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design development concept

To develop a building that enhances the quality of life, and to develop a language that is derived by and from the physical and historic terrain of the Marabastad

integration of Marabastad's best qualities into the chosen site, **heritage**, natural environment, climate, scale, diversity, public space

THE GATHERING SPACE

fig.31

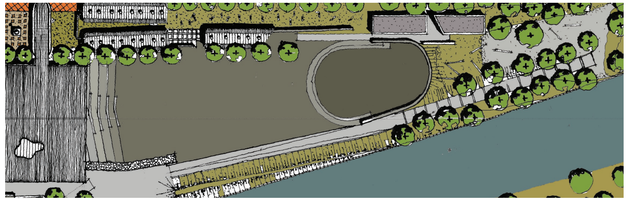


fig.32

THE CONSULTING ROOMS

The distinct functions and spaces, a collective of individual buildings to formulate a whole. The consulting rooms have different uses individually, but formulate a cluster reading as one, with individual courtyards tying them together and creating a unified divide amongst them.

fig.33

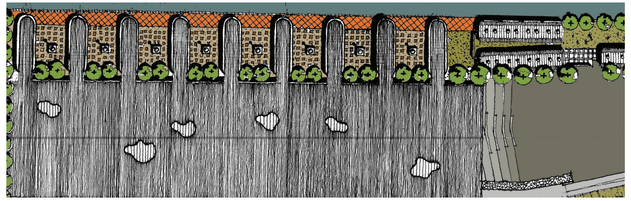
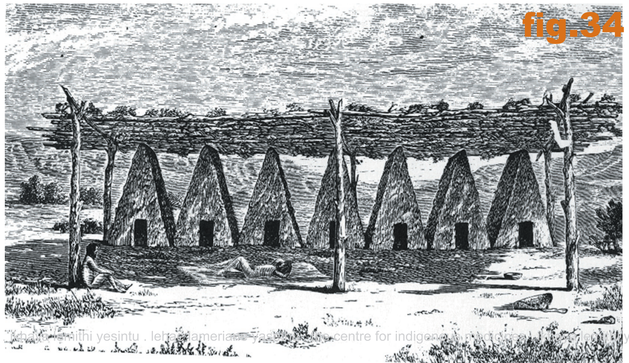
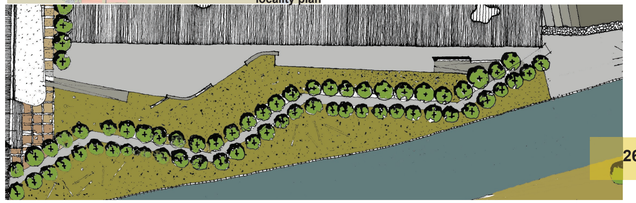


fig.34



THE RECREATIONAL SPACE

fig.35



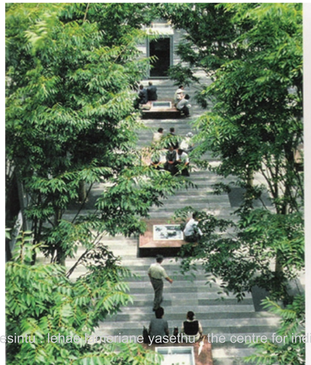


fig.36

the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lame

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design investigation

building shape and form
integrate Marabastas's best qualities.

MARABASTAD
the experience

heritage
- the history of marabastad
- the people
- diversity
- built environment

multi-dimentional
multi-cultural
continuously evolving:

natural environment
- the natural vegetation
- existing fabric
- padestrian movement

climate

appropriate response

cross ventilation
orientation
external sun shading

scale
- industrial
- small scale
- intimate
- unintruding

elevation/views
- soft to the eye
- aestetically pleasing
- not dominating

aestetic
- pleasing to the enduser
- complement the existing fabric

publicness
- open to the public
- for the public
- inviting to all
- safe

public space

public amenity
credible

diversity

THE NETWORK

INTERGRATE

land, values, traditions, customs, buildings

MARABASTAD

BEST

QUALITIES

BUILDING MATERIALS/ ELEMENTS

A robust building reflecting our time, creating a legible whole

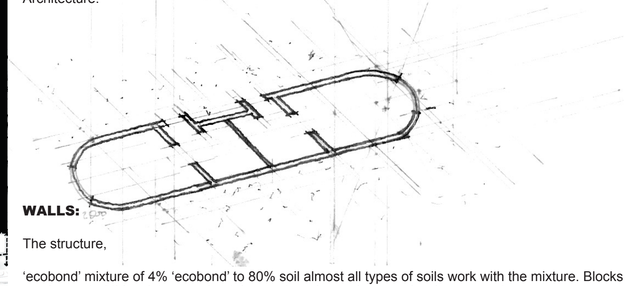
Building materials are used with historical and cultural reference, the association of materials and elements to their originating source makes present that memory in the new context. Materials are therefore a means of commemorating places, events, our cultural and social heritage.

Building of the centre in its context gives opportunity to elevate the status of informal and alternative building technologies and materials, exposure will be given to the possibilities resulting from the integration of urban and rural building practice, craft and hi_technology.

The design of the building as a collection of parts that are of a standard construction technique, allows for it to be constructed and put together by smaller contractors and gives opportunity for building the economic and social empowerment.

THE CONSULTING ROOMS:

Walls are moulded into thickness of earth wall, recalling the mud construction of traditional African building technology with polished screeded textured floors remind of dung floors African vernacular Architecture.



WALLS:

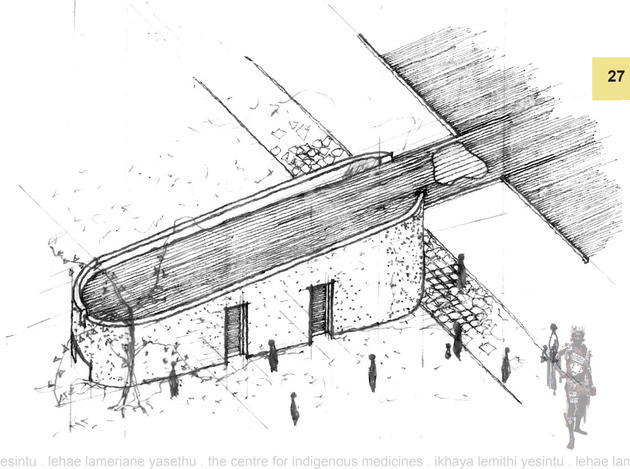
The structure,

'ecobond' mixture of 4% 'ecobond' to 80% soil almost all types of soils work with the mixture. Blocks can be cast of this mixture, curing takes up to a day and sets as hard as concrete.

the finish,

Polished textured walls, atrwork to be done by the people, according to approval of the design.

fig.39



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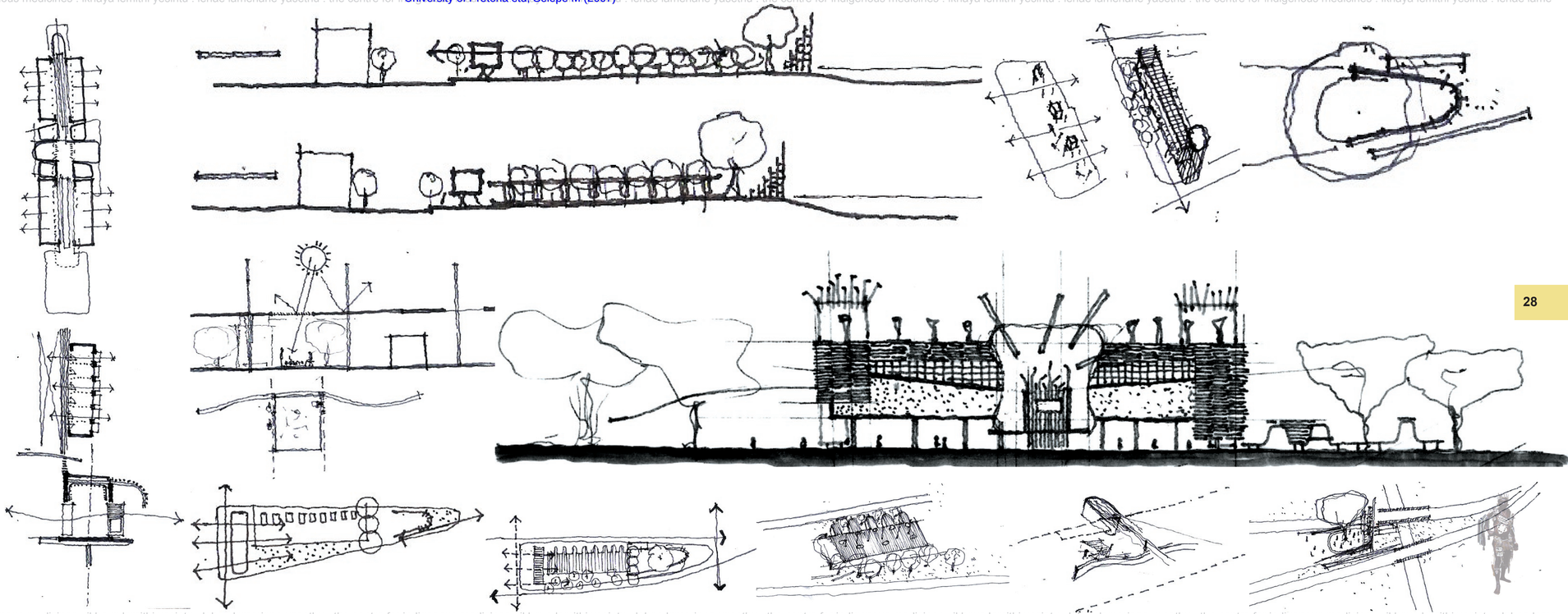
concept

design development



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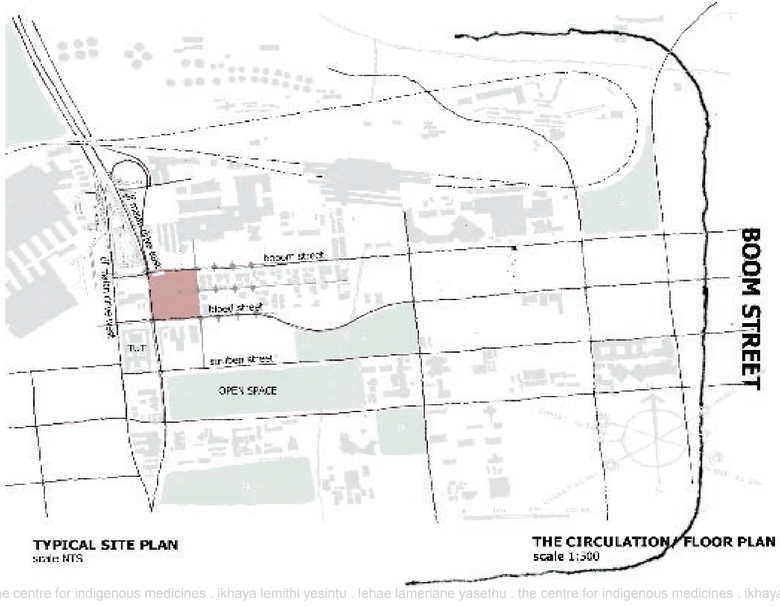
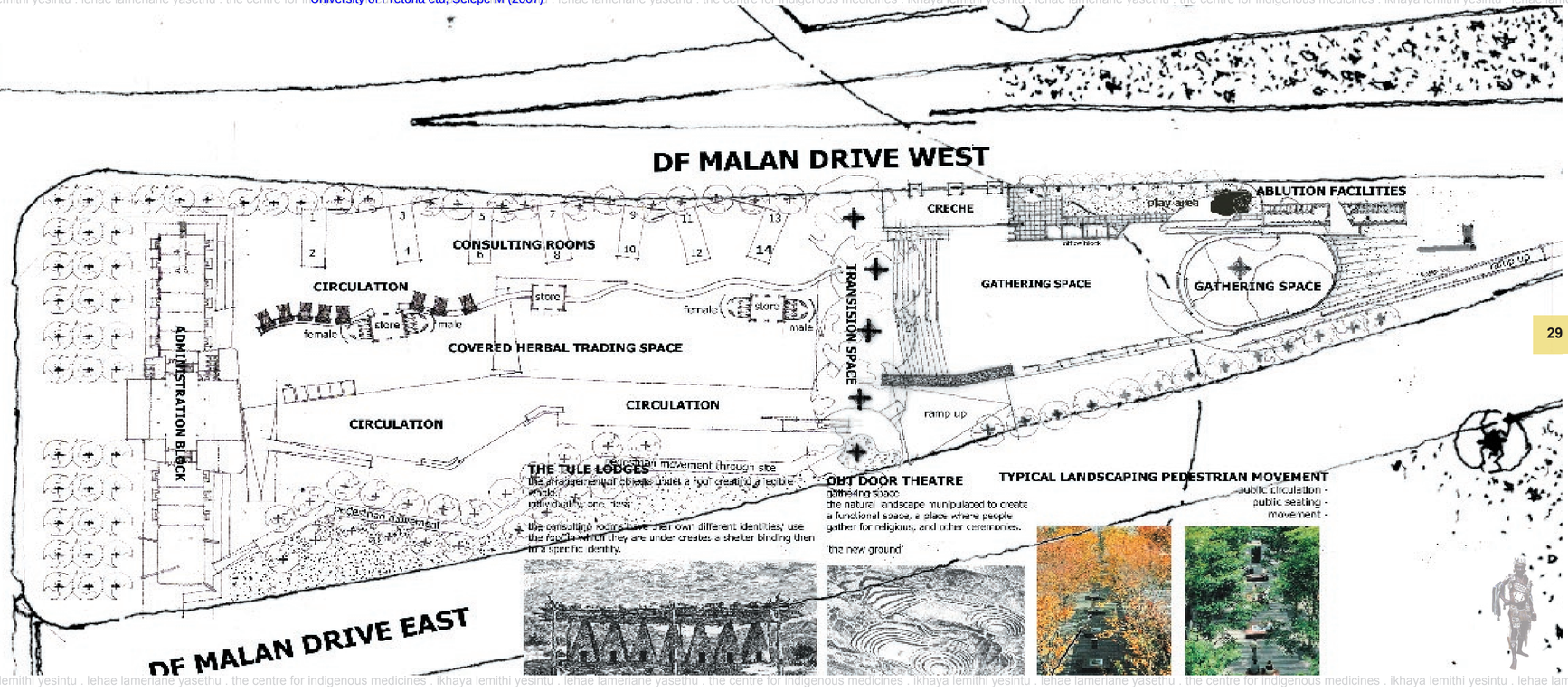
the design as it develops

THE LOCATING THE SITE



TYPICAL SITE PLAN
scale NTS

THE CIRCULATION / FLOOR PLAN
scale 1:500



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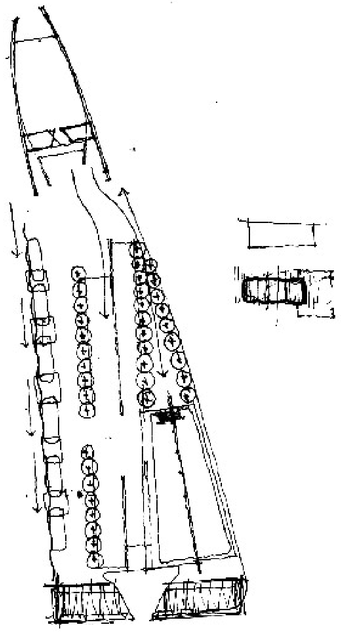
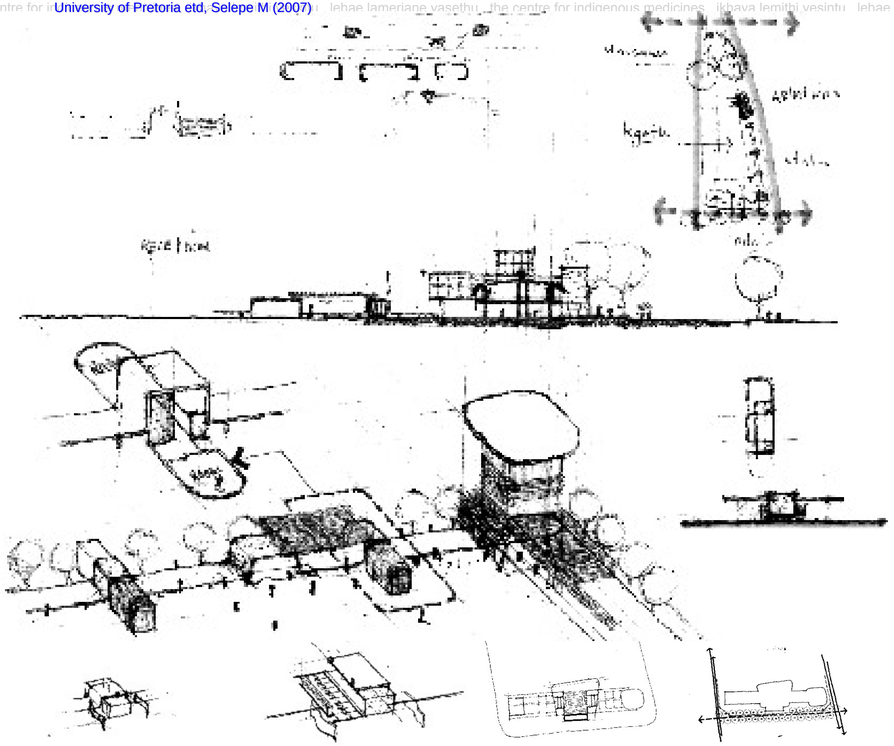
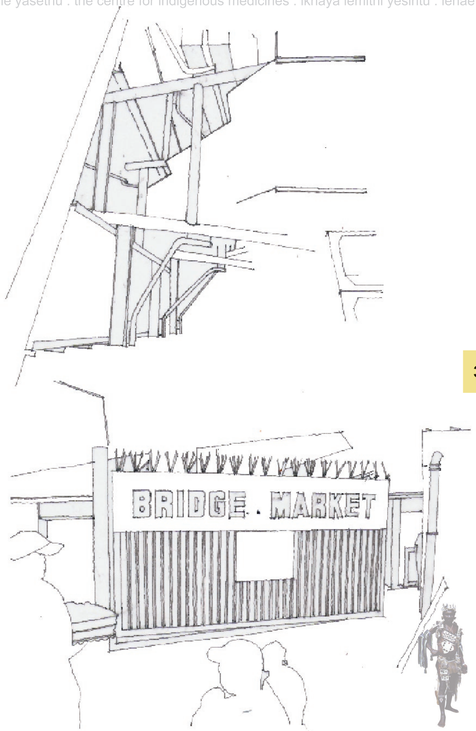
concept

design development







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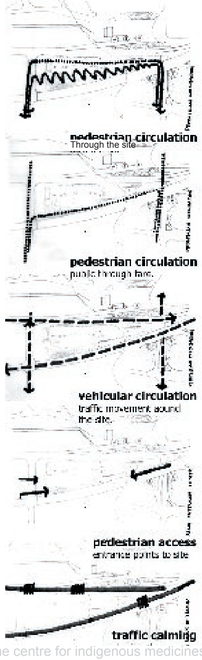
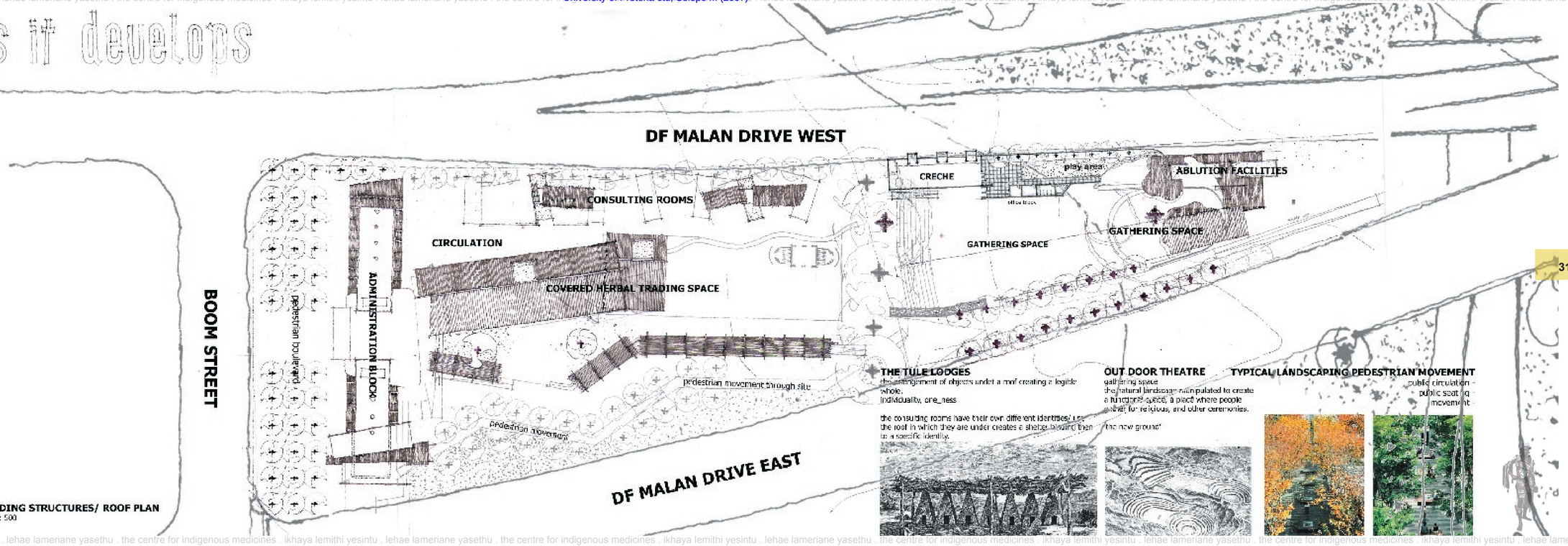
the design as it develops





SHADING STRUCTURES/ ROOF PLAN
scale 1: 500

THE TULE LODGES
the arrangement of objects under a roof creating a legible 'whole'.
individuality, one_ness

the consulting rooms have their own different identities/ the roof in which they are under creates a shelter bonding them to a specific identity.

OUT DOOR THEATRE
gathering space
the natural landscape was pulated to create a functional space, a place where people meet, for religious, and other ceremonies.

'the new ground'

TYPICAL LANDSCAPING PEDESTRIAN MOVEMENT
public circulation -
public seating
movement

the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lame

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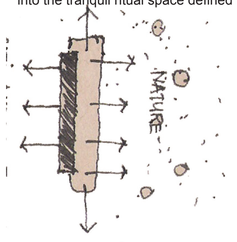
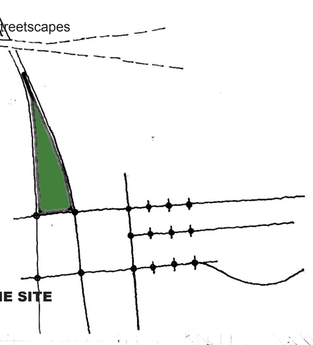
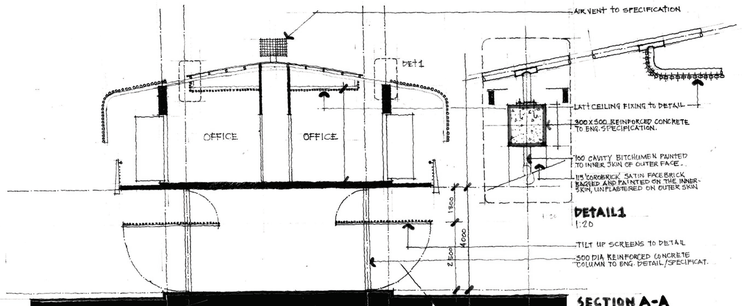
the design as it develops

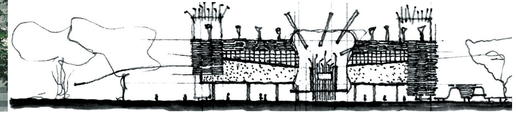
PERMEABILITY
a permeable barrier, filtering through site, from the busy streetscapes into the tranquil ritual space defined by the greenery



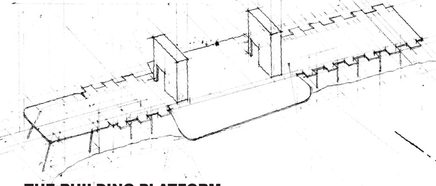


THE SITE

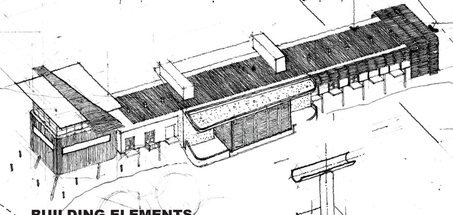




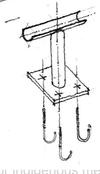
TYPICAL LANDSCAPING PEDESTRIAN MOVEMENT
public circulation -
public seating -
movement -



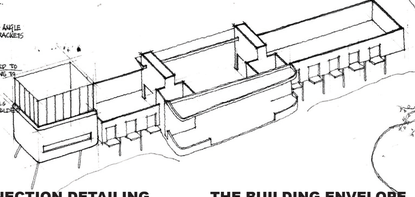
THE BUILDING PLATFORM
the floor layout
scale 1:500



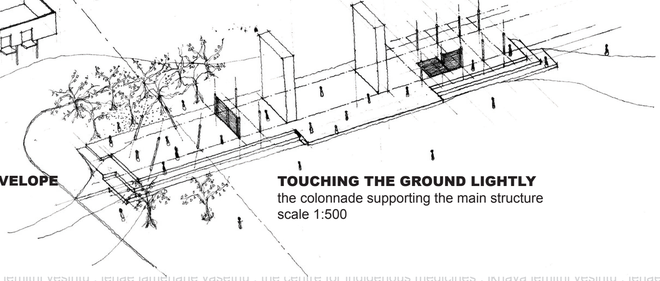
BUILDING ELEMENTS
creating a legible whole
scale 1:500



TYPICAL CONNECTION DETAILING
detailing
scale 1:20



THE BUILDING ENVELOPE
dressing the building
scale 1:500



TOUCHING THE GROUND LIGHTLY
the colonnade supporting the main structure
scale 1:500

the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lamenane yasetho . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lamenane yasetho . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lamenane yasetho . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lamenane yasetho . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lame

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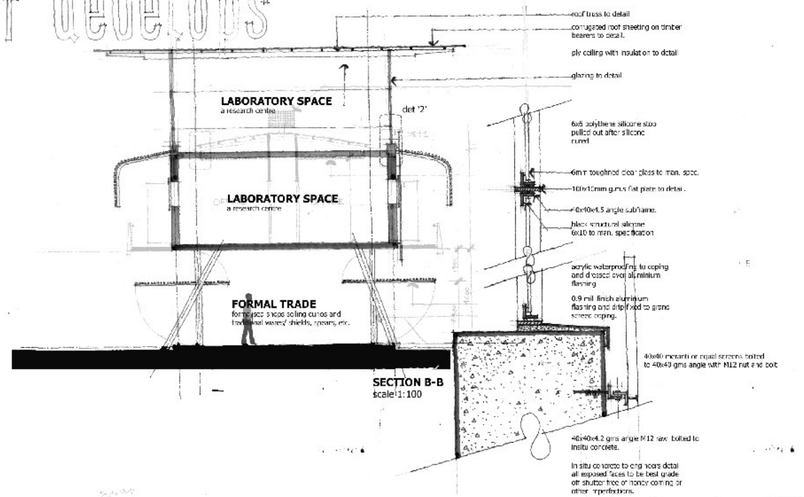
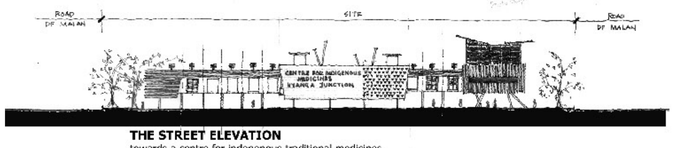
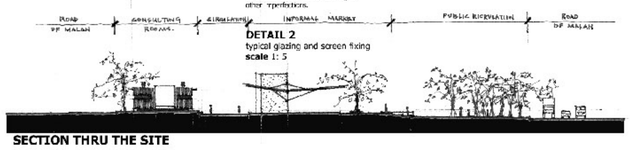
the design as it develops





THE STREET ELEVATION
towards a centre for indegenous traditional medicines
scale 1:500



DETAIL 2
typical glazing and screen fixing
scale 1: 5

SECTION THRU THE SITE
scale 1:500

the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indig
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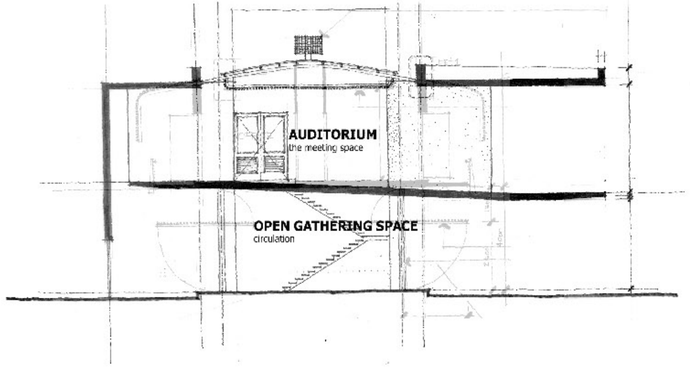
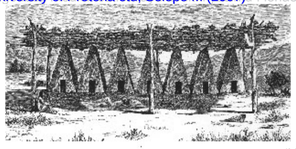
the design as it develops





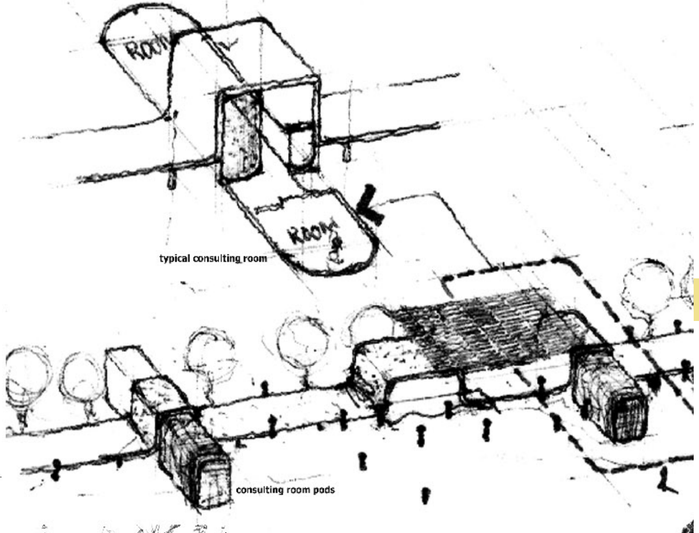
light slats on the concrete wrap.

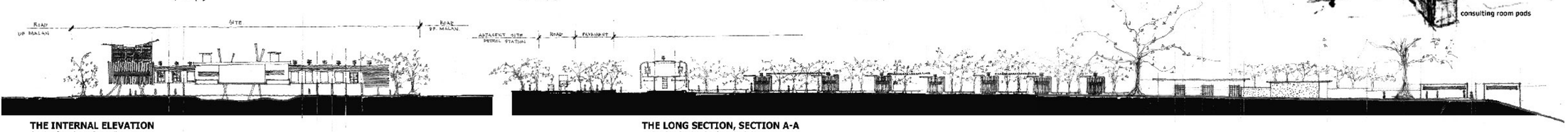
off shutter concrete seating/ trading platform on bagged brickwork base to detail.

consulting rooms, brickwork bagged on inside unfinished on the outside with timber screening to detail

timber latte roof to detail.

paving infront of the consulting rooms to specialist detail. pattern to be approved by the design architect





THE INTERNAL ELEVATION
the view from the trading stalls
scale 1: 500

THE LONG SECTION, SECTION A-A
cutting thru the site, the slope simulation
scale 1: 500

the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lame

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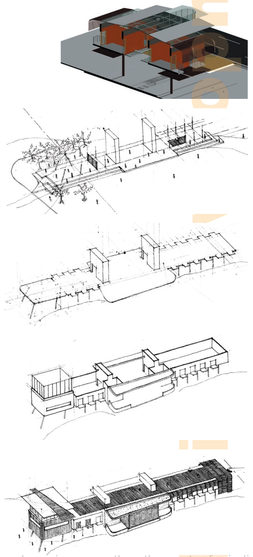
design investigation

STRUCTURE

structure
material
internal
external



THE STRUCTURE

fig.41

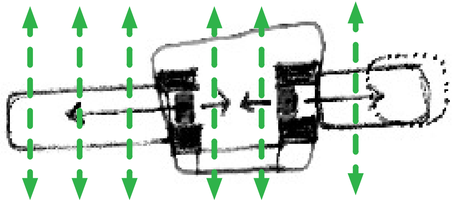
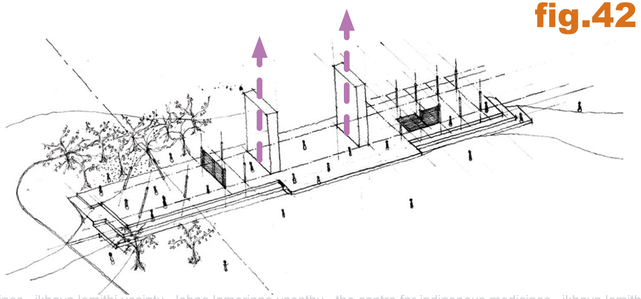
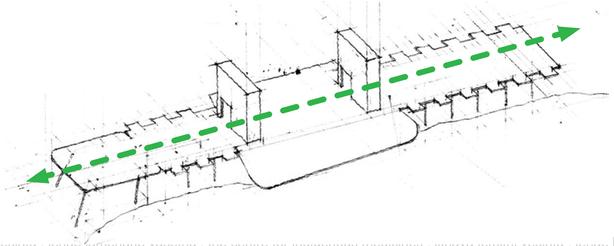


fig.42



THE FLOOR SLAB

fig.43



the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lameriane yasethu . the centre for indigenous medicines . ikhaya lemithi yesintu . lehae lame

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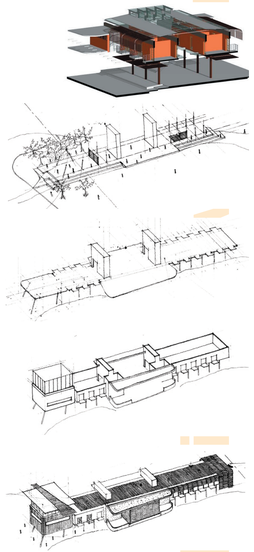
University of Pretoria etd, Selepe M (2007)

design investigation

THE BUILDING ENVELOPE

structure
material
internal
external



THE ROOF

fig.44

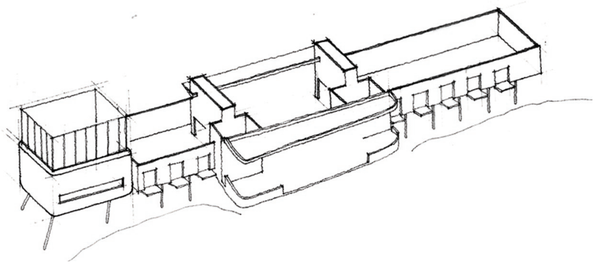
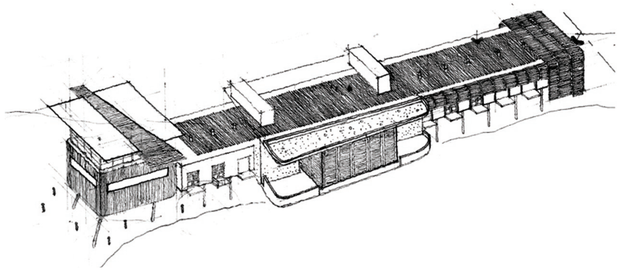


fig.45



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