MAKE THINGS HAPPEN

BECOME REALITIES.

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SOLUTIONS IN

MARKET-LEADING

WE CREATE

The Essential Guide

South Africa

Green Building

Handbook

Volume 2
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Living Wealth

balancing people, product, planet & profit

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Who's got dirty feet?
smart sustainable green eco-building environment
discussed above be formed designed built maintained, and their virtual laws to classify as

The question addressed by the article is how should advanced walling systems be designed and
considered as to its sustainability and role in the cycle

system as a whole a long term healthy the cycle is being planned with which each component
more effective and efficient the cycle is being planned with which each component

INTRODUCTION

ADVENTED WALLING SYSTEMS
 CHAPTER 12: ADVANCED WASTING SYSTEMS

12.3

The General Building Handbook

The General Building Handbook is designed to provide a clear and comprehensive guide to the design, construction, and operation of modern buildings. This handbook is intended for architects, engineers, and builders who are involved in the design and construction of buildings.

The handbook covers a wide range of topics, including building codes, materials, and construction techniques. It also provides detailed information on the latest trends in building design and sustainability.

The handbook is divided into several sections, each covering a specific aspect of building design and construction. These sections include:

- Introduction to Building Design
- Building Codes and Regulations
- Materials and Construction Techniques
- Sustainable Building Design
- Interior Design and Technology
- Building Maintenance and Management

The handbook is written in an easy-to-read format, with clear diagrams and illustrations to help readers understand the concepts discussed.

The General Building Handbook is an invaluable resource for anyone involved in the design and construction of buildings. It is an essential reference for architects, engineers, and builders who want to stay up-to-date with the latest trends in building design and sustainability.

The handbook is available in both print and digital formats, and is updated regularly to reflect the latest developments in the field.

In summary, the General Building Handbook is a comprehensive guide to the design, construction, and operation of modern buildings. It is an indispensable resource for anyone involved in the field, and is sure to be an invaluable addition to any professional's library.
CONCLUSION

Environmental awareness is crucial, not only as a means to achieve sustainable development but as a way of thinking and acting. The integration of environmental considerations into the design and construction of buildings is essential to mitigate the impact of human activities on the environment.

Strategies for reducing energy consumption include:

- Efficient building envelopes
- Sustainable materials
- Renewable energy sources
- Water management strategies
- Photovoltaic panels for electricity generation
- Insulation and airtightness

The design of buildings should consider the needs of the occupants, the environment, and the long-term sustainability of the project. This includes considerations of the building's location, climate, and local resources.

In conclusion, the quest for sustainable buildings requires a holistic approach, involving architects, engineers, policymakers, and the general public. Continuous research and innovation are necessary to advance the field of sustainable building design.