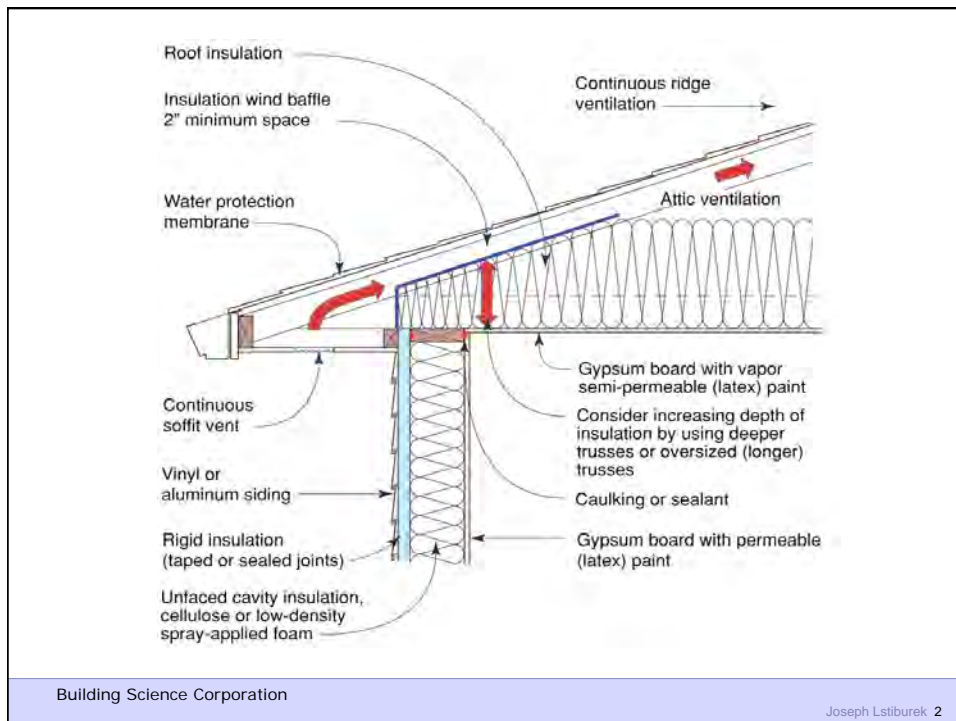


Joseph Lstiburek, Ph.D., P.Eng, ASHRAE Fellow

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## Roofs

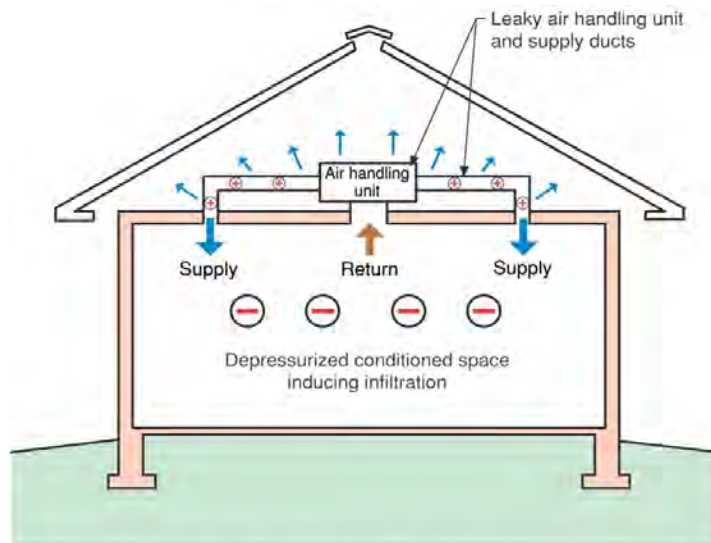
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Note: Colored shading depicts the building's thermal barrier and pressure boundary. The thermal barrier and pressure boundary enclose the conditioned space.

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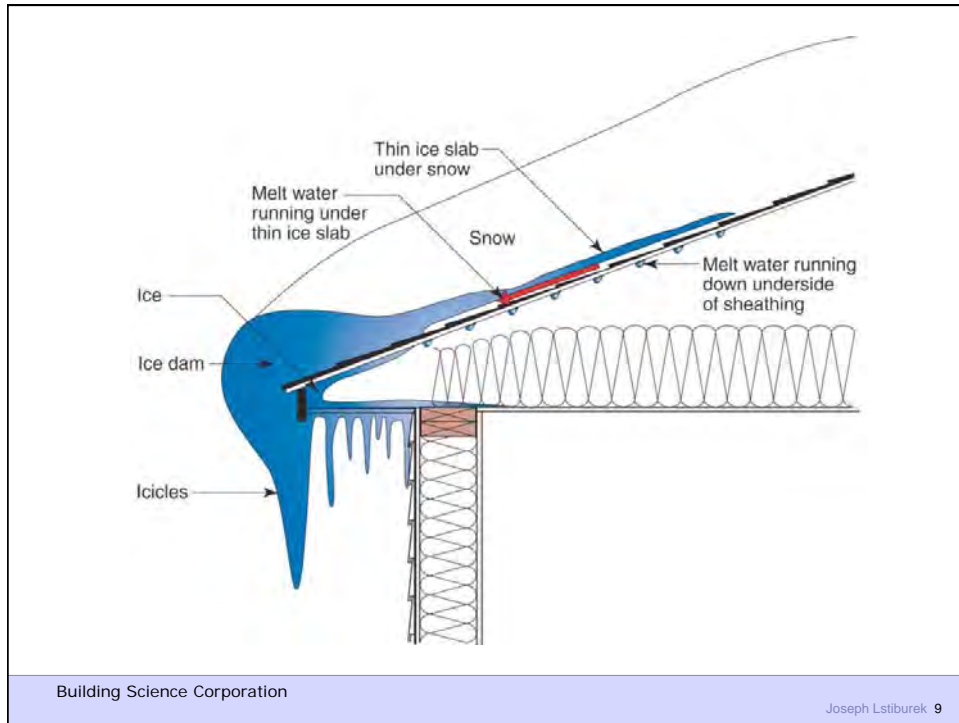
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Joseph Lstiburek 12



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Joseph Lstiburek 13



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Joseph Lstiburek 14



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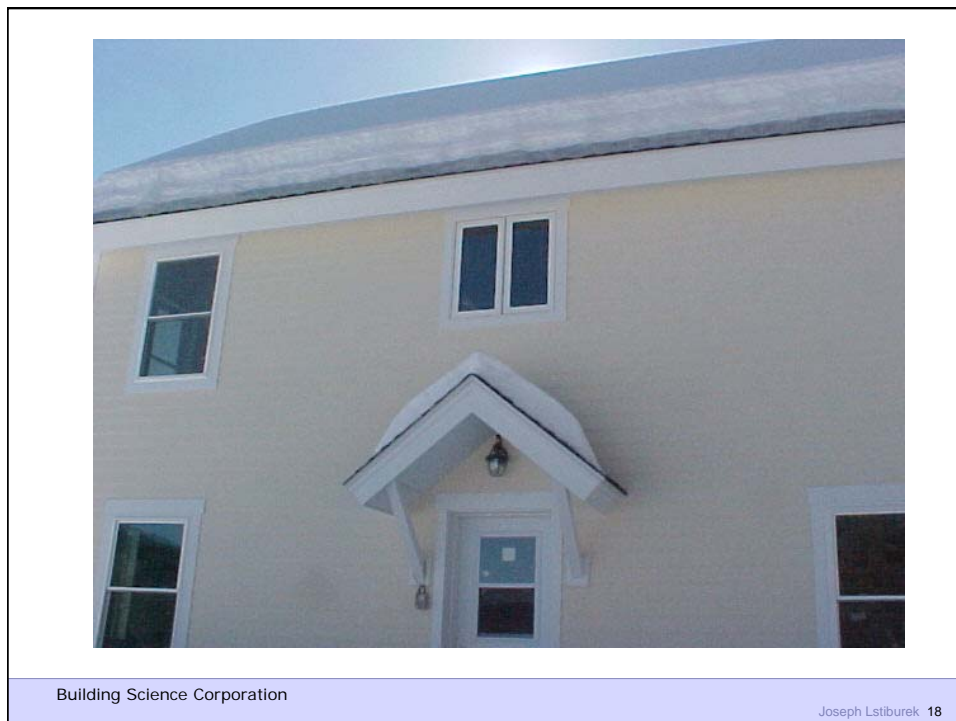
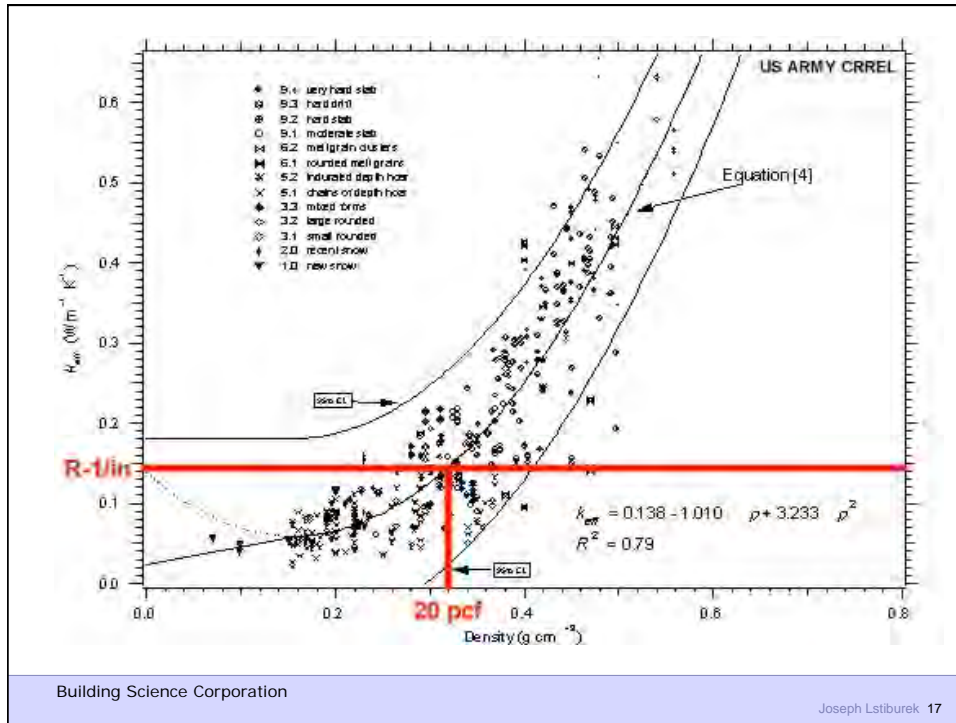
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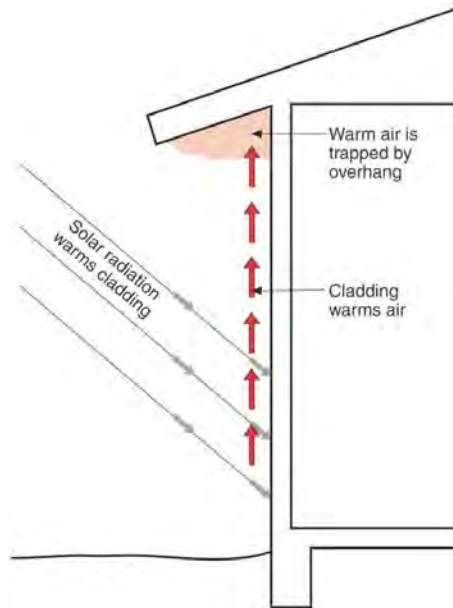
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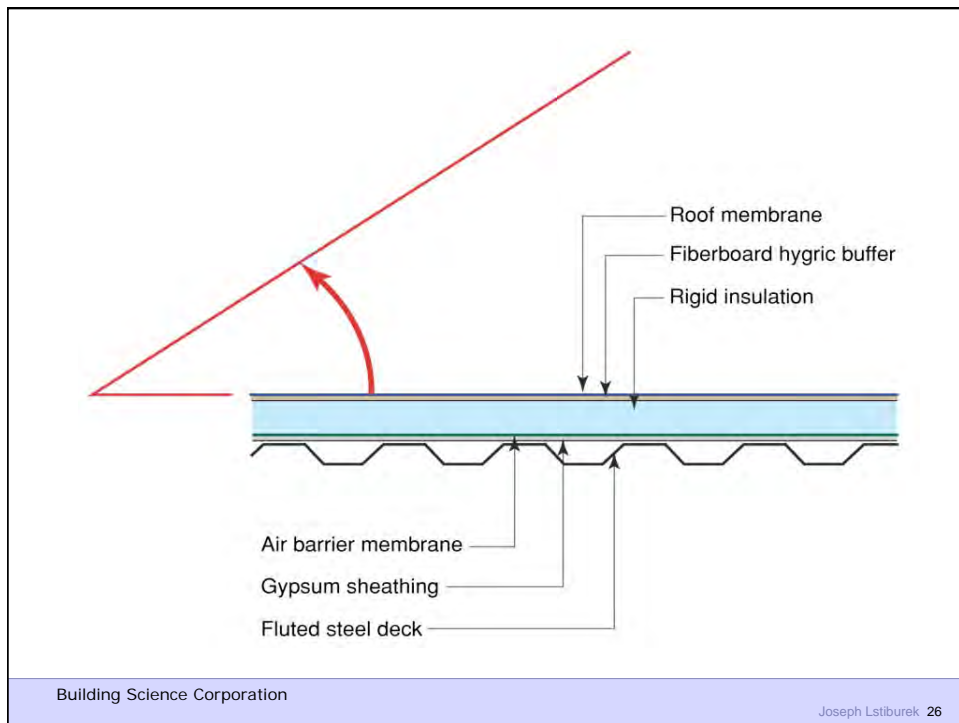
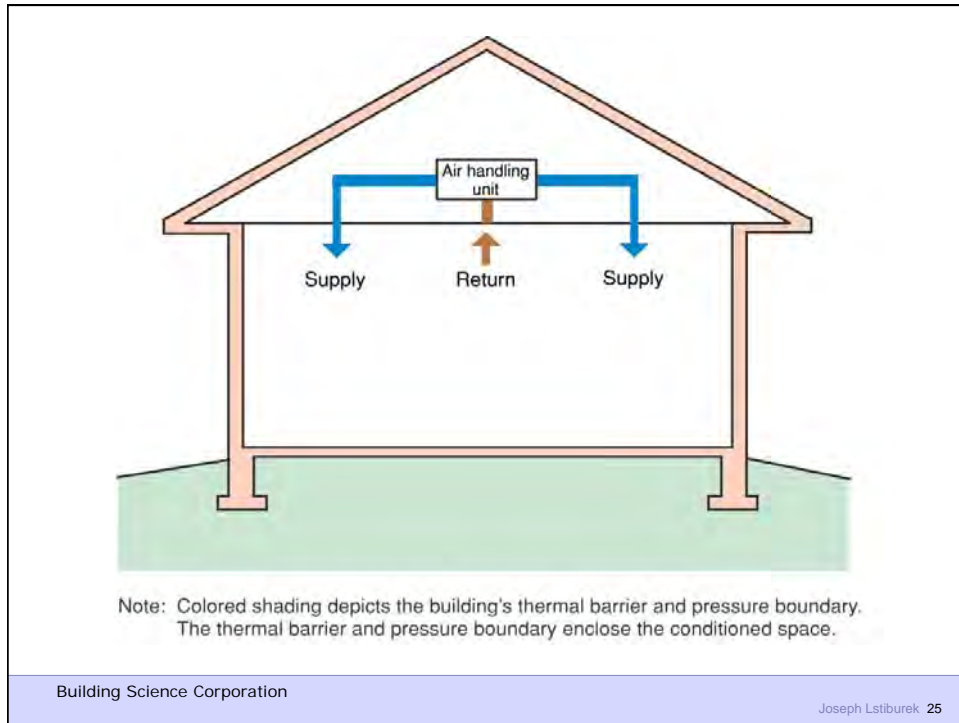
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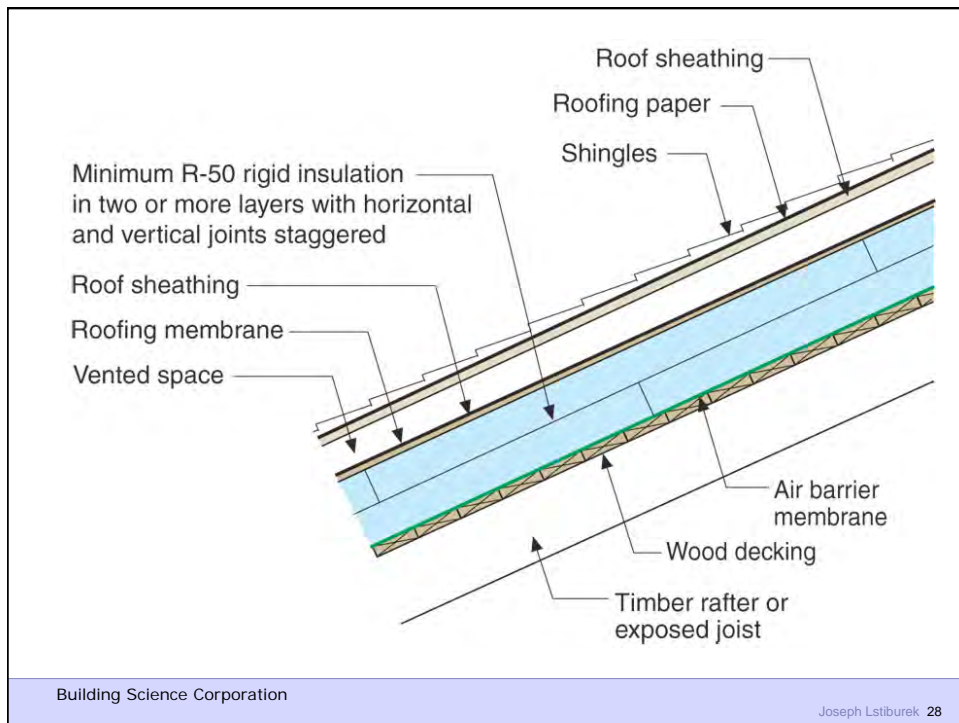
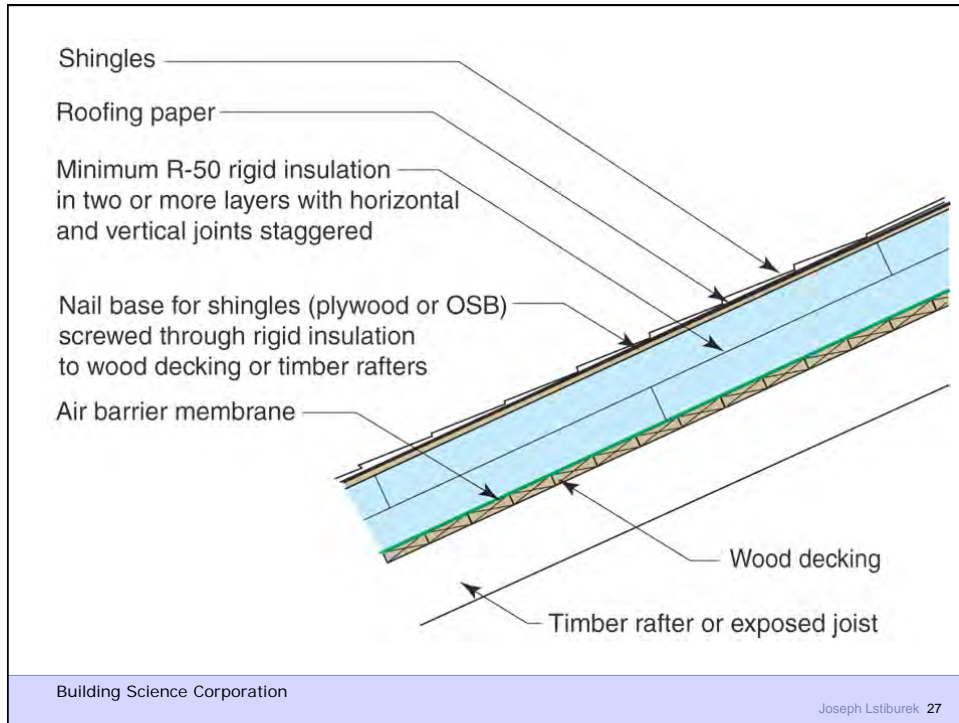
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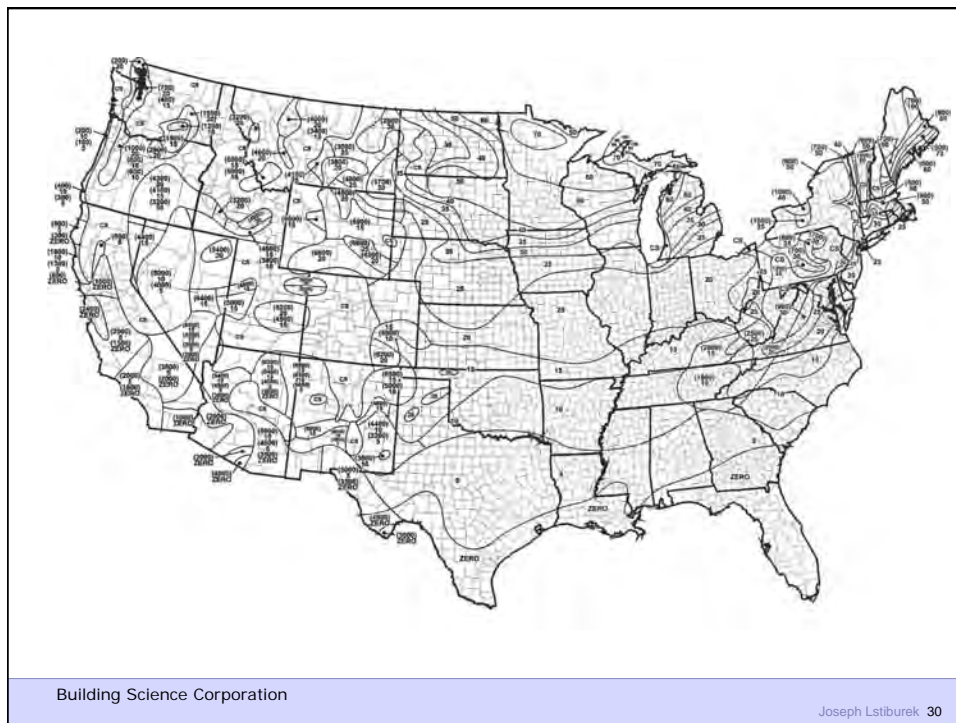
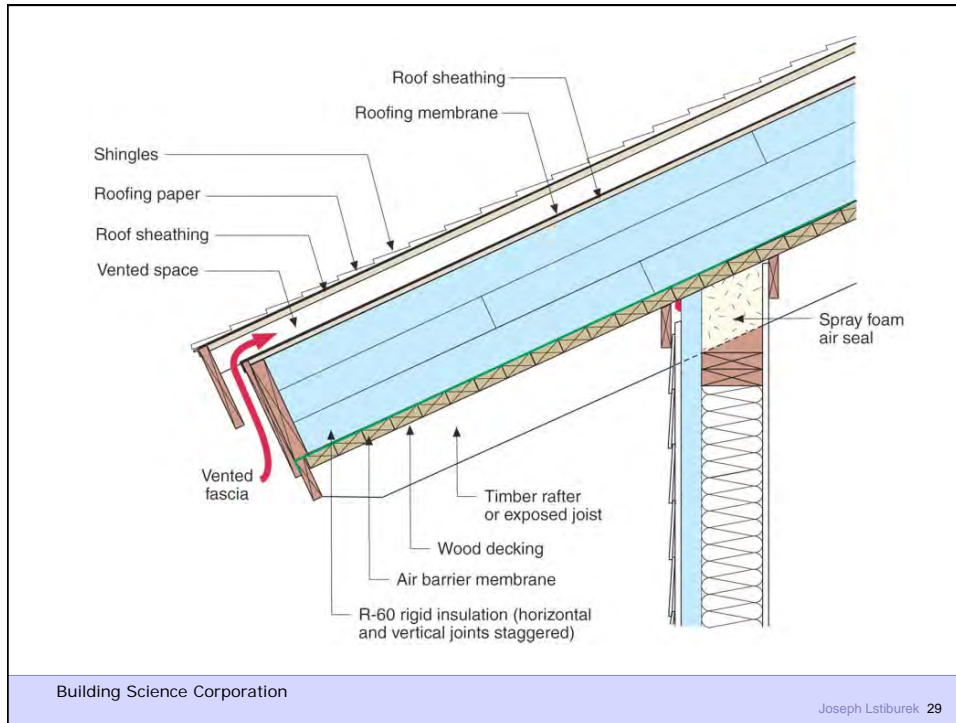


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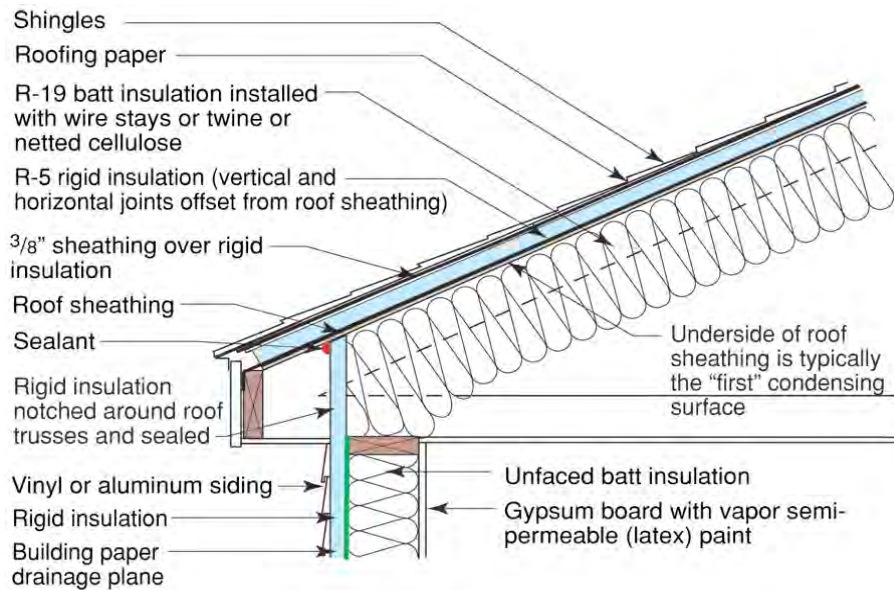


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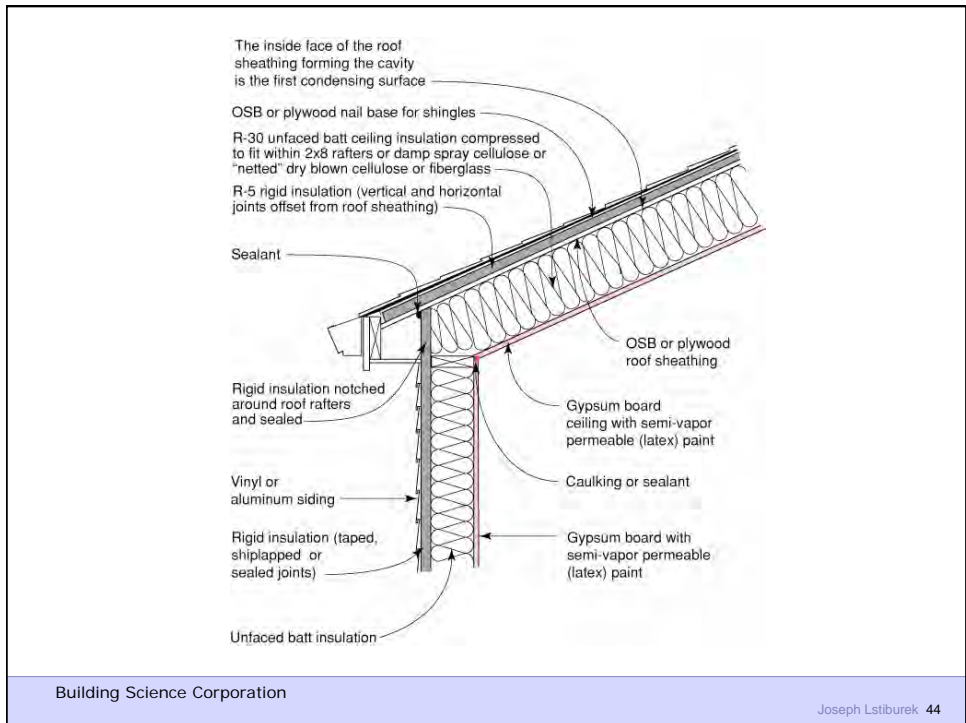
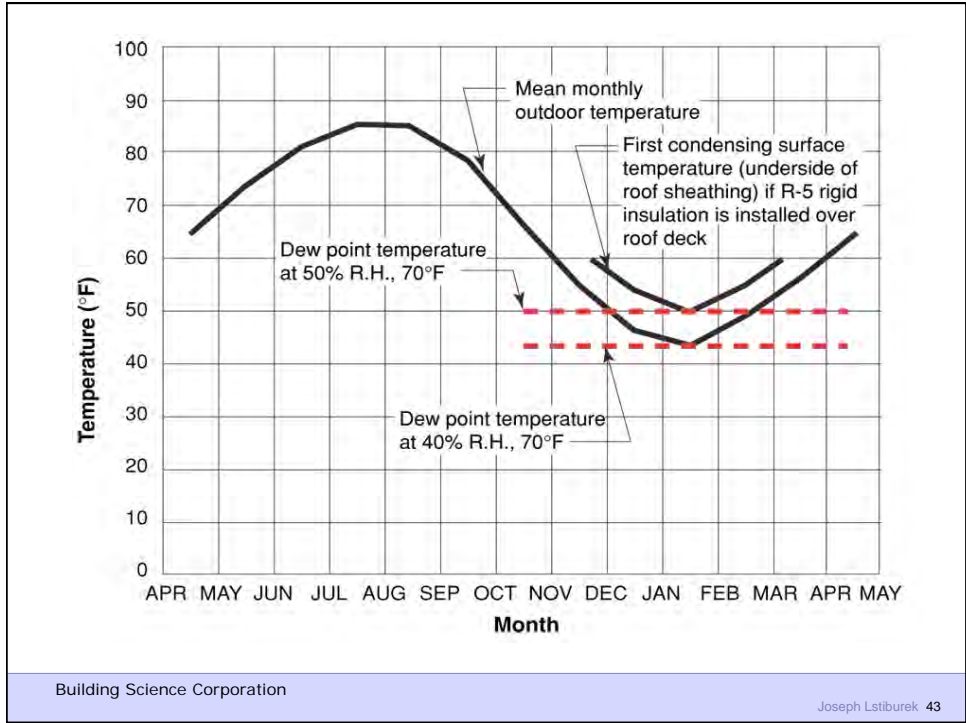
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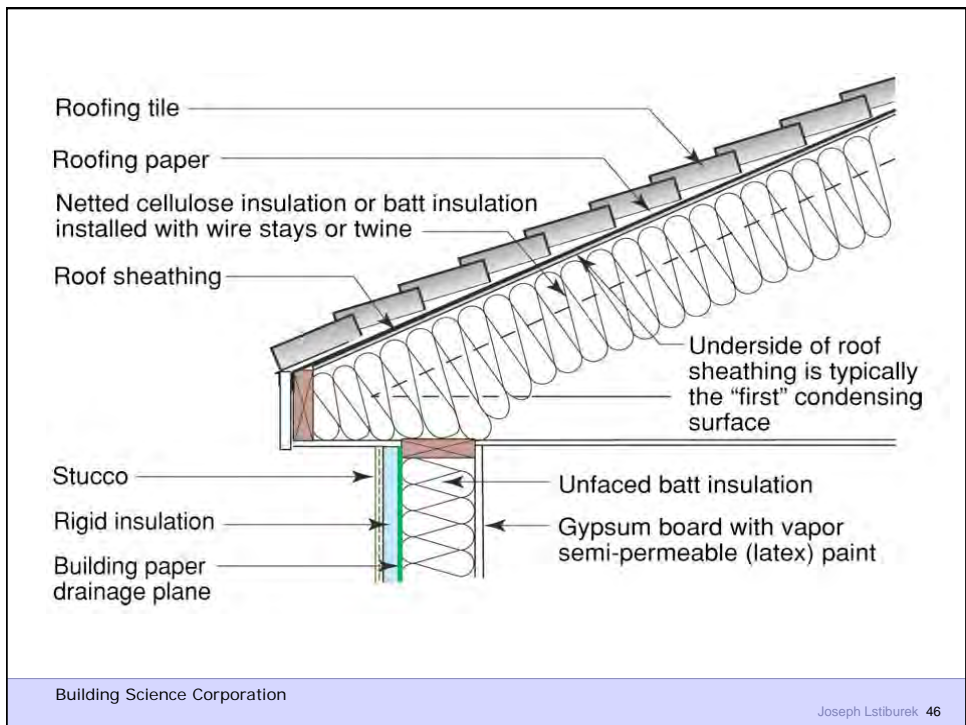
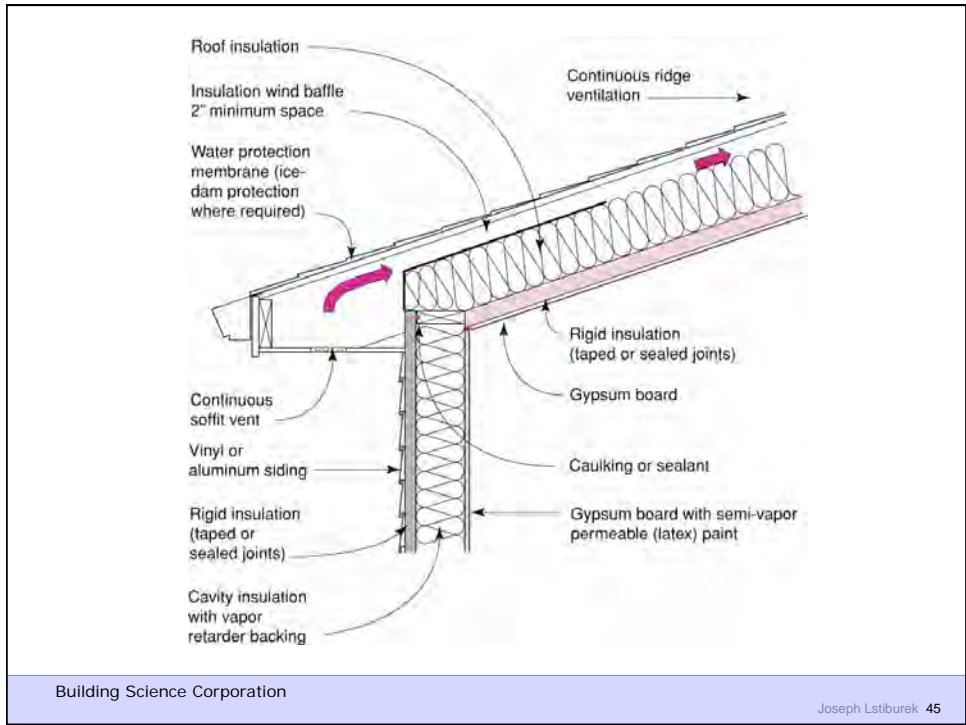
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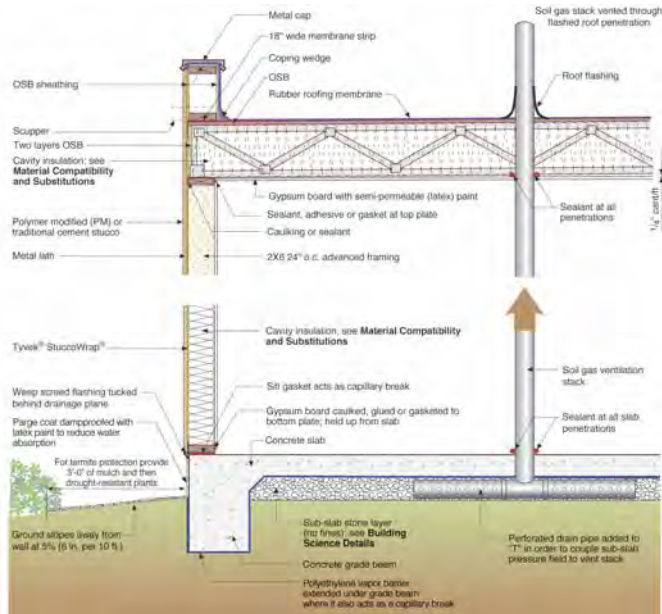
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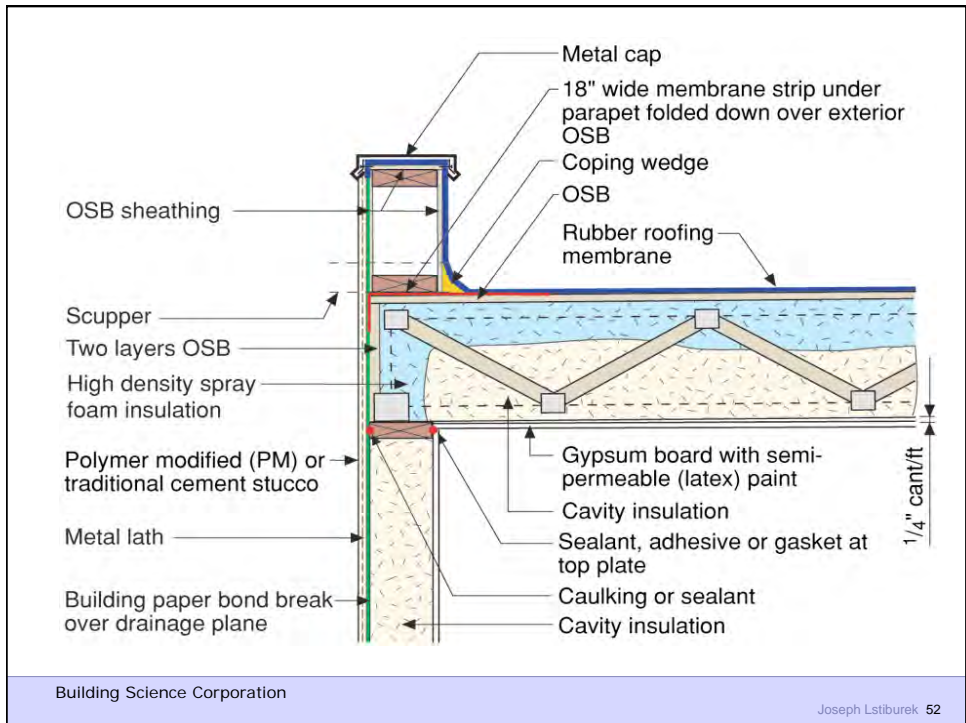
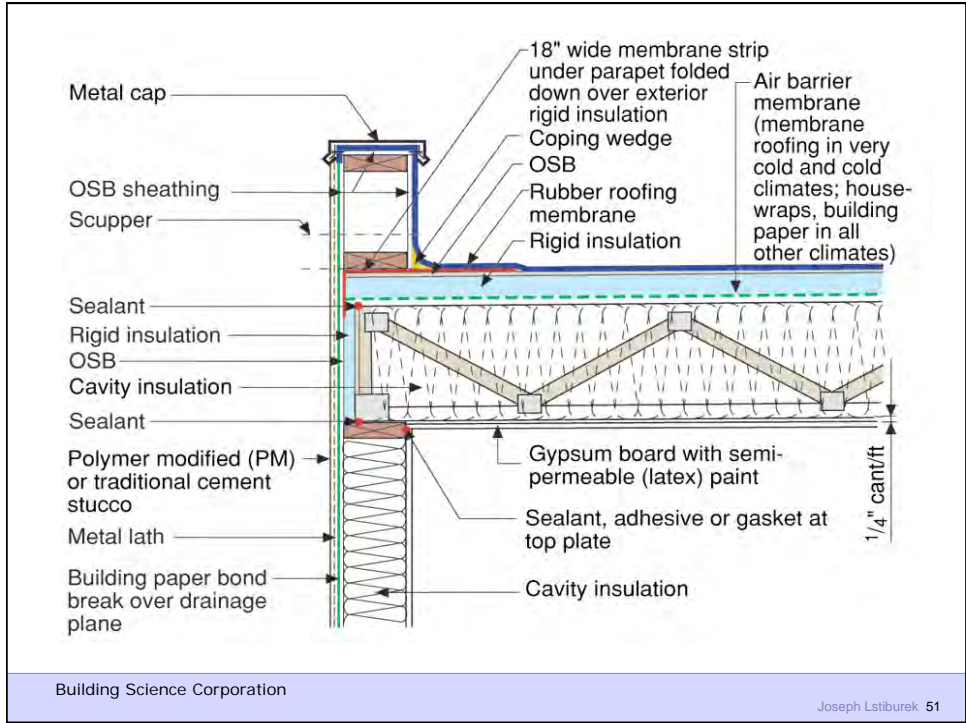
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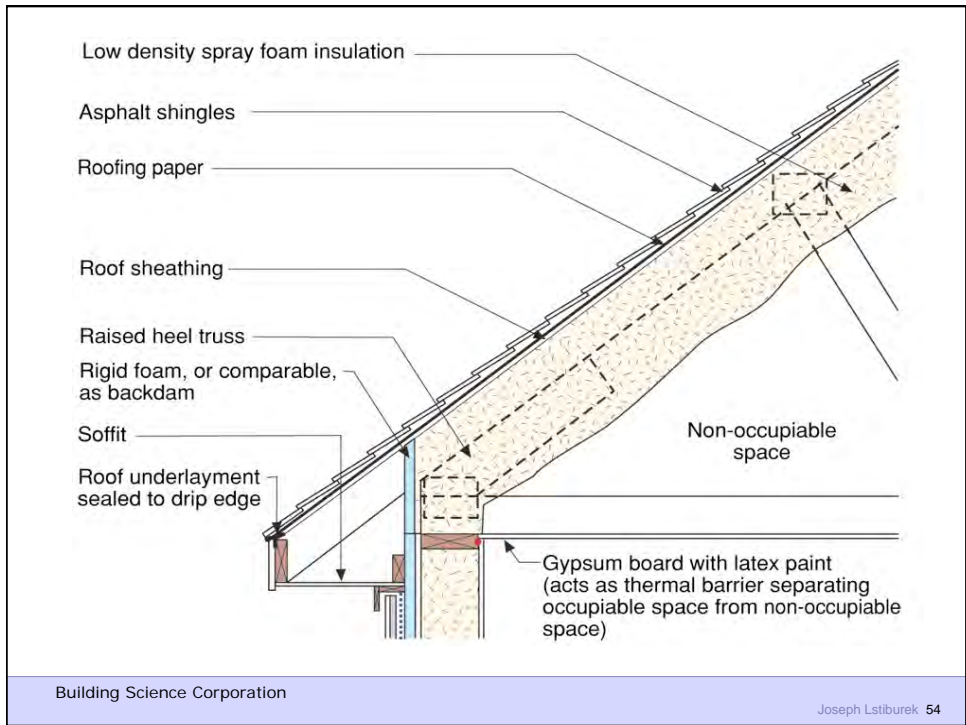
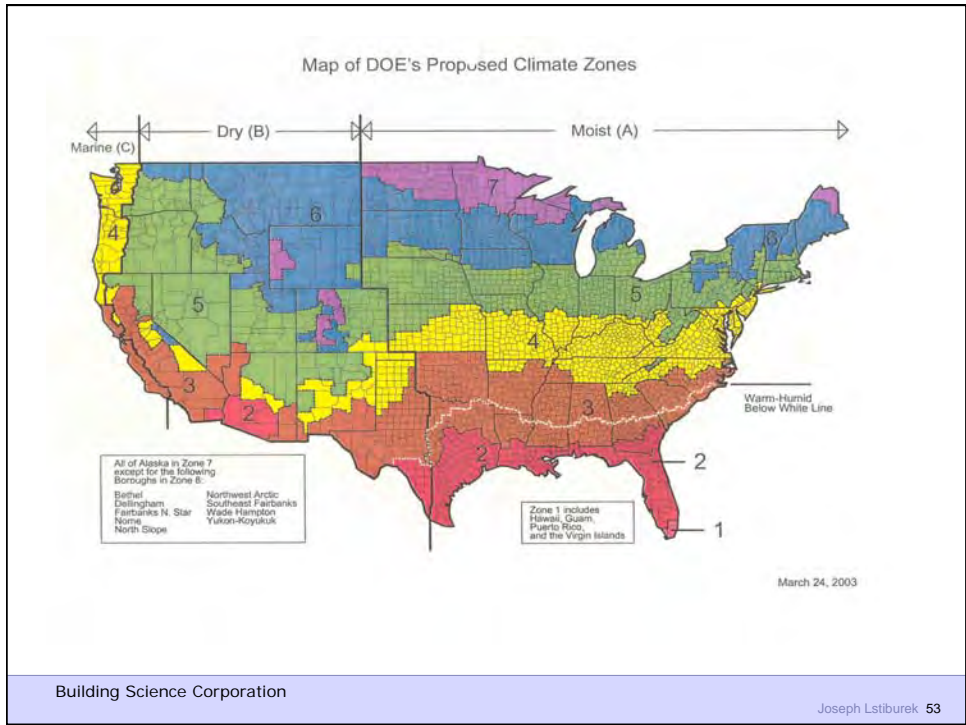
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