

Key qualifications & experience

T. J. O'Connor & Associates is a consulting structural and civil engineering firm established in **1937**.

Our team brings together expertise in **Structural Engineering, Civil Engineering, Sustainability and Digital & Building Information Modelling**.

The firm delivers **Structural Engineering Design Services** on a range of major projects including **residential developments, shopping centres, office and commercial developments** and **healthcare buildings**.

Our design services incorporate **innovative structural solutions** and have included **the world's first Bi-Steel lift core**, constructed as part of the Dundrum Town Centre development and receipt of the **FIDIC Project of the Year Global Award for the Small to Medium Projects Category** and **ACEI Project of the Year Award** for Ringsend Wastewater Treatment Plant Upgrade – Phosphorus Fixation Project.

We have been the lead designer in **Civil Engineering** for many of the country's **major wastewater systems, water supply projects and flood alleviation schemes**, with Clients including both public and private sector organisations.

We integrate **collaborative BIM processes and digital technologies** into all of our services and were **the first company to achieve NSAI certification to the International BIM Standard I.S. EN ISO 19650-2 in 2019**.

Awards

2024 *Ringsend Wastewater Treatment Plant Upgrade – Phosphorus Fixation Project* – 'Small to Medium Project' – Global Association of Consulting Engineers (FIDIC) Projects of the Year Global Award

2022 *Ringsend Wastewater Treatment Plant Upgrade – Capacity Upgrade Project* – 'Civil Category' – ACEI Engineering Excellence Award

2026 *The Ironworks (Building 5) Dundrum Town Centre* – Shortlisted for the 'Medium Project Category', IStructE Republic of Ireland Structural Awards

2018 *Fermoy South Drainage and Flood Alleviation Scheme*– 'Innovation' – ACEI Design Excellence Award

Selected key project experience



The Ironworks (Building 5) Dundrum Town Centre

Client: Hammerson Group
Management

Structural and Civil
Engineering Design
Services for 9-storey
residential development
constructed over an existing
3-level basement car park
structure consisting of
107No. Units.

Construction Completed
September 2025



Merville Place Residential Project, Finglas

Client: Chartered Land / Walls
Construction

Structural and Civil
Engineering Design of a new
residential project consisting of
200No. apartments across
three blocks.

Construction Completed
May 2026



Ringsend Wastewater Treatment Plant Upgrade – Phosphorus Fixation Project Client: Uisce Éireann

Won the **FIDIC** (Global
Association of Consulting
Engineers) Award for
Small to Medium Projects
Worldwide.

Contract Completed
April 2023



Dundrum Town Centre Development

Client: Chartered Land

