

The Prolific Partition

*Architecture as catalyst for nature reserve conservation structured
in the in-between of Urban and Nature.*

Armand Visagie

The Prolific Partition:

*Architecture as catalyst for nature reserve conservation
structured in the in-between of Urban and Nature.*

by

Armand Visagie

Submitted in fulfilment of part of the requirements for the degree Master of
Architecture (Professional) in the Faculty of Engineering, Built Environment
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Abstract:

Nature reserves in the City of Tshwane are under threat from ecological and historically significant decay due to the less defined nature of these landscapes. Architecture in form, function and technology can be developed in the in-between of nature and urban to act as conservator for these nature reserves. Utilizing the natural resources of nature to produce products for the urban dweller within a space that conserves the historical protective layers of the site. The space of interaction between nature and urban becomes the conservator, acting as active protector in terms of sustainable production, education and urban dweller interaction with the nature reserve and its continuous history of protection.

Opsomming:

Natuurreservate in die stad Tshwane word bedreig deur ekologiese en historiese betekenisverval weens die minder gedefinieerde aard van hierdie landskappe. Argitektuur in vorm, funksie en tegnologie kan ontwikkel word in die tussen ruimte van natuur en stedelike gebiede om as natuurbewaarder vir hierdie natuurreservate op te tree. Die natuurlike hulpbronne van die natuur kan gebruik word om produkte vir die stedelike inwoner te produseer binne 'n ruimte wat die historiese beskermende lae van die terrein laat voortduur. Die ruimte van interaksie tussen natuur en stedelike word die bewaarder, wat optree as 'n aktiewe beskermer in terme van volhoubare produksie, opvoeding en stedelike inwoner interaksie met die natuurreservaat en sy voortgesette geskiedenis van beskerming.



Dissertation Summary

Project Title

The Prolific Partition: Architecture as catalyst for nature reserve conservation structured in the in-between of Urban and Nature.

Project Location

Wonderboom Nature Reserve
c/o Lavender and Mansfield Road, Wonderboom, Pretoria, Gauteng.
(dd) -25.695156, 28.187321

Research Fields

Environmental Potential (EP) & Heritage and Cultural Landscapes (HCL).

Function

Nature Reserve Conservation Facility

Keywords

Conservation, Historical Significance, Ecological Decay, Nature Reserves, Ecosystem Services, Hospitable Form.

Theoretical Premise

Investigation of Architecture structured in terms of form, function and technology as conservation catalyst between Urban and Natural environments.

Course Coordinator

Prof. Athur Barker

Study Leader

Prof. Piet Vosloo

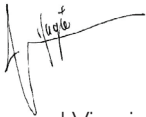


Declaration:

In accordance with Regulation 4(e) of the General Regulations (G.57) for dissertations and theses, I declare that this thesis, which I hereby submit for the degree of Master of 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 thesis has already been, or is currently being, submitted for any such degree, diploma or other qualification.

I further declare that this thesis 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.



Armand Visagie

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