

Appendix 8 - CDM HAZARD/RISK IDENTIFICATION SHEET

Project Description	Coed Darcy, Llandarcy – Street Lighting	Project Ref No	GC/3504	Stage	Detailed Design
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Date of Latest Update	2/12/2019	Prepared by	Mark Bray	Checked by	Lee Selway
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Location of other information provided in accordance with Regulation 9(4)	GC3504-CAP-79-XX-DR-E-1301
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	FORSEEABLE HAZARD/RISK IDENTIFIED [That has potential to cause harm to those constructing, repairing / maintaining, cleaning, demolishing or using the structure]	HAZARD/RISK APPLIES DURING tick one or more of the following:					COMMENTS: Provide; - the actions taken by the designer to eliminate risk, - the reasons why remaining risks cannot be eliminated, - an explanation of the reduction and controls necessary and the significance of the residual risk; - any special instructions (e.g. to include any pre-construction information)	Residual Risk still present? YES / NO
		Construction	Maintenance	Cleaning	In Use	Demolition		
1	Contact with overhead power cables	✓	✓	✓		✓	No O/H power cables in vicinity of proposed lighting columns.	No
2	Contact with underground services/power cables	✓	✓	✓		✓	Contractor to undertake own investigations to verify location and employ hand digging to locate and expose buried cables in accordance with HSE guidance note HSG47.	Yes – low risk
3	Exposure to live contacts in columns.	✓	✓	✓		✓	Works to be undertaken by a competent electrical contractor. Double pole cut-outs specified for safe isolation.	Yes – low risk
4	Maintenance access to lighting units and control switchgear.		✓	✓			Hinged columns considered to avoid working at height, however, this is economically unfeasible with vehicular access available to all columns for maintenance. Low maintenance LED light source specified.	Yes – low risk

5	Location of columns (collision)				✓		Columns generally located at back of footway. Min 0.8m setback specified in verge and shared spaces.	Yes – low risk
6	Location of columns in footway (obstruction)				✓		Columns generally located at back of footway or in verge.	No
7	Disposal of hazardous materials (sodium/mercury lamps)					✓	Proposed luminaires are LED with no hazardous materials. Legal requirement for contractor to comply with WEEE Directive in recycling and disposal of discharge lamps containing hazardous materials. Works to be undertaken by competent street lighting contractor with waste disposal and recycling procedures in place.	No
8	Asbestos in street lighting lanterns, columns, feeder pillars boxes and cut-outs.					✓	Some existing components within street lighting equipment may contain asbestos and/or PCBs and must be handled under current H&S and environmental regulations. Contractor to provide method statement.	N/A
9	Vandalism of equipment				✓		Anti-vandal locks on proposed columns.	No
10	Removal of existing lighting units.					✓	Contractor to test cables and identify point of isolation before removal. Where possible install new lighting system prior to removal of existing or provide temporary lighting.	N/A

NOTE: those residual risks that are not likely to be apparent to a competent contractor / cleaner / maintainer / user / demolisher of the structure must be forwarded to the Principal Designer for inclusion in the pre-construction information.