



Designers Risk Assessment

PROJECT:	The Rise, Broxton	PREPARED BY:	Tom Broome
PROJECT No.:	1163	REVIEWED BY:	Bonnie Brooks

NOTES

1. This Risk Assessment relates to lighting engineering services only.
2. This Risk Assessment relates to exceptional items only and not the normal risks associated with any construction project.
3. 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.
4. 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: *NA*

HAZARD No.:	DATE RAISED	ACTIVITY	HAZARD	PERSONS AT RISK	RISK REDUCTION PROPOSAL	ACTION REQ'D BY	RESIDUAL HAZARD
1	31.08.23	Installation of cabling and bollard luminaires.	Contaminated ground.	Installation operatives, the general public, construction team	The Contractor shall undertake testing and inspection prior to work being undertaken.	Contractor	Risk remains, management measures will reduce likelihood.
2	31.08.23	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	Contractor	Some minimal residual hazard will remain as the original hazard.



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					a full method statement for the work presented and fully agreed with the Clients representative prior to commencing the works.		
3	31.08.23	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.
4	31.08.23	Installation at heights	Risk of falls from height and dropping materials from height.	Installation operatives, 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-con.	Risk remains, management measures will reduce likelihood.
5	31.08.23	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	Contractor	Some minimal residual hazard will remain as the original hazard.



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					the project Structural Engineer.		
6	31.08.23	Dark areas due to screening from existing trees on site	Slips, trips, falls, vehicular collisions	General Public	Existing trees to be removed or trimmed so that proposed luminaires are not screened or blocked. Ongoing maintenance to be provided to trim trees.	Client	Same hazards remain reduced likelihood.
7	31.08.23	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.
8	31.08.23	Reduced lighting levels, below British Standard recommendations - Lighting for wayfinding only. As agreed with the Client.	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 measures required to reduce associated hazards	Client	Same hazards remain reduced likelihood.



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9	31.08.23	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.
10	31.08.23	Installation of Lighting bollards	Vehicular collisions with lighting bollards	General Public	<p>Bollards to be located with a set back behind a full heigh kerb or other de-marking feature between vehicle and footpath areas to limit potential for damage as far as possible.</p> <p>Bollards to be reviewed by management company on a regular basics to check for any damage and to ensure they are in full working order.</p>	Client	Same hazards remain reduced likelihood.