

RDH



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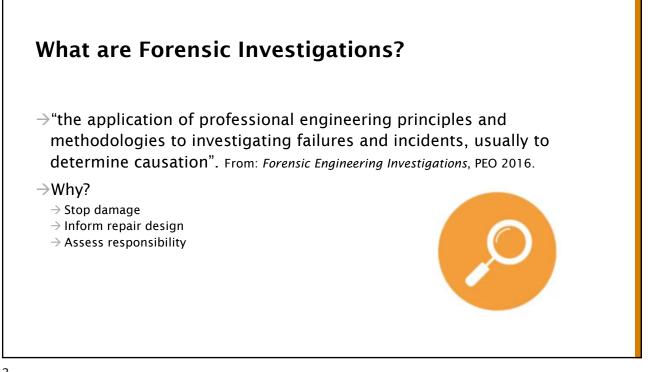
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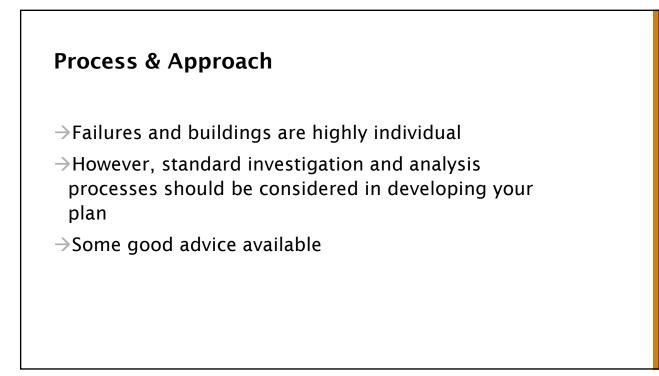
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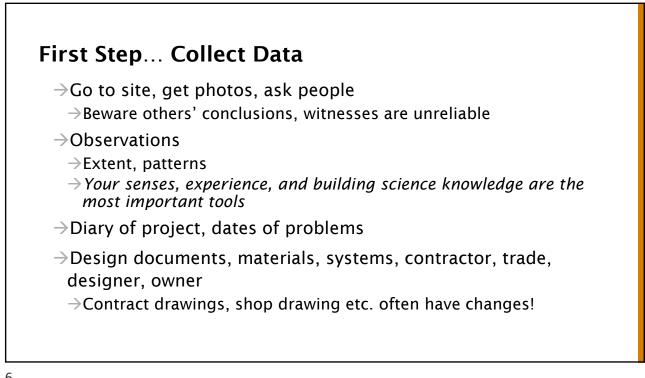
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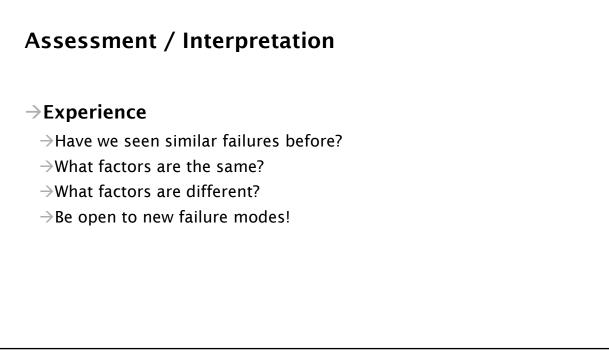


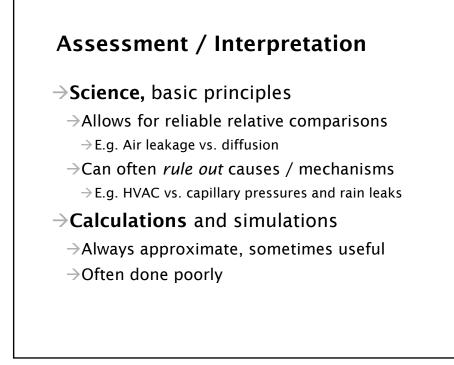


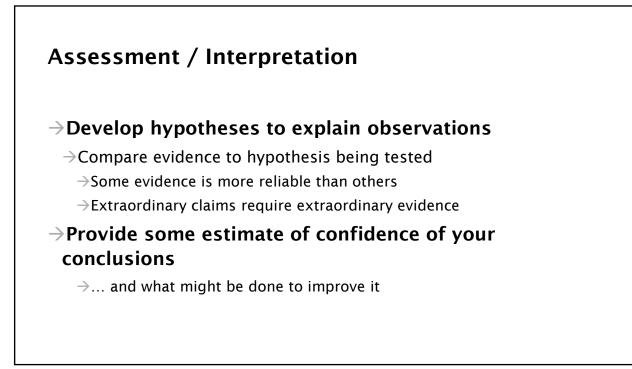


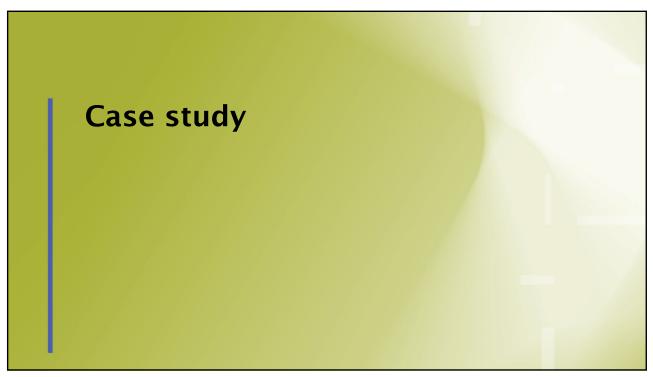




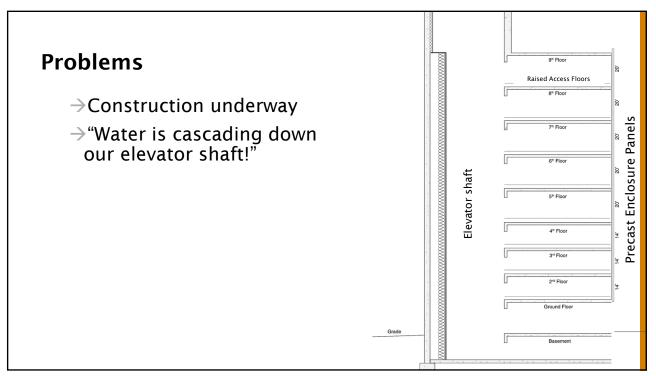


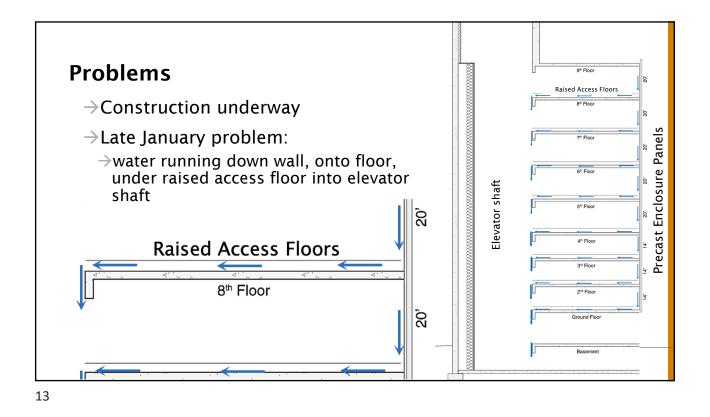


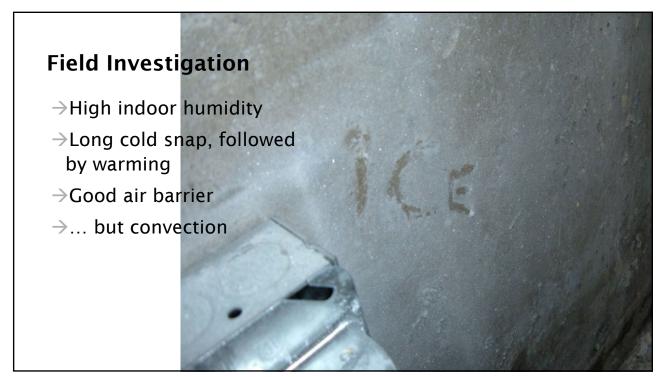


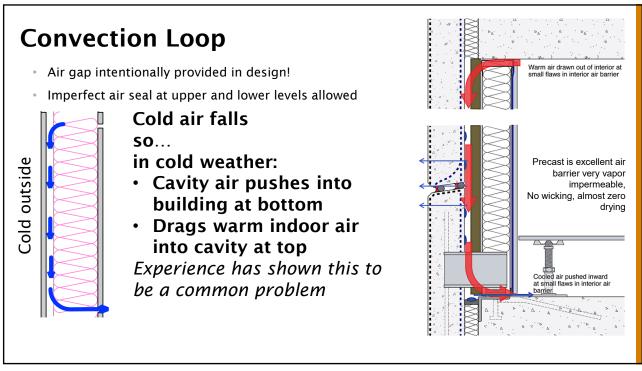


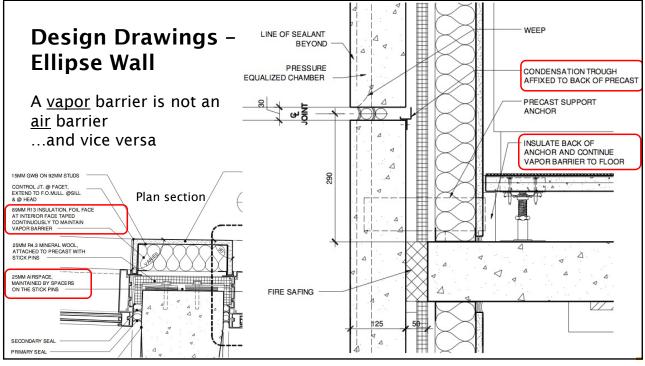


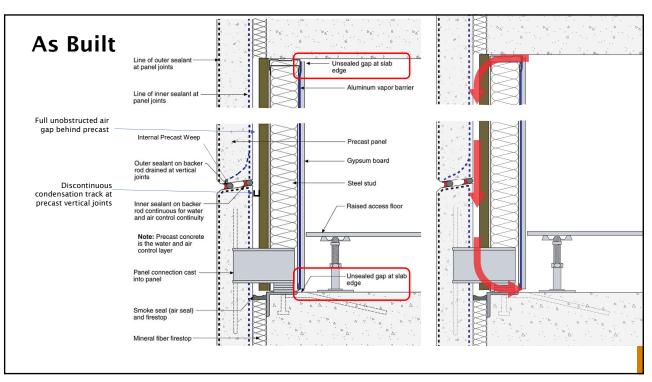


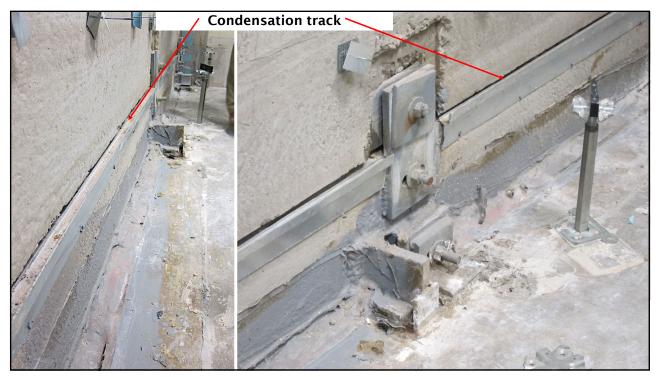


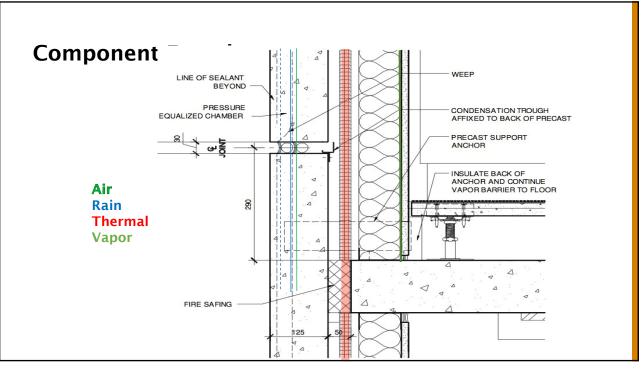


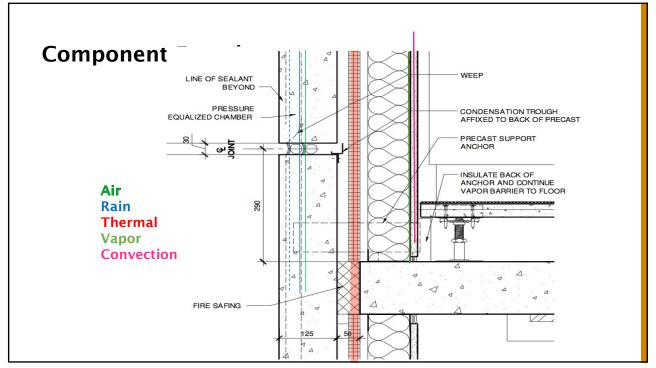


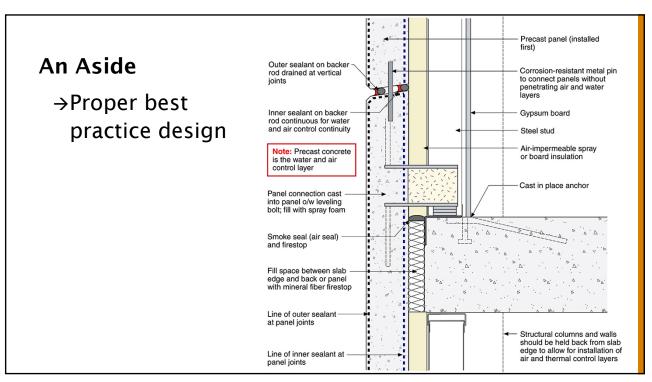








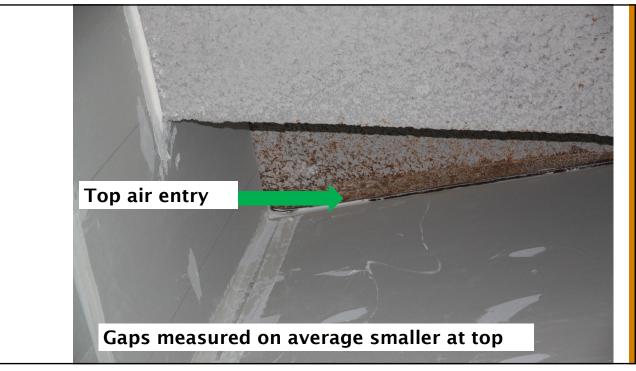


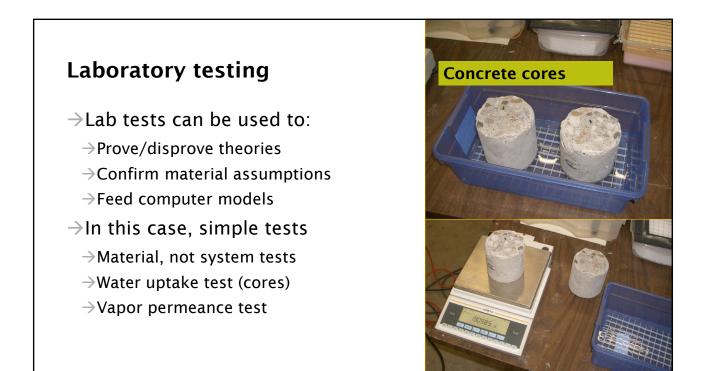


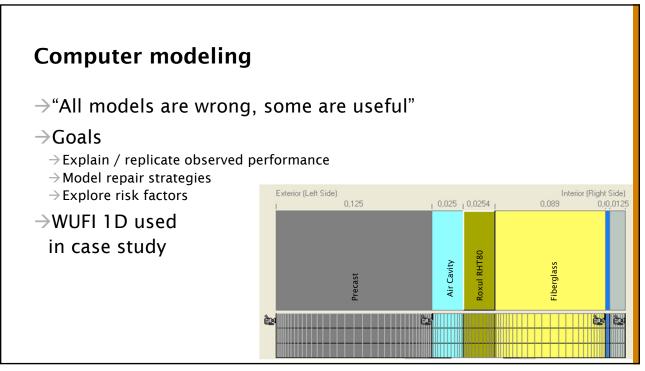


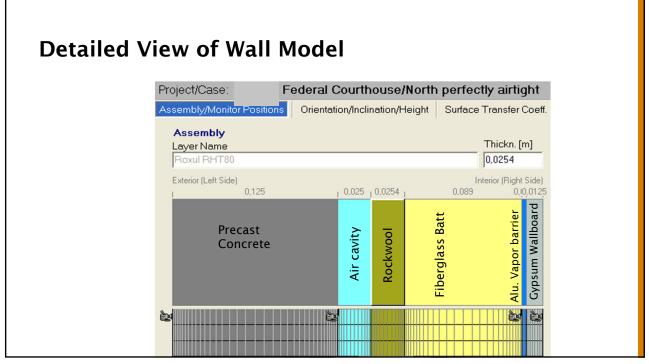


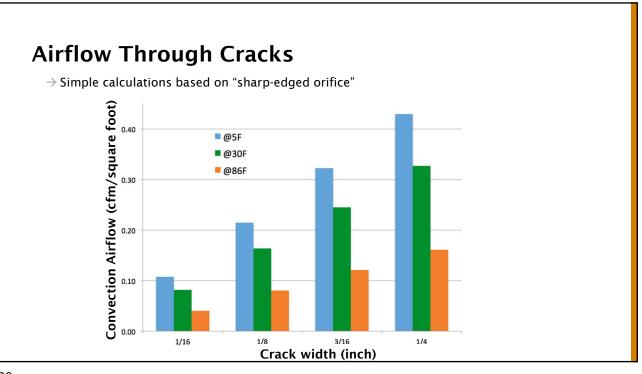


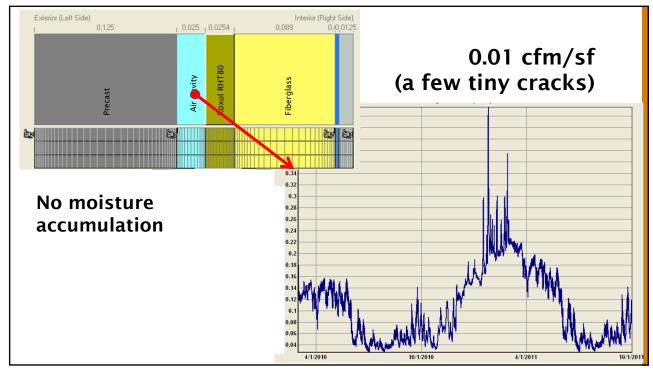


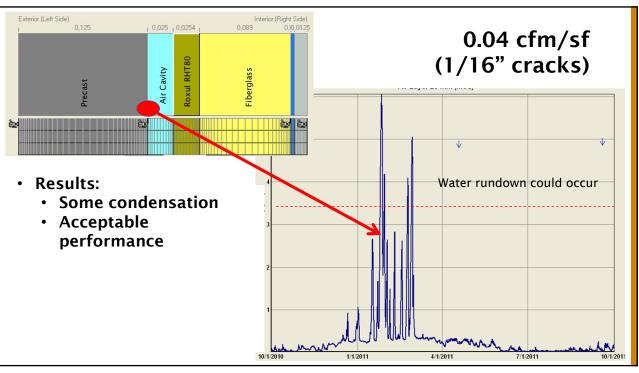


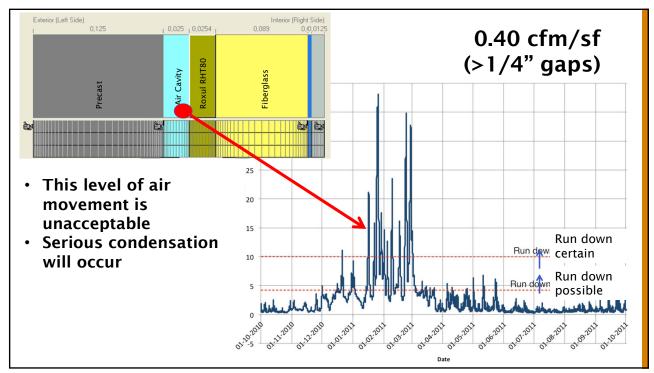


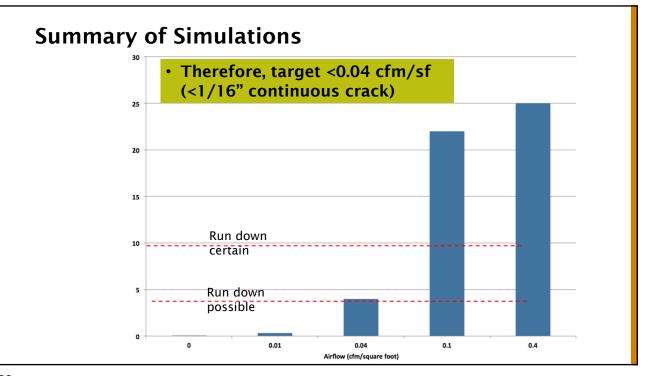


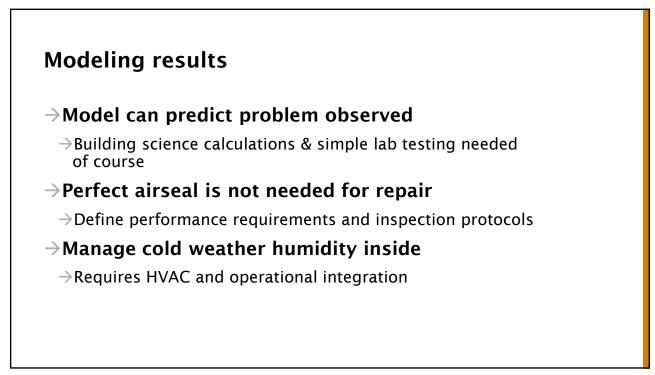










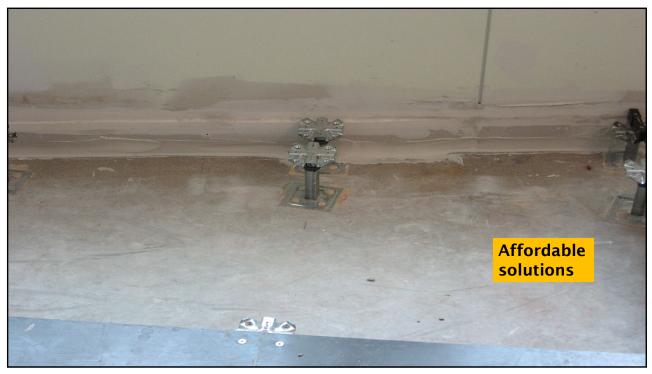


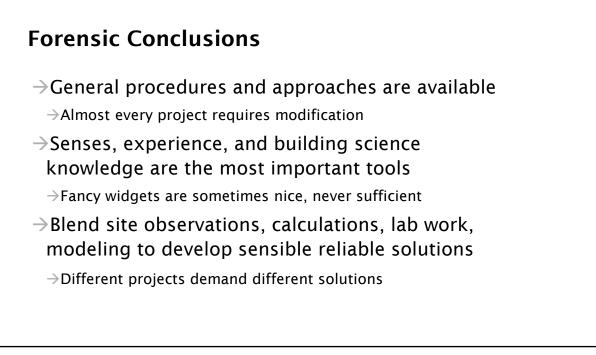
Solutions

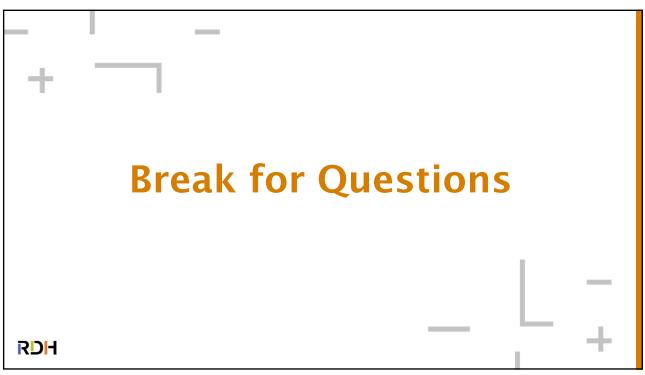
After forensic investigations we usually need to fix the building!

Appropriate solutions Options: Do Nothing, Repair, Replace, Modify operation, etc. Good, better, best Advise the client of pros and cons Gan't always do the best repair Always present ideal/best as an option for comparison Cost, schedule, disruption, etc. normally involve Consider consequence of doing nothing?

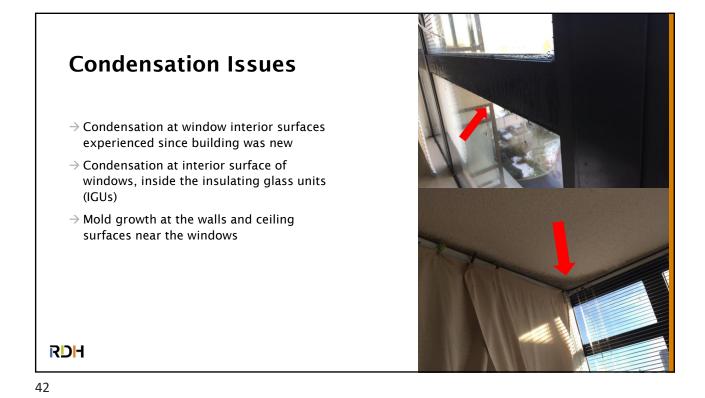


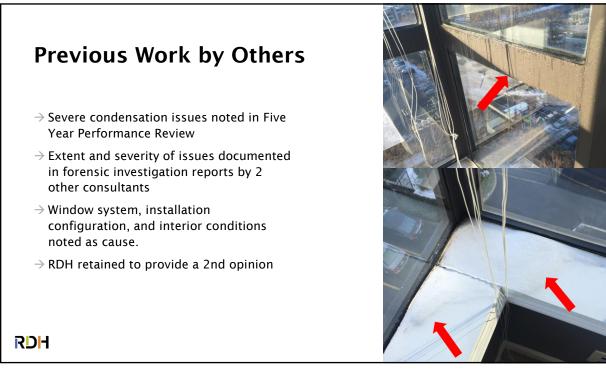


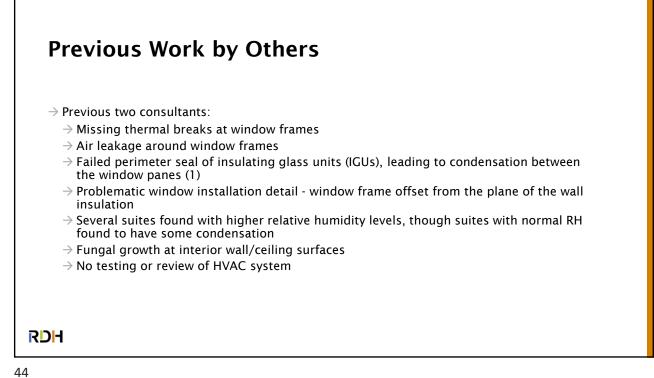




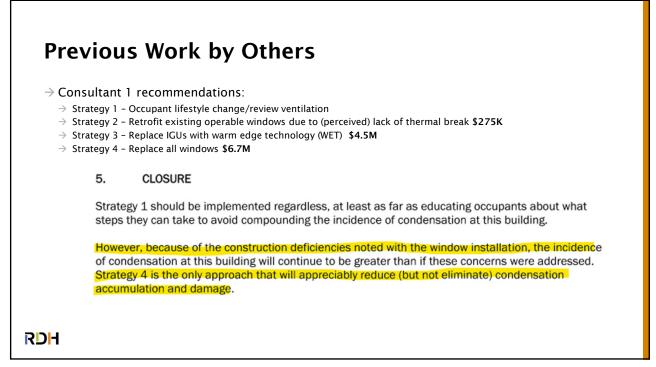


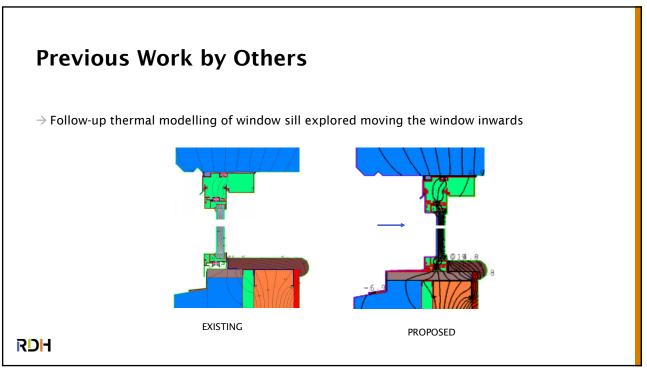


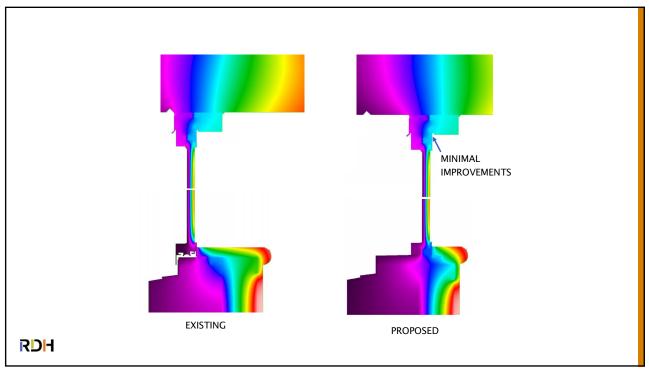


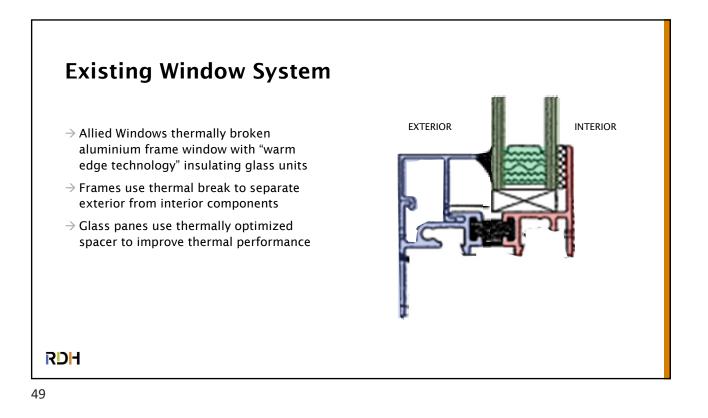


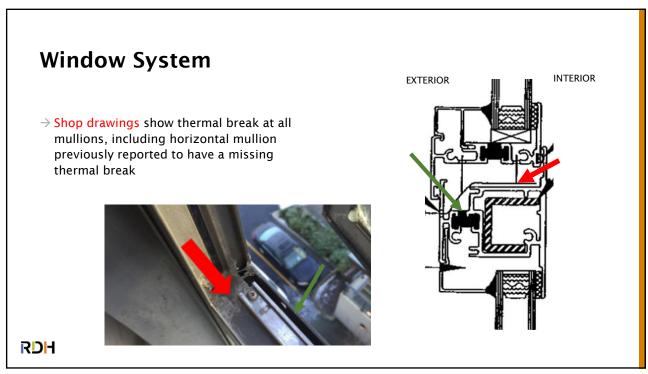






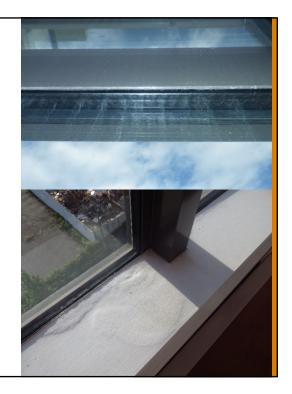






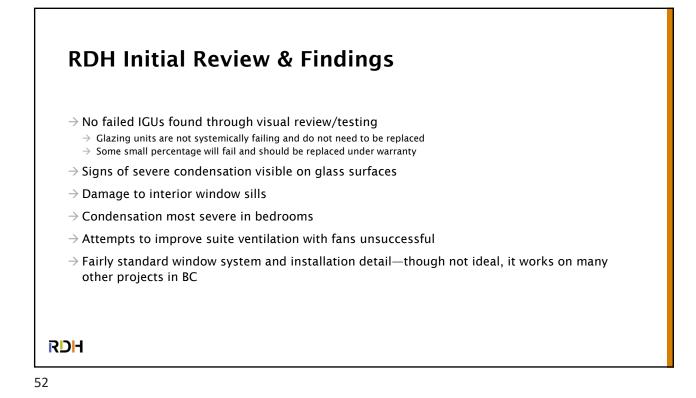
RDH 2nd Opinion Review & Findings

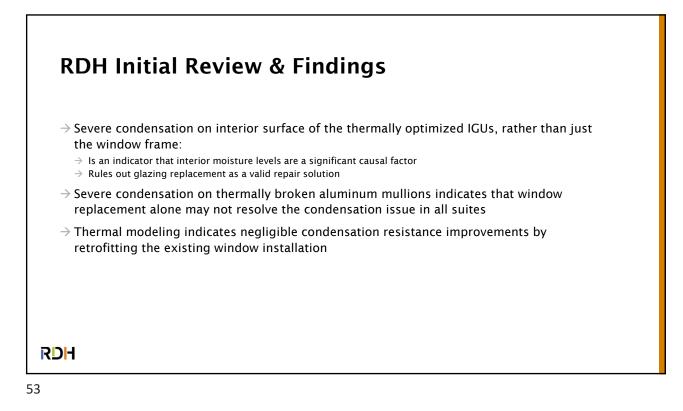
- \rightarrow IGUs reviewed and tested for signs of failure
- → Interior surfaces reviewed for damage due to wetting from both condensation and possible leakage
- \rightarrow Discussion with owners experiencing severe condensation

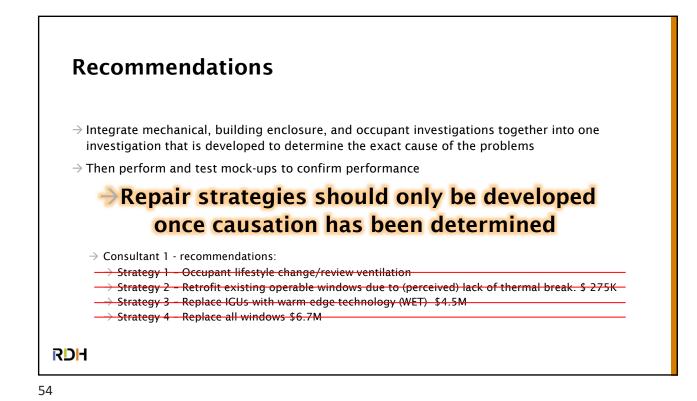


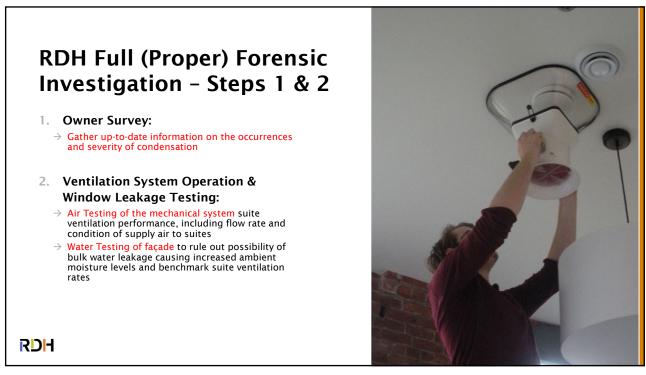
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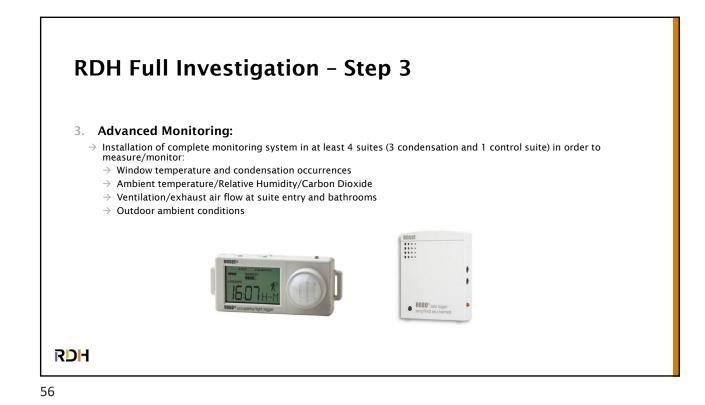
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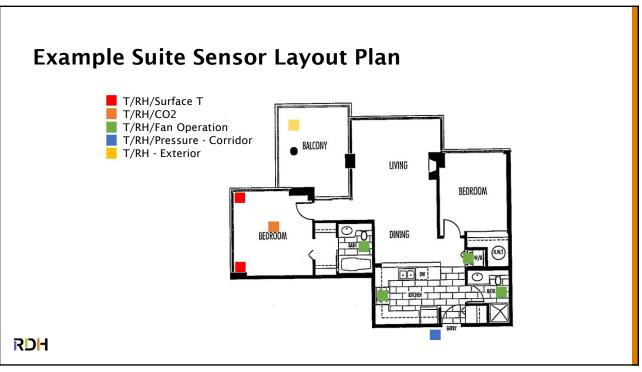






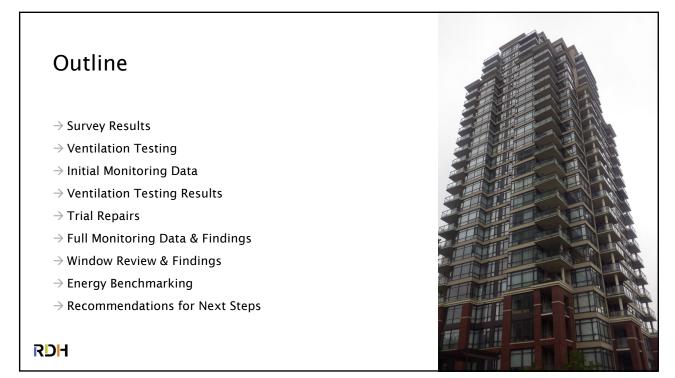


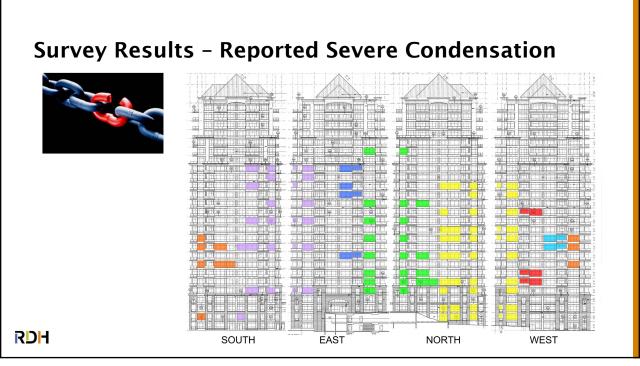


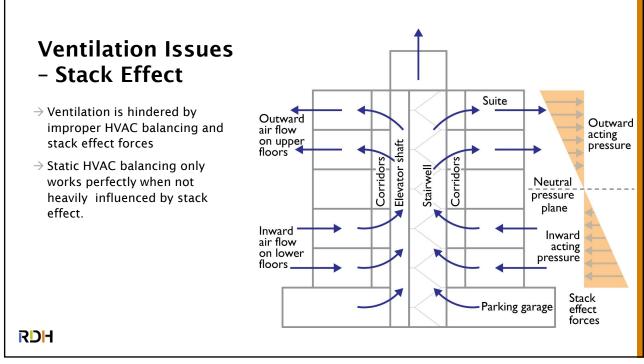


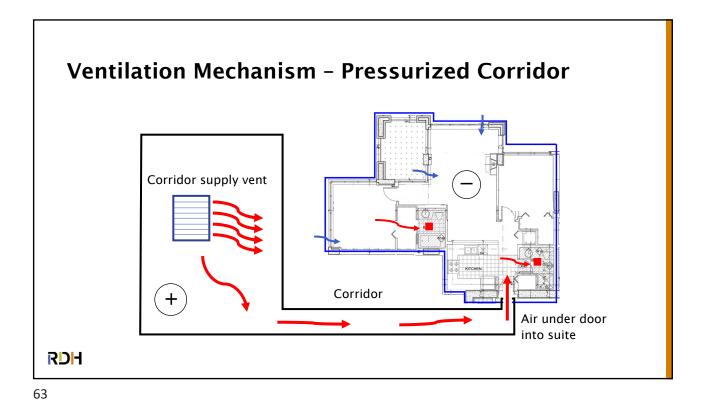


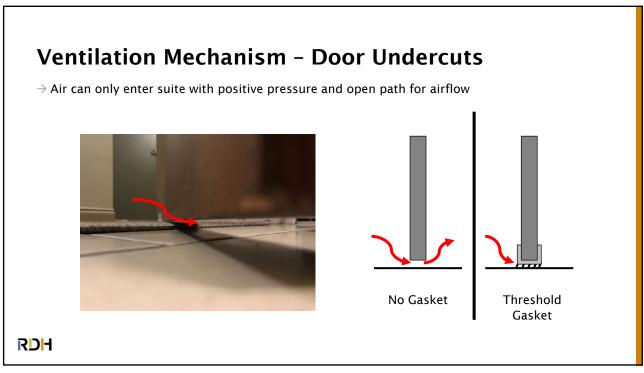














Venti	lation Testi	ng Result	S		
Corridor V	entilation Rates				
	Floor 5	Floor 7	Floor 9	Floor 16	
	~60 CFM	~60 CFM	~97 CFM	~127 CFM	
Entry Door Pressure & Airflow – Single Point Control					
	502	702	902	1602	
	-5.5 Pascals	-0.7 Pascals	-0.8 Pascals	6 Pascals	
	(4.5 CFM)	(14 CFM)	(5.9 CFM)	47 CFM	
	threshold gasket	no gasket	no gasket	no gasket	
	(ASHRAE=30-50 cfm)				
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