

CASE STUDY

CUSTOM SCALE HOUSE BUILDING

FOR INDUSTRIAL OPERATIONS

Designed to replace an outdated adapted trailer with a purpose-built scale house tailored to long-term operations.

CHALLENGE

- Existing trailer not designed for scale house use
- Limited visibility of yard operations
- Difficult to support cameras, scales, & security
- Layout was not optimized for daily operations
- Needed a permanent, purpose-built scale house

SOLUTION

- Custom 8' x 36' modular scale house
- Designed for workflow efficiency and visibility
- Integrated data ports for cameras, scales, & security
- Windows positioned for full yard visibility
- Exterior paint matched exact PMS branded colors



SREAMLINED DELIVERY PROCESS

- 6–8 week factory build
- Stored in Minneapolis yard until the site was ready
- Old trailer replaced in just a few hours
- No extended site shutdown required
- Detailed upfront planning and collaboration

KEY FEATURES

- Purpose-built scale house (not retrofitted)
- Integrated data ports and wiring access
- PMS-matched exterior paint
- Full interior customization:
 - Doors, windows, flooring, wall finishes
 - Countertops, shelving, plan tables
 - Electrical and layout configuration

WHY SATELLITE SHELTERS

Satellite Shelters worked closely with the client throughout the design process to create a scale house tailored to long-term operational needs. Through detailed plan reviews, flexible production scheduling, and efficient installation, the team delivered a permanent solution with minimal disruption to site operations.