

NOTES:

Floodlighting Equipment

10 x 15m Masts (M1-M10)

8 x 6m Masts (M11-M18)

10 x 5m Masts (M19-M28)

Each carrying the following Floodlights :-

M1, M3, M4 & M6

...1 x Siteco FL11-3 Blade-PL33T

M2 & M5

...2 x Siteco FL11-3 Blade-PL33T

M7-M10

...1 x Siteco FL11-2 Blade-PL33T

...1 x Siteco FL11-1 Blade-PL33T

M11, M12, M17 & M18

...1 x Siteco FL21 midi (L) 36900lm 4000k

M13-M16

...2 x Siteco FL21 midi (L) 36900lm 4000k

M19, M20, M23, M24 & M28

...1 x Siteco SL21 ST1.0a micro 4000k 5010lm

M21, M22 & M25-M27

...2 x Siteco SL21 ST1.0a micro 4000k 5010lm

Lamps = Siteco LED - 5,000K CRI 70

Illuminance Levels

Initial - 11 v 11 Football

(100hrs) E.i.ave = 223Lux

Maintained -

(4000hrs) E.i.ave = 201Lux

Uniformity

Emin/Eave = 0.60

Emin/Emax = 0.34

Illuminance Levels

Initial - 7 v 7 Football

(100hrs) E.i.ave = 259Lux

Maintained -

(4000hrs) E.i.ave = 233Lux

Uniformity

Emin/Eave = 0.80

Emin/Emax = 0.60

Illuminance Levels

Initial - Padel

(100hrs) E.i.ave = 352Lux

Maintained -

(4000hrs) E.i.ave = 317Lux

Uniformity

Emin/Eave = 0.76

Emin/Emax = 0.62

Illuminance Levels

Initial - Car Park

(100hrs) E.i.ave = 18Lux

Maintained -

(4000hrs) E.i.ave = 16Lux

Uniformity

Emin/Eave = 0.12

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 1:4780CD

House 2:4722CD

House 3:4291CD

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PROJECT NAME:

Anstey Nomads

DRAWING TITLE:

Proposed Lighting

DRAWN BY:

HJ

CHECKED BY:

JM

DRAWING No:

HLS11961

DATE:

25/02/2026

SCALE:

NTS

REVISION:

REV