



EVIDENCE-BASED DESIGN

FOR MULTIPLE BUILDING TYPES

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Evidence Based Design For Multiple Building Types



Architectural Record (New York, N.Y.)

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Evidence-Based Design for Multiple Building Types D. Kirk Hamilton, David H. Watkins, 2008-12-31 Evidence based design which bases design decisions on the best available current research evidence is gaining traction among architects Expanding the field from its origins in healthcare to other building types such as education criminal justice commercial industrial and places of worship this book introduces design professionals to the concept of evidence based design and its use in the creation of high performance environments It focuses on the methods by which design professionals and their clients can create better buildings by critically interpreting the implications of credible research and careful observation of completed projects Drawing a direct link between evidence and application the authors provide examples of credible research that supports evidence based design are presented as well as specific applications and case study examples

Evidence-Based Design for Multiple Building Types D. Kirk Hamilton, 2008 Sustainability and Evidence-Based Design in the Healthcare Estate Michael Phiri, Bing Chen, 2013-11-18 This work aims to deepen our understanding of the role played by technical guidelines and tools for the design construction and operation of healthcare facilities ultimately establishing the impact of the physical environment on staff and patient outcomes Using case studies largely drawn from the UK Europe China and Australasia design approaches such as sustainability e g targets for energy efficiency carbon neutrality reduction of waste evidence based design EBD and Post Project Evaluation PPE are examined in order to identify policies mechanisms and strategies that can promote an integrated learning environment that in turn supports innovation in healthcare

Universal Methods of Design Expanded and Revised Bruce Hanington, Bella Martin, 2019-12-03 This expanded and revised version of the best selling Universal Methods of Design is a comprehensive reference that provides a thorough and critical presentation of 125 research methods synthesis analysis techniques and research deliverables for human centered design The text and accompanying photos and graphics of this classic resource are delivered in a concise and accessible format perfect for designers educators and students Information can be easily referenced and utilized by cross disciplinary teams in nearly any design project This new expanded edition includes updated information on scenarios secondary research territory maps and other chapters The addition of 25 new chapters brings fresh relevance to the text with innovative design methods that have emerged since the first edition such as backcasting behavioral design horizon scanning and transition design Universal Methods of Design distills each method down to its essence in a format that helps design teams select and implement the most credible research methods suited to their design culture

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any design project Methods and techniques are organized alphabetically for ongoing quick reference Each method is presented in a two page format The left hand page contains a concise description of the method accompanied by references for further reading On the right hand page images and cases studies for each method are presented visually The relevant phases for design application are highlighted as numbered icons along the right side of the page from phases 1 planning through 5 launch and monitor Build more meaningful products with these methods and more A B Testing Affinity Diagramming Behavioral Mapping Bodystorming Contextual Design Critical Incident Technique Directed Storytelling Flexible Modeling Image Boards Graffiti Walls Heuristic Evaluation Parallel Prototyping Simulation Exercises Touchstone Tours and Weighted Matrix This essential guide Dismantles the myth that user research methods are complicated expensive and time consuming Creates a shared meaning for cross disciplinary design teams Illustrates methods with compelling visualizations and case studies Characterizes each method at a glance Indicates when methods are best employed to help prioritize appropriate design research strategies Universal Methods of Design is an essential resource for designers of all levels and specializations

The Architect's Handbook of Professional Practice American Institute of Architects,2013-11-25 The definitive guide to architectural practice Business legal and technical trends in architecture are constantly changing The Architect s Handbook of Professional Practice has offered firms the latest guidance on those trends since 1920 The Fifteenth Edition of this indispensable guide features nearly two thirds new content and covers all aspects of contemporary practice including updated material on Small firm practice use of technologies such as BIM and project delivery methods such as IPD and architect led design build Career development and licensure for emerging professionals and state mandated continuing education for established architects Business management topics such as organizational development marketing finance and human resources Research as an integrated aspect of architectural practice featuring such topics as evidence based design and research in a small firm context The Fifteenth Edition of The Architect s Handbook of Professional Practice includes access to a website that contains samples of all AIA Contract Documents in PDF format for Mac and PC computers With comprehensive coverage of contemporary practices in architecture as well as the latest developments and trends in the industry The Architect s Handbook of Professional Practice continues to be the essential reference for every architect who must meet the challenges of today s marketplace with insight and confidence

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