

Client: Christodoulou Real Estates

Value: R 375,000 (Fees)

Services: Structural engineering, stormwater and wet services design; geometric planning and design

Project Duration: June 2014 – July 2015

# Christodoulou Estate Development, Gauteng

Luxury Housing Development: Detail Structural and Civils Design

## The Task

Nurizon was appointed to undertake the structural and civils detail design for a luxury, 5-unit housing development in the Waterkloof Ridge area of Pretoria.

## Design Services

The professional services appointment included the bulk water and wastewater services designs, wet services reticulations, site earthworks design and geometric profiling, pavement design for the internal access roads and structural engineering designs. The latter included the design of reinforced concrete foundations and structural elements, i.e. columns, beams and slabs for each of the housing units.

## The Result

Detail design drawings for each of the housing units were delivered to the client along with construction quantities for tender purposes.



Architectural renderings courtesy of Pattichides & Partners