FOUNDRY

PRSM 2327
Reading International Business Park

11th November 2020

This information is to be read in conjunction with our Concept Presentation, Lighting Plans, Lighting Specification and Switching Schedule.

The brief for the exterior lighting concept for Reading International Business Park covers lighting to landscape, public realm and façade, to enhance night-time appearance and create visual identity.

Colour Temperature:
The use of different colour temperatures throughout the three identified zones contributes to enhancing their appearance as well as establishing them as separate zones that support navigation throughout the space. A cooler colour temperature of 4000K is used for streets as well as pathways, while a warm white of 2700K is intended to illuminate the landscape around the lake, complimenting nature and allowing for soft and subtle accents throughout. The transition areas between hard- and softscapes will be illuminated in a neutral 3000K, including planters, flower beds as well as dwelling spaces.

Façade:
The lighting to the façade consists of spotlighting to the front façade branding walls, as well as illuminating the main entrance's arched structure and accentuating the corner staircases. The two proposals for the main entrance consist of ground recessed narrow beam uplights to the underside of the arches, as a more architectural approach and linear LED's integrated to the structure as the graphic option. Both options are proposed to work together to create different effects dependant on the time of day. The corner staircases are to be accentuated by utilizing the corner void and suspending feature pendants along the entire height of the building, creating a point of interest within the façade.

Rear Terraces:
Lighting to the rear terraces to be limited to spike mounted spotlights in planters and outdoor furniture with integral lighting, to enhance the spaces and create a visual interest.

The Dot Building:
In order to underline the architectural features of the dot, linear LED's are proposed in an indirect cove lighting detail, softly illuminating the timber cladding. Surface mounted spotlights are highlighting the doors and entrances, whilst ground recessed uplights are illuminating the columns throughout. Existing bollards are retained to illuminate pathways surrounding the building.

Allotment, Floral Arc and Dwell Space:
The lighting proposal for the Allotment, as well as The Floral Arc and Dwell Space is focused on softly accentuating the planters, by uplighting them in the Allotment and utilizing indirect skirting details in the Floral Arc. Throughout, spike mounted spotlights illuminate and accentuate the planting and trees. Integrated lighting is proposed for the seating areas.

Extended Lakeside:

In order to achieve a considerate lighting approach to the extended lakeside landscape, lighting elements are kept to a reduced selection. Specially selected light fittings are proposed with controlled light beams using glare shields, snoots & honeycomb louvers, in order to control the light beams and thereby reducing spill light and light pollution. Dimming control has been used throughout to contain the lighting and reduce lighting levels to suit the environment.
Spike mounted spotlights are used to uplight selected larger trees, as well as grazing across the meeting pod. Low glare bollards are proposed along the pathways, creating pockets of light throughout.

Street Lighting:

For the lighting of the access road within the development, existing road lighting is to be retained where possible. However due to the reshaping of the road layout, an introduction of additional fixtures along the new layout is proposed in order ensure adequate light levels for vehicles entering/exiting the development.