



## Design, Fabrication, and Installation of Engineered Panelized Walls: Two Case Studies

By -

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Through intensive roadmapping with leaders in the housing industry, the Partnership for Advancing Technology in Housing Program (PATH) identified panelized wall construction as presenting significant opportunities for improving housing quality, safety, and affordability. While panelized wall construction is a well-known building technology, it has seen only limited use and its benefits are largely untapped. In part, this situation may be a result of technical and procedural barriers to optimum use of panelized wall systems. This publication, Design, Fabrication, and Installation of Engineered Panelized Walls: Two Case Studies, provides an evaluation of current technology used in the design, fabrication, and installation of panelized wall systems, including engineered wood frame walls and an innovative steel frame wall system. In addition, procedures used for regulatory approval and, ultimately, the delivery of products and services associated with panelized wall construction are documented. Where appropriate, recommendations for improved technology and procedures are provided. The two case study projects provided a real world evaluation of existing panelized wall systems used in the home construction industry. One case study, a custom-home, was located in an...



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