

CASE STUDY



Surefound 

CONCRETE DRIVEN PILING  
& SUREFOUND, FLOORING



NORTHERN IRELAND

An exclusive residential development on the former RUAS Balmoral Showgrounds site in BT9, Belfast

# HARBERTON EXCLUSIVE RESIDENTIAL DEVELOPMENT

BT9 BELFAST

CONTRACTOR

DB Contracts, Ballymena

ENGINEER

Thompson Barr Consulting LLP, Newtownabbey

DEVELOPER

HBH Developments, Belfast

**PROJECT OVERVIEW**

- 140 residences piled – 16 acre site
- BT9 – Site highly populated on all sides, most exclusive area of Belfast
- £1.4M foundations package

**GROUND CONDITIONS**

Soft sand & fill

**SOLUTION**

Taranto SureFound Foundation System:

- 200mm and 235mm PCC driven piles
- Caps & beams
- Structural sub floors – t-beams & prestressed hollowcore
- Cast in-situ beams for apartment blocks

**DEPTH OF PILE**

Up to 20m

**PROJECT SPECIFICS**

- Taranto detail enabling use of corbeled brick with standard 350 beams – cost savings
- No site spoil, reduced lorry movements
- Smaller more agile rig