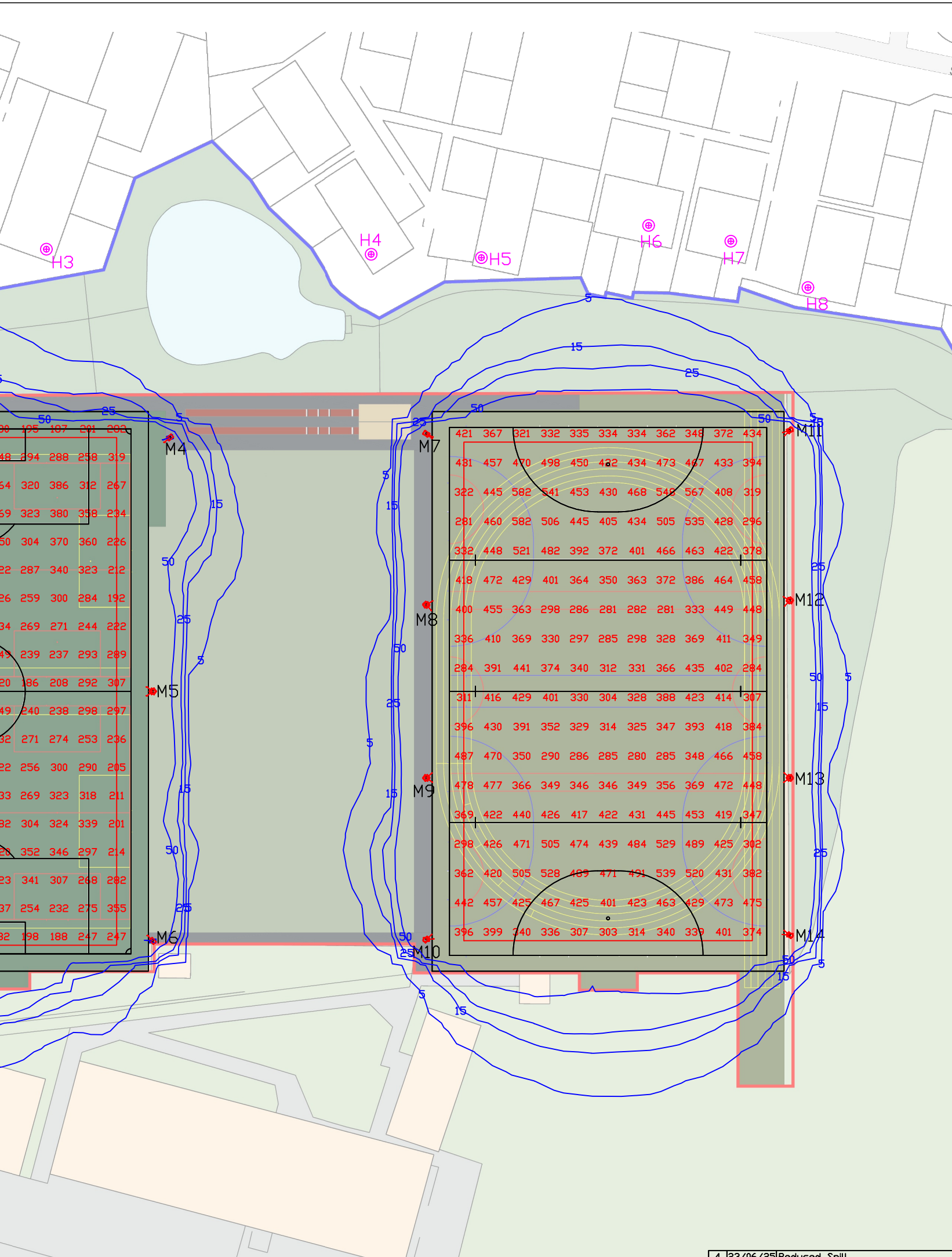




NOTES:

Floodlighting Equipment
14 x 15m Masts (M1-M14)
Each carrying the following Floodlights :-
M1, M3, M4 & M6
...1 x Siteco FL11-3 Blade-PL33T BLC
...1 x Siteco FL11-2 Blade-PL33T BLC
M2 & M5 & M7-M17
...2 x Siteco FL11-3 Blade-PL33T BLC
M1-M14
Full Shields

Lamps = Siteco LED - 5,000K CRI 70

Illuminance Levels
Initial - Football
(100hrs) E.i.ave = 264Lux
Maintained -
(4000hrs) E.i.ave = 238Lux
Uniformity
Emin/Eave = 0.61
Emin/Emax = 0.42

Illuminance Levels
Initial - Hockey
(100hrs) E.i.ave = 401Lux
Maintained -
(4000hrs) E.i.ave = 361Lux
Uniformity
Emin/Eave = 0.70
Emin/Emax = 0.48

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)

Source Intensity Calcs (Candelas)
House1: 429cd
House2: 1687cd
House3: 7184cd
House4: 397cd
House5: 198cd
House6: 137cd
House7: 132cd
House8: 102cd



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PROJECT NAME:
Sackville School

DRAWING TITLE:
Proposed Lighting

DRAWN BY: IH	DATE: 23/06/2025
CHECKED BY: JM	SCALE: NTS
DRAWING No: HLS8102	REVISION: REV4

4	23/06/25	Reduced Spill	IH	JM
3	17/06/25	Updated Design	HJ	HJ
2	25/10/24	Added external cowls	HJ	JM