

# Lighting Assessment

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## **Proposed Two Outdoor Padel Courts**

Fairfield's,  
Semington, Trowbridge BA14 6JD

## **Revision: A Document Control**

|                  |                                 |
|------------------|---------------------------------|
| <b>Project</b>   | <b>Two Outdoor Padel Courts</b> |
| <b>Site</b>      | <b>Fairfield's</b>              |
| <b>Client</b>    | <b>Tim &amp; Jane Wallis</b>    |
| <b>Authority</b> | <b>Wiltshire Council</b>        |
| <b>Status</b>    | <b>Planning Application</b>     |

## **1 Introduction**

The report supports the planning application for two outdoor padel courts with associated welfare facilities and parking. It considers the proposed lighting arrangement and its effect on neighbouring amenity, ecology and the rural environment.

## **2 Site Description**

The development comprises two side-by-side padel courts, a timber viewing deck, a portacabin with WC facilities and a permeable gravel parking area. The site is accessed from the A361 via the existing track.

## **3 Existing Lighting Environment**

The site lies within a rural setting considered comparable to ILP Environmental Zone E2. Existing lighting is limited and surrounding hedgerows provide visual screening.

## **4 Proposed Lighting Scheme**

Eight downward-facing LED floodlights (four per court) mounted on 6 m columns will illuminate the courts. Luminaires will be fully shielded and timer controlled, operating only between 08:00 and 22:00.

## **5 Standards**

The design has regard to BS EN 12193, ILP GN01:2021, relevant CIBSE guidance and the National Planning Policy Framework.

## **6 Light Spill Assessment**

The use of directional optics, 6 m mounting height and timer controls minimises light spill beyond the playing area. With only two courts, the illuminated area is limited and impacts on neighbouring properties are expected to be low.

## **7 Ecology**

Existing hedgerows will be retained. Lighting has been designed to minimise spill into surrounding habitat and maintain dark corridors for wildlife.

## **8 Residential Amenity**

The nearest residential property is approximately 25 m from the rear of the courts. Downward-directed lighting, limited hours and shielding reduce glare and light intrusion.

## **9 Conclusion**

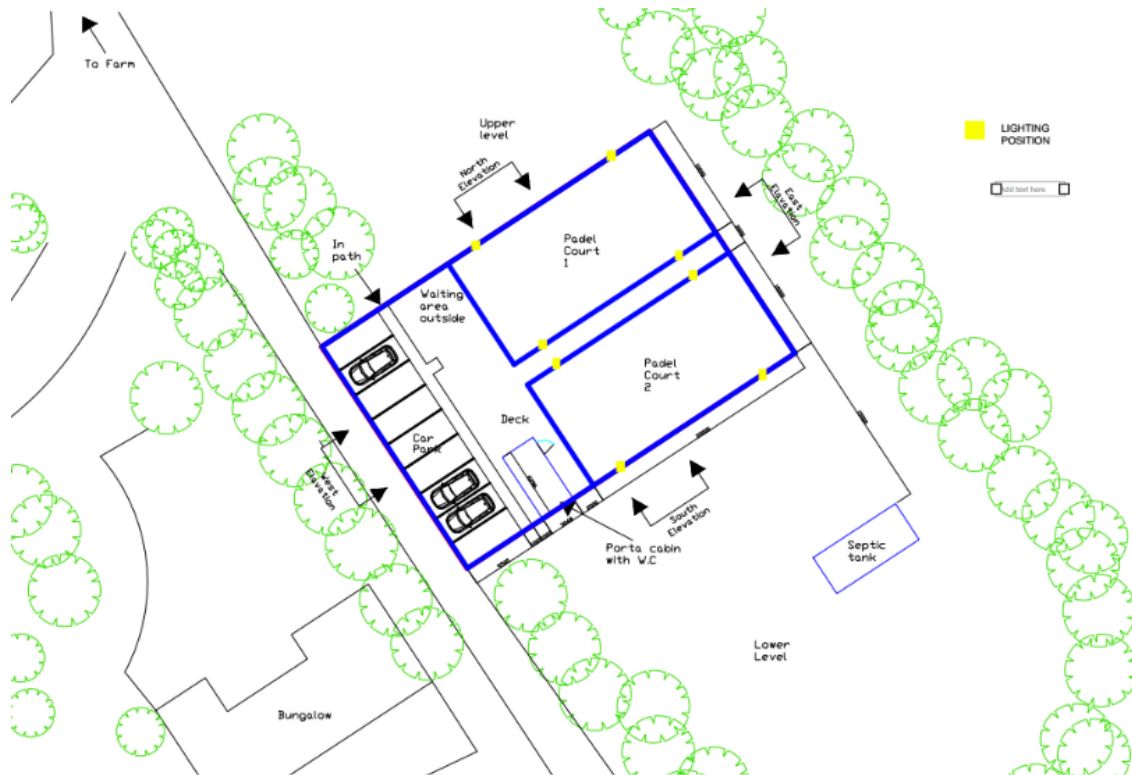
The proposed lighting strategy provides suitable illumination for recreational padel while minimising effects on the surrounding rural environment and neighbouring properties.

## **Appendix A - Proposed Lighting Specification**

- 8 LED floodlights (4 per court)
- Mounting height: 6 m
- Timer controlled
- Downward facing optics
- Operating hours: 08:00–22:00

An additional 300mm cowl will be fitted to further reduce light spillage.

## Appendix B



## Appendix C

See attached Kingfisher Vasta data sheets