

November 2023

**File Note: Lighting and Biodiversity, HMP East Sutton Park**

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**Site address:** HMP East Sutton Park, Workhouse Road, Sutton Valence, Maidstone, Kent ME17 3DF**National Grid Reference:** Centred on TQ 82645 49481**Site area:** 0.1ha**Recipients:** KCC**Record of activity****➤ Background**

Plowman Craven completed a PEA.PRA of the Site in October 2022. In response to comments and a recommended planning condition from Kent County Council's (KCC) Ecological Advice Service (EAS), this file note provides a record and plan of the lighting that is currently present on site and was installed as part development. Due to the retrospective nature of the planning application, the development (20 habitable units) is already in place, including the lighting. This file note has been written with the following Policy and Guidance in mind:

- National Planning Policy Framework 2023;
- Bat Conservation Trust's 'Guidance Note 8: Bats and Artificial Lighting 08/23'.

The proposed planning condition is as follows:

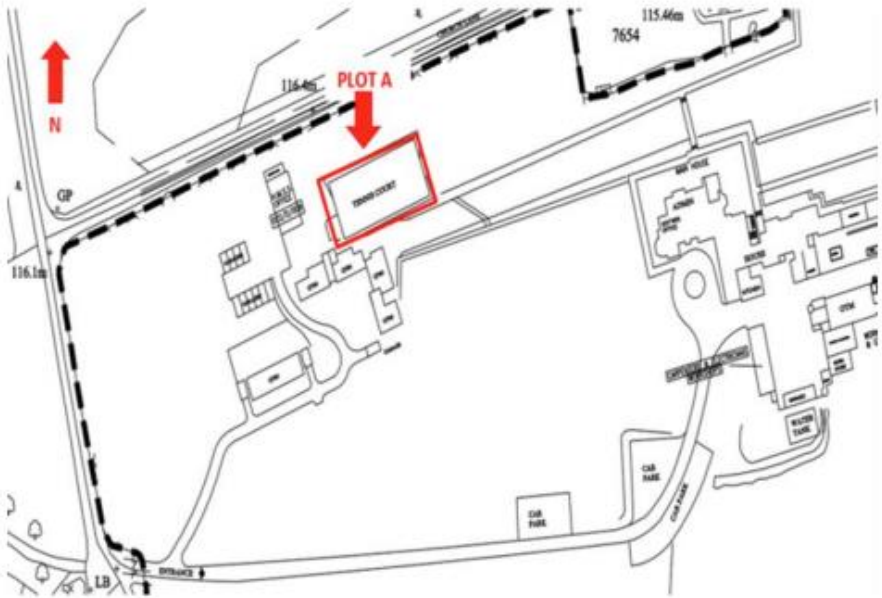
*'Within three months of planning permission being granted, a lighting design plan for biodiversity will be submitted to, and approved in writing by, the local planning authority. The plan will show the type and locations of external lighting, as well as the horizontal and vertical light spill in lux levels, to demonstrate that areas to be lit do not/will not adversely impact biodiversity. All external lighting will be in accordance with the specifications and locations set out in the plan and will be maintained as such thereafter'.*

Due to the retrospective nature of the planning application, the lighting for the development is already in place. Therefore, this file note provides a plan and record of the lighting as it currently stands.

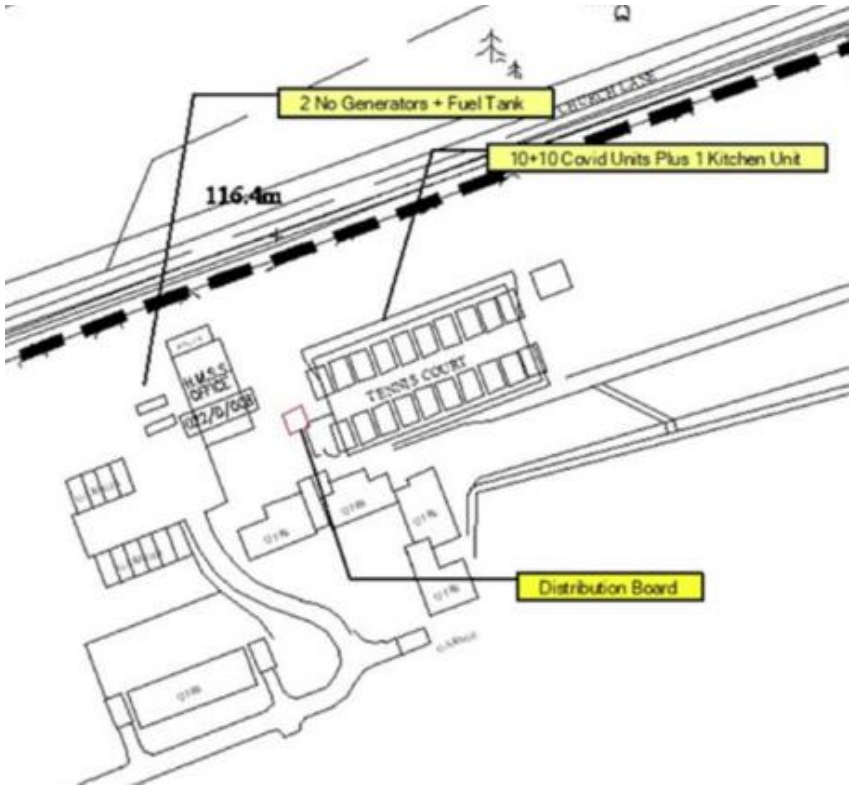
➤ **The Site**

The development consists of 20 habitable units installed on a tennis court. See Figure 1 (Plot A) and Figure 2 below.

**Figure 1: Site Boundary**



**Figure 2: Site Layout**



➤ **Lighting**

*Internal lighting:*

Each unit contains 2no. linear bulkhead standard lights in the Sleeping / Living accommodation area and 1no. ceiling mounted circular light in the Ensuite / shower area. The lighting is operated via wall mounted switches.

*External lighting:*

The surrounding area of the units is lit by bollard lighting with 1no. standard LED street lamp at the path junction approx. 30m way from the units – these are existing and were in place before the units were installed (Figure 3).

The walkway between the units is lit by downward facing façade mounted floodlight (Figures 4 – 6). The lights on the units are 30w LED. 8no. of them installed across the 20no. units. One on each end of each side, with the others spread over the next 3 or 4 units. The light from these LED units is dispersed by the polycarbonate roof on the weather shelter that spans the units. The Lux levels are above the minimum requirement set by the Ministry of Justice (MOJ) Technical standards for pathways due to security.

**Figure 3: Bollard Lighting (Pathway from main building to Site Plot A, heading West)**



Figure 4: Walkway Lighting



Figure 5: Walkway Lighting



**Figure 6: Walkway Lighting**



➤ **Lighting Maintenance**

The lighting will be maintained in accordance with the above and walkway lights will be kept downward facing to ensure no additional light spill.