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Buildings Must Die

*Buildings For Tomorrow Architecture  
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## DESTINATION ARCHITECTURE

Springer Science & Business Media

When the A&M College of Texas opened its doors in 1876, its early buildings followed a Victorian architectural style. Classical architecture came to the campus with the Academic Building, after the 1912 fire that destroyed Old Main. Subsequent buildings generally followed this neoclassical path, but the growth of the campus in the Depression era saw the addition of an extraordinary group of buildings, sited in accordance with a master plan developed by college architect F. E. Giesecke and designed by S. C. P. Vosper, each of whom also held faculty positions in the first architecture program at a state college in Texas. The buildings designed by Vosper are arguably the finest buildings on the campus, uniquely expressive of the agricultural and mechanical origins of the university; they delight the senses with color, sculpture, and wit. Nancy T. McCoy and David G. Woodcock, distinguished preservation architects and scholars, review the history of Texas A&M campus architecture and provide in-depth coverage of Vosper and his legacy. Illustrated by the sumptuous photography of Carolyn Brown, *Architecture That Speaks* concludes with observations on recent approaches toward the reuse and rehabilitation of campus heritage architecture and a view to the future, as plans evolve for further development of the campus that maintains a respect for both strategic vision and historical heritage.

*Architecture That Speaks* Prestel Publishing

The founder of Architizer.com and practicing architect draws on his unique position at the crossroads of architecture and social

media to highlight 100 important buildings that embody the future of architecture. We're asking more of architecture than ever before; the response will define our future. A pavilion made from paper. A building that eats smog. An inflatable concert hall. A research lab that can walk through snow. We're entering a new age in architecture—one where we expect our buildings to deliver far more than just shelter. We want buildings that inspire us while helping the environment; buildings that delight our senses while serving the needs of a community; buildings made possible both by new technology and repurposed materials. Like an architectural cabinet of wonders, this book collects the most innovative buildings of today and tomorrow. The buildings hail from all seven continents (to say nothing of other planets), offering a truly global perspective on what lies ahead. Each page captures the soaring confidence, the thoughtful intelligence, the space-age wonder, and at times the sheer whimsy of the world's most inspired buildings—and the questions they provoke: Can a building breathe? Can a skyscraper be built in a day? Can we 3D-print a house? Can we live on the moon? Filled with gorgeous imagery and witty insight, this book is an essential and delightful guide to the future being built around us—a future that matters more, and to more of us, than ever.

## LEADING-EDGE DESIGN AND CONSTRUCTION OF HOMES AND BUILDINGS FOR A RENEWABLE ENERGY FUTURE

University of Washington Press

Connecticut boasts some of the oldest and most distinctive architecture in New England, from Colonial churches and Modernist houses to refurbished nineteenth-century factories. The state's history includes landscapes of small farmsteads, country churches, urban streets, tobacco sheds, quiet maritime villages, and town greens, as well as more recent suburbs and corporate headquarters. In his guide to this rich and diverse

architectural heritage, Christopher Wigren introduces readers to 100 places across the state. Written for travelers and residents alike, the book features buildings visible from the road. Featuring more than 200 illustrations, the book is organized thematically. Sections include concise entries that treat notable buildings, neighborhoods, and communities, emphasizing the importance of the built environment and its impact on our sense of place. The text highlights key architectural features and trends and relates buildings to the local and regional histories they represent. There are suggestions for further reading and a helpful glossary of architectural terms. A project of the Connecticut Trust for Historic Preservation, the book reflects more than 30 years of fieldwork and research in statewide architectural survey and National Register of Historic Places programs.

Historic Buildings of Washington, D.C. MIT Press

Traces the development of architectural structure, ranging from the nomad's simple tent to the Sears Tower

Bjarne Mastenbroek. Dig It! Building Bound to the Ground Archie Comic Publications (Trade)

Architecture Inside Out is precisely what the title says - it tells us everything we need to know about the subject of 'Real Architecture'. For everyone (like me) who has been seeking the true explanation, this book is a must read. It should be required reading for all architecture and design students as well as for all those individuals who are responsible for making decisions that influence our built environment. Wayne Ruga, AIA, FIIDA, Hon. FASID, Founder, Symposium on Healthcare Design and The Center for Health Design Traditionally, men have been builders of the universe. This book gives a glimpse of what the world would be like if women took over more of this responsibility. Rather than thinking of architecture as an egotistical gesture involving form and facade, Franck and Lepori believe it should be more alive and take its character from the human body, which is a moving, animated structure that relies on its inner geography for optimum experience. When similarly designed from the inside out, rather than being austere and devoid of sensibilities, buildings would offer spatial sensations that connect with people, such as quality of light, comforting ambiance, joyful spirit and nurturing feelings of support. The new millennium deserves a dramatic revision in thinking away from convention into this new, emotionally-charged yet utterly convincing construct. Beverly Russell, Executive Director, Archeworks and author of *Architecture & Design 1970-1990*, *Women of Design* and *40 Under 40 Architecture* Inside Out weaves together an impressive array of authors and architects - Paul Valéry and Gottfried Semper, Balkrishna Doshi, Juhani Pallasmaa and Steven Holl among them - in vivid description of architectural experience. Extending the long-neglected thread of S.E. Rasmussen's classic *Experiencing Architecture*, the authors use such contemporary lenses as phenomenology and feminism to guide us on our journey through buildings. They trace the haptic qualities of architecture back through the design process with both daring and documentation. Their case studies of architecture's generation will inform teacher and student alike. Deborah Gans, Architect and Associate Professor, Pratt Institute Architecture Inside Out celebrates what the design of places and objects often neglects: the needs, activities and emotions of people and the possibilities for transformation in our ways of thinking and living. With the contemporary interest in architecture as idea and image, there has been a loss of attention to its content in both its materiality and its inhabitation. With the current relentless creation of financially profitable products, there is little care or time for process. The authors describe an alternative approach that attends to content and process, that places human life and experience as well as materiality at the centre of design, that

seeks out opportunities for discovery, growth and transformation. Design is seen not as a project, imposing preconceived ideas upon a situation, but as a process, evolving from inside out: from the desires and activities of people, from site and context, and from a dialogue between architect and client. Examples from art, literature, biology and history, cases from architectural education and practice, and individual life experiences complement the book's strong conceptual framework. Karen A. Franck is an environmental psychologist who has taught for many years in a school of architecture in the US. R. Bianca Lepori is a practising architect in Italy with many years of experience in designing houses and maternity health care facilities. Together they draw upon their diverse backgrounds and areas of expertise, moving easily from concept to example, from a descriptive voice to an experiential one, from one field to another, to present a vision of architecture they share.

**The Metropolis of Tomorrow** Simon and Schuster

Features photos, descriptions and backgrounds of 40 of the world's most innovative, visionary and impossible-looking structures around the world including bus stations, concert venues and aquariums as well as office buildings and hotels. Original.

Building in the Islamic World Today : the Aga Khan Award for Architecture Artifice Incorporated

The new threshold for green building is not just low energy, it's net-zero energy. In *The New Net Zero*, sustainable architect Bill Maclay charts the path for designers and builders interested in exploring green design's new-frontier net-zero-energy structures that produce as much energy as they consume and are carbon neutral. In a nation where traditional buildings use roughly 40 percent of the total fossil energy, the interest in net-zero building is growing enormously--among both designers interested in addressing climate change and consumers interested in energy efficiency and long-term savings. Maclay, an award-winning net-zero designer whose buildings have achieved high-performance goals at affordable costs, makes the case for a net-zero future; explains net-zero building metrics, integrated design practices, and renewable energy options; and shares his lessons learned on net-zero teambuilding. Designers and builders will find a wealth of state-of-the-art information on such considerations as air, water, and vapor barriers; embodied energy; residential and commercial net-zero standards; monitoring and commissioning; insulation options; costs; and more. The comprehensive overview is accompanied by several case studies, which include institutional buildings, commercial projects, and residences. Both new-building and renovation projects are covered in detail. *The New Net Zero* is geared toward professionals exploring net-zero design, but also suitable for nonprofessionals seeking ideas and strategies on net-zero options that are beautiful and renewably powered.

Architecture in Britain in the 1950s MIT Press

*Building Meaning: An Architecture Studio Primer on Design, Theory, and History* is an essential introduction to the complex relationship between form making, historical analysis, and conceptual explorations. This book focuses on the relationship and interdependence between design, theory, and history for an innovative and holistic studio approach. Rather than suggest a singular narrative, this book draws from a diverse range of thinkers and designers to highlight the many interpretations of key architectural concepts, and provides readers with the context essential for developing their own approaches to any design problem. *Building Meaning* is organized to reflect the typical studio process, with stand-alone chapters that provide flexibility for use at any stage of design. The ideal book for beginning and intermediate architecture students, it gives specific methods to

apply in the studio to make the most of the design process, as well as focused exercises to creatively explore each concept presented. Illustrated with more than 250 color images, it enables readers to engage and understand critically the genesis of architectural ideas and their role in our social and cultural experience.

Open Building in Practice "O'Reilly Media, Inc."

An important and fascinating collection of original projects by unique thinkers in the world of architecture and spatial design. Architectural practice today goes far beyond the design and construction of buildings -- the most exciting, forward-thinking architecture is also found in digital landscapes, art, apps, films, installations, and virtual reality. This remarkable book features projects -- surprising, beautiful, outrageous, and sometimes even frightening -- that break rules and shatter boundaries. In this timely book, the work of award-winning architects, designers, artists, photographers, writers, filmmakers, and researchers -- all of whom synthesize and reflect our spatial environments -- comes together for the first time.

Information Architecture for the World Wide Web Bloomsbury Publishing USA

The definitive architecture travel guide that lets you visit 1,000 of today's most must-see contemporary buildings -- whether at home or on the road. Featuring 1,000 of today's most compelling buildings by the world's finest architects, Destination:

Architecture is an unparalleled and comprehensive resource for anyone wanting to get more out of their travels. No journey, from a long weekend to a long-haul trip, would be complete without this expertly curated 'who's who' of the most exciting architecture in the world. Each building is illustrated with a single image and accompanied by a brief description, with addresses, websites, and opening details. It's the best way to find and enjoy contemporary built culture on every continent.

The Architecture of Happiness University of Texas Press

Build-On is a collection of phenomenal architectural transformations that bring new life and function to existing structures. Exceptional examples of large-scale radical renovations and adaptations of industrial wasteland, bunkers, abandoned churches and forsaken rural centres are featured along with creative transformations of smaller building units in the urban and rural context. These overlooked architectural sites are reborn as inhabitable residences, working spaces, art spaces and hotels. This unique collection of inspiring architectonic transformations affirms this sprawling area of innovation and at the same time presents social and cultural interplay between past, present and future.

On Designing Without Depletion W. W. Norton & Company

A medium-sized Dublin-based practice, O'Donnell + Tuomey Architects have been involved with urban design, educational and cultural buildings, houses and housing projects in Ireland, the Netherlands and the UK. They have recently won competitions for two key projects in London: the Photographers Gallery and the London School of Economics Students' Centre. Sheila O'Donnell and John Tuomey, who both teach at University College Dublin and lecture internationally, are the authors of this book. They look at the way in which different geographical, social and political influences have shaped their latest works and approach to architecture generally. The book is divided into eight sections, each dealing with a different aspect of the practice's concerns: Studio, Courtyards, The World Outside, London Times, Subtraction and Addition, Venice Excursions, Building Ground and Cats Cradles. Specific photographic documentation has been produced for the purpose of inclusion in this book, so as to evocatively capture its essence. In the chapter dedicated to their numerous Venician excursions, Sheila O'Donnell and John

Tuomey explain their on-going relation to the city's (as well as to its region's) heritage and contemporary culture. Not only has the practice represented Ireland at the 2004 International Venice Architecture Biennale, but their multiple 'encounters' with the works of Aldo Rossi, Carlo Scarpa, and Andrea Palladio, amongst others, have deeply influenced their work over the years. This is seen in elements such as the responsiveness of their buildings' forms to their sites, as well as by an interest in materiality, manifest in their facades as well as in their attention to detail and fascination for craft manufacturing processes.

**Residential Architecture as Infrastructure** John Wiley & Sons Incorporated

A clearly distilled architectural atlas based on 144 major designs from ancient times to the twenty-first century, showcasing the cultural dimension of building. However disparate the style or ethos, beneath architecture's pluralism lies a number of categorical typologies. In *Thinking Design*, Austrian architect Andreas Lechner has condensed his profound typological understanding into a single book. Divided into three chapters-- Tectonics, Type, and Topos--Lechner's book reflects upon twelve fundamental typologies: theater, museum, library, state, office, recreation, religion, retail, factory, education, surveillance, and hospital. Encompassing a total of 144 carefully selected examples of classic designs and buildings, ranging across an epic sweep from antiquity to the present, the book not only explains the fundamentals of collective architectural knowledge but traces the interconnected reiterations that lie at the heart of architecture's transformative power. As such, *Thinking Design* outlines a new building theory rooted in the act of composition as an aesthetic determinant of architectural form. This emphasis on composition in the design process over the more commonplace aspects of function, purpose, or atmosphere makes it more than a mere planning manual. It reveals also the cultural dimension of architecture that gives it the ability to transcend not only use cycles but entire epochs. Each example is meticulously illustrated with a newly drawn elevation or axonometric projection, floor plan, and section, not only invigorating the underlying ideas but also making the book an ideal comparative compendium.

Why Buildings Stand Up MIT Press

In *Building Reuse: Sustainability, Preservation, and the Value of Design*, Kathryn Rogers Merlino makes an impassioned case that truly sustainable design requires reusing and reimagining existing buildings. The construction and operation of buildings is responsible for 41 percent of all primary energy use and 48 percent of all carbon emissions. The impact of the demolition and removal of an older building can greatly diminish the advantages of adding green technologies to new construction. Reusing existing buildings can be challenging to accomplish, but changing the way we think about environmentally conscious architecture has the potential to significantly reduce carbon emissions. Additionally, Merlino calls for a more expansive view of historic preservation that goes beyond keeping only the most distinctive structures and requiring that they remain fundamentally unchanged to embracing the creative reuse of even unremarkable buildings. In support of these points, *Building Reuse* includes a compelling range of case studies from an eighteen-story office building to a private home all located in the Pacific Northwest, a region with a long history of sustainable design and urban growth policies that have made reuse projects feasible.

Space for Architecture Buildings for Tomorrow Architecture that Changed Our World "Architects have always dreamed of shaping the future, of building utopian worlds filled with seemingly impossible structures that break with the past to propel mankind far into the twenty-first century and beyond. Buildings for

Tomorrow reviews forty such visionary projects that appear to come from futures that mankind has so far only imagined. Buildings for Tomorrow reviews forty such visionary projects that appear to come from futures that mankind has so far only imagined. Spread across nineteen countries, over thirty architects, from famous names to little-known innovators, have combined the latest technological advances with their boundless creative energy to bring their constructions into being."--BOOK JACKET. Building for Tomorrow Visionary Architecture from Around the World Features photos, descriptions and backgrounds of 40 of the world's most innovative, visionary and impossible-looking structures around the world including bus stations, concert venues and aquariums as well as office buildings and hotels. Original. The Future of Architecture in 100 Buildings Scorched Earth is the first book to chronicle the effects of chemical warfare on the Vietnamese people and their environment, where, even today, more than 3 million people—including 500,000 children—are sick and dying from birth defects, cancer, and other illnesses that can be directly traced to Agent Orange/dioxin exposure. Weaving first-person accounts with original research, Vietnam War scholar Fred A. Wilcox examines long-term consequences for future generations, laying bare the ongoing monumental tragedy in Vietnam, and calls for the United States government to finally admit its role in chemical warfare in Vietnam. Wilcox also warns readers that unless we stop poisoning our air, food, and water supplies, the cancer epidemic in the United States and other countries will only worsen, and he urgently demands the chemical manufacturers of Agent Orange to compensate the victims of their greed and to stop using the Earth's rivers, lakes, and oceans as toxic waste dumps. Vietnam has chosen August 10—the day that the US began spraying Agent Orange on Vietnam—as Agent Orange Day, to commemorate all its citizens who were affected by the deadly chemical. Scorched Earth will be released upon the third anniversary of this day, in honor of all those whose families have suffered, and continue to suffer, from this tragedy.

*Buildings Must Die* Academy Press

You can use this book to design a house for yourself with your family; you can use it to work with your neighbors to improve your town and neighborhood; you can use it to design an office, or a workshop, or a public building. And you can use it to guide you in the actual process of construction. After a ten-year silence, Christopher Alexander and his colleagues at the Center for Environmental Structure are now publishing a major statement in the form of three books which will, in their words, "lay the basis for an entirely new approach to architecture, building and planning, which will we hope replace existing ideas and practices entirely." The three books are *The Timeless Way of Building*, *The Oregon Experiment*, and this book, *A Pattern Language*. At the core of these books is the idea that people should design for themselves their own houses, streets, and communities. This idea may be radical (it implies a radical transformation of the architectural profession) but it comes simply from the observation that most of the wonderful places of the world were not made by architects but by the people. At the core of the books, too, is the point that in designing their environments people always rely on certain "languages," which, like the languages we speak, allow them to articulate and communicate an infinite variety of designs within a forma system which gives them coherence. This book provides a language of this kind. It will enable a person to make a design for almost any kind of building, or any part of the built environment. "Patterns," the units of this language, are answers to design problems (How high should a window sill be? How many stories should a building have? How much space in a neighborhood should be devoted to

grass and trees?). More than 250 of the patterns in this pattern language are given: each consists of a problem statement, a discussion of the problem with an illustration, and a solution. As the authors say in their introduction, many of the patterns are archetypal, so deeply rooted in the nature of things that it seems likely that they will be a part of human nature, and human action, as much in five hundred years as they are today.

## BUILDING REUSE

Routledge

An inventive examination of a crucial but neglected aspect of architecture, by an architect writing to architects. Maintenance plays a crucial role in the production and endurance of architecture, yet architects for the most part treat maintenance with indifference. The discipline of architecture values the image of the new over the lived-in, the photogenic empty and stark building over a messy and labored one. But the fact is: homes need to be cleaned and buildings and cities need to be maintained, and architecture no matter its form cannot escape from such realities. In *Maintenance Architecture*, Hilary Sample offers an inventive examination of the architectural significance of maintenance through a series of short texts and images about specific buildings, materials, and projects. Although architects have seldom choose to represent maintenance—imagining their work only from conception to realization—artists have long explored subjects of endurance and permanence in iconic architecture. Sample explores a range of art projects—by artists including Gordon Matta-Clark, Jeff Wall, and Mierle Laderman Ukeles—to recast the problem of maintenance for architecture. How might architectural design and discourse change as a building cycle expands to include "post-occupancy"? Sample looks particularly at the private home, exhibition pavilion, and high-rise urban building, giving special attention to buildings constructed with novel and developing materials, technologies, and precise detailing in relation to endurance. These include Buckminster Fuller's *Dymaxion House* (1929), the *Lever House* (1952), the *U.S. Steel Building* (1971), and the *O-14* (2010). She considers the iconography of skyscrapers; maintenance workforces, both public and private; labor-saving technology and devices; and contemporary architectural projects and preservation techniques that encompass the afterlife of buildings. A selection of artworks make the usually invisible aspects of maintenance visible, from Martha Rosler's *Cleaning the Drapes* to Inigo Mangano-Ovalle's *The Kiss*.

*GROSS IDEAS* Wesleyan University Press

Dig deep into the origins of building. The ground, now often used as a passive foundation for going higher, is rife with possibilities. Bjarne Mastenbroek investigates the relationship architecture has, had, and will have, with site and nature. Dissecting structures from the past millennia, this nearly 1,400 page global survey, designed by...

*Tales of Architecture's Future* Gestalten

This edited collection provides an up-to-date account, by a group of well-informed and globally positioned authors, of recently implemented projects, public policies and business activities in Open Building around the world. Countless residential Open Building projects have been built in a number of countries, some without knowledge of the original theory and methods. These projects differ in architectural style, building industry methods, economic system and social aims. National building standards and guidelines have been promulgated in several countries (Finland, China, Japan, Korea), providing incentives and guidance to Open Building implementation. Businesses in several countries have begun to deliver advanced FIT-OUT systems both for new construction and for retrofitting existing buildings, demonstrating

the economic advantages of 'the responsive, independent dwelling.' This book also argues that the 'open building' approach is essential for the reactivation of the existing building stock for long-term value, because in the end it costs less. The book discusses these developments in residential architecture from the perspective of an infrastructure model of built environment. This model enables decision-makers to manage risk and uncertainty, while avoiding a number of problems often associated with large, fast-moving projects, such as separation and distribution of design tasks (and responsibility) and the ensuing boundary frictions. Residential Architecture as Infrastructure adds to the Routledge Open Building Series, and will appeal to architects, urban designers, researchers and policy-makers interested in this international review of current projects, policies and business activities focused on Open Building implementation.

### **CONNECTICUT ARCHITECTURE**

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Taschen

For years following reunification, Berlin was the largest construction site in Europe, with striking new architecture proliferating throughout the city in the 1990s and early 2000s. Among the most visible and the most contested of the new projects were those designed for the national government and its related functions. Berlin Contemporary explores these buildings and plans, tracing their antecedents while also situating their iconic forms and influential designers within the spectacular world of global contemporary architecture. Close studies of these sites, including the Reichstag, the Chancellery, and the reconstruction of the Berlin Stadtschloss (now known as the Humboldt Forum), demonstrate the complexity of Berlin's political and architectural 'rebuilding'-and reveal the intricate historical negotiations that architecture was summoned to perform.