IX

APPENDIX
9.1 LIST OF FIGURES

9.1.1 Chapter 1 Figures


Figure 1.1: Satalite Image of Buenos Aires at Night. 2003 [Image Online] Available at: https://en.wikipedia.org/wiki/Megalopolis_(city_type) [Accessed October 2015]

Figure 1.2: Tswane Census Map (Population Distribution) 2001 [Image Online] Available at: http://www.sahistory.org.za/archive/map-pretoria-population-density-race [Accessed October 2015]


Figure 1.4: Pretoria Infrastructure [Image Online] Available at: http://media.engage.co.za/r352-million-interchange-upgrade-underway-to-ease-traffic-congestion [Accessed October 2015]

Figure 1.5: Digital Representation of SMS (Short Message Service Traffic within a city [Image Online] Available at: https://www.pinterest.com/pin/25473554112539628/ [Accessed October 2015]

Figure 1.6: Resurgence (Author 2015)

Figure 1.7: Intervention Macro Context (Author 2015)

Figure 1.8: Site Location in Pretoria (Author 2015)

Figure 1.9: Site Location - CBD (Author 2015)

9.1.2 Chapter 2 Figures

Figure 2.1: (Author 2015)

Figure 2.2: Pretoria Grid Development. Jordaan, G. 1989. “Preoria as Urbs Quadrata”. Architecture SA, May/June: 26-29

Figure 2.3: Graaff-Reinet - Urban Grid. Jordaan, G. 1989. “Preoria as Urbs Quadrata”. Architecture SA, May/June: 26-29

Figure 2.4: Battle of Blood River Laager Strategy Model. [Image Online] Available at: http://www.voortrekker-history.co.za/blood_river_great_trek.php#.VmA8pnYrJD8 [Accessed October 2015]

Figure 2.5: Voortrekker Laager. [Image Online] Available at: https://en.wikipedia.org/wiki/Battle_of_Blood_River [Accessed December 2015]

Figure 2.6: Early Photo of Church Square with Church still present, [Image Online] Available at: https://www.flickr.com/photos/hilton-t/13914066474 [Accessed October 2015]

Figure 2.7: Artist Impression - Victorian Johannesburg. [Image Online] Available at: http://www.joburgheritage.co.za/currentissues.html [Accessed October 2015]

Figure 2.8: A Young Palace of Justice 1901 Church Square (University of Pretoria. [Image Online] Available at: http://www.ais.up.ac.za/special/book-month/Oct07/ [Accessed October 2015]

Figure 2.9: Voortrekker Monument 16 December 1949. [Image Online] Available at: http://www.slideshare.net/frontfel/the-voortrekker-monument [Accessed October 2015]
Figure 2.10: Voortrekker Centenary. [Image Online] Available at: https://commons.wikimedia.org/wiki/File:Voortrekker-1938_(2).jpg [Accessed September 2015]

Figure 2.11: Laying of the Cornetone Voortrekker Monument 1938. 1953. Boeseken et al, *Drie Eeue*. Nationale Boekhandel Kaapstad

Figure 2.12: Pretoria’s Isolated Infrastructure Network. Jordaan, G. 1989. “Preoria as Urbs Quadrata”. Architecture SA, May/June: 26-29

Figure 2.13: Built Environment Segregation Structure. [Image Online] Available at: http://boereafrikaana.com/Fotoalbum/Monumente/Voortrekker_Monument/Voortrekkermonument.htm [Accessed September 2015]

Figure 2.14: Le Corbusier Plan Voisin for Paris. [Image Online] Available at: https://prezi.com/f3jjclb36g73/plan-voisin/ [Accessed October 2015]

Figure 2.15: Le Corbusier Domino Structure. [Image Online] Available at: http://www.dezeen.com/2014/03/20/opinion-justin-mcguirk-le-corbusier-symbolfor-era-obsessed-with-customisation/ [Accessed October 2015]


Figure 2.17: Architectural Modernist Principles. [Image Online] Available at: http://archidialog.com/tag/le-corbusiers-five-points-of-architecture/ [Accessed October 2015]

Figure 2.18: Transvaal Provincial Administrative Building 1955-1963. [Image Online] Available at: http://wiki.up.ac.za/index.php/ABLEWIKI:Transvaal_Provincial_Administration [Accessed October 2015]

Figure 2.19: Political Protests at Church Square. [Image Online] Available at: http://www.timeslive.co.za/thetimes/2015/04/07/statue-wars-heat-up [Accessed September 2015]

Figure 2.20: Paul Kruger Statue at its previous location at Pretoria Station. Labuschagne, P. 2011. ‘Memorial Complexity and Political Change: Paul


Figure 2.21: Government Migration and future development (Author 2015)

Figure 2.22: Government Migration and future development (Author 2015)

Figure 2.23: Proposed future Development for Pretoria (Author 2015)

Figure 2.24: Philosophy of Jurgen Habermas (Author 2015 after Atkinson, 2011)

Figure 2.25: Urban Public Interface at Street Level (Author 2015)

9.1.3 Chapter 3 Figures

Figure 3.1: Theoretical Approach (Author 2015)

Figure 3.2: Entropy. [Image Online] Available at: http://www.michelecoscia.com/?p=1041 [Accessed October 2015]

Figure 3.3 [Image Online] Available at: http://www.starman.org.uk/Big%20Bang.htm [Accessed October 2015]

Figure 3.4. [Online Image] Available at: http://vis.lbl.gov/Events/SC04/ImmersiveInfoVisSC04/ [Accessed October 2015]


Figure 3.6. Album Art - Alternative Afrikaans [Image Online] Available at: http://shifty.co.za/compilations/voelvry/ [Accessed October 2015]
Figure 3.7. Album Art - Alternative Afrikaans [Image Online] Available at: https://bernoldusniemaand.bandcamp.com/album/hou-my-vas-korporaal-7-single [Accessed October 2015]

Figure 3.8: Insurgent Activity: State Theatre Pretoria (Author 2015)

Figure 3.9: Insurgent Activity: Queen Street Pretoria (Author 2015)

Figure 3.10: Insurgent Activity: Manifests in Marginal Space (Author 2015)

Figure 3.11: Entropy and the Utopian Ideal (Author 2015)

Figure 3.12: Marginal Space and Insurgent Activity (Author 2015)

Figure 3.13: Marginal Space and Insurgent Activity Diagrams (Author 2015)


Figure 3.15: Social Impact Criteria (After Cuff 1998 Author 2015)

Figure 3.16: Tokyo After Atomic Bomb Impact 1945. [Image Online] Available at: http://blog.nuclearsecrecy.com/2013/03/08/the-decision-to-use-the-bomb-a-consensus-view/ [Accessed October 2015]

Figure 3.17: DNA Double Helix. [Image Online] Available at: https://www.vectorstock.com/royalty-free-vector/doodle-dna-double-helix-vector-1112437 [Accessed December 2015]


Figure 3.20: Archigram - “Walking City”. [Image Online] Available at: http://www.architakes.com/?p=4140 [Accessed October 2015]


Figure 3.22: “Electroprivreda | reconstruction and ‘freespace’ - Lebbeus Woods. [Image Online] Available at: http://whospeaksandacts.wordpress.com/2012/10/31/lebbeus-woods/ [Accessed October 2015]

9.1.4 Chapter 4 Figures

Figure 4.1: Site Author (2015)

Figure 4.2: “Inner-City-Sprawl” (Author 2015)

Figure 4.3: Site Selection (Author 2015)

Figure 4.4: Causes of Marginalisation Continued (Author 2015)

Figure 4.5: Spatial Analysis (Author 2015)

Figure 4.6: Site Context (Author 2015)

Figure 4.7: Site Potential (Author 2015)

Figure 4.8: Site Elevated View (Author 2015)

Figure 4.9: Site Materiality (Author 2015)

Figure 4.10: Sun Path Analysis Winter Solstice (Author 2015)

Figure 4.11: Sun Path Analysis Summer Solstice (Author 2015)


Figure 4.15: Average Precipitation for Pretoria. [Online Image] Available at: https://weather-and-climate.com/average-monthly-Rainfall-Temperature-Sunshine,pretoria,South-Africa [accessed] October 2015

Figure 4.16: Urban Vision (Author 2015)

9.1.5 Chapter 5 Figures

Figure 5.1 Early Conceptual Sketch (Author 2015)

Figure 5.2 Early Conceptual Sketch of Intent (Author 2015)

Figure 5.3 Conceptual Application (Author 2015)

Figure 5.4 Conceptual Application Continued (Author 2015)

Figure 5.5 Eureka Factory Pretoria

Figure 5.6 Programmatic Structuring (Author 2015)

Figure 5.7 Programmatic Development (Author 2015)

Figure 5.8 Public-Private Hierarchy (Author 2015)

9.1.6 Chapter 6 Figures

Figure 6.1 Early form development (Author 2015)

Figure 6.2 Author 2015

Figure 6.3 Early Form Development (Author 2015)

Figure 6.4 Author 2015

Figure 6.5 Author 2015

Figure 6.6 Author 2015

Figure 6.7 Author 2015

Figure 6.8 Author 2015

Figure 6.9 Author 2015

Figure 6.10 Author 2015

Figure 6.11 Author 2015

Figure 6.12 Author 2015

Figure 6.13 Author 2015

Figure 6.14 Author 2015

Figure 6.15 Author 2015

Figure 6.16 Author 2015

Figure 6.17 Author 2015

Figure 6.18 Author 2015

Figure 6.19 Author 2015

Figure 6.20 Author 2015

Figure 6.21 Author 2015

Figure 6.22: Plinth and Program (Author 2015)

Figure 6.23: Section A A Author 2015
9.1.8 Chapter 8 Figures

Figure 8.1 “Incomplete” Author 2008
9.2 LIST OF REFERENCES


