

Earlier this fall, NCARB released *Security Planning and Design*. Later this fall, *Sustainable Design II* will be added to the NCARB monograph professional development series. Both of these monographs provide a wealth of information, as well as practical applications to help architects meet the demands of today's marketplace.

## New Monographs Help Architects Meet Demands for Secure & Sustainable Buildings

### ENHANCING SECURITY THROUGH DESIGN

Since the tragic events of 9-11 and the bombing of the Alfred P. Murrah Federal Building in Oklahoma, there has been an increasing demand to build more secure buildings and enhance the security of those already built. Today's designs must prevent and detect threats from criminal and terrorist acts aimed at the structure and their occupants. *Security Planning and Design* examines these security threats—threats that are intentional and originate in human action.

Comprising nine chapters, the monograph presents concepts, principles, and processes for incorporating enhanced security into the design of new and existing buildings. The first chapter explores contextual issues for security at regional, community, and local levels.

Subsequent chapters outline the process used to define security needs, explain concepts for making buildings more resistant to ballistic attacks, profile building security technologies, present methods for protecting

occupants from chemical, biological, and radiological contamination, and examine security and emergency operations. Hypothetical design examples are presented to demonstrate the application of security strategies and measures to selected building functions.

*Successful completion of the Security Planning and Design quiz earns 12 professional development units and/or AIA learning units in health, safety, and welfare.*

### GROWING DEMAND FOR GREEN DESIGNS

Substantial developments have taken place in the field of green building design since the 2001 publication of NCARB's *Sustainable Design*. Increasing concern about global climate change and ecological problems tied to construction and land use has expanded concern to a broad cross section of architects, contractors, developers, and owners. *Sustainable Design II* examines those developments and recent research on the benefits of green buildings.

Subsequent chapters explain different metrics used to assess a project's environmental and health impact related to energy, water, land use, materials, waste, and indoor environmental quality. The "Green Building Rating Systems" are reviewed, with a strong focus on the Leadership in Energy and Environmental Design (LEED) rating system and its growing number of "products" and application guides. Other rating systems available both in the United States and other countries are also reviewed.

The monograph examines the "Economics of Sustainable Buildings" and describes the life cycle costing method. A summary of three major studies on costs and benefits of green buildings provides the outcome of the most widely published information from the industry.

In the last section, the process of using a collaborative, systems-based "Integrated Design" is described, and the common barriers to this method are discussed. The benefits of integrated design are illustrated by a detailed case study. **DC**



### A CONTINUING EDUCATION RESOURCE

NCARB's monograph series provides a convenient, low-cost way for architects and other design professionals to learn about new developments in the industry and meet continuing education requirements. Current NCARB Record holders can earn PDUs in health, safety, and welfare for less than \$16 per unit. Payment covers the monograph, quiz, scoring process, and one free retest if needed. All passing scores are reported to the American Institute of Architects at no extra cost.

A full listing of NCARB monograph titles is available on the back cover. Visit NCARB's secure web site ([www.ncarb.org](http://www.ncarb.org)) to order a monograph quickly and easily.