

MAINTAINING AND REPAIRING

Old and Historic Buildings



John J. Cullinane, AIA

Maintaining And Repairing Old And Historic Buildings

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Maintaining And Repairing Old And Historic Buildings:

Maintaining and Repairing Old and Historic Buildings John J. Cullinane, 2012-10-11 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 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

Maintaining Historic Buildings ,1990 Repairing Old and Historic Windows New York Landmarks Conservancy,1992 Windows are a common problem in nearly every rehabilitation project should they be repaired or must they be replaced What can be done to repair a water damaged sill Can a window be retrofitted with storm windows How can windows be replaced while still maintaining their historical integrity *Repairing Old and Historic Windows* explores these questions and provides detailed information on how to go about refurbishing windows within current preservation standards Written for homeowners architects builders engineers and preservationists *Repairing Old and Historic Windows* is the complete and authoritative guide to window maintenance and repair Chapters focus on window problems including deterioration weather damage paint problems and condensation window maintenance including cleaning weatherstripping and installing shutters and window replacement including design fabrication and installation Some 140 photographs and illustrations many of which are technical drawings an extensive glossary of window refurbishing terms and a suggested reading list provide further ideas and guidance for undertaking the repair of old and historic windows The complete primer on window repair and maintenance

Conservation of Historic Buildings Bernard Feilden, 2007-06-07 Since its publication in 1982 Sir Bernard Feilden s *Conservation of Historic Buildings* has become the standard text for architects and others involved in the conservation of historic structures Leading practitioners around the world have praised the book as being the most significant single volume on the subject to be published This third edition revises and updates a classic book including completely new sections on conservation of Modern Movement buildings and non destructive investigation The result of the lifetime s experience of one of the world s leading architectural conservators the book comprehensively surveys the fundamental principles of conservation in their application to historic buildings and provides the basic information needed by architects engineers and surveyors for the solution of problems of architectural conservation in almost every climatic region of the world This edition

is organized into three complementary parts in the first the structure of buildings is dealt with in detail the second focuses attention on the causes of decay and the materials they affect and the third considers the practical role of the architect involved in conservation and rehabilitation As well as being essential reading for architects and others concerned with conservation many lay people with various kinds of responsibility for historic buildings will find this clearly written jargon free work a fruitful source of guidance and information

Repair and Preservation Maintenance for Historic and Older Homes, 1982

Structural Studies, Repairs and Maintenance of Heritage Architecture XI C. A. Brebbia, 2009 This volume contains papers presented at the Twelfth International Conference on Structural Studies Repairs and Maintenance of Heritage Architecture The conference provides an ideal forum for professionals in the area to discuss problems and solutions and exchange opinions and experiences

Structural Studies, Repairs and Maintenance of Heritage Architecture X C. A. Brebbia, 2007 This volume contains papers presented at the Ninth International Conference on Structural Studies Repairs and Maintenance of Heritage Architecture The conference provides an ideal forum for professionals in the area to discuss problems and solutions and exchange opinions and experiences

Structural Studies, Repairs and Maintenance of Heritage Architecture XVII & Earthquake Resistant Engineering Structures XIII S. Hernández, G. Marseglia, 2021-07-26

Structural Studies Repairs and Maintenance of Heritage Architecture XVII The importance of retaining the built cultural heritage cannot be overstated Rapid development and inappropriate conservation techniques are threatening many heritage unique sites in different parts of the world Selected papers presented at the 17th International Conference on Studies Repairs and Maintenance of Heritage Architecture are included in this volume They address a series of topics related to the historical aspects and the reuse of heritage buildings as well as technical issues on the structural integrity of different types of buildings such as those constructed with materials as varied as iron and steel concrete masonry wood or earth Restoration processes require the appropriate characterisation of those materials the modes of construction and the structural behaviour of the building This knowledge can be gained through a series of material characterisation techniques preferably via non destructive tests Modern computer simulation can provide accurate results demonstrating the stress state of the building and possible failure mechanisms affecting its stability Of particular importance are studies related to their dynamic and earthquake behaviour aiming to provide an assessment of the seismic vulnerability of heritage buildings Contributions originate from scientists architects engineers and restoration experts from all over the world and deal with different aspects of heritage buildings including how to formulate regulatory policies to ensure effective ways of preserving the architectural heritage

Earthquake Resistant Engineering Structures XIII Papers presented at the 13th International Conference on Earthquake Resistant Engineering Structures form this volume and cover basic and applied research in the various fields of earthquake engineering relevant to the design of structures Major earthquakes and associated effects such as tsunamis continue to stress the need to carry out more research on those topics The problems will intensify as population pressure

results in buildings in regions of high seismic vulnerability A better understanding of these phenomena is required to design earthquake resistant structures and to carry out risk assessments and vulnerability studies The problem of protecting the built environment in earthquake prone regions involves not only the optimal design and construction of new facilities but also the upgrading and rehabilitation of existing structures including heritage buildings The type of highly specialized retrofitting employed to protect the built heritage is an important area of research The included papers cover such topics as Seismic hazard and tsunamis Building performance during earthquakes Structural vulnerability Seismic isolation and energy dissipation Passive earthquake protection systems

Department of the Interior and Related Agencies

Appropriations, Fiscal Year 1998 United States. Congress. Senate. Committee on Appropriations. Subcommittee on the Department of the Interior and Related Agencies,1998

Traditional Details Charles George Ramsey,Harold Reeve Sleeper,1998-04-17 A comprehensive source of traditional architectural details for anyone working with old structures Compiling the most useful material from the first four editions of Architectural Graphic Standards published between 1932 and 1951 this book brings back into circulation hundreds of architectural illustrations and standards that have once again become relevant to design work Chapters cover all facets of building construction from foundations to furnishings and are structured to follow the drawing preparation sequence of a typical rehabilitation project Architects designers and others involved in rebuilding and renovating structures built in decades past will find here many of the details and information used by the original architects and builders Impeccably organized and beautifully rendered this handsome reference is both a terrific working tool and a wonderful addition to an architecture library

Congressional Record United States. Congress,1971 The Congressional Record is the official record of the proceedings and debates of the United States Congress It is published daily when Congress is in session The Congressional Record began publication in 1873 Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States 1789 1824 the Register of Debates in Congress 1824 1837 and the Congressional Globe 1833 1873

CRM Bulletin United States. National Park Service. Cultural Resources Management Division,1994 Popular Mechanics ,1992-12 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle

Interior Department Appropriation Bill for 1940, Hearings ... 76th Congress, 1st Session United States. Congress. House. Appropriations,1939

Interior Department (except Bureau of Indian Affairs) United States. Congress. House. Committee on Appropriations,1939 **Hearings** United States. Congress. House,1939 *The Preservation of Historic Architecture* ,2004 The National Park Service s official advice on preserving and restoring historic buildings *Defence Sites II* C.A. Brebbia,C. Clark,2014-09-17 Containing the proceedings of the second International Conference on Defence Sites Heritage and Future this book promotes the knowledge of the scale design and functions of

defence sites It brings a better understanding of the issues raised by their redundancy and the implications of different disposal processes for the land Redundant defence sites offer a range of opportunities to planners architects and local communities to redevelop large areas bringing new life to often neglected parts of towns These opportunities are common to many countries and the papers in this book stress this common feature and help to share experiences of the transformation of defence sites to civilian uses around the world The re use of defence sites also raises questions regarding the need to recover brownfields and contaminated land which can have far reaching legal responsibilities and environmental consequences Achieving the sustainable development of these sites involves issues related to maintenance and conservation as well as built and natural environmental controls while also responding to the needs and aspirations of the community Topics covered include Military heritage history Castles and fortresses Fortified cities Case studies Transition from military to civilian life Community involvement Economic analysis Risk assessment Simulation and modelling Funding and legal requirements The Rehabilitation and Enhancement of Small Municipalities Teresa Colletta, 2021-12-30 The volume deals with the recovery and enhancement of minor centers especially under today s pandemic crisis when a spontaneous movement from larger cities towards neighboring occurs These small towns are a great resource of the Mediterranean Cultural Heritage tangible and intangible that must be safeguarded and re evaluated This volume collects the essays of the members of the Mediterranean CIVVIH Sub committee presented within the 2021 Webinar as a comparison between different minor contexts throughout the EU countries around the Southern and Eastern Mediterranean Basin Promoting participation in new urban models seems to be a good opportunity for the revival of the abandoned villages **Department of the Interior and Related Agencies Appropriations for ...** United States. Congress. House. Committee on Appropriations. Subcommittee on Department of the Interior and Related Agencies, 1939

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