

Don't be a Dope about the Envelope (lessons learned and nine habits revisited)

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ABSTRACT

We have a good, if rather labyrinthian, energy code in NYS. If only it were taken more seriously we would save many kBtu's of energy and reduce tons of emissions as well as create comfortable and durable buildings. Lack of understanding of compliance and a basic understanding of how envelopes can reduce heating and cooling energy losses prevent many building designers and contractors from making better performing buildings. Jodi & Jim will share nuggets of knowledge, insightful ideas and lamentable lessons of how building envelopes work.

- Stories will help to identify, yet again, the 9 habits of effective greenies and how to apply these habits to your work.
- We will include an overview of the NYS Energy Code including compliance paths, R-value and U-factor prescriptive requirements, the detailing of effective air barriers, how to minimize thermal bridging, and more.
- Gain practical take-aways and realize that creating high-performance buildings can be fun!

BIOGRAPHY

Jim is passionate about a team approach to creation of high-quality buildings. He seeks to bridge the traditional siloes that exist in the design and construction realm, to inform projects and improve energy efficiency and performance. He is a trained presenter and has published and presented on the role of structural engineer in addressing embodied carbon and thermal performance.

Jodi believes the path to greater comfort and performance in buildings will come with greater collaboration, sharing of lessons learned, and a commitment of continual improvement. An approachable speaker, she helps people to see their own insights and build upon them. She works extensively on greening NYS government operations, advising and contributing to climate and resiliency policies, and greening building projects.