

FAIRCLOUGH & CO LTD
CONSULTING STRUCTURAL ENGINEERS
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GTATTON HALL FARM, GRATTON LANE, ENDON, STAFFORDSHIRE

Project Ref: 210720

5 April 2022

THE 26 SHED. - SWIMMING POOL CONSTRUCTION AND ASSOCIATED
UNDERPINNING WORK TO THE ELEVATIONS.

METHOD STATEMENT

1. The East, West, and South elevations of the barn (26 shed) are to be underpinned.
2. Install 150mm diameter steel driven piles in pairs, either side of the wall, at 2m centres. The top 2m of the piles to be sleeved.
3. Form reinforced concrete ground beams either side of the wall, supported on the piles and with reinforced concrete needles through the wall at 900mm centres.
4. When items 1,2&3 are completed the barn elevations will be supported on the piles and excavation for the pool can commence without undermining the elevations.
5. Excavate internally for the swimming pool.
6. Form the swimming pool base, walls, and associated service ducts/zones in water retaining reinforced concrete with external tanking and internal waterproofing.

Notes.

Pile diameters, spacing, and depth are to be confirmed at building regulations stage and after a mini-borehole investigation and a test pile has been driven.