Passive House Affordable Housing

A Collaboration between UMA Architecture, Maine State Housing Authority, and the Augusta Housing Authority
UMA Architecture

ARCHITECTURE through ENGAGEMENT

UMA’s Bachelor of Architecture (B.Arch.) program offers the only professional architecture degree in Maine and the only public 5-year professional degree in northern New England.

Our mission expresses who we are: SMALL… INTEGRATED… HANDS-ON.
Community Collaboration

SMALL… INTEGRATED… HANDS-ON

35+ projects over the past 8 years
Passive House
Affordable Housing

The Partners
Maine State Housing
& Augusta Housing Authorities

Mark Wiesendanger, MSHA
Don McGilvery, MSHA
Clyde Barr, MSHA
Michael Baran, MSHA
Amanda Olson, AHA
SITE: Gage Street

Maine State Housing & Augusta Housing Authorities
Maine State Housing & Augusta Housing Authorities

SITE: Willow Street
UMA.ARC Students

Andrew Treworgy
Arturo Lizano-Ulloa
Ben Hitchcock
KC Breed
Keegan Smith
Matt Holland
Noah Jacques
Ryan Chapman
Sam Gerken
Thomas Stinson
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UMA ARCHITECTURE
UMA.ARC Students

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Sam Gerken
Thomas Stinson
Passive House Design & Analysis

Ryan Kanteres
Scott Simons Architects
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Ryan Kanteres
Scott Simons Architects
Timeline

May 2018
MSHA approaches UMA.ARC

January 2019
Augusta Housing Authority joins the project

January 2019
Kick-off meeting

November 2018
Coordination & Planning

March 2019
First Presentation

November 2015
Translate written text from English or German to Arabic with the click of a camera
Passive House Affordable Housing

The Results
Roberta Trafton

Community on the Kennebec

Straw bale construction & building senior community
Andrew Treworgy

The Woven Environment

Panelized Assembly & weaving community
Matt Holland
Blending Community
Modular construction & on-site passive house construction
Keegan Smith
Hodgkins Homes

Structural Insulated Panel Construction
Noah Jacques

Outdoor Ownership

Personal outdoor green space for all
Sam Gerken

Communicating with those in Need

Empowering an Individual’s Humanity
What people are saying

Having worked in affordable housing for well over a decade, it was refreshing to see so much engagement, innovation, and passion.

Amanda Olson, AHA

The students were very thoughtful and you could tell that they truly care about this project.

Mark Wiesendanger, MSHA

Our community partners gave their time and input generously. It was an amazing learning experience for these future architects.

Eric Stark, UMA.ARC
Passive House
Affordable Housing

THANK YOU!