

Fig. 106 Cinema wall construction

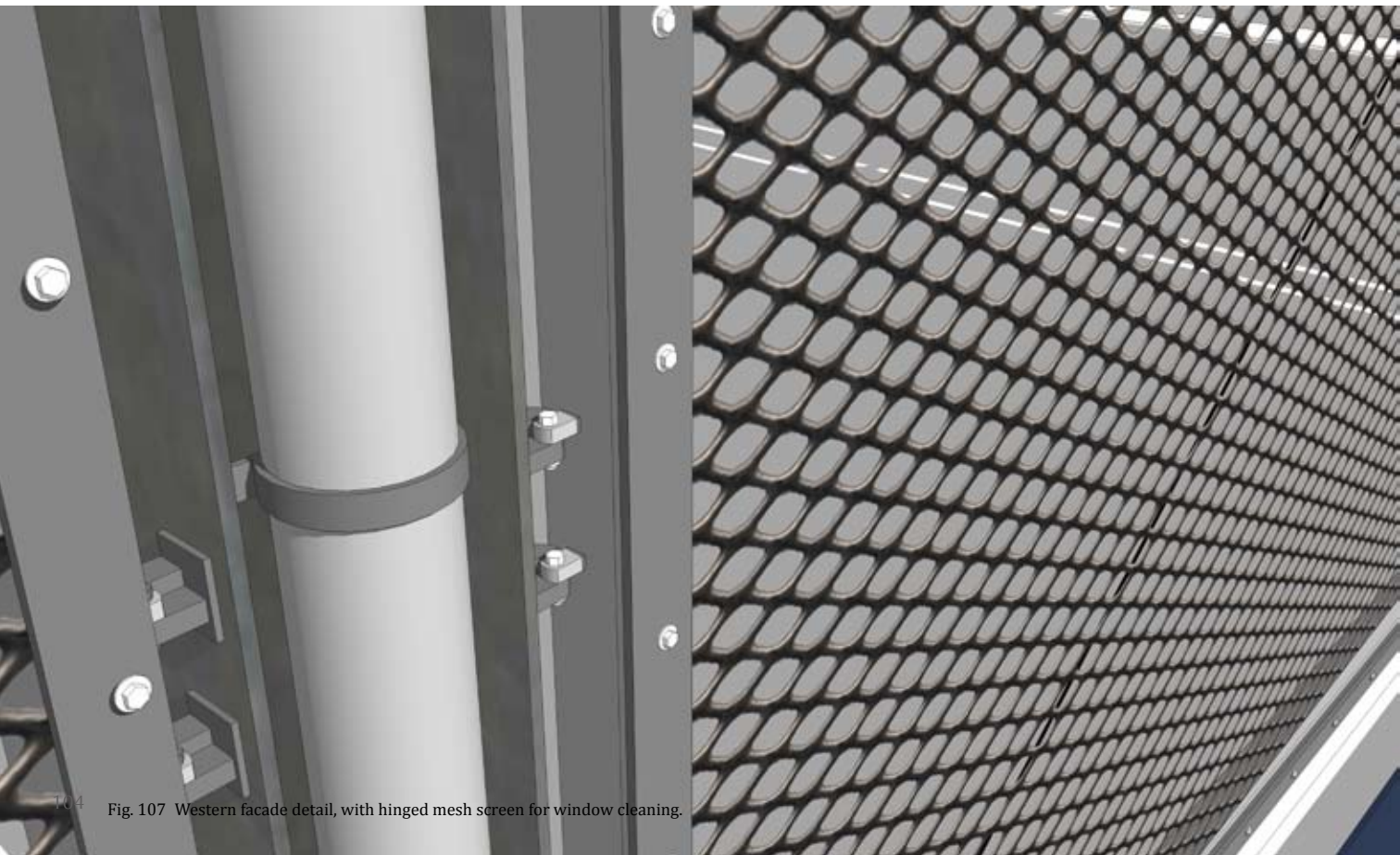


Fig. 107 Western facade detail, with hinged mesh screen for window cleaning.

BIBLIOGRAPHY

Books. Journals. Interviews. Websites. Films

BOOKS

- Barber, S. (2002). **Projected Cities - Cinema and Urban Space**. London: Reaktion Books Ltd.
- Bruno, G. (2007). **Atlas of Emotion - Journeys in art, architecture, and film** (2nd Edition, Paperback Version. 1st Edition published in 2002 ed.). London: Verso.
- Comte-Sponville, A. (2004). **Time. In A. Comte-Sponville, The Little Book of Philosophy** (F. Wynne, Trans., pp. 109-124). London: William Heinemann.
- Hodge, B (2006). **Skin + Bones - Parallel Practices in Fashion and Architecture**. New York: Thames and Hudson Inc.
- Holm, D (1996). **Manual for energy conscious design**. Department Mineral and Energy- Directorate energy for Development.
- Martin-Jones, D. (2006). **Deleuze, Cinema and National Identity, Narrative Time in National Contexts**, Edinburgh: Edinburgh University Press Ltd.
- Leyda, J. (1963). **Film Form - Sergei Eisenstein**. London: Dennis Dobson Ltd.
- Le Corbusier (1946). **Towards a New Architecture**. London: The Architectural Press
- Miliadis, J (sa). **The Acropolis**. Athens: M. Pechlivanidis & Co Ltd.
- Tschumi, B. **Event Cities 2**. London.
- Tschumi, B. (1994). **The Manhattan Transcripts** (New Edition, First published in Great Britain in 1981 by Architectural Design ed.). London: Academy Group Ltd.
- Robertson, P (1986). **The Shell Book of Firsts**, Treasure P; 2re. edition (Oct 1986)
- Pallaasmaa, J. (2001). **The Architecture of Image - Existential space in cinema**. Helsinki: Building Information Ltd.
- Sanders, J. (2002). **Celluloid Skyline - New York and the Movies**. New York: Alfred A. Knopf.

JOURNALS

- Dear, M. (1994). Between Architecture and film. In M. Toy, Architectural Design – Film and Architecture 1 (Vol. 64 no11/12). London: Academy Editions.
- Sohn, H. (2006). **The world-as-film: The evolution from the world as picture to the world-as-multimedia**. In P. Healy, & G. Bruyns, De-/signing the urban. Techno-genesis and the urban image. Rotterdam: 010 Publishers.
- Toy, M. (1994). Architectural Design - Film and Architecture. London: CVH Publishers.
- Rattenbury, K. (1994). **Echo and Narcissus**. In M. Toy, Architectural Design - Architecture and film 1 (Vol. 64 no11/12). London: Academy Editions.
- Chabard, P (2005). **Rem in America**. In L'Architecture D'Aujourd'Hui (Vol. 361, Nov-Dec 2005) pg 48-61
- Grima, J (2004). **Seattle Central Library OMA**. In Domus (Vol. Giungno June 2004) pg. 24-27
- Bois, Y (1989). **Sergei M. Eisenstein, Montage and Architecture (CA. 1938)**. In Assemblage 10 December 1989 pg 111-131. Retrieved October 1, 2009 from http://www.cosmopista.files.wordpress.com/2008/10/eisenstein_ssmontage-and-architecture.pdf

INTERVIEWS AND LECTURES

- Broodryk, C. (2009, March 23). Film Theory. (J. Bruwer, Interviewer)
- Trevor. (2009, February 26). South African Film Archive, NFFSA. (J. Bruwer, & C. Ascroft, Interviewers)
- Jordaan, G (2009, April). Problems with Tshwane Framework (J. Bruwer & P. Du Toit, Interviewers).
- Fraser, H (2009, September). Smartglass glazing catalogue (lecture)

WEBSITES

- Avery Associates (1989). Arts Projects : Museum of the Moving Image. Retrieved October 1, 2009 from Avery Associates: <http://www.avery-architects.co.uk/momi.html>
- Adjaye, D (2009). The BFI Mediatheque. Retrieved October 1, 2009 from <http://www.adjaye.com>
- Bubb, C.L. (2006) Sequence as Structure: Ordering the Body, Space and Architecture. University of Cincinnati Thesis. Retrieved

- September 15 from <http://etd.ohiolink.edu/send-pdf.cgi/bubb%20cynthia%20lynn.pdf?ucin11553843083>
- Blunden, A. (1998). The Work of Art in the Age of Mechanical reproduction - Walter Benjamin. Retrieved March 6, 2008, from Marxists: <http://www.marxists.org/reference/subject/philosophy/works/ge/benjamin.htm>
- BFI (2009). The British film Institute. Retrieved March 10, 2009 from <http://www.bfi.org.uk>
- Tschumi, B. (2009). The New Acropolis Museum. Retrieved June 15, 2009 from <http://www.tschumi.com>
- Davis, B (2006). Dream Factory. Retrieved May 24, 2009 from ARTnet: <http://www.artnet.com/magazineus/reviews/davis/davis9-20-06>
- Department of Trade and Industry. (n.d.). Film and Television Production Incentive. Retrieved February 22, 2009, from DTI: <http://www.thedti.gov.za/film/film incentive.htm>
- Directorfile (2007) La science des rêves (The Science of Sleep). Retrieved May 24, 2009, from Directorfile: <http://www.directorfile.com/gondry/science.html>
- El-Tibi, S. (n.d.). Invisible Architecture - The Uncanny and new media cinema. Retrieved March 10, 2009, from <http://x2.i-dat.org/-se/invisible.pdf>
- FIAF. (n.d.). FIAF - International Federation of Film Archives. Retrieved February 22, 2009, from FIAF: <http://www.fiafnet.org/uk/whatis.cfm>
- HyperMedia Manifesto. (n.d.). Retrieved February 22, 2009, from i-cubed HYPERMEDIA: <http://i3hypermedia.com/philosophy/i3manifesto.php>
- Lukez, P. (1999). The frame and beyond : mediating Film and Architecture. Retrieved March 6, 2008, from lukez: www.lukez.com/teaching/fall1999studio_description.html
- Libeskind, D (2009). The Berlin Jewish Museum. Retrieved October 1, 2009, from http://www.daniel_libeskind.com
- Manut, P. (1999). Koolhaas gives city first look at library design. retrieved May 6, 2009, from Seattle Journal of Dially Commerce: <http://www.djc.com/news/ae/>
- Toorn, R. (n.d.). Architecture Against Architecture - Radical Criticism Within Supermodernity. Retrieved February 2, 2009, from CTheory: <http://www.ctheory.net/articles.aspx?id=94>
- Ruault, P (2004). OMA - Seattle Central Library. Retrieved May 27, 2009 from OMA: <http://www.oma.nl/>
- Rees, J (2005). Carmen clicks in Cape Town. Retrieved April 30, 2009 from the Telegraph: <http://www.telegraph.co.uk/culture/music/3638800/Carmen-clicks-in-Cape-Town.html>
- Filmmaker South Africa (2009). SA Pavilion wins first prize at AFCT Locations Trade Show. Retrieved May 29, 2009 from Filmmaker South Africa: http://www.filmmaker.co.za/readarticle.php?article_id=4873
- Goethe-Institut (2009). *Wegweiser Film- Miscellaneous festivals*. Retrieved April 30, 2009 from Goethe-Institut: <http://www.goethe.de/kue/flm/weg/weg/fes/wei/w/enindex.htm>
- SAhistory (2003). South African Film Timeline. Retrieved 27 April, 2009 from SAhistory: <http://www.sahistory.org.za/pages/chronology/special-chrono/society/film.htm>
- The Independant (2007). *Anthony Minghella: Long live the Queen, long live Dame Helen! We have an inexhaustible appetite for the moving image*. Retrieved October 1, 2009 from The Independent: http://www.independent.co.uk/opinion/commentators/anthony_minghella-long-live-the-quenn-long-live-dame-helen-437752.html

TECHNICAL BOOKS

- Adler, D (1999) **Metric Handbook**. Reed Educational and Professional Publishing Ltd
- Neufert, E & Neufert, P (sa). **Architects' data**
- South African Institute of steel construction (1987). **South African steel construction handbook**. Cape Town: CTP book printers
- Orton, A (1988). **The way we build now: form, scale and technique**, Van Nostrand Reinhold company

TECHNICAL WEBSITES

- Smartglass (2009) Retrieved October 1, 2009 from <http://www.smartglass.co.za>
- Arri (2009) Retrieved October 15, 2009 from <http://www.arri-shop.co.uk>
- SPCoils (2009) Retrieved September 20, 2009 from <http://www.spc coils.co.uk>
- PGbison (2009) Retrieved October 1, 2009 from <http://www.pgbison.co.za>

Subsonic Acoustics (2008) Retrieved October 1, 2009 from <http://www.acousticpanels.co.za>
 Panelworld(2009) Retrieved September 25, 2009 from <http://www.panelworld.co.za>
 GKD Mesh (2009) Retrieved October 1, 2009 from <http://www.gkd.de>
 GWP Glazing (2009) Retrieved October 1, 2009 from <http://www.gwpglazing.co.uk>
 Voltas Technologies (2009) Retrieved October 1, 2009 from <http://www.voltastechnologies.co.za>
 Coldstream (2009) Retrieved October 1, 2009 from <http://www.coldstreamcoldrooms.co.uk>
 Kodak (2009) Retrieved October 20, 2009 from http://motion.kodak.com/US/en/motion/Support/Technical_Information/Storage/storage_nitrate.htm

FILMS

Lang, F. (Director). (1927). Metropolis [Motion Picture]. Germany: Frederich Wilhelm Murnau Foundation
 Scott, R. (Director). (1982). Blade Runner [Motion Picture]. Warner Brothers
 Nolan, C (Director).(2001). Memento [Motion Picture]. Summit Entertainment
 Gondry, M (Director). (2006). La science des rêves (The Science of Sleep) [Motion Picture] Warner Brothers and Gaumont.
 Antonioni, M (Director). (1966). Blow-up [Motion Picture] MGM, Premier Pictures
 Gilliam, T. [Director] Brazil (1985) [Motion Picture] 20th Century Fox, Universal Pictures
 Mereilles, F. Lund,K. [Director] Cidade de Deus (City of God) (2002) [Motion Picture] Miramax, Buena Vista International
 Godard, J. [Director] Alphaville, une étrange aventure de Lemmy Caution (1965) [Motion Picture] Athos Films
 Polanski, R. [Director] Repulsion (1965) [Motion Picture] Compton Films, Columbia Pictures
 Besson, L.[Director] Fitfh Element (1997) [Motion Picture] Gaumont Film Company, Columbia Pictures, Pathé
 Hitchcock, A. [Director] Rear Window (1954) [Motion Picture] Paramount, Universal Pictures
 Gondry, M. Carax, L. Bong, J. [Director] Tokyo! (2008) [Motion Picture] Bitters End
 Cooper, M. Schoedsack [Director] King Kong (1933) [Motion Picture]
 Schreiber, L. [Director] Everything is Illuminated (2005) [Motion Picture] Warner Independent Pictures
 Lucas, A. [Director] The Mysterious Geographic Explorations of Jasper Morello (2005) [Motion Picture] Monster Distrubutors
 Tati, J. [Director] Mon Oncle (1958) [Motion Picture] Gaumont, Continental Distrubuting
 Tati, J.[Director] Playtime (1967) [Motion Picture]
 Antonioni, M [Director] The Passenger (1975) [Motion Picture] Metro-Goldman-Mayer
 Janowitz, H. Mayer, C.[Director] Das Cabinet des Dr. Caligari (The Cabinet of Doctor Caligari) (1920) [Motion Picture] Goldwyn Distrubuting Company, Decla-Bioscop
 Lang, M. [Director] M (1931) [Motion Picture] Vereinigte Star-Film GmbH, Paramount Pictures
 Vertov, D. [Director] Chelovek s kino-apparatom (The man with the movie camera) (1929) [Motion Picture]
 Tykwer, T. [Director] The International (2009) [Motion Picture] Columbia Pictures
 Handke, P. Reitingen, R. [Director] Der Himmel über Berlin (Wings of desire) (1987) [Motion Picture] Orion Classics
 Greene, G. [Director] The third man (1949) [Motion Picture] British Lion films, Selznick International Pictures
 Nolan, C. [Director] The dark knight (2008) [Motion Picture] Warner Brothers.
 Kubrick, S. [Director] The Shining (1980) [Motion Picture] Warner Brothers
 Kubrick, S. [Director] A Clockwork Orange (1971) [Motion Picture] Warner Brothers
 Kahn, N. [Director] My Architect (2003) [Motion Picture]



Fig. 108 Block investigation : Schizo Framework Group

FROM COMMUNAL GROUP MANIFESTO :

SchizoCity is an experiment that questions accepted practices of urbanism. These practices often fail to address complexities of existing context and fabric. Within this framework, process replaces product, mindset replaces solution. It focuses on a generative ideology that exposes the latent multiplicity of the current urban situation.

The SchizoCity framework was done as a group project and set out to mainly investigate the pedestrian friendly nature of the Pretoria CBD and immediate areas. In developing the discourse surrounding the urban framework proposal it was necessary to research existing concepts and theories regarding the development of urban space. The relationship between programme and existing block typologies that occur in many contemporary cities was the main theme of discussion. The grid has been the de facto generator of urban form since antiquity. A method employed by civilization to logically define its presence on the earth.

This framework accepts the condition, but questions the nature of urban design itself. It opposes the nominally efficient process of planning and zoning. The framework proposes a large- scale architectural mindset that is spatially and programmatically driven. This allows for specific interpretations of context and program, without being restricted by an inhibitive framework.

Hausmann's process of strategic rupture, whereby the block both physically and experientially, creates opportunities for previously interiorised spaces of the block is opened to become the theatre of collective annexation. It unlocks the possibility of individual modes of expression. Previously inaccessible space supports an urban tissue of greater depth

and experience. This tissue forms a framework for human experience that could successfully support its inhabitants and their complex needs. Jan Gehl, a Danish architect, subscribes to the aphorism that life takes place on foot. Mechanisation with the advent of automobiles, computers and the internet has a direct influence on, the possibilities and opportunities for chance encounters.

Interaction, that were for so long an everyday occurrence, have diminished (Barnett, 2003:17) – people have stopped engaging with their environment on a variety of levels.

This situation Gehl believes can be remedied through the design of a physical environment that promotes 'optional activities' such as lingering in the shade of a tree, watching a water fountain, pausing for a cup of coffee etc (Barnett, 2003:17). These aspects in turn promote an environment of sociability and community that is crucial to the convivial nature of a successful urban space.

Parallel to the spatial investigation of the city, a programmatic exploration is necessary to achieve the goals of the proposed framework. It is suggested that programmes that exist on the fringes of the city, or that might be considered alien to the urban environment be introduced into space provided by the alternative block typologies. These programmes are deliberately chosen as not to compete with the existing programmes of the city but to be complimentary and catalytic processes. With reference to Schizo City the proposed project intends to add another layer of 'exploration' within the city.

Bibliography

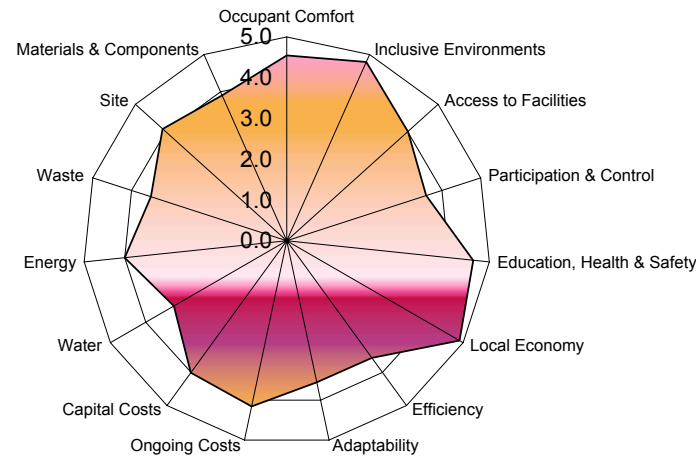
BARNETT, J. 2003. Redesigning cities. Planners Press: Chicago.
 PANERAI, P., CASTEX, J., DEPAULE, J.C., SAMUELS, I. 2004. Urban forms: the death and life of the urban block. Architectural Press: Oxford.

Appendix B

SBAT rating of Archive

SUSTAINABLE BUILDING ASSESSMENT TOOL (SBAT- P) V1

PROJECT	ASSESSMENT
Project title: Archive Cinema Complex	Date: Oct-09
Location: Pretoria CBD	Undertaken by: Jaco
Building type: Museum/Cinema	
Internal area (m2): 3800SQM	
Number of users:	



Social	4.3	Economic	4.0	Environmental	3.7
Overall	4.0	Classification	VERY GOOD		



Appendix C

Framework : Inner City

BLOCK FRAMEWORK

Two interventions:

- P. du Toit: City Centre and Die Meent redevelopment
- J. Bruwer: Archive Cinema Complex

Current problems of the Pretoria CBD:

- Existing Infrastructure (why expand?) :
- under-utilised empty buildings in the CBD
- CBD deterioration
- urban sprawl unnecessary
- lack of Social Framework (Jordaan:2009) :
- little or no nightlife in CBD
- monotonous urban activities
- public space can be improved

BLOCK FRAMEWORK

Theory

Prix, in his essay "b5 2 c6: Public Space" (2003:18), states that in Western cities (also Tshwane) public authorities do not have the ability to fund urban projects, thus private investors develop land for financial gain. He goes further by saying that "the master plan is dead" (ibid.) - transformations in the urban fabric has caused the individual 'figures' (i.e. buildings) to be the main influence of urban space (ibid.). Pasquarelli (2003:24) agrees when he suggests that small actions within cities should be favoured above large-scale principles. Therefore, the City Block Framework proposes specific interventions to enhance the inner city public realm.

Framework Components

- Gentrification
- Inject new life into the city
- Densification
- Vertical expansion and more effective use of existing built fabric
- Sustainability
- "urban-recycling"

FRAMEWORK GUIDELINES

“The model of the building as object is replaced by the idea of an urban transistor – an architecture that is capable of amplifying the urban spaces adjoining it through its own transistor like spatial organization”. (Prix, 2003 : p 18)

Transistor definition - a semiconductor device with three connections, capable of amplification in addition to rectification (Oxford dictionary).
Amplify definition: cause to become more marked or intense (Oxford dictionary).
Rectify definition: put (something) right; correct (Oxford dictionary).

- “To create public space through architecture.” (Prix, 2003 : p 18)
- Utilise disused spaces in the city, creating more public space
- Public space no longer on a master plan level, but on an architectural scale – smaller interventions related to the context rather than large-scale solutions.
- Contribute to the public domain of the Pretoria CBD (add more public space and rectify existing)
- Create new interaction level in city (roofscapes, empty interior spaces and arcades)
- Three-dimensional use of space
- Create energy between two interventions that would act as a catalyst for development for adjacent buildings

Bibliography

1. PASQUARELLI, G. 2003. . In The State of Architecture at the Beginning of the 21st Century. Edited by B. Tschumi and I. Cheng. United States of America: The Monacelli Press, Inc., p. 24.
2. PRIX, W. 2003. b5 2 c6: Public Space. In The State of Architecture at the Beginning of the 21st Century. Edited by B. Tschumi and I. Cheng. United States of America: The Monacelli Press, Inc., p. 18-19.
3. JORDAAN, G. (2009). Problems with Tshwane framework (J.Bruwer & P. du Toit, interviewers)

WITH THANKS TO.....

Our dedicated Studio Master, Mentors and study leaders, my work colleague (Don) fellow students and friends! Thanks to my friends who helped (for free) with the book/model/presentation/encouragement/patience/food.

Ma en Pa vir julle ondersteuning! Sussies ook! Die res van die familie, Ouma!
Free contributors - Anelle, Stegmann, Stephan, Lize, Anja, Don