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Caring for the Past

Preserving,
Rehabilitating
and Restoring
Historic
Buildings



Historic Preservation Publications



**Technical
Preservation
Services**

*Cover: Lobby of the Alabama Theater, Birmingham, Alabama.
Photo: Jack E. Boucher for the Historic American Buildings Survey, 1998.*

You can also visit Technical Preservation Services on the Internet at <http://www2.cr.nps.gov/tps/>

Caring for the Past

Preserving, Rehabilitating and Restoring Historic Buildings

U.S. Department of the Interior
National Park Service
National Center for Cultural Resource
Stewardship and Partnerships
Heritage Preservation Services
Technical Preservation Services

Washington, DC

1999-2000

Foreword

In the 70s, the National Park Service saw a critical need for guidance to ensure that historic buildings were properly treated. Home owners working on historic buildings did not have access to reliable, accurate information on appropriate preservation and rehabilitation techniques and products. As a result, building materials and features were being lost to destructive approaches, such as improper cleaning, poor repointing, and incompatible replacement windows.

The Service's first challenge in reversing these trends was to develop professional Standards which were common sense principles against which project work could be weighed. As such, the Secretary of the Interior's Standards are the bulwark of the program and distinguish it from every other program in the nation. They were designed to address a variety of treatments, such as preservation, rehabilitation, restoration, and reconstruction, and have been revised throughout the years to reflect the most recent technologies. The Standards are in evidence in each technical publication produced by Technical Preservation Services.

The next program goal was to publish state-of-the-art information that would vary in intent, complexity, and audience in order to convey responsible methods of caring for historic buildings. The information needed to be easy-to-read, readily available, and free or modestly priced. Twenty-five years later, the National Park Service's Technical Preservation Services program has produced over 100 publications that are currently in print and readily available to the public, and has sold and distributed over 3.5 million copies. The addition of electronic media, such as videotapes and the Internet, have succeeded in expanding audiences even further.

The scope and diversity of Technical Preservation Services publications is best appreciated when seen in a comprehensive catalog listing. The collection includes Standards and Guidelines, public service leaflets and

books on using the Tax Incentives, reports on conserving fragile historic building materials, case studies on specific structures, and a wealth of technical preservation guidance on preserving historic buildings and landscapes. Responding to key environmental and educational issues of the day, its publications address topics such as the need for sensitivity to historic landscapes; accessibility to historic properties for people with disabilities; lead paint abatement in old houses, and heritage awareness-building for school age children. The series include Preservation Briefs, Preservation Tech Notes, Technical Reports, Co-published books, and Preservation Case Studies.

Today, the Standards and Guidelines have been adopted by many local review commissions nationwide and information in the Preservation Briefs is routinely referenced in architectural specifications. Overall, the publications listed in this Catalog have had a profound impact on the way the public both perceives and treats historic properties. For example, the dangers of abrasive cleaning are now widely known; the repair of historic windows is now recognized as a viable option; repointing is considered both for its appearance and long-term effect on the building envelope; the importance of historic interiors is more widely appreciated; and historic landscapes are now acknowledged for the significant role they play in defining our nation's past.

Technical Preservation Services helps home owners, preservation professionals, organizations, and government agencies preserve and protect this nation's heritage by providing readily available materials – and our Web home page – on preserving, restoring, and rehabilitating historic buildings. Technical Preservation Services is dedicated to improving the quality of work on our nation's historic buildings by promoting their long-term preservation and fostering the responsible use of both traditional and innovative techniques in their care and maintenance.

Contents

Foreword

Ordering Information

Free Publications	1
Sales Publications	1
Superintendent of Documents, Government Printing Office (GPO)	1
Partnership Sales	1
National Technical Information Service (NTIS)	1
TPS Online	1

Catalog Listing

Standards and Guidelines	2
Program/Training Information	3
Preservation Tax Incentives	5
Caring for Historic Buildings	5
Preservation Briefs	5
Technical Reports	12
Preservation Tech Notes	13
Preservation Case Studies	17
Co-Published Books	17
Books for Kids	19
What's New from TPS	20

Order Forms

Government Printing Office (GPO) Catalog Sales	22
Government Printing Office (GPO) Standing Orders	22
National Technical Information Service (NTIS) Sales	24

Ordering Information

Free Publications

Heritage Preservation Services, National Park Service, still makes essential program information available free of charge. This information includes the Standards, brochures on various divisional activities, and applications for the preservation tax incentives program. Finally, a few technical guidance publications may still be obtained in single issue, subject to availability. For your ordering convenience, free publications are always listed first in every section and highlighted for easy reference (■). Single copies may be requested from Technical Preservation Services by contacting: Heritage Preservation Services Information Desk, National Park Service, 1849 C Street, NW, NC-330, Washington, D.C. 20240. Or phone (202) 343-9583; e:mail: hps-info@nps.gov.

Sales Publications

The majority of Technical Preservation Services are sold. TPS makes its sales publications available through the Superintendent of Documents, Government Printing Office; a variety of Partnership Sales outlets; and the National Technical Information Service. They always appear in that order in the catalog.

Superintendent of Documents, Government Printing Office (GPO)

The majority of technical guidance publications listed in this catalog are sold by GPO through direct catalog sales. When ordering a publication from GPO, you must include the title and the GPO stock number. Please use the GPO order form. Please note that GPO offers a 25% discount to orders of 100 or more publications sent to the same address. Simply deduct 25% if your order meets this description.

Next, you may wish to take advantage of the new GPO Standing Order Service to receive each Preservation Brief or Preservation Tech Note automatically—as soon as it is released. You establish an account by check or money order and GPO does the rest. See the special Standing Order form for additional details. Finally, GPO credit card users may also order by telephone 202-512-1800; or by fax 202-512-2250.

Partnership Sales

The National Park Service often participates in cooperative publication projects with other organizations. In these instances, guidance publications (or videos) may be offered at competitive prices through alternative or "partnership" sales outlets. No order forms are provided in these cases; addresses are noted within the Catalog text.

U.S. Department of Commerce, National Technical Information Service (NTIS)

In limited instances, Technical Preservation Services makes information available through NTIS. It should be noted that NTIS publications are available in paper copy or microfiche. The paper copy is a photocopy, not a printed publication. Please use the NTIS order form. When ordering a TPS publication from NTIS, you must include the title and the NTIS order number.

TPS Online

You can also find Technical Preservation Services on the Heritage Preservation Services web site at <http://www2.cr.nps.gov/tps/>

A complete listing of TPS publications is available, as well as the text of all Preservation Briefs and the Secretary of the Interior's Standards for the Treatment of Historic Properties.

Standards and Guidelines

Since their publication in 1976, the Secretary's Standards developed by the National Park Service have been used by State Historic Preservation Officers and the National Park Service to ensure that projects receiving Federal grant money or tax benefits were reviewed in a consistent manner nationwide. The principles embodied in the Standards have also been adopted by hundreds of preservation commissions nationwide in local design guidelines. While the Standards provide a consistent philosophical framework for treatment, the Guidelines suggest a model process to follow in the work, and thus assist in applying the Standards to both historic buildings and landscapes.

Free from TPS

Single copies may be requested from TPS by contacting: Heritage Preservation Services Information Desk, National Park Service, 1849 C Street, NW, NC-330, Washington, D.C. 20240. Or phone (202) 343-9583; email: hps-info@nps.gov.

- The Secretary of the Interior's Standards for the Treatment of Historic Properties (1995)
- The Secretary of the Interior's Standards for Rehabilitation in English and Spanish (1990)

*Superintendent of Documents
Government Printing Office*

The Secretary of the Interior's Standards for Rehabilitation with Guidelines for Rehabilitating Historic Buildings.

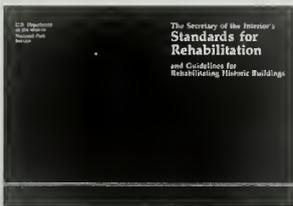
Unillustrated version. The 1990 Standards for Rehabilitation are regulations (36 CFR 67) used within the Preservation Tax Incentives program when determining whether the historic character of a building is preserved in the process of rehabilitation. The Standards are also used by federal agencies and state programs, and have been adopted by many local historic district commissions nationwide. Accompanying guidelines assist in applying the Standards. They are useful for anyone undertaking a rehabilitation project. 59 pages. 1990.

GPO stock number: 024-005-01061-1.
\$3.50 per copy.

The Secretary of the Interior's Standards for Rehabilitation with Illustrated Guidelines for Rehabilitating Historic Buildings.

W. Brown Morton III, Gary L. Hume, Kay D. Weeks, and H. Ward Jandl.

See description of the Standards, above. Accompanying guidelines and captioned illustrations assist in applying the 1990 Standards for Rehabilitation; they recommend responsible methods and approaches and also list those treatments that should be avoided. 160 pages. 230 illustrations. 1992. GPO stock number: 024-005-01091-2. \$13.00 per copy.



"a group effort that brings together prominent experts and tradespeople in the appropriate fields... makes for well-rounded treatments that draw on scholarly research as well as practical experience."

Sal Alfano, senior editor
The Journal of Light
Construction
Richmond, VT



The Secretary of the Interior's Standards for the Treatment of Historic Properties with Illustrated Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings.

Kay D. Weeks and Anne E. Grimmer.

The 1995 Standards for the Treatment of Historic Properties are regulations (36 CFR 68) used within the HPF grant-in-aid program to States, tribes, and local governments. They are also used by federal agencies, and have been adopted by many local historic district commissions nationwide. Updated Guidelines in a recommended / not recommended format address all four work options offered in the Standards, as applied to historic buildings. They are useful to anyone undertaking a historic preservation project on a historic building. 188 pages. 79 illustrations. GPO stock number: 024-005-01157-9. \$13.00 per copy.

The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for the Treatment of Cultural Landscapes.

Charles A. Birnbaum, ASLA, and Chris Capella-Peters, Editors.

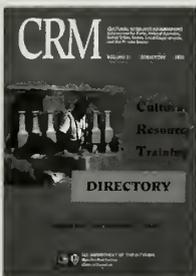
Comprehensive guidelines developed by the National Park Service that address all four work options offered in the Standards, as applied to vernacular and designed historic landscapes. Excellent captioned illustrations show preservation, rehabilitation, restoration, and reconstruction work in progress and completed. This book is useful to anyone undertaking a historic preservation project on a historic landscape. 148 pages. 170 illustrations. 1996. GPO stock number: 024-005-01171-4. \$17.00 per copy.



Partnership Sales

Working on the Past with the Secretary of the Interior's Standards for the Treatment of Historic Properties. (video)

Provides a clear explanation of the philosophical differences between the treatments Preservation, Rehabilitation, Restoration, and Reconstruction through interviews, graphics, and examination of four historic properties. Intended to assist owners, managers, and design professionals in selecting and applying the most appropriate treatment. Also discusses the interpretive consequences of treatment. 40 minutes. VHS. Developed by the National Park Service, Technical Preservation Services (Kay Weeks) and Horace M. Albright Training Center (Jim Boyd). Sold by the Historic Preservation Education Foundation. \$15 includes the video, postage and handling and a copy of the treatment Standards. Write: HPEF, P.O. Box 77160, Washington, D.C. 20013.



Program/Training Information

A number of publications—both free and sales—are available that describe or explain specific program activities or are produced as a result of outreach training, workshops, and study groups.

Free from TPS

Single copies may be requested from TPS by contacting: Heritage Preservation Services Information Desk, National Park Service, 1849 C Street, NW, NC-330, Washington, D.C. 20240. Or phone (202) 343-9583; e-mail: hps-info@nps.gov.

- Affordable Housing Case Studies
- Cultural Resource Training Directory (current)
- Historic Surplus Property Program – New Uses for Federal Properties
- Preserving the Past and Making it Accessible for People with Disabilities
- Student Intern Program
- Window Directory for Historic Buildings





NEW

Historic Preservation Easements.

Prepared by Leslie J. Smith.

Briefly describes the benefits of donating an easement; defines qualified properties and organizations according to IRS; and includes a series of useful questions to ask when considering whether to donate an easement. 8 pages. 1997.

NEW Directory of Historic Preservation Easements.

Compiled by Deborah Maylie.

Provides basic information about historic preservation easements; discusses potential financial benefits to property owners; and lists qualified organizations which accept donations of historic preservation easements. 16 pages. 1998.

Superintendent of Documents Government Printing Office Sales

Directory of Cultural Resource Education Programs.

Compiled and edited by Emogene Bevitt and Heather L. Minor with others.

Provides information in an attractive, user-friendly format on long-term educational and training opportunities related to the protection and preservation of cultural heritage in the United States. Includes a wide variety of disciplines, including anthropology, crafts, trades and apprenticeships, history, history of science, interpretation, landscape preservation, language retention and ethnic studies, and preservation law. 96 pages. 1994. GPO stock number: 024-005-01146-3. \$9.50 per copy.

Federal Historic Preservation Laws.

Sara K. Blumenthal, revised by Emogene A. Bevitt.

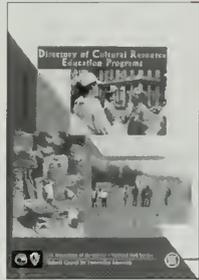
Replacing the 1990 version, lists the major historic preservation laws governing a national program that coordinates and supports both public and private efforts to identify, evaluate, and protect our historic and archeological resources. The 1993 edition adds the Native American Graves Protection and Repatriation Act; the 1992 amendments to the National Historic Preservation Act of 1966; and updates most other laws as well. Also explains how to order copies of the Code of Federal Regulations (CFR), developed to implement the laws cited. 96 pages. 1993. GPO stock number: 024-005-01138-2. \$4.50 per copy.

Partnership Sales

(Video) Accessibility and Historic Preservation: Entrances to the Past.

Kay D. Weeks, with Kay Ellis and David C. Park.

Focuses on the dual need to achieve reasonable access solutions for mobility-impaired individuals and to save historic buildings for future generations. Requirements of the Americans with Disabilities Act of 1990 are graphically explained; and a simple step-by-step planning process is shown. Accessibility products, technologies, and approaches are described, including ramps, paths, lifts, stair climbers, and new additions. Site-specific examples are used to illustrate successful solutions for both large scale and smaller structures. 1993. VHS. Closed or open captioned. Running time: 28:25. Available for \$15.00 from Historic Windsor, Inc., P.O. Box 1777, Windsor, VT 05089-0021. Call Historic Windsor for specific information on ordering, including methods of payment. (802) 674-6752.



Preservation Tax Incentives

Federal tax incentives are available to stimulate private investment in the rehabilitation of historic structures. Certifications from the NPS are required from the National Park Service to qualify for the investment tax credit.

Free from TPS

Single copies may be requested from TPS by contacting: Heritage Preservation Services Information Desk, National Park Service, 1849 C Street, NW, NC-330, Washington, D.C. 20240. Or phone (202) 343-9583; e-mail: hps-info@nps.gov.

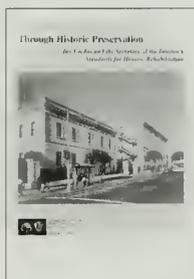
- Preservation Tax Incentives for Rehabilitating Historic Buildings (Revised 1998)
- Historic Preservation Certification Application
- Preservation Tax Incentives for Historic Buildings: Current Fact Sheet
- Tax Incentives for Rehabilitating Historic Buildings: Current Annual Report
- The Secretary of the Interior's Standards for Rehabilitation (36 CFR 67)

Superintendent of Documents Government Printing Office Sales

Affordable Housing Through Historic Preservation: Tax Credits and the Secretary of the Interior's Standards for Historic Rehabilitation.

*Susan Escherich, Stephen J. Farneth, AIA,
and Bruce Judd, AIA. Preface by Katherine
H. Stevenson.*

Focuses on rehabilitating schools, hotels, shotgun houses, warehouses, single-family rowhouses, and factories within context of the historic rehabilitation tax credit. Case studies are presented to show how architects, contractors, and owners were able to provide convenient, attractive living space for modern families and special populations; meet health and safety codes; and meet the Secretary of the Interior's Standards for Rehabilitation. 110 pages. 64 illustrations. Appendices. 1995. GPO stock number: 024-005-01163-3. \$7.50 per copy.



"If there's a Preservation Brief available on a project you're contemplating, whether you plan to do the work yourself or hire a professional, you'd be wise to refer to it before the work begins."

Popular Mechanics

Caring for Historic Buildings

Technical Preservation Services produces and distributes a variety of technical and educational publications to promote the maintenance and long-term preservation and care of the historic built environment. This 20-year collection includes a wide variety of publications, including Preservation Briefs, Preservation Tech Notes, Technical Reports, Preservation Case Studies and Co-Published Books.

Free from TPS

Single copies may be requested from TPS by contacting: Heritage Preservation Services Information Desk, National Park Service, 1849 C Street, NW, NC-330, Washington, D.C. 20240. Or phone (202) 343-9583; e-mail: hps-info@nps.gov.

A Glossary of Historic Masonry Deterioration Problems and Preservation Treatments.

Anne E. Grimmer.

Generously illustrated, provides information on 22 common masonry deterioration problems and their known treatments. An essential guide for every historic preservation bookshelf. 68 pages. 41 illustrations. 1984. Reprinted in 1997.

Preservation Briefs

Preservation Briefs assist owners and developers of historic buildings in recognizing and resolving common preservation and repair problems prior to work. The briefs are especially useful to preservation tax incentive program applicants because they recommend those methods and approaches for rehabilitating historic buildings that are consistent with their historic character.



Superintendent of Documents Government Printing Office

Historic Buildings Preservation Briefs #1-14 (set).

The "classic" package, many of the issues and topics parallel the early history of the NPS preservation program. Briefs 1-14 can only be purchased in this set. Popular for classrooms, rehabilitation workshops, and preservation conferences. This most recent collection contains the newly revised Preservation Brief #2 on repointing historic masonry buildings. 1998. *GPO stock number: 024-005-01026-2. \$16.00.*

Preservation Briefs 1: The Cleaning and Waterproof Coating of Masonry Buildings. Robert C. Mack, AIA.

Provides guidance on the techniques of cleaning and waterproofing and explains the consequences of their inappropriate use. 4 pages.
5 illustrations. 1975.

REVISED Preservation Briefs 2: Repointing Mortar Joints in Historic Masonry Buildings.

Robert C. Mack, FAIA, and John P. Speweik.

Provides general guidance on appropriate materials and methods for repointing historic masonry buildings. This publication revises Preservation Briefs 2: Repointing Mortar Joints in Historic Brick Buildings, and now includes all types of historic unit masonry. 16 pages.
36 illustrations. 1998.

Special Note: *Preservation Briefs 2 is being re-issued as a single sales item for a limited time, from Fall 1998 to Spring 2000, after which time it will be sold only as part of the set # 1-14. For specific sales information, see page 20.*

Preservation Briefs 3: Conserving Energy in Historic Buildings.

Baird M. Smith, AIA.

Provides information on materials and techniques to consider or avoid when undertaking weatherization and energy conservation measures in historic buildings. 8 pages.
8 illustrations. 1978.

Preservation Briefs 4: Roofing for Historic Buildings.

Sara M. Sweetser.

Provides a brief historic of the most commonly used roofing materials in America. Presents a sound preservation approach to roof repair, roof replacement, and the use of alternative roofing materials. 8 pages. 16 illustrations. 1978.

Preservation Briefs 5: The Preservation of Historic Adobe Buildings.

Provides information on the traditional materials and construction of adobe buildings, and the causes of adobe deterioration. Makes recommendations for preserving historic adobe buildings. 8 pages. 15 illustrations. 1978.

Preservation Briefs 6: Dangers of Abrasive Cleaning to Historic Buildings.

Anne E. Grimmer.

Cautions against the use of sandblasting to clean various buildings and suggests measures to mitigate the effects of improper cleaning. Explains the limited circumstances under which abrasive cleaning may be appropriate. 8 pages. 10 illustrations. 1979.

"Technical Preservation Services has set the standards for the preservation field. The publications are always exceptional in their clarity of text and graphics."

Pamela W. Hawkes, AIA
Ann Beha Associates
Boston, MA



Preservation Briefs 7: The Preservation of Historic Glazed Architectural Terra-Cotta.

de Teel Patterson Tiller.

Discusses deterioration problems that commonly occur with terra-cotta and provides methods for determining the extent of such deterioration. Makes recommendations for maintenance and repair, and suggests appropriate replacement materials. 8 pages. 11 illustrations. 1979.

Preservation Briefs 8: Aluminum and Vinyl Siding on Historic Buildings: The Appropriateness of Substitute Materials for Resurfacing Historic Wood Frame Buildings.

John H. Myers, revised by Gary L. Hume.

Discusses the appearance of various types of historic wood siding and makes recommendations for repair and replacement. Outlines the very limited instances under which substitute siding may be an acceptable alternative. 7 pages. 5 illustrations. Rev., 1984.

Preservation Briefs 9: The Repair of Historic Wooden Windows.

John H. Myers.

Provides useful information on evaluating and repairing historic wooden windows found in typical rehabilitation projects. Emphasizes practical methods for homeowners or developers. 8 pages. 10 illustrations. 1981.

Preservation Briefs 10: Exterior Paint Problems on Historic Woodwork.

Kay D. Weeks and David W. Look, AIA.

Identifies and describes common types of paint surface conditions and failures. Provides guidance on preparing historic woodwork for repainting, including limited and total paint removal. 12 pages. 14 illustrations. 1982.

Preservation Briefs 11: Rehabilitating Historic Storefronts.

H. Ward Jandl.

Explores the role of the storefront in historic buildings and provides guidance on rehabilitation techniques for historic storefronts as well as compatible new storefront designs. 12 pages. 12 illustrations. 1982.

Preservation Briefs 12: The Preservation of Historic Pigmented Structural Glass (Vitrolite and Carrara Glass).

Provides information on the early manufacture, installation, and use of this decorative building product commonly found in 20th century buildings; reasons for its damage; and a general approach for its maintenance, repair, and replacement. 8 pages. 16 illustrations. 1984.

Preservation Briefs 13: The Repair and Thermal Upgrading of Historic Steel Windows.

Sharon C. Park, AIA.

Presents brief historical background on the development, use, and styles of rolled steel windows popular in the first half of the 20th century. Explains steps for cleaning and repairing damaged steel windows; also provides information on appropriate methods of weatherstripping and options for storm panels or the installation of thermal glass. 12 pages. 10 illustrations. 1984.

Preservation Briefs 14: New Exterior Additions to Historic Buildings: Preservation Concerns.

Kay D. Weeks.

Uses a series of examples to suggest ways that attached new additions can successfully serve contemporary uses as part of a rehabilitation project while preserving significant historic materials and features and the building's historic character. 12 pages. 30 illustrations. 1986.



Historic Buildings Preservation Briefs #15-23 (set).

By popular demand, a second packaging of the Preservation Briefs. Preservation Briefs 15-23 can only be purchased in this set. 1991.

GPO stock number:
024-005-01085-8. \$14.00 per set.

Preservation Briefs 15: Preservation of Historic Concrete: Problems and General Approaches.

William B. Coney, AIA.

Focus on reinforced concrete (cast-in-place or reinforced), useful for anyone undertaking repair or limited replacement. The guidance addresses the causes of concrete deterioration, the signs of deterioration, and actual concrete repair. 12 pages. 27 illustrations. 1987.

Preservation Briefs 16: The Use of Substitute Materials on Historic Building Exteriors.

Sharon C. Park, AIA.

Includes a discussion of when to use substitute materials, cautions regarding their expected performance, and descriptions of several substitute materials together with advantages and disadvantages. Summary charts included. 16 pages. 34 illustrations. 1988.

Preservation Briefs 17: Architectural Character - Identifying the Visual Aspects of Historic Buildings as an Aid to Preserving Their Character.

Lee H. Nelson, FAIA.

Essential guidance to help property owners and architects identify those features of historic buildings that give the building its visual character so that their preservation can be maximized in rehabilitation. 12 pages. 27 illustrations. 1988.

"Published by the federal government, these preservation briefs are a great source of assistance to owners and developers of historic buildings."

Old House Journal Online

Preservation Briefs 18: Rehabilitating Interiors in Historic Buildings - Identifying Character- Defining Elements.

H. Ward Jandl.

Assists building owners in identifying significant interior spaces, features, and finishes so they may be preserved in rehabilitation work. The guidance applies to all building types and styles, from 18th century churches to 20th century office buildings. 8 pages. 11 illustrations. 1988.

Preservation Briefs 19: The Repair and Replacement of Historic Wooden Shingle Roofs.

Sharon C. Park, AIA.

Discusses historic wooden roofing, expectations for longevity, and repair and replacement options. Identifies roofing material that duplicates the appearance of a historic roof, offers guidance on proper installation, and provides information on coatings and maintenance procedures to help preserve the new roof. 12 pages. 16 illustrations. 1989.

Preservation Briefs 20: The Preservation of Historic Barns.

Michael J. Auer.

Identifies historic barn types, helps owners understand the historic character of their barns, and offers advice on the maintenance, repair, and rehabilitation of old and historic barns. 12 pages. 30 illustrations. 1989.

Preservation Briefs 21: Repairing Historic Flat Plaster-Walls and Ceilings.

Marylee MacDonald.

Guides building owners on repairing historic plaster using traditional materials (wet plaster) and techniques. Suggests replacement options if the historic plaster is severely deteriorated. Useful chart on various plaster bases and compatible basecoats and finish coats. 14 pages. 17 illustrations. 1989.



Preservation Briefs 22: The Preservation and Repair of Historic Stucco.

Anne E. Grimmer.

Describes the evolution of stucco as a popular building material, beginning with a brief history of how stucco is applied, and how its composition, texture, and surface patterns have changed. Includes guidelines for the historic property owner or manager on how to plan for and carry out repair of historic stucco, with sample mixes for 18th, 19th, and 20th century stucco types. 12 pages. 33 illustrations. 1990.



Preservation Briefs 23: Preserving Historic Ornamental Plaster.

David Flaharty.

Discusses ornamental plaster production, explaining the processes of run-in-place and cast ornamentation using three common decorative forms as examples: the cornice, ceiling medallion, and coffered ceiling. Guidance will help an owner identify deterioration causes and better understand complex restoration techniques. Useful advice on selecting and evaluating a restoration contractor is included. 12 pages. 34 illustrations. 1990.



Historic Buildings Preservation Briefs #24-34 (set).

The third packaging of the Preservation Briefs as a set. Sold only as a set. 1994. GPO stock number: 024-005-01147-1. \$15.00 per set.

Preservation Briefs 24: Heating, Ventilating, and Cooling Historic Buildings: Problems and Recommended Approaches.

Sharon C. Park, AIA.

Underscores the importance of careful planning in order to balance preservation objectives with the interior climate needs of the building. Useful charts included. 14 pages. 28 illustrations. 1991.



Preservation Briefs 25: The Preservation of Historic Signs.

Michael J. Auer.

Discusses the history of sign types pre-1800 to the 20th century, including symbol signs, flat signs, fascia signs, hanging signs, goldleaf signs, rooftop signs, and neon signs. Makes recommendations for their repair and re-use. 12 pages. 29 illustrations. 1991.

Preservation Briefs 26: The Preservation and Repair of Historic Log Buildings.

Bruce L. Bomberger.

Focuses on horizontally laid or vertically positioned logs, but the preservation and repair treatments are essentially the same for all log structures. Discusses traditional splicing-in techniques, the use of epoxies, and replacement, as well as guidance on the repair and replacement of chinking and daubing. 14 pages. 32 illustrations. 1991.

Preservation Briefs 27: The Maintenance and Repair of Architectural Cast Iron.

John G. Waite; historical overview by Margot Gayle.

Discusses the role of cast iron in the industrial development of our country during the 19th century and the resulting advances in building design and technology and ornamental detailing. Provides essential guidance on maintaining and repairing architectural cast iron within rehabilitation projects. 12 pages. 30 illustrations. 1991.



The following Preservation Briefs are sold in single issue ONLY:

**Preservation Briefs 35:
Understanding Old Buildings: The
Process of Architectural
Investigation.**

Travis C. McDonald, Jr.

Explains architectural investigation as the critical first step in planning an appropriate treatment—understanding how a building has changed over time and assessing levels of deterioration. Addresses the often complex investigative process in broad, easy-to-understand terminology. 16 pages. 23 illustrations. 1994. GPO stock number: 024-005-01143-9. \$1.75 per copy.

**Preservation Briefs 36: Protecting
Cultural Landscapes: Planning,
Treatment, and Management of
Historic Landscapes.**

Charles A. Birnbaum, ASLA.

Describes cultural landscapes as special places that reveal aspects of our country's origins and development through their form and features and the ways they were used. Provides a step-by-step process for preserving historic designed and vernacular landscapes to ensure a successful balance between historic preservation and change. 16 pages. 50 illustrations. 1994. GPO stock number: 024-005-01144-7. \$1.75 per copy.

**Preservation Briefs 37: Appropriate
Methods of Reducing Lead-Paint
Hazards in Historic Housing.**

Sharon C. Park, AIA, and Douglas C. Hicks.

Recommends an appropriate methodology for planning and implementing measures to reduce lead-paint hazards in historic houses while preserving their character-defining features. Follows a well-balanced approach that is sensitive to the health and safety of children who live in historic houses as well as those involved in rehabilitation and restoration projects. Includes useful decision making charts. 16 pages. 32 illustrations. 1995. GPO stock number: 024-005-01149-8. \$2.00 per copy.

**Preservation Briefs 38: Removing
Graffiti from Historic Masonry.**

Martin E. Weaver.

Focuses on cleaning methods that can be used to remove surface-applied graffiti without damaging historic masonry. Emphasizes prompt removal as the key to preventing recurrence of graffiti, as well as the importance of developing a maintenance program in advance to be prepared when graffiti occurs. Includes "tips" for successful graffiti removal, a discussion of barrier coatings, and useful charts designed to guide the graffiti-removal process. 15 pages. 23 illustrations. 1995. GPO stock number: 024-005-01158-7. \$2.00 per copy.

**Preservation Briefs 39: Holding the
Line: Controlling Unwanted
Moisture in Historic Buildings.**

Sharon C. Park, AIA.

Outlines a way to diagnose moisture problems and choose remedial treatments within a historic preservation context. Considers the five major sources of moisture, including the exterior building envelope, ground moisture infiltration, interior condensation, leaking pipes, and moisture from cleaning or new construction. Provides guidance on managing moisture deterioration, repairing and maintaining historic building materials, and correcting common problem areas. Includes charts on types of diagnostic tools, recommended treatments and treatments that should always be avoided. 16 pages. 30 illustrations. 1996. GPO stock number: 024-005-01168-4. \$1.50 per copy.



Preservation Briefs 40: Preserving Historic Ceramic Tile Floors.

Anne E. Grimmer and Kimberly A. Konrad.

Summarizes the historical use of glazed and unglazed ceramic tiles as a traditional flooring material, and describes different types of tiles, including quarry tiles, encaustic tiles and geometric tiles, and mosaic tiles. Provides useful guidance for maintaining and preserving historic ceramic tile flooring, on cleaning treatments, and on protective and code-required, slip resistant coatings. Also contains information on various repair options, as well as the selective replacement of damaged tiles. Useful sources for replacement tiles. 16 pages. 25 illustrations. 1996. *GPO stock number: 024-005-01169-2. \$1.50 per copy.*

NEW Preservation Briefs 41: The Seismic Retrofit of Historic Buildings: Keeping Preservation in the Forefront.

David Look, AIA, Terry Wong, and Sylvia Rose Augustus.

Discusses the issues of protecting historic buildings in seismic areas from earthquake damage. Stresses the importance of working with a team of specialists familiar with historic building construction and the alternative approaches to seismic retrofit that make a building safe without destroying significant historic materials. Provides essential guidance on evaluating historic buildings, the extent of strengthening to consider, design approaches, and the visual impact of these changes. 16 pages. 37 illustrations. 1997. *GPO stock number: 024-005-01184-6. \$2.00 per copy.*

NEW Preservation Briefs 42: The Maintenance, Repair, and Replacement of Historic Cast Stone.

Richard Pieper.

Defines cast stone as a building material and provides a brief history of its manufacture and use. Discusses the causes of its deterioration, repairable conditions, and methods of repair. Also addresses the replication and replacement of historic cast stone installations, and the use of cast stone as a substitute replacement material for natural stone. 12 pages. 25 illustrations. 1999. *GPO stock number: 024-005-01190-1. \$2.00 per copy.*

NEW Preservation Briefs 43: The Preparation and Use of Historic Structure Reports.

Deborah Slaton.

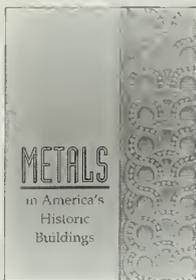
Defines the historic structure report (HSR) and provides a historical overview of its use. Outlines an entire procedure for preparing the HSR, taking a team approach. Topics in the Brief include historical/archival research, site inspection, evaluation, and treatment recommendations, the organization and contents of the report itself, and how the HSR is applied to the development of design and construction documents and implementation of work. 16 pages. 30 illustrations. 1998. *GPO stock number: 024-005-01191-9. \$2.00 per copy. Spring, 2000.*

Forthcoming/Future Topics

Preservation Brief topics currently under development for future publication include maintaining historic buildings, preserving historic interior trim, and post-flood preservation considerations.

Technical Reports

Technical Reports address in detail problems confronted by architects, engineers, government officials, and other technicians involved in the preservation of historic buildings.



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Metals in America's Historic Buildings: Uses and Preservation Treatments.

*Margot Gayle, David W. Look, AIA, and
John G. Waite, AIA.*

Outstanding resource on the history, maintenance, and repair of architectural metals, this 1980 book was updated in 1992 by John G. Waite, AIA, to reflect the newest technologies. 168 pages. 183 illustrations. 1992. GPO stock number: 024-005-01108-1. \$15.00 per copy.

Partnership Sales

Gaslighting in America: A Guide to Historic Preservation.

Denys Peter Myers.

Surveys the types and style of gas fixtures that appeared in the rooms and on the streets of 19th and early 20th century America. Originally published by the National Park Service in 1978, re-issued by Dover Publications in 1990. Appendix. Notes. Bibliography. 279 pages. 120 illustrations. \$16.95. Write Dover Publications, 31 East Second St., Mineola, New York 11051.

Keeping it Clean: Removing Dirt, Paint, Stains, and Graffiti from Historic Exterior Masonry.

Anne E. Grimmer.

Covers virtually every aspect of a cleaning project-identifying building materials to be cleaned and ones that might be affected by cleaning; scheduling cleaning around other work; what to ask for in "cleaning specs," and what kind of test cleaning procedures to use. Useful chart summarizes cleaners and removal techniques. 45 pages. 35 illustrations. 1987. Bibliography. Available from P.G., Inc. \$5.50 + \$5.00 shipping and handling in USA. Maryland residents add 5% tax. Send check to: P.G., Inc., P.O. Box 1768, Rockville, MD 20849-1768. For further information on other books, call (301) 309-2222.

Moving Historic Buildings.

John Bed Curtis.

Discusses the limited circumstances under which a historic masonry or frame building should be moved. Establishes a methodology for planning, research, and recording prior to the move; and addresses the siting, foundation construction, building reassembly, and restoration work after a successful move has taken place. 50 pages. 47 illustrations. Selected bibliography. 1975. Reprinted 1991 by W. Patram for the International Association of Structural Movers. \$2.50 each + \$1.50 postage for one copy; add \$.75 postage for each. additional copy. Buy 50 and IASM pays postage. Send to: Carl Tuxill, Director, IASM, P.O. Box 1213, Elbridge, NY 13060.

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Preservation Tech Notes provide innovative solutions to specific problems in preserving cultural resources-buildings, structures, and objects. Tech Notes are intended for practitioners in the preservation field, including architects, contractors, and maintenance personnel, as well as for owners and developers seeking the preservation tax investment credit for rehabilitation.

Free from TPS

Although there is no subscription list for this series, new Tech Notes appear as inserts in the National Park Service's CRM magazine. For subscription information write: CRM, National Park Service, 1849 C Street, NW, NC-350 Washington, DC, 20240. The Preservation Tech Notes dealing with window issues have also been included in *The Window Handbook: Successful Strategies for Rehabilitating Windows in Historic Buildings.*





Single copies of up to three Preservation Tech Notes below are available free (■) from TPS by contacting: Heritage Preservation Services Information Desk, National Park Service, 1849 C Street, NW, NC-330, Washington, D.C. 20240. Or phone (202) 343-9583; e-mail: hps-info@nps.gov.

Doors No. 1, "Historic Garage and Carriage Doors: Rehabilitation Solutions," by Bonnie Halda. (1989)

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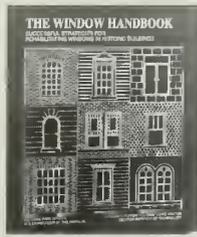
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Charles Fisher, Editor.

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Preservation Case Studies provide practical solution-oriented information for developers, planners, and owners by presenting and illustrating a specific course of action taken to preserve one building or an entire block of buildings. Individual case studies may highlight an innovative rehabilitation technique, financing strategies, or an overall planning methodology. See titles listed under Preservation Tax Incentives.

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The books on affordable housing are also listed under **Preservation Tax Incentives**.

Affordable Housing Through Historic Preservation: Tax Credits and the Secretary of the Interior's Standards for Historic Rehabilitation.

*Susan Escherich, Stephen J. Farneth, AIA,
and Bruce Judd, AIA. Preface by Katherine
H. Stevenson.*

Focuses on rehabilitating schools, hotels, shotgun houses, warehouses, single-family rowhouses, and factories within context of the historic rehabilitation tax credit. Case studies are presented to show how architects, contractors, and owners were able to provide convenient, attractive living space for modern families and special populations; meet health and safety codes; and meet the Secretary of the Interior's Standards for Rehabilitation. 110 pages. 64 illustrations. Appendices. 1995. GPO stock number: 024-005-01163-3. \$7.50 per copy.

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Heritage Preservation/National Park Service. Comprehensive guide focusing on the importance of maintenance in preserving historic homes. Topics written by 22 leading preservationists include structural systems, roofs, windows, masonry, woodwork, plaster, paint, wallpaper, mechanical and electrical systems, kitchens and bathrooms, landscaping and more! 256 pages. 187 illustrations (70 in full color). Published by Harry N. Abrams, Inc. 1998. Price per single issue shipped Library Rate in USA: \$39.95 hardcover + \$6.00 shipping/handling; \$24.50 soft-cover + \$5.00 shipping/handling. To order or for further information, write NIC, 1730 K Street, NW, Suite 566, Washington, D.C. 20006 or call/fax NIC at (202) 625-1495.

Interiors Handbook for Historic Buildings.

*Michael Auer, Charles Fisher, and Anne
Grimmer, Editors.*

National Park Service/Historic Preservation Education Foundation. Includes nearly 400 pages of technical papers as well as guidance for architects, developers, building managers, curators, and property owners. Both rehabilitation and restoration issues are addressed, including inspection, evaluation and planning, architectural features and materials, systems and fixtures, space utilization and adaptive reuse, finishes and decorative accessories, and fire protection and building codes. Available for \$56, which includes postage and handling, from: HPEF, P.O. Box 77160, Washington, D. C. 20013.



Interiors Handbook for Historic Buildings, Volume II.

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National Park Service/Historic Preservation Education Foundation. Companion to first volume, a ready reference tool on the restoration and rehabilitation of historic interiors. Sections on planning and maintenance; architectural and mechanical features; walls, ceilings and floors; wall coverings and textiles; paints and consolidants; and furnishings. Annotated bibliography of recent literature and a 20-page products and services directory. 550 pages. Illustrated. 1993. Available for \$49.50, which includes postage and handling, from: HPEF, P.O. Box 77160, Washington, D. C. 20013.



Twentieth-Century Building Materials: History and Conservation.

Thomas C. Jester, Editor. National Park Service/McGraw-Hill.

Provides an historical overview of building materials from 1880-1960. Includes chapters on: concrete; masonry; metals; woods and plastics; flooring; and roofing, siding and walls. Brief histories and conservation approaches by preservation experts nationwide are covered for thirty-six materials. Sources for research twentieth-century materials are compiled in an appendix. *To order, write McGraw Hill, Inc., 11 West 19th Street, 4th Floor, New York, NY 10011, or call toll-free (800) 722-4726. The cost per copy is \$55.00, plus postage, handling, and local sales tax.*



Respectful Rehabilitation: Answers to Your Questions on Historic Buildings.

Kay D. Weeks and Diane Maddex, Editors.

National Park Service/National Trust for Historic Preservation. Provides answers to 150 questions often asked in rehabilitating historic buildings for new uses. A "Dear Abby" for historic buildings, questions cover the yard, structural and mechanical systems, exterior features such as masonry, wood, metals, roofs, windows and doors, storefronts, entrances and exterior finishes, additions and safety and building code requirements. 200 pages. 150 illustrations. 1982. Available for \$14.95 plus \$2.50 shipping and handling when paying by check or credit card. Write: John Wiley & Sons, Inc., Distribution Center, 1 Wiley Drive, Somerset, NJ 08875-1272 or call 1-800-225-5945.

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Directory of Historic Preservation Easements. 16 pages. 1998.

Historic Preservation Easements. 8 pages. 1997.

Preservation Tax Incentives for Rehabilitating Historic Buildings. Leaflet. Revised 1998.

GPO Sales

Preservation Briefs 2: Repointing Mortar Joints in Historic Masonry Buildings. 16 pages. 36 illustrations. Revised in 1998. GPO stock number: 024-005-01192-7. \$2.00 per copy.

Preservation Briefs 41: The Seismic Retrofit of Historic Buildings: Keeping Preservation in the Forefront. 16 pages. 37 illustrations. 1997. GPO stock number: 024-005-01184.6. \$2.00 per copy.

Preservation Briefs 42: The Maintenance, Repair, and Replacement of Historic Cast Stone. 16 pages 30 illustrations. 1998. GPO stock number: 024-005-01190-1. \$2.00 per copy.

Preservation Briefs 43: The Preparation and Use of Historic Structure Reports. 16 pages. 30 illustrations. 1998. GPO stock number: 024-005-01191-9. \$2.00 per copy.

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Roofing Handbook for Historic Buildings.

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Heritage Preservation Services, National Park Service, helps our nation's citizens and communities identify, evaluate, protect, and preserve historic properties and places for future generations of Americans. Located in Washington, D.C. within the National Center for Cultural Resources Stewardship & Partnership Programs, Heritage Preservation Services' diverse partners include State Historic Preservation Officers, tribal governments, local governments, federal agencies, colleges, non-profit organizations, and private citizens. The Division provides a broad range of products and services, financial assistance and incentives, educational guidance, and technical information to assist cultural resource protection nationwide. The *Office of the Chief* provides umbrella direction for the development of program standards, guidelines, outreach media and for internal communication systems; coordinates the historic preservation planning program; administers a number of cross-program initiatives and activities, such as special partnership conferences, annual reports, strategic planning, and the national preservation program's compliance with the Government Performance and Result Act (GPRA); oversees the National Park Service Challenge Cost-Share program; and provides financial management oversight for the National Center for Technology and Training Assistance Awards. *Preservation Initiatives* combines several well known national programs under one umbrella. The American Battlefield Protection Program provides financial and technical assistance to preserve significant historic battlefield sites on American soil; the Tribal Preservation Program helps Indian tribes, Alaska Native Groups, and Native Hawaiians preserve their unique culture through grant awards and training opportunities; the Federal Agency Preservation Assistance Program develops standards and guidelines and creates training opportunities for federal cultural resource managers; and Mapping and Information Technologies operates the Cultural Resources Geographic Information Services facility and facilitates delivery of the HPS World Wide Web by applying the most recent advances in the field of telecommunications to heritage education. *State, Tribal, and Local Programs* provides oversight and develops regulations, national performance standards and administrative procedures for the Historic Preservation Fund Grants Program to States, tribes, and the National Trust for Historic Preservation; assists historically black colleges and universities in preserving their historically significant campus buildings through the Historically Black Colleges and Universities Initiative; provides grant administration and oversight to the Native American Graves Protection and Repatriation Act (NAGPRA), Maritime Grants Programs, and other special purpose targeted grants appropriated by Congress; and provides financial and technical assistance to over 1,100 local governments in preserving their local heritage through the Certified Local Government Program. *Technical Preservation Services* develops national standards and guidelines for preserving, rehabilitating, and restoring historic buildings and landscapes; prepares educational publications and other media on the preservation and care of our nation's historic built environment; offers ongoing technical assistance through its conferences and workshops; administers the Federal Historic Preservation Income Tax Incentives program, Federal Surplus Property program, Historic Landscape Initiative and the National Historic Landmarks Assistance Initiative; coordinates the Cultural Resource Training Initiative and Historic Preservation Internship Training program; and offers administrative support to the Board of the National Center for Technology and Training.

