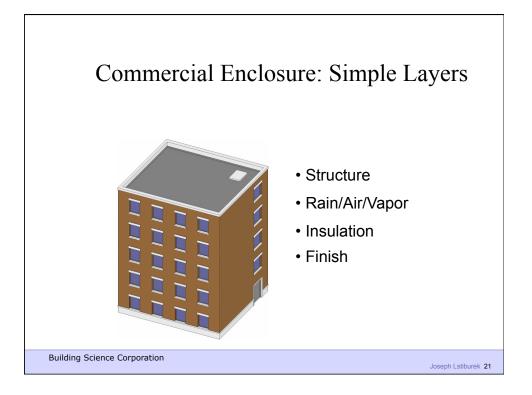
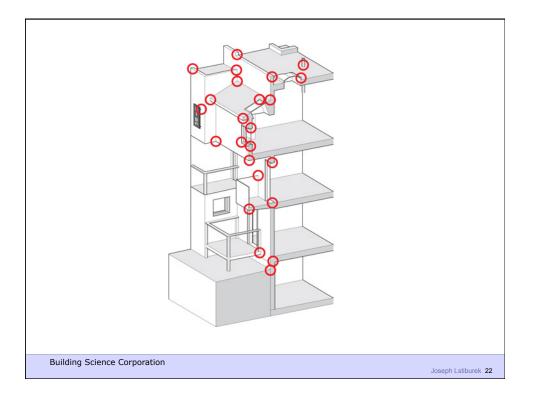


	Brick veneer/stone veneer Image: Construction of the structure		
	Vapor Profile		
Building Science Corpo	pration		Joseph Lstiburek 20



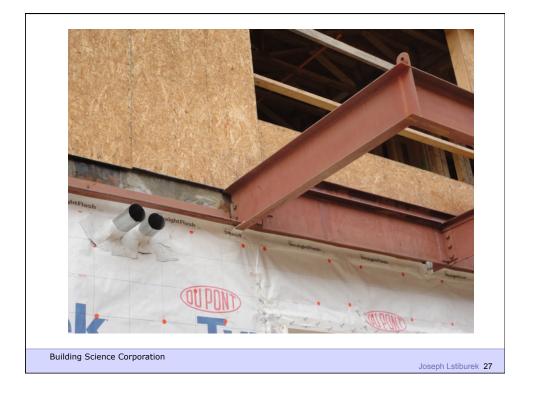










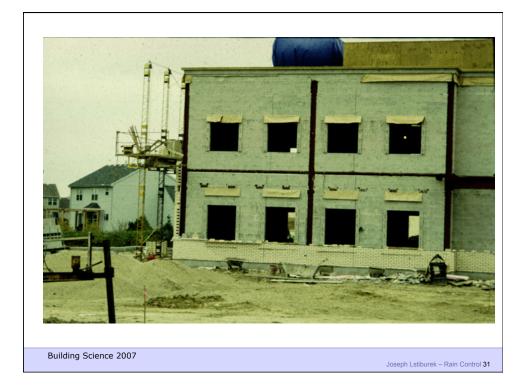








Mixed Use Building Science: Good Idea or Bad Idea?













Enclosures







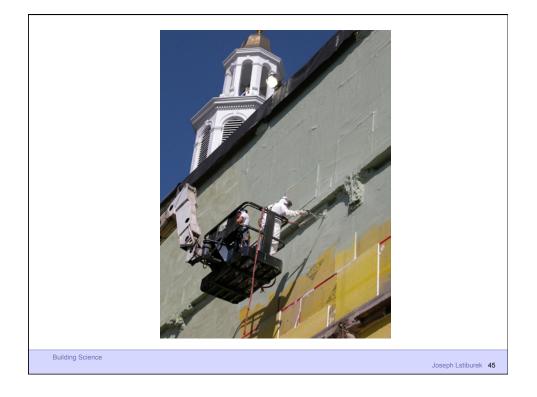
















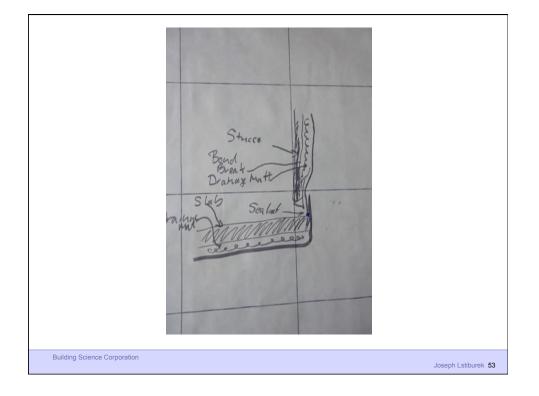




















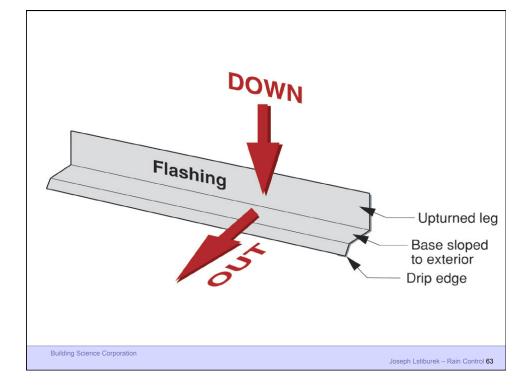


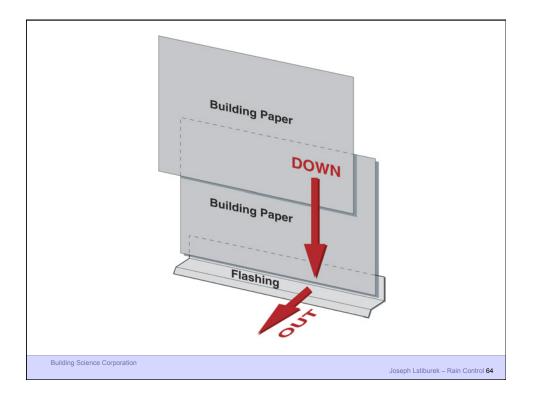
















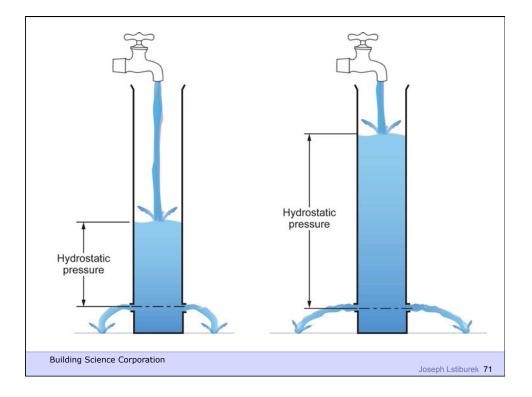




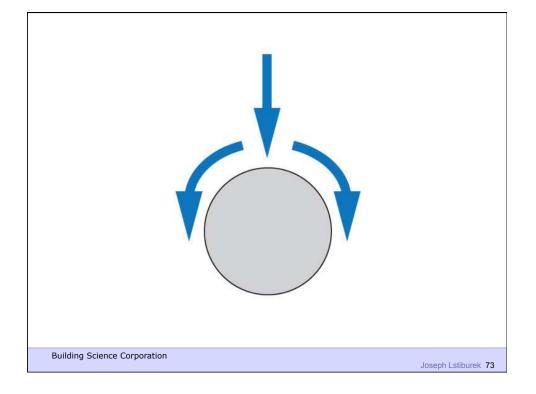


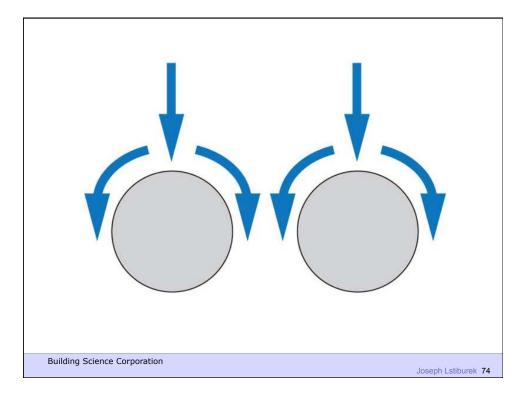


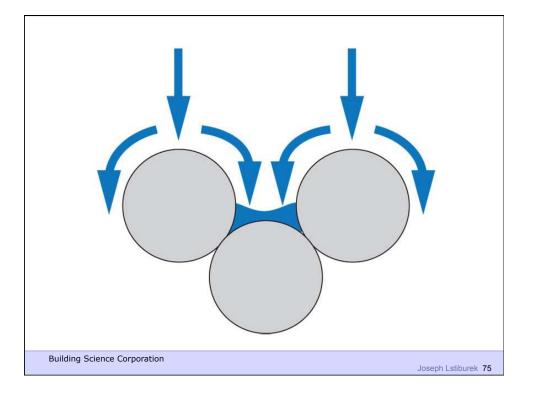
Mixed Use Building Science: Good Idea or Bad Idea?

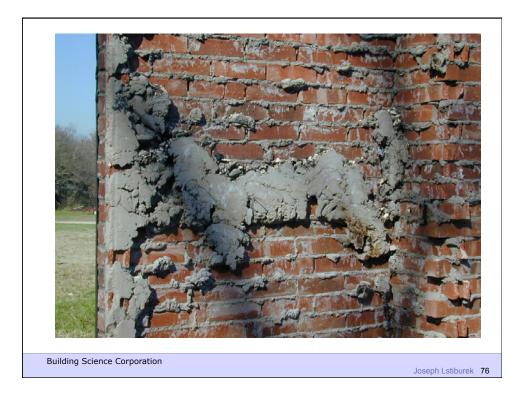


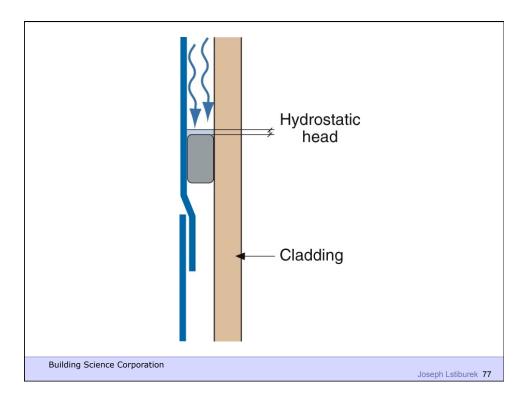


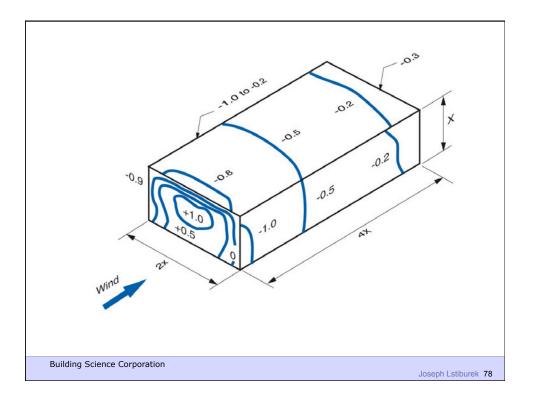


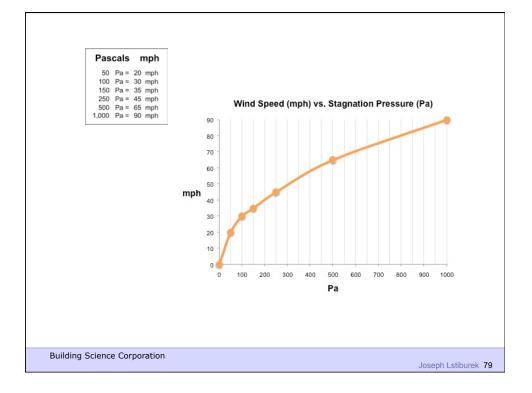






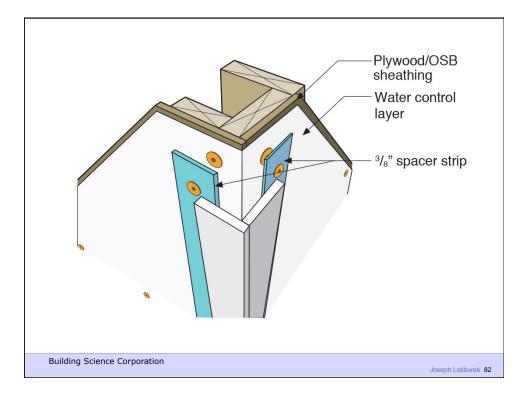










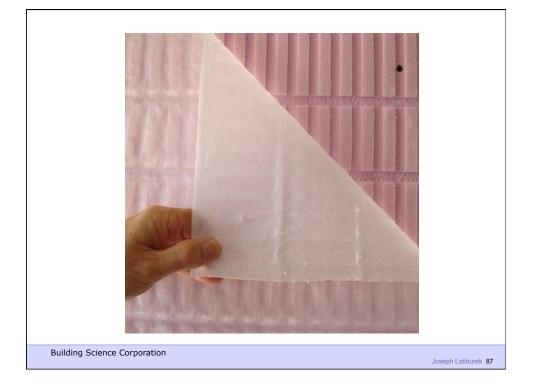






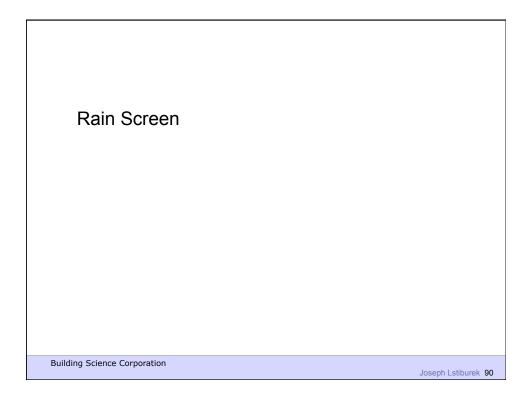








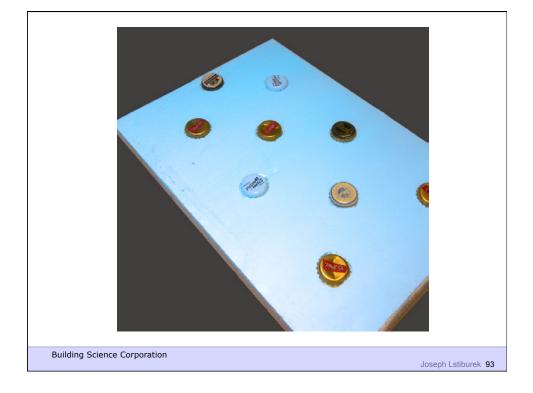


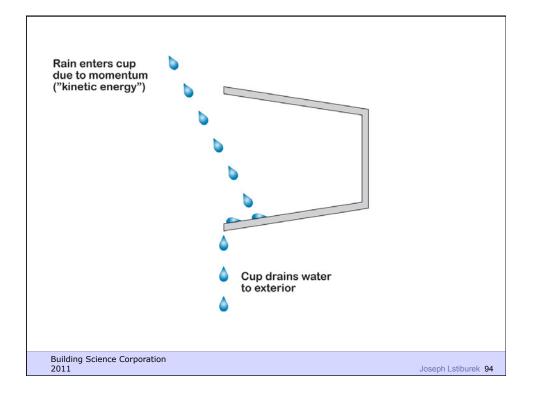


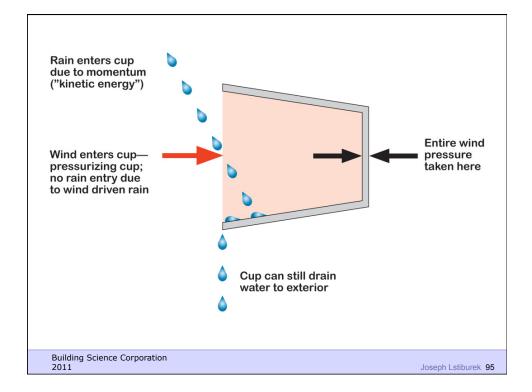
Mixed Use Building Science: Good Idea or Bad Idea?

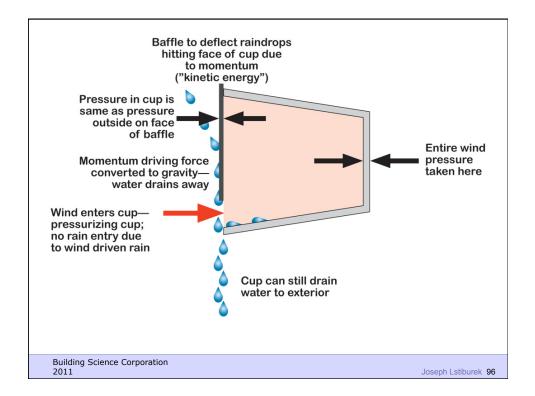


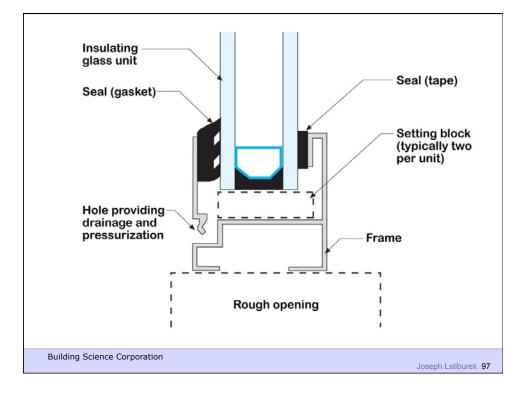


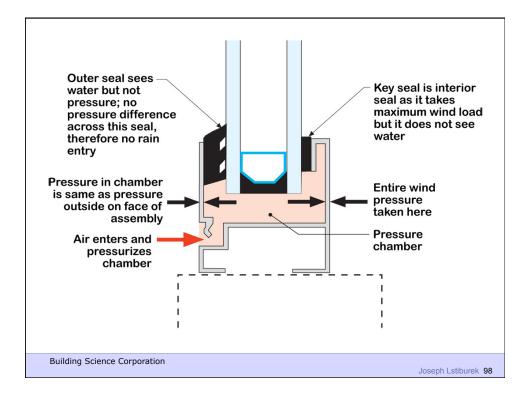


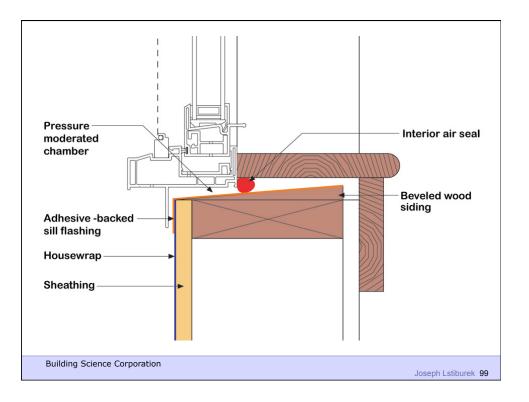








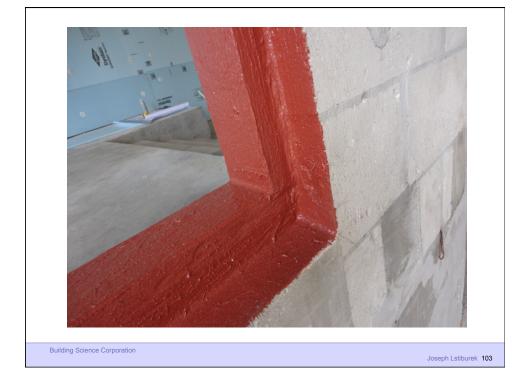


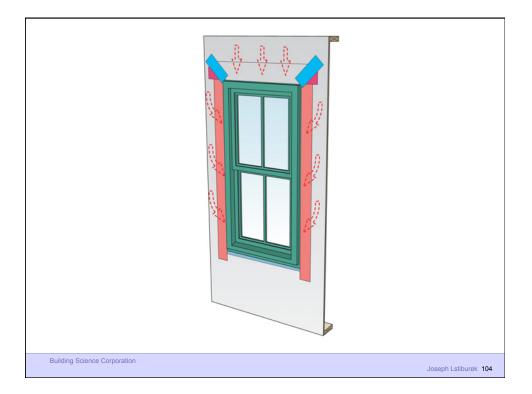




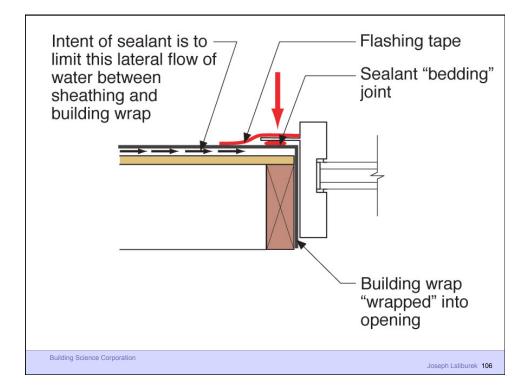


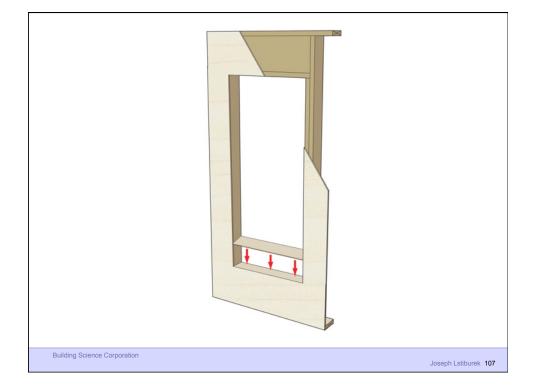


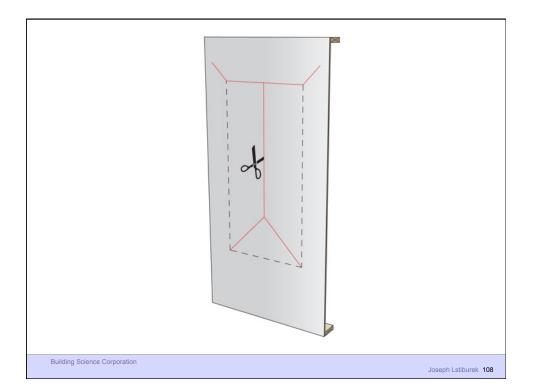


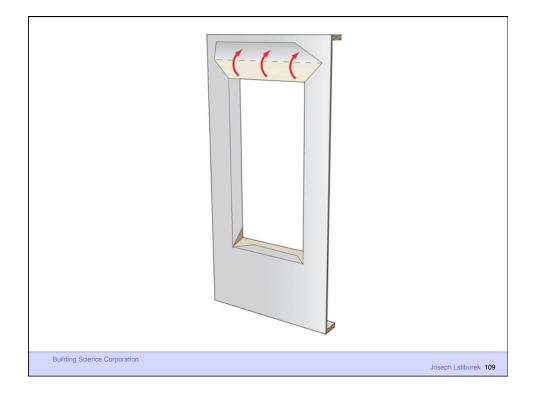


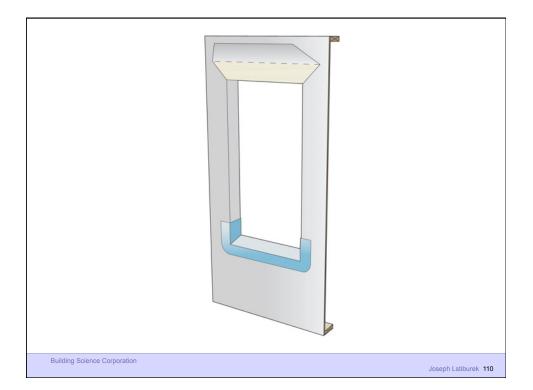


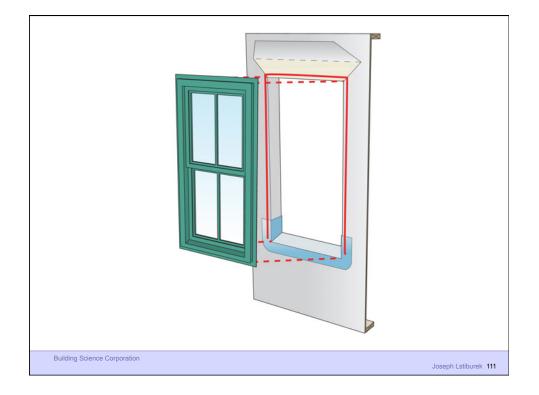






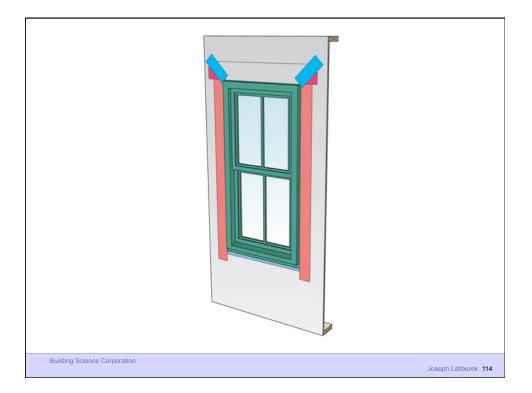






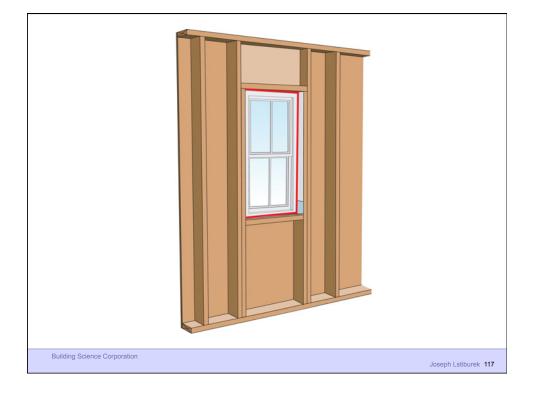


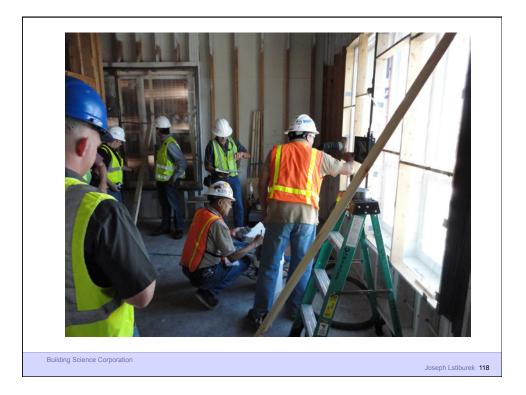




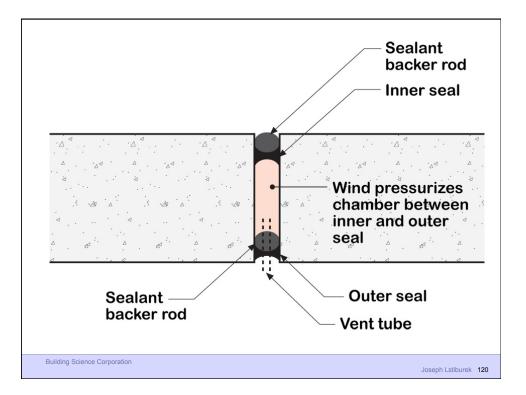


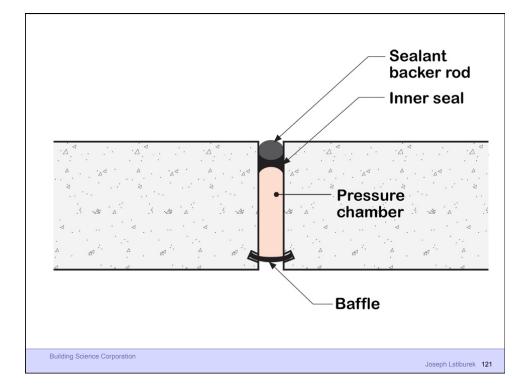


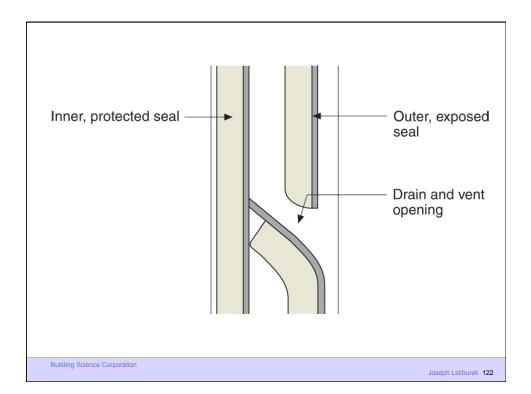




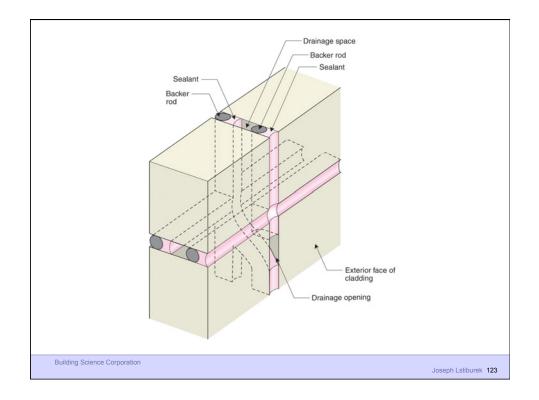








Mixed Use Building Science: Good Idea or Bad Idea?

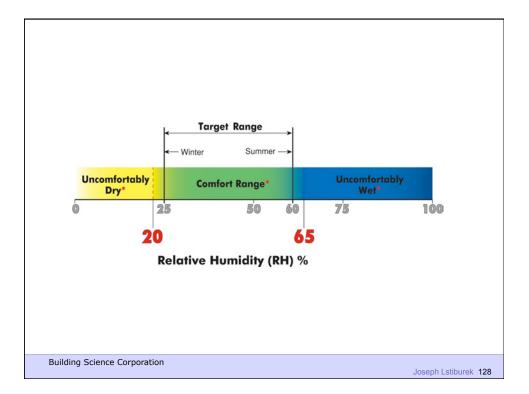


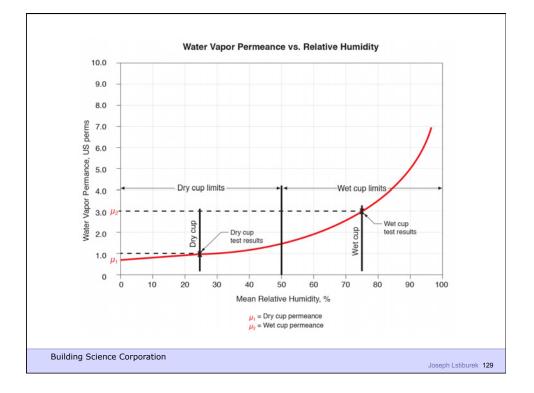




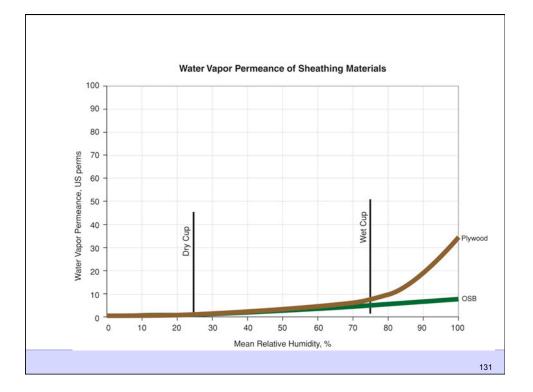


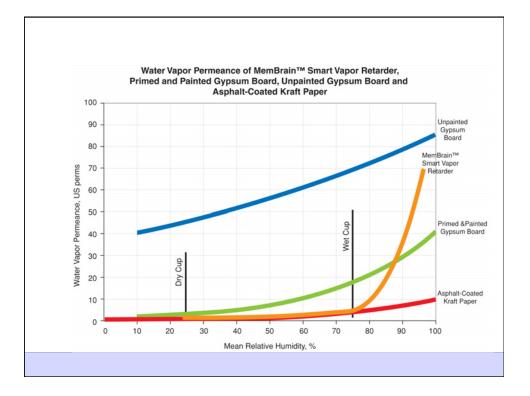


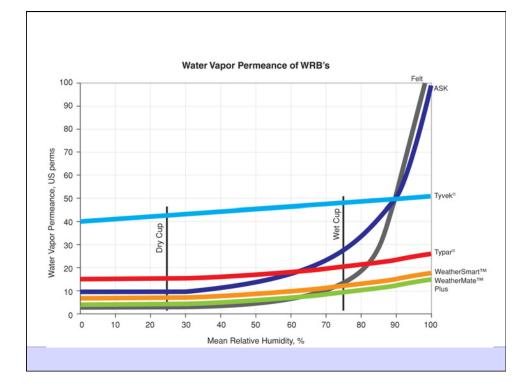


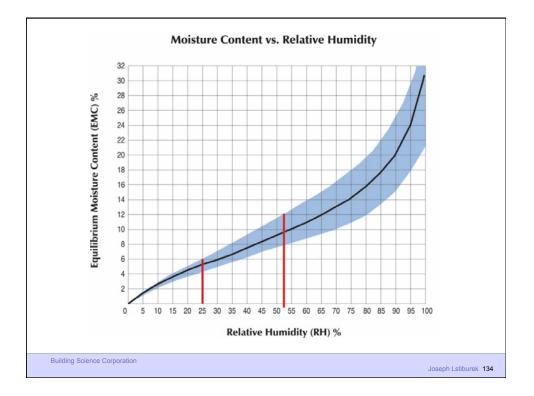






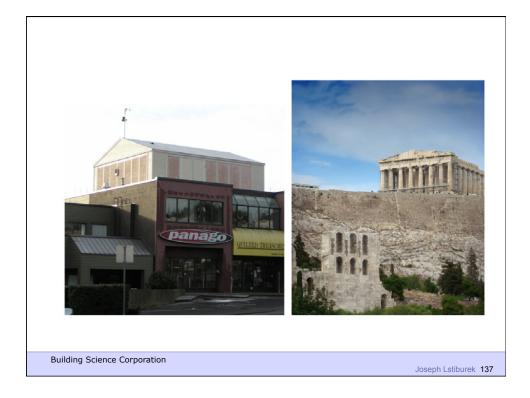












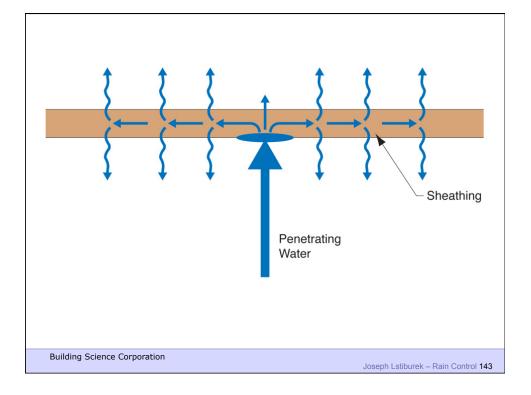


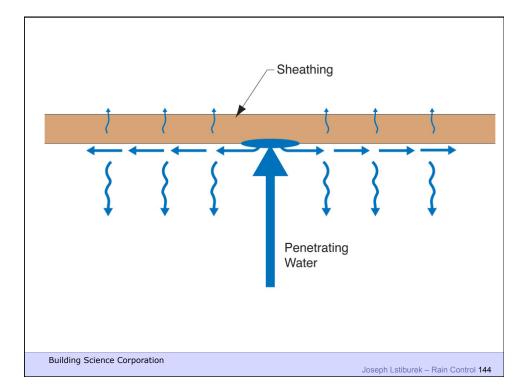










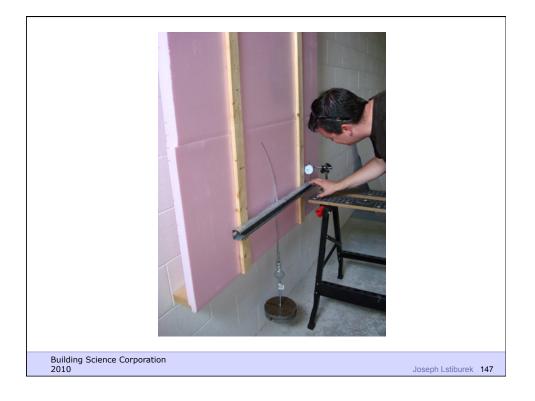


Enclosures





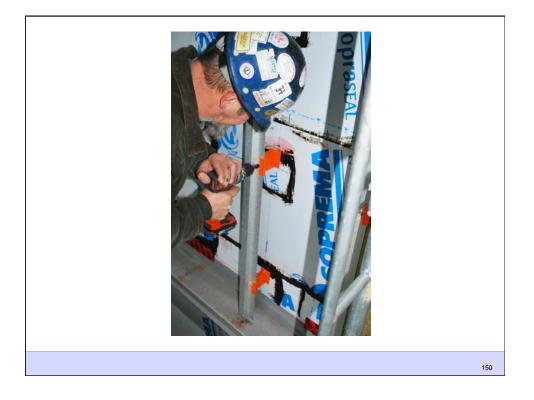
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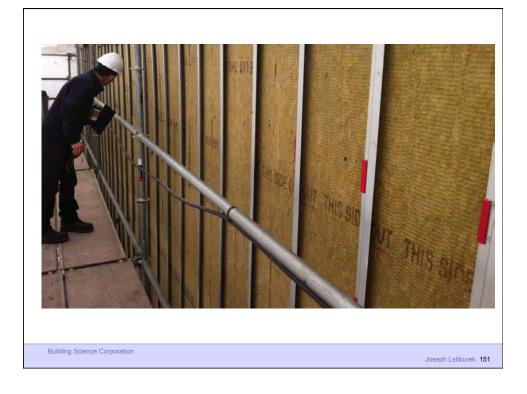


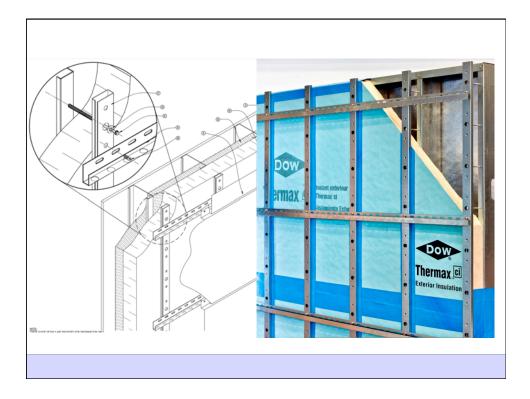


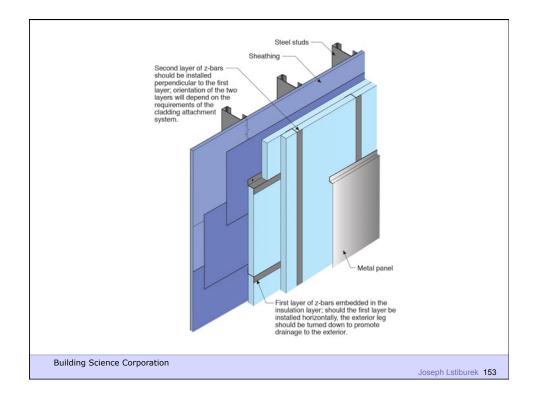
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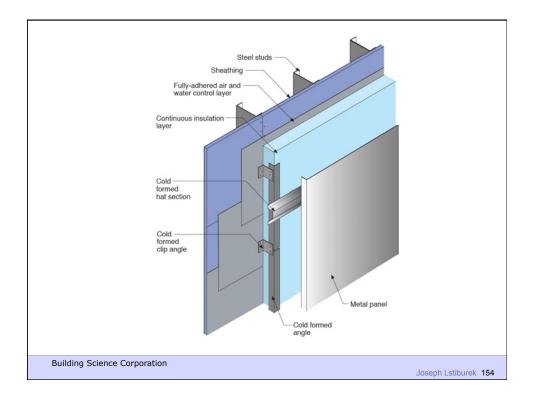






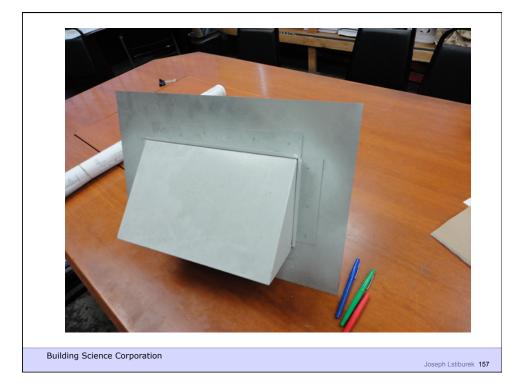
















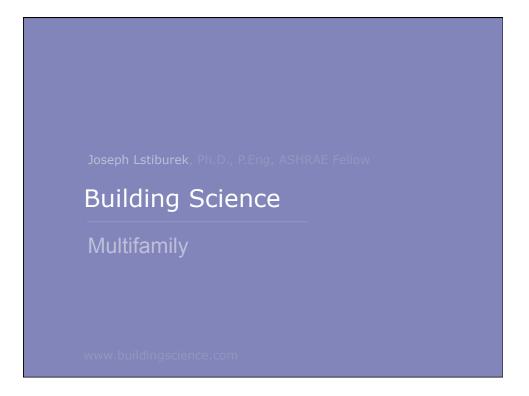


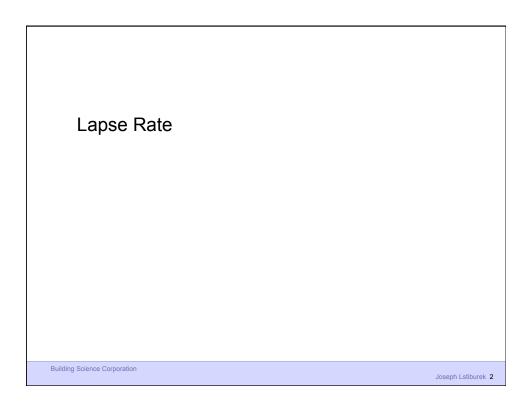


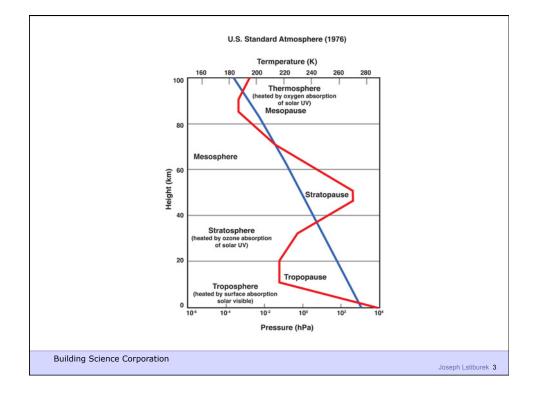


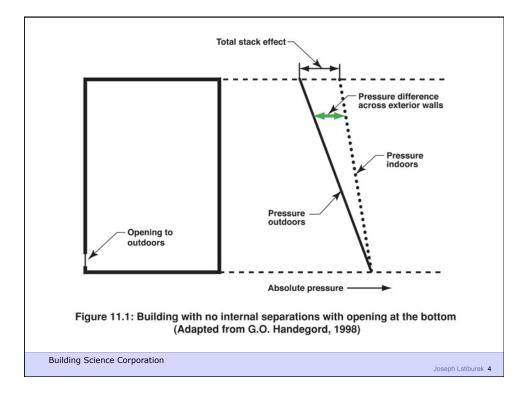


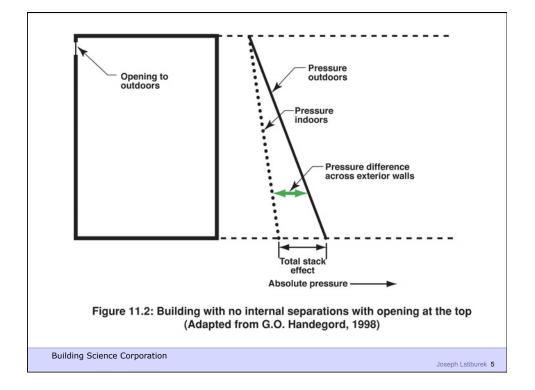


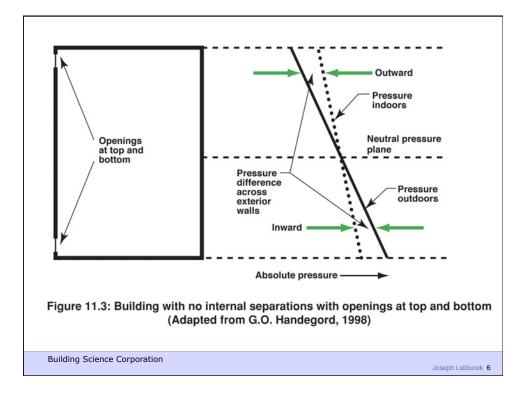


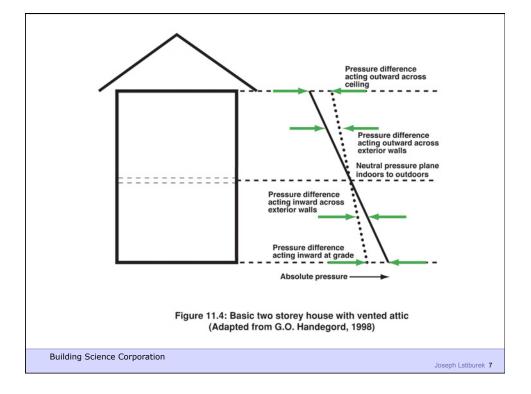






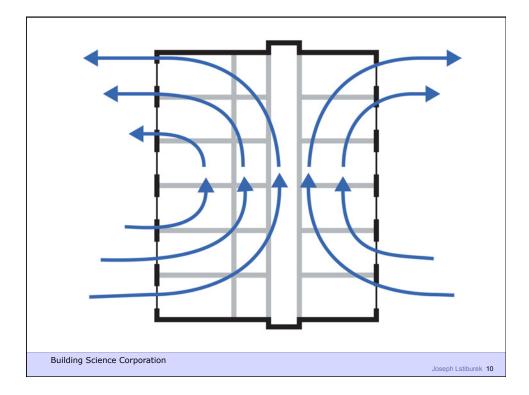


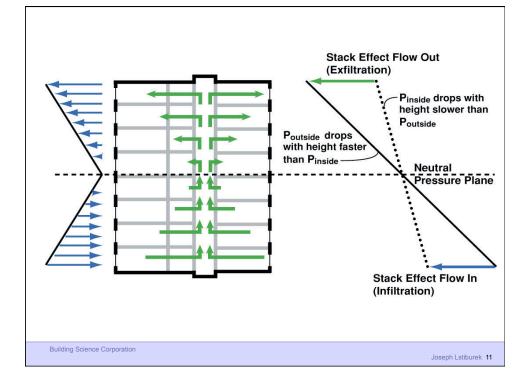


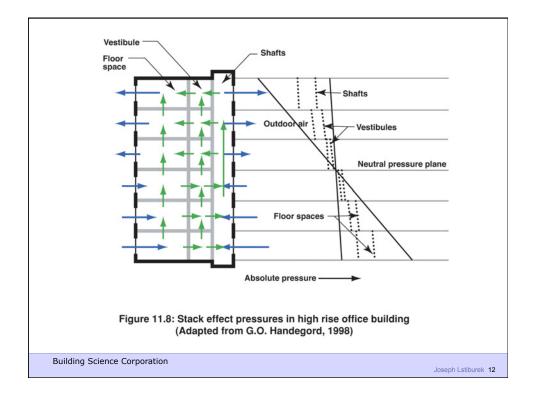


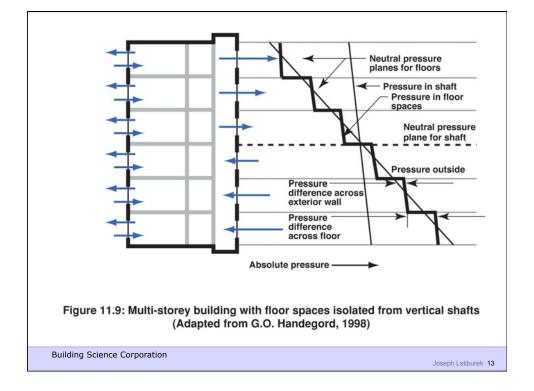


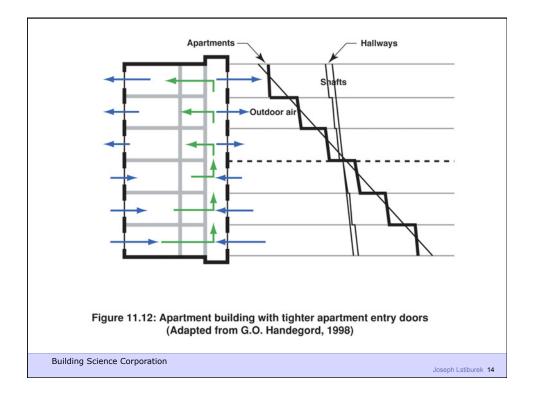


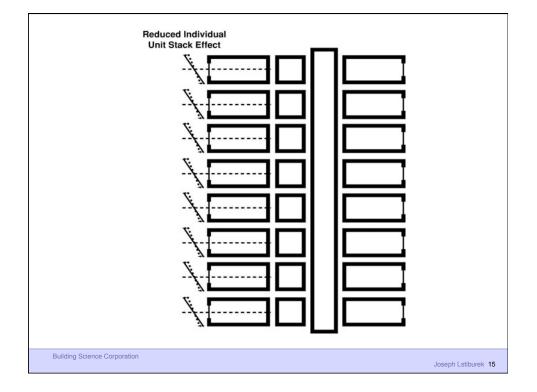


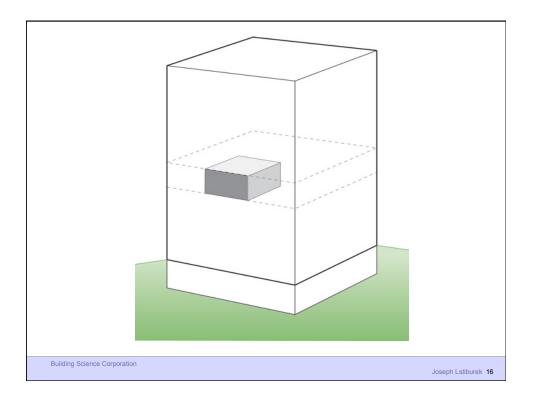




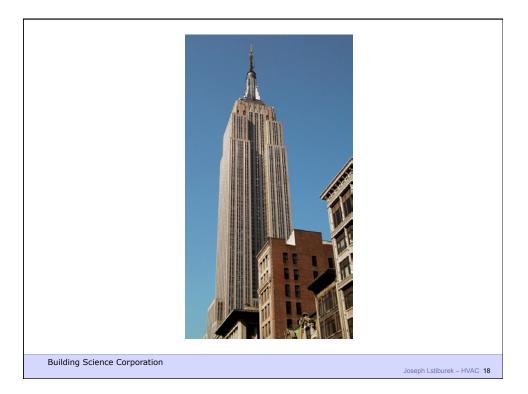


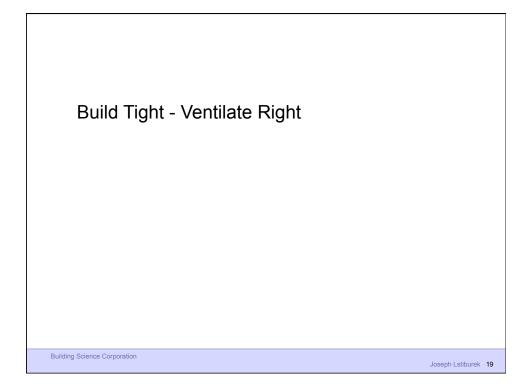


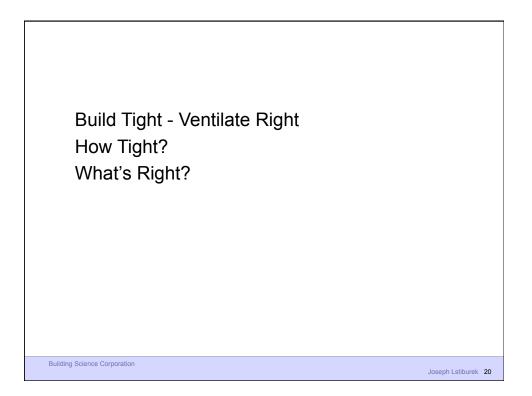


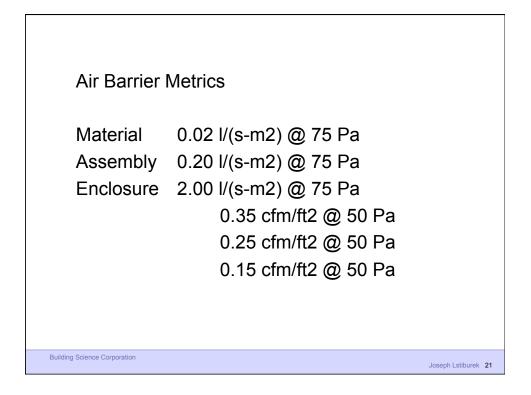


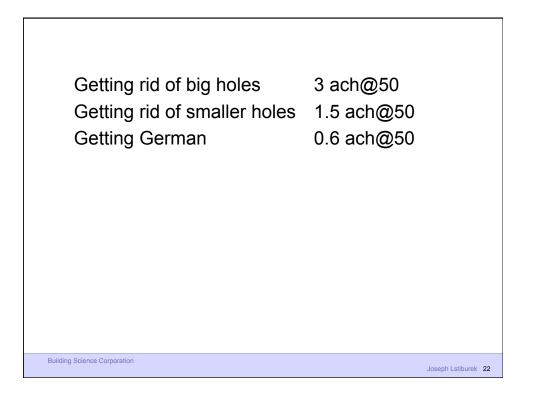




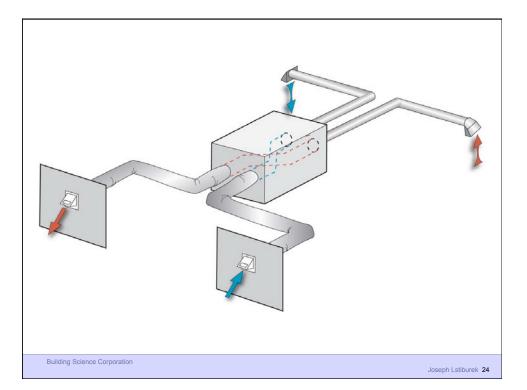


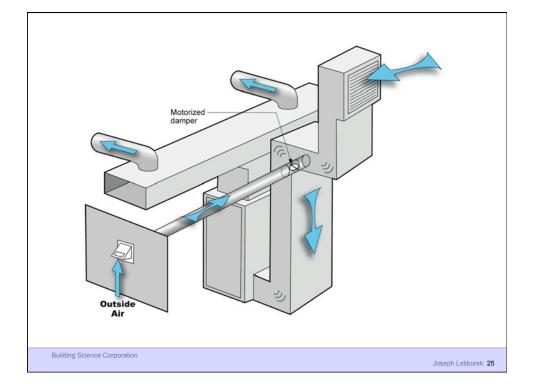


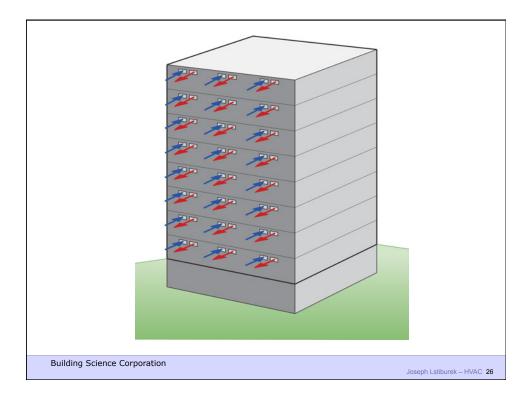




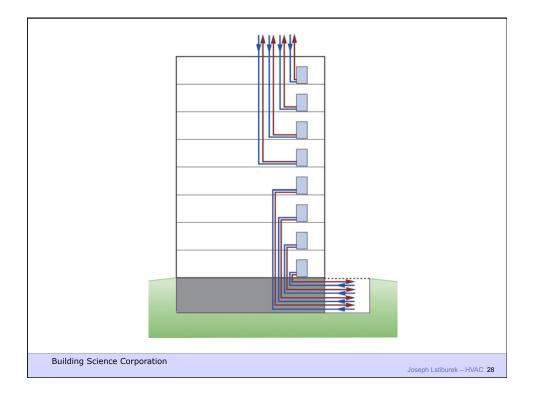
As Tight as Possible - with -Balanced Ventilation Distribution Source Control - Spot exhaust ventilation Filtration Material selection Energy Recovery

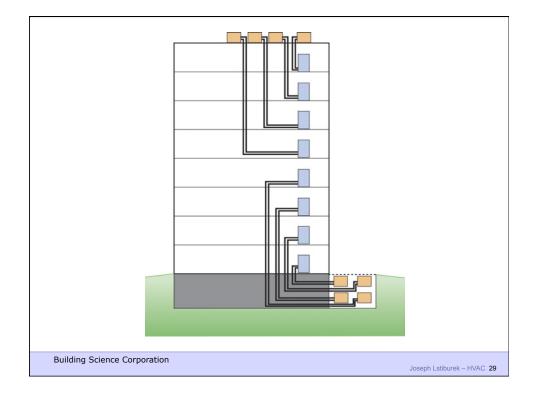


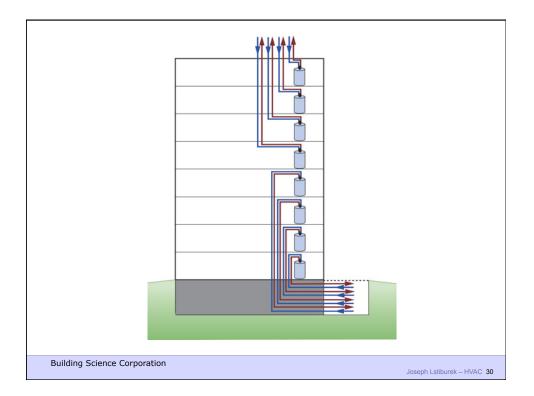
















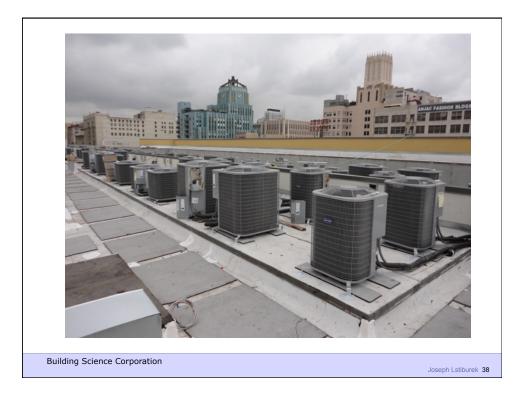












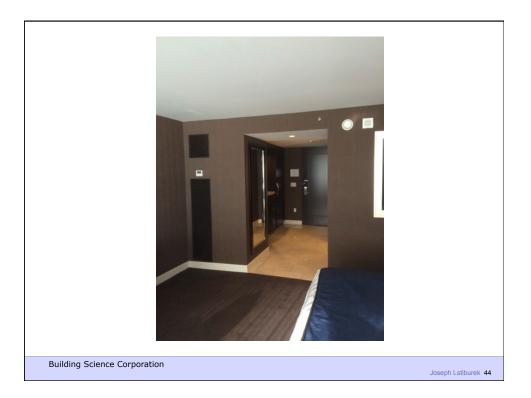


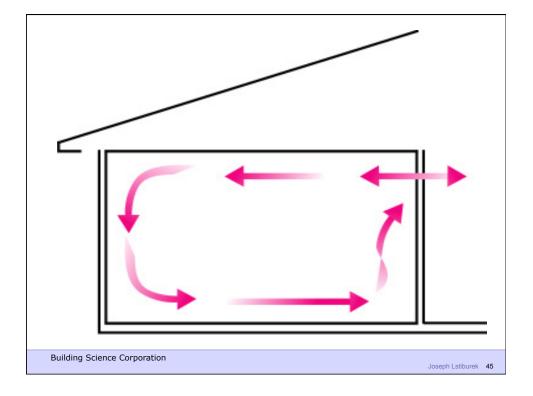


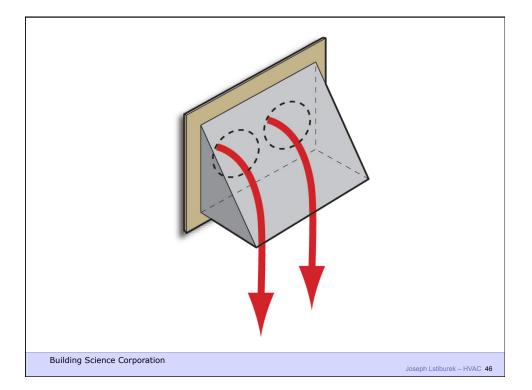


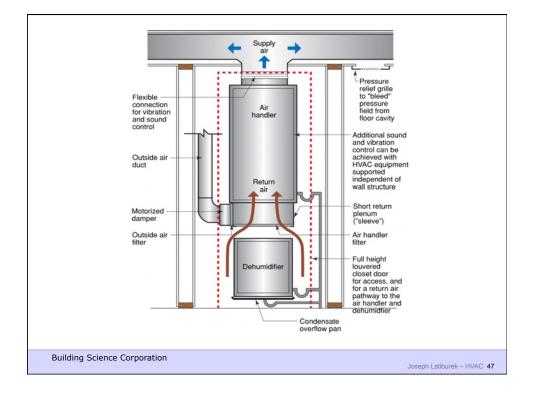


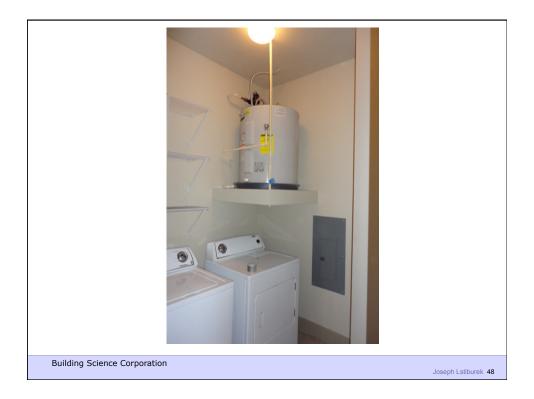






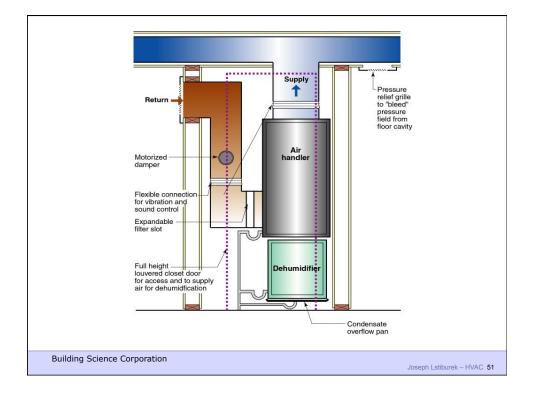






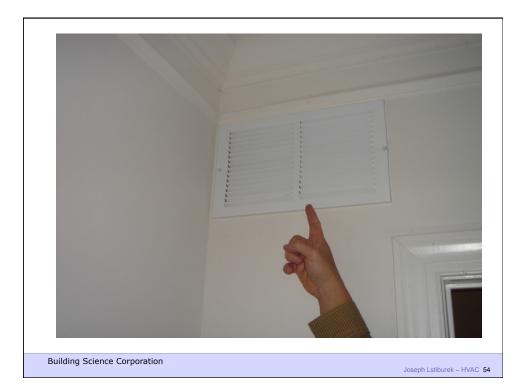


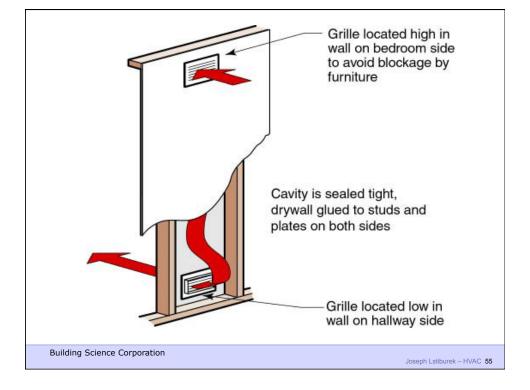


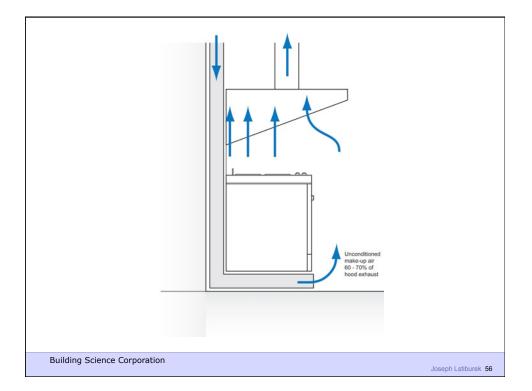




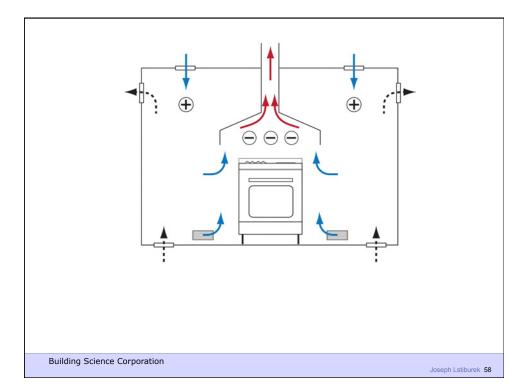


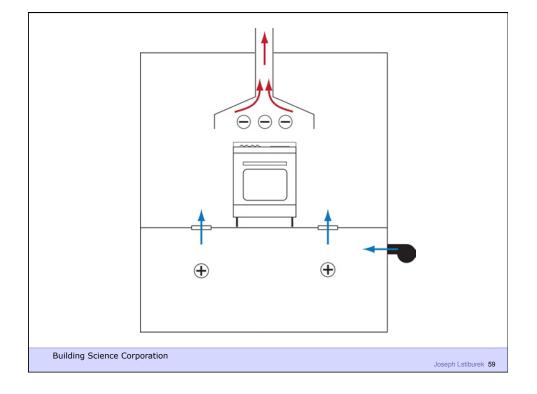




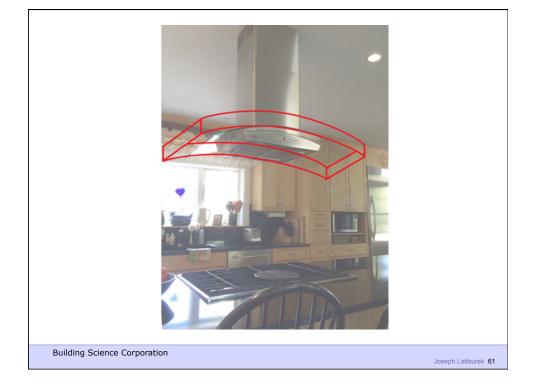








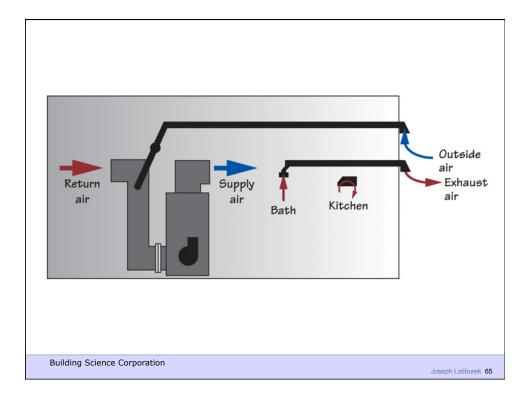


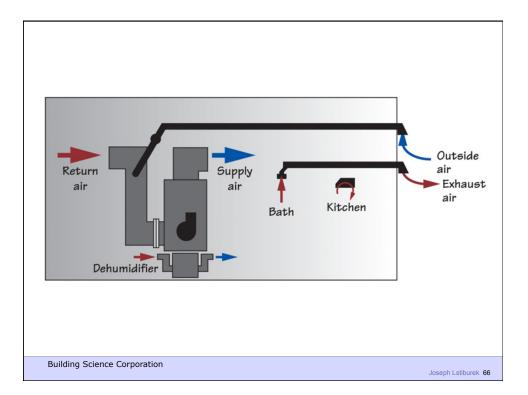


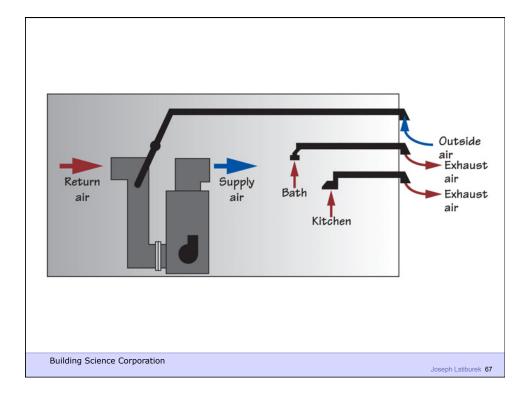


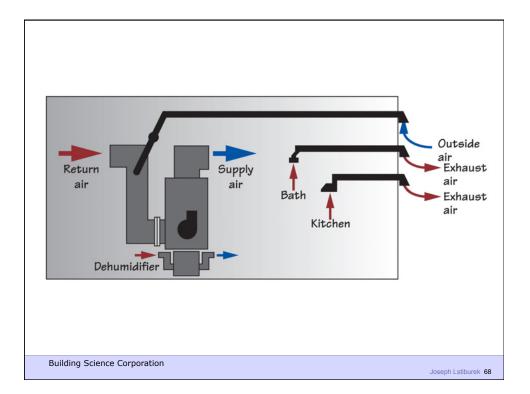


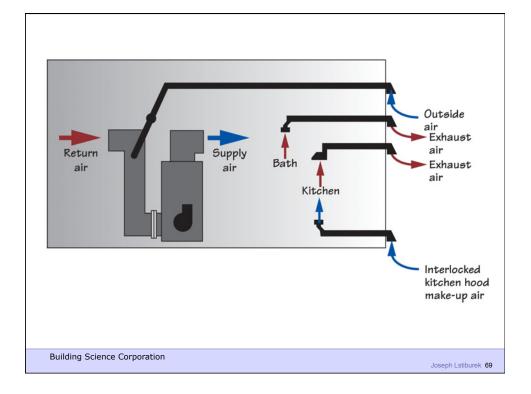


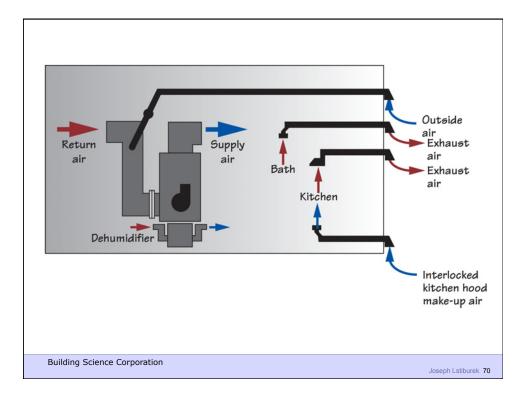


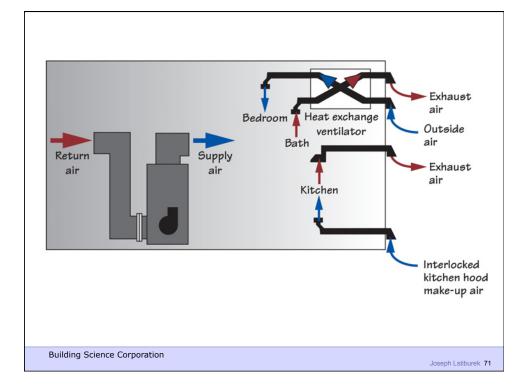


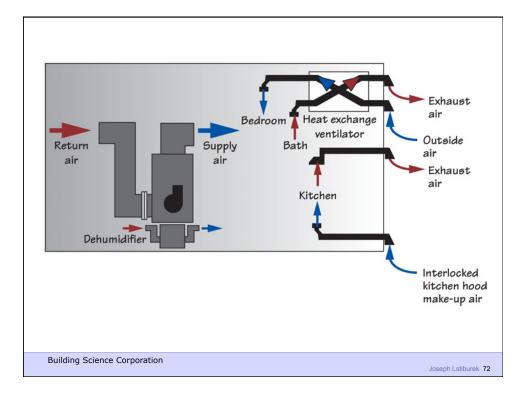


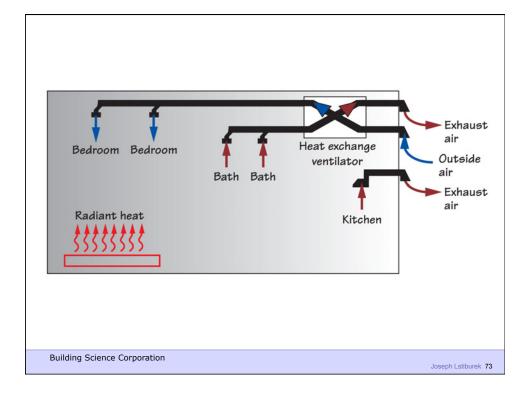


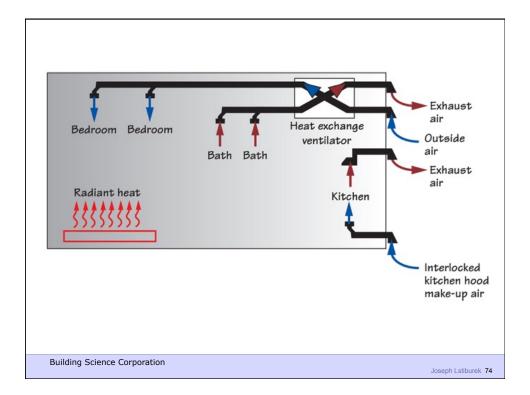


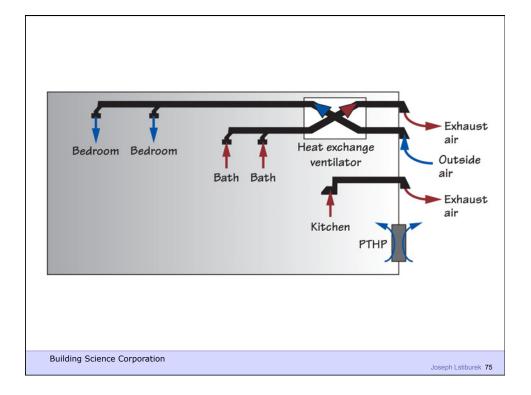


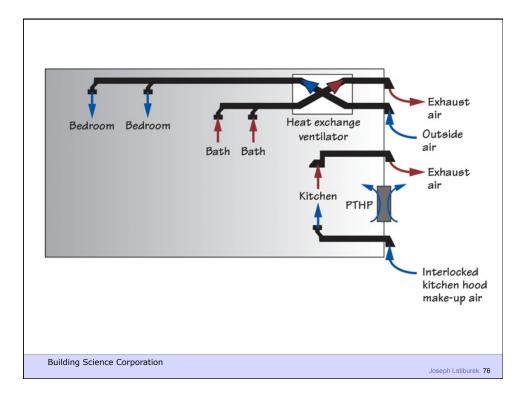


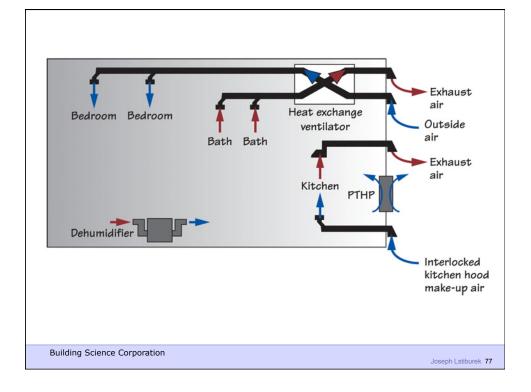


















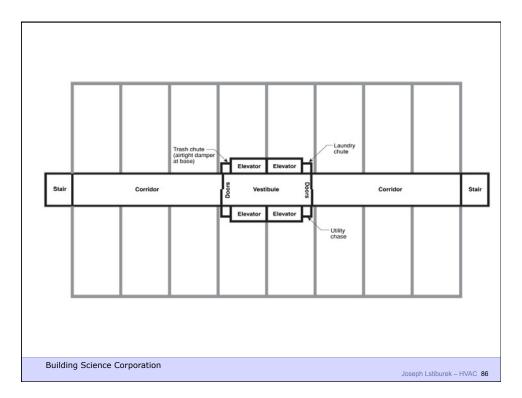




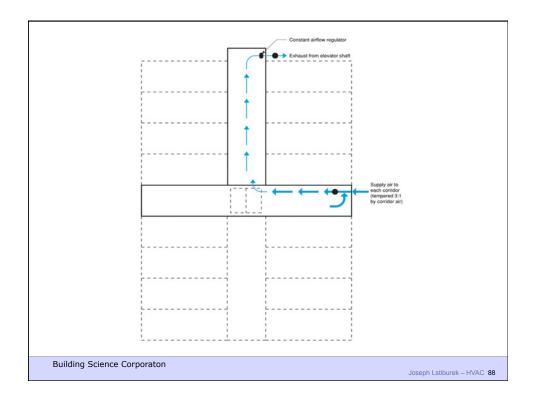


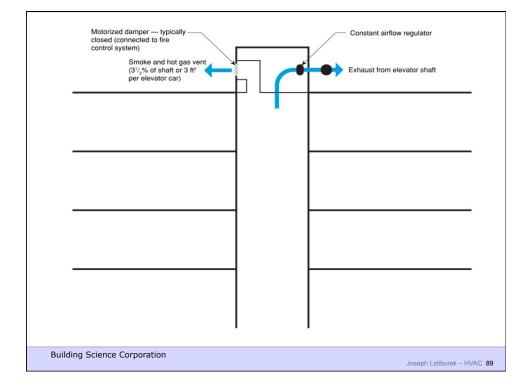




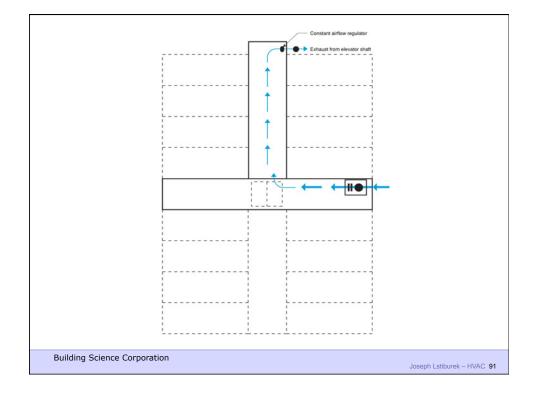


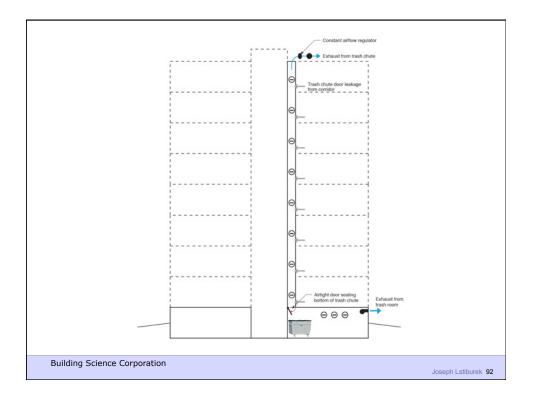




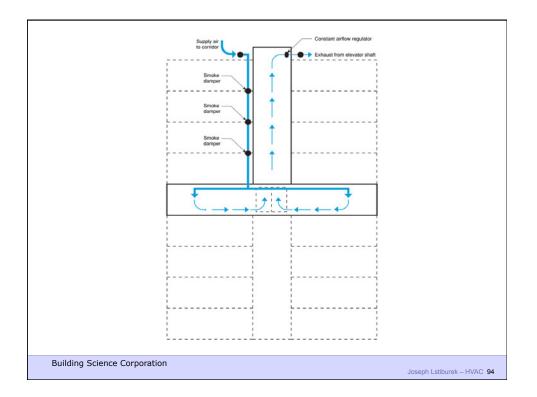


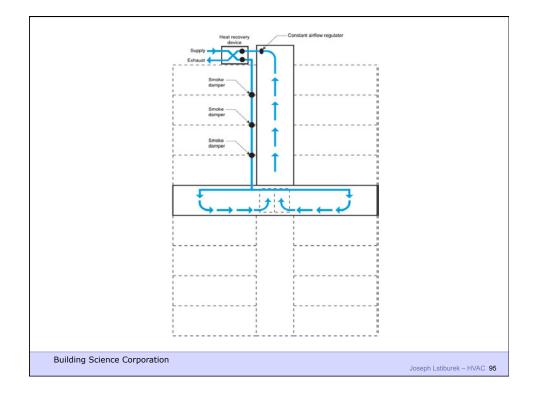


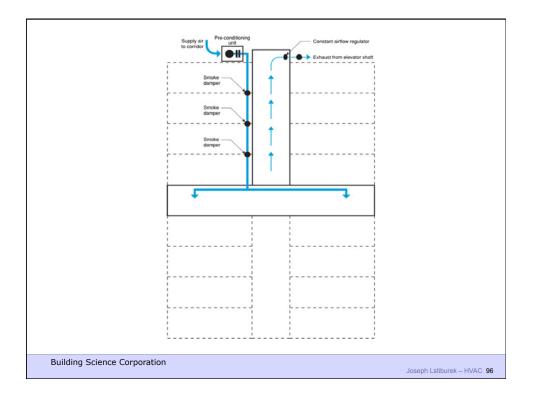


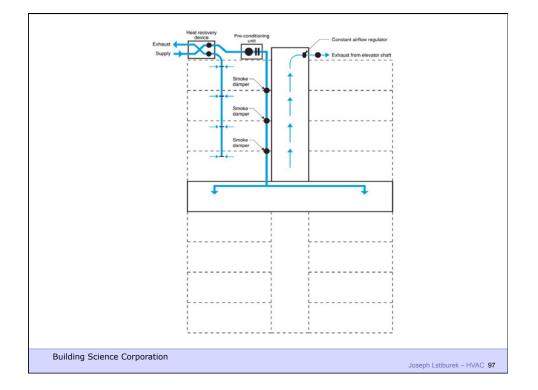




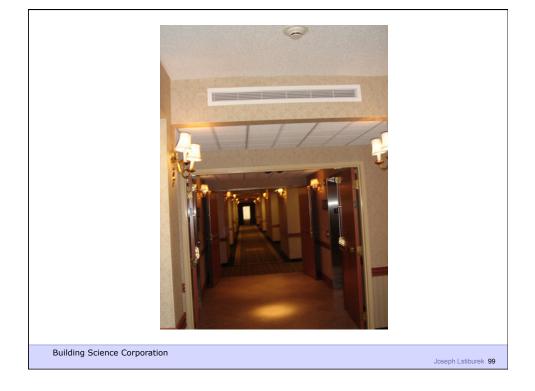








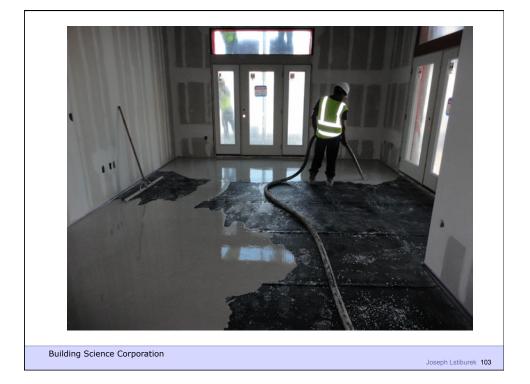








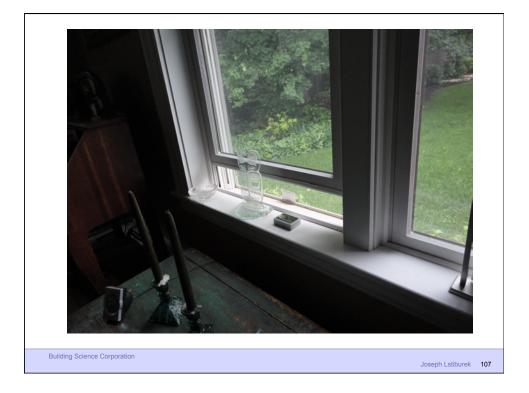




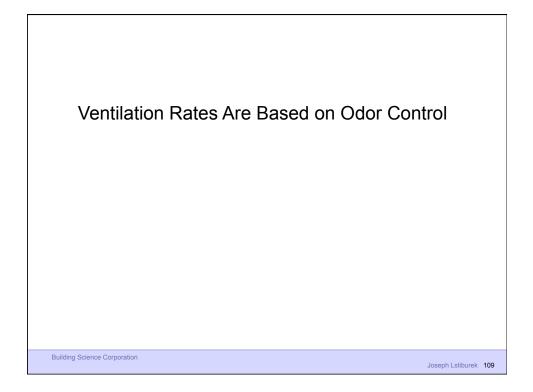


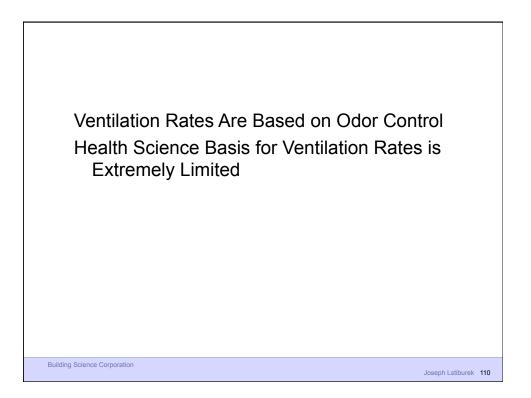


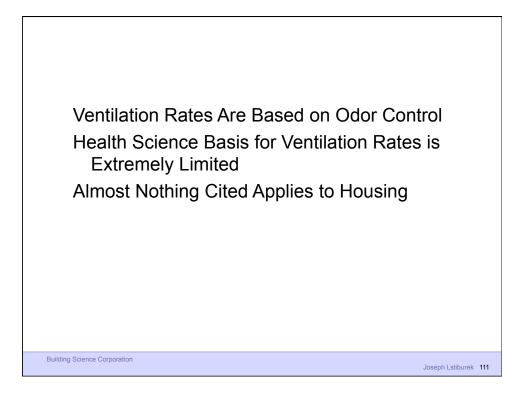


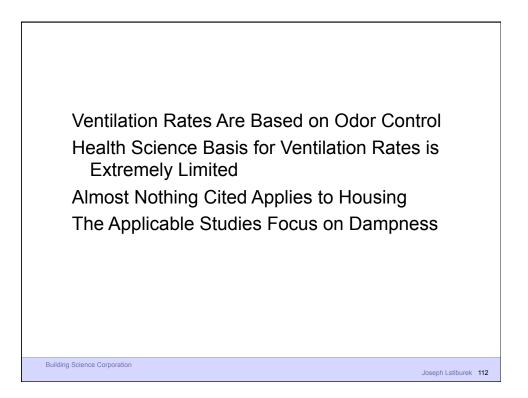


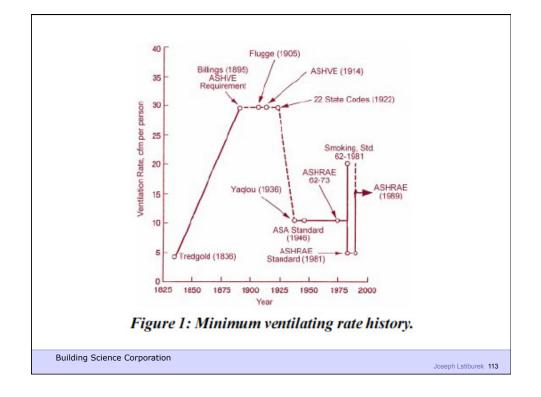


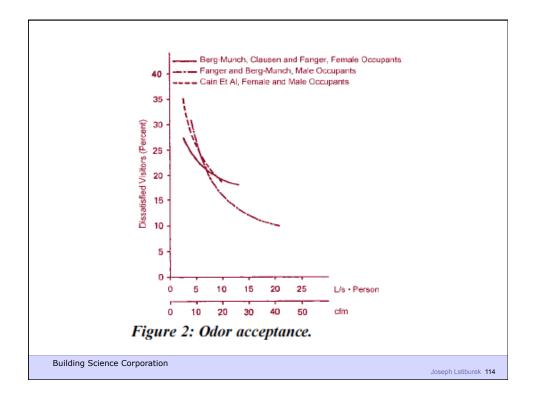








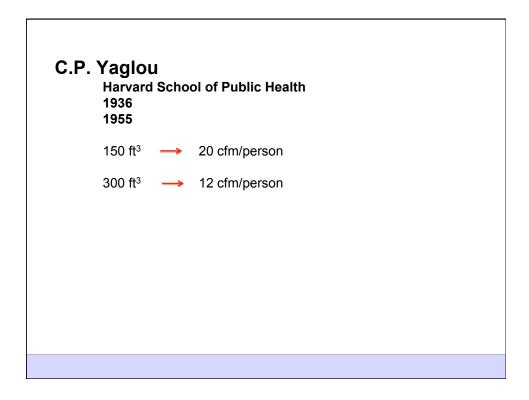


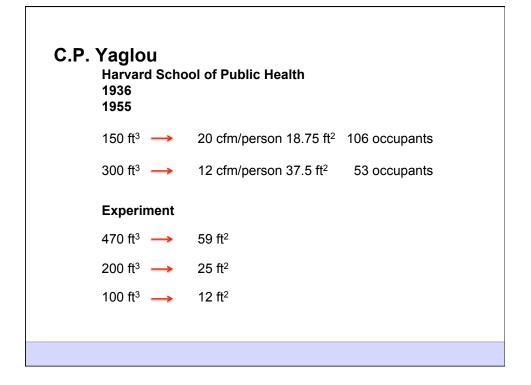


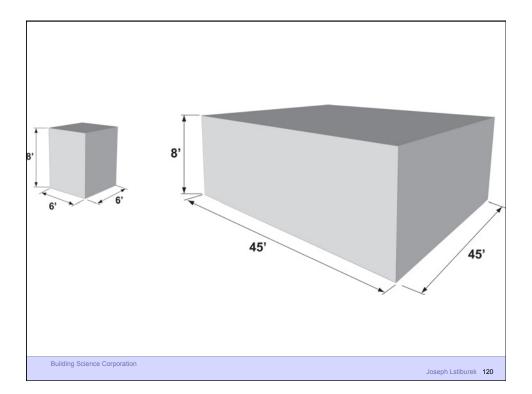
3 8) 000 ft ² bedrooms ft. ceiling olume: 16,000 ft ³		
.35 ach .30 ach .25 ach .20 ach .15 ach	80 cfm 67 cfm 53 cfm		
Building Scienc	e Corporation	Jt	oseph Lstiburek 115

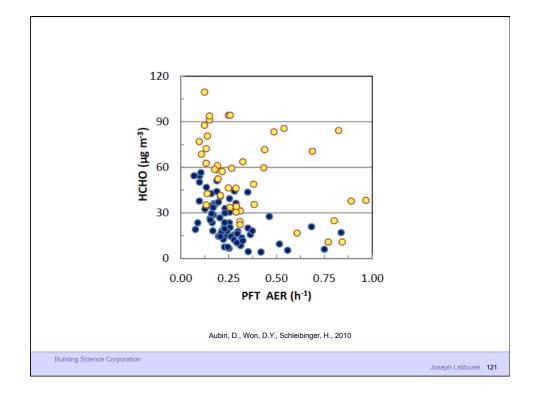
3 8	,000 ft ² bedrooms ft. ceiling olume: 16,000 f	ft ³			
			Ventilat	ion Rates	i
.35 ach	93 cfm	62 - 73	5 cfm	/person	20 cfr
.30 ach	80 cfm		10 cf	m/person	40 cfr
.25 ach	67 cfm	62 - 89	15 cfm/pe	erson	60 cfm
.20 ach	53 cfm	.3	5 ach	90 cfm	
.15 ach	40 cfm		62.2 - 2010 7.5 cfm/person + 0.01		50 cfm
		62.2 - 201	3 7.5 cfm/p	erson	90 cfm
		+ (0.03		

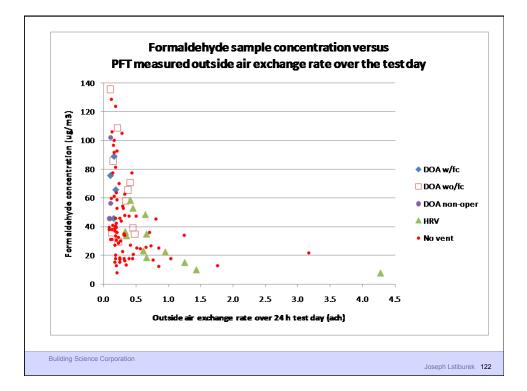
Office Occupant Density	
15/1000 ft² (67 ft²/person) 15 cfm/person	62 - 89
5/1000 ft² (200 ft²/person) 17 cfm/person	62.1 - 2007
Correctional Facility Cell Occupant Density	
20/1000 ft² (48 ft²/person) 10 cfm/person	62.1 – 2007











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Method	ACH (h ⁻¹)	ACH standard) season in Quebec City number of	
Method	ACII (III)	deviation (h ⁻¹)	measurements	
SF6 tracer decay	0.27	0.12	77	
erflurocarbon tracer	0.32	0.22	37	
lower door at 50 Pa	4.16	2.64	63	

