

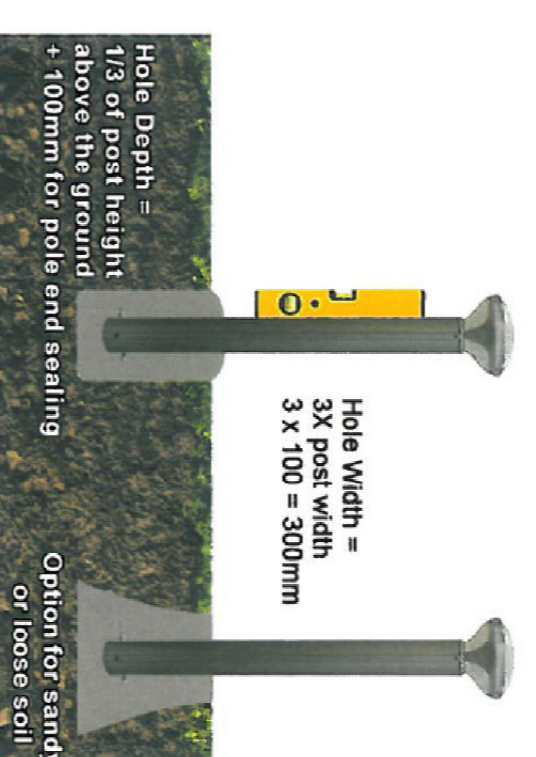
Number KEY

- 9 Proposed new 1m root mounted Prolectric Solar Bollard SR Series LED.
- Existing Tree (Approximate size and location).
- Existing High Voltage (HV) Cable. This information has been obtained from UK Power Networks and is indicative only.
- Existing Low Voltage (LV) Cable. This information has been obtained from UK Power Networks and is indicative only.

[1] Refer to the lighting design schedule for detailed apparatus specification and individual design settings.
[2] Refer to Prolectric Installation Guide for details of installation.

PROLECTRIC SOLAR BOLLARD SR SERIES LED CHARACTERISTICS			
	DRIVER	WATTAGE	SETTINGS
A	9	150mA / 4.8W	SBL120SW-SR

PROLECTRIC SOLAR BOLLARD SR SERIES LED



NOTE: A larger concrete foundation may be required for very poor (sandy) soil.

Pole Length	Hole Depth	Insert Pole	Hole Diameter
1140mm 45'	400mm 16"	300mm 12"	300mm 12"
2840mm 112'	600mm 25"	500mm 20"	300mm 12"
3640mm 143'	900mm 36"	800mm 31"	300mm 12"



SPECIFICATIONS	ST	SR
Standard Colour	White	White
Housing	Polycarbonate 257mm Diameter IP66 when installed to pole	Polycarbonate 454mm Diameter IP66 when installed to pole Net Weight 3Kg ± Reflector
LED	Nichia Initial lm/vv 150	Nichia Initial lm/vv 150
System Power	3.2VDC	3.2VDC
Temperature Range	-30° to 60°	-30° to 60°
Design Life	10 years expected	10 years expected
Maintenance	Nil (using correct model/location)	Nil (using correct model/location)
Warranty	5 years	5 years
Pole	Anodised Aluminium 6106	Anodised Aluminium 6106
Security Bolts	Tox Pin Button Head	Tox Pin Button Head
Assembly	Simple	Simple
Documents	Warranty and Installation	Warranty and Installation

SOLAR MODULE		BATTERY	
Brand	Own	Brand	Own
Watt	4.8W mono	Type	Lithium LiFePO4
Features	Tempered Glass	Cycles	5500 expected min.
Design Life	10+ years	Design Life	10+ years

RESIDUAL DESIGN HAZARDS

The following information has been collected from pre-construction information a schedule in the 1. Low voltage underground electricity cables (Refer to Utility service drawings). 2. Existing trees (Refer to Arborescence drawings). 3. PROPOSED CHANGES TO EXISTING ROAD ANY/UTL UTILITY SERVICE PROVIDED BY UK POWER NETWORKS. 4. PROPOSED CHANGES TO EXISTING ROAD ANY/UTL UTILITY SERVICE PROVIDED BY UK POWER NETWORKS.

EXISTING TREE LOCATIONS

These to be maintained to provide good light exposure for the solar panels. See the utility service drawings for the location of existing trees. The lighting design shall not be completed by any tree canopy.

AECON Environmental and Community Services

Studio House
4 Bedford Park
Croydon CR9 2AP
www.aecon.com

Tel: +44(0) 8930 2950
Fax: +44(0) 20 8663 6723
www.aecon.com

Drawing Number: 60509978/12773/01

Pathway Lighting (UK) Ltd
Survey - Design - Installation - Testing
www.pathwaylightinguk.com

DRAFT BOLLARD LIGHTING SCHEME

Project title: Station Approach, Chesfield

Drawn: AB	Checked: PH	Approved: JH	Date: 11/07/17
Scale @ A1: 1:1	Scale @ A2: 1:1	Scale @ A3: 1:1	Scale @ A4: 1:1
File: P.LL.2017_054	Scale @ A1: 1:250	Scale @ A2: 1:500	Scale @ A3: 1:1000

REVISIONS

Issue	No.	By	Date	Scale
Initial Issue		AB/JH	24.6.17	R0
Revision Details				

Client: MR. MOORE

Project title: Station Approach, Chesfield

Drawing title: DRAFT BOLLARD LIGHTING SCHEME

Revision Number: 00

Scale: A1, A2, A3, A4

Date: 11/07/17