

Participant information

Premier Building Systems
James Hodgson
18504 Canyon Road East
Puyallup, WA 98375
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Category

Single Family 'Small House' (under 900 sq. ft.)

Project information

Fleming / Bieri Studio
Undisclosed
Seattle, WA 98101

Date Completed:

October 2019

Dimensions of building (all floors of multi-story building):

32'-6 x 10'-6 x 14' OAH

Total sq. ft. of conditioned space:

450 including loft.

Built By (if different than applicant)

Advanced Build Northwest
Curt
18504 Canyon Road East
Tacoma, WA 98375

Panels Manufactured By: Company Name (members only):

Premier Building Systems

Designed By (if different than applicant - SIPA will only recognize members)

John Flemming Architect/Artist
Premier SIPs
18504 Canyon Road East
Puyallup, WA 98375

Describe the end use of the building:

Working Art Studio & Guest House

How did SIP construction help you get this job?

Speed of construction & high-performance requirements.

SIP wall thickness and core material:

5.5" EPS core walls, 3.5" EPS core custom site-built sliding door

SIP roof thickness and core material:

9.5" EPS core roof

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?

Speed of construction & high performance requirements.

Describe any innovative design elements or structural engineering involved:

Large open interior space.

Please list any certifications the project received, such as ENERGY STAR, LEED, National Green Building Standard, WELL, Passive House, Green Globes or local green building programs. Only list certifications that are completed:

Washington Built Green

Describe the HVAC system used on the project:

Mitsubishi heating/cooling Minisplit, exterior heat pump and WarmlyYours radiant electric heating cable system cast in 4" slab over 2" rigid insulation.

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar (judged only for High Performance Category):

LED Lighting, Mini-Split HVAC Unit

Were any solar panels installed on the project? If so, indicate the size of the system (judged only for High Performance Category):

Future panel array planned

Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc. (judged only for High Performance Category):

Sliding door is built from 6" thick SIP, clad with Hardie panel. Upper walls clad with Hardie. Cork flooring at stair and loft. Fijian mahogany trim and stair risers. Birch ply cabinets and stair wall. Marmoleum "red" kitchen counter LED lighting throughout Red exterior light salvaged from BNSF railroad signal crossing. Milgard windows Masonite / pegboard ceiling, Exposed SIPs at East interior wall.