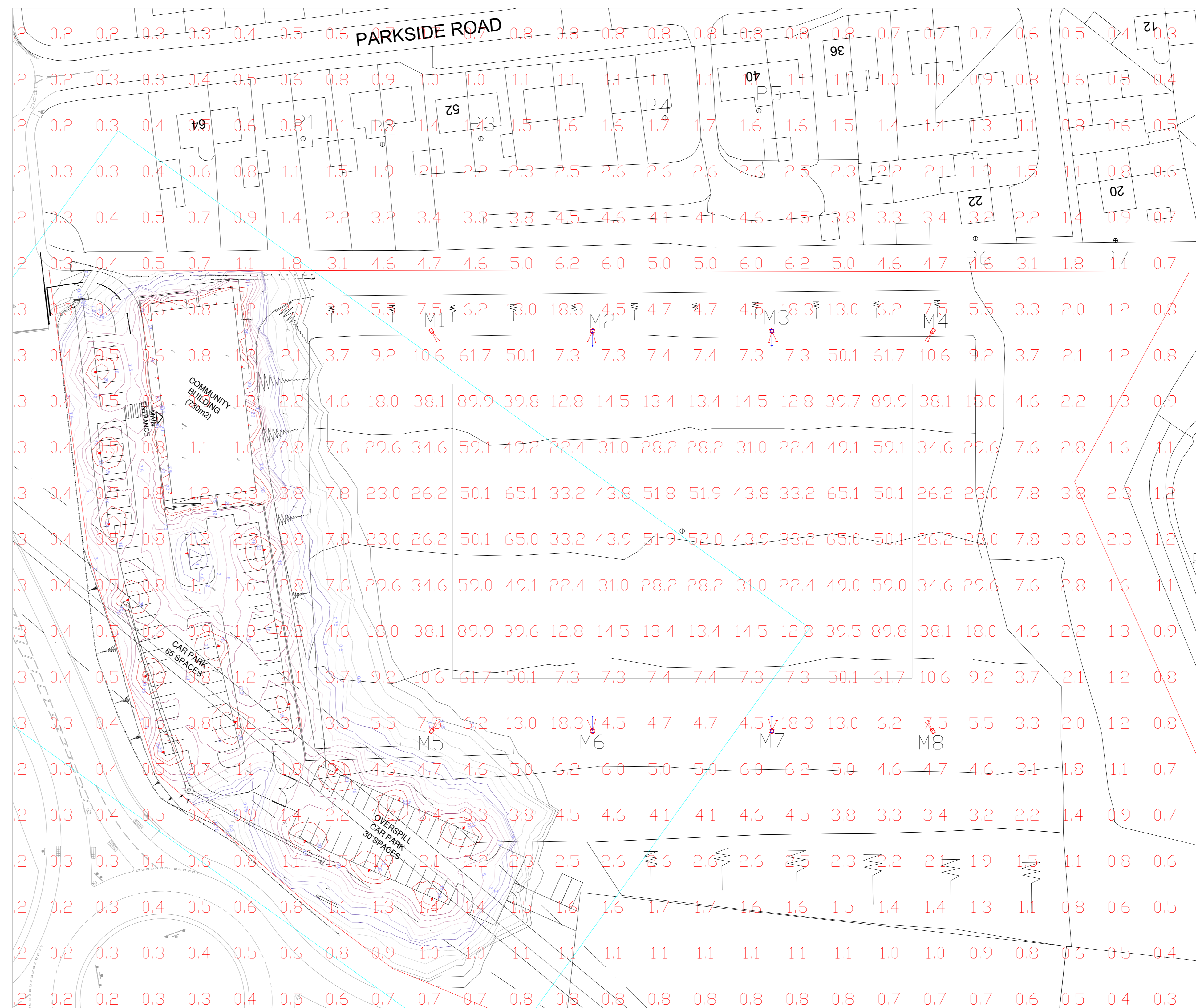


01 Light Spill Plan Overlay - Thorlux 570691-00R1 & Halliday HLS6470 Horizontal

1:500



02 Vertical Light Spill Plan Overlay - Thorlux 570691-00R1 & Halliday HLS6470 Vertical

1:500

THORLUX KEY - BUILDING & CAR PARK

- X1 18 SB031A2XS 31w LED 4000K Starbeam floodlight. Small Version. Area Distribution. SmartScan.
 - X2 12 WRL19069SS 2w LED Recess SmartScan polycarbonate refractor LED high performance exterior luminaire. Wide Distribution. SmartScan Emergency Version. 4000K.
- Car park lighting on galvanised steel columns**

Notes

1. This drawing is for schematic purposes and installation shall fully comply with BS7671 (or National equivalent).
2. Luminaire positions are indicative only and subject to confirmation of ceiling types. Ceiling voids and other obstructions not taken into consideration unless shown on the layout.
3. Lighting designs will be carried out in accordance with information provided. Where no information is provided, lighting design criteria will be selected in accordance with the minimum required values as detailed within guidance provided by CIBSE/SLL or British/Irish Standards. Thorlux will not be held responsible if inaccurate, incomplete or out of date information is provided.
4. It is the installing contractors responsibility to ensure all luminaires and lighting controls are suitable for the environment and ceiling type for which they are proposed.
5. In designing this initial scheme we have prejudged areas which are likely to require emergency lighting in compliance with BS5266-1, -7 & -8 but it is the customer's responsibility to risk assess all areas, ensure coverage of all "positions of emphasis" and notify changes. Consequently, our design is limited pending this information.
6. When required, interconnecting leads and mains starter leads have been included. Horizontal distance between luminaires has been used to determine the length of interconnecting leads. Additional leads to be ordered separately if required, for example, to allow for unforeseen obstructions within the ceiling void.
7. PIR positions are indicative only and are subject to quantity and location changes dependant upon room and furniture layouts.
8. The provided Lighting Design has been completed by others and Thorlux Lighting accept no design responsibility relating to this scheme.

HALLIDAY KEY - PITCH

- Floodlighting Equipment**
 8 x 15m Masts (M1-M8) Galvanised steel finish
 Each carrying the following Floodlights :-
 M1, M4, M5 & M8
2 x FL11 - 3 Blade PL33T/BLC
 M2, M3, M6 & M7
2 x FL11 - 3 Blade PL33T/BLC
1 x FL11 - 2 Blade PL33T/BLC

M1-M8.....Rear Cows

Siteco LED - 5,000 Kelvin CRI70

Iluminance Levels
Initial -
 (100hrs) E.i.ave = 243Lux

Maintained -
 (4000hrs) E.i.ave = 219Lux

Uniformity
 Emin/Eave = 0.60

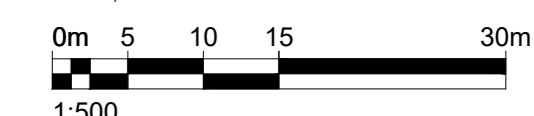
Grid values in Lux(initial).
 Grid interval = 5m.
 Contour values in Lux (initial).
 Contours: 5, 15, 25, 50 Lux.

Maintenance Factor = 0.90
 (Based on a cleaning interval of 2 years)

- Source intensity calculations taken @ 1.5m above ground level;**
Property 1 - 5429cd
Property 2 - 4833cd
Property 3 - 5174cd
Property 4 - 5905cd
Property 5 - 3808cd
Property 6 - 3391cd
Property 7 - 3861cd
Property 8 - 4119cd
Property 9 - 3778cd

DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR. REPORT ANY DISCREPANCIES TO DRAWING AUTHOR AND PROPERTY SERVICES TEAM. DRAWING OR COMMENTS SHOULD NOT BE DUPLICATED WITHOUT PRIOR CONSENT.

DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DOCUMENTS INCLUDING BUT NOT LIMITED TO DRAWINGS, SPECIFICATIONS, SCHEDULES



NOTES

P2	Lighting column finish added.	06/11/23	BST
P1	First Issue	31/10/23	BST
Rev	Notes	Date	Issued By



SERVICE
B.E.S.T

PROJECT
Parkside Community & Sports Facility

TITLE
Combined External Light Spill Plans

PROJECT REF	DRAWING REFERENCE	REV
PO9	P09	P2
SCALE	DISCIPLINE	SHEET SIZE
1:500	ARCHITECTURE	A0
PURPOSE OF ISSUE	PLANNING APPROVAL	Drawn Checked BST