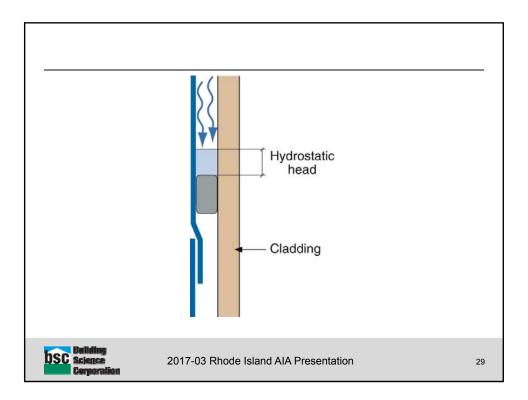
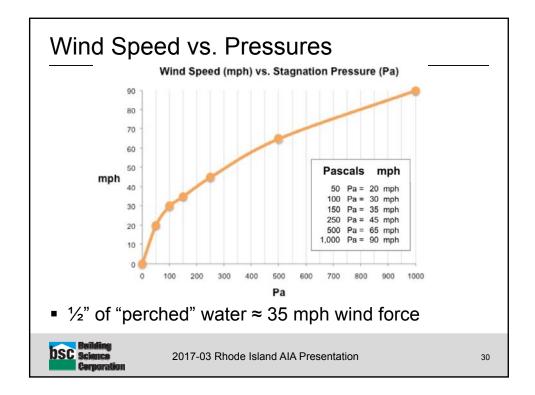
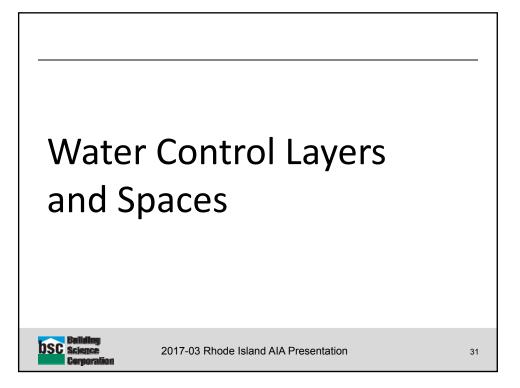


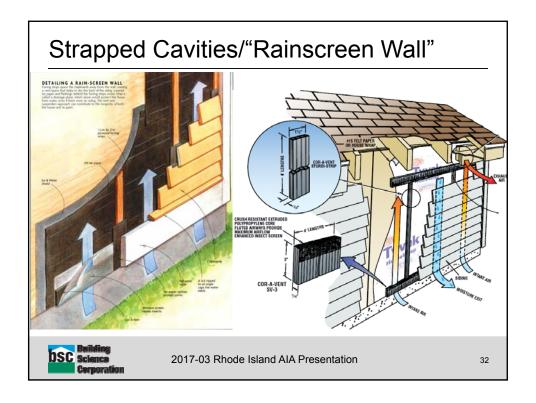
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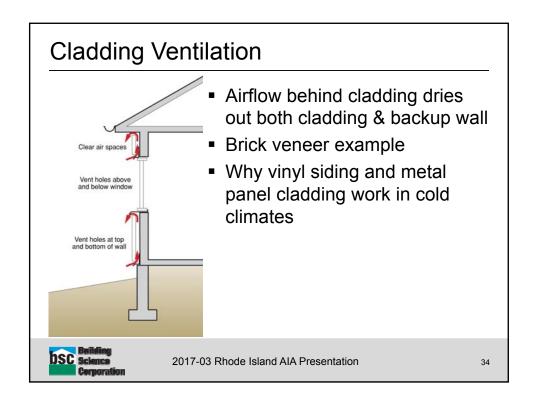


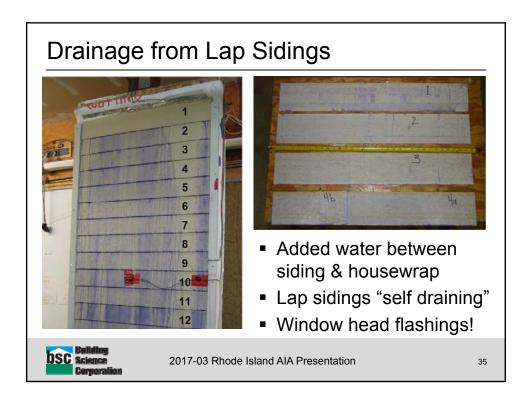
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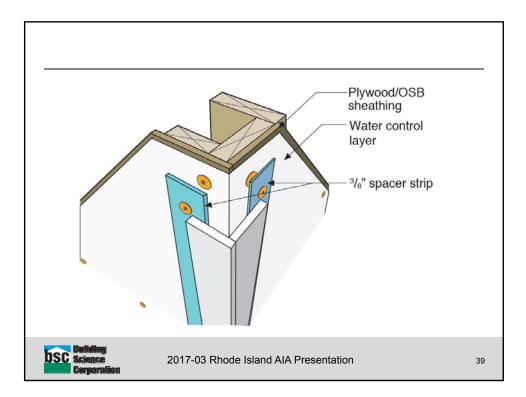


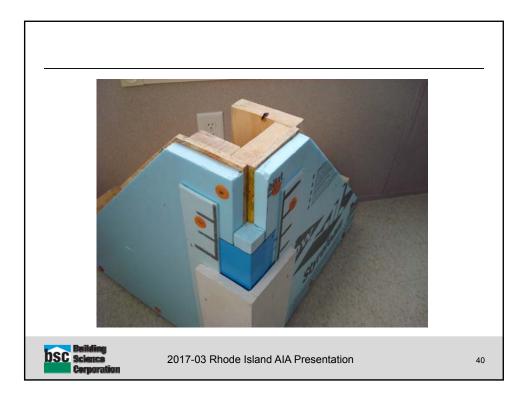


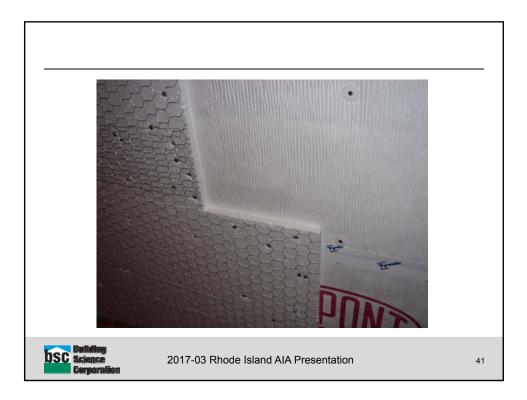


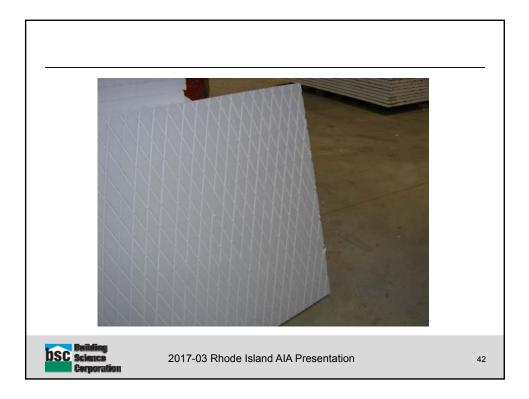


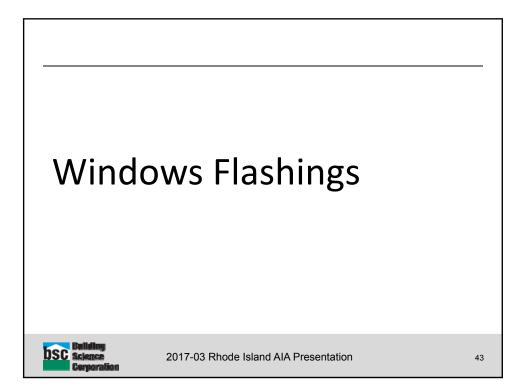




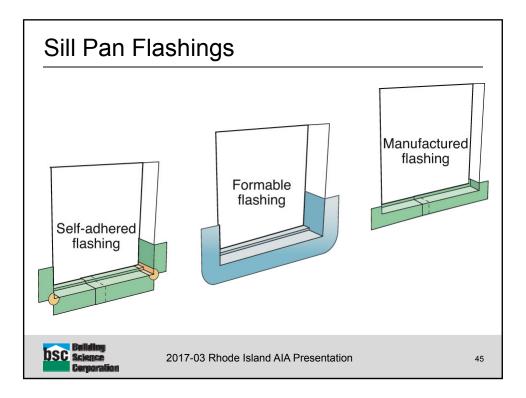


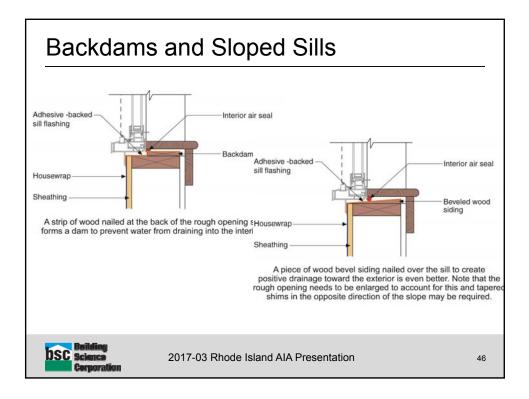








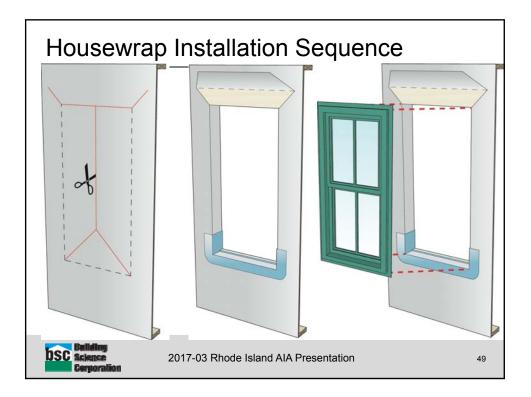


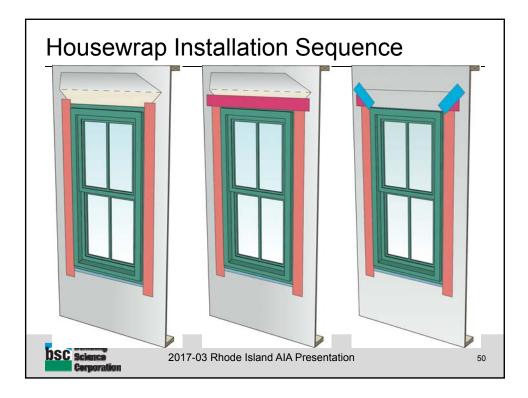


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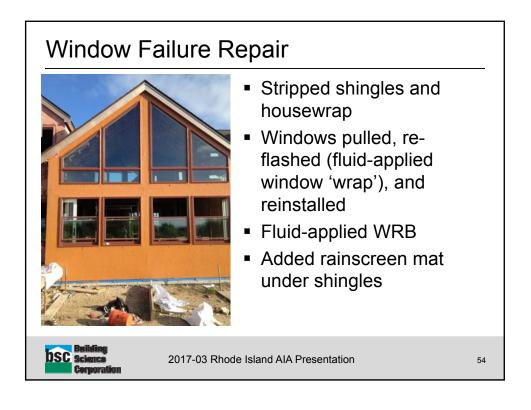


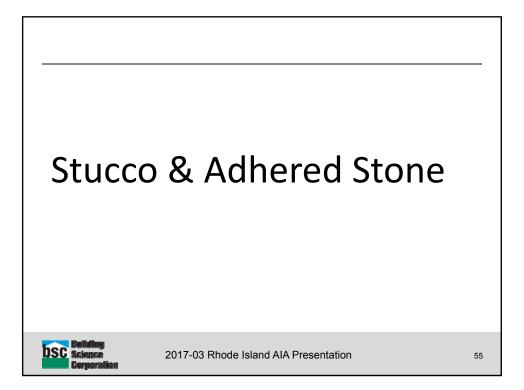


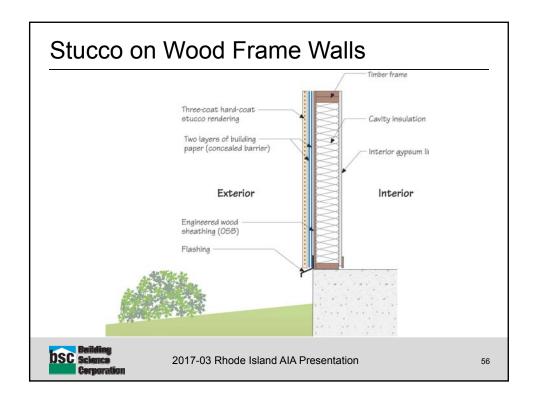


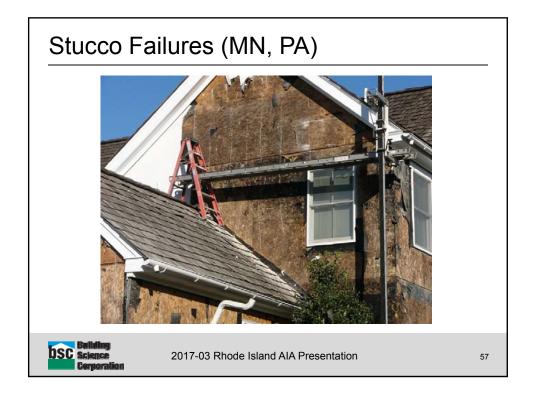


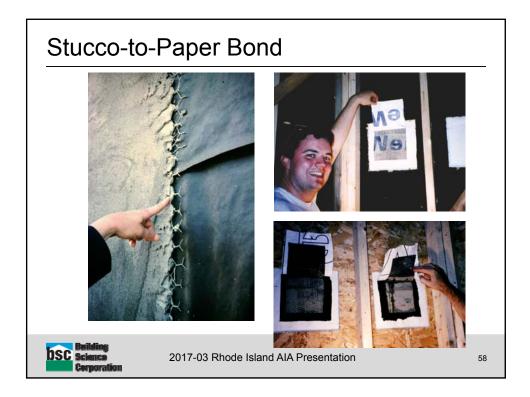










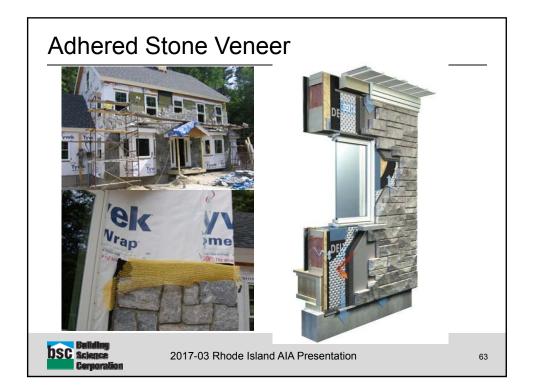


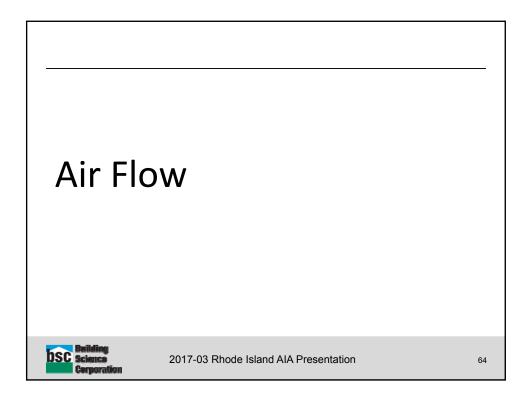


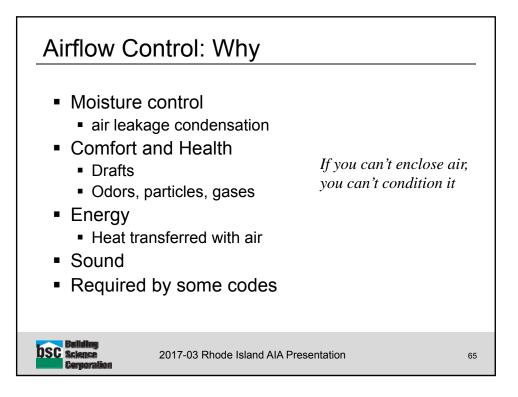


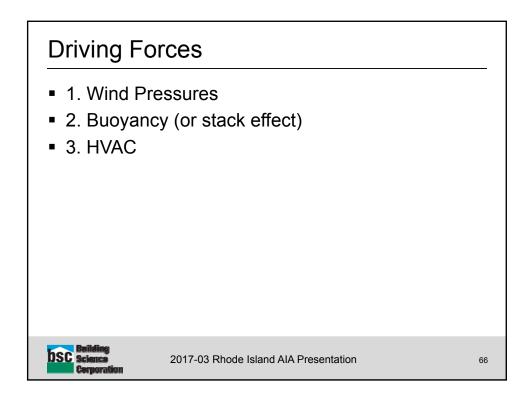


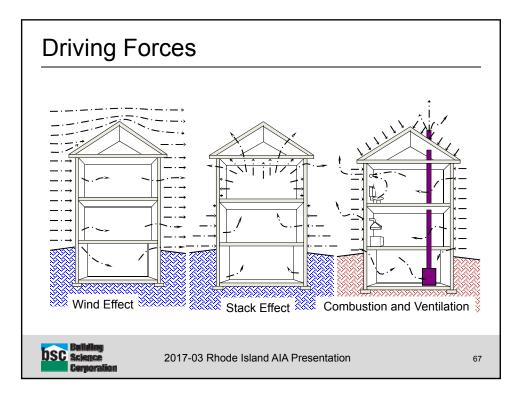


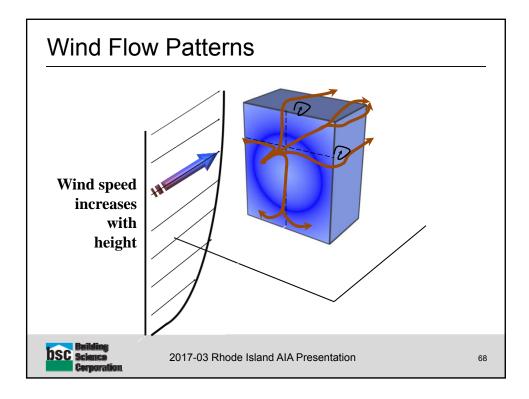


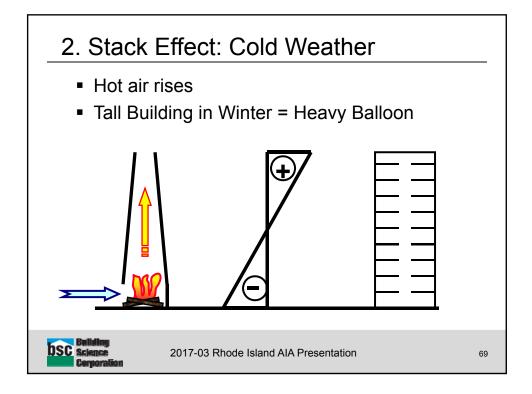


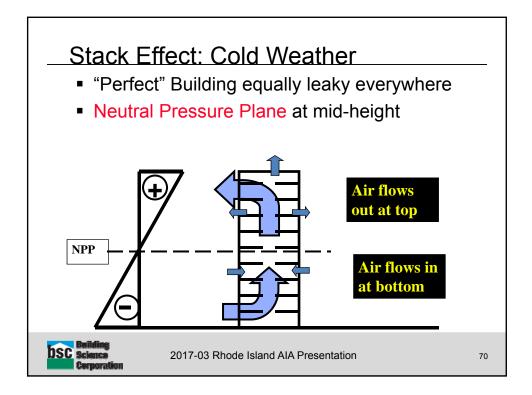


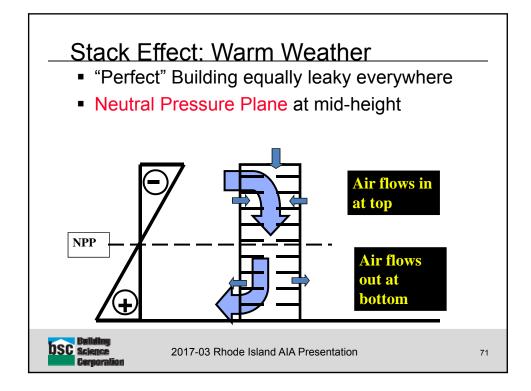


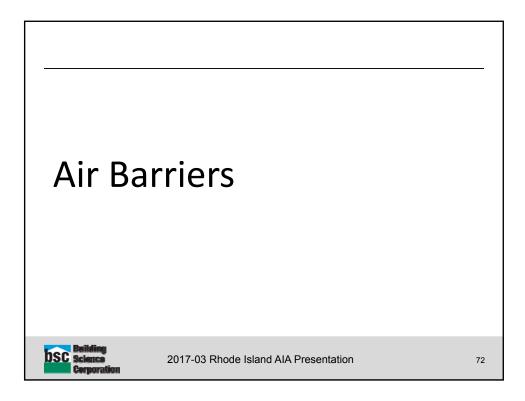


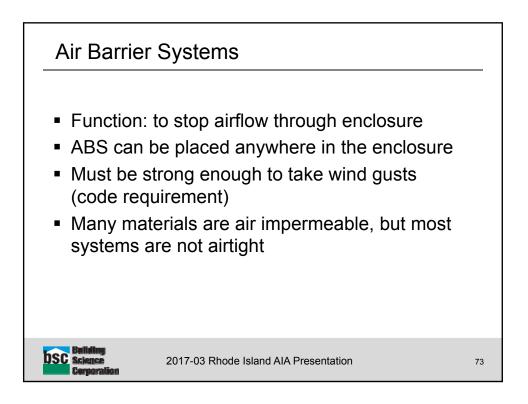


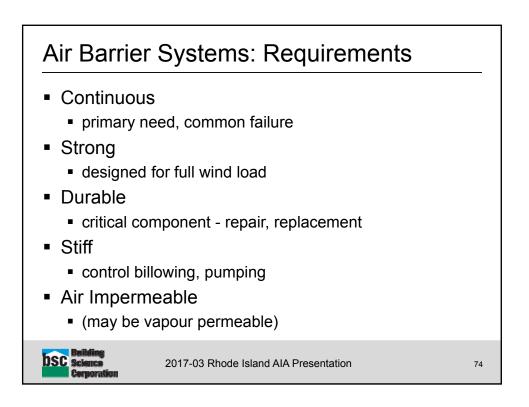


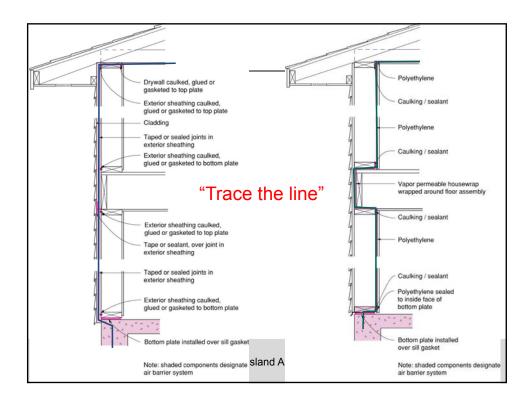


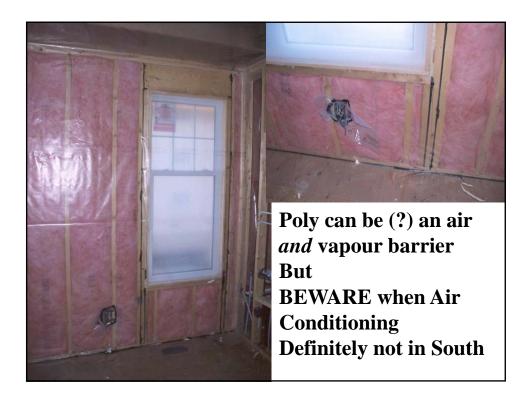


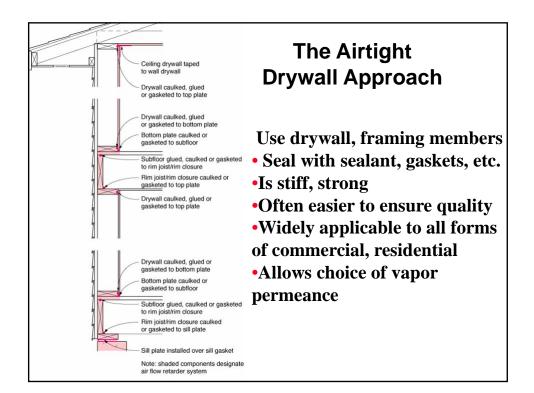




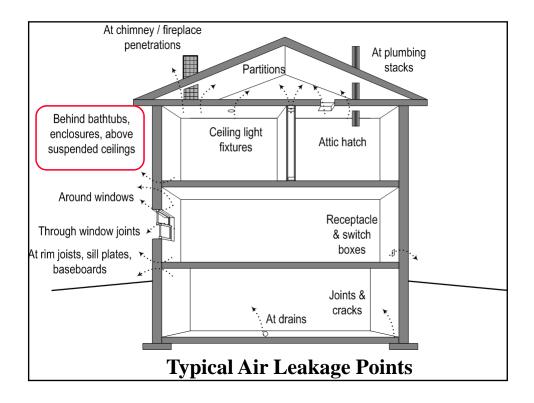


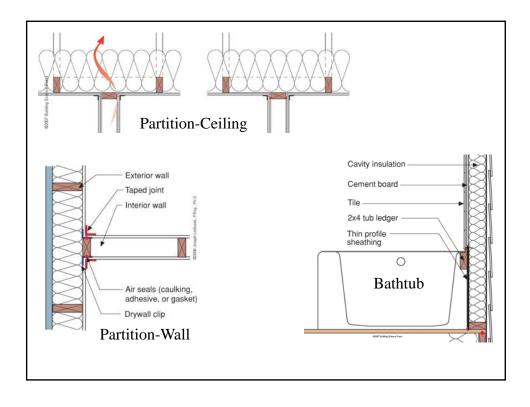


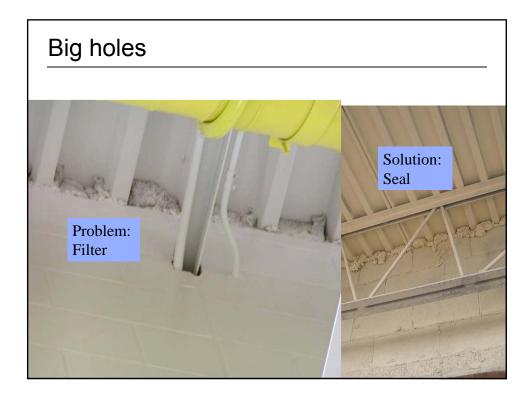




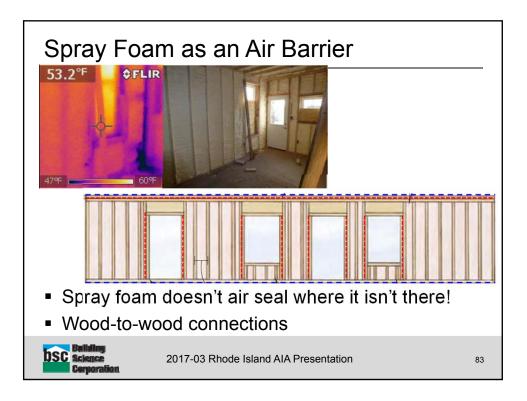


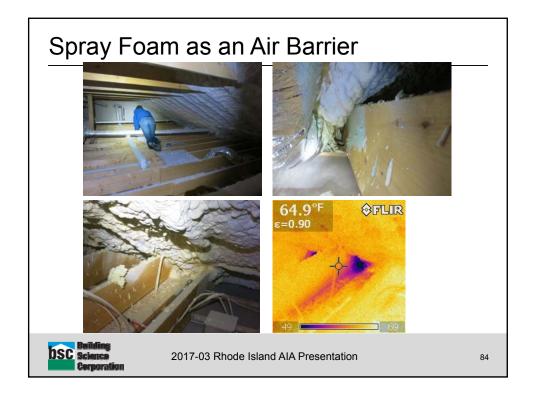




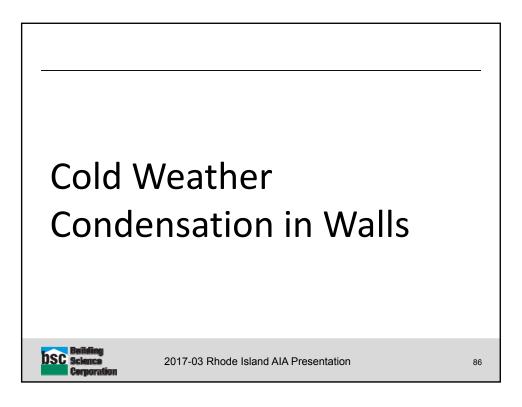


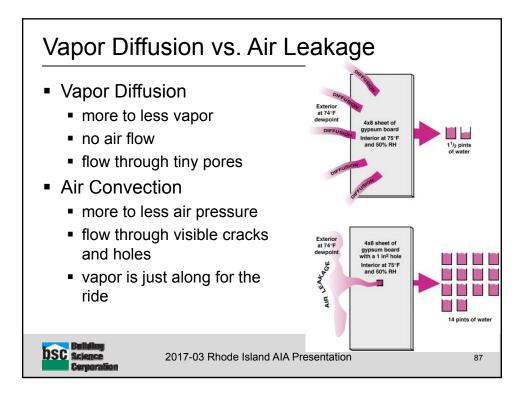


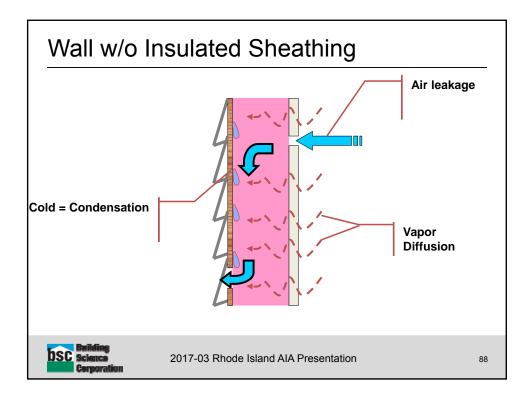


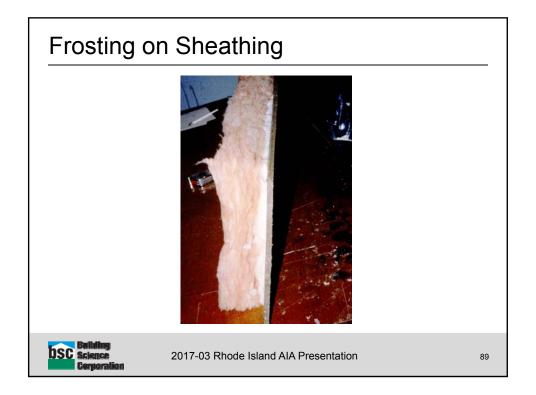


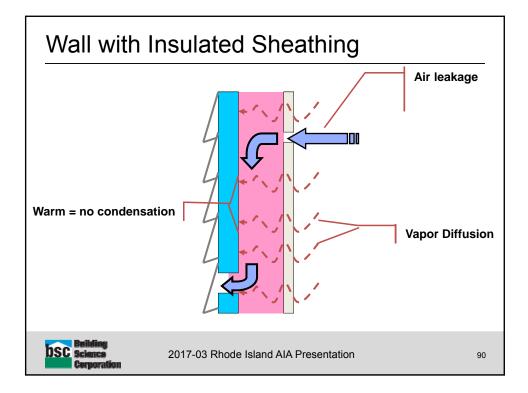


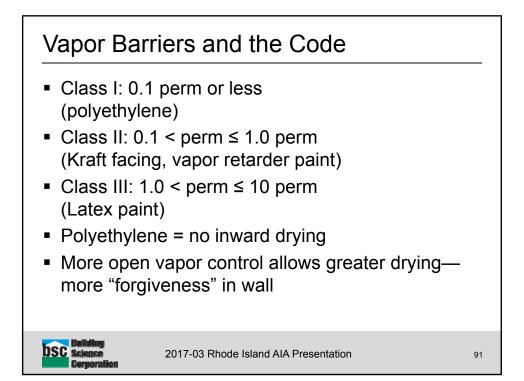




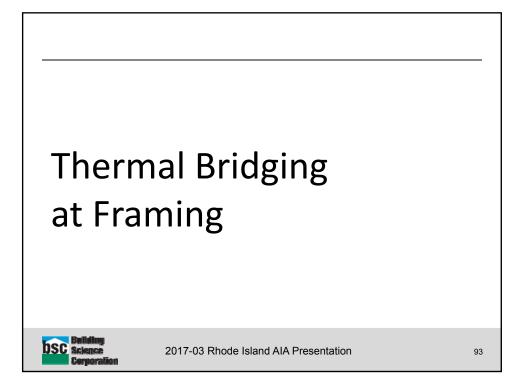


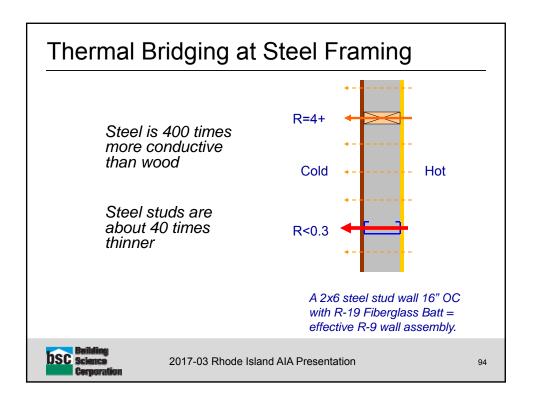


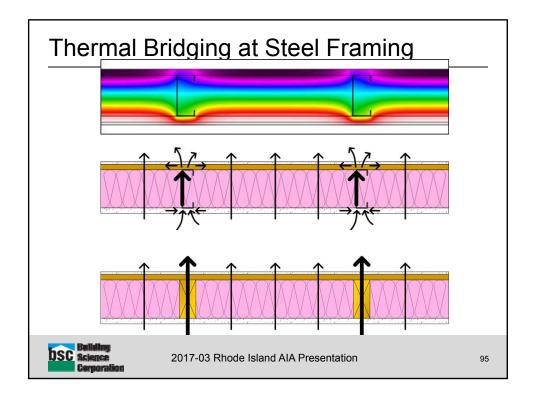


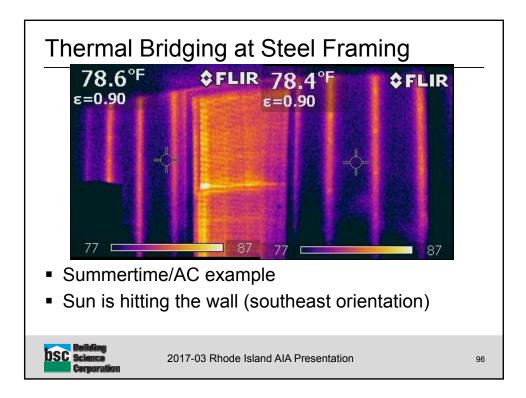


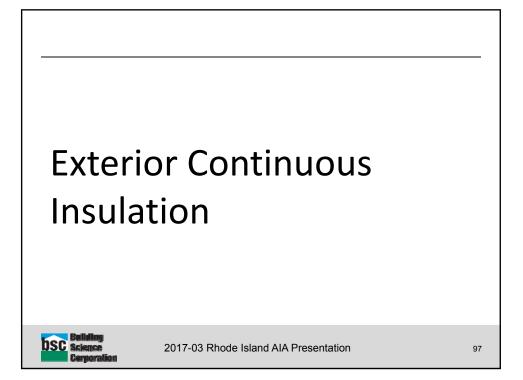
	the Code		
Zone	Class III vapor retarders permitted for:		
Marine 4	Vented cladding over OSB Vented cladding over plywood Vented cladding over fiberboard Vented cladding over gypsum Insulated sheathing with <i>R</i> -value ≥ 2.5 over 2x4 wall Insulated sheathing with <i>R</i> -value ≥ 3.75 over 2x6 wall		
5	Vented cladding over OSB Vented cladding over plywood Vented cladding over fiberboard Vented cladding over gvpsum Insulated sheathing with <i>R</i> -value ≥ 5 over 2x4 wall Insulated sheathing with <i>R</i> -value ≥ 7.5 over 2x6 wall		
6	Vented cladding over fiberboard Vented cladding over gypsum Insulated sheathing with <i>R</i> -value ≥ 7.5 over 2x4 wall Insulated sheathing with <i>R</i> -value ≥ 11.25 over 2x6 wall		
7 and 8	Insulated sheathing with <i>R</i> -value ≥ 10 over 2x4 wall Insulated sheathing with <i>R</i> -value ≥ 15 over 2x6 wall		
	rier) if you add enough insulation outside of rols diffusion and air leakage moisture.		
<b>DSC Beilding</b> Science 2017-03 Rhode Is Corporation	land AIA Presentation 92		

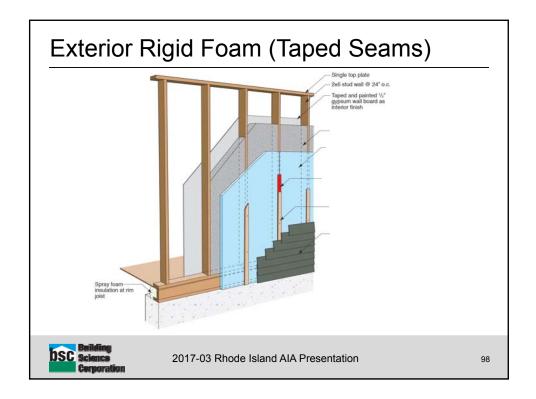




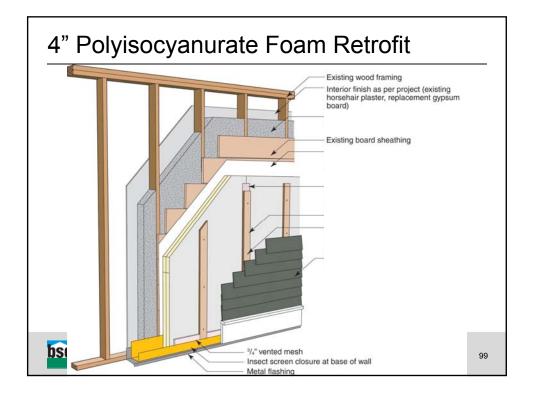


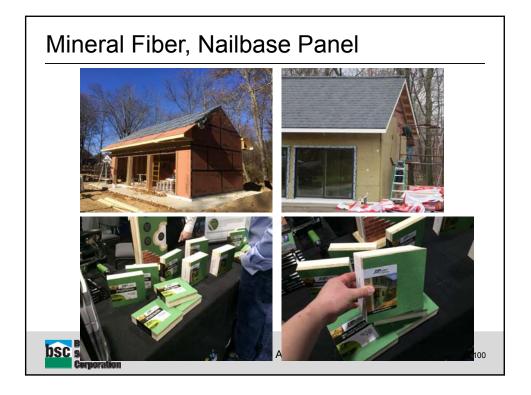


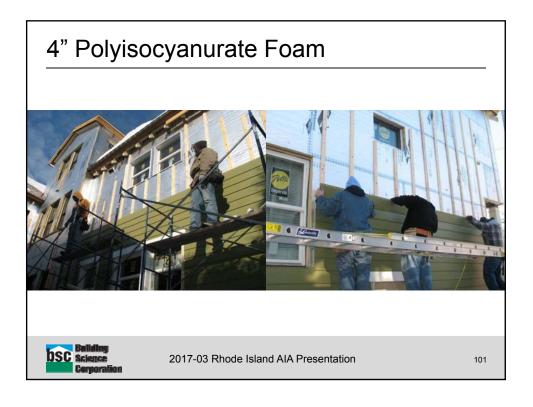


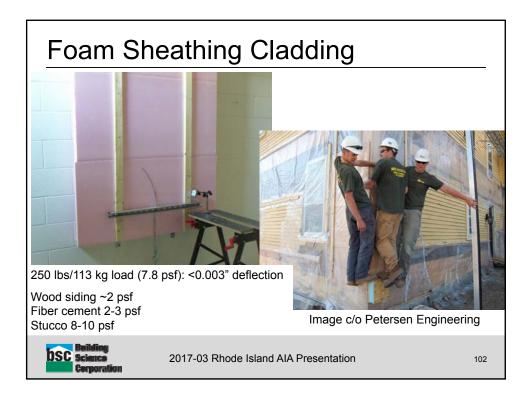


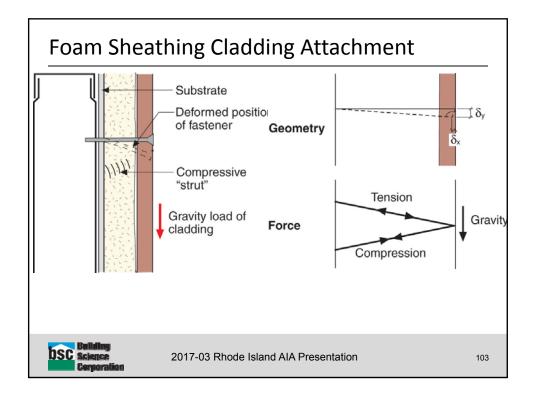
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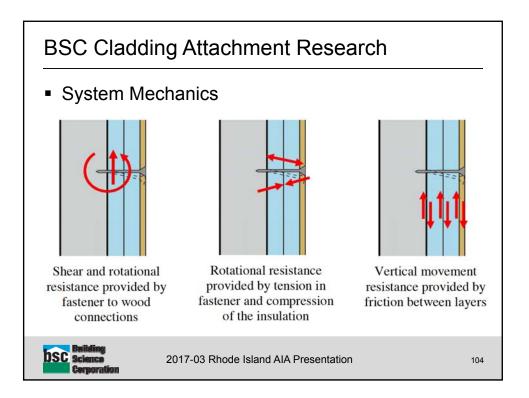


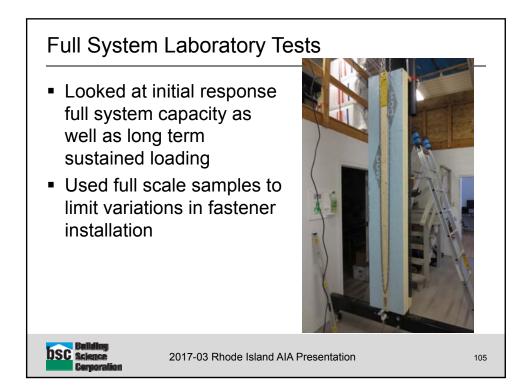






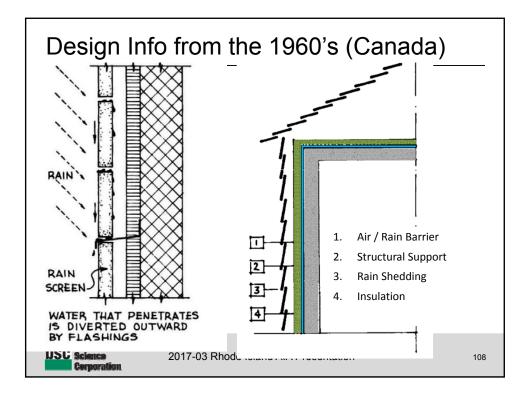


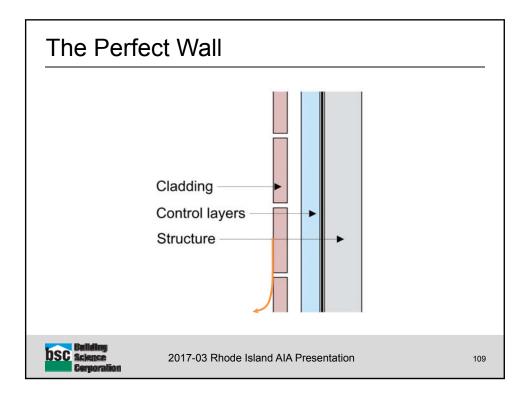


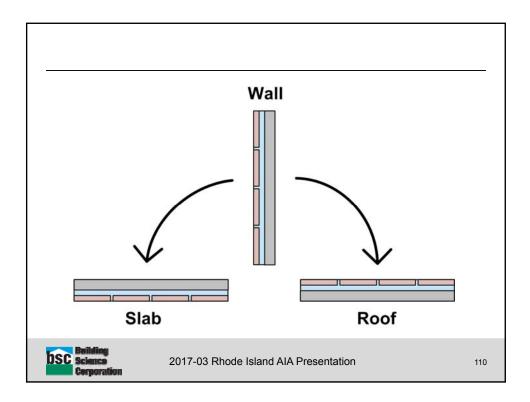


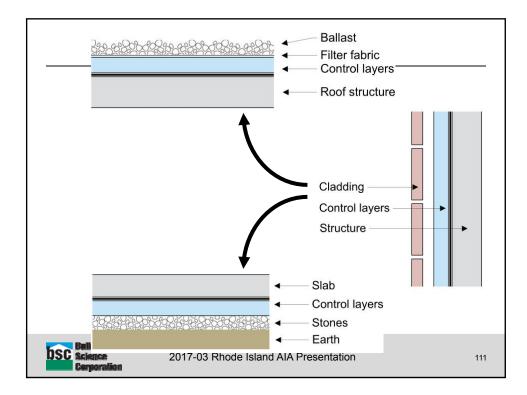
recon	d on the resul nmended to u ner of no more ition	se a maximu	Im load per	2
	Cladding weight (psf)	16" oc Furring	24" oc Furring	
	5	18	12	
	10	9	6	
	15	6	4	
	20	4	3	
	25	3	2	

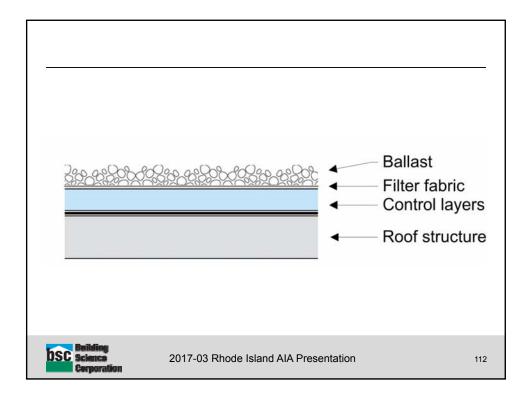




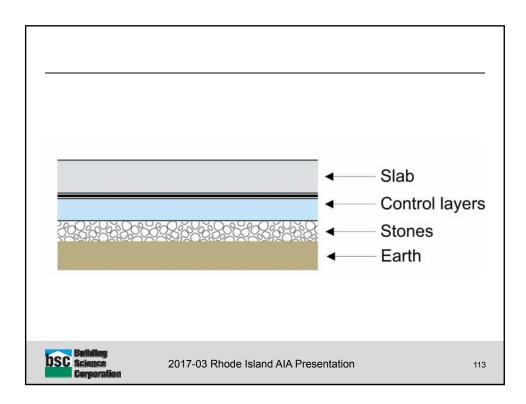


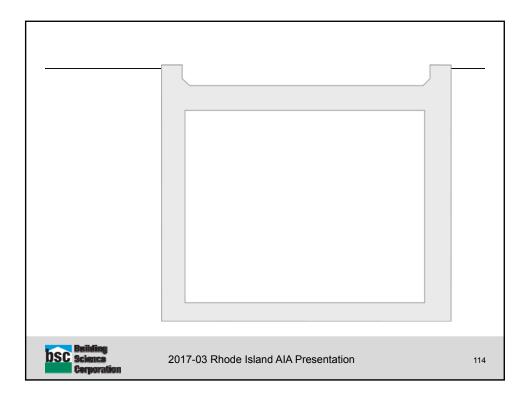


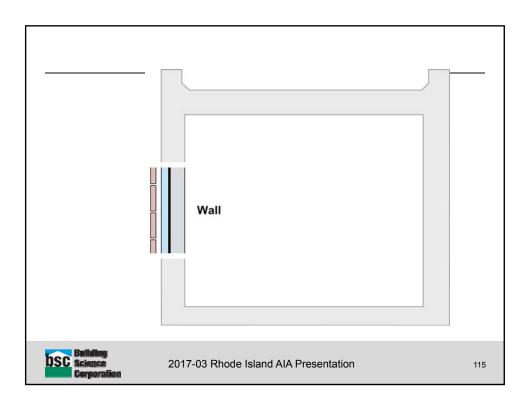


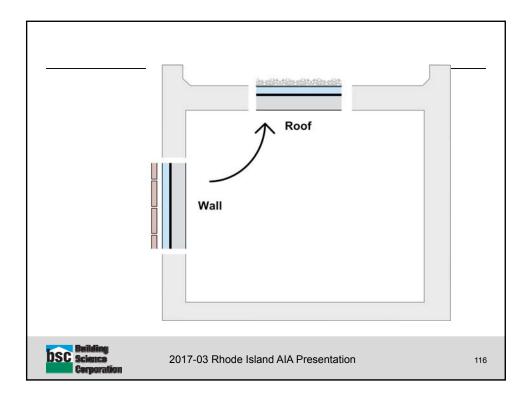


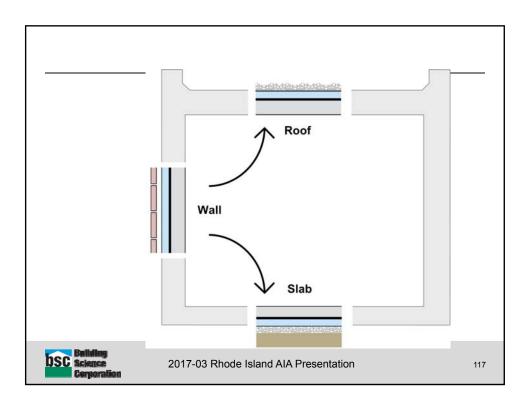
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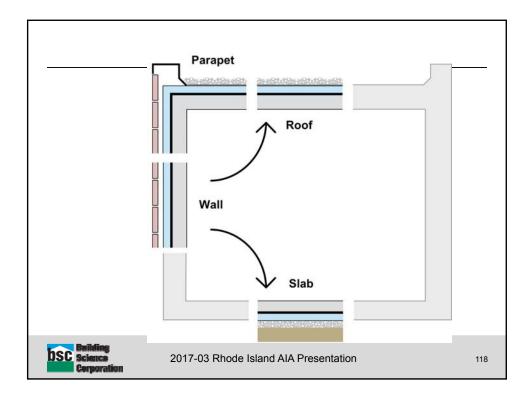


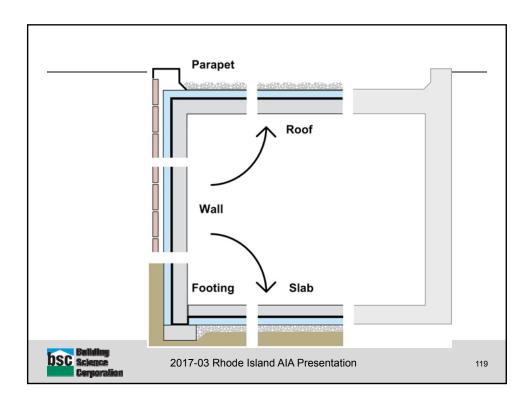


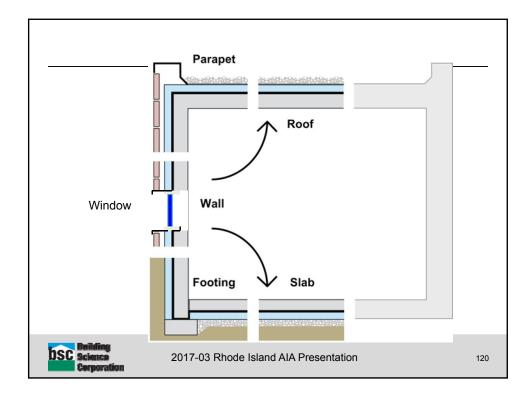


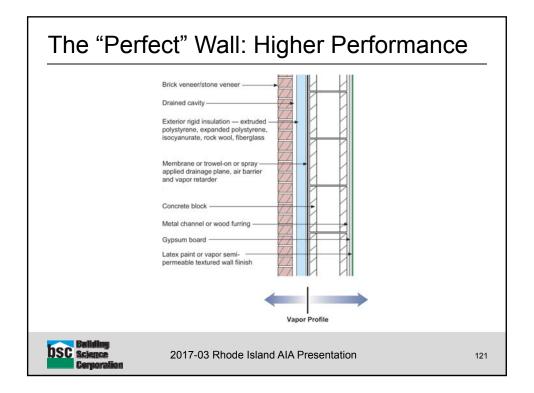


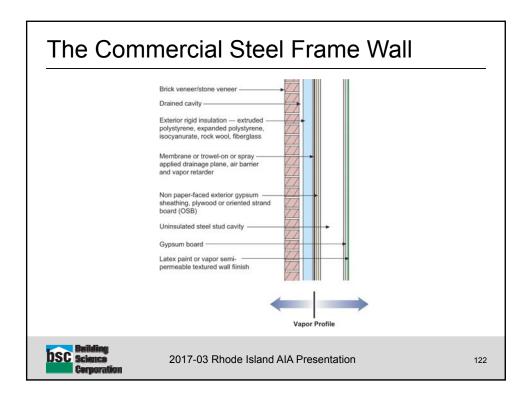












## "Perfect Wall" Advantages

- Very robust enclosure—"500 year building"
  - Structural portion in "interior" conditions
- Institutional/long term buildings
- No risk of interstitial condensation
- Continuity of control layers
  - Continuous thermal insulation outside
  - Inspectable and simple air barrier "wrap"
  - Water control layer/WRB inspectable before insulation
- Any interior condition
- Any exterior condition

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