

# Agrivaal Offices



**Client:** Department of Public Works

**Location:** Pretoria Central Business District

**Date:** 2016

**Value:** R 458 million

This project is the new building for the Department of Public Works in Pretoria Central. It is the first building constructed for the Department with a 4 Star Green Star SA rating.

The project consists of demolishing part of the existing Heritage buildings and also a refurbishment of the remainder of the building. A new building will be constructed which consists of 6 levels of basement and 10 storeys of office accommodation. The total area of the basement is 17 200 m<sup>2</sup>.

**Sustainable building features include:**

- HVAC system with an economic cycle and an ice storage system.
- DALI lighting system that controls the lighting of spaces in use.
- 60% of all the reinforcing steel specified was to have a minimum post-consumer recycled content of 90%.
- Installation of efficient water fixtures and the use of the Pontos Grey Water treatment system.
- Water meters and an air cooled chiller system installed.
- Training of building management staff and issuing a Building Users' Guide for the building owner
- Carbon dioxide monitors, energy meters, and motion sensors installed.
- The use of low Volatile Organic Compounds (VOC) paints, carpets and sealants.
- The use of chillers during unoccupied hours to produce ice which is then used during the day to cool occupied areas.
- The planting of indigenous and xeriscape vegetation.