

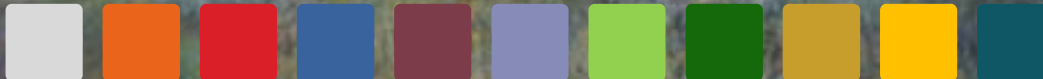
DESIGN PRESENTATION DRAWINGS

166



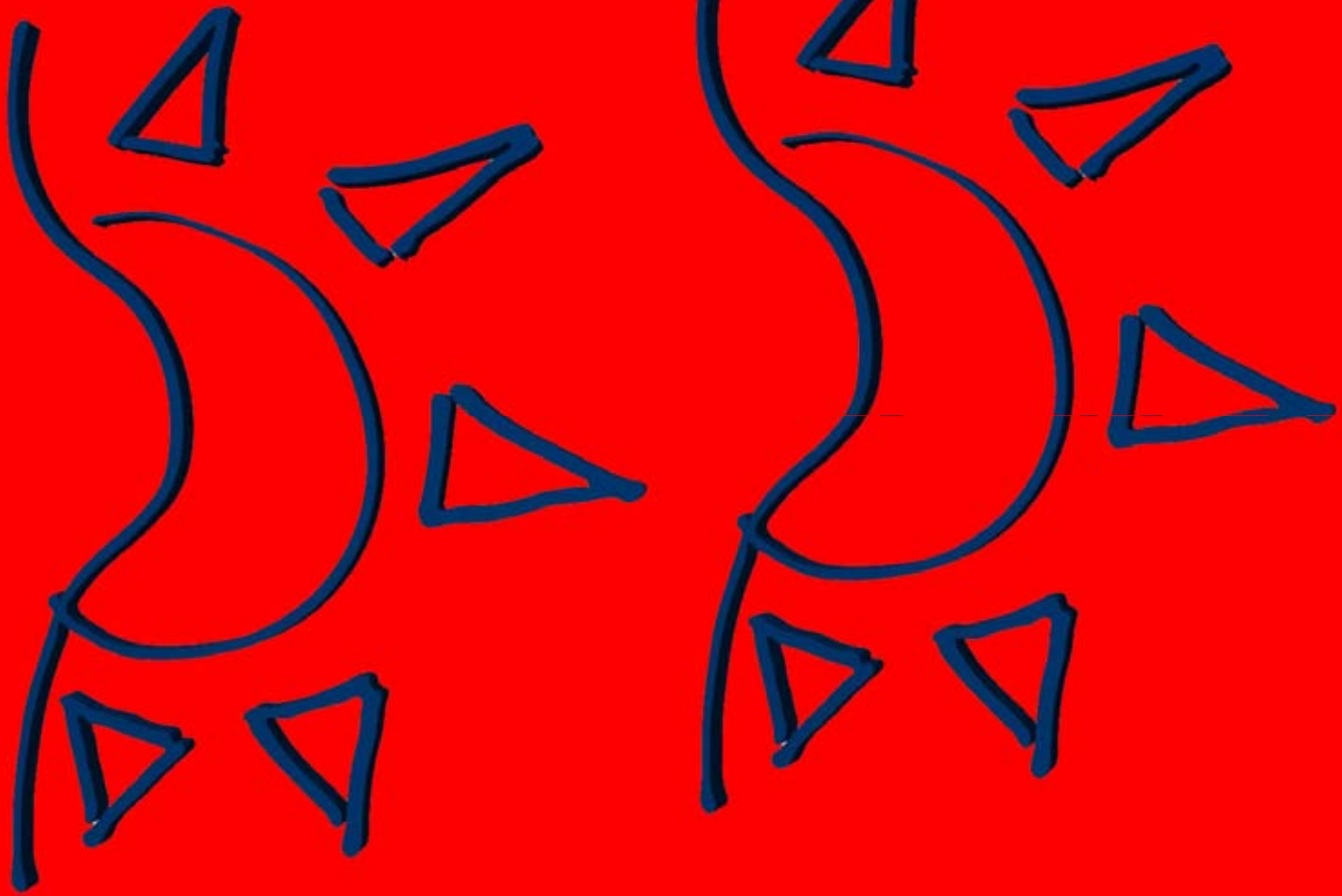
Design Presentation Drawings

It is an ideal which I hope to live for and to achieve. But if needs be, it is an ideal for which I am prepared to die (Nelson Mandela, Rivonia Trial 1964).



DESIGN PRESENTATION DRAWINGS

Facilitating the transformation of a new Marabastad through Architecture



MARABASTAD TRADERS CENTRE FOR ARTS



“The success of the whole community depends on the success of its individual members, while the success of each member depends on the success of the community as a whole.” Fritjof Capra



...A traders centre focused on improving skills development in a community through the use of Art...





WHAT? WHY? WHEN? HOW? WHERE? WHO? PRODUCT? ECONOMIC SUSTAINABILITY?

WHAT- TRADERS CENTRE FOCUSING ON SKILLS DEVELOPMENT WITHIN THE AREA.

WHY- SHORTAGE OF SKILLS WITHIN COMMUNITY, POVERTY, THE LIVES OF THE COMMUNITY MEMBERS NEEDS TO BE IMPROVED.

WHEN- THE PROPOSAL IS DESIGNED TO BE IMPLEMENTED INTO THE CURRENT CONTEXT.

HOW- THE FACILITY WILL BE BUILT AS PART OF THE METROPOLITAN MUNICIPALITY'S COMMUNITY DEVELOPMENT PLANS FOR THE REHABILITATION OF THE MARABASTAD COMMUNITY.

WHERE- THE PROPOSAL IS SITUATED IN CENTRAL MARABASTAD ON THE PREVIOUS SITE LOCATION FOR THE PUTCO BUS COMPANY, WHICH HAS BEEN RELOCATED TO ROSEVILLE.

WHO- THE FACILITY IS DESIGNED FOR THE INFORMAL AND LESS FORTUNATE COMMUNITY MEMBERS OF MARABASTAD.

PRODUCT- THE FACILITY WILL PRODUCE WORKS OF ARTWORK, POTTERY, CARPENTRY, MOSAICS, SCULPTURE, AFRICAN HANDICRAFTS AND BEADWORK, MUSIC, COMPUTER LITERACY, COMPUTER AIDED DESIGN WORKSHOPS AND BUSINESS SKILLS TRAINING. THE PRODUCTS SOLD AT THE CENTRE WILL BE HANDCRAFTED BY DISADVANTAGED COMMUNITY MEMBERS WHO HAVE BEEN GIVEN A PLATFORM AND OPPORTUNITY TO DEVELOP THEIR SKILLS AND MAKE A LIVING OUT OF IT AT THE CENTRE.

ECONOMIC SUSTAINABILITY- THE PRODUCTS SOLD AT THE FACILITY IS DESIGNED FOR TOURISM AND TOURIST MARKETS AS WELL AS STRENGTHENING THE HERITAGE ASPECT OF MARABASTAD.

SEEN AS A CULTURALLY BINDING CONCEPT AND IS UNDERSTOOD AND INTERPRETED IN MANY DIFFERENT WAYS, BY SO MANY PEOPLE FROM ALL WALKS OF LIFE..."

"THE PROPOSAL IS SEEN AS A SCULPTURAL WORK OF THE PENETRATION OF FORM, IT IS AN EXPRESSION OF FORM AND COLOUR"



MARABASTAD TRADERS CENTRE FOR ARTS



SITE, NEEDS, PROBLEM STATEMENT, CONTRIBUTION, FORM

SITE- SHORTAGE OF SKILLS WITHIN THE CONTEXT

NEEDS- INFORMAL TRADERS NEED TO BE ACCOMMODATED FOR IN THE PUBLIC REALM

PROBLEM STATEMENT- CAN A NEW SKILL BEING INTRODUCED INTO MARABASTAD SUCH AS ART HELP IN FACILITATING THE TRANSFORMATION OF A NEW STRENGTHENED COMMUNITY?



the site

barriers

5th street pedestrian spine

heritage buildings

WHAT IS THE MARABASTAD TRADERS CENTRE CONTRIBUTING TO THE WORLD

OF ARCHITECTURE- ARCHITECTURE NEEDS TO BE COMMUNITY ORIENTATED AND FOCUSED ON IMPROVING THE LIVES OF EACH AND EVERY MEMBER OF THE COMMUNITY. THE MARABASTAD TRADERS CENTRE IS A CONTRIBUTION TO COMMUNITY ARCHITECTURE.

WHAT IS THE FORCE DRIVING AND INFLUENCING THE FORM OF THE

BUILDING- ART IS A MANIPULATION AND INTERPRETATION OF FORMS, ARCHITECTURE IS A MANIPULATION OF PUBLIC MASSING AND FORMS. THE FORM OF THE MARABASTAD TRADERS CENTRE FOR ART MANIPULATES FORM WHEREBY PENETRATION OF DIFFERENT MECHANICAL ELEMENTS SUCH AS VENTURI CHIMNEYS BECOME AN EXPRESSIVE QUALITY IN THE BUILDING DESIGN.



the new neighbourhood



CONTEXT



EDUCATION

Pancho Guedes' painting of the smiling lion apartment section makes structural sense as the cantilevered edges of the slab are a structural architectural-form.





SUMMARY:

Abstract

LACK OF A SKILLED WORKFORCE IN NEIGHBOURHOOD, PROPOSAL COMPRISES OF IMPROVING SKILLS DEVELOPMENT WITHIN THE COMMUNITY.



The branding and logo designed by the author represents quality, sustainability, community spirit and pride. It is a symbol the author envisions as being part of the restoration and rehabilitation of the vibrant Marabastad neighbourhood. The symbol can be seen as a catalyst for sustainable development in Marabastad, as well as representing the future and the restoration of the Marabastad community as a whole.

The City of Tshwane Metropolitan Municipality is currently investing in the Marabastad neighbourhood. A jazz Centre is being built on the curve where Blood Street enters the neighbourhood; this is the focus and study area of this thesis document. In the future this area will be a place where people can meet and gather freely, a freedom previously denied by the Apartheid government. South Africa's democracy is so recent that the signs of fragmented communities can still be seen throughout the country. This fact needs to be addressed by town planners, developers and architects. The study area is only the beginning of the restoration process and represents many possibilities and opportunities; it is here where the African sun will always shine, will always create opportunities for its citizens and will always provide for them.

The discourse attempts to provide a design solution that best reflects the current issues of our times. It promotes a sustainable development that is proudly South African. Culture and location is what identifies communities and people from other cities and other countries. It is what binds us as a people. Culture is best illustrated by artworks and performing arts; art is integral to a society and integral to rebuilding it in order for it to identify itself as a community.

Art forms the basis of this exploration and informs the author throughout the design process. Through the use of art as a cultural guiding principle, and through the theoretical understanding of urban design and urban principles, an architectural solution can be found.



Location map of Marabastad in the City of Tshwane



The Marabastad neighbourhood is a vibrant and diverse community with a rich cultural heritage.

...we will have to re-examine the kind of modern world we have imposed upon the planet -- economic, technological, artistic. We will have to re-examine, and rebuild, the decaying foundations of our own modern culture (Tshwane, 2002).



Marabastad is a vibrant and diverse community with a rich cultural heritage. The image shows a person holding a colorful, patterned object, possibly a piece of art or a textile.



ARTISTIC IMPRESSION OF PROPOSED NEW MARABASTAD TRADERS CENTRE FOR ARTS

Skills are lost and forgotten, the proposal's goal is to activate and nurture certain cultural skills and provide a platform whereby these skills can survive generations.

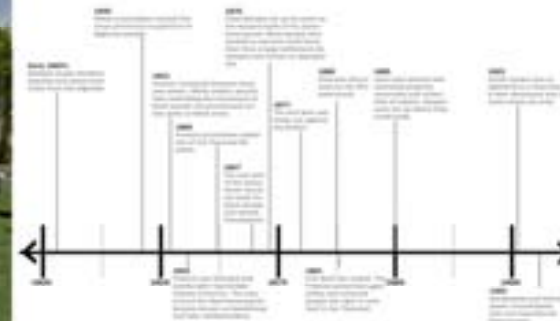
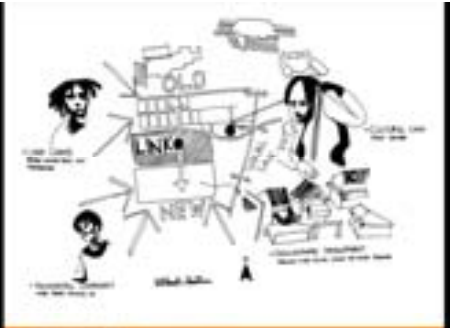
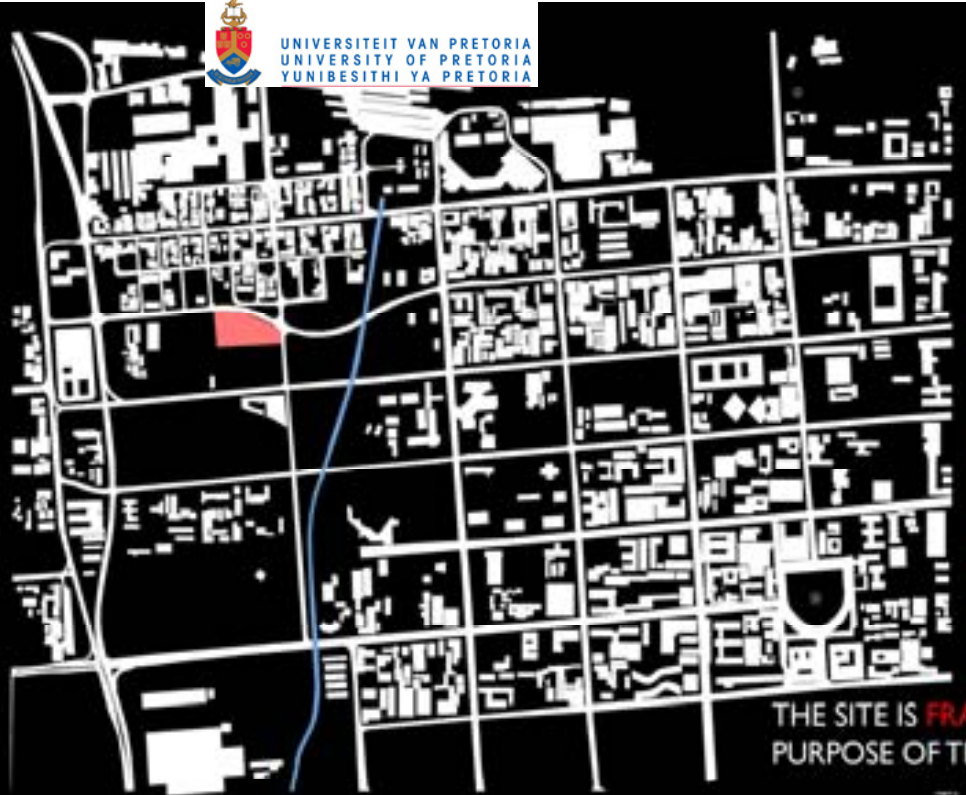


Fig 1.1.1: Marabastad Traders Centre for Arts (1990-2000) timeline

"A platform celebrating cultural diversity through skills and the process of acquiring a particular knowledge and translating it into a PRODUCT OF CREATIVITY, a work of ART..."

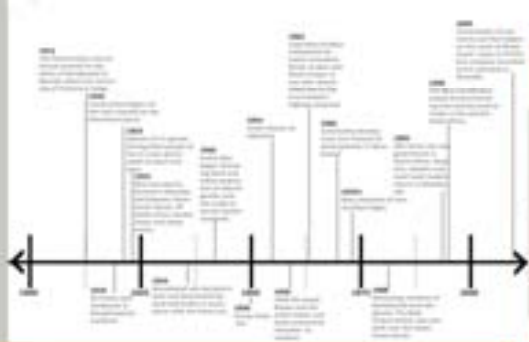


THE SITE IS **FRAGMENTED** AND THERE IS **INSUFFICIENT** PURPOSE OF THE PROPOSAL IS TO ADDRESS THESE PRO

Can Architecture, Planning and Art serve as tools to strengthen communities? What strengthens communities? Skills?

In order to strengthen a community there needs to be a balance between ownership, identity, **SKILLS**, infrastructure and resources .

The proposal aims at becoming a repository for the memory of the area. Art was identified as a skill which can become a culturally binding concept and product in order to strengthen the community.



CHAOS THEORY AND COMPLEXITY APPLIED TO ARCHITECTURAL MASSING: Bernard Cells seem to form irregular patterns but on closer inspection are actually orderly.

THE DESIGN OF THE FACILITY MIMICS A SCULPTURAL PLAY OF DIFFERENT FORMS THAT AS A WHOLE BECOME ORDERLY.

MARABASTAD TRADERS CENTRE FOR ARTS



THEORY

compact city, n. (pl. -ies): 1 a high density, mixed-use compact urban form (Porter, 2004).

memory, n. (pl. -ies): 1 a recollection. 2 the faculty by which things are recalled to or kept in the mind (Concise Oxford English Dictionary, 1995).

THE PROPOSAL CONTRIBUTES TO THE DEVELOPMENT OF A COMPACT CITY.

ARCHITECTURE PLANNING ART

3 FIELDS WORKING TOGETHER ALLOW TO ADDRESS PROBLEMS WITHIN THE SITE. **SOMETHING NEW, NEW SKILLS, NEW POSSIBILITIES....** THE PROPOSAL IS BASED ON THE HISTORY OF THE AREA AND THUS BECOMES A REPOSITORY.

ART INFORMS THE DESIGN PROCESS.



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA



EAST ELEVATION 1:100

ECONOMIC SUSTAINABILITY?– THE PRODUCTS SOLD AT THE FACILITY IS DESIGNED FOR TOURISM AND TOURIST MARKETS AS WELL AS STRENGTHENING THE HERITAGE ASPECT OF MARABASTAD.

SITE?– SHORTAGE OF SKILLS WITHIN CONTEXT.

PROBLEM STATEMENT?– CAN A NEW SKILL BEING INTRODUCED INTO MARABASTAD SUCH AS ART HELP IN FACILITATING THE TRANSFORMATION OF A NEW STRENGTHENED COMMUNITY?

WHAT IS THE MARABASTAD TRADERS CENTRE CONTRIBUTING TO THE WORLD OF ARCHITECTURE?– ARCHITECTURE IN SOUTH AFRICA NEEDS TO BE COMMUNITY ORIENTATED AND FOCUSED ON IMPROVING THE LIVES OF EACH AND EVERY MEMBER OF THE COMMUNITY. THE MARABASTAD TRADERS CENTRE IS A CONTRIBUTION TO COMMUNITY ARCHITECTURE.

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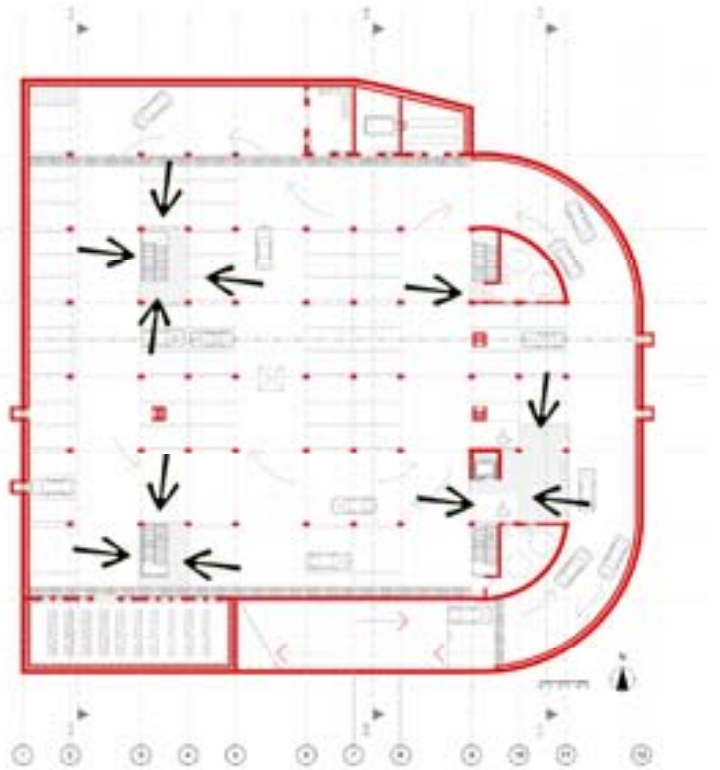


ARTISTIC IMPRESSION OF PROPOSED NEW MARABASTAD TRADERS CENTRE FOR ARTS

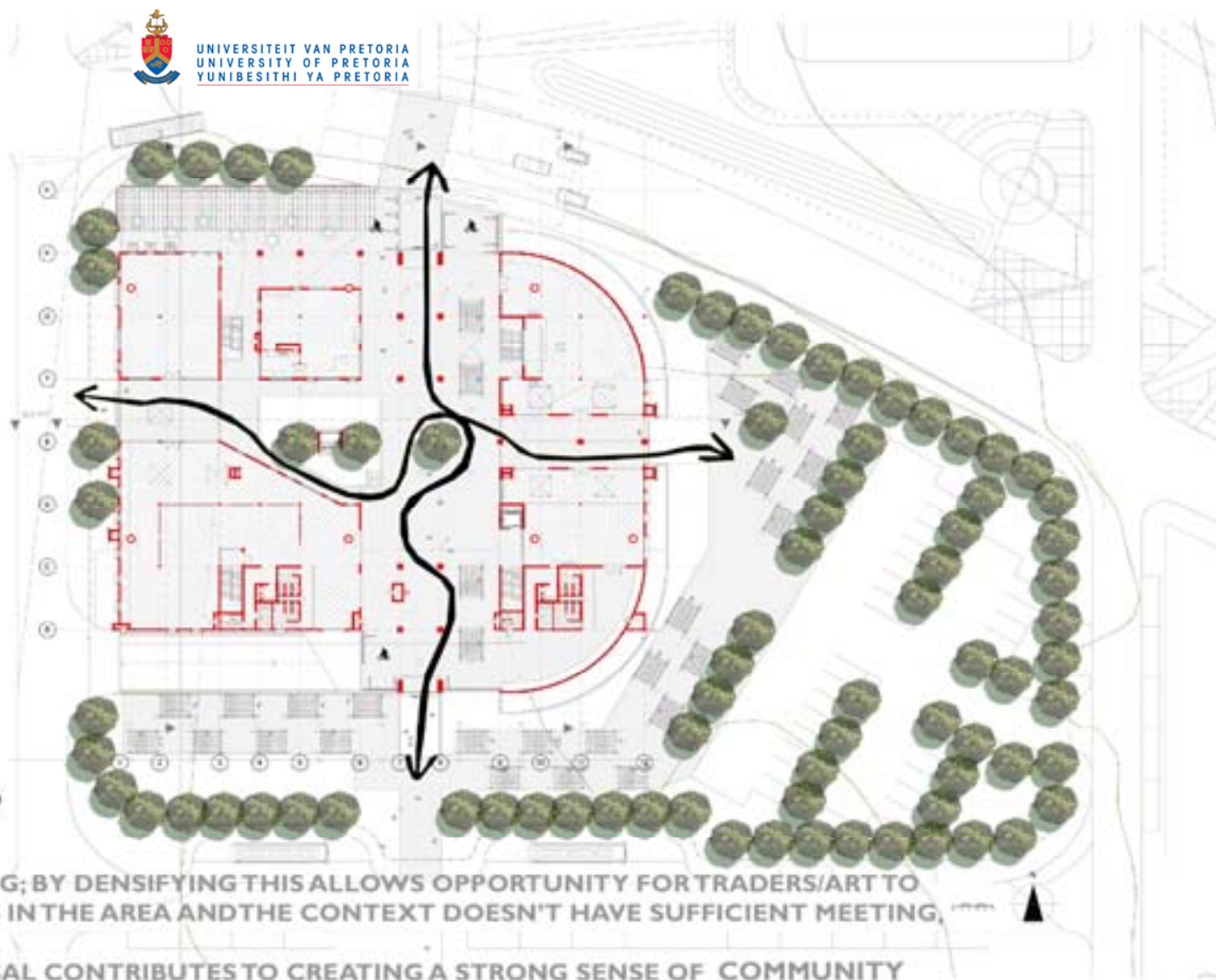


OPPORTUNITY THROUGH SKILLS

ARTISTIC IMPRESSION OF PROPOSED NEW MARABASTAD
TRADERS CENTRE FOR ARTS



CIRCULATION ROUTES 1:200

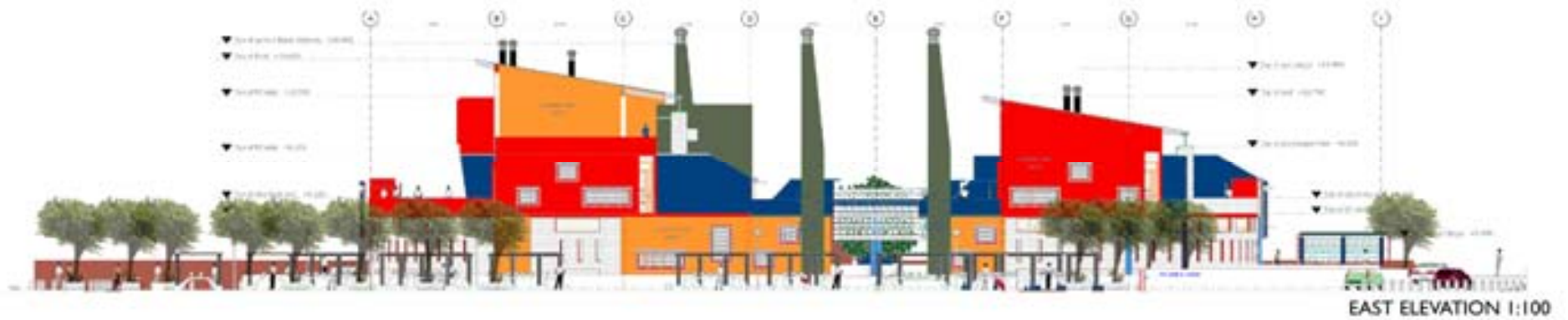
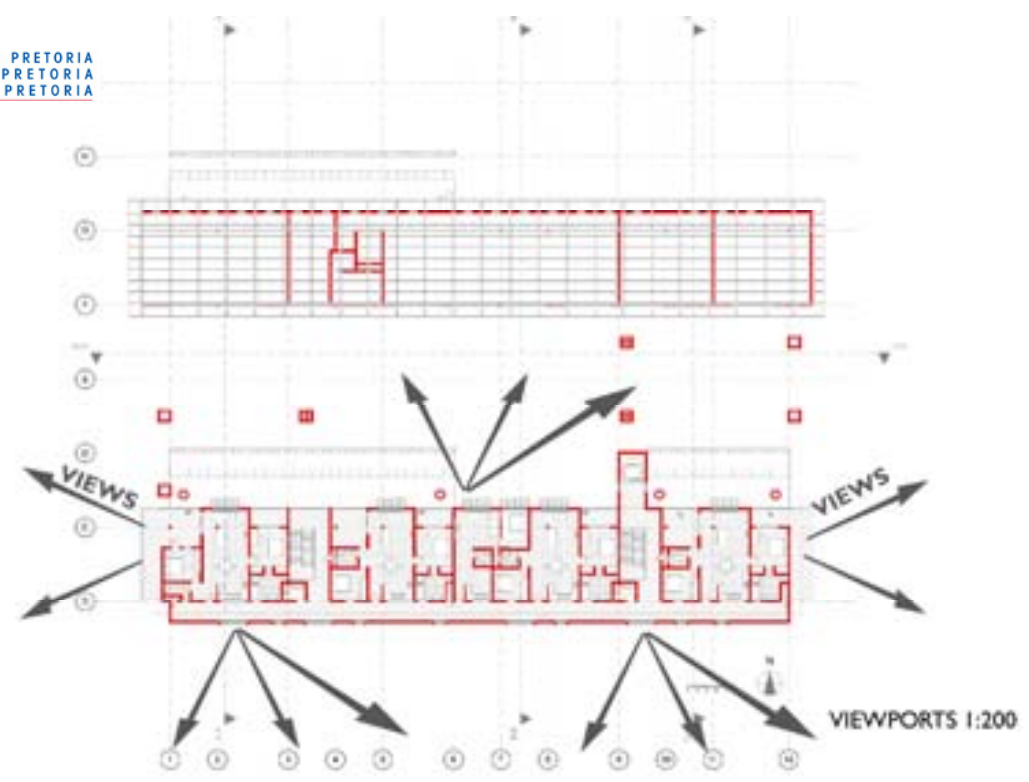
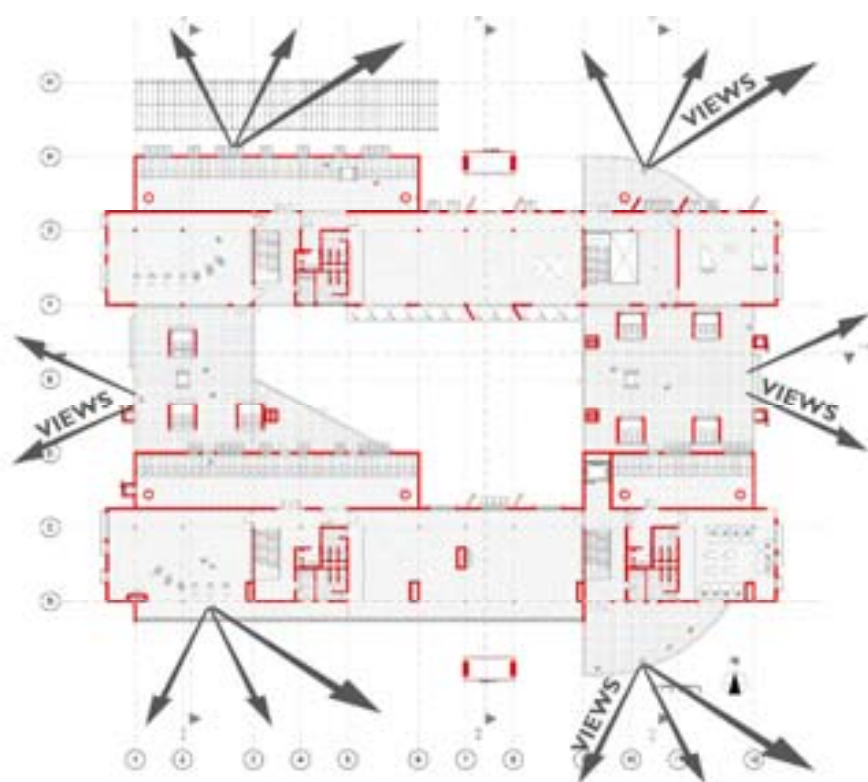


MIXED USES + FUNCTIONAL VARIETY, DENSIFYING; BY DENSIFYING THIS ALLOWS OPPORTUNITY FOR TRADERS/ART TO BE SUPPORTED. THERE IS A SHORTAGE OF SKILLS IN THE AREA AND THE CONTEXT DOESN'T HAVE SUFFICIENT MEETING,

GATHERING, AND TRADING SPACES. THE PROPOSAL CONTRIBUTES TO CREATING A STRONG SENSE OF COMMUNITY AND IDENTITY.



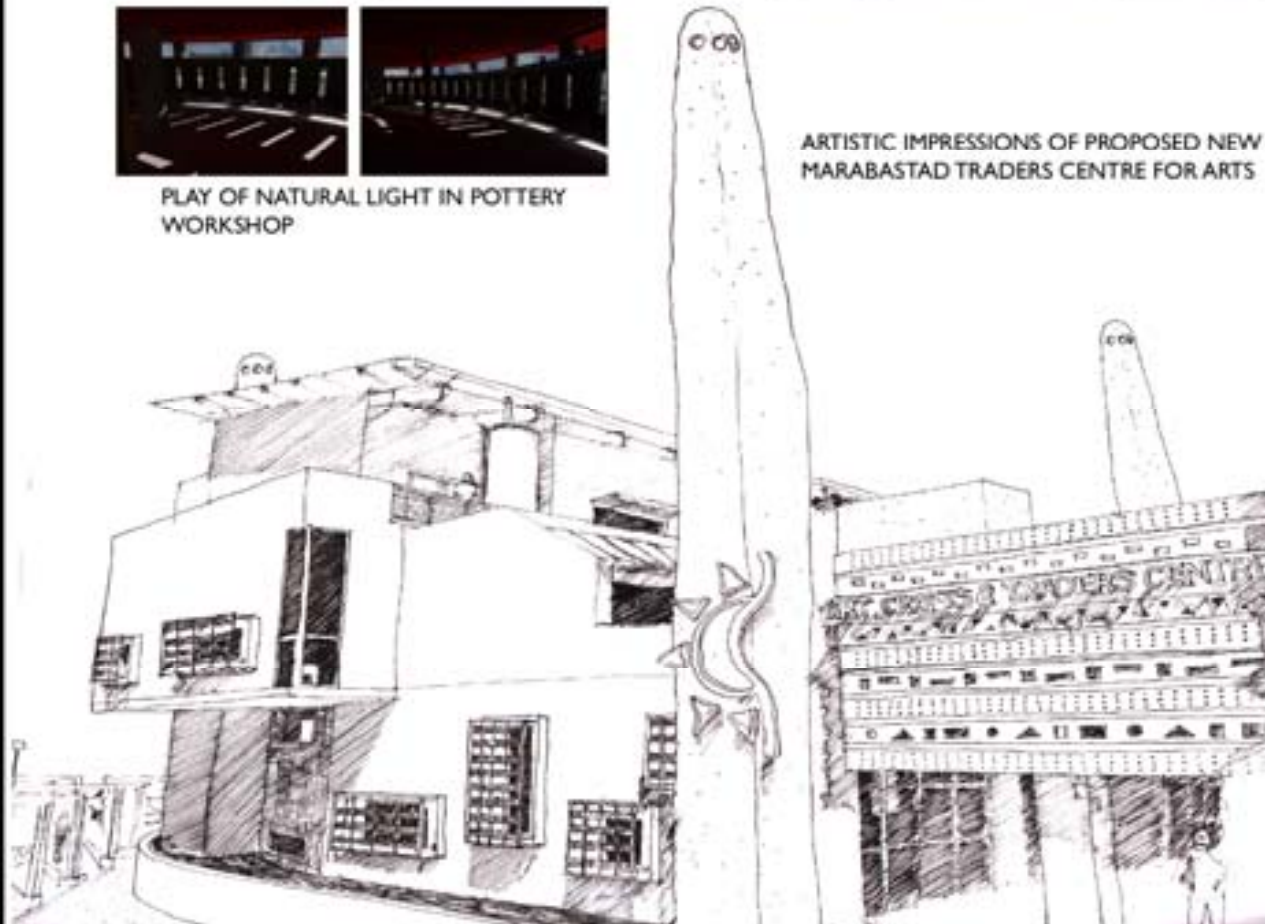
NORTH ELEVATION 1:100

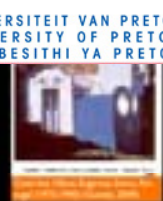




PLAY OF NATURAL LIGHT IN POTTERY WORKSHOP

ARTISTIC IMPRESSIONS OF PROPOSED NEW MARABASTAD TRADERS CENTRE FOR ARTS





ART + EXPRESSION

EXPERIMENT USING PARTI DIAGRAM OF 'SMILING LION' AND SUPERIMPOSING THE SECTION OF THE MARABASTAD TRADERS CENTRE FOR ARTS... **ARTISTIC INTERPRETATIVE FORM TRANSLATED INTO ARCHITECTURAL PHYSICAL FORM**



The author started off with Pancho Guedes' painting of The Smiling Lion apartment section-1982 (Guedes, 2009).
The author then created a parti diagram section of the proposed new Marabastad Traders Centre for Arts and superimposed this parti diagram onto the painting.
The author then removed the painting and the parti diagram remained. It was noted by the author that Pancho Guedes's form of the painting is similar to the structural form of the proposed new Traders Centre for Arts.
The experiment proves that art can influence the overall structure of an architectural model in terms of form.

How can an Architectural solution be created based on Art?Art is an Interpretation of forms.

MECHANICAL + FUNCTIONAL....."EXPRESSIVE"

TECHNICAL INVESTIGATION

MATERIAL SELECTION



GARDEN IRRIGATION



DIFFERENT PARTS OF THE BUILDING ARE INTEGRATED, SECTIONS ARE EXPRESSIVE AND

INTERIOR ELEMENTS, MECHANICAL AND FUNCTIONAL COMPONENTS, **PENETRA AN EXPRESSIVE FORM.**



MARABASTAD TRADERS CENTRE FOR ARTS



(Figure 247) Photograph of final presentation in room 4-3, Boukunde building. University of Pretoria, South Africa.(Author, 2009).



(Figure 248) Photograph of final presentation in room 4-3, Boukunde building. University of Pretoria, South Africa.(Author, 2009).

