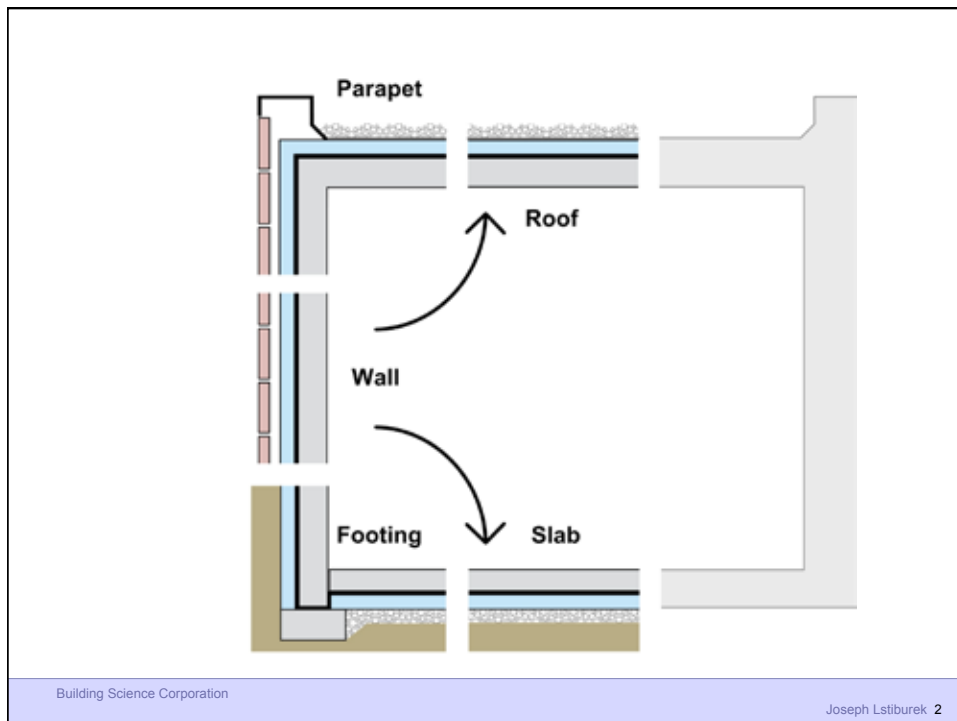


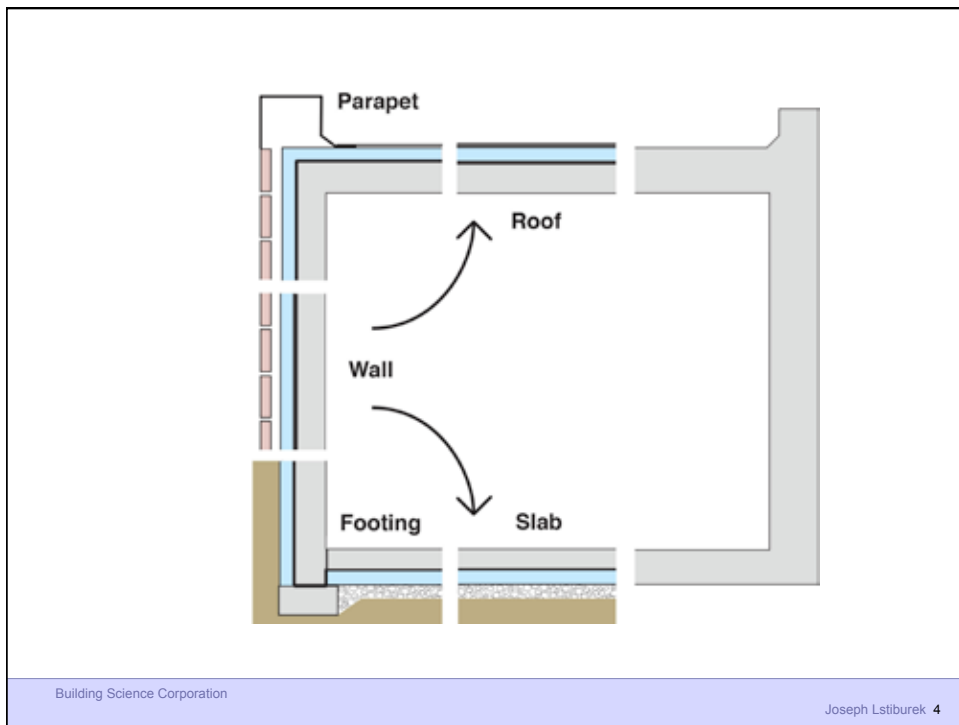
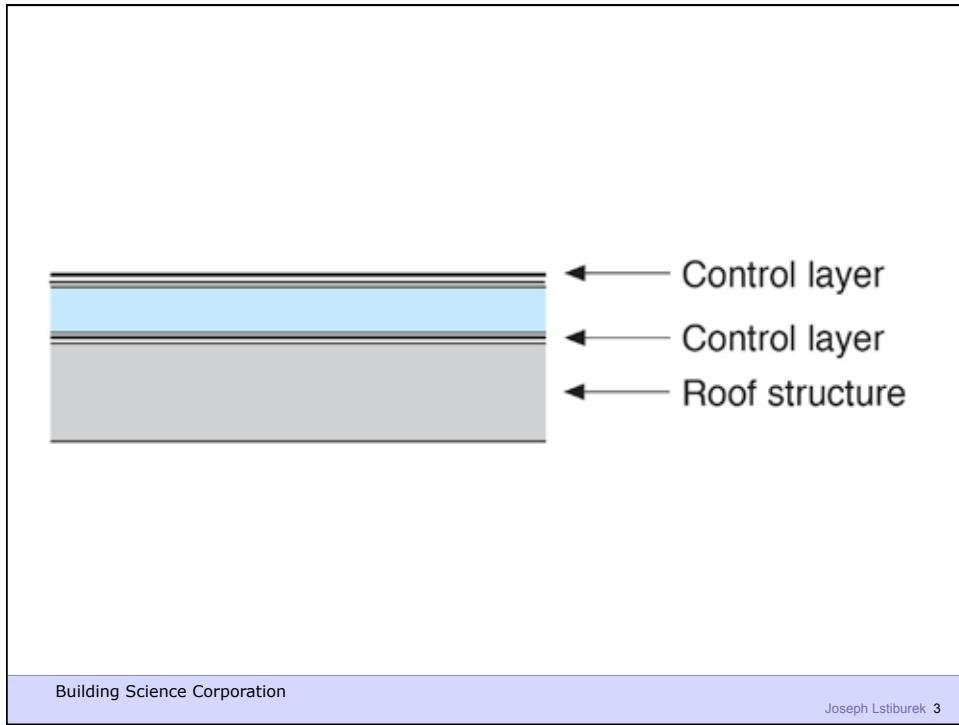
Joseph Lstiburek, Ph.D., P.Eng, ASHRAE Fellow

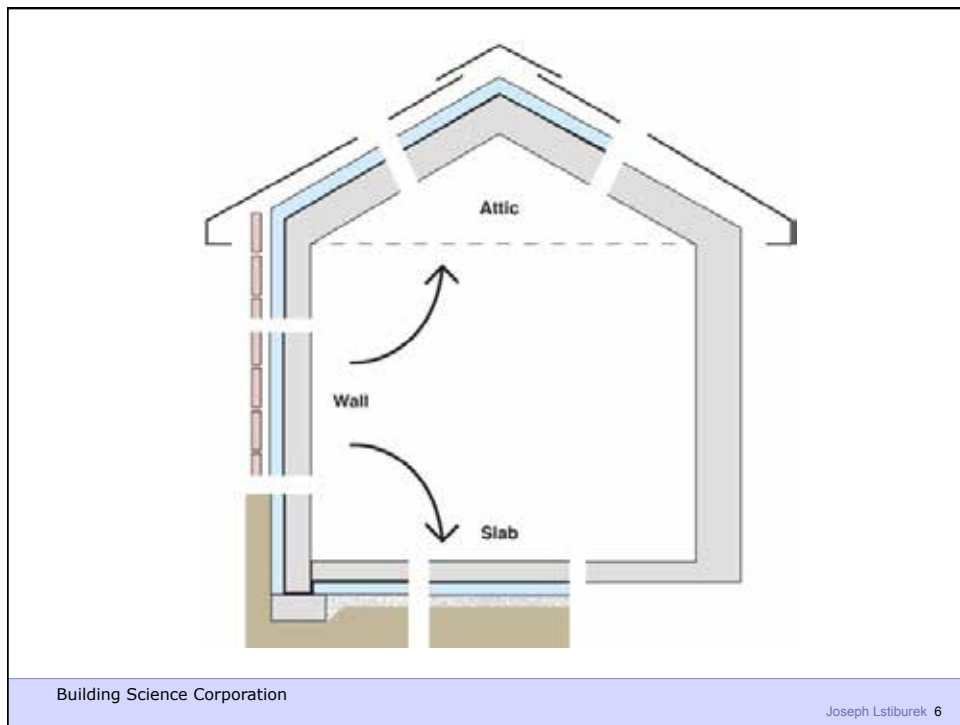
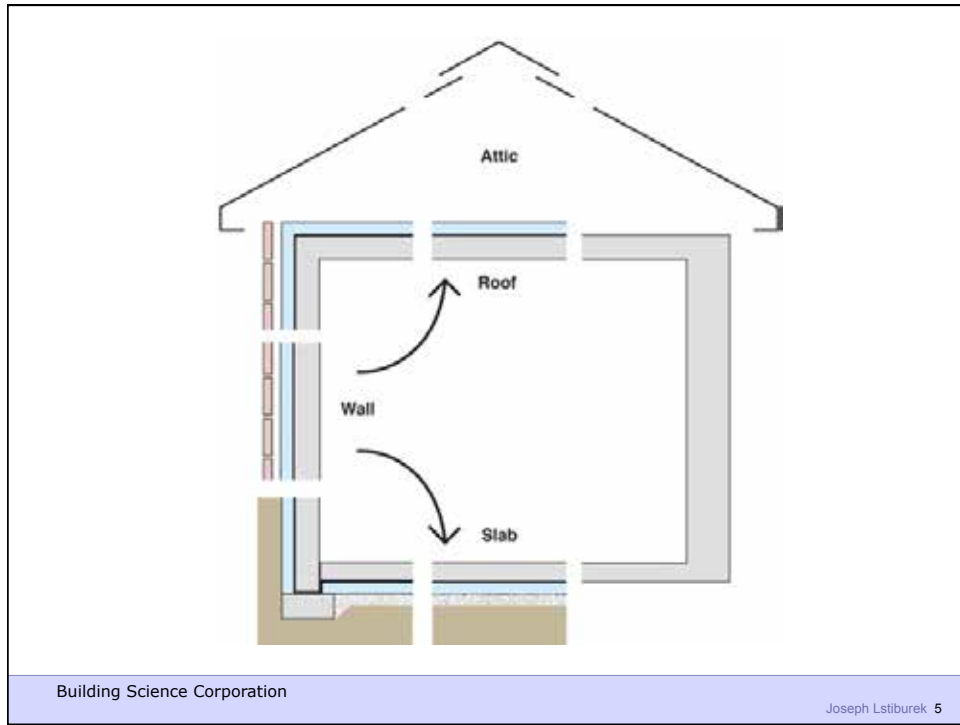
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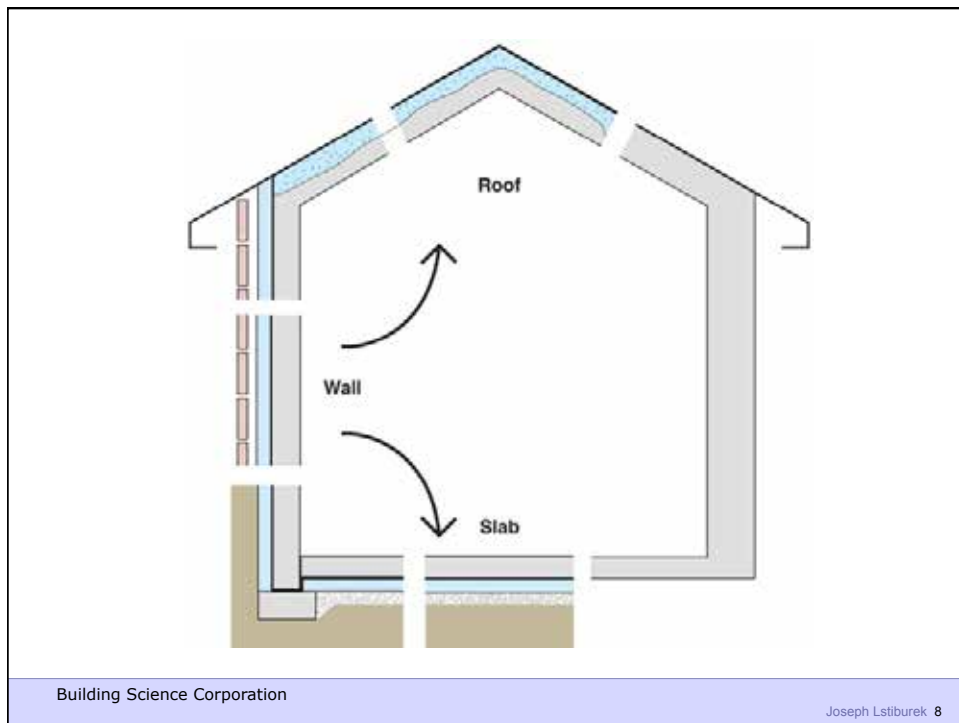
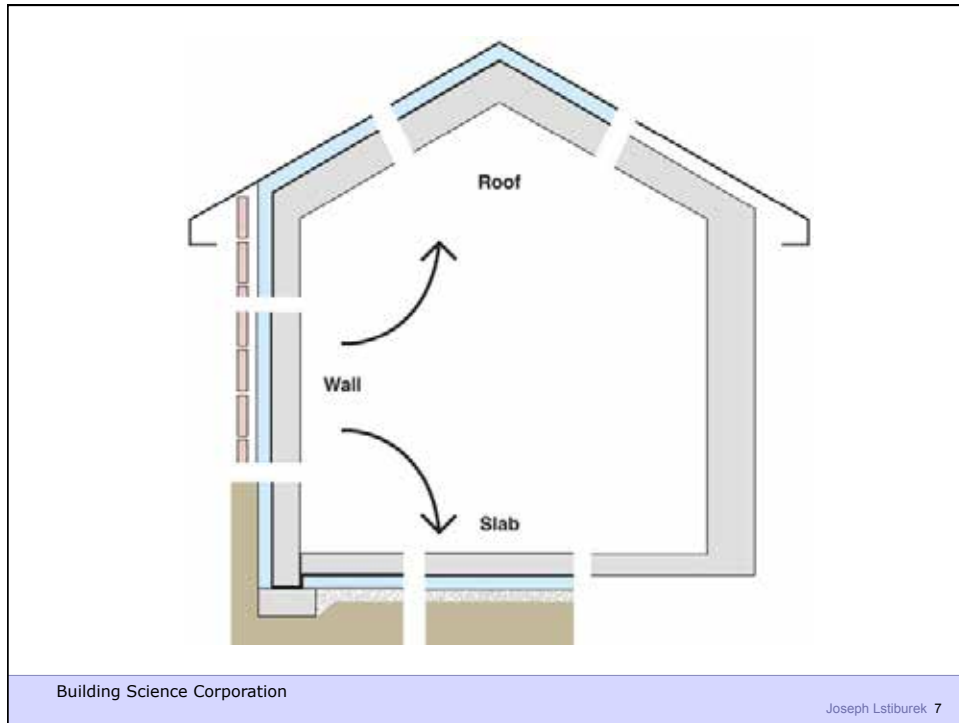
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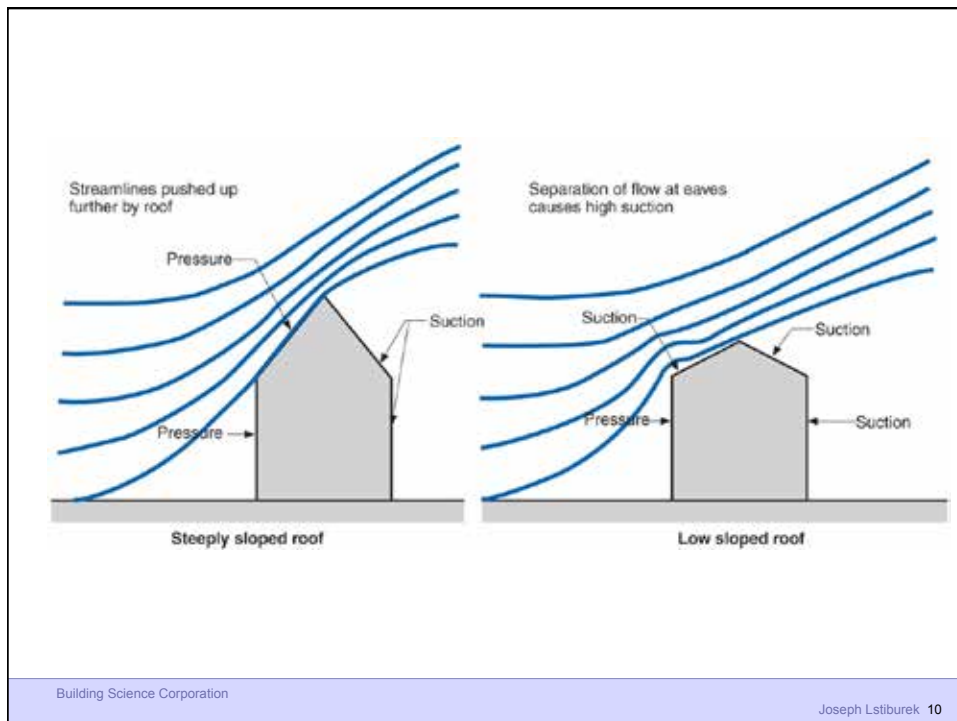
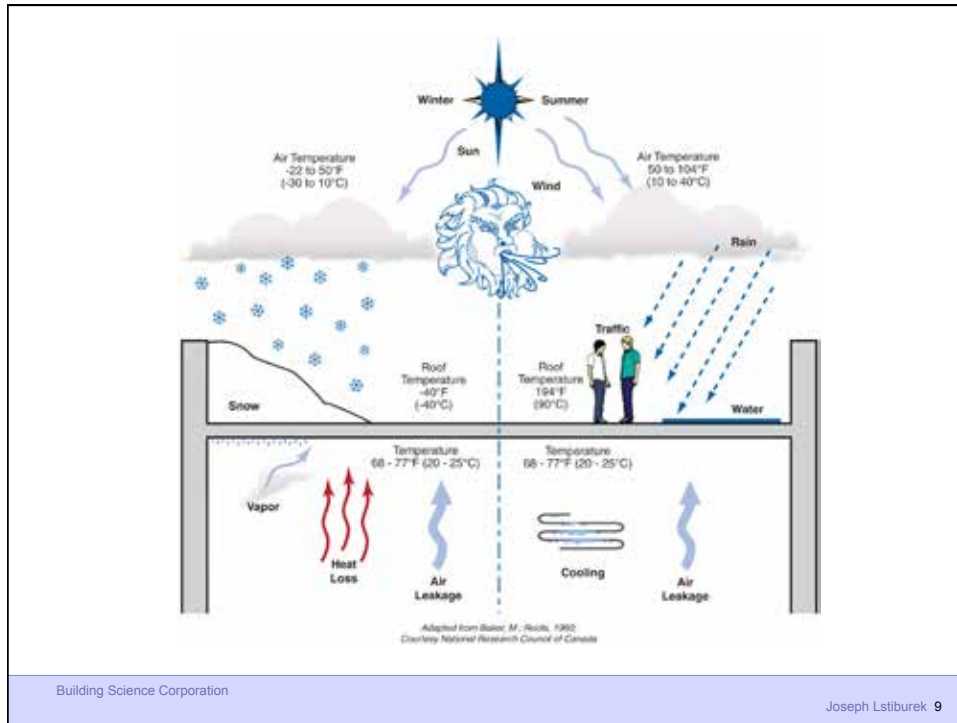
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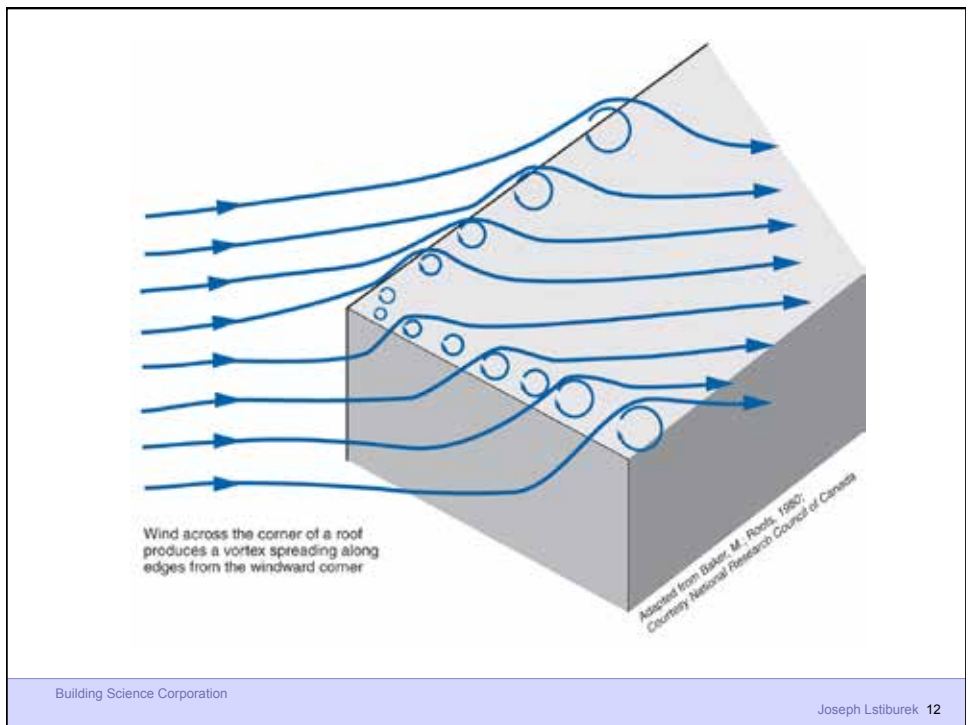
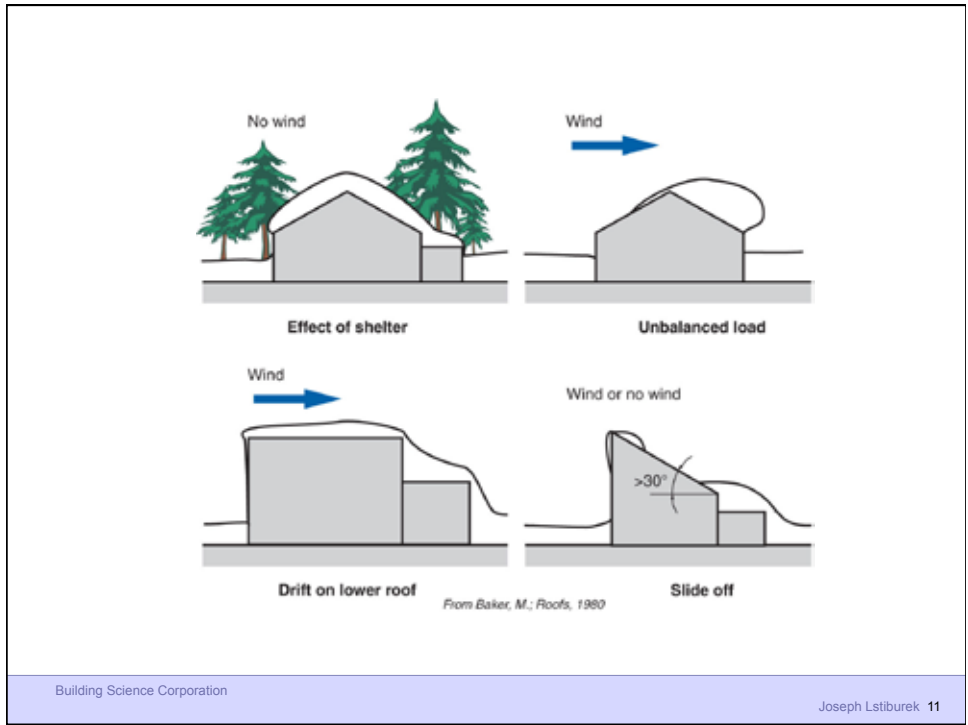


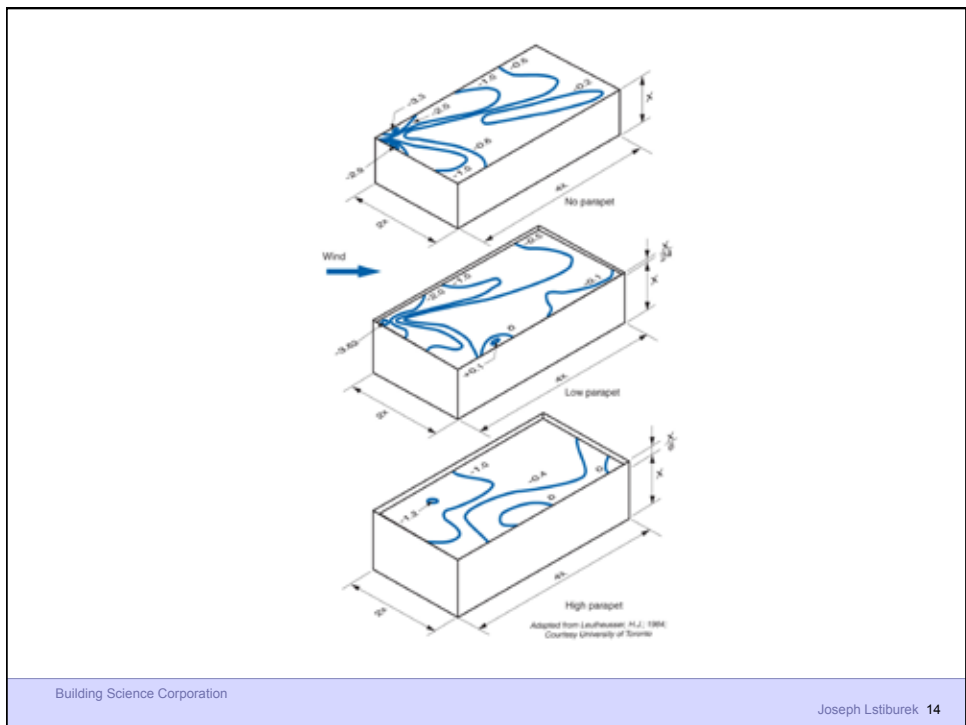
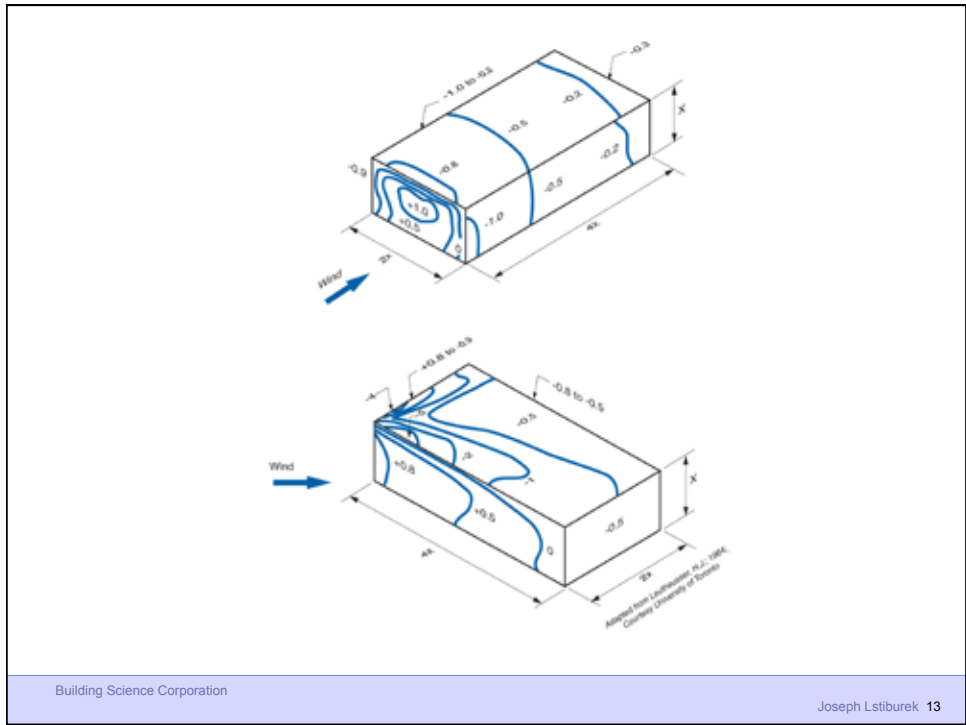


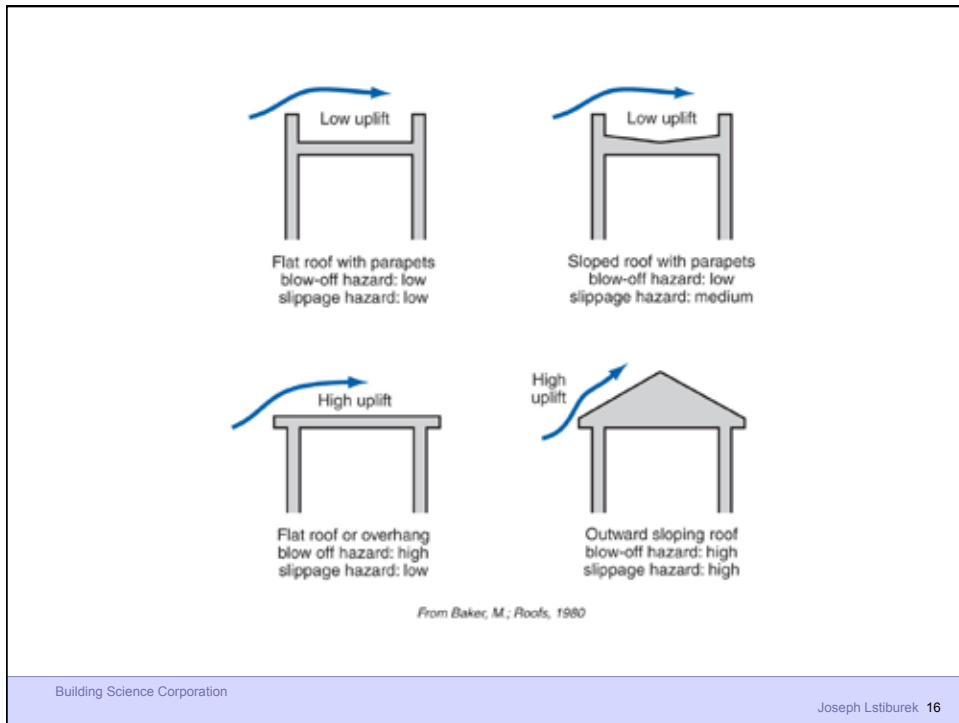
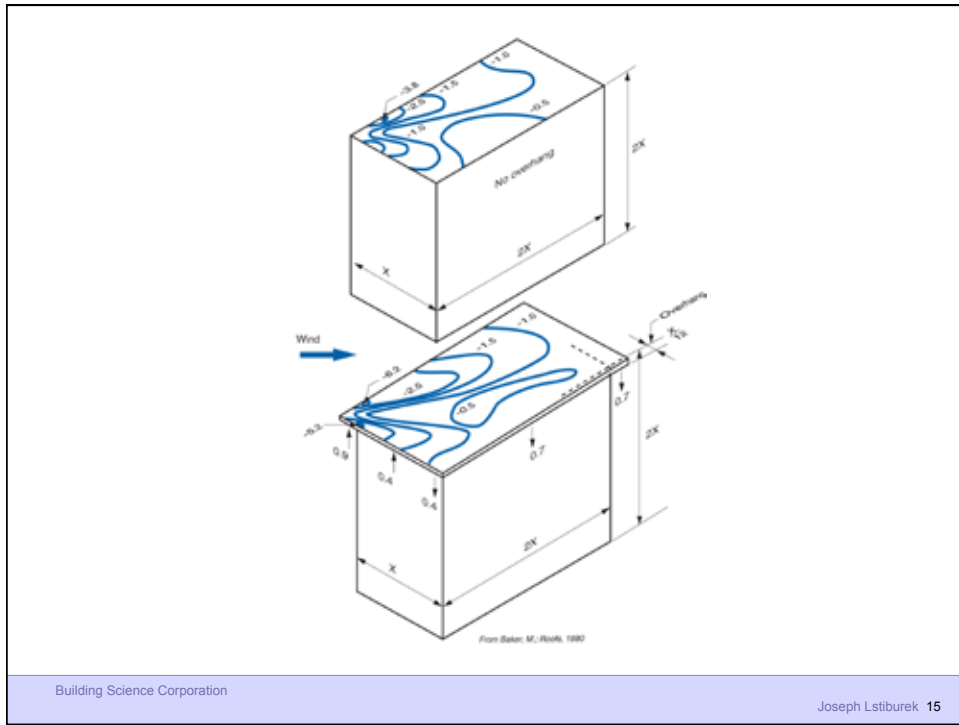


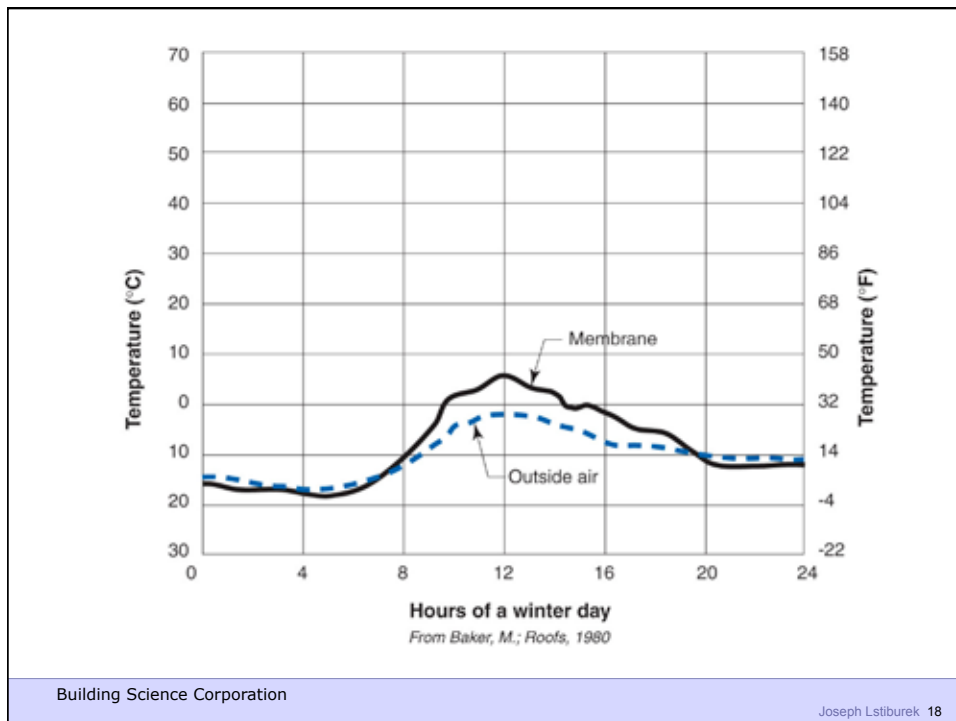
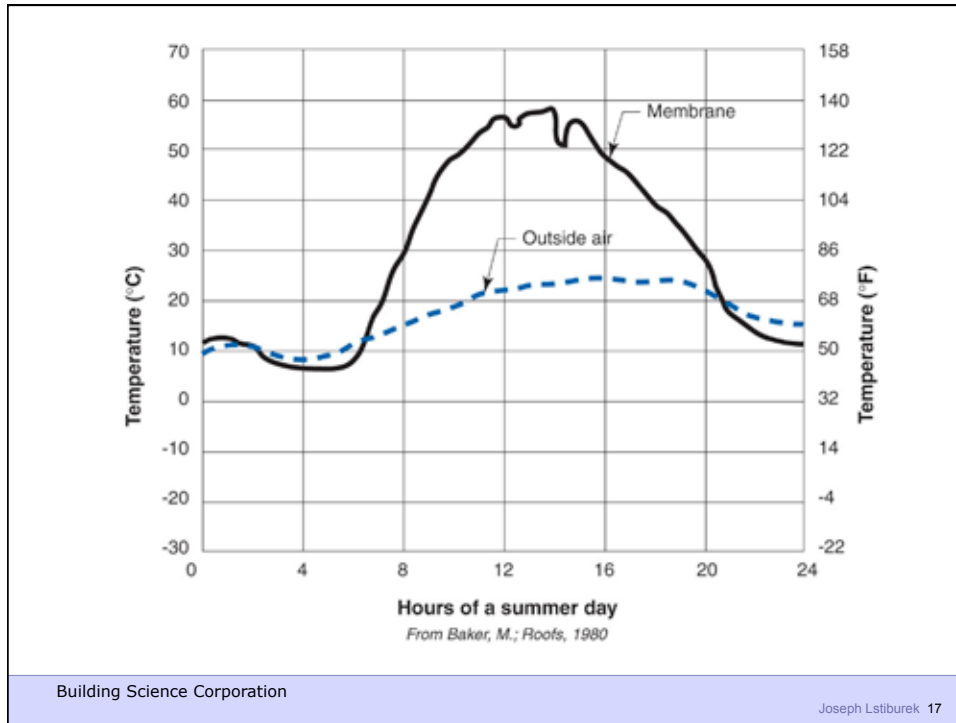


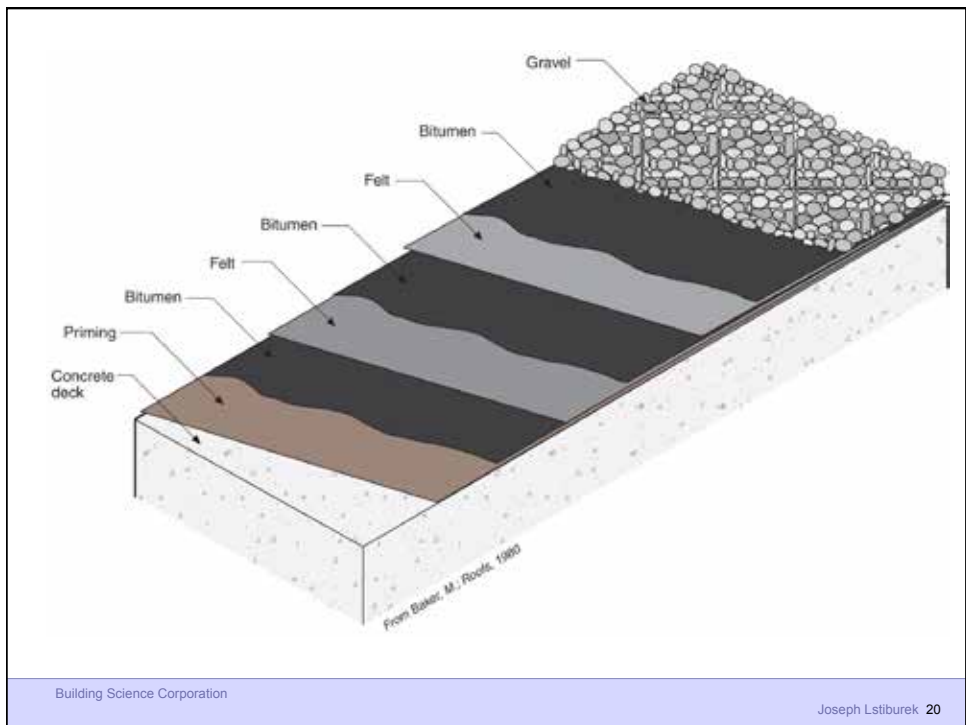
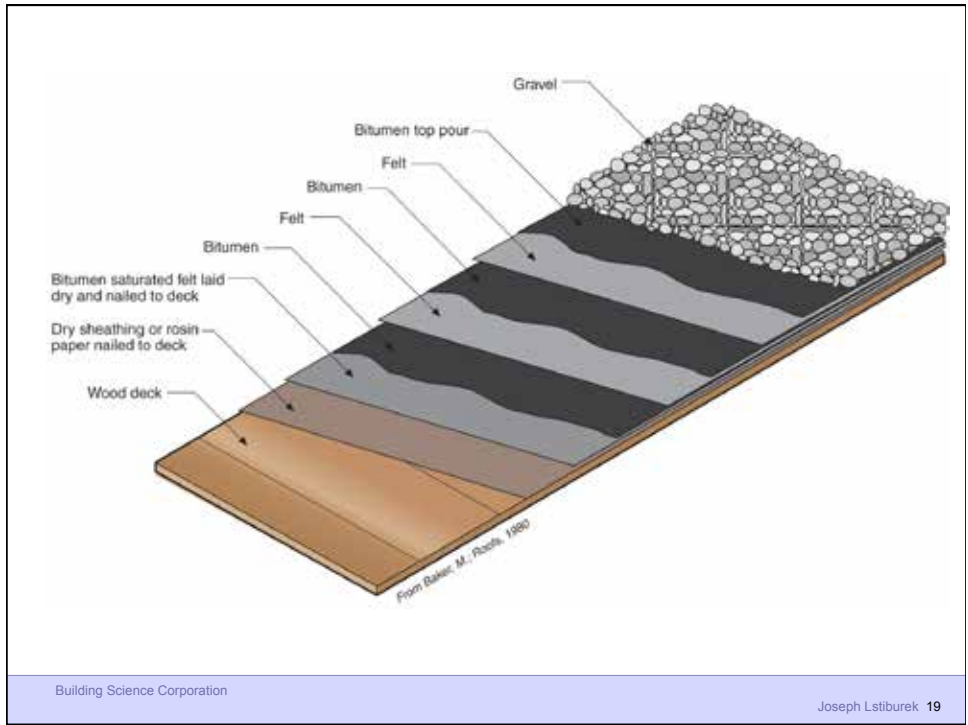


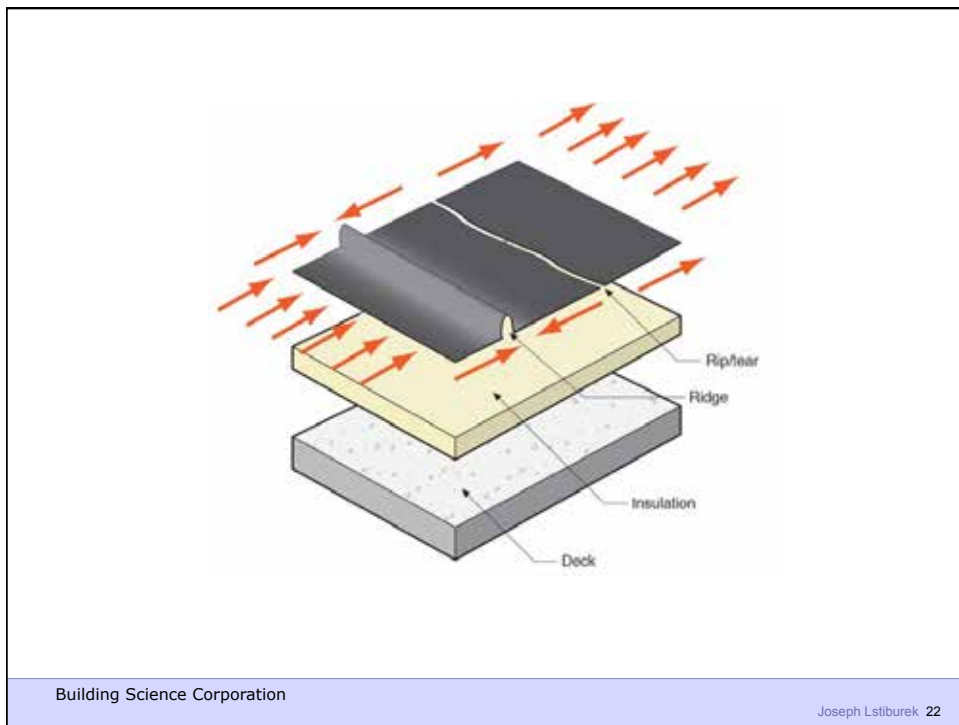
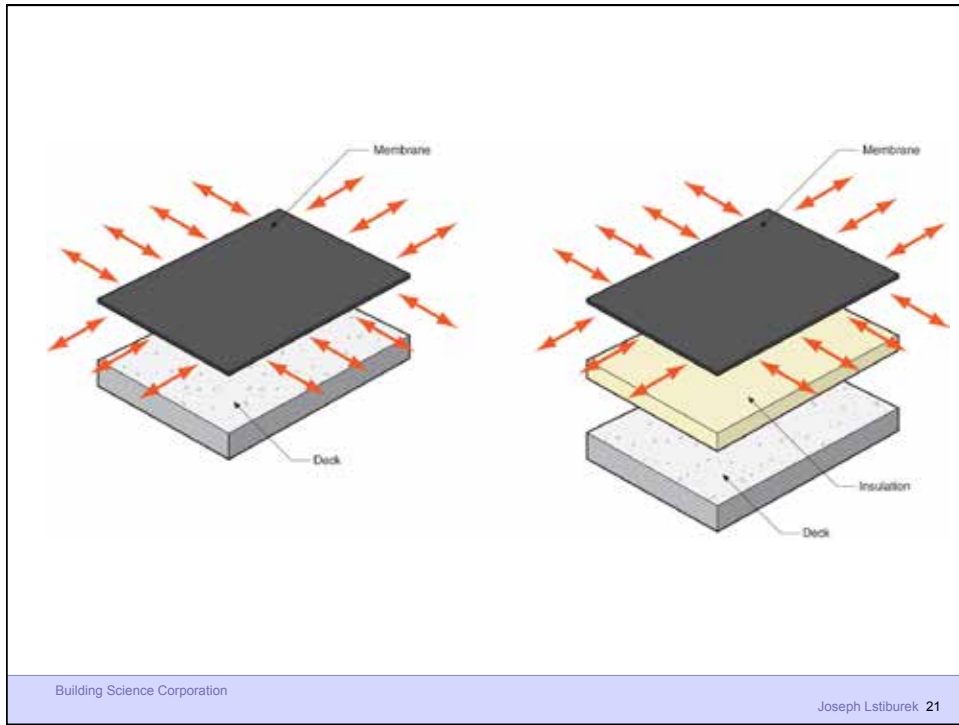


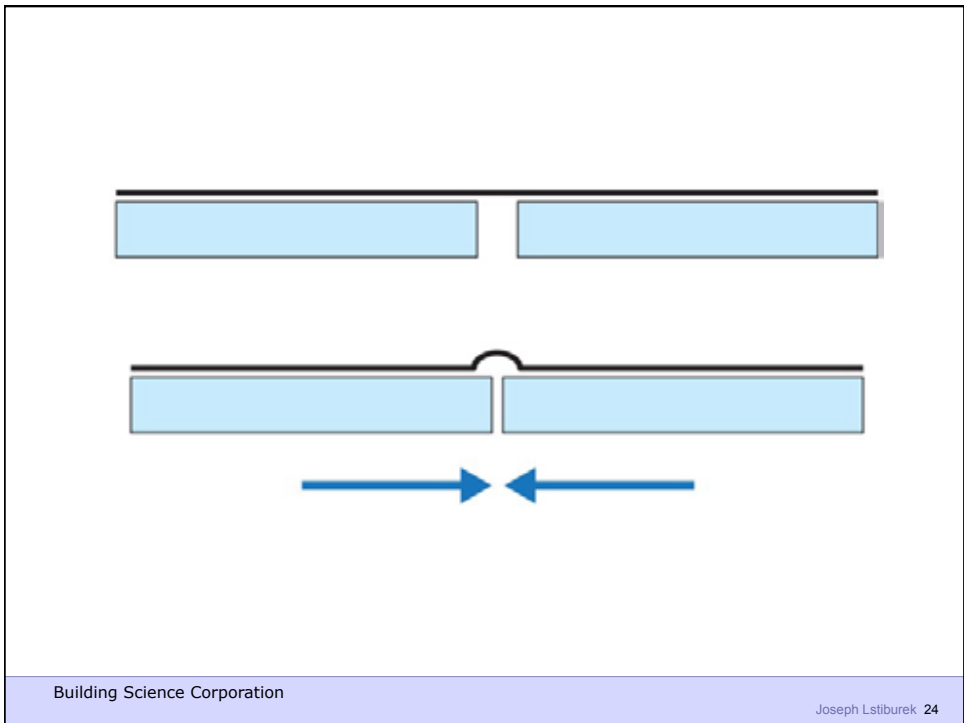


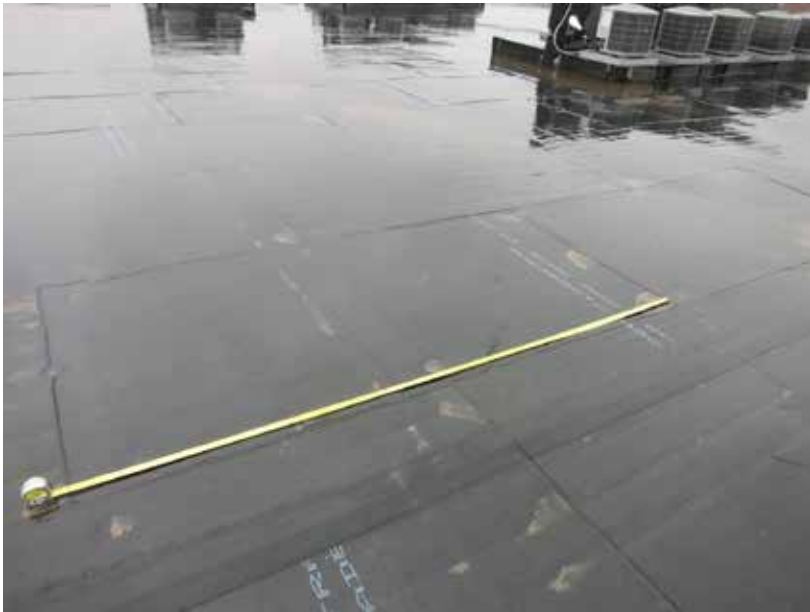






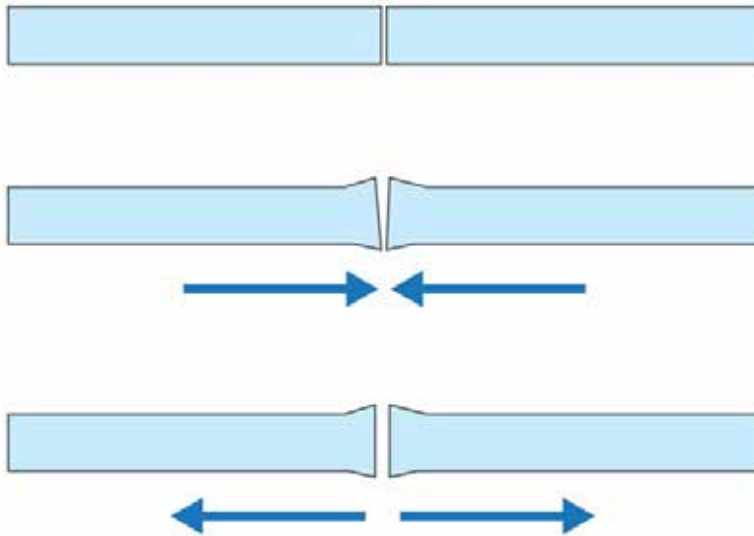






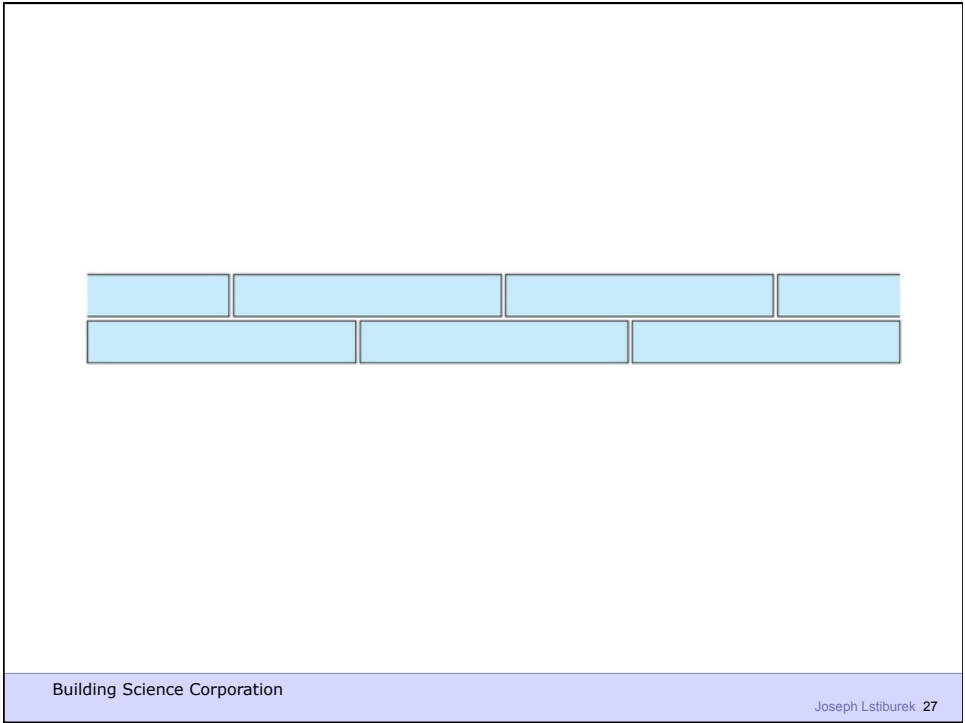
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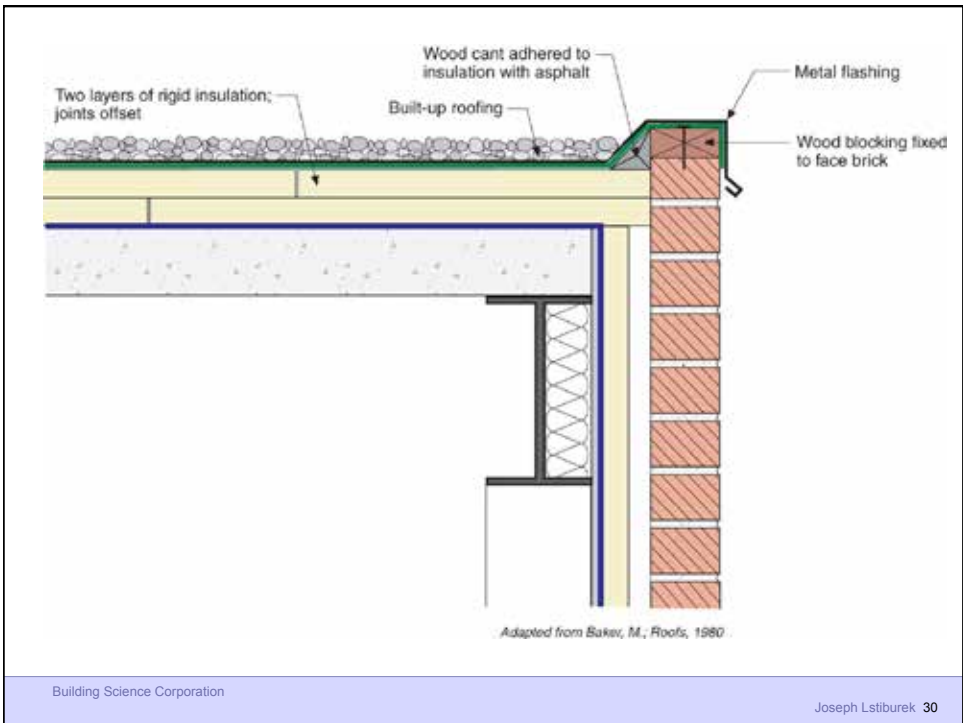
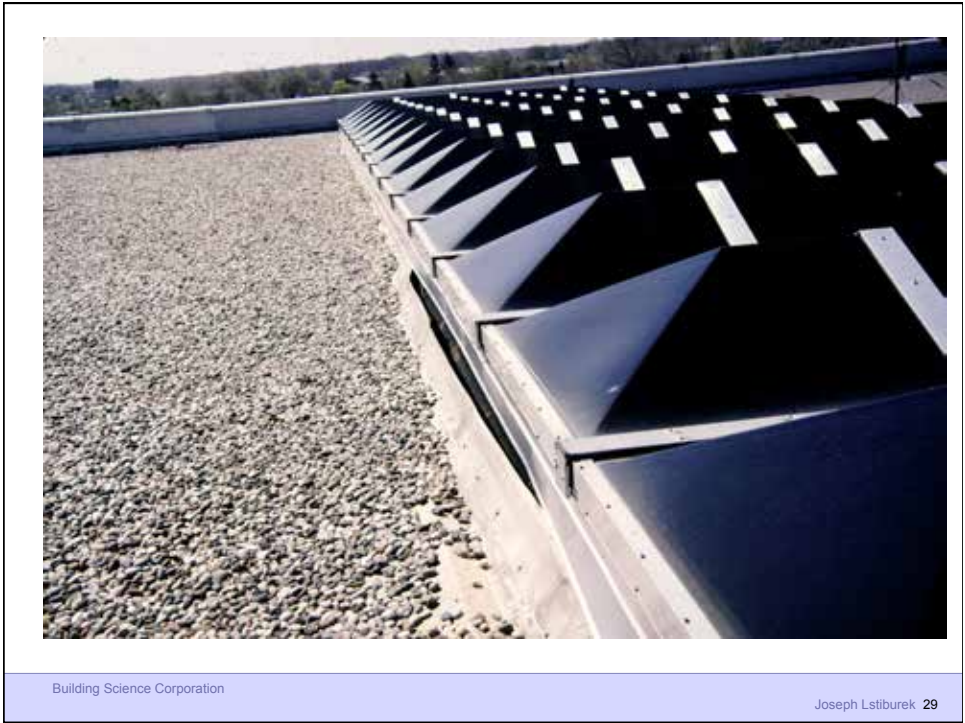
Joseph Lstiburek 25

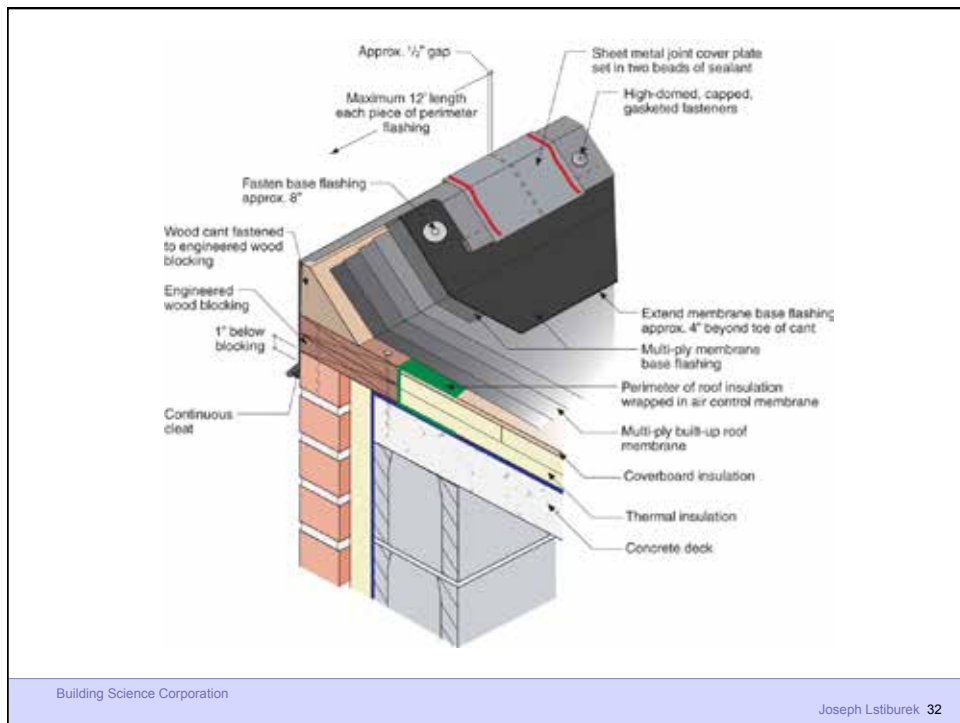
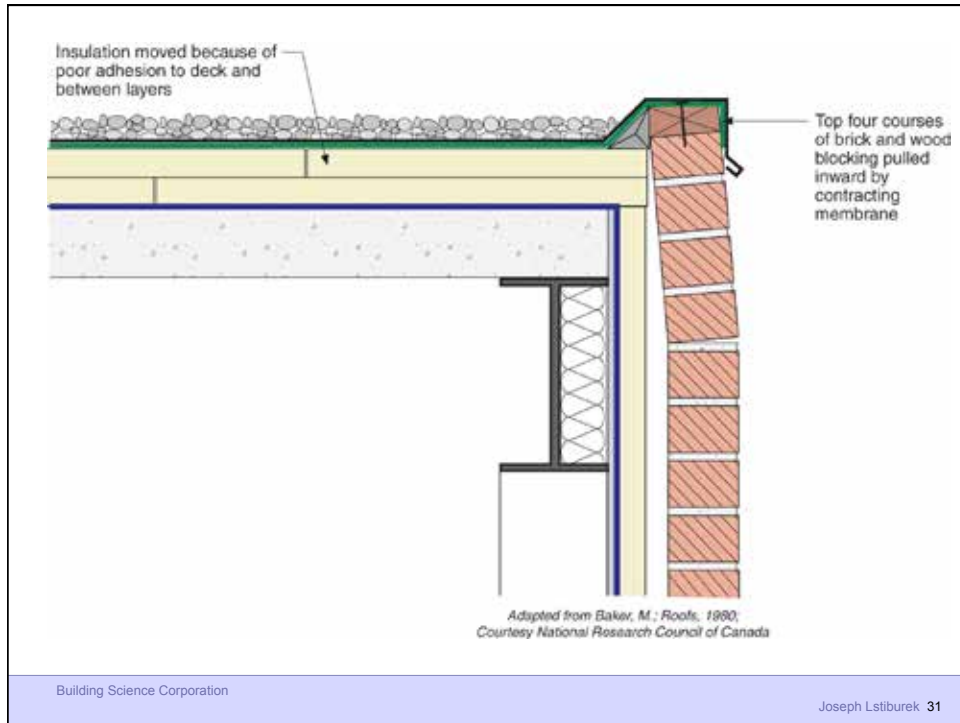


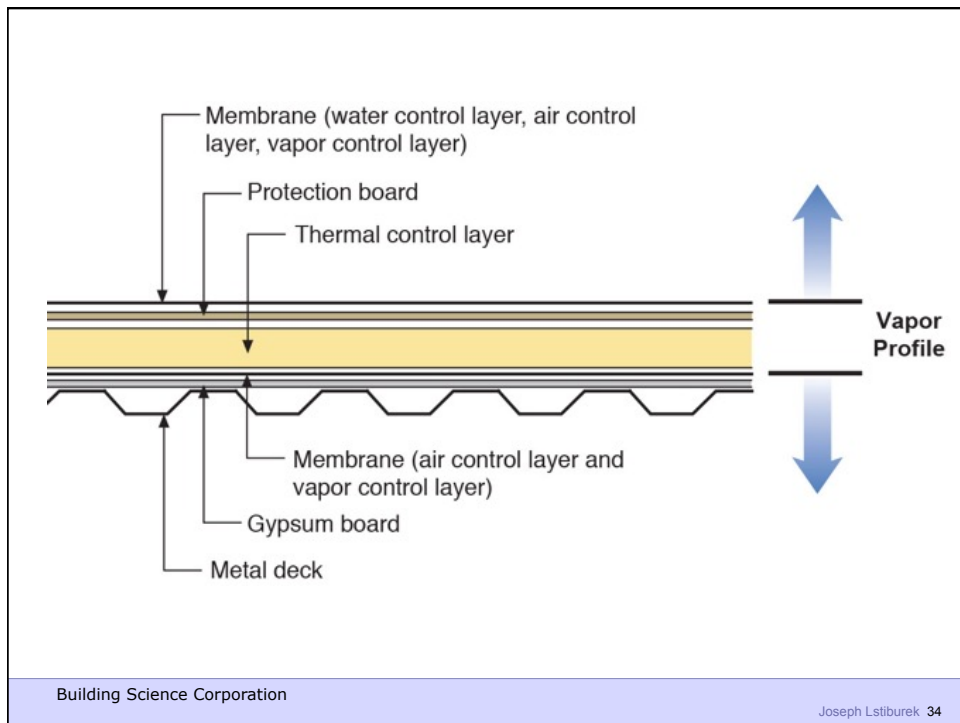
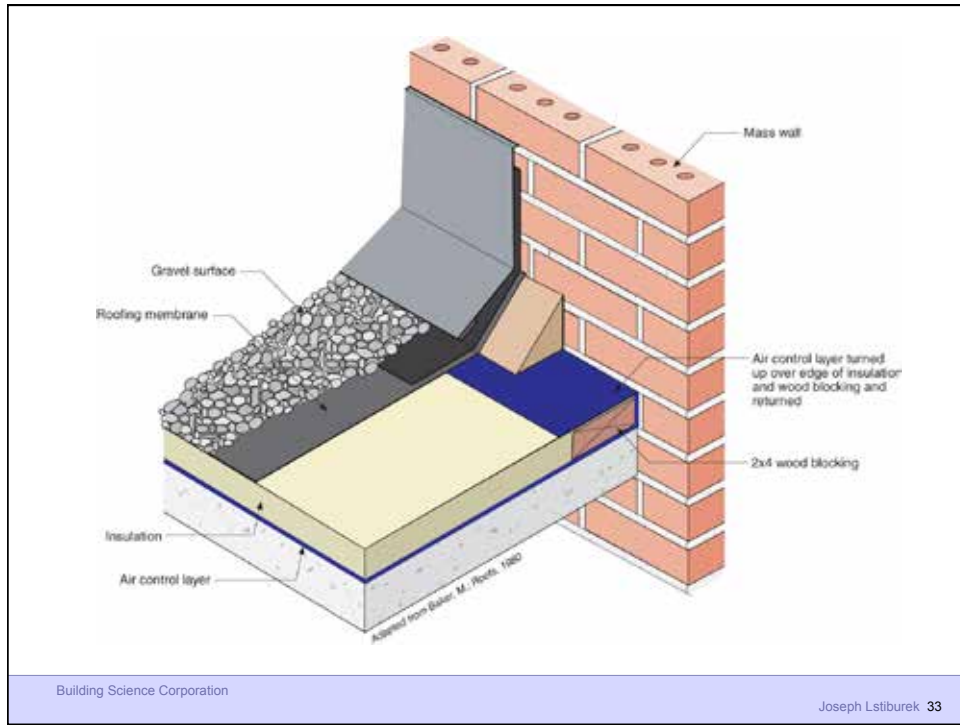
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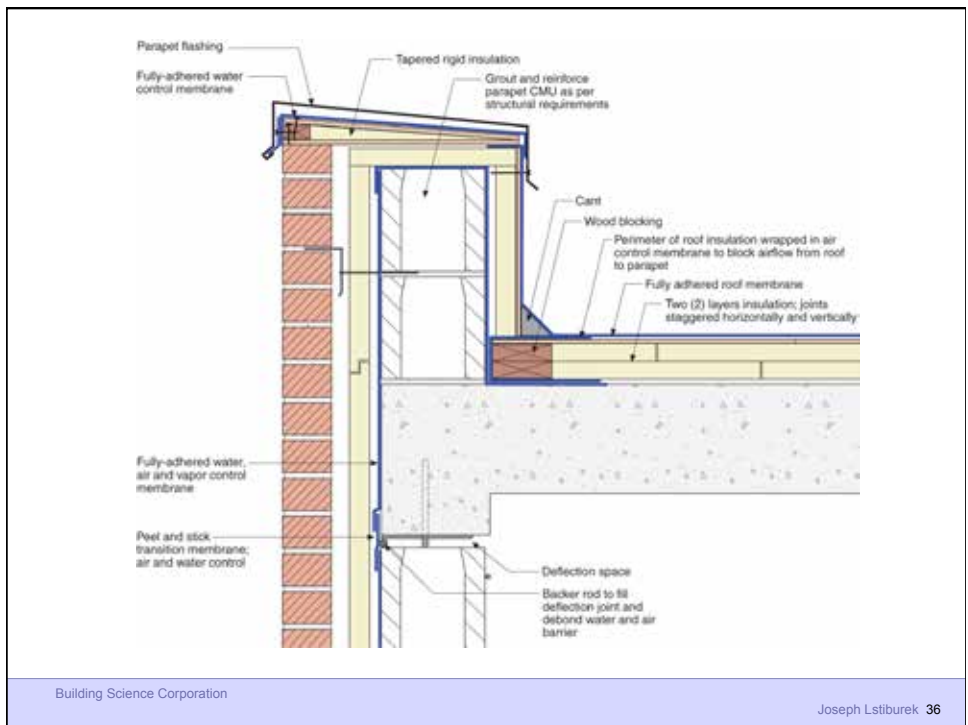
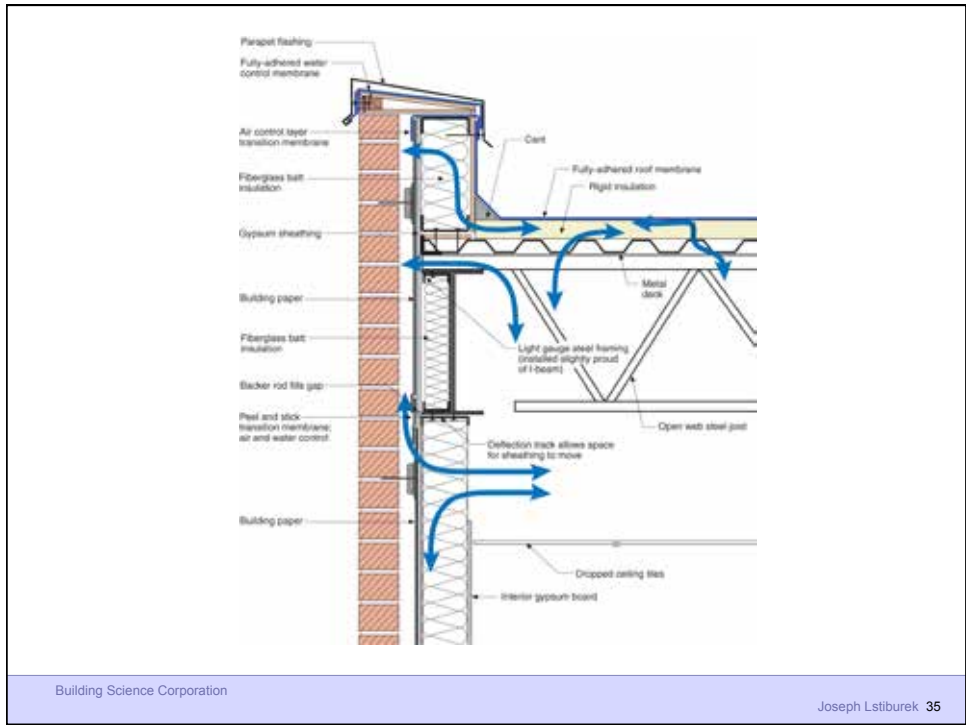
Joseph Lstiburek 26

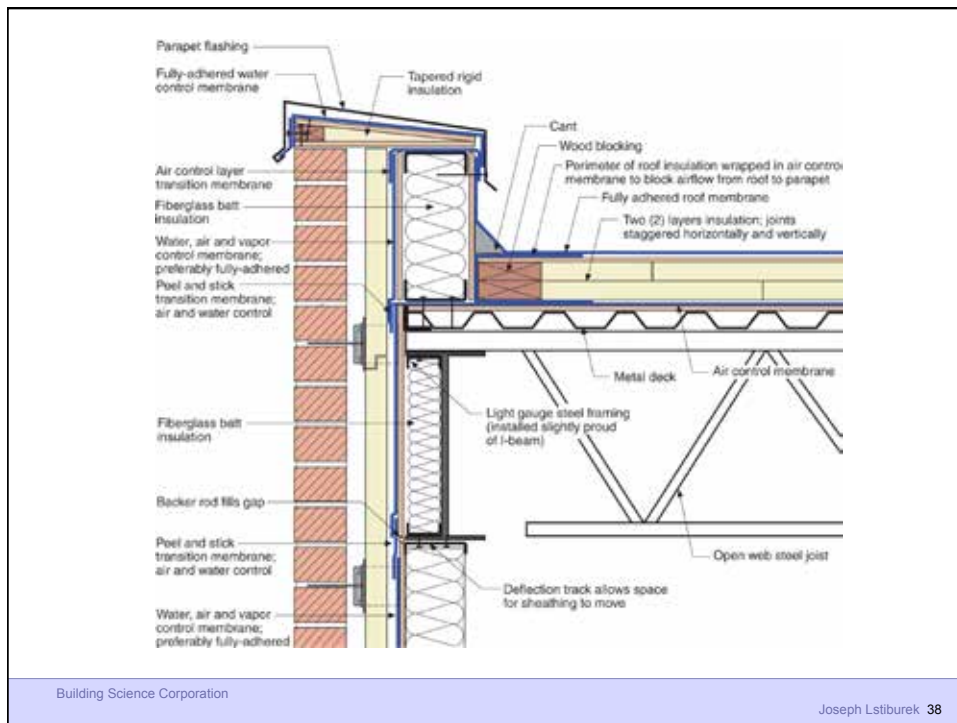
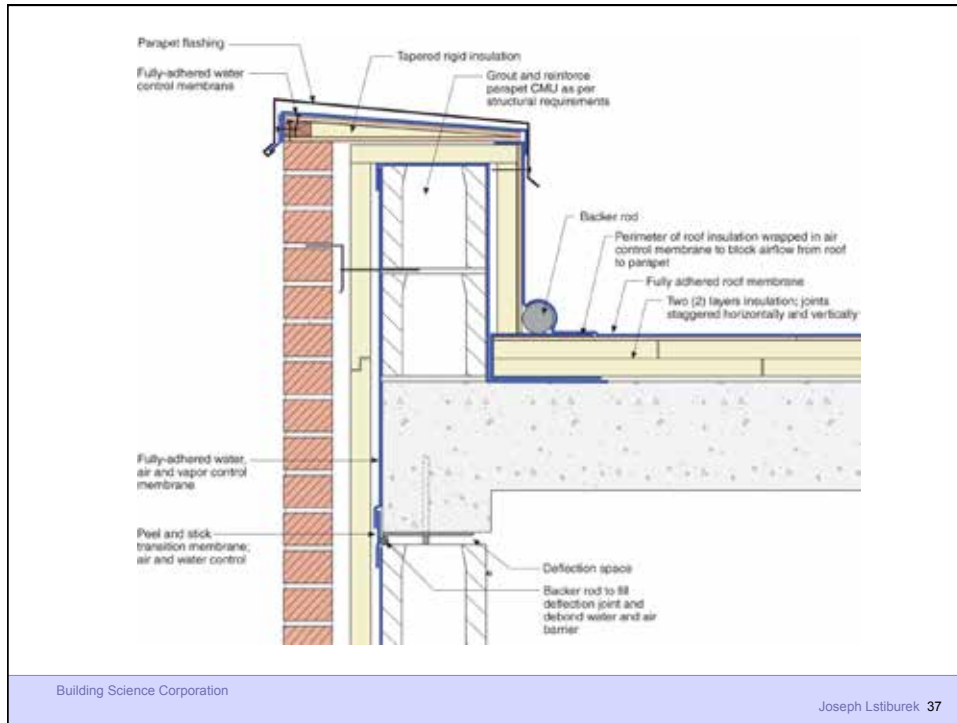


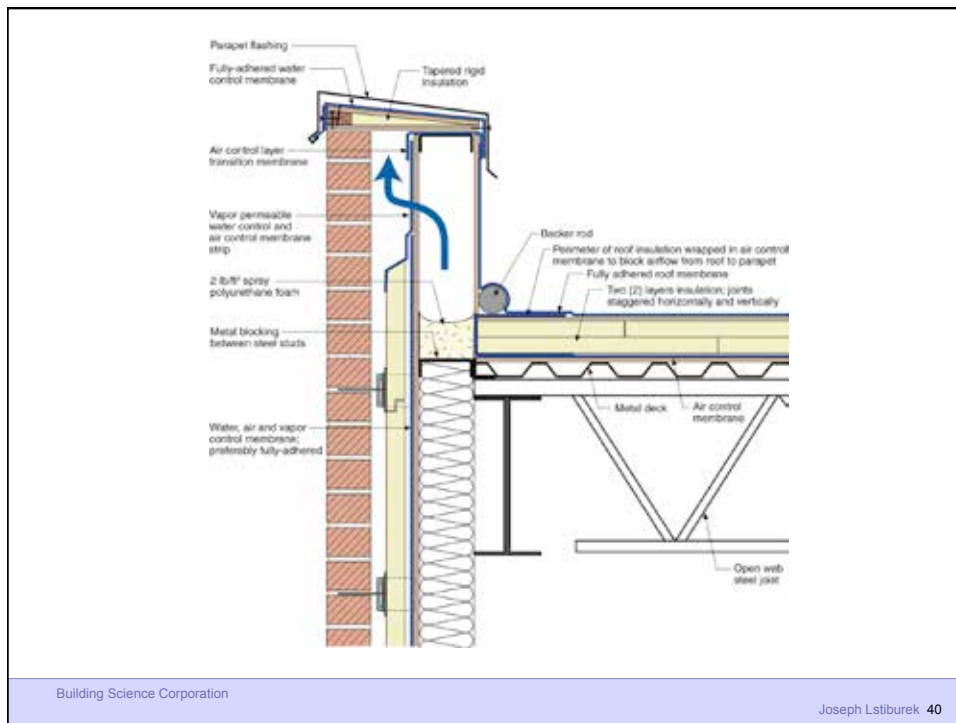
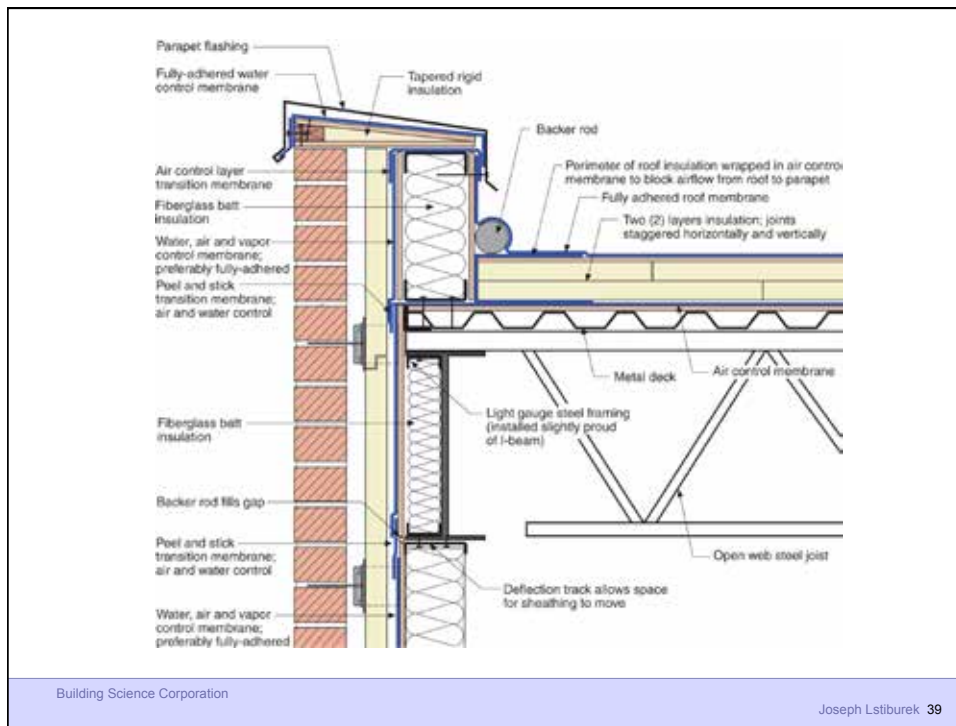


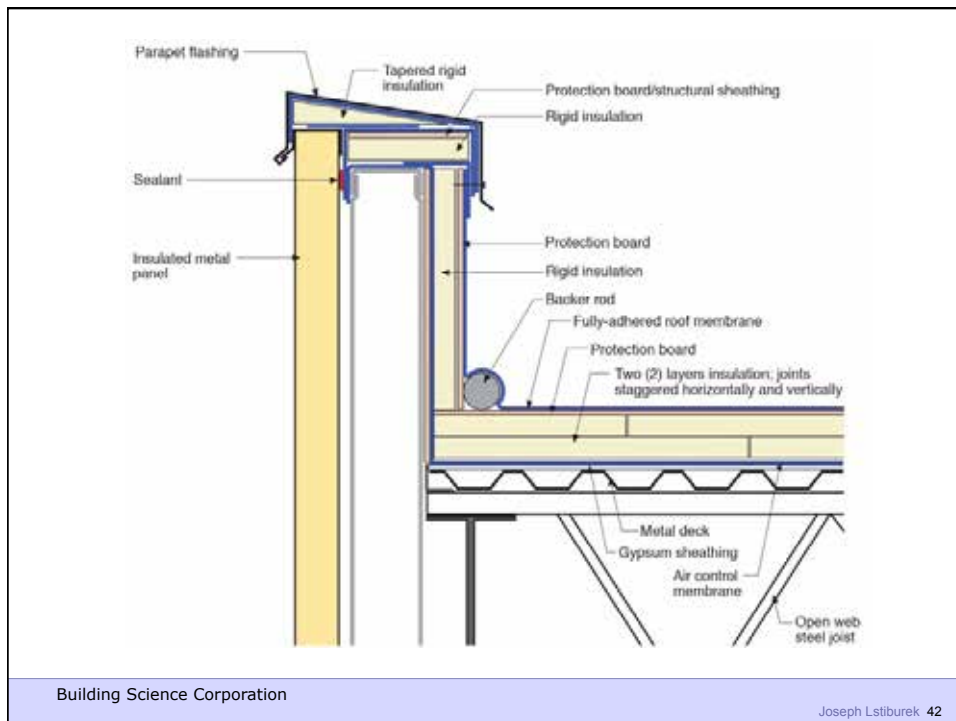
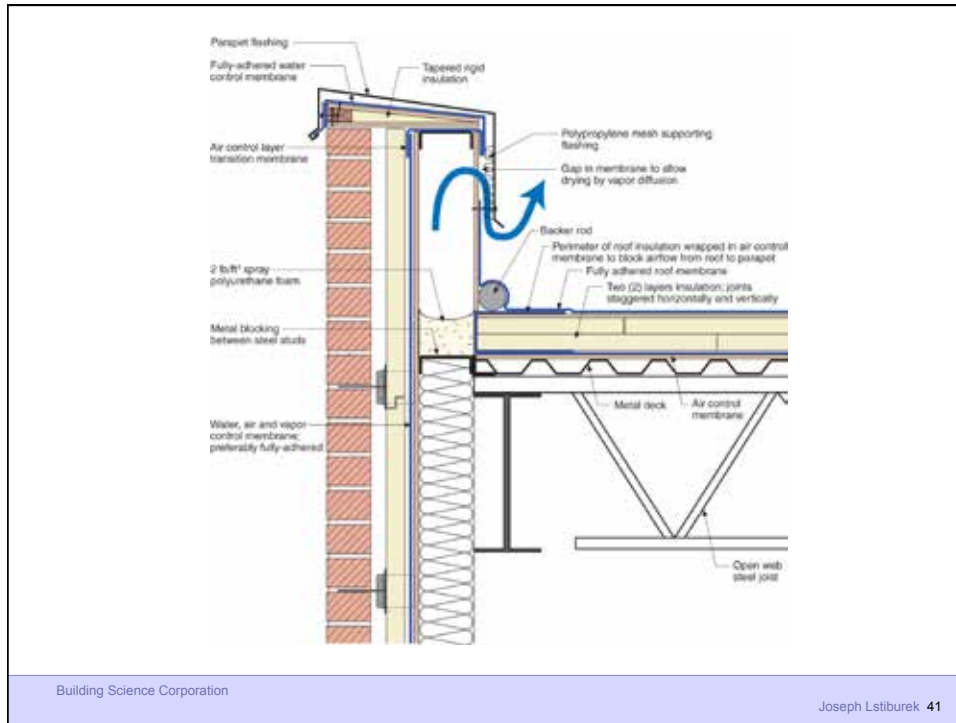


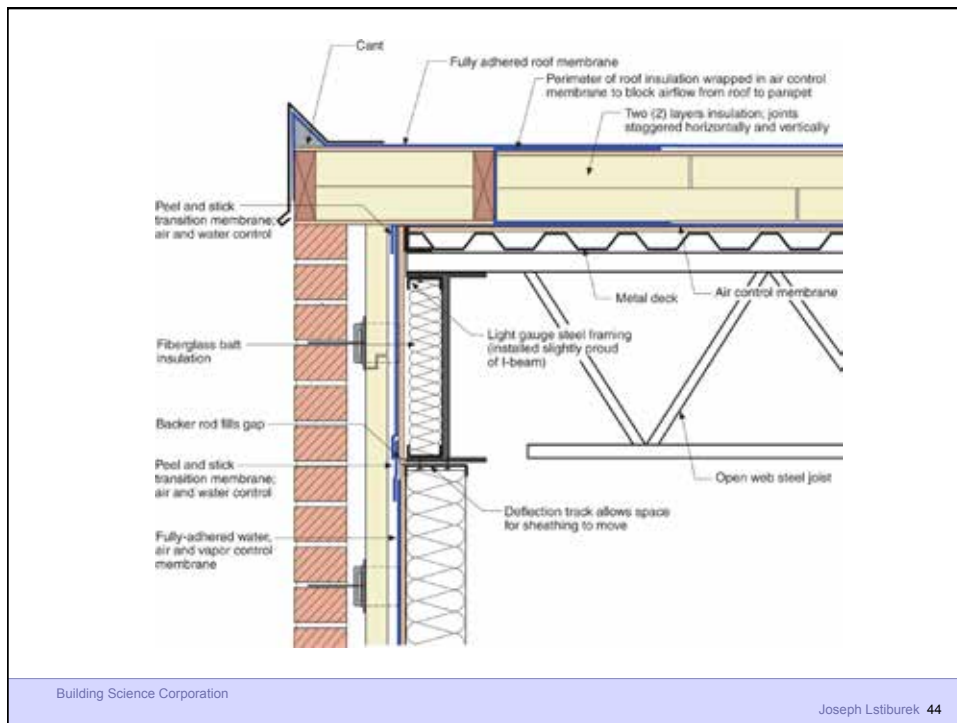
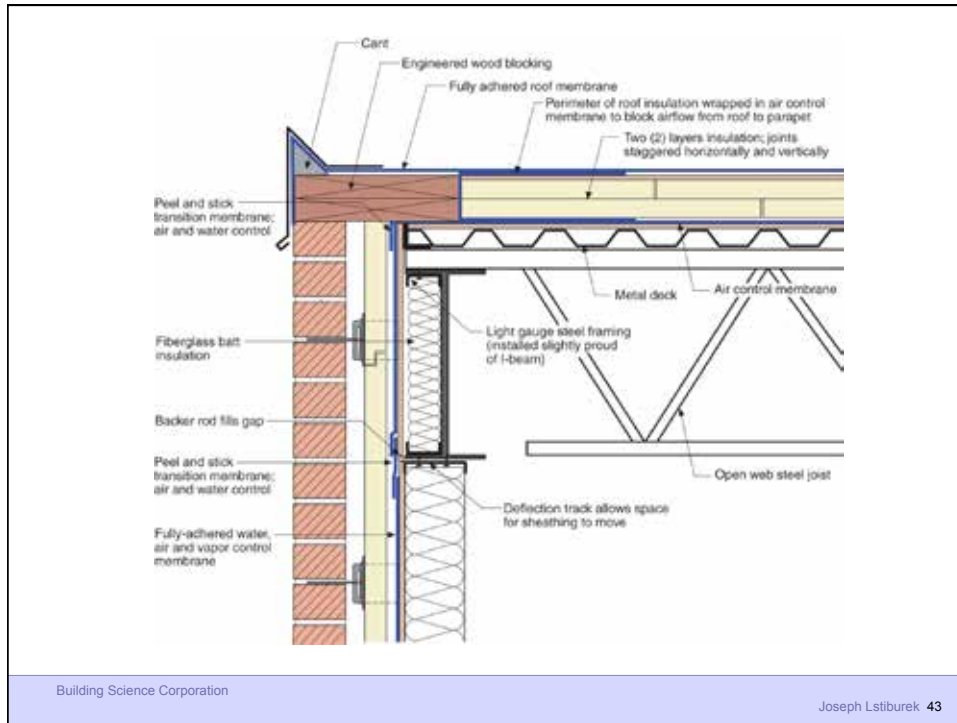


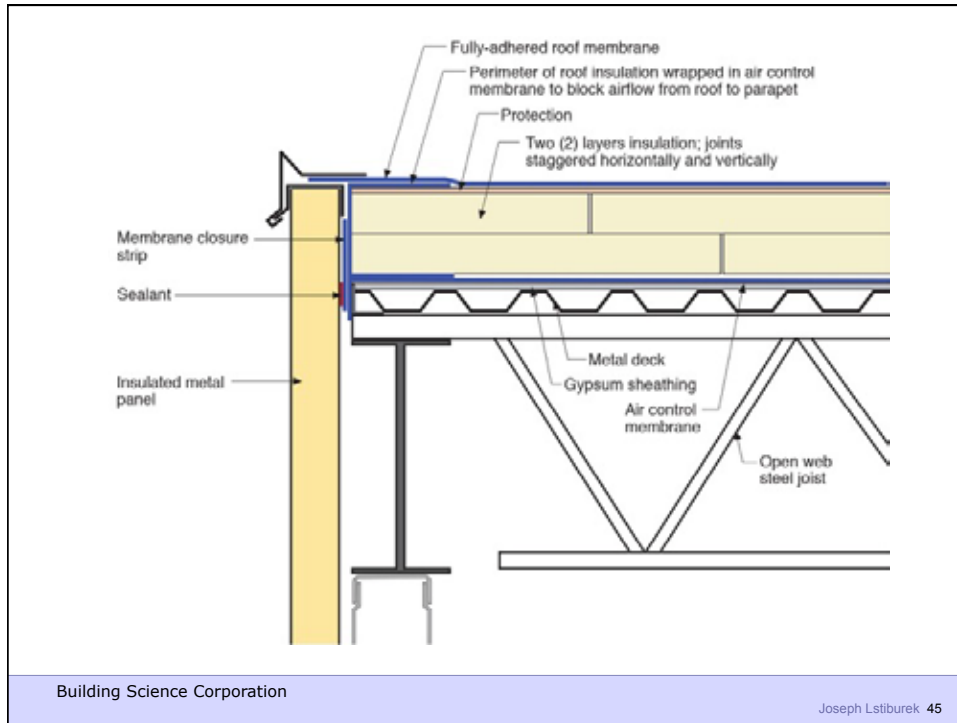




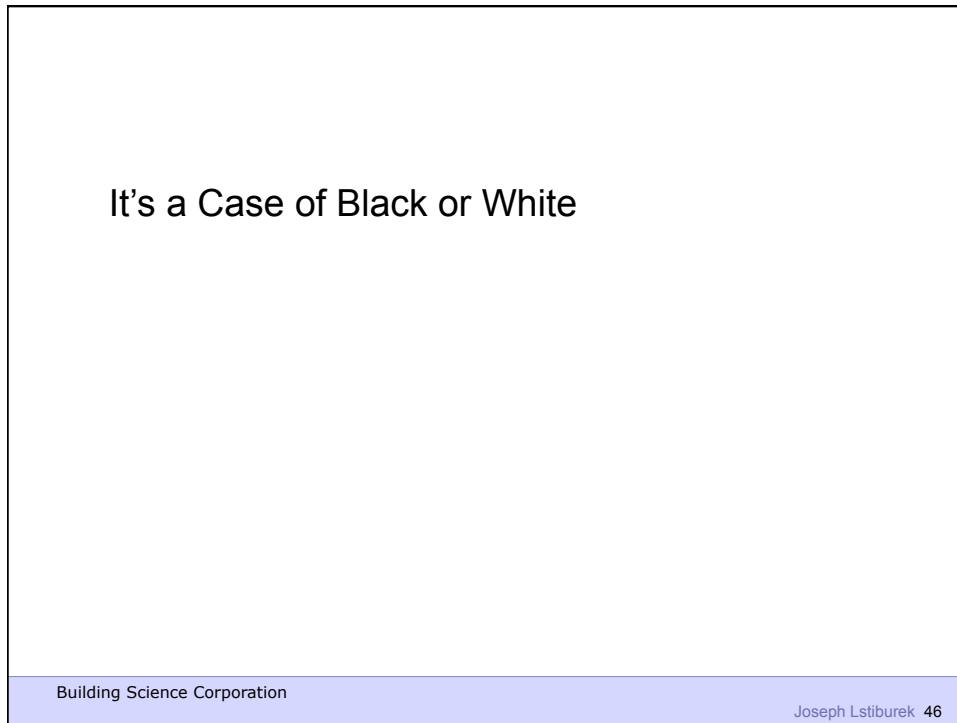








It's a Case of Black or White



It's a Case of Black or White
Arrhenius

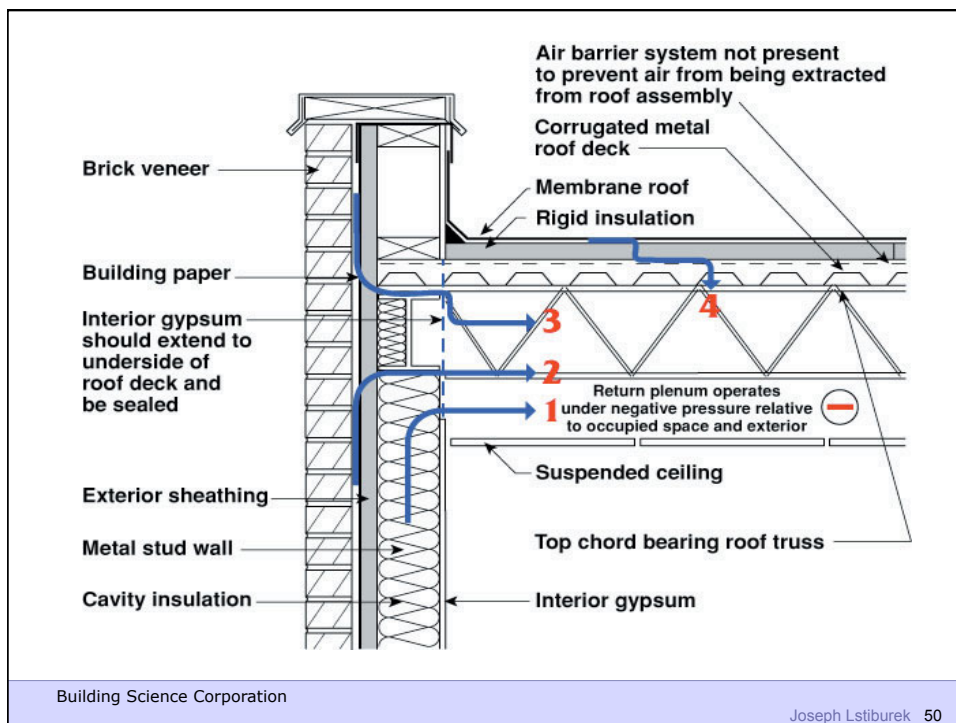
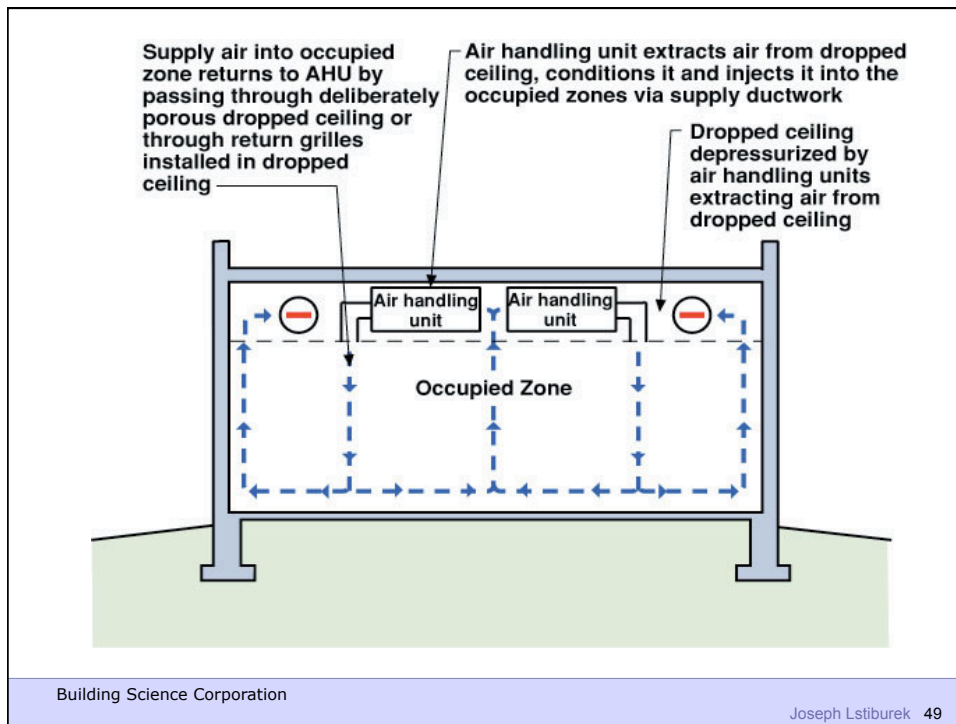
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It's a Case of Black or White
Arrhenius
Every 10 degrees C – double the “badness”

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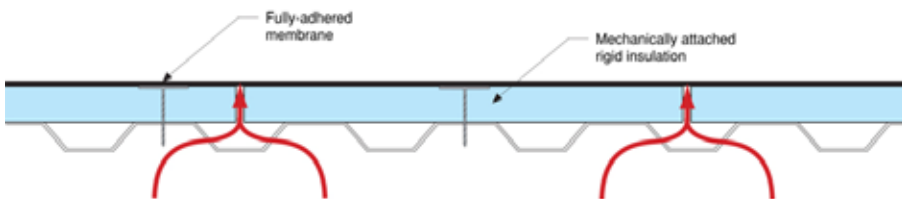
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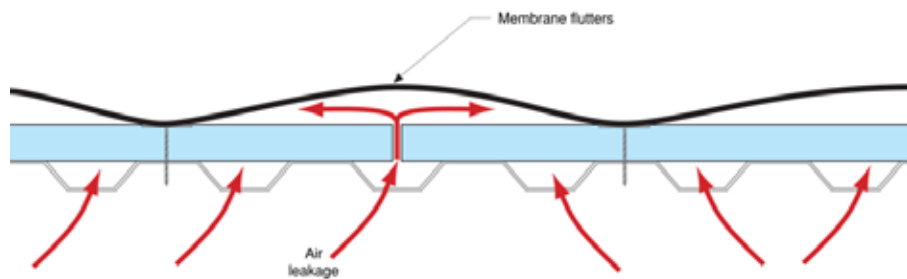
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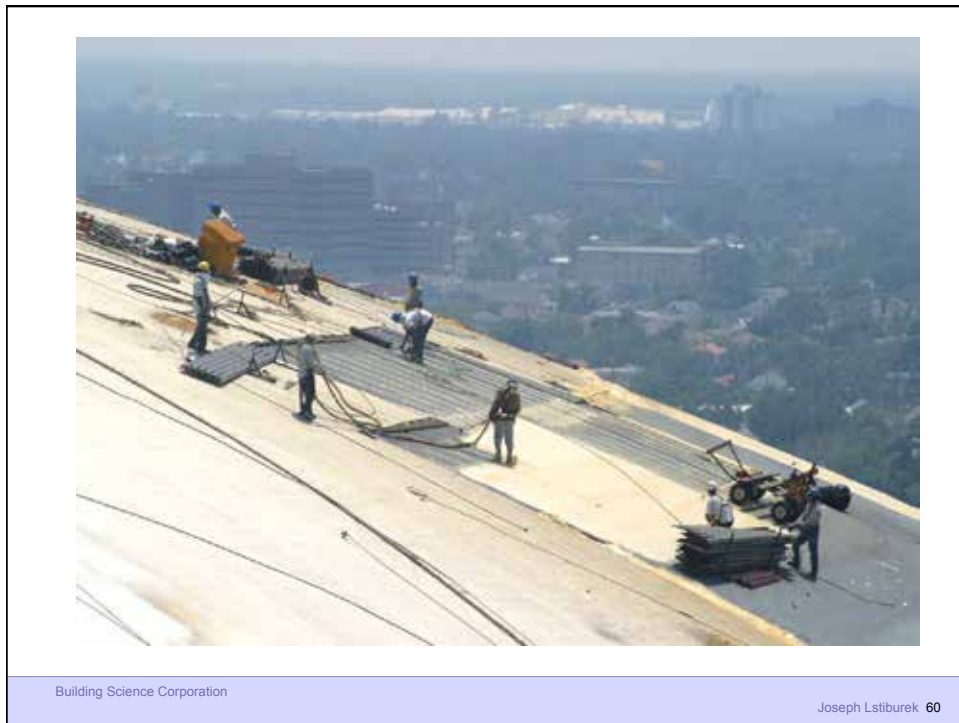
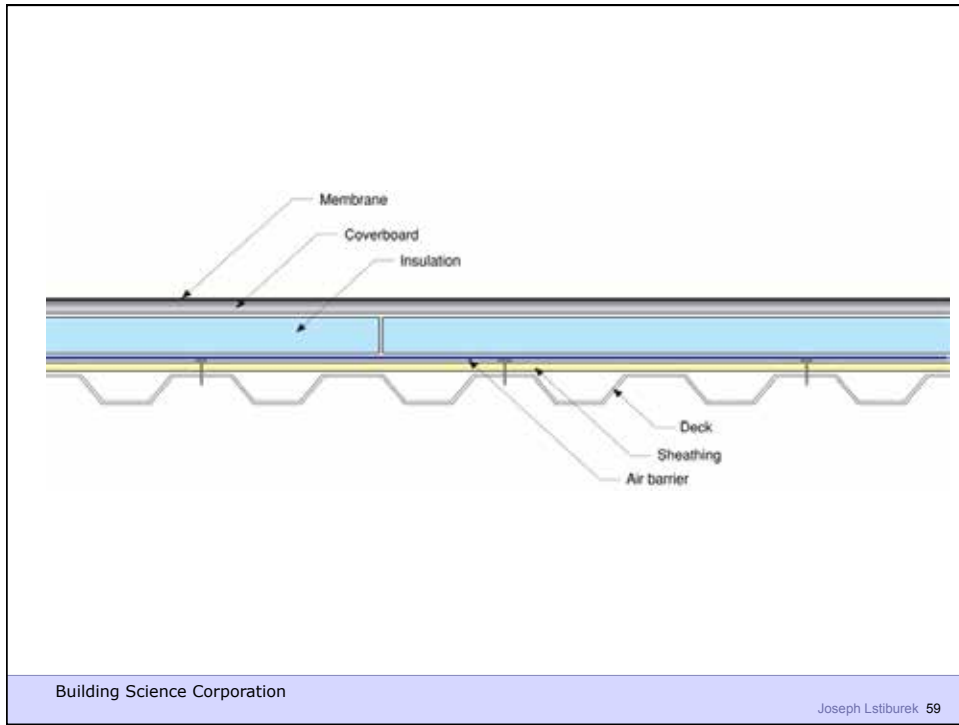
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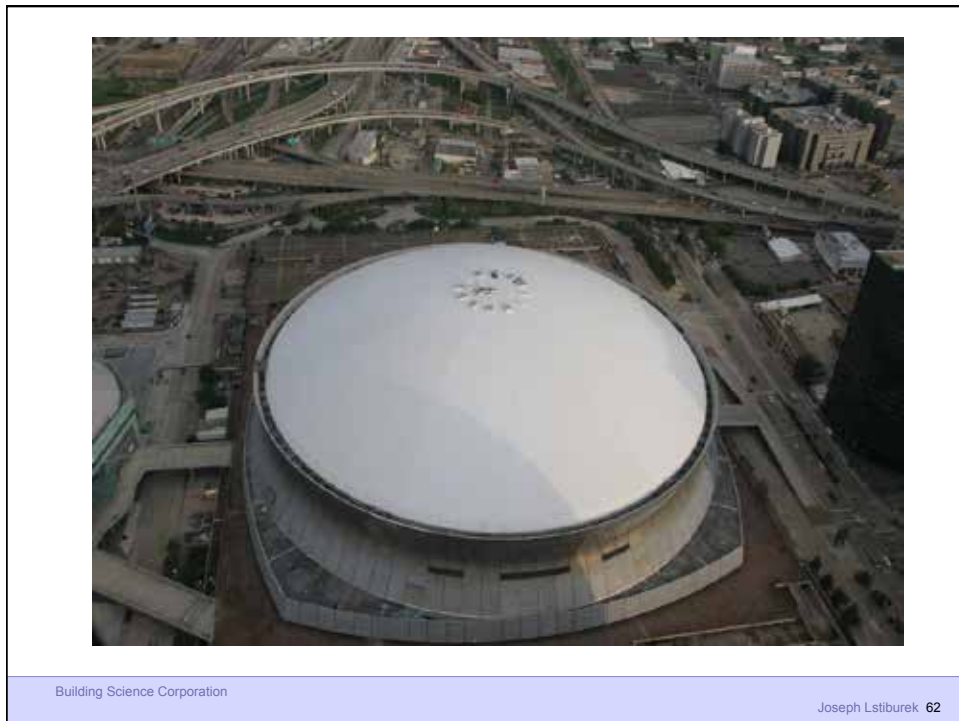
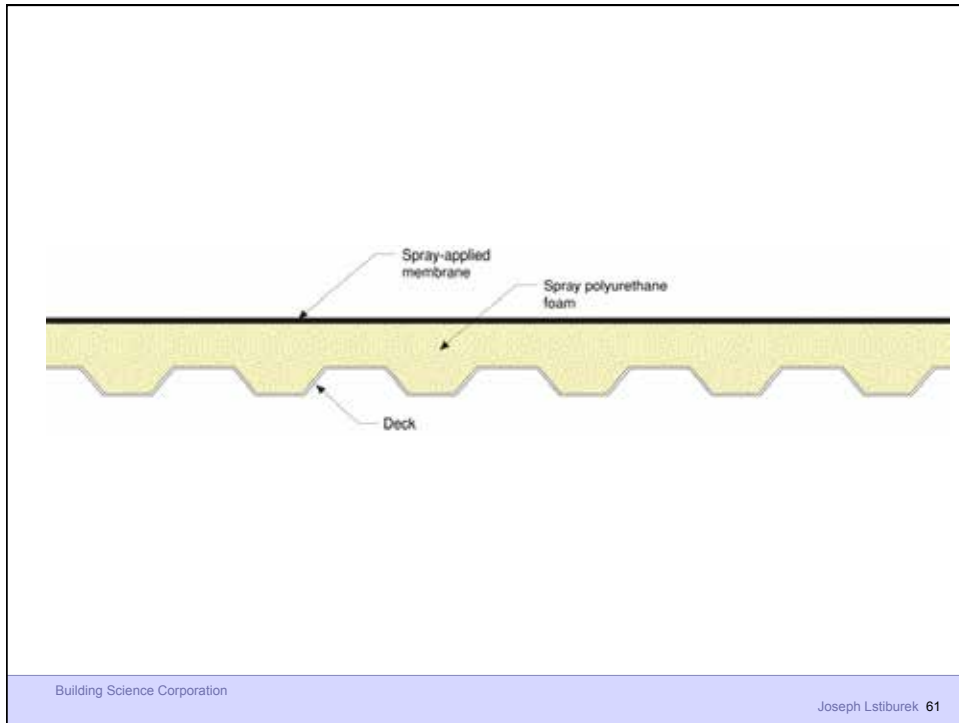
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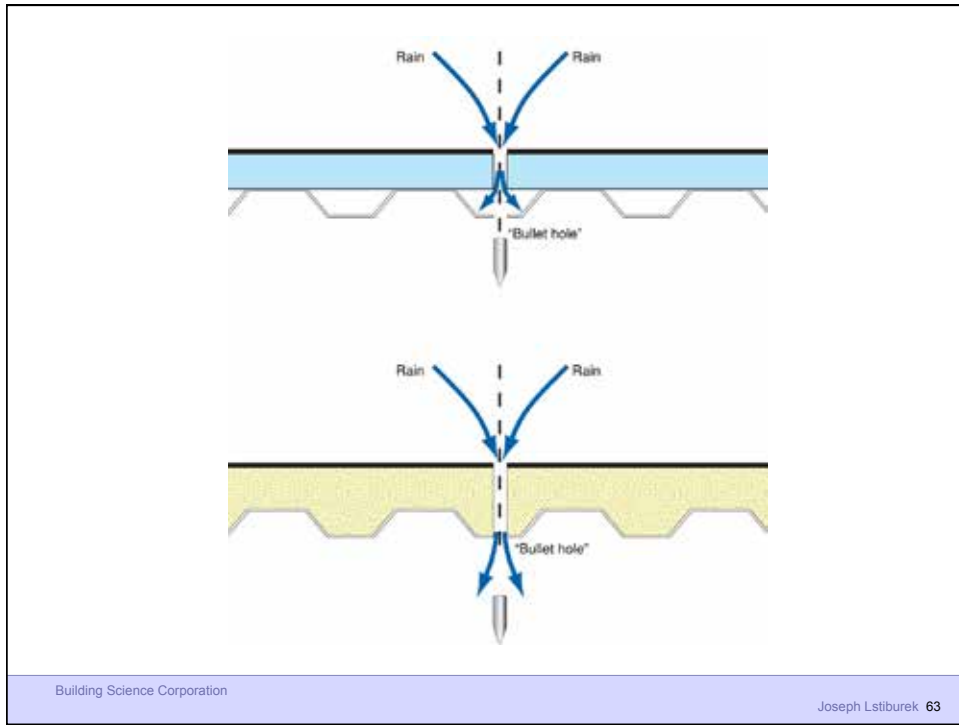


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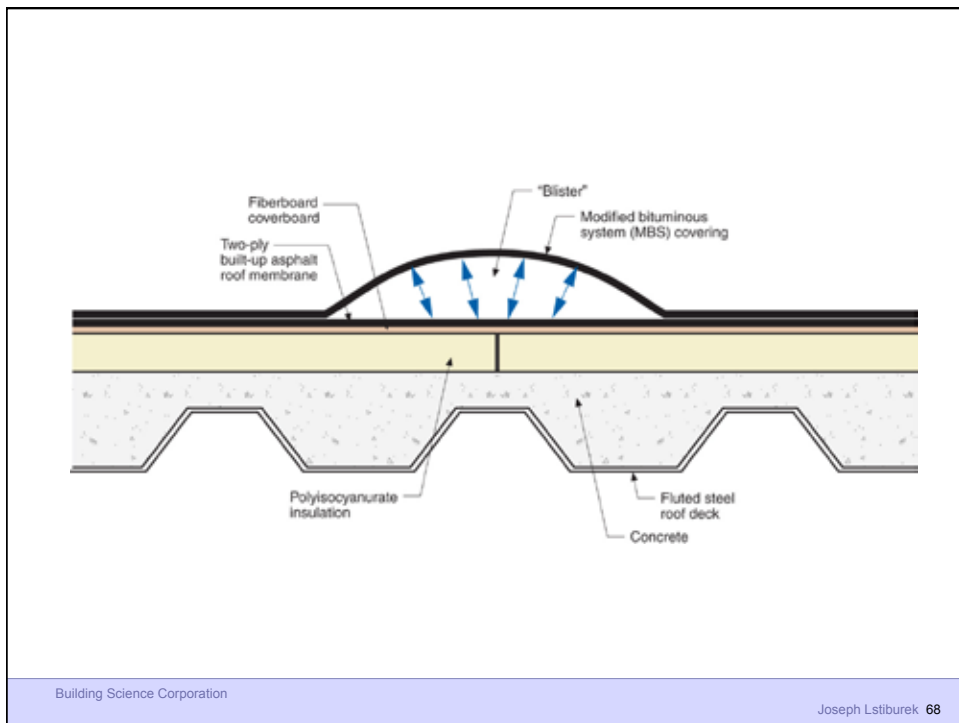
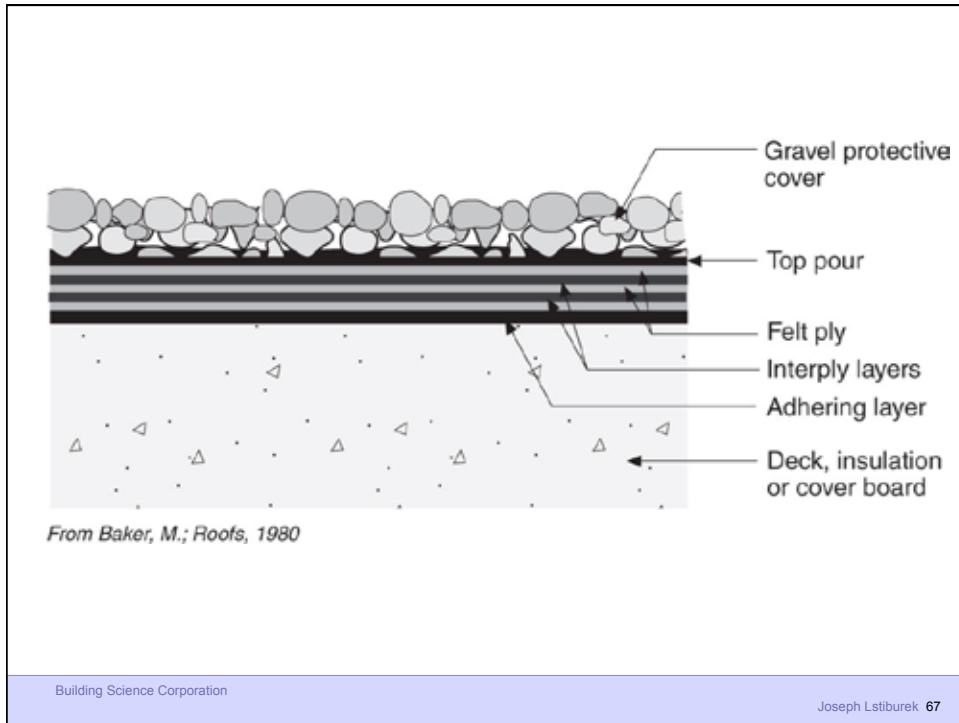
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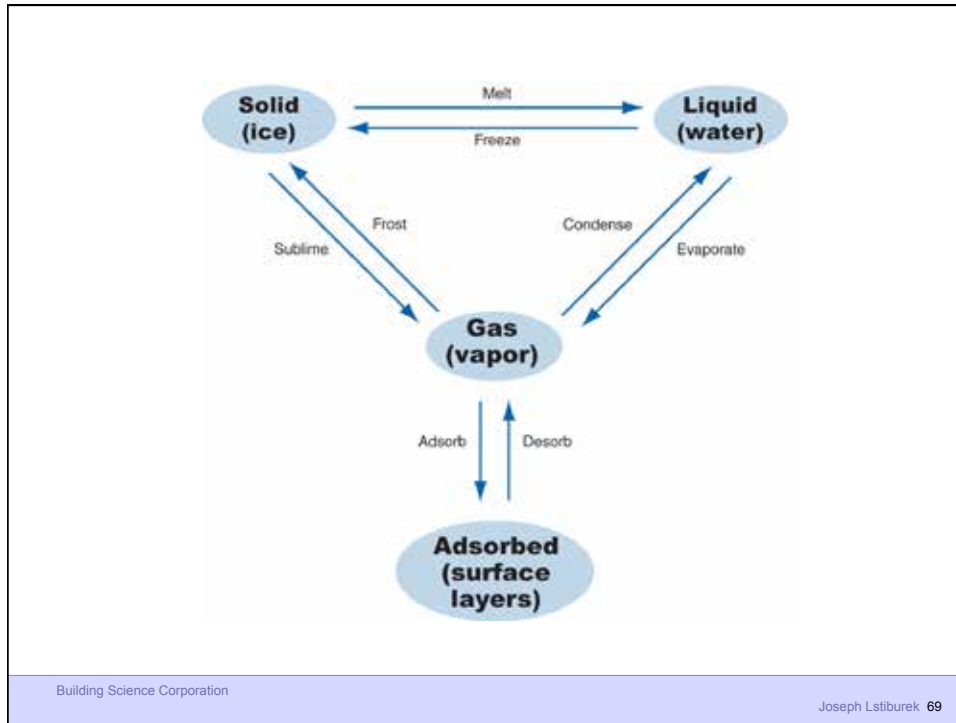








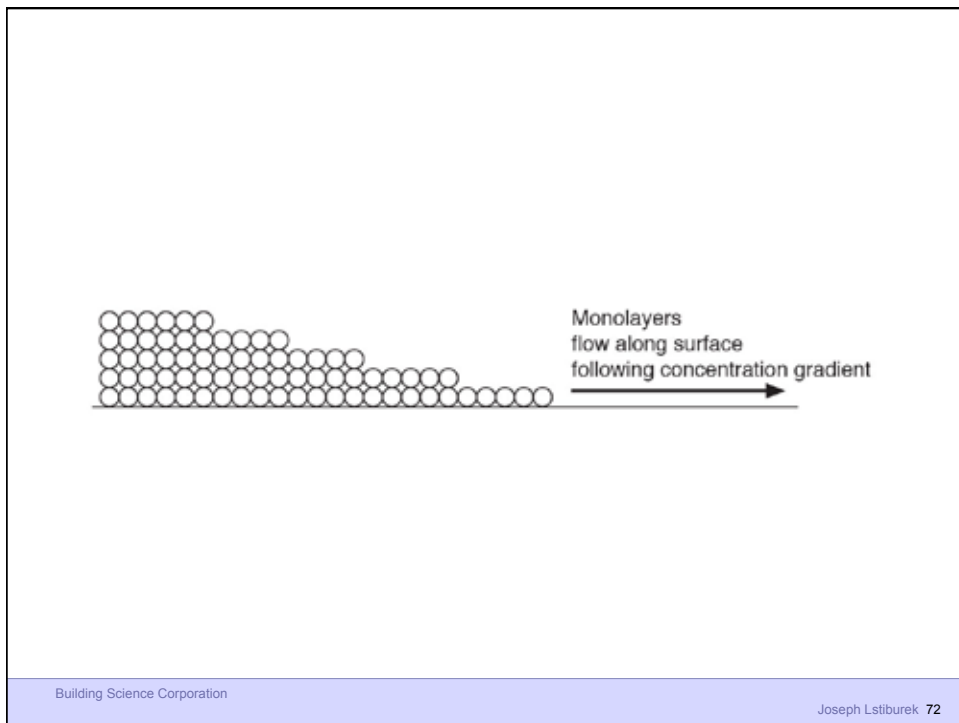
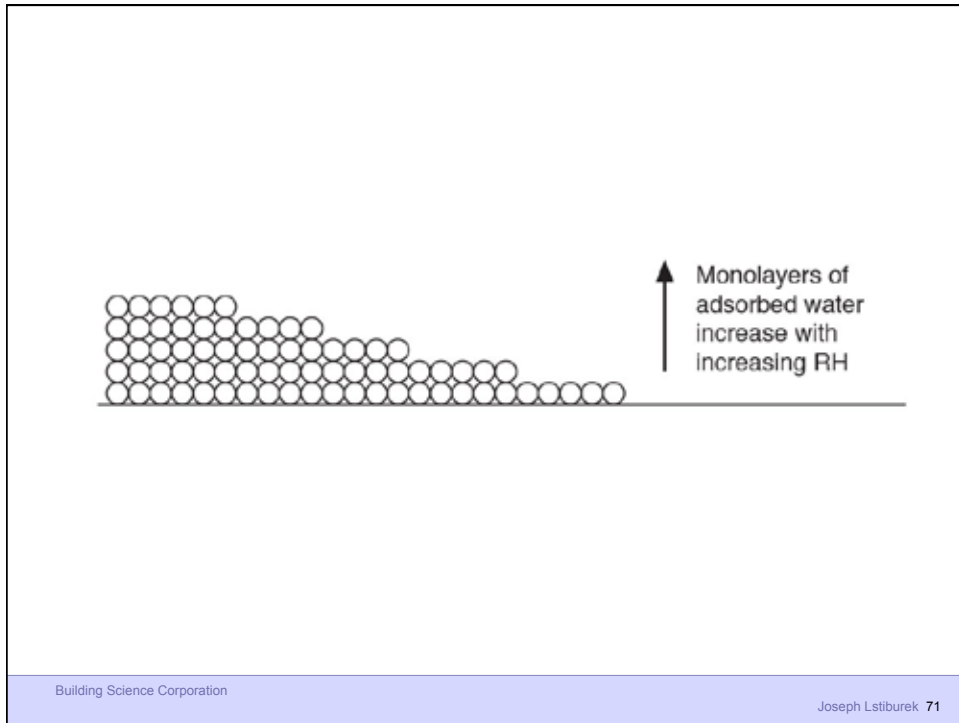


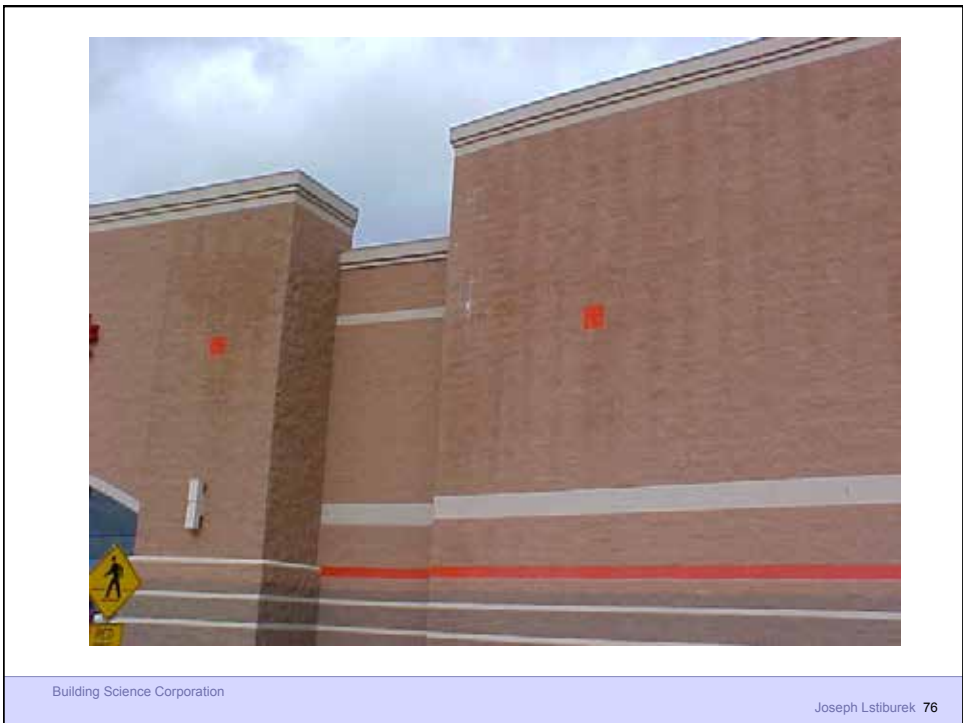
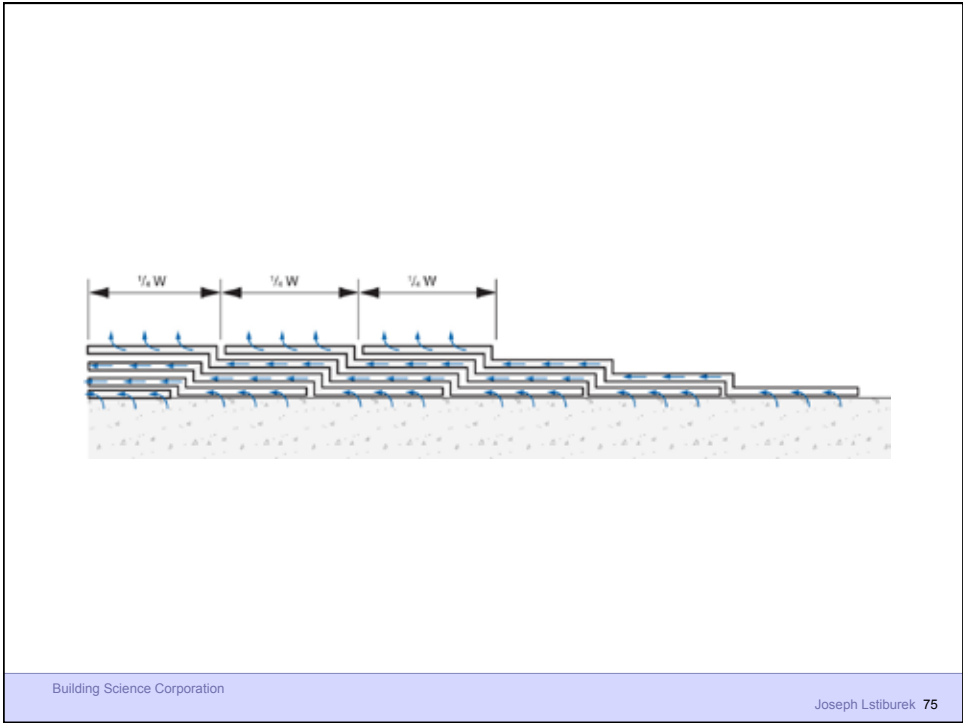


Moisture Transport in Porous Media

Phase	Transport Process	Driving Potential
Vapor	Diffusion	Vapor Concentration
Adsorbate	Surface Diffusion	Concentration
Liquid	Capillary Flow Osmosis	Suction Pressure Solute Concentration

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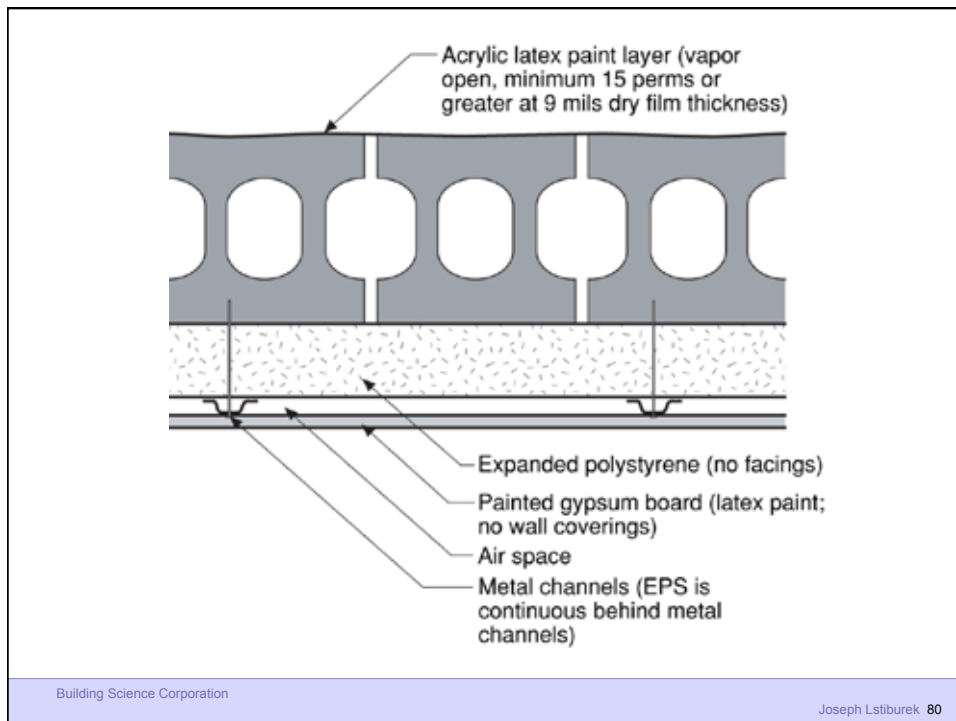
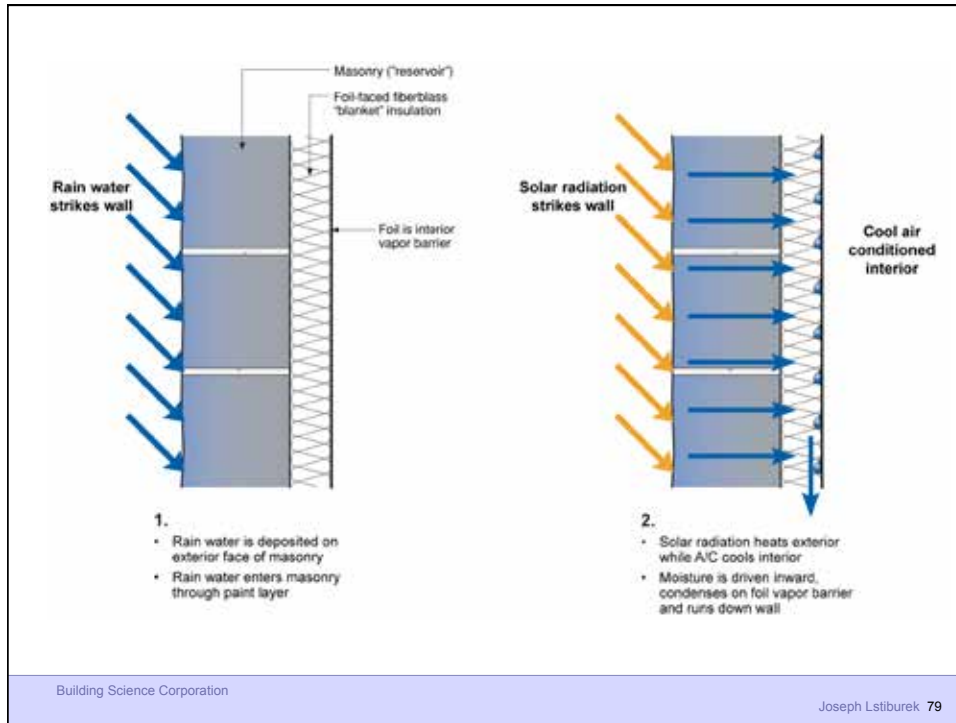
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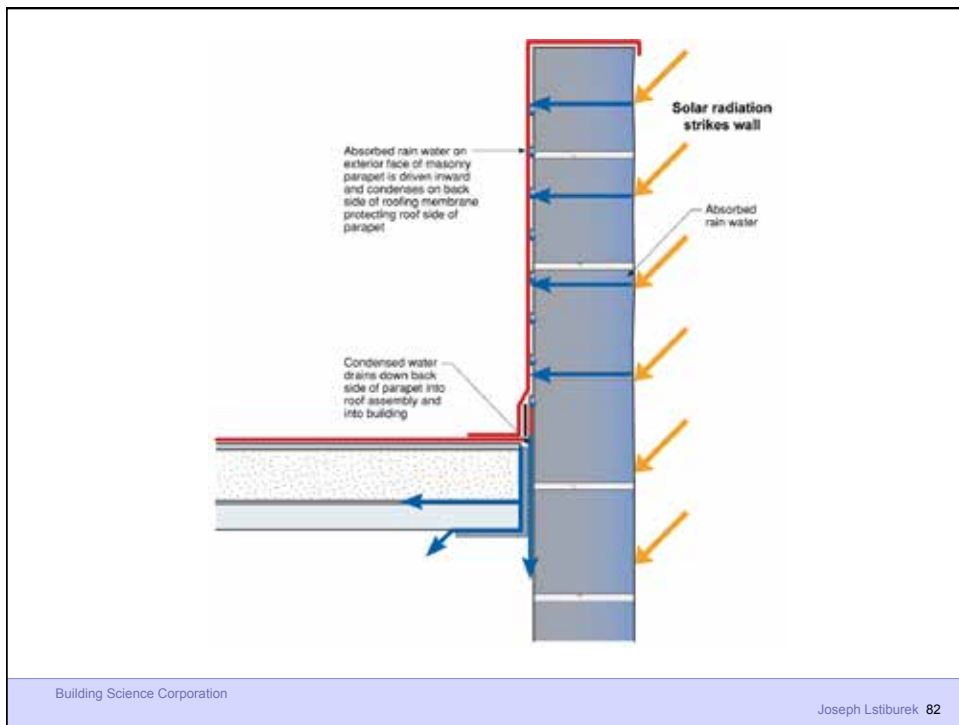
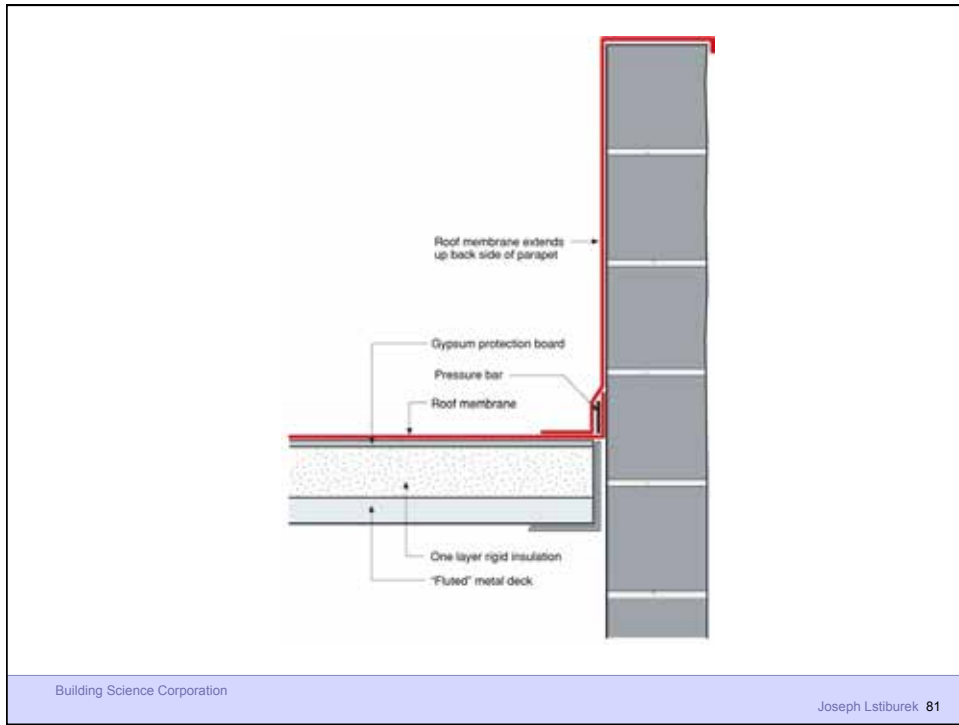
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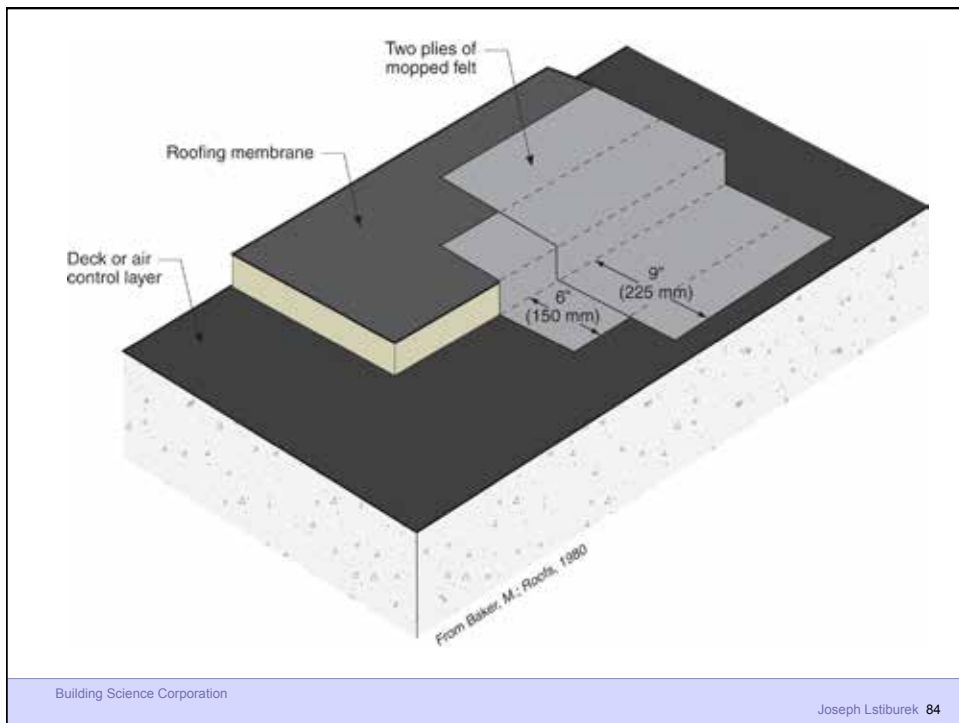
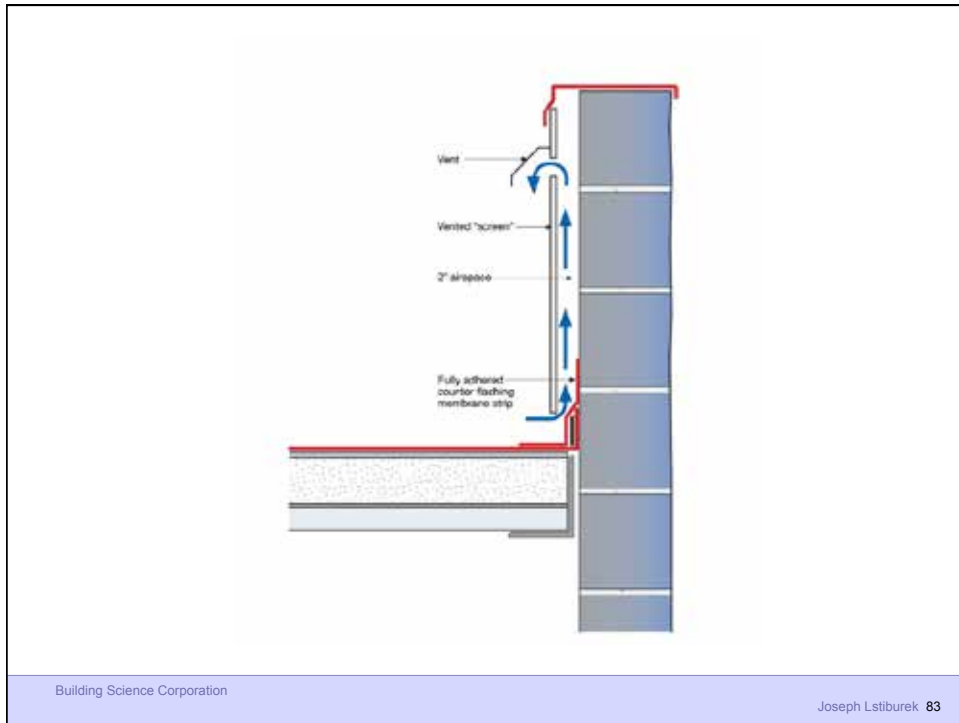


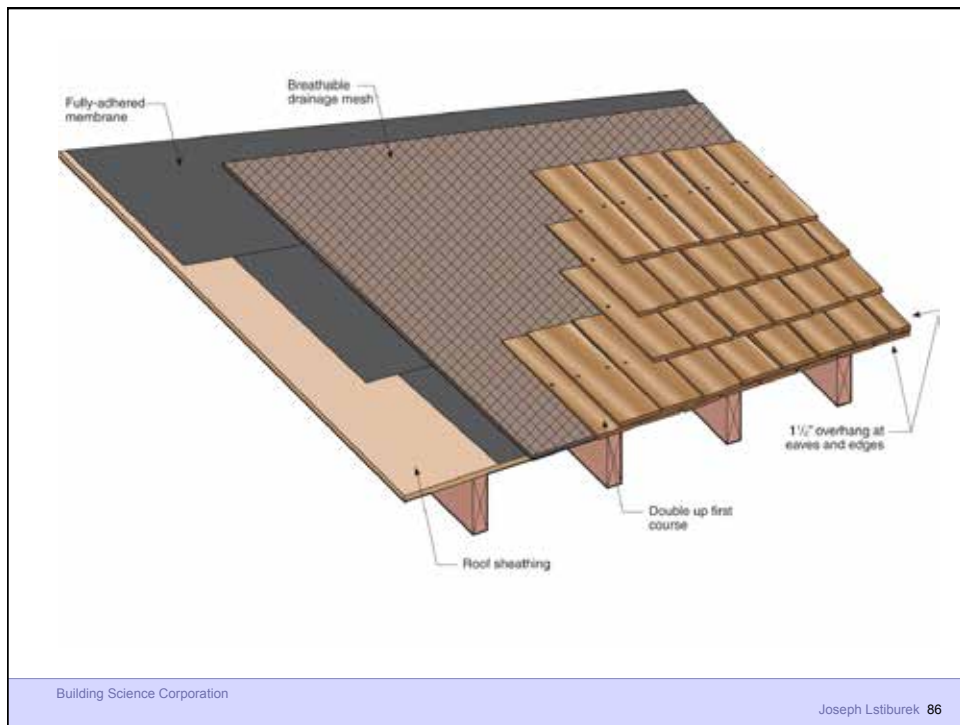
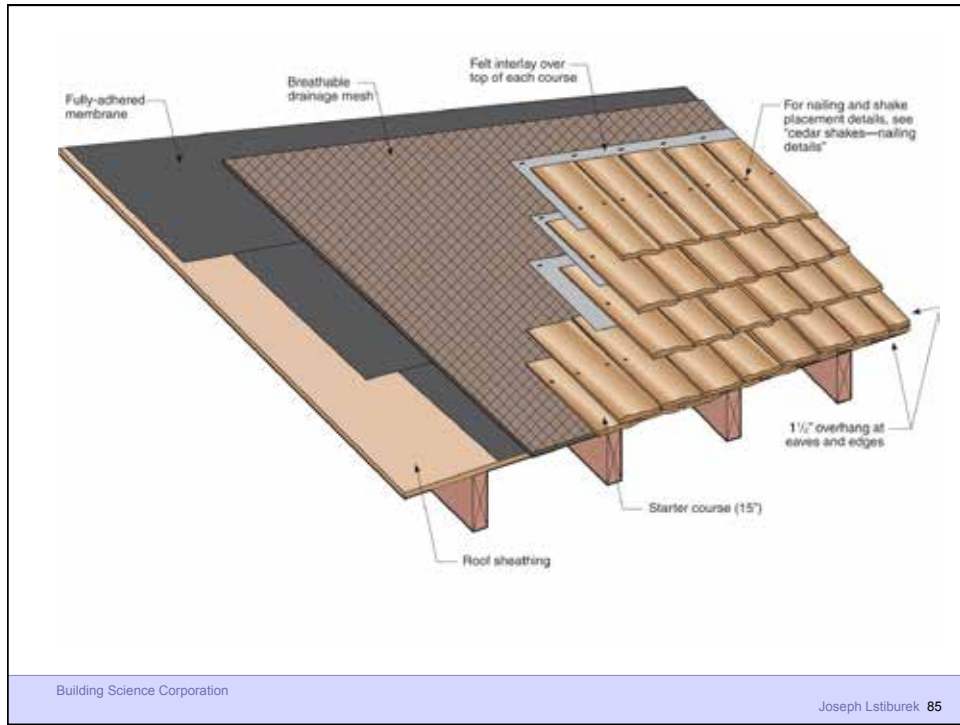
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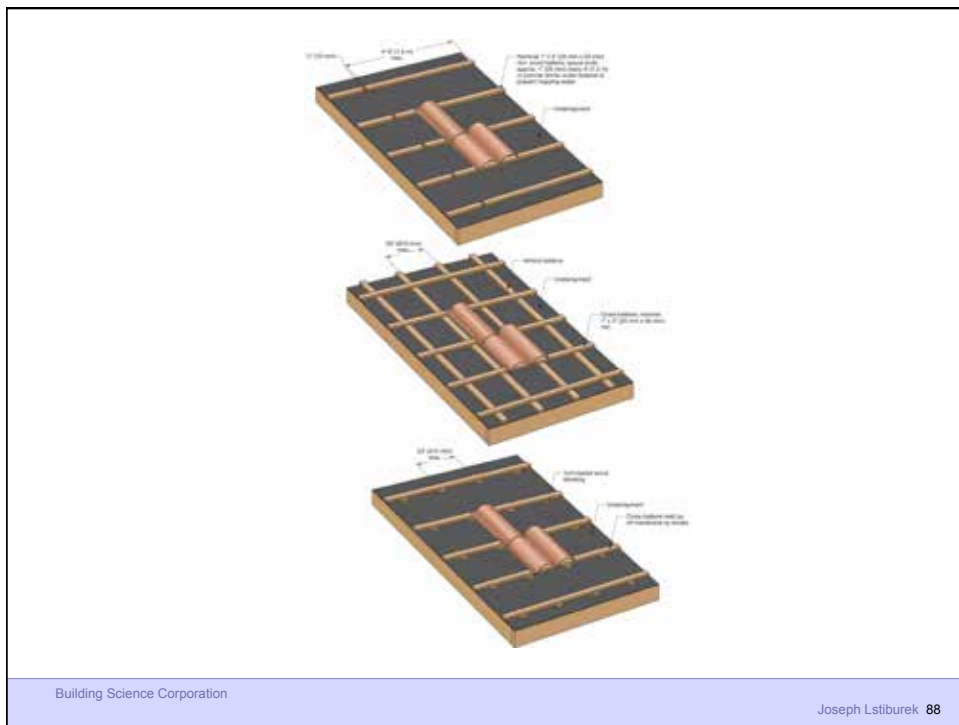
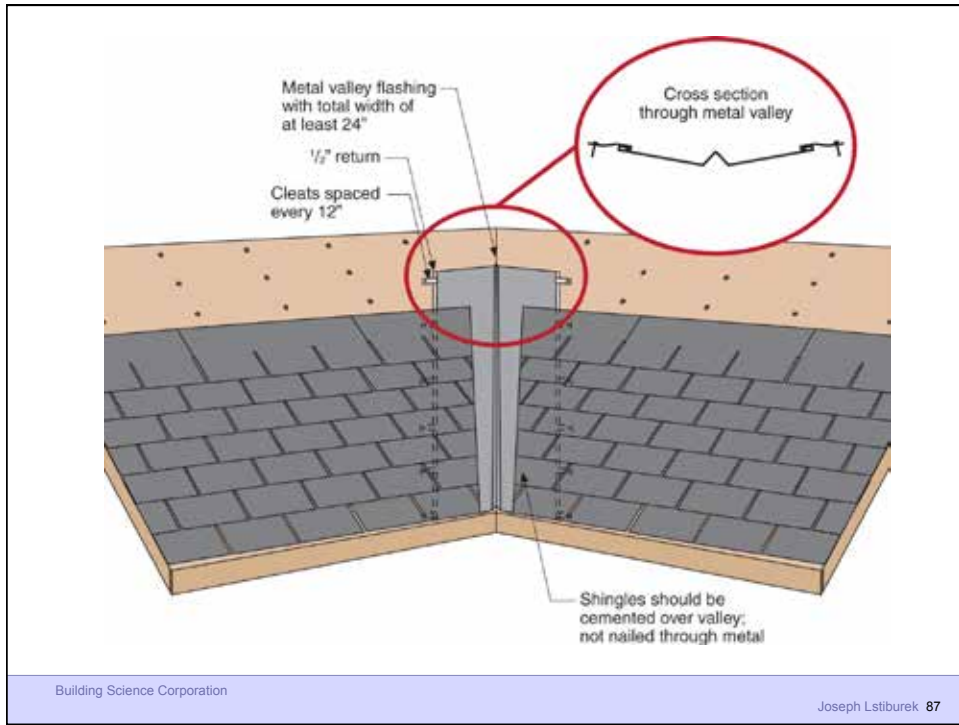
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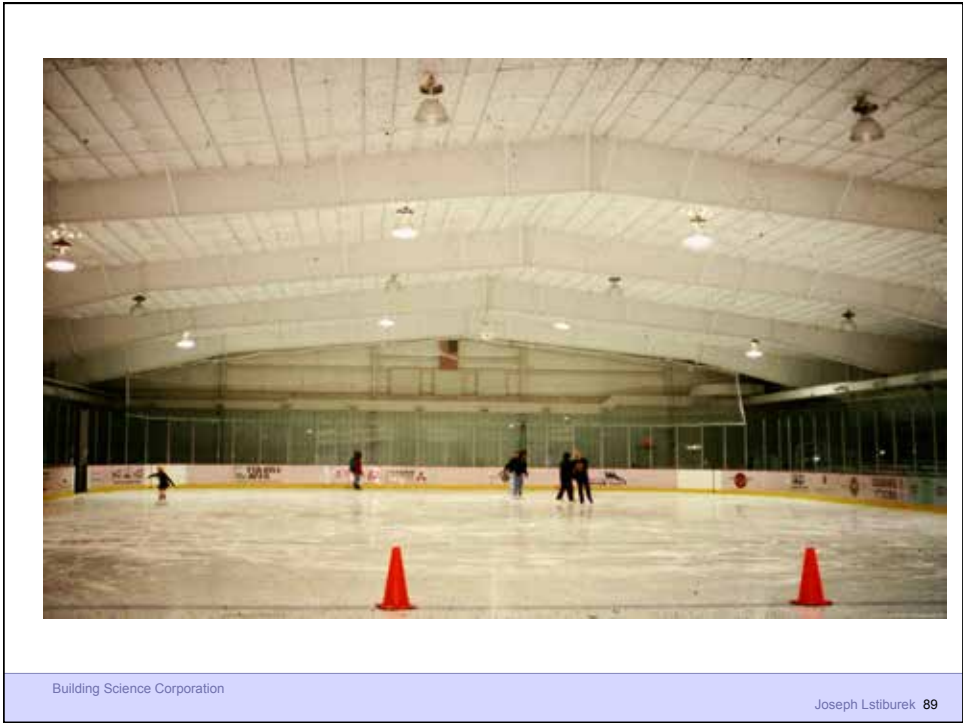








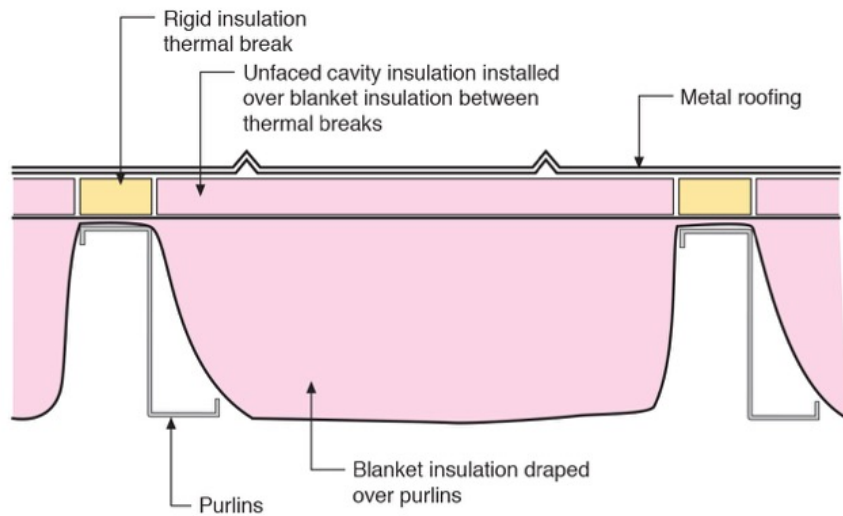






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Blanket Insulation Purlin Roof System

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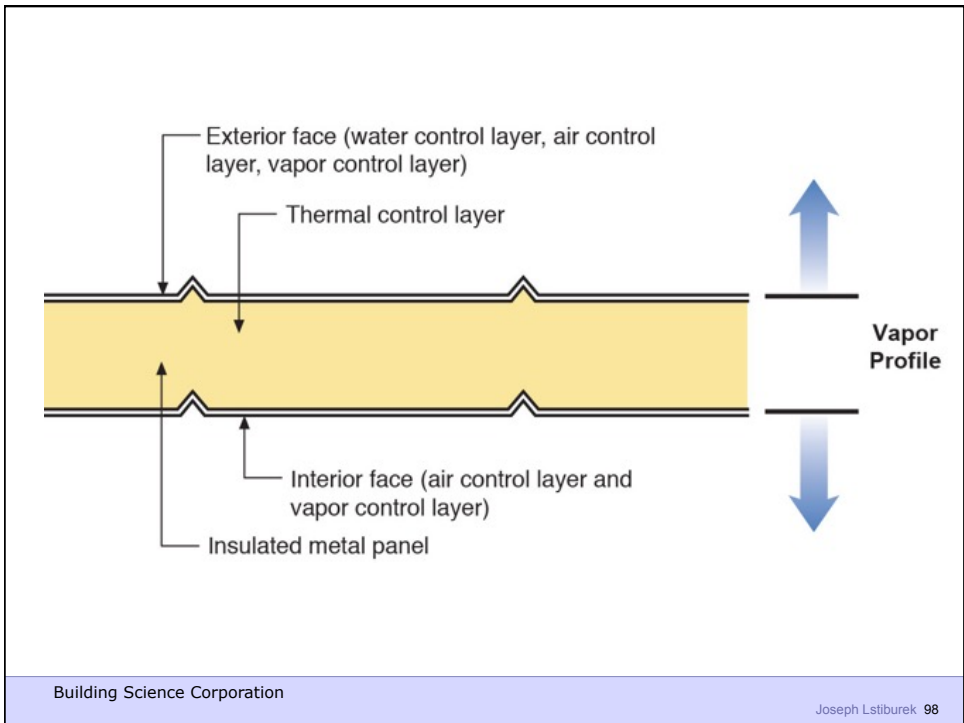
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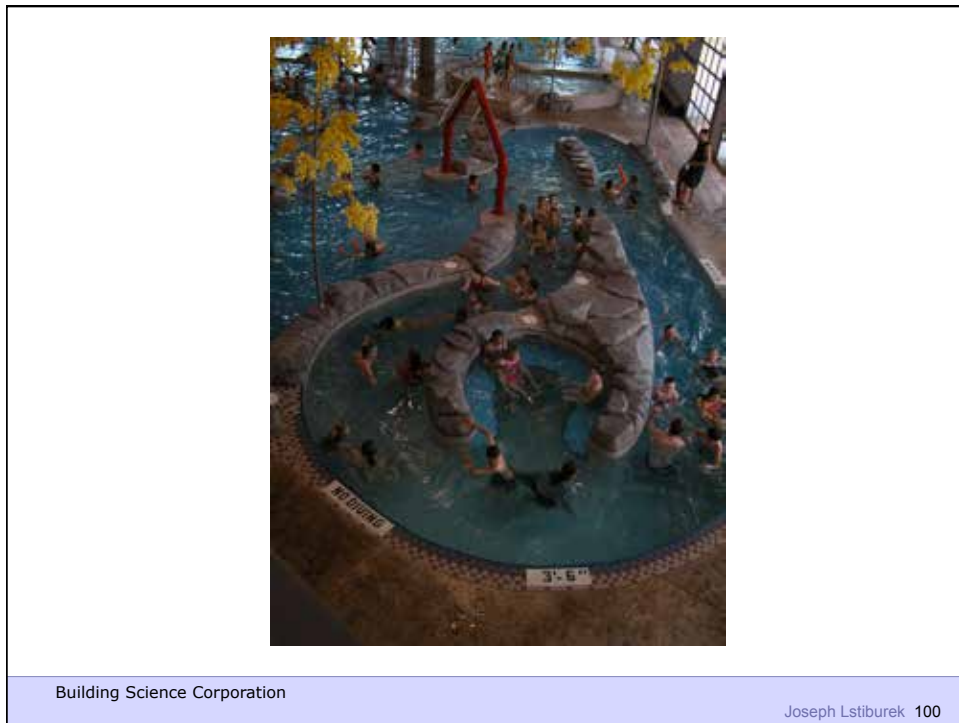
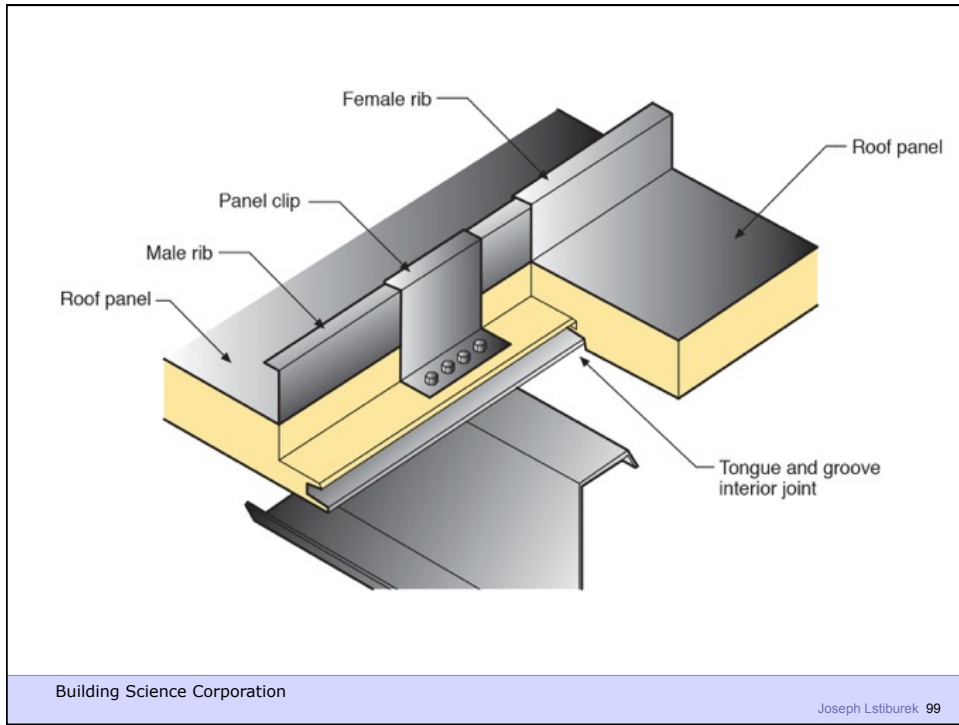
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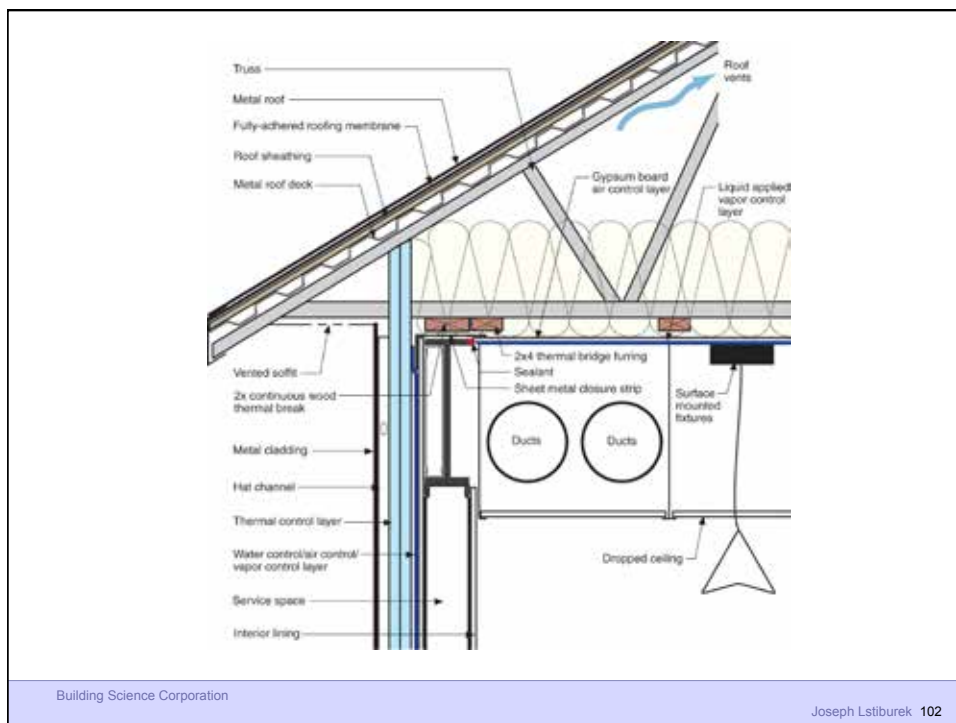
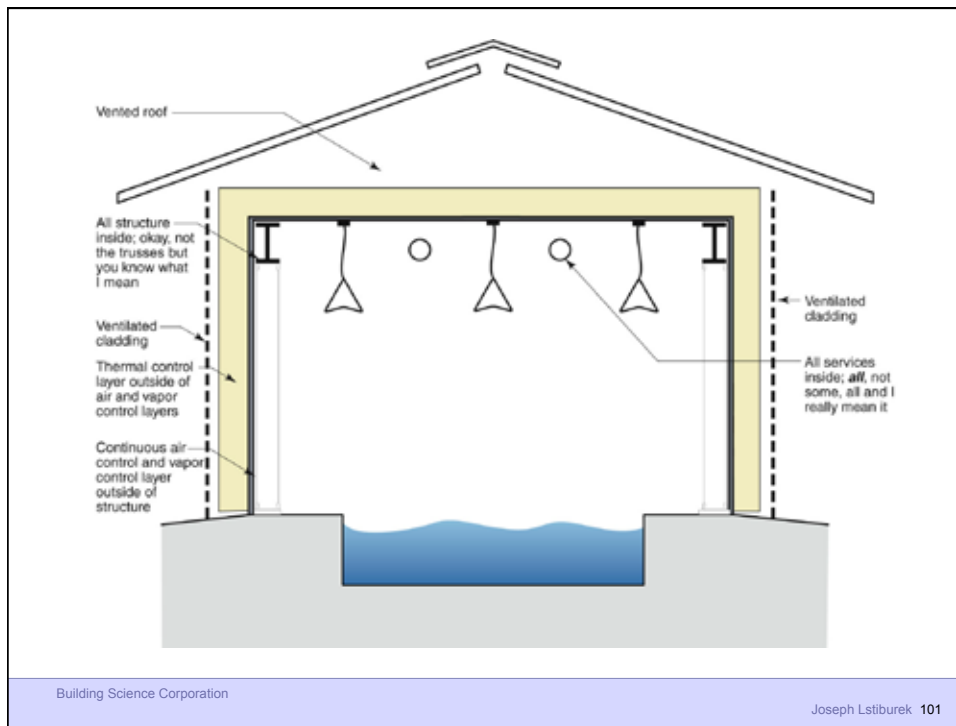


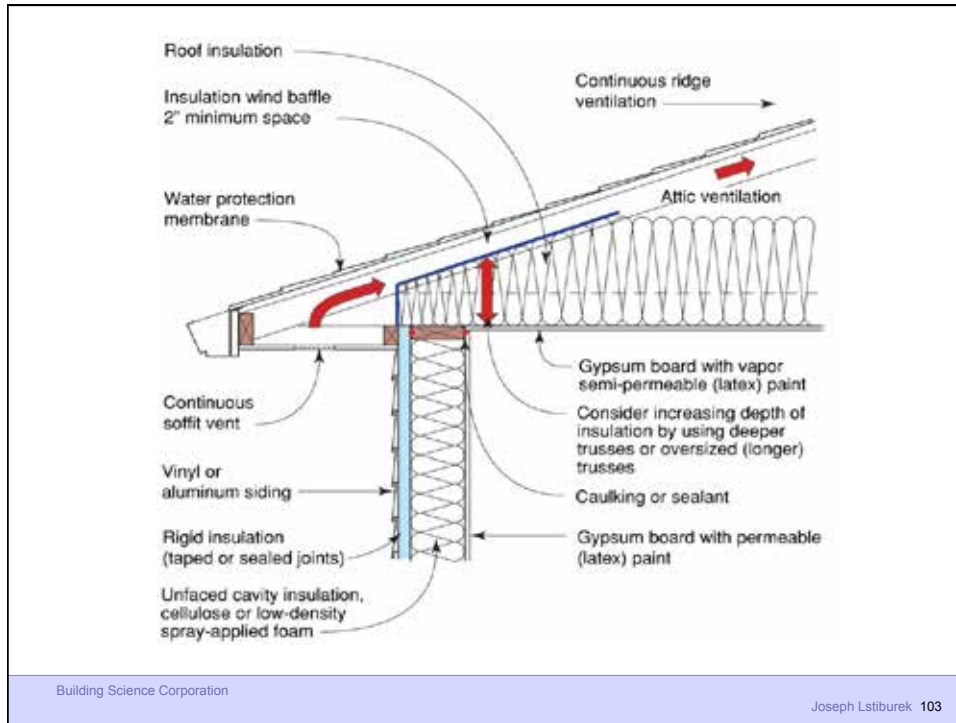
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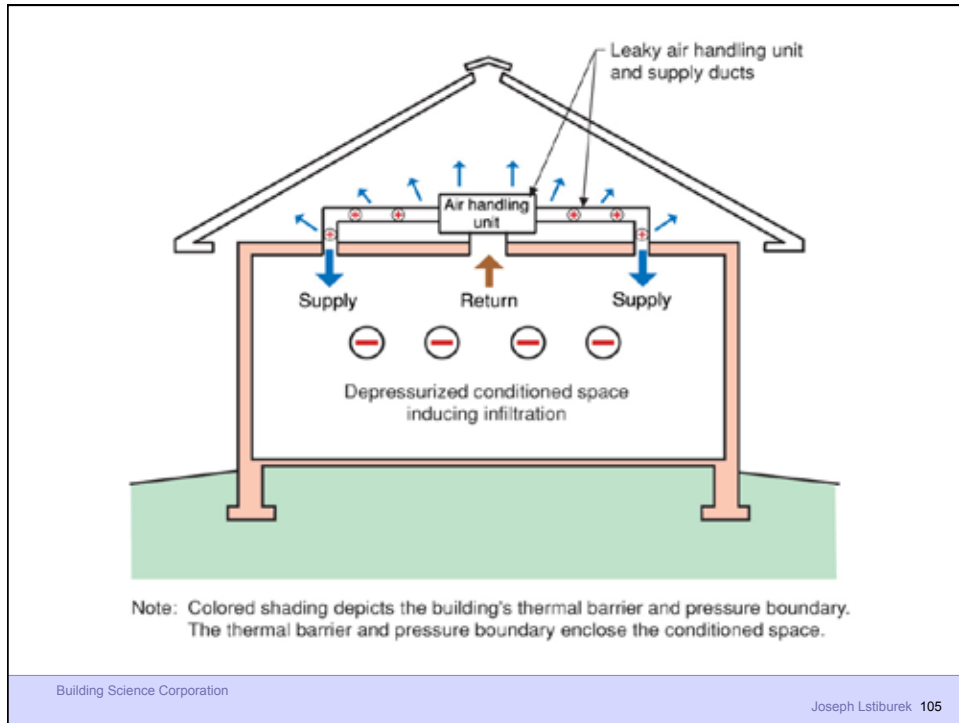
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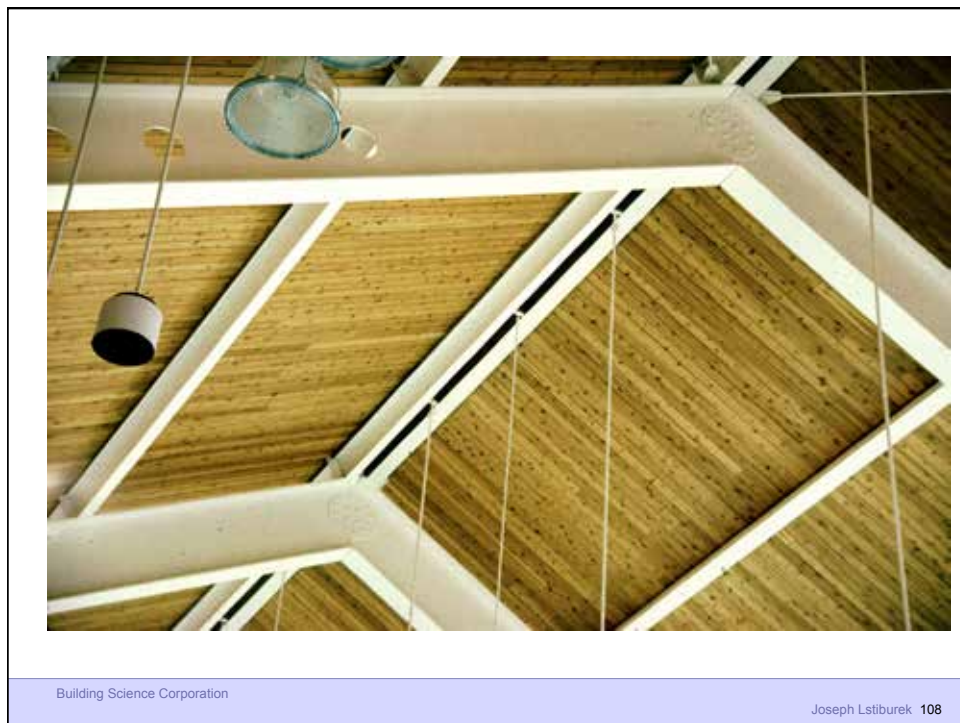
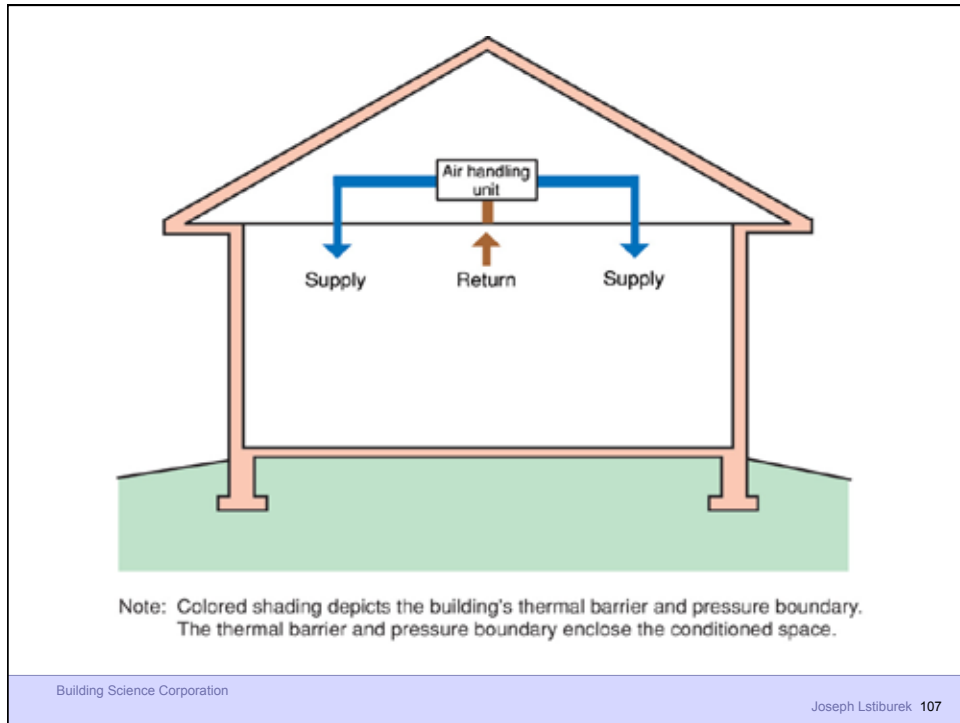


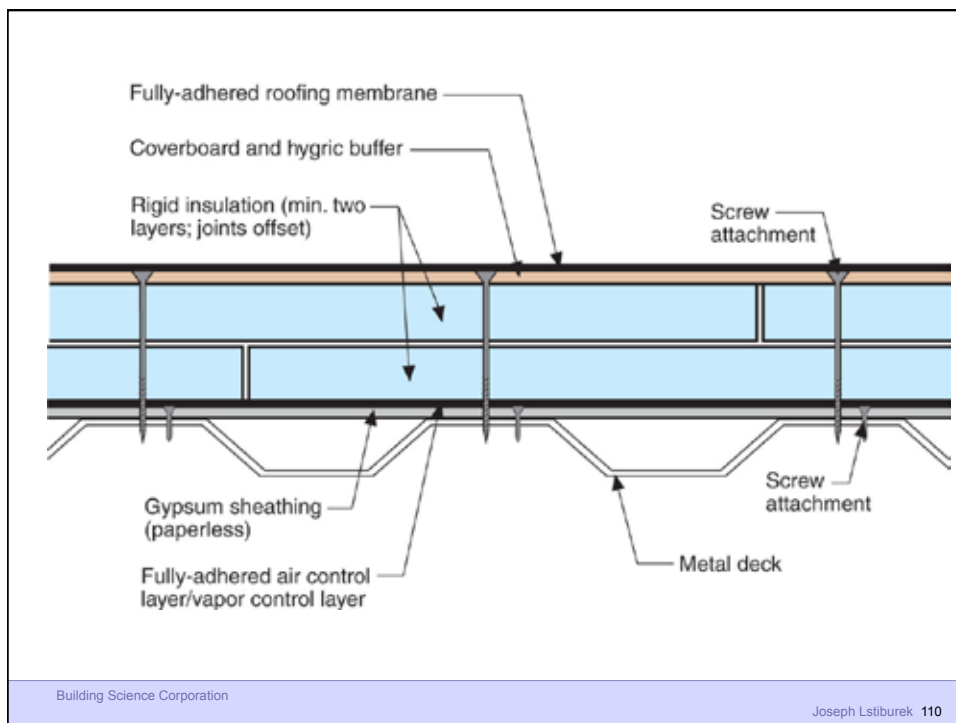
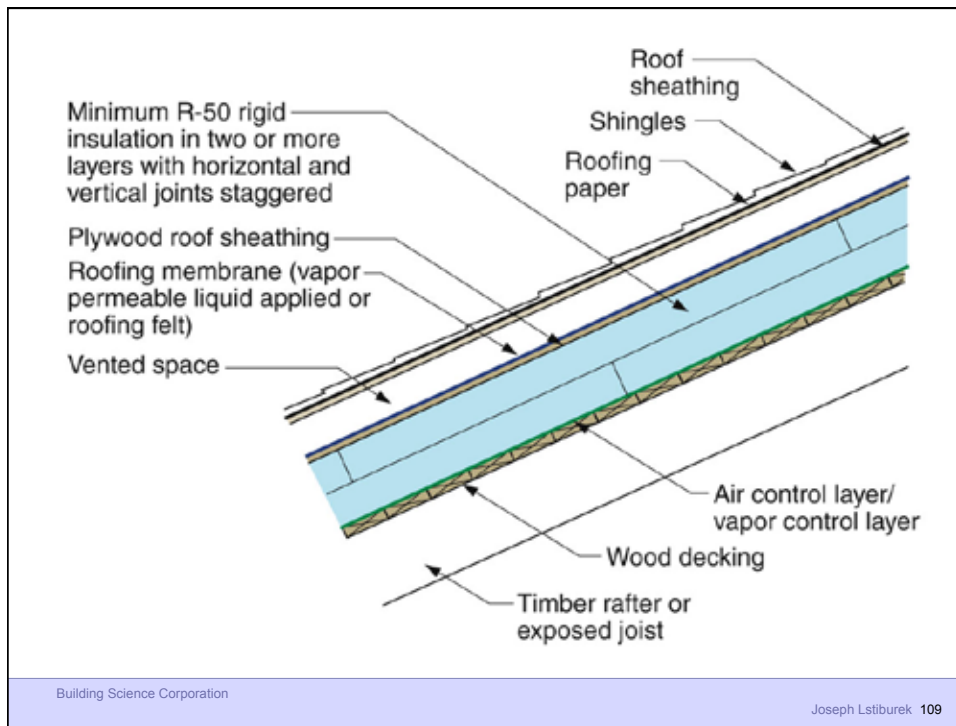


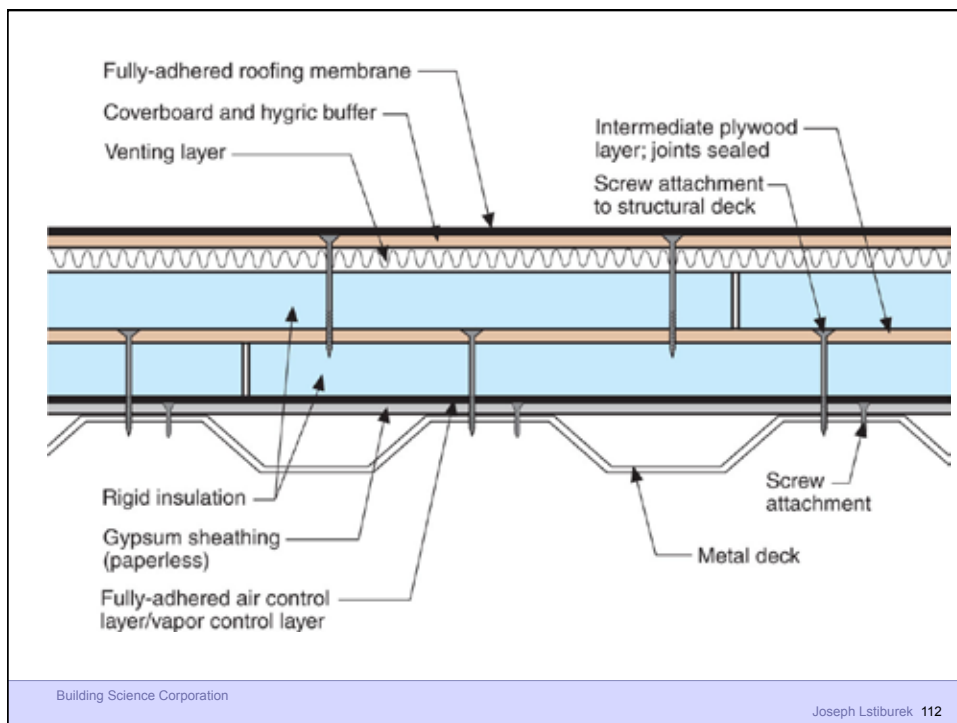
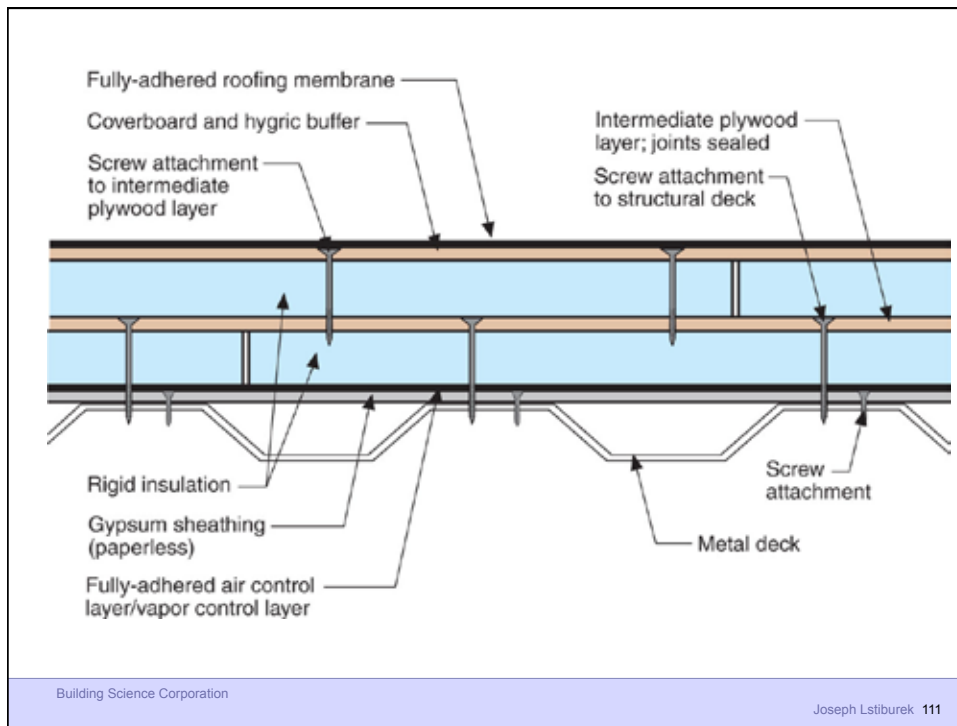














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