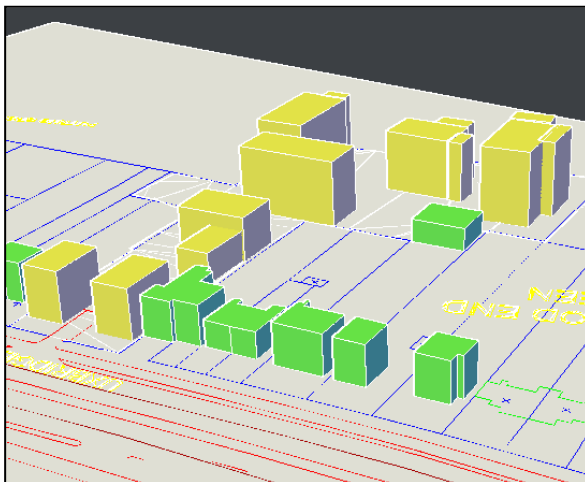


## Noise, Air Quality & Daylight Pronto Trading Estate, London



ACCON carried out comprehensive noise, air quality and daylight assessments for the proposed redevelopment of land on the Pronto Trading Estate on Uxbridge Road. The purpose of these assessments was to determine to what extent these issues would constrain residential development on the site.

A 24 hour noise assessment was carried out to determine the exposure of the site to traffic noise. The calculated and modelled noise levels placed the development in PPG 24 Noise Exposure Category A during the day and night for most for the proposed development with the closest two blocks within NEC C. In order to mitigate the noise levels from road traffic it was recommended that the window system to habitable rooms should have a sound reduction of 32 dB(A).



The development site itself is within an Air Quality Management Area. The detailed air quality assessment considered the overall levels of hydrocarbons, nitrogen dioxide (NO<sub>2</sub>) and particulates (PM<sub>10</sub>) in the vicinity of the site. Verified predictions indicated that at locations within the development site the air quality limits would not be exceeded. The calculations also indicated that the impact of traffic associated with the development would be negligible.



Daylight, sunlight and overshadowing calculations in accordance with the BRE guidelines identified that the development would not significantly reduce the amount of sunlight received by the closest existing residential property. Calculations also showed that the existing properties will continue to receive the minimum amount of recommended sunlight.

The overshadowing assessment identified that two gardens would be impacted with the development in place.