

CONCLUSION:

In conclusion, this dissertation proposes that Layering can be used as an approach to the re-use of underutilised urban spaces.

The applied design principles formulated through layering as design generator does not aim to reproduce the past or design in the past style. The new work is rather in constant dialogue with the existing building and the history. The new is build on and construct within the history, and doesn't turn it's back on history. Thus history is neither irrelevant, but also not blindly revered. The coexistence of old and new are promoted, to be mutually beneficial and non-hierarchical.

The architectural form was shaped by considering the existing buildings, surrounding context, needs and new programme. In this way any future intervention within the city will be unique and respond to the existing problems.

BIBLIOGRAPHY

- Artefacts. Central Fire Station Pretoria, Gauteng. *Internet*: <http://www.artefacts.co.za/main/Buildings/bldgframes.php?bldgid=862> Access: 10 February 2011
- AUSTRALIA INTERNATIONAL COUNCIL ON MONUMENTS AND SITES. 1999. *The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance 1999*. Australia: Australia ICOMOS Incorporated.
- BOEGL, T. Museo Thyssen Bornemisza. *Internet*: <http://www.mimoo.eu/projects/Spain/madrid/Museo%20Thyssen%20Bornemisza> Access: 13 June 2011
- Centro de Arte Reina Sofia. 1991. *Architectural Review*. 189/1138. December: 53-55
- CITY OF TSHWANE. 2009-2010. Heritage Site Listing. *Internet*: <http://www.tshwane.gov.za/Services/ArtsCultureandHeritage/Pages/Heritage-Site-Listing.aspx> Access: 8 June 2011
- CITY OF TSHWANE. 2009-2010. Museum Listing *Internet*: <http://www.tshwane.gov.za/Services/ArtsCultureandHeritage/Pages/Museum-Listing.aspx> Access: 8 June 2011
- COHN, D. 2006. Jean Nouvel adds three freestanding pavilions to Madrid's Reina Sofia Museum and then floats a winglike canopy above them. *Architectural Record*. July: 85-93
- COHN, D. 2008. Prado Museum Expansion. *Architectural Record*. March. *Internet*: http://archrecord.construction.com/projects/bts/archives/museums/0803_Pradomuseum/ Access: 13 June 2011
- Constitution Hill. 2011. Our History. *Internet*: <http://www.constitutionhill.org.za/about-us/our-history/> Access: 21 September 2011
- CRIPPA, M.A. 1984. *Carlo Scarpa, Il pensiero il disegno i progetti*. Milan, Italy: Jaca Book.
- DE BEER, I. 1995. SAB Visitors Centre - Newlands. *Architecture SA*. September/October: 13-16
- DEWAR, D. & Uytendogaardt, R. 1991. *South African cities: a Manifesto for change*. Cape Town: Urban Problems Research Unit and Urban Foundation.
- DEWAR, D. & Uytendogaardt, R. 1978. *Housing: A comparative evaluation of urbanism in Cape Town*. Cape Town: Urban Problems Research Unit and Urban Foundation.
- FERNANDEZ-GALIANO, L. 2006. Il rosso e il nero di Nouvel. *Domus*. January: 24-33
- GAUTRAIN. 2009. GAUTRAIN A CATALYST FOR GAUTENG PROPERTY DEVELOPMENT. *Internet*: <http://www.gautrain.co.za/newsroom/2009/03/gautrain-a-catalyst-for-gauteng-property-development-2/> Access: 31 May 2011
- HADID, Z. 2003. Movement and porosity. In: Tschumi, B. & Cheng, I. (eds) *The State of Architecture at the Beginning of the 21st Century*. United States of America: The Monacelli Press Inc.
- HAWKER, S. (ed.) 2006. *Little Oxford English Dictionary*. Ninth edition. New York: Oxford University Press Inc.
- HAYS, M. 1998. *Architecture theory since 1968*. The MIT Press.
- HERZOG, T. 2004. *Facade Construction Manual*. Basel, Switzerland: Birkhauser.
- INTERNATIONAL COUNCIL ON MONUMENTS AND SITES. 1965. *The Venice Charter: The International Charter for the Conservation and Restoration of Monuments and Sites 1964*. Paris, France: ICOMOS.
- INTERNATIONAL COUNCIL ON MONUMENTS AND SITES. 2007. *The Enane Charter: The ICOMOS Charter for the Interpretation and Presentation of Cultural Heritage Sites 2007*. Paris, France: ICOMOS.
- ICOMOS, see International Council on Monuments and Sites.
- JOUBERT, O. (ed.) 2009. *100 years + 100 buildings. ARCHITECTURE IN A DEMOCRATIC SOUTH AFRICA*. Cape Town: Belle-Roberts.
- Kate Otten Architects. 2007. Womans Jail Precinct. Constitution Hill. Johannesburg, South Africa. *Internet*: http://www.kateottenarchitects.com/comm_pub004.html Access: 21 September 2011
- KRIGE, F. & Van der Waal, G. M. (eds) 1995. *Pretoria, Museum Park, Yours to discover*. Pretoria: Pretoria Metropolitan Substructure.
- LE ROUX, S. (ed.) 1990. *Plekke en geboue van Pretoria. Volume 3*. Pretoria: Die Pretoria Argitektuurvereniging.
- LYNCH, K. 1960. *The Image of the City*. Cambridge, Massachusetts: MIT Press.
- MAYER, T. Rafael Moneo. Prado Museum Extension. Madrid, Spain. *Internet*: <http://www.arc-space.com/architects/moneo/prado/prado.html> Access: 13 June 2011
- MEURS, P. 2008. *Building in a stubborn city*. Delft, the Netherlands: VSSD.

- Museo Thyssen-Bornemisza. 2009. History of Villahermosa Palace. *Internet*: http://www.museothyssen.org/en/thyssen/palacio_villahermosa Access: 13 June 2011
- Museo Thyssen-Bornemisza. 2009. The Renovation Project. *Internet*: http://www.museothyssen.org/en/thyssen/la_reforma Access: 13 June 2011
- Museo Thyssen-Bornemisza. 2009. The New Project. *Internet*: http://www.museothyssen.org/en/thyssen/el_ala Access: 13 June 2011
- MUSEUM PARK. Not dated. *Welcome to Museum Park*. [Online] Available from: <http://www.museumpark.co.za/index.html>. [Accessed: 2011-02-15]
- MUSEUM PARK. Not dated. *Partners of Museum Park*. [Online] Available from: <http://www.museumpark.co.za/partners.html>. [Accessed: 2011-02-15]
- MUSEUM PARK. Not dated. *Tourism Services*. [Online] Available from: <http://www.museumpark.co.za/tourism.html>. [Accessed: 2011-02-15]
- NAI, see NETHERLANDS ARCHITECTURE INSTITUTE.
- NETHERLANDS ARCHITECTURE INSTITUTE. WHAT IS THE NAI? *Internet*: http://en.nai.nl/toolbar/about_the_nai/what_is_the_nai Access: 28 May 2011
- NETHERLANDS ARCHITECTURE INSTITUTE. THE ARCHITECTURE. *Internet*: http://en.nai.nl/toolbar/about_the_nai/nai_building Access: 28 May 2011
- NETHERLANDS ARCHITECTURE INSTITUTE. SIX SUBMITTED DESIGNS: JO COENEN. *Internet*: http://en.nai.nl/toolbar/about_the_nai/nai_building/item/_pid/kolom2-1/_rp_kolom2-1_elementId/1_146275 Access: 28 May 2011
- NETHERLANDS ARCHITECTURE INSTITUTE. MULTIPLE COMMISSION The search for an architect for the NAI. *Internet*: http://en.nai.nl/toolbar/about_the_nai/nai_building/item/_pid/kolom2-1/_rp_kolom2-1_elementId/1_146245 Access: 28 May 2011
- NETHERLANDS ARCHITECTURE INSTITUTE. THE MUSEUMPARK. *Internet*: http://en.nai.nl/toolbar/about_the_nai/nai_building/item/_pid/kolom2-1/_rp_kolom2-1_elementId/1_146684 Access: 28 May 2011
- NETHERLANDS ARCHITECTURE INSTITUTE. FLOOR PLANS. http://en.nai.nl/toolbar/about_the_nai/nai_building/item/_pid/kolom2-1/_rp_kolom2-1_elementId/1_146534 Access: 28 May 2011
- O'LEARY, E. 2007. Madrid's stylish Prado extension adds space, light. *Internet*: <http://www.reuters.com/article/2007/10/29/us-arts-prado-idUSL2947398520071029> Access: 13 June 2011
- PASQUARELLI, G. 2003. Architecture beyond form. In: Tschumi, B. & Cheng, I. (eds) *The State of Architecture at the Beginning of the 21st Century*. United States of America: The Monacelli Press Inc.
- PRIX, W. 2003. b5 2 c6: Public Space. In: Tschumi, B. & Cheng, I. (eds) *The State of Architecture at the Beginning of the 21st Century*. United States of America: The Monacelli Press Inc.
- Remodelation and Expansion of the Thyssen Bornemisza Museum. 2010. *Internet*: http://en.wikiarquitectura.com/index.php/Remodelation_and_Expansion_of_the_Thyssen_Bornemisza_Museum Access: 13 June 2011
- Rotterdam Redux. 1994. *Architectural Record*. March: 84-89
- SAIA CONSERVATION AWARDS - SAB CENTRE: SAB Visitors' Centre, Newlands. 1997. *Architecture SA*. November/December: 18-19
- SCHULTZ, A. C. 2000. Carlo Scarpa: built memories. In: Birksted, J. (ed.) *Landscapes of memory and experience*. London: Spon Press.
- SCHULTZ, A. C. 2010. *Carlo Scarpa Layers*. Second edition. Zlin, Czech Republic: Graspo CZ.
- STERN, R.A.M. 2003. Urbanism is about human life. In: Tschumi, B. & Cheng, I. (eds) *The State of Architecture at the Beginning of the 21st Century*. United States of America: The Monacelli Press Inc.
- UNESCO, see United Nations Educational, Scientific and Cultural Organization.
- UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANISATION. 2003. *World Heritage Paper 9: Partnerships for World Heritage Cities; Culture as a Vector for Sustainable Urban Development*. Paris, France: UNESCO World Heritage Centre.
- University of Pretoria. 2010. ABLEWIKI: Old Fire Station. *Internet*: http://wiki.up.ac.za/index.php?title=ABLEWIKI:Old_Fire_Station Access: 3 February 2011
- WOODMAN, E. 2007. Moneo's Prado extension hedges its bets. November. *Internet*: <http://www.building.co.uk/buildings/moneo%E2%80%99s-prado-extension-hedges-its-bets/3098889>. article Access: 13 June 2011