

THE STORY OF WASTE
An organic waste recycling park in Pretoria

by
Evette Boshoff



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The Story of Waste: An Organic waste recycling park in Pretoria

By Evette Boshoff

Submitted in partial fulfilment of the requirements for the degree
Master of Landscape Architecture (Professional)

Department of Architecture
Faculty of the Engineering, Built Environment and Information Technology
University of Pretoria

Study leader: Graham Young (Mr)
Course coordinator: Arthur Barker (Dr)

Pretoria
2013



Full dissertation title: THE STORY OF WASTE: An organic waste recycling park in Pretoria

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Degree: Master of Landscape Architecture (Professional)

Department: Department of Architecture
Faculty: Faculty of Engineering, Built Environment and Information Technology
University: University of Pretoria

Project summary

Programme: The recycling of waste and water, urban agriculture

Site description: Berea Park sports grounds

Client: The current owner is the Department of Land Affairs, the proposed client will be a private developer

Users: Residents of Sunnyside and Pretoria CBD and the general public

Site Location: Berea Park, Pretoria South CBD, Pretoria
Address: c/o Justice Mahomed Street and Nelson Mandela Drive, Pretoria, South Africa

GPS Coordinates: 25°45'29.15"S, 28°11'40.87"E

Landscape Architectural Theoretical Premise: Creating awareness through a didactic and Hedonistic sustainable approach, turning the problem into something playful

Landscape Architectural Approach: Designing a sustainable, multifaceted waste park to contribute to the story of waste

Research field: Environmental potential

In accordance with Regulation 4(e) of the General Regulations (G. 57) for dissertations and theses, I declare that this dissertation, which I hereby submit for the degree Master of Landscape Architecture (Professional) at the University of Pretoria, is my own work and has not previously been submitted by me for a degree at this or any other tertiary institution.

I further state that no part of my dissertation has already been, or is currently being, submitted for any such degree, diploma or other qualification.

I further declare that this dissertation is substantially my own work. Where reference is made to the works of others, the extent to which that work has been used is indicated and fully acknowledged in the text and list of references.



Evette Boshoff



ACKNOWLEDGEMENTS

Thank you Lord for all your undeserved kindness and grace and giving me the opportunity and strength to finish this enormous challenge. Without You and all the loving support of my family, it wouldn't have been possible.

Thank you to everyone who carried me through this, for the support and encouragement, love you so much.

My husband, Werner Boshoff, for all your patience, love and support, love you dearly.

To the lecturers, thank you for all your guidance and the knowledge you shared.



ABSTRACT

The main focus of the project is to tell the story of waste - to improve awareness and to help people grasp the colossal problem of landfill space running out! Currently, only 5% of the 3 million tons of waste, produced by Tshwane per year, is being recycled at landfill sites and yet 80% of the waste is recyclable! (Dekker, F. 2012)

Where will we go with all of our waste when there's no space left for landfill sites? What would happen if landfill sites start to take over our parks and green open spaces?! We need to start thinking green and recycle in order to prevent this from happening.

The idea behind the design is to change the visitors' perception of waste by allowing the visitors to go through a process of discovery in order to experience and become aware of the problem and value of waste in a fun and exciting way. The project is multifaceted with a variety of activities and spaces that contribute to the story of waste being told - educating the visitors about the endless possibilities of recycled waste and how they can make a difference by recycling and using waste as a resource.

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