



SEMINAR

MASONRY & ENERGY CODES – EFFECTIVE ENERGY COMPLIANCE

WHEN:	Friday, September 20, 2019 7:00 a.m. to 11:30 a.m. Full breakfast is included
WHERE:	Pearl Country Club 98-535 Kaonohi Street Aiea, HI 96701
COST:	\$15.00
PARTICIPANTS:	Design Architects and Engineers
SPEAKER:	Dr. W. Mark McGinley , Ph. D PE, FASTM, FTMS
AIA CES CREDITS:	4 Units

Dr. W. Mark McGinley is a Professor and Endowed Chair for Infrastructure Research, Civil and Environmental Engineering, J. B. Speed School of Engineering, University of Louisville. He is a registered Structural Engineer with 25+ years of research and forensic engineering practice in building systems. Dr. McGinley is the foremost expert in masonry building envelopes, structural performance of masonry walls and water penetration.

The 2015 International Energy Conservation Code (ICC, 2015) requires insulation to be added to the exterior of masonry and concrete walls in order to comply with the minimum R-value requirements.

Dr. McGinley's research has indicated that concrete and masonry walls with an exterior reflective coating can provide an equivalent R-value based on the exception that the MIH/MCAH is seeking.

Participants in **Session 1** will be able to: (1) describe alternative design procedures for masonry/concrete veneers in TMS 402, (2) present an example of rational veneer design and, (3). Present a sample shelf angle design. **Session 2:** Understand the prescriptive energy code compliance methods as they apply to exterior masonry/concrete walls, (2) list additional resources available for assisting with energy code compliance and, (3) contrast prescriptive energy code compliance with whole building analysis. **Session 3:** Understand the prescriptive energy code compliance methods as they apply to exterior masonry/concrete walls in Hawaii, including tradeoff analysis and understand how to configure uninsulated masonry/concrete walls to achieve code compliance. Complete course description is attached.

NOTE: Deadline for registration is **Monday, September 16, 2019.**

Checks (Payable to MIH) or cash to:

Masonry Institute of Hawaii

Mass Wall Seminar

95-1030 Meheula Parkway #892711

Mililani, HI 96789

Please contact **Rod Haraga at 808-782-8661** for additional information