

note

kampus listed buildings

01 05 2020

condition 22 • external lighting

Prior to implementation of any proposed lighting scheme details of any proposed lighting scheme including a report to demonstrate that the proposed lighting levels would not have any adverse impact on the amenity of residents within this and adjacent developments and would not discourage local bat populations shall be submitted to and agreed in writing by the City Council as local planning authority:

Reason - In the interests of visual and residential amenity pursuant to Core Strategy policies SP1, CC9, EN3 and DM1 of the Core Strategy.

documents for consideration:

The following documents are to be reviewed in regard to the above condition:

- KAM-SKM-MH-ZZ-DR-A-(00)260 - 265 proposed elevations minshull house (shedkm)
- KAM-SKM-MT-ZZ-DR-A-(00)240 - 242 proposed elevations minto + turner (shedkm)
- SK 237 little david street section - external lighting (shedkm)
- 4006-BAF-ZZ-00-DRE-63-012_C05 external lighting layout level 00 (briggs + forrester) note: refer to shedkm elevations for setting out.
- 20191114 - Kampus - External Lighting Design - Rev09A (spurlite)
 - document split into two parts on planning portal due to file size.
 - refer pgs 3-6 / 24-28 / 30-31 for listed building

subcontractor technical note (briggs + forrester)

The purpose of this Technical Note is to summarise the external lighting design strategy for the Kampus project, Manchester.

The external lighting scheme has been developed in conjunction with TUV SUD (MEP Consultant), Exterior Architecture (Landscape Architect), Chapman Taylor (Architect), shedkm (Architect - Listed) and Main Contractor (Mount Anvil) to meet the functional, architectural and ambient considerations of the scheme whilst limiting any lighting pollution or glare to nearby properties. The external lighting scheme typically consists of low level decorative lighting within planters to supplement and illuminate trees and planters. It also includes functional building mounted luminaires to illuminate walk ways and common spaces. Catenary festoon lighting is proposed within the main courtyard and Little David Street which forms part of the development and therefore is not deemed to affect any surrounding buildings.

The external lighting scheme has been coordinated with the wider design team and has been developed to provide subtle illumination through the development whilst offering practical lux levels to key areas.

architect summary

The chosen wall mounted fittings (shown on the next page) were selected alongside new build proposals with Chapman Taylor, as the wider project team were in agreement that there should be holistic approach to lighting the whole site. The



78mm Square x 84mm Deep

team felt a restrained, simple fitting which would enhance but not compete with the original features and character of the buildings should be the approach taken.

fig.01 typical wall mounted light fitting (type A)

Although shown in white in the image above, these have been requested to be black.

With regards to locating these fittings, shedkm have tried where possible to position them relative to the where the feed penetrates the external walls or run any required conduit feed internally to meet the level. In Minshull house, there are elevations where exposed conduit feed externally will be required. This is due to the following:

- to maintain the performance of the compartment floor at level 01
- allow access for maintenance within landlord or commercial spaces or externally
- to maintain consistent level for h/l fittings, as the cctv cameras should be located at their optimum installation height.

Similar principles have been adopted for cctv cameras and external power sockets. Images for products currently proposed are as follows:



fig.02 cctv camera (colour - black as shown)



fig.03 external twin socket (IP65 rated)