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 - www.lafarge.co.za
 - www.ppc.co.za
- www.cnci.org.za/structural_concrete
 - www.tiltupnews.com
 - www.tilttech.co.za
 - www.sapta.co.za

Steel

- www.mittal.co.za or www.iscor.co.za
 - www.amsteelesystems.com

Glass

- www.pilkington.com.au
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Glossary 10.3/

ALT_ Altitude

AZI_ Azimuth

CBD_ Central Building District

GDP_ Gross Domestic Product

HAS_ Horizontal Shadow Angle

HDI_ Human Development Index

M²/p_ Square meters per person

SABS_ South African Bureau of Standards [National Building Regulations]

SAIC_ South African Institute of Steel Construction

SAPTA_ South African Post Tensioning Association

UNISA_ University of South Africa

WC pan_ water closet [toilet]

VSA_ Vertical Shadow Angle

Architectural Concepts + Definitions

Defining of Spaces

The defining of clear spaces to accentuate place, thresholds and order requires solid forms such as walls. Courtyards consisting of a defined nesting qualities with the option to view out defines a difference between being within the courtyard and being beyond it. Defined spaces emphasise the difference between spaces and thus connection, which is communicated physically and visually through materials.

Thresholds

The concept of a threshold is that which is before or after something and thus should be communicated through level changes, material changes, change in scale and difference in light qualities. These are all approaches essentially attempting to make a physical change to one's experience and define one space from another through a distinct character embedded in each space.

Circulation Strips

The intention of circulation routes sets an order to access and thus process of experience. The idea of creating a space which though open and interactive still has a character of its own and quality of experience different to those spaces connected to it.

Transparent Edges

Visual Connection from inside to outside and outside to inside enables a truly connected form of architecture which glass allows for in the expression of communication through connection. Thus bridging the gap whereby architecture is essentially about forming enclosure yet only on a physical level. Technology is able to allow for visual connection whilst still providing enclosure. Its surroundings even more. A wall no longer needs to only function as a wall it can do so much more.

Display Surfaces

Advances in technology and especially display can enable building elements to become more than structuring forms but surfaces for display. The building envelope has the potential to display and communicate with
