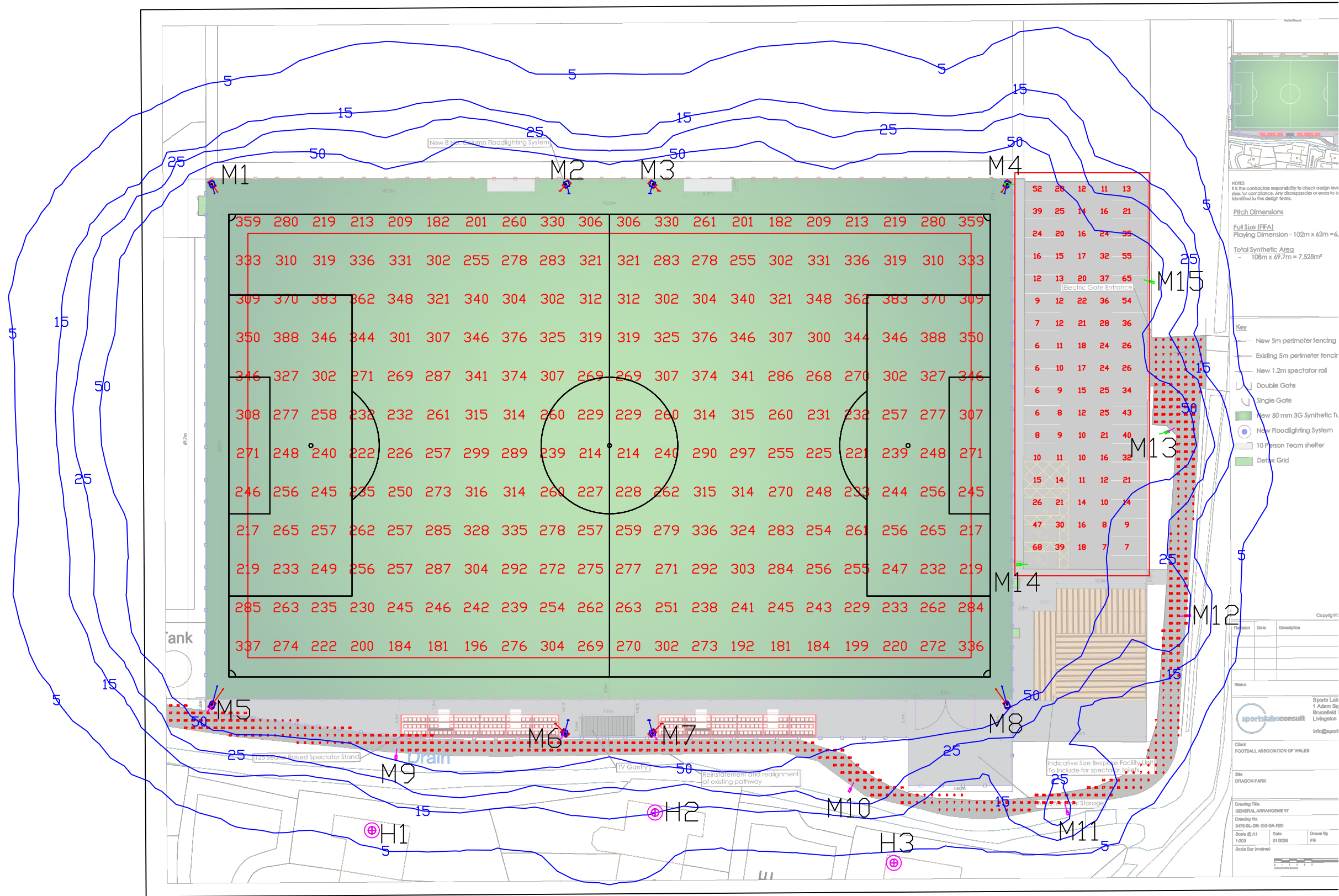




- NOTES:**
- Floodlighting Equipment**
8 x 15m Masts (M1-M8)
7 x 6m Masts (M9-M15)
Each carrying the following Floodlights :-
M1-M3 & M8
...1 x Siteco FL11-3 Blade-PL33T
...1 x Siteco FL11-2 Blade-PL33T
M4
...1 x Siteco FL11-3 Blade-PL33T
...1 x Siteco FL11-2 Blade-PL33T
Mounted at 6m
...1 x Siteco SL21 iQ Mini 4000K (11290lm)
M5-M7
...1 x Siteco FL11-3 Blade-PL33T
...1 x Siteco FL11-2 Blade-PL33T
Mounted at 6m
...1 x Siteco SL21 iQ Micro 4000K (5010lm)
M9-M12
...1 x Siteco SL21 iQ Micro 4000K (5010lm)
M13
...1 x Siteco SL21 iQ Mini 4000K (11290lm)
...1 x Siteco SL21 iQ Micro 4000K (5010lm)
M14 & M15
...1 x Siteco SL21 iQ Mini 4000K (11290lm)

Lamps = Siteco LED - 5,000K CRI 70

Illuminance Levels
Pitch
Initial -
(100hrs) E.i.ave = 280Lux
Maintained -
(4000hrs) E.i.ave = 252Lux
Uniformity
Emin/Eave = 0.65
Emin/Emax = 0.47

Pathway
Initial -
(100hrs) E.i.ave = 15Lux
Maintained -
(4000hrs) E.i.ave = 14Lux
Uniformity
Emin/Eave = 0.25

Carpark
Initial -
(100hrs) E.i.ave = 21Lux
Maintained -
(4000hrs) E.i.ave = 19Lux
Uniformity
Emin/Eave = 0.27

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 1:5553CD
House 2:2526CD
House 3:2951CD



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PROJECT NAME:
Dragon Park

DRAWING TITLE:
Proposed Lighting

DRAWN BY: IH	DATE: 12/03/2026
CHECKED BY: JOW	SCALE: NTS
DRAWING No: HLS11709	REVISION: REV1

0	23/01/26	ORIGINAL ISSUE	HJ	HJ
1	12/03/26	Added Path & Carpark	IH	JOW