APPENDIX
NOTES & REFERENCES
APPENDIX

The appendix includes a selection of pages from the authors notebook as well as images and historical plans of NZG that was scanned from the archive room at NZG. The appendix will hopefully inform further discussion and aid future projects within NZG.

The historical plans are supported with additional plans and images from J.M. Oberholster’s Die Geschiedenis van die Nasionale Dieretuin van Suid-Afrika, which could be directly translated as "The History of the National Zoological Gardens of South Africa" (Oberholster, 1992) to complete the formation of the timeline. Some images are juxtaposed against additional recent photographic images.

SELECTED PAGES FROM AUTHOR’S NOTEBOOK
Hindrances of the world: (Spatial perception)

- Child's world
- School
- Home
- Activities

great influence of metaphorical unbrained space

MYTH OF ETERNAL RETURN

Man and nature.

Main secret (need human intervention).

archaeology of the present

Animal smells which are distinct: acc. to diet etc.

migration patterns and green space throughout the city. (child + animals send communication).
ENCLOSURE: enclosure is always governed by a line (a rational) - (a logic)
in the free, homogenous world of the virtual technological age.
The virtual itself has enclosed man. Ritual, religion and sacred space has died.

Architecture in its own enclosure: therefore myths.

No. spiritual.

No.

Layers of meaning with varied levels of accessibility.

varying levels of accessibility.

plasticised.

weathering, ever changing, butterfly.

play with it.

scale.

adult.

child.
ORNAMENTATION:
1. Man in nature
2. Man in animal
3. Man in man

POSSIBLE ORGANISATION OF CITIES:
morphic chemical connections to sun.

PIONEERING SOCIETIES.

NATURE BY DEFAULT

BILATERAL SYMMETRY: CHEAPEST FORM OF BEAUTY FROM NATURE

ARCH.

ANIMAL → MAN

MYTH BACKPACK:

Vestigial space + degeneration > clues for modern man 
[Child: top layer of archaeology as clue]

NATURE SIGNS AS OPPOSED TO IMAGES

IF CHILD CAN'T READ, HE GETS LOST?

SEE RATIONAL AS METAPHORS:

Door is only a metaphor
Window is only a metaphor.

NB: Layer over old masterplan

SHAPES FLOW INTO SKETCH

VIDEO → MOVEMENT DIAGRAM.

SPOOR N

LIGHT

SHADE TO SUN

EARLY SOCIETIES

ANTHROPOMORPH

ANTHROPOLOGISTS

ANIMAL

IMAGERY

SOUNDS ETC.

ARCH.

ANIMAL

MAN

PRODUCT

IMAGERY

MYTH

SPIRIT

IMAGINATION

PRODUCT

OPPOSING TO IMAGES
Tuesday 26th April back.

52 - Final Feedback.

for marks (CD)
THEORETICAL LEVEL

MYTHICAL LEVEL

REALITY

method + material. should now: all metaphors.

Problem is with the elements. that we cater for. No columns No. walls.

columns No. walls. No. Tree. yes.

individual dream.

levels of play (skill) levels of forest.

Virtual/Translucent: Loose/Fragmented Tectonic.

To break "static" Monuments.

Liberation of behavior + program.

wait/ move.
day change dream.
HISTORICAL PLANS

Rus in Urbe
Distr. Pretoria

19 Morg. 258 vierk. Roeden.

g.m. door

Wm. A.B. Anderson

IMG 147: The site survey of the piece of land on which NZG was established. "Rus in Urbe" (Oberholster, 1992)
1. Beerhokke
2. Bobbejane
3. Tiers
4. Leeus
5. Bergbokke
6. Reebokke
7. Klipspringers
8. Antelope (ens.) -kamp
9. Toekomstige krokodilkamp
10. Toekomstige watervoëlkamp
11. Toekomstige brug oor Apiesrivier

A Uitkyktorings
B Opsigterswoning
C Toilette
D Anteloophuise
E Hok vir groot voëls
F Hok vir klein voëls
G Addisionele ingang en parkeerplek

IMG 148: 1939 Site plan of the NZG extensions to the North (Oberholster, 1992)
IMG 150: 1969 Site plan of the NZG (Oberholster, 1992)
NATIONAL ZOOLOGICAL GARDENS
NASIONALE DIERETUIN
PRETORIA

**IMG 151:** Site plan of the NZG from NZG archives
IMG 152: Site plan of the NZG from NZG archives

IMG 153: Drawings of the craft market on Boom Street, May 1980
EAST ELEVATION SCALE 1:100
WEST ELEVATION SCALE 1:100
NORTH ELEVATION SCALE 1:100

IMG 154: Elevations and structural layouts of the new Gorilla exhibition from the archives at NZG. October 2003

IMG 155: opposite: Drawings of the Main entrance and Lecture Hall at NZG. July 1979
IMG 156: **top:** Elevations of the Main entrance at NZC from the archives. **centre:** New entrance to NZC in that opened in 1980 (Adapted by Author from Oberholster, 1992). **bottom:** Main entrance to NZC in 1934 (Adapted by Author from Oberholster, 1992)
IMG 157: above: Farm Yard Zoo Project for Lions International at NZG. 1982, from the archives at NZG. left: Proposal drawings of the stables for the Children's Zoo. 1982, from the archives at NZG.
IMG 158: View of the Koala Centre from the cable car system at NZG, 25 May 2011

IMG 159: Interior of the Koala Centre, 26 April 2011

IMG 160: Interior of the Koala Centre, 26 April 2011

IMG 161: Mary, the famous Sammy-Marks elephant (Oberholster, 1992)

IMG 162: View of the Historical Elephant house with new additions, 2011
IMG 164: Restorations to the elephant enclosure's night rooms and extensions to the elephant camp from the NZG archives. February 1994.
IMG 165: Renovation to Existing Bear Enclosure, from the NZG archives, June 1998 (Photograph by Author, 2011)
IMG 166: Dassiekopje: Greyscale image of the 1932 koppie built from stones that was collected during the extension of NZG to the North of the Apies River (Oberholster, 1992). Colour image of koppie, 2011

IMG 167: Top: The Sammy Marks Fountain after it had been moved to NZG in 1979, bird cages in the background (Oberholster, 1992). Bottom: Fountain, 2011

IMG 168: The circular Eileen Orpen bird cage that was erected in 1939 with funding from Eileen Orpen (Oberholster, 1992)

IMG 169: The Eileen Orpen bird cage, 2011
IMG 170: Blue Prints of the circular Eileen Orpen bird cage that was erected in 1939 funded by Eileen Orpen from the NZG archives, September 1939

IMG 171: Blue Prints of the Municipal Carnivora House for NZG, from the NZG archives, June 1929
**IMG 172:** Greyscale: One of the main roads or pathways and the view to the carnivore enclosures on the hill, March 1939 (Oberholster, 1992)

Colour images: The towers and dry moats of the lion and tiger carnivore enclosures, 2011
IMG 173: Blue Prints of the Lion and Tiger’s camps and dens during the extension of NZG to the North, from the NZG archives.
The ‘Tree of Life’ is made from sculpted plaster representing 325 morphed animals, on a structural frame of steel pipes with diminishing-diameters as branches grow smaller to the canopy. The concept for the structure came from offshore oil-drilling platforms. The sculpted surface lastly received paint treatment by the park’s Character Paint department. The process took 2 years to complete, and according to Wright and the Imagineers (2003) the visible surface efforts taking up the better part of the final twelve months.

The Animal Collection Plan indicates the roles of taxa within NZG. The list divides the animals into a hierarchical system leading from the very important species nearing extinction, in the need of extreme conservation efforts to lesser important species, and ends off with species with no current role. The Plan further stipulates the origin of the species and aims to provide more space and research time for local species, and other African species, favouring them above other international specimens (Jordan, 2011). For further information: www.nzg.ac.za.

**5: SOUTH AFRICAN AGENCY FOR SCIENCE AND TECHNOLOGY ADVANCEMENT (SAASTA)**

**6: CRADLE OF HUMANKIND AREA MAP**

Important fossil sites in the Cradle of Humankind

1. Bullets Farm
2. Swartkrans
3. Sterkfontein Caves
4. Makapans
5. Cooper's Caves
6. Kromdraai
7. Plouer's Lake
8. Wonder Caves
9. Drimolen
10. Gladysvale
11. Haapsig
12. Condolos
13. Motsetse
14. Matopos Valley
15. Taung

**7: ARCHITECTURAL WORKSHOPS**

Architectural children's workshops provide an opportunity for a new vital means of dialogue between architecture and youth. The creation of 3D structures is played out and explores building skill and knowledge simultaneously. These workshops may in addition lead to inventive do-it-yourself kits and the development of architectural toys. Plasticized forms of construction kits could fit in well with the vernacular construction of burrowing animals. If executed on a large scale, architectural toys (possibly contemporary *vernacular of toys*) and animal constructions could become ritualistic architectural play structures.

**8: **Dangerous Wild Animals (Northern Ireland) Order 2004

**Guidance on the keeping of Small Primates: Tamarins, Capuchins and Squirrel Monkeys**

Modern society created confined pockets of space around ways of life: intimate way of life, the private, religious and the corporate. Furthermore, social life is not counted as part of the serious business of living (Ariès, 1960: 245-247). The modern way of life is the result of the divorce between elements which had formerly been united: friendship, religion, and profession. Life in the past, until the seventeenth century, was lived in public; in fact privacy scarcely ever existed (Ariès, 1960: 405-407). The family was a social collective, rather than a sentimental reality (Ariès, 1960: 368). One is tempted to conclude that sociability and the concept of the family were incompatible, and could develop only at each other's expense (Ariès, 1960: 405-407).
REFERENCES


JORDAN, M. 2011. Personal interview regarding the future animal collection plan for the National Zoological Gardens. 1 April 2011. NZG.

In accordance with Regulation 4(e) of the General Regulations (G.57) for dissertations and theses, I declare that this thesis, which I hereby submit for the degree Master of Architecture (Professional) at the University of Pretoria, is my own work and has not previously been submitted by me for a degree at this or any other tertiary institution.

I further state that no part of my thesis has already been, or is currently being, submitted for any such degree, diploma or other qualification.

I further declare that this thesis is substantially my own work. Where reference is made to the works of others, the extent to which that work has been used is indicated and fully acknowledged in the text and list of references.

Bertus van Sittert