

## How much do you know about energy code as it relates to building envelopes?

If you know less than your third grader knows about calculus, it might be time for a refresher. That goes double for those companies planning an expansion, renovation or new construction project. Consider these top three tips for navigating current energy code regulations from the Design-Build experts at A M King.

## Navigating Current Energy Code Regulations

### **Determine current energy code in the project location.**

Consult with your local jurisdiction to determine whether it enforces [IECC](#) or [ASHRAE 90.1-2016](#) and if it offers variance to the standard code. Large cities with high density construction and industry may have more strict interpretations than a smaller municipality.

### **Don't assume that the materials that have always been used should be used again.**

Plans for a typical floor-stack distribution facility in the Northeast would probably incorporate insulated precast skin. Why not consider switching to IMP, which would improve thermal efficiency during the winter, and potentially offer a quicker schedule and cost-effective budget.

### **What are the driving factors for the facility?**

Energy code can also influence the goals a company owner has set for the building. For example, employee comfort might dictate a conditioned space with increased insulation factored into the skin. A tight schedule might control the choice of readily available materials that would allow multiple trades to work simultaneously. Building footprint may also determine the best type of building skin to use.

#### **A M King**

is an integrated Design-Build firm based in Charlotte, NC that consistently and successfully delivers quality projects throughout the United States.

