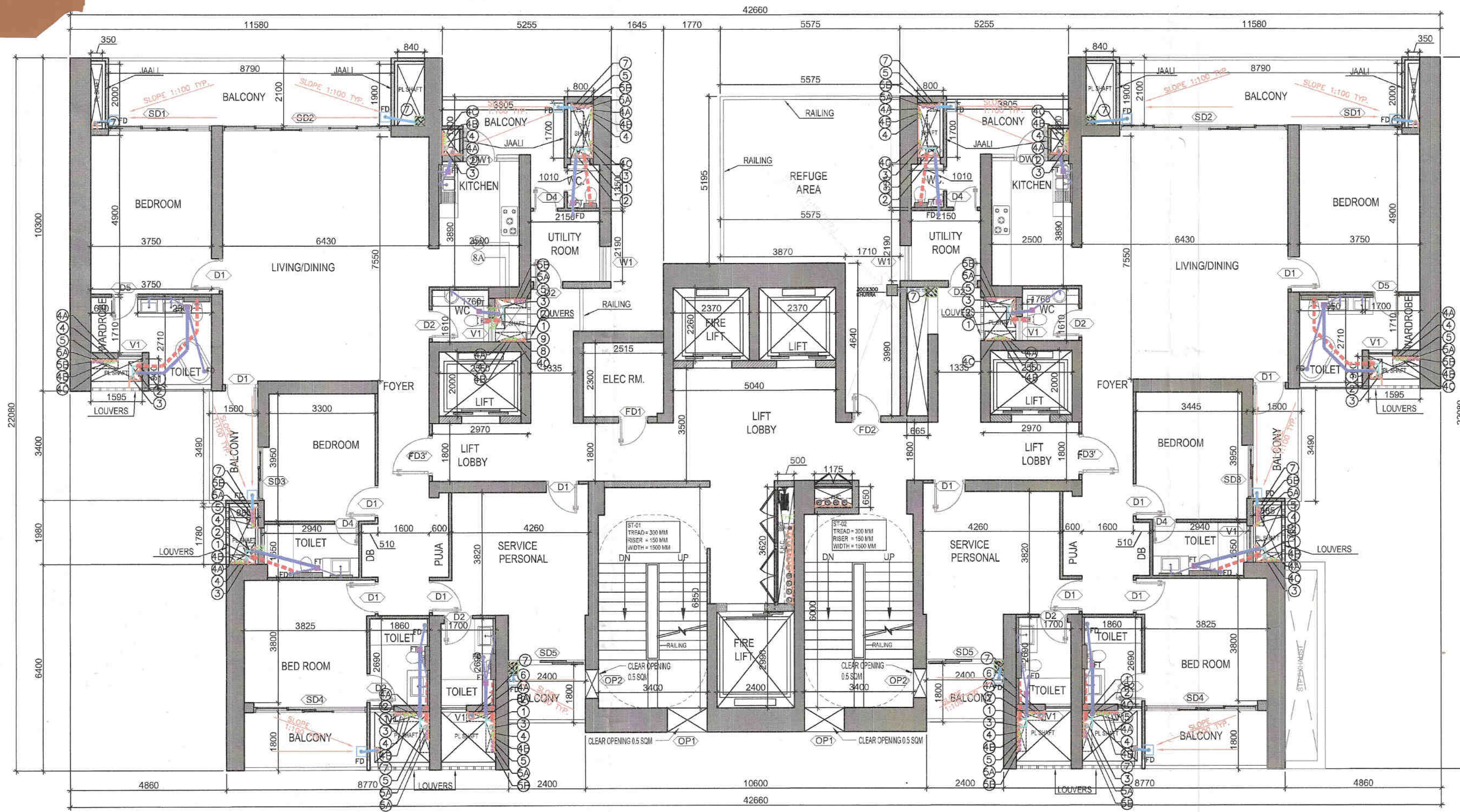
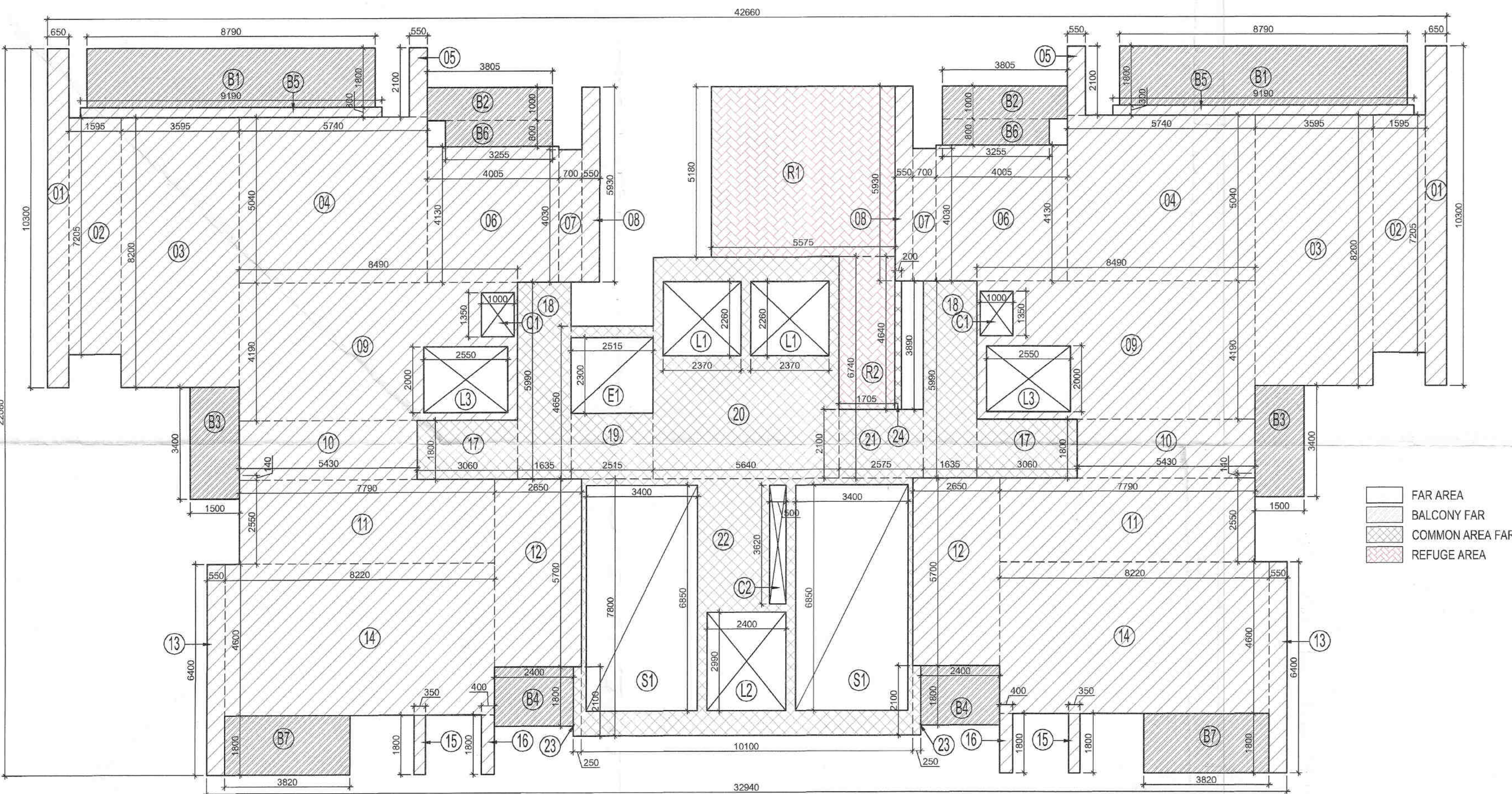




REFUGE FLOOR PLAN - 16TH, 24TH & 33RD FLOORS

SCALE: 1:100



REFUGE FLOOR AREA DIAGRAM

SCALE: 1:100

REFUGE AREA REQUIREMENT
 = (FLOOR PLATE AREA X 2 FLOORS X 0.3) / 12.5 + 0.9
 = (725.882 X 2 X 0.3) / 12.5 + 0.9
 = 35.74 SQM

SANCTIONED
 TO BE READ WITH THIS OFFICE
 MEMO NO.: 14925
 DATED: 20/05/2024

F.A.R. AREA CALCULATION FOR REFUGE FLOOR			
S.NO.	PARTICULARS	UNIT FAR	AREA (SQMT)
1	1 X 0.850	X 10.300	= 8.655
2	1 X 1.590	X 7.205	= 11.456
3	1 X 3.595	X 8.200	= 29.478
4	1 X 5.740	X 5.040	= 28.930
5	1 X 0.550	X 2.100	= 1.155
6	1 X 4.005	X 4.130	= 16.541
7	1 X 0.700	X 4.030	= 2.821
8	1 X 0.550	X 5.930	= 3.262
9	1 X 8.490	X 4.190	= 35.573
10	1 X 5.430	X 1.800	= 9.774
11	1 X 7.790	X 2.550	= 19.865
12	1 X 2.650	X 5.700	= 15.105
13	1 X 0.550	X 6.100	= 3.355
14	1 X 8.220	X 4.800	= 39.456
15	1 X 0.350	X 1.500	= 0.525
16	1 X 0.400	X 1.500	= 0.600
BS	1 X 9.190	X 0.300	= 2.757
TOTAL			225.703
Deductions			
C1	1 X 1.000	X 1.350	= 1.350
L3	1 X 2.550	X 2.000	= 5.100
TOTAL			6.450
TOTAL AREA (A)			219.253

COMMON AREA FAR			
S.NO.	PARTICULARS	UNIT FAR	AREA (SQMT)
17	2 X 3.060	X 1.800	= 11.016
18	2 X 1.635	X 5.990	= 19.587
19	1 X 2.515	X 4.650	= 11.695
20	1 X 5.840	X 6.740	= 39.354
21	1 X 2.575	X 2.100	= 5.408
22	1 X 10.100	X 7.800	= 78.780
23	2 X 0.250	X 2.100	= 1.050
24	1 X 0.200	X 3.890	= 0.778
TOTAL			166.327
Deductions			
C2	1 X 0.500	X 3.820	= 1.910
E1	1 X 2.515	X 2.300	= 5.785
L1	2 X 2.370	X 2.280	= 10.712
L2	1 X 2.400	X 2.990	= 7.176
S1	2 X 3.400	X 6.650	= 45.580
TOTAL			72.063
TOTAL AREA (B)			94.264
TOTAL AREA (2A+B)			532.771

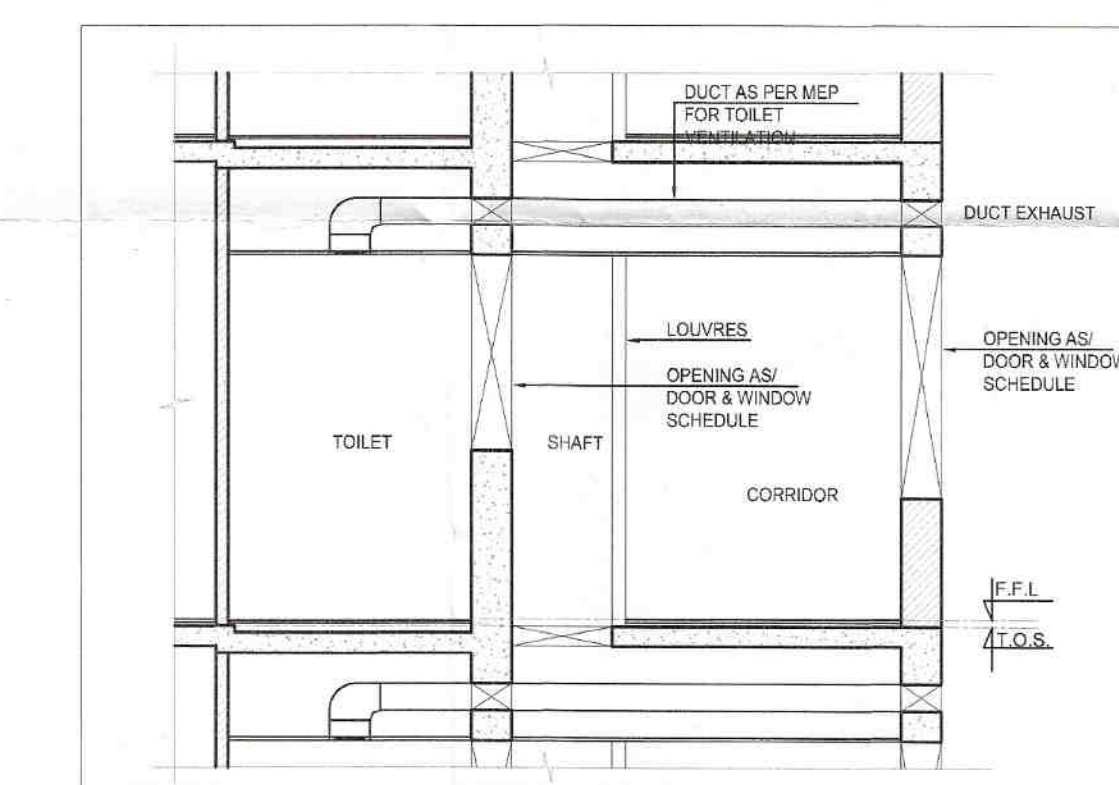
BUILT-UP AREA CALCULATION FOR REFUGE FLOOR			
S.NO.	PARTICULARS	UNIT BUA	AREA (SQMT)
1	1 X 0.850	X 10.300	= 8.655
2	1 X 1.590	X 7.205	= 11.456
3	1 X 3.595	X 8.200	= 29.478
4	1 X 5.740	X 5.040	= 28.930
5	1 X 0.550	X 2.100	= 1.155
6	1 X 4.005	X 4.130	= 16.541
7	1 X 0.700	X 4.030	= 2.821
8	1 X 0.550	X 5.930	= 3.262
9	1 X 8.490	X 4.190	= 35.573
10	1 X 5.430	X 1.800	= 9.774
11	1 X 7.790	X 2.550	= 19.865
12	1 X 2.650	X 5.700	= 15.105
13	1 X 0.550	X 6.100	= 3.355
14	1 X 8.220	X 4.800	= 39.456
15	1 X 0.350	X 1.500	= 0.525
16	1 X 0.400	X 1.500	= 0.600
BS	1 X 9.190	X 0.300	= 2.757
TOTAL			225.703
Deductions			
C1	1 X 1.000	X 1.350	= 1.350
L3	1 X 2.550	X 2.000	= 5.100
TOTAL			6.450
TOTAL AREA (A)			219.253

COMMON AREA BUA			
S.NO.	PARTICULARS	UNIT BUA	AREA (SQMT)
17	2 X 3.060	X 1.800	= 11.016
18	2 X 1.635	X 5.990	= 19.587
19	1 X 2.515	X 4.650	= 11.695
20	1 X 5.840	X 6.740	= 39.354
21	1 X 2.575	X 2.100	= 5.408
22	1 X 10.100	X 7.800	= 78.780
23	2 X 0.250	X 2.100	= 1.050
24	1 X 0.200	X 3.890	= 0.778
TOTAL			166.327
Deductions			
C2	1 X 0.500	X 3.820	= 1.910
E1	1 X 2.515	X 2.300	= 5.785
L1	2 X 2.370	X 2.280	= 10.712
L2	1 X 2.400	X 2.990	= 7.176
S1	2 X 3.400	X 6.650	= 45.580
TOTAL			72.063
TOTAL AREA (B)			94.264
TOTAL AREA (2A+B)			532.771

REFUGE TERRACE BUA			
S.NO.	PARTICULARS	UNIT BUA	AREA (SQMT)
R1	1 X 5.575	X 5.180	= 28.879
R2	1 X 1.705	X 4.940	= 8.411
TOTAL			37.290
Deductions			
C9	1 X 0.500	X 3.820	= 1.910
L1	2 X 2.370	X 2.280	= 10.712
L2	1 X 2.400	X 2.990	= 7.176
TOTAL			19.898
TOTAL AREA (B)			183.418
TOTAL AREA (2A+B)			696.759

REFUGE FLOOR DOORS & WINDOWS OPENING SCHEDULE					
S.NO.	TYPE	WIDTH	HEIGHT	SILL LVL.	INTEL LVL.
1	D1	1000	2800	+0.00	+2800
2	D2	900	2800	+0.00	+2800
3	D3	1250	2800	+0.00	+2800
4	FD3	1250	2800	+0.00	+2800
5	D4	750	2800	+0.00	+2800
6	D5	800	2800	+0.00	+2800
7	SD1	3200	2800	+0.00	+2800
8	SD2	5240	2800	+0.00	+2800
9	SD3	1650	2800	+0.00	+2800
10	SD4	3500	2800	+0.00	+2800
11	SD5	2400	2800	+0.00	+2800
12	DW1	1050x700	2800x1550	+0.00/+1250	+2800
13	W1	1100	1900	+900	+2800
14	V1	750	1550	+1250	+2800
15	OP1	1250	1900	+900	+2800
16	OP2	900	1900	+900	+2800
17	FD1	900	2800	+0.00	+2800
18	FD2	900	2800	+0.00	+2800

REFUGE FLOOR LEVELS
 16TH FLOOR - +62400MM F.F.L.
 24TH FLOOR - +91200MM F.F.L.
 33RD FLOOR - +123600MM F.F.L.



TYPICAL MECHANICAL VENTILATION CALCULATION FOR W.C.					
S.NO.	LOCATION	AREA (SQFT)	HEIGHT (FT.)	VOLUME (CU FT.)	DESIGN CFM
01	WC	30.5	8'-6"	259.25	80

PIPE DIA'S		DESCRIPTION
1	WB. TO FT	40 OD
2	FD. TO FT	63 OD
3	URINAL TO UT	50 OD
4	FT. TO VERTICAL STACK/ HORIZONTAL	110 OD
5	WC. TO VERTICAL STACK/ HORIZONTAL	110 OD
6	UT. TO VERTICAL STACK/ HORIZONTAL	110 OD

Sanctioned
 TO BE READ WITH THIS OFFICE
 MEMO NO.: 14925
 DATED: 20/05/2024

Checked and found ok for Public Health
 (Internal) Service only subject to comments in
 in forwarding letter No. 99284...DU.19/04/2024

OWNER SIGN
 ARCHITECT SIGN

REVISION
 DATE
 DESCRIPTION
 BY

DRAWING FOR:-
 FOR SITE CO-ORDINATION
 FOR TENDER PURPOSE
 FOR APPROVAL ONLY
 FOR ADVANCE COPY
 GOOD FOR CONSTRUCTION

CLIENT

Proposed Group Housing colony
 measuring 22.50 Acres (Licence no. 9
 of 2010 dated 23.01.2010) in Sec.-71,
 Gurugram Manesar urban complex
 being developed by Signature Global
 India Ltd., 13th Floor, Dr. Gopal Das
 Bhavan, 28 Barakhamba Road,
 Cannaught Place, New Delhi, 110001.

DATE
 PROJECT INCHARGE
 CHECKED BY
 SCALE
 DEALT BY
 APPROVED BY

DRAWING TITLE
**TOWER T2,T3,T4,T5,T6 -
 REFUGE FLOOR - 16,24,33**

CONSULTANTS
 STRUCTURE : VINTECH CONSULTANTS
 MEP : SANELAC CONSULTANTS PVT LTD.
 LANDSCAPE : NMP DESIGN

ARCHITECT:
Confluence
 NEW DELHI, INDIA

DRAWING NO.
S-18

ARCHITECTURE