



Figure 12: Proposed Development and Existing Surroundings including 103 Camley St (Configuration 2) – View in the Wind Tunnel (view from south)



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Figure 13: Proposed Development and Cumulative Surroundings including 101 and 103 Camley St (Configuration 3) – View in the Wind Tunnel (view from north)

Appendix B: Meteorological Data

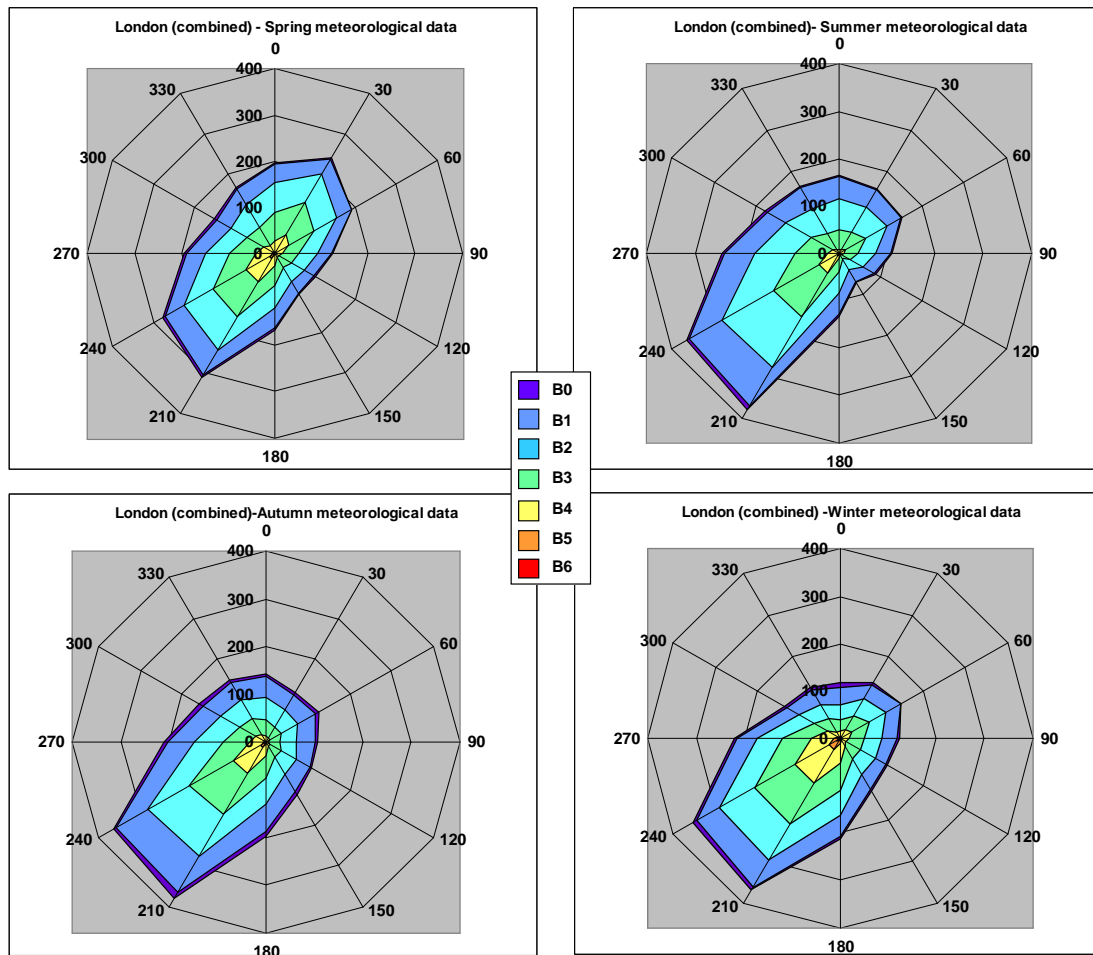


Figure 14: Seasonal wind roses for London, United Kingdom (in Beaufort Force)
(Hours that wind speed is greater than the stated Beaufort Force)

Appendix C: Lawson Comfort Criteria

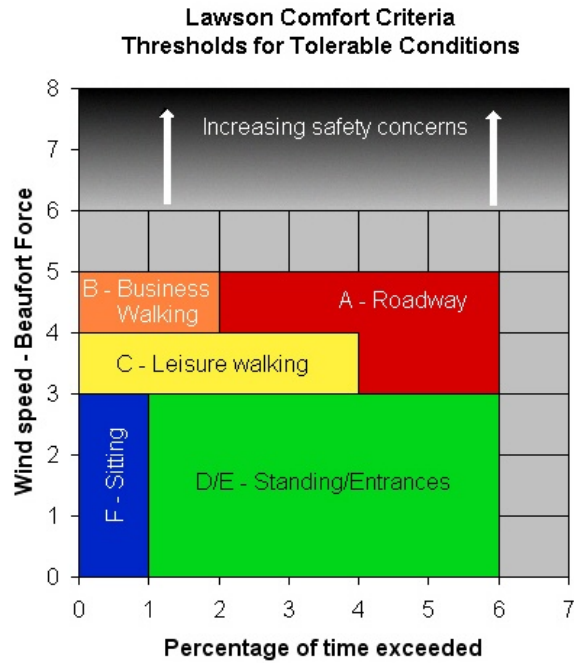


Figure 15: Graphical representation of the Lawson Comfort Criteria

DESCRIPTION	LETTER	THRESHOLD
Roads and Car Parks	A	6% > B5
Business Walking	B	2% > B5
Pedestrian Walk-through	C	4% > B4
Pedestrian Standing	D	6% > B3
Entrance Doors	E	6% > B3
Sitting	F	1% > B3

Table 3: Lawson Comfort Criteria

BEAUFORT FORCE	HOURLY-AVERAGE WIND SPEED (m/s)	DESCRIPTION OF WIND	NOTICEABLE WIND EFFECT
0	< 0.45	Calm	Smoke rises vertically
1	0.45 – 1.55	Light Air	Direction shown by smoke drift but not by vanes
2	1.55 – 3.35	Light Breeze	Wind felt on face; leaves rustle; wind vane moves
3	3.35 – 5.60	Gentle Breeze	Leaves & twigs in motion; wind extends a flag
4	5.60 – 8.25	Moderate Breeze	Raises dust and loose paper; small branches move
5	8.25 – 10.95	Fresh Breeze	Small trees, in leaf, sway
6	10.95 - 14.10	Strong Breeze	Large branches begin to move; telephone wires whistle
7	14.10 - 17.20	Near Gale	Whole trees in motion
8	17.20 - 20.80	Gale	Twigs break off; personal progress impeded
9	20.80 - 24.35	Strong Gale	Slight structural damage; chimney pots removed
10	24.35 - 28.40	Storm	Trees uprooted; considerable structural damage
11	28.40 - 32.40	Violent Storm	Damage is widespread; unusual in the U.K.
12	> 32.40	Hurricane	Countryside is devastated; only occurs in tropical countries

Table 4: The Beaufort Land Scale



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Appendix D: Comfort Criteria Results

Results are presented for both mean wind speeds and gust wind speeds for the three Configurations tested in the wind tunnel. In each table the first column contains the location numbers. The remaining columns are the pedestrian activity for which the measured wind conditions were tolerable.

Location	All	Spring	Summer	Autumn	Winter
1	Sitting	Sitting	Sitting	Sitting	Sitting
2	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
3	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
4	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
5	Sitting	Sitting	Sitting	Sitting	Sitting
6	Sitting	Sitting	Sitting	Sitting	Sitting
7	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
8	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
9	Sitting	Sitting	Sitting	Sitting	Sitting
10	Sitting	Sitting	Sitting	Sitting	Sitting
11	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
12	Sitting	Sitting	Sitting	Sitting	Sitting
13	Sitting	Sitting	Sitting	Sitting	Sitting
14	Sitting	Sitting	Sitting	Sitting	Sitting
15	Sitting	Sitting	Sitting	Sitting	Sitting
16	Sitting	Sitting	Sitting	Sitting	Sitting
17	Sitting	Sitting	Sitting	Sitting	Sitting
18	Sitting	Sitting	Sitting	Sitting	Sitting
19	Sitting	Sitting	Sitting	Sitting	Sitting
20	Sitting	Sitting	Sitting	Sitting	Sitting
21	Sitting	Sitting	Sitting	Sitting	Sitting
22	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
23	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
24	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
25	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
26	Sitting	Sitting	Sitting	Sitting	Sitting
27	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
28	Sitting	Sitting	Sitting	Sitting	Sitting
29	Sitting	Sitting	Sitting	Sitting	Sitting
30	Sitting	Sitting	Sitting	Sitting	Sitting
31	Sitting	Sitting	Sitting	Sitting	Sitting
32	Sitting	Sitting	Sitting	Sitting	Sitting
33	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
34	Sitting	Sitting	Sitting	Sitting	Sitting
35	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
36	Sitting	Sitting	Sitting	Sitting	Sitting
37	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
38	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
39	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
40	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
41	Sitting	Sitting	Sitting	Sitting	Sitting
42	Sitting	Sitting	Sitting	Sitting	Sitting
43	Sitting	Sitting	Sitting	Sitting	Sitting
44	Sitting	Standing/Entrance	Sitting	Sitting	Sitting
45	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
46	Sitting	Sitting	Sitting	Sitting	Sitting
47	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance



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48	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
49	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
50	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
51	Sitting	Sitting	Sitting	Sitting	Sitting
52	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
53	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
54	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
55	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
56	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
57	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
58	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
59	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
60	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
61	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
62	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
63	Sitting	Sitting	Sitting	Sitting	Sitting
64	Sitting	Sitting	Sitting	Sitting	Sitting
65	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
66	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
67	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
68	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
69	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
70	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
71	Sitting	Sitting	Sitting	Sitting	Sitting
72	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
73	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
74	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
75	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
76	Sitting	Sitting	Sitting	Sitting	Sitting
77	Sitting	Sitting	Sitting	Sitting	Sitting
78	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
79	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
80	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
81	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
82	Sitting	Sitting	Sitting	Sitting	Sitting
83	Leisure Walking	Leisure Walking	Standing/Entrance	Leisure Walking	Leisure Walking
84	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
85	Sitting	Sitting	Sitting	Sitting	Sitting
86	Sitting	Sitting	Sitting	Sitting	Sitting
87	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
88	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
96	Sitting	Sitting	Sitting	Sitting	Sitting
99	Sitting	Sitting	Sitting	Sitting	Sitting
110	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
111	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
112	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
113	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
114	Sitting	Sitting	Sitting	Sitting	Sitting
115	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
116	Sitting	Sitting	Sitting	Sitting	Standing/Entrance



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117	Sitting	Sitting	Sitting	Sitting	Sitting
118	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
119	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
120	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
121	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
122	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
123	Sitting	Sitting	Sitting	Sitting	Sitting
124	Sitting	Sitting	Sitting	Sitting	Sitting
129	Sitting	Sitting	Sitting	Sitting	Sitting
130	Sitting	Sitting	Sitting	Sitting	Sitting
131	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
132	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
133	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
135	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
141	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
142	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
143	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
144	Sitting	Sitting	Sitting	Sitting	Sitting
145	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
147	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
148	Sitting	Sitting	Sitting	Sitting	Sitting
149	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
151	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
152	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
153	Sitting	Sitting	Sitting	Sitting	Sitting
154	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
155	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
156	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
157	Sitting	Sitting	Sitting	Sitting	Sitting
158	Sitting	Sitting	Sitting	Sitting	Sitting
159	Sitting	Sitting	Sitting	Sitting	Sitting
160	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
161	Sitting	Sitting	Sitting	Sitting	Sitting
162	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
163	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
164	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
173	Sitting	Sitting	Sitting	Sitting	Sitting
181	Sitting	Sitting	Sitting	Sitting	Sitting
184	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
187	Sitting	Sitting	Sitting	Sitting	Sitting
194	Sitting	Sitting	Sitting	Sitting	Sitting
195	Sitting	Sitting	Sitting	Sitting	Sitting
196	Sitting	Sitting	Sitting	Sitting	Sitting
207	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
214	Sitting	Sitting	Sitting	Sitting	Sitting
215	Sitting	Sitting	Sitting	Sitting	Sitting
216	Sitting	Sitting	Sitting	Sitting	Sitting

Table 5: Comfort Criteria Derived From Mean Wind Speeds – Configuration 1



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Location	All	Spring	Summer	Autumn	Winter
1	Sitting	Sitting	Sitting	Sitting	Sitting
2	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
3	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
4	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
5	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
6	Sitting	Sitting	Sitting	Sitting	Sitting
7	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
8	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
9	Sitting	Sitting	Sitting	Sitting	Sitting
10	Sitting	Sitting	Sitting	Sitting	Sitting
11	Sitting	Sitting	Sitting	Sitting	Sitting
12	Sitting	Sitting	Sitting	Sitting	Sitting
13	Sitting	Sitting	Sitting	Sitting	Sitting
14	Sitting	Sitting	Sitting	Sitting	Sitting
15	Sitting	Sitting	Sitting	Sitting	Sitting
16	Sitting	Sitting	Sitting	Sitting	Sitting
17	Sitting	Sitting	Sitting	Sitting	Sitting
18	Sitting	Sitting	Sitting	Sitting	Sitting
19	Sitting	Sitting	Sitting	Sitting	Sitting
20	Sitting	Sitting	Sitting	Sitting	Sitting
21	Sitting	Sitting	Sitting	Sitting	Sitting
22	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
23	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
24	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
25	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
26	Sitting	Sitting	Sitting	Sitting	Sitting
27	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
28	Sitting	Sitting	Sitting	Sitting	Sitting
29	Sitting	Sitting	Sitting	Sitting	Sitting
30	Sitting	Sitting	Sitting	Sitting	Sitting
31	Sitting	Sitting	Sitting	Sitting	Sitting
32	Sitting	Sitting	Sitting	Sitting	Sitting
33	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
34	Sitting	Sitting	Sitting	Sitting	Sitting
35	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
36	Sitting	Sitting	Sitting	Sitting	Sitting
37	Sitting	Sitting	Sitting	Sitting	Sitting
38	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
39	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
40	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
41	Sitting	Sitting	Sitting	Sitting	Sitting
42	Sitting	Sitting	Sitting	Sitting	Sitting
43	Sitting	Sitting	Sitting	Sitting	Sitting
44	Sitting	Sitting	Sitting	Sitting	Sitting
45	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
46	Sitting	Sitting	Sitting	Sitting	Sitting
47	Sitting	Sitting	Sitting	Sitting	Sitting
48	Sitting	Sitting	Sitting	Sitting	Sitting



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49	Sitting	Sitting	Sitting	Sitting	Sitting
50	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
51	Sitting	Sitting	Sitting	Sitting	Sitting
52	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
53	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
54	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
55	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
56	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
57	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
58	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
59	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
60	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
61	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
62	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
63	Sitting	Sitting	Sitting	Sitting	Sitting
64	Sitting	Sitting	Sitting	Sitting	Sitting
65	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
66	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
67	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
68	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
69	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
70	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
71	Sitting	Sitting	Sitting	Sitting	Sitting
72	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
73	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
74	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
75	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
76	Sitting	Sitting	Sitting	Sitting	Sitting
77	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
78	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
79	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
80	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
81	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
82	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
83	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
84	Sitting	Sitting	Sitting	Sitting	Sitting
85	Sitting	Sitting	Sitting	Sitting	Sitting
86	Sitting	Sitting	Sitting	Sitting	Sitting
87	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
88	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
96	Sitting	Sitting	Sitting	Sitting	Sitting
99	Sitting	Sitting	Sitting	Sitting	Sitting
110	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
111	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
112	Sitting	Sitting	Sitting	Sitting	Sitting
113	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
114	Sitting	Sitting	Sitting	Sitting	Sitting
115	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
116	Sitting	Sitting	Sitting	Sitting	Sitting
117	Sitting	Sitting	Sitting	Sitting	Sitting



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118	Sitting	Sitting	Sitting	Sitting	Sitting
119	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
120	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
121	Sitting	Sitting	Sitting	Sitting	Sitting
122	Sitting	Sitting	Sitting	Sitting	Sitting
123	Sitting	Sitting	Sitting	Sitting	Sitting
124	Sitting	Sitting	Sitting	Sitting	Sitting
129	Sitting	Sitting	Sitting	Sitting	Sitting
130	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
131	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
132	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
133	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
135	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
141	Sitting	Sitting	Sitting	Sitting	Sitting
142	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
143	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
144	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
145	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
147	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
148	Sitting	Sitting	Sitting	Sitting	Sitting
149	Sitting	Sitting	Sitting	Sitting	Sitting
151	Standing/Entrance	Sitting	Sitting	Standing/Entrance	Standing/Entrance
152	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
153	Sitting	Sitting	Sitting	Sitting	Sitting
154	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
155	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
156	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
157	Sitting	Sitting	Sitting	Sitting	Sitting
158	Sitting	Sitting	Sitting	Sitting	Sitting
159	Sitting	Sitting	Sitting	Sitting	Sitting
160	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
161	Sitting	Sitting	Sitting	Sitting	Sitting
162	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
163	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
164	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
173	Sitting	Sitting	Sitting	Sitting	Sitting
181	Sitting	Sitting	Sitting	Sitting	Sitting
184	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
187	Sitting	Sitting	Sitting	Sitting	Sitting
194	Sitting	Sitting	Sitting	Sitting	Sitting
195	Sitting	Sitting	Sitting	Sitting	Sitting
196	Sitting	Sitting	Sitting	Sitting	Sitting
207	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
214	Sitting	Sitting	Sitting	Sitting	Sitting
215	Sitting	Sitting	Sitting	Sitting	Sitting
216	Sitting	Sitting	Sitting	Sitting	Sitting

Table 6: Comfort Criteria Derived From Gust Wind Speeds – Configuration 1



CONSULTING ENGINEERS
 & SCIENTISTS

Location	All	Spring	Summer	Autumn	Winter
1	Sitting	Sitting	Sitting	Sitting	Sitting
2	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
3	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
4	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
5	Sitting	Sitting	Sitting	Sitting	Sitting
6	Sitting	Sitting	Sitting	Sitting	Sitting
7	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
8	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
9	Sitting	Sitting	Sitting	Sitting	Sitting
10	Sitting	Sitting	Sitting	Sitting	Sitting
11	Sitting	Sitting	Sitting	Sitting	Sitting
12	Sitting	Sitting	Sitting	Sitting	Sitting
13	Sitting	Sitting	Sitting	Sitting	Sitting
14	Sitting	Sitting	Sitting	Sitting	Sitting
15	Sitting	Sitting	Sitting	Sitting	Sitting
16	Sitting	Sitting	Sitting	Sitting	Sitting
17	Sitting	Sitting	Sitting	Sitting	Sitting
18	Sitting	Sitting	Sitting	Sitting	Sitting
19	Sitting	Sitting	Sitting	Sitting	Sitting
20	Sitting	Sitting	Sitting	Sitting	Sitting
21	Sitting	Sitting	Sitting	Sitting	Sitting
22	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
23	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
24	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
25	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
26	Sitting	Sitting	Sitting	Sitting	Sitting
27	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
28	Sitting	Sitting	Sitting	Sitting	Sitting
29	Sitting	Sitting	Sitting	Sitting	Sitting
30	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
31	Sitting	Sitting	Sitting	Sitting	Sitting
32	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
33	Leisure Walking	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
34	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
35	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
36	Sitting	Sitting	Sitting	Sitting	Sitting
37	Sitting	Sitting	Sitting	Sitting	Sitting
38	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
39	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
40	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
41	Sitting	Sitting	Sitting	Sitting	Sitting
42	Sitting	Sitting	Sitting	Sitting	Sitting
43	Sitting	Sitting	Sitting	Sitting	Sitting
44	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
45	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
46	Sitting	Sitting	Sitting	Sitting	Sitting
47	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
48	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
49	Sitting	Sitting	Sitting	Sitting	Standing/Entrance



CONSULTING ENGINEERS
& SCIENTISTS

50	Standing/Entrance	Sitting	Sitting	Standing/Entrance	Standing/Entrance
51	Sitting	Sitting	Sitting	Sitting	Sitting
52	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
53	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
54	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
55	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
56	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
57	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
58	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
59	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
60	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
61	Sitting	Sitting	Sitting	Sitting	Sitting
62	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
63	Sitting	Sitting	Sitting	Sitting	Sitting
64	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
65	Leisure Walking	Leisure Walking	Leisure Walking	Leisure Walking	Leisure Walking
66	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
67	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
68	Leisure Walking	Leisure Walking	Leisure Walking	Leisure Walking	Leisure Walking
69	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
70	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
71	Sitting	Sitting	Sitting	Sitting	Sitting
72	Sitting	Sitting	Sitting	Sitting	Sitting
73	Sitting	Sitting	Sitting	Sitting	Sitting
74	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
75	Sitting	Sitting	Sitting	Sitting	Sitting
76	Sitting	Sitting	Sitting	Sitting	Sitting
77	Sitting	Sitting	Sitting	Sitting	Sitting
78	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
79	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
80	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
81	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
82	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
83	Leisure Walking	Leisure Walking	Standing/Entrance	Leisure Walking	Leisure Walking
84	Sitting	Sitting	Sitting	Sitting	Sitting
85	Sitting	Sitting	Sitting	Sitting	Sitting
86	Sitting	Sitting	Sitting	Sitting	Sitting
87	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
88	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
89	Leisure Walking	Leisure Walking	Standing/Entrance	Leisure Walking	Leisure Walking
90	Leisure Walking	Leisure Walking	Standing/Entrance	Standing/Entrance	Leisure Walking
91	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
92	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
93	Sitting	Sitting	Sitting	Sitting	Sitting
94	Sitting	Sitting	Sitting	Sitting	Sitting
95	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
96	Sitting	Sitting	Sitting	Sitting	Sitting
97	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
99	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
100	Sitting	Sitting	Sitting	Sitting	Standing/Entrance



CONSULTING ENGINEERS
& SCIENTISTS

101	Sitting	Sitting	Sitting	Sitting	Sitting
102	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
103	Sitting	Sitting	Sitting	Sitting	Sitting
104	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
105	Sitting	Sitting	Sitting	Sitting	Sitting
106	Sitting	Sitting	Sitting	Sitting	Sitting
107	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
108	Leisure Walking	Leisure Walking	Leisure Walking	Leisure Walking	Business Walking
109	Sitting	Sitting	Sitting	Sitting	Sitting
110	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
111	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
112	Sitting	Sitting	Sitting	Sitting	Sitting
113	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
114	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
115	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
116	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
117	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
118	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
119	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
120	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
121	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
122	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
123	Sitting	Sitting	Sitting	Sitting	Sitting
124	Sitting	Sitting	Sitting	Sitting	Sitting
129	Sitting	Sitting	Sitting	Sitting	Sitting
130	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
131	Leisure Walking	Leisure Walking	Standing/Entrance	Standing/Entrance	Leisure Walking
132	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
133	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
135	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
139	Sitting	Sitting	Sitting	Sitting	Sitting
141	Sitting	Sitting	Sitting	Sitting	Sitting
142	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
143	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
144	Sitting	Sitting	Sitting	Sitting	Sitting
145	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
147	Sitting	Sitting	Sitting	Sitting	Sitting
148	Sitting	Sitting	Sitting	Sitting	Sitting
149	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
151	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
152	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
153	Sitting	Sitting	Sitting	Sitting	Sitting
154	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
155	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
156	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
157	Sitting	Sitting	Sitting	Sitting	Sitting
158	Sitting	Sitting	Sitting	Sitting	Sitting
159	Sitting	Sitting	Sitting	Sitting	Sitting
160	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
161	Sitting	Sitting	Sitting	Sitting	Sitting



CONSULTING ENGINEERS
 & SCIENTISTS

162	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
163	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
164	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
165	Sitting	Sitting	Sitting	Sitting	Sitting
166	Sitting	Sitting	Sitting	Sitting	Sitting
167	Sitting	Sitting	Sitting	Sitting	Sitting
168	Sitting	Sitting	Sitting	Sitting	Sitting
169	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
170	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
171	Sitting	Sitting	Sitting	Sitting	Sitting
173	Sitting	Sitting	Sitting	Sitting	Sitting
181	Sitting	Sitting	Sitting	Sitting	Sitting
182	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
184	Sitting	Sitting	Sitting	Sitting	Sitting
186	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
195	Sitting	Sitting	Sitting	Sitting	Sitting
196	Sitting	Sitting	Sitting	Sitting	Sitting
207	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
208	Sitting	Sitting	Sitting	Sitting	Sitting
209	Sitting	Sitting	Sitting	Sitting	Sitting
210	Sitting	Sitting	Sitting	Sitting	Sitting
211	Sitting	Sitting	Sitting	Sitting	Sitting
212	Sitting	Sitting	Sitting	Sitting	Sitting
213	Sitting	Sitting	Sitting	Sitting	Sitting
214	Sitting	Sitting	Sitting	Sitting	Sitting
215	Sitting	Sitting	Sitting	Sitting	Sitting
216	Sitting	Sitting	Sitting	Sitting	Sitting

Table 7: Comfort Criteria Derived From Mean Wind Speeds – Configuration 2



CONSULTING ENGINEERS
& SCIENTISTS

Location	All	Spring	Summer	Autumn	Winter
1	Sitting	Sitting	Sitting	Sitting	Sitting
2	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
3	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
4	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
5	Sitting	Sitting	Sitting	Sitting	Sitting
6	Sitting	Sitting	Sitting	Sitting	Sitting
7	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
8	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
9	Sitting	Sitting	Sitting	Sitting	Sitting
10	Sitting	Sitting	Sitting	Sitting	Sitting
11	Sitting	Sitting	Sitting	Sitting	Sitting
12	Sitting	Sitting	Sitting	Sitting	Sitting
13	Sitting	Sitting	Sitting	Sitting	Sitting
14	Sitting	Sitting	Sitting	Sitting	Sitting
15	Sitting	Sitting	Sitting	Sitting	Sitting
16	Sitting	Sitting	Sitting	Sitting	Sitting
17	Sitting	Sitting	Sitting	Sitting	Sitting
18	Sitting	Sitting	Sitting	Sitting	Sitting
19	Sitting	Sitting	Sitting	Sitting	Sitting
20	Sitting	Sitting	Sitting	Sitting	Sitting
21	Sitting	Sitting	Sitting	Sitting	Sitting
22	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
23	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
24	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
25	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
26	Sitting	Sitting	Sitting	Sitting	Sitting
27	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
28	Sitting	Sitting	Sitting	Sitting	Sitting
29	Sitting	Sitting	Sitting	Sitting	Sitting
30	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
31	Sitting	Sitting	Sitting	Sitting	Sitting
32	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
33	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
34	Sitting	Sitting	Sitting	Sitting	Sitting
35	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
36	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
37	Sitting	Sitting	Sitting	Sitting	Sitting
38	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
39	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
40	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
41	Sitting	Sitting	Sitting	Sitting	Sitting
42	Sitting	Sitting	Sitting	Sitting	Sitting
43	Sitting	Sitting	Sitting	Sitting	Sitting
44	Sitting	Sitting	Sitting	Sitting	Sitting
45	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
46	Sitting	Sitting	Sitting	Sitting	Sitting
47	Sitting	Sitting	Sitting	Sitting	Sitting
48	Sitting	Sitting	Sitting	Sitting	Sitting
49	Sitting	Sitting	Sitting	Sitting	Sitting



CONSULTING ENGINEERS
 & SCIENTISTS

50	Standing/Entrance	Sitting	Sitting	Standing/Entrance	Standing/Entrance
51	Sitting	Sitting	Sitting	Sitting	Sitting
52	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
53	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
54	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
55	Sitting	Sitting	Sitting	Sitting	Sitting
56	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
57	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
58	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
59	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
60	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
61	Sitting	Sitting	Sitting	Sitting	Sitting
62	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
63	Sitting	Sitting	Sitting	Sitting	Sitting
64	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
65	Leisure Walking	Leisure Walking	Standing/Entrance	Leisure Walking	Leisure Walking
66	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
67	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
68	Leisure Walking	Leisure Walking	Standing/Entrance	Leisure Walking	Leisure Walking
69	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
70	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
71	Sitting	Sitting	Sitting	Sitting	Sitting
72	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
73	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
74	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
75	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
76	Sitting	Sitting	Sitting	Sitting	Sitting
77	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
78	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
79	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
80	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
81	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
82	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
83	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
84	Sitting	Sitting	Sitting	Sitting	Sitting
85	Sitting	Sitting	Sitting	Sitting	Sitting
86	Sitting	Sitting	Sitting	Sitting	Sitting
87	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
88	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
89	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
90	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
91	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
92	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
93	Sitting	Sitting	Sitting	Sitting	Sitting
94	Sitting	Sitting	Sitting	Sitting	Sitting
95	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
96	Sitting	Sitting	Sitting	Sitting	Sitting
97	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
99	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
100	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance



CONSULTING ENGINEERS
 & SCIENTISTS

101	Sitting	Sitting	Sitting	Sitting	Sitting
102	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
103	Sitting	Sitting	Sitting	Sitting	Sitting
104	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
105	Sitting	Sitting	Sitting	Sitting	Sitting
106	Sitting	Sitting	Sitting	Sitting	Sitting
107	Sitting	Sitting	Sitting	Sitting	Sitting
108	Leisure Walking	Leisure Walking	Standing/Entrance	Leisure Walking	Leisure Walking
109	Sitting	Sitting	Sitting	Sitting	Sitting
110	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
111	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
112	Sitting	Sitting	Sitting	Sitting	Sitting
113	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
114	Sitting	Sitting	Sitting	Sitting	Sitting
115	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
116	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
117	Sitting	Sitting	Sitting	Sitting	Sitting
118	Sitting	Sitting	Sitting	Sitting	Sitting
119	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
120	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
121	Sitting	Sitting	Sitting	Sitting	Sitting
122	Sitting	Sitting	Sitting	Sitting	Sitting
123	Sitting	Sitting	Sitting	Sitting	Sitting
124	Sitting	Sitting	Sitting	Sitting	Sitting
129	Sitting	Sitting	Sitting	Sitting	Sitting
130	Sitting	Sitting	Sitting	Sitting	Sitting
131	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
132	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
133	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
135	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
139	Sitting	Sitting	Sitting	Sitting	Sitting
141	Sitting	Sitting	Sitting	Sitting	Sitting
142	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
143	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
144	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
145	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
147	Sitting	Sitting	Sitting	Sitting	Sitting
148	Sitting	Sitting	Sitting	Sitting	Sitting
149	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
151	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
152	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
153	Sitting	Sitting	Sitting	Sitting	Sitting
154	Sitting	Sitting	Sitting	Sitting	Sitting
155	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
156	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
157	Sitting	Sitting	Sitting	Sitting	Sitting
158	Sitting	Sitting	Sitting	Sitting	Sitting
159	Sitting	Sitting	Sitting	Sitting	Sitting
160	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
161	Sitting	Sitting	Sitting	Sitting	Sitting



CONSULTING ENGINEERS
 & SCIENTISTS

162	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
163	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
164	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
165	Sitting	Sitting	Sitting	Sitting	Sitting
166	Sitting	Sitting	Sitting	Sitting	Sitting
167	Sitting	Sitting	Sitting	Sitting	Sitting
168	Sitting	Sitting	Sitting	Sitting	Sitting
169	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
170	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
171	Sitting	Sitting	Sitting	Sitting	Sitting
173	Sitting	Sitting	Sitting	Sitting	Sitting
181	Sitting	Sitting	Sitting	Sitting	Sitting
182	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
184	Sitting	Sitting	Sitting	Sitting	Sitting
186	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
195	Sitting	Sitting	Sitting	Sitting	Sitting
196	Sitting	Sitting	Sitting	Sitting	Sitting
207	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
208	Sitting	Sitting	Sitting	Sitting	Sitting
209	Sitting	Sitting	Sitting	Sitting	Sitting
210	Sitting	Sitting	Sitting	Sitting	Sitting
211	Sitting	Sitting	Sitting	Sitting	Sitting
212	Sitting	Sitting	Sitting	Sitting	Sitting
213	Sitting	Sitting	Sitting	Sitting	Sitting
214	Sitting	Sitting	Sitting	Sitting	Sitting
215	Sitting	Sitting	Sitting	Sitting	Sitting
216	Sitting	Sitting	Sitting	Sitting	Sitting

Table 8: Comfort Criteria Derived From Gust Wind Speeds – Configuration 2



CONSULTING ENGINEERS
 & SCIENTISTS

Location	All	Spring	Summer	Autumn	Winter
1	Sitting	Sitting	Sitting	Sitting	Sitting
2	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
3	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
4	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
5	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
6	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
7	Sitting	Sitting	Sitting	Sitting	Sitting
8	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
9	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
10	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
11	Sitting	Sitting	Sitting	Sitting	Sitting
12	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
13	Sitting	Sitting	Sitting	Sitting	Sitting
14	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
15	Sitting	Sitting	Sitting	Sitting	Sitting
16	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
17	Sitting	Sitting	Sitting	Sitting	Sitting
18	Sitting	Sitting	Sitting	Sitting	Sitting
19	Sitting	Sitting	Sitting	Sitting	Sitting
20	Sitting	Sitting	Sitting	Sitting	Sitting
21	Sitting	Sitting	Sitting	Sitting	Sitting
22	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
23	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
24	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
25	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
26	Sitting	Sitting	Sitting	Sitting	Sitting
27	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
28	Sitting	Sitting	Sitting	Sitting	Sitting
29	Sitting	Sitting	Sitting	Sitting	Sitting
30	Sitting	Sitting	Sitting	Sitting	Sitting
31	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
32	Sitting	Sitting	Sitting	Sitting	Sitting
33	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
34	Sitting	Sitting	Sitting	Sitting	Sitting
35	Sitting	Sitting	Sitting	Sitting	Sitting
36	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
37	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
38	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
39	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
40	Sitting	Sitting	Sitting	Sitting	Sitting
41	Sitting	Sitting	Sitting	Sitting	Sitting
42	Sitting	Sitting	Sitting	Sitting	Sitting
43	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
44	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
45	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
46	Sitting	Sitting	Sitting	Sitting	Sitting
47	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
48	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
49	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance



CONSULTING ENGINEERS
& SCIENTISTS

50	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
51	Sitting	Sitting	Sitting	Sitting	Sitting
52	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
53	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
54	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
55	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
56	Sitting	Sitting	Sitting	Sitting	Sitting
57	Sitting	Sitting	Sitting	Sitting	Sitting
58	Sitting	Sitting	Sitting	Sitting	Sitting
59	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
60	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
61	Sitting	Sitting	Sitting	Sitting	Sitting
62	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
63	Sitting	Sitting	Sitting	Sitting	Sitting
64	Sitting	Sitting	Sitting	Sitting	Sitting
65	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
66	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
67	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
68	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
69	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
70	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
71	Sitting	Sitting	Sitting	Sitting	Sitting
72	Sitting	Sitting	Sitting	Sitting	Sitting
73	Sitting	Sitting	Sitting	Sitting	Sitting
74	Sitting	Sitting	Sitting	Sitting	Sitting
75	Sitting	Sitting	Sitting	Sitting	Sitting
76	Sitting	Sitting	Sitting	Sitting	Sitting
77	Sitting	Sitting	Sitting	Sitting	Sitting
78	Sitting	Sitting	Sitting	Sitting	Sitting
79	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
80	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
81	Sitting	Sitting	Sitting	Sitting	Sitting
82	Sitting	Sitting	Sitting	Sitting	Sitting
83	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
84	Sitting	Sitting	Sitting	Sitting	Sitting
85	Sitting	Sitting	Sitting	Sitting	Sitting
86	Sitting	Sitting	Sitting	Sitting	Sitting
87	Sitting	Sitting	Sitting	Sitting	Sitting
88	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
89	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
90	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
91	Sitting	Sitting	Sitting	Sitting	Sitting
92	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
93	Sitting	Sitting	Sitting	Sitting	Sitting
94	Sitting	Standing/Entrance	Sitting	Sitting	Sitting
95	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
96	Sitting	Sitting	Sitting	Sitting	Sitting
97	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
99	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
100	Sitting	Sitting	Sitting	Sitting	Standing/Entrance



CONSULTING ENGINEERS
 & SCIENTISTS

101	Sitting	Sitting	Sitting	Sitting	Sitting
102	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
103	Sitting	Sitting	Sitting	Sitting	Sitting
104	Sitting	Sitting	Sitting	Sitting	Sitting
105	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
106	Sitting	Sitting	Sitting	Sitting	Sitting
107	Sitting	Sitting	Sitting	Sitting	Sitting
108	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
109	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
110	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
111	Sitting	Sitting	Sitting	Sitting	Sitting
112	Sitting	Sitting	Sitting	Sitting	Sitting
113	Sitting	Sitting	Sitting	Sitting	Sitting
114	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
115	Sitting	Sitting	Sitting	Sitting	Sitting
116	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
117	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
118	Sitting	Sitting	Sitting	Sitting	Sitting
119	Sitting	Sitting	Sitting	Sitting	Sitting
120	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
121	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
122	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
123	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
124	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
125	Sitting	Sitting	Sitting	Sitting	Sitting
126	Sitting	Sitting	Sitting	Sitting	Sitting
127	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
128	Sitting	Sitting	Sitting	Sitting	Sitting
129	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
130	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
131	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
132	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
133	Sitting	Sitting	Sitting	Sitting	Sitting
134	Sitting	Sitting	Sitting	Sitting	Sitting
135	Sitting	Sitting	Sitting	Sitting	Sitting
136	Sitting	Sitting	Sitting	Sitting	Sitting
137	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
138	Sitting	Sitting	Sitting	Sitting	Sitting
139	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
140	Sitting	Sitting	Sitting	Sitting	Sitting
141	Sitting	Sitting	Sitting	Sitting	Sitting
142	Sitting	Sitting	Sitting	Sitting	Sitting
143	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
144	Sitting	Sitting	Sitting	Sitting	Sitting
145	Sitting	Sitting	Sitting	Sitting	Sitting
146	Sitting	Sitting	Sitting	Sitting	Sitting
147	Sitting	Sitting	Sitting	Sitting	Sitting
148	Sitting	Sitting	Sitting	Sitting	Sitting
149	Sitting	Sitting	Sitting	Sitting	Sitting
150	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking



CONSULTING ENGINEERS
 & SCIENTISTS

151	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
152	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
153	Sitting	Sitting	Sitting	Sitting	Sitting
154	Sitting	Sitting	Sitting	Sitting	Sitting
155	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
156	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
157	Sitting	Sitting	Sitting	Sitting	Sitting
158	Sitting	Sitting	Sitting	Sitting	Sitting
159	Sitting	Sitting	Sitting	Sitting	Sitting
160	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
161	Sitting	Sitting	Sitting	Sitting	Sitting
162	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
163	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
164	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
165	Sitting	Sitting	Sitting	Sitting	Sitting
166	Sitting	Sitting	Sitting	Sitting	Sitting
167	Sitting	Sitting	Sitting	Sitting	Sitting
168	Sitting	Sitting	Sitting	Sitting	Sitting
169	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
170	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
171	Sitting	Sitting	Sitting	Sitting	Sitting
172	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
173	Sitting	Sitting	Sitting	Sitting	Sitting
174	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
175	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
176	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
177	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
178	Leisure Walking	Leisure Walking	Standing/Entrance	Standing/Entrance	Leisure Walking
179	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
180	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
181	Sitting	Sitting	Sitting	Sitting	Sitting
182	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
183	Sitting	Sitting	Sitting	Sitting	Sitting
184	Sitting	Sitting	Sitting	Sitting	Sitting
185	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
186	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
187	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
188	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
189	Leisure Walking	Leisure Walking	Leisure Walking	Leisure Walking	Business Walking
190	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
191	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
192	Sitting	Sitting	Sitting	Sitting	Sitting
193	Sitting	Sitting	Sitting	Sitting	Sitting
194	Sitting	Sitting	Sitting	Sitting	Sitting
195	Sitting	Sitting	Sitting	Sitting	Sitting
196	Sitting	Sitting	Sitting	Sitting	Sitting
197	Sitting	Sitting	Sitting	Sitting	Sitting
198	Sitting	Sitting	Sitting	Sitting	Sitting
199	Sitting	Sitting	Sitting	Sitting	Sitting
201	Sitting	Sitting	Sitting	Sitting	Sitting



CONSULTING ENGINEERS
 & SCIENTISTS

202	Sitting	Sitting	Sitting	Sitting	Sitting
203	Sitting	Sitting	Sitting	Sitting	Sitting
204	Sitting	Sitting	Sitting	Sitting	Sitting
205	Sitting	Sitting	Sitting	Sitting	Sitting
206	Sitting	Sitting	Sitting	Sitting	Sitting
207	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
208	Sitting	Sitting	Sitting	Sitting	Sitting
209	Sitting	Sitting	Sitting	Sitting	Sitting
210	Sitting	Sitting	Sitting	Sitting	Sitting
211	Sitting	Sitting	Sitting	Sitting	Sitting
212	Sitting	Sitting	Sitting	Sitting	Sitting
213	Sitting	Sitting	Sitting	Sitting	Sitting
214	Sitting	Sitting	Sitting	Sitting	Sitting
215	Sitting	Sitting	Sitting	Sitting	Sitting
216	Sitting	Sitting	Sitting	Sitting	Sitting

Table 9: Comfort Criteria Derived From Mean Wind Speeds – Configuration 3



CONSULTING ENGINEERS
& SCIENTISTS

Location	All	Spring	Summer	Autumn	Winter
1	Sitting	Sitting	Sitting	Sitting	Sitting
2	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
3	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
4	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
5	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
6	Sitting	Sitting	Sitting	Sitting	Sitting
7	Sitting	Sitting	Sitting	Sitting	Sitting
8	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
9	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
10	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
11	Sitting	Sitting	Sitting	Sitting	Sitting
12	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
13	Sitting	Sitting	Sitting	Sitting	Sitting
14	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
15	Sitting	Sitting	Sitting	Sitting	Sitting
16	Sitting	Sitting	Sitting	Sitting	Sitting
17	Sitting	Sitting	Sitting	Sitting	Sitting
18	Sitting	Sitting	Sitting	Sitting	Sitting
19	Sitting	Sitting	Sitting	Sitting	Sitting
20	Sitting	Sitting	Sitting	Sitting	Sitting
21	Sitting	Sitting	Sitting	Sitting	Sitting
22	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
23	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
24	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
25	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
26	Sitting	Sitting	Sitting	Sitting	Sitting
27	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
28	Sitting	Sitting	Sitting	Sitting	Sitting
29	Sitting	Sitting	Sitting	Sitting	Sitting
30	Sitting	Sitting	Sitting	Sitting	Sitting
31	Sitting	Sitting	Sitting	Sitting	Sitting
32	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
33	Sitting	Sitting	Sitting	Sitting	Sitting
34	Sitting	Sitting	Sitting	Sitting	Sitting
35	Sitting	Sitting	Sitting	Sitting	Sitting
36	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
37	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
38	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
39	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
40	Sitting	Sitting	Sitting	Sitting	Sitting
41	Sitting	Sitting	Sitting	Sitting	Sitting
42	Sitting	Sitting	Sitting	Sitting	Sitting
43	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
44	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
45	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
46	Sitting	Sitting	Sitting	Sitting	Sitting
47	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
48	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
49	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance



CONSULTING ENGINEERS
 & SCIENTISTS

50	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
51	Sitting	Sitting	Sitting	Sitting	Sitting
52	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
53	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
54	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
55	Sitting	Sitting	Sitting	Sitting	Sitting
56	Sitting	Sitting	Sitting	Sitting	Sitting
57	Sitting	Sitting	Sitting	Sitting	Sitting
58	Sitting	Sitting	Sitting	Sitting	Sitting
59	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
60	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
61	Sitting	Sitting	Sitting	Sitting	Sitting
62	Standing/Entrance	Sitting	Sitting	Standing/Entrance	Standing/Entrance
63	Sitting	Sitting	Sitting	Sitting	Sitting
64	Sitting	Sitting	Sitting	Sitting	Sitting
65	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
66	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
67	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
68	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
69	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
70	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
71	Sitting	Sitting	Sitting	Sitting	Sitting
72	Sitting	Sitting	Sitting	Sitting	Sitting
73	Sitting	Sitting	Sitting	Sitting	Sitting
74	Sitting	Sitting	Sitting	Sitting	Sitting
75	Sitting	Sitting	Sitting	Sitting	Sitting
76	Sitting	Sitting	Sitting	Sitting	Sitting
77	Sitting	Sitting	Sitting	Sitting	Sitting
78	Sitting	Sitting	Sitting	Sitting	Sitting
79	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
80	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
81	Sitting	Sitting	Sitting	Sitting	Sitting
82	Sitting	Sitting	Sitting	Sitting	Sitting
83	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
84	Sitting	Sitting	Sitting	Sitting	Sitting
85	Sitting	Sitting	Sitting	Sitting	Sitting
86	Sitting	Sitting	Sitting	Sitting	Sitting
87	Sitting	Sitting	Sitting	Sitting	Sitting
88	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
89	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
90	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
91	Sitting	Sitting	Sitting	Sitting	Sitting
92	Sitting	Standing/Entrance	Sitting	Sitting	Standing/Entrance
93	Sitting	Sitting	Sitting	Sitting	Sitting
94	Sitting	Sitting	Sitting	Sitting	Sitting
95	Sitting	Sitting	Sitting	Sitting	Sitting
96	Sitting	Sitting	Sitting	Sitting	Sitting
97	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
99	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
100	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance



CONSULTING ENGINEERS
& SCIENTISTS

101	Sitting	Sitting	Sitting	Sitting	Sitting
102	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
103	Sitting	Sitting	Sitting	Sitting	Sitting
104	Sitting	Sitting	Sitting	Sitting	Sitting
105	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
106	Sitting	Sitting	Sitting	Sitting	Sitting
107	Sitting	Sitting	Sitting	Sitting	Sitting
108	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
109	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
110	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
111	Sitting	Sitting	Sitting	Sitting	Sitting
112	Sitting	Sitting	Sitting	Sitting	Sitting
113	Sitting	Sitting	Sitting	Sitting	Sitting
114	Sitting	Sitting	Sitting	Sitting	Sitting
115	Sitting	Sitting	Sitting	Sitting	Sitting
116	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
117	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
118	Sitting	Sitting	Sitting	Sitting	Sitting
119	Sitting	Sitting	Sitting	Sitting	Sitting
120	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
121	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
122	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
123	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
124	Sitting	Sitting	Sitting	Sitting	Sitting
125	Sitting	Sitting	Sitting	Sitting	Sitting
126	Sitting	Sitting	Sitting	Sitting	Sitting
127	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
128	Sitting	Sitting	Sitting	Sitting	Sitting
129	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
130	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
131	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
132	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
133	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
134	Sitting	Sitting	Sitting	Sitting	Sitting
135	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
136	Sitting	Sitting	Sitting	Sitting	Sitting
137	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
138	Sitting	Sitting	Sitting	Sitting	Sitting
139	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
140	Sitting	Sitting	Sitting	Sitting	Sitting
141	Sitting	Sitting	Sitting	Sitting	Sitting
142	Sitting	Sitting	Sitting	Sitting	Sitting
143	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
144	Sitting	Sitting	Sitting	Sitting	Sitting
145	Sitting	Sitting	Sitting	Sitting	Sitting
146	Sitting	Sitting	Sitting	Sitting	Sitting
147	Sitting	Sitting	Sitting	Sitting	Sitting
148	Sitting	Sitting	Sitting	Sitting	Sitting
149	Sitting	Sitting	Sitting	Sitting	Sitting
150	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance



CONSULTING ENGINEERS
 & SCIENTISTS

151	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
152	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
153	Sitting	Sitting	Sitting	Sitting	Sitting
154	Sitting	Sitting	Sitting	Sitting	Sitting
155	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
156	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
157	Sitting	Sitting	Sitting	Sitting	Sitting
158	Sitting	Sitting	Sitting	Sitting	Sitting
159	Sitting	Sitting	Sitting	Sitting	Sitting
160	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
161	Sitting	Sitting	Sitting	Sitting	Sitting
162	Standing/Entrance	Standing/Entrance	Sitting	Sitting	Standing/Entrance
163	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
164	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
165	Sitting	Sitting	Sitting	Sitting	Sitting
166	Sitting	Sitting	Sitting	Sitting	Sitting
167	Sitting	Sitting	Sitting	Sitting	Sitting
168	Sitting	Sitting	Sitting	Sitting	Sitting
169	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
170	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
171	Sitting	Sitting	Sitting	Sitting	Sitting
172	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
173	Sitting	Sitting	Sitting	Sitting	Sitting
174	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
175	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
176	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
177	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
178	Leisure Walking	Leisure Walking	Standing/Entrance	Standing/Entrance	Leisure Walking
179	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
180	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
181	Sitting	Sitting	Sitting	Sitting	Sitting
182	Standing/Entrance	Sitting	Sitting	Standing/Entrance	Standing/Entrance
183	Sitting	Sitting	Sitting	Sitting	Sitting
184	Sitting	Sitting	Sitting	Sitting	Sitting
185	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
186	Standing/Entrance	Sitting	Sitting	Sitting	Standing/Entrance
187	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
188	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
189	Leisure Walking	Standing/Entrance	Standing/Entrance	Standing/Entrance	Leisure Walking
190	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance	Standing/Entrance
191	Standing/Entrance	Standing/Entrance	Sitting	Standing/Entrance	Standing/Entrance
192	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
193	Sitting	Sitting	Sitting	Sitting	Sitting
194	Sitting	Sitting	Sitting	Sitting	Sitting
195	Sitting	Sitting	Sitting	Sitting	Sitting
196	Sitting	Sitting	Sitting	Sitting	Sitting
197	Sitting	Sitting	Sitting	Sitting	Sitting
198	Sitting	Sitting	Sitting	Sitting	Sitting
199	Sitting	Sitting	Sitting	Sitting	Sitting
201	Sitting	Sitting	Sitting	Sitting	Sitting



CONSULTING ENGINEERS
 & SCIENTISTS

202	Sitting	Sitting	Sitting	Sitting	Sitting
203	Sitting	Sitting	Sitting	Sitting	Sitting
204	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
205	Sitting	Sitting	Sitting	Sitting	Sitting
206	Sitting	Sitting	Sitting	Sitting	Sitting
207	Sitting	Sitting	Sitting	Sitting	Standing/Entrance
208	Sitting	Sitting	Sitting	Sitting	Sitting
209	Sitting	Sitting	Sitting	Sitting	Sitting
210	Sitting	Sitting	Sitting	Sitting	Sitting
211	Sitting	Sitting	Sitting	Sitting	Sitting
212	Sitting	Sitting	Sitting	Sitting	Sitting
213	Sitting	Sitting	Sitting	Sitting	Sitting
214	Sitting	Sitting	Sitting	Sitting	Sitting
215	Sitting	Sitting	Sitting	Sitting	Sitting
216	Sitting	Sitting	Sitting	Sitting	Sitting

Table 10: Comfort Criteria Derived From Gust Wind Speeds – Configuration 3