

FREE OVER					
3	1	1500	2475	1	3713
3	1	1500	2475	1	3713
5	1	1500	2475	1	3713
7	1	1500	2475	1	3713
9	1	1500	2475	1	3713
11	1	4320	5665	1	24473
GROSS 2 (FREE OVER+STAIRCASES)					74844

SERVICE AREA CALCULATION- 2ND FLOOR					
S.NO	WIDTH(M)	LENGTH(M)	GROSS AREA (SQM)	AREA (SQM)	
1	6	2230	3025	1	6746
2	6	2230	3025	1	6746
3	6	2230	3025	1	6746
4	6	2230	3025	1	6746
5	6	2230	3025	1	6746
6	6	2230	3025	1	6746
7	6	2230	3025	1	6746
8	6	2230	3025	1	6746
9	6	2230	3025	1	6746
10	6	2230	3025	1	6746
11	6	2230	3025	1	6746
12	6	2230	3025	1	6746
GROSS 3 (SERVICES)					30696

REFUGE AREA					
S.NO	WIDTH(M)	LENGTH(M)	GROSS AREA (SQM)	AREA (SQM)	
1	1500	7665	1	11499	
2	1500	7665	1	11499	
3	1500	7665	1	11499	
4	1500	7665	1	11499	
5	1500	7665	1	11499	
6	1500	7665	1	11499	
7	1500	7665	1	11499	
8	1500	7665	1	11499	
9	1500	7665	1	11499	
10	1500	7665	1	11499	
11	1500	7665	1	11499	
12	1500	7665	1	11499	
13	1500	7665	1	11499	
14	1500	7665	1	11499	
15	1500	7665	1	11499	
16	1500	7665	1	11499	
17	1500	7665	1	11499	
18	1500	7665	1	11499	
19	1500	7665	1	11499	
20	1500	7665	1	11499	
21	1500	7665	1	11499	
22	1500	7665	1	11499	
23	1500	7665	1	11499	
24	1500	7665	1	11499	
25	1500	7665	1	11499	
26	1500	7665	1	11499	
27	1500	7665	1	11499	
28	1500	7665	1	11499	
29	1500	7665	1	11499	
30	1500	7665	1	11499	
31	1500	7665	1	11499	
32	1500	7665	1	11499	
33	1500	7665	1	11499	
34	1500	7665	1	11499	
35	1500	7665	1	11499	
36	1500	7665	1	11499	
37	1500	7665	1	11499	
38	1500	7665	1	11499	
39	1500	7665	1	11499	
40	1500	7665	1	11499	
41	1500	7665	1	11499	
42	1500	7665	1	11499	
43	1500	7665	1	11499	
44	1500	7665	1	11499	
45	1500	7665	1	11499	
46	1500	7665	1	11499	
47	1500	7665	1	11499	
48	1500	7665	1	11499	
49	1500	7665	1	11499	
50	1500	7665	1	11499	
51	1500	7665	1	11499	
52	1500	7665	1	11499	
53	1500	7665	1	11499	
54	1500	7665	1	11499	
55	1500	7665	1	11499	
56	1500	7665	1	11499	
57	1500	7665	1	11499	
58	1500	7665	1	11499	
59	1500	7665	1	11499	
60	1500	7665	1	11499	
61	1500	7665	1	11499	
62	1500	7665	1	11499	
63	1500	7665	1	11499	
64	1500	7665	1	11499	
65	1500	7665	1	11499	
66	1500	7665	1	11499	
67	1500	7665	1	11499	
68	1500	7665	1	11499	
69	1500	7665	1	11499	
70	1500	7665	1	11499	
71	1500	7665	1	11499	
72	1500	7665	1	11499	
73	1500	7665	1	11499	
74	1500	7665	1	11499	
75	1500	7665	1	11499	
76	1500	7665	1	11499	
77	1500	7665	1	11499	
78	1500	7665	1	11499	
79	1500	7665	1	11499	
80	1500	7665	1	11499	
81	1500	7665	1	11499	
82	1500	7665	1	11499	
83	1500	7665	1	11499	
84	1500	7665	1	11499	
85	1500	7665	1	11499	
86	1500	7665	1	11499	
87	1500	7665	1	11499	
88	1500	7665	1	11499	
89	1500	7665	1	11499	
90	1500	7665	1	11499	
91	1500	7665	1	11499	
92	1500	7665	1	11499	
93	1500	7665	1	11499	
94	1500	7665	1	11499	
95	1500	7665	1	11499	
96	1500	7665	1	11499	
97	1500	7665	1	11499	
98	1500	7665	1	11499	
99	1500	7665	1	11499	
100	1500	7665	1	11499	
GROSS 4 (NET REFUGE AREA)					82200

BUILT-UP AREA CALCULATION- 2ND FLOOR					
GROSS 1	165872				
GROSS 2	30696				
GROSS 3	30696				
GROSS 4	52700				
GROSS 5 (BUILT-UP AREA)					174172

NON-T.A. AREA CALCULATION- 2ND FLOOR					
GROSS 5	174172				
GROSS 1	165872				
TOTAL (GROSS 5 + GROSS 1)					142200

REFUGE AREA DIAGRAM
SCALE: 1:175

STAIRCASE CALCULATION (AS PER GROSS AREA)				
2ND FLOOR				
	GROSS AREA (SQ.M)	POPULATION	STAIRCASE WIDTH REQUIRED (MM)	STAIRCASE WIDTH PROPOSED (MM)
10	1406.55	140.66		
ON		161	1406.550	3000

□ 3000

LEI PART SECTION

