1. Record Nr. UNINA9910132215703321 Autore Ching Francis DK Titolo European building construction illustrated / / Francis DK Ching, Mark Mulville Pubbl/distr/stampa Hoboken, New Jersey; ; West Sussex, England:, : John Wiley & Sons, , 2008 ©2014 **ISBN** 1-118-78622-X 1-118-78617-3 1-118-78671-8 Descrizione fisica 1 online resource (474 p.) Disciplina 692 692.5094 692/.5/094 Soggetti House construction - Standards - European Union countries Standards, Engineering - European Union countries Normes tècniques Construcció **Edificis** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Cover; Title Page; Copyright Page; Contents; Preface; 1 THE BUILDING SITE: Building in Context; Sustainability; Green Building; BREEAM; BREEAM; LEED Green Building Rating System; LEED; Carbon Reduction Strategies; Climate Change & Global Warming; The Passive House Standard; Passive House; Considerations; Site Analysis; Soils; Soil Mechanics; Topography; Plant Materials; Trees; Providing Shade; Serving as Windbreak; Defining Space; Directing or Screening Views; Attenuating Sound; Improving Air Quality; Stabilising Soil; Solar Radiation; Cool Regions; Temperate Regions; Hot-Arid Regions Hot-Humid RegionsPassive Solar Design; Direct Gain; Indirect Gain; Sunspace: Roof Pond: Isolated Gain: Solar Shading: Daylighting:

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## Sommario/riassunto

The first European edition of Francis DK Ching's classic visual guide to the basics of building construction. For nearly four decades, the US publication Building Construction Illustrated has offered an outstanding introduction to the principles of building construction. This new European edition focuses on the construction methods most commonly used in Europe, referring largely to UK Building Regulations overlaid with British and European, while applying Francis DK Ching's clear graphic signature style. It provides a coherent and essential primer, presenting all of the basic concepts