From: Matthew.Porter
Sent: 29 November 2024 16:15:22 UTC+00:00
To: "Matthew.Porter" <Matthew.Porter@horsham.gov.uk>
Subject: FW: disc/24/0265 The Cobblers

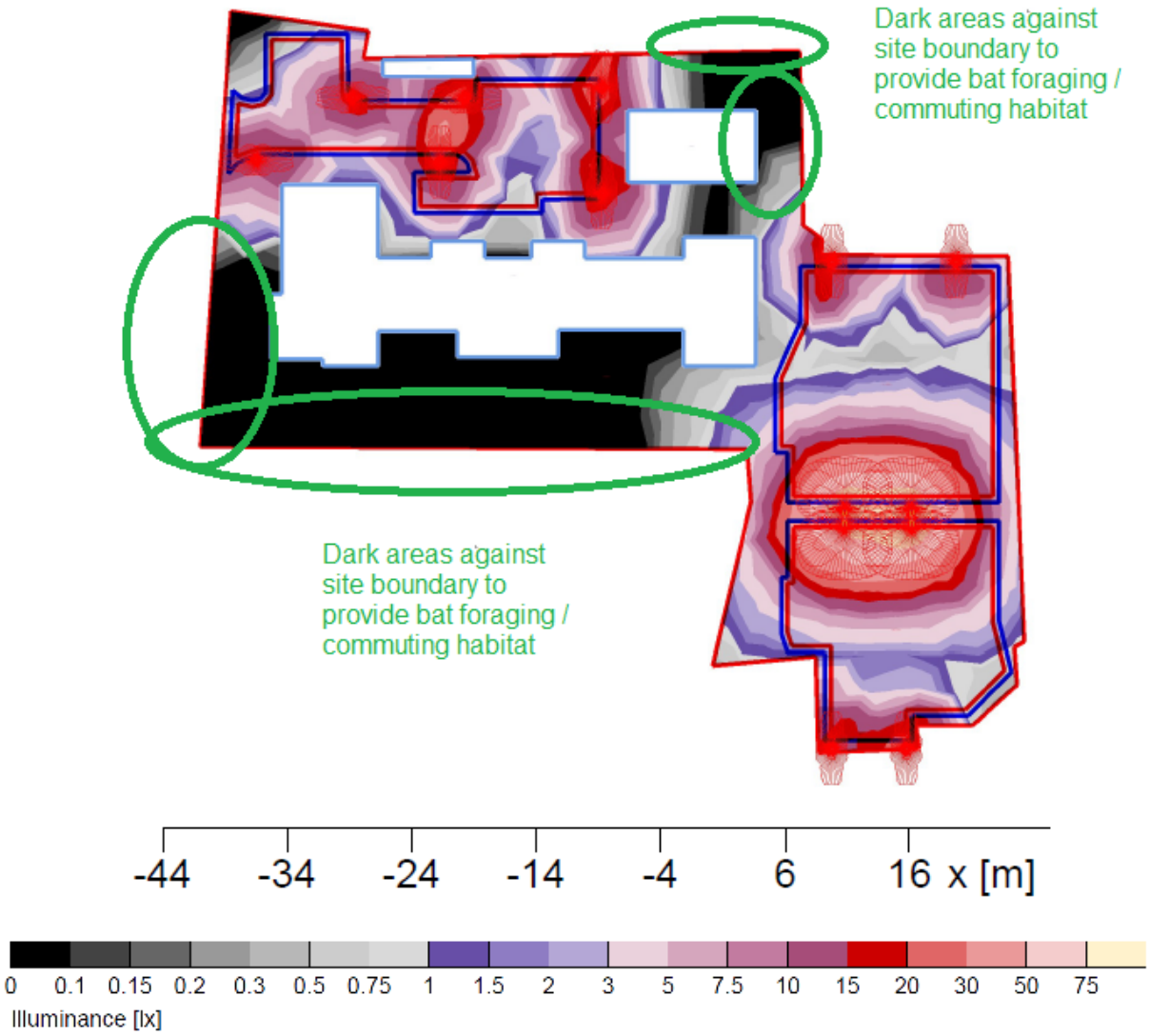
From: Colin Coulthard <colin.coulthard@sunninghill.co.uk>
Sent: 29 November 2024 12:00
To: Matthew.Porter <Matthew.Porter@horsham.gov.uk>; joshua.boots@saxonweald.com; Finn Connolly <finnconnolly@PhilipPank.com>
Cc: Ros Green <ros.green@sunninghill.co.uk>; Chris Blain <chris.blain@sunninghill.co.uk>; J380 The Cobblers <J380TheCobblers@sunninghill.co.uk>; Projects <projects@sunninghill.co.uk>; Grace Blackmore <grace.blackmore@sunninghill.co.uk>; Paul Laker <paul.laker@sunninghill.co.uk>
Subject: RE: disc/24/0265 The Cobblers

Good afternoon Matthew,

We have reached out to our Ecological consultant, Lizard Ecology, to obtain a report on the lighting design, but initially we would like to highlight the following for your consideration:

The lighting scheme has been designed by the lighting specialist, to;

1. Ensure the use of bollard lighting where possible to ensure that light levels above 3 lux does not spill outside of the site boundary.
2. The lighting design is designed to achieve the minimum lux levels required by CIBSE guidance for emergency lighting and car parks for safety reasons = 0.5-1 Lux (including for the wellbeing of visitors to the Scout Hut)
3. The two car park columns are set at 3.3m high which is significantly lower the max. 8m to accord with the ecology report Westridge commissioned, extract below.
4. Extensive “Dark areas” have been created to the southern and western boundaries, adjacent to where the bat boxes will be located, to protect the existing mature tree/hedge line to the neighbouring property, as raised in the planning consultation process.
5. Dark areas to the north have been created surrounding the existing mature trees to further enhance bat habitat.


Dark areas against site boundary to provide bat foraging / commuting habitat
Dark areas against site boundary to provide bat foraging / commuting habitat
-44
-34
-24
-14
-4
6
16 x [m]
0
0.1
0.15
0.2
0.3
0.5
0.75
1
1.5
2
3
5
7.5
10
15
20
30
50
75
Illuminance [lx]

ECOLOGICAL HABITAT ENHANCEMENTS

Hedgehog friendly gravel boards with gap of 13cm x 13cm cut every 10m to be used on all solid fences on site.

- Bird Box - 2 x Type 2MR, Schwegler brick nest box with open front attached to building on north/eastern elevation at 3m above ground as indicated. Exact position to be agreed with Ecologist.
- Sparrow Box- 1 x 1SP Schwegler Sparrow Terrace located on building 2.5m above ground as indicated facing north or east. Exact position to be agreed with Ecologist.
- Bird Box - 2 x Type 1MR, Schwegler brick nest box with 32mm hole attached to building on north/eastern elevation at 3m above ground as indicated. Exact position to be agreed with Ecologist.
- Bat Brick - 4 x Ibstock Free Access Bat Box C built in to wall positioned at least 5m above ground level under eves, facing south, south-west away from lighting and windows with a clear drop beneath. Exact position to be agreed with Ecologist.

Site lighting should be kept to a minimum during construction and once occupied. No lighting should intrude upon areas of potential foraging/commuting habitats such as the on-site adjacent hedgerow and adjacent woodland. Lighting should not emit ultra-violet light and should be LED luminaries where possible. Lights should be warm white (ideally less than 2700 kelvin). Luminaries should feature wave lengths higher than 550nm to avoid the component of light most disturbing to bats. Light columns should be as low as possible and not exceed 8M. Lights should be directed downwards and shields, baffles and louvres should be used to control light direction.

I hope to get the report issued to you by the 3rd December, as requested, but can the above be taken into consideration by Genevieve and yourself in the interim?

Regards

Colin Coulthard ACIAT
Design Coordinator

DD: 07725576042

SUNNINGHILL CONSTRUCTION CO. LIMITED
Offices in Sussex and Surrey
Head Office: Cornelius House • 33 Boltro Road • Haywards Heath • RH16 1BP
Tel: 01444 416711 • **Email**: enquiries@sunninghill.co.uk • www.sunninghill.co.uk

Registered in England at 33 Boltro Road Haywards Heath RH16 1BP • Registration No. 1179939

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