Landscape Site Grading Principles: Grading with Design in Mind

By Bruce G. Sharky

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A complete guide to site grading for designers and other visual learners

Grading With Design in Mind: Landscape Site Grading Principles is a comprehensive guide to grading, written specifically from the design perspective. Heavily illustrated and non-technical, this book meets the needs of designers and visual learners by presenting the principles and methods of site grading with less emphasis on engineering, and a strong focus on the effect on the overall aesthetic. Written by a professor in America's number-one ranked undergraduate landscape architecture program, the book guides readers step-by-step through the process of solving various grading problems in real-life scenarios.

Landscape designers, landscape architects, and engineers need to have a deep understanding of site grading as the foundation of any project. Grading plans must not only solve practical requirements, but also create landforms that contribute to the aesthetic ambition of the overall site and architectural design concept. *Grading With Design in Mind* takes a highly visual approach to presenting modern grading techniques and considerations, providing designers the guidance they need to become competent in site grading while understanding the design implications of the subject. Features include:

- Numerous illustrations to support the text
- Step-by-step examples
- Professional grading plans

Studying the professional grading plans helps readers better understand the real-world application of grading principles in different situations. Site grading is a complicated topic with plenty of on-site variables, but *Grading with Design in Mind* breaks it down into clear, concise instruction with value to both professionals and students in the field of landscape design.

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Editorial Review

From the Back Cover

The Visual, Practical Guide to Site Grading by Design

Landscape Site Grading Principles: Grading with Design in Mind is written specifically from the design perspective, with less emphasis on engineering and a strong focus on overall aesthetics. Heavily illustrated and non-technical, this book provides a comprehensive understanding of the principles and methods of site grading, with step-by-step guidance and a real-world focus that helps readers tackle the many on-site variables.

Grading plans must solve practical requirements, but must also contribute to the aesthetic ambition of the overall site and architectural design concept. This visual guide helps readers translate design implications into a practical, workable grading plan and enable them to:

- Understand the processes and legal requirements of site grading
- Practice using standard drawing conventions and scale
- Speak the language of maps, using contours and coordinates
- Calculate slope, spot elevations, and cut and fill volumes
- Examine detailed professional examples of grading by design

By breaking this complex topic down into clear, concise instruction, *Landscape Site Grading Principles* provides value to both students and professionals in the field of landscape design.

About the Author

Bruce Sharky, FASLA, is a Professor of Landscape Architecture at the Robert Reich School of Landscape Architecture at Louisiana State University. He served as Principal Landscape Architect for wildlife habitat and landscape restoration for the 860-mile Trans-Alaskan Oil Pipeline, and his Master's thesis at the University of California, Berkeley, was the basis for legislation that established the California Coastal Commission. Bruce's current focus is on informing design through culture and environment, and non-structural approaches to planning natural disaster-resilient communities.

Users Review

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