

ARCHITECTIVE

PUBLICATIONS (Pty) Ltd

> ARCHITECTIVE PUBLICATIONS

Since 2004, a unique group of dedicated individuals have been studying and researching the South African architectural engineering and construction (AEC) market with the goal of establishing the specific requirements to deliver industry targeted publications.

Of the many discoveries and lessons learned over the last eleven years, the most valuable has been the fact that no single person would be able to deliver what the community had been yearning for.

While South Africa celebrated the excitement of the 2010 Soccer World Cup, we too celebrated the birth of our business and have since diligently pursued our vision and plan. Some individuals called us crazy for undertaking such a massive task, but even more joined us on this challenge.

By 2013 we had approximately 30 industry experts working on the contents of the first book and after three years of intense research, checking, double checking and re-checking again, Building Construction Standards for South Africa is available to everyone.

It is inevitable for publications such as Building Construction Standards for South Africa to be revised and updated on a regular basis, other equally significant publications are being researched and developed for the AEC community.

086 1234 888 WWW.ARCHITECTIVE.CO.ZA

> WRITERS AND CONTRIBUTORS

Easily the most comprehensive and authoritative technical reference of its kind on the market today, Building Construction Standards for South Africa will see you through every stage of your project. The authors and contributors have distilled lifetimes of experience and expertise into a readily accessible resource for AEC industry professionals, students, developers and owners. Authors and contributors include, but are not limited to:

Institutes

ITC

(Institute for Timber Construction South Africa)

SASIS

(Southern African Institute of Steel Construction)

Associations

AAAMSA

(Association of Architectural Aluminium Manufacturers South Africa)

SASFA

(Southern African Light Steel Frame Building Association)

SAGGA

(South African Glass and Glazing Association)

TIASA

(Thermal Insulation Association of South Africa)

Companies

Corobrik (Pty) Ltd

PG Glass

Cemcrete



Contributors

John Barnard

Southern African Light Steel Frame Building Association (SASFA)

Gerhard Bosman

Architect & Lecturer (UFS)

Paul Bossert

Heyn + Associates

Lee Burger

Landscape Architect (ISDG) & Lecturer (UJ)

Kenneth Gardiner

Architect & Lecturer (UP)

Gerhard Griesel

Landscape Architect & Lecturer (CPUT)

Gordon Hart

Gordon Hart Architects

Ziani Janse van Rensburg

B.Tech. (Arch.) student (TUT) Project Manager & Illustrator

Pieter Jonkers

Lecturer (TUT)

Gerry Joubert

Chief Architect - Department of Public Works & Lecturer (TUT)

Jacques Laubscher

Architect & Lecturer (UP)

Sonia Leithgöb

Architect & Lecturer (TUT)

Frieda le Roux

B.Arch. (Stud.) & Sub-editor

Jolanda De Villiers Morkel

Architect & Lecturer (CPUT)

Peter Muller

Snow Consultants & Lecturer (UJ)

Louis Oosthuysen

Oosthuysen & Company Architects

Marguerite Pienaar

HolmJordaan Architects & Urban Designers

Morné Pienaar

HolmJordaan Architects & Urban Designers

Sieg Schmidt

Head of Architecture Department (TUT) & Editor

Nolte Smit

Wood Scientist

Daan J Steynberg

Architect & Lecturer (TUT)

Johan van Rooyen

Landscape Architect & Lecturer (CPUT)

Mostert van Schoor

Architectural Technologist & Lecturer (TUT)

Hermie Voulgarelis

Architect & Lecturer (CPUT)

Bernadette Vollmer

BL (UP), Pr LArch 20110, MSc Project Management (UP)

Daniel van der Merwe

B.Arch. (GIFA)

Dirk Lustig

Lecturer (TUT) & Illustrator

Peet Steynberg

Architect & Illustrator

Ettienne Bruwer

B.Tech. (Arch.) student (TUT) & Illustrator

Johan du Toit

M. Tech. (Arch.) student (TUT) & Illustrator

Rikus Engelbrecht

B.Tech. (Arch.) student (TUT) & Illustrator

Jaco Janse van Rensburg

B.Tech. (Arch.) student (CPUT) & Illustrator

> BUILDING CONSTRUCTION STANDARDS FOR SOUTH AFRICA

Our flagship publication, complete with more than 3 000 illustrations, has been expertly written and edited to address the latest advances in materials, building technology, and municipal requirements.

Special features of this 590 page publication include integrated coverage of environmentally friendly materials, sustainable building construction strategies, as well as the inclusion of a wealth of contemporary information throughout.

With its clear presentation of the essential concepts underlying building construction, Building Construction Standards for South Africa, equips professionals and students in all areas of architecture, engineering and construction (AEC) with valuable guidelines for a practical approach to any new materials or techniques they may encounter in building planning, design, and construction.



“Building Construction Standards for South Africa” is for everyone who is involved in the AEC industry, even building owners. Our media partners, such as Specilink, SACAP, SAIA and IID, share our passion for this project and are also driven to delight their audience with the announcement of this publication.

> CONTENTS

Over 60 illustration-packed sections make up the 30 chapters of this new work. Topics and themes include:

Comprehensive and up-to-date, Building Construction Standards for South Africa offers an outstanding introduction to the principles of building construction. This essential reference guide covers practically every principle, material, and method used to design and construct most buildings. Students and professionals will rely on the visual presentation to understand the complex processes of building construction, and it will become a standard go-to reference for those in the industry.



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02 The Client and the design process

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04 The role of SACLAP and voluntary associations

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07 Introduction to Landscape architectural office practice

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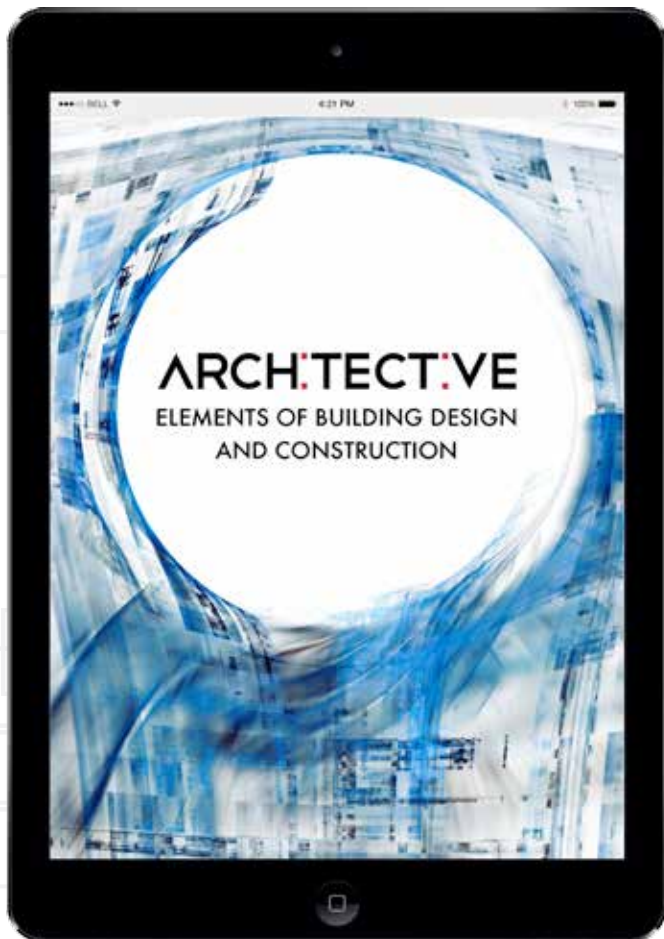
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> ELEMENTS OF BUILDING DESIGN AND CONSTRUCTION

The built environment is a colossal consumer of materials and products and new materials are not necessarily safer.



The growing push for transparency in building materials and construction methods is just the beginning of a massive change in the way we talk about, identify and specify products and materials. The need is for a more comprehensive look at both new and existing alternatives, with a profounder look into the elements and their affect on building design and construction. This illustrated reference manual, *Elements Of Building Design And Construction*, offers a broad view of current ideas, innovations and emerging approaches to building technologies that are reforming the process and consequence of the built environment. Leading contributors with demonstrable track records in industry, architectural practice, engineering and academia give their insights into the way we need to think about architecture in order to work with the environment - instead of against it.

Supported by details that relate to specific research projects, production, design or development, these contributions provide the information required to make decisions about which approach to use and enable the reader to incorporate the chosen strategy during the early stages of design. *Elements Of Building Design And Construction* appeals to all in the built environment as a reference handbook and a source of inspiration.

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