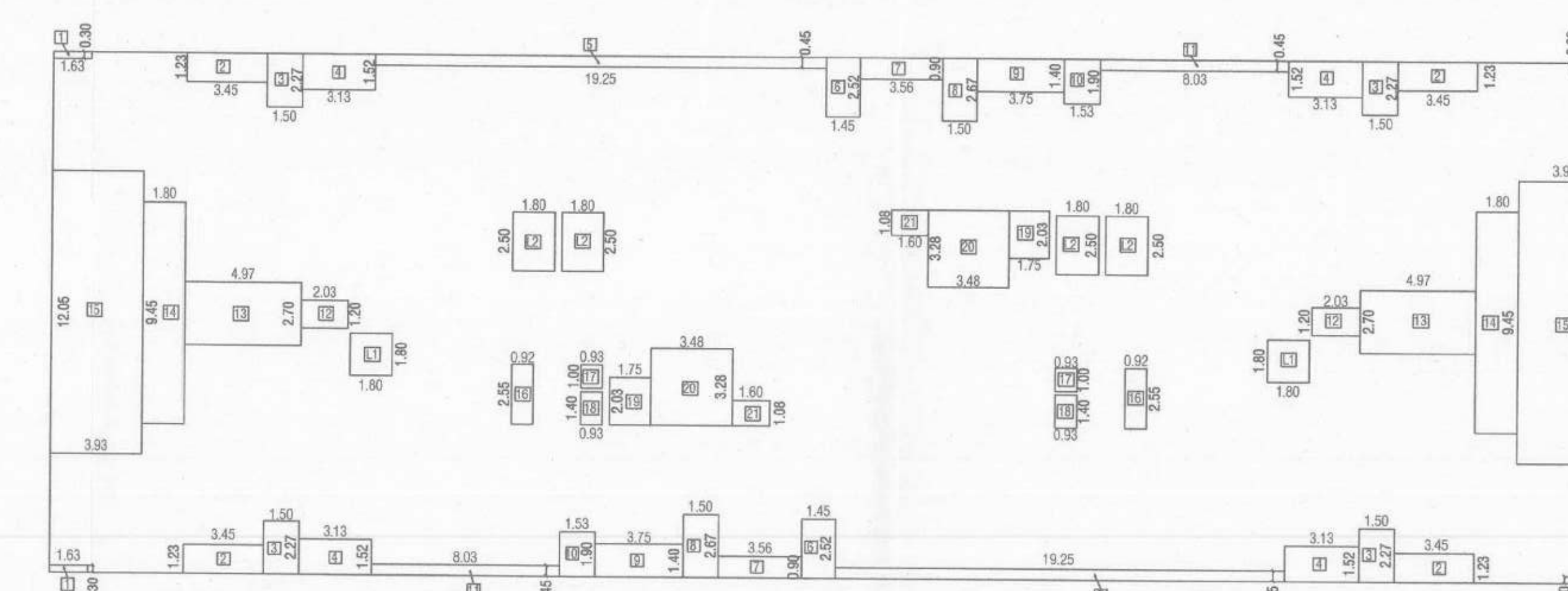
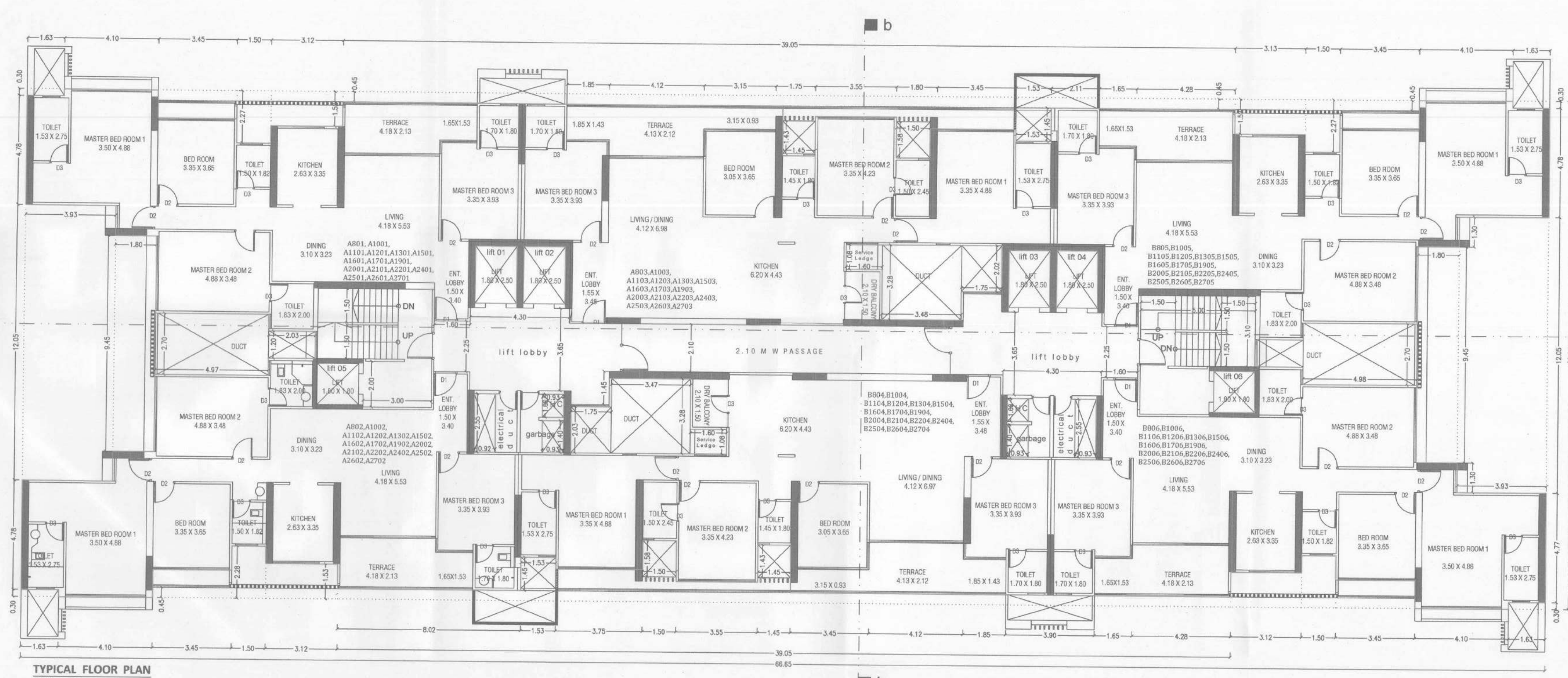
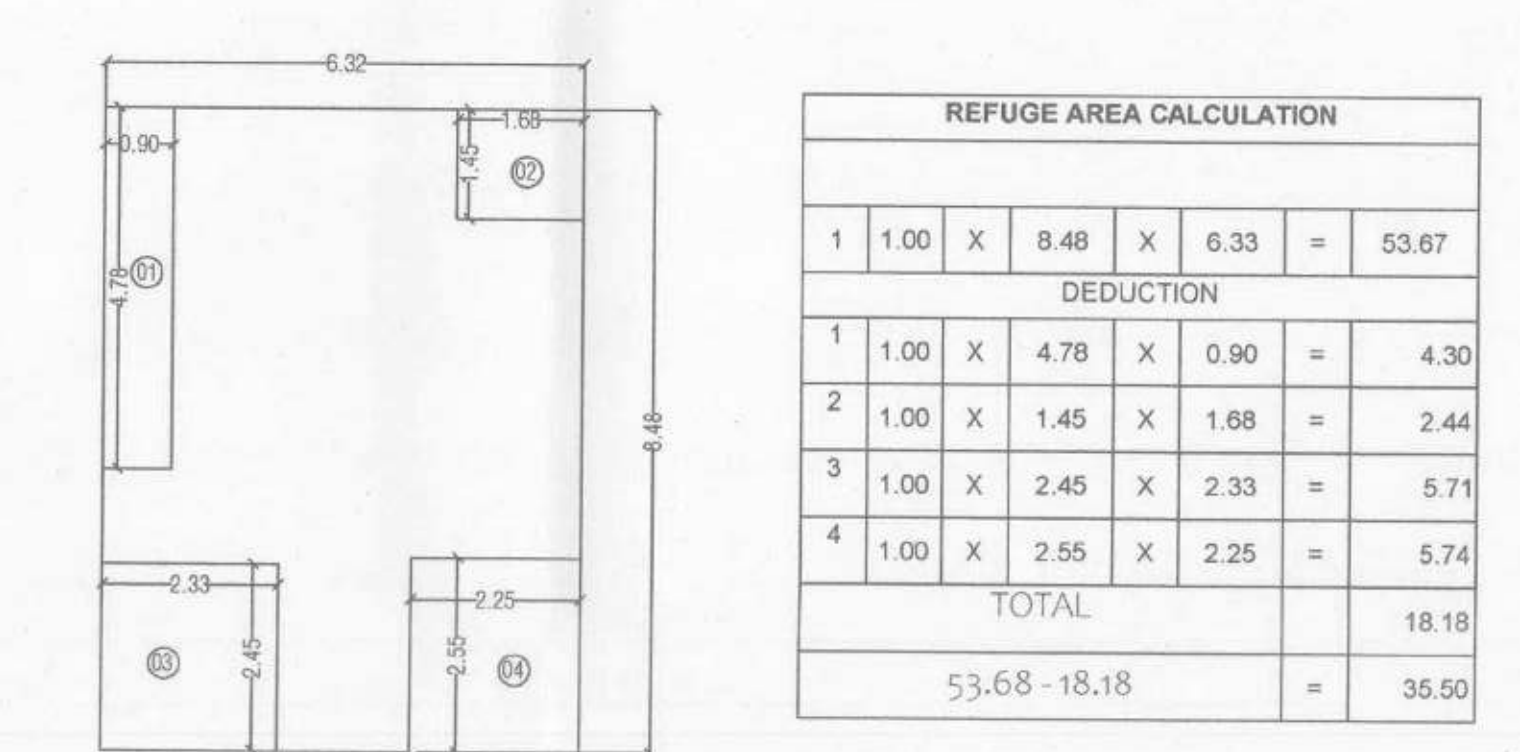




NET BWP AREA CALC. FOR TYPICAL FLOOR

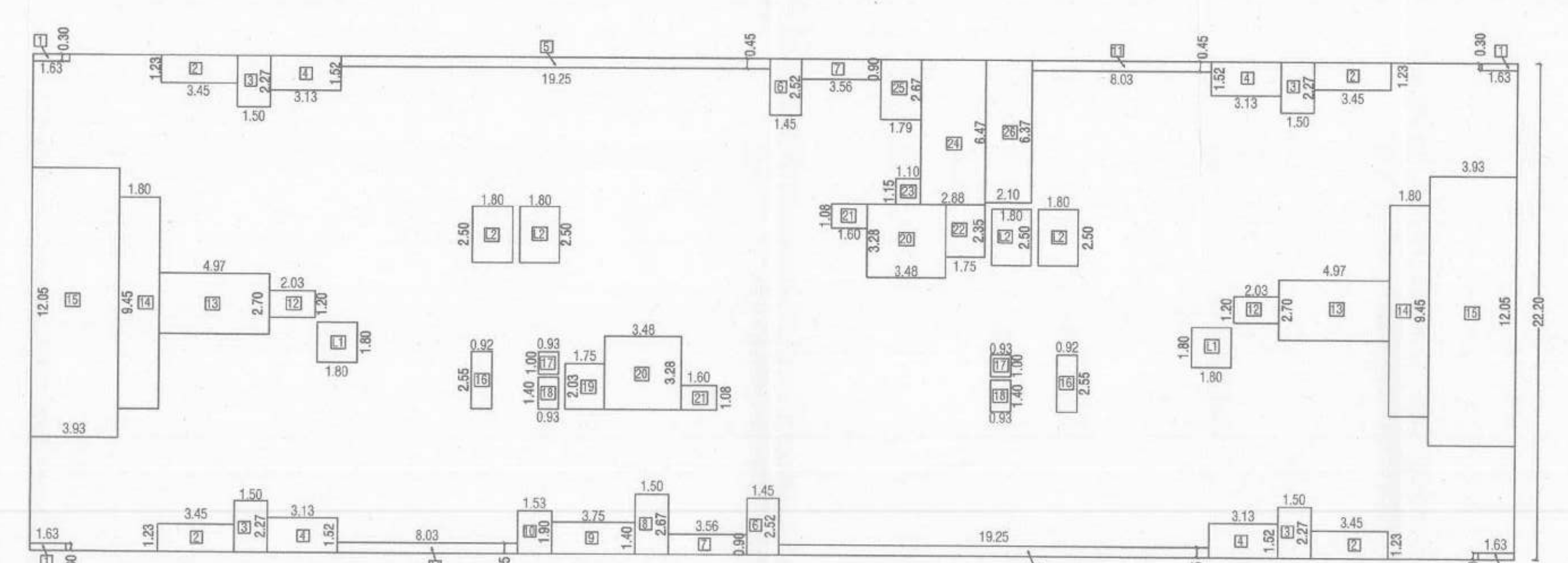
NO.	AREA OF BLOCK	AREA OF BLOCK	AREA OF BLOCK
1	1.4	1.4	1.4
2	1.4	1.4	1.4
3	1.4	1.4	1.4
4	1.4	1.4	1.4
5	1.4	1.4	1.4
6	1.4	1.4	1.4
7	1.4	1.4	1.4
8	1.4	1.4	1.4
9	1.4	1.4	1.4
10	1.4	1.4	1.4
11	1.4	1.4	1.4
12	1.4	1.4	1.4
13	1.4	1.4	1.4
14	1.4	1.4	1.4
15	1.4	1.4	1.4
16	1.4	1.4	1.4
17	1.4	1.4	1.4
18	1.4	1.4	1.4
19	1.4	1.4	1.4
20	1.4	1.4	1.4
21	1.4	1.4	1.4
22	1.4	1.4	1.4
23	1.4	1.4	1.4
24	1.4	1.4	1.4
25	1.4	1.4	1.4
26	1.4	1.4	1.4
27	1.4	1.4	1.4
28	1.4	1.4	1.4
29	1.4	1.4	1.4
30	1.4	1.4	1.4
31	1.4	1.4	1.4
32	1.4	1.4	1.4
33	1.4	1.4	1.4
34	1.4	1.4	1.4
35	1.4	1.4	1.4
36	1.4	1.4	1.4
37	1.4	1.4	1.4
38	1.4	1.4	1.4
39	1.4	1.4	1.4
40	1.4	1.4	1.4
41	1.4	1.4	1.4
42	1.4	1.4	1.4
43	1.4	1.4	1.4
44	1.4	1.4	1.4
45	1.4	1.4	1.4
46	1.4	1.4	1.4
47	1.4	1.4	1.4
48	1.4	1.4	1.4
49	1.4	1.4	1.4
50	1.4	1.4	1.4
51	1.4	1.4	1.4
52	1.4	1.4	1.4
53	1.4	1.4	1.4
54	1.4	1.4	1.4
55	1.4	1.4	1.4
56	1.4	1.4	1.4
57	1.4	1.4	1.4
58	1.4	1.4	1.4
59	1.4	1.4	1.4
60	1.4	1.4	1.4
61	1.4	1.4	1.4
62	1.4	1.4	1.4
63	1.4	1.4	1.4
64	1.4	1.4	1.4
65	1.4	1.4	1.4
66	1.4	1.4	1.4
67	1.4	1.4	1.4
68	1.4	1.4	1.4
69	1.4	1.4	1.4
70	1.4	1.4	1.4
71	1.4	1.4	1.4
72	1.4	1.4	1.4
73	1.4	1.4	1.4
74	1.4	1.4	1.4
75	1.4	1.4	1.4
76	1.4	1.4	1.4
77	1.4	1.4	1.4
78	1.4	1.4	1.4
79	1.4	1.4	1.4
80	1.4	1.4	1.4
81	1.4	1.4	1.4
82	1.4	1.4	1.4
83	1.4	1.4	1.4
84	1.4	1.4	1.4
85	1.4	1.4	1.4
86	1.4	1.4	1.4
87	1.4	1.4	1.4
88	1.4	1.4	1.4
89	1.4	1.4	1.4
90	1.4	1.4	1.4
91	1.4	1.4	1.4
92	1.4	1.4	1.4
93	1.4	1.4	1.4
94	1.4	1.4	1.4
95	1.4	1.4	1.4
96	1.4	1.4	1.4
97	1.4	1.4	1.4
98	1.4	1.4	1.4
99	1.4	1.4	1.4
100	1.4	1.4	1.4

REFUGE AREA CALCULATION
Permit. Refuge Area = No. of Person x 0.30 Sq.m.
Total Person = 12 Flats x 5 Person = 60 Persons
Permit. Refuge Area = 60 x 0.30 Sq.m. = 18 SQ.M.
Prop. Refuge Area = 35.50 Sq.m.



REFUGE AREA CALCULATION

NO.	AREA OF BLOCK	AREA OF BLOCK	AREA OF BLOCK
1	1.00	1.00	1.00
2	1.00	1.00	1.00
3	1.00	1.00	1.00
4	1.00	1.00	1.00
5	1.00	1.00	1.00
6	1.00	1.00	1.00
7	1.00	1.00	1.00
8	1.00	1.00	1.00
9	1.00	1.00	1.00
10	1.00	1.00	1.00
11	1.00	1.00	1.00
12	1.00	1.00	1.00
13	1.00	1.00	1.00
14	1.00	1.00	1.00
15	1.00	1.00	1.00
16	1.00	1.00	1.00
17	1.00	1.00	1.00
18	1.00	1.00	1.00
19	1.00	1.00	1.00
20	1.00	1.00	1.00
21	1.00	1.00	1.00
22	1.00	1.00	1.00
23	1.00	1.00	1.00
24	1.00	1.00	1.00
25	1.00	1.00	1.00
26	1.00	1.00	1.00
27	1.00	1.00	1.00
28	1.00	1.00	1.00
29	1.00	1.00	1.00
30	1.00	1.00	1.00
31	1.00	1.00	1.00
32	1.00	1.00	1.00
33	1.00	1.00	1.00
34	1.00	1.00	1.00
35	1.00	1.00	1.00
36	1.00	1.00	1.00
37	1.00	1.00	1.00
38	1.00	1.00	1.00
39	1.00	1.00	1.00
40	1.00	1.00	1.00
41	1.00	1.00	1.00
42	1.00	1.00	1.00
43	1.00	1.00	1.00
44	1.00	1.00	1.00
45	1.00	1.00	1.00
46	1.00	1.00	1.00
47	1.00	1.00	1.00
48	1.00	1.00	1.00
49	1.00	1.00	1.00
50	1.00	1.00	1.00
51	1.00	1.00	1.00
52	1.00	1.00	1.00
53	1.00	1.00	1.00
54	1.00	1.00	1.00
55	1.00	1.00	1.00
56	1.00	1.00	1.00
57	1.00	1.00	1.00
58	1.00	1.00	1.00
59	1.00	1.00	1.00
60	1.00	1.00	1.00
61	1.00	1.00	1.00
62	1.00	1.00	1.00
63	1.00	1.00	1.00
64	1.00	1.00	1.00
65	1.00	1.00	1.00
66	1.00	1.00	1.00
67	1.00	1.00	1.00
68	1.00	1.00	1.00
69	1.00	1.00	1.00
70	1.00	1.00	1.00
71	1.00	1.00	1.00
72	1.00	1.00	1.00
73	1.00	1.00	1.00
74	1.00	1.00	1.00
75	1.00	1.00	1.00
76	1.00	1.00	1.00
77	1.00	1.00	1.00
78	1.00	1.00	1.00
79	1.00	1.00	1.00
80	1.00	1.00	1.00
81	1.00	1.00	1.00
82	1.00	1.00	1.00
83	1.00	1.00	1.00
84	1.00	1.00	1.00
85	1.00	1.00	1.00
86	1.00	1.00	1.00
87	1.00	1.00	1.00
88	1.00	1.00	1.00
89	1.00	1.00	1.00
90	1.00	1.00	1.00
91	1.00	1.00	1.00
92	1.00	1.00	1.00
93	1.00	1.00	1.00
94	1.00	1.00	1.00
95	1.00	1.00	1.00
96	1.00	1.00	1.00
97	1.00	1.00	1.00
98	1.00	1.00	1.00
99	1.00	1.00	1.00
100	1.00	1.00	1.00



Key Plan for Typical Refuge Floor SCALE: 1:300

NET BWP AREA CALC. FOR TYPICAL REFUGE FLOOR

		AREA OF BLOCK		STANDARD DEVIATION	TOTAL AREA
NO.	AREA OF BLOCK	NO.	AREA OF BLOCK		
1	1.00	1	1.00	1.00	1.00
2	1.00	2	1.00	1.00	1.00
3	1.00	3	1.00	1.00	1.00
4	1.00	4	1.00	1.00	1.00
5	1.00	5	1.00	1.00	1.00
6	1.00	6	1.00	1.00	1.00
7	1.00	7	1.00	1.00	1.00
8	1.00	8	1.00	1.00	1.00
9	1.00	9	1.00	1.00	1.00
10	1.00	10	1.00	1.00	1.00
11	1.00	11	1.00	1.00	1.00
12	1.00	12	1.00	1.00	1.00
13	1.00	13	1.00	1.00	1.00
14	1.00	14	1.00	1.00	1.00
15	1.00	15	1.00	1.00	1.00
16	1.00	16	1.00	1.00	1.00
17	1.00	17	1.00	1.00	1.00
18	1.00	18	1.00	1.00	1.00
19	1.00	19	1.00	1.00	1.00
20	1.00	20	1.00	1.00	1.00
21	1.00	21	1.00	1.00	1.00
22	1.00	22	1.00	1.00	1.00
23	1.00	23	1.00	1.00	1.00
24	1.00	24	1.00	1.00	1.00
25	1.00	25	1.00	1.00	1.00
26	1.00	26	1.00	1.00	1.00
27	1.00	27	1.00	1.00	1.00
28	1.00	28	1.00	1.00	1.00
29	1.00	29	1.00	1.00	1.00
30	1.00	30	1.00	1.00	1.00
31	1.00	31	1.00	1.00	1.00
32	1.00	32	1.00	1.00	1.00
33	1.00	33	1.00	1.00	1.00
34	1.00	34	1.00	1.00	1.00
35	1.00	35	1.00	1.00	1.00
36	1.00	36	1.00	1.00	1.00
37	1.00	37	1.00	1.00	1.00
38	1.00	38	1.00	1.00	1.00
39	1.00	39	1.00	1.00	1.00
40	1.00	40	1.00	1.00	1.00
41	1.00	41	1.00	1.00	1.00
42	1.00	42	1.00	1.00	1.00
43	1.00	43	1.00	1.00	1.00
44	1.00	44	1.00	1.00	1.00
45	1.00	45	1.00	1.00	1.00
46	1.00	46	1.00	1.00	1.00
47	1.00	47	1.00	1.00	1.00
48	1.00	48	1.00	1.00	1.00
49	1.00	49	1.00	1.00	1.00
50	1.00	50	1.00	1.00	1.00
51	1.00	51	1.00	1.00	1.00
52	1.00	52	1.00	1.00	1.00
53	1.00	53	1.00	1.00	1.00
54	1.00	54	1.00	1.00	1.00
55	1.00	55	1.00	1.00	1.00
56	1.00	56	1.00	1.00	1.00
57	1.00	57	1.00	1.00	1.00
58	1.00	58	1.00	1.00	1.00
59	1.00	59	1.00	1.00	1.00
60	1.00	60	1.00	1.00	1.00
61	1.00	61	1.00	1.00	1.00
62	1.00	62	1.00	1.00	1.00
63	1.00	63	1.00	1.00	1.00
64	1.00	64	1.00	1.00	1.00
65	1.00	65	1.00	1.00	1.00
66	1.00	66	1.00	1.00	1.00
67	1.00	67	1.00	1.00	1.00
68	1.00	68	1.00	1.00	1.00
69	1.00	69	1.00	1.00	1.00
70	1.00	70	1.00	1.00	1.00
71	1.00	71	1.00	1.00	1.00
72	1.00	72	1.00	1.00	1.00
73	1.00	73	1.00	1.00	1.00
74	1.00	74	1.00	1.00	1.00
75	1.00	75	1.00	1.00	1.00
76	1.00	76	1.00	1.00	1.00
77	1.00	77	1.00	1.00	1.00
78	1.00	78	1.00	1.00	1.00
79	1.00	79	1.00	1.00	1.00
80	1.00	80	1.00	1.00	1.00
81	1.00	81	1.00	1.00	1.00
82	1.00	82	1.00	1.00	1.00
83	1.00	83	1.00	1.00	1.00
84	1.00	84	1.00	1.00	1.00
85	1.00	85	1.00	1.00	1.00
86	1.00	86	1.00	1.00	1.00
87	1.00	87	1.00	1.00	1.00
88	1.00	88	1.00	1.00	1.00
89	1.00	89	1.00	1.00	1.00
90	1.00	90	1.00	1.00	1.00
91	1.00	91	1.00	1.00	1.00
92	1.00	92	1.00	1.00	1.00
93	1.00	93	1.00	1.00	1.00
94	1.00	94	1.00	1.00	1.00
95	1.00	95	1.00	1.00	1.00
96	1.00	96	1.00	1.00	1.00
97	1.00	97	1.00	1.00	1.00
98	1.00	98	1.00	1.00	1.00
99	1.00	99	1.00	1.00	1.00
100	1.00	100	1.00	1.00	1.00

NET BWP AREA CALC. FOR TYPICAL REFUGE FLOOR

		AREA OF BLOCK		STANDARD DEVIATION	TOTAL AREA
NO.	AREA OF BLOCK	NO.	AREA OF BLOCK		
1	1.00	1	1.00	1.00	1.00
2	1.00	2	1.00	1.00	1.00
3	1.00	3	1.00	1.00	1.00
4	1.00	4	1.00	1.00	1.00
5	1.00	5	1.00	1.00	1.00
6	1.00	6	1.00	1.00	1.00
7	1.00	7	1.00	1.00	1.00
8	1.00	8	1.00	1.00	1.00
9	1.00	9	1.00	1.00	1.00
10	1.00	10	1.00	1.00	1.00
11	1.00	11	1.00	1.00	1.00
12	1.00	12	1.00	1.00	1.00
13	1.00	13	1.00	1.00	1.00
14	1.00	14	1.00	1.00	1.00
15	1.00	15	1.00	1.00	1.00
16	1.00	16	1.00	1.00	1.00
17	1.00	17	1.00	1.00	1.00
18	1.00	18	1.00	1.00	1.00
19	1.00	19	1.00	1.00	1.00
20	1.00	20	1.00	1.00	1.00
21	1.00	21	1.00	1.00	1.00
22	1.00	22	1.00	1.00	1.00
23	1.00	23	1.00	1.00	1.00
24	1.00	24	1.00	1.00	1.00
25	1.00	25	1.00	1.00	1.00
26	1.00	26	1.00	1.00	1.00
27	1.00	27	1.00	1.00	1.00
28	1.00	28	1.00	1.00	1.00
29	1.00	29	1.00	1.00	1.00
30	1.00	30	1.00	1.00	1.00
31	1.00	31	1.00	1.00	1.00
32	1.00	32	1.00	1.00	1.00
33	1.00	33	1.00	1.00	1.00
34	1.00	34	1.00	1.00	1.00
35	1.00	35	1.00	1.00	1.00
36	1.00	36	1.00	1.00	1.00
37	1.00	37	1.00	1.00	1.00
38	1.00	38	1.00	1.00	1.00
39	1.00	39	1.00	1.00	1.00
40	1.00	40	1.00	1.00	1.00
41	1.00	41	1.00	1.00	1.00
42	1.00	42	1.00	1.00	1.00
43	1.00	43	1.00	1.00	1.00
44	1.00	44	1.00	1.00	1.00
45	1.00	45	1.00	1.00	1.00
46	1.00	46	1.00	1.00	1.00
47	1.00	47	1.00	1.00	1.00
48	1.00	48	1.00	1.00	1.00
49	1.00	49	1.00	1.00	1.00
50	1.00	50	1.00	1.00	1.00
51	1.00	51	1.00	1.00	1.00
52	1.00	52	1.00	1.00	1.00
53	1.00	53	1.00	1.00	1.00
54	1.00	54	1.00	1.00	1.00
55	1.00	55	1.00	1.00	1.00
56	1.00	56	1.00	1.00	1.00
57	1.00	57	1.00	1.00	1.00
58	1.00	58	1.00	1.00	1.00
59	1.00	59	1.00	1.00	1.00
60	1.00	60	1.00	1.00	1.00
61	1.00	61	1.00	1.00	1.00
62	1.00	62	1.00	1.00	1.00
63	1.00	63	1.00	1.00	1.00
64	1.00	64	1.00	1.00	1.00
65	1.00	65	1.00	1.00	1.00
66	1.00	66	1.00	1.00	1.00
67	1.00	67	1.00	1.00	1.00
68	1.00	68	1.00	1.00	1.00
69	1.00	69	1.00	1.00	1.00
70	1.00	70	1.00	1.00	1.00
71	1.00	71	1.00	1.00	1.00
72	1.00	72	1.00	1.00	1.00
73	1.00	73	1.00	1.00	1.00
74	1.00	74	1.00	1.00	1.00
75	1.00	75	1.00	1.00	1.00
76	1.00	76	1.00	1.00	1.00
77	1.00	77	1.00	1.00	1.00
78	1.00	78	1.00	1.00	1.00
79	1.00	79	1.00	1.00	1.00
80	1.00	80	1.00	1.00	1.00
81	1.00	81	1.00	1.00	1.00
82	1.00	82	1.00	1.00	1.00
83	1.00	83	1.00	1.00	1.00
84	1.00	84	1.00	1.00	1.00
85	1.00	85	1.00	1.00	1.00
86	1.00	86	1.00	1.00	1.00
87	1.00	87	1.00	1.00	1.00
88	1.00	88	1.00	1.00	1.00
89	1.00	89	1.00	1.00	1.00
90	1.00	90	1.00	1.00	1.00
91	1.00	91	1.00	1.00	1.00
92	1.00	92	1.00	1.00	1.00
93	1.00	93	1.00	1.00	1.00
94	1.00	94	1.00	1.00	1.00
95	1.00	95	1.00	1.00	1.00
96	1.00	96	1.00	1.00	1.00
97	1.00	97	1.00	1.00	1.00
98	1.00	98	1.00	1.00	1.00
99	1.00	99	1.00	1.00	1.00
100	1.00	100	1.00	1.00	1.00

NET BWP AREA CALC. FOR TYPICAL REFUGE FLOOR

		AREA OF BLOCK		STANDARD DEVIATION	TOTAL AREA
NO.	AREA OF BLOCK	NO.	AREA OF BLOCK		
1	1.00	1	1.00	1.00	1.00
2	1.00	2	1.00	1.00	1.00
3	1.00	3	1.00	1.00	1.00
4	1.00	4	1.00	1.00	1.00
5	1.00	5	1.00	1.00	1.00
6	1.00	6	1.00	1.00	1.00
7	1.00	7	1.00	1.00	1.00
8	1.00	8	1.00	1.00	1.00
9	1.00	9	1.00	1.00	1