RISK ASSESSMENT & REGISTER

Project Location:	Ferbane Garda station Co. Offaly			Discipline	M&E
Scope of Work	Universal access works				
Date	06/02/2026	Organisation	M&E	Prepared by	John Doyle

Hazard	Class	Description	Required Site Control Measures
Demolition	M	This project contains aspects of work that will involve the demolition of existing structures. Demolition work involves many of the hazards associated with construction. However, demolition incurs additional hazards due to unknown factors such as: deviations from the structure's design introduced during construction, approved or unapproved modifications that altered the original design, materials hidden within structural members, and unknown strengths or weaknesses of construction materials. To counter these unknowns, all personnel involved in a demolition project must be fully aware of these types of hazards and the safety precautions to take to control the hazards.	Demolition must be closely supervised and carefully planned, the three main types are by mechanical mans means, by explosives and by hand.Before demolition commences a method statement must be prepared.A competent person must inspect the structure and complete an asbestos survey.If asbestos is found, a licensed contractor shall be appointed to remove and dispose to licensed landfill.Information about the building structure must be obtained prior to commencement of work. All services companies must be contacted and all services must be disconnected or diverted.Any existing floors that are used as working platform must be suitable for that purpose.Suitable PPE must be provided and used during operations.Safe distances from the structure must be established to eliminate the hazard of debris falling on workers or the public during demolition.The public and workers must be protected from falling materials by the use of properly constructed boarded fans.All employees must be competent for this work.All machines must be suitable, robust and placed in a safe working position on suitable ground.Overloading of existing floors (or any part of the structure) must not be permitted.

RISK ASSESSMENT & REGISTER

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Electricity	M	Portions of the work that will be required for this project involve working with electricity. Some of the specific risks associated with electricity include contact with live parts causing shock and burns, faults that could cause fires, fire or explosion where electricity could be the source of ignition in a potentially flammable or explosive atmosphere. All portable andtransportable equipment must be used in accordance with the Safety Health and Welfare (General Application) Regulations 2009 (Part 3 Electricity). Further guidance can be sought on maintaining portable and transportable electrical equipment documented in the Health and Safety Guidance Document 107. HS(G) 107All works involving working with electricity will be subject to a task specific risk assessment and method statement, which will be coordinated by the PSCS.Any individual working on any live electrical equipment must have someone in attendance who is fully conversant with the procedure necessary for isolation of the equipment and preferably has basic training to deal with first aid procedures covering electrical shock injuries.Switchgear and control cubicles which of necessity are left open during the service period must be cordoned off and notices supplied. This ismandatory whether the equipment is attended or not.The contractor should specify safety guidelines with respect to the following.· Working on live circuits· First aid procedures and equipment in place· Attendance by Qualified Electricians· Checking cables, equipment, tools and instruments· Use of rubber insulation mats· Use of insulated tools· Removal of fuses· Control of plant that is remotely energized - such as by BMS· Use of DANGER and CAUTION notices	Ensure detailed task specific method statements / risk assessments are completed for works involving working with electricity. Only qualified electricians must be permitted to carry out any electrical work.A lockout/ Tag out safe system of work are in operation and must be used where required.Screened cables and E.L.C.B protections must be provided where necessary.All connections to power points must be made using proper plugs.Connections to plugs must be properly made so that the cable grip holds the cable firmly and prevents the earth from being pulled out.Remember that electricity can arc over a considerable distance and can cause serious injury or death without actual contact with the cables.Any individual working on any live electrical equipment must have someone in attendance who is fully conversant with the procedure necessary for isolation of the equipment and preferably has basic training to deal with first aid procedures covering electrical shock injuries.Switchgear and control cubicles which of necessity are left open during the service period must be cordoned off and notices supplied.A physical isolation is required for work on electrical Systems.Work on live electrical systems shall be avoided.Any signs of damage to or interference with equipment, wires and cables must be checked and properly repaired.The electrical supply to powered hand tools must not exceed 110 volts.Where transformers are used must be placed at the power source. The 220 volts supply cable must be of the braided type and maximum length of the lead must not exceed two meters.

RISK ASSESSMENT & REGISTER

Oifig na nOibreacha Poiblí
Office of Public Works

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Falling from a height	M	Portions of the work will involve a significant working from a height for several elements of the project. Hazards include falling from ladders and roof, falling objects, absence of safe working platform and lack of signage.All works involving working from a height will be subject to a task specific risk assessment and method statement, which will be coordinated by the PSCS. The main contractor will ensure that all requirements of the Safety Health and Welfare at Work construction Regulations and the Safety Health and Welfare at Work (General Application) Regulations (Work at Height) are adhered to fully.The attention of the PSCS is drawn to the risks attached to working at heights with particular reference to the following :Access and egressPrevention of falls of personsPrevention of falls of materialsRemoval and lowering of redundant equipmentRaising of loadsThe contractor should note that if either standard scaffolding or design scaffolding is required that the Health & Safety Authority Code of Practice should be followed.	Ensure detailed site specific method statements / risk assessments are completed for work at height and roof-work activities, in accordance with all relevant legislative requirements, appropriate industry standards and codes of practice. Ensure provision is made in the method statements for emergency arrangements (e.g. how will personnel be rescued from heights etc)Collective fall arrest systems are required wherever practicable in preference to personal fall arrest systems. Ensure that all personnel are able to reach their place of work safely, i.e. staircases, ladders and scaffolds, and that adequate access lighting are provided to allow people to access their workplace safely.Ensure that overhead protection is provided as necessary to prevent injury from falling objects. Ensure only appropriately trained, competent personnel are authorized to carry out steel or pre-cast concrete erection activities. Roof-worker must be in possession of the appropriate FAS roof-workers CSCS card. Work at Height Equipment to be inspected regularly. GA3 Form to be completed for all working at height equipment.

RISK ASSESSMENT & REGISTER

Hazard	Class	Description	Required Site Control Measures
General Cleaning	M	General cleaning is a requirement of this project. Some of the hazardous involved include slips/trips, falling from a height, exposure to chemical agents like bleach, and general manual handling risks. All persons working on general cleaning must be made aware of the risks of the activities, as well as the best methods of minimising those risks.	All persons working on general cleaning must be made aware of the risks of the activities, as well as the best methods of minimising those risks.All work areas to be maintained in a clean and orderly state including waste bins, cleaning equipment, storage areas, etcAll materials on site will be stored in designated areas with stacking arrangements supervised by a competent person.Hazardous substances will be stored, transported and used safely and will only be stored in properly labeled and approved containers in designated areas.All floor and access ways must be kept clear at all times and must be regularly cleaned and kept firm and level. Walkways must be kept clear of any slips hazards such as oil, ice, snow etc.Suitable and Sufficient lighting must be provided at all storage locations and along access routes. The lighting must be maintained on an ongoing basis and any defects corrected without delay.Material or equipment must never be thrown down from a height. Toe boards or other suitable protection must be provided to prevent tools, equipment or materials from falling from a height.No waste shall be allowed to accumulate on site. No rubbish will be burnt on site. Harmful / toxic waste must be stored and disposed of in accordance with the statutory provisions.Waste food shall be stored in sealed containers and will not be thrown around site, as it will attract vermin.Welfare facilities must be kept clean and inspected on a regular basis.

RISK ASSESSMENT & REGISTER

Hazard	Class	Description	Required Site Control Measures
Ionising Radiation	M	Portions of the work that will be required for this project involve working with ionising radiation including Radon. Ionising radiation is a known carcinogen and can have adverse affects to an individual's health. All necessary precautions should be taken with regards to PPE and regulation outlined by the Safety, Health and Welfare at Work regulations.	A risk assessment must be carried out before starting any new activity with ionising radiation.Ensure that doses of ionising radiation are kept as low as reasonably practicable.Limit the time employees spent in an environment where radiation is being used.Ensure adequate records are kept of the acquisition, use and disposal of all radioactive substances.Ensure that security of radioactive substances remains a priority.Provision of training, information and instruction to cover the fundamental and routine requirements in order to work with ionising radiation (e.g. the risks, effects and sources of radiation, dose limits, need for designation of classified persons, maintaining dose and health records, monitoring of areas and provision of local rules). Equipment that is used to be well maintained in accordance with instructions to help to lessen the exposure of employees.PPE to be worn by persons who may be exposed to ionising radiation. This includes but is not limited to: · Protective clothing, e.g. laboratory coats, gloves, overshoes, · Goggles/ safety-spectacles/full face shield. · Specialised protective clothing, e.g. lead aprons, thyroid collars · Respiratory protective equipment (RPE), e.g. face masks and respiratorsConsider the use of lead screen to protect the brain.Avoid exposing pregnant women to ionising radiation. Ensure that a regime of audit and inspection is carried out by a competent person.Ionisation smoke detectors must not be disposed of in general refuse or mixed waste streams.Ionisation smoke detectors should be returned to the original supplier, according to the branding indicated on the units. This can be done either by the commercial end-user or the contractor carrying out the refit.Transport must be undertaken in compliance with the current editions of the ADR for Road Transport and the IMO IMDG Code 14 for transport by sea.

RISK ASSESSMENT & REGISTER

Oifig na nOibreacha Poiblí
Office of Public Works

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Occupied building	M	The construction works shall be carried out in an occupied building. Anyone who may be in or near the area of work should be briefed on the specific risks that they may encounter and alerted to the duration of said risks.	Anyone who may be in or near the area of work should be briefed on the specific risks that they may encounter and alerted to the duration of said risks.Where possible works should be completed out of hours taking into account the normal working hours of the building occupants.Additional PPE should be made available for any persons that may be exposed to the construction related work activities occurring. A clean as you go Policy must be used at all times as poor housekeeping may expose personnel to hazards such as slips, trips and falls. Barriers and Safety Signage to be placed around works to prevent unauthorised access.

RISK ASSESSMENT & REGISTER

Hazard	Class	Description	Required Site Control Measures
Work on or near existing structures	M	Work that will be carried out for this project will involve the risk of undermining existing structures. It is important that the relevant safety measures are followed in assessing and dealing with the dangers. Make sure excavations do not affect the footings of scaffolds or the foundations of nearby structures. Walls may have very shallow foundations that can be undermined by even small trenches.Decide if the structure needs temporary support before digging starts.Surveys of the foundations and the advice of a structural engineer may be needed.If shoring support is required, it should be installed in such a way that the stability of the structure is not compromised at any stage of the installation/excavation process.It is important that the relevant safety measures are followed in determining the size, location, type of number of any cores or opes that will be required.	Ensure excavations do not undermine the footings of scaffolds, buried services or the foundations of nearby buildings or walls. Walls may have very shallow foundations which can be undermined by even small trenches, causing walls to collapse onto those working in the trench. Before digging any trench, tunnel or other excavations, decide what temporary support will be required and plan the precautions to be taken. Ensure the equipment and precautions needed (trench sheets, props, baulks etc) are available on site before works starts. If shoring support is required, it should be installed in such a way that the stability of the structure is not compromised at any stage of the installation/excavation process.Prior to proceeding with any excavation, assess the risks and consider the need for temporary shoring to support the ground, even in excavations as shallow as 1.0m. Precautions to be taken during the installation of the shoring to ensure the stability of the structure are not compromised. Battering the excavations sides to a safe angle of repose may also make the excavation safer. Do not park plant and vehicles close to the sides of excavations. The extra loadings can make the sides of excavations more likely to collapse. A competent person who fully understands the dangers and necessary precautions should inspect the excavation at the start of each shift. Excavations should also be inspected after any event that may have affected their strength or stability, or after a fall of rock or earth. Maintain a record of inspections, complete AF3 Form and any faults that are found should be correctly immediately. Surveys of the proposed cores and opes and the advice of a structural engineer may be needed.

RISK ASSESSMENT & REGISTER

Oifig na nOibreacha Poiblí
Office of Public Works

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Notes:

1. The above assessment is based on the information available at the time of compiling. It is provided for guidance only and is not fully intended to be fully comprehensive in respect of detail.

2. This assessment does not release any other party of the construction team of their responsibilities on site or in the preparation of Documentation for Health and Safety related issues

CLASS
VH = VERY HIGH
H = HIGH
M = MEDIUM
L = LOW

Job No: B1289/21/0001