



## UTILITIES INFRASTRUCTURE

### Installation of critical Utilities Infrastructure

Nicholas O'Dwyer has been involved in the infrastructure requirements for the many projects, including Bord Gais site at Sir John Rogerson Quay, Grand Canal Dock and IFSC Phase 1 & 2. The scope of work included the design of the following services within the developments area: Foul and surface water systems; Water main system; Electricity and Gas Distribution systems; Telecommunications and Management ducting systems.

Our scope of works on the Grand Canal Dock project in particular included liaison with the various departments within Dublin City Council and other utility providers including ESB, Bord Gais, and all telecommunications providers to obtain their requirements and agreement on our proposed distribution system.

We were also responsible for the design and layout of the road network including the refurbishment of the existing roads within the development area. A unique aspect of this particular site is that the reclamation works carried out resulted in the finished surface of the site being 3m below the surrounding roads. Due to the phasing of the future developments it was necessary to construct the roads up to within 500mm of the finished surface to enable access to the site areas.

Nicholas O'Dwyer have also been responsible for project management and construction supervision for the mast replacement project for the Irish state broadcaster, RTE, as part of their digital upgrade programme. Each project site is remotely located at high elevation, often in areas of special conservation or environmental sensitivity. Therefore, in the project management of the site and supervision of the contractor there is a particular need for stringent standards and a high degree of professionalism.

