

# Project Overview

We are proud to have completed the design and installation of our piled raft foundation for McCarthy Stone's Foxglove Place development, a 43-bed retirement living complex located off Willand Road in Cullompton. The architect 'Inspire Design' provided drawings for a three-storey complex that required structural foundations to accommodate a brick construction superstructure finished with metal balconies and balustrades across the building.



**S P E E D E C K**  
FOUNDATIONS LIMITED

## High Street and Willand Road, Devon

<b>CLIENT TYPE</b>	Later Living Developer
<b>LOCATION</b>	Cullompton, Devon
<b>NO. OF UNITS</b>	1 slab for 43 units



## Expert Design

Our in-house engineers specified a NHBC compliant 300mm reinforced concrete raft foundation solution for the plot, supported by 300mm diameter CFA (Continuous Flight Auger) piles. This specification provided an optimal solution allowing a continuous reinforced concrete raft without thickenings, minimising localised ground disturbance and the need for extensive excavation.

We simplified the construction process through our design modelling using finite element software, we modelled the structural loads onto the new structural foundation thereby optimising the efficiency of the raft and pile arrangement, whilst also considering the drainage & services routing in relation to our proposed pile arrangement. We installed 1342m<sup>2</sup> of piled structural foundations in less than 9 weeks including underslab drainage, inspection chambers and service ducting.

## Client Success

We successfully delivered the later living foundation solution for McCarthy Stone's retirement living development, now named Foxglove Place, a 43-bed retirement living complex in Cullompton. Utilising a CFA piled raft foundation and a detailed under-slab drainage system, we installed a stable and efficient solution with minimal ground disturbance.

The project remained on schedule, meeting all agreed milestones, including piling and concrete pours, all completed within the planned nine-week timetable. Our streamlined approach ensured high-quality results, meeting both the technical demands of the care home foundations and the client's expectations for a smooth and timely construction process.