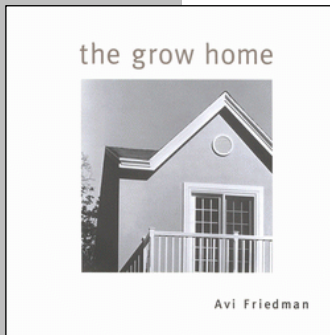


## PUBLISHED BOOKS



**Friedman, A., *The Grow Home*, McGill-Queen's University Press, Montréal, 2001 (208 pp.).**

In *The Grow Home*, Avi Friedman recounts the genesis and development of this innovative project. Like the auto industry's approach to the economy car, Friedman's Grow Home gives people what they need in a house at an affordable price - a quality product that allows both the perimeter and interior of a house to be expanded and changed to fit the space needs and budget of its owners. Frills are extra.

In this illustrated guide, Friedman describes the background, conception, and construction of these modest (14' x 36') homes. He details their construction for prospective owners, builders, and architects, showing how past and contemporary precedents were transformed and how the first versions were adapted by the building industry. Visits to completed Grow Homes shed light on why such homes were purchased and the process by which they "grew". Friedman also shows how the design has been adapted for prefabrication to meet the needs of the developing world. He describes the contribution that small-unit design makes to saving valuable natural resources and shares his experiences in planning communities based on the Grow Home.

*McGill-Queen's University Press, Spring 2001 Catalogue*

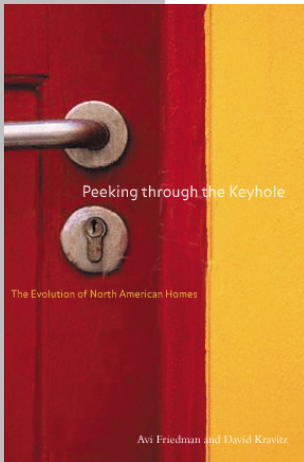


**Friedman, A., et al., *Planning the New Suburbia; Flexibility by Design*, UBC Press, Vancouver, 2001 (224 pp.).**

The suburbs house two-thirds of North America's population and are the subject of much debate. *Planning the New Suburbia*, by Avi Friedman, explores this phenomenon and proposes ways to respond to the challenge of creating affordable, adaptable, and environmentally sustainable neighbourhoods. An architect and planner, Friedman suggests new methods of design and regulation that would enable urban planners to conceive and inhabitants to adapt suburban communities and homes to their evolving needs, as a result of changing family size, an aging population, or new working conditions.

Friedman surveys the evolution of urban planning, the history of "ideal" communities, the development of North American suburbs, and the theory behind flexible suburban design. Three case studies offer practical examples of his approach, and all are generously illustrated with drawings, plans, and photographs to demonstrate Friedman's ideas in action. Rather than dismissing a suburb as an unattractive, impersonal sprawl, Friedman shows how they can be modified into affordable, sustainable, and adaptable communities.

*UBC Press Fall-Winter 2001 Catalogue*



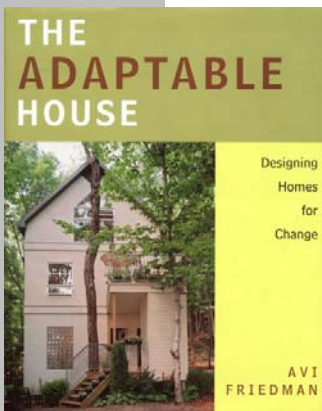
**Friedman, A., Krawitz, D., *Peeking Through The Keyhole; the Evolution of the North American Home*, McGill-Queen's University Press, Montréal, 2002 (212 pp.).**

In *Peeking Through the Keyhole*, the authors guide the reader through trends and changes that have influenced design and construction over the last fifty years and describe their impact on home life. The ideological spine - the thesis - of the book is that the home is no longer a product of pure design ideas but rather a response to many factors and forces beyond the control of designers, builders, and users.

Each chapter approaches the theme of home from a different vantage point: the first three chapters focus on specific technologies and practices (food and kitchens, communication, construction and renovation), the middle two chapters deal with the bookend periods of life (childhood and aging), and the last two chapters examine our ideas of home in the context of the broader community and as an object of commerce - home as a commodity.

The authors explore social fabric and material culture and demonstrate - through intriguing research and trained observation - how much life has changed in the years following the Second World War. They highlight these changes from the perspective of housing: transformation in society, the economy and lifestyles as reflected in our homes. The book identifies new activities and spaces in homes, and strives to understand their sources as well as future directions.

*From a book Proposal to McGill-Queen's*



**Friedman, A., *The Adaptable House; Designing Homes for Change*; McGraw-Hill, New York, 2002 (271 pp.).**

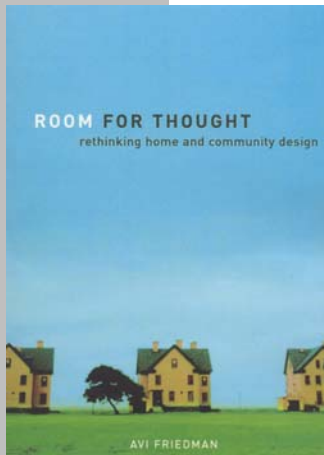
America's rapidly changing demographics - people living longer, an increasing number working from home, fewer having children - demand a greater flexibility, creativity, and awareness in home design and construction. Clearly, the era of unchangeable homes, capable of accommodating just one life-style is drawing to a close, and there exists a clear need for new imaginative strategies, tasks, and products.

*The Adaptable House* provides specific design approaches and techniques that facilitate flexible design - both on the inside and out. These principles make it simple to alter a dwelling's layout, demolish partitions or build new ones, upgrade heating systems, and change the locations of staircases.

*The Adaptable House* is divided into three sections: the first sets the stage for adaptability, the second outlines relevant design principles, and the last shows their actual application in a variety of projects with detailed coverage of interior layouts and room configurations, exterior elements such as roofs and facades, new building materials and methods, easy add-ons and remodels, and single-family and multiple dwelling houses.

This groundbreaking reference outlines both a vision and process that together will alter our concept of, and expectations for the structure we call home.

*From McGraw-Hill Catalogue*

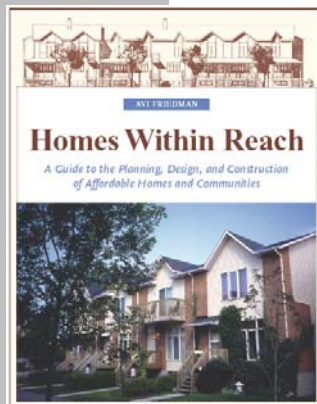


**Friedman, A., *Room for Thought: Rethinking Home and Community Design*, Penguin Canada, Toronto, 2005 (238 pp.).**

The book is a collection of essays on home design and neighbourhood planning. Each essay explores and traces historical roots and casts a new light for their better understanding. The essays have been assembled in four parts. The first touches on domestic issues and centres on the home. Next, the neighbourhood and the city are visited and described. The technical working of homes are looked at next, and the author's personal endeavours as an architect, homeowner and parent conclude the collection.

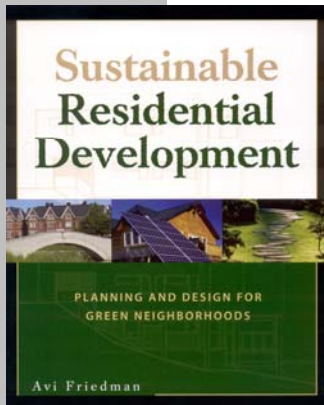
Each essay begins with personal recollections based on the author's extensive experience as a designer, world traveller and researcher, which leads him to pose intriguing questions. He tells of the subject's historical evolution, interprets current stands and predicts future trends.

He ponders about North America's love affair with large homes. When visiting a western style housing project in Dalian, China, he asks whether global style is inevitable. He questions if, given new lifestyle tendencies, the dining room is still needed. He traces the roots of our excessive domestic consumption and investigates how it has influenced our storage at home. A visit to the largest home show in the world made him predict why we are likely to buy talking fridges. He also wonders why our furniture is so bulky-looking and he tells what the telephone did to human interaction and what the computer is destined to do to home life.



**Friedman, A., *Homes Within Reach: A Guide to the Planning, Design and Construction of Affordable Homes and Communities*, John Wiley & Sons Inc., New Jersey, 2005 (279 pp.).**

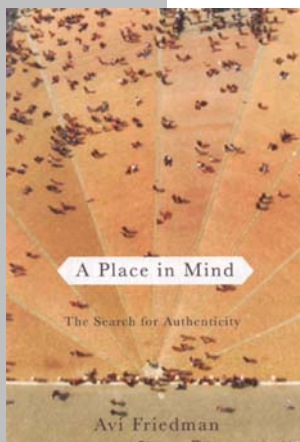
The book is a step-by-step guide to the various phases of community and home design. Following an introductory chapter that outlines fundamental definitions and principles, the book deals with site selection, forms and prototypes of dwellings, their interior design and construction. Other chapters tackle lot configuration, circulation and infrastructure, open spaces and infill projects. The final chapter describes and illustrates 5 projects where a range of aspects have been discussed and analyzed. The book contains over 200 images and illustrations as well as guides to developers, designers and planners of affordable housing.



**Friedman, A., *Sustainable Residential Development: Planning and Design Principles of Homes and Communities*, McGraw Hill, NY, 2007 (288 pp.).**

Global warming, depletion of non-renewable resources, and urban sprawl have become global challenges. Decades of inconsiderate planning and poor building practices have done little to reverse course in the built residential environment. Designing to sustain present needs, while considering the needs of future generations is the thrust of this book, which offers historical roots, principles and projects that demonstrate them. The scope of sustainability encompasses conceptions, processes and, once built, the life cycle of communities and homes. Each chapter deals with a stage, from selecting a site while respecting its natural conditions, siting a development, planning for a density community, designing “green” homes, refitting neighbourhoods and dwellings when they age, and finally implementing it all.

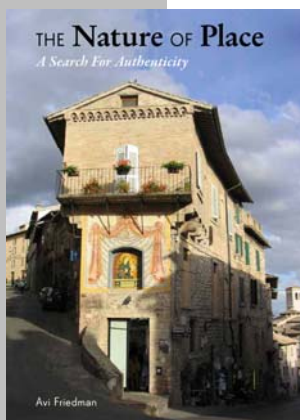
The book is accompanied by numerous illustrations and case studies which show, for example, how to consider wind direction, sun exposure, tree preservation, topography and public spaces in site planning. It also outlines how to design high density neighbourhoods, apply ‘green’ construction principles by using local materials, solar power, waste management and water efficiency as well as rehabilitate neighbourhoods while respecting their heritage. Over 100 downloadable figures offer a head start to those who wish to design sustainable communities.



**Friedman, A., *A Place in Mind: The Search for Authenticity*. Véhicule Press, Montreal, 2010 (198 pp.). (Canadian Edition)**

A Place in Mind is the result of Avi Friedman’s worldwide quest for successful environments where people congregate and feel comfortable. Whether he writes of the conviviality of a teahouse in Istanbul; the public art of Nunavut’s capital, Iqaluit; the serenity of Assisi; the crowded streets of Hong Kong, the squatter settlements of Tijuana, or the architectural harmony of neighbourhoods in London and Amsterdam, Avi conveys his excitement at discovering people-friendly places.

Searching for good places – authentic ones – and wondering about the disappearance of others, are at the heart of A Place in Mind. The author reflects on the design of markets, the evolution of building methods, the need for historic preservation, the relationship between cities and suburbs and the unravelling of human relations in North America.



**Friedman, A. *The Nature of Place: A Search for Authenticity*. Princeton Architectural Press, New York, 2011 (191 pp.).**

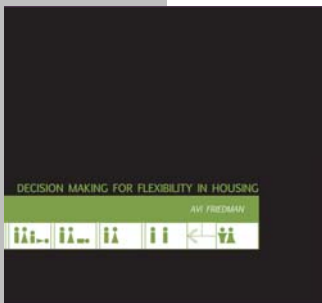
(Edited and illustrated world edition of *A Place in Mind*.)





**Friedman, A., *Narrow Houses: New Directions in Efficient Design*, Princeton Architectural Press, New York, 2010 (240 pp.).**

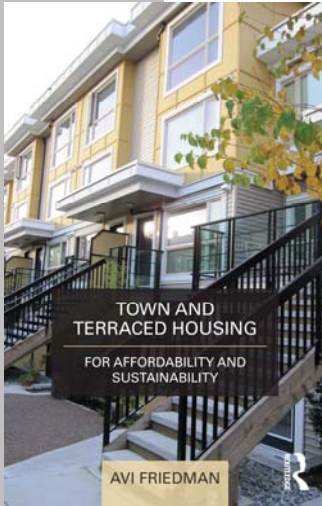
Since the beginning of the housing boom of the 1950s, the size of the average North American house has steadily grown, while the size of the average family has decreased. Today, a growing number of homebuyers seeking smaller, more efficient residential designs are rediscovering a centuries-old housing prototype: the narrow house. Measuring twenty-five-feet wide or less, these “infill” or “skinny” houses, as they are often called, are on the rise in cities and suburbs around the world. The benefits of building small and narrow are numerous: greater land-use efficiency, less building material, fewer infrastructure costs, lower utility bills, and flexible layouts. This building type creates environmentally sensible houses that allow homeowners to live within their means. *Narrow Houses* presents a thorough overview of the practical considerations of designing a narrow-front home, including siting, floor arrangements, footprint, and interior and exterior finishing. The book documents twenty-eight innovative examples of narrow houses from around the world, designed by today’s foremost architects. Project data, including floor plans and extensive interior and exterior photography demonstrate the inherent flexibility of this housing model and the many possibilities for adapting these homes to the constraints of site, climate, budget, family size, and other needs.



**Friedman, A., *Decision Making for Flexibility in Housing*, The Urban International Press, Gateshead, U.K., 2011 (136 pp.).**

The rapid pace of social evolution, emerging economic realities, technological innovation and environmental constraints require a design approach that permits greater flexibility in housing. First occupants or subsequent users should be able to easily modify their dwellings according to their ongoing needs throughout the residency.

In the book, award-winning architect and professor Avi Friedman offers an approach to decision-making for flexibility in residential design. The author guides the reader through a series of steps whose outcome helps identify users’ needs, to which architects and builders can fit a proper level of flexibility. The book is illustrated by case studies which apply those methods to “real world” residential projects.

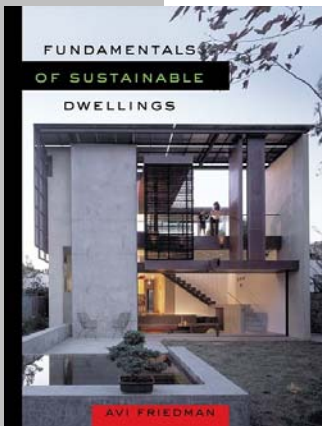


**Friedman, A., *Town and Terraced Housing*. Routledge, London, UK, 2011 (262 pp.).**

Recent societal changes have brought about renewed interest from architects, town planners, housing officials and the public in terraces and townhouses. The small footprint that this style of house occupies allows a sustainable high-density approach to habitation, slowing sprawl and creating energy-efficient affordable living.

Townhouses have been used for hundreds of years, and in *Town and Terraced Housing* their evolution is covered from their inception right up to the present day. With the changing demographics of buyers in mind, Avi Friedman details how the design of these houses can be adapted to keep up with contemporary needs.

Friedman uses a systematic approach to cover the many facets of townhouses from interior design and construction methods, to urban planning issues like adjusting to the site's natural conditions, street configurations and open spaces. This approach creates a book which will be a valuable resource for those involved in the planning, design and creation of terraces and townhouses. Over 150 detailed diagrams and plans, and 80 photos, illustrate the essential elements of this style of housing. In the final chapter, lessons learned throughout the book are drawn together in ten wideranging case study projects, showing how the various aspects can be put into practice.



**Friedman, A., *Fundamentals of Sustainable Dwellings*. Island Press, Washington, DC 2012 (255 pp.)**

*Fundamentals of Sustainable Dwellings* is a practical guide for every professional in the burgeoning field of residential green building. Friedman presents a concise overview of green building principles and examines critical aspects of green home construction, from siting to waste management options, and shows how they have been applied in contemporary projects.



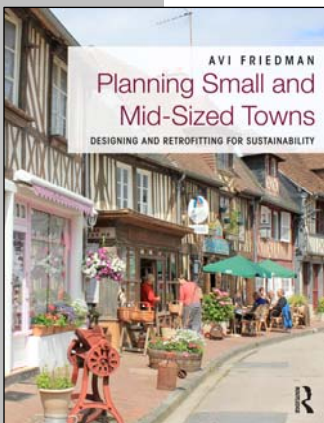
**Friedman, A., *Inspired Houses: Architecture for Changing Times*, Images Publishing, Victoria, Australia, 2013 (208 pp.).**

This book is about architectural challenges, solutions and their implementation by way of invention and innovation. Each chapter comprises an illustrated essay and is accompanied by a selection of award-winning homes designed by some of the leading international architects around today. Each project features lavish full-colour photography, detailed floor plans and informative descriptions of each project and the motivation behind the design.



**Friedman, A., *Innovative Houses: Concepts for Sustainable Living*, Laurence King Publishing, London, UK, 2013 (256 pp.).**

This book examines the latest residential design trends that have arisen in response to these challenges. Divided into four broad areas, tightly focused thematic chapters look at twenty topics such as live/work; adaptable housing; prefabrication; water efficiency; green roofs; and innovative landscaping. Each chapter includes an overview that lays out principles, methods and practices, and a close look houses that embrace these.



**Friedman, A., *Planning Small and Mid-Sized Towns: Designing and Retrofitting for Sustainability*, Routledge, New York, NY, 2014 (225 pp.).**

Small and mid-sized suburban towns house two-thirds of the world's population and current modes of planning for these municipalities are facing challenges of both philosophy and form. Common approaches that have prevailed in past decades no longer sustain new demands and require innovative thinking. Rather than dismissing small and mid-sized towns as unattractive suburban sprawl, *Planning Small and Mid-Sized Towns* offers ideas and methods on how small isolated and edge towns can be designed and retooled into sustainable, affordable, and adaptable communities.