

CASE STUDY

IRELAND, BELLISLE DEVELOPMENT

Project: Fire escape for student accommodation

Location: Castle Troy, Co Limerick

Client: Bellisle

Project Overview

A newly constructed block of student lets required a new, steel structured fire escape. Load bearing piles were required for the foundations of the new structure.

By its very nature the fire escape was situated next to the main building. This meant that the access for the piling works was restricted. The building was only just nearing completion, so there was still scaffolding to work around on site.



Result

Due to the restricted nature of the site our scope of works was based on a micropiling solution using steel cased driven piles, which were reinforced to full depth. The Grundomat rig ensured we could work in close proximity to the building and scaffolding without any undue problems.

Once work commenced on site we encountered obstructions (boulders) within the made ground. In order to keep the schedule on track we started to excavate the boulders until the client could take over. Once these boulders were removed we re-drove the piles affected and still finished within the eight week schedule. Because we worked with the client to pull the schedule back despite the ground conditions, the additional costs were kept to a minimum.

Technical information

We installed 85 No 100mm diameter steel cased driven piles, reinforced 1 No T12 to the full depth of each pile.

Rig used: Grundomat

