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Autore	Kavanagh Barry F.
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Edizione	[Eighth edition. Global edition.]
Descrizione fisica	1 online resource (619 pages, 5 unnumbered pages of plates) : illustrations (some colour), maps
Disciplina	526.9
Soggetti	Building sites Surveying
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	"Always Learning"--Cover. "Authorized adaptation from the United States edition, entitled Surveying with construction applications, 8th edition, ISBN 078-0-132-76698-2, by Barry F. Kavanagh and Dianne K. Slattery, published by Pearson Education ©2015"--copyright page.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I. Surveying principles -- 1. Surveying fundamentals -- 2. Surveying mathematics -- 3. Tape measurements -- 4. Leveling -- 5. Electronic distance measurement -- 6. Introduction to total stations and theodolites -- 7. Total stations -- 8. Traverse surveys and computations -- 9. Satellite positioning -- 10. An introduction to geomatics -- 11. Horizontal control surveys -- Part II. Construction applications -- 12. Machine guidance and control -- 13. Highway curves -- 14. Highway construction surveys -- 15. Municipal street construction surveys -- 16. Pipeline and tunnel construction surveys -- 17. Culvert and bridge construction surveys -- 18. Building construction surveys -- 19. Quantity and final surveys.
Sommario/riassunto	For all surveying courses in Construction Management, Construction Science, Construction Technology, Civil Engineering, Civil Engineering Technology, Survey Engineering, Resources Engineering and Technology programs. The complete, up-to-date guide to modern surveying for construction and engineering -- now with additional review coverage of all relevant math. Known for its state-of-the-art

coverage and clear, concise approach, *Surveying with Construction Applications, Eighth Edition* covers the latest advances and foundational principles of surveying. Covering both principles and a wide range of contemporary applications, it is well-suited to Fundamentals courses, Applications courses, or both. Revisions focus on recent improvements in instrumentation technology, field data capture, and data processing, describing how these change the way surveyors interact with construction professionals and engineers. The authors emphasize sound measurement technique and accurate documentation throughout. To overcome the limited math skills brought by many new students, they have added an easy-to-read math review chapter, preparing students for all relevant construction layout computations.
