

NOTES:

Floodlighting Equipment
6 x 15m Masts (M1-M6)
Each carrying the following Floodlights :-
M1, M3, M4 & M6
...1 x Sileco FL11-3 Blade-PL33T-Back Cows
...1 x Sileco FL11-2 Blade-PL33T-Back Cows
M2 & M5
...2 x Sileco FL11-3 Blade-PL33T-Back Cows

Lamps = Sileco LED - 5,000K CRI 70

Illuminance Levels
Initial -
(100hrs) E₁ave = 228Lux
Maintained -
(4000hrs) E₁ave = 205Lux
Uniformity
En_{min}/E_{max} = 0.83
En_{min}/E_{max} = 0.36

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 - E3-Suburban, Pre-Curfew
Filename: Hs12295 REV 1
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Illuminance
Maximum Allowable Value: 10 Lux

Calculation Label	Test Results	Max. Illum.
ObtrusiveLight_1_III_Seg1	PASS	1.2
ObtrusiveLight_2_III_Seg1	PASS	0.9
ObtrusiveLight_2_III_Seg2	PASS	0.3
ObtrusiveLight_2_III_Seg3	PASS	0.9
ObtrusiveLight_2_III_Seg4	PASS	0.2
ObtrusiveLight_2_III_Seg5	PASS	0.8
ObtrusiveLight_3_III_Seg1	PASS	1.2

Luminous Intensity (Cd) At Vertical Planes
Maximum Allowable Value: 10000 Cd

Calculation Label	Test Results
ObtrusiveLight_1_Cd_Seg1	PASS
ObtrusiveLight_2_Cd_Seg1	PASS
ObtrusiveLight_2_Cd_Seg2	PASS
ObtrusiveLight_2_Cd_Seg3	PASS
ObtrusiveLight_2_Cd_Seg4	PASS
ObtrusiveLight_2_Cd_Seg5	PASS
ObtrusiveLight_3_Cd_Seg1	PASS

EST. 1962

HALLIDAY

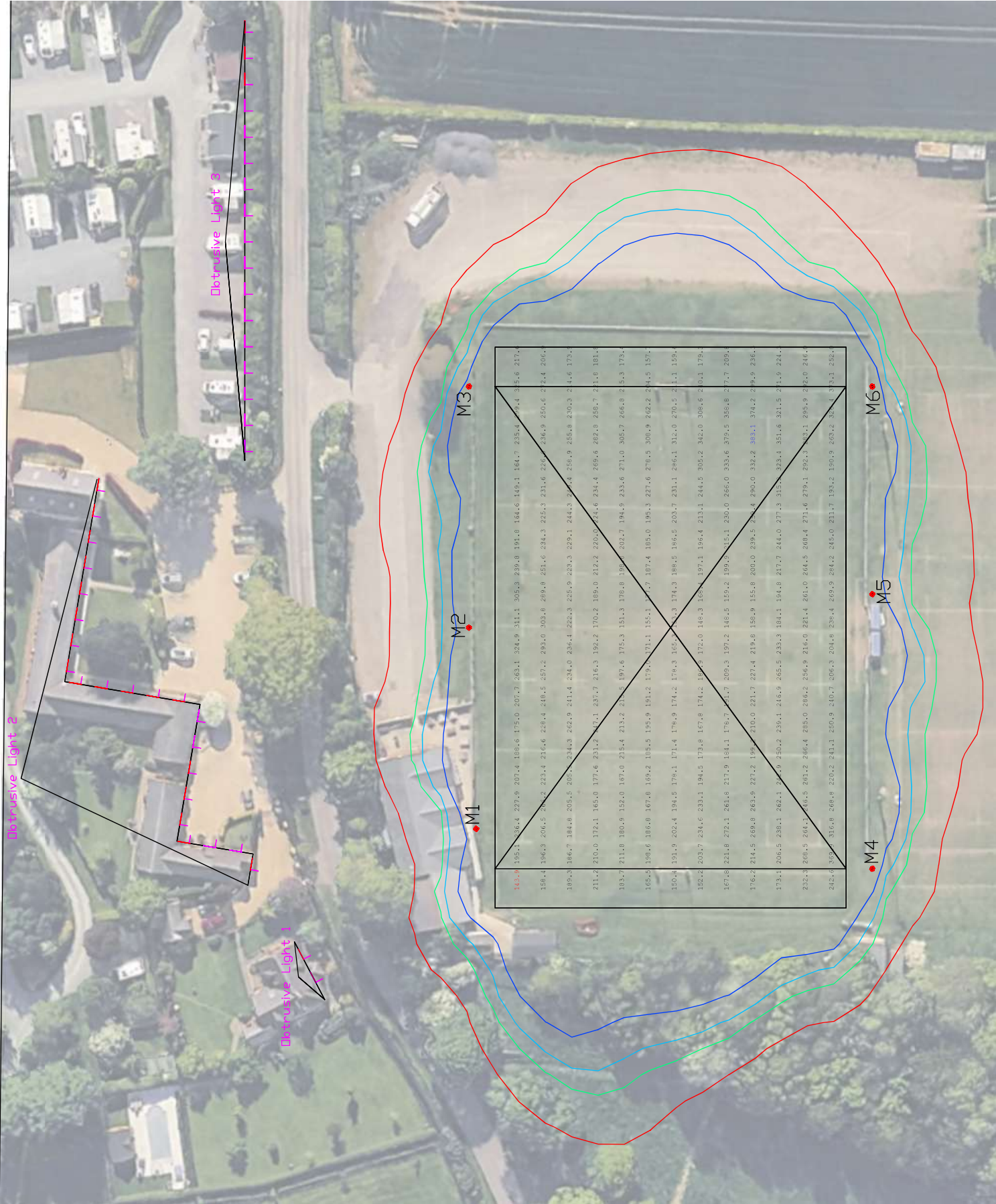
LIGHTING

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PROJECT NAME:
Market Bosworth RFC

DRAWING TITLE:
Proposed Lighting

DRAWN BY:	DATE:
JTW	14/05/2026
CHECKED BY:	SCALE:
JM	NTS
DRAWING NO:	REVISION:
HL-S12295	REV 1



0	05/05/26	ORIGINAL	ISSUE
1	14/05/26	Improved uniformity	