McLaren

PROJECT RISK ASSESSMENT					
CONTRACT NAME AND NO: MN1897 Upper Brook Street			**DATE: 23/06/2025**		
This Risk Assessment (RA) is to be developed by the project leader prior to commencement in line with the site-specific requirements. The RA is to be reviewed monthly by the project leader. The relevant SHE procedures should be referred to at all times.					
DOCUMENT REVIEW					
Review Completed By	Calum Volrath	Details of the review	Initial draft produced.	Date	23/06/2025
Review Completed By		Details of the review		Date	

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Medium - Work activity resulting in loss time injury or significant material or environmental damage
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Ref	Hazard	Risk	People at Risk	Initial Risk Rating	Control Measures	Residual Risk Rating	Additional Comments
1	Services	Shock Electrocution	Site Staff Client Staff Operatives	H	All services are to be presumed to be live. If possible obtain surveys of gas, water, electricity, drainage & all underground/overhead cables MCL employees are not permitted to work on any services both overhead / underground. Work is to be completed in line with agreed RAMS & SAF024 Permit to Break Ground. Service records to be included in the above permit. Inspection of excavations to be undertaken daily in accordance with SAF024 Permit To Break Ground.	L	Supervisor to be CAT & Genny Trained. Detailed plans to be issued by permit controller
2	Forming Trenches & Excavation	Ground Collapse Fall from height	Site Staff Client Staff Operatives	M	Work is to be completed in line with agreed RAMS & Permit to Break Ground. Inspection of excavations to be undertaken daily in accordance with Permit To Break Ground. Any observation of excavation work to be from a safe distance. Trench supports approved under Temp Works to be in place. No access into excavation is permitted. Barriers to be located a min of 2m away from edge of excavation Barriers to be closed to prevent access at the end of each shift	L	
3	Site Deliveries	Struck by a moving vehicle Damage to property	Public Site Staff Client Staff Operatives	M	Trained banksman to be present during site deliveries. No delivery vehicles to be approached unless parked up. Hi-Vis to be worn at all times Dedicated unloading point to be utilised Traffic management plan to be adhered Delivery drivers to be inducted using SAF059 Delivery Drivers Induction	L	Site delivery timings are to be adhered to

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4	Fire	Burns Damage to Property	ALL	H	Emergency procedures to be followed as detailed in the site induction. Monitor fire equipment & ensure escape routes & fire equip kept clear at all times. Fire RA is to be completed and reviewed monthly SAF027 Permit for Hot Works to be completed Accumulation of rubbish is not to be permitted Weekly inspections to be recorded in SAF039 Fire Register	L	
5	Concrete & Mortar	Skin/ vision damage	Operatives	M	No MCL employees are to be directly involved with working with or in concrete. PPE detailed in COSHH Assess & MSDS to be worn at all times. Dedicated wash out point is to be in place and used for all wash out activities	L	Safety Alert No 026 to be delivery to operatives Eye wash to be available at first aid point
6	Electrical Equipment	Electrocution Burns	Operatives	H	Operational control of electrical equipment & services to be formally transferred to competent electrical contractors for both temporary & permanent systems. The competent electrical contractor shall nominate Electrical AP to manage safe system of work including permit to work, LOTO etc. No MCL staff shall act as Electrical AP under any circumstances. Contractor RAMS for electrical work shall be reviewed by authorised persons within MCL only All electrical hand tools are to be PAT every 3 months All power tools are to be inspected weekly & recorded in SAF042 Unauthorised power tools are not permitted on site. All hand power tools to be 110V All defect tools & equipment must be segregated & tagged. All cables must be in good condition & free from damage	M	Client specific requirements to be adhered to
7	Steel Erection	Hit by swinging / crushed by, falling objects Falls from height	Site Staff Client Staff Operatives	H	Exclusion zone is to be established prior to any lifting / movement of steel No entry to be permitted into exclusion zone. Under no circumstances is walking under beams / steel frame during erection Dedicated unloading and storage areas to be established and agreed prior to commencement	L	Delivery timing to be agreed with PC

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8	Scaffolding	Stability/ Collapse/ Falls from height/ Materials falling from height	Site Staff Client Staff Operatives	H	Safe access to be used when accessing scaffolding. Access stairs are to be used whenever possible. When ladder access is in use all ladders are to be correctly footed and secured using blue fibrous rope Only trained scaffolders are to alter or amend scaffolding	L	Scaffold to be either compliant of Designed in accordance with TG20:13
9	Ladders / Stepladders	Stability/ Collapse/ Falls from height/ Materials falling from height	Operatives	M	Ladders / Stepladders are not to be used unless under the control of SAF055 Permit for Ladders & Step Ladders. RAMS are to include the requirement / justification for the use of ladders / stepladders Ladders are not to be used as a working platform Ladders & stepladders must be footed at all times All ladders / stepladders to be inspected and included in the SAF042 Register of inspections	L	Podiums to be used as an alternative
10	Handling/ Installation of Metal Decking	Hit by swinging, crushed by falling objects. Personnel falling from height.	Operatives	M	No entry into the installation area is permitted unless under the guidance of the appointed contractor. Exclusion zone is to be established below the working area No handling of off-cuts by hand is to be permitted All waste to be correctly disposed of immediately	L	
11	Installation of panels	Hit / crushed by swinging by falling objects Pers falling from height Muscular-skeletal injury	Site Staff Client Staff Operatives	M	Exclusion zone to be established. No entry into the installation area is permitted unless under the guidance of the appointed contractor. RAMS to detail specific manual handling Lifting Ops are to be suitably planned by a competent person Weather / Wind conditions to be monitored	L	Work / lifting to be suspended if wind levels exceed 25mph
12	Work on Roof	Falls from height	Site Staff Client Staff Operatives	M	No access to any roof is permitted unless under control of the roof contractor in line with SAF034 Roof Access Permit. Ensure protection, ladder fixings, guardrails, man-safe restraint anchors all to be checked regularly. Netting to be installed prior to roof work commencing Materials stored at high-level are to be stored safely. End of shift inspections to be complete to ensure correct storage of all materials Weather / Wind conditions to be monitored	L	Work / lifting to be suspended if wind levels exceed 25mph

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						Rating	
13	Working in vicinity of site vehicle/plant	Struck by a moving vehicle Impact Damage to property	Site Staff Client Staff Operatives	L	Dedicated pedestrians routes are to be used at all times in line with the current TM Plan. Hi-Vis to be worn at all times All pedestrian barriers to be correctly installed Movement of pant is to be under the control of a banksman Erect warning signs and invoke speed restrictions.	L	
14	Housekeeping	Slip Trip Fall / Spread of dust /debris casing fire, health hazard.	Site Staff Client Staff Operatives	L	Housekeeping to be monitored at all times. Debris cleared from site on a regular basis, debris disposed of into skips, safe clear access to skips. All debris cleared from site on a regular basis, debris disposed of into skips, safe clear access to skips. No fires permitted on site. Materials of unknown/ hazardous nature to be disposed of by specialists, in a legal manner.	L	Project Team to implement "Take 5"
15	Incomplete blockwork/brickwork masonry	Masonry falling over & causing injury Chasing Blocks	Site Staff Client Staff Operatives	M	Ensure sequence of works avoids situations of temporary instability of structure where possible. Use temporary supports where appropriate. Use of PPE at all times. If using mechanical hoist, ensure safe protected storage platform. Ensure all current tests and certificates are valid, Safe access /protected platform/scaffolding Exclusion zone to be established signage displayed	L	
16	Lifting operations	Hit by swinging, crushed by falling objects.	Site Staff Client Staff Operatives	H	All lifting operation to be planned by a competent person Exclusion zone to be established with no entry permitted. All crane bases are to be approved in Temp Works design Appointed person to prepare lifting plan All lifting to be controlled under SAF022 Permit for Lifting	L	

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17	Unloading Lorries	Fall from height, hit by falling objects, Danger to personnel	Site Staff Client Staff Operatives	M	All delivery drivers to wear PPE in line with the site rules. Ensure by visual inspection that all ground is level and compacted to suit vehicle tolerances in all manoeuvring and off-loading areas.	L	

		from lorries reversing, Falling off load/part load due to uneven ground conditions, Falling off load/part load by poorly planned unleashing			Use of cordoned area and use Banksman. All chains/straps/ropes to be removed by a competent person only when load is in final position. Breaking down packs of materials into component parts to reduce weight if possible. Use of mechanical lifting aids to avoid the need for manual handling. Team lifting where possible.		
18	LPG/HFL use and storage	Explosion, fire, Fire and explosion Gas is heavier that air and so any leaks will accumulate in low level drains, sums etc.	Site Staff Client Staff Operatives	H	LPG not to be used unless essential, then the size of cylinder to be kept as small as possible. Cylinders to be kept to a minimum, stored in open air within a secure cage or similar and with appropriate warning signs posted. Cylinders to be isolated except when actually in use. If LPG appliances are used, annual inspection by a GAS-SAFE registered gas fitter to be available for the appliance.	L	
19	Reinforced Concrete Works	Skin contact, vision damage.	Site Staff Client Staff Operatives	M	Works to be carried out in line with approved RAMS. Ensure that all temporary works have been designed, checked, approved and installed in accordance. Ensure that all correct systems of work are in place at all times, i.e. correct PPE, Working at height, manual handling, CPCS, etc.	L	
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20	Use of Concrete Pump	Concrete in eyes, Concrete burns, Head injury from boom hoses, vehicle	Site Staff Client Staff Operatives	H	PPE detailed in COSHH Assess & MSDS to be worn at all times. Use of ropes and good manual handling practices to be adopted, All personnel are to remain clear of the delivery hose and placing boom. Under no circumstances should any unauthorised personnel	L	Safety Alert 030 - Concrete Pump Fatality to be communicated to all operative prior to commencement

		movement			attempt to open the pipeline. Trained banksman to be in place for concrete vehicles reversing		
21	Use of Shutters	Hit by swinging objects, falling objects. Pers falling from height Muscular-skeletal injury	Operatives	H	Ensure that all temporary works have been designed, checked, approved and installed in accordance. Exclusion zone to be established Signage to be displayed	L	
22	Dust and Airborne dust from construction activities	Lung Disease / Breathing problems / Spread of dust /debris causing fire, health hazard.	Site Staff Client Staff Operatives Labourers	H	**No brushes are to be used in the cleaning** All construction activities are to be subjected to the use of wetting agents and on-tool extraction / vacuums Debris cleared from site on a regular basis, debris disposed of into skips, safe clear access to skips. All debris cleared from site on a regular basis, debris disposed of into skips, safe clear access to skips. No fires permitted on site. Materials of unknown/ hazardous nature to be disposed of by specialists, in a legal manner. RPE - minimum of FFP3 evidence of face fit testing completed Ground conditions to be monitored and damping down with a water bowser is to be considered	L	
23	Manual Handling	Muscular-skeletal injury, slip trip and fall	Operatives	M	Training to be provided Proper manual handling techniques If possible, avoid lone lifting, Check the load and the area prior to any lift. If possible use of mechanised devices.	L	
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24	Noise and Vibration	Hearing Damage / HAVS / Physical ill health effects / Nuisance	Site Staff Client Staff Operatives	M	Use of manual tools to minimise noisy operations to ALARP. Establish acoustic screens to contain noise nuisance. Noise control communicated to ops prior to starting works and including the need to minimise the production of noise. Noise/ vibration assessment where activities identified as producing significant noise or vibration. Hazard warning signs indicating noise hazard. Suitable PPE for operatives working with noise.	L	HAV records to be submitted to PC
25	Hot Works (welding ,	Burns /	Site Staff	H	Site specific Fire Action & Emergency Plan communicated to all	L	

	Gas Cutting, grinding)	Smoke Inhalation / Death / Damage to property	Client Staff Operatives		SAF027 Permit for Hot Works to be completed for all Hot works Task specific fire extinguishers to accompany Hot Works Permit. Fire shields used when carrying out hot works to avoid fire spread to adjacent combustible materials. Daily liaison with the Client key contact to advise of hot works.		
26	Storing of materials in working platform	Dropping objects, Muscular-skeletal injury.	Operatives	L	SWL to be confirmed prior to storage of equipment / materials. The platform must be tested if required Never store any excess material other than what is required. Safe access must be provided with an exclusion zone in place Housekeeping must be maintained of all working platforms	L	
27	Use of COSHH items	Irritant, respiratory problems asphyxiation	Operatives/staff	M	Provide good ventilation during application. PPE detailed in COSHH Assess & MSDS to be worn at all times. Storage of items is to be in an approved container as per MSDS	L	
28	Use of MEWP	Person & materials falling from height, Overturning of MEWP, Collision with other MEWP/ structure, Contact with overhead services or equipment	Staff/Operatives	H	Operatives to hold relevant IPAF card Fall protection is to be in place as detailed in individual RA Ground condition approved under Temp Works Design No material must be stored in platform area except tools. Platform is to be sighted on level and firm ground. Thorough examination must be completed and certificate issued to the PC prior to commencement All MEWP must be equipped with reverse alarm. Cherry Pickers must be fitted with anti-entrapment device Emergency rescue procedures must be in place and communicated to the workforce	L	
29	Confined Space	Injury arising from fire or explosion. Loss of consciousness due to an increase in body temperature. Loss of consciousness or asphyxiation arising from gas, fume, vapour or lack of oxygen. Drowning. Asphyxiation arising from free flowing solids / in ability to reach respirable	Operatives	H	Operatives to provided evidence of confined space training prior to entry. Suitable risk assessment and method statement including rescue plan to be reviewed and accepted by McLaren site management prior to entry. PPE detailed within RAMS to be worn. Access into confined space controlled under permit to work system. Confined space to be isolated from ingress of substances that could pose a risk to those working within. Testing / monitoring of air condition prior and during entry to the confined space. If the air is not fit to breath full breathing equipment to be used. Records to be maintained. A safe means of access and egress to the confined space to be provided. Lines of communication to be established and maintained for the duration of the works.	M	

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		environment due to entrapment by free flowing solids.			Emergency rescue procedures must be in place and communicated to the workforce.		

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30	Demolition	Struck by falling materials, Dust, release of hazardous substances	Operatives, staff, public	H	Demolition plan to be produced by demolition contractor outlining procedures / sequence of demolition. Water suppression to be implemented. Exclusion zone to be established around demolition works. Asbestos survey to be completed pre demolition. Permit to demolish to be utilised by contractor with daily recorded checks. Isolation of services prior to demolition works commencing.	M	Works to be completed in compliance with McLaren Policy & Procedure for demolition.
31	Piling	Impact with Plant Falls/Slips Trips Service Strike	Operatives	H	Full sequence of work to be developed by contractor prior to start. Working zones to be established and discussed in daily briefings. Exclusion zones to be implemented. No access within working zone of piling rig. Full scan of area and use of GPR survey to be done prior to start. Permit to penetrate ground to be accepted by McLaren prior to start.	M	
32	Close Proximity to residential, commercial and student accommodation	Struck by falling materials, Impact with Plant	Members of the Public	H	Restricted access on to site for authorised personnel only. Site perimeter to be secured with fencing / hoarding. Safety fans to be used to catch falling debris on high rise construction. Trained traffic marshals to be used to manage plant movements on to site. Installation of traffic management system, gatemen to be in place for all deliveries. Alternative crossing points and pedestrian routes controlled	L	
33	Asbestos	Exposure to asbestos	Operatives, public	H	Refurbishment and Demolition Survey completed prior to commencement of asbestos removal / demolition. Controlled access and prevent unauthorised entry. Use of RPE for asbestos removal. Trained and competent contractors to be employed for the work. Emergency plan in place for dealing with an uncontrolled asbestos release. The Licensed Contractor must use a UKAS Accredited Analytical	M	Works to be completed in compliance with McLaren Asbestos Policy and Procedure.

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					Specialist to carry out the final clearance test (air monitoring). Upon satisfactory results of the test. The Licensed Contractor will then issue MCL with the Final 'Clean Air' certificate.		
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