Design and Access Statement

Sovereign House

The light fixtures affected by the project are the 6 x uplighters and 4 x downlighters at the front of the building and the lights covering the car parking at the rear of the building.

The lighting scheme is based upon EN 12464-2:2014 standards for lighting and is in line with the desire to reduce light pollution to the immediate area and become energy efficient though the use of energy efficient LED lighting.

The light levels at the rear of the building design is based upon the E3 environmental standard (Areas of medium ambient brightness Urban Residential Areas) rather than the E4 standard which is applicable for the area ensuring lower levels of lighting onto the adjoining areas that is currently experienced.

The fixtures are similar to those currently fitted to building and light the building in the same fashion, washing light down the full-length glass windows and lighting the architectural features of the centre building. The associated drawings show by calculation and example that the light pollution is significantly reduced whilst maintaining the current areas of illumination.

The object above the building is set at 30M above the building and shows that the scheme significantly reduces light pollution.

We believe that the scheme achieves the objective of reducing light pollution and reducing energy consumption whilst maintaining a similar lighting to the building.