

Life is Tough Enough As it Is...

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Joseph Lstiburek 2

Life is Tough Enough As it Is... It's Harder When You Are Stupid

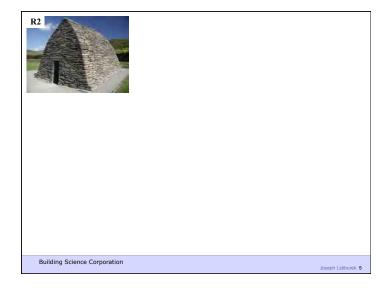
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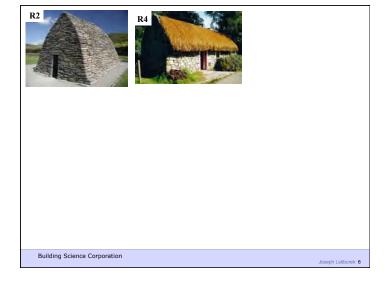
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Don't Do Stupid Things

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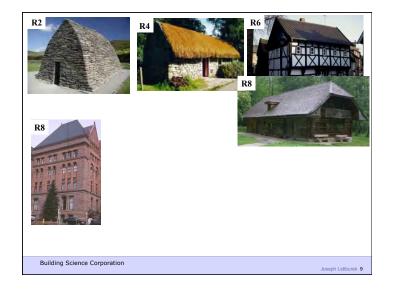
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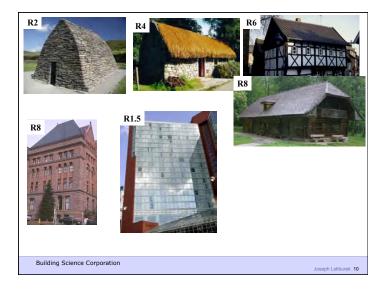


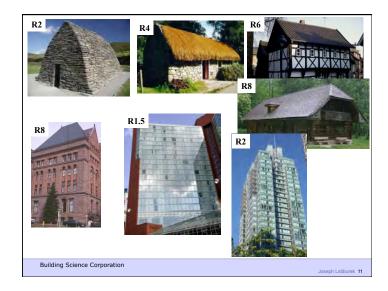












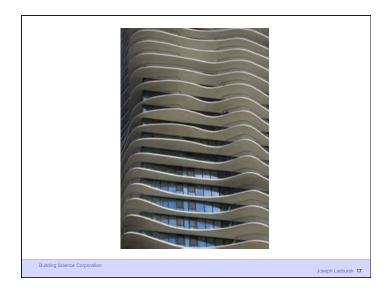


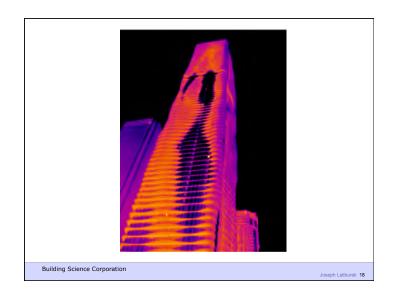


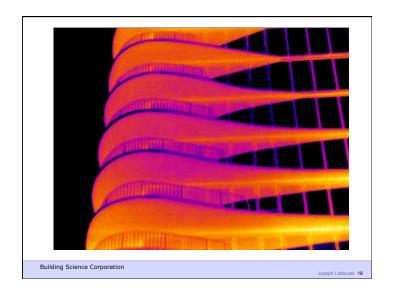


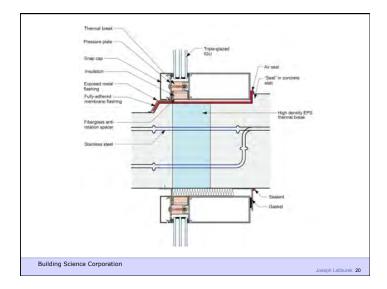


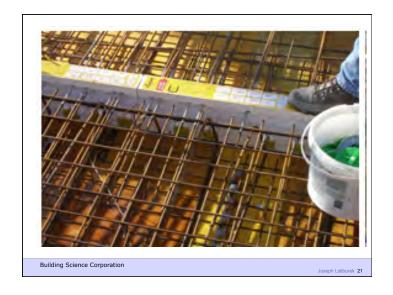














What Is A Building?

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Environmental Separator

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- Control heat flow
- Control airflow
- Control water vapor flow
- Control rain
- Control ground water
- Control light and solar radiation
- Control noise and vibrations
- Control contaminants, environmental hazards and odors
- Control insects, rodents and vermin
- Control fire
- Provide strength and rigidity
- Be durable
- Be aesthetically pleasing
- Be economical

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Heat Flow Is From Warm To Cold Moisture Flow Is From Warm To Cold Moisture Flow Is From More To Less Air Flow Is From A Higher Pressure to a Lower Pressure Gravity Acts Down

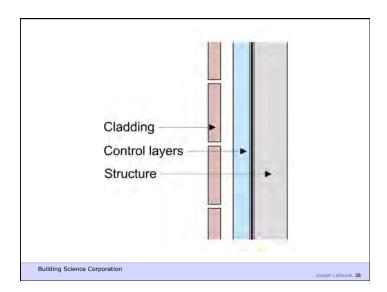
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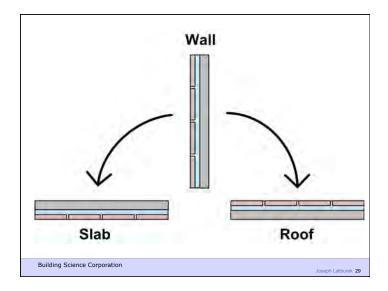
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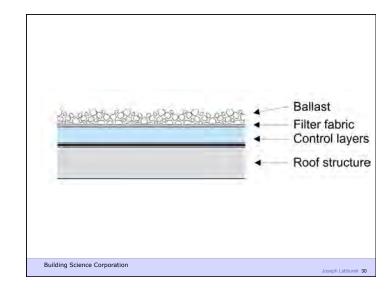
Water Control Layer Air Control Layer Vapor Control Layer Thermal Control Layer

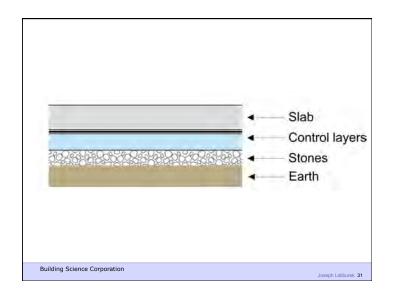
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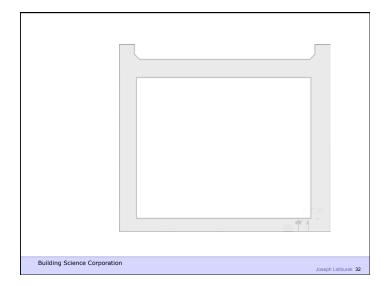
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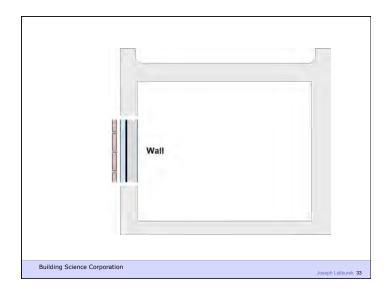


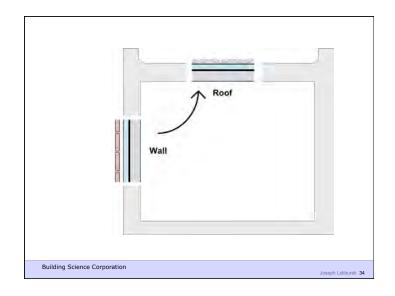


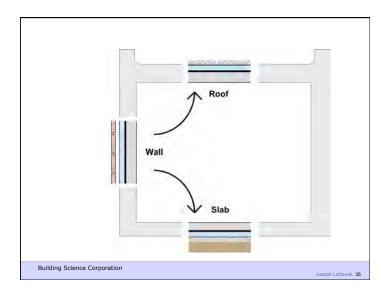


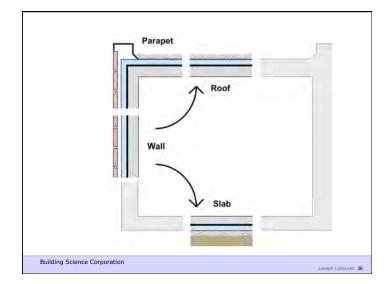


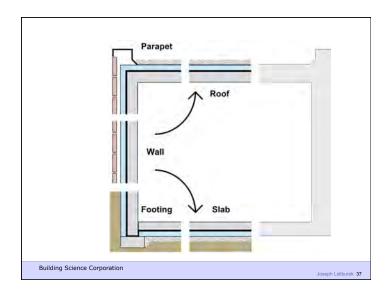


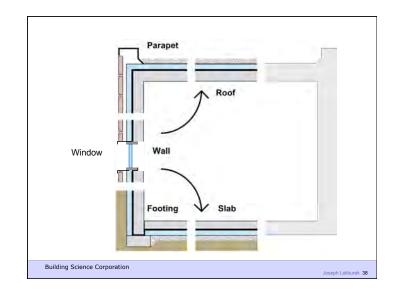


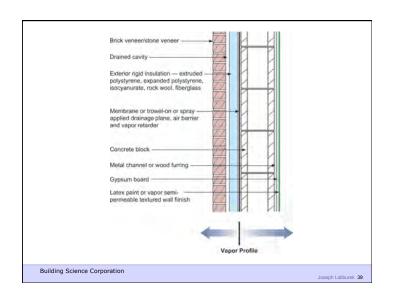


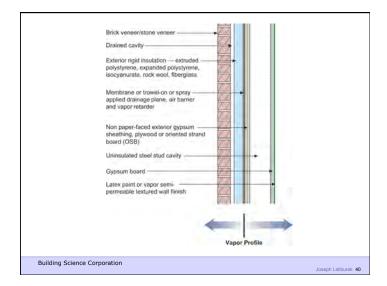


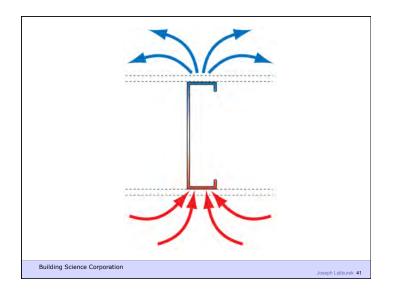




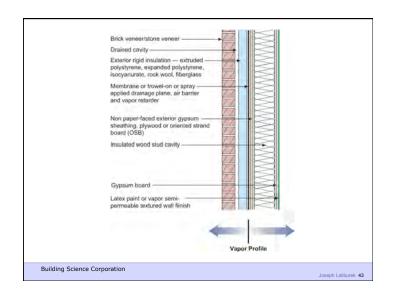


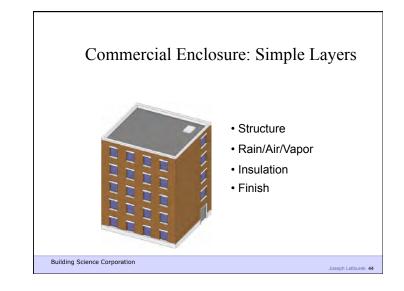


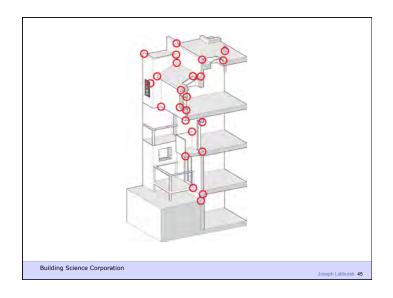


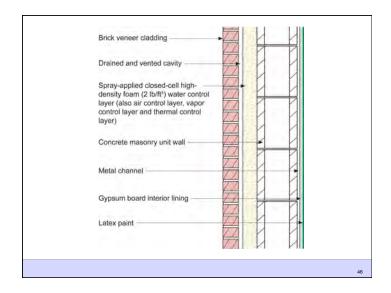


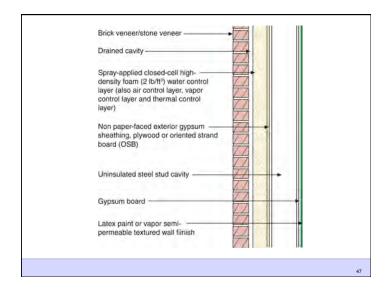


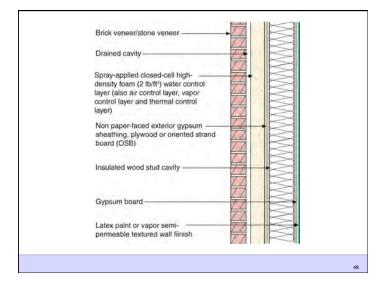


























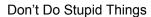












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