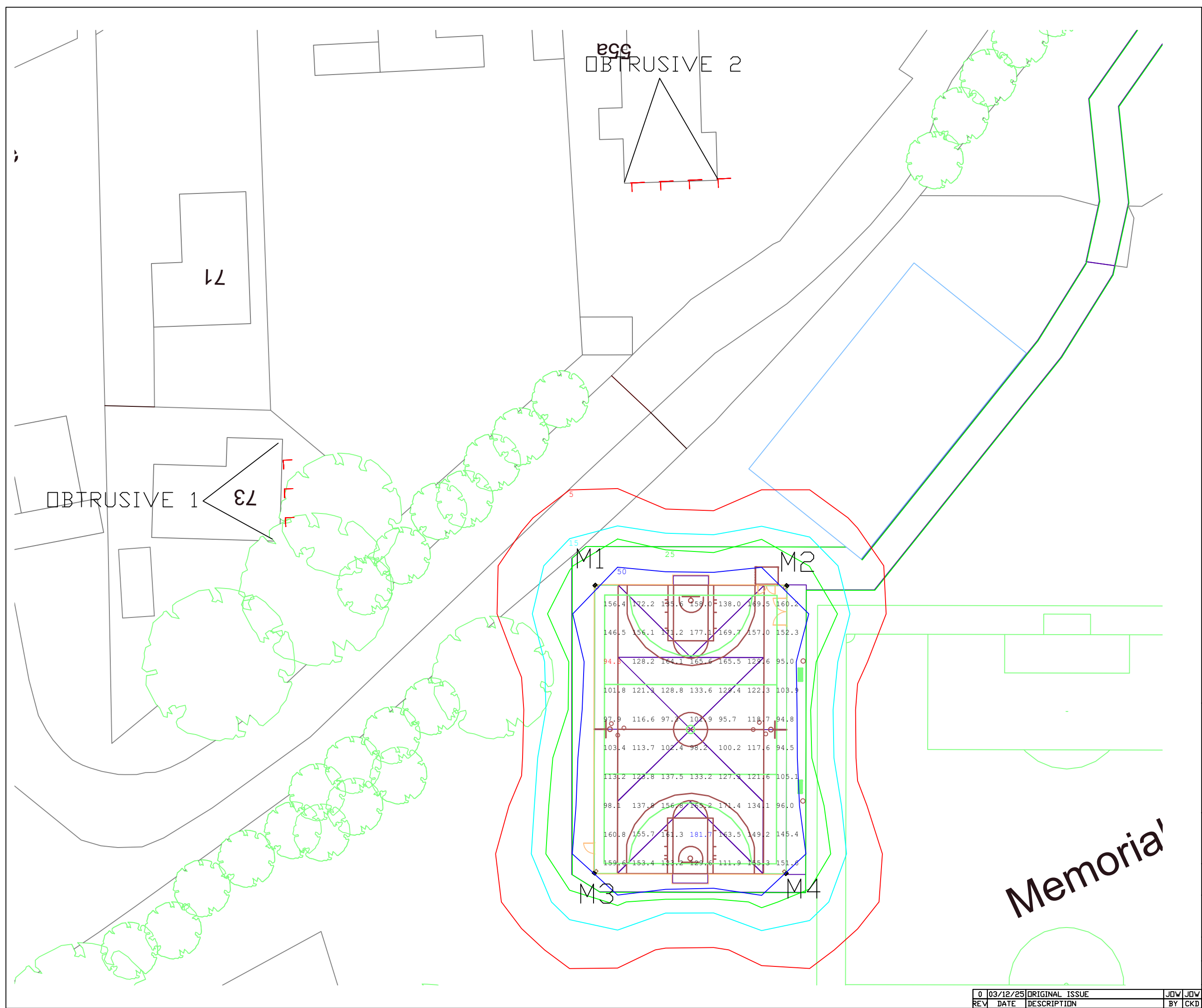




**NOTES:**

**Floodlighting Equipment**  
4 x 6m Masts (M1-M4)  
Each carrying the following Floodlights :-  
M1-M4  
...1 x Siteco FL21 Midi (S)

**Lamps = Siteco LED - 4,000K CRI 70**

**Illuminance Levels**  
**Initial -**  
(100hrs) E.i.ave = 134Lux  
**Maintained -**  
(4000hrs) E.i.ave = 121Lux  
**Uniformity**  
Emin/Eave = 0.70  
Emin/Emax = 0.52

Grid values in Lux(initial).  
Grid interval = 5m.  
Contour values in Lux (initial).  
Contours: 5, 15, 25, 50 Lux.

**Maintenance Factor = 0.90**  
(Based on a cleaning interval of 2 years)

**Obtrusive Light - Compliance Report**

CIE 150:2003, E2-Rural, Pre-Curfew  
Filename: HLS11468  
03/12/2025 10:22:29

**Illuminance**  
Maximum Allowable Value: 5 Lux

Calculations Tested (2):

| Calculation Label         | Test Results | Max. Illum. |
|---------------------------|--------------|-------------|
| ObtrusiveLight_1_Ill_Seg1 | PASS         | 0.2         |
| ObtrusiveLight_2_Ill_Seg1 | PASS         | 0.2         |

**Luminous Intensity (Cd) At Vertical Planes**  
Maximum Allowable Value: 7500 Cd

Calculations Tested (2):

| Calculation Label        | Test Results |
|--------------------------|--------------|
| ObtrusiveLight_1_Cd_Seg1 | PASS         |
| ObtrusiveLight_2_Cd_Seg1 | PASS         |

EST. 1962

HALLIDAY LIGHTING

www.halliday-lighting.co.uk

THIS DRAWING & THE INFORMATION CONTAINED THEREIN IS THE PROPERTY OF HALLIDAY LIGHTING LTD AND SHOULD NOT BE COPIED IN WHOLE OR IN PART, DISCLOSED TO ANY THIRD PARTY OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF HALLIDAY LIGHTING  
email - info@halliday-lighting.co.uk

|                                          |                     |
|------------------------------------------|---------------------|
| PROJECT NAME:<br>Sutton Bridge           |                     |
| DRAWING TITLE:<br>Proposed Floodlighting |                     |
| DRAWN BY:<br>JDW                         | DATE:<br>03/12/2025 |
| CHECKED BY:<br>JDW                       | SCALE:<br>NTS       |
| DRAWING No:<br>HLS11468                  | REVISION:<br>REV    |