

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

Faculty of the Built Environment

AAR 6202: RESEARCH FOR ARCHITECTURAL DESIGN

SPACE AS CONCRETE ABSTRACT: INVESTIGATING THE RELATIONSHIP BETWEEN SPACE AND SHAPE.

Chitungwiza Business Promotion Centre

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ABSTRACT

Oppositional compositions created from form (shape) and cognitive voids (space) are not fully exploited in form development yet have the potential to produce engaging and innovative architectural form. This thesis investigates the relationship between shapes and spaces in architecture and how they may achieve visual interest in the local built environment. The research firstly breaks the relationship down to the basic entities of firstly understanding what shape and space are in architecture and how the space may be turned into a concrete abstract in the form of figural or cognitive voids. The impact of these voids on International and regional precedent studies is also assessed and this is also analysed on a local level. After fully appreciating the multifacets of the impact of the void on the architectural form, the design then analyses the practicalities of adapting the void in Zimbabwean environs. Conclusions and recommendations made thereafter shed light on the adaptiveness of the cognitive voids on the Zimbabwean built environment.