going West

Using landscape to regenerate urban form

By PG Smit
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© University of Pretoria
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Co- Study Leader      Graham Young
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Samevatting

Die mens het 'n begeerte om in 'n gesonde omgewing te woon, 'n idee wat nog altyd 'n noue verband gehad het met 'n gesonde landskap. Pretoria se middestad bied nie meer so 'n landskap nie, intendeel, die stad is beknop, gevragmenteer en plekkeloos.

Mense trek na heinde en verre om die stad se negatiewe omgewings te ontvlug. Hulle jaag die welige natuurbeelde op pamphlette en reclame borde wat die veiligheids komplekse van die ooste van Pretoria adverteer na, min wetende dat die nagevolge van verstedeliking kort op hulle hakke is.

Maar daar moet immers 'n maniere wees om die mens se begeerte vir 'n gesonde landskap te vervul sonder die nagevolge van verstedeliking en verwoesting van die eindste natuur waarna hy streef.

Om 'n volhoubare toekoms vir Pretoria te verseker, moet ons ondersoek instel in nuwe maniere om met die probleme van verstedeliking en verval te deel. Hierdie tesis ondersoek die potensiaal om landskap te gebruik as 'n basis waarmee 'n mens die stedelike vorm kan her-rangskik en her-kostruer op so 'n manier dat mense die ideale wat hul voor soek kan kry binne 'n volhoubare stedelike omgewing.

Die ondersoek begin op 'n stedelike skaal om 'n geheel beeld te kry van die probleme waarmee die middes-tad worstel en die geleenthede wat dit bied. Dit strek oor 'n verskeidenheid skale om eiteindelik uit te kom by ontwerp en plekmaak. Dit ondersoek kontemporere metodes om landskap te vorm deur om te werk met huidige en historiese stads vormasies, sowel as die sosiale, historiese en omgewings prosesse wat dit oor tyd gevorm het. Dit kyk na die vervalle, maar eerlike landskap van Pretoria Wes om hierdie voorstelling te toets.

Die voorstelling is dat as mens regtig vir mense 'n gesonde landskap aanbied, een wat hulle kan ervaar en mee vereenselwig, dan mag hul dalk in die stad wil bly en in ruil spontaan stedelike vernuwing aanwakker.
Abstract

Everyone wants to live in a healthy environment, an idea that has always been closely associated with the healthy landscape. Pretoria CBD is no longer a place that offers such a landscape; it is congested, fragmented and placeless.

People move far and wide to get away from its hostile environments, chasing after the high gloss images of nature displayed on the billboards and posters of suburbia. They race to find a patch of land within the security complexes and estates of the east, all the while being savagely pursued by the evils of urban sprawl and decentralization.

Surely there must be a way of addressing man’s need and desire for landscape without perpetuating urban problems and destroying the very nature they strive for?

In order to ensure a sustainable future for Pretoria needs to investigate new ways to deal with the urban problems of sprawl and decay. This thesis explores the potential of using landscape as the basis with which one can reorder and reconstruct the urban form in a way that will offer people the ideals they search within a sustainable urban environment.

The investigation starts at a regional scale in order to holistically address urban issues and identify opportunities and then works its way across a range of scales down to detail design and place making.

It looks new methods of constructing contemporary landscapes not by mere superimposition but by working with the current and historic urban fabric as well as the social, historical and environmental processes that have shaped it over time.

It looks to the far from idyllic, yet brutally honest, post-industrial landscape of Pretoria West to construct hybrid landscapes. Arguing that if one were to genuinely offer people a healthy landscape, one they can experience and relate to, the might actually want to live in the city, in return awakening spontaneous urban renewal.
Contents

1. **Introduction** 24
   1.1. Problem in context 24
   1.2. Study area 26
   1.3. Problem Statement 27
   1.4. Hypothesis 27
   1.5. Research Questions 27
   1.6. Methodology 27
   1.7. Limitations 27

2. **Landscape urbanism** 31
   2.1. Background 31
   2.2. Four themes of landscape urbanism 32
   2.3. Conventional urbanism 34
   2.4. Not a new idea 35
   2.5. A disciplinary realignment 36
   2.6. Conclusion 37

3. **Regional scale** 41
   3.1. Introduction 41
   3.2. Background 41

4. **Vision for the west** 67
   4.1. Site selection 67
   4.2. Why the west? 67
   4.3. Vision for west 70
   10.1. Site selection 72
   4.4. Why the power station? 74

5. **Site in context** 79
   5.1. Objectives 79
   5.2. Analysis 80
   5.3. Framework 91

6. **Site Scale** 95
   6.1. Background 95
   6.2. Character of site 96
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.3</td>
<td>On site process</td>
<td>106</td>
</tr>
<tr>
<td>6.4</td>
<td>Project motivation</td>
<td>108</td>
</tr>
<tr>
<td>6.5</td>
<td>Approach</td>
<td>108</td>
</tr>
<tr>
<td>6.6</td>
<td>Precedents</td>
<td>109</td>
</tr>
<tr>
<td>6.7</td>
<td>Approach</td>
<td>118</td>
</tr>
<tr>
<td>6.8</td>
<td>Concept</td>
<td>119</td>
</tr>
<tr>
<td>6.9</td>
<td>Concept development</td>
<td>120</td>
</tr>
<tr>
<td>6.10</td>
<td>Zones</td>
<td>125</td>
</tr>
<tr>
<td>6.11</td>
<td>Phasing program</td>
<td>126</td>
</tr>
<tr>
<td>6.12</td>
<td>Design development</td>
<td>134</td>
</tr>
<tr>
<td>7.</td>
<td>Zone C</td>
<td>139</td>
</tr>
<tr>
<td>7.1</td>
<td>Focus area</td>
<td>139</td>
</tr>
<tr>
<td>7.2</td>
<td>Concept development</td>
<td>140</td>
</tr>
<tr>
<td>7.3</td>
<td>Design Development</td>
<td>142</td>
</tr>
<tr>
<td>8.</td>
<td>Design development</td>
<td>157</td>
</tr>
<tr>
<td>8.1</td>
<td>Focus Area</td>
<td>157</td>
</tr>
<tr>
<td>8.2</td>
<td>Problem</td>
<td>157</td>
</tr>
<tr>
<td>8.3</td>
<td>The detail of landscape urbanism.</td>
<td>160</td>
</tr>
<tr>
<td>8.4</td>
<td>Supporting theories</td>
<td>161</td>
</tr>
<tr>
<td>8.5</td>
<td>Approach</td>
<td>162</td>
</tr>
<tr>
<td>8.6</td>
<td>Analysis</td>
<td>170</td>
</tr>
<tr>
<td>8.7</td>
<td>Concept</td>
<td>175</td>
</tr>
<tr>
<td>8.8</td>
<td>Concept development</td>
<td>176</td>
</tr>
<tr>
<td>8.9</td>
<td>Design development</td>
<td>180</td>
</tr>
<tr>
<td>9.</td>
<td>Detail design</td>
<td>205</td>
</tr>
<tr>
<td>9.1</td>
<td>Plans</td>
<td>206</td>
</tr>
<tr>
<td>9.2</td>
<td>Sections</td>
<td>212</td>
</tr>
<tr>
<td>9.3</td>
<td>Perspectives</td>
<td>221</td>
</tr>
<tr>
<td>9.4</td>
<td>Model</td>
<td>226</td>
</tr>
<tr>
<td>10.</td>
<td>Technical</td>
<td>230</td>
</tr>
<tr>
<td>10.1</td>
<td>Movement</td>
<td>230</td>
</tr>
<tr>
<td>10.2</td>
<td>Materials</td>
<td>232</td>
</tr>
<tr>
<td>10.3</td>
<td>Vegetation</td>
<td>234</td>
</tr>
<tr>
<td>10.4</td>
<td>Details</td>
<td>238</td>
</tr>
<tr>
<td>11.</td>
<td>Conclusion</td>
<td>241</td>
</tr>
<tr>
<td>12.</td>
<td>References</td>
<td>246</td>
</tr>
</tbody>
</table>
Figures

Fig:1. Pretoria 1855, F D Oerder, Pretoria Art Museum (Bolsmann 2001) xviii
Fig:2. Railway in Pta west (Author 2010) 22
Fig:3. Garden city cartoon by Ebenizer Howard (Ward 1992: 147) 25
Fig:4. A former neighbourhood in downtown Detroit (http://www.jamesgriffioen.net/index.php/?/prairies/lost-neighborhoods) 30
Fig:5. Machu Picchu famous Incan citadel 35
Fig:6. Olmsteads Emerald Necklace in Boston 35
Fig:7. Diagram the urbanization, decay and then regeneration through landscape urbanism 37
Fig:8. Map of the Pretoria West and CBD. showing the study are for the regional scale. 40
Fig:9. Map of South Africa (Author 2010) 41
Fig:10. Map of Gauteng (Author 2010) 41
Fig:11. Map of Tshwane (Author 2010) 41
Fig:12. Panorama of the Pretoria CBD looking south (Author 2010) 42
Fig:13. Series of maps showing the growth of Pretoria between 1900-1999 (TOSF vol 1 2005: 20). 44
Fig:15. Proposal for central district section of the TOSF (TOSF vol 2 2005: 117). 48
Fig:16. The Milan “Green Plan“, a network of open spaces connected by 72km walking and cycling routes. (Kipar 2007) 51
Fig:17. Diagrams showing objectives (Author 2010) 52
Fig:18. Diagram showing density (TOSF vol 1 2005: 20). 53
Fig:19. Pedestrian bridge to Salvokop. An example of a rift within the urban fabric of the CBD (Author 2007) 54
Fig:20. Diagram showing fragmentation (Author 2010) 55
Fig:21. Diagram showing existing infrastructure (Author 2010) 57
Fig:22. Analysis of Pretorias open space (Author 2010) 58
Fig:23. Analysis of Pretorias open space (Author 2010) 59
Fig:24. Diagram showing existing infrastructure (Author 2010) 61
Fig:25. Open space network (Author 2010) 62
Fig:26. Man walking next to railway (Author 2010) 66
Fig:27. Diagram showing Pretoria West as sub-support cell for the CBD (Group framework 2010) 67
Fig:28. Regional connectivity (Group framework 2010) 67
Fig:29. Existing Infrastructure (Group framework 2010) 67
Fig:30. Vision for PTA West (Group framework 2010) 68
Fig:31. Diagram showing densification of Pta West whilst addressing sprawl (Group framework 2010) 70
Fig:32. Industrial heritage (Group framework 2010) 70
Fig:33. Addressing negative perception affecting development opportunity (Group framework 2010) 70
Fig:34. Mixed use development (Group framework 2010) 70
Fig:35. Vision for PTA West (Group framework 2010) 71
Fig:36. Vision for PTA West (Group framework 2010) 72
Fig:37. Connection site to its surrounding fabric (Group framework 2010) 74
Fig:38. Section of framework area (Group framework 2010) 74
Fig:39. Vision for powerplant site (Group framework 2010) 75
Fig:40. The bright side of PTA West, a digital collage of signage and advertising found in the area (Author 2010). 78
Fig:41. Orientation diagram (Author 2010) 79
Fig:42. Diagram showing zoning (Author 2010) 81
Fig:43. Light industrial (Author 2010) 81
Fig:44. Light commercial (Author 2010) Author) 81
Fig:45. Residential unit in Proclamation Hill (Author 2010) 81
Fig:46. Diagram showing roads and railways (Author 2010) 83
Fig:47. Intersection of Mitchell and Buitenkant Street (Author 2010) 83
Fig:48. Electro Station (Author 2010) 83
Fig:49. Tree lined streets in Proclamation Hill (Author 2010) 83
Fig:50. Image of existing vegetation, Highly disturbed (Author 2010) 85
Fig:51. Table showing toxicity screen of water in the man dam 86
Fig:52. Diagram showing hydrology (Author 2010) 87
Fig:53. Wetlands and stream flowing into dam (Author 2010) 87
Fig:54. Northern ash pond (Author 2010) 87
Fig:55. Channel leading from cooling towers (Author 2010) 87
Fig:56. Diagram showing open space analysis (Author 2010) 87
Fig:57. Dumping on brownfields site in industrial area (Author 2010) 89
Fig:58. Remains of old structure on site (Author 2010) 89
Fig:59. Open fields in surrounding areas (Author 2010) 89
Fig:60. Diagram showing conceptual intentions (Author 2010) 90
Fig:61. Site Framework (Author 2010) 91
Fig:62. Historic photograph of power plant taken in 1952. 94
Fig:63. Historic aerial photograph of power plant taken in 1947 (Author Unknown) 95
Fig:64. Aerial photograph of power plant taken in 2008 (UP Geography Department) 96
Fig:66. Word depicting character of site (Author 2010) 97
Fig:65. Character of site (Author) 97
Fig:67. Inside one of the cooling towers (Author 2010). 98
Fig:68. View points (Author 2010). 100
Fig:69. East ward view of power plant complex (Author 2010). 101
Fig:70. View points (Author 2010). 102
Fig:71. Northern ash pond (Author 2010). 103
Fig:72. Western ash pond (Author 2010). 103
Fig:73. Panorama looking south at the eastern ash pond with the power plant in the background (Author 2010) 104
Fig:74. Diagram illustrating the on-site process of generating electricity (Group Framework 2010) 107
Fig:75. Diagram showing sizes of various post-industrial parks in relation to site (Author 2010) 109
Fig:76. Philip Starck-designed seats in Parc de La Villette (Tate 2001: 61) 110
Fig:77. Plan of Parc de La Villette (Tate 2001: 57) 111
Fig:78. Bamboo and sound garden (Tate 2001: 65) 111
Fig:79. Landschaftspark Duisberg Nord (Reed 2006: 125) 112
Fig:80. Landschaftspark master plan (Tate 2001: 115) 113
Fig:81. Ore bunker adapted for rock climbing (Reed 2006: 129) 113
Fig:82. Aerial view of ore bunkers (Reed 2006: 128) 113
Fig:83. Layering of new processes onto existing (Field Operations 2006: 6) 114
Fig:84. Fresh Kills master plan (Field Operations 2006: 33) 115
Fig:85. Rehabilitation of Dump site (Field Operations 2006: 32) 115
Fig:86. Phasing and cultivation of new habitats over time (Field Operations 2006: 33) 116
Fig:87. Aerial view of Fresh Kills Park (Field Operations 2006: 7) 117
Fig:88. Diagram showing layers (Author 2010) 118
Fig:89. Conceptual diagram showing interaction between the qualitative and quantitative aspects of site (Author 2010) 119
Fig:90. Conceptual diagram (Author 2010) 119
Fig:91. Conceptual development diagrams (Author 2010) 121
Fig:92. Cooling towers (Author 2010) 122
Fig:93. Diagram showing qualitative aspects of site (Author 2010) 123
Fig:94. Cooling towers (Author 2010) 124
Fig:95. Water level meter (Author 2010) 124
Fig:96. Cooling towers (Author 2010) 124
Fig:97. Canals and sluices (Author 2010) 124
Fig:133. New orientation of plans with North to the left (Author 2010)
Fig:134. Digital Collage showing a series of spaces. (Author 2010)
Fig:135. Vegetables garden between coal bunker and fence (Author 2010)
Fig:136. Diagram showing qualitative and quantitative aspects (Author 2010)
Fig:137. View of coal bunkers (Author 2010)
Fig:138. North-East-ward panorama of site (Author 2010)
Fig:139. South-ward panorama of site (Author 2010)
Fig:140. Inside bunker A (Author 2010)
Fig:141. Inside bunker B (Author 2010)
Fig:142. Viewpoints for panoramas (Author 2010)
Fig:143. Plan Showing Existing site (Author 2010)
Fig:144. Existing section AA (Author 2010)
Fig:145. Existing section BB (Author 2010)
Fig:146. Existing section CC (Author 2010)
Fig:148. Existing section DD (Author 2010)
Fig:147. Diagram showing process of storing and extracting coal through old conveyors (Author 2010)
Fig:149. Excavation of 18933 bunker (Power station archive)
Fig:150. Moving of coal (Power station archive)
Fig:151. Raised walkways in Andre Citroen Park (http://architypes.net/image/parc-andre-citroen-walkways-over-gardens)
Fig:152. Romantic garden (http://malcolmkirk.com/images/gallery/3)
Fig:153. Series of Spaces (Author 2010)
Fig:154. Detour spaces (Author 2010)
Fig:155. Bridging the bunkers(Author 2010)
Fig:156. Bunkers function as island of escape (Author 2010)
Fig:157. Seclusion from surroundings (Author 2010)
Fig:158. Extroverted and introverted bunkers (Author 2010)
Fig:159. Existing Structures (Author 2010)
Fig:160. Historical process (Author 2010)
Fig:161. New interventions hover mounted onto existing (Author 2010)
Fig:162. New interventions suspended from existing (Author 2010)
Fig:163. Cut in behind and contrast existing structure (Author 2010)
Fig:164. Series of spaces offering hints of the next (Author 2010)
Fig:165. Series of thresholds (Author 2010)
Fig:166. Variety of spatial characters and levels of experience (Author 2010)
Fig:201. Levels of interaction (Author 2010) 197
Fig:202. Converting bunker into a gallery (Author 2010) 197
Fig:203. Model exploration of gallery in bunker B (Author 2010) 198
Fig:204. Design exploration of bunker B on plan (Author 2010) 198
Fig:207. Controlled access (Author 2010) 199
Fig:208. Viewports in bunker walls (Author 2010) 199
Fig:205. Gate by Jean Novelle in Center de Poblenou Park (http://www.designws.com/fotopagina08/barcelona12.htm) 199
Fig:206. Viewports in boundary wall creates interaction with street (http://2.bp.blogspot.com) 199
Fig:209. Main movement across square (Author 2010) 200
Fig:210. Deciduous trees for shade (Author 2010) 200
Fig:211. Connecting points of interest (Author 2010) 200
Fig:212. Defining busy and quiet zones (Author 2010) 200
Fig:213. Plan showing the development of the entrance square (Author 2010) 201
Fig:214. Vision of bunker B as exhibition space (Author 2010) 202
Fig:215. Ground Floor Plan, not to scale (Author 2010) 206
Fig:216. Upper level plan, not to scale (Author 2010) 208
Fig:217. Lower level plan, not to scale (Author 2010) 210
Fig:218. Section AA, not to scale (Author 2010) 212
Fig:219. Section BB, not to scale (Author 2010) 214
Fig:220. Section CC, not to scale (Author 2010) 216
Fig:221. Section DD, not to scale (Author 2010) 218
Fig:222. Section EE, not to scale (Author 2010) 220
Fig:223. Rendering of aerial view of pedestrian bridge (Author 2010) 221
Fig:224. Day time rendering of lower terrace (Author 2010) 222
Fig:225. Night time rendering of lower terrace (Author 2010) 223
Fig:226. Rendering of Bunker A (Author 2010) 224
Fig:227. View of elevator shaft and viewing platform (Author 2010) 225
Fig:228. View of Entrance Square (Author 2010) 225
Fig:229. Birds eye view of intervention (Author 2010) 225
Fig:230. Photo of bunker A (Author 2010) 226
Fig:231. Photo of pedestrian crossing to station (Author 2010) 226
Fig:232. Birds eye view of intervention (Author 2010) 226
Fig:233. Birds eye view of intervention (Author 2010) 227
Fig:234. Different levels that need to access lift (Author 2010) 230
Fig:235. Traction elevators (www.OtisGen2.com) 231
Fig:236. Machine-room less elevators (www.OtisGen2.com) 231
Fig:237. Hydraulic platform lifts. (http://www.lift-mech.com/pro_hpl.html) 231
Fig:238. Hydraulic platform lifts. (http://www.lift-mech.com/pro_hpl.html) 231
Fig:239. Source distance of materials (Author 2010) 232
Fig:240. Conceptual intention for selection of materials (Author 2010) 233
Fig:241. Conceptual image of entrance square (Author 2010) 234
Fig:242. Bunker A with overhead bridge (Author 2010) 234
Fig:243. Detail of Viewing Platform, not to scale (Author 2010) 238
Fig:244. Detail of suspended walkways in bunker A (Author 2010) 239
Fig:245. Ballustrade Detail, not to scale (Author 2010) 240
Fig:246. Bench detail (Author 2010) 240
Fig:247. Going west (Author 2010) 243
Fig 1. Pretoria 1855, F D Oeder, Pretoria Art Museum (Bolsmann 2001)
From the dawn of time man has always had a close connection to the land. The landscape provided and sustained life. Man has always chosen to settle where the land supplied both his wants and needs; such as safety, placemaking, beauty, resources and opportunity. He settled near rivers for water, in fertile valleys for food and on hilltops for fortification.

This quest for land is what set the Israelites on a forty year journey through the desert before settling in Canaan, the land of milk and honey. Similarly the Voortrekkers set off from the Cape in search of a land that offered them freedom, belonging and opportunity. For this they faced mountains, disease, and fierce opponents in both man and beast. Many years later a handful of settlers finally reached the banks of the Apies River, the end of their search.

Yet unbeknown to them, this sliver of land nestled between the Magaliesberg and Apies River had been occupied for thousands of years. Before the Voortrekkers founded Pretoria, the land had been occupied by Bushmen, Tswana and Ndebele settlements and would later yield the largest finding of Stone Age implements in all of Africa.

Why is it that across the ages people have settled in this same location? It must be that the land offered them what they needed. Why is it that the city of Pretoria today stands sprawled across this same land; rivers canalized, fertile valleys paved and hills no longer fortified. Its people long to migrate east in search of new land, the greener pastures of fortified clusters and palisade estates.