

Educational



Newborough Primary School

Peter Dann were appointed directly by Peterborough City Council to be their civil and structural consulting Engineers. The Council provided Architectural, mechanical and electrical Engineering consulting services.

The new school building was built in the grounds of the existing primary school. The school remained open during the construction and once the school had taken over the new building the original Victorian buildings were demolished.

The construction was a clad steel frame founded on ground beams and piles. The frame structure allows for future flexibility within the building. To provide a sustainable solution a green roof was used together with water harvesting for non profitable water supply. The use of a ground heat source pump was investigated but ground conditions made this unfeasible.