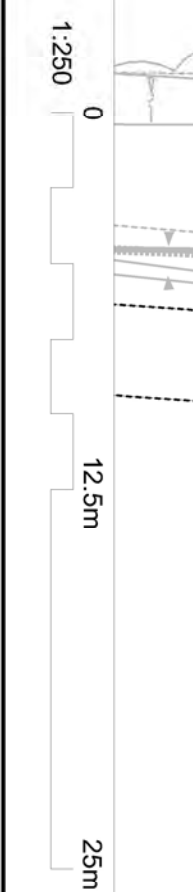


STATUS	REV	AMENDMENT DESCRIPTION	DATE	CAD CHKD	APPD
S3	P01	FOR REVIEW AND COMMENTS	11.06.2026	FW	AE

PRELIMINARY DESIGN
LOCATIONS TO BE CHECKED AGAINST STATUS PRIOR
TO INSTALLATION.



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDOUS RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS.

CONSTRUCTION:

- NO PROPOSED / EXISTING UTILITY STATUS RECEIVED AT DESIGN STAGE AND THE LIGHTING DESIGN MUST BE REASSESSED BY A QUALIFIED AND COMPETENT PERSON ONCE COMPLETION OF THE PROPOSED UTILITY LOCATIONS HAVE BEEN CONFIRMED.

HAZ #

HAZ #

HAZ #

MAINTENANCE/CLEANING:

- AS PER CONSTRUCTION.

USE:

- AS PER CONSTRUCTION.

DECOMMISSIONING/DEMOLITION:

- AS PER CONSTRUCTION.

THE CONTRACTOR IS TO GATHER A LIST OF ALL UNDERGROUND NETWORKS PRIOR TO ANY DIGGING. THE CONTRACTOR IS TO MAINTAIN CABLE NETWORKS OF ALL EQUIPMENT THAT IS NOT PART OF THE WORKS BUT MAY BE FED FROM EQUIPMENT ASSOCIATED WITH THE WORKS.

- NOTES
1. THIS IS AN AUTOCAD DRAWING AND SHOULD NOT BE AMENDED BY HAND.

2. THE EXISTING LOCATIONS ARE APPROXIMATE AND THEIR ACCURACY CANNOT BE GUARANTEED.

3. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.

4. THIS DRAWING MUST NOT BE SCALED.

5. DRAWINGS ARE TO BE PRINTED IN COLOUR.

6. DRAWING TO BE READ IN CONJUNCTION WITH OTHER DESIGN DOCUMENTS.

6.1 4775-DFL-HLG-XX-CA-EO-13001 [LIGHTING CALCULATION]

6.2 4775-DFL-HLG-XX-RA-EO-13001 [RISK ASSESSMENT]

6.3 4775-DFL-HLG-XX-RP-EO-13001 [DESIGN REPORT]

7. BOLLARDS LOCATIONS TO BE CHECKED AGAINST UTILITY DRAWINGS FOR CONFLICTS BY A COMPETENT ENGINEER.

8. CONTRACTOR SHOULD SATISFY THEMSELVES THAT ANY UTILITY DRAWINGS AFFECTING THE SCHEME ARE ACCURATE AND UP TO DATE PRIOR TO COMMENCEMENT.

9. BOLLARD NUMBERING SHOWN IS FOR REFERENCE PURPOSES ONLY. FINAL NUMBERING SHOULD BE AGREED WITH ASSET OWNER PRIOR TO CONSTRUCTION.

10. BOLLARD ROOT PROTECTION SHOULD BE AS PER MANUFACTURERS RECOMMENDATIONS FOR THE SOIL CONDITIONS.

11. COLOUR OF BOLLARDS TO BE CONFIRMED AT TIME OF ORDER.

12. SOLAR COVER CALCULATION BASED ON WORST CASE SOLAR GAIN FOR ASHINGTON, WEST SUSSEX E.G. SHORTEST DAY IN DECEMBER WITH LUMINAIRE PROVIDING 16-HOUR OPERATION, 16:00 UNTIL 08:00.

13. LUMINA: RE- DIMMING AND MOVEMENT DETECTION REGIME AS FOLLOWS:

13.1. 16:00 - 22:00 ON AT 20% OUTPUT 12.0M WITH DETECTION. PIR DIMMING TO OFF AFTER 30 SECONDS OF NON-DETECTION.

13.2. 22:00 - 06:00 ON AT 20% OUTPUT 12.0M WITH DETECTION. PIR DIMMING TO OFF AFTER 30 SECONDS OF NON-DETECTION.

13.3. 06:00 - 08:00 ON AT 20% OUTPUT 12.0M WITH DETECTION. PIR DIMMING TO OFF AFTER 30 SECONDS OF NON-DETECTION

14. ASSUMED 55% DORMANCY 16:00 - 22:00 & 06:00 - 08:00

15. ASSUMED 55% DORMANCY 22:00 - 06:00

16. CALCULATION ASSUMES SOLAR PANELS ARE NOT SHADOWED BY BUILDINGS, FENCES OR TREES AND HAVE CLEAR SOUTH FACING ASPECT DURING THE DAY.

17. CALCULATION IS BASED ON 5 YEARS OF HISTORICAL WEATHER DATA. FUTURE PERFORMANCE CANNOT BE GUARANTEED.

KEY: QTY SYMBOL DESCRIPTION

8 PROPOSED DW WINDSOR SIERRA SOLAR BOLLARD, BLEED, ASYMMETRIC OPTIC, 2700K, 0.91mm, 10W - OR SIMILAR APPROVED.

DESIGNED BY: AL

DATE: JUN 2026

DESIGNED BY: FW

DATE: 1 of 1

DESIGNED BY: AE

DATE: 1:250

DESIGNED BY: AE

DATE: A1

PROJECT: ASHINGTON

PROJECT: LIGHTING LAYOUT

CLIENT: DFL-UK (Designs for Lighting Ltd)
17/18 City Business Centre
Winchester, Hampshire, SO23 7TA
Tel: 01962 855080
Email: info@dfh-uk.com

JOB NUMBER: 4775

STATUS: S3

REVISION: P01