

APPENDIX

With thanks to my parents and my sister
To Rudolf for his undending wisdom and patience
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Everyone in studio

BIBLIOGRAPHY

18twenty8, 2015, About us, viewed 15 May 2015, www.18twenty8.org/.

Ahmed, M. & Jameson, M. 2013. The Void Hypothesis. Available online at https://www.aaschool.ac.uk/.../INTER_13_EXTENDED_BRIEF_2012-1. Accessed 18 July 2015.

Ardener, S. (ed.), 1981. Women and Space: Ground Rules and Social Maps. 'Introductory Essay' in E.W. Ardener (ed.). London: Tavistock Press.

Background information, Available online at www.anc.org.za/wl/show.php?id=3098. Accessed 10 October 2015.

Berger, J. 1990. Ways of seeing. London: Penguin Books.

Berglund, E. Building a Real Alternative: Women's Design Service. www.field-journal.org. Vol.2 (1), October 2008.

Bolsmann, E. 2001. Pretoria: Artists' Impressions 1857-2001. Protea Book House: Pretoria.

Callaway, H. 1981. 'Spatial Domains in Yorubaland, Nigeria', Women and Space: Ground Rules and Social Maps, Ardener, S. (ed). London: Tavistock Press.

Colomina, B. 1996 Battle Lines- E1027 in *The Sex of Architecture*, edited by Diana Agrest, Patricia Conway and Leslie Kanes Weisman, Harry N Abrams Inc, New York: 43.

Colomina, B. 1992. *The Split Wall: Domestic Voyeurism*. Beatriz Colomina (ed.), *Sexuality and Space*. New York: Princeton Architectural Press.

Carroll, L. 1876. *The Hunting of the Snark*. London: Penguin Books.

Cheng, A. 2010, *Second Skin: Josephine Baker & the Modern Surface*. Oxford: Oxford University Press.

De Beauvoir, S. 1949. *The Second Sex*, translated by H M Parshley, London: Penguin Books.

Descartes, R. 1968 (originally 1637), *Discourse on Method and The Meditations*, London: Penguin Books.

Elden, S. "Between Marx and Heidegger: Politics, Philosophy and Levebvre's The Production of Space," *Antipode*36, no. 1 (2004):86-105.

Foucault, M. 1984. *Of Other Spaces: Utopias and Heterotopias*. *Architecture/Mouvement/Continuite*. ('Des Espace Autres', March 1967. Translated from the French by Jay Miskowiec)

'Gender spaces in Ndebele homestead planning' from South African History Online, www.sahistory.org.za. Accessed 26 June 2015.

Hassim, S. 2004. *Voices, Hierarchies and Spaces: Reconfiguring the Women's Movement in Democratic South Africa*. A case study for the UKZN project entitled: Globalisation, Marginalisation and New Social Movements in post-Apartheid South Africa.

Harley, J.B. (1990) *Maps and the Columbian Encounter*. Milwaukee, WI: University of Wisconsin.

Hayden, D. 2000. 'What would a non-sexist city be like? Speculations on Housing, Urban Design and Human Work' in *Gender Space Architecture*. Borden, I, Penner, B, Rendell, J. (eds.) London:Routledge.

Heynen, H. & Baydar, G. (2005). *Negotiating Domesticity: Spatial productions of gender in modern architecture*. New York: Routledge.

Heidegger, M. 1971. *Poetry, Language, Thought*. Translated by A Hofstadter. New York: Harper & Row.

Josephine Baker House, Unbuilt. Date unknown. Available online at <http://cargocollective.com/adolfloos/Josephine-Baker-House-Unbuilt>. Accessed 4 April 2015.

Koolhaas, R. Mau, B. 1995. *S,M,L,XL*. New York: The Monacelli Press.

LAMOSA, 2015, Company Overview, Viewed 15 May 2015, lamosa.org.za/.

Lefebvre, H. 1974. *Le droit à la ville suivi de Espace et politique*. Paris: Éditions Anthropos.

Lefebvre, H. 1991. *The Production of Space*. Translated by D Nicolson-Smith. Oxford: Blackwell.

Lewis, D. 2002. "African Feminist Studies:1980 – 2002: A Review Essay for the African Gender Institute's 'Strengthening Gender & Women's Studies for Africa's Social Transformation Project.'" African Gender Institute, University of Cape Town. Available online at <http://www.gwasafrika.org/knowledgeg/index.html>. (Accessed 2 March 2015).

Madanipour, A. 2003. *Public and Private SPaces of the City*. London: Routledge.

Maloney, M. 2013. *Before Digital: Yves Klein and the Leap into the Void*. Available online at <http://www.inthein-between.com/yves-klein-before-digital/>. Accessed 18 September 2015.

Massey, D. 2001. *For Space*. London: Routledge.

McFadden, P. quoted in 'Transformation:An Informal Journal about Yari Yari Pamberi 2004', Felicia Pride, November 2004, Available at www.thebacklist.net. Accessed 9 August 2015.

McLeod, M. *Everyday and Other Spaces*. In *Gender Space Architecture: An Interdisciplinary Introduction*. Ed. Jane Rendell, Barbara Penner, and Ian Borden. New York: Routledge, 2000. 182-202.

Noble, J.A. 2011. *African Identity in Post-apartheid Public Architecture: White Skin, Black Masks*. Johannesburg: Ashgate.

O. Oyewumi ed. 2003. *African Women and Feminism: Reflecting on the Politics of Sisterhood*. Asmara: Africa World Press.

Quirk, V. 'Pritzker Rejects Petition for Denise Scott Brown's Retroactive Award' 16 Jun 2013. ArchDaily. Accessed 27 Oct 2015. <http://www.archdaily.com/389074/pritzker-rejects-petition-for-denise-scott-brown-s-retroactive-award/>.

Quirk, V. Zaha Hadid Defends Qatar Stadium from Critics. 26 Nov 2013. ArchDaily. Accessed 26 Oct 2015. <http://www.archdaily.com/452161/zaha-hadid-defends-qatar-stadium-from-critics/>.

Rendell, J. 1999. Thresholds, Passages and Surfaces: Touching, Passing and Seeing in the Burlington Arcade, Alex Cole (ed.), *The Optics of Walter Benjamin*, London: Blackdog Press.

Rich, P. 2011. Learnt in translation. Tim Hall Pg. 10-12. *Journal of the South African Institute of Architecture*. November/December 2011.

Rowe, Colin; Koetter, Fred (1978). "Crisis of the Object: Predicament of Texture". *Collage City*. Cambridge, MA: MIT. pp. 86–117.

RWMSA, 2015, Mission, Viewed 15 May 2015, <<http://RWMSA.org>>.

Schumacher, P. 2000. Research and Practise in Architecture. Website Paper delivered at Conference, at Alvar Aalto Academy. Published in: *Research and Practise in Architecture*. Esa Laksonen, Tom Simons, Anni Vartola (eds).

Skar, S. 1981. 'Andean Women and the Concept of Space/Time', *Women and Space: Ground Rules and Social Maps*, Ardener, S. (ed). London, Tavistock Press.

Smithson, R. 1996. *Robert Smithson: The Collected Writings*. University of California Press: Berkley.

STATE OF POVERTY AND ITS MANIFESTATION IN THE NINE PROVINCES OF SOUTH AFRICA, March 2014. Available online at www.nda.org.za. Accessed 6 June 2015.

The Pleasure Garden of Utilities. Date unknown. Available online at www.muf.co.uk/. Accessed 15 October 2015.

Trogal, K. 2003. *Feminine Tactics in Architecture*. Submission for M Arch. Available online at https://linesofflight.files.wordpress.com/2008/02/feminine_tactics_in_architecture.pdf. Accessed 2 March 2015.

Weisman, L. 'Women's Environmental Rights: A Manifesto', 'Making Room: Women and Architecture', *Heresies: A Feminist Publication on Art and Politics* (1981), 3(3), issue 11.

Wilson, E. 1991. *The Sphinx in the City: Urban Life, the Control of Disorder and Women*. London: Virago.

Women's Legal Centre, 2015, *Our Mission and Vision*, Viewed 15 May 2015, www.wlce.co.za.

Women's Rights and Representation; 2007. [Online] Available from: <http://www.sahistory.org.za/topic/womens-rights-and-representation> [Accessed 10 March 2015].

Newspaper articles

Mangcu, X. (Wednesday 6th August 2014) *Let's do it for ourselves*. [Online] Available from: <http://www.news24.com/Archives/City-Press/Lets-do-it-for-ourselves-20150429> [Accessed 4 May 2015].

Smith, Gail. (Friday 29th August 2014) *A betrayal of our valiant History*. [Online] Available from: <http://mg.co.za/article/2014-08-29-a-betrayal-of-our-valiant-history/> [Accessed 12 March 2015].

Schmahmann, Brenda. (Friday 10th May 2013) *Symbols trailing tyrannies of the past*. Available from: <http://mg.co.za/article/2013-05-10-symbols-trailing-tyrannies-of-the-past>. Accessed 12 March 2015.

Interviews:

Goosen, C. Interviewed by: Bester, K. (24 April 2015).

Van Der Westhuizen, C. Interviewed by: Bester, K. (29 May 2015).

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