



- Area to be illuminated to 2lux (Average)
- Area to be illuminated to 5lux (Average)
- Area to be illuminated to 10lux (Average)
- Area to be illuminated to 20lux (Average)
- Area to be illuminated to 40-45lux (Average)
- Area to be illuminated to 50lux (Average)
- Area to be illuminated to 70lux (Average)
- Area to be illuminated to 80lux (Average)
- Area to be illuminated to 100lux (Average)
- Area to be illuminated to 150-200lux (Average)

- KEY**
- Pole mounted floodlights (BEGA 99 595) mounted to 6m lighting column
 - Pole mounted floodlights (BEGA 99 596) mounted to 6m lighting column
 - In-ground luminaires (BEGA 77 069)
 - In-ground luminaires (BEGA 77 089)
 - LED lightstrings (Tokistar)
 - Lighting bollards (BEGA 99 856)
 - Lighting bollards (BEGA 99 852)
 - Strip lights within bicycle store structure (Phi lighting, Stria led external)
 - Feature lights within proposed complementing school sign (iGuzzini BA53)

NOTE:

- Lighting is dimmable and timer allows for non-security lighting to be turned off overnight.
- All external lighting is controlled by a time clock and daylight sensor with a master control keypad located at main reception area.

LIGHTING STRATEGY

The external lighting has been designed with careful consideration regarding the surrounding sites. The scheme aims to minimise or mitigate the impact of the lighting and lux levels to the landscape and beyond; taking into account the need to limit light spillage to adjacent sites (including the operational railway), and to avoid disturbance to nesting birds and bats.

The closest column to the Network Rail boundary exceeds 20m, while the largest collapse radius for a lighting column is 6m. Therefore, there is no risk to the Network Rail boundary wall from a collapsed lighting column. The scheme also includes low-level bollards, signage lighting, in-ground luminaires and LED light strings (max height 1.2m)

We feel that the external lighting strategy mitigates impact to the Network rail site and provides an exiting landscape.

Note 1: All outgoing circuits to feed the public realm lighting to be separately metered.

Note 2: All lighting circuits are indicative only. Final control circuitry of lighting to be agreed with Client prior to commissioning

Note 3: All external landscape lighting to be controlled via timeclock, photo-cell and lighting keypad.

Updated External Lighting Plan
2017.04.05

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Notes

- Do not scale from drawings.
- To be read in conjunction with all relevant Architects', Services and Structural Engineers' drawings.
- All existing site, tree and building information has been compiled from different sources.
- All dimensions to be checked on site.

Revisions

- Revision C: -Noted updated
- Revision D: -Sign lighting in main entrance relocated
- Revision E: - Note to sign lighting in main entrance added
- Revision E1: - Lighting confirmed

CONSTRUCTION ISSUE		Project	Kingsgate Liddell
Project No.	KL037	Client	London Borough of Camden
Date	31st March 2017	Revision	E
Scale	1:250 @ A1	Drawing Name	Landscape lighting plan
Dwg No.	KL037.G.03.LTP1		

Note: All external works should comply with Arboricultural Method Statement