

Historic Building Facades The Manual For Maintenance And Rehabilitation Preservation Press Series

The Routledge Handbook on Historic Urban Landscapes in the Asia-Pacific
A Manual of Historic Ornament, Treating Upon the Evolution, Tradition, and Development of Architecture & the Applied Arts
Community Preservation Series: Developing design guidelines
Building Pathology
Facade Construction Manual
Recording Historic Buildings
A Field Guide to American Houses
Maintaining and Repairing Old and Historic Buildings
Preservation
Historic Properties Survey Manual
Architectural Metals
Building Openings Construction Manual
Energy Efficiency Solutions for Historic Buildings
Green Restorations
Manual of Section
Historic Preservation Technology
Recording Historic Structures
Historic Preservation and the Livable City
Housing Abstracts
Historic Building Facades
Handbook of Research on Emerging Digital Tools for Architectural Surveying, Modeling, and Representation
Old & New
Metals in America's Historic Buildings
The Architect's Guide to Design-Build Services
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Architecture
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The Secretary of the Interior's Standards for the Treatment of Historic Properties
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The Architect's Handbook of Professional Practice
Annals of Iowa
Manual of the Fine Arts: Critical and Historical
Masonry
Housing Rehabilitation Manual
Refurbishment Manual

The Routledge Handbook on Historic Urban Landscapes in the Asia-Pacific

Provides guidance to historic building owners and building managers, preservation consultants, architects, contractors, and project reviewers prior to treatment of historic buildings.

A Manual of Historic Ornament, Treating Upon the Evolution, Tradition, and Development of Architecture & the Applied Arts

A non-technical guide about caring for, adapting, expanding, and preserving older buildings.

Community Preservation Series: Developing design guidelines

This introduction to historic preservation goes well beyond the Secretary of the Interior's Standards for Rehabilitation and shows how wood, stone, masonry, and metal were used in the past and how adaptive re-use can be employed to bring modern amenities to historic structures. The book covers all aspects of the exterior and interior building fabric, including windows, roofing, doors, porches, and electrical and mechanical systems for both residential and small-scale commercial buildings. Richly illustrated with photographs showing typical elements of historic

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buildings, decay mechanisms, and remediation techniques, the book also contains a variety of useful case studies and features a companion Website that offers dozens of additional images and resources.

Building Pathology

Facade Construction Manual

Recording Historic Buildings

The definitive resource for designer-led projects The Architect's Guide to Design-Build Services offers authoritative knowledge and industry insight to architects considering entry into the burgeoning practice of design-build project delivery. Written by architects and other professionals with expertise in risk management, law, ethics, finance, and contracts, this instructive guide addresses the roles architects can assume during a design-build project, including leading the project, acting as subcontractor, and forming a joint venture with a contractor. Developed by the AIA Design-Build Professional Interest Area, this book offers the real-world expertise of thirty industry leaders from the United States, Canada, and Mexico, who share their experience and know-how on such topics as: Starting out in design-build Risks and rewards of design-build delivery Succeeding in a design-build practice Design-build education Essential practice information Ethics and licensing laws State laws regulating both architects and contractors are summarized to help busy firms bring design-build projects through to successful completion in a variety of jurisdictions. The Architect's Guide to Design-Build Services is the most complete, definitive resource for architects, contractors, and attorneys involved in designer-led projects.

A Field Guide to American Houses

CD-ROM contains: Samples of all AIA contract documents.

Maintaining and Repairing Old and Historic Buildings

Building openings provide light, ventilation and climate control for rooms. At the same time, they are essential functional and design elements of facades. This manual offers solid facts on standards and safety features. It covers materials, construction types and specifics of structural connections, incl. solutions on how to deal with existing older windows and issues of ventilation, the use of solar energy and ecological sustainability.

Preservation

Comprehensive, in-depth coverage from leading experts in the field A historic building is a fragile resource that requires the finest care. Maintenance and rehabilitation of walls and facades call for a thorough understanding of the forces that cause deterioration, knowledge of the properties of building materials, up-to-

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date inspection tools and methods, and a solid command of renovation and repair techniques. In this complete reference manual, recognized experts provide state-of-the-art information and methodologies for the inspection, maintenance, and restoration of historic buildings of virtually every period, style, and material. Each chapter opens with a general discussion of the facade material and the ways in which structural and decorative elements are vulnerable to an array of environmental forces. After a detailed investigation of tools and techniques for inspection, the text explores planning issues for the restoration or replacement of facade components. Special features include: * Separate chapters on each major type of building material--stone masonry, brick masonry, terra-cotta masonry, cast stone, mortar, concrete, cast iron, sheet metal, and wood * An entire chapter on caulks and sealants * 35 original line drawings and 43 black and white photos that help visualize technical information * Selected success stories from preservation projects across the United States For architects, building contractors, and owners of historic buildings, Historic Building Facades clarifies procedures, helps identify sources of deterioration, and offers solutions to even the most difficult maintenance and rehabilitation problems. It is also an excellent reference for building preservationists, architectural historians, and students of building design and preservation.

Historic Properties Survey Manual

Architectural Metals

Building Openings Construction Manual

Provides in-depth descriptions and illustrations of architectural styles and features of everyday domestic dwellings across the United States.

Energy Efficiency Solutions for Historic Buildings

Most of the buildings that will be needed in Europe in the coming decades have long since been built. The building tasks of the future lie in the skillful reuse and transformation of existing building stock, whether it be the redevelopment of historic city centers, the building of extensions onto residential structures, the expansion of public buildings, or the redevelopment of entire factory areas. Building in the existing fabric calls for highly specific approaches in planning, construction, and implementation. It spans a broad range of building tasks, from working within the guidelines of historic preservation and renovating carefully and cautiously all the way to the complete transformation of what exists. In addition to aesthetic transformation, technical aspects such as improving energy efficiency and working with contaminated building materials also play an important role. This book provides a comprehensive overview of architectonic strategies of "continuing to build." It presents intelligent ideas and approaches for working with existing building stock and divides them into three categories according to the method selected: addition, transformation, and reuse. Presented in this volume are everyday projects such as the revitalizing of structures from the 1950s to the

1970s – for example, the renovation of Siedlung Heuried in Zurich by Adrian Streich Architekten – but also more specialized examples such as the open-air library made of elements recycled from the façade of a department store in Magdeburg-Salbke by Karo* Architekten. Interviews with experts provide helpful background information on selected topics.

Green Restorations

Manual of Section

Historic Preservation Technology

Planning tasks involving existing structures are currently among the most common types of contract, and almost every structure makes different demands and raises individual problems. Reflecting this state of affairs, there are a dizzying number of publications on the market, most of which are quite specialized. The Refurbishment Manual cuts through this jungle of publications. It defines terms and concepts, combines the narrowly focused perspectives of the specialists, and offers concrete approaches to this wide-ranging topic. The Refurbishment Manual closes the gap between basic constructional literature and one-sided, highly specialized technical literature. It constitutes a practical planning aid on the subject of refurbishment, providing a basic introduction to the relevant aspects of building physics, fire protection, sustainability and energy, hazardous materials, construction materials for interior and façade, historic preservation, and technical building equipment. It offers concrete tips on planning steps, methods of building analysis, and cost benchmarks, as well as clear constructional solutions with built projects as examples. A unique feature of the volume is the specially developed timeline, which allows the planner to quickly grasp, categorize, and evaluate a concrete building task and thus obtain an efficient planning overview. Planungsaufgaben im Bestand gehören derzeit zu den häufigsten Auftragsarten und nahezu jedes Bauwerk stellt andere Anforderungen und weist individuelle Probleme auf. Analog dazu gibt es auf dem Markt eine fast unüberschaubare Anzahl Publikationen in meist sehr spezialisierter Form. Der Sanierungsatlas möchte Licht in diesen Publikationsdschungel bringen: Er definiert Begrifflichkeiten, vereint die fokussierenden Betrachtungsweisen der Fachleute und vermittelt konkrete Herangehensweisen an diese weit gefächerte Thematik. Der Sanierungsatlas schließt die Lücke zwischen grundlegender Baukonstruktions- und sehr einseitig spezialisierter Fachliteratur. Das Buch stellt eine praktische Planungshilfe zum Thema Sanierung dar – und zwar in Form von relevanter Grundlagenvermittlung zu Bauphysik, Brandschutz, Nachhaltigkeits- und energetischen Aspekten, Schadstoffen, Baustoffen im Innenraum und an der Fassade, zu Aspekten der Denkmalpflege ebenso wie zur technischen Gebäudeausstattung. Er liefert konkrete Hinweise zu Planungsschritten, Methoden der Bauanalyse und Kostenkennwerten sowie anschauliche Konstruktionslösungen am Beispiel gebauter Projekte. Einzigartig ist die speziell entwickelte Zeitschiene, mit deren Hilfe eine konkrete Bauaufgabe schnell erfasst, kategorisiert und bewertet werden kann – und die dem Planer somit einen effizienten Planungsüberblick verschafft.

Recording Historic Structures

This new edition of the definitive guide to recording America's built environment provides a detailed reference to the re-cording methods and techniques that are fundamental tools for examining any existing structure. Edited by the Deputy Chief of the Historic American Building Survey/Historic American Engineering Record, this revised edition includes in-formation on recent technological advances such as laser scanning, new case studies, and expanded material on the docu-mentation of historic landscapes.

Historic Preservation and the Livable City

A comprehensive approach to building-related deterioration and intervention This essential technical reference gives building professionals the knowledge and tools they need to better diagnose building-related deterioration, identify sound treatment options and solutions, and design to minimize performance problems on new projects. Combining a clear and accessible explanation of the principles and mechanisms of building deterioration with coverage of a broad array of intervention methods, it is a ready resource for anyone whose work is concerned with improving building performance.

Housing Abstracts

Historic Building Façades

Handbook of Research on Emerging Digital Tools for Architectural Surveying, Modeling, and Representation

Old & New

Metals in America's Historic Buildings

The Routledge Handbook on Historic Urban Landscapes in the Asia-Pacific sheds light onto the balancing act of urban heritage management, focusing specifically on the Asia-Pacific regions in which this challenge is imminent and in need of effective solutions. Urban heritage, while being threatened amid myriad forces of global and ecological change, provides a vital social, cultural, and economic asset for regeneration and sustenance of liveability of inhabited urban areas worldwide. This six-part volume takes a critical look at the concept of Historic Urban Landscapes, the approach that UNESCO promotes to achieve holistic management of urban heritage, through the lens of issues, prospects, and experiences of urban regeneration of the selected geo-cultural context. It further discusses the difficult task that heritage managers encounter in conceptualizing, mapping, curating, and sustaining the plurality, poetics, and politics of urban heritage of the regions in question. The connective thesis that weaves the chapters in this volume together

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reinforces for readers that the management of urban heritage considers cities as dynamic entities, palimpsests of historical memories, collages of social diversity, territories of contested identities, and sites for sustainable liveability. Throughout this edited collection, chapters argue for recognizing the totality of the eco-cultural urban fabric, embracing change, building social cohesion, and initiating strategic socio-economic progress in the conservation of Historic Urban Landscapes. Containing thirty-seven contributions written by leading regional experts, and illustrated with over 200 black and white images and tables, this volume provides a much-needed resource on Historic Urban Landscapes for students, scholars, and researchers.

The Architect's Guide to Design-Build Services

This handbook holistically summarises the principles for the energy retrofitting of historic buildings, from the first diagnosis to the adequately designed intervention: preservation of the historic structure, user comfort, and energy efficiency. The content was developed by an interdisciplinary team of researchers. The wide range of different expertise, design examples, calculations, and measuring results from eight case studies makes this manual an indispensable tool for all architects, engineers, and energy consultants.

Architectural Record

Manual for Owners of Historic Buildings

Promotes an awareness of metals in America's buildings and monuments, and makes recommendations for the preservation and repair of such metals. Intended for owners, architects, and building managers who are responsible for the preservation and maintenance of America's architectural heritage. When metal building components need rehabilitation or maintenance, info. on proper preservation techniques for each metal and its alloys has not been available. This sourcebook on historic architectural metals is a reference on metals used in architecture; how they are used, how to identify them, and when to replace them. Photos

The Architects' Journal

Downtown Improvement Manual: Appendix

A practical guide to the maintenance and repair of old and historic buildings. Carrying out work in accordance with the U.S. Secretary of the Interior's standards and guidelines can be a challenge for professionals charged with the preservation, restoration, and care of historic properties. This book-with-CD package facilitates the process with more than 400 field guidelines for the treatment of historic building structures, systems, and materials. It includes: Background and rationale for treatment Annotated standards and guidelines Step-by-step treatment instructions Information on energy conservation and meeting LEED and ADA

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requirements The treatment guidelines cover a wide range of issues, from how to replace broken glass in wood and metal windows to preparing historic mortar. Each guideline can be printed out individually from the accompanying CD for easy reference and on-site use. Well organized and easy to use, *Maintaining and Repairing Old and Historic Buildings* is a valuable resource for architects, engineers, facility managers, and related professionals working in the areas of building preservation and restoration.

Architecture

Technological revolutions have changed the field of architecture exponentially. The advent of new technologies and digital tools will continue to advance the work of architects globally, aiding in architectural design, planning, implementation, and restoration. *The Handbook of Research on Emerging Digital Tools for Architectural Surveying, Modeling, and Representation* presents expansive coverage on the latest trends and digital solutions being applied to architectural heritage. Spanning two volumes of research-based content, this publication is an all-encompassing reference source for scholars, IT professionals, engineers, architects, and business managers interested in current methodologies, concepts, and instruments being used in the field of architecture.

Michigan Historic Cemetery Preservation Manual

APT International Membership and Resource Directory

Recycled as Restaurants

For both the preservation professional and urban planner, this book shows how preservation is a key to the creation of livable cities. The author Eric Allison, the founder and coordinated of the graduate historic preservation program at Pratt Institute in New York City, offers tools and case studies that preservationists and planners can learn from in implementing preservation projects or plans in cities large and small. This book is a must read for anyone working in or interested in these fields and the creation and maintenance of livable cities.

The Secretary of the Interior's Standards for the Treatment of Historic Properties

A Manual of Historic Ornament

The Architect's Handbook of Professional Practice

Along with plan and elevation, section is one of the essential representational techniques of architectural design; among architects and educators, debates about a project's section are common and often intense. Until now, however, there has

been no framework to describe or evaluate it. Manual of Section fills this void. Paul Lewis, Marc Tsurumaki, and David J. Lewis have developed seven categories of section, revealed in structures ranging from simple one-story buildings to complex structures featuring stacked forms, fantastical shapes, internal holes, inclines, sheared planes, nested forms, or combinations thereof. To illustrate these categories, the authors construct sixty-three intricately detailed cross-section perspective drawings of built projects—many of the most significant structures in international architecture from the last one hundred years—based on extensive archival research. Manual of Section also includes smart and accessible essays on the history and uses of section.

Annals of Iowa

Green restorations for historic homes.

Manual of the Fine Arts: Critical and Historical

Masonry

«Facade Construction Manual» provides a systematic survey of contemporary expertise in the application of new materials and energy-efficient technologies in facade design. It surveys the facade design requirements made by various types of buildings, as well as the most important materials, from natural stone through to synthetics, and documents a diversity of construction forms for a wide range of building types.

Housing Rehabilitation Manual

Refurbishment Manual

Offers case studies of a variety of structures, including office buildings, garages, bus stations, livery stables, and others, that have been converted into restaurants

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