MMA Lighting Consultancy Ltd

Risk Management Form

Street Lighting Department

Project Title: MMA19394 - Langdale Mews - Private Lighting - Risk Assessment - R0

Project Number: MMA19394

Client: P4B Architecture

Date of Risk Assessment Review: 16/05/2025

Works Stage:	SITE SURVEY	**Description of Risk:**	Injury from live parts in lighting column, Risk associated with live traffic, Lone working in potentially dangerous conditions
Risk Level:	Med/High		
Consequences and hazards of risk		**Description:**	Risk of injury to yourself and the general public
Potential Impacts on other risks occurring		**Description:**	Risk of injury to the general public, delay to the design process and installation
Actions/incidents which may trigger a risk		**Description:**	Unsafe working, Inappropriate/Damaged Equipment, Not using PPE, Operative not suitably trained
Actions taken to avoid risks and or incidents		**Description:**	See actions below
Risk Assessment Officer:	Ben Tavill	**Date:**	16/05/2025

Risk Description:	Risk of Electric Shock	**Risk Description:**	Live Traffic	**Risk Description:**	Lone Working	**Risk Description:**	
Risk Level:	Med/High	**Risk Level:**	High	**Risk Level:**	High	**Risk Level:**	
Actions arising:-		**Actions arising:-**		**Actions arising:-**		**Actions arising:-**	
Wear correct PPE and ensure all equipment is checked and not damaged in anyway. **Any damaged PPE or test equipment or hand tools shall be replaced immediately and the damaged PPE disposed of using the correct procedures.** **Ensure staff are appropriately trained.** **Always ensure operatives are working in the safe zone.**		**Wear correct personal protective equipment. (Class III as a minimum requirement).** **Ensure where possible operatives walk towards on coming traffic on verge (if possible).**		**Complete lone working forms, Follow procedures for notification of staff and management when visiting site alone.**			
Date:	16/05/2025	**Date:**	16/05/2025	**Date:**	16/05/2025	**Date:**	
Assessment Review (Signature)	[redacted]			**Name:**	Ben Tavill	**Date:**	16/05/2025

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Date of Risk Assessment Review: 16/05/2025

Works Stage:	DESIGN	**Description of Risk:**	Lighting design does not comply with current BS5489-1:2020, Risk of injury if design does not comply, Maintenance issues with design eliminated
Risk Level:	Medium		
Consequences and hazards of risk		**Description:**	Risk of injury to contractor, street lighting engineers and the general public
Potential Impacts on other risks occurring		**Description:**	Lighting design is incorrect or does not comply, Risk of delaying scheme if design is un-buildable or not maintainable by contractor
Actions/incidents which may trigger a risk		**Description:**	Lighting designer does not design out risk elements such as lighting columns near overhead power cables or in close proximity to refuge islands or other traffic calming measures
Actions taken to avoid risks and or incidents		**Description:**	See actions below
Risk Assessment Officer:	Ben Tavill	**Date:**	16/05/2025

Risk Description:	Design does not conform to BS5489-1:2020	**Risk Description:**	Injury risk if not compliant	**Risk Description:**	Maintenance issues considered	**Risk Description:**	Underground Services
Risk Level:	Medium	**Risk Level:**	Med/High	**Risk Level:**	Medium	**Risk Level:**	High
Actions arising:-		**Actions arising:-**		**Actions arising:-**		**Actions arising:-**	
Always use appropriately trained design staff. Always use CDM Trained staff. Ensure staff are competent.		Wear correct personal protective equipment. (Class III as a minimum requirement). Ensure where possible operatives walk towards on coming traffic on verge (if possible).		Pay attention on site for potential risks and design them out. Ensure designs are checked by an appropriately qualified person. Check site against design plan prior to commencement of installation.		No utility information for Electricity, Gas and Water have been provided. As such the street lighting design should not be built until full information has been provided and the proposed lamp column positions checked against the stats details to ensure no conflict or danger to lives.	
Date:	16/05/2025	**Date:**	16/05/2025	**Date:**	16/05/2025	**Date:**	16/05/2025

Risk Description:	Equipment Coordinates	**Risk Description:**	Damage to lighting columns	**Risk Description:**	Light Spill	**Risk Description:**	
Risk Level:	Medium	**Risk Level:**	High	**Risk Level:**	Med/High	**Risk Level:**	
Actions arising:-		**Actions arising:-**		**Actions arising:-**		**Actions arising:-**	
The provided site layout does not allow for a 6 digit coordinate to be provided within the equipment schedule. Therefore, the shown figures directly correlate to the layout drawing.		Each proposed road lighting column will require a protective wraparound barrier to be installed to protect against damage from vehicles.		Integral rear shields are proposed to all lanterns to reduce backward light spill.			
Date:	16/05/2025	**Date:**	16/05/2025	**Date:**	16/05/2025	**Date:**	

Assessment Review (Signature)	[redacted]	**Name:**	**Ben Tavill**	**Date:** 16/05/2025

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Client:	**P4B Architecture**
Date of Risk Assessment Review:	**16/05/2025**

Works Stage:	**SITE INSTALLATION**	**Description of Risk:**	**Risk of shock to contractor, Risk of injury from live traffic in carriageway, Delay in project, Cost implication if project is delayed on site installation**
Risk Level:	**High**		
Consequences and hazards of risk		**Description:**	**Risk of injury to contractor and the general public, Incorrect procedures on site could potentially delay the project completion resulting in default charges/payments**
Potential Impacts on other risks occurring		**Description:**	**Delay of the installation, Cost implications associated with project delay, Potential bad publicity if project is not successful**
Actions/incidents which may trigger a risk		**Description:**	**Unsafe working, Inappropriate/Damaged Equipment, Not using PPE, Operative not suitably trained**
Actions taken to avoid risks and or incidents		**Description:**	**See actions below**
Risk Assessment Officer:	**Ben Tavill**	**Date:**	**16/05/2025**

Risk Description:	**Risk of Electric Shock**	**Risk Description:**	**Risk of Injury**	**Risk Description:**	**Delay to Project**	**Risk Description:**	**Client Duties**
Risk Level:	**Medium**	**Risk Level:**	**Med/High**	**Risk Level:**	**Medium**	**Risk Level:**	**High**
Actions arising:-		**Actions arising:-**		**Actions arising:-**		**Actions arising:-**	
Wear correct PPE and ensure all equipment is checked and not damaged in anyway. **Any damaged PPE or test equipment or hand tools shall be replaced immediately and the damaged PPE disposed of using the correct procedures.** **Ensure staff are appropriately trained, Always ensure operatives are working in the safe zone**		**Wear correct personal protective equipment. (Class III as a minimum requirement).** **Ensure where possible operatives walk towards on coming traffic on verge (if possible).**		**Ensure the project is correctly managed on the ground and from the office with an agreed realistic programme**		**The 'Client' under CDM 2015 has a duty to ensure that they have commissioned a competent 'Contractor' and as such should carry out all necessary checks PRIOR to work commencing to ensure items such as Risk Assessments and Method Statements are in place.**	
Date:	**16/05/2025**	**Date:**	**16/05/2025**	**Date:**	**16/05/2025**	**Date:**	**16/05/2025**

Risk Description:	**Existing Services**	**Risk Description:**	**Electrical Contractor**	**Risk Description:**	**Underground Services**	**Risk Description:**	
Risk Level:	**High**	**Risk Level:**	**High**	**Risk Level:**	**High**	**Risk Level:**	
Actions arising:-		**Actions arising:-**		**Actions arising:-**		**Actions arising:-**	
Care should be taken on site to hand dig all installation trenches/column holes. **Site should be surveyed with CAT/GENNY prior to excavation.** **In general, installation works shall be carried out in accordance with the relevant standards including BS7671, GS6, HSG47 and G39/1**		**Street lighting works shall be carried out by a competent contractor who shall be registered under HERS (Highway Electrical Registration Scheme) and that their operatives are suitably qualified under the National Highway Sector Scheme 8. The Lighting Authority shall request proof of accreditation and authorisation of any subcontractor to perform such duties. The Lighting Authority reserves the right to request a resubmission of any Test Certificates.**		**Correct/up to date stats should be obtained by the contractor / developer, and all services are to be located and identified prior to installing any lighting columns.**		
Date:	**16/05/2025**	**Date:**	**16/05/2025**	**Date:**	**16/05/2025**	**Date:**	

Assessment Review (Signature)	[redacted]	**Name:**	**Ben Tavill**	**Date:** **16/05/2025**