



Risk Assessment 002 for the Installation of LUL Retaining Wall

Project: Perimeter Site Hoarding at West Hampstead Square

Date: 12th February 2014

Risk Assessments and surveys have been carried out for all tasks on site prior to commencement of works by OHMG Ltd and recorded on the risk assessment format. The risk ratings are evaluated by measuring severity and likelihood (using a 5 x 5 matrix). Any Risks in excess of 12 are unacceptable and work must not commence until the risks can be reduced further.

	Insignificant (1)	Minor (2)	Moderate (3)	Major (4)	Catastrophic (5)
Certain (5)	5	10	15	20	25
Very Likely (4)	4	8	12	16	20
Possible (3)	3	6	9	12	15
Unlikely (2)	2	4	6	8	10
V. Unlikely (1)	1	2	3	4	5
Risk Rating	Actions (all risks must be eliminated or reduced as far as is reasonably practicable).				
15 - 25	Very High Risk – Not acceptable. Apply mitigation to eliminate or to further reduce the risk – Method statement required (see method statement template SF 39).				
8 - 12	High Risk - Apply mitigation to eliminate or reduce the risk, and if it remains a high risk, develop robust control measures to limit and manage the effects of any hazards – method statement required.				
1 - 6	Low Risk – May be accepted if all reasonably practicable control measures are in place, however, if more can be done to reduce or eliminate the risk, then it should be done.				



ACTIVITY	HAZARD		RISK BEFORE CONTROL			RISK CONTROLS REQUIRED	RESIDUAL RISK WITH CONTROL			MONITORING WHAT / WHEN / WHO
	RISK FROM	RISK OF	L	S	R		L	S	R	
Access/Egress	Slips, trips and falls on the same level.	Employee Personal injuries or fatality	5	5	15	Safe route of access routes to be established and maintained at all times. Good housekeeping standards to be maintained. Materials to be stacked neat and tidy. Operatives to wear non-slip safety boots, kept in good condition. Work area must be clear and well-lit. Principal Contractor to ensure access areas are well lit.	1	5	5	OHMG to monitor through site inspections by Site Manager and OHMG Safety Manager
Pedestrian / Site Traffic	Vehicles coming into contact with persons. Securing of loads	Personal injury to pedestrians / other drivers on site	4	5	20	Follow site traffic management plan. Clearly establish separate vehicular/pedestrian routes. All drivers shall be qualified and competent drivers to operate the item they are operating. Reversing only to be undertaken under control of banksman. Pedestrians must wear suitable PPE. Driver to ensure that all loads are secured before movement of trailer.	1	5	5	
Operatives accessing on or near live rail lines	Contact with train	Fatal Injury	5	5	25	All works should take place within the confines of the construction site Area, no access to live rail/underground lines will be permitted. Site shall be adequately fenced off to prevent access to the rail lines in advance of any work covered under this Method Statement proceeding.	2	5	10	
Work at Height	Falls of persons or materials	Personal injuries or fatality to employees, contractors or members of the public	3	4	12	No ladders permitted on site, use podium steps securely founded and Scaff Tagged prior to use. No materials to be lifted over the heads of anybody.	1	4	4	



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Power Tools	Contact with blades, vibration, electricity, noise	HAVS, cuts, eye injuries, electrocution, NIHL	4	4	16	110v tools to be used. PPE to be worn as per manufacturers guidance, eg ear defenders, glasses, gloves etc. Users to be suitably trained to use item.	1	4	4	
Hazardous Substances	Fire, Explosion, burns, disease, illness	Personal Injury to employee or others in area	3	4	12	Use of Trained Personnel and specific instructions based on COSHH assessments. Storage in accordance to Guidance. Signs and notices. Medical surveillance where necessary.	1	4	4	
Manual Handling	Lifting, pushing, pulling of loads manually	Musculoskeletal injury	5	4	20	Manual handling to be avoided by using mechanical means of lifting – lorry loaders etc. Work layout to be considered to ensure that materials don't have to be carried over long distances (>10m). Repetitive work to be shared. Load to be carried over terrain to be assessed prior to commencement. PPE – gloves to be worn,	2	4	8	
Electrocution	Digging up cables, cut leads	Electrocution	4	5	20	Create 3m Exclusion Zone, no plant allowed in zone. Scan ground and locate cables by hand prior to excavation. Use 110v site electrics only, keep trailing leads clearly marked and tidy.	1	4	4	
Fire	Explosions	Burns	3	5	15	Adhere to Fire Safety Plan. Do not store combustible materials together. Secure gases, fuels, flammables separately and locked. Hot works via Hot Works Permit only.	1	4	4	



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	RISK FROM	RISK OF	L	S	R		L	S	R	
Removal of Existing Boundary Structures	Breaking concrete with the use of excavator	OHMG Ops Other site personnel	4	4	16	Establish Hearing Protection Zone (Signage will be required). Establish Works Exclusion Zone. If excavating, obtain details of services prior to any works commencing. Ensure all operatives are trained/competent to undertake the task. Ensure a clear as you go policy is in place. In the event that there is any possibility of concrete fragments / dust escaping onto the adjacent rail line, suitable barrier/screens to be erected.	3	2	6	
Plant Operation Adjacent to LUL Boundary	Lifting Over Boundary	Impact with adjacent trains / damage to LUL Infrastructure	5	5	25	Boundary to be clearly defined with hoarding erected in advance of any works proceeding. Plant operators to be competent and CPCS Certified. Plant to have in attendance a banksman at all times. Excavators must at all times swing away from temporary boundary fence. Suitable level working platform to be provided for excavator to operate/work from. Working areas to be clearly identified.	2	5	10	
Traffic Routes Adjacent to LUL Boundary	Vehicle escaping over boundary	Operatives Damage to LUL Infrastructure Collision with train	5	5	25	Traffic routes to be created remote to boundary/working area. Boundary to be clearly defined and traffic route defined. Traffic to be marshalled along boundary. If deemed necessary, vehicle restraint barrier(s) to be put in place.	2	4	8	