

















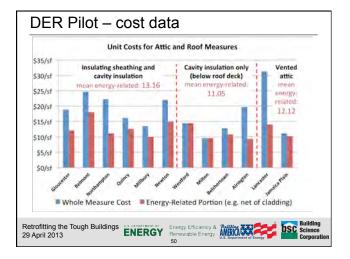


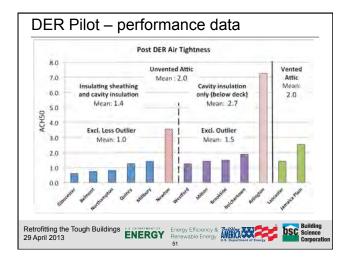


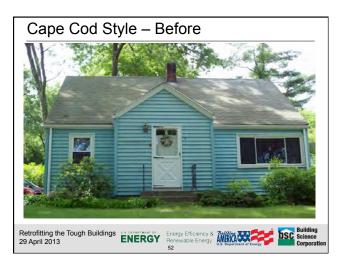
### DER Pilot – cost data

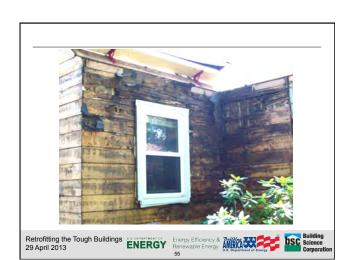
- National Grid Deep Energy Retrofit Pilot Program (Massachusetts)
- R-60 target
- Data for 6 implementations
- Cost net of standard re-roofing
  - Mean: \$13.16 / s.f.
  - Range: \$10 18 / s.f.















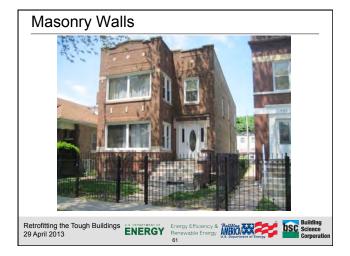


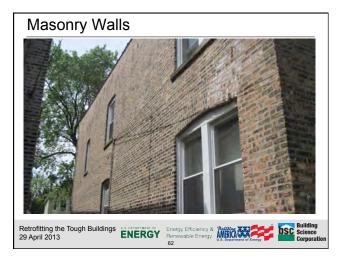


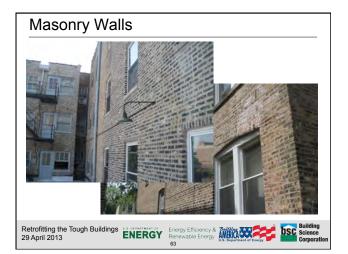


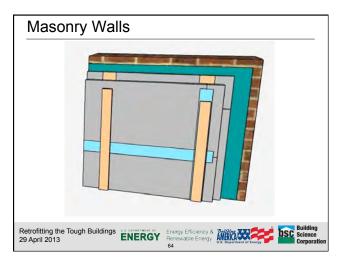


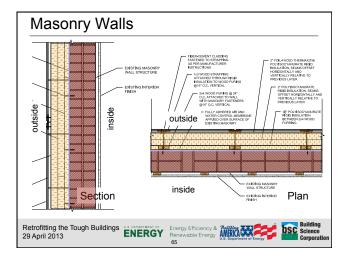


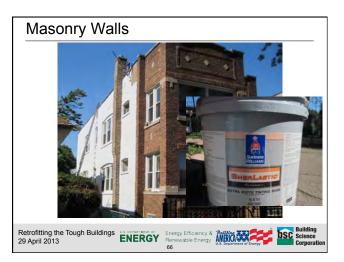


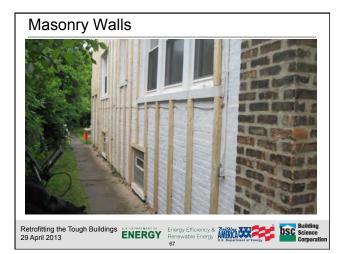


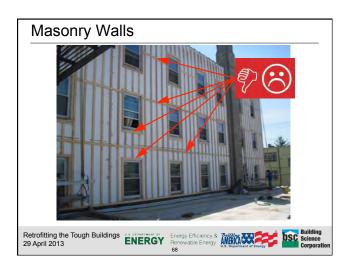


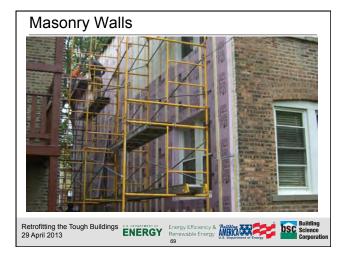










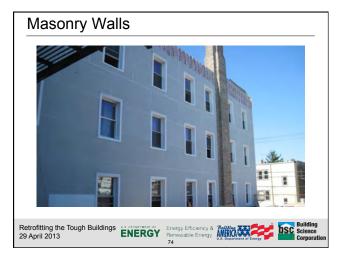


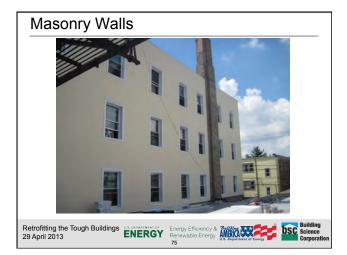


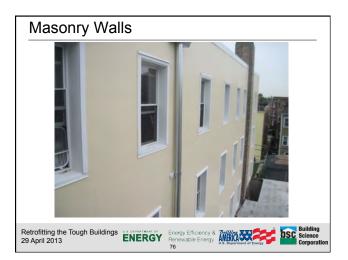


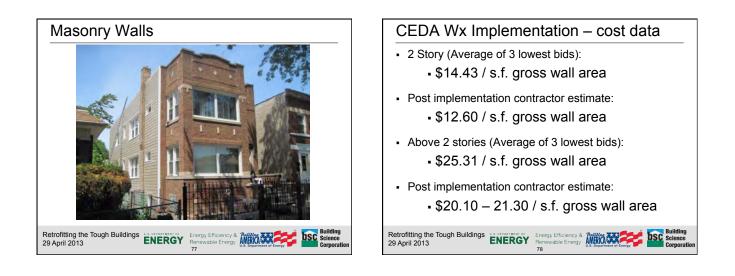












## Masonry Walls – windows

Windows

- Flashing
- Flanking losses (thermal bridges)
- Replacement

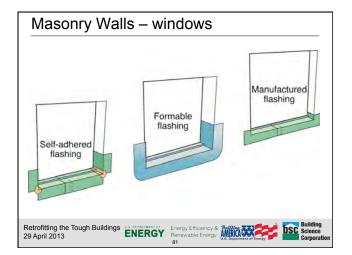
## Masonry Walls – windows

#### Windows

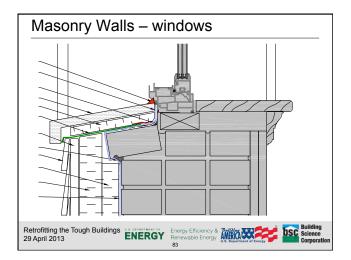
- Flashing
- Flanking losses (thermal bridges)
- Replacement

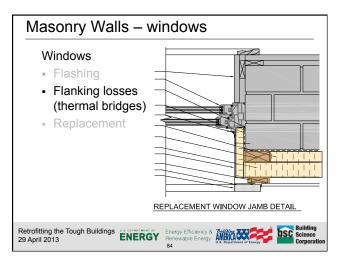
# Retrofitting the Tough Buildings ENERGY Energy Efficiency & Allow Science Science Science Renewable Energy 2012 The Deptiment of Ene

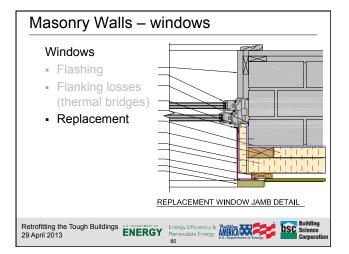














## EVERITY INCLUSION TECHNOLOGIES PROGRAM Evaluation of Two CEDA Weatherization Pilot Implementations of an Exterior Insulation and Over-Clad Retrofit Strategy for Residential Masonry Buildings in Chicago

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