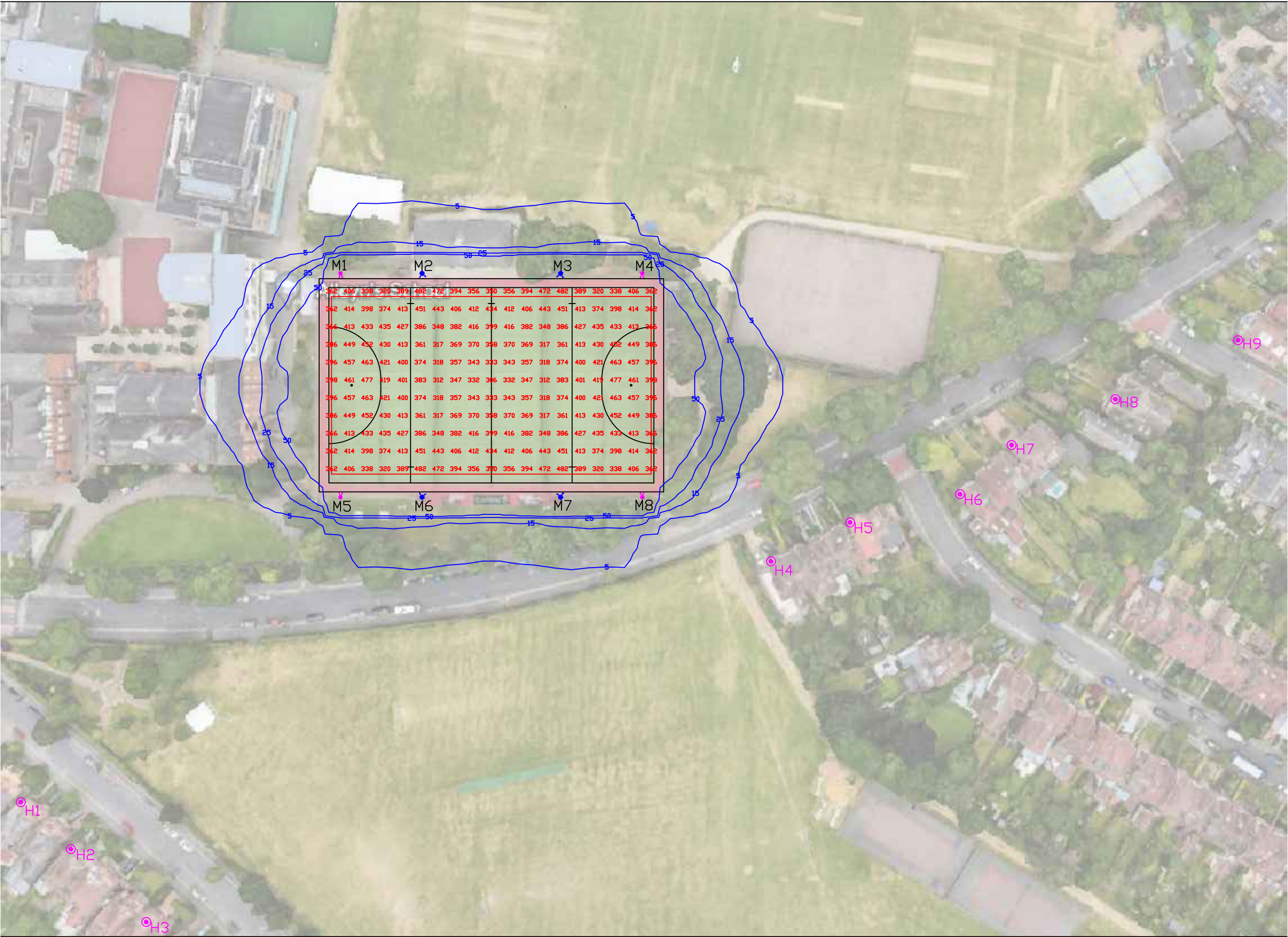




NOTES:
Floodlighting Equipment
8 x 15m Masts (M1-M8)
Each carrying the following Floodlights :-
M1, M4, M5 & M8
...2 x Siteco FL11-2 Blade-PL33T
M2, M3, M6 & M7
...2 x Siteco FL11-3 Blade-PL33T

Lamps = Siteco LED - 5,000K CRI 70

Illuminance Levels
Initial -
(100hrs) E.i.ave = 395Lux
Maintained -
(4000hrs) E.i.ave = 356Lux
Uniformity
Emin/Eave = 0.77
Emin/Emax = 0.63

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):
House 1: 3282CD
House 2: 2932CD
House 3: 3259CD
House 4: 6454CD
House 5: 7247CD
House 6: 3872CD
House 7: 2898CD
House 8: 1723CD
House 9: 1542CD



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PROJECT NAME:
Alleyns School

DRAWING TITLE:
Proposed Floodlighting

DRAWN BY: IH	DATE: 13/03/2025
CHECKED BY: IH	SCALE: NTS
DRAWING No: HLS5514	REVISION: REV7

6	17/06/24	Astro & Tennis courts reheaded	JDW	JM
7	13/03/25	NEW DATA	IH	IH