

## **Project #2 - Classic**



# **Habitat for Humanity Mid-Ohio Valley**

## Habitat for Humanity - Mid-Ohio Valley



### Participant Information:

ACME Panel Company  
April DeMotts  
1905 West Main Street  
Radford, VA 24141  
540-267-9988  
april@taylor-hollow.com  
acmepanel.com

Category: Affordable Housing

### Project Information:

Habitat for Humanity - Mid-Ohio Valley  
Multiple addresses  
Parkersburg, WV 26102

Date completed: 2 completed in December 2021, one nearing completion

### Dimensions:

28'x48' - all one story. Generally slab on grade construction unless a site requires a crawl space due to topography. All projects have the same or very similar floorplans and dimensions.

### Asking price (Affordable Housing only):

Purchase price is dependent on "sweat equity" hours and homeowner's annual income - it varies

Total sq.ft.: 1,269 square feet

### Built by:

Habitat for Humanity Mid-Ohio Valley  
Alvin Phillips  
PO Box 462  
Parkersburg, WV 26102  
304-422-7907

Panels Manufactured by: ACME Panel Company.



## Habitat for Humanity - Mid-Ohio Valley



### Designed by:

Habitat for Humanity Mid-Ohio Valley  
Alvin Phillips  
PO Box 462  
Parkersburg, WV 26102  
304-422-7907

### Building use:

Habitat for Humanity of the Mid-Ohio Valley works towards the elimination of inadequate housing in Wood County, West Virginia and Washington County, Ohio. To that end, they identify qualified home buyers and, through a combination of education, attractive mortgage terms, and "sweat-equity" (hours spent building homes), provide housing that suits family needs and income.

### SIP benefits for this job:

Because of the unique model of Habitat for Humanity, SIP construction makes sense. They rely on volunteer labor, standardized floorplans, long-standing relationships with vendors, and predictable jobsites to help streamline costs and continue to build affordable homes for families with low to moderate incomes. ACME Panel Company has worked with Habitat for Humanity Mid-Ohio Valley since they built house #58 and they have completed 109 houses to date. Completed in 2021 were houses 108 and 110 (pictures attached), house 109 is nearing completion at the time of this application.

SIP wall thickness: 6 1/2" thickness with EPS Foam Core

SIP roof thickness: na

### Comments on labor saving, construction time, construction costs and energy savings:

SIPs saved time, labor, and construction costs because of their long standing practice of using the same floorplan for homes (modified in cases where ADA design/accessibility is required for family members) and their familiarity with panels. Because of their inherently higher R-Values when compared to standard stick-framing, SIPs will save energy and contribute to the lifetime affordability of the homes for the families that purchase them.

### Innovative design elements:

While it is not innovative to continuously build the same house, the methodology is innovative in that it increases the overall affordability of every house that Habitat for Humanity Mid-Ohio Valley constructs. This practice allows them to complete more houses each year and moves them closer to achieving their stated mission of eliminating inadequate housing in the region that they serve. We have been a proud partner with them since house #58 in 2011 and donated the panels for house #100 to join them in celebration of their work to create pathways for low to moderate income individuals and families to have safe, affordable, comfortable homes.

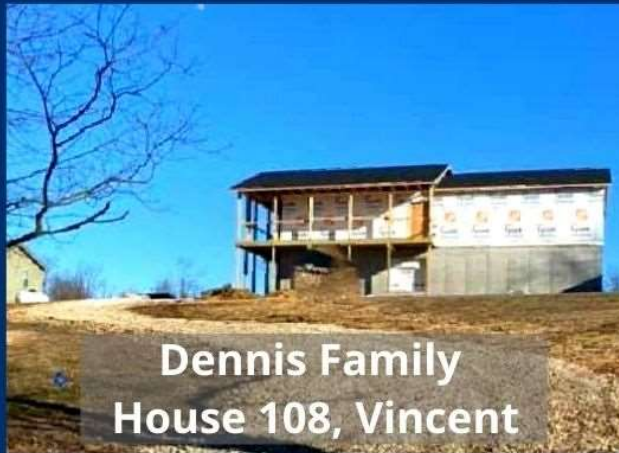
### HVAC:

Heat pump with an ERV sized according to square footage of the structure

## Habitat for Humanity - Mid-Ohio Valley



Three homes in different phases of construction currently under way. Thank you to our dedicated volunteers, donors and future homeowners for all the hard work so far this winter. Keep up the great work!





## Habitat for Humanity - Mid-Ohio Valley

