

DESIGN RISK ASSESSMENT

**Renovation and remedial works to
Stanhope Street Secondary School,
Manor Street, Stoneybatter, Dublin 7**

18th June 2025

Stem Consulting Engineers

DESIGN RISK ASSESSMENT

(Part 8)

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1.0 INTRODUCTION

The following is a Design Risk Assessment (C&S) for the proposed works to Stanhope Street Secondary School in Stoneybatter Dublin. The development consists of:

- Roof remedial works
- Works to perimeter roof edge upstand
- Concrete repair to perimeter exposed concrete elements
- Crack repair to walls
- Other works as per Architects drawings

Full and detailed site location have been identified in the tender drawings.

The exact location of the property and site can be seen in Figure 1 below.

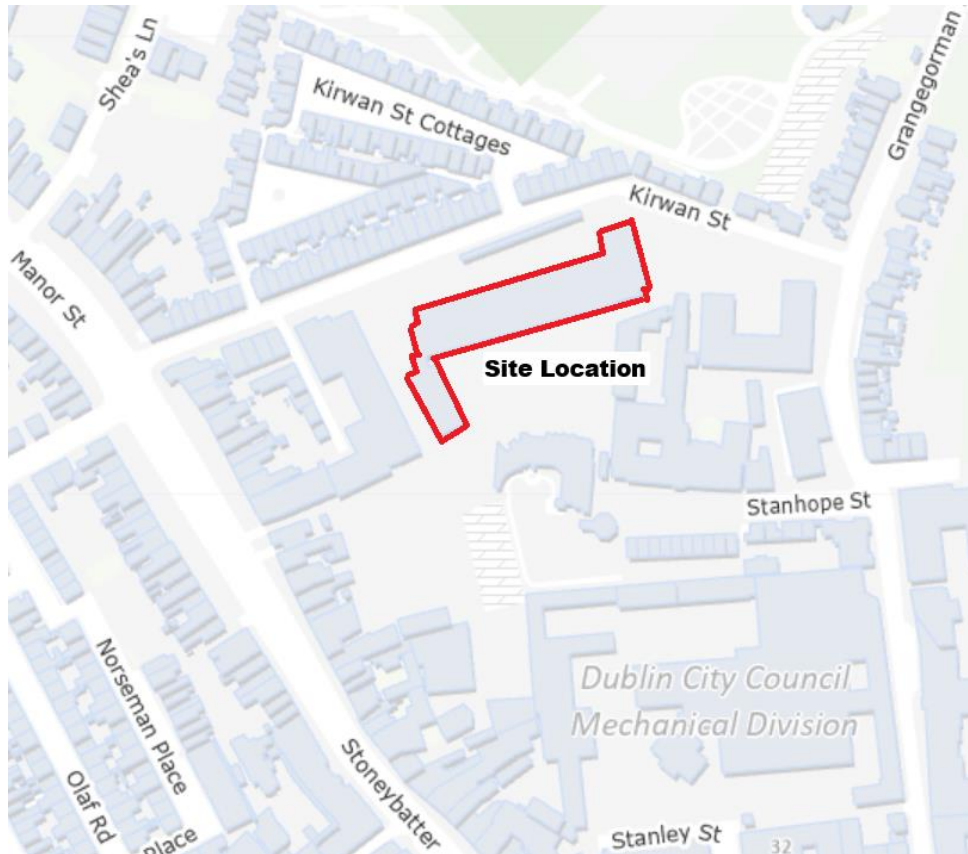


Figure 1. Site location



Figure 2. Google image of school building – looking towards the North

2.0 DESIGN RISK ASSESSMENT

DESIGN RISK ASSESSMENT		
Designer's Assessment of Safety during Construction and Maintenance taking account of the Principles of Prevention (read in conjunction with the ACEI/IEI/RIAI Guidance Notes)		
PROJECT: Roof and elevation remedial works at Stanhope Street Secondary School, Stoneybatter COMPANY: Stem Consulting Engineers DESIGN STAGE: Tender		Designer: AS Doc ref.: 23144-STEM-XX-XX-HS-S-13f-001 Project: 23144 Date: 18 th June 2025
No.	Key Hazards Identified	Measures to reduce risk
Site location	Site is in a built-up area on an educational campus. The main entrance has a height restriction and pillars on either side.	• Erect warning signs • Secure site to prevent unauthorised access • Carefully plan deliveries and have a banksman present during truck movement
Existing services	The existing building is serviced by water, foul and surface water lines, power (ESB) and telecoms/IT.	• The contractor to take precautions to avoid conflict with existing services (disconnect/ relocate) • Other hidden/ buried services may be present and the contractor to locate and identify • Avoid undermining existing foundations with service installation works
Dust and noise	The concrete repair and redial works will generate noise and dust	• Contractor to ensure that noise and dust is kept to a minimum and within working hours as mandated by Dublin City Council
Falls from Height	The majority of the proposed works will involve work at height.	• The contractor should note and comply with the relevant Safety Health and Welfare at Work (Work at Heights) Regulations. • It is expected that the use of standard scaffolding methods including temporary towers and cherry pickers can be utilised to avoid this particular risk and the Contractor's Method Statements should cover same. • All openings are to be protected to prevent falling. • All slab/roof edges are to be protected during the construction phase.
Items to be drawn to the attention of Contractor(s): Refer to Stem C. Eng. Drawings See other Designers risk assessments also.		

3.0 NOTES

3.1. Other parties please take note:

- These are designer's risk evaluations of design options carried out in house, for the purpose of complying with designers' duties under the Safety, Health and Welfare at Work (Construction) Regulations 2006.
- 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; contractors, who must deal with and control all risks arising during construction, must carry out their own definitive risk assessments for that purpose.
- The above summary is intended to identify the key issues relating to this project – if other matters are identified they should be brought to the PSDP's and PSCS's attention and included within the Contractor's H & S documentation.

3.2. Notes in this design risk assessment (DRA):

1. The Contractor is to ensure all construction work and activities are carried out in accordance with and in compliance with the following Health & Safety Legislation.

- Safety, Health & Welfare at Work Act 2005
- Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & 2010 (S.I. No. 386 2006 & 589 2010)
- Safety, Health & Welfare at Work (General Application) Regulations 2007 (S.I. No. 299 2007)
- Safety, Health & Welfare at Work (Construction) Regulations 2013 (S.I. No. 291 2013)

2. The Contractor shall forward all method statements requested in the design risk assessments and as discussed well in advance of works commencing to give consultants adequate time for review and comment on the proposals.

3. Design Risk Assessments were compiled on the premise that the Contractor only employs personnel that are both competent and qualified for the tasks they undertake.

For Stem Consulting Engineers,

A handwritten signature in black ink, appearing to read 'Arthur Shivan'.

Chartered Engineer