

# Case Study

## New Scapa Hospital Orkney



### Project Description:

Appointed to undertake the enabling works package to provide a suitable development platform for the new hospital.

**Key Works:** Earthworks  
Soil Modification  
Soil Stabilisation  
Rock Excavation

**Client:** NHS Orkney

**Main Contractor:** Robertson Group

**Date / Duration:** May 2017 / 5 wks

**Topsoil Strip:** 13,000m<sup>3</sup>

**Cut / Fill Volume:** 15,000m<sup>3</sup>

**Rock Excavation:** 1,500m<sup>3</sup>

### Project Challenges / GDL Solutions:

- Working on Orkney was a first for us so the logistics of completing a project off the mainland was new.
- The existing visitor centre was to stay open throughout our works so careful planning and a robust traffic management system was key.
- The programming of our works was critical to allow a phased handover to the follow on contractor.

### Project Benefits for Client:

- Utilising soil modification and stabilisation provided a suitable founding horizon and therefore simplified the follow on works. We also reduced external construction make-ups.
- Import and export was minimised bringing both financial and environmental benefits.



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EARTHWORKS



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