

# Commendation

**Structural Steel  
Design Awards 2025**

## Two to Four Wilton Park, Dublin, Republic of Ireland

### PROJECT TEAM

Architect:  
**Henry J Lyons**

Structural Engineer:  
**Arup**

Steelwork Contractor:  
**Severfield plc**

Main Contractor:  
**John Sisk & Son**

Client:  
**IPUT Real Estate Dublin**

### “Judges’ comment

With a straightforward, logical plan, these contemporary offices make reference to the traditional Dublin terraces. The column free floors, punctured by atria and featuring exposed structural steel are impressive. The building steps back from the adjacent Conservation Area resulting in interlinked and generously landscaped roof gardens. A very assured project by a highly motivated team.



Wilton Park is a landmark seven-storey steel-framed commercial development in Dublin, comprising three interconnected blocks totalling 450,000 sqft. Located beside a one-acre park on the Grand Canal, the project redefines urban placemaking by integrating premium office space with vibrant public spaces. The three blocks feature column-free office spaces, achieved through placing structural columns around the perimeter and the full-height atriums, enabling expansive, flexible floorplates tailored to modern workplace needs.

One of the buildings’ highlights are the double-height lobby areas, which are supported by two large transfer beams spanning 10.5m and weighing 16.5 tonnes each. These were lifted in sections, to remain within the crane capabilities, and spliced in situ with plated bolt arrangements. The structural design also supports extensive loading from rooftop landscaping and plant equipment without any compromise to the 2.8m floor to ceiling heights and allowed castellated beams that accommodate service ducts.

Fabrication and erection involved complex logistics in a constrained city centre site. A secondary offloading zone was identified to optimise crane usage and avoid delays. Large custom-shaped asymmetric members were precisely fabricated and safely handled, with off-site trials and detailed sequencing ensuring smooth installation on site. Erection began with full-height vertical bays and MEWPs operating on the basement slab, transitioning to deckriders on upper floors. Splice connections and



temporary works were meticulously planned to maintain safety and efficiency. With careful planning throughout the full process, the buildings were delivered over 12 months.

The structural design incorporated digitised workflows for steel column optimisation, tolerance studies for core interfaces, and coordinated cellular beam openings for seamless service integration. Consisting of 5,000 tonnes of steel, the design was a seven-storey beam and column structure. Early-stage collaboration between the project team, fostered a strong collaborative spirit, which helped when adapting to evolving design requirements.

Environmental stewardship was central to the project. The redevelopment of the adjacent park introduced 70 trees and 15,000 shrubs, enhancing biodiversity and reconnecting the community with green space. Rooftop solar panels and deep substrate planting support rainwater management and reduce surface runoff. The project achieved LEED Platinum, WiredScore Platinum, WELL Gold, and BER A3 energy ratings, reflecting its commitment to sustainability and occupant wellbeing.

Wilton Park exemplifies how structural steel can deliver architectural ambition, engineering precision, and environmental responsibility in a dense urban setting. Through innovation, collaboration, and meticulous planning, the project has created a dynamic workplace and civic asset, chosen by leading global firms for their European headquarters.