

# Case Study

## New High School Lossiemouth



### Project Description:

Enabling works contract to form stabilised piling mats and reduce external make-ups.

**Key Works:** Mass Soil Mixing

**Main Contractor:** Balfour Beatty

**Date / Duration:** November 2018 / 10 wks

**Mixed Volume:** 36,782m<sup>3</sup>

### Project Challenges / GDL Solutions:

- Working alongside existing live school and occupied housing meant that keeping disruption to a minimum was critical.
- Winter working so dark nights and freezing conditions made the process more complex.

### Project Benefits for Client:

- By forming working platforms across the entirety of the site the follow-on civil engineering and building works were simplified and the programmes reduced.
- Reduction in export / import requirements provided financial savings as well as minimising disruption to the local community and reducing the carbon footprint of the contract.



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EARTHWORKS



SOIL STABILISATION



VIBRO STONE COLUMNS



DEEP SOIL MIXING