

Project #56 – Classic



Martin Hunting Camp Cabin

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Participant Information:

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

Category: Single Family Homes under 900 sq. ft. "Small House"

Project Information:

Martin Hunting Camp Cabin
Bruce Mines
Dunn's Valley, Ontario, Canada

Date completed: Summer 2021

Dimensions: 24'x40'

Total sq. ft.: 900 sq ft

Built by:

Dean Martin (self built by client)
Bruce Mines
Dunn's Valley, Ontario, Canada

Panels Manufactured by: ACME Panel Company

Designed by:

ACME Panel Company
1905 West Main Street
Radford, VA 24141
540-267-9988

Building use:

End use is an off-grid hunting camp

How did SIP construction help you get this job?

Client desired a tight, energy efficient building envelope that would make off-grid camping during hunting season more comfortable and convenient. SIPs were installed on a timberframe structure. This building method allowed the client to complete the work himself.

SIP wall thickness: 4 5/8" thick with EPS Core

SIP roof thickness: 8 1/4" thick with EPS Core

Describe the benefits of using SIPs on this project:

The ease of installation of SIPs on a timberframe allowed the client to self-build. Because the finished project is completely off-grid, SIP construction offers an energy efficient and tight building envelope that maximizes the solar power generated by roof panels as well as the heat generated by the wood stove.

Innovative design elements:

Off-grid project

HVAC System:

Wood stove for heating, no air conditioning

Solar panels installed:

Unknown size of solar array

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