

18010 Moorside Infant & Junior School. Ref' 18010/ Planning Statement-Variation Condition 2, dated 20th August 2019

Supporting Statement, to accompany Variation of Condition 2 application to Planning Decision Notice Ref' C6/19/01378/CMA, dated 24-7-19.

Description: Variation of Condition 2 of Planning Permission Ref. C6/19/01378/CMA for changes to location & quantity of external lighting, consisting of 9No. 6m high lighting columns, 7No. 4m high lighting columns and 4No. 1m high lighting bollards at Moorside Infant & Junior School, Harrogate Road, Ripon, North Yorkshire, HG4 1SU.

Documents:-

The following plans approved & listed under Decision Notice ref' C6/19/01378/CMA dated 24-7-19:-

18010-E-607 'P6' Titled Electrical Building Services Proposed Car Park Lighting Layout -4m columns

The following plans submitted as part of Variation of Condition 2 Application dated 15-08-19, ref' NY/2019/0141/73A:-

18010-A-001 'P7' Titled Location Plan 18010-E-607 'P8' Titled Electrical Building Services Proposed Car Park Lighting Layout -4m columns

Omissions/changes to be considered as part of Variation of Condition 2 Application, dated 15-08-19 ref' NY/2019/0141/73A:-

-Align Property Partners Drg No's E-607 'P8'. Electrical Building Services-Proposed Car Park Lighting Layout -4m columns. Additional external lighting, consisting of 1No. 1m high lighting bollard (type G3), and 1No. 4m high lighting column (type G2). Omission of 1No. 6m high lighting column (type G1).

-Change to part of development description wording relating to external lighting context of Planning Permission Ref'. C6/19/01378/CMA dated 24-7-19 from "*erection of 10No. 6m high lighting columns, 6No. 4m high lighting columns, 3No. 1 m high lighting bollards, 16No. external fixed mounted lighting*".

New part-development description: "*erection of 9No. 6m high lighting columns, 7No. 4m high lighting columns, 4No. 1m high lighting bollards, 16No. external fixed mounted lighting*".

Justification Statement, for consideration as a Variation of Condition 2 Application Section 73A:-

-Drg No's E-607 'P8'. To achieve a uniform distribution of ambient light to those accesses within the applicant site, while mitigating its impact to; i. adjacent trees and their proximity to their canopies/roots. ii. site amenity –light pollution levels and operational periods –in use. iii. lighting efficiency and control solutions to minimise negative impact, and nuisance to neighbouring properties. iv. promoting sense of security for user groups- alleviating sense of vulnerability and deterrent against anti-social behaviour.

The original existing car parks were not provided with external lighting. While presenting significant concerns for health and safety of staff and visitors (there have been instances of personal threats / altercations on school premises aside from the potential risk of personal injury resulting from slips,

trips and falls). There have been a number of incidents of low level vandalism on the school site thought to have occurred during hours of dusk / evening.

The use of the 6m tall and 4m tall lighting columns are necessary to provide the correct intensity of lighting to the areas needed and to keep the amount of lighting points down to the minimum (helping to minimize the likelihood of any lighting overspill into neighboring properties). The lighting designers have considered and calculated the potential use of low level bollard style lighting, but the light provided by these types of fittings is very intense in an extremely localised area and will not provide the required lighting levels to the center of the car parking and driving area of the car parks. However, lighting of the footpath linking the main entrance from Harrogate Road to the amalgamated infant / junior site can be lit using low-level bollards, thus reducing the number of columns used in the proposal.

The proposed new lighting system will be controlled via daylight sensors, time clocks and motion detectors per light fitting that have the ability to be set to come on and go off at specified times of the evening (twilight and darkness) and completely turn off after 8.30pm in the new car park/Pickup and drop off area and 7pm in the Infant/Junior amalgamated schools car park.

In addition to the timing of the lighting being on, the lights will also fade down to only 20% of the full lighting brightness when the lighting does not detect the presence of people movements within the illuminated areas.

In general the new lighting has been designed to prevent light spill on to neighboring properties by ensuring that the full light intensity will not travel far enough to cause these areas to be illuminated to a level that may be of concern and the light heads are fitted with shrouds, preventing a direct view of the light source itself from neighboring properties in the vicinity.

It is anticipated that the revised position of the 6m tall lighting head position from the site boundary, where permission had previously been granted, to the location to the lighting column within the landscape planted bed adjacent to the new car park pick up and drop off area, will lessen the effect of lighting overspill to the neighbouring property because it is further away from the boundary that is adjacent to the residential property.

The proposed relocation of the lighting head is to prevent adversely affecting the trees and roots in the site boundary area, that would have been the case if the lighting column had been installed in its originally approved location.

The addition of a 4m tall lighting column position is provided to assist people using the amalgamated junior school car park accessible parking bay, to provide an even and consistent lighting level in that area. The above indicated principals of design will be implemented to prevent disturbance to neighbouring residential properties.

The inclusion of one additional 1m high lighting bollard to the originally approved scheme is located at the end of the footpath adjacent to the Moorside amalgamated school, will provide a very localised area of lighting to illuminate the school access gate for safe access. It is anticipated that there will be no discernible additional lighting over spill to the neighbouring residential properties due to the low level of the proposed 1m high lighting bollard design. The proposed new 1m high lighting bollard lighting system will be controlled via time clock that have the ability to be set to come on and go off at specified times of the evening (twilight and darkness) and completely turn off 7pm. In addition to the timing of the lighting being on, the lights will also fade down to only 20% of the full lighting brightness when the lighting does not detect the presence of people movements within the illuminated areas.