

DESIGN STAGE Risk Assessment – TENDER STAGE

Reception Area Refurbishment
at
EPA Wexford, Johnstown Castle, Wexford.

DETAIL DESIGN RESIDUAL RISK REGISTER

ELEMENT	COMMENTARY & MITIGATION STRATEGIES
1. SITE Layout	It is proposed to construct and new kiosk with a cantilevered ceiling over an existing reception desk at the offices of EPA Wexford. The cantilevered ceiling will require a new steel frame be installed to support same.
2. FILL MATERIAL UNDER BUILDING (General))	N/A
3. EXCAVATIONS – Drainage (Drainage/Services)	A cohesive services plan is to be co-ordinated with the successful Contractor. Particular care shall to be taken by the Contractor when working on or near existing sewer lines. A full CAT survey of the works area is to be carried out by the Contractor, where necessary, to locate all existing underground services within the works area.
4. EXCAVATIONS (Trenches)	N/A
5. EXCAVATIONS (Retaining Structures)	N/A
6. FOUNDATIONS (General)	The steel frame is to be fixed to the existing concrete floor structure. The nature and condition of the existing floor is not known at this stage. The appointed Contractor shall carry out any investigations deemed necessary by the supervising Engineer in order to confirm the nature of the existing floor build up prior to commencement on site.
7. FOUNDATIONS (Ground Stabilisation)	N/A

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COMMENTARY & MITIGATION STRATEGIES

8. FOUNDATIONS (Piling) Drawing Reference	N/A
9. FOUNDATIONS (Underpinning)	N/A
10. PRIMARY STRUCTURE (Concrete)	N/A
11. PRIMARY STRUCTURE (Steel)	Refer to Structural Engineers specifications and drawing. The steel structure required to support the cantilever rood shall be fabricated off site and assembled on site as required. Steel Fabrication drawings shall be provided prior to commencement. A full method statement shall be provided by the appointed Contractor outlining how the steel structure will be assembled on site.
12. PRIMARY STRUCTURE (Masonry)	N/A.
13. PRIMARY STUCTURE (Timber)	The ceiling structure shall be fabricated on site in line with specification drawings and normal construction practices. Adequate fall protection systems to be put in place for personnel.

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COMMENTARY & MITIGATION STRATEGIES

14. BUILDING ENVELOPE (Cladding)	N/A
15. BUILDING ENVELOPE (Roof)	N/A.
16. BUILDING ENVELOPE (Doors/Windows/Screens)	N/A
17. BUILDING ENVELOPE (Coatings/Finishes)	N/A
18 BUILDING SERVICES (Mechanical)	Refer to M&E Engineers Drawings & Specification where same is provided. This is not within the remit of the C&S Engineer.
19. BUILDING SERVICES (Electrical)	Refer to M&E Engineers Drawings & Specification, where same is provided. This is not within the remit of the C&S Engineer.

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ELEMENT COMMENTARY & MITIGATION STRATEGIES

20. OPERATIONS (Working adjacent to Roads)	N/A
21. OPERATIONS (Working adjacent to Railways)	N/A
22. OPERATIONS (Working adjacent to Water)	N/A
23. OPERATIONS (Maintenance)	See Architect's Drawings & Specification

Risk Assessments by Civil & Structural Engineer

For Risks as Outlined in the First Schedule of the Safety, Health and Welfare at Work (Construction) Regulations 2013

**NON-EXHAUSTIVE LIST OF WORK INVOLVING PARTICULAR RISK TO
THE SAFETY AND HEALTH OF PERSONS AT WORK**

PARTICULAR RISK	HAS RISK BEEN IDENTIFIED?	
	YES	NO
Work which puts persons at work at risk of burial under earth falls, engulfment in swampland or falling from a height, where the risk is particularly aggravated by the nature of the work or processes used or by the environment at the place of work or site.	YES	
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		NO
Work with ionising radiation requiring the designation of controlled or supervised areas as defined in Article 20 of Directive 80/836/Euatom		NO
Work near overhead powerlines		NO
Work exposing persons at work to risk of drowning		NO
Work on wells, underground earthworks and tunnels		NO
Work carried out by divers at work having a system of air supply		NO
Work carried out in a caisson with a compressed air atmosphere		NO
Work in involving the use of explosives		NO
Work involving the assembly or disassembly of heavy prefabricated components	YES	

NOTE: *This preliminary assessment is based upon the information available to the Engineer at the date of assessment.*