

**AYRE
CHAMBERLAIN
GAUNT**

Project Notes:

[illegible]

REF	ACTIVITY / ELEMENT	RAISED BY	HAZARD	DESIGN STAGE HAZARD MANAGEMENT ACTION (DSHMA) / RISK CONTROL MEASURE (RCM)	ACTION OWNERS	ACTION COMPLETE (Y/N)	PERSONS IN DANGER	RESIDUAL HAZARD
								(For Inclusion in Pre-Construction Information & in Health & Safety File)
5.01	Installation and removal of the steel frame, screens and signage to the Level 01 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 slip 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 colonnade roof (Level 03).	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. 1) To the rear operatives can access the third floor roof via a secure staircase 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 colonnade. This does not exist currently and would need to be in the form of a horizontal lifeline and fixed or portable anchor points. 2) From the front a localised temporary scaffold tower upon a suitable non slip 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
5.04	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 harness 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 01 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 slip 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
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 Contractor	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 Contractor	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 façade to be accessed and cleaned from grade via perimeter gravel 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/piers at approximately +3000mm above grade are to be accessed and maintained from the landscaping. Localised temporary scaffold tower or ladder upon a suitable non slip substrate baseboard (due to the green roof) will be necessary. Lockable maintenance access gate into landscaped area prevents unwanted access.	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 Second Floor soffit. Lighting located at both +4000 & +11000mm AFFL respectively. Both are to be accessed and maintained from the landscaping. Localised temporary scaffold tower upon a suitable non slip substrate /baseboard (due to the green roof) will be necessary. Lockable maintenance access gate into landscaped area prevents unwanted access.	Client	N	Staff Member/Building Maintenance	Residual risk to building maintenance staff during ongoing building operations