



# Parkhead Health Centre, Glasgow

Northern Piling Ltd

Infrastructure Development

Case Study

## Project Overview

Client: BAM  
 Engineer: AECOM  
 Sector: Infrastructure  
 Value: £330k  
 Description of works: Design, supply & install precast concrete piles to form foundations.



## TECHNICAL DETAILS

Pile Type: Precast Concrete  
 Pile Length: 7m - 14m  
 Pile Testing: 66no. Dynamic & 3no. Static Load Testing  
 No. of piles: 653no.  
 Pile Size: 250mm x 250mm  
 Working Load: Up to 750kN



NPL were subcontracted to design, supply and install over 650 precast concrete piles for the new health centre in Parkhead, Glasgow. The new health care centre will become the largest, and first, net-zero health care facility in Scotland.

Our piling crew received much praise from BAM for their quality of work and approachable attitudes on-site. This led to BAM management team awarding our crew with a certificate for H&S, Quality, Environmental & Innovation.

2no. vibration monitors were also set up around the site, in areas at most risk, throughout the duration of the piling works. Areas most at risk where the surrounding traditional sandstone tenement buildings, roughly 30m away from site. No issues were encountered and vibration levels were well below vibration limits of 5mm/s.

The project took a total of 4 weeks to complete, 2 weeks ahead of program. All 3no. static tests and 66no. dynamic tests were carried out during this time.

