Insulate the Entire Shell ~Attic to Footer

(From the ABCs of Energy Efficiency)

OBBS Code Training Course Description: Course # BBS2007-257
Approved for BO, MPE, BI, MI, RBO, RPE, RBI - 2hrs

Introduction:

The ABCs series of workshops are developed as 2hr sessions but can be added or even combined as an 8hr session covering all aspects of Integrating Building Performance and Energy Codes.

The presentation approach incorporates actual buildings through photos and graphics to make the principles come alive for the participants and relate the subject to what they are seeing and experiencing every day. From our statewide audit efforts, I have a library of visuals and experiences assisting builders with unique locally based challenges. I have seen success and failure in the field and can share the lessons learned.

Materials will include session handouts and text materials developed during my training and technical assistance efforts with builders, code officials, and with home energy raters. In addition, I recommend a copy of the EEBA *Builder's Guide* and *Water Management Guide* be made available for each of the workshop attendees. Materials from these excellent resources are used during the course of the presentations. Content may be shifted slightly to highlight specific issues of importance to each group.

Agenda:

Introduction to the Course: (10 minutes)
The instructor will introduce himself and provide an overview of the course, text materials and housekeeping/logistical issues.

Insulate the Entire Shell – Attic to Footer (110 minutes)

Insulation – the holy grail of code compliance
Surveys the various required levels of insulation to meet code compliance

Insulation as Properly Installed
Examines the techniques of proper installation to achieve performance

Course Outline:

1. Insulation & Code Compliance
1.1 RECA – the prescriptive package
1.2 REScheck – the tradeoff approach
1.3 REM/*Design* – the performance path
1.4 Cost effective insulation strategies
1.5 More is better, some is best

2. Insulation properly installed
2.1 Problem vaulted ceilings
2.2 Troublesome kneewalls
2.3 Failed bonus rooms
2.4 Cold foundations
2.5 Increased cost of poor performance
2.6 Increased risks with poor performance
2.7 Constructing walls that work

Paul Rimelspach ENERGY DESIGNED HOMES[SM] a dba of Rimelspach Ent. Inc. 165 Brennan Dr Granville OH 43023-9285
Ph: 614-432-HOME (4663) Fax: 866-271-5369 Email: Paul@Rimelspach.com Web: www.EnergyDesignedHomes.com