



Spring City, PA

DEVELOPER | Mission First Housing Group

ARCHITECT | Architectural Concepts

CONTRACTOR | Caldwell, Heckles & Egan Construction

HVAC ENGINEER | Barry Dicker, Decent Energy, Inc

CPHC | Tim McDonald

BUILDING ENVELOPE | Build SMART

A Community for Heroes

Whitehall is one of the first affordable multifamily Passive House projects to receive low-income housing tax credits through the Pennsylvania Housing Finance Agency, which in 2015 began to provide Passive House incentives as part of its process. This three-story project will provide 49 units of comfortable, safe and sustainable housing for U.S. veterans. In addition to saving on their energy bills, occupants of 35 of the units will also qualify for a rent subsidy possible through the U.S. Department of Housing and Urban Development, and the U.S. Department of Veterans Affairs.

“The shell was two to three times faster to erect than conventional structures. The savings in labor costs is the biggest thing...it’s obviously a lot quicker to do the panelized walls and a lot more energy-efficient.”

- Joel Wunderlich, Passive House-certified builder and project superintendent

BUILD BETTER. BUILD FASTER. BUILD SMART.

AWARDS | 2018 Award of Excellence in Design

PERFORMANCE TARGET | Passive House

COST/SF | \$153

SIZE | 49 units, 52,781 square feet

COMPLETION DATE | March 2017

CERTIFICATIONS | Passive House U.S. PHIUS+2015

AIR TIGHTNESS | 0.42ACH₅₀

EXTERIOR WALLS | E-Wall, 2x6 stud, Dense-packed cellulose, 3.5" EPS

WINDOWS AND DOORS | Klearwall

VENTILATION | Ultimate Aire 200DX

HEATING AND COOLING | Air Source Heat Pumps

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