

BATTLE McCARTHY ©

Consulting Engineers & Landscape Architects



PROJECT:

University of Luanda, Angola

CLIENT:

Government of Luanda

ARCHITECTS:

Perkins & Will

BM SERVICES:

Landscape Architecture, Environmental Analysis, Structural & Building Services (MEP) Engineering

COMPLETION:

Due 2004

VALUE:

\$200million



London UK Office
T: +44 (0)20 7440 8282
F: +44 (0)20 7440 8292
E: admin@battlemccarthy.com
www.battlemccarthy.com

DESIGN BRIEF

To develop a sustainable masterplan with Perkins and Will for a new 400,000 m² university campus for Angola, sited on the outskirts of Luanda. The brief called for a design that would meet international standards for educational facilities, but also reflect the cultural values of the country and nation.

DESIGN INITIATIVES/ACTIONS UNDERTAKEN

The landscape proposals aimed to achieve the following objectives:

- Create a landscape within the development that is sympathetic to the climatic and ground conditions of the site.
- Create a functional landscape sustained by ecology for people and wildlife.
- Create an environmentally and socially healthier place to study, live and work.
- Maximise the use of recycled materials or materials with a low environmental impact, including the avoidance of hardwoods, chemical preservatives, polyethylenes and PVC.

The design proposals included:

- Creation of a landscape that has clear legibility and strong graphic quality when viewed from the air.
- Development of a strong visual landscape character to the main entrance approach to create a sense of arrival and place.
- Development of a series of squares and courtyards to underline the urban character and emphasise the differences between the various landscape zones.
- Creation of clear definitions between public and private areas that are physically and visually distinctive.
- Establishment of a strong framework of avenue trees to provide shade along principle movement corridors.
- Retention of existing trees to provide a mature landscape framework within the 'natural landscape' zone.
- Conservation and enhancement of the river corridors as major landscape features within the site.

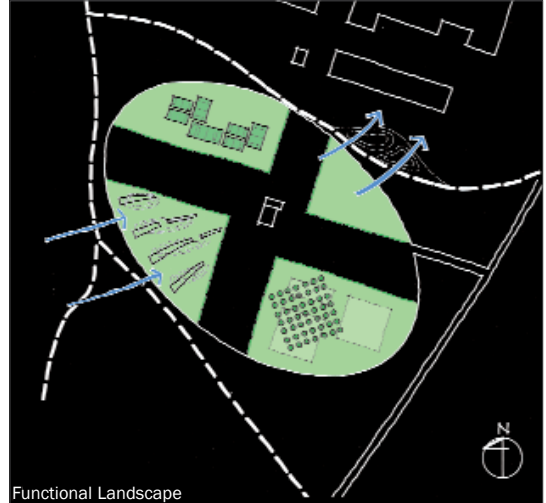
Phase 1 of the project is now under construction on site.



The proposed landscape for the development was broken into a number of landscape zones relating to land use and function, site characteristics, aesthetic considerations and movement:

Natural Landscape	Woodland/Scrub River Corridors
Created Landscape	Main Civic Square College Squares Movement Routeways Main Entrance College Courtyards Faculty Courtyards
Functional Landscape	Formal Recreation Quadrant Botanical Gardens Quadrant Breeze Harvesting Quadrant Savannah Quadrant

A room brief was developed for each of the zones which described the proposed uses, prevailing climatic factors and landscape character.



Functional Landscape



Natural Landscape - Woodland

