

earthworks

FOR A SUSTAINABLE BUILT ENVIRONMENT

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MultiChoice City signals a new wavelength



SPECIAL REPORTS Healing architecture + Financing renewables

PROJECTS Zeltz MOCAA, V&A / Kuyasa Regional Library / Sandibe Lodge, Okavango /
Equus Restaurant, Cavalli Estate / House Muller, Gonubie / Thread Cultural Centre, Senegal

TECHNOLOGY PV micro-grids **FUNDAMENTALS PART 4** Solar control

ECOBANK GHANA

new Head Office in Accra

This sleek development is rising in West Ridge, the commercial node of Accra in Ghana. A gross leasable area of nearly 18 000m² for banking and office sectors combined with green principals will make this an energy efficient and high performance building.

arc Architects Pretoria faced numerous design challenges bringing about solutions for a building with distinctive solar and functional requirements. Computer based tools simulating building energy consumption preceded all design decisions. Carefully selected glazing, vertical fins and shading devices help minimize the heat gains in the tropical weather. A durable high performance glass product was selected as cooling expenses are the most dominant operational costs in Ghana.

Due for completion in 2016, this 14 level building will stand tall as part of the Accra skyline and contribute meaningful to the built environment of Ghana.

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