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# Alternative Construction: Contemporary Natural Building Methods

By Cassandra Adams, Lynne Elizabeth

Wiley, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: FOREWORD (Bob Berkebile, FAIA; Sim Van der Ryn) PREFACE. ACKNOWLEDGMENTS. Part I. DESIGN PRINCIPLES. 1. Introduction. The Natural Building Movement (Lynne Elizabeth). The Realities of Specifying Environmental Building Materials (Cassandra Adams). 2. A New Context for Building Codes and Regulation (David Eisenberg). 3. Natural Conditioning of Buildings (Ken Haggard, Polly Cooper, and Jennifer Rennick with assistance from Phil Niles). 4. Structural Properties of Alternative Building Materials (Bruce King, P.E.). PART II. SYSTEMS AND MATERIALS. 5. Adobe (Michael Moquin). 6. Cob (Michael Smith). 7. Rammed Earth (David Easton). 8. Modular Contained Earth Earthbag (Joseph Kennedy and Paulina Wojciechowska with special acknowledgment of the work of Nader Khalili). Earth-Rammed Tires (Michael Reynolds). 9. Light Clay (Robert Laporte and Frank Andresen with special acknowledgment of the work of Franz Volhard). 10. Straw-Bale (Kelly Lerner, Bob Theis, and Dan Smith). 11. Bamboo (Darrel DeBoer and Karl Bareis). 12. Earthen Finishes Earth Plasters (Carole Crews). Earth Floors (Bill and Athena Steen). Part III. APPLICATIONS. 13. Integrated Systems with Rammed Earth Charles Sturt University, Thurgoona Campus, New South Wales, Australia (Marci Webster-Mannison). 14. Straw, Clay, and Carrizo Obregon Project, Northern Mexico (Bill and Athena Steen). 15. Light-Clay House Additions School/Residence in Wisconsin (Lou Host-

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