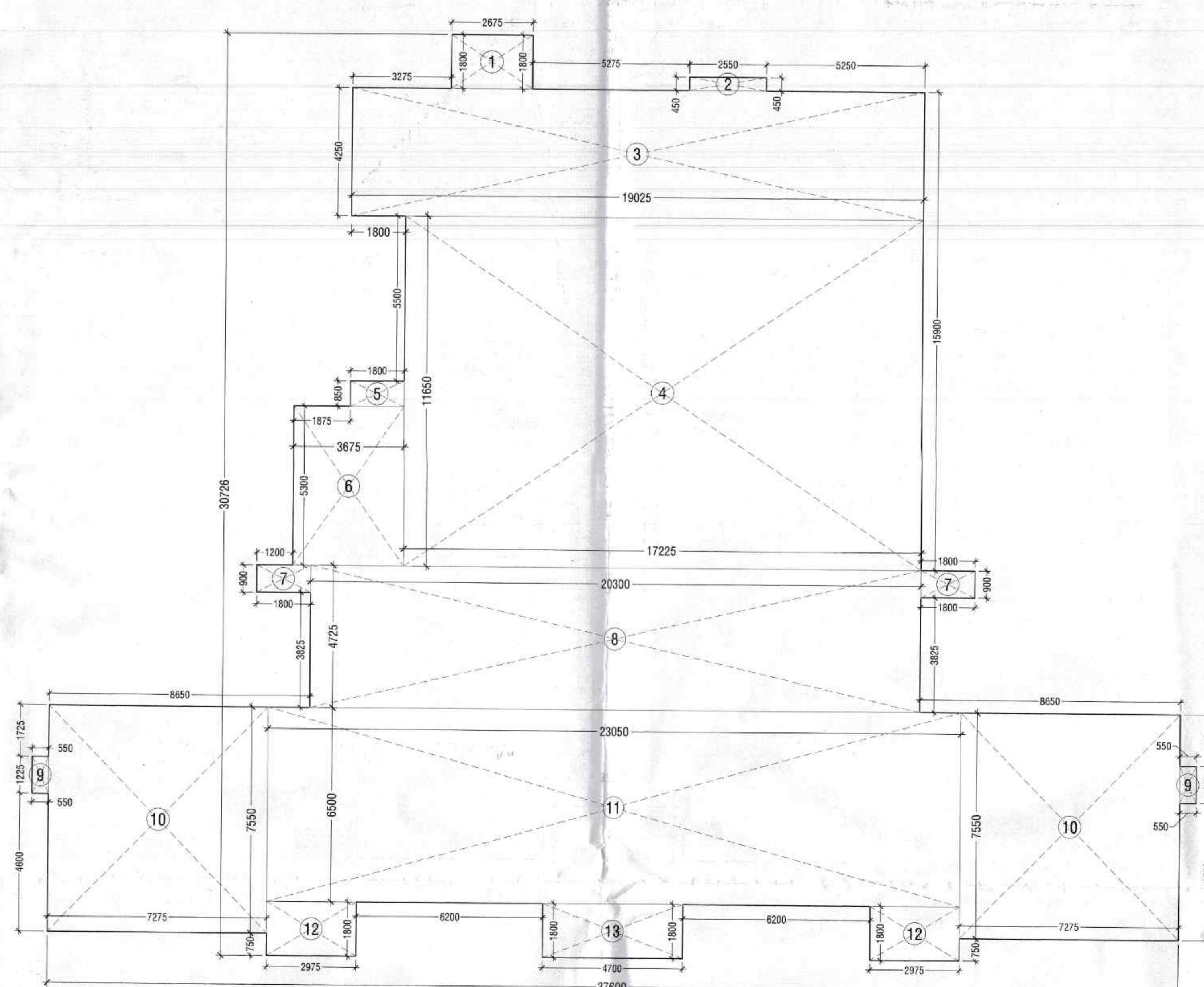
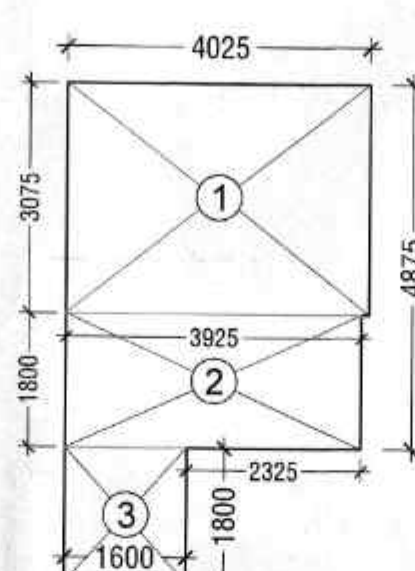
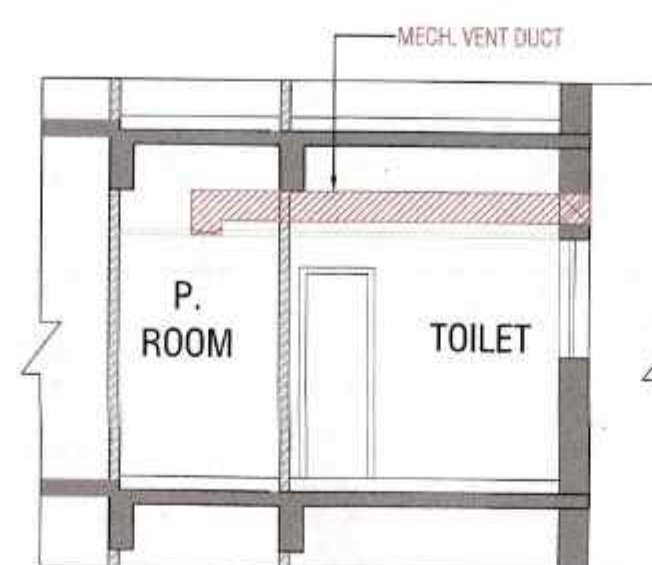
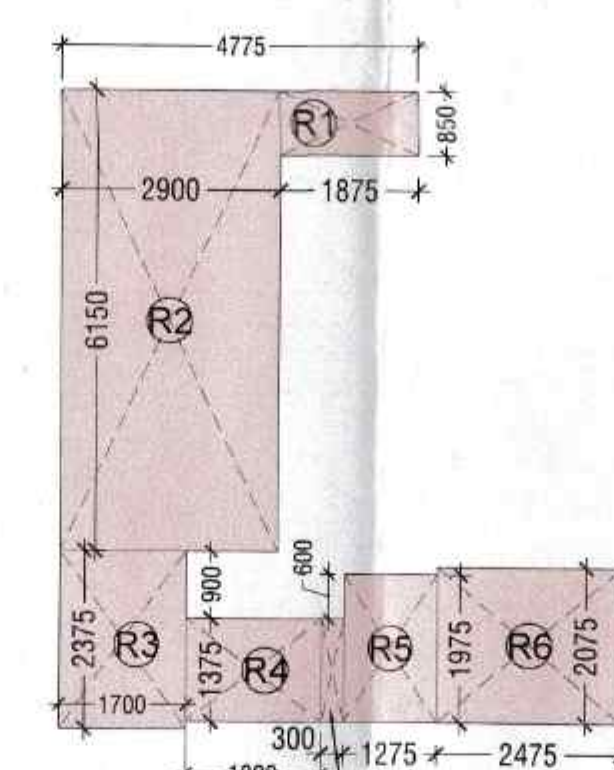




TYPICAL FLOOR PLATE AREA CALCULATIONS				
S. No.	COEFF.	WIDTH	LENGTH NOS.	AREA IN SQM
1	2.675	0.850	1	4.815
2	2.550	0.450	1	1.148
3	19.025	4.250	1	80.555
4	17.225	11.650	1	200.671
5	1.800	0.850	1	1.530
6	3.675	5.300	1	19.478
7	1.800	0.900	2	3.240
8	20.300	4.725	1	96.918
9	0.550	1.225	2	1.348
10	7.275	7.550	2	109.853
11	23.050	6.500	1	149.825
12	2.975	1.800	2	10.710
13	4.700	1.800	1	6.450
TOTAL AREA (A)			=	687.852



SERVICE PERSONNEL UNIT CARPET AREA & DENSITY CALCULATIONS					
ADDITIONS					
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQM
1	1	4.025	3.075	1	12.377
2	1	3.925	1.800	1	7.065
3	1	1.600		1	2.680
TOTAL ADDITIONS				Sqm	22.322
				SqFt	240.273
Density @80sqft per person					3.00
					Personne

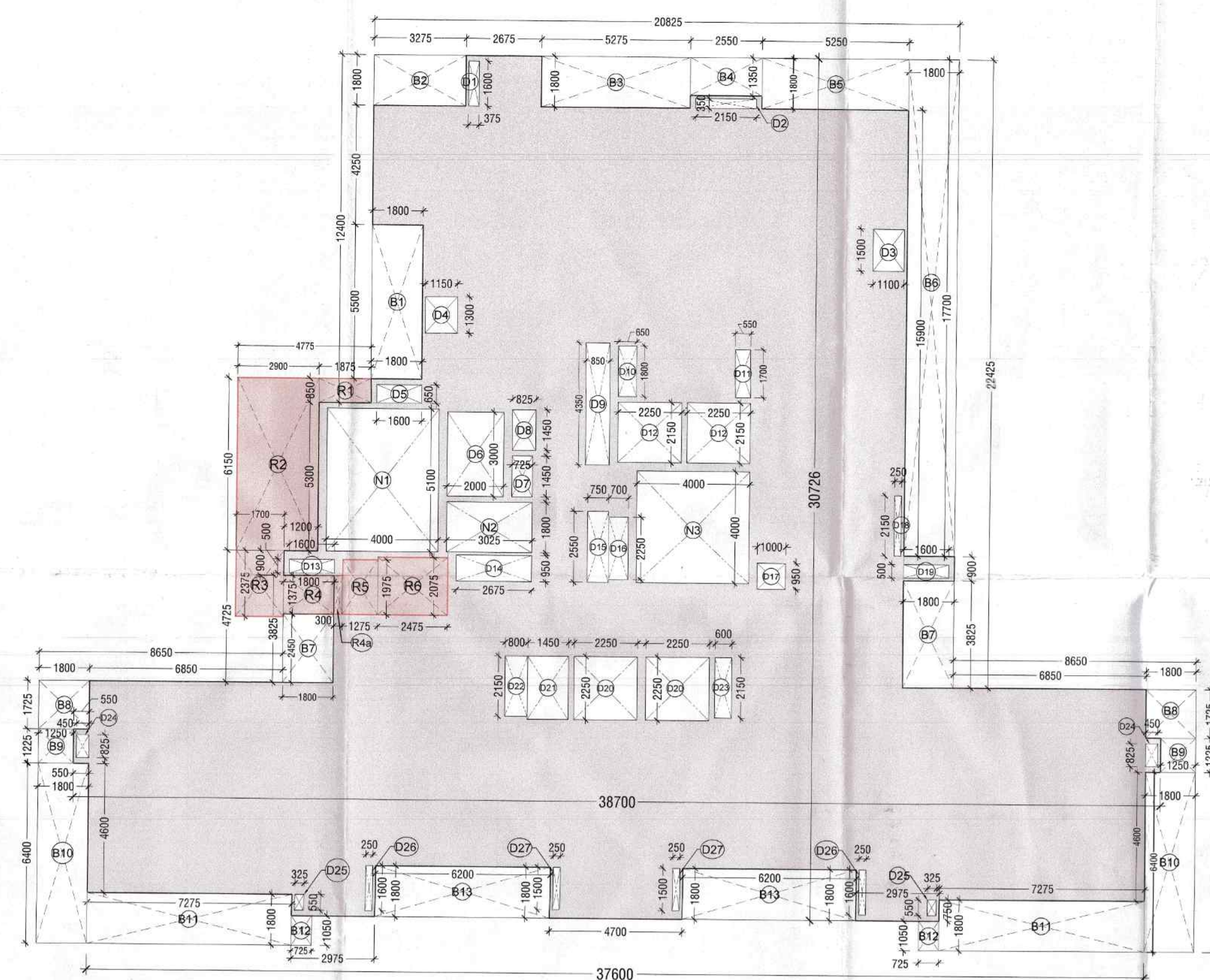
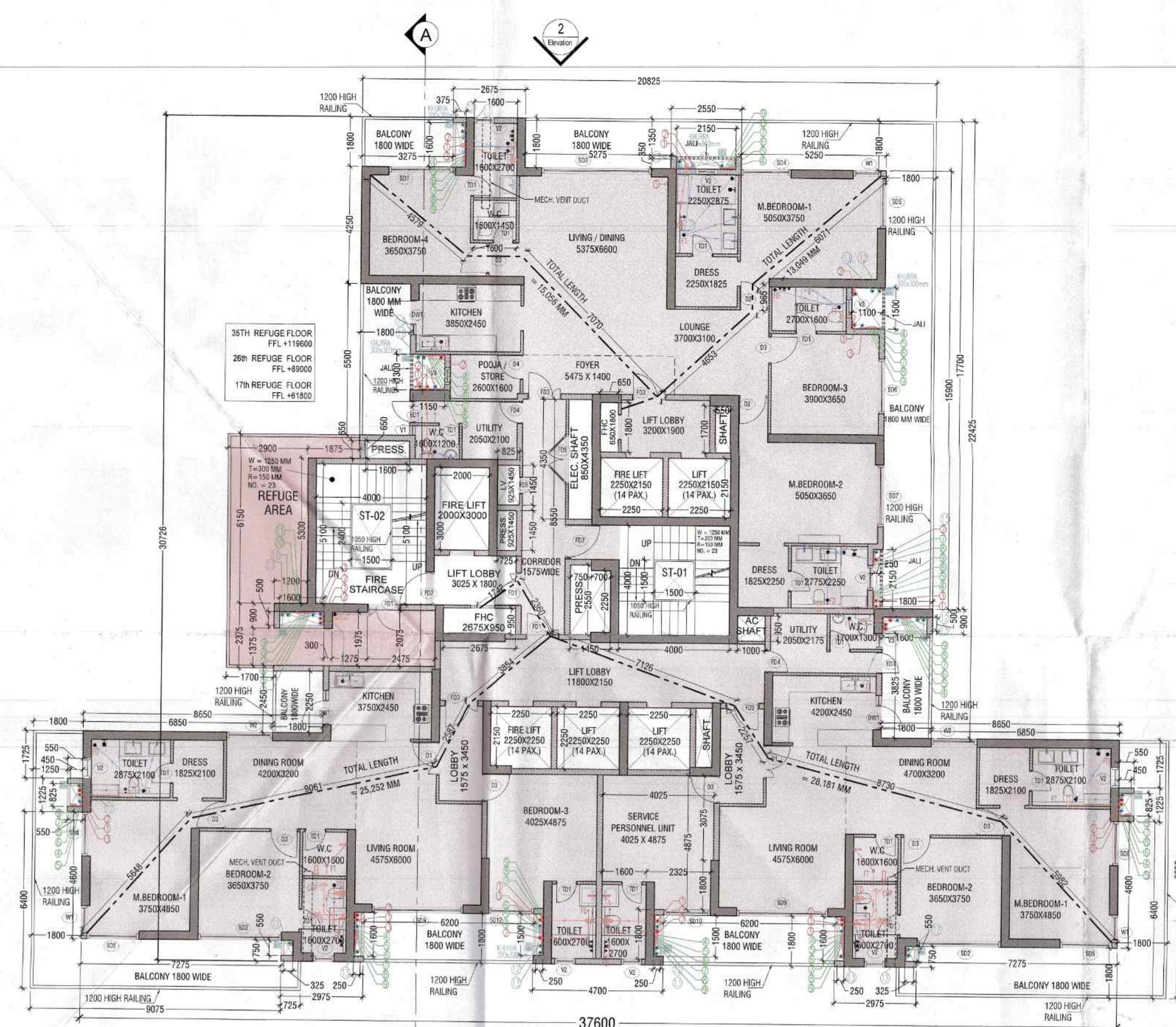


PROVIDED REFUGE AREA CALCULATIONS					
R1	1	1.875	0.850	1	1.594
R2	1	2.900	6.150	1	17.835
R3	1	1.700	2.375	1	4.038
R4	1	1.800	1.375	1	2.475
R4a	1	0.300	1.375	1	0.413
R5	1	1.275	1.975	1	2.518
R6	1	2.475	2.075	1	5.136
TOTAL REFUGE AREA)				=	34.008

17th,25th,34th Floor Refuge Area Calculations	
Floor Plate Area	687.85 sqm
x2	1375.700 sqm
Occupancy (Area/person)	12.500 sqm
Persons	110.056
Refuge area required @0.3sqm/per.	33.017 sqm
Area for wheel Chair @ 0.9/200per	0.900 sqm
Total Refuge Area Required	33.917 sqm
Refuge Area Provided	34.008 sqm

SCHEDULE OF OPENINGS				
S.NO.	TYPE	SIZE	S.A.	REMARK
EXTERNAL SLIDING DOOR / WINDOWS				
1	SD1	2300 X 2400	00	2400
2	SD2	3025 X 2400	00	2400
3	SD3	3075 X 2400	00	2400
4	SD4	1800 X 2400	00	2400
5	SD5	1900 X 2400	00	2400
6	SD6	2000 X 2400	00	2400
7	SD7	2250 X 2400	00	2400
8	SD8	1600 X 2400	00	2400
9	SD9	3300 X 2400	00	2400
10	SD10	1750 X 2400	00	2400
11	SD11	1765 X 2400	00	2400
EXTERNAL DOOR / WINDOWS				
12	W1	1000 X 2400	00	2400
13	W2	1500 X 1500	900	2400
14	ED1	800 X 2400	00	2400
15	ED2	775 X 2400	00	2400
16	ED3	775 X 2400	00	2400
17	DW1	1250 X 2400	00	2400
18	DW2	1350 X 2400	00	2400
19	V1	350 X 1200	1200	2400
20	V2	750 X 1200	1200	2400
21	V3	600 X 1200	1200	2400
INTERNAL DOOR / WINDOWS				
22	D1	1200 X 2400	00	2400
23	D2	1050 X 2400	00	2400
24	D3	1000 X 2400	00	2400
25	D4	900 X 2400	00	2400
26	D5	800 X 2400	00	2400
27	D6	1800 X 2400	00	2400
28	D7	750 X 2400	00	2400
29	W1	1000 X 2400	00	2400
30	F02	1200 X 2400	00	2400
31	F03	1200 X 2400	00	2400
32	F04	800 X 2400	00	2400
33	F05	1800 X 2400	00	2400
34	F06	600 X 2400	00	2400

REFUGEE FLOOR AREA CALCULATIONS						
FLOOR FLOOR AREA (A)						687.852
CUT-OUT (DEDUCTION AREA)						
D1	1	0.375	1.600	1	0.600	
D2	1	1.100	0.350	1	0.763	
D3	1	2.150	0.500	1	1.650	
D4	1	0.150	1.300	1	1.400	
D5	1	1.995	0.650	1	1.037	
D6	1	2.500	3.000	1	6.000	
D7	1	0.725	1.450	1	1.051	
D8	1	0.825	1.450	1	1.196	
D9	1	0.850	4.350	1	3.698	
D10	1	0.560	0.300	1	0.160	
D11	1	0.550	1.700	1	0.935	
D12	1	2.250	2.150	2	9.675	
D13	1	1.800	0.500	1	2.804	
D14	1	0.600	0.950	1	0.847	
D15	1	0.750	2.550	1	1.913	
D16	1	0.700	2.250	1	1.575	
D17	1	1.250	0.650	1	0.960	
D18	1	0.250	2.150	1	0.538	
D19	1	1.600	0.500	1	0.800	
D20	2	2.250	2.250	2	10.125	
D21	1	2.300	1.450	1	3.263	
D22	1	0.800	2.150	1	1.720	
D23	1	0.600	2.150	1	1.290	
D24	1	0.500	0.825	1	0.413	
D25	1	0.325	0.550	2	0.358	
D26	1	0.250	1.600	2	0.800	
D27	1	0.250	1.500	2	0.750	
TOTAL CUTOUT AREA (A)						56.440
NON F.A.R. AREA DETAIL						
N1	1	4.000	5.100	1	20.400	
N2	1	3.025	1.800	1	5.445	
N3	1	4.000	4.600	1	16.000	
R4a	1	0.300	1.375	1	0.413	
R5	1	1.978	1.975	1	2.518	
R6	1	2.475	2.075	1	5.136	
TOTAL NON F.A.R. AREA (B)						48.811
TOTAL FAR (B) = A-(X+Y)						581.493
BALCONY NON F.A.R. AREA						
B1	1	1.800	5.500	1	9.900	
B2	1	1.800	3.275	1	5.895	
B3	1	1.800	5.275	1	9.585	
B4	1	1.350	2.550	1	3.443	
B5	1	1.800	5.250	1	9.450	
B6	1	1.700	17.700	1	31.080	
B7	1	1.800	3.825	1	6.885	
B7A	1	1.800	2.250	1	4.050	
B8	1	1.800	1.725	2	6.210	
B9	1	1.250	1.225	2	3.063	
B10	1	1.800	6.400	2	23.040	
B11	1	1.800	7.275	2	26.190	
B12	1	1.050	0.725	2	1.523	
B13	1	1.800	6.200	2	22.320	
TOTAL BALCONY NON F.A.R. AREA (C)						163.320
PROJECTED REFUGEE AREA DETAIL						
R1	1	2.900	0.675	1	1.641	
R2	1	2.900	6.15	1	17.835	
R3	1	1.700	2.375	1	4.038	
R4	1	1.800	1.375	1	2.475	
TOTAL REFUGEE AREA (R)						25.988
TOTAL NON F.A.R. AREA (Y+Z+C)						238.222
TOTAL BUILT-UP = B+(Y+Z+C)						820.715



This is a "PROVISIONAL BUILDING PLAN" approved only for the purpose of inviting

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

Checked and found ok for Public Health
(Internal) Service only subject to comments
In forwarding letter No. 92792 DWS
Superintending Engineer (HQ)
for Chief Engineer-I
HSVP, Panchkula

DRAWING TITLE :
REFUGE FLOOR
17th-26th-35th PLAN & AREA DETAIL
(TOWER-B1)

DRAWING NO. :

S07
DDT (T)
MEMBER
BPAC

ACPL

ISO 9001:2015

ACPL Design Ltd

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PROPOSED BUILDING PLANS OF GROUP HOUSING COLONY
MEASURING 10.868 ACRES (LICENSE NO. 33 OF 2011 DATED
16.04.2011) IN THE REVENUE ESTATE OF VILLAGE TIKAMPUR,
SECTOR - 103, GURGAON MANESAR URBAN COMPLEX
IS BEING DEVELOPED BY SH. ROSHAN LAL
AND OTHERS C/O M/s LANDMARK APARTMENT Pvt. Ltd.

For Landmark Apartments Put Y

Authorised Signatory

KULDEET SHANGAR
ARCHITECT
011-26171741

OWNER'S/AUTHORIZED SIGN _____

REFUGE FLOOR
17th-26th-35th PLAN & AREA DETAIL
(TOWER-B1)

DRAWING NO. S-07

SCALE: 1:100