

# Remote Area Greenhouse

**1,500**  
BUILDING  
SQ FT

**0**  
DISPOSAL BINS  
REQUIRED

**3**  
ENVELOPE  
BUILD TIME (DAYS)

**5**  
TECHPANEL  
INSTALL CREW

**50%**  
ESTIMATED  
ENERGY SAVINGS

**1**  
TECHPANEL  
TRANSPORT



Our client in remote British Columbia needed a building solution for an off-the-grid passive solar greenhouse. Given that greenhouses are high heat and high moisture buildings, the materials used to construct it need to resist mold and not be affected by moisture over time. ZS2 TechPanels provided the perfect solution. They are mold and mildew-resistant, making them suitable for the moist environment, and do not give off any toxic gasses or chemicals, creating a safe, clean environment for the plants. Additionally, the greenhouse would be heated using only the power of the sun, so the building envelope needed to be as efficient as possible for cold fall and winter months. The client needed the building to be constructed quickly and with a small crew, given that it was located in a remote area with few workers nearby. The TechPanel build required only 5 crew members for the 1,500 square foot building and took only a few weeks to construct. The client was left with a rapidly constructed greenhouse that is not susceptible to mold and can efficiently hold in the heat needed for the plants to thrive.