

CONTEMPORARY BAMBOO ARCHITECTURE IN ASIA

Mark Emery from Bambooroo

107, San Pong, Mae Rim District, Chiang Mai 50180, Thailand

Phone: +66 80 954 0328 www.bambooroo.net

bambooroo@gmail.com

Abstract

Bambooroo continues to push the limits for bamboo in architecture and construction in residential and resort architecture in Asia, where the building codes allow the execution of various modern architectural concepts including surface active shell structures, arched buildings and post and beam domed rooftops.

Key themes to be addressed within the construction processes include techniques and details executed in the construction of organic architectural forms that combine bamboo with mainstream materials like steel and concrete to achieve contemporary structural concepts.

Also, Mark will provide an analysis of roofing materials to compare and contrast suitable materials and design details for tropical architecture; coconut thatch, bamboo shingle, membrane canvas and green roofs all have their place within the required outcome and program for the constructions.

The presentation will be accompanied with still photos and video footage from the air via the use of drone cinematography to give the viewer an original perspective to clearly depict the architecture within the environment.



Theme: Architecture, Engineering and Social Housing



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