

AREA DIAGRAM & CALCULATIONS

BUILDING - 1

SCALE 1:100



BLOCK A	15.625	X	20.300	X	1	=	317.188	SQM	101	1/2(2.885+0.685) X 2.20	=	3.927	SQM
BLOCK B	16.1	X	11.950	X	1	=	192.395	SQM	102	1/2(1.945+0.761) X 1.184	=	1.602	SQM
BLOCK C	14.925	X	20.300	X	1	=	302.978	SQM	103	1.945 X 1.945 X 0.5	=	1.892	SQM
BLOCK D	12.659	X	40.419	X	1	=	511.664	SQM	104	1.511 X 2.75 X 1	=	4.155	SQM
BLOCK E	7.141	X	10.300	X	1	=	73.552	SQM	105	1/2(1.974+3.411) X 1.437	=	3.869	SQM
BLOCK F	82.314	X	13.381	X	1	=	1101.444	SQM	106	1.396 X 1.396 X 0.5	=	0.974	SQM
BLOCK G	10.85	X	7.194	X	1	=	78.055	SQM	107	5.6 X 1.675 X 1	=	9.380	SQM
BLOCK H	13.85	X	34.748	X	1	=	481.260	SQM	108	3.05 X 1 X 1	=	3.050	SQM
Deduction									109	3.05 X 1.3 X 1	=	3.965	SQM
1	2.825	X	2.45	X	1	=	6.921	SQM	110	2.925 X 2.05 X 1	=	5.996	SQM
2	1.35	X	1.763	X	1	=	2.380	SQM	111	1.495 X 3.55 X 1	=	5.307	SQM
3	1.8	X	0.588	X	1	=	0.843	SQM	112	2.105 X 6.85 X 1	=	14.419	SQM
4	3.025	X	2.725	X	1	=	8.243	SQM	113	2.55 X 6.3 X 1	=	16.065	SQM
5	1.075	X	2.875	X	1	=	4.816	SQM	113a	0.185 X 5.4 X 1	=	0.999	SQM
6	0.45	X	0.588	X	11	=	2.911	SQM	114	1.495 X 3 X 2	=	8.970	SQM
7	1.475	X	2.45	X	1	=	3.614	SQM	115	1.52 X 1.5 X 2	=	4.560	SQM
8	6.989	X	1.825	X	1	=	12.755	SQM	116	1.525 X 2.4 X 2	=	7.320	SQM
9	8.1	X	3.275	X	1	=	26.528	SQM	117	2.875 X 2.556 X 1	=	7.349	SQM
10	2.45	X	1.475	X	2	=	7.228	SQM	118	0.588 X 1.331 X 1	=	0.783	SQM
11	1.2	X	1.805	X	1	=	2.166	SQM	119	1.763 X 0.881 X 1	=	1.553	SQM
12	0.75	X	3.3	X	1	=	2.475	SQM	120	3.05 X 1.881 X 1	=	5.737	SQM
13	1.764	X	5.925	X	1	=	10.452	SQM	121	3.05 X 2.181 X 1	=	6.652	SQM
14	2.916	X	3.339	X	1	=	9.737	SQM	122	1.788 X 0.881 X 1	=	1.575	SQM
15	1.495	X	2.139	X	1	=	3.198	SQM	122a	0.613 X 1.331 X 1	=	0.816	SQM
16	1.389	X	1.389	X	0.5	=	0.965	SQM	123	3.025 X 1.631 X 1	=	4.934	SQM
17	4.411	X	4.411	X	0.5	=	9.728	SQM	124	3.725 X 0.981 X 1	=	3.654	SQM
18	1.35	X	1.495	X	1	=	2.018	SQM	125	0.75 X 1.319 X 2	=	1.979	SQM
19	3.75	X	1.805	X	1	=	6.769	SQM	126	1.2 X 0.725 X 2	=	1.740	SQM
20	5.45	X	2.45	X	1	=	13.353	SQM	127	0.45 X 0.613 X 11	=	3.034	SQM
21	3.975	X	1.763	X	1	=	7.008	SQM	128	1.75 X 2.725 X 2	=	9.538	SQM
22	4.425	X	3.463	X	1	=	15.324	SQM	129	3.75 X 2.135 X 1	=	8.006	SQM
23	1.225	X	2.875	X	1	=	3.522	SQM	130	1.35 X 1.495 X 1	=	2.018	SQM
24	3.461	X	1.736	X	0.5	=	3.004	SQM	131	5.1 X 3.1 X 1	=	15.810	SQM
25	1.9	X	1.8	X	7	=	23.940	SQM	132	1.725 X 3.1 X 1	=	5.348	SQM
26	1/2(2.455+0.235) X 2.2	=	2.981	SQM					133	3.725 X 0.981 X 1	=	3.654	SQM
27	1/2(1.917+1.083) X 0.833	=	1.250	SQM					134	5.125 X 3.1 X 1	=	15.888	SQM
28	2.711	X	1.354	X	0.5	=	1.838	SQM	135	1.275 X 2.5 X 2	=	6.375	SQM
29	2.75	X	1.671	X	1	=	4.595	SQM	136	1.52 X 2.05 X 2	=	6.232	SQM
30	2.184	X	2.184	X	0.5	=	2.385	SQM	137	1.495 X 2.8 X 2	=	8.372	SQM
31	1/2(2.184+0.797) X 1.387	=	2.067	SQM					138	1.41 X 4 X 2	=	11.280	SQM
32	2.875	X	1.675	X	2	=	9.631	SQM	139	2.2 X 1.8 X 1	=	3.960	SQM
33	2.925	X	1.5	X	2	=	8.775	SQM	140	4.65 X 0.45 X 1	=	2.093	SQM
34	1.495	X	3	X	2	=	8.970	SQM	141	5.9 X 0.75 X 2	=	8.850	SQM
35	4.36	X	6.3	X	1	=	27.468	SQM	142	6.25 X 1.3 X 1	=	8.125	SQM
36	5.6	X	1.225	X	2	=	13.720	SQM	143	3.35 X 1.3 X 1	=	4.355	SQM
37	6.775	X	0.45	X	2	=	6.098	SQM	144	2.044 X 2.425 X 1	=	4.957	SQM
38	5.65	X	1	X	3	=	16.950	SQM	145	2.15 X 0.675 X 2	=	2.903	SQM
39	0.895	X	3.275	X	1	=	2.931	SQM	146	1.788 X 0.175 X 2	=	0.626	SQM
40	6.505	X	5.45	X	1	=	35.452	SQM	147	0.613 X 0.625 X 2	=	0.766	SQM
41	3.23	X	1.805	X	1	=	5.830	SQM	148	6.226 X 1.325 X 1	=	8.249	SQM
42	2.7	X	1.95	X	2	=	10.530	SQM	149	2.194 X 2.425 X 1	=	5.320	SQM
43	1.495	X	0.75	X	2	=	2.243	SQM	150	5.5 X 5.311 X 1	=	29.211	SQM
44	1/2 X (6.15 X 6.15)	=	37.823	SQM					151	2.25 X 0.45 X 2	=	2.025	SQM
45	2.03	X	1.495	X	1	=	3.035	SQM	152	2.435 X 5.4 X 1	=	13.149	SQM
46	1.28	X	2.625	X	1	=	3.360	SQM	153	1.175 X 1.5 X 1	=	1.763	SQM
47	1.016	X	1.016	X	0.5	=	0.516	SQM	154	2.4 X 2.4 X 2	=	11.520	SQM
48	1.396	X	1.016	X	1	=	1.418	SQM	155	1.8 X 3 X 2	=	10.800	SQM
49	2.412	X	2.412	X	0.5	=	2.909	SQM	156	1.519 X 1.5 X 1	=	2.279	SQM
50	0.3	X	2.75	X	1	=	0.825	SQM	157	1.52 X 2.4 X 1	=	3.648	SQM
51	3.578	X	3.578	X	0.5	=	6.401	SQM	158	3.025 X 1.631 X 1	=	4.934	SQM
52	1/2(3.578+2.722) X 0.856	=	2.696	SQM					159	0.613 X 1.331 X 1	=	0.816	SQM
53	4.75	X	2.875	X	1	=	13.656	SQM	160	1.788 X 0.881 X 1	=	1.575	SQM
54	3.3	X	0.588	X	1	=	1.940	SQM	161	3.35 X 2.181 X 1	=	7.306	SQM
55	2.85	X	1.763	X	1	=	5.025	SQM	162	2.044 X 2.656 X 1	=	5.429	SQM
56	3.85	X	2.1	X	1	=	8.085	SQM	163	2.15 X 0.906 X 1	=	1.948	SQM
57	1.558	X	0.074	X	0.5	=	0.058	SQM	164	1.788 X 0.406 X 1	=	0.726	SQM
58	2.2	X	1.155	X	0.5	=	1.271	SQM	165	0.613 X 0.856 X 1	=	0.525	SQM
59	1/2(0.696+1.634) X 0.938	=	1.093	SQM					166	3.02 X 1.556 X 1	=	4.699	SQM
60	1	X	2.45	X	4	=	9.800	SQM	167	2.75 X 2.956 X 1	=	8.129	SQM
61	1.675	X	2.875	X	4	=	19.263	SQM	168	1.127 X 1.127 X 0.5	=	0.568	SQM
62	3.225	X	2.725	X	4	=	35.153	SQM	169	1/2(1.127+0.367) X 0.76	=	0.437	SQM
63	1.775	X	0.588	X	1	=	1.044	SQM	170	2.968 X 2.956 X 0.5	=	0.560	SQM
64	1.325	X	1.763	X	1	=	2.336	SQM	171	1/2(1.032+1.48) X 0.446	=	1.100	SQM
65	1.8	X	1.495	X	4	=	10.764	SQM	172	1.48 X 1.486 X 0.5	=	3.295	SQM
66	2.325	X	5.8	X	1	=	13.485	SQM	173	2.1 X 1.569 X 1	=	18.782	SQM
67	5.1	X	5.51	X	1	=	13.136	SQM	174	6.129 X 6.129 X 0.5	=	2.700	SQM
68	0.938	X	0.696	X	0.5	=	0.326	SQM	175	1.8 X 0.75 X 2	=	2.160	SQM
69	1.584	X	3.7	X	1	=	5.861	SQM	176	2.4 X 0.45 X 2	=	4.937	SQM
70	0.584	X	1.763	X	1	=	1.030	SQM	177	2.25 X 2.194 X 1	=	1.075	SQM
71	1.034	X	0.588	X	1	=	0.608	SQM	178	0.5 X 2.15 X 1	=	1.525	SQM
72	2.484	X	2.875	X	2	=	14.283	SQM	179	1.15 X 1.326 X 1	=	6.601	SQM
73	3.634	X	4.425	X	2	=	32.161	SQM	180	4.275 X 1.544 X 1	=	9.242	SQM
74	2.05	X	2.925	X	2	=	11.993	SQM	181	2.025 X 4.564 X 1	=	4.002	SQM
75	2.8	X	1.495	X	2	=	8.372	SQM	182	1.325 X 3.02 X 1	=	0.383	SQM
76	2.25	X	4.36	X	1	=	9.810	SQM	183	0.625 X 0.613 X 1	=	0.313	SQM
77	3.1	X	0.2	X	1	=	0.620	SQM	184	0.175 X 1.788 X 1	=	1.451	SQM
78	0.4	X	1.9	X	3	=	2.280	SQM	185	0.675 X 2.15 X 1	=	10.352	SQM
79	2.341	X	1.675	X	1	=	3.921	SQM	187	2.425 X 4.269 X 1	=	0.812	SQM
80	1.805	X	3.75	X	1	=	6.769	SQM	188	1.325 X 0.613 X 1	=	1.565	SQM
81	1.495	X	1.35	X	1	=	2.018	SQM	189	0.875 X 1.788 X 1	=	2.956	SQM
82	2.341	X	1.675	X	1	=	3.921	SQM	190	1.375 X 2.15 X 1	=	6.388	SQM
83	2.2	X	1.08	X	2	=	4.752	SQM	191	3.125 X 2.044 X 1	=	5.396	SQM
84	3.1	X	1.225	X	1	=	3.798	SQM	192	2.425 X 2.225 X 1	=	2.450	SQM
85	3.1	X	0.675	X	1	=	2.093	SQM	193	0.25 X 2.45 X 4	=	3.708	SQM
86	1.325	X	1.763	X	3	=	7.008	SQM	194	2.4 X 1.545 X 1	=	2.241	SQM
87	1.775	X	0.588	X	3	=	3.131	SQM	195	1.5 X 1.494 X 1	=	1.384	SQM
88	5.1	X	4.36	X	1	=	22.236	SQM	196	1.35 X 1.025 X 1	=	0.131	SQM
89	1.034	X	1.763	X	2	=	3.646	SQM	197	0.15 X 0.875 X 1	=	1.805	SQM
90	0.588	X	1.034	X	2	=	1.216	SQM	198	1.9 X 0.95 X 1	=	13.440	SQM
91	1.584	X	5.65	X	1	=	8.950	SQM	199	2.8 X 2.4 X 2	=	13.974	SQM
92	2.484	X	2.469	X	1	=	6.133	SQM	200	3.4 X 2.055 X 2	=	2.888	SQM
93	3.275	X	5.45	X	1	=	17.849	SQM	201	1.9 X 1.52 X 1	=	4.676	SQM
94	3.23	X	7.255	X	1	=	23.434	SQM	202	2.8 X 1.67 X 1	=	4.	