

Lights4Sport by EcoClub
Congerstone Primary School
Proposed MUGA Sports Floodlighting

Design and Access Statement

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Lights4Sport
by EcoClub



CONSULTANCY | DESIGN | SUPPLY | INSTALL | SERVICE | FUNDING

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Confidentiality

This Design and Access Statement has been prepared by **Lights for Sport** exclusively in support of a planning application commissioned by **Congerstone Primary School**. It contains proprietary information and technical analysis that must not be disclosed to any third party or used for any purpose other than the assessment of this application, without the prior written consent of either Lights for Sport or Congerstone Primary School.

SECTION 1: DESIGN & ACCESS STATEMENT

1 Introduction

This Design and Access Statement has been prepared to accompany a full planning application submitted by Congerstone Primary School for the installation of floodlighting to its existing Multi-Use Games Area (MUGA), located on Shackerstone Road, Congerstone, Warwickshire, CV13 6NH.

The proposal relates solely to the addition of four LED floodlights to facilitate extended use of the MUGA during darker winter afternoons and evenings. The MUGA itself has been in situ since approximately 2009 and no changes are proposed to its footprint or surface.

2 Site Context

Congerstone Primary School is a well-established educational facility dating back to 1825. The school serves the village and nearby rural communities. The existing MUGA is situated within the school grounds and is enclosed by fencing. The setting is predominantly rural with one residential property (Old School House) located to the southwest.

The school site is not located within a conservation area and is not subject to any statutory heritage designations.

The fenced MUGA proposed to be floodlit was constructed in circa 2009. Access to the MUGA is via the existing school premises.

The Google Earth extract shows the proposed MUGA works area marked in red.

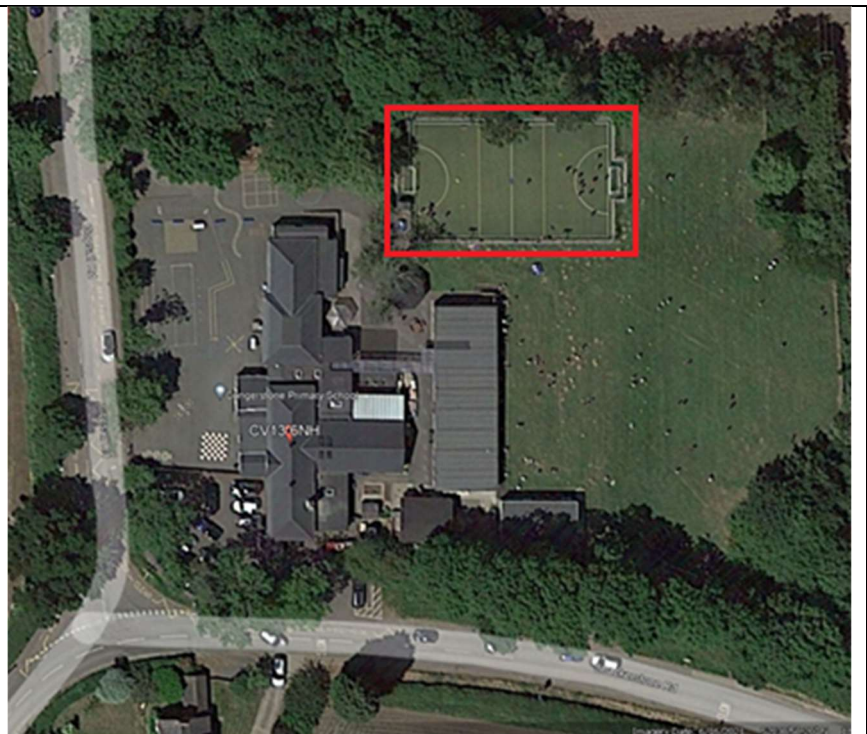


Figure 1: The School & MUGA Proposed to be Lit

3 Proposed Development

The application seeks permission to install:

- Four 8.0-metre-high galvanised steel columns, one at each corner of the MUGA.
- Each column will carry one Dark Licht DC Bright LED floodlight with 2700K warm white colour temperature.
- The lighting is directional with advanced optics to minimise spill and glare.
- An automated control system with time restrictions and dimming to reduce energy use and light trespass.
- A strict curfew is proposed, with all lighting to be switched off by 9:00 PM.

No physical changes will be made to the MUGA surface or layout.

4 Design Justification

The lighting design complies with the following standards and guidance:

- ILP Guidance Note GN01/20 (Reduction of Obtrusive Light)
- BS EN 12193:2007 – Sports Lighting
- ILP/Bat Conservation Trust GN08/18 – Bats and Artificial Lighting
- Sport England Design Guidance for Artificial Sports Lighting
- The proposed luminaires have full horizontal cut-off with 0.0% upward light, eliminating sky glow.
- Predicted vertical illuminance on the nearest dwelling is <1.0 lux (well within the ILP's E2 environmental zone limit of 5 lux).

5 Access

There are no changes proposed to site access. The existing school access arrangements will continue to be used by pupils and staff. The lighting installation does not affect circulation or movement within the school site and there is adequate parking.

6 Sustainability and Environmental Considerations

- Use of high-efficiency LED technology.
- Directional beam control to protect nocturnal wildlife.
- Lighting only used during limited hours with automated shut-off.
- Lighting aligned with the school's wider environmental and sustainability objectives.

7 Conclusion

This proposal enables safe and flexible year-round use of the MUGA without significant impact on the environment or local amenity. The design is sensitive to its rural setting and incorporates the latest guidance on wildlife protection, obtrusive light reduction, and energy efficiency.

The school seeks approval for this modest yet valuable enhancement to its sports provision and community offering.