



# Site Engineering for Landscape Architects

By Steven Strom, Kurt Nathan, Jake Woland

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**Site Engineering for Landscape Architects** By Steven Strom, Kurt Nathan, Jake Woland

Site Engineering for Landscape Architects

Fifth Edition

The leading guide to site design and engineering, now fully updated.

The leading choice for site engineering, planning, and construction courses, as well as for practitioners in the field, *Site Engineering for Landscape Architects, Fifth Edition* introduces the principles and techniques of basic site engineering for grading, drainage, earthwork, and road alignment. The Fifth Edition maintains the text's recognized quality, while revising its content to keep readers up to date with current technologies in the field of landscape architecture.

Introducing landform and the language of its design, the text explores the site engineering concepts essential to practicing landscape architecture today—from interpreting landform and contour lines, to designing horizontal and vertical road alignments, to construction sequencing, to designing and sizing stormwater management systems. Integrating design with the construction and implementation processes, the authors provide students with a progressive understanding of the subject matter.

This new edition expands its coverage of such current topics as sustainability, green roofs, bioengineering, and lightweight and structural soils. It also features new case studies, as well as inspiring graphics and color photos with real-world examples.

Perfect for use as a study guide for the most difficult section of the Landscape Architecture Registration Exam (LARE) or as a handy professional reference, *Site Engineering for Landscape Architects, Fifth Edition* gives readers a strong foundation for engaging in site development that is environmentally sensitive and intellectually stimulating.

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### **Editorial Review**

#### **From the Back Cover**

A user-friendly guide to site engineering terms, concepts, and procedures. Like its celebrated predecessors, this updated Third Edition of the classic work in the field serves three very important functions: It supplies landscape architects in training with the technical know-how needed to transform their design ideas into sites that are physically sound and environmentally sensitive. It arms them with a set of technical and ethical principles upon which to base their aesthetic choices. And it provides practicing site planners and architects with a valuable, single-source reference to current site engineering trends, practices, and regulations. Steven Strom and Kurt Nathan draw upon their extensive experience, both in the classroom and the field, to provide an integrated presentation of site engineering concepts relevant to the practice of landscape architecture. From interpreting landform and contour lines to designing horizontal and vertical road alignments, from construction sequencing to designing storm water management systems, they cover all the bases in a progressive format, designed to make it easier than ever for students to quickly master the terminology, principles, and practices involved in environmentally sound site engineering. They also include many real-world examples and skill-building exercises that further assist in reducing the learning curve.

#### **About the Author**

The late Steven Strom, FASLA, was Associate Professor of the Department of Landscape Architecture at Rutgers, The State University of New Jersey.

Kurt Nathan, MS, PE, is Professor Emeritus at Rutgers, The State University of New Jersey, and was formerly a consulting engineer for Conservation Engineering.

Jake Woland, ASLA, is a landscape architect with Hewitt in Seattle, Washington.

### **Users Review**

#### **From reader reviews:**

##### **John Harris:**

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##### **Lily Terry:**

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**Herbert Knight:**

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**Edward Reed:**

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