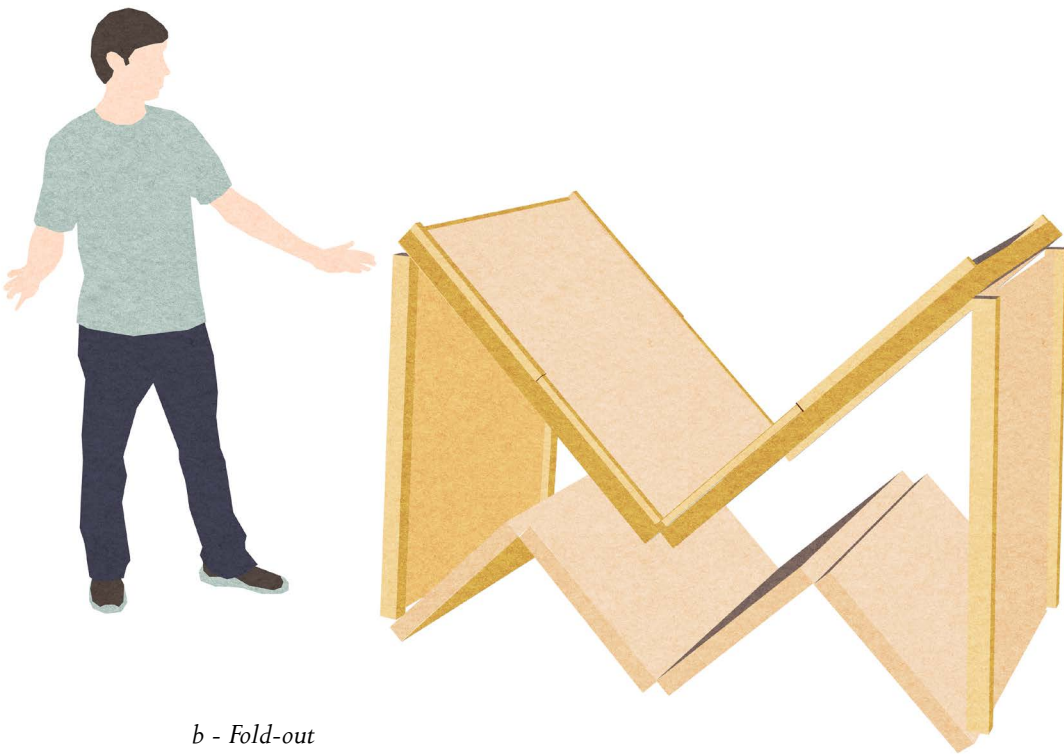


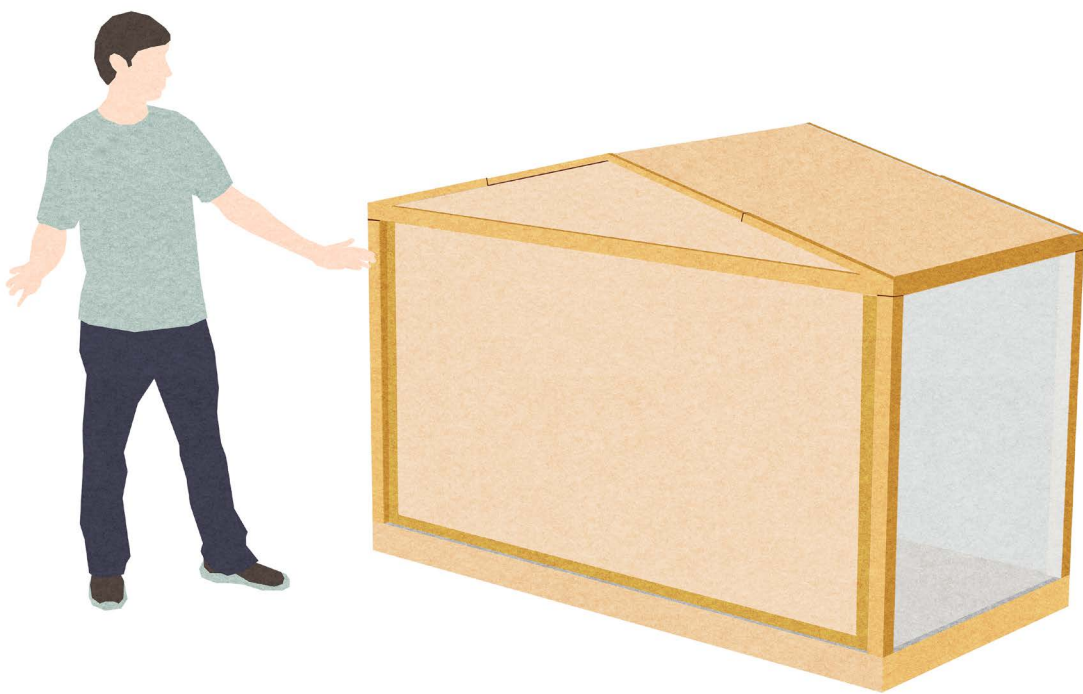
TRANSITION PACK



a - Transition pack
1 x 1 m pack fits onto user's back.



b - Fold-out
Pack is placed on ground and unfolds to create shelter.



c - 1 m height shelter
Unfolded structure can be configured as 1m tall and is used for sleeping.



d - 2 m height shelter
The structure can be configured as 2 m tall by extending the nested pole.

The transition pack provides a wearable enclosure, allowing users to quickly assemble a space of their own.

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This project aims to create a transitional residence, particularly for homeless people, providing them a place in their city. Homeless people do not have a fixed address, and mobility is a central theme of this project. The transition pack is a fold-out structure that is collapsible into a backpack. It has an aluminum structure that is lined with waterproof plastic membrane and insulating fabric. The result is a lightweight pack, that can be easily disassembled and moved to any vacant or underutilized location, such as parking lots, or land awaiting development.



Metro Place d'Armes



Context Plan

We propose a site for these camps located near the Mission Old Brewery (1), one of the largest homeless shelters in Montreal, and Metro Place d'Armes (2), where many homeless people sleep at night. However, the transition pack's mobility allows it to be set up on any under-utilized space in the city. The Mission often reaches full capacity, particularly in extreme cold weather. These packable homes provide space to those who the Mission cannot accommodate, as well as those who wish to retain their autonomy.



Bird's eye view of proposed camp



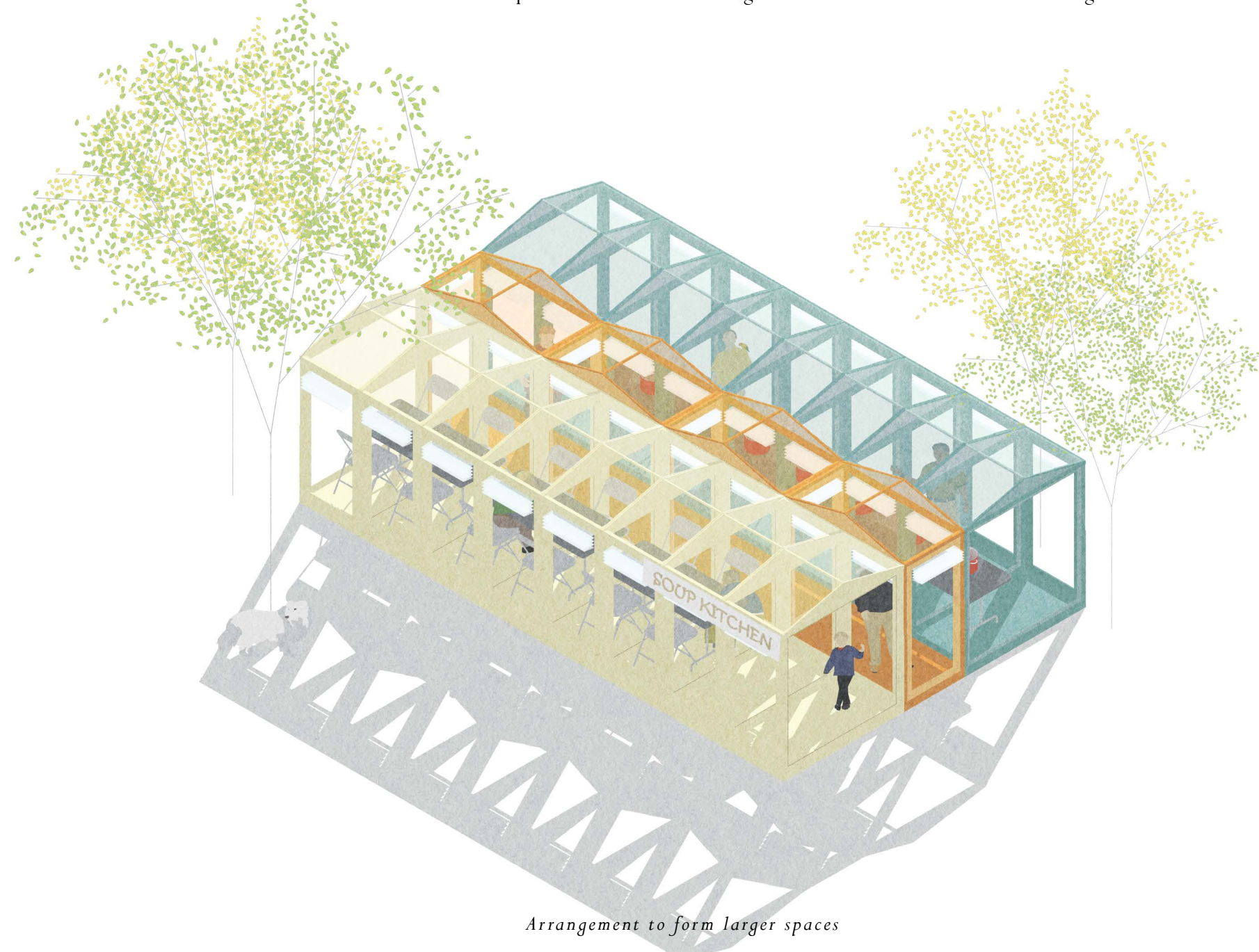
Winter Sleeping Arrangement

Thermal gradient is compressed for increased thermal comfort, walls are shared to reduce exterior surface exposure. Pods are arranged around fire for radiant heating.



Summer Sleeping Arrangement

Thermal gradient is extended to keep sleeping area cool, walls are shared to reduce exterior surface exposure. Operable plastic windows allow for convective cooling.



Arrangement to form larger spaces

Interior partitions zipped off to form larger spaces. This allows pods to accommodate a variety of uses.



Mixed-use

Pods can combine to form different typologies, which can be mixed in various ways to create architecture that adapts to the needs of users..