To conclude one has to critically assess if the original objectives, set out at the beginning of this design process, were achieved and if all the theories researched were applied.

I can say that a fair attempt was made and the result has aspects of all the design informants that were deduced as a result of an in depth investigation at the start of the year.

Of all the objectives the most important goal was to implement a childcare facility in a city edge condition to create an architectural typology that facilitates learning through play. It was a rather tenuous getting to the point reached but I still managed to have fun incorporating aspects of play through-out the proposal. The final product is fun and interactive and almost seems like a green oasis in a harsh environment. It is somewhere I would have liked to have started my schooling career.

The pre-school complex also acts as a transitional element from the dense urban fabric of the city to that of an informal environment as reflected by the zoo. It brings a quality to an area that would have otherwise been neglected.
architectural premise: investigation of a childcare facility in a city edge condition to create an architectural typology that facilitates learning through play

choice of site:
- assists in re-connecting the north to the city’s urban fabric
- added educational benefits and opportunities of location opposite the zoo
- easy access to transport
- part of the framework to create connectivity through activity

programme:
- pre-school
- after-school care
- playground
- adult recreation

client: proposal of collaboration between department of education and community

theoretical approaches:
- learning through play by expanding the field of play
- the integration of landscape and architecture: inside and outside and the transition between these entities
- reclaiming lost space and involving community to create defensible space

project intention: to create a new preschool typology that stimulates its users to act as a catalyst for community development.
connectivity...

...to context
- pedestrian walkway
  [north/south link from Marabastad to termination at Blood Street Mall]
- heritage route
  [link from Boom Street to Blood Street uniting buildings of historical value]
- creative industries
- heritage buildings
- zoo
- residential
- Blood Street Mall
- informal trade

...to people
- youth
- community involvement
- public and pedestrians
- parents/elderly

...building to site
- landscape & architecture

...within the building
- different programmes
- various age groups
  [from 3 to 6/7 years]

accommodation
- classrooms
- indoor/outdoor play
- library
- fantasy room
- music room
- movement room
- office
- staff room
- sick bay
- ablutions
learning through play...

...importance
- physical growth and activity development
- personal and social development
- intellectual and perceptual development

...spaces
creating appealing, interesting and unusual spaces in accordance with the creative nature of the programmes

...activities
artistic and practical work, imaginative play and fairy tales, movement and music, circle games and outdoor play

... indoor / outdoor
- creating a secure outdoor play area that ties in with the building
- integrating the indoor with the outdoor with a successful threshold

building blocks
- connectivity
- modular
- versatility / flexibility in usage
- inter-active
- combination of different components [ideas/functions] to create a single functioning entity

precedent: neighbourhood playground

precedent: playground attached to school
heritage route

bloed street

andries street

staff room

eating area below

roof of 3 year olds' classrooms below

4 year olds' classroom 1

4 year olds' classroom 2

5 year olds' classroom 1

5 year olds' classroom 2

6 year olds' classroom 2

"green hill" partially covered paved play space

office

foyer serving the rentable space and pre-school

6 year olds' classroom 1

outdoor ramp to 5 and 6 year olds' classrooms

ramp to 4, 5 and 6 year olds' classrooms

partially covered paved play space

partially covered paved play space

partially covered paved play space

partially covered paved play space
dining area / gathering area

5 year olds’ classroom
4 year olds’ classroom

section e_e  1_100

section f_f  1_100
stereotomic and tectonic

**Primary**
- Load bearing brick cavity walls consisting of a 50mm cavity between the two brickwork skins of 110mm each
- 150mm concrete surface bed

**Secondary**
- 200mm reinforced concrete roof slab with integrated 300mm downstand beam and 300mm upstand beam recessed 500mm from the perimeter

**Tertiary**
- Plaster and paint
- Planting on the roof

**Primary**
- 100mm to 150mm mild steel diameter tubular pipe columns
- 200mm by 200mm square hollow section beams

**Secondary**
- 50mm diameter tubular pipe bracing
- Sub-structures onto which the cladding and roof sheeting is fixed

**Tertiary**
- Powder coated aluminum cladding [external]
- Marine plywood cladding [internal]
- Glasswool insulation between the cladding
- Corrugated roof sheeting
section b_b  NTS

section f_f  NTS

section d_d  NTS