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Architects' Data Ernst Neufert, 2019-08-05 An indispensable tool for the beginning stages of designing and planning a building project This new edition of a classic bestselling text provides in one concise volume the essential information needed to form the framework for the more detailed design and development of any building project Organized largely by building type it covers planning criteria and considerations of function and siting and with over 6200 diagrams it provides a mass of data on spatial requirements Most of the featured illustrations are dimensioned and each building type includes plans sections site layouts and design details The book also includes an extensive bibliography and detailed set of metric imperial conversion tables Architects Data starts with the basics of designing for a new building project before moving on to covering everything an architect needs to know It also looks at the design styles and specifications for creating different types of structures such as those made for residential religious cultural sports medical and other types of occupation Covers user requirements planning criteria basic dimensions and considerations of function and siting Includes numerous examples and over 6200 illustrations and tables 5th English edition of the classic international reference for architects Architects Data is an excellent resource for architects building surveyors space planners and design and build contractors everywhere

Architectural Drawings as Investigating Devices Marianna Charitonidou, 2023-07-10 Architectural Drawings as Investigating Devices explores how the changing modes of representation in architecture and urbanism relate to the transformation of how the addressees of architecture and urbanism are conceived The book diagnoses the dominant epistemological debates in architecture and urbanism during the 20th and 21st centuries It traces their transformations paying special attention to Le Corbusier and Ludwig Mies van der Rohe's preference for perspective representation to the diagrams of Team 10 architects to the critiques of functionalism and the upgrade of the artefactual value of architectural drawings in Aldo Rossi John Hejduk Peter Eisenman and Oswald Mathias Ungers and finally to the reinvention of architectural programme through the event in Bernard Tschumi and the Office for Metropolitan Architecture OMA Particular emphasis is placed on the spirit of truth and clarity in modernist architecture the relationship between the individual and the community in post war era architecture the decodification of design process as syntactic analogy and the paradigm of autonomy in the 1970s and 1980s architecture the concern about the dynamic character of urban conditions and the potentialities hidden in architectural programme in the post autonomy era This book is based on extensive archival research in Canada the USA and Europe and will be of interest to architects artists researchers and students in architecture architectural history theory cultural theory philosophy and aesthetics

Architectural Record, 1983 *The Organic Line* Irene V. Small, 2024-10-08 A major rethinking of twentieth century abstract art mobilized by the work of Brazilian artist Lygia Clark What would it mean to treat an interval of space as a line thus drawing an empty void into a constellation of art and meaning laden things In this book Irene Small elucidates the signal discovery of the Brazilian artist Lygia Clark in 1954 a

fissure of space between material elements that Clark called the organic line For much of the history of art Clark's discovery much like the organic line has escaped legibility Once recognized however the line has seismic repercussions for rethinking foundational concepts such as mark limit surface and edge A spatial cavity that binds discrepant entities together the organic line transforms planes into flexible topologies borders into membranes and interstices into points of connection As a paradigm the organic line has profound historiographic implications as well inviting us to set aside traditional notions of influence and origin in favor of what Small terms weak links and plagiotropic relations These fragile oblique and transversal ties have their own efficacy and Small's innovative readings of canonical modernist works such as Kazimir Malevich's Black Square John Cage's 4 33 and Le Corbusier's machine habiter as well as contemporary works by such artists as Adam Pendleton Ricardo Basbaum and Mika Rottenberg reveal the organic line's remarkable potential as an analytic instrument Mobilizing a rich repertoire of archival sources and moving across multiple chronologies geographies and disciplines this book invites us to envision modernism not as a stable construct defined by centers and peripheries inclusions and exclusions but as a topological field of interactive destabilizing tensions More than a history of a little known artistic device *The Organic Line Toward a Topology of Modernism* is a user's guide and manifesto for reimagining modern and contemporary art for the present

Encyclopedia of Architecture, Industrialized Construction to Polyesters Joseph A. Wilkes, 1988 This is the third of a 5 volume set comprising a comprehensive architecture reference with emphasis on architectural processes and building technology The encyclopedia is being produced by John Wiley Sons in collaboration with the American Institute of Architects It will contain approximately 500 articles representing the efforts of 600 contributors and total 4000 pages In addition to approximately 3000 illustrations the encyclopaedia will contain 500 tables and 100 biographies of leading architectural professionals The set offers practical coverage of design engineering construction building types materials biographies of prominent architectural professionals and firms and literature articles The work will be of use to architects libraries and construction and engineering professionals

Architects' Data Ernst Neufert, Peter Neufert, Bousmaha Baiche, Nicholas Walliman, 2002-08-26 Architects Data provides an essential reference for the initial design and planning of a building project Organised largely by building type and with over 6000 diagrams it provides a mass of data on spatial requirements and also covers planning criteria and considerations of function and siting Most illustrations are dimensioned and each building type includes plans sections site layouts and design details There are substantial new sections on building components services heating lighting thermal and sound insulation fire protection designing for the disabled An extensive bibliography and a detailed set of metric imperial conversion tables are included Since it was first published in Germany in 1936 Ernst Neufert's handbook has been progressively revised and updated through 35 editions and many translations This Third Edition of the English language version has been revised for the first time in 20 years and completely reworked with 40% more material to provide a major new edition for an international readership Browse sample pages and buy online <http://www.architectsdata.com/>

www.blackwellpublishing.com/architectsdata Speer Martin Kitchen, 2015-10-28 Sets the record straight on Albert Speer's assertions of ignorance of the Final Solution and claims to being the good Nazi Kirkus Reviews In his bestselling autobiography *Albert Speer: Minister of Armaments and Chief Architect of Nazi Germany* repeatedly insisted he knew nothing of the genocidal crimes of Hitler's Third Reich In this revealing new biography author Martin Kitchen disputes Speer's lifelong assertions of ignorance and innocence portraying a far darker figure who was deeply implicated in the appalling crimes committed by the regime he served so well Kitchen reconstructs Speer's life with what we now know including information from valuable new sources that have come to light only in recent years The result is the first truly serious accounting of the man his beliefs and his actions during one of the darkest epochs in modern history not only countering Speer's claims of non culpability but also disputing the commonly held misconception that it was his unique genius alone that kept the German military armed and fighting long after its defeat was inevitable A devastating portrait of an empty narcissistic and compulsively ambitious personality The Wall Street Journal Kitchen's exhaustively researched detailed book nails one by one the lies of the man who provided a thick coat of whitewash to millions of old Nazis Its fascinating account of how the moral degradation of the chaotic Nazi regime corrupted an entire nation is a timely warning for today Daily Mail Book of the Month An excellent new biography Kitchen has taken a wrecking ball to Speer's mendacious and meticulously created self image And about time too History Today **The Architects' Journal**, 2002 Design-Tech Jason

Alread, Thomas Leslie, Robert Whitehead, 2014-03-21 Design Tech is an indispensable holistic approach to architectural technology that shows you in hundreds of drawings and tables the why as well as the how of building science providing you with a comprehensive overview In this expanded edition measurements and examples are listed in both metric and imperial units to reflect the global reality of architectural practice The authors also address digital fabrication construction documentation ultra high rise structures and zoning codes And there's more in depth coverage of structural design and greater emphasis on environmental forces Numerous case studies demonstrate real world design implications for each topic so that you can integrate technical material with design sensibilities Short chapters explain each topic from first principles in easy to reference formats focusing on what you need to know both at the drawing board and in future discussions with engineers contractors and consultants This new edition incorporates material from continuing curricular experimentation in the SCI TECH sequence at Iowa State University which has been recognized with awards and funding from the American Institute of Architects the U S Green Building Council and the National Council of Architectural Registration Boards

Governing by Design Aggregate Architectural History Collaborative, 2012-04-29 Governing by Design offers a unique perspective on twentieth century architectural history It disputes the primacy placed on individuals in the design and planning process and instead looks to the larger influences of politics culture economics and globalization to uncover the roots of how our built environment evolves In these chapters historians offer their analysis on design as a vehicle for power

and as a mediator of social currents Power is defined through a variety of forms modernization obsolescence technology capital ergonomics biopolitics and others The chapters explore the diffusion of power through the establishment of norms and networks that frame human conduct action identity and design They follow design as it functions through the body in the home and at the state and international level Overall Aggregate views the intersection of architecture with the human need for what Foucault termed governmentality societal rules structures repetition and protocols as a way to provide security and tame risk Here the conjunction of power and the power of design reinforces governmentality and infuses a sense of social permanence despite the exceedingly fluid nature of societies and the disintegration of cultural memory in the modern era

Four Walls and a Roof Reinier de Graaf, 2017-09-25 A Financial Times Best Book of the Year A Guardian Best Architecture Book of the Year Sharp revealing funny The Guardian An original and even occasionally hilarious book about losing ideals and finding them again De Graaf deftly shows that architecture cannot be better or more pure than the flawed humans who make it The Economist Architecture we like to believe is an elevated art form that shapes the world as it pleases Four Walls and a Roof turns this fiction on its head offering a candid account of what it's really like to work as an architect Drawing on his own tragicomic experiences in the field Reinier de Graaf reveals the world of contemporary architecture in vivid snapshots from the corridors of wealth in London Moscow and Dubai to the demolished hopes of postwar social housing in New York and St Louis We meet ambitious oligarchs developers for whom architecture is nothing more than an investment and layers of bureaucrats consultants and mysterious hangers on who lie between any architect's idea and the chance of its execution This is a book about power money and influence and architecture's complete lack of any of them Witty insightful and funny it is a sometimes painful dissection of a profession that thinks it is still in control Financial Times This is the most stimulating book on architecture and its practice that I have read for years Architects Journal Architects' Data Ernst Neufert, Peter Neufert, 2000-09-12 Architects Data Provides a vast amount of design data for all the main building types Includes over 6000 diagrams packed full of data Is 40% larger than the previous edition with over 3000 more illustrations Contains substantially expanded sections on building components services heating lighting and sound Introduces completely new sections on thermal insulation solar architecture fire protection and means of escape designing for the disabled and refurbishment and renovation Architects Data provides an essential reference for the initial design and planning of a building project Organized largely by building type and with over 6000 diagrams it provides a mass of data on spatial requirements and also covers planning criteria and considerations of function and siting Most illustrations are dimensioned and each building type includes plans sections site layouts and design details There are substantial new sections on building components services heating lighting thermal and sound insulation fire protection designing for the disabled An extensive bibliography and a detailed set of metric imperial conversion tables are included Since it was first published in Germany in 1936 Ernst Neufert's handbook has been progressively revised and updated through 35 editions and many translations This

Third Edition of the English language version has been revised for the first time in 20 years and completely reworked with 40% more material to provide a major new edition for an international readership Corporate Real Estate Management Jan Gerard Hoendervanger, Theo van der Voordt, Jaap Wijnja, 2024-09-09 How can Corporate Real Estate managers and Facility managers translate an organisation's strategy into a real estate strategy that optimally aligns demand and supply and adds value in a sustainable and socially responsible way How to create a positive user experience taking into account the diversity and dynamics of individual users' needs How to balance different functional, experiential, architectural and technical requirements budget time and legal preconditions This book discusses Corporate Real Estate CRE and Corporate Real Estate Management CREM from the perspective of organisations individual users other stakeholders and society It presents theories models and methods for analysing demand and supply and the best possible match It discusses how to implement a CRE strategy by setting up project based business cases developing design briefs and managing CRE interventions and CRE operations Finally it describes different options for the organisational design of CREM sourcing strategies required competencies and future prospects As such the book covers the whole life cycle of corporate real estate It integrates knowledge from different disciplines including corporate real estate and facility management environmental psychology ergonomics business administration and many more The authors have decades of experience in the field as practitioners teachers and researchers Jan Gerard Hoendervanger currently works as an independent CRE consultant Theo van der Voordt is emeritus associate professor in Corporate Real Estate and Facility Management at the Faculty of Architecture Delft University of Technology Jaap Wijnja is lecturer and researcher at Hanze University of Applied Sciences Institute of Facility Management

Construction Matters Stefan Holzer, Silke Langenberg, Clemens Knobling, Orkun Kasap, 2025-03-04 Construction History Construction Heritage Recent Construction Historiography Industrialization Engineering Sciences Building Materials Building Actors Construction History is still a fairly new and small but quickly evolving field The current trends in Construction History are well reflected in the papers of the present conference Construction History has strong roots in the historiography of the 19th century and the evolution of industrialization but the focus of our research field has meanwhile shifted notably to include more recent and also more distant histories as well This is reflected in these conference proceedings where 65 out of 148 contributed papers deal with the built heritage or building actors of the 20th or 21st century The conference also mirrors the wide spectrum of documentary and analytical approaches comprised within the discipline of Construction History Papers dealing with the technical and functional analysis of specific buildings or building types are complemented by other studies focusing on the lives and formation of building actors from laborers to architects and engineers from economical aspects to social and political implications on legal aspects and the strong ties between the history of construction and the history of engineering sciences The conference integrates perfectly into the daily work at the Institute for Preservation and Construction History at ETH Zurich Its two chairs the Chair for

Building Archaeology and Construction History and the Chair for Construction Heritage and Preservation endeavor to cover the entire field and to bridge the gaps between the different approaches methodologies and disciplines between various centuries as well as technologies learning together and from each other The proceedings of 8ICCH give a representative picture of the state of the art in the field and will serve as a reference point for future studies *The Architect in Practice* David Chappell, Michael H. Dunn, 2016-01-26 Throughout its many editions *The Architect in Practice* has remained a leading textbook used in the education of architects While the content of the book has developed the message and philosophy has remained constant to provide students of architecture and young practitioners with a readable guide to the profession outlining an architect's duties to their client and contractor the key aspects of running a building contract and the essentials of management finance and drawing office procedure The eleventh edition follows in that tradition The text has been brought up to date to ensure it follows the new RIBA Plan of Work 2013 as the guide to the architect's workflow In addition a number of changes to standard forms of contract were made with the publication of the JCT 2011 suite of contracts and the RIBA Standard Form for the Appointment of an Architect 2010 2012 Revision These new forms are fully covered In addition the opportunity has been taken to reorganise the layout so that the content flows in a way that is more consistent with current architectural practice and to deal with the increasing use of BIM The eleventh edition of *The Architect in Practice* continues to provide the guidance and advice all students and practising architects need in the course of their studies and in their profession *Basics Facade Apertures* Roland Krippner, Florian Musso, 2017-05-22 Facade apertures represent the realm of the exterior wall or facade which establishes the connection between inside and out and makes it possible to illuminate and ventilate the spaces behind it This volume deals with the various forms of openings such as doors windows ventilation elements and fixed glass panes and their materialization which also varies according to function special attention is given to the subject of edges Themes Types and positions of openings Technical requirements Construction types Connections edges

Legal Reminders for Architects Elizabeth Phillips, Meyricke Serjeantson, 2014-05-12 *Legal Reminders for Architects* provides a basic introduction to the range of legislation which encompasses all planning and building work in England and Wales The book contains a summary of each law that may affect an architect and where appropriate suggestions for a suitable procedure to follow It also explains less well known terms in planning building and employment The text is organized into 19 chapters which elucidates the legislation on such aspects as town and country planning site appraisal building control and health and safety The laws governing the conduct of businesses and partnerships the employment protection law and building regulations are elaborated as well This book is intended for use by architects and architectural students **Use Matters** Kenny Cupers, 2013-10-15 From participatory architecture to interaction design the question of how design accommodates use is driving inquiry in many creative fields Expanding utility to embrace people's everyday experience brings new promises for the social role of design But this is nothing new As the essays assembled in this collection show

interest in the elusive realm of the user was an essential part of architecture and design throughout the twentieth century Use Matters is the first to assemble this alternative history from the bathroom to the city from ergonomics to cybernetics and from Algeria to East Germany It argues that the user is not a universal but a historically constructed category of twentieth century modernity that continues to inform architectural practice and thinking in often unacknowledged ways *Ebola and Marburg treatment centres* World Health Organization,2024-07-25 This manual addresses the design and construction of healthcare facilities supporting the response to Ebola and Marburg E M disease outbreaks particularly in treatment centres TCs It provides technical guidance minimum requirements practical tools and layout examples and references for planning designing building and operating healthcare facilities TCs and others to respond to E M disease outbreaks in low and middle income contexts and resource limited settings The manual complements other World Health Organization WHO literature and contributes to the standardization of facility design and operation for safe and humane care and treatment of patients

Elements in Landscape Astrid Zimmermann,2019-11-05 Designing the outdoor environment is a complex process Landscape architects must take into account various factors such as space distance and movement This volume is a practical reference work for students as well as professionals It provides all the key dimensions for vertical planning vegetation and public spaces everything one needs to design functional and use specific landscapes

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