

New Beginnings Homeless Transition Village: A Permittable Settlement Pattern

Fayetteville, Arkansas



Fabrication:
volunteer organizations
prefabricate village
components for
transport to site

The diagram shows an aerial view of a temporary village layout. A central area contains several A-frame sleeping units arranged in a grid. To the left, there are various service units including sanitation and provisioning structures, along with trucks and trailers. A long bridge structure extends from the bottom right towards the center. Dashed lines delineate different zones within the site. The background is filled with a dense forest of trees.

Codes:
sanitation, waste, and
provisioning services
provided to meet base
health standards

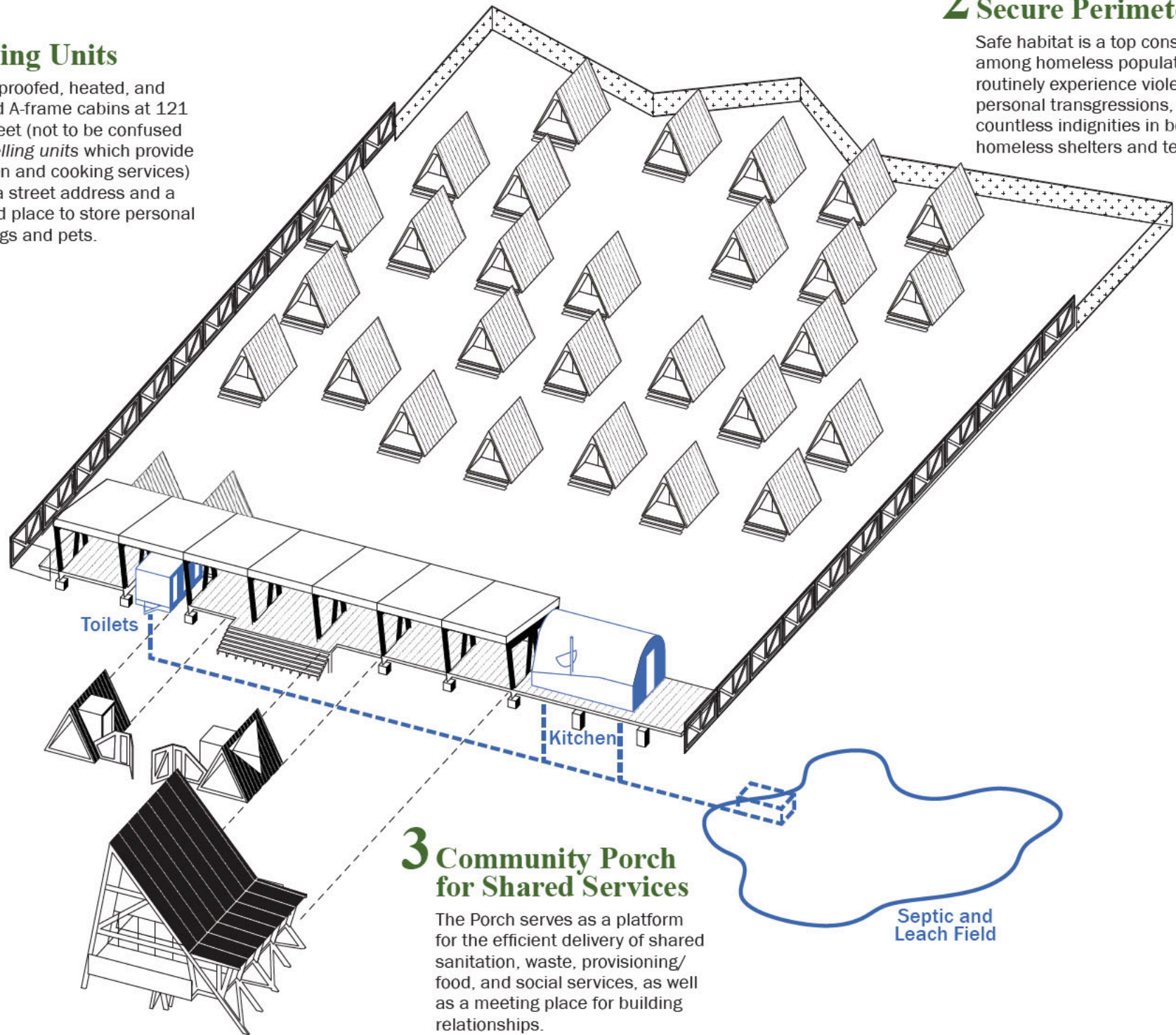
Informal:
A-frame sleeping
units replace tents as
nonprofit organization
applies to secure
conditional building
approval

1 Sleeping Units

Weatherproofed, heated, and insulated A-frame cabins at 121 square feet (not to be confused with *dwelling units* which provide sanitation and cooking services) provide a street address and a protected place to store personal belongings and pets.

2 Secure Perimeter

Safe habitat is a top consideration among homeless populations who routinely experience violence, personal transgressions, and countless indignities in both homeless shelters and tent cities.



3 Community Porch for Shared Services

The Porch serves as a platform for the efficient delivery of shared sanitation, waste, provisioning/food, and social services, as well as a meeting place for building relationships.



Components of a Transition Village Prototype



Commercial awning system
with fabric sun shade over
metal frame

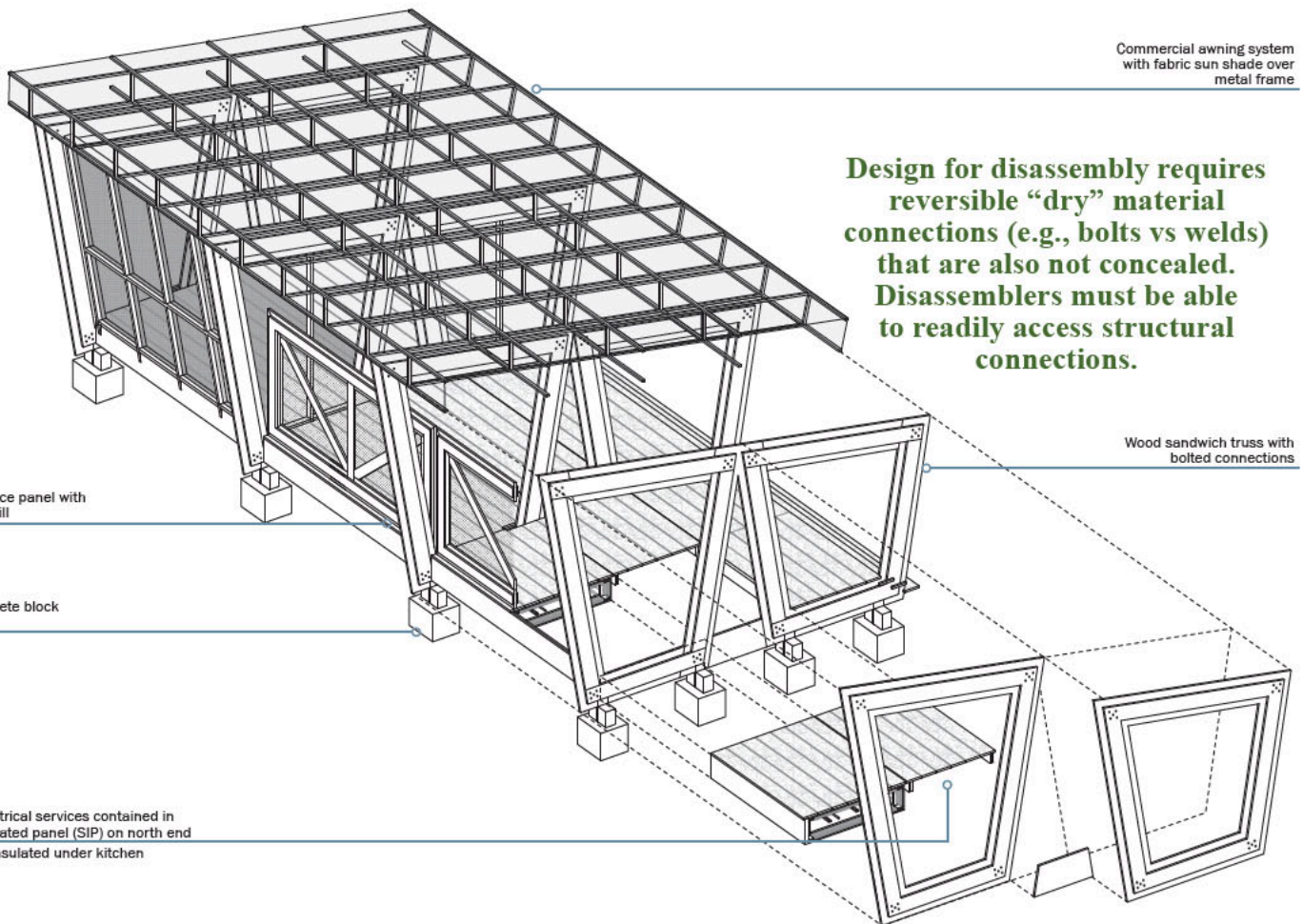
Design for disassembly requires reversible “dry” material connections (e.g., bolts vs welds) that are also not concealed. Disassemblers must be able to readily access structural connections.

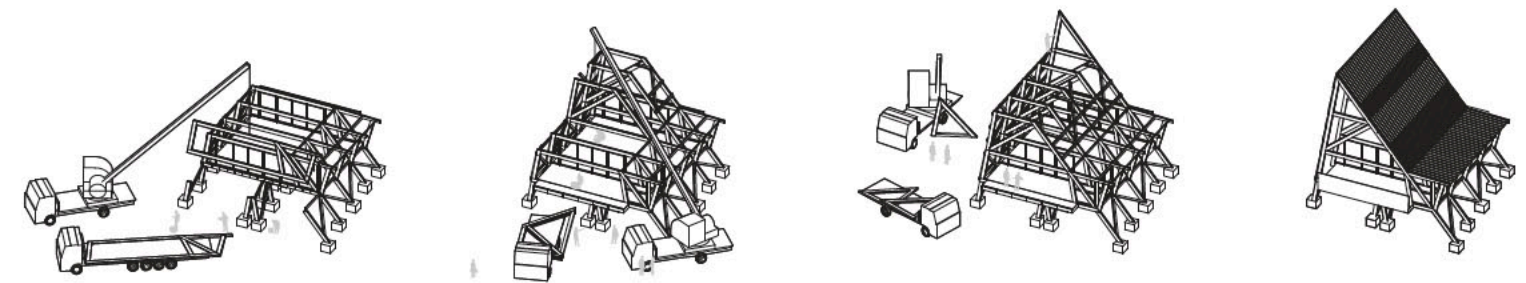
Wood sandwich truss with
bolted connections

Wood truss fence panel with
metal mesh infill

Recycled concrete block
footings

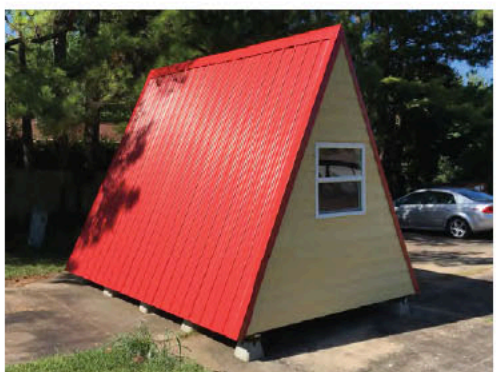
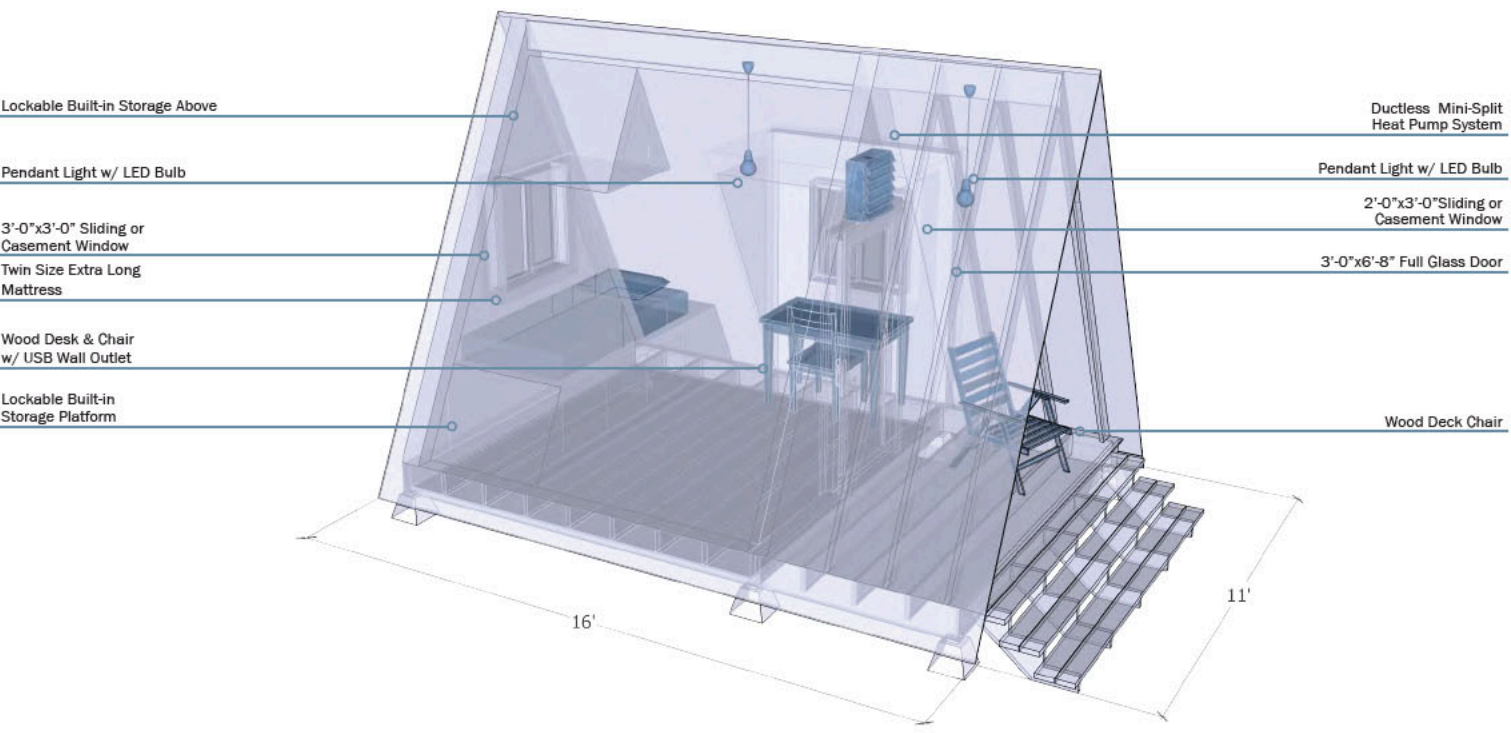
Water and electrical services contained in
structural insulated panel (SIP) on north end
Floor panels, insulated under kitchen





Community Hall: Prefabrication for Transport and Adaptive Reuse
Three sets of trusses are transported, stacked, and clipped together.





Unit Prototype
 Prototype unit built by local eighth grade STEM class.