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P R O D U C T I O N B E Y O N D P R O D U C T

PRETORIA WEST BIO-DIESEL PLANT - by Mias Claassens

Buitenkant Street, Pretoria West Industrial area, City of Tshwane.

Submitted in fulfilment of the requirements for the degree of Masters in Architecture (Professional) in the Faculty of Engineering, Built Environment and Information Technology, University of Pretoria, South Africa. November 2010.

Study leaders: Derick de Bruyn and Ida Breed.



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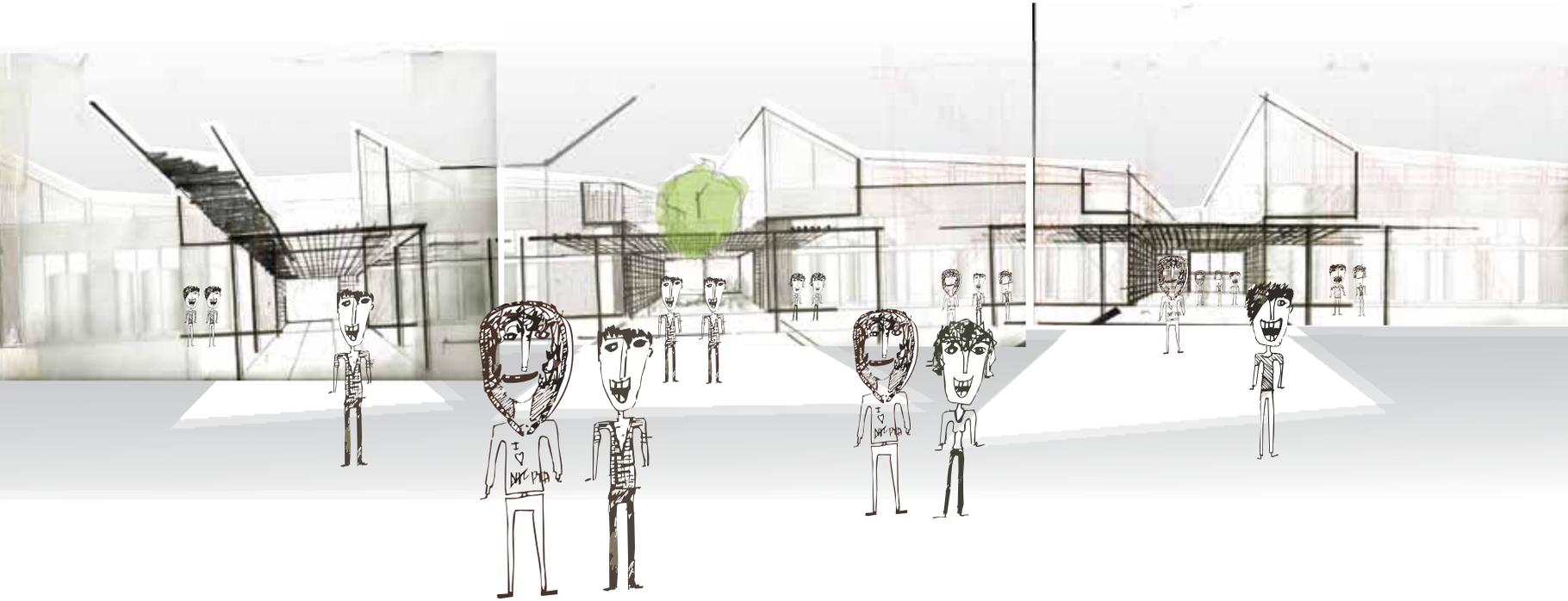


Figure 1. Visionary image of the Pretoria West Bio-diesel plant: Buitenkant Street, Pretoria West Power Station, Pretoria West Industrial area, City of Tshwane: Author 2010.



In 1991 a landfill just outside of New York City surpassed the Great Wall of China as the largest human-made structure on earth.

Freshkills Park will be almost three times the size of Central Park and the largest park developed in New York City in over 100 years. The transformation of what was formerly the world's largest landfill into a productive and beautiful cultural destination will make the park a symbol of renewal and an expression of how our society can restore balance to its landscape (New York City Department of Parks and Recreation, 2010).

Human demand for resources has reached unprecedented levels.

The case for an architecture that is regenerative and environmentally sustainable has never been stronger.



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