

Construction (Design & Management) Regulations 2015

Residual Risk Assessment Form

Project: Play Zone Pilots, Ladybarn Park (RIBA Stage 3/4)	Name of Assessor: Tim Lambert
Project No: 13034	Date: 09/10/2019

Area of Risk	Activity	Hazards Identified	Outcome	Probability	Action Required	Comments	Signature
Site - The area within the red line boundary of the proposed site plan and the area directly outside of this red line boundary	Public safety site setup and enabling works/demolition works to existing site and buildings	Areas adjacent to site still in use / accessible during demolition phase	2	D	Clear boundaries and site access to be identified / controlled by Contractor	Contractor to develop and employ an acceptable strategy and method statement	Main Contractor
Site - The area within the red line boundary of the proposed site plan and the area directly outside of this red line boundary	Public safety during construction phase. Unauthorised entry to site	Possible injury to public using adjacent areas of site	2	C	Clear boundaries and site access to be identified / controlled by Contractor	Contractor to develop and employ an acceptable strategy and method statement	Main Contractor
Pitch, Fencing & Equipment	Delivery / erection of large construction elements (eg. steel frame)	Injury to persons or damage to property during delivery / erection	2	D	Assess adequacy of site access and space to accommodate delivery vehicles and lifting equipment	Contractor to ensure use of correct plant for delivery / handling and erection. Contractor to develop method statement	Main Contractor
Site (within red line boundary)	Heavy construction components	Risk of injury through inappropriate handling & transportation	2	C	Avoid specifying heavy materials or materials difficult to handle/ install as far as practicable	Review with Contractor as design develops	Main Contractor
Pitch, Fencing & Equipment	Epoxy (hazardous) materials	Inhalation of toxic fumes during application	2 / 3	D	Ensure safe working practices are followed. Consider temporary mechanical ventilation if materials are to be used in confined spaces. Limit use of materials where practicable.	Contractor to develop risk assessment and follow safe working practices	Main Contractor
Pitch, Fencing & Equipment	Access to high level elements during construction/erection	Working at height / risk of falling	2	C	Develop safe access routes to tall elements requiring regular maintenance. Ensure	Existing cleaning / maintenance access strategy to be reviewed and updated (if required) by Manchester City Council in	Client / Design Team / Main Contractor

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					provision of adequate and suitable hard standing to accommodate elevating platform / MEWP. Provide suitable perimeter safety barrier/ guarding system	line with their own standards and guidelines	
Pitch, Fencing & Equipment	Inspection / maintenance of high level elements	Falling from height	2	C	Develop safe access routes to tall elements requiring regular maintenance. Ensure provision of adequate and suitable hard standing to accommodate elevating platform / MEWP. Provide suitable perimeter safety barrier/ guarding system	Existing cleaning / maintenance access strategy to be reviewed and updated (if required) by Manchester City Council in line with their own standards and guidelines	Client / Design Team
Pitch, Fencing & Equipment	Servicing of high level fittings within facility	Falling from height. Falling objects	2	D	Avoid locating serviceable fittings in difficult to reach spaces or voids. Consider access for scissor lift / MEWP. M&E engineer to provide details of hazard identification of proposed services/fittings	Liaise with M&E Eng to co-ordinate location of high level fittings	Client / Design Team
Site (within red line boundary)	Access for ambulance, fire engine and other emergency service vehicles and employees.	Injury to persons or damage to property during access / servicing.	2 / 3	D	Develop safe service access routes and propose comprehensive signage design. External works design to incorporate adequate. Provide appropriate access/hard standing to perimeter of building and to access/escape points.	Existing emergency strategy to be reviewed and updated (if required) by Manchester City Council in line with their own standards and guidelines	Client
Pitch, Fencing & Equipment	Completed pitch, fencing and equipment does not comply with relevant	Risk of injury to public through intended usage of pitch, fencing or equipment	2 / 3	C / D	List of all relevant standards and design expectations to be provided by Client at tender	Main Contractor to ensure all Contractor's Proposals meet all relevant British Standards, Guidance and Codes of Practice/standards	Main Contractor

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	British Standards, Guidance and Codes of Practice/standards						
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Worst Case Outcome	Probability/Likelihood	
1. Fatal	A. Likely/Frequent	Occurs Repeated/Event only to be expected
2. Major Injury/Permanent Disability or Ill Health	B. Probable	Not Surprised will occur several times.
3. Minor Injury	C. Possible	Could occur sometime
4. Unlikely to Cause Harm	D. Remote	Unlikely, though conceivable
	E. Improbable	So unlikely that probability is close to zero