



**Notes**

- This is not an installation drawing.
- The final coordination of services, specialist Sub-Contractors, and building structure is the responsibility of the building services Contractor.
- Do not scale from this drawing.
- This drawing shall be read in conjunction with the MEP Specifications.
- The installation of services shall be in compliance with the workmanship clauses detailed in the Specification.

**Legend**

- A-6 Single R2L2 S 12L50-740 EWR BS 3550 CL1 GY 20W Mounting Height 6m
- A-6 Twin Back-Back 2x R2L2 S 12L50-740 EWR BS 3550 CL1 GY 2x20W Mounting Height 6m
- CA Single TR B S 10L25 740 ASY CL1 MG 11W Mounting Height 1m
- CS Single TR B S 10L25 740 ASY CL1 MG 11W Mounting Height 1m
- B Single PIAZZA II 1690-840 15W Mounting Height 2.4m
- D Single ACFFPRO S LED 2900-840 PC WB HF 22W Mounting Height 4m
- A-4 Twin Back-Back 2 x R2L2 S 12L50-740 EWR BS 3550 CL1 GY 2x20W Mounting Height 4m

**Safety, Health & Environmental Information**

In addition to the hazards / risks normally associated with the types of work detailed on this drawing, note the following:

**Construction**

1. None identified at date of issue.

**Maintenance / Cleaning**

1. None identified at date of issue.

**Decommissioning / Demolition**

1. None identified at date of issue.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

**Revisions**

Updated as per lighting calculations	NW	Jan 23	PO3
External Lighting amended to latest architectural layout updates	NW	Jan 23	PO3
Details	Eng	Date	Rev

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**McCann**  
 and partners

300 Tons

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**Calculation Summary**

Label	CalcType	Units	Avg	Max	Min	Min/Avg
Big Perimeter	Illuminance	Lux	19.93	39	5	0.25
Car Parking	Illuminance	Lux	7.04	16	2	0.28
Cycle & Pedestrian Path	Illuminance	Lux	9.72	61	1	0.10
Drop Off Area	Illuminance	Lux	18.36	84	4	0.22
Habitat Area	Illuminance	Lux	13.61	59	1	0.07
Main Big Entrance	Illuminance	Lux	19.08	56	4	0.21
North West Hedge 1m	Illuminance	Lux	0.12	1	0	0.00
Path to Sports	Illuminance	Lux	27.79	126	2	0.07
Plant	Illuminance	Lux	25.67	57	7	0.27
Rear Path	Illuminance	Lux	16.91	108	1	0.06
South Hedge 1m	Illuminance	Lux	0.00	0	0	N.A.
South west hedge 1m	Illuminance	Lux	0.10	0.3	0.0	0.00
Vehicle Access	Illuminance	Lux	5.76	52	2	0.35

**Isoline Legend**

Color	Value
█	0.5
█	1

**Drawing Title**

Electrical Engineering Services  
 External Lighting Services Layout

Scale	Date	Author	Checked	Engineer	Drawn
1:200	Aug 22	CM	CM	NW	EH

McCamp Ref	Issue	Issue Code	Issue Date
7095	Information	S1	P03

Project: YDE MCP 01 XX DR E 29002

Reviewed: 1:200 10/08/2022 10:02 AM  
 Laid: 10/08/2022 10:02 AM  
 Plotted by: mclennan