



Project	Bearing Piles for new hospital department, floor piles with flared heads, secant and contiguous retaining walls and anchor piles.
Location	Southmead Hospital, Westbury-On-Trym, Bristol
Client	NHS
Consulting Engineer	Carillion plc
Contractor	Churngold Construction
Pile Type	125-200mm diameter anchors. 450mm and 600mm diameter rotary bored piles.
Description	125-200mm diameter anchors to a maximum depth of 15m. 600mm diameter bearing piles to a maximum depth of 11m. 450mm diameter piles to a maximum depth of 10m.
Piling Rig	Bauer MBG12 in rotary mode, Soilmecc SR-30 in rotary mode, Soilmecc R-210 in Rotary mode, Hutte 203.
Quantity	167m length retaining wall including anchors 450mm diameter. 180m length contiguous wall 450mm diameter piles. 69m length secant wall 600mm diameter. 295 no. flared head piles 450mm diameter. 268 no. bearing piles 600mm diameter.
Features	Guide wall installed prior to commencement for secant piles and part of contiguous wall. For a period of time there were 4 FP piling rigs on site.