

TOBIN

Refurbishments & Extension at Cape
Clear Heritage Centre at Oileán
Chléire, Co. Corcaigh

Preliminary Safety and Health Plan



Údarás na
Gaeltachta

BUILT ON KNOWLEDGE

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1. INTRODUCTION

1.1 PRELIMINARY SAFETY AND HEALTH PLAN

This Preliminary Safety and Health Plan has been prepared in accordance with the Safety, Health and Welfare at Work (Construction) Regulations 2013, and the “Guidelines on the Procurement, Design and Management Requirements of the Safety Health and Welfare at Work (Construction) Regulations 2013. The Project Supervisor Construction Stage (PSCS) shall develop the Safety and Health Plan in accordance with S.I. 291 of 2013: Safety, Health and Welfare at Work (Construction) Regulations 2013. This Preliminary Safety and Health Plan is provided in accordance with Regulation 12 of these Regulations.

This Preliminary Safety & Health Plan has been prepared as part of the Contractor documentation for this contract.

1.2 PROJECT SUPERVISOR DESIGN PROCESS

The Project Supervisor for the Design Process for the “Replacement of Existing Culvert” is TOBIN appointed in accordance with the provisions of S.I. 291 of 2013: Safety, Health and Welfare at Work (Construction) Regulations 2013.

1.3 PROJECT SUPERVISOR CONSTRUCTION STAGE

The Project Supervisor Construction Stage (PSCS), unless specifically noted otherwise, shall be the main Contractor who will be appointed in accordance with the provisions of S.I. 291 of 2013: Safety, Health and Welfare at Work (Construction) Regulations 2013. The PSCS has not yet been appointed

2. TEAM DETAILS

2.1 CLIENT

Name: Údarás na Gaeltachta

Address: Údarás na Gaeltachta, Páirc Ghno an Daingin, Daingean Uí Chúis, Co. Chiarraí

Contact Name: Conall Mac Gearailt

Tel: +353 66 50100

E-Mail: cmg@udaras.ie

2.2 PROJECT SUPERVISOR DESIGN STAGE

Name: TOBIN

Address: Fairgreen House, Fairgreen Road, Galway

Contact Name: Shane Byrne

Tel: +353 91 565211

E-Mail: shane.byrne@tobin.ie

2.3 PROJECT SUPERVISOR CONSTRUCTION STAGE

Name: TBC

Address: TBC

Contact Name: TBC

Tel: TBC

E-Mail: TBC

3. PROJECT DESCRIPTION

3.1 GENERAL

This section is included for information only and does not form part of the Contract. The full scope of works, and the obligations of the Contractor, is to be ascertained by reference to the full set of Contract Documents.

The purpose of this project is the Refurbishments & Extension at Cape Clear Heritage Centre at Oileán Chléire, Co. Corcaigh

3.2 DESCRIPTION OF THE WORKS

The works will include:

- Internal building modifications
- Construction of an extension
- Installation of a packaged Wastewater Treatment System and all Associated works
- Upgrade of surface water system
- Upgrade existing access with new surfacing
- Construction of a foul sewer
- Installation of fencing

The following is a detailed description of the scope of works. The Contractor shall refer to the relevant discipline's drawings and specifications for greater detail of the scope of works involved and below shall be read in conjunction with the other Works Requirement Documents and Contract Drawings.

The complete set of civil tender drawings include the following:

Drawing Number	Drawing Title
12085-6100	Site Location Map
12085-6101	Site Layout Plan
12085-6102	Site Layout Plan
12085-6104	Drainage Site Layout Plan
12085-6108	Polishing Filter Details
12085-6109	Pumping Station Section
12085-6110	Rising Main Details
12085-6111	Signage Details Map
12085-6112	Proposed Demolition Plan

3.3 EXISTING SAFETY FILE

At the time of preparing this document there is no Safety File available for any of the existing site. All that is available at this stage are the details provided by the Design Team in the tender documents. The contractor should implement 'Dial before You Dig' protocols, and subsequently carry out all appropriate on-site safety methodologies, including scanning (Cat and Jenny etc.) and hand dig exploration where appropriate.

Information provided as part of the tender documentation include the utility survey information, topographical survey.

4. TIME FOR COMPLETION

This 'Time for Completion' is an estimate of the time, within which the design team, together with the PSDP, consider that it should be feasible for competent contractors to complete the works safely, provided they allocate sufficient and suitable resources. Although the design team and PSDP have a reasonable understanding of the likely methods that will be used to carry out the works, they do not have expertise in the means, methods and procedures of construction, which competent contractors, experienced in the construction of these types of works, possess. The designers or the PSDP will not exercise control in any way either on the resources to be made available by the contractor or the management, planning, supervision etc. of the works themselves.

The project design team who are experienced in projects of a similar scale and scope have discussed the proposed programme with the contractor. Following these discussions, the design team concluded that 66 working days (3 months) is an adequate time scale for a competent contractor, with experience in this type and scale of project to complete the project works safely. The design team conclusions are based on the discussions mentioned above, the efficient application by the contractor of adequate and appropriate resources / personnel, machinery and equipment, and the use of suitable systems of planning, managing and carrying out the works. This assumes that there will be no hold up in the carrying out of the works for any reason whatsoever.

This time basis shall have no contractual standing whatsoever.

The PSCS and Contractor shall confirm that they consider that the Time for Completion specified here is a reasonable time within which to complete the project works safely. Alternatively, if the PSCS and Contractor consider that it is not feasible to safely complete the project works within the above-specified time, the Contractor shall indicate a time within which they consider it will be feasible to safely complete the project works.

The project schedule should in no way affect the Safety, Health and Welfare of those persons involved in the project to meet its requirements. It is the responsibility of the Project Supervisor for the Construction Stage (PSCS) to advise whether this timescale is achievable with respect to Health, Safety and Welfare considerations.

5. SAFETY MANAGEMENT

The following Section outlines how the PSDP envisages all Health and Safety aspects of the project will be managed and co-ordinated.

5.1 CLIENT

The Client shall fulfil all duties in accordance with the Safety, Health and Welfare at Work (Construction) Regulations, 2013 and the HSA's publication 'Client in Construction Best Practice Guidance' which will include but not limited to the following:

- Appoint a competent PSDP in writing. (completed)
- Supply all relevant Safety Files and safety information to the PSDP for inclusion in the Preliminary Health and Safety Plan. (completed).
- Appoint a competent PSCS in writing – On appointment / award of Contract.

5.2 PROJECT SUPERVISOR FOR THE DESIGN PROCESS (PSDP)

The person appointed by the client to co-ordinate the health and safety aspects of the project's design at the planning stages, including the preparation of the Preliminary Safety & Health Plan and the Safety File.

5.3 PROJECT SUPERVISOR FOR THE CONSTRUCTION STAGE (PSCS)

The person appointed by the client to manage the construction work, control, co-ordinate and implement the health and safety requirements during the construction phase. Provide all necessary information to the PSDP to complete the Safety File.

5.4 CONTRACTOR / SUB-CONTRACTOR

Any person engaged by the PSCS / Main Contractor to carry out construction works under the direction of the PSCS / Main Contractor.

5.5 DESIGNERS

Any person who carries on a trade, business or other undertaking in connection with which he (a) prepares a design, (b) arranges for any person under his control to prepare a design, relating to a structure to be erected by a competent Contractor.

5.6 SAFETY OFFICER

The person(s) appointed, in accordance with Regulation 26 of the Safety, Health and Welfare at Work (Construction) Regulations 2013, to advise the Contractor(s) as to the observance of statutory

requirements, exercise a general supervision of the observance of the statutory requirements, and the promotion of the safe conduct of work generally.

5.7 SITE SAFETY REPRESENTATIVE

The person appointed / elected in accordance with Regulation 23 of the Safety, Health and Welfare at Work (Construction) Regulations 2013, who may obtain safety information from the PSCS, make representations to the PSCS or Contractor(s) on site, investigate accidents & dangerous occurrences, make representations to HSA Inspectors, carry out safety inspections, investigate potential hazards and complaints, and accompany HSA inspectors whilst they are on site.

5.8 SAFETY OBJECTIVES

The Safety, Health and Welfare at Work (Construction) Regulations 2013 places duties on Clients, Designers and Contractors with respect to health, safety and welfare provisions, to ensure that they are coordinated and managed effectively throughout all stages of the construction project.

This Preliminary Safety & Health Plan sets out to endeavour that the Project is managed and constructed in a safe manner and complies with current legislation. The PSCS is under a legal duty to implement and update, as required by changes in design or circumstances, the Construction Stage Safety & Health Plan throughout the Project lifetime.

5.9 SAFETY CO-ORDINATION DURING PROJECT

Details of construction hazards, hazardous materials, and hazardous work methods or sequences which remain after the design process, that pose a particular risk to persons during the construction stage are documented in Section 8.0 and 9.0 of this Preliminary Safety & Health Plan. Copies of Designer's Risk Assessments are appended to this safety and health plan.

5.9.1 Temporary Works

The PSCS / Main Contractor for the works must provide and maintain all necessary temporary work supports including associated Method Statements and is responsible for the design of all such temporary work support. Temporary works may include such items as formwork, trench shoring / supports, etc.

The PSCS / Main Contractor must prepare a schedule of Temporary Works for the project. This schedule shall be reviewed by the PSDP on an on-going basis throughout the project. Persons who make decisions on site in respect of these may be deemed to be designers.

The Contractor is required to appoint a competent Temporary Works Designer, details of whom must be submitted to the PSDP / Employers Representative for review and approval.

The Contractor / PSCS must ensure the following process is in place:

- The Temporary Works Design Engineer develops The Temporary Works Design.
- The Temporary Works Design Engineer issues a Temporary Works Design Certificate.

- The Permanent Works Engineer ensures the Temporary Works Design is not in conflict with The Permanent Works Design and is to the appropriate standard and signs off on The Temporary Works Design Certificate.
- A Site Plan indicating the exact locations of the temporary works on the site is provided to the PSDP
- The PSDP signs off on The Temporary Works Design Certificate when the process is in place.

Unless otherwise noted elsewhere, the PSDP and Permanent Works Designers envisage, and have assumed, that contractors will use only standard proprietary design systems for temporary works (including temporary access, temporary guarding/ rails, trench support etc.). The PSDP and Permanent Works Designers have assumed that all such systems will be used strictly in accordance with the manufacturers design, installation and demobilisation instructions, under the coordination of the PSCS.

If a contractor proposes to use any bespoke or specially designed temporary works system specifically for this project, the contractor shall inform the PSDP, the PSCS and any Permanent Works Designer whose designs may be affected by that element of temporary works. The contractor shall ensure that the Temporary Works Designer contacts the PSDP and relevant Permanent Works Designer prior to carrying out any such temporary works design.

The below is a non-exhaustive list of examples of (but not limited to) Temporary Works Designs which require the Designer to issue a Temporary Works Design Certificate to the Project Supervisor for Design Process prior to their implementation:

Hoarding	Temporary Anchors	Scaffold Design
Heavy Duty Landing Platform	Temporary Propping	Trench Shoring and/or Piling
Formwork Design (Wall & Column, falsework, soffit)	Forming openings in Masonry Walls	Underpinning of Foundations
Net Systems	Tower Crane Base	Gangways
Temporary Traffic Management	Temporary Services (Electrical/Sewer/Water)	Access Stairs/Ladders
Working Platforms	Plant with outriggers placement (Boom Pumps / Mobile Cranes / Piling Rig)	Lifting Plan

Proprietary Systems does not require a Temporary Work Design Certificate, but the manufacturer documentation should still be provided to the PSDP and Permanent Works Designer for review.

5.9.2 Design Changes

During the construction phase the PSCS is to inform the PSDP of:

- Any unforeseen eventuality resulting in a substantial design change
- Any proposal to depart from the principles set out in the Preliminary Safety and Health Plan
- Any change to information for inclusion in the safety file

- The PSCS / main Contractor will be required to agree with the PSDP proposals and changes, such as described above and to the extent that they affect design, prior to their implementation.

5.9.3 Communication Procedures

Health and Safety shall be an item on the project / site meeting agenda. All team members must have a person nominated as Health and Safety co-ordinator for their element of work. The Client or clients' representative will meet with the Design Team / PSCS / Main Contractor and relevant Contractors on a basis as agreed between all relevant parties.

All communications relating to health and safety matters must be circulated to the nominated PSDP and PSCS.

The PSCS is required under Regulation 22 of the Safety, Health and Welfare at Work (Construction) Regulations 2013 to give advanced notification to the Safety & Health Authority prior to commencement of the construction works on site.

5.10 SAFETY FILE

The PSCS / Main Contractor shall forward the Safety File on a preliminary basis prior to the substantial completion date. This shall contain in writing all information, relevant to any future construction or demolition, and the safe maintenance/ repair/ replacement of any elements, including any information from the final version of the Safety and Health Plan that could be relevant to future maintenance or construction. The PSCS shall decide to ensure that, all contractors (including main, domestic, nominated and specialist subcontractors) on the project provide all information necessary for completion of the Safety File on an ongoing basis throughout the project and well in advance of practical completion.

A digital folder structure will be made available to the Contractor at the start of the works which shall be updated on a weekly basis during the works for all works elements undertaken.

Contents of the Safety File shall include:

- Detailed description of the project.
- Details of Project Team (Client, PSDP, Designers and Contractors) including contact details.
- List of all Suppliers, and Products/ Materials used.
- Final Construction Drawings and Fabrication / Shop Drawings, produced and used throughout the construction process (amended by the contractor as necessary if actual construction deviated from the design drawings), including site layout, all associated site works, landscaping, boundaries / gates, and interfaces / connections to all public utilities.
- Final Specifications, produced and used throughout the construction process.
- Bills of Quantities, produced and used throughout the construction process.
- The general design criteria and principles adopted.
- Any restrictions / limitations, including access for machinery etc., identified by the designers during the design process in relation to safe maintenance, repair, replacement, demolition or future construction.
- Details of the equipment and the maintenance facilities forming part of the works.
- Safe maintenance procedures and requirements for the works.

- Manuals, and where appropriate certificates, produced by specialist contractors and suppliers which outline operating and maintenance procedures and schedules for any plant and equipment installed as part of the works.
- Copies of relevant photographic and video material of construction including progress photographs (particularly of hidden services / utilities) indexed and collated by date and work element.
- All test results and certificates.
- All relevant product / material datasheets for all products / materials.
- Copies of all product warranties, guarantees and maintenance agreements
- Identification of all underground utilities (including existing pre-contract amended as necessary) – location and description
- Any temporary works left in place on completion.
- Other relevant information which, in the opinion of the PSCS, should be included in the Safety File.
- Any sections of the Safety and Health Plan relevant to future maintenance or construction; and
- Contact details of all suppliers.

The PSCS and Contractor shall have a procedure in place for gathering all information from all involved for including this in the Safety File.

Safety File Template Structure

Project Title				Prepared By	LMG
Project Stage	Stage 5 Handover	Rev	A	Checked By	
Project Number				Date	
Section	Description			Progress Status	Comments
1.0	Project Particulars				
1.1	Project Description				
1.2	Project Team				
1.3	Materials & Suppliers List				
2.0	Drawings				
2.1	As-built Drawings				
2.2	Architectural (Final Construction Issue)				
2.3	Building Services (Final Construction Issue)				
2.4	Civil & Structural (Final Construction Issue)				
2.5	Specialist Drawings				
3.0	Specifications & Surveys				
3.1	Architectural				
3.2	Civil & Structural				
3.3	Mechanical & Electrical				
3.4	Other				
3.5	Site Investigations				
4.0	Health & Safety				
4.1	AF1 & AF2				
4.2	Construction Stage Safety & Health Plan				
4.3	Designers Risk Assessment / Permanent / Temporary Works Design Certs				
4.4	Other Relevant Health & Safety Plan				
4.5	Preliminary Health & Safety Plan				
4.6	PSDP Handover Letter				
5.0	Statutory Approvals				
5.1	BCAR Certification				
5.2	Disability Access Certificate				
5.3	Fire Safety Certificate				
5.4	Opinion on Compliance				
5.5	Planning				
5.6	Other Relevant Information				
6.0	Technical Data				
6.1	Building Components				
6.2	Certification & Warranties				
6.3	Civil Works				
6.4	Electrical Services				
6.5	Mechanical Services				
6.6	Structural Works				
6.7	Other				
7.0	O&M Manuals				
7.1	M&E Installations O&M Manuals				
7.2	Other O&M Manuals				

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6. SITE RESTRICTIONS / CONSIDERATIONS

This section is included for information only and does not form part of the Contract. The full details on site restrictions / considerations, and the obligations of the Contractor, is to be ascertained by reference to the full set of Contract Documents.

The PSCS should have an integrated approach to safety and health on site so that all contractors involved work together to ensure the safety of all workers on the site. This involves co-coordinating the activities of all contractors throughout the duration of the contract. Bringing about co-ordination and co-operation between contractors is an ongoing task throughout the project, which should be addressed and reviewed at site meetings and should include the following:

- Emergency arrangements and procedures (e.g., fire, including means of escape and first aid provisions).
- Coordinating the work of contractors to minimise the effect of one activity on another from the point of view of safety and health.
- Giving the contractors relevant safety and health information relating to the project.

All site personnel / visitors must be made aware of the Emergency Plans on arrival to the site. Contractor to ensure that emergency services can access all areas of the site.

Under no circumstances will vehicles be allowed to park on public roads or hard shoulders at the site or the accesses to the site in a manner that compromises the safety of other road users or pedestrians.

6.1 WORKING HOURS

Exact Working times to be agreed with the client and employers representative following submission of the contractors detailed programme of works. The contractor shall provide for all lighting requirements and plant required in the event of night works.

08.00am – 06:00pm MONDAYS TO FRIDAY

Saturday subject to agreement

No Sunday or Public Holiday working will be permitted except with the prior written authority of the Client.

6.2 GENERAL SITE RULES

The Contractor shall be responsible for the security of the site. They must adequately safeguard the site, the works, products, materials arising, plant and any existing buildings affected by the Works from damage, theft and trespass. The Contractor must take all reasonable precautions to prevent unauthorised access to the site, the works, and adjoining properties.

The works area is to be securely fenced off for the duration of the works. The Contractor shall make the site safe on completion of works.

The PSCS / main Contractor is to ensure noise / dust / vibrations are kept to a minimum, so far as is reasonably practicable. Noise emissions on site must comply with the Safety, Health and welfare (General Applications) regulations 2007.

The PSCS / main Contractor must take all necessary provisions to protect the public, site and delivery personnel including but not limited to the following:

- (a) The PSCS / main Contractor must ensure that the work area is properly hoarded off to prevent any unauthorised access and to protect the public from the activities on site.
- (b) The PSCS/ main Contractor must provide safe access routes to the existing facilities always adjoining the site.
- (c) The PSCS / main Contractor must ensure that all debris and materials are disposed of to a registered landfill site or other designated area.
- (d) The PSCS / main Contractor must ensure that before any works takes place the area is scanned for underground cables and services.
- (e) The PSCS / main Contractor must ensure that there is an exclusion zone area in operation around all crane operations and a competent banksman is present for all lifts on site.
- (f) All visitors to the site must report immediately to the site office or to the PSCS / main Contractor on site and adhere to the health and safety requirements of the main Contractor and general site rules.
- (g) All personnel / visitors to the site must wear the correct personal protective equipment.
- (h) All personnel commencing work, on site, must receive a site safety induction from the PSCS / Main Contractor.
- (i) No information is available on the locations of existing services within the site. The Contractor should implement 'Dial before You Dig' protocols and subsequently carry out all appropriate on-site safety methodologies.
- (j) The Contractor shall ensure appropriate welfare facilities are provided for the Works.

All arrangements regarding security, emergencies, access restrictions should comply with the requirements in the tender documents. It is critical that the contractor liaises closely with the Client and other landowners, regarding all these matters, and such liaison should be well in advance of commencement on site. The contractor/PSCS shall prepare a plan setting out these arrangements and provide these, in advance of commencement, for information purposes only, to the Client, the Design Team and the PSDP. Notwithstanding such provision of plans and liaison, all arrangements and implementation shall remain entirely the contractor/PSCS responsibility.

The contractor/PSCS shall ensure that access to any premises (including fire hydrants) is not compromised at any time for emergency vehicles or personnel, including fire tenders, ambulances etc.

7. PARTICULAR RISKS

The following comprises of information that was known or reasonably foreseeable at the time of preparation of this Plan, concerning Works, which involve any of the Particular Risks set out in Schedule 1 of the Safety, Health and Welfare at Work (Construction) Regulations 2013.

As PSDP and under our duties under the Safety, Health and Welfare at Work (Construction) Regulations 2013, we have reviewed Design Risk Assessments prepared by all Designers relevant to the project and identify the risks below. In addition, we have flagged hazards / risks associated with the construction of the works, so that these can be eliminated if possible, or if not, reduced as far as is reasonably practicable, with information on any residual risks to be passed onto the PSCS / Contractor so that these residual risks can be controlled on site. The Contractor should refer to the HSA Codes of Practice(COP) which are available on the [HSA website](#) and hyperlinks are available in the name below where specific name of code or guidance document is referenced. We append to this Report (Appendix 1), Designers Risk Assessments sought by the PSDP and presented by the Designers.

TOBIN must emphasise the requirement for PSCS and contractors who must deal with, and control, all residual risks from the design stage; risks arising from their own works on site and risks arising during construction, to carry out their own definitive risk assessments ab initio for that purpose.

7.1 WORK WHICH PUTS PERSONS AT RISK OF: FALLING FROM A HEIGHT; BURIAL UNDER EARTH FALLS; OR ENGULFMENT IN SWAMPLAND, WHERE THE RISK IS PARTICULARLY AGGRAVATED BY THE NATURE OF THE WORK OR PROCESSES USED OR BY THE ENVIRONMENT

7.1.1 Falling from a Height

The contractor shall erect compliant scaffolding with certified ties, full guardrails, toe-boards, and safe access. Conduct statutory inspections, maintain exclusion zones, use fall-arrest systems where required, control weather exposure, and appoint trained supervisors. All measures must align with HSA Codes of Practice for roof work and scaffolding.

7.1.2 Burial Under Earthfalls

The contractor shall install edge protection and continuous guardrails to all excavation perimeters, provide trench boxes or engineered shoring, and maintain controlled access with banksmen. Inspect working platforms daily, restrict plant on steep or soft slopes, implement a fall-rescue plan, and suspend operations during adverse weather or ground instability notifications.

7.2 WORK NEAR HIGH VOLTAGE POWER LINES

Due to the potential presence of existing underground services within the work area, it will be necessary for the Contractor to take all necessary safety measures to ensure that the risk of



electrocution is eliminated. The contractor must ensure that all existing services are located and marked prior to works commencing where not already done so by Client. All operatives are to be made aware of the potential hazard. The locations of all services/cables encountered during the works are to be included in the Safety File.

The contractor is advised to conduct their own investigations to confirm the existence of services on the project.

All existing services must be marked out and made easily identifiable by workers. All known, new and encountered services are to be form part of the safety file. All as built information on underground and overhead services are to be included in the final safety file. The contractor is reminded to comply with the recommendations contained in the HSA Code of Practice for "[Avoiding Danger from Underground Services](#)", and those contained in the Code of Practice for the "[Avoidance of Danger from Overhead Electricity Lines](#)".

7.3 WORK EXPOSING PERSONS AT WORK TO THE RISK OF DROWNING

The contractor should put suitable fall protective measures in place to every accessible part of an excavation near to which persons are working and where persons could fall ensuring they are either fenced or securely covered unless fencing is not present to allow access of persons/equipment. Excavations should not be left open longer than required and any stagnant water to be pumped from open excavations.

7.4 WORK INVOLVING WELLS, UNDERGROUND EARTHWORK'S AND TUNNELS

The contractor shall operate a full confined-space permit system with pre-entry gas testing for oxygen, flammable, and toxic atmospheres, continuous monitoring, mechanical ventilation, and lockout of inflows. Provide a trained standby rescue team, retrieval equipment, communications checks, timed entry durations, and emergency drills, with a supervisor controlling entrants and documentation.

7.5 WORK INVOLVING THE ASSEMBLY OR DISMANTLING OF HEAVY PREFABRICATED

The contractor shall appoint an Appointed Person to produce a lift plan, inspect rigging, and define exclusion zones. Provide crane mats or certified platforms with verified bearing capacity, enforce wind limits, use tag lines, and deploy a lift supervisor and banksmen. Conduct pre-lift briefings, test lifts, and suspend operations if weather or ground conditions degrade.

7.6 ACCESS FOR EMERGENCY SERVICES

The contractor shall maintain a clear emergency carriageway width and turning areas, coordinate phasing with the Traffic Management Plan, and install conspicuous signage. Deploy traffic marshals during peak operations, keep access gates unobstructed, and test emergency

routes weekly. Record times to site, update inductions, and escalate any blockage immediately to the site manager.

7.7 SITE SECURITY

The contractor shall install secure perimeter fencing with locked gates, controlled entry, and warning signage, and maintain a visitor log. Provide night lighting and CCTV if risk warrants, conduct out-of-hours patrols, and promptly repair breaches. Segregate public footpaths, prohibit unauthorised access to plant, and brief crews on public interface procedures and reporting.

7.8 WORKS WHICH PUT OPERATION AND MAINTENANCE STAFF AT RISK DURING ONGOING OPERATION AND MAINTENANCE ACTIVITIES

The contractor shall install and verify permanent access features, provide temporary edge protection until handrails are complete, and keep inspection platforms free of slip hazards. Where traffic proximity exists, implement barriers and marshals. Test access equipment, record defects, and update the Safety File with photographs and commissioning certificates.

7.9 WORKS WHICH PUT PERSONS AT RISK DURING PLACING OF CONCRETE

The contractor shall implement engineered formwork with independent checks, conduct pre-pour inspections, control slump, and avoid pours during heavy rain or flooding risk. Provide cement PPE, eye wash stations, and spill containment for pump lines. Manage vibration carefully, prevent washout to water, and record pour and curing conditions for quality assurance.

7.10 WORKS WHICH PUT PERSONS AT RISK DURING DEMOLITION ACTIVITIES

The contractor shall produce a detailed demolition sequence, isolate utilities, and establish exclusion zones with physical barriers and lookouts. Use remote or machine-based breaking where prudent, manage dust with water suppression, and monitor vibration at sensitive receptors. Stop works if readings exceed limits and adjust methods under supervision.

8. CONCLUSIONS ON NON-SCHEDULED PARTICULAR RISKS

The following comprises information that was known or reasonably foreseeable at the time of preparation of this Plan, concerning the categories of Non-Scheduled Particular Risks arising out of Designer Safety Assessments. Refer to Appendix 1 of this report for detailed Designer Risk Assessments. Detailed Method statements are required from the contractor for all works before any works take place and the Contractor / Operator must be aware of any residual risks.

The key hazards/risks identified by the designers, and excluding the generic routine site risks, and the decisions made by them during the Pre-Contract Design Process, include the following and these have been addressed in their Designer's Safety Risk Assessments. As Health and Safety Co-ordinator, TOBIN has organised co-operation between the designers and ensured coordination of the designers' activities, taking account of the General Principles of Prevention:

8.1 SITE SECURITY

The Contractor shall be responsible for the security of the site. They must adequately safeguard the site, the works, products, materials arising, plant and any existing buildings affected by the Works from damage, theft and trespass. The Contractor must take all reasonable precautions to prevent unauthorised access to the site, the works, and adjoining properties.

The works area is to be securely fenced off for the duration of the works. The Contractor shall make the site safe on completion of works.

8.2 SITE ACCESS

Access to the site and circulation within the site are shared with a number of other road users and visitors along the local road. Care must be taken to ensure that the existing and construction vehicular movements do not pose an increased hazard to both the park visitors/staff and construction staff.

The Contractor must consider Construction vehicle movements onsite and when entering/leaving, in terms of the nature of sightlines available. The Contractor must also consider the width of the existing roadway together with access needs of Pedestrians.

9. DESIGN PROCESS TRAFFIC MANAGEMENT

Access and Traffic Management requirements will be as outlined in the Contract Works Requirements. As noted, it will be a matter for the tendering contractors to have visited the site during their tender preparation to assess safe access and movement around the site.

The Contractor shall comply with the requirements of:

- Department of Transport Temporary Traffic Management Suite:
 - [“Traffic Signs Manual – Chapter 8 – Temporary Traffic Measures and Signs for Roadworks”](#) Department of Transport, August 2019
 - [“Temporary Traffic Management Design Guidance”](#) Department of Transport, August 2019
 - [“Temporary Traffic Management Operations Guidance”](#) Department of Transport, August 2019
 - 1. Part 0 - [“Introduction and Background”](#)
 - 2. Part 1 - [“Level 1 Roads. Urban and Low Speed Roads”](#)
 - 3. Part 2 - [“Level 2 Roads. Rural Single Carriageway Roads”](#)
 - 4. Part 3 - [“Level 3 Roads. Dual Carriageways and Motorways”](#)
- [Guidance for the Control and Management of Traffic at Roadworks \(2nd Edition\)](#) – Department of Transport, NRA and Local Government Management Services Board, October 2010.
- [Guidelines for Working on Roads](#) HSA Publication
- HSA Code of Practice [“Working on Roads – For Contractors with Three or Less Employees”](#)
- Roads Acts and Roads Traffic Acts and Regulations.
- Safety, Health and Welfare at Work Act and Regulations

10. ANY OTHER RELEVANT SAFETY INFORMATION

The PSCS shall provide the Project Supervisor for the Design Process with the following:

- a) A live register of Risk Assessments/Method Statements should be regularly provided to the Project Supervisor for Design Process (for example in a monthly report)
- b) The information required above shall be provided to the Project Supervisor for the Design Process at least 2 days prior to commencement of activities to which the information relates

All contractors on site must ensure that all personnel involved are made aware of the need to comply with safe working practices.

All Contractors on site will be required to submit a Safety & Health Plan covering the duration of the contract and a specific person shall be nominated by each contractor to act as a Safety Officer for their element of the works.

The Safety & Health Plan shall include the following information, at a minimum:

- a) Name of Safety Officer and coordinator
- b) Procedures for briefing all personnel on health & safety matters
- c) List of protective equipment and clothing to be provided
- d) List, with locations, of health & safety notices and posters to be displayed
- e) Description of site welfare and accommodation provisions
- f) Precautions to be taken against specific risks
- g) List of telephone numbers for all local emergency services including doctors, hospitals, Gardaí and the fire authority
- h) Procedures for recording in a Register all incidents relating to Health & Safety in the course of the works.

Compliance with the above specification does not absolve the Contractors under their statutory obligations including the Safety, Health & Welfare at Work Act 2005, the Safety, Health & Welfare at Work (General Application) Regulations 2007 or the Safety, Health & Welfare at Work (Construction) Regulations 2013 or any amendment thereof.

All contractors on site shall include in their Safety and Health Plan details of the first aid facilities to be provided, including the location of any first aid facilities, and the provision of suitably trained personnel.

Documents to be read and observed in conjunction with this Preliminary Health and Safety Plan are as follows:

- i) The Safety, Health and Welfare at Work Act 2005 (Commencement) Order 2005 (S.I. No. 328 of 2005)
- j) Safety, Health and Welfare at Work (Construction) Regulations 2013 (S.I. No. 291 of 2013)
- k) Safety, Health and Welfare at Work (General Application) Regulations 2007 (S.I. No. 299 of 2007)
- l) Guidance for the control and management of traffic at road works as published by Department of Transport in October 2007
- m) A Guide to Safety in Excavation Published in March 2004 and revised in January 2007 by the Health

- n) and Safety Authority
- o) HSA Code of Practice for Avoiding Danger from Overhead Electricity Lines
- p) HSA Code of Practice for Avoiding Danger from Underground Services

11. NOTIFICATION OF CONDITIONS ON SITE BY PSCS

If during construction, the PSCS becomes aware of any changes or unforeseen conditions that could affect the works and their safe implementation, the PSCS should notify the PSDP of these as soon as practicable.

Appendix A DESIGNER RISK ASSESSMENTS

Designer's Assessment of Risk (DAR)														TOBIN CONSULTING ENGINEERS	
Project Title	Renovations & Extension at Cape Clear Heritage Centre at Orléan Chénier, Co. Cork			Prepared By	NC										
Project Stage	Developed Design	Rev	D01	Checked By	MG										
Project Number	Insert Project No.		12085-02	Date	28/01/2026										
KEY NOTE 1 : To meet the requirements of the Safety Health and Welfare at Work (Construction) Regulations 2013, Designers are required to identify hazards that their design may present during construction and subsequent operation and maintenance. Where possible Designers are to eliminate the hazards or reduce the risk, and are required to communicate necessary control measures, design assumptions or remaining risks to the PSDP so they can be dealt with in the Safety and Health Plan															
KEY NOTE 2 : Other parties please take note: These are designer's risk evaluations of design options carried out in-house for the purpose of our complying with designers' duties under the Safety, Health and Welfare at Work (Construction) Regulations 2013. The evaluations relate only to those aspects/elements of the project which we are responsible for designing under the terms of our appointment by our client. Other parties should not rely on these evaluations for their own purposes; in particular, contractors, who must deal with and control all risks arising during construction, must carry out their own definitive risk assessments ab initio for that purpose.															
Risk Type (Scheduled or non-scheduled)	Risk Description	Ref.	Key Construction hazards identified	Location	Impact (Refer to Settings Tab)	Likelihood (Refer to Settings Tab)	Risk	Initial Risk	Risk mitigation measures (design decisions made, or alternative actions)	Impact (Refer to Settings Tab)	Likelihood (Refer to Settings Tab)	Risk	Remaining Level of Risk	Tag List	Residual Risks that Cannot be Designed Out
1. Scheduled Particular Risks	1. Work which puts persons at work at risk of (a) falling from a height, (b) burial under earthfall, or (c) engulfment in swampland	1.1.1	Fall from scaffolding/elevated work platforms during construction of extension.	Buildings	5	3	15	High	Contractor to adhere to HSA publication 'Code of practice for safety in roof work' and 'Code of Practice for Access and Working Scaffolding'	5	2	10	Medium	For Preliminary H&S Plan	Contractor to address the CSHSP
														Assumed Construction Methods	
														For Safety File	
		1.1.2	Fall into open pit during excavation of waste water treatment plant and pumpstation - Deep Excavation	Area around the waste water treatment plant and pump station	4	3	12	Medium	The contractor shall take particular care whilst excavating the pit for the proposed wastewater treatment plant, pump station and pipes	4	2	8	Low	For Preliminary H&S Plan	Contractor to address the CSHSP
									The size of the WWTP and Pumpstation has been minimised.					Assumed Construction Methods	
									Edge protection of the pit to be provided.						
		1.1.3	Burial under earth during trench excavation for storm/foul sewers	Foul/storm sewer	4	3	12	Medium	The depth of excavation to be minimized as much as possible and to be located in position to allow for sufficient banking of excavation.	5	1	5	Low	For Preliminary H&S Plan	Contractor to address the CSHSP
														For Safety File	
														Assumed Construction Methods	
		1. Scheduled Particular Risks	2. Work which puts persons at work at risk from chemical or biological substances	1.2.1	Decomissioning of existing WWTP and Pump Station	WWTP & Pump Station	5	3	15	High	Decommissioning/demolition of WWTP and pump station	5	1	5	Low
Contractor to ensure workers wear PPE	Assumed Construction Methods														
All operatives to be made aware of potential hazards.	For Safety File														
Work to be undertaken by suitably qualified operatives															
1. Scheduled Particular Risks	3. Work with ionising radiation	1.3.1	N/A				0	No Action Required				0	No Action Required		
1. Scheduled Particular Risks	4. Work near high voltage power lines	1.4.1	Civil Works - digging trenches, excavations	area around trenches and WWTP and Pump Station	5	3	15	High	Location drawing of existing power lines to be made available to Contractor. GPR Survey has been undertaken for the entire site	4	2	8	Low	For Preliminary H&S Plan	Contractor to address the CSHSP
									Contractor to Liase with service provider (ESB)					For Safety File	
									Uncovered and new powerlines to be marked with appropriate warning tape					Assumed Construction Methods	
									Location drawing of services (including any new services) to be inserted in Safety File.						
									All operatives to be made aware of potential hazards.						
		1.4.2	Machinery on site - contact / collisions with overhead electrical services	Existing power lines or services in the vicinity of the works area	5	3	15	High	Contractor to verify location of Overhead Powerlines. Follow code of practice for avoiding danger from underground services.	3	2	6	Low	Assumed Construction Methods	Contractor to address the CSHSP
									Banksman to monitor all excavation in vicinity of services					For Safety File	
									Verify location of underground services - catscan and hand digging						
									M&E risk assessments to be reviewed regarding the existing on-site overhead electrical services						
1. Scheduled Particular Risks	5. Work exposing persons at work to the risk of drowning	1.5.1	Injury or drowning during installation of WWTP and Pump Station - If water table above sub grade/after storm events	Around area of WWTP & Pump Station	5	2	10	Medium	Contractor to use suitable pumping to ensure the pit remains dry until the WWTP and Pump Station has been fully installed.	3	2	6	Low	For Preliminary H&S Plan	Contractor to address the CSHSP
														Assumed Construction Methods	
									Precast tank to be installed without concrete base.					For Safety File	
									Sites to be secured by contractor to avoid unauthorised public access.						
1. Scheduled Particular Risks	6. Work on wells, underground earthworks and tunnels	1.6.1	N/A				0	No Action Required				0	No Action Required		
1. Scheduled Particular Risks	7. Work carried out by divers at work having a system of air supply	1.7.1	N/A				0	No Action Required				0	No Action Required		
1. Scheduled Particular Risks	8. Work carried out in a caisson with a compressed-air atmosphere.	1.8.1	N/A				0	No Action Required				0	No Action Required		
1. Scheduled Particular Risks	9. Work involving the use of explosives.	1.9.1	N/A				0	No Action Required				0	No Action Required		

Designer's Assessment of Risk (DAR)														TOBIN CONSULTING ENGINEERS	
Project Title	Kerndishments & Extension at Cape Clear Heritage Centre at O'nean Chieftre, Co. Corkaish			Prepared By	NC										
Project Stage	Developed Design	Rev	D01	Checked By	MG										
Project Number	Insert Project No.		12085-02	Date	28/01/2026										
KEY NOTE 1 : To meet the requirements of the Safety Health and Welfare at Work (Construction) Regulations 2013, Designers are required to identify hazards that their design may present during construction and subsequent operation and maintenance. Where possible Designers are to eliminate the hazards or reduce the risk, and are required to communicate necessary control measures, design assumptions or remaining risks to the PSDP so they can be dealt with in the Safety and Health Plan															
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Risk Type (Scheduled or non-scheduled)	Risk Description	Ref.	Key Construction hazards identified	Location	Impact (Refer to Settings Tab)	Likelihood (Refer to Settings Tab)	Risk	Initial Risk	Risk mitigation measures (design decisions made, or alternative actions)	Impact (Refer to Settings Tab)	Likelihood (Refer to Settings Tab)	Risk	Remaining Level of Risk	Tag List	Residual Risks that Cannot be Designed Out
1. Scheduled Particular Risks	10. Work involving the assembly or dismantling of heavy prefabricated components.	1.10.1	WTTP, Pump station and manhole rings, a, and assembly or dismantling of machinery during operations etc.	Around area of WWTP & Pump Station & Manholes etc	4	3	12	Medium	Contractor to appoint Temporary Works Designer as appropriate	4	2	8	Low	For Preliminary H&S Plan	Contractor to address the CSHSP
									Contractor to ensure workers wear PPE					Assumed Construction Methods	
									Lifting plan to be put in place					For Safety File	
									Prefabricated structural elements to be designed to be as light as possible						
									The depth of manholes has been minimised to reduce the number of rings						
									All lifting equipment to be certified						
2. Other Particular Risks (Non-Scheduled)	Site security	2.1.1	Close in proximity to public road and private dwellings and travellers compound	Site works area	4	3	12	Medium	Security fencing to be installed around the perimeter of the site	3	1	3	No Action Required	Assumed Construction Methods	Contractor to address the CSHSP
									Site entrance gates should be locked					For Safety File	
									Integrity of security fencing to be checked daily						
									Diversion plan for pedestrians where applicable.						
2. Other Particular Risks (Non-Scheduled)	Work on Road - Traffic and Services	2.2.1					0	No Action Required				0	No Action Required		Contractor to address the CSHSP
2. Other Particular Risks (Non-Scheduled)	Work Requiring the use of vibrating equipment	2.3.1	Exposure to loud noise from compacting	Site	3	4	12	Medium	Appropriate PPE to be worn	3	3	9	Low	Assumed Construction Methods	Residual Risks that Cannot be Designed Out. Mitigated where possible
									Working time restricted to Mon-Fri 08:00-18:00. No work on bank holidays. TBC with local authority						
									Contractor to ensure load noises are minimised - to be explored further at detailed design						
2. Other Particular Risks (Non-Scheduled)	Work involving plant / equipment / machinery	2.4.1	Injury to personnel while large-scale plant and machinery operating	Around proposed attenuation tank/areas of site grading, sheet piling installation in trenches adjacent to root protection zone	4	3	12	Medium	Contractor must comply with requirement of all current legislation appropriate to use of plan / equipment / machinery.	3	2	6	Low	Assumed Construction Methods	Residual Risks that Cannot be Designed Out. Mitigated where possible
									Contractor must ensure the use of all safety gear and provision of appropriate supervision / training to relevant staff.						
2. Other Particular Risks (Non-Scheduled)	Pedestrian and Traffic Management	2.5.1	Injury to pedestrians and other road users	On all perimeters of the site, including enclosed travellers site	4	3	12	Medium	Contractor to develop a detailed Traffic Management Plan for the full duration of the projectwhich outlines safety measures put in place to take account of other road users.	4	2	8	Low	For Preliminary H&S Plan	Contractor to address the CSHSP
									Care must be taken to ensure existing and construction vehicular movements do not pose and increased hazard to road users or staff.					Assumed Construction Methods	
									Any interference to the public road and footpaths at entrance to site must be made safe or safe diversions put in place.					For Safety File	
2. Other Particular Risks (Non-Scheduled)	Work which puts persons at risk from overhead obstructions (eg. trees)	2.6.1	Impact between the works equipment and the public vehicles Dirt and debris falling to pavement surface	Adjacent to working areas	4	2	8	Low	The contractor shall establish and employ safe working practises appropriate for work adjacent to live traffic.	3	1	3	No Action Required	Assumed Construction Methods	Contractor to address the CSHSP
									A segregating working space protected by safety nets					For Safety File	
									Contractor to ensure that during site clearance works, damaged branches are removed so that they do not pose a risk to site personnel or the public.						
2. Other Particular Risks (Non-Scheduled)	Access for emergency services	2.7.1	Emergency services unable to access accident on site	All perimeters of the works area	5	3	15	High	Contractor should design and implement Temporary Traffic Management	4	2	8	Low	Assumed Construction Methods	Contractor to address the CSHSP
									Contractor to liaise with Emergency Services prior to work commencing to develop contingency plans						
														For Safety File	
2. Other Particular Risks (Non-Scheduled)	Noise and Vibration	2.8.1	Machinery Noises and vibration, Dust,	Works Area	3	4	12	Medium	Appropriate trained personnel	3	3	9	Low		Residual Risks that Cannot be Designed Out. Mitigated where possible
									Appropriate PPE to worn						

Designer's Assessment of Risk (DAR)														TOBIN CONSULTING ENGINEERS		
Project Title	Renovations & Extension at Cape Clear Heritage Centre at O'nean Chieftre, Co. Cork			Prepared By	NC											
Project Stage	Developed Design	Rev	D01	Checked By	MG											
Project Number	Insert Project No.		12085-02	Date	28/01/2026											
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2. Other Particular Risks (Non-Scheduled)	Risk to the safety of the public and others	2.9.1	Injury to the public from unauthorised access to works area	Urban area, close to dwellings and highly possible for pedestrians to get involved close to the installation/removal of traffic signs	5	3	15	High	Contractor should design and implement Temporary Traffic Management	4	2	8	Low		Contractor to address the CSHSP	
														Assumed Construction Methods		
									No excavations to be left unsupervised and excavations to be closed							
														For Safety File		
2. Other Particular Risks (Non-Scheduled)	Services	2.10.1	Exposure to existing utility services, Contaminate water	Excavations and overhead	5	2	10	Medium	The contractor shall take all the nessesary precautions to ensure that all sign panels are securely fixes or supported during an assembly or dismantling operations	4	2	8	Low	Assumed Construction Methods	Residual Risks that Cannot be Deisgned Out. Mitigated where possible	
									All proposed trenches shall be CAT scanned for services							
									Excavation by hand in proximity to known services							

