

Who we are



Marc Stauffer
Director of Design and
Construction

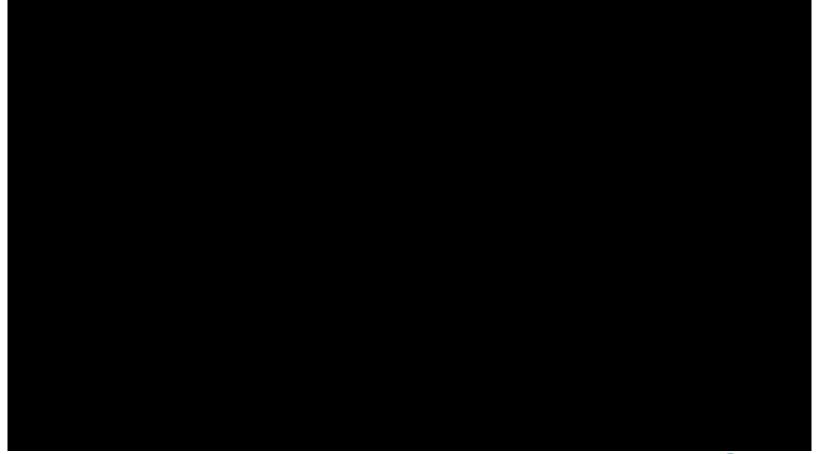


Michael Rosenband Founder and Executive Director



Timmy AzizDirector of Architecture & Education





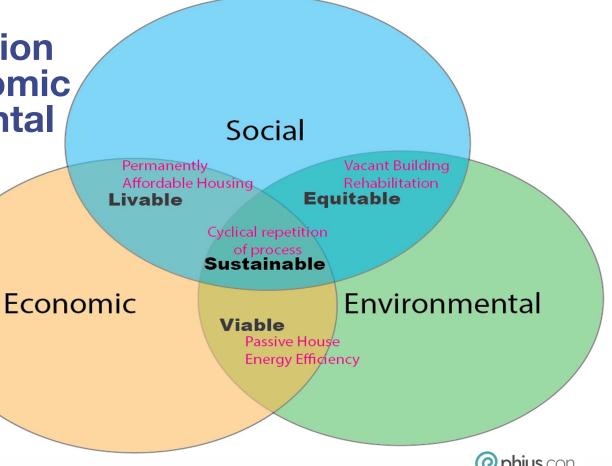


Agenda

- 1. The intersection of social, economic and environmental challenges.
- 2. Strategies for the high performance rehab. of a vacant row home.
- 3. Investing in the Carver House.
- 4. Impact and Positive Change.



1. The intersection of social, economic and environmental challenges





CHALLENGE

Greater Rosemont Neighborhood

Location Map with Carver Tech, 2212 Presstman



2100 Block, Presstman Street, West Baltimore



CHALLENGE: UNMET NEEDS

Greater Rosemont Neighborhood

- 2.5X number of vacant buildings
- 17.8% unemployment rate 2.3 x times Baltimore City
- 20.9% family poverty rate
 39% higher than Baltimore City
- \$37,490 median income 28% less than Baltimore City

Source: Baltimore Neighborhood Indicators Alliance, 2020 Vital Signs dataset



CHALLENGE

Carver Vocational Technical High School



Carver Trade Students, Carver House, Fall 2021, West Baltimore, MD.



CHALLENGE: UNMET NEEDS

Carver Vocational Technical High School

 Baltimore City vocational students earn \$13k annually 6 years after graduating

Source: Fund for Educational Excellence

MD. Construction industry
 12.6% 5yr growth projection

Source: MD Department of Labor



VOCATIONAL TECHNICAL HIGH SCHOOL WORKPLACE INDUSTRY CAREERS







VACANT & ABANDONED BUILDINGS



AFFORDABLE HOUSING OWNERSHIP

VOCATIONAL TECHNICAL HIGH SCHOOL



WORKPLACE INDUSTRY CAREERS

WASTEFUL & TOXIC DEMOLITION



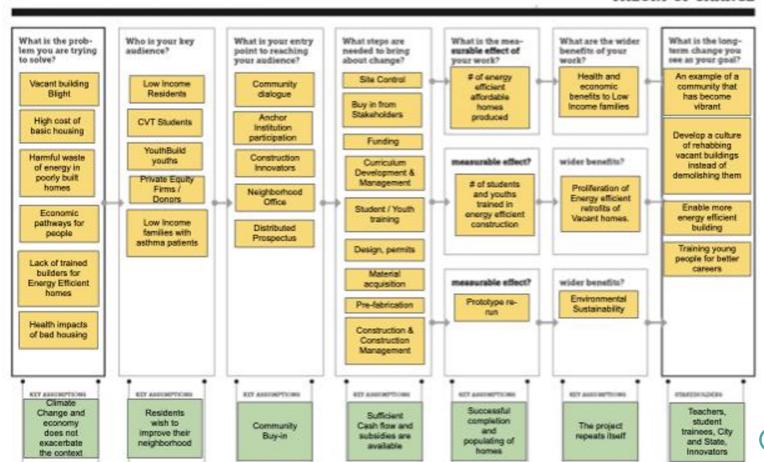
PASSIVE HOUSE: SUSTAINABLE HEALTHY & NET ZERO



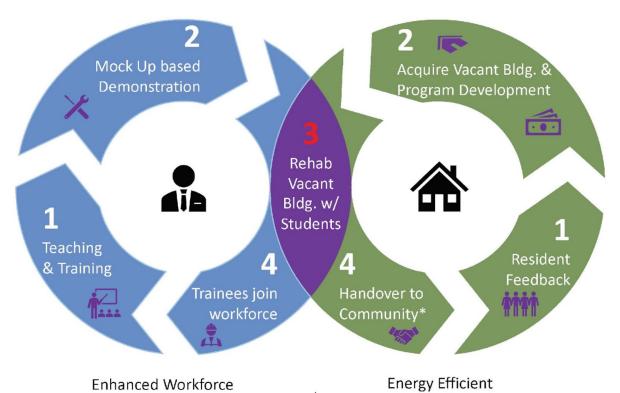
If vacant row houses can be used as learning tools and community catalysts, they can be transformed into vibrant homes and inspire other positive change.



THEORY OF CHANGE



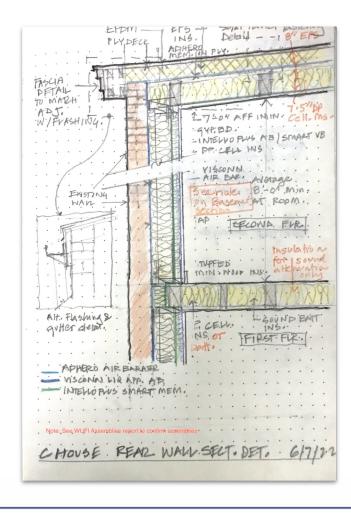
PROJECT STRATEGIES





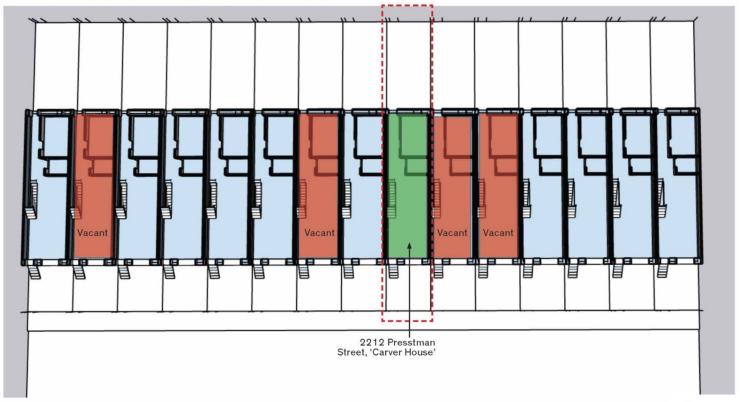


2. FRAMING THE TECHNICAL CHALLENGE



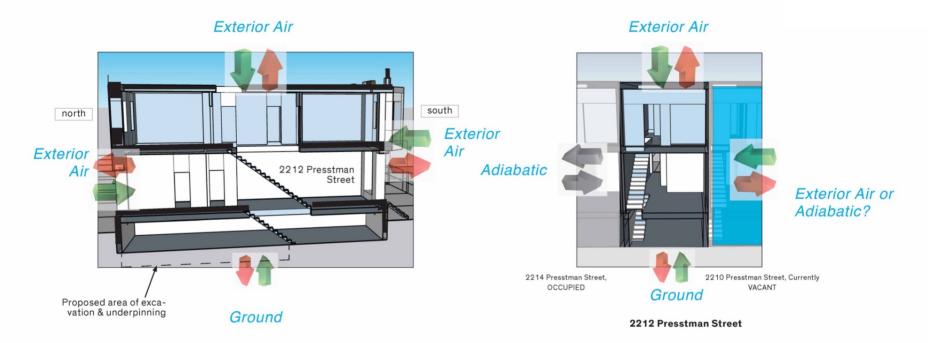










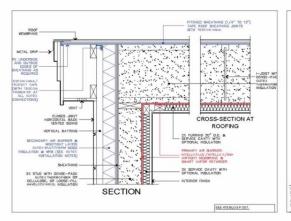


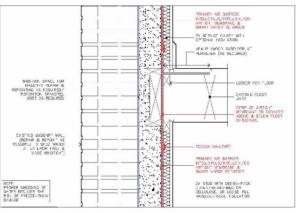
N-S Section

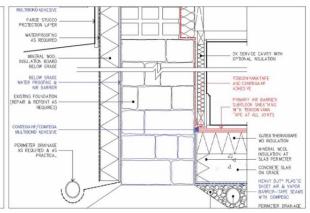
E-W Section









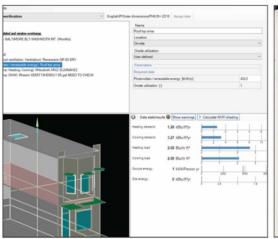


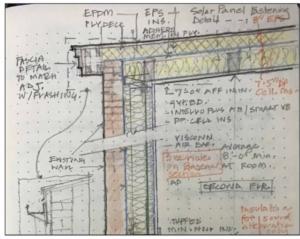
Source information

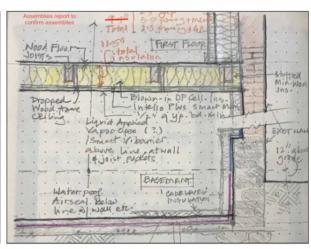
475 masonry retrofit ebook









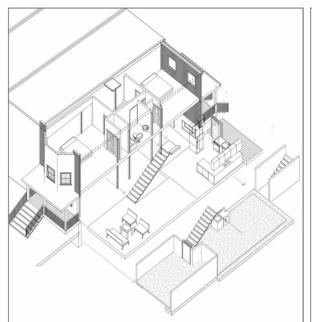


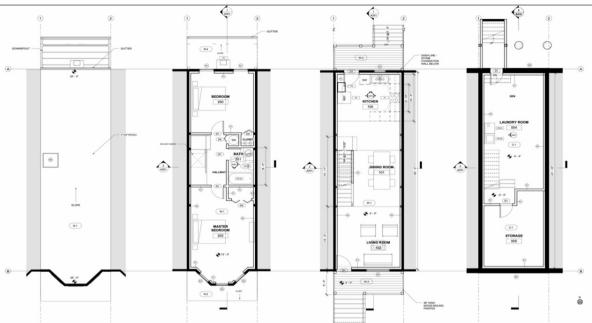
WUFI & Sketches

Timmy Aziz, CPHC







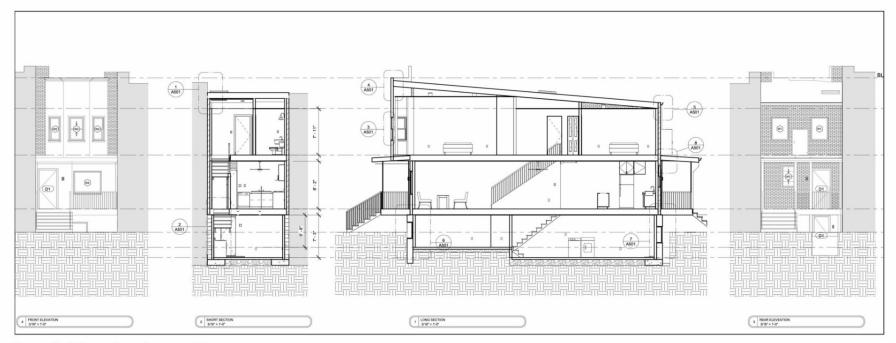


Permit / Construction set in progress

Jason Neal Design Arch / FSI Eng. MEP / Skarda SE







Permit / Construction set in progress

Jason Neal Design Arch / FSI Eng. MEP / Skarda SE





3. INVESTING IN THE CARVER HOUSE

Development costs

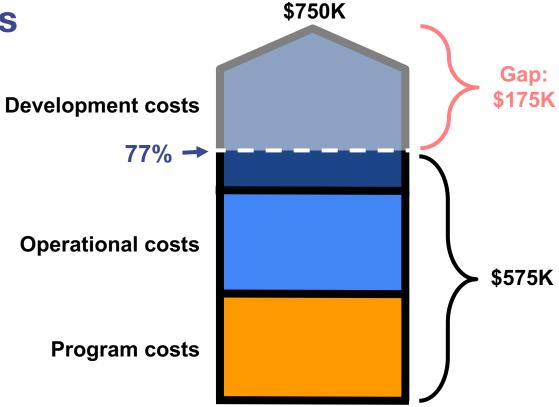
40% **Operational costs** 30% 30%

Total project (18m) investment: \$750,000

Program costs



Funding Status





Funding Challenge \$300K \$170K Development costs

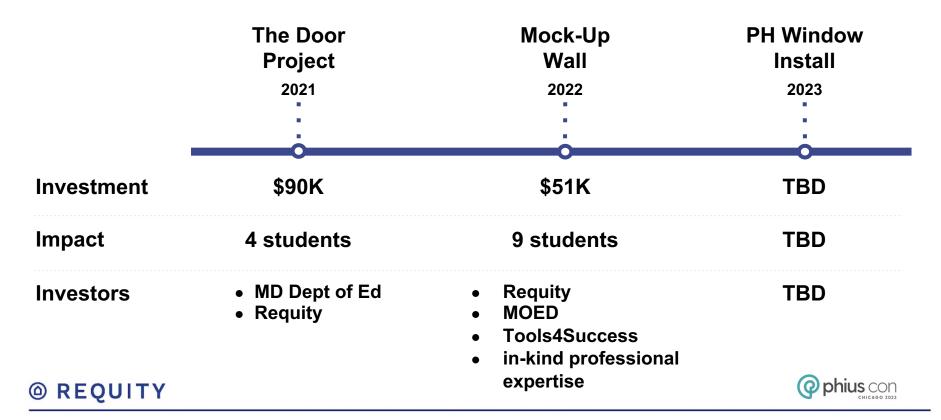


Funding Sources





Investing Examples





Strategic partnerships MD DHCD | BCPS | Carver





United Way of Central MD – Neighborhood Revitalization \$10k grant award



Ajaughn Vidal, Carver Senior Lukeworks, Baltimore







Designing & developing sustainable building products (i.e., door, insulation)



Building a Passive House Wall Assembly Mockup for use at Carver House





The Door Project 2021



