



Utilized panels
for the floor,
walls, and roof
of this house



Goldwire Heights



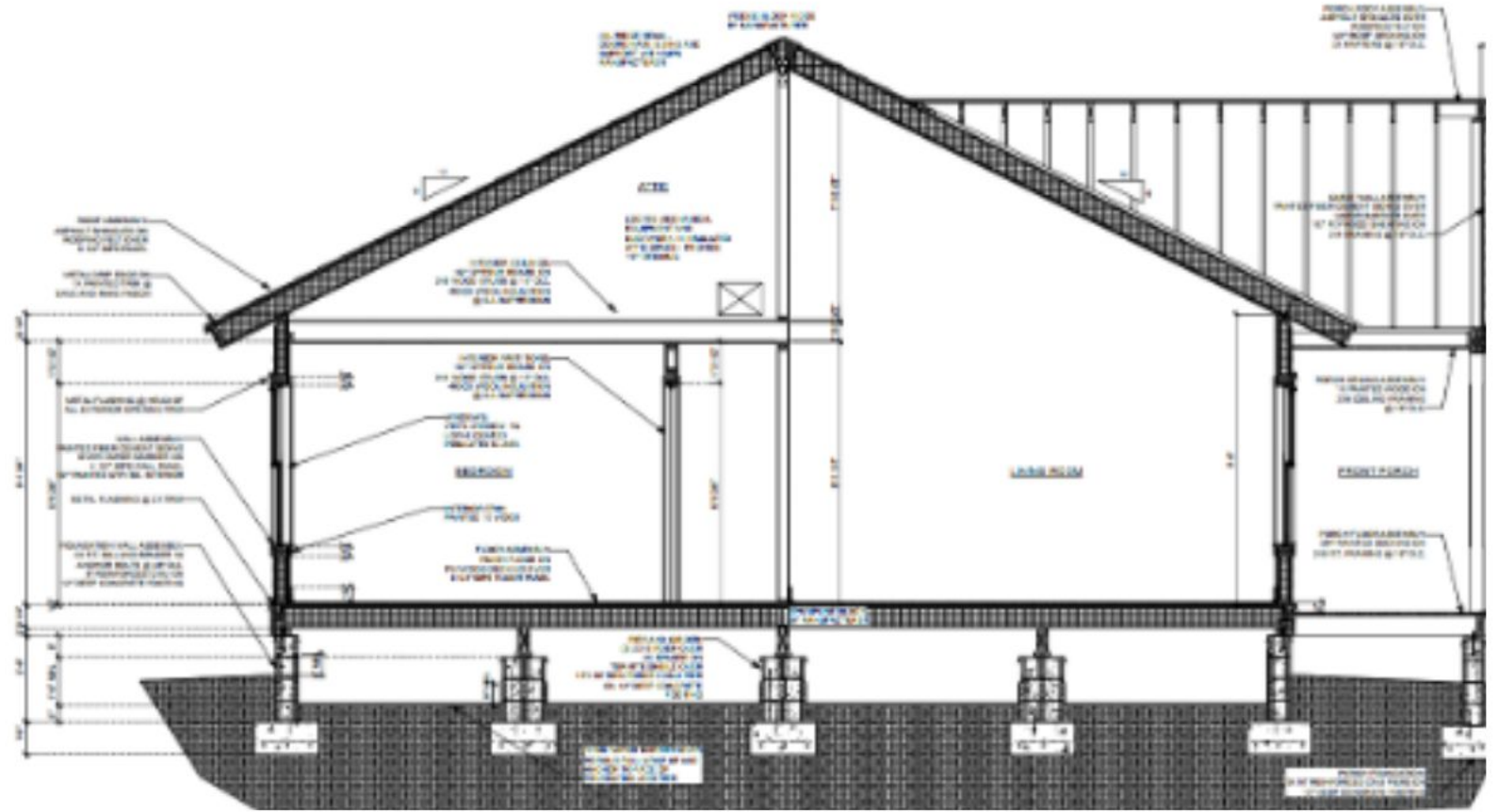
The attic was utilized for HVAC and storage purposes.



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The attic space, typically hot, is now being used for HVAC and storage purposes.



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Vaulted ceilings.

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Flat ceilings were installed to create a conditioned attic space.



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How do the numbers work?

- SIP house requires **80% less framing labor** compared to a stick-framed house.
- SIP construction generates **zero on-site waste**.
- SIP-framed house achieves a **HERS score of 54**, while a stick-framed house scores 80+.
- SIP framing allows for **windows and doors to be installed in just 2 days**, while conventional stick framing takes over 30 days.
- SIP construction can potentially **save \$103.80 per month on energy costs** with a 30-year mortgage, assuming energy costs remain constant, providing extra funds for other bills.



Structural Insulated
Panel Association

Project: Goldwire

SIPs Savings/Value vs. Conventional Framing

The following details outline the potential cost savings using SIPs

Total SIPs Saving + Value Over
Conventional Framing: \$ 55,662

Details: Total Cost Comparison \$ -16,438

Total Costs with Traditional Framing	\$ 95,120
Total Cost Using SIPs	\$ 111,558
Total Cost Savings (Framing Cost - SIPS Cost)	\$ -16,438

True Cost



Details: SIPs Improved User Experience \$ 57,900

Stronger/More Dimensionally Accurate Enclosure	\$ 0
Greater Resilience to Fire, Wind, Impact, Pests	\$ 0
High Appraisals to Base Price	\$ 20,520
Reduced Home Insurance Annual Insurance Cost	\$ 0
Additional Square Footage with Thinner Walls	\$ 0
Sq. Ft. of SIP Attic Traded Off for Basement	\$ 0
Additional Conditioned Space with SIP Attic	\$ 0
45L Tax Credit	\$ 0
Utility Rebate	\$ 0
30-year Energy Savings	\$ 37,380
Total Added Value	\$ 57,900

Improved Building



Details: Value of Construction Time Saved vs. Framing

Total Number of Construction Days	Conventional Framing	61.5
	Using SIPs	26.0
Value of Saved Days	\$ 14,200	

Days Saved