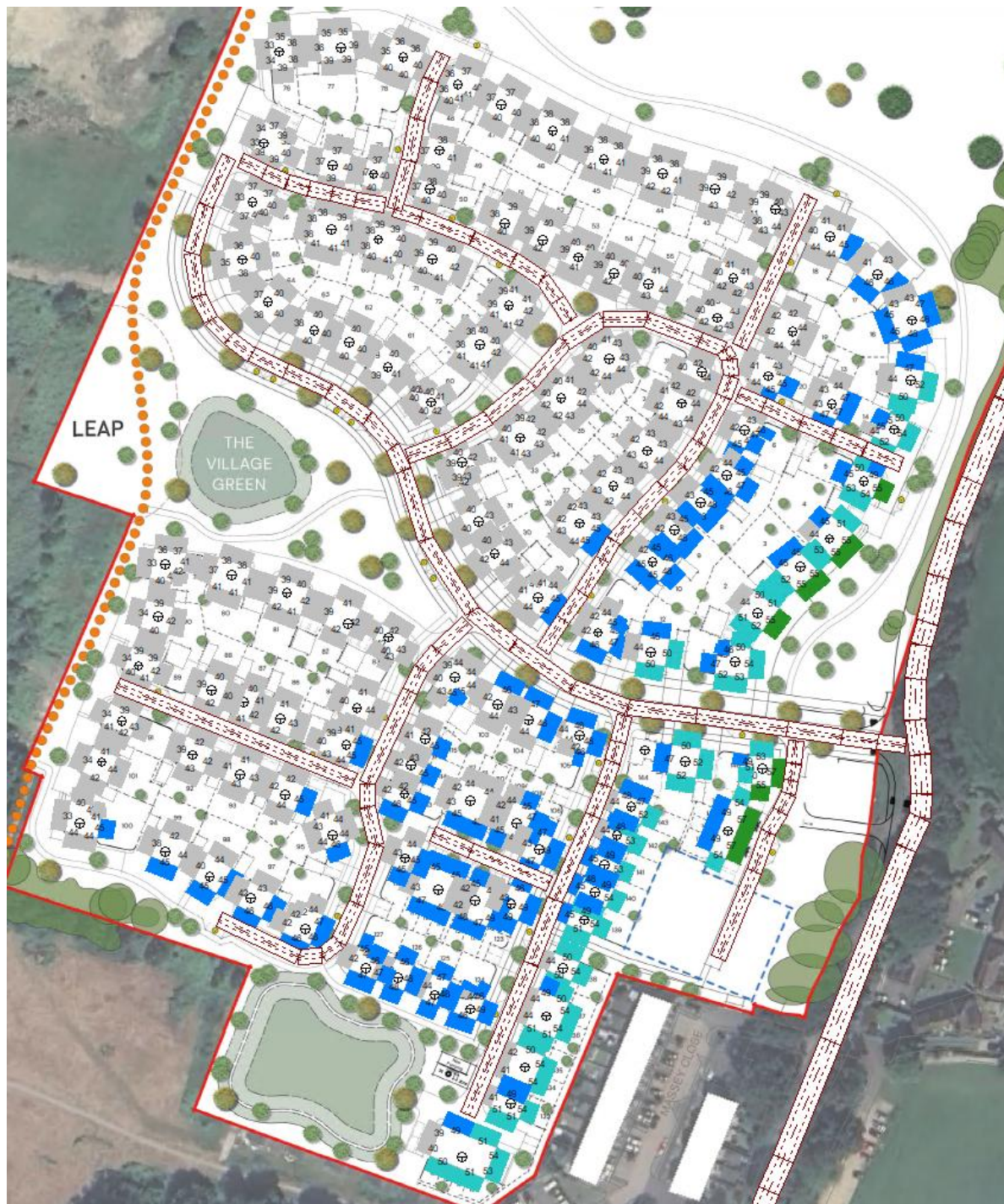


Thakeham Mushrooms

Noise Modelling Printouts

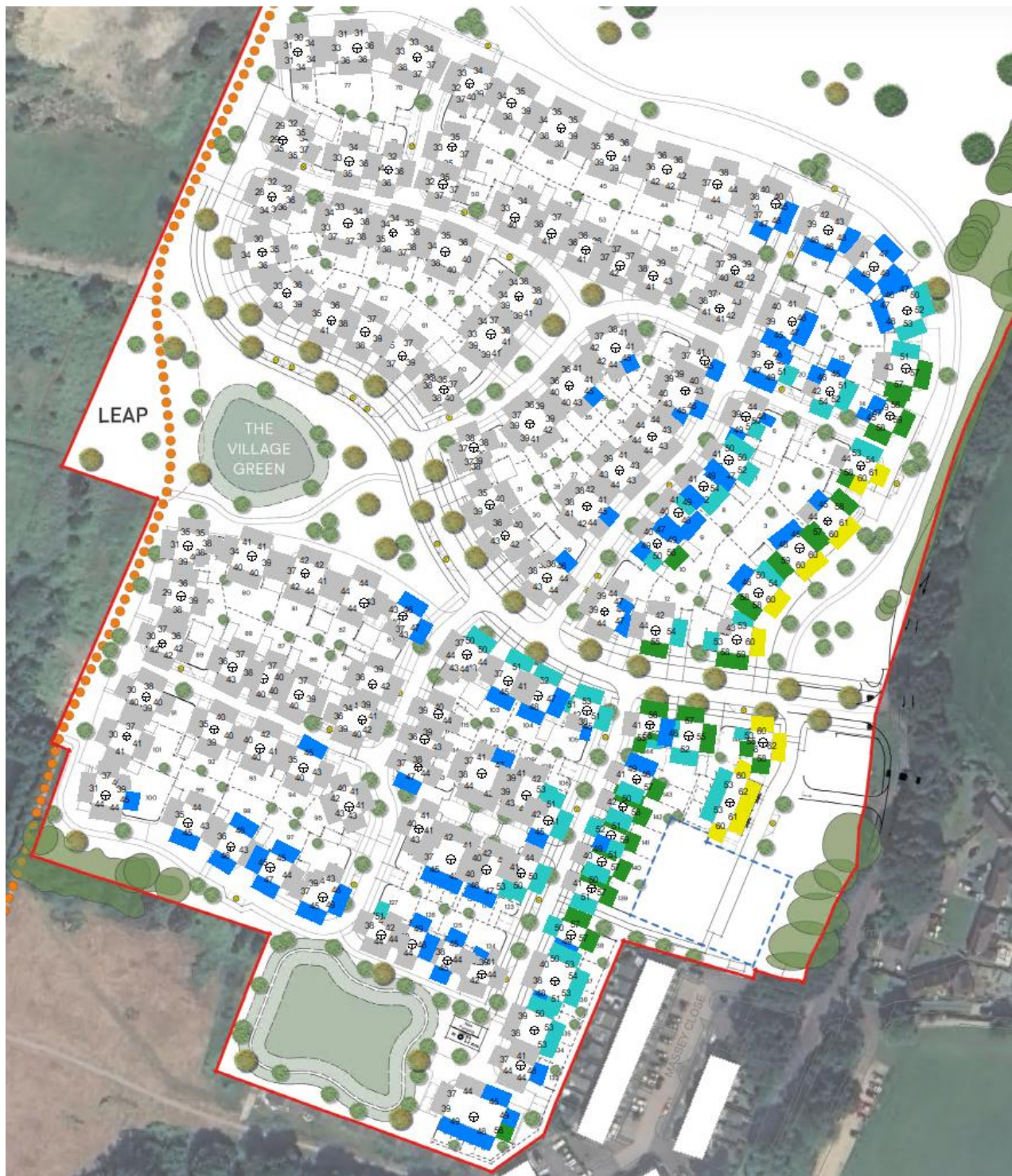
Daytime LAeq, 16hrs at development facades (free-field)



Night-time LAeq, 8hrs at development facades (free-field)



Night-time Typical L_Amax, at development facades (free-field)



Note – L_Amax noise levels are calculated based on individual point sources representing the typical worst-case maximum noise event during the nighttime (in this case vehicle pass on Storrington Road) and calibrated in the model based on the noise survey data.

In this case (shown above) we have included multiple point sources along different points of Storrington Road, which are then calculated cumulatively at the development facades, to illustrate how the maximum noise during an individual vehicle pass propagates across the site. In reality these levels will be lower (i.e. maximum 61 dB L_Amax at worst case façade), as reflected in our 'worst case development façade max level' within the Cass Allen Noise Impact Assessment report, R6.

Daytime LAeq, 16hrs at development facades (free-field) – North



Daytime LAeq, 16hrs at development facades (free-field) – South



Night-time LAeq, 8hrs at development facades (free-field) – North



Night-time LAeq, 8hrs at development facades (free-field) – South



Night-time L_Amax at development facades (free-field) – North



Note – L_Amax noise levels are calculated based on individual point sources representing the typical worst-case maximum noise event during the nighttime (in this case vehicle pass on Storrington Road) and calibrated in the model based on the noise survey data.

In this case (shown above) we have included multiple point sources along different points of Storrington Road, which are then calculated cumulatively at the development facades, to illustrate how the maximum noise during an individual vehicle pass propagates across the site. In reality these levels will be lower (i.e. maximum 61 dB L_Amax at worst case façade), as reflected in our 'worst case development façade max level' within the Cass Allen Noise Impact Assessment report, R6.

Night-time L_{Amax} at development facades (free-field) – South



Note – L_{Amax} noise levels are calculated based on individual point sources representing the typical worst-case maximum noise event during the nighttime (in this case vehicle pass on Storrington Road) and calibrated in the model based on the noise survey data.

In this case (shown above) we have included multiple point sources along different points of Storrington Road, which are then calculated cumulatively at the development facades, to illustrate how the maximum noise during an individual vehicle pass propagates across the site. In reality these levels will be lower (i.e. maximum 61 dB L_{Amax} at worst case façade), as reflected in our 'worst case development façade max level' within the Cass Allen Noise Impact Assessment report, R6.