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Docket Number:	19-BSTD-11
Project Title:	Exceptional Compliance Method – BamCore Prime Wall
TN #:	232211
Document Title:	In support of BamCore's Dual Panel Hollow Wall
Description:	N/A
Filer:	System
Organization:	Lucas Morton
Submitter Role:	Public
Submission Date:	2/24/2020 2:54:25 PM
Docketed Date:	2/24/2020

*Comment Received From: Lucas Morton
Submitted On: 2/24/2020
Docket Number: 19-BSTD-11*

In support of BamCore's Dual Panel Hollow Wall

I am writing in support of Bamcore's application under Section 10-109 of the Energy Code. I have seen the product and also heard interest on behalf of multiple architects and builders with whom I work-- each remarking on not only the sustainability and energy efficiency features of the system, but also the 'buildability' of it. In my conversations with them, the key lacking feature was a reasonable way to model it for compliance in a way that would accurately and reasonably account for its features. The 'safe workaround' currently used pushes costs for compliance onto other parts of the building envelope and HVAC systems and it is usually just a bit too much for a system that isn't client-driven. I am especially impressed with the application and its thoroughness with regards to changes to the CBECC-Res compliance engine and adaptation of the QII protocol.

Beyond energy efficiency, an especially attractive feature of this product is its use of a rapidly renewable resource (bamboo) in an assembly which greatly reduces framing factor and associated thermal bridging without using foam-plastic insulation products, which often use high-GWP blowing agents and brominated flame retardants. As we look into the longer distance on 'embodied carbon' it stands to reason that systems like Bamcore's dual panel hollow wall system should be an important tool in the arsenal. I encourage the commission to approve this application.

Cordially,
Luke Morton
Fergus Garber Architects and Pete Moffat Construction
Certified Energy Analyst
CABEC board member