

## **SIPs Optimized Design Brainstorming:**

The Premier SIPs sales and marketing team was asked to identify what factors contributed to a SIPs optimized building that would minimize cost. The results with Sam Rashkin additions are as follows:

### **Design Factors to Minimize Cost:**

- Simple Roof
- Plan Accommodates Location of Post and Beams
- Plumbing on Interior Walls
- Window Openings Sized for Standard Insulated Headers
- 2 Ft. Dimensions
- No Basement

### **Design Factors to Optimize Value:**

- Vaulted Ceilings
- Useful Attic Volume:
  - Additional Condition Space
  - Additional Storage
  - HVAC System Location

### **Performance Factors:**

- High-performance Certification (e.g., ENERGY STAR, ZERH, Green, Passive House)
- Enhanced Resilience Important

### **Construction Factors:**

- Compressed Cycle Time
  - Building Site Accessibility
  - Homes Specified for Spray Foam
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