



PUMPING STATION AT BALBRIGGAN

New Town Centre Pumping Station

Design and Build by Siac

SUMMARY:

Value: €3 million
Client: Fingal County Council
Status: Complete

Services Provided:
Detailed Design of Design / Build Project
Project Supervision

Nicholas O Dwyer were appointed Project Managers and Design Consultants by SIAC as part of the Design and Build contract for the Skerries \ Balbriggan WWTP and the pump house at Balbriggan formed part of this contract. The project involved the construction of a new 6m deep pump house and storage facility within the town of Balbriggan adjacent existing viaduct and surrounded by public roads and buildings.

Our design services included the following:

- Temporary works for excavations up to 7m below ground in restricted site adjoining roads and viaduct. The temporary works included for the final 2m excavation into rock.
- Concrete water retaining walls, base slabs and ground level slab to form the new pump station.
- Diversion of services including a watermain and electrical cables.
- Anti floatation system for the pump station as the site is located near the coast and influenced by tidal water.



Nicholas O'Dwyer
CONSULTING ENGINEERS