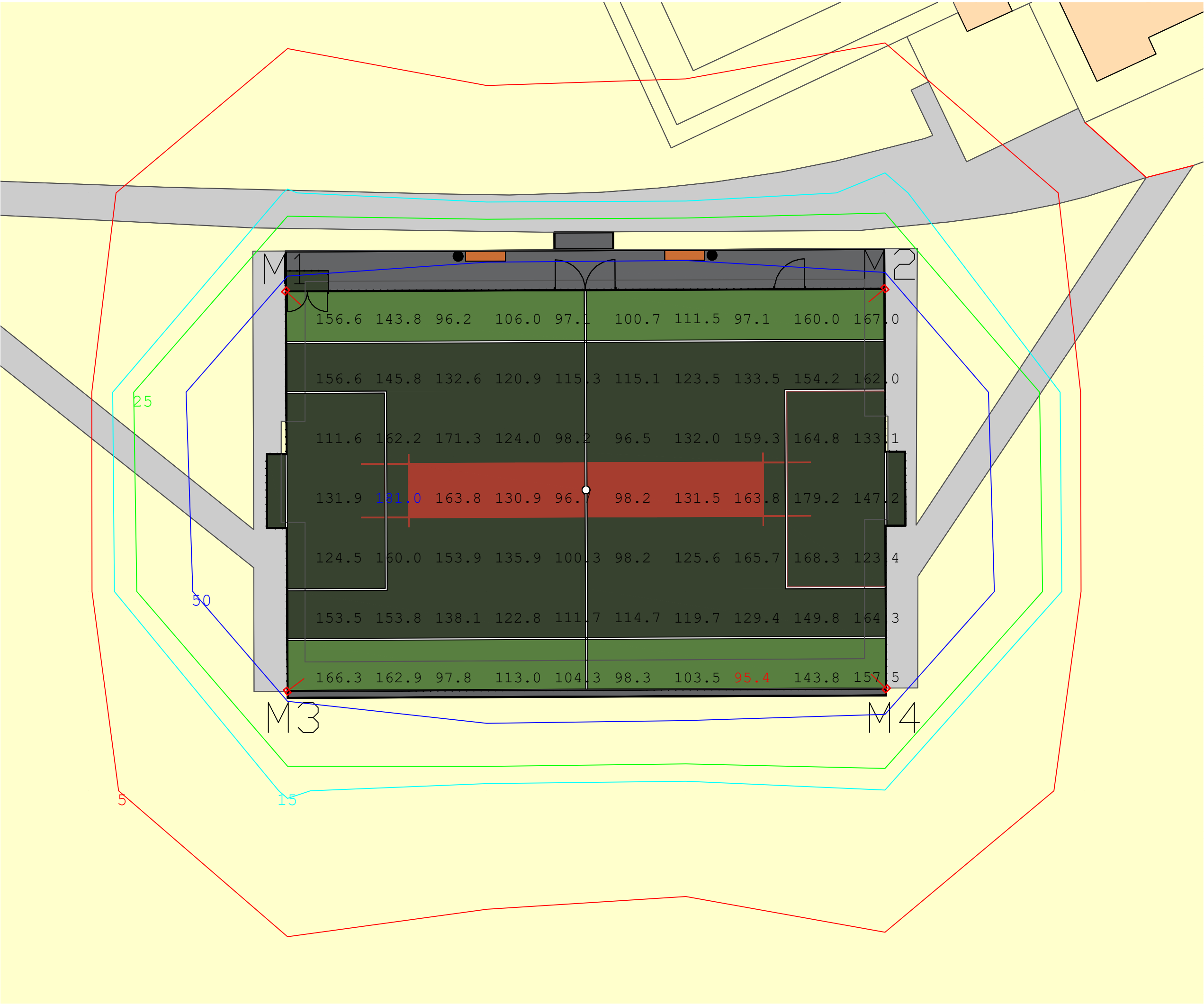




NOTES:

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

Lamps = Siteco LED - 4,000K CRI 70

Illuminance Levels
Initial -
(100hrs) E.i.ave = 133Lux
Maintained -
(4000hrs) E.i.ave = 120Lux
Uniformity
Emin/Eave = 0.72
Emin/Emax = 0.53

Grid values in Lux(initial).
Grid interval = 3m.
Contour values in Lux (initial).
Contours: 5, 15, 25, 50 Lux.

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

EST. 1962

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PROJECT NAME: King George V	
DRAWING TITLE: Proposed Floodlighting Page 1: Pitch Levels	
DRAWN BY: JDW	DATE: 06/01/2025
CHECKED BY: JM	SCALE: NTS
DRAWING No: HLS9401	REVISION: REV 1

0	23/10/24	ORIGINAL ISSUE	JDW	JM
1	06/01/25	Changed to 120 lux	JDW	JM

Obtrusive Light - Compliance Report

CIE 150:2003, E2-Rural, Pre-Curfew
Filename: HLS9401 rev 1
06/01/2025 10:58:50

Illuminance

Maximum Allowable Value: 5 Lux

Calculations Tested (3):

Calculation Label	Test Results	Max. Illum.
ObtrusiveLight_1_Ill_Seg1	PASS	0.0
ObtrusiveLight_2_Ill_Seg1	PASS	0.1
ObtrusiveLight_3_Ill_Seg1	PASS	0.0

Luminous Intensity (Cd) At Vertical Planes

Maximum Allowable Value: 7500 Cd

Calculations Tested (3):

Calculation Label	Test Results
ObtrusiveLight_1_Cd_Seg1	PASS
ObtrusiveLight_2_Cd_Seg1	PASS
ObtrusiveLight_3_Cd_Seg1	PASS

NOTES:

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PROJECT NAME:
King George V

DRAWING TITLE:
Proposed Floodlighting
Page 2: Obtrusive Light

DRAWN BY: JDW
DATE: 06/01/2025

CHECKED BY: JM
SCALE: NTS

DRAWING No: HLS9401
REVISION: REV 1

0	23/10/24	ORIGINAL ISSUE	JDW	JM
1	06/01/25	Changed to 120 lux	JDW	JM

OBTRUSIVE LIGHT 3

OBTRUSIVE LIGHT 2

OBTRUSIVE LIGHT 1

