

ADAM GERAGHTY

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Summary Statement

Structural CAD & BIM Technician with over 5 years' experience in a Civil/Structural engineering consultancy office environment. Specializing in high-quality and accurate AutoCAD deliverables, concrete reinforcement schedules & drawings, and structural Revit models. Expansive experience with projects of all scales in the commercial, industrial, and residential sectors in Ireland. Recently graduated from Technological University Dublin with an honours degree in BIM & Digital Construction.

Core Skills/Qualifications

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|--------------|----------------|--------------------------------------|
| ● 2D AutoCAD | (Advanced) | ● Technical Documentation & Drawings |
| ● CADSRC | (Advanced) | ● Navisworks (Beginner) |
| ● Revit | (Intermediate) | ● Microsoft Office |

Educational Background

Bachelor of Science (Honours): BIM (Digital Construction)	2025
Bachelor of Science (Ordinary): Engineering Technology in Civil Engineering	2022

Work Experience

CAD/Revit Technician

06/2017 – 09/2020 & 09/2022 – 12/2024

Fitzsimons Consulting Engineers Dublin, Ireland

- Initial role as a junior CAD technician preparing 2D technical drawings (plans, details, sections) under the supervision of a senior technician.
- As the company structure shifted, I became the lead CAD technician and was responsible for checking the work of others and maintaining the AutoCAD library & company standards.
- Began completing on-site surveys for projects using advanced disto-meters and theodolites.
- Successfully learned (self-taught) how to use CadsRC at a time when the company had secured a tender for a large reinforcement project.
- Upskilled in the use of BIM methodologies & Revit as the company began tendering for projects using BIM.

Key Accomplishments

- Led a team of 3 through a project which included on-site linear surveys of over 100 properties in Dublin City Centre. Project outputs included a structural survey report containing photographs and newly generated plans/sections for each property.
- Prepared reinforcement drawings and schedules for the entirety of the recently completed Education Research Centre (RCSI) in Connolly Hospital, Dublin. Elements reinforced included stair cores (flights, landings etc.), flat slabs, beams, and columns (standard & V-shaped).
- Generated a structural Revit model for the upcoming Dental Education Centre (RCSI) also in Connolly Hospital. The project included coordination with other design team members, working closely with senior engineers, and managing all output information onto the project CDE and ensuring compliance with ISO-19650.
- Generated, federated, and managed all civil drawings and documentation for a 54-unit residential development. Drawings included foul and surface water networks, as well as water supply infrastructure. All elements were clash-detected during design horizontally and vertically to a high-degree of accuracy. Finished levels from door threshold to road crown were also prepared and checked for the entirety of the site.

Portfolio

Attached herewith this resume is a portfolio of drawings I have prepared, taken from several of the key projects I have worked on over the years. Below is a brief description of the type of work you can find in each project folder for easier navigation:

1 – Connolly:

A comprehensive set of tender drawings prepared using CADSRC & Revit for a 4 story Dental Education Centre in Dublin. Revit model available for viewing upon request.

2 – Portlaoise:

For Construction drawings for all civil infrastructure in a 54-unit housing development. This project required technical coordination, document control, and revision management.

3 – Creagh:

Structural and civil drawing package issued For Construction for a residential development consisting of apartment units and timber framed houses.

4 – Campanile:

Suite of smaller technical drawings for a project surrounding remedial and restoration works to the iconic Campanile tower in the heart of Trinity College Dublin.

5 – Dalkey Duck:

Application for a publican's license prepared for The Dalkey Duck public house.

6 – The Temple Bar:

Fire Certificate & Disability Access Certificate application drawings prepared for a small internal extension to The Temple Bar public house.

(Files available for review upon request if not attached with resume)