



Figure 44 – Mitigation Run 4 – Proposed Development with cumulative buildings + Mitigation Measures – view from south.

TREE LOCATION PLAN



EXTRA HEAVY STANDARD CLEAR STEM TREE PLANTING 5-6 METRES HIGH AT IMPLEMENTATION. (ROOTBALL & STEM SIZE PER LOCATION)

Figure 45 – Proposed landscaping scheme with additional tree location highlighted (GOLDSWORTH ROAD-PRE APPLICATION-17.05.2016.pdf – received 26/05/2016)



Figure 45 – Mitigation Run 4 – Proposed Development with cumulative buildings + Mitigation Measures – view from north.

Appendix B: Meteorological Data

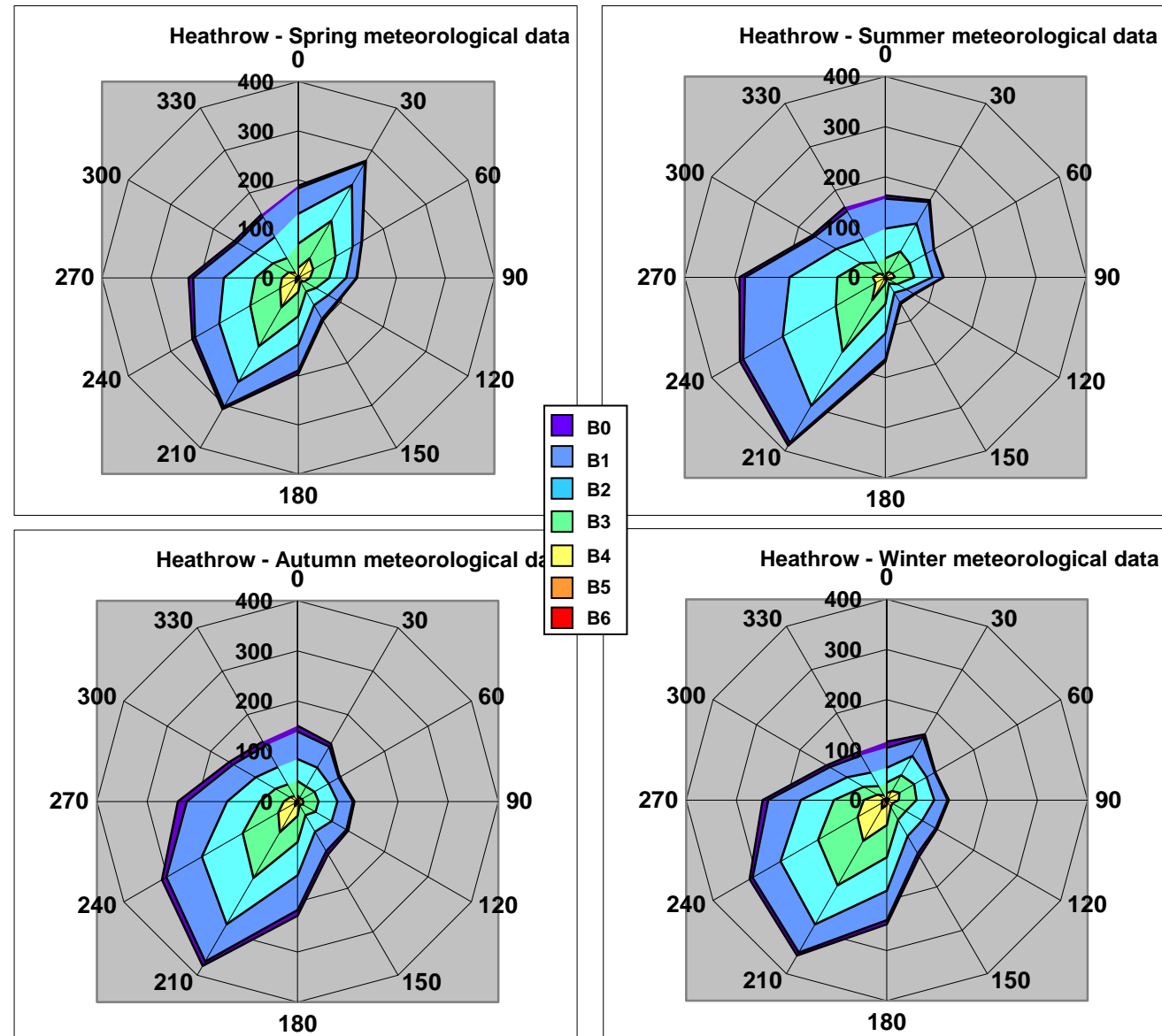


Figure 47 – Seasonal wind roses for London (in Beaufort Force)

(Radial axis indicates the hours for which the stated Beaufort Range is exceeded)

Appendix C: Lawson Comfort Criteria

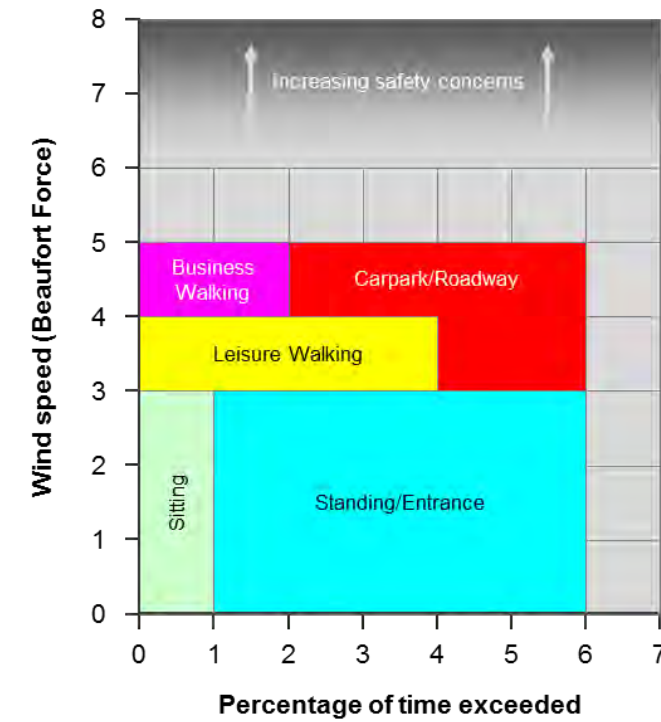


Figure 48 – Graphical representation of the Lawson Comfort Criteria

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	Gentle Breeze	Wind felt on face; leaves rustle; wind vane moves.
3	3.35 – 5.60	Light 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 – Beaufort Land Scale