

KEY

- = *Trust land boundary ownership*
-  = *Planning application boundary*
-  = *Existing canopy retained*
- = *Root protection area (RPA)*

PHASE ONE HABITAT MAP

KEY

- | | |
|---|-----------------------------------|
|  | A.1.1.1 Woodland (to be retained) |
|  | A.3.1 Scattered trees |
|  | C.3.1. Tall ruderal |
|  | G1 Standing water |
|  | J1.2 Amenity Grassland |

NOTES

- This drawing outlines the features or habitats on or adjacent to the site used for foraging and commuting bats, others, nesting birds and identifies lighting specifications required to avoid or reduce potential impacts upon those features and species.
- It is based on the baseline ecological assessment for the scheme as well as current guidance. The specifications aim to balance the important safety and amenity needs of future residents of the site, with the requirement to minimise impacts upon biodiversity features on and adjacent to the site (and to comply with the relevant wildlife legislation)
- **SENSITIVE HABITAT FEATURES:** Habitats which support foraging and commuting bats, others, nesting birds include retained, and once established, future boundary hedgerows, trees, grassland and shrubs planting may provide foraging habitat, whilst it is likely that the boundary edge habitats provide movement corridors at a local scale.
- Positive factors identified in the Ecological Management Plan 3.1. Current and predicted future factors affecting ecological features:
 - **Presence of canal corridor Impact :** Canal corridor is likely to support populations of species and to act as a corridor for animal and plant movement and dispersal.
 - **Presence of habitats, including existing woodland, scrub, tall ruderal and grassland:** Habitats are of value in themselves and for the species which they support
 - **Connection to habitats in the surrounding landscape (woodland and canals):** Provides source of species to enable colonisation of ecological features and maintenance of populations thereafter

Even low-level light pollution upon these features has the potential to impact animals using these and adjacent habitats. Therefore, the lux and duration of light reaching the features should be minimised where possible. We will also ensure the external lighting to the building is on a dusk / dawn sensor and time clock so that it is not illuminated outside of working hours.

- **PROPOSED LIGHTING LAYOUT** External lighting proposed for the site will comprise: Micro Waymarker LED Recessed Lighting adjacent to car parking bays. The location/number of lighting units proposed by Parking bays and footpath is shown in Drawing 2019 38 146. The technical specifications of the lighting to be installed are outlined in Micro LED Surface lighting details Fig 1.



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Sheet
GA PROPOSED LIGHTING PLAN
P1 HABITAT SURVEY OVERLAYERED

Project
Trevor Hire Boat Base

Origin Date/ Auth RB	Drawing No. 2019 38 148
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Scale 1:300 @ A1	Sheet S A1
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Revision / Issue	Revision Date
V1	30.09.22

GA LANDSCAPE PLAN

Scale 1:300 @ A1

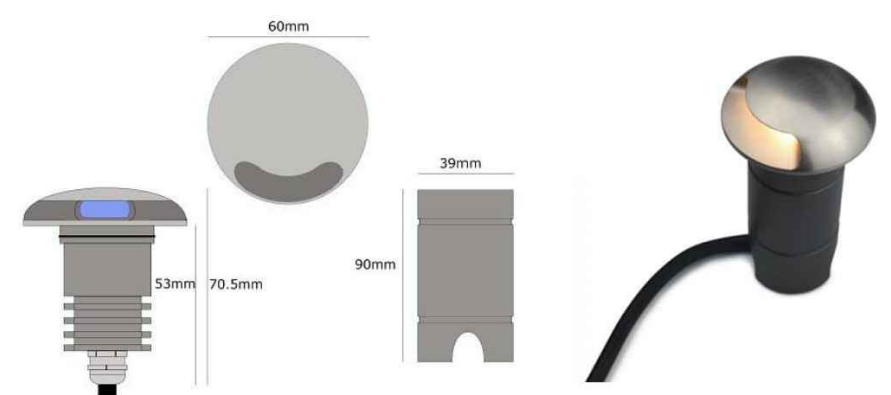
Site access leading from Tower Hill (please refer to drawing 1938 26). Please note that no new lighting is proposed in this area in relation to the scope of this proposal.

Power line in area

**WILD MEADOW
PLANTING
PHASE 1**

**WILD MEADOW
PLANTING
PHASE 2**

**WILD MEADOW
PLANTING
PHASE 3**



Electrical data	12/24v DC 100lm 2700K 3w. Requires 12v or 24v constant voltage dc power supply.
Construction	316 Grade Stainless Steel top. Anodised Aluminium body 750Kg load bearing capacity.
Exterior Dimensions	Top 60mm Diameter. Body (including top) 70.5mm tall. sleeve 39mm x 90mm

Fig 1. MICRO LED SURFACE LIGHTING DETAILS