



Builders hard at work at the Riverspray Lifestyle Estate in Vanderbijlpark.

Poor soil conditions not a concern to Solid Build

VAN DER BIJLPARK. - Poor soil conditions are often a problem faced by builders, in particular those that choose to build property close to the Vaal River.

However, Solid Build, at the forefront of the construction industry in the Vaal region since 1988, have adapted to conditions on the Riverspray Lifestyle Estate on the Vaal River with great success. They have built 219 properties on the estate to date, with the foundations of three houses imminent this week and another 16 homes in the immediate pipeline.

Johan Pienaar, Director of Solid Build and overseeing the work done on Riverspray, attributes much of the success of the building work to Trinamics, the experienced consulting engineers on the development. Trinamics are responsible for ensuring that the foundation of each property is correctly designed to meet the high standard required to withstand the soil conditions. Construction is due to begin on six of their own properties on Riverspray within the next few months.

In the case of Riverspray and many other properties on the Vaal, Trinamics have had to incorporate raft foundations (floating foundations) into the construction (as pictured below).

When asked to explain Johan points out that a raft foundation is a reinforced slab in the correct position on the ground, which allows the foundation to move "in sync" with subtle ground movements, avoiding damage such as cracks in walls. This method has proved to be outstanding.

Solid Build, with its skill in construction, is the perfect complement to Trinamics' foundation expertise. Wynand Haywood, Riverspray developer, holds Solid Build in high esteem.

"They have been fundamental to the success of the estate. We could not have asked for better".

When asked about the influence of Trinamics he replies: "We are lucky; they are unanimously regarded as the best in the region."



The most recent home to be completed by Solid Build on Riverspray is this 260 sqm house. This is the fore-runner to those that currently await approval.