Building Excellence Awards

Piercey ADU

Project Name:	Piercey ADU
Category:	Single Family 'Small House' under 900 sq. ft.
High Performance:	No
Manufacturer:	
Submitted By:	Greg Koepf

Project

1939 Jefferson Avenue Redwood City, CA 94062 United States

Builder

Green Galaxy Builders Michael McCarthy 2398 Walsh Avenue Santa Clara, CA 95051 United States

Phone: 408-747-9420

Design Professional

Design Professional

Green Galaxy Builders Michael McCarthy 2398 Walsh Avenue Santa Clara, CA United States

Phone: 408-747-9420

Building End Use:

Accessory Dwelling Unit (ADU)

Describe the end use of the building:

Client and Green Galaxy Builders asked SIPs to be incorporated in the design and construction of this project.

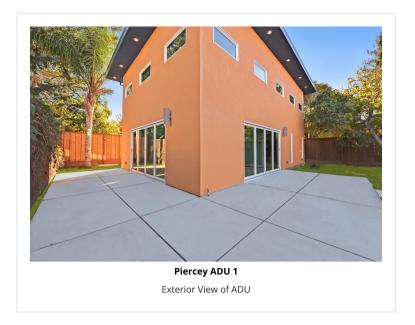
SIP wall thickness and core material:

6" SIP Walls with EPS core

SIP roof thickness and core material:

10" SIP Roof Panels with EPS core

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?
Utilizing SIPs on this project enabled a quicker permit because of exceeding the requirements of Cal Green and Title 24. Because the ADU was
located in the back yard SIPs expedited the logistics of placement of the panels. All SIPs on this project were completed in 2-days.
Describe any innerestive design elements or structural engineering involved.
Describe any innovative design elements or structural engineering involved: The height of this ADU ellowed for a left for prother hedge are
The height of this ADU allowed for a loft for another bedroom.
Certifications & Specifications
Certifications:
HERS Index:
N/A
Blower door test results (ACH50):
N/A
Energy use intensity in kBtu/ft2:
Describe the HVAC system used on the project:
HVAC was downgraded by 65%
Other Energy-saving Materials:
All windows exceeded Cal Green requirements.
Energy-efficient products or design features:
Solar panels installed:
5KW solar panels were installed on the roof
Sustainable materials or design features:
Additional comments:
Builder, homeowner, occupant testimonial:
Files Q Disates
Files & Photos





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