

REF	ELEMENT OF DESIGN	HAZARD SPECIFIC NATURE & LOCATION (ADD DRG REFERENCE WHERE APPLICABLE)	LIST POSSIBLE HAZARDS	WHO IS LIKELY TO BE HARMED ?	IS THE RISK ACCEPTABLE ? (Yes or No) If yes, review next ELEMENT OF DESIGN)	RISK MANAGEMENT ACTION REQUIRED	ACTION REQUIRED (Enter specific details of action required to eliminate / mitigate risk)	ACTION IMPLEMENTED IN DESIGN ? (Yes or No)	RESIDUAL RISK DESCRIPTION (List any residual risks after risk management actions has been implemented)	PD TO INCLUDE RESIDUAL RISK IN PCI (Yes or No)
	(Select from drop down list or add to database)	(Insert text)	(Select from drop down list or add to database)	(Select from drop down list or add to database)	(Yes or No) If yes, review next ELEMENT OF DESIGN)	(Select from drop down list or add to database)	(Enter specific details of action required to eliminate / mitigate risk)	(Yes or No)	(List any residual risks after risk management actions has been implemented)	(Yes or No)
1	Existing Underground Services	Unknown harmful substances or materials underground	Ground Contamination	Installer	NO	Ground Investigation Report	Ground Investigation Report to be undertaken by Client prior to any external excavation works to confirm if any contamination present within work areas	NO	Risk remains until Ground Investigation Report has been completed and any necessary remedial works undertaken	YES
2	Unknown Underground Services	Damage to existing buried services	Electric shock	Installer	NO	Underground Services Survey	GPRS survey to be undertaken prior to service trench excavations to accurately map existing underground services	NO	Risk remains until GPR survey has been completed and extent of existing underground services are known	YES
4	M&E Services Strip Out	Exposure to asbestos containing materials (ACM's)	Asbestos	Installer	NO	Asbestos Refurbishment & Demolition Survey	Asbestos R&D Survey to be undertaken within proposed works areas prior to any strip out or installation works	NO	Risk can be reduced but cannot be eliminated as some ACM's may only be able to be safely removed during the works	YES
		Removal of existing M&E services at high level	Working at height	Installer	NO	Submit RAMS	Contractor to submit RAMS detailing methodology for safely removing existing M&E services at high level. Mobile scaffolding to be used for work at high level. Scaffolding to be erected only by trained Operatives and inspected prior to every use.	NO	Risk can be reduced but not eliminated as high level working required	YES
5	Isolating Electrical Systems	Isolation of existing feeder pillar serving building	Electric shock	Installer	NO	Submit RAMS	Contractor to submit RAMS detailing methodology for safely isolating high voltage electrical supply to building as required to facilitate upgrade works. Contractor to liaise with University Facilities Department as required	NO	Risk remains until safe method to isolate building electrical supply has been agreed and implemented	YES
					NO	Use a Qualified Electrical Installer	Contractor to ensure only Qualified Electrical Installers undertake isolation works and fully supervise throughout	NO	Risk remains until safe method to isolate building electrical supply has been agreed and implemented	YES
6	Isolating Gas systems	Isolation of existing gas supply serving building	Fire and Explosion	Installer	NO	Submit RAMS	Contractor to submit RAMS detailing methodology for safely isolating gas supply to building as required to facilitate upgrade works. Contractor to liaise with University Facilities Department as required	NO	Risk remains until safe method to isolate building gas supply has been agreed and implemented	YES
					NO	Use Gas Safe Accredited Installer	Contractor to ensure only Qualified Gas Safe Accredited Installers undertake isolation works and fully supervise throughout	NO	Risk remains until safe method to isolate building gas supply has been agreed and implemented	YES
7	Plant Movements Through Construction Site	Movement of large and heavy items of plant and equipment such as air source heat pump units	Moving object impact	Site Operatives	NO	Control movement of people	Contractor to ensure work routes are clear of pedestrians and segregated when heavy plant and equipment are being transported	NO	Risk remains as cannot be eliminated during design	YES
			Material and manual handling	Installer	NO	Use lifting equipment / machinery	Contractor to ensure specialist lifting equipment / machinery are used to transport heavy items of plant to minimise need for manual handling	NO	Risk remains as cannot be eliminated during design	YES
8	M&E Services Installation	General installation of new M&E services	Working at height	Installer	NO	Submit RAMS	Contractor to submit RAMS detailing methodology for safely installing M&E services at high level. Mobile scaffolding to be used for work at high level. Scaffolding to be erected only by trained Operatives and inspected prior to every use.	NO	Risk can be reduced but not eliminated as high level working required	YES
			Slips, trips, and falls	Installer	NO	Keep works areas clean, tidy and free from obstructions	Site and work areas to be kept tidy at all times to reduce risk of slips, trips and fall. Contractor to ensure all operatives wear appropriate PPE at all times.	NO	Risk can be reduced but cannot be eliminated. Contractor to manage during construction	YES
			Noise / hearing damage	Installer	NO	Use appropriate PPE	Contractor to ensure Operatives are provide with, and use appropriate ear protection during noisy tasks.	NO	Risk can be reduced but cannot be eliminated. Contractor to manage during construction	YES
				Passer by	NO			NO		YES
			Electric shock	Installer	NO	Use a Qualified Electrical Installer	Contractor to ensure only Qualified Electrical Installers undertake installation works	NO	Risk can be reduced but cannot be eliminated. Contractor to manage during construction	YES
DAVIES PARTNERSHIP QA MANAGER COMMENTS:			Approved			ISSUED TO PRINCIPAL DESIGNER DATE:	21/09/2023			
DATE:			21/09/2023			ISSUED TO OTHER DESIGNERS DATE:	21/09/2023			