

10<sup>th</sup> Edition - based on FBC 2020

# Energy Efficient Building Construction in Florida

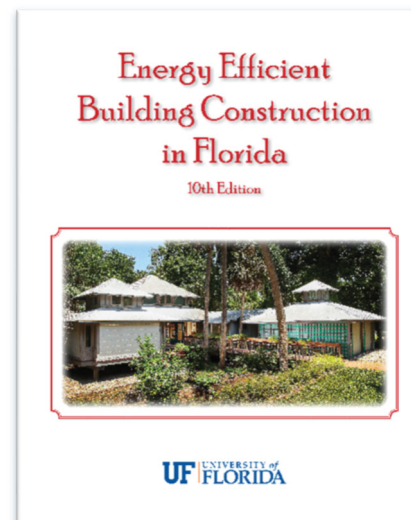
By Craig Miller, James Sullivan and Sherry Ahrentzen

Published by the University of Florida



An overview of key building features that affect building performance. Where appropriate, provisions of the Florida Energy Conservation Code are included. The book is a collaborative effort between the Program for Resource Efficient Communities, the Shimberg Center for Housing Studies, and the M.E. Rinker, Sr. School of Construction Management. Topical areas addressed are:

- Siting and Passive Design Features
- The Building as a System
- Air Leakage – Materials and Techniques
- Insulation – Materials and Techniques
- Windows and Doors
- Heating and Ventilation
- Duct Design and Sealing
- Domestic Water Heating
- Appliances and Lighting



The intent of this book is to guide designers and builders in ensuring that new and remodeled buildings, at a minimum, meet the *Florida Building Code-Sixth Edition (2017)* with regard to energy efficiency. It is hoped that many of the strategies and techniques included in this book, which in many cases go beyond required code, become standard practice in the construction or remodeling of buildings in Florida.

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