

From Pilot to Process:

Using Green Building Approaches to Address Health in Multifamily, Affordable Housing

Presented at the 2018 Conference on Health, Environment and Energy



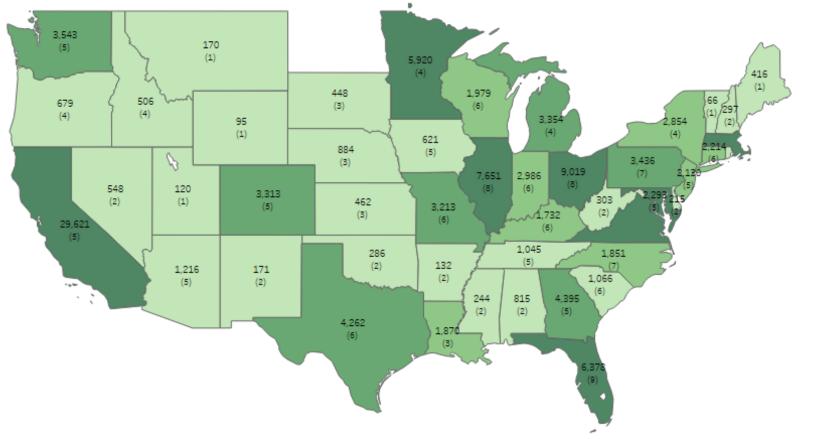






Introducing SAHF

SAHF is a nonprofit collaborative of thirteen exemplary multi-state nonprofit affordable housing providers who own more than 138,000 affordable rental homes.



BRIDGE Housing

CommonBond Communities

Community Housing Partners

The Evangelical Lutheran Good Samaritan Society

Homes for America

Mercy Housing

National Church Residences

National Housing Trust/Enterprise

The NHP Foundation

Preservation of Affordable Housing

Retirement Housing Foundation

The Community Builders

Volunteers of America



Growing from Green to Healthy





Why focus on multifamily?

People spend 90% of their time **indoors**.

Your **home** is the one place you spend the most time.





Aspects of Healthy Building

















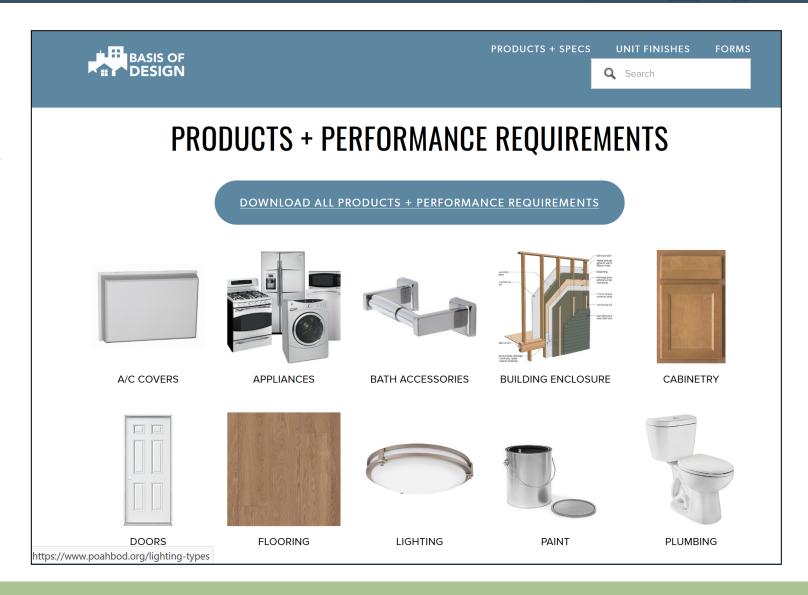
Green Tools for Health: Construction/Design Standards

Active Design

- Mercy Housing
 Partnership for a Healthier
 America Commitment
- Mercy Housing Southeast Design Guidelines developed with Enterprise Health Action Plan Pilot

Efficiency & Materials:

 POAH's Basis of Design www.poahbod.org





Green tools for health: Replacement Standards



Green tools for health: Inspection checklists

BRIDG	Housing

Property Name:	Date:
Completed By:	Unit #:

APARTMENT INSPECTION and APARTMENT TURNOVER Checklist (Page 1) Problem **PROCEDURE DETAILS** Found? Notes: WATER EFFICIENCY Rated flow rate should be 1.5 GPM or less. Bathroom: Showerhead □YES If rating is not visible - measure the flow rate using Check the rated flow rate of the showerhead. □NO a Flow Gauge Measuring Bag (see instructions below). Rated flow rate should be 1.0 GPM or less. Bathroom: Faucet □YES If rating is not visible - measure the flow rate using 2 Check the rated flow rate of the faucet aerator. □NO a Flow Gauge Measuring Bag (see instructions below). Inspect the aerator catridge for corrosion. Replace Bathroom : Faucet ⊓YES 3 any aerators that show significant signs of Inspect the aerator cartridge for corrosion. damage. Toilet rating (in GPF) should be 1.28 GPF or less. Bathroom: Toilet □YES Check the toilet itself for a written rating - if not on the outside surface - check the inside of the Check the rated flow rate of the toilet. tank. Drop one capful of Mrs. Stewart's Liquid Bluing into Bathroom: Toilet □YES the Tank. If the water in the bowl begins turning blue - there Check the toilet tank for leaks. \sqcap NO is a leak and the flapper needs repair.



Healthy Building Network's Homefree Initiative

Products: Hazard spectrum/ stoplight approach to 8 categories

- Flooring
- Paint
- Drywall
- Countertops
- Cabinetry & Millwork
- Insulation
- Flooring Adhesives
- Sealants

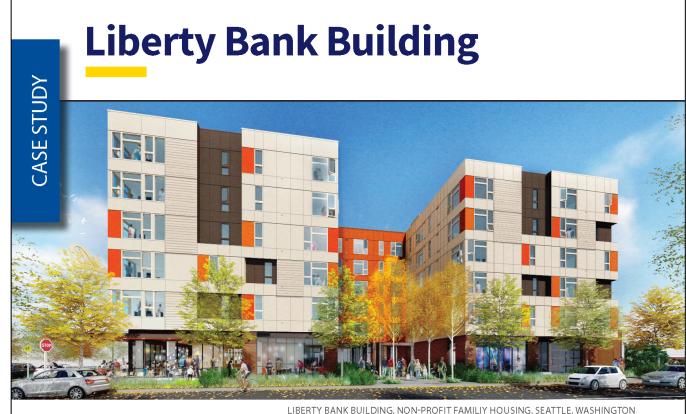




Healthy Building Network's Homefree Initiative

Demonstration Projects and Baseline Specification for 6 Regions:

- Pacific Northwest
- Minnesota
- New York
- California
- Louisiana
- Washington, DC



PRODUCT CATAGORIES

FLOORING

Green Label; Free of PVC and chlorine -no recycled content, Liberty Bank Building is a 115-unit affordable housing community located in the Central Area, developed by Capitol Hill Housing (CHH). The design incorporates art and architecture to honor the history of the neighborhood and the Liberty Bank formerly located on the site. The 101,000 s.f., 6-story building includes apartments - studios, 1- and 2- bedrooms









Thank You!

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