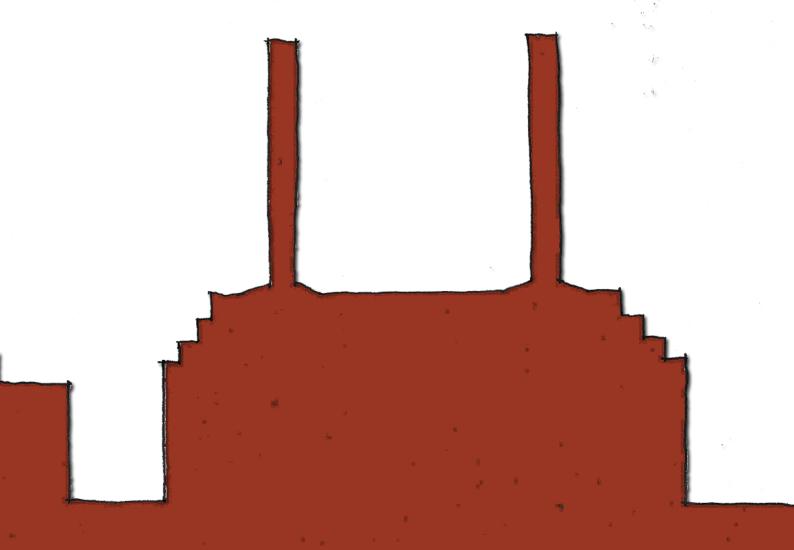


progression at the Pretoria West Power Plant



## [preserve integrate intervene]

progression at the Pretoria West Power Plant

## - tracy leigh clark -

Submitted in fulfilment of part of the requirements for the degree of Magister in Architecture (Professional) in the Faculty of Engineering, Built Environment and Information Technology, University of Pretoria

November 2010





to my father, Chris, and his father, Richard the men who began a legacy of architecture in our family

[Fig. 1] Some of us from 'The Old Power Plant' Framework group whilst on a site visit, from the left: Tracy Leigh Clark (me), Izaan Pauw, Mias Claassens, Jaco van Biljon and P G Smit



## thank you...

[chris clark] [jill clark] [leigh brendon barnes] [danie joubert] [izaan pauw] [mias claasens] [pg smit] [caroline clark] [jaco van biljon] [calayde davies] [angelica koch] [arthur barker] [muse] [prof. piet vosloo] [dusty saunders] [darryn botha] [johan swart] [marga viljoen] [ilse behrens] [wallace honiball] [henry boardman][jacobus erasmus] [goldfish] [justin bieber] [chemical brothers] [jhono bennett] [prodigy] [placebo] [woolworths]

## abstract



This thesis is about the adaptive reuse of an old turbine hall at the Pretoria West Power Plant. As part of a proposed urban framework the Power Plant is developed as a node that connects the Pretoria CBD to Atteridgeville.

The driving concept generator for this scheme is the idea of progress.

The Turbine Hall has progressively been extended over time. This progress is demonstrated through increasingly dominant new interventions which also demonstrate where the building opens up to the public.

A program for the building is based on the results of site analysis, and in response to the urban framework. This program stimulates progress for people by creating a place that supports the production of entrepreneurs and encourages economic upliftment. The adapted building will contain an affordable housing component, rentable workshops, training facilities where people can learn business skills and crafts, a large artists' studio, a restaurant and an arts and crafts exhibition gallery. These functions support each other and create and environment where people can live, work and socialise.









[chapter 1] background: urban framework	13		
chapter 2] thesis project: introduction chapter 3] methodology chapter 4] theoretical informants chapter 5] precedent chapter 6] context & site	27		
	32 40 48 68		
		[chapter 7] design development	100
		[chapter 8] technical approach	124
		[chapter 9] design resolution	130
[chapter 10] technical resolution	144		
[list of figures]	162		
[list of sources]	167		

