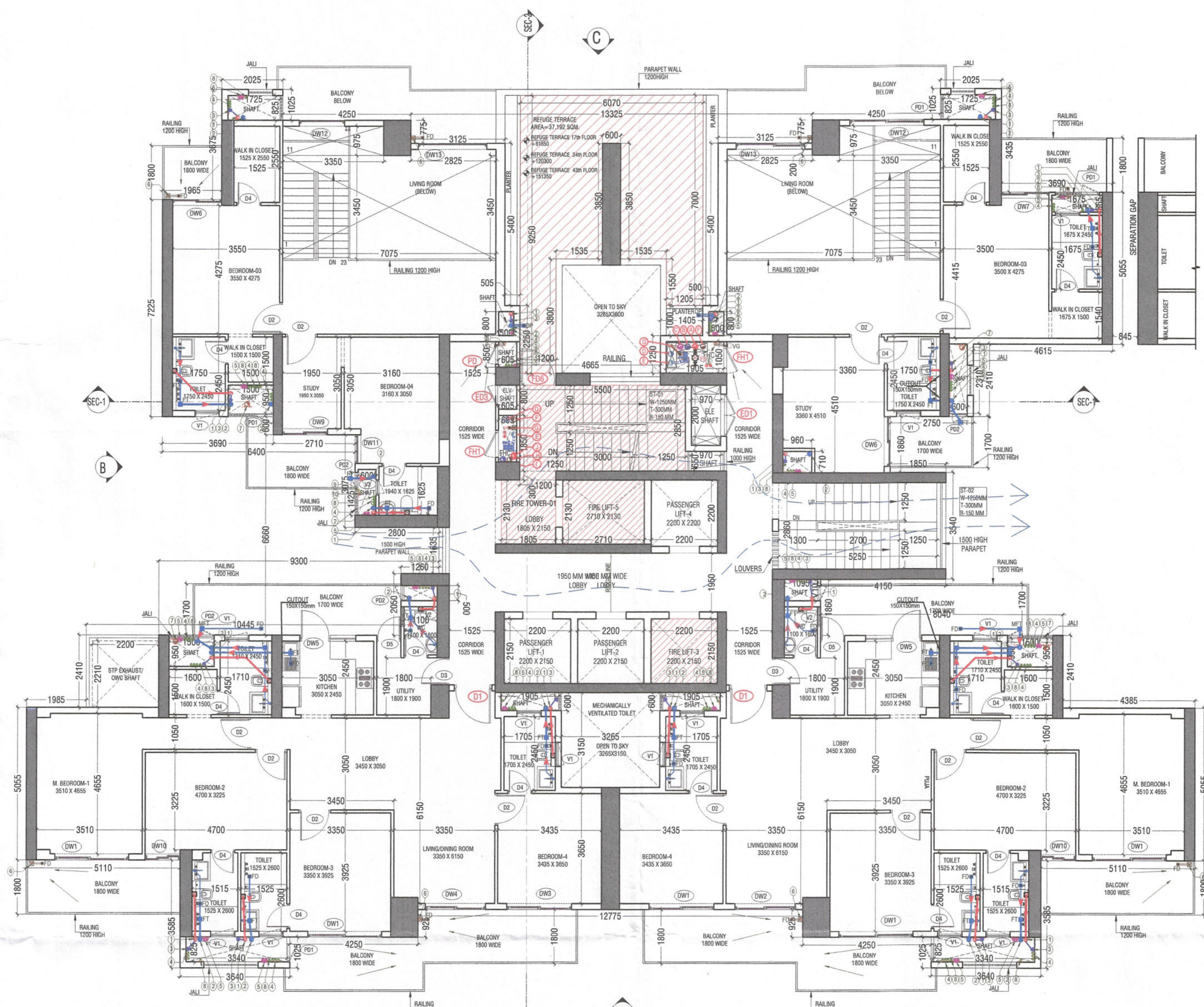
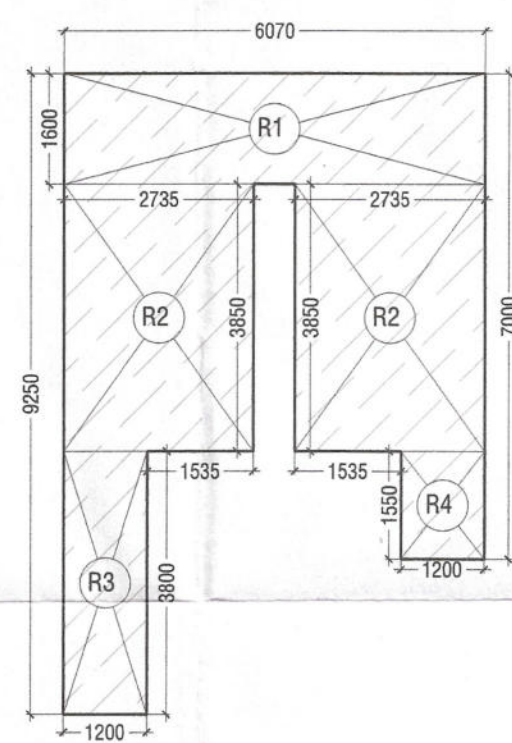




TOWER-01_DUPLEX (UPPER LEVEL) REFUGE FLOOR
17th, 34th & 43rd FLOOR PLAN

REFUGE AREA CALCULATION

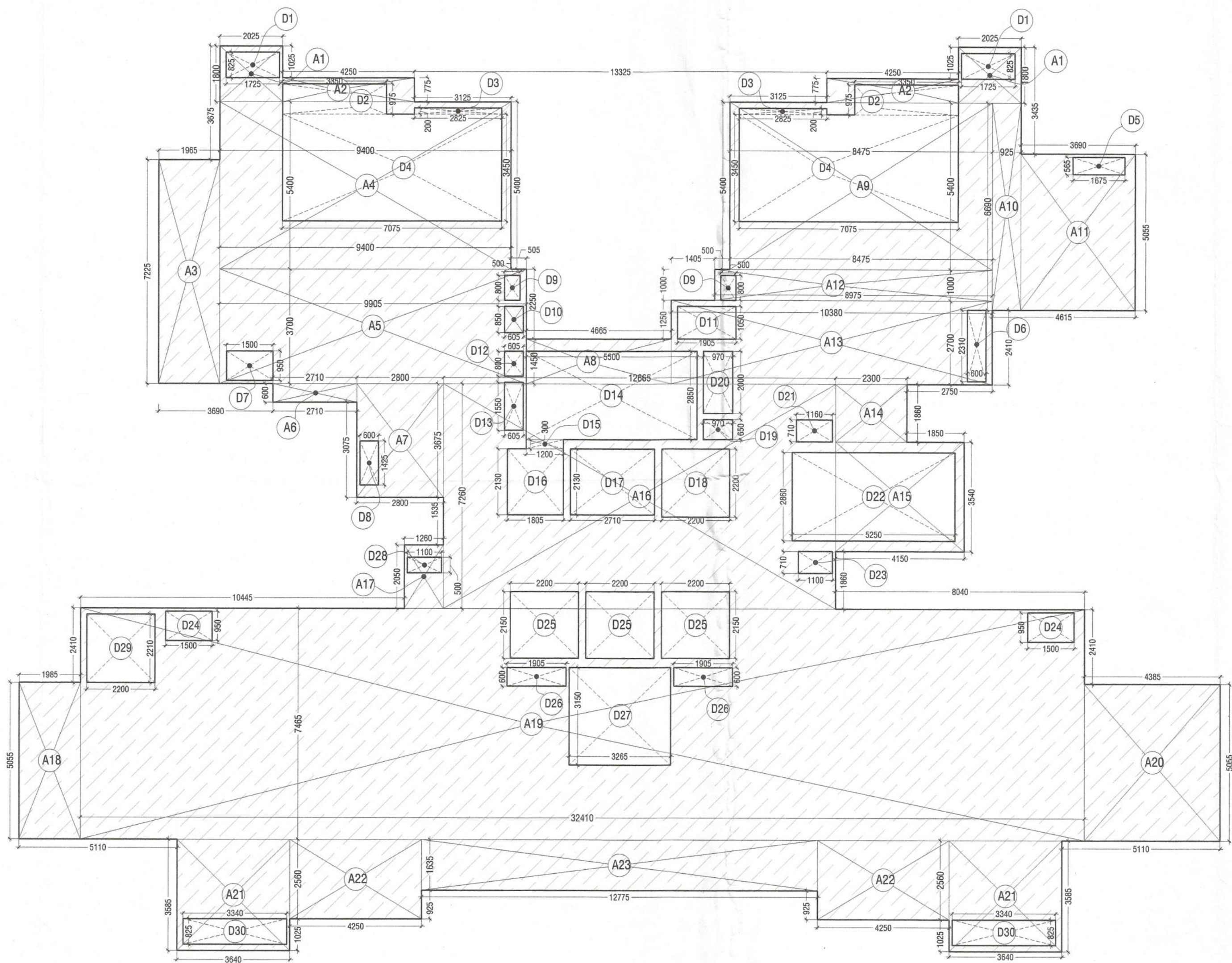
GROSS AREA OF TWO CONSECUTIVE FLOORS = 743.986 + 743.986 = 1487.972 SQM
NO OF OCCUPANTS ON 17TH & 18TH FLOOR = 1487.972/12.5 = 119.037 SAY 119 PERSONS
REFUGE AREA REQUIRED = 119 X 0.3 = 35.711 SQM
ADDITIONALLY FOR WHEELCHAIR SPACE = + 0.9 SQM
TOTAL REFUGE AREA REQUIRED = 35.711 + 0.9 = 36.611 SQM
REFUGE AREA PROVIDED = 37.192 SQM



REFUGE AREA DIAGRAM

REFUGE AREA CALCULATIONS				
S. No.	WIDTH	LENGHT	NOS.	AREA IN SQMT
ADDITIONS (A)				
R1	6.070	1.600	1	9.712
R2	2.735	3.850	2	21.060
R3	1.200	3.800	1	4.560
R4	1.200	1.550	1	1.860
TOTAL ADDITION (A)				= 37.192
TOTAL REFUGE AREA (A) =				= 37.192

TOWER-01_DUPLEX (UPPER LEVEL) REFUGE 17th, 34th
& 43rd FLOOR AREA DIAGRAM



DUPLEX (UPPER LEVEL) REFUGE FLOOR FAR AREA CALCULATIONS				
S. No.	WIDTH	LENGHT	NOS.	AREA IN SQMT
ADDITIONS (A)				
A1	2.025	1.800	2	7.290
A2	4.250	0.755	2	6.418
A3	1.965	7.225	1	14.197
A4	9.400	5.400	1	50.760
A5	9.905	3.700	1	36.649
A6	2.710	0.600	1	1.626
A7	2.800	3.675	1	10.290
A8	4.665	1.450	1	6.764
A9	8.475	5.400	1	45.765
A10	0.925	6.690	1	6.188
A11	3.690	5.055	1	18.653
A12	8.975	1.000	1	8.975
A13	10.380	2.700	1	28.026
A14	2.300	1.850	1	4.278
A15	4.150	3.540	1	14.691
A16	12.665	7.260	1	91.948
A17	1.260	2.050	1	2.583
A18	1.985	5.055	1	10.034
A19	32.410	7.465	1	241.941
A20	4.385	5.055	1	22.166
A21	3.640	3.585	2	26.099
A22	4.250	2.560	2	21.760
A23	12.775	1.635	1	20.887
TOTAL ADDITION (A)				= 697.987
DEDUCTIONS (D)				
D1	1.725	0.825	2	2.846
D2	3.350	0.975	2	6.533
D3	2.825	0.200	2	1.130
D4	7.075	3.450	2	48.818
D5	1.675	0.565	1	0.946
D6	0.600	2.310	1	1.386
D7	1.500	0.950	1	1.425
D8	0.600	1.425	1	0.855
D9	0.500	0.800	2	0.800
D10	0.605	0.850	1	0.514
D11	1.305	1.250	1	1.633
D12	0.605	0.800	1	0.484
D13	0.605	1.550	1	0.938
D14	5.500	2.850	1	15.675
D15	1.200	0.300	1	0.360
D16	1.805	2.130	1	3.845
D17	2.710	2.130	1	5.772
D18	2.200	2.200	1	4.840
D19	0.970	0.650	1	0.631
D20	0.970	2.000	1	1.940
D21	1.160	0.710	1	0.824
D22	5.250	2.860	1	15.015
D23	1.100	0.710	1	0.781
D24	1.500	0.950	2	2.850
D25	2.200	2.150	3	14.190
D26	1.905	0.600	2	2.286
D27	3.265	3.150	1	10.285
D28	1.100	0.500	1	0.550
D29	2.200	2.210	1	4.862
D30	3.340	0.825	2	5.511
TOTAL DEDUCTIONS (D)				= 158.891
TOTAL DUPLEX (UPPER) REFUGE FLOOR FAR AREA (A-D)				= 539.097

LEGEND:-

S.NO.	DESCRIPTION	SYMBOL
1.	1000 SOIL PIPE	①
2.	1000 WASTE PIPE	②
3.	750 ANTI-SIPHONAGE PIPE	③
4.	DOMESTIC WATER SUPPLY DN. TAKE PIPE	④
5.	FLUSHING WATER SUPPLY DN. TAKE PIPE	⑤
6.	750 BALCONY WASTE WATER PIPE	⑥
7.	1500 RAIN WATER PIPE	⑦
8.	DOMESTIC WATER DN. TAKE BOOSTER SUPPLY	⑧
9.	DOMESTIC WATER RISER PIPE	⑨
10.	FLUSHING WATER RISER PIPE	⑩
11.	FLOOR TRAP	FT
12.	FLOOR DRAIN	FD
13.	VERTICAL GRATING	VG
14.	PLAIN FLOOR TRAP	PFT
15.	FLOW DIRECTION	→
16.	BOTTLE TRAP	BT

SUBMISSION DRAWING

KEY PLAN

PRINCIPAL ARCHITECT

ACPL Design Ltd. E-24 South Extension - II, 1st Floor, 110062 New Delhi, India. Tel: +91 11 26421950. Email: info@acpl.in. Website: www.acpl.in

CLIENT

SV INFRA MANAGEMENT SOLUTIONS PRIVATE LIMITED. (FORMERLY KNOWN AS SV INFRA MANAGEMENT SOLUTIONS LLP)

PROJECT

PROPOSED GROUP HOUSING COLONY UNDER MIXED LAND USE UNDER TOD POLICY DATED 09.02.2016 (98% RESIDENTIAL COMPONENT + 2% COMMERCIAL COMPONENT) OVER AN AREA MEASURING 4.65625 ACRES LICENCE NO. 140 OF 2024 DATED 11.11.2024 FALLING IN SECTOR-104, GURUGRAM BEING DEVELOPED BY SV INFRA MANAGEMENT SOLUTIONS PRIVATE LIMITED (FORMERLY KNOWN AS SV INFRA MANAGEMENT SOLUTIONS LLP)

OWNER/AUTH. SIGNATURE

ARCHITECT'S SIGNATURE

DRAWING TITLE

TOWER T1_DUPLEX (UPPER LEVEL) 17TH, 34TH & 43RD REFUGE FLOOR PLAN, AREA DIAGRAM & DETAILS

DRAWING NO.

A-14

SCALE

1:100