BUILDING SCIENCE LIVE

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Connecting the Dots: Detailing for Better Wood-Frame Buildings

James Higgins, AScT Building Science Technologist

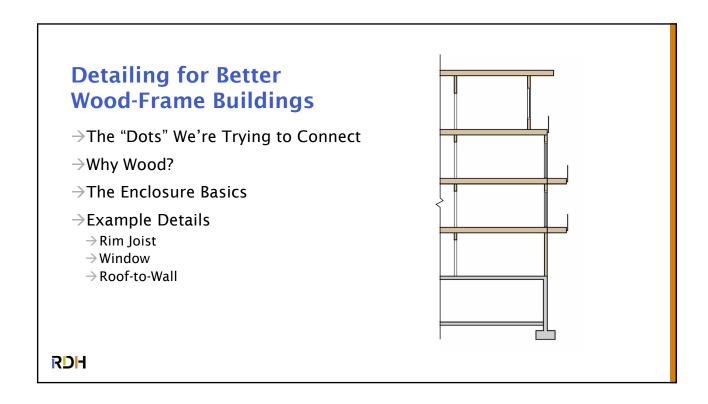


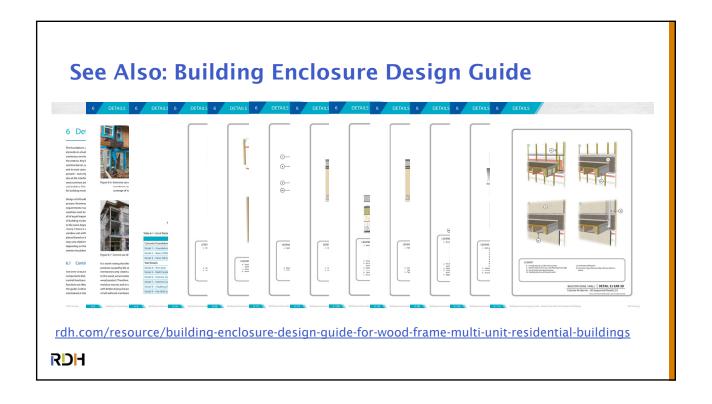


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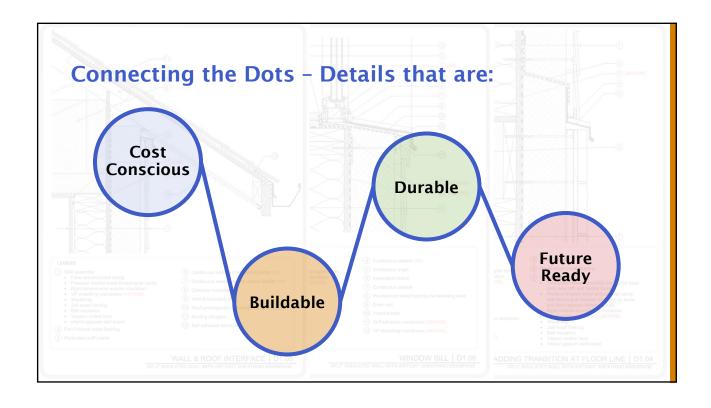
Detailing "Dots"

- →Centuries old technology
- →21st century demands
- →"How we've always done it"
- →New materials and methods
- → Performance and cost balance
- →Taller, stronger, faster buildings



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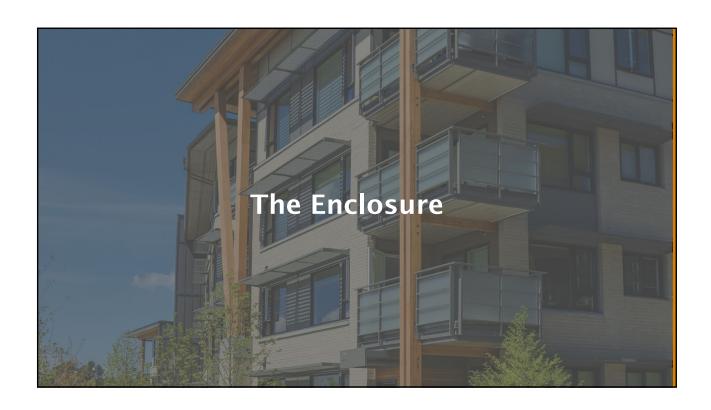
Why Wood?

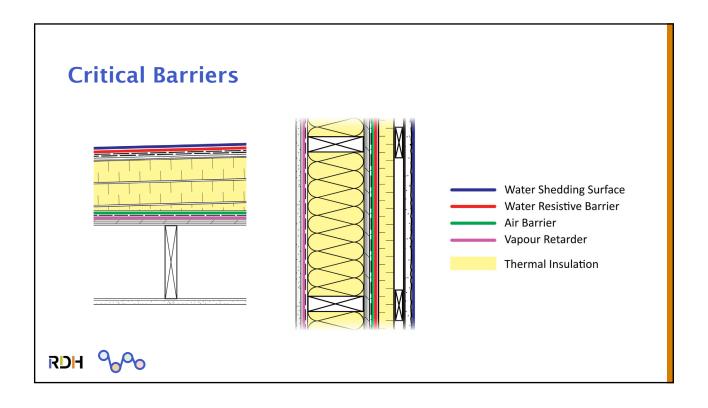
- → Softwood Lumber Coniferous Trees
- → High strength to weight ratio
- \rightarrow Economical
- →Easy to work with
- →Carbon sink
- \rightarrow Low thermal conductivity
- →Moisture tolerant
- \rightarrow Airtight

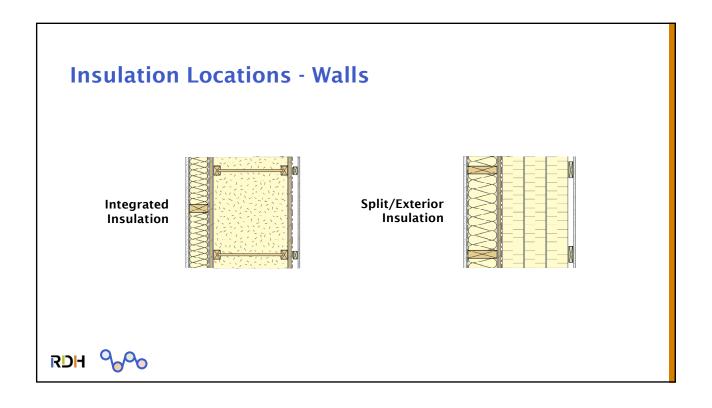


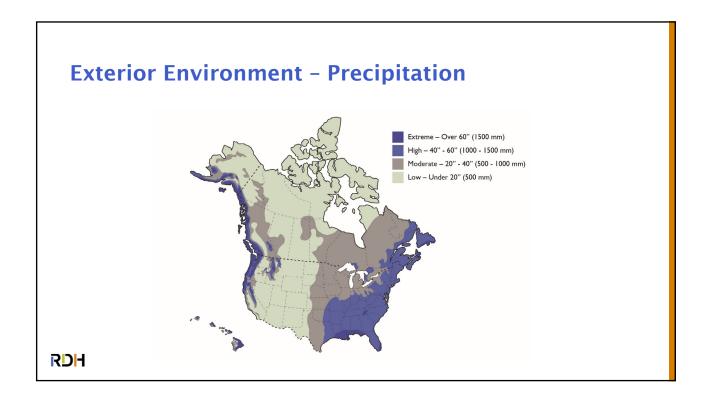


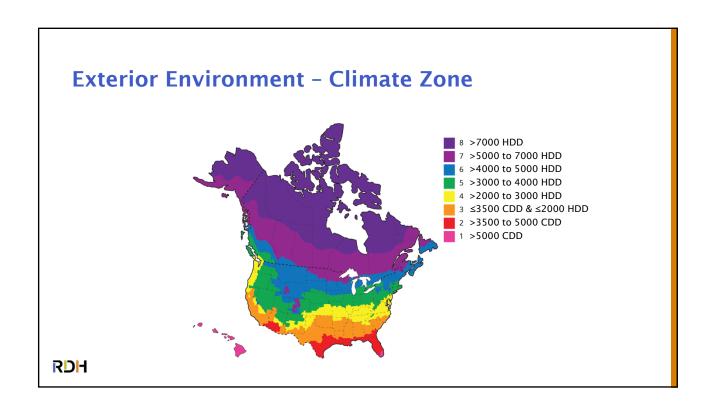


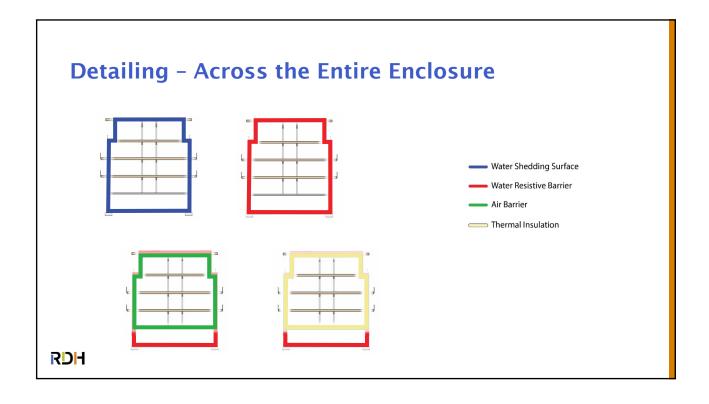


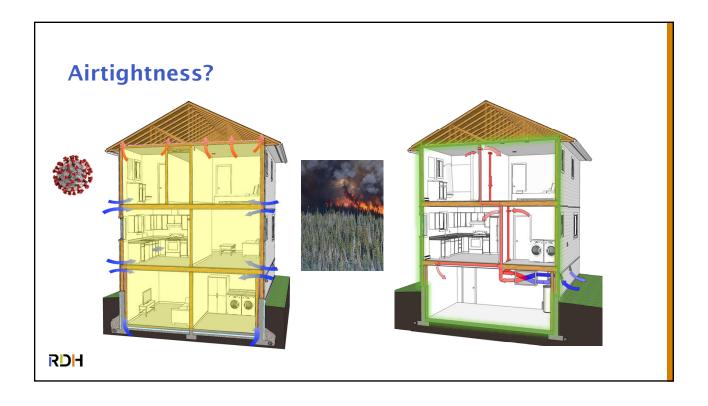


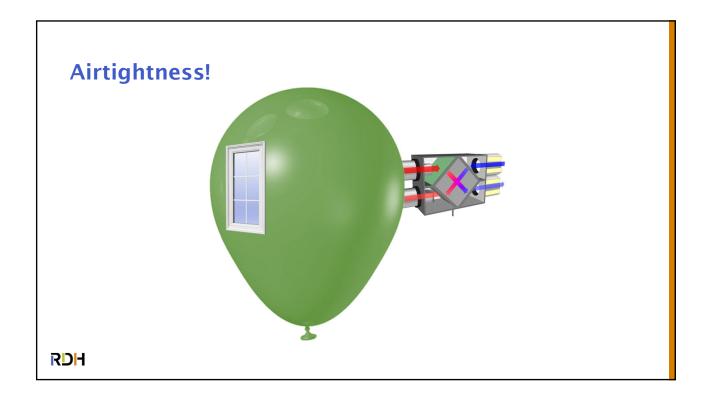








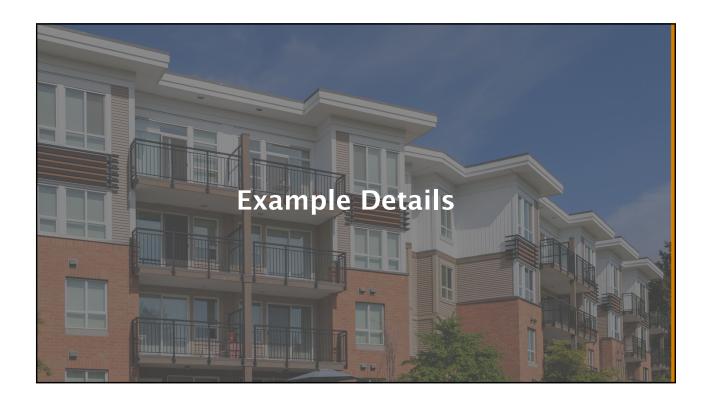


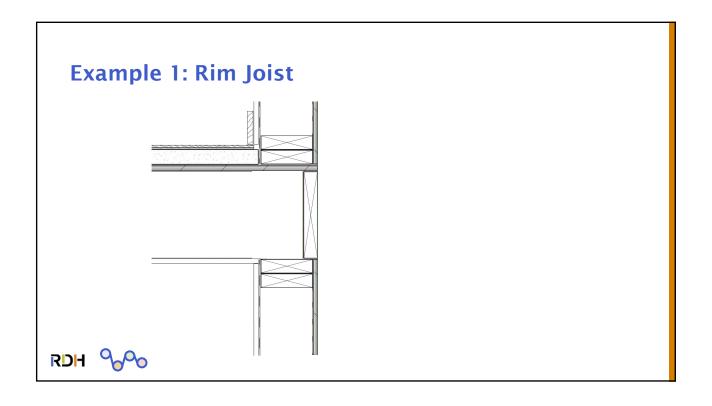


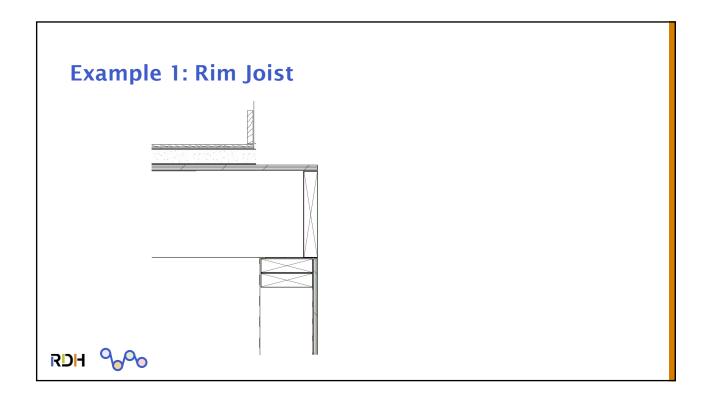


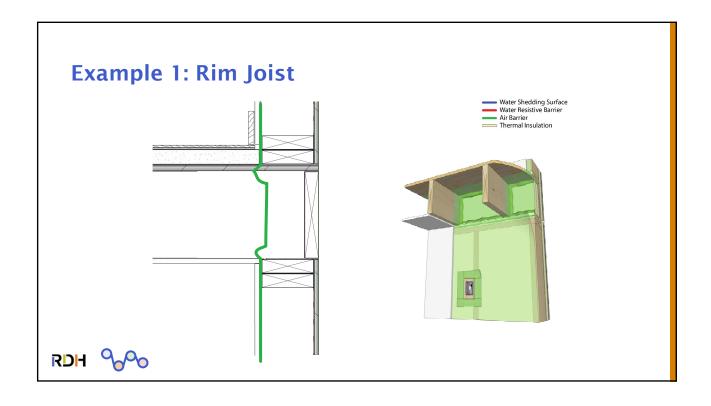


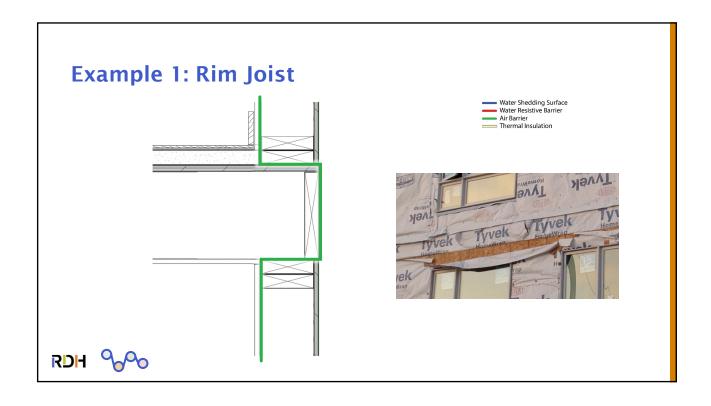


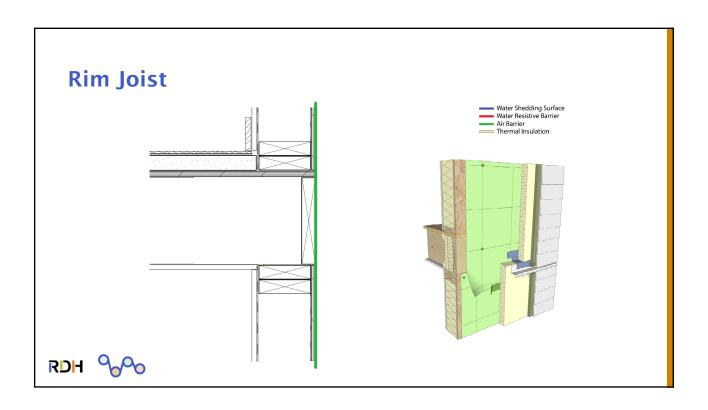


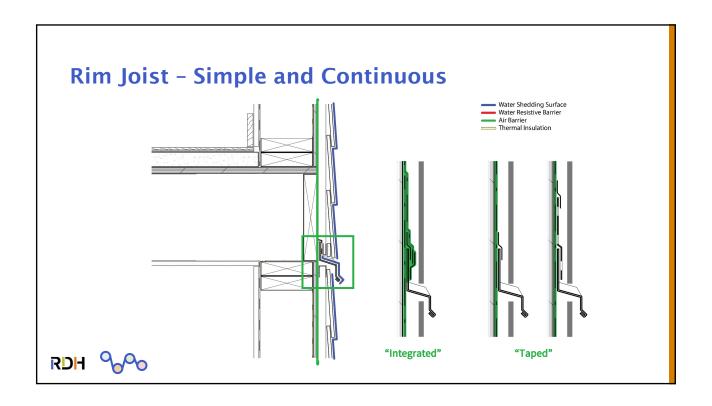


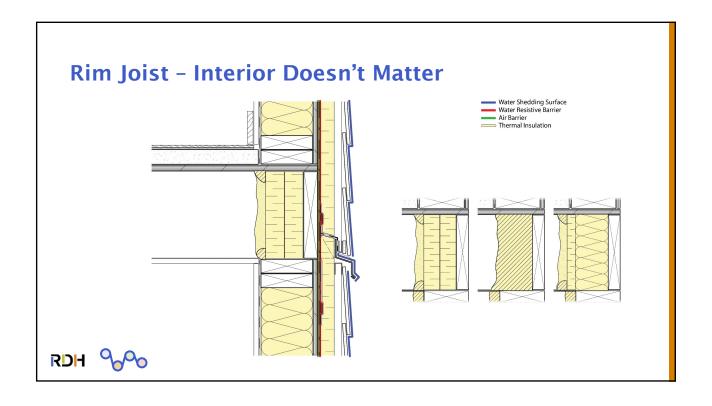


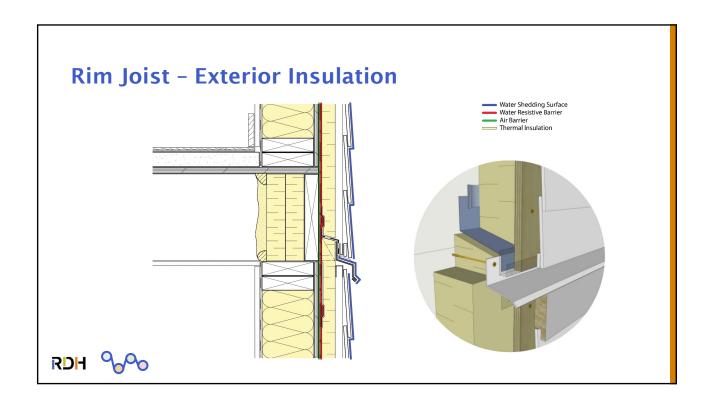


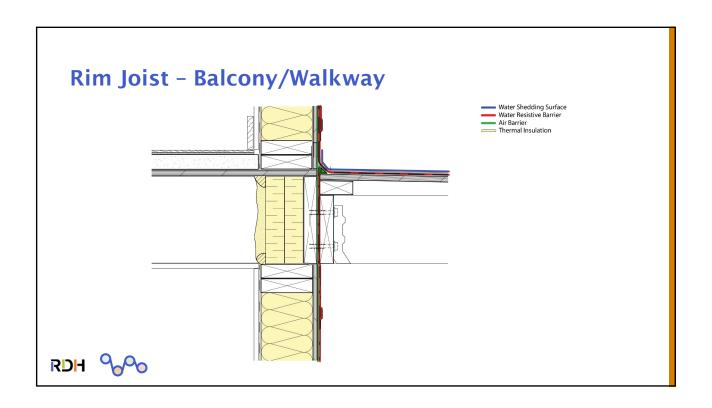


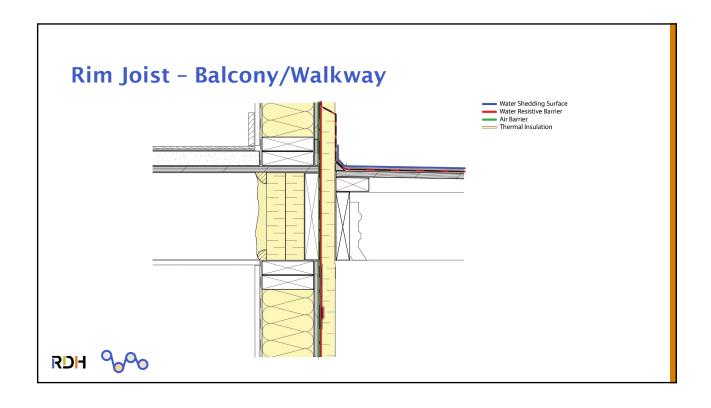




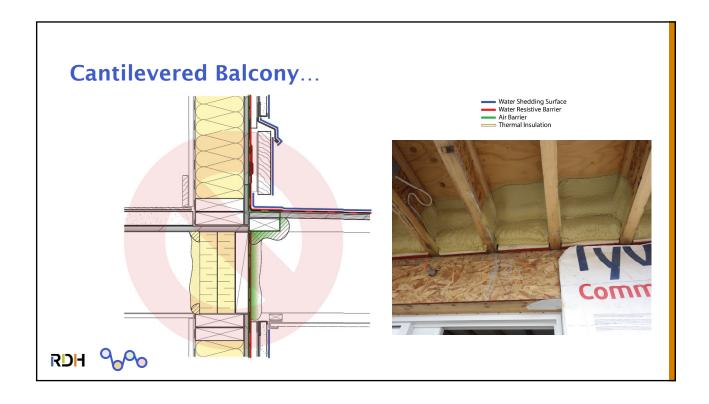






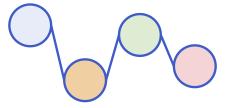






Detailing to Connect the Dots:

- →Use conventional materials
- →Study the sequencing and "decouple"
- → Prioritize continuity
- →Be ready to ask for more from the details



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