

## Field, Mike

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**From:** Darrel Behrent <darrelalaska@aol.com>  
**Sent:** Friday, September 13, 2013 9:03 AM  
**To:** Cook, David  
**Subject:** 2012 IECC  
**Attachments:** R-value calculation.pdf

There seems to be a lot of concern regarding Table R402.1.1 that shows a requirement for a layer of R-5 insulating sheathing in addition to the batt insulation.

It is my understanding that the R-5 board is only required if Table R402.1.1 is used to determine the R-value of a wood frame wall but may or may not be required under the U-factor alternative of Section R402.1.3. As per the attached calculations it appears that a wood framed wall using 2 x 6 framing with studs spaced at 24" or 16" O.C. using R-19 batt insulation in the stud cavity meets the requirements of Table R402.1.3 without R-5 insulating sheathing.

I do not find anything in the IECC 2012 other than Table R402.1.1 that requires the use of insulating sheathing board.

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