CDM Risk Register



Project Information							
Project Number:	409	Project Name	Croydon College - West End Refurbishment				
Date:	2.05.24 Document Reference:		409-ACG-XX-XX-SH-A-011901	Stage:	RIBA Stage 4		
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Project Notes:			

	ACTION ACTION ACTION ACTION							
REF	ACTIVITY / ELEMENT	RAISED BY	HAZARD	DESIGN STAGE HAZARD MANAGEMENT ACTION (DSHMA) / RISK CONTROL MEASURE (RCM)	ACTION OWNERS	COMPLETE (Y/N)	PERSONS IN DANGER	RESIDUAL HAZARD (For Inclusion in Pre-Construction Information & in
1.00	General Site Environment & Al	pove Ground Services						Health & Safety File)
				Contractor to be aware when working close to the public				
1.01	Site Access Logistics	ACG architects	Pedestrian Traffic	right of way along Park Lane. Provide adequate safety hoardings taken outboard to greatest extent possible. Ensure measures in place to control pedestrian traffic, site access and safety of pedestrians in and around the West Entrance to be agreed with the College.	Contractor	N	Demolition & Construction. Workforce/Public	Residual risk to pedestrians during construction works
1.02	Site Access Logistics	ACG architects	Fire Exit	Appropriate risk assessments to be carried out by College & Contractor in order to ensure alternative means of egress from the building during operations. West Entrance access will be unavailable for the duration of the works.	Contractor/ College	N	Demolition & Construction. Workforce/Public	Residual risk to building users during construction works
1.03	Site Access Logistics	ACG architects	Traffic	Appropriate risk assessments to be carried out by contractor in order to avoid collisions between pedestrians, site operatives and the delivery of goods. Adequate safety provision to be assured to facilitate a secure pe	Contractor	N	Demolition & Construction. Workforce/Public	Residual risk to pedestrians during construction works
1.04	Deliveries	Hambleton Partnership	Delivery of construction materials on neighbouring roads resulting in possible accidents.	Designed works dictates the need for delivery of construction materials- Unable to avoid. Adequate signs, regular maintenance and sweeping; traffic control if necessary; safe access and egress maintained.	Contractor	N	Demolition & Construction. Workforce/Public	Adequate signs; regular maintenance and sweeping; traffic control if necessary; safe access and egress maintained.
1.05	Site Logistics	Hambleton Partnership	Lorries, excavators, site traffic etc. overturning or causing accidents.	Construction management issue- inform planning supervisor. Trained operatives; appropriate choice of plant; PPE; reflective clothing; mark//dentify access routes with barriers if appropriate for safe pedestrian access.	Contractor	N	Demolition & Construction. Workforce/Public	Interface with terflic movements to be addressed in conjunction with adjacent landowners/tenants/contractors. Detailed control measures are to be developed by the contractor to mitigate all risks to health and safety. Contractor to submit method statements for review by Principle Designer
2.00	Demolition Existing Buildings							
2.01	Removal of existing roof fabric and ramp/handralls	ACG architects	Manual handling / Noise/falling objects	Excessive noise and dust when breaking out the existing slab and fill to the ramp. All operatives to utilise the necessary PPE to prevent injury. Further coordinate working periods with the College to ensure minimal disruption to building users. Potential risk to basement level building users below within the podium, in the event of damage to the glass block flooring requires it to be covered at all times once the roof membrane has been removed and a suitable protection board installed in its place.	Contractor	N	Demolition & Construction. Workforce/Buildi ng users & Public	Residual risk to site operatives and building users during construction works
2.02	Removal of existing roof fabric and ramp/handrails	Hambleton Partnership	Inhalation of dust	Contractor to ensure appropriate PPE is adopted.	Contractor	N	Demolition & Construction. Workforce	Residual risk to site operatives during construction work
3.00	Substructures & Below Ground	l Services						
3.01	Excavations for new ramp	Hambleton Partnership	Striking underground or overhead cables.	All known underground and overhead services will be shown on Tender/Contract drawings.	Contractor	N	Demolition & Construction. Workforce	Contractor to submit method statements for review by the Employers Representative. Works in vicinity of Electrical cables to be carried out in accordance with industry standards. Care should be taken with overhead cables to ensure that no contact is made with excavator. Observance of all overhead cables during all site works should be undertaken.
3.02	Excavations for new ramp	Hambleton Partnership	Damage to mapped and unmapped existing underground services resulting in water leakage resulting in flooding with potential to caused traffic accidents	The Specification and notes on Tender/Contract drawing will set out the obligations of the Contractor in underground services. Accurately locate all underground services based on information available.	Contractor	N	Demolition & Construction. Workforce/Buildi ng users & Public	Detailed Control measures are to be developed by the Contractor to mitigate all risks to health and safety.
								Detailed control measures are to be developed by the
3.03	Excavations for new ramp	Hambleton Partnership	Risk associated with excavation of contaminated ground	The GI included did not encounter any evidence of contamination.	Contractor	N	Demolition & Construction. Workforce	contractor to mitigate all risks to Health and Safety and issue of suitable PPE. Contractor to carryout WAC testing of spoil. The contractor should remain vigilant forevidence of contamination (e.g. bad smells, discolouring, evidence of asbestos material, etc).
3.03	Excavations for new ramp Excavations for new ramp	Hambleton Partnership Hambleton Partnership	with excavation of contaminated	Foundations designed to a minimum depth. Design mass concrete foundations to alleviate requirement for personnel to enter excavation.	Contractor	N N	Construction.	issue of suitable PPE. Contractor to carryout WAC testing of spoil. The contractor should remain vigilant forevidence of contamination (e.g. bad smells,
			with excavation of contaminated ground Collapse of foundations.	contamination. Foundations designed to a minimum depth. Design mass concrete foundations to alleviate requirement for personnel to			Construction. Workforce Construction	issue of suitable PPE. Contractor to carryout WAC testing of spoil. The contractor should remain viginal forevidence of contamination (e.g. bad smells, discolouring, evidence of asbestos material, etc). Contractor to provide temporary shoring as required. The contractor to provide pumping
3.04	Excavations for new ramp		with excavation of contaminated ground Collapse of foundations.	contamination. Foundations designed to a minimum depth. Design mass concrete foundations to alleviate requirement for personnel to			Construction. Workforce Construction	testing of spoil. The contractor should remain vigilant forevidence of contamination (e.g. had smells), discolouring, evidence of asbestos material, etc). Contractor to provide temporary shoring as required. The contractor to provide pumping

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5.01	Installation and removal of the steel frame, screens and signage to the Level OI and above roof area (Colonnade)	ACG architects	Manual handling / falling	Above First Floor: Access to install these features will need to be from both the front and the rear we anticipate. 1) to the rear operatives can access the First Floor roof from via a secure external maintenance walkway across the refectory roof and to further step down over the existing upstand parapet. 2) From the front a localised temporary scaffold tower upon a suitable non silp substrate /baseboard (due to the green roof) will be necessary. Lockable maintenance access gate into landscaped area prevents unwanted access.	Contractor	N	Demolition & Construction. Workforce	Residual risk to site operatives during construction works	
5.02	Installation of SBS modified Bituminous roofing system.	ACG architects	Fire	Potential high temperature torch application used during the installation, risk of burns and fire to site operatives and building users. Suitable risk assessments to be in place prior to works commencing and all operatives are to utilise the necessary PPE to prevent injury.	Contractor	N	Demolition & Construction. Workforce	Residual risk to site operatives during construction works	
5.03	Installation and removal of the building signage to the colonade roof (Level O3).	ACG architects	Manual handling / falling	Access to install the third floor flat roof will need to be from both the front and the rear we anticipate. J1 to the rear operatives can access the third floor ord via a secure staincase directly to the south. However the use of a Personal Fall Protection System for permanent periodic maintenance will be necessary along the roof of the colornade. This does not existe currently and would not be comparable anchor points. 2) From the front a localised temporary scarffed tower upon a suitable non slip substrate /baseboard (due to the green roof) will be necessary. Locable maintenance access gate into landscaped area prevents unwanted access.	Contractor	N	Demolition & Construction. Workforce	Residual risk to site operatives during construction works	
5.04	Working at height	Hambleton Partnership	Falls from heights	Minimise complexity of high level steelwork connection.	Contractor	N	Construction Workforce	Contractor to provide safe working platform at convenient level to carryout high level operations. Contractor to provide safety harness connections and edge restraints. Contractor to provide method statement for all work at height. Contractor to prohibit the use of ladders	
5.05	Steelwork Erection	Hambleton Partnership	Steelwork erection Fall from heights, Falling objects Instability of steel members	Minimise number of high level connections. Design provision for safety harmess connection Design connections to allow ease of erection. Connection designed loads to be included in Tender/Contract drawings. Use MEWP where possible	Contractor	N	Construction Workforce	Access to area under steelwork to be cordoned off during erect process. Contractor to submit method statement for review by the EmployersRepresentative	
5.06	Concrete	Hambleton Partnership	Contact with cementitious material.	Design elements so that no direct contact with concrete is required.	Contractor	N	Construction Workforce	Contractor to issue of suitable PPE. Adopt safe methods of working with wet concrete.	
5.07	Lifting	Hambleton Partnership	Lifting heavy objects	Design lightweight steel support members	Contractor	N	Construction Workforce	Contractor to submit method statements for review by the Employers Representative.	
6.00	MEP Services & Provisions		•	•					
6.01	Installation and removal of the artificial lighting to the Level OI and above roof area (Colonnade)	ACG architects	Manual handling / falling	Above First Floor: Access to install these features will need to be from both the front and the rear we anticipate. 1) to the rear operatives can access the First Floor roof from via a secure external maintenance walkway across the refectory roof and to further step down over the existing upstand parapet. 2) From the front a localized temporary scaffold tower upon a suitable non slip substrate /baseboard (due to the green corp) will be necessary. Lockable maintenance access gate into landscaped area prevents unwanted access.	Contractor	N	Demolition & Construction. Workforce	Residual risk to site operatives during construction works	
6.02	Install west end elevation, high level fascia wall and ceiling mounted external lighting	Michael Jones & Associates	Working from height and potential fall	MEWP or elevated fixed platform with edge fall protection and warning notices to be provided.	Electrical Contracto	N	Maintenance Contractor	Contractor to provide risk and method statement for works or future maintenance when working at height.	
6.03	Trace existing electrical cables + Install new cables	Michael Jones & Associates	Electric shock	Contractor to carry out electrical tests in accordance with the 18th edition of the IET wiring regulation. Record documentation to be sought from Croydon College	Electrical Contracto	N	Maintenance Contractor	Obtain record information or test sheets prior to undertaking work.	
7.00	Access & Maintenance								
7.01	Cleaning of windows	ACG architects	Manual handling / falling	Ground Floor windows to the existing facade to be accessed and cleaned from grade via perimeter grade margin. Lockable maintenance access gate into landscaped area prevents unwanted access. 700mm wide permanent gravel margin provided however the softscape is also accessible for maintenance staff.	Client	N	Staff Member/Building Maintenance	Residual risk to building maintenance staff during ongoing building operations	
7.02	Replacement of artificial lights (Ground Level)	ACG architects	Manual handling / falling	Ground Floor: Access to the low level artificial lights that are to be fixed to the existing façade/plers at approximately 43000mm above grade are to be accessed and maintained from the landscaping. Localised temporary s	Client	N	Staff Member/Building Maintenance	Residual risk to building maintenance staff during ongoing building operations	
7.02	Replacement of artificial lights (First Floor and Roof Level)	ACG architects	Manual handling / falling	Above First Floor. Access to the artificial lights that are to be fixed to the First Floor Roof and underside of 8 and 10	Client	N	Staff Member/Building Maintenance	Residual risk to building maintenance staff during ongoing building operations	