


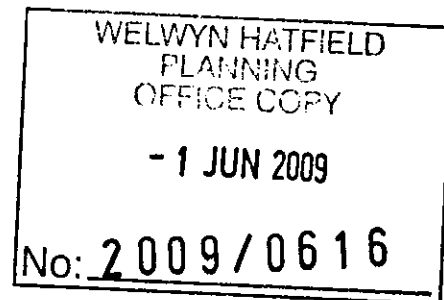


Illuminance Survey

Phosco Limited
Charles House
Great Amwell
Ware, Hertfordshire
SG12 9TA



Date: 08/05/09
Client: Mrs. Wheeler
Project: Ménage
Coopers Lane Road
Northaw
Drg. No: LS11534-1-1

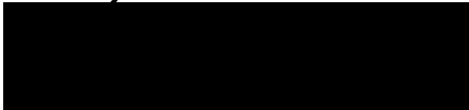


The site is situated in a secluded field at the bottom of an incline, surrounded by trees and thick vegetation on two sides.

The ménage is lit using six 70W high pressure sodium floodlights mounted at 4 metres on scaffold poles clamped to the surrounding wooden fence. The floodlights appear to be aimed at approximately 45 degrees from the downward vertical.

Horizontal illuminance measurements at ground level were taken on a 5 metre grid and the average level was found to be 20.6 lux. This level would be adequate for the exercising of horses.

Additional illuminance readings were taken 5 metres outside the ménage. These readings were generally low, apart from a value of 9.5 lux. This was most likely due to the light coming from the stable building.



A. Cataldo
Lighting Engineer