



PRELIMINARY SAFETY & HEALTH PLAN

SAFETY HEALTH AND WELFARE AT WORK (CONSTRUCTION) REGULATIONS 2021

Project Ref. /Name: B.O.M Kildangan National School

Doc Ref: Job Number – PS & HP

Stage: Tender

Project Details: Kildangan National School, Kildangan,
Monasterevin, Co. Kildare.

Completed by: David Farrell

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PRELIMINARY SAFETY & HEALTH PLAN

This Safety & Health Plan has been prepared on a preliminary basis in accordance with Article 12(1)(a) of S1 504 of 2025, the Safety, Health and Welfare at Work (Construction) Regulations 2006, and is based on project information available of this time and gathered during a site visit.

1.0 - DUTIES OF CONTRACTORS

A contractor is an employer whose employees carry out or manage construction work. This includes self-employed contractors, sole traders etc. The following are some of the duties of the contractor:

a.	Identify and eliminate hazards, and reduce risks during construction
b.	Work in a safe manner and take measures to protect workers, the homeowner and their family from the potential dangers of the construction work
c.	Ensure that relevant employees have a safety awareness card and a construction skills card where required
d.	Provide employees with site-specific induction
e.	Monitor compliance and take corrective action
f.	Co-operate with the Project Supervisor for the Construction Stage (PSCS)
g.	Provide the relevant extract of your safety statement and relevant information to the PSCS
h.	Promptly provide the PSCS with information required for the safety file
i.	Comply with directions of project supervisors
j.	Report accidents to the Health and Safety Authority and to the PSCS where an employee cannot perform their normal work for more than three days
k.	Comply with site rules and the safety and health plan, and ensure that your employees comply with same
l.	Facilitate the Site Safety Representative
m.	Appoint a safety officer where there are more than 20 on site or 30 employed
n.	Consult employees and Safety Representatives

The new additional duties on contractors under the regulations are:

1. Demonstrate competency;

The contractor must demonstrate to the Client that they are competent to complete the work and will allocate adequate resources to complete it safely. The contractor must be able to demonstrate that they can work safely and can manage the risks to their employees and to the homeowner and their family.

2. Inform homeowner of their duties;

If a contractor is not aware of the appointment of project supervisors, the contractor must promptly inform the client of the client's duties under Regulation 6.

2.0 - DUTIES OF PROJECT SUPERVISOR CONSTRUCTION STAGE

A Project Supervisor Construction Stage (PSCS) is a person or company appointed by a Client under Regulation 6 of the Safety, Health and Welfare at Work Regulations 2021. They have various duties under the regulations relating to co-ordinating health and safety on site, including the following:

a.	Develop the Safety and Health Plan provided by the PSDP prior to commencing construction work
b.	Co-ordinate the implementation of the construction regulations by contractors
c.	Organise co-operation between contractors and the provision of information
d.	Co-ordinate the reporting of accidents to the Health and Safety Authority
e.	Notify the Authority before construction commences where construction is planned to take more than 500 person days or 30 working days using form AF2. This can be completed online at www.hsa.ie or by registered post to Health and Safety Authority, 6th floor, Metropolitan Building, James Joyce Street, Dublin 1
f.	When there is more than 20 workers on site, facilitate the appointment of a Safety Representative and provide the necessary information to the site safety representative to fulfil their role
g.	Co-ordinate the checking of safe working procedures
h.	Co-ordinate measures to restrict entry on to the site
i.	Co-ordinate the provision and maintenance of welfare facilities
j.	Co-ordinate arrangements to ensure that craft, general construction workers and security workers have a Safety Awareness card, e.g. Safe Pass and a Construction Skills card where required

k.	Provide all necessary safety file information to the PSDP
l.	Monitor the compliance of contractors and others and take corrective action where necessary
m.	The PSCS may issue directions to designers or contractors where they feel safety is being compromised
n.	Ensure that traffic and pedestrian routes are in place to ensure safety when construction vehicles are in operation

3.0 - GENERAL DESCRIPTION OF PROJECT

3.1	Client	Board of Management, Kildangan National School
3.2	Project Supervisor for Design Process (PSDP) Civil Structural Engineer Mechanical & Electrical Engineers Architects/ Assigned Certifier	McLoughlin Architecture Unit 4B, Millennium Park, Naas, Co. Kildare Dooley Cummins Engineering Consultants Galileo Energy Services McLoughlin Architecture Unit 4B, Millennium Park, Naas, Co. Kildare
3.3	Project Supervisor for Construction Stage (PSCS)	To be appointed by contractor
3.4	Project Description	Permission for the provision of a single storey extension to the front and a separate single storey extension to the side of existing School Building (existing floor area = 1,048sqm) consisting of an extension to the existing Entrance Lobby, a 1no. Classroom Special Education Unit including ancillary spaces, 1no. Mainstream Classroom and an extension to existing Mainstream Classroom (floor area of proposed extension = 264sqm), together with a secure external soft play area, minor internal alterations and elevational amendments, realignment / setting back of part of the existing

		roadside boundary wall to provide a bus set down area, and all ancillary site development works at Kildangan National School, Kildangan, Monasterevin, Co. Kildare.
3.5	Site Location	Kildangan National School, Kildangan, Monasterevin, Co. Kildare.
3.6	Contaminated Land	Not envisaged
3.7	Drawings / Specifications / Location of connections for Welfare Facilities	Attached with Completed Tender Documents
3.8	Architects Drawings & Specifications	Attached with Completed Tender Documents
3.9	Engineers Drawings & Specifications	Attached with Completed Tender Documents
3.10	M&E Engineers Drawings & Specifications	Attached with Completed Tender Documents
3.11	Other Drawings & Specifications	Not applicable
3.12	Existing Safety File for the project (described in Appendix D)	None available
3.13	Relevant Adjoining Land Uses	Not applicable
3.14	Restriction of Working Hours	Works are to be carried out between 8.00 and 17.30 from Monday to Friday and Saturdays to be from 9.00 – 13.00
3.15	Site Restrictions	Contractor to confine his operations to immediate vicinity of the works. Work to be carried out in a manner to ensure minimum disruption to neighbouring dwellings/lands.
a)	Traffic System and Access Restrictions	It is not envisaged that there will be a great increase in traffic loads in the immediate locality to the site.
b)	Existing roads and sightlines	No Construction Traffic should cause any prolonged obstruction.

		The physical condition of the public roads and its sightlines are strictly to be maintained. No vehicles other than small diggers / machinery will be on the site itself.
c)	Access to site	Access to the site is from the front entrance off the public road. Site specific safety induction procedure to be implemented Deliveries to the site will be monitored by appropriate personnel. Hazard lights, cones etc. are to be used if necessary. The contractor is to take all the necessary precautions to ensure safety of the public, visitors and workers. Fire tender, refuse and delivery access to the existing neighbouring houses and site to be maintained at all times. Security/safety booking in/out procedure to the site to be maintained at all times by the contractor.
3.1 6	Intended Contract Commencement Date	Main works – Exact date to be confirmed.
31 7	Intended Contract completion Date	To be confirmed. Refer to Form of Contract and/or Contractors Programme.
3.1 8	Phasing of Works	Phasing of works is required. Refer to architects construction phasing plan

4.0 - OTHER WORK ACTIVITIES

The following other activities, not related to or included within the scope of the project, will be carried out on site during the construction phase.

4.1	Existing Building Activities	Existing school building on site
4.2	Installation of Services	New proposed foul and surface water drainage to new extension to connect to existing system on site. Refer to Dooley Cummins Engineering Consultants Drawings and specifications.

4.3	Installation of built in furniture, equipment	Included in full works package
4.4	External works such as Land Drainage, Landscaping, Public Utility Services, Work by Local Authority	Landscape works by specialist contractor, making good to all existing surface area's which are disturbed during works. Existing connections to public utility services to be maintained with no new connections. Refer to Dooley Cummins Engineering Consultants Drawings and specifications.
4.5	Other	Not applicable.

5.0 - KNOWN EXISTING SERVICES

5.1	Underground Services	Combined surface and foul water only Foul connections to existing line. Surface water to existing line. Refer to Dooley Cummins Engineers drawings.
a)	Water Mains	Contractor to identify any water mains and supply pipes and protect during works.
b)	Electric Cables	Contractor to identify all Electrical cables, isolate and protect during works.
c)	Telephone Cables	Contractor to identify Telecom/Data cables if any and protect during works.
d)	Gas Mains	Contractor to identify Gas Mains supply pipes if any and protect during works.
e)	Other Liquids / Gases under pressure	Not applicable.
5.1	Overhead Services:	Incoming phone / TV / ESB
a)	Electric Lines	Existing overhead lines to be identified by the Contractor and adequate safety measures and procedures put in place prior to commencement of works and for duration of the works.
b)	Other	Not applicable

6.0 - PARTICULAR RISKS

The following is the non-exhaustive list of particular risks to the safety and health of persons (as set out in Schedule 1, of S1 504 of 2025) together with the opinion of the Project Supervisor for Design Process on what elements of the works may fall within each particular risk category. It should be noted that many of the risks on the project may arise out of working methods which are at the discretion of the Contractor and as such cannot be determined by the Project Supervisor for the Design Process.

Note that in relation to the following:

(a) Items 1 and 2 of the Schedule I only those risks which would not be evident and reasonably deducible from drawings or other support documentation to a competent Project Supervisor Construction Stage are listed.

(b) Items 3 to 10 of the Schedule I only those risks which are reasonably foreseeable by the Project Supervisor Design Process are listed.

Other work which may involve risks only those risks which would not be evident and reasonably deducible from drawings or other supporting documentation to a competent Project Supervisor Construction Stage are listed;

6.1	Works which put persons at work at risk of:- a) Falling from a height b) Burial under earth-falls c) Engulfment in swampland Where the risk associated with working at a height, is likely to be aggravated by the presence of another significant hazard then a particular risk may be present.	a) Contractor to provide a barrier protection to scaffolding / platform for the duration of high-level works. Physical barriers/ scaffolding required for work at high level. HSA guidelines 'a code in practice for safety in roof work' and all the other relevant Published HSA guidelines are to be adhered to. b) adequate safety precautions and procedures to be put in place in accordance with HSA guidelines, where excavations are to be carried out c) not envisaged Existing overhead lines to be identified by the Contractor and adequate safety measures and procedures put in place prior to commencement of works and for duration of the works.
6.2	Works on or near site boundaries or existing structures which will require excavation.	Contractor to allow for adequate protection to be put in place to safeguard existing boundaries and neighbouring properties. Works to be carried out only by experienced operatives with the use of appropriate excavation tools and equipment.

		Due care to be taken to ensure existing foundations and external walls are not undermined or damaged in any way. Contractor to carry out localized trial pit excavations in advance of works with excavations to confirm foundation depths and details.
6.3	Work on / adjacent to fragile roofing materials. New roof lights must be non-fragile in accordance with Class B as defined by ACR (M) (001)2000 and maintained in accordance with the manufacturer's written instructions. Project Supervisor for Construction Stage is to obtain certification of same to be issued to the Project Supervisor for Design Process.	Not applicable
6.4	Installation of scaffolding	All scaffolding to be certified and be installed by a certified scaffolding contractor. All the appropriate safety rails, toe boards, securing to the existing structure etc. to be used and installed fully compliant with the H S A regulations.
6.5	Operations where the nature of the work or other restrictions make it impracticable to provide standard scaffolding or other suitable and sufficient means of support.	Not envisaged
6.6	Work which puts persons at risk from chemical or biological substances.	None envisaged
6.7	Where certain materials or substances are to be used, or materials in existing buildings are to be modified, a particular risk in relation to chemical or biological substances may exist.	None envisaged
6.8	Asbestos Any work which involves the renovation of buildings which were initially constructed prior to the mid-1970s	None envisaged, however, Contractor to be aware of potential for asbestos and carry out any necessary surveys.

6.9	The circumstances of the use of certain materials or substances may give rise to particular risks based on their toxicological or physio-chemical properties, for example:	Contractor to survey and provide necessary PPE when installing new gypsum based products to internal walls and ceilings, and external wall rendering mix.
6.10	The presence or potential presence of explosive atmospheres (including potential for dust explosions).	None envisaged
6.11	Work in confined spaces (i.e. areas where there is a possibility of a deficiency of oxygen or the presence of dangerous gases or vapours).	None envisaged
6.12	There may be a specific legal requirement for health monitoring where a work activity puts a person's health at risk from hazardous substances or preparations.	Not envisaged
6.13	Examples of activities requiring health monitoring and therefore involving particular risks include:	Not envisaged
6.14	Demolition involving the flame cutting or shot-blasting of painted steel where the paint is likely to contain lead.	Not envisaged
6.15	Work involving the use of substances which must be labelled with the risk phrases R45 "may cause cancer" or R49 "may cause cancer by inhalation"	Not envisaged
6.16	All hazardous substances and preparations must be labelled with appropriate hazard symbols and the suppliers must provide a safety data sheet when requested by any person. The labels and safety data sheets must include risk phrases, which indicate the specific risks associated with the substance.	The PSCS/ contractors safety officer for the project should check labels and manufacturer's instructions provided with all materials delivered to site, and provide all necessary PPE

6.17	Work with ionising radiation	Not envisaged
6.18	Work near high voltage power lines	Existing overhead lines to be identified by the Contractor and adequate safety measures and procedures put in place prior to commencement of works and for duration of the works.
6.19	Work exposing persons at work to the risk of drowning	Not applicable
6.20	Work on wells, underground earth work and tunnels	Not envisaged
6.21	Work carried out by divers at work having a system of air supply	Not envisaged
6.22	Work carried out in a caisson with a compressed air atmosphere	Not envisaged
6.23	Work involving the use of explosives	Not envisaged
6.24	Work involving the assembly or dismantling of heavy prefabricated components	Lifting and assembly of steel members and prefabricated roof trusses. Assembled using all the necessary lifting equipment and scaffolding for out of reach items
6.25	Other particular risks on site	Not envisaged

7.0 - CONCLUSIONS:

7.1	Conclusions by the Designers and the Project Supervisor for the Design Process regarding the taking account of the general principles of prevention and any relevant safety and health plan or safety file.	Contractor to adhere to the highest safety standards set out by the H S A throughout the project.
7.2	Designing for Safety in Construction as published by ACE/EI/RIAI includes a methodology for Designers in taking account of the General Principles of Prevention as indicated in Appendix F, but this advice is not prescriptive as Designers may have their own methods of dealing with the matter.	Contractor to note
7.3	Designer Assessments within Tender documentation;	Attached with Completed Tender Documents
7.4	Architect	Attached with Completed Tender Documents
7.5	Mechanical and Electrical Consultant	Attached with Completed Tender Documents
7.6	Structural Engineer	Attached with Completed Tender Documents
7.7	Other Consultant	Not Applicable

8.0 - CONTINUING LIASON

7.1	Procedures for dealing with coordination of Designers Procedures for organising cooperation between Designers Procedures for dealing with changes or late changes to design	Site meeting to be held fortnightly (or other agreed) during the construction stage, Health and Safety to be addressed as a priority at all site meetings. Contractor and client/ PSDP to liaise with the PSCS throughout the Construction period on site.
7.2	Procedures for considering health and safety aspects of the design elements by the Project Supervisor Construction Stage who must then inform Project Supervisor Design Process/Architect in charge.	Continued assessment to take place throughout the period of the works to include maintenance of the building afterwards.
7.3	Ongoing Risk Assessments	Further risk assessments to be prepared as necessary for revisions to the project where required.
7.4	Method Statements	Contractor to prepare any method statements for approval by the PSDP and other relevant consultants prior to the commencement of such works where required.

The information contained in this preliminary Safety and Health Plan has been prepared on a preliminary basis prior to the commencement of the work on site. It does not take account of any matters or information, which may come to light after that time.

APPENDIX A
DRAWINGS & SPECIFICATIONS

Architects	McLoughlin Architecture
DWG NO.	TITLE
N/A	Attached with Completed Tender Documents

Engineers	Dooley Cummins Engineers
DWG NO.	Title
N/A	Attached with Completed Tender Documents

Electrical	Galileo Energy Services
DWG NO.	Title
N/A	Attached with Completed Tender Documents

Mechanical	Galileo Energy Services
DWG NO.	Title
N/A	Attached with Completed Tender Documents

APPENDIX B
DESIGN RISK ASSESSMENTS

Attached with Completed Tender Documents

APPENDIX C
AF1 FORM

Attached with Completed Tender Documents

APPENDIX D

GENERAL SITE RULES APPLICABLE TO CONSTRUCTION SITES

These are generic rules for the general guidance of the Main Contractor and must be developed by the main contractor to become Site Specific Rules for the project in hand:

- (a) All site visitors, personnel and contractors should be required to comply with the Main Contractor's Health & Safety policy and the specific Construction Stage Safety and Health Plan.
- (b) All other Sub-Contractors should be required to provide evidence of their Health & Safety Policy and procedures to the Main Contractor prior to start of work. This information should be incorporated in the Health & Safety Plan by the Project Supervisor Construction Stage. The safety file is to be updated regularly by the PSCS
- (c) All risks identified in the Preliminary Safety and Health Plan and in the Safety, Health and Welfare at Work (Construction) Regulations 2006 are to be individually identified and addressed by the Main Contractor.
- (d) Method statements and Safety statement are to be reviewed and revised as necessary on an ongoing basis to take into account any new issues, which arise during the course of any revision. Revisions, which could affect SHW matters, are to be raised at site meetings.
- (e) All site personnel and Safety and Health personnel should be advised on an ongoing basis of any revisions to the Safety Plan by PSCS.
- (f) Standard and proof of adequate training of personnel on site is to be included in the Safety and Health Plan prepared by the PSCS.
- (g) Smoking is not permitted within designated working areas.
- (h) Eating and drinking should not be allowed in the designated working area.
- (i) Main Contractor should ensure that a suitable person is appointed to attend all hot work operations and be supplied with a suitable fire-extinguishing appliance. Hot work must finish at least one hour before completion of work on site for that day to ensure that the workplace is left in a safe condition.
- (j) Collective protective measures such as nets and mobile elevated platforms must be considered by the Main Contractor during the erection of the roof work.
- (k) The Main Contractor will take sufficient adequate steps to control dust during the construction stage and this is to be noted in the Safety and Health Plan and to be reviewed at the site meetings.
- (l) The Main Contractor should ensure that all excavation are supported in accordance with the requirements for the 2006 Construction Regulations.
- (m) The Main Contractor is to ensure that all relevant Safety and Health Regulations are adhered to at all times.
- (n) Personnel or sub-contractors with an unsatisfactory safety record, procedures shall not be allowed on the site unless evidence of improvement and training to achieve same is obtained.
- (o) The Contractor shall observe all legislation with regards to littering.
- (p) The Main Contractor shall ensure that all cables, loose wires etc. and other trip hazards are avoided and set up procedures to prevent same.
- (q) Work must not commence until the Safety and Health plan (Construction) is in place for each of the Sub-Contractors.

- (r) The PSCS should issue a method statement for distribution of Health & Safety related information and revisions to Health & Safety plan to Sub-Contractors and any parties whose health and safety may be affected.
- (s) The PSCS shall advise all parties, whose health and safety may be affected of the emergency arrangements for dealing with and minimising the effects of injuries, fire and other dangerous occurrences.
- (t) The Main Contractor shall minimise noise and vibration as far as is reasonably practicable.
- (u) For any statement, reference, report, legislation, the more onerous conditions will apply.

APPENDIX E

SAFETY & HEALTH PLAN

Site specific Safety and Health Plan to be implemented by the Project Supervisor Construction Stage

Following items (list is not exhaustive) should be addressed in the Health and Safety Plan:
The Preliminary Safety and Health Plan

1. Description of Project

- Project Description and programme details
- Details of client, designers, Project Supervisor Design Process and other consultants
- Extent and location of existing records and plans
- Arrangements for communicating with Designers, PSCS and other as appropriate

2. Client's Considerations

- Safety Objectives for the project and the arrangements for monitoring and review
- Permits and authorisation requirements
- Emergency procedures
- Site rules and other restrictions on contractors, suppliers and the other, e.g. access arrangements to those parts of the site which continue to be used by the client
- Activities on or adjacent to the site during the works
- Arrangements for liaison between parties
- Security arrangements

3. Environmental Restrictions and Existing On-Site Risks

- a) Safety hazards, including:
 - Boundaries and access, including temporary access
 - Adjacent land uses
 - Existing storage of hazardous materials
 - Location of existing services – water, electricity, gas, etc.
 - Ground conditions
 - Existing structures – unstable or fragile materials
- b) Health hazards, including:
 - Asbestos, including results of surveys
 - Existing storage of hazardous materials
 - Contaminated land, including results of surveys
 - Existing structures, hazardous materials
 - Health risks arising from client's activities

4. **The Safety and Health Plan for the construction stage**

- a) Description of Project
 - Project description and programme details
 - Details of client, Project Supervisor Design Process and Project Supervisor Construction Stage, designers, main contractor and other consultants
 - Extent and location of existing records and plans
 - Arrangements for communicating with Contractors, PSDP and others as appropriate
- b) Communication and Management of the Work
 - Management structure and responsibilities
 - Safety and health goals for the project and arrangements for monitoring and review of safety and health performance
 - Arrangements for:
 - Regular liaison between parties on site

Consultation with workforce

The exchange of design information between the Client, Designers, Project Supervisor for the Design Process, Project Supervisor Construction Stage and Contractors on site

Handling design changes during the project

The selection and control of contractors

The exchange of safety and health information between contractors

Security, site induction and on-site training

Welfare facilities and first aid

The production and approval of risk assessments and method statements

The reporting and investigation of accidents and other incidents (including near misses)

- c) Site Rules
- d) Fire and emergency procedures

5. **Arrangements for Controlling Significant Site Risks**

- a) Safety Risks
 - services, including temporary electrical installations
 - preventing falls
 - work with or near fragile materials
 - control of lifting operations
 - dealing with services (water, electricity and gas)
 - the maintenance of plant and equipment
 - poor ground conditions
 - traffic routes and segregation of vehicles and pedestrians
 - storage of hazardous materials
 - dealing with existing unstable structures
 - accommodating adjacent land use
 - other significant safety risks
- b) Health Risks
 - manual handling
 - reduce noise and vibrations
 - removal of asbestos

- dealing with contaminated land
- use of hazardous substances
- other significant health risks

APPENDIX F

SAFETY FILE

The Project Supervisor Construction Stage shall supply all necessary safety file information to the PSDP which shall include the following items (list not exhaustive).

The Project Supervisor Construction Stage in co-operation with the Main Contractor shall ensure that the Safety File to be produced at the end of the project shall incorporate all issues identified in the Main Contractor's Method and Safety statement.

The Project Supervisor Construction Stage shall standardise the format for each Sub-contractor's information for the Safety File with the Client for ease of access of information and standard of information to be submitted by all Sub-contractors.

The Project Supervisor Construction Stage shall identify relevant information to be issued by the Project Supervisor Design Process and issue a request in time. This will allow the Project Supervisor Design Process to instruct the Design Team and Client to issue the necessary information to be included in the File.

The Safety File shall also include the following items (list is not exhaustive):

1. The Design Team drawings, specifications and bills of quantities used for the purpose of construction.
2. Certification that all safety glazing is installed as required. Location and type of safety glazing used shall be described.
3. Drawings, details and certification of the system including relevant pull out tests and other loading tests for access safety systems such as hooks, safety lines, barriers etc.
4. Certification of all Fire Safety/Emergency related work must be included in the Safety File and should include:
 - Drawings by special sub-contractors which indicate location of fire stopping and cavity barriers including associated test certificates
 - Confirmation that the works are completed as per drawings and test certificates
 - Fire test certificates for doors and confirmation that the doors are installed in compliance with the test certificates by specialist sub-contractors
 - Drawings which include the location of fire rated enclosures and the relevant test certificates
 - Confirmation that the works are completed as per drawings and test certificates
5. Confirmation that services and emergency services in particular are fully commissioned and Services Consultants acceptance of same.
6. Details including names, type of training and dates of training of Client representatives for Emergency and Safety Systems.
7. Correspondence PSDP and PSCS with Client.
8. Operation and maintenance manuals and recommended/required maintenance regime.
9. Maintenance requirements set out on an element-by-element basis.

THE PRINCIPLES OF PREVENTION

The Project Supervisor for the Design Process is required to prepare a written Safety & Health plan on a preliminary basis that includes the conclusions drawn by the designers and Project Supervisor Design Process as regards the taking account of the general principles of prevention and any relevant safety and health plan and safety file.

1.	Keeping the construction site in good order and in a satisfactory state of cleanliness
2.	Choosing the location of workstations, bearing in mind how access to them is obtained, and determining routes or areas for the passage and movement of equipment
3.	The conditions under which various materials are handled
4.	Technical maintenance, pre-commissioning checks and regular checks on installation and equipment with a view to correcting any faults which might affect the safety, health and welfare of persons at work
5.	The demarcation and laying-out of areas for the storage of various materials, in particular where dangerous materials or substances are concerned
6.	The conditions under which the dangerous materials used are removed
7.	The storage and disposal or removal of waste and debris
8.	The adaptation, based on progress made on the construction site, of the actual time to be allocated for the various types of work or work stages
9.	Co-operation between employers and self-employed persons
10.	Interaction with industrial activities at the place within which or in the vicinity of which the construction site is located

APPENDIX G

ADVICE NOTES

Non exhaustive list of parameters to be considered:

1. State land uses for area adjoining site and on roads to the site entrance.
Assess location of proposed site entrance in relation to existing uses and activities especially in relation to dust, noise, dangerous processes and traffic.
Note access arrangements to those parts of the site which will continue to be used by the client.
2. Review working hours with Client, having regard to the adjacent land uses and buildings and note any restrictions on such hours.
3. The contractor is to install suitable hoarding and ensure site remains secure at all times.
Site parking restrictions. Storage restrictions, segregated from the works. Cleaning regime is to be implemented on site and this will include access roads to site.
4. Impact of traffic on immediate local environment.
5. Traffic management plan for the site. The Contractor is to take into account pedestrian traffic especially near the site entrances and feeder roads to the site. Highlight any schools or other heavily pedestrianised areas near the site or site entrance.
6. Separation of site traffic to (adjacent) premises must be established where possible.
The contractor is to ensure and maintain fire vehicle, bin and delivery access to buildings adjacent to the site at all times. Separation of site traffic and traffic to (adjacent) premises must be established where possible.
The contractor shall implement an appropriate booking in and out system for all site operatives and visitors. Procedures to safe-pass and other certification methods. Contractors' personnel shall carry appropriate (and visible) identification at all times on site. The contractor shall implement a site-specific Health and Safety induction procedure. Vehicular and personnel routes shall be separated on site especially near the access to the site. Review access times to the site.
7. Obtain advice from Client and include
8. Known services to be identified with the Client and Engineer prior to commencement on site. All diverted services to be documented. Reference to complexity of project is needed.
9. State if new services are to be installed by services providers such as Bord Gais, ESB, etc. as separate contract to the Client.
10. To be advised by the Design Team and Client if and when other items of work activities become known.
11. Obtain advice from Client, Civil Engineer and/or Services Engineer and include here. Enter drawing numbers of relevant drawings if any.
12. Obtain advice from Client, Civil Engineer and/or Services Engineer and include here.
Enter drawings numbers of relevant drawings if any.
If services are to be re-located prior to commencement of other works on site, Service Engineers to assess and advise, include advice.
13. Obtain advice from Client, Civil Engineer and/or Services Engineer and include here.
Enter drawings numbers of relevant drawings if any. If services are to be re-located prior to commencement of other works on site, Service Engineers to assess and advise, include advice.
Where electrical cables are near access roads or cross (site) traffic routes, and external roads an assessment is to be made of the design to establish if this risk can be eliminated

or reduced. Where this cannot be eliminated protective measures must be put in place at the outset of the contract, Services Engineer to assess and advise, include advice.

14. Works involving particular risks, which would be appropriate to specify in the Preliminary Safety and Health Plan are:

- Items 1 & 2 of the schedule 1 where the existence of a particular risk would not be evident and reasonably deducible from drawings or other support documentation to a competent Project Supervisor for Construction Process.
- Items 3 to 10 of Schedule 1 where such risks are reasonably foreseeable by the Project Supervisor Design Stage.

Non exhaustive List of Work involving particular risks to the safety and health of persons at work:

- Work which puts persons at work at risk of burial under earthfalls, engulfment in swampland or falling from a height, where the risk is particularly aggravated by the nature of the work or processes used by the environment at the place of work or site.
- Work which puts persons at work at risk from chemical or biological substances constituting a particular danger to the safety and health of such persons or involving a legal requirement for health monitoring.
- Work with ionising radiation requiring the designation of controlled or supervised areas as defined in Article 20 of Directive 80/836/Euratom.
- Work near high voltage power lines.
- Work exposing persons at work to the risk of drowning.
- Work on wells, underground earthworks and tunnels.
- Work carried out by divers at work having a system of air supply.
- Work carried out in a caisson with a compressed-air atmosphere.
- Work involving the use of explosives.
- Work involving the assembly or dismantling of heavy prefabricated components

In preparing this section of the Preliminary Safety and Health Plan ensure full consultation with the Structural, Civil and Services Engineers and Temporary Works Designer and include their advice where relevant.

15. Project Supervisor for Construction Stage is to assess risk already outlined for existing fragile roofing materials and more specifically for roof lights if they exist.

16. The installation of high-level services at all levels requires extreme caution and care including all scaffolding, etc.

High level Systems should, where possible, be commissioned prior to scaffolding removal to reduce the necessity for hoists, etc. Method statement required.

The use of collective protective measures such as nets and mobile platforms is to be considered by the Contractor wherever possible during the erection of the works.

An assessment should be made to review if the work can be avoided or reduced, where not possible to eliminate this type of work control measures as stated above are to be requested.

17. Where friable asbestos is identified, and prior to the main renovation work continuing, the asbestos must be removed. This, in most cases, will involve employing a specialist contractor who will give 28 days notification to the HAS and will also prepare a method statement outlining the exact procedures to follow in order to remove the asbestos safely.

All data sheets must be retained for the Safety and Health file.

[For building constructed prior to the mid 1970's an inspection report by expert organisation is to be included in the Preliminary Safety and Health Plan with request to monitor the site for potential of concealed asbestos especially with regard to insulation and services]

18. Obtain advice from the Client and include.
19. Obtain advice from the Client and include.
Obtain advice from the Services Consultants that the design of the service ducts, plant rooms is reviews and assessed and that sufficient space is provided for installation, commissioning and maintenance.
20. Lead paint has not been used in significant quantities since the mid 1970's. Where disturbed during construction or accessible to children after completion, lead should be removed at the earliest possible time during construction.
Lead content in paint to be assessed, if applicable, and included in the Preliminary Safety and Health Plan.
21. Substances classified as carcinogens include zinc chromate, and certain classes of bituminous substances, which are used in caulking or sealants.
Obtain advice from the Design Team and Client. If no advice is received state that the Project Supervisor Design Process has not been notified by the Design Team or Client of any materials that may present an exceptional hazard or risk. No. R45/R49 substances specified.
Note: fire-stopping and cavity barriers executed in mineral fibre quilts and batts will be used to be non-shed variety and where cut suitable masks to be used and gloves and other site personnel to be provided with suitable protection where working near works involving putting up of batts and quilts.
22. These are a component of many coatings, sealant and foams, particularly of "two pack" coatings and urethanes. Obtain advice from the Design Team and Client.
If no advice received state that the Project Supervisor Design Process has not been notified by the Design Team or Client of any materials that present an exceptional hazard or risk. In case of use, all people involved must be fully trained in the use of same.
23. Obtain advice from the Design Team and Client. If no advice received state that the Project Supervisor Design Process has not been notified by the Design Team or Client of any materials that present an exceptional hazard or risk.
24. No such substances are to be used by the Contractor unless no equivalent alternative exist. In case of use, all people involved must be fully trained in the use of same.
Identify any source of effluent, natural water source and highlight possible contamination, Project Supervisor Construction Stage to develop test regime for potential biological, chemical hazards. Draw attention to the possibility of Weils disease where rodents can be expected to be present on site.
25. Are ionisation smoke detectors to be installed throughout the building? Obtain advice from Services Engineers and Client of any equipment to be installed. Ionising radiation is also used in airport and other security systems where property or people are scanned.
26. Obtain advice from Client, Civil Engineer and/or Services Engineer and include here.

Enter drawing number of relevant drawings if any.

If services are to be relocated these should be re-located prior to commencement of other works on site or at the earliest possible time. Services Engineer to assess and advise, include advice.

Where electrical overhead powerlines are near access roads or cross (site) traffic routes, an assessment is to be made of the design if this risk can be eliminated or reduced, where this cannot be eliminated protective measures must be put in place at the outset of the contract, Services Engineer to assess and advise, include advice.

27. Obtain advice from Client, Civil Engineer and Services Engineers and include.

Ponds, rivers, culverts shown on Civil Engineering drawings number(s) and included in Appendix B.

Obtain advice from Client, Civil Engineer and Services Engineers on each specified topic and include.

28. Fabrication, delivery and erection of structural steelwork and precast concrete panels should be the subject of a detailed method statement from Main Contractor and Temporary Work Designer to be lodged with the Project Supervisor Construction Stage and the Project Supervisors Design Process prior to commencement.

Where boilers, Air Handling Units and associated plant are to be lifted into high level plant rooms, a Method statement should be required. The M&E contractor is to advise the Project Supervisor Construction Stage on this prior to the construction stage of the project

APPENDIX G

COVID-19

The Project Supervisor Construction Stage shall identify, implement and adhere to the guidance provided by the RIAI and CIF during the construction process.

Please refer to the CIF 'Back to work resource pack' in the link below. <https://cif.ie/coronavirus/>

Refer to CIF **Construction Sector C-19 Pandemic Standard Operating Procedures** attached in the appendix document



MCLA