

25/01/2024 12:20:04, SHD Plotstamp



GENERAL NOTES

- All documents shall be checked to ensure they are compatible by the contractor before construction commences.
- In the event of apparent ambiguity or contradiction, SHD Lighting Consultancy Ltd and the overseeing organisation shall be notified immediately.
- Before construction commences, the site engineer shall ensure that all setting out information is mutually compatible with all the drawings and documents provided by the overseeing organisation and all drawings and documents are to be read in conjunction with one another.
- SHD Lighting Consultancy Ltd accept no liability in the event of not being notified and where construction work has commenced.
- This lighting design has been prepared in accordance with the HEMSA/HEA Guidance Note - CDM2015 Regulations, Issue 1.1 dated 09/04/15 - Procedure 2 and The Construction (Design and Management) Regulations 2015 - PART 3 Health and safety duties and roles - 9. Duties of designers.

NOTES

- All drawings and documents are to be read in conjunction with one another and are mutually compatible and shall be read as such.
- Any inaccuracies are to be reported to the overseeing organisation immediately.
- The information on this drawing does not account for installation considerations, site conditions or provide any form of risk assessment.
- It should be assumed by the contractor that not all services have been identified during the design period.
- It is the responsibility of the contractor to take all necessary steps to ensure that any such unidentified services are carefully located and not damaged.
- The contractor shall identify the location of any overhead electrical or communication equipment prior to the undertaking of any onsite works. Should the presence of such equipment be identified, the contractor shall consult with the relevant statutory undertaker for further guidance.
- The planting of trees near to lighting columns is to be avoided as future growth may inhibit lighting levels. Due to the layout of the plots and associated driveways it is inevitable that there will be conflict with proposed landscaping features. Where such instances occur the street lighting column locations will take precedence in order to satisfy the requirements of the British Standard.
- The calculation shown by this drawing assumes that the whole area being considered is in the same plane, i.e. there are no changes in gradient or elevation and no account has been taken for the blocking effect caused by buildings, trees, etc.
- Final lighting unit positions shall be agreed onsite with the overseeing organisation.
- Lighting unit foundations shall be designed in accordance with the manufacturer datasheet's for the columns and soil types present.
- Lighting columns shall be located to the rear of the footpath or verge, unless stated otherwise. If this is not possible the minimum setback distance for any lighting column to be erected from the kerb face shall be 800mm.
- Before construction commences, the site engineer shall ensure that all setting out information is mutually compatible with all the drawings and documents provided by the designers.
- Lighting unit positions indicated upon this drawing may change without prior or additional notice due to local site or environmental constraints subject to designers approval.

STATUTORY SERVICE NOTES

- Current statutory service record plans should be obtained by the contractor / overseeing organisation before the commencement of any street lighting installation or removal works.
- All services are to be located and identified prior to installing or removing any lighting columns.
- Installation and Removal works should be carried out in accordance with Energy Network Association Technical Specification 43-8, Electricity at Work Regulations 1989, Construction Design and Management (CDM) 2015 & G39/1 and all other relevant Health and Safety Executive regulations.
- All works in the vicinity of any overhead cables shall conform to the requirements of Health and Safety Executive, Guidance Note GS6 "Avoidance of danger from overhead power lines"
- All works in the vicinity of underground mains or cables shall conform to the requirements of Health and Safety Executive, Health and Safety Guidance HGS47 "Avoiding danger from underground services" and any additional requirements specified by the relevant undertaker.
- The contractor will be responsible for liaison with the undertakers and for programming the agreed protection and / or diversion works to any statutory undertakers apparatus into the overall works programme

Qty
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Proposed galvanised tubular steel lighting column of 6.0 metre nominal height with a planted base as supplied by Mallatite, CU Phosco, Fabrikat or equivalent specification.

Luminaire Type: Proelectric Solar
Luminaire Reference: RS10-T2/10W/4000K
Mounting Type: Post top mounted
Solar panel must be south facing

Luminaire Tilt: 22°
Lumen Output: 1.78 km
Luminaire Wattage: 10 w
Colour Temperature: Neutral White (4000k)
Luminous Intensity: None
Control Type: Solar panel controls on/off times
Supply: None required



Proposed S38 street lighting column.
Refer to 'SHD690-SHD-HLG-BENN-DR-EO-Lighting Layout-R2' for technical details.

UNIT IDENTIFICATION KEY:

PR** Proposed private solar lighting column identification number

ISOLUX CONTOUR KEY:

- 0.20 Isolux contour line
- 0.60 Isolux contour line
- 1.00 Isolux contour line
- 2.00 Isolux contour line



PROELECTRIC SOLAR LUMINAIRE
(MODEL MAY VARY FROM IMAGE ABOVE)

APPROVED

R2	ADDED PR24 & PR25	21/07/2023	SRH
R1	NEW DEVELOPMENT LAYOUT RECEIVED 11/04/2023	14/04/2023	SRH
R0	INITIAL DESIGN FOR REVIEW AND COMMENT	07/12/2022	SRH
REV	DESCRIPTION	DATE	BY

SHD

info@shdlighting.co.uk 07834 490 192 www.shdlighting.co.uk

SCHEME:	OFF BENNETT STREET, GORTON		
DRAWING:	SOLAR LIGHTING DESIGN		
CLIENT:	KELLEN HOMES		
DRAWING NUMBER:	SHD690-SHD-HLG-BENN-DR-EO-Lighting Layout-R2	DRAWN:	SRH
	SHEET 1 OF 2	CHECKED:	SRH
CONTRACT NUMBER:	SHD692	APPROVED:	SRH
	DATE: 07/12/2022	SCALE @ A1	1:500
CONSTRUCTION ISSUE			R2



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Maple Industrial Estate

0 1:500 25 metres

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