

	HAZARDS	RISK			PERSONS WHO WILL BE AFFECTED				RISK CONTROL MEASURE TO BE UNDERTAKEN IN ORDER TO ELIMINATE HAZARD / REDUCE RISK TO AN ACCEPTABLE LEVEL. COMMENT / DESIGN INTERVENTION	RESIDUAL / PARTICULAR RISK/ OTHER INSTRUCTION		INFORMATION / CONTROL OF RESIDUAL RISK / PARTICULAR RISKS TO BE PASSED ONTO AFFECTED PERSONS VIA RISK REGISTER AND PRELIMINARY SAFETY AND HEALTH PLAN. CONTRACTOR / OTHER PARTY INTERVENTION
		Y	N	H M L	Public	Const Persons	Third Parties	Others		Y	N	
02	Site Security	√		L	√		√	√	Site security is paramount. The construction zone and access to it should be secured at all times. When the site is handed over to the contractor it is their responsibility to ensure adequate security is in place to avoid any entry by the public, whether intentional or otherwise, and other factors such as vandalism. A security guard presence may be necessary. Temporary hoarding with warning signage is essential. The extent and complexity of the hoarding will depend on the construction activities within the site. All hoarding should be designed to secure the site, protect road users and to be appropriate for the area. Hoarding to be erected to segregate construction activities from the general public.	√		The construction zones and access to them should be secured at all times. Hoarding to be designed by temporary works designer and approved by the Safety Co-ordinator. Hoarding should be appropriate for the area.
03	Construction Site Spatial Requirements		√	L		√	√		There is a serious risk to operatives and other parties if there is inadequate space on site. Given the nature of existing site constraints the contractor should be content that the size of the secure construction zone and access to it are adequate before building. Consideration should be given to establishing a secure general construction compound within the site if possible.	√		Contractor / PSCS should ensure that the site is laid out and planned in a manner to provide adequate space for the safe construction of the building and related activities.
04	Adjacent buildings	√		L	√	√	√		Adjacent buildings should be investigated for defects prior to commencing any construction activities. A photographic survey is vital to ensure potential damage, if applicable, can be documented in a fair and just manner. The contractor is responsible for ensuring the protection of adjacent buildings including temporary propping, waterproofing or longer-term solutions, if appropriate. Adequate hoarding to be put in place to ensure the safety of adjacent building users.	√		Contractor to note the proximity of the adjacent buildings in the area and make construction personnel aware of the use of adjacent buildings. The contractor is responsible for ensuring the protection of adjacent buildings including temporary propping, waterproofing or longer-term solutions, if appropriate. Adequate hoarding to be put in place to ensure the safety of adjacent building users. Contractor to provide method statement in relation to the segregation of construction activities and public activities. Contractor should be content that the size of the secure construction zone and access to it are adequate before commencing any construction activities.

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05	Welfare + First Aid Facilities					√			It is a condition in the contract and a legislative requirement that the contractor will provide appropriate, adequate and hygienic welfare and first aid facilities suitable for the size and nature of the site. Information in relation to available services on the site to be passed onto the PSCS / Contractor.		√	Contractor to assess and provide adequate welfare facilities appropriate to the scale of the project and the nature of the works.
06	Waste Management								Construction waste should be dealt with in an appropriate manner in accordance with procedures set out in legislation. If managed inappropriately, waste construction materials may cause risk to construction personnel and the general public. Recommendations for waste management have been outlined by the local authority. Contractor to make not of these recommendations and compile a Waste Management Plan.		√	Construction waste should be dealt with in an appropriate manner in accordance with procedures set out in legislation. Waste should be stored / stacked in a safe manner on site prior to disposal to ensure against it being dispersed and blown. Contractor to compile a Waste Management Plan.
07	Delivery / Storage of Materials	√		L	√	√	√		The site is rural in nature with plenty of space for accepting and storing deliveries. It is considered that with careful traffic management and construction site planning there is sufficient space on the site to facilitate delivery and storage of materials. A Traffic Management Plan should be compiled for the delivery of large building components. All building materials to be stored safely within the secure construction compound.		√	Contractor / PSCS to outline procedures for the delivery, storage and vehicle movements in relation to deliveries to the site in the Traffic Management Plan. Agreements with the local authority to be in place prior to commencing construction activities. Contractor to be fully satisfied that there is enough room for storing building materials safely within the site compound.
08	Boundary stability	√		L	√	√	√		The restricted working areas adjacent to retaining walls may limit safe access, movement of operatives, and positioning of access equipment or materials. There is also a potential risk of damage or instability where works, loading, or vibration occur near boundary structures. There are no obvious unstable boundaries.	√		There are no obvious unstable boundaries. Due care to be observed when working around any boundary.

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		Y	N	H M L	Public	Const Persons	Third Parties	Others		Y	N	
09	Construction Access and Egress / Traffic Management	√		L	√	√	√		General construction access to the site will be from the N3 local road. Extreme caution must be exhibited by construction personnel when approaching the site. Any damage to the road surface or on site car park and access route should be repaired immediately to prevent risk to the public. Construction traffic will be a danger to the public and construction personnel. Large machinery, in particular, may ignite the interest of inquisitive young children so extreme caution is required on site and in the vicinity of the library at all times. Contractor to investigate all other possibilities that might prevent access and egress to the sites in a safe manner, utilities or otherwise. There are overhead cables along the front boundary All access and egress to the general compound to be controlled. Public safety is paramount.	√		Access and egress to, from and within the site must be maintained safe at all times. The sites must be laid out to avoid risk of operative impact with construction traffic. General construction access to the sites will be from the local road N3. Where necessary, temporary hoarding to be designed by temporary works designer and approved by the Safety Co-ordinator. Protection of the shared area surface should be in place prior to the commencement of construction work on site. Highly visible site entrances should be installed with signage to warn the public. A Traffic Management Plan should be prepared and included in the Safety Plan to ensure the safety of the public from construction traffic / activities. A banksman made be required at busy times. Public safety is an absolute priority. There will be no parking available for construction operatives on the public roads in the vicinity of the site. All parking to be incorporated on site. Roads leading to the site entrance must be kept clean of construction dirt at all times. A road cleaning regime must therefore be in place for the duration of the contract. Any damage to shared car park surface should be repaired immediately to prevent risk to the public.
10	Construction Traffic	√		L	√	√	√		The N3 is a two-way thoroughfare with a small capacity to facilitate an influx of construction traffic. Considerable additional traffic as a result of construction activities represents a genuine risk to the public of contact with machinery. Welfare facilities, storage facilities and site offices should be made available within the site boundary. Contractor to be fully satisfied that there is enough room within the general compound for these facilities. Contractor to compile a Traffic Management Plan for all vehicles accessing and egressing the general construction compound. Only experienced construction personnel with the relevant training and statutory permission should be allowed to operate machinery, particularly on public thoroughfares.	√		Welfare facilities, storage facilities and site offices should be made available within the site boundary. Contractor to be fully satisfied that there is enough room within the general compound for these facilities. Contractor to compile a Traffic Management Plan for all vehicles accessing and egressing the general construction compound. Only experienced construction personnel with the relevant training and statutory permission should be allowed to operate machinery, particularly on public thoroughfares.

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11	Over ground services	√		L	√	√	√		There are live electric cables along the front boundary of the site. Live electric cables represent a risk of electrical shock to construction personnel and the general public. Contractor to consult with the ESB and the Mechanical / Electrical Engineer in relation to preparing the site for demolition and construction activities. Mechanical & Electrical Engineer to compile a plan for dealing with live cables attached to the building façade. All live cables should be highlighted with highly visible demarcation and warning signage.	√		Contractor to consult with the ESB and the Mechanical / Electrical Engineer in relation to preparing the site for demolition and construction activities. Mechanical & Electrical Engineer to compile a plan for dealing with live cables attached to the building façade. All live cables should be highlighted with highly visible demarcation and warning signage.
12	Underground services	√		L		√			There is always a risk of contact with / damage to existing unidentified and unmarked underground services. Risks include injury consequent to damage to existing underground services (explosion, electrocution, asphyxiation, poisoning). As well-developed town centre sites, the likelihood of underground services being present is high. Risk to be reviewed by Main Contractor in respect of the proposed work on site. Method Statement to be compiled for all proposed work on the site including enabling works and demolition. A full CAT scan of the site must be undertaken before building work commences. All services to be identified, clearly marked and isolated where required. Ensure that adequate record drawings are prepared, maintained and issued to the client, Design Team and PSDP of all underground services. Contact the relevant service providers (ESB etc.) to located positions of existing service routes underground. Notify relevant service authorities and/or owner/occupier regarding damage arising from construction work. Contractor to prepare Method Statement for dealing with damage to Utility Services in a safe and expedient manner and to the satisfaction of the service authority or owner.	√		Risk to be reviewed by Main Contractor in respect of the proposed work on the sites. Method Statement to be compiled for all proposed work on the site including enabling works and demolition. Ensure that adequate record drawings are prepared, maintained and issued to the client, Design Team and PSDP of all underground services. Contact the relevant service providers (ESB etc.) to located positions of existing service routes underground. Notify relevant service authorities and/or owner/occupier regarding damage arising from construction work. Contractor to prepare Method Statement for dealing with damage to Utility Services in a safe and expedient manner and to the satisfaction of the service authority or owner.

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		Y	N	H M L	Public	Const Persons	Third Parties	Others		COMMENT /DESIGN INTERVENTION	Y	
	Construction											
13	Ground Conditions / Site Investigations								All site investigations to be sought by the contractor. Contractor to investigate site conditions prior to commencing construction work. Foundation details to be advised by the Structural Engineer.		√	Contractor / PSCS to note the nature of the ground and all reports relating to it. Investigations to occur prior to commencing construction work. Special care required when undertaking excavations. Ground conditions across the site may differ from the test areas. Foundation details to be advised by the Structural Engineer.
14	Water table levels	√		L		√			Not applicable to this activity as no excavation or below-ground work is being carried out, and there is no interaction with groundwater.		√	Contractor / PSCS to note that this is not applicable as no excavation or below-ground work is being carried out, and there is no interaction with groundwater.
15	Proximity to water	√		L		√			There is no open water or steam evident on site. Sudden downpours may cause flash flooding that can put Construction Personnel at risk of drowning. No building works to be carried out in the immediate vicinity of open water.		√	Contractor / PSCS to note the risks of flooding in 100-year and extreme events and address it in the Site Safety Plan. No building works to be carried out in the immediate vicinity of open water.
16	Unstable ground	√		L		√			All site investigations to be sought by the contractor. Unstable ground may result in the collapse of excavations or sinking of construction machinery with construction operatives at risk of burial under earthfall or impact injury. Contractor to investigate site conditions prior to commencing construction work.	√		The Contractor to ensure that all plant operators hold appropriate construction skills and training cards and have the necessary experience of undertaking work in similar conditions.
17	Operation of Machinery on Sloping Ground	√		L		√			Caution should be taken when operating machinery on sloping ground. Construction operatives at risk of impact injury or entrapment from overturned machinery.	√		The Contractor to ensure that all plant operators hold appropriate construction skills and training cards and have the necessary experience of undertaking work in similar conditions.
18	Burial Under Earth Fall	√		L		√			Risk of burial under earthfall is very unlikely from collapse of excavations due to small amount of groundworks being carried out. The possibility of burial under earth falls and collapse of trenches from machinery operations should be brought to the attention of the Project Supervisors and Contractor.	√		Contractor / PSCS to note the nature of the ground.

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19	Contaminated Ground	√		L		√			As it is a brown field site, there may be a risk that undetected contamination exists, particularly as there are existing buildings. Contractor to investigate site conditions prior to commencing construction work and be vigilant during excavations.		√	Contractor to investigate site conditions prior to commencing construction work and be vigilant during excavations. Contaminated soil to be evaluated and removed by an experienced specialist contractor.
20	Installation of Scaffolding	√		L		√			Scaffolding will be required for external works to the facades, roof and internal works. Potential risks include impact from collapsing scaffolding, impact injury and falling from height to Construction Personnel and the Public. All scaffolding associated with the external insulation works shall be designed, erected, altered, and dismantled by a competent and certified scaffolding contractor in accordance with current Irish health and safety legislation. Contractor to ensure competency and registration of operatives for the erection, maintenance and certification of all scaffolding.	√		Contractor to ensure competency and registration of operatives for the erection, maintenance and certification of all scaffolding. Hoarding to be designed by temporary works designer and approved by the Safety Co-ordinator. Hoarding should be appropriate for the heritage streetscape and ensure the continued safe use of the street by pedestrians, motorists and cyclists. Contractor to ensure competency and registration of operatives for the erection, maintenance and certification of all scaffolding.
21	Falling From Height	√		H		√			Construction Operatives are at risk of injury or death from falling from height whilst working at high levels. There is also a risk of impact with equipment / plant or materials falling from height to Construction Operatives on the ground and the general Public. The Contractor is responsible for ensuring competency of operatives through, but not limited to, relevant Health and Safety training and/or regular ‘tool box talks’ and briefings. Working from height activities must be properly planned and undertaken by trained and competent personnel using appropriate and inspected access equipment. Control measures will include the use of fall prevention systems, edge protection, secure ladder procedures, and exclusion zones to protect persons below. Contractor to provide risk assessments and compile a Method Statement for construction operations including ways of reducing the risk of falling from height. Collective Protection Measures should take precedence over individual protection. The Contractor is responsible for ensuring competency of operatives through, but not limited to, relevant Health and Safety training and/or regular ‘tool box talks’ and briefings.	√		The contractor to provide collective protection measures and to limit ladder work as far as is reasonably possible in accordance with the Construction Regulations. Access scaffolding to be provided for roof work. Contractor to provide risk assessments and compile a Method Statement for construction operations including ways of reducing the risk of falling from height. Collective Protection Measures should take precedence over individual protection. The Contractor is responsible for ensuring competency of operatives through, but not limited to, relevant Health and Safety training and/or regular ‘tool box talks’ and briefings.

DESIGN RISK ASSESSMENT / REGISTER

DOC REF: 25-19

Sheet: of

SITE ASSESSMENT / DETAIL DESIGN / CONSTRUCTION / MAINTENANCE



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22	Manual Handling	√		M		√			Construction Operatives are at risk from strain injuries from excessive manual handling and impact injuries from dropped building materials and equipment. Manual handling must be avoided as far as is reasonably practicable. The contractor must therefore make arrangements for the mechanical lifting of materials whenever and wherever practicable. Adequate lifting equipment to be used for the installation of heavy building elements.	√		Manual handling must be avoided as far as is reasonably practicable. The contractor must therefore make arrangements for the mechanical lifting of materials whenever and wherever practicable.
23	Building Materials	√		L		√			Latent defects or can weaken building components which may put construction operatives and building users at risk if the defects cause failure in the building. All materials certifications to be screened for potentially unstable components .	√		All materials certifications to be screened for potentially unstable components such as pyrite in blockwork.
24	Noise	√		L	√	√	√		Noise should be kept to a minimum. Excessive loud noise can damage hearing. Predetermined construction hours should be adhered to avoid noise pollution to neighbouring properties with no work in the very early morning or late evening. PPE to be worn by construction operatives.	√		Contractor to adhere to normal construction times and investigate construction techniques for keeping noise pollution to acceptable levels. No work should occur in the very early morning or late evening. PPE to be worn by construction operatives.
25	Hazardous Materials	√		L		√			Although much care has been taken to minimize the use of hazardous materials in this building, construction personnel should be aware that many materials utilized in the construction industry may be a danger to health and safety if handled incorrectly.	√		Contractor to ensure that all construction personnel are competent and wear safety clothing at all times.
26	Heavy Structural / Prefabricated Components	√		L	√	√			Heavy prefabricated building components represent a risk of impact injury to Construction Personnel during installation. Adequate lifting equipment to be used for the installation of heavy building elements.	√		Adequate lifting equipment to be used for the installation of heavy building elements. Contractor to ensure that all plant operators hold appropriate construction skills and training cards and have the necessary experience of undertaking work in similar conditions.
27	Weather	√		L		√			Adverse weather conditions may affect the safety of construction personnel. Contractor should be aware that not all effects of weather conditions are immediately obvious, such as sun exposure, but nonetheless constitute a danger to health.	√		Adverse weather conditions may affect the safety of construction personnel. Contractor should be aware that not all effects of weather conditions are immediately obvious, such as sun exposure, but nonetheless constitute a danger to health.
28	Access for Emergency Services								Access for emergency services should be left open at all times, existing school access route to be used in cases of emergency.		√	Emergency services must be provided access all parts of the site. Contractor should outline emergency procedures and access provisions for the emergency services in the Safety Plan.

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29	Falling Objects	√		L	√	√			Working at height will increase the risk of being struck by falling objects such as building materials or equipment. Protective measures to be implemented to ensure the safety of construction operatives and the general public.	√		Working at height will increase the risk of being struck by falling objects such as building materials or equipment. Protective measures to be implemented to ensure the safety of construction operatives and the general public.
30	Lifting Equipment	√		L	√	√			Lifting equipment to be operated by skilled and experienced construction personnel and regularly maintained. Consideration must be given to locating lifting equipment in a safe area to ensure there is adequate space to operate safely and it is clear of hazards such as existing structures and services.	√		Lifting equipment to be operated by skilled and experienced construction personnel and regularly maintained. Consideration must be given to locating lifting equipment in a safe area to ensure there is adequate space to operate safely and it is clear of hazards such as existing structures and services.
31	Injury from High Powered Hand Tools	√		L		√			Contractor to ensure that protective measures are in place for the safety of construction operatives and work involving high powered tools is carried out by skilled and experienced personnel.	√		Contractor to ensure that protective measures are in place for the safety of construction operatives and work involving high powered tools is carried out by skilled and experienced personnel.
32	Work on or Adjacent to Fragile Roofing Materials	√		L		√			Extreme care should be taken when working adjacent to fragile roofing materials.	√		Extreme care should be taken when working adjacent to fragile roofing materials.
33	Working with Electricity	√		L		√			There is a danger of electrocution and fire from working with electricity. The dangers of working with electricity exist throughout the construction phase particularly when using generators and setting-up and using temporary site lighting and pumps. Risk greatest during site set up, and commissioning stages. Electrical contractor to provide relevant method statement for the specified works. Permit system to be put in place for work on live electrical circuits. Electrical works areas to be secured adequately or made safe when unattended. Only qualified RECI electricians permitted to work on installation. Refer to HSG141 for guidance on safe working practices.	√		There is a danger of electrocution and fire from working with electricity. The dangers of working with electricity exists throughout the construction phase particularly when using generators and setting-up and using temporary site lighting and pumps. Risk greatest during site set up, and commissioning stages. Electrical contractor to provide relevant method statement for the specified works. Permit system to be put in place for work on live electrical circuits. Electrical works areas to be secured adequately or made safe when unattended. Only qualified RECI electricians permitted to work on installation. Refer to HSG141 for guidance on safe working practices

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34	Working in Confined Spaces	√		H		√			Contractor to provide a Method Statement outlining the procedures for the removal of hazardous substances or recyclable materials from the buildings to be demolished with particular reference to working within confined spaces. These areas may have poor ventilation, limited lighting, uneven surfaces, high temperatures, and restricted escape routes, increasing the risk of heat stress, slips, trips, manual handling injuries, and difficulty in emergency evacuation. Operatives working in these locations must be competent and suitably trained for confined space activities, with appropriate supervision, communication systems, and emergency procedures in place. Any work in a confined space where there is a possibility of a deficiency of oxygen or the presence of dangerous gases or vapours should be accompanied by a permit and conform to regulations governing work in confined spaces.	√		Contractor to provide a Method Statement outlining the procedures for the removal of hazardous substances or recyclable materials from the buildings to be demolished with particular reference to working within confined spaces. The document should also address the issue of safely storing demolition material on site and its eventual disposal. Unless otherwise agreed, all building waste should be disposed of appropriately in registered land fill sites. Only experienced construction personnel to undertake demolition work. Demolition material to be removed from the building in an appropriate manner, i.e. not throw from a high level, and safely stored. Structures for removal to be highlighted on drawings and identified to demolition operatives prior to work commencing. Any work in a confined space where there is a possibility of a deficiency of oxygen or the presence of dangerous gases or vapours should be accompanied by a permit and conform to regulations governing work in confined spaces.
35	Working Hours	√			√	√	√		Unless otherwise instructed by the Local Authority / Employer / Employer’s Representative; demolition, site development and building works shall be carried out between the hours of 08.00 hrs to 19.00 hrs Mondays to Fridays inclusive, between 08.00 hrs to 14.00 hrs on Saturdays and not at all on Sundays. Work outside these hours may be permitted for delivery of building components to alleviate local traffic congestion / eliminate risk to the public, subject to approval by the employer’s representative.			Unless otherwise instructed by the Local Authority / Employer / Employer’s Representative; demolition, site development and building works shall be carried out between the hours of 08.00 hrs to 19.00 hrs Mondays to Fridays inclusive, between 08.00 hrs to 14.00 hrs on Saturdays and not at all on Sundays. Work outside these hours may be permitted for delivery of building components to alleviate local traffic congestion / eliminate risk to the public, subject to approval by the employer’s representative.
36	Right of Ways/ Access to Neighbouring Properties	√		H		√	√		Pedestrian access along the front boundary should be maintained and kept safe at all times. Existing access to the school should be maintained and kept safe at all times.	√		Pedestrian access along the front boundary should be maintained and kept safe at all times. Existing access to the school should be maintained and kept safe at all times.
	Maintenance											
40	Services Maintenance	√		L			√		Maintenance to be carried out by trained personnel only.	√		Maintenance to be carried out by trained personnel only.
41	Cleaning	√		L			√		Maintenance to be carried out by trained personnel only.	√		Maintenance to be carried out by trained personnel only.

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43	Falling From Height	√		H			√		The Contractor is responsible for ensuring competency of operatives through, but not limited to, relevant Health and Safety training and/or regular ‘tool box talks’ and briefings. Working from height activities must be properly planned and undertaken by trained and competent personnel using appropriate and inspected access equipment. Control measures will include the use of fall prevention systems, edge protection, secure ladder procedures, and exclusion zones to protect persons below. Where there is a risk of falling from height access will be from a safe working area and a fall prevention system – cable / harness fall restraint system.	√		Where there is a risk of falling from height access will be from a safe working area and a fall prevention system – cable / harness fall restraint system.

I / We confirm that the above risks have been assessed in accordance with the Principles of Prevention as outlined in Schedule 3 of the SHWW Act 2005 and in accordance with the SHWW (Construction) Regulations 2013.

Designer(s)

Date..... 15/05/2026

PSDP.....

Date... 15/05/2026