



Designers Risk Assessment

PROJECT:	Spitfire Road, Calne			PREPARED BY:	Tom Broome
PROJECT No.:	1775	Doc No:	1775-LB-XX-XX-SH-E-7080-01	REVIEWED BY:	Bonnie Bee

NOTES

1. This Risk Assessment relates to lighting engineering services only.
2. This Risk Assessment relates to specific risks identified, which a suitably qualified and experienced Street Lighting Contractor holding a "HERS" Certificate would be familiar with and should therefore be used for installation, maintenance, and commissioning.
3. This Risk Assessment relates to exceptional items only and not the normal risks associated with any construction project.
4. This Risk Assessment has been prepared at the Planning Application stage of the project, and should be reviewed and updated at the Detailed/Technical Design stage.
5. This Risk Assessment relates to specific risks identified, which a suitably qualified and experienced Electrical Contractor would be familiar with and should therefore be used for installation, maintenance, and commissioning.

DETAILS OF ANY SPECIFIC/ UNUSUAL SITE CONSTRAINTS: *The site is ecologically sensitive with designated dark corridors around the northern, eastern and southern boundaries.*

HAZARD No.:	DATE RAISED	ACTIVITY	HAZARD	PERSONS AT RISK	RISK REDUCTION PROPOSAL	ACTION REQ'D BY	RESIDUAL HAZARD
1	17.11.25	Installation of cabling and lamp posts.	Overhead cabling.	Installation Operatives.	Full details to be obtained at the detailed/ technical design stage of the locations of any HV/ LV overhead cabling. If applicable cables to be redirected below ground prior to	Contractor/ Sub-Contractors.	Hazards remain, likelihood reduced.



HAZARD No.:	DATE RAISED	ACTIVITY	HAZARD	PERSONS AT RISK	RISK REDUCTION PROPOSAL	ACTION REQ'D BY	RESIDUAL HAZARD
					commencement of construction, or proximity zones to be confirmed and adhered to. Full details of any relocations to be obtained. RAMS to be provided. Refer to G39 / ENA TS-43-8.		
2	17.11.25	Installation of cabling and lamp posts.	Contaminated ground.	Installation Operatives, General Public, Construction Team.	The Contractor shall undertake testing and inspection prior to work being undertaken.	Contractor.	Risk remains, management measures will reduce likelihood.
3	17.11.25	Electrical wiring installation within electrical distribution network.	Risk of electrocution, risk of burns, fire risk.	Installation/ Maintenance Operatives.	The works shall be undertaken in accordance with the procedures detailed in Health & Safety at Work Act. The Electrical Contractor shall prepare a full method statement for the work presented and fully agreed with the Clients representative prior to commencing the works.	Contractor.	Some minimal residual hazard will remain as the original hazard.



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4	17.11.25	Electrical wiring and installation	Risk of electrocution, risk of burns, fire risk.	Installation/ Maintenance Operatives.	The works shall be undertaken in accordance with the procedures detailed in Health & Safety at Work Act. The Electrical Contractor shall prepare a full method statement for the work presented and fully agreed with the Clients representative prior to commencing the works.	Contractor.	Some minimal residual hazard will remain as the original hazard.
5	17.11.25	Manual handling of the equipment.	Risk of injury to personnel.	Installation Operatives.	The Contractor shall provide method statements identifying safe systems of works and methods of manual handling.	Contractor.	Hazard remains, likelihood reduced.
6	17.11.25	Installation at heights	Risk of falls from height and dropping materials from height.	Installation Operatives, General Public, Occupants & Visitors.	All works to be undertaken by access equipment operated by trained personnel, Working area to be cordoned off, no materials stored on the working platform with only materials being installed allowed on the platform.	Contractor/ Sub-Contractors.	Risk remains, management measures will reduce likelihood.



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7	17.11.25	Installation of cabling and lamp posts.	Unidentified below ground services.	Installation Operatives.	Appoint a suitably qualified operative to undertake a Ground Penetrating Radar Survey to identify any below ground services. Provide RAMS, undertake works in accordance with the Health & Safety at Work Act.	Contractor/ Sub-Contractors.	Hazards remain reduced likelihood.
8	17.11.25	Fixing of equipment to building.	Installations may affect the structural integrity of the building.	Installation Operatives/ Occupants.	Ensure no holes are formed, no chases are drilled and no damage is done to affect the structural integrity of the building without prior written agreement from the project Structural Engineer.	Contractor.	Some minimal residual hazard will remain as the original hazard.
9	17.11.25	Working near highways or areas with traffic for installation and maintenance purposes.	Vehicular and pedestrian traffic.	Installation/ Maintenance Operatives, General Public.	All Staff should be suitably qualified to undertake the works. Columns should be installed with doors orientated such that an operative working in the base compartment faces oncoming traffic. Appropriate traffic management must be	Contractor.	Hazards remain reduced likelihood.



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					used for any works on columns. All fixed columns should be in locations which can be reasonable accessed by a suitable Mobile Elevating Work Platform (MEWP). Columns on footpaths should be raise and lower type column. Provide RAMS, undertake works in accordance with the Health & Safety at Work Act.		
10	17.11.25	Dark areas due to screening from proposed trees on site.	Slips, trips, falls, vehicular collisions.	General Public.	Review required at detailed design stage to ensure trees and street lighting positions are coordinated to avoid proposed luminaires being screened or blocked. Ongoing maintenance to be provided to trim trees if required.	Client.	Same hazards remain reduced likelihood.
11	17.11.25	Reduced private lighting levels, below British Standard recommendations -	Slips, trips, falls, vehicular collisions.	General Public, Site Residents, Site Manager	Client will undertake Risk Assessment to ensure level of lighting provided is adequate for the site, and determine any additional	Client.	Same hazards remain reduced likelihood.



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		Lighting for wayfinding only. As agreed with the Client.			measures required to reduce associated hazards.		
12	17.11.25	Reduced street lighting levels within turning head, due to ecological requirements.	Slips, trips, falls, vehicular collisions.	General Public.	No further action proposed.	N/A	Same hazards remain reduced likelihood.
13	17.11.25	For street lighting - Loss of power and lighting.	Slips, trips, falls, vehicular collisions.	General Public.	Lighting to be served by multiple circuits. Separate local fuse cut-out.	Contractor.	Hazards remain reduced likelihood.
14	17.11.25	For private external lighting - Loss of power and lighting.	Slips, trips, falls, vehicular collisions.	General Public, Site Residents, Site Manager.	Lighting to be served by multiple circuits. Emergency lighting to be provided at the detailed design stage, in accordance with the Fire Risk Assessment for the site.	Contractor.	Hazards remain reduced likelihood.
15	17.11.25	Installation of lighting columns.	Vehicular collisions with lighting columns.	General Public.	A Passive Safety Assessment has not been conducted at this stage. Liaison required with the council at the detailed design stage to check if passive safe equipment, or an assessment, is required.	Client.	Same hazards remain reduced likelihood.



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16	17.11.25	Light Intrusion into bedroom windows.	Potential nuisance.	Occupants.	Luminaires have been positioned to avoid locations directly in front of windows where possible.	N/A.	Hazards remain reduced likelihood.