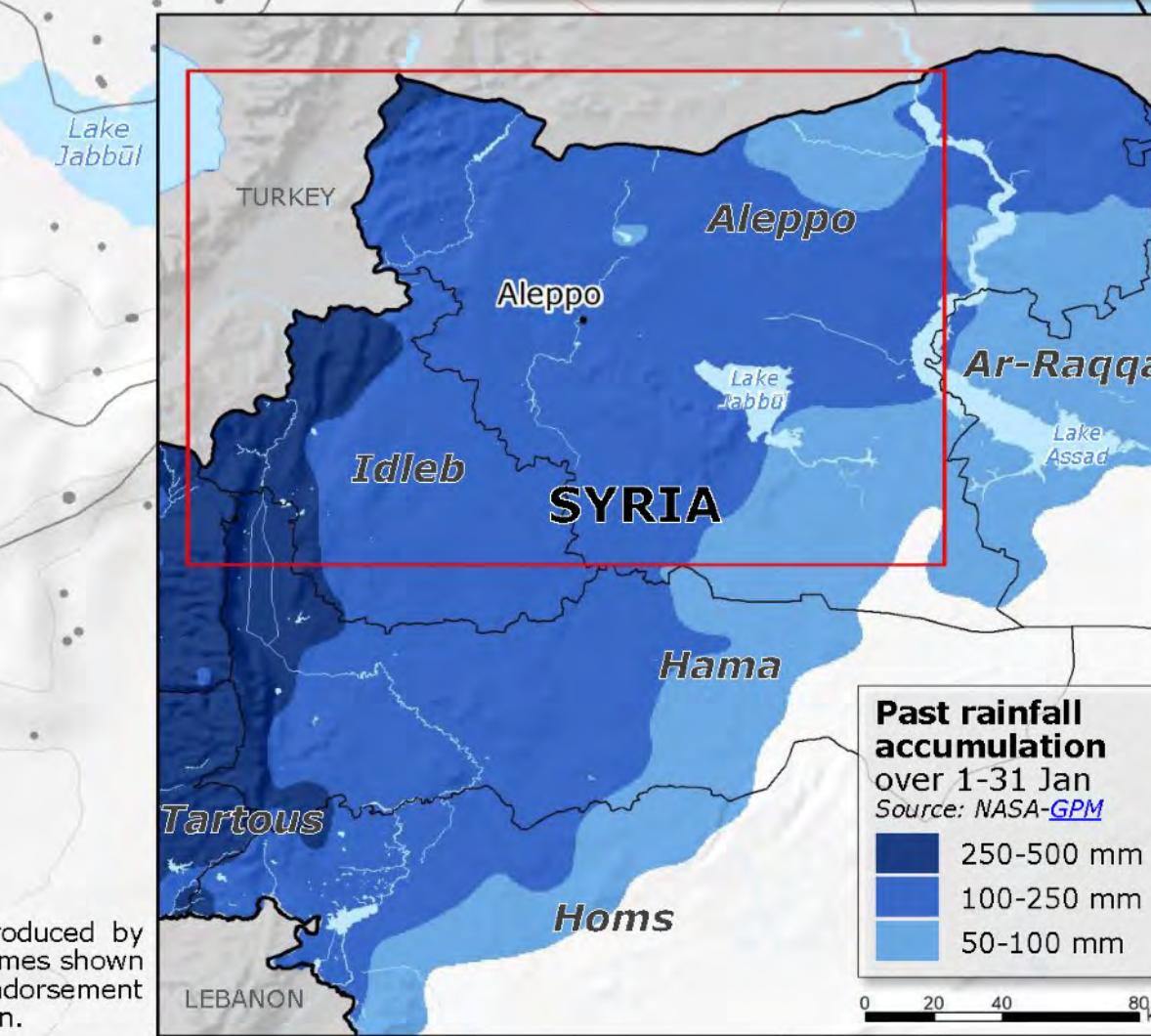
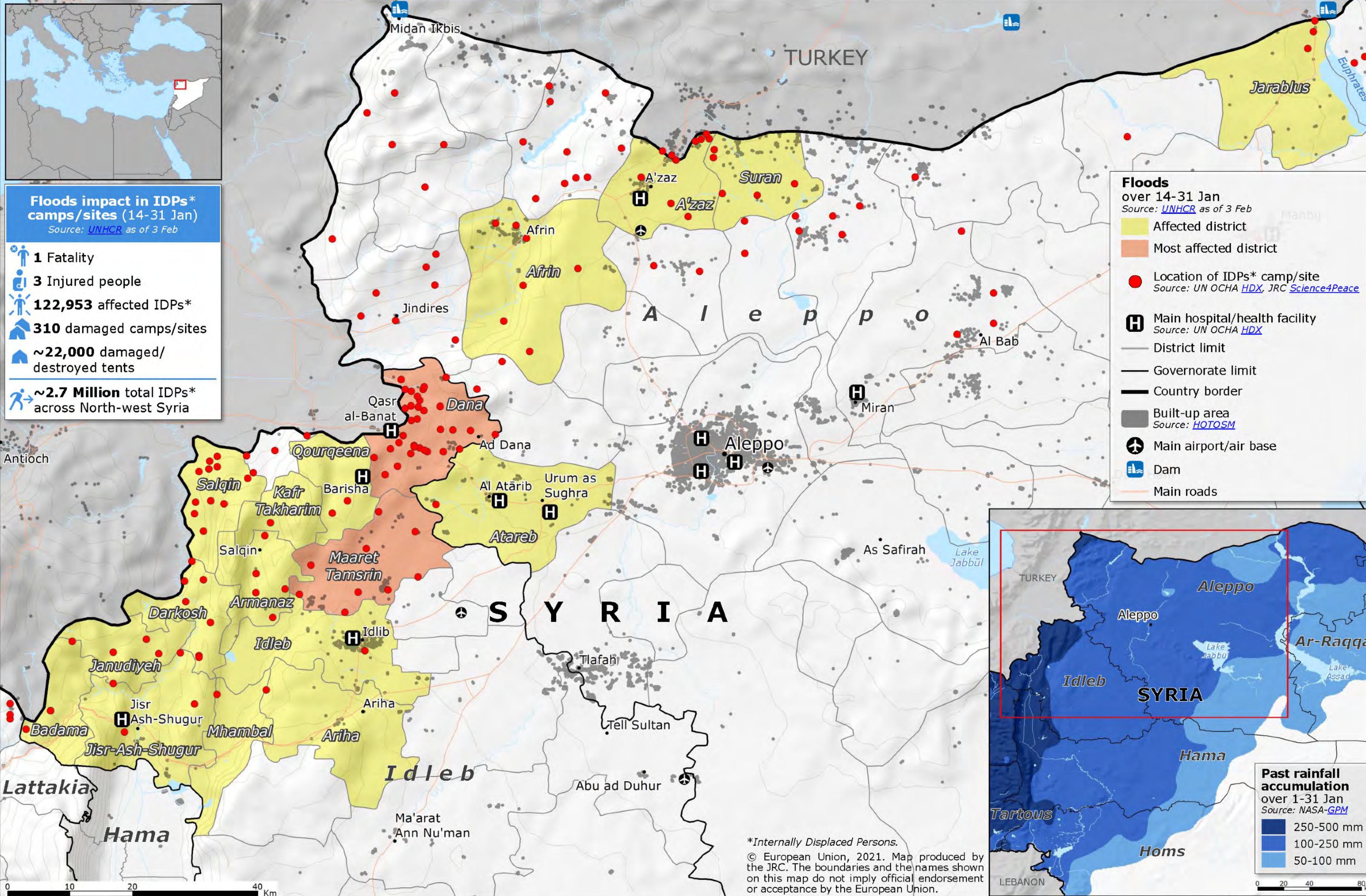


rethinking shelter

in the context of Northwest Syria -and beyond-

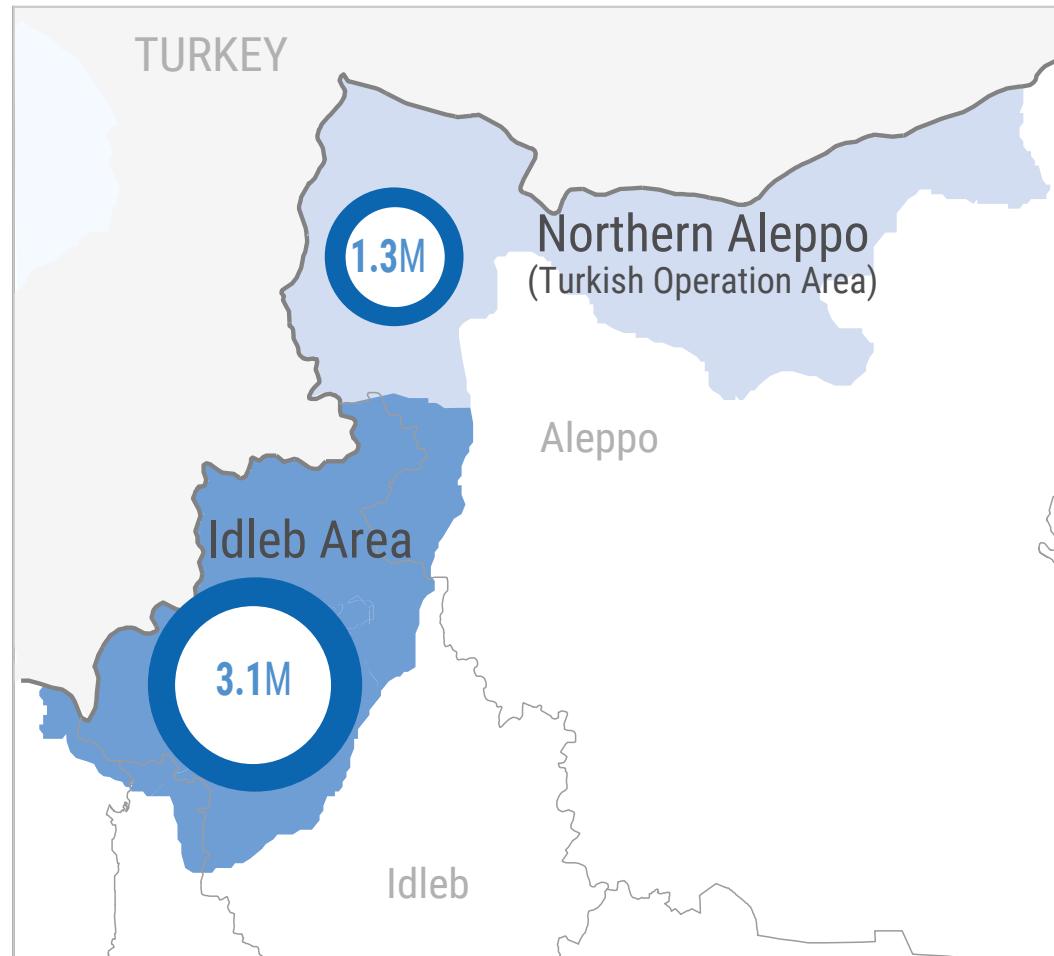
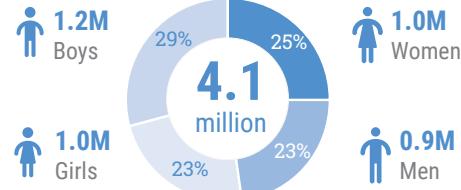
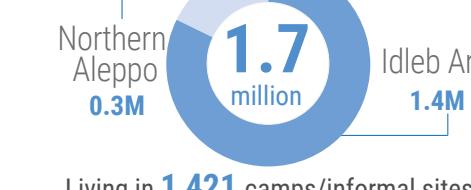
cristina dávila gonzález – pongpol punjawaytegul – ciying wang
NFF 2022 shelters workshop



humanitarian response landscape in northwest syria

defying temporalities and scales of intervention

POPULATION OVERVIEW IN NORTHWEST SYRIA (NWS)

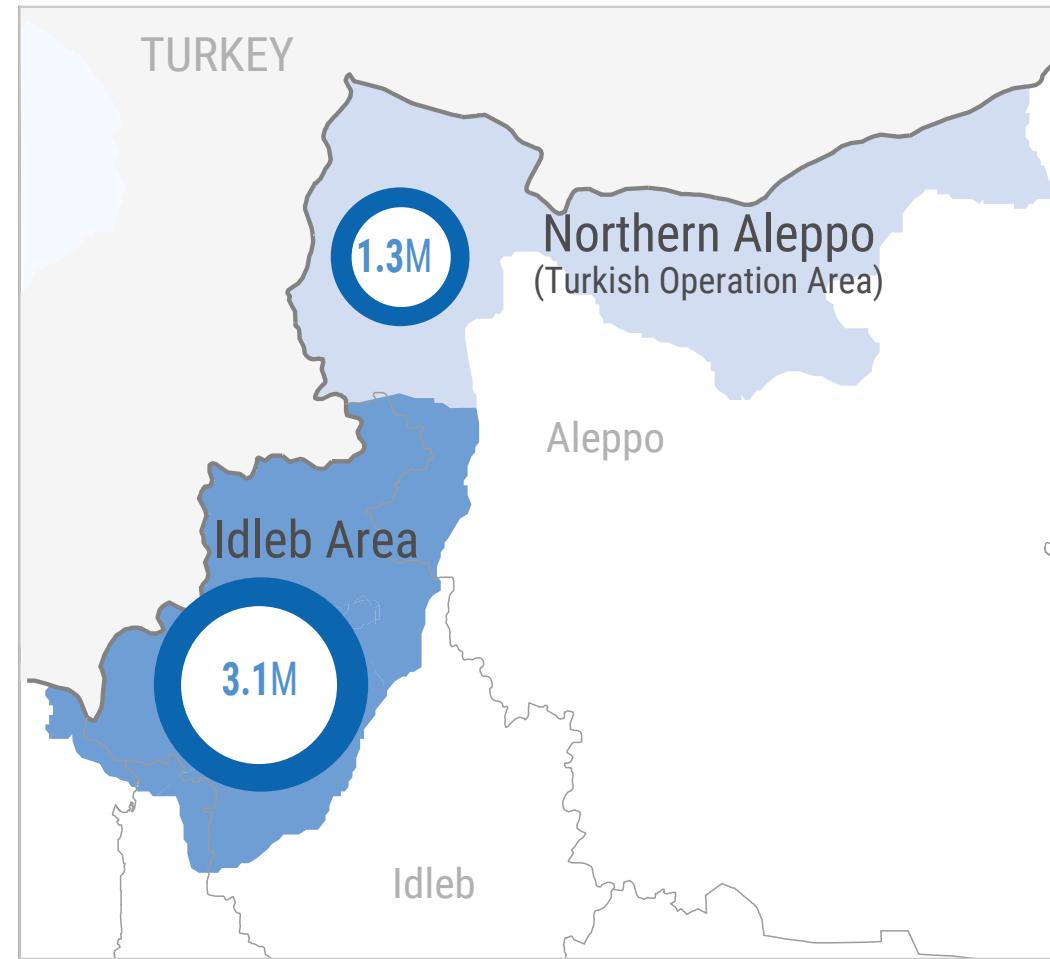
 **4.4M¹** Total population INTERNALLY DISPLACED PEOPLE (IDPs)¹2022 PEOPLE IN NEED (PIN)² IDPs LIVING IN CAMPS/INFORMAL SITES³Living in 1,421 camps/informal sites
80% women and childrenRAS AL AIN AND TELL ABIAD AREA¹ **156,200** Total population **24,900** Total IDPs **129,803** 2022 People in Need (PIN)²

humanitarian response landscape in northwest syria

defying temporalities and scales of intervention

POPULATION OVERVIEW IN NORTHWEST SYRIA (NWS)

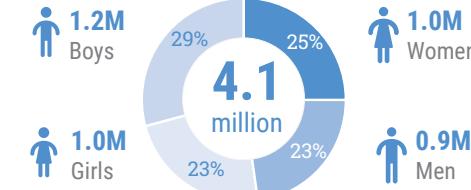
4.4M¹ Total population



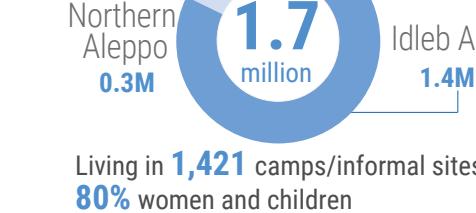
INTERNALLY DISPLACED PEOPLE (IDPs)¹



2022 PEOPLE IN NEED (PIN)²



IDPs LIVING IN CAMPS/INFORMAL SITES³



Living in 1,421 camps/informal sites
80% women and children

RAS AL AIN AND TELL ABIAD AREA¹

156,200 Total population

24,900 Total IDPs

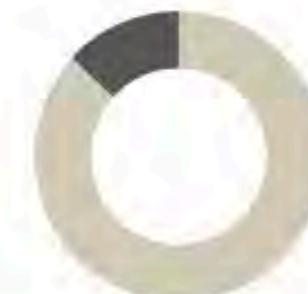
129,803 2022 People in Need (PIN)²



Most commonly reported first, second, and third and overall priority needs for IDPs (by % of assessed communities)^{2,3}

	FIRST	SECOND	THIRD	OVERALL
1	Shelter	Winterisation	Livelihoods	Winterisation 56%
2	Food	Food	NFIs	Food 54%
3	Healthcare	Livelihoods	Shelter	Shelter 53%

% of assessed communities where some of the IDP households were able to access humanitarian assistance



Yes: 87%
No: 13%

% of assessed communities where KIs reported the presence of the following types of assistance for IDPs⁴

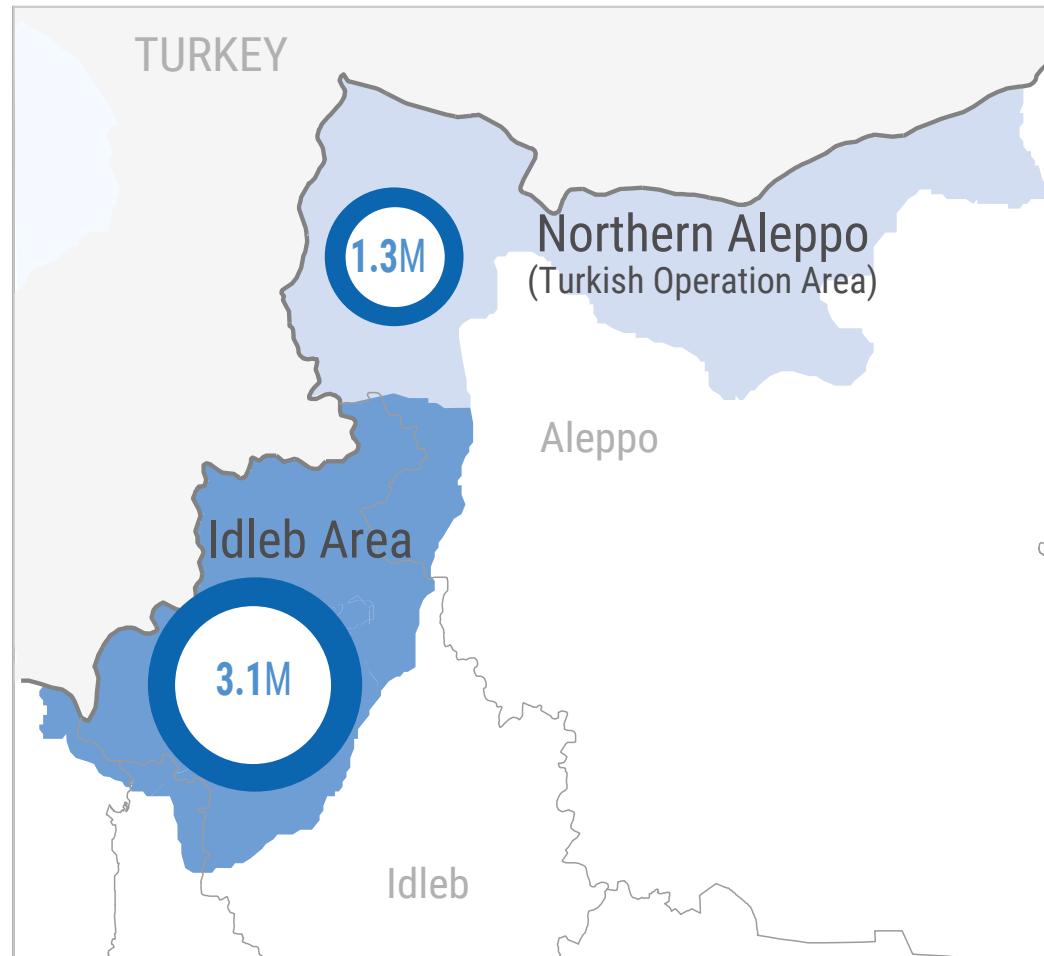


humanitarian response landscape in northwest syria

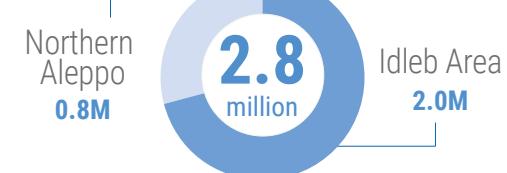
defying temporalities and scales of intervention

POPULATION OVERVIEW IN NORTHWEST SYRIA (NWS)

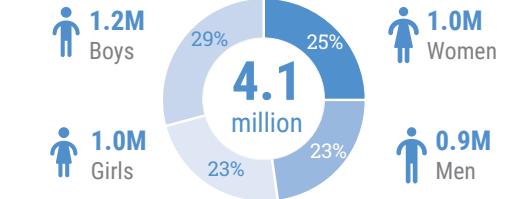
4.4M¹ Total population



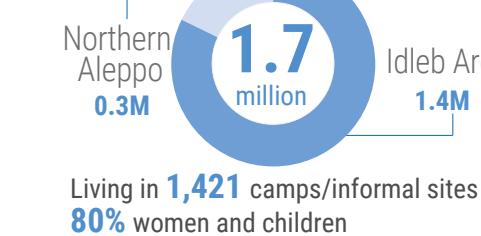
INTERNALLY DISPLACED PEOPLE (IDPs)¹



2022 PEOPLE IN NEED (PIN)²



IDPs LIVING IN CAMPS/INFORMAL SITES³



RAS AL AIN AND TELL ABIAD AREA¹

156,200 Total population

24,900 Total IDPs

129,803 2022 People in Need (PIN)²

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% of assessed communities where KIs reported the presence of the following types of assistance for IDPs⁴



Commonly reported sources of food for households other than markets (by % of assessed communities)⁴

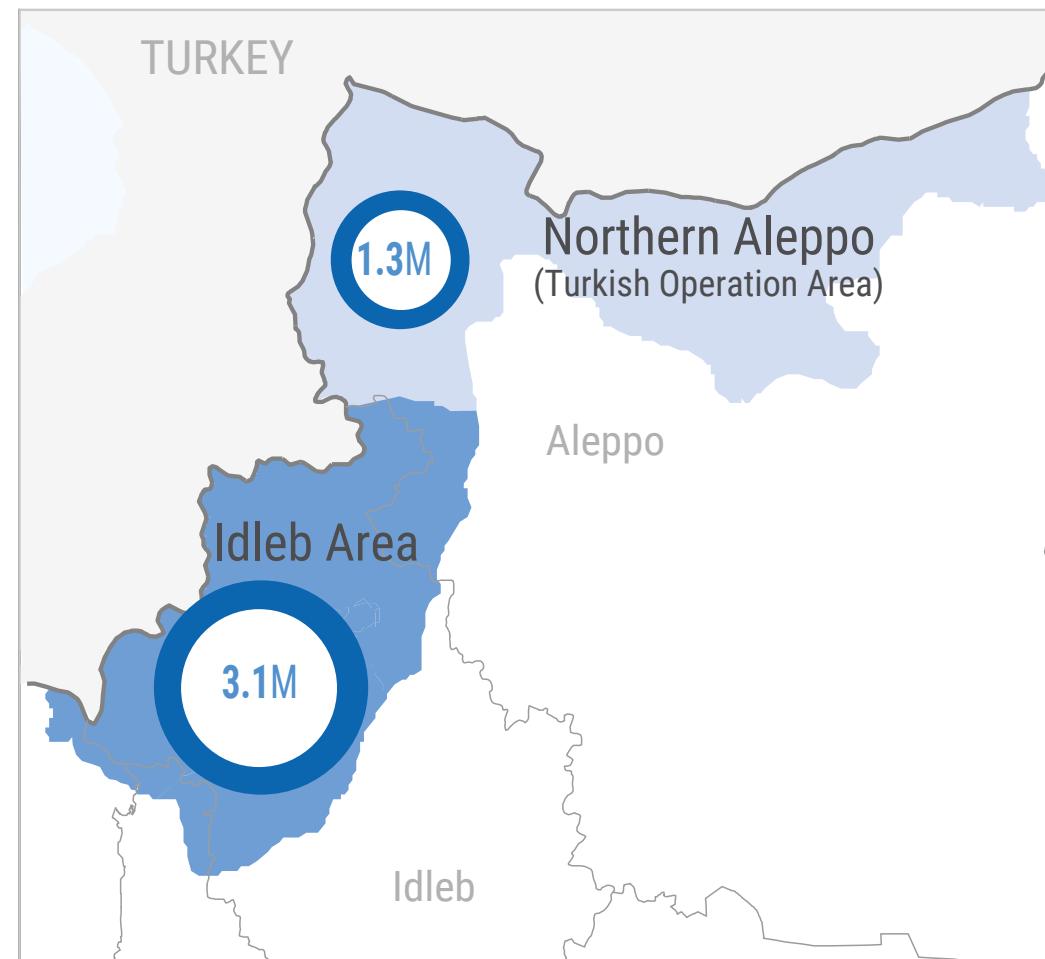
1	Own production or farming	49%
2	Relying on food stored previously	42%
3	Assistance from local council or NGOs	18%

humanitarian response landscape in northwest syria

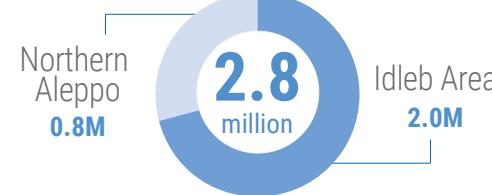
defying temporalities and scales of intervention

POPULATION OVERVIEW IN NORTHWEST SYRIA (NWS)

4.4M¹ Total population

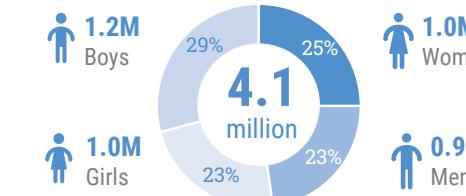


INTERNALLY DISPLACED PEOPLE (IDPs)¹

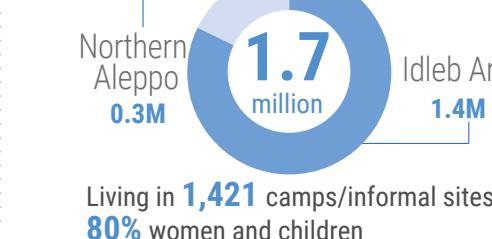


2022 PEOPLE IN NEED (PIN)²

2.9M Idleb Area
1.2M Northern Aleppo



IDPs LIVING IN CAMPS/INFORMAL SITES³



RAS AL AIN AND TELL ABIAD AREA¹

156,200 Total population

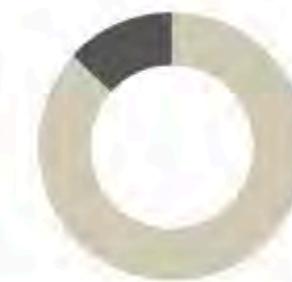
24,900 Total IDPs

129,803 2022 People in Need (PIN)²

Most commonly reported first, second, and third and overall priority needs for IDPs (by % of assessed communities)^{2,3}

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Commonly reported sources of food for households other than markets (by % of assessed communities)⁴

1	Own production or farming	49%
2	Relying on food stored previously	42%
3	Assistance from local council or NGOs	18%

In 95% of assessed communities at least 80% of the resident population reportedly owned their shelter

In 65% of assessed communities reportedly none of the IDP households owned their shelter

In 21% of assessed communities at least one fifth of the IDP population reportedly lived in unfinished or abandoned residential buildings

In 21% of assessed communities at least one fifth of the IDP population reportedly lived in tents

Reported presence of occupied shelters with damage across communities where damages were reported (by % of assessed communities)^{5,10}

humanitarian response landscape in northwest syria

defying temporalities and scales of intervention



humanitarian response landscape in northwest syria

defying temporalities and scales of intervention



decoding the prototype

BetterShelter RHU at refugee camp in dollo ado, ethiopia.



decoding the prototype

BetterShelter RHU at refugee camp in dollo ado, ethiopia.



decoding the prototype

BetterShelter RHU at refugee camp in dollo ado, ethiopia.



facing the elements

umm al-jurn camp, idlib.

climate resilience

-14 - 40 degrees celsius



from shelter to home

jarabūs camp, aleppo.

climate resilience

local dynamics



redefining the vernacular

mixed use tent at harem camp, ariba.

climate resilience
local dynamics
form and function



response across scales and uses

collective tent at al-hol camp, northeast syria.

climate resilience

local dynamics

form and function

co-living



from emergency to transitional

permanent and temporary structures at harem camp, ariba.

climate resilience

local dynamics

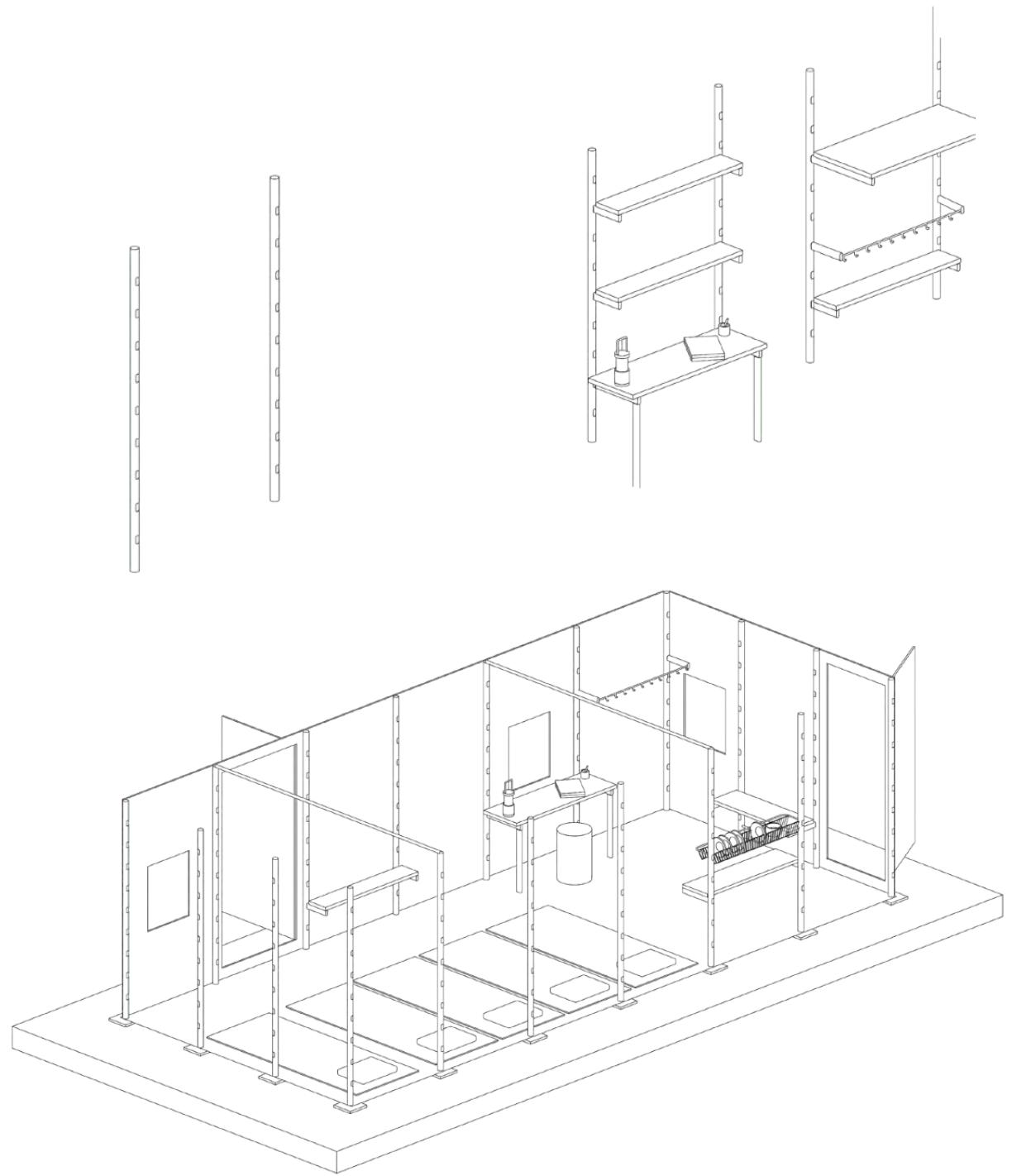
form and function

co-living

temporality

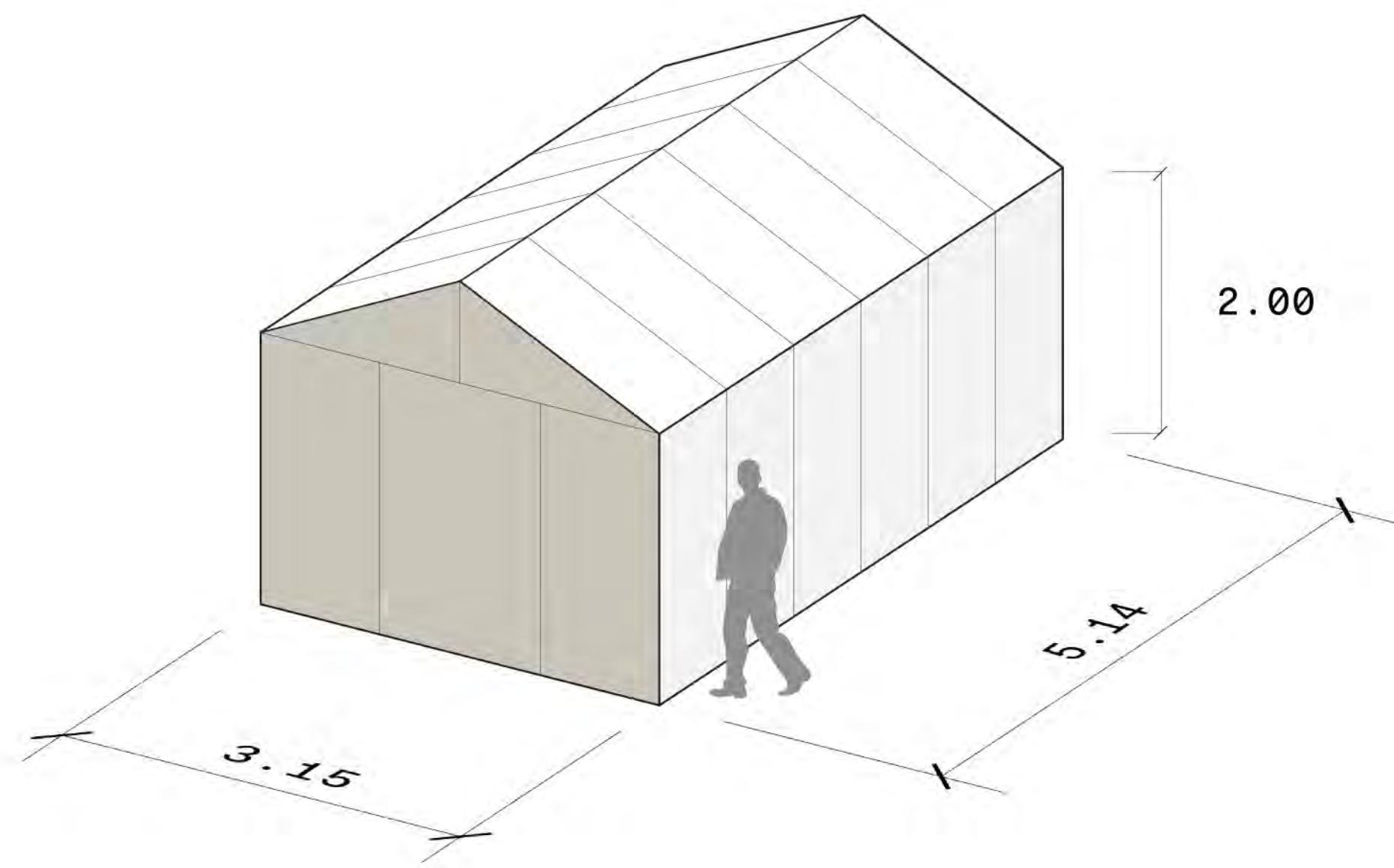


enhancing the
rhu prototype



toolkit for
place-making

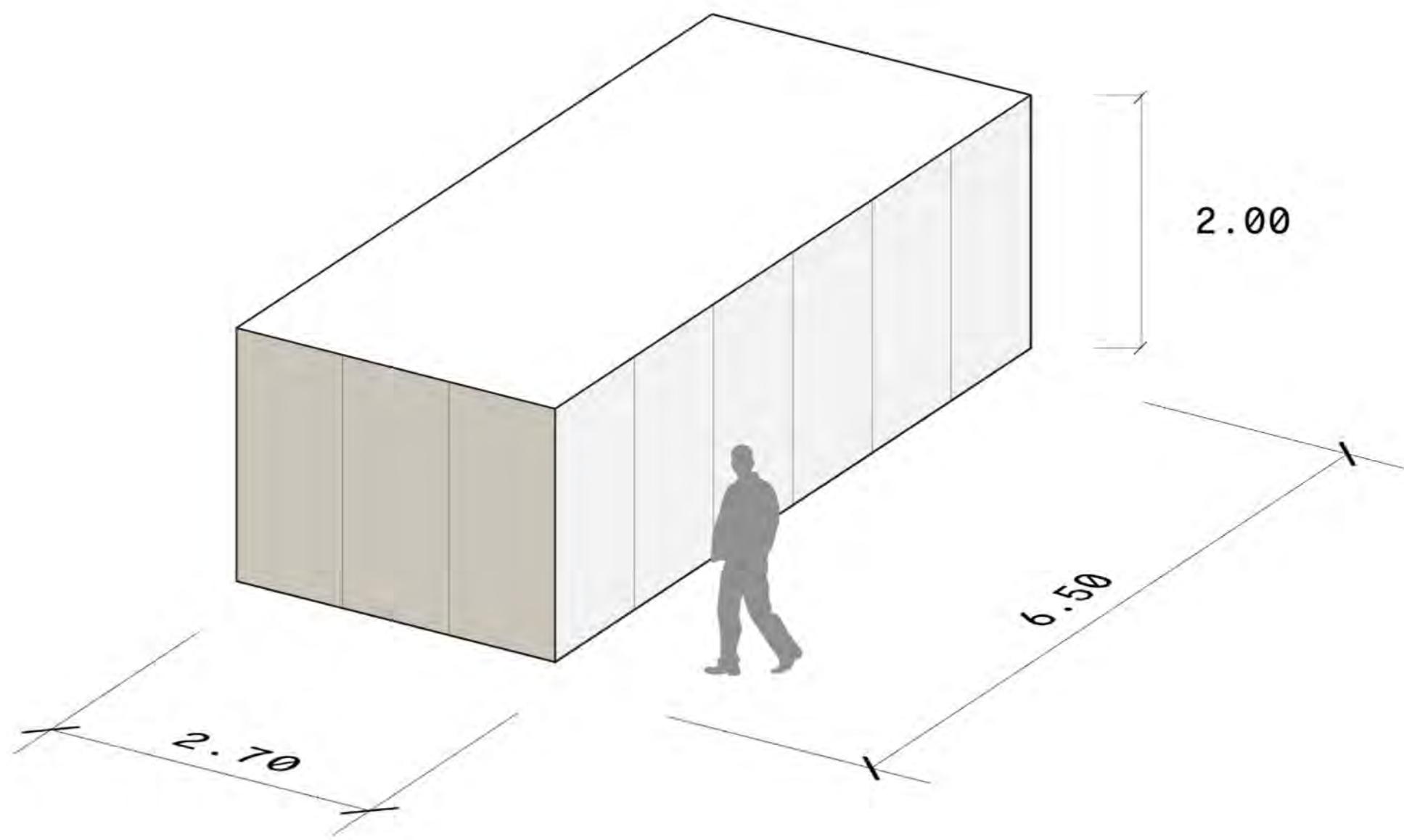
syrian -enhanced- rhu



BETTER SHELTER RHU

IKEA FLAT PACK

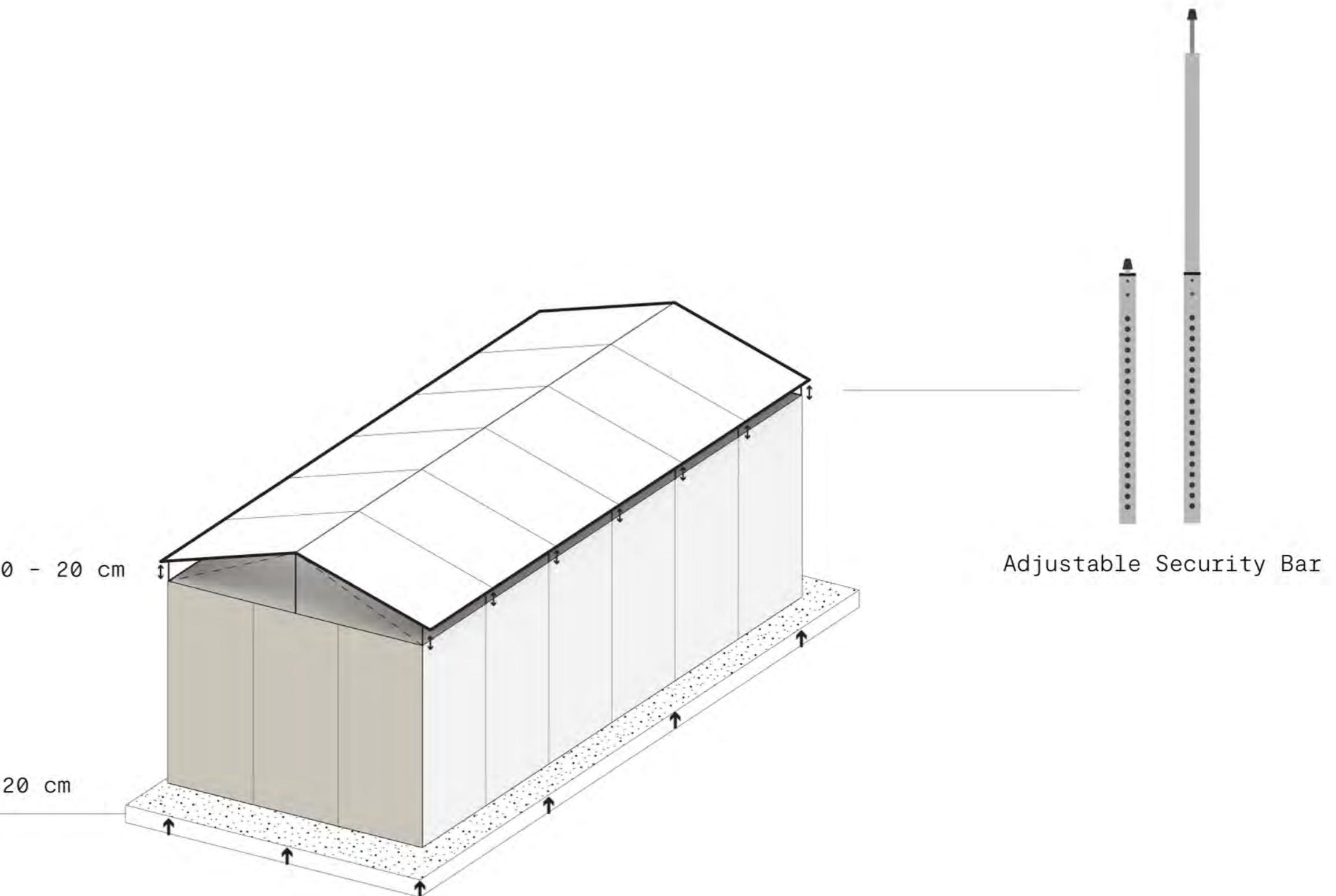
TOTAL AREA : 16.19 m²



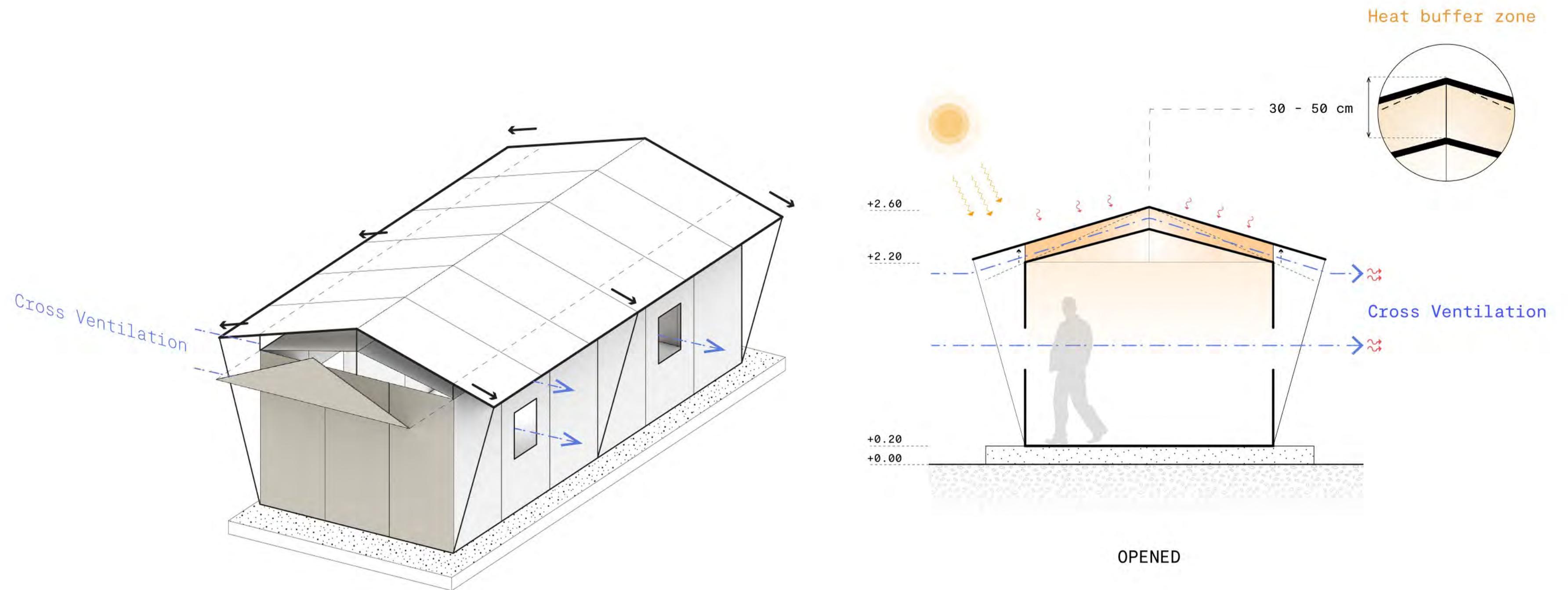
ADJUSTED RHU DIMENSION

IKEA FLAT PACK

TOTAL AREA : 17.55 m²

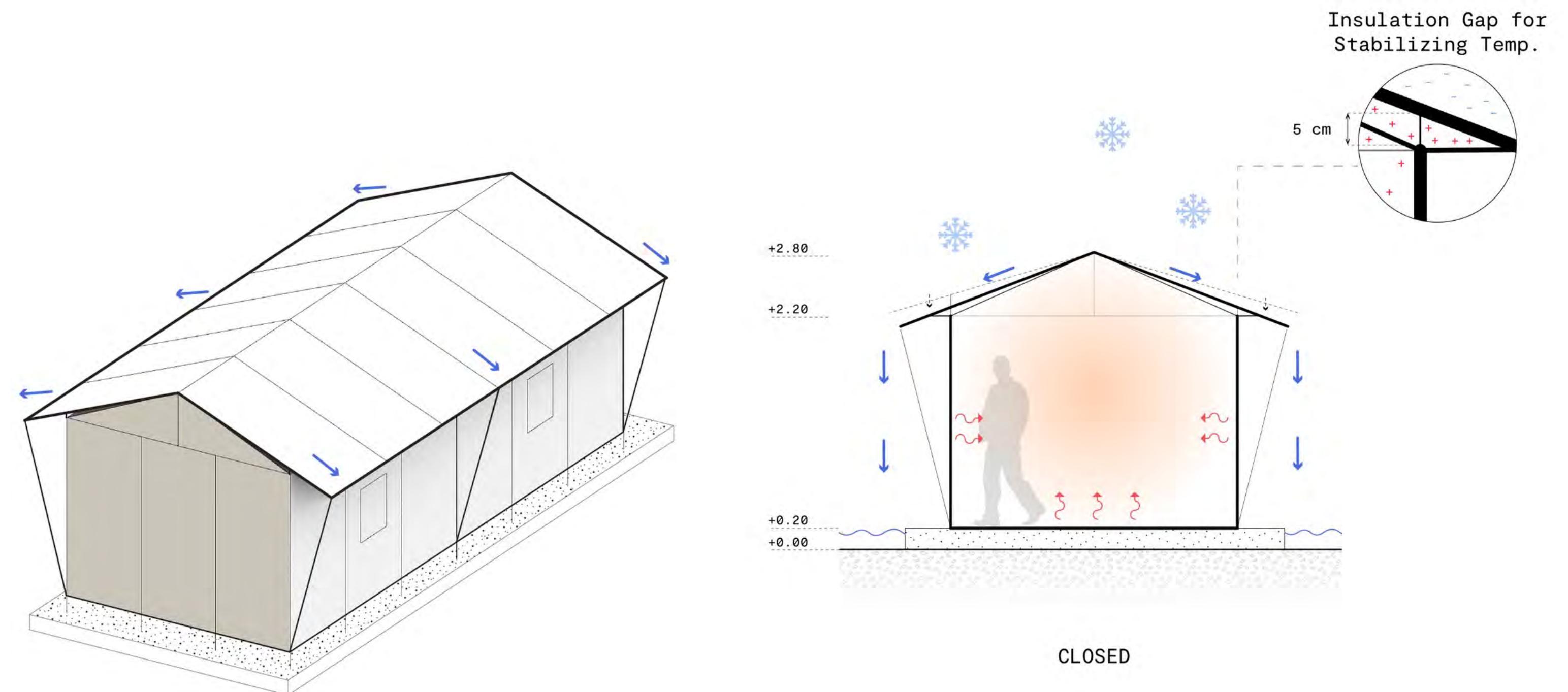


ELEVATED FLOOR &
ADJUSTED MODULES RESPONDING TO THE CLIMATE



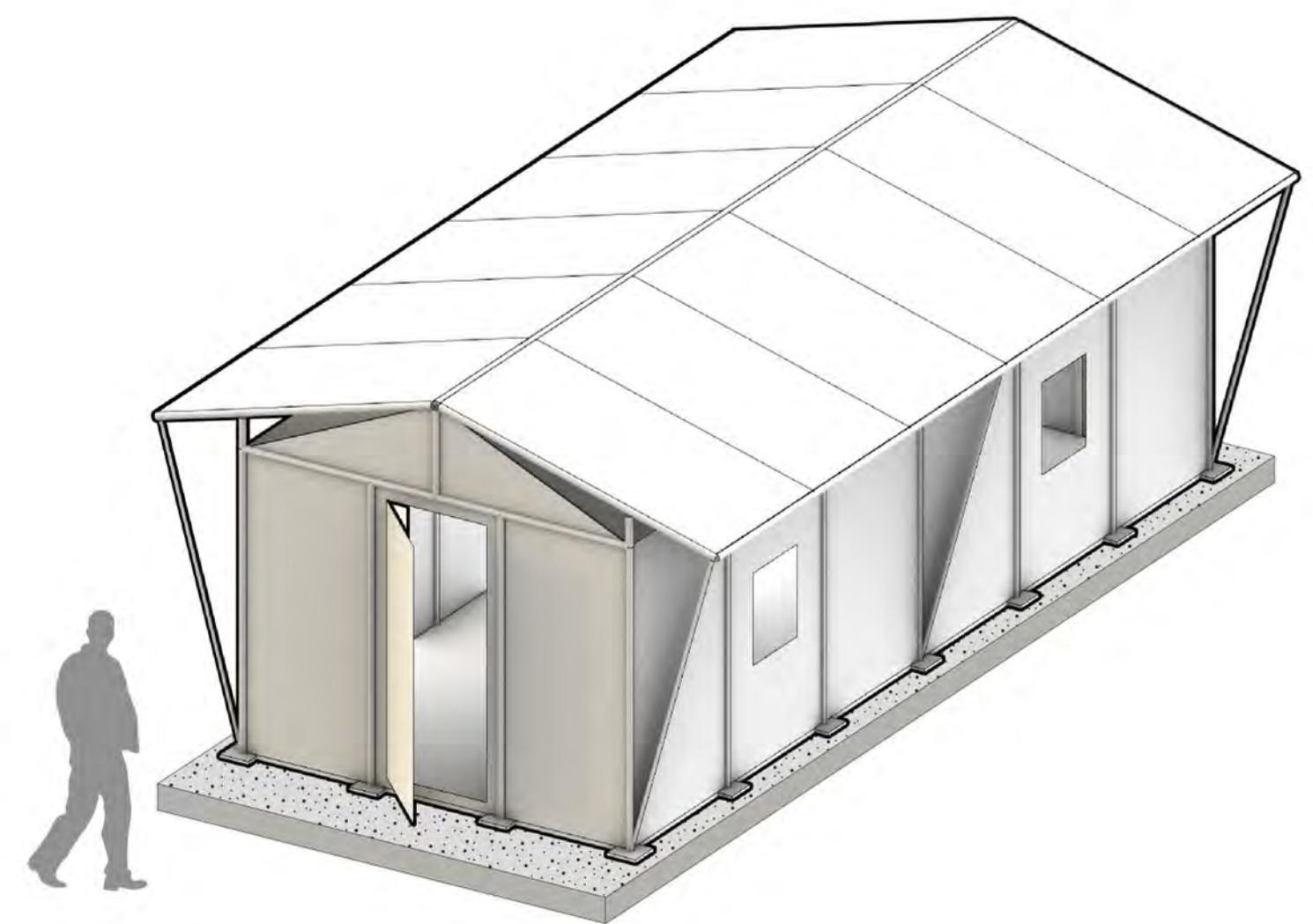
SUMMER PROTOTYPE

Heat buffer zone
Ventilation
Shading

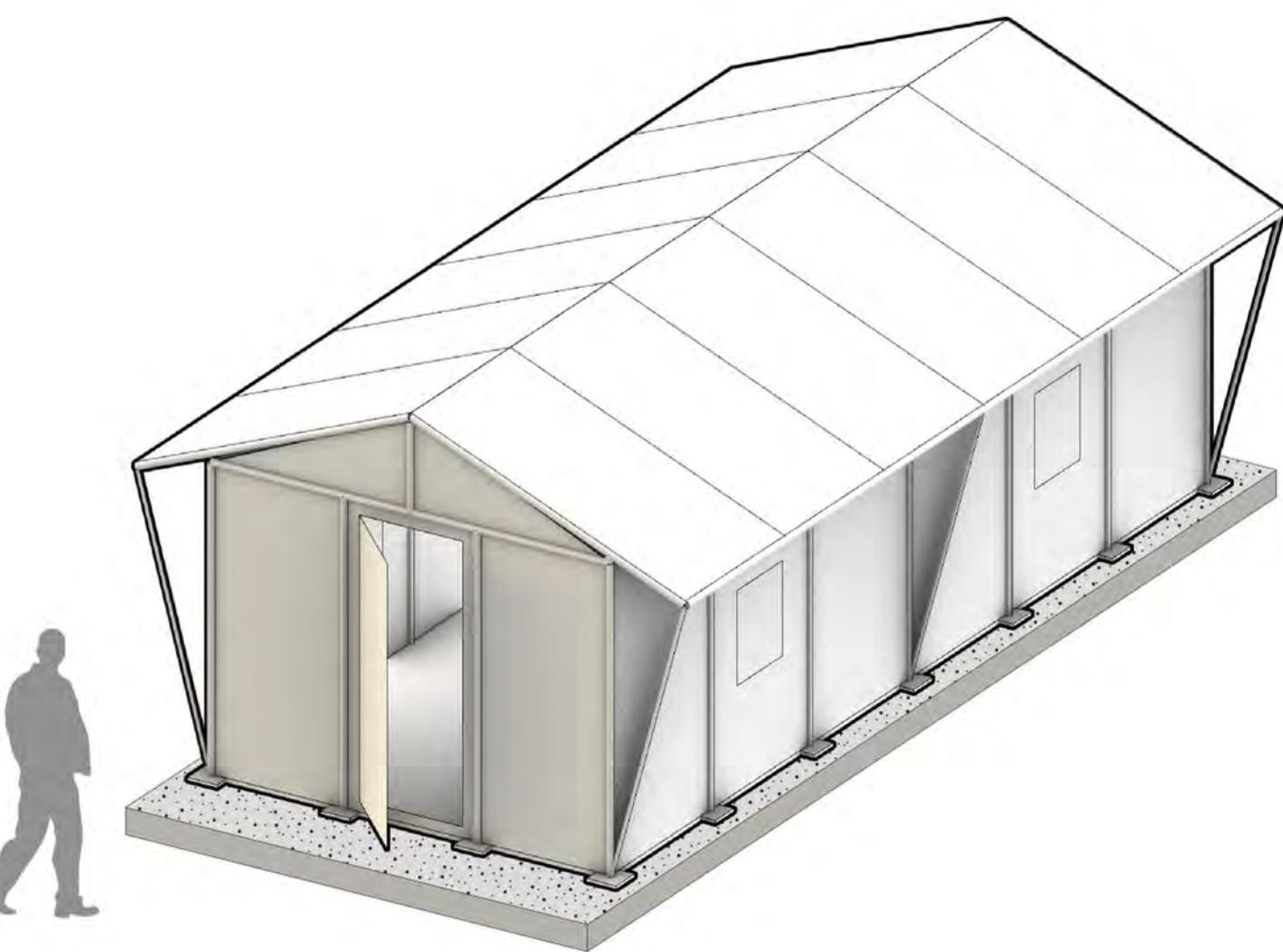


WINTER PROTOTYPE

Heat Gain
Thermal Mass
Insulation Gap

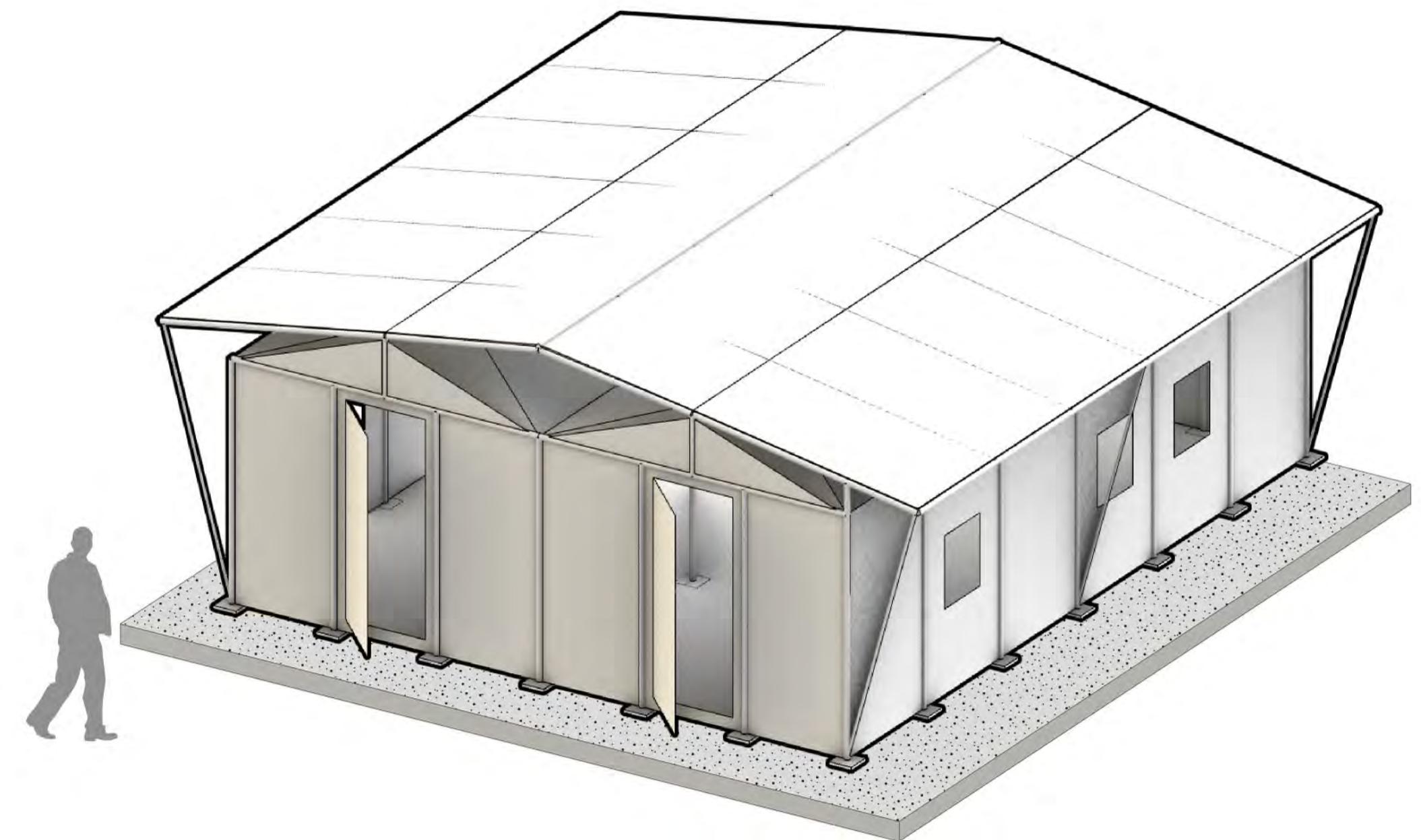


SUMMER PROTOTYPE

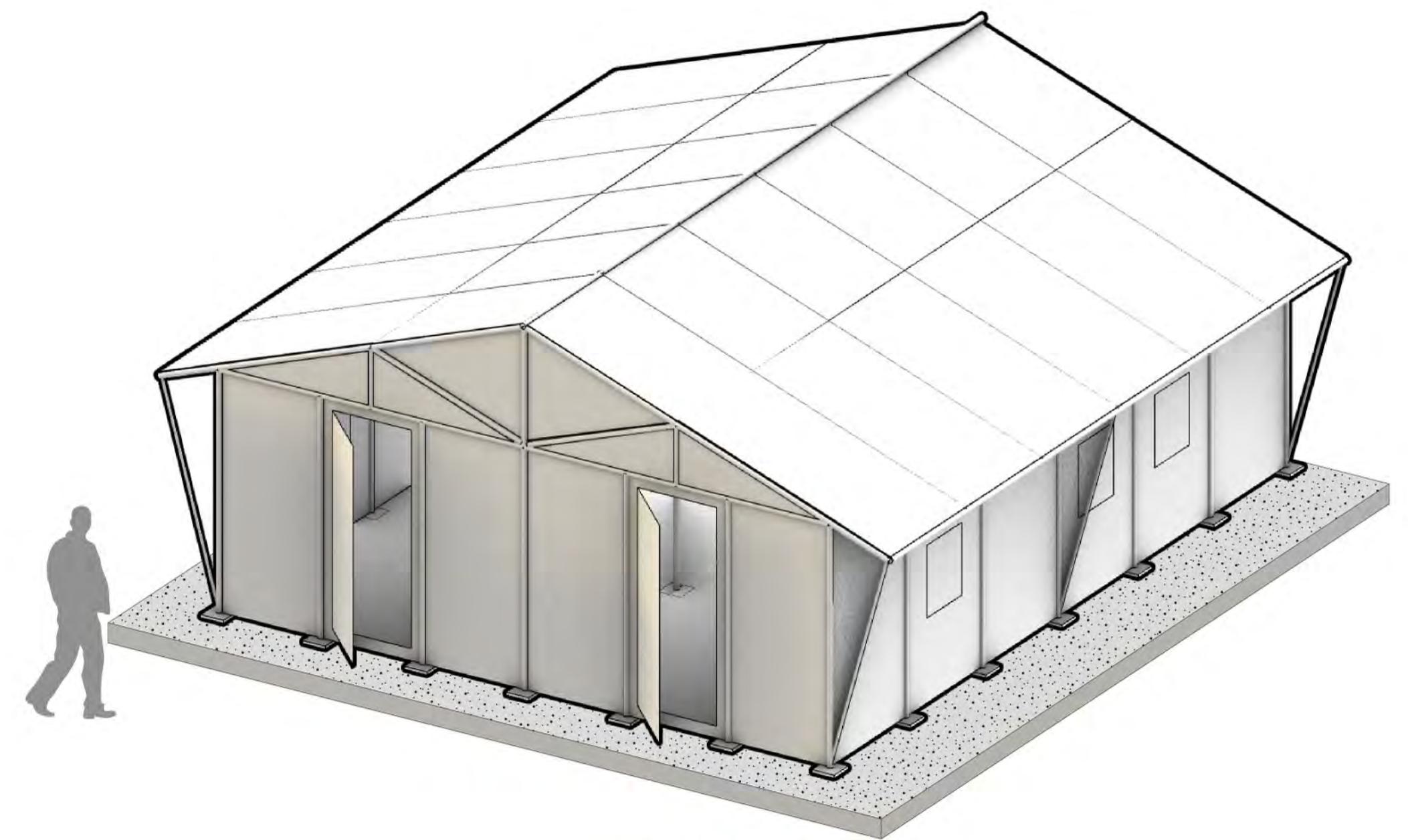


WINTER PROTOTYPE

INDIVIDUAL HOUSING UNIT



SUMMER PROTOTYPE



WINTER PROTOTYPE

COMMUNITY UNIT

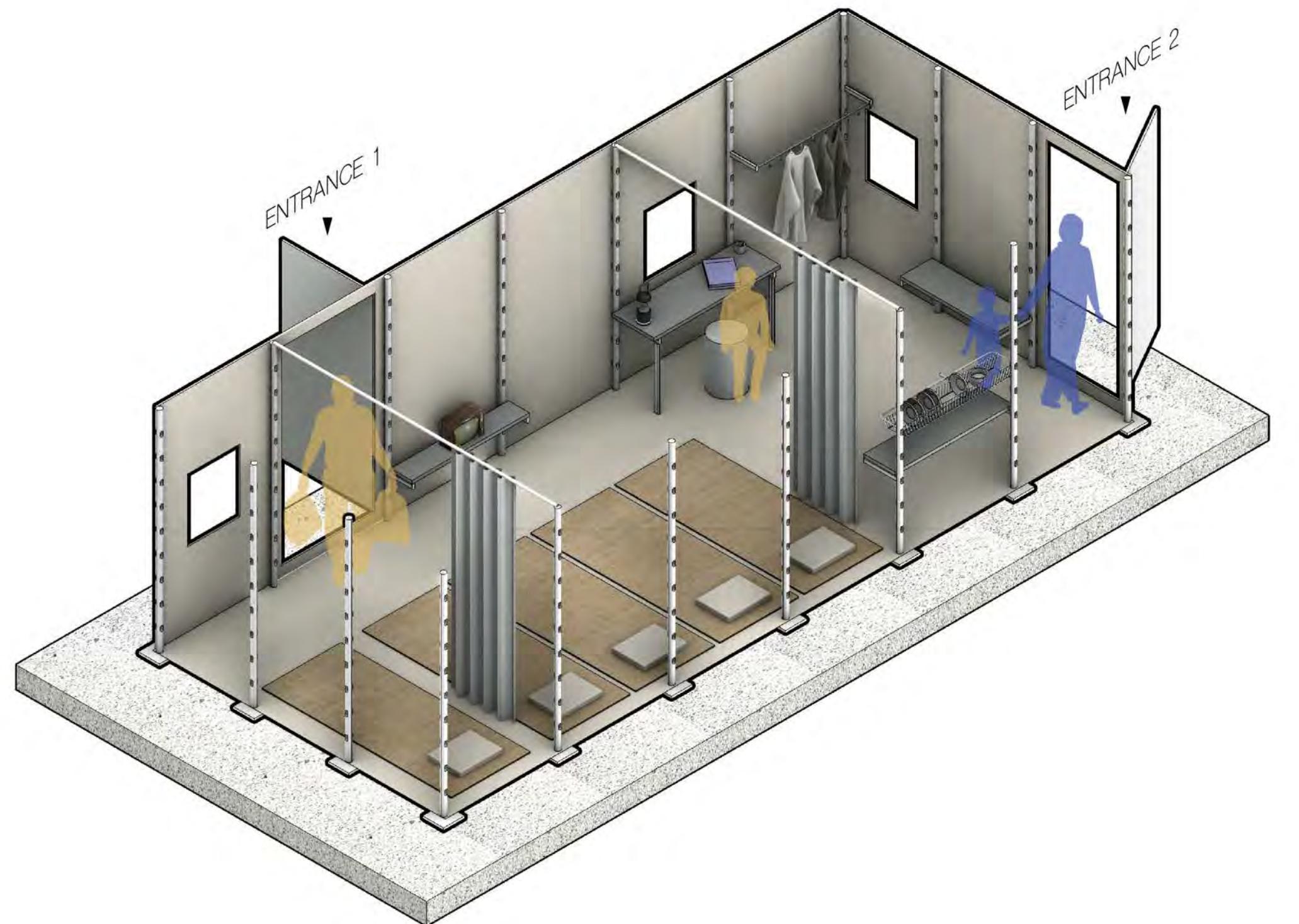
collective kitchens, child development units, gender-based spaces, spaces of worship, shelters for people in transit

indoor/outdoor add-ons

- storage
- landscape
- public spaces
- commercial/mixed use spaces

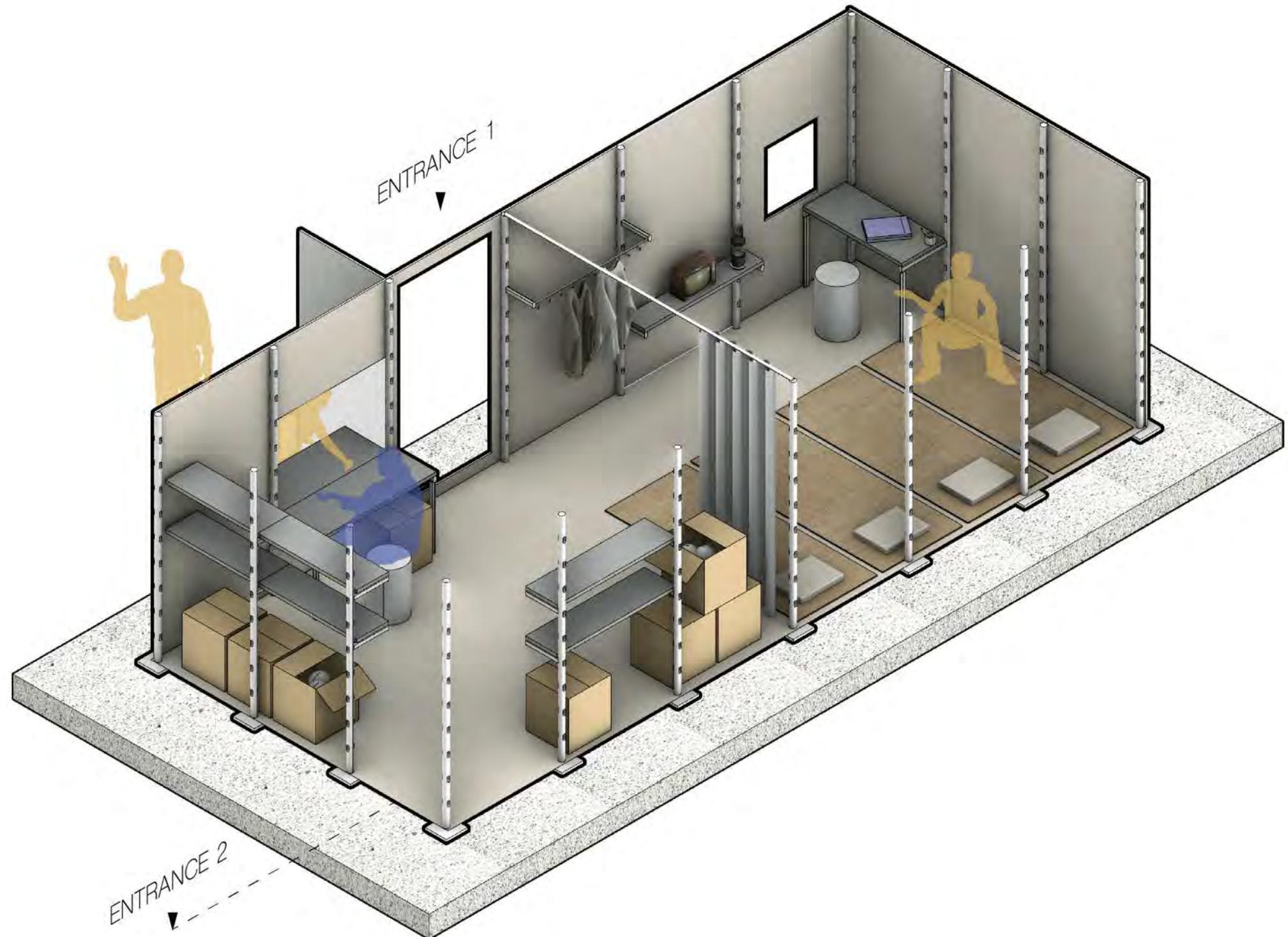


toolkit for placemaking
fostering a space for collaboration



Basic Needs Prototype

5 Dwellers

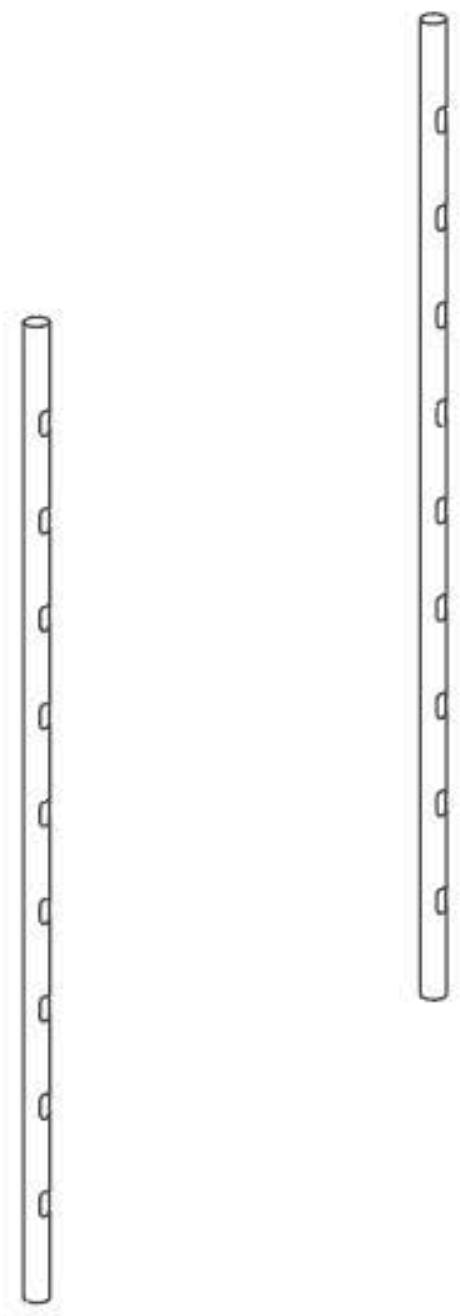


Business Prototype

4 Dwellers

PROGRAMS

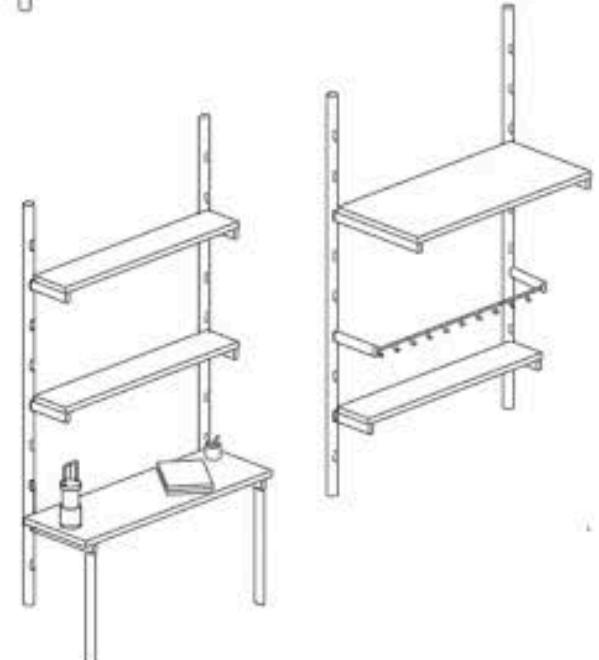
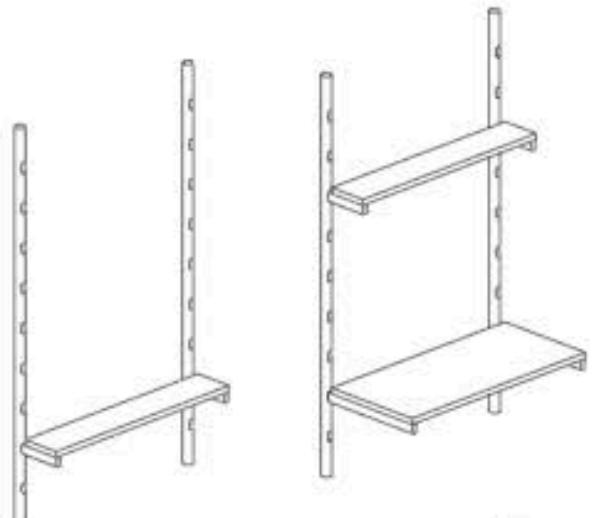
IN/OUT ADD-ONS



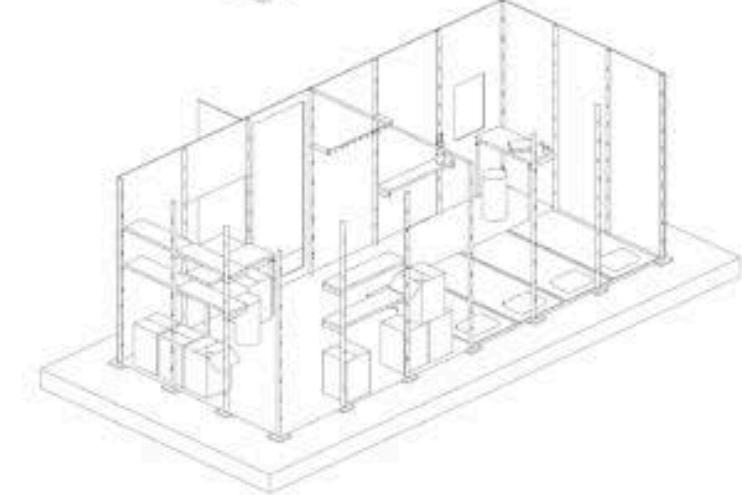
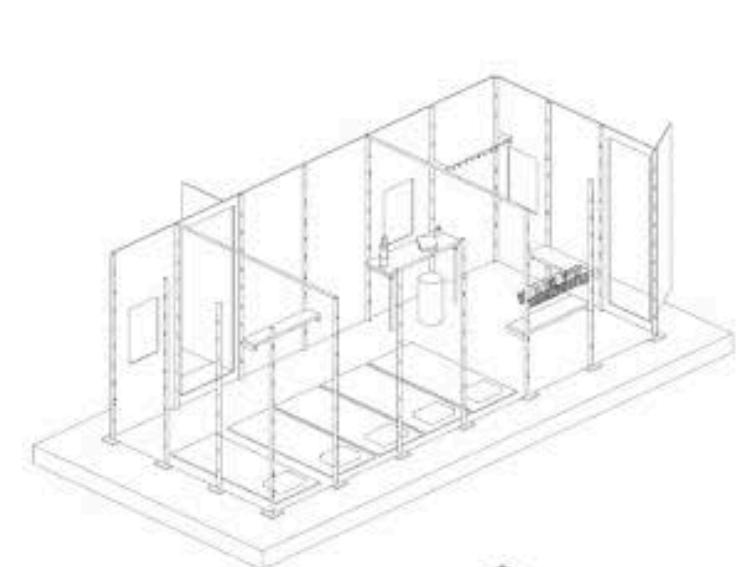
LOCAL INSPO



REFERENTIAL COMBINATIONS



MIX AND MATCH



English
Shelf add-ons included in different materials.
For other or custom sizes, for advice on suitable
shelf systems, contact your local specialist
store.
Deutsch
Schrankzubehör steht in den unterschiedlichen
Materialien zur Verfügung. Für andere oder
spezielle Größen, für Beratung über geeignete
Schranksysteme, kontaktieren Sie Ihren lokalen
Spezialistenshop.
Français
Les éléments d'ajout de rayonnage sont inclus dans
les matériaux différents. Pour d'autres ou des tailles
spéciales, pour conseil sur les systèmes de rayonnage
appropriés, contactez votre magasin spécialisé.
Nederlands
Schrankzubehör staat in verschillende materialen
beschikbaar. Voor andere of speciale maten,
raadpleeg u een lokale speciaalzaak.
Arabic
الكتل الإضافية من الرفوف متاحة في
مواد مختلفة. للحصول على معلومات حول
أنظمة الرفوف المناسبة، يرجى الاتصال
مع متجر متخصص محلياً.
Lithuanian
Rinkinio dalys yra įvairių medžiagų.
Norėdami išvengti vertikalios plokštumos
naudos, susipažinti su skirtuose pagrindiniuose
vertikaliniuose rinkiniuose.
Portuguese
Os elementos de adição de estante estão incluídos em diferentes materiais.
Para outras dimensões ou para conselhos sobre sistemas de estante adequados,
entre em contacto com uma loja especializada.
Romanian
Elementele de extensie a cămară sunt incluse în
materialuri diferite. Pentru informații despre tipul de
sistem de cămară potrivit, consultați un
magazin specializat local.

indoor/outdoor

add-ons

-storage

-landscape

-public spaces

-commercial/mixed use spaces

fabrication/
set-up guides

-basic shapes and elements

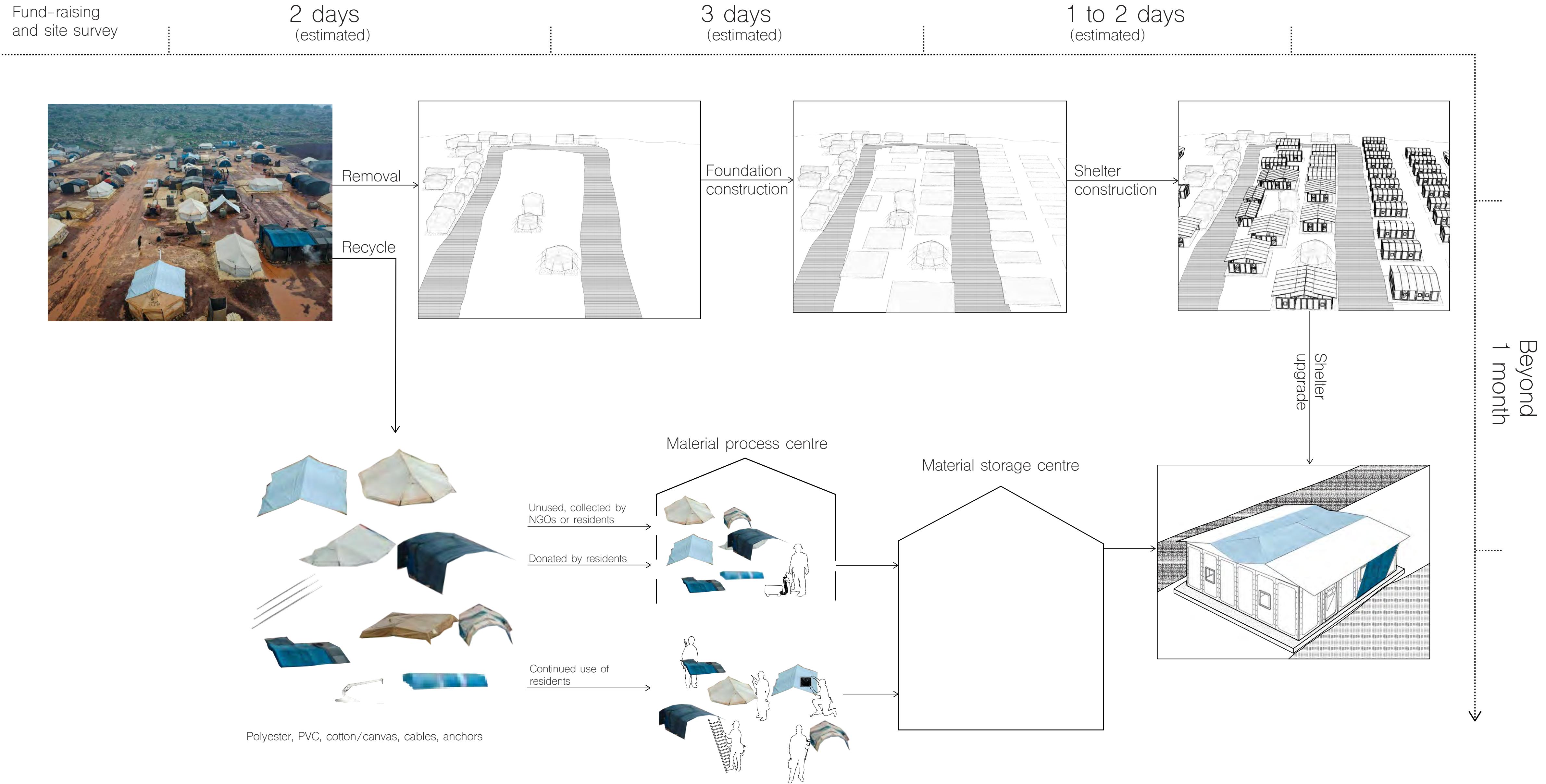
-local solutions

-hybrid catalog of configurations

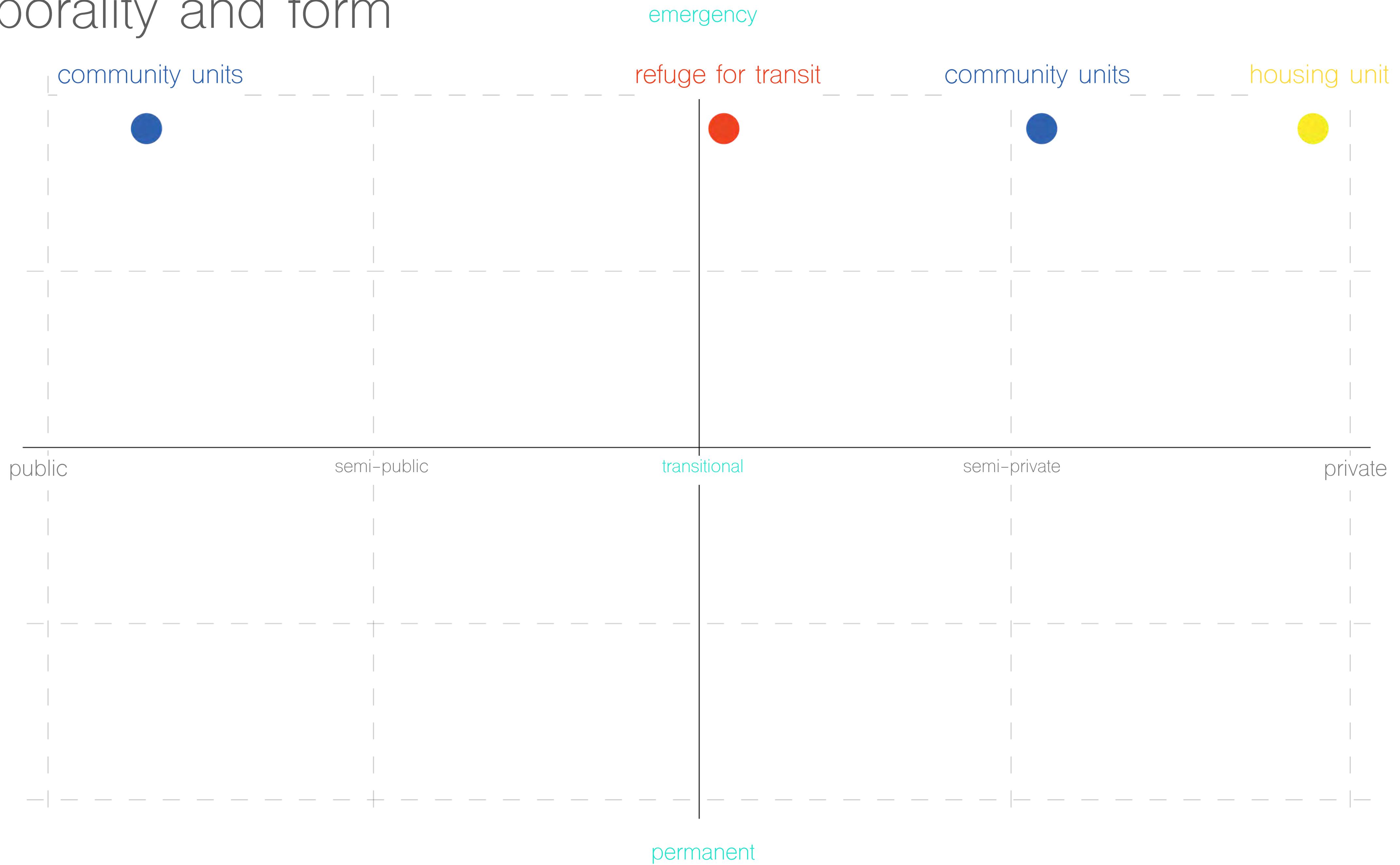
toolkit for placemaking

fostering a space for collaboration

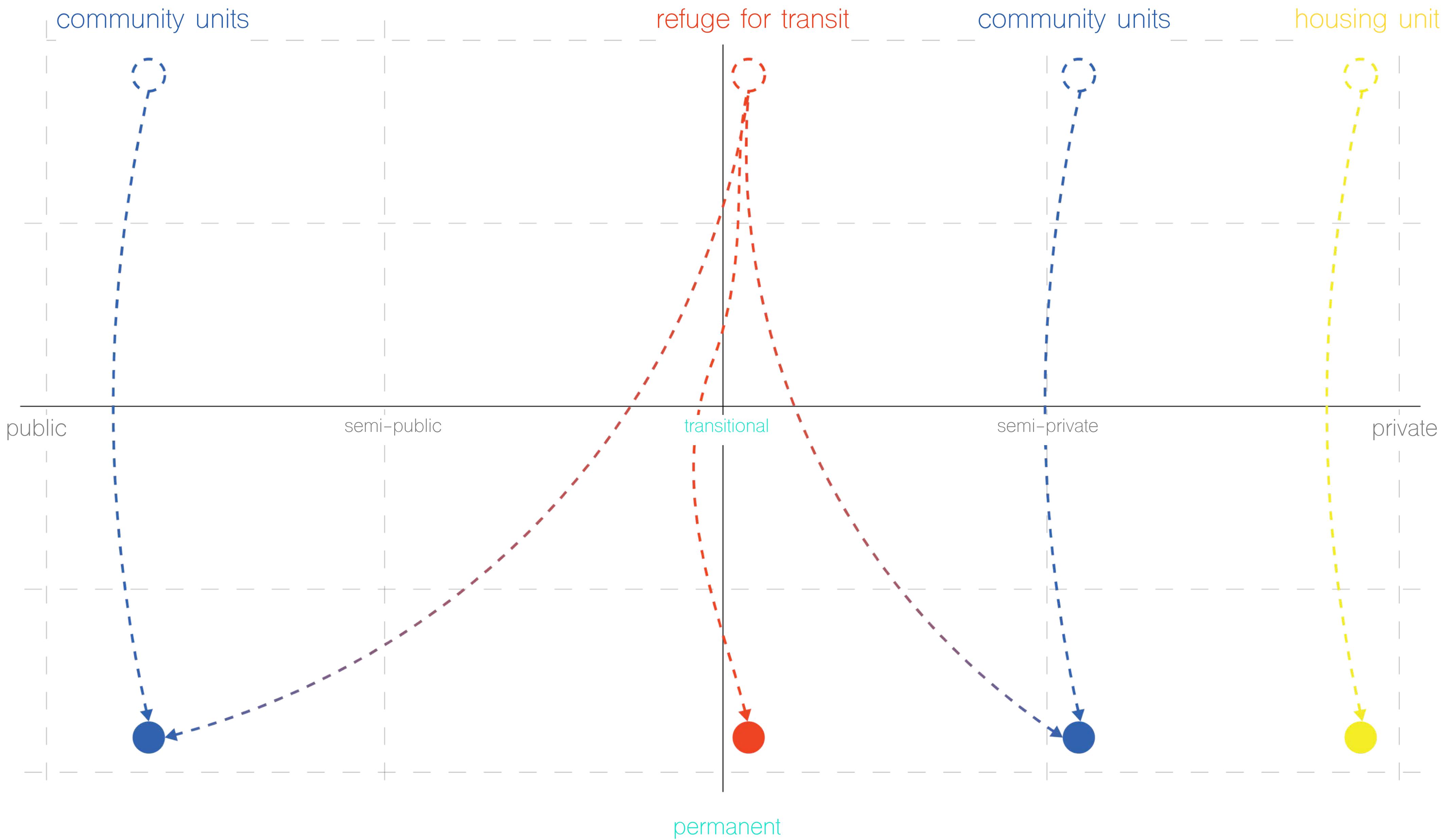
envisioning -upcycling- transformations



temporality and form

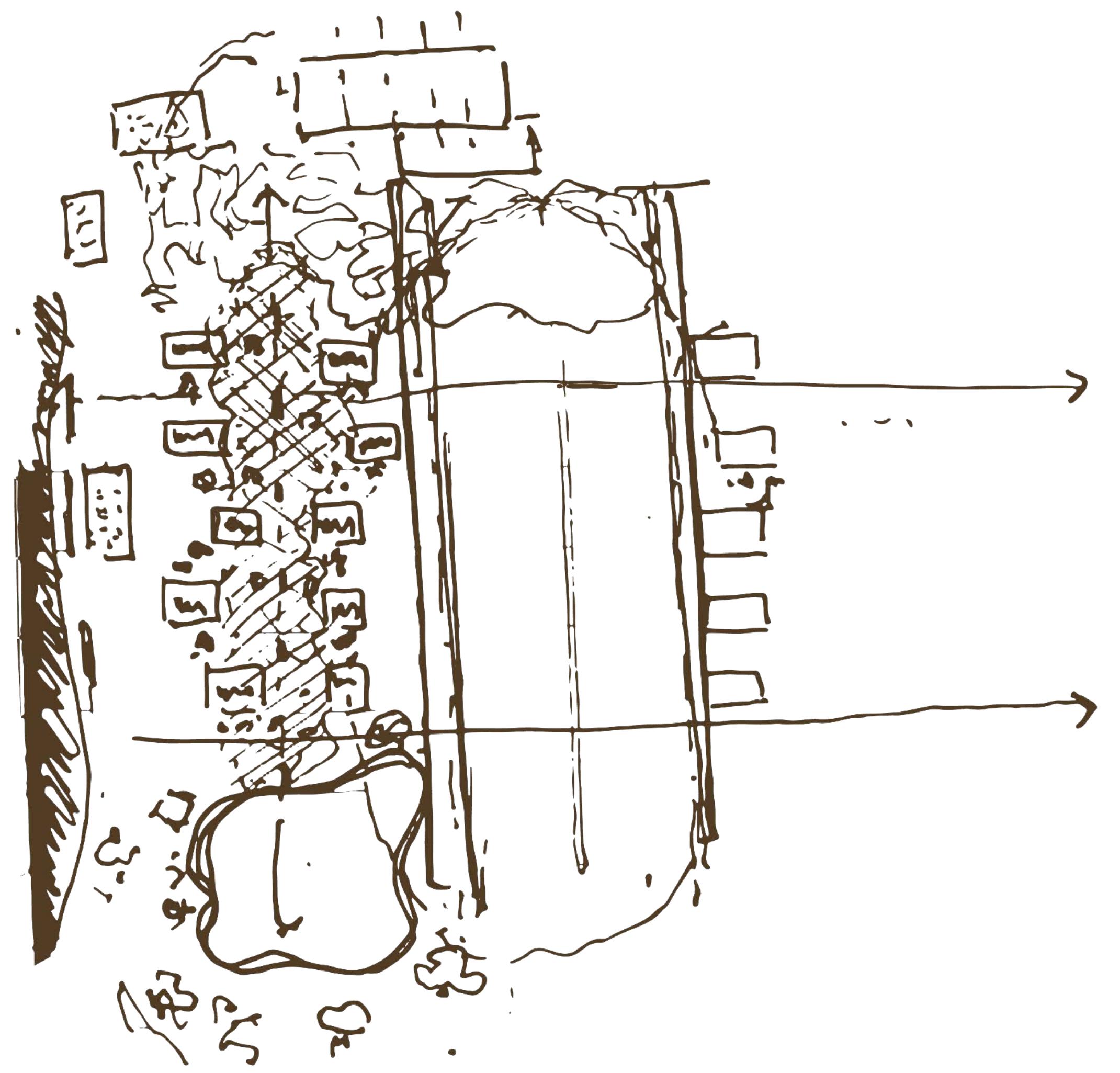


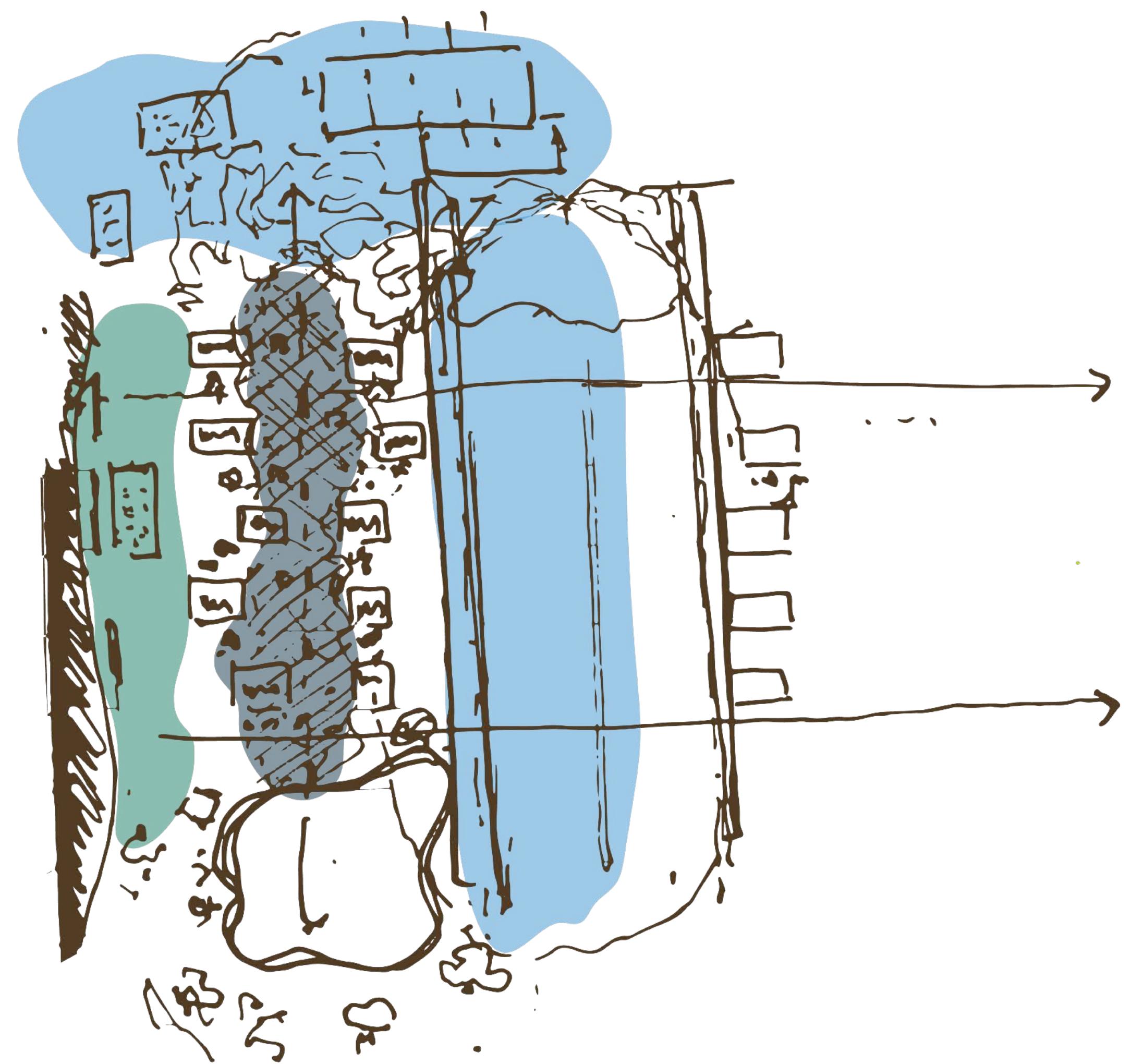
temporality and form



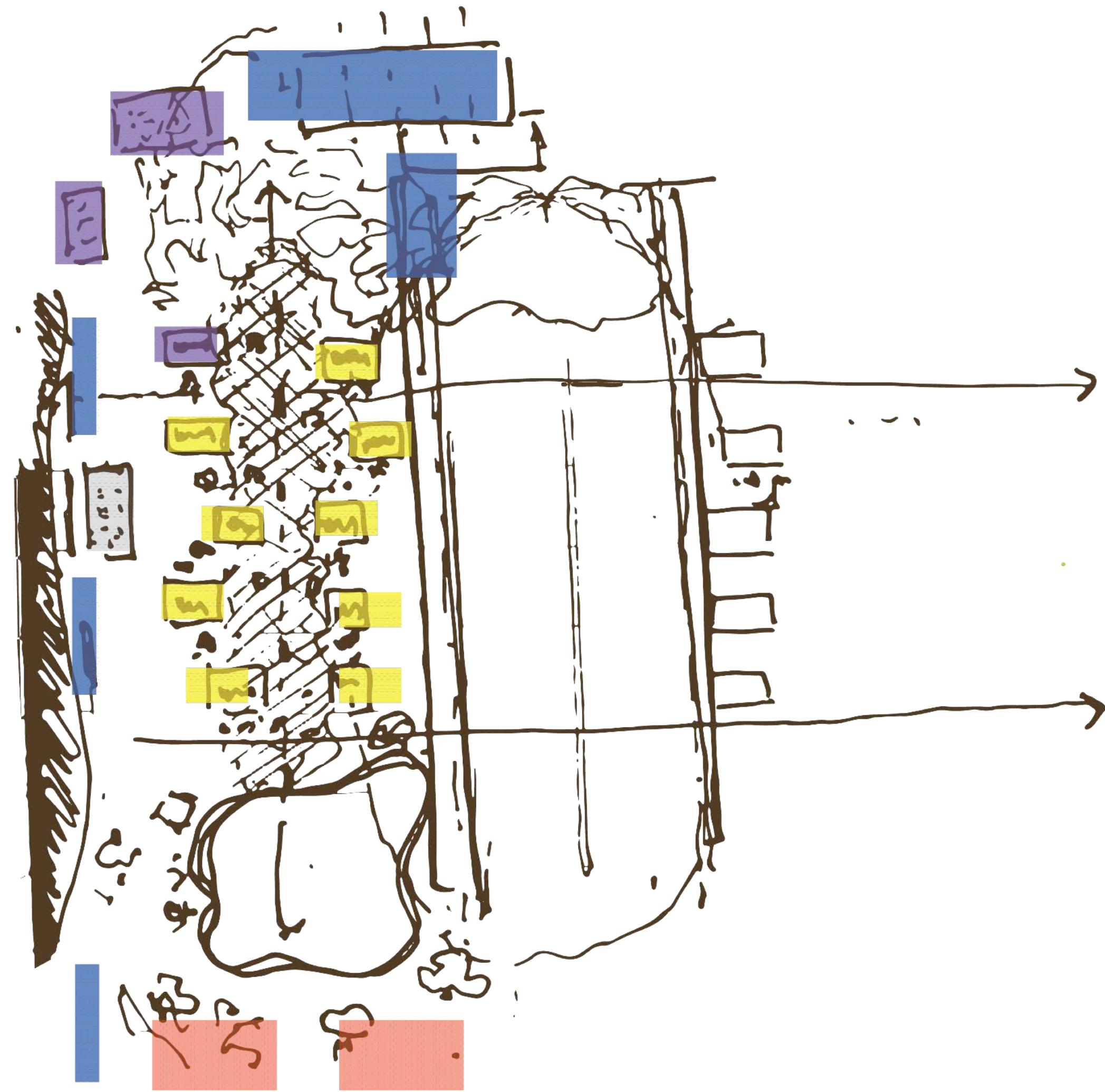
beyond the relief unit

addressing community, block, sector, and settlement scales

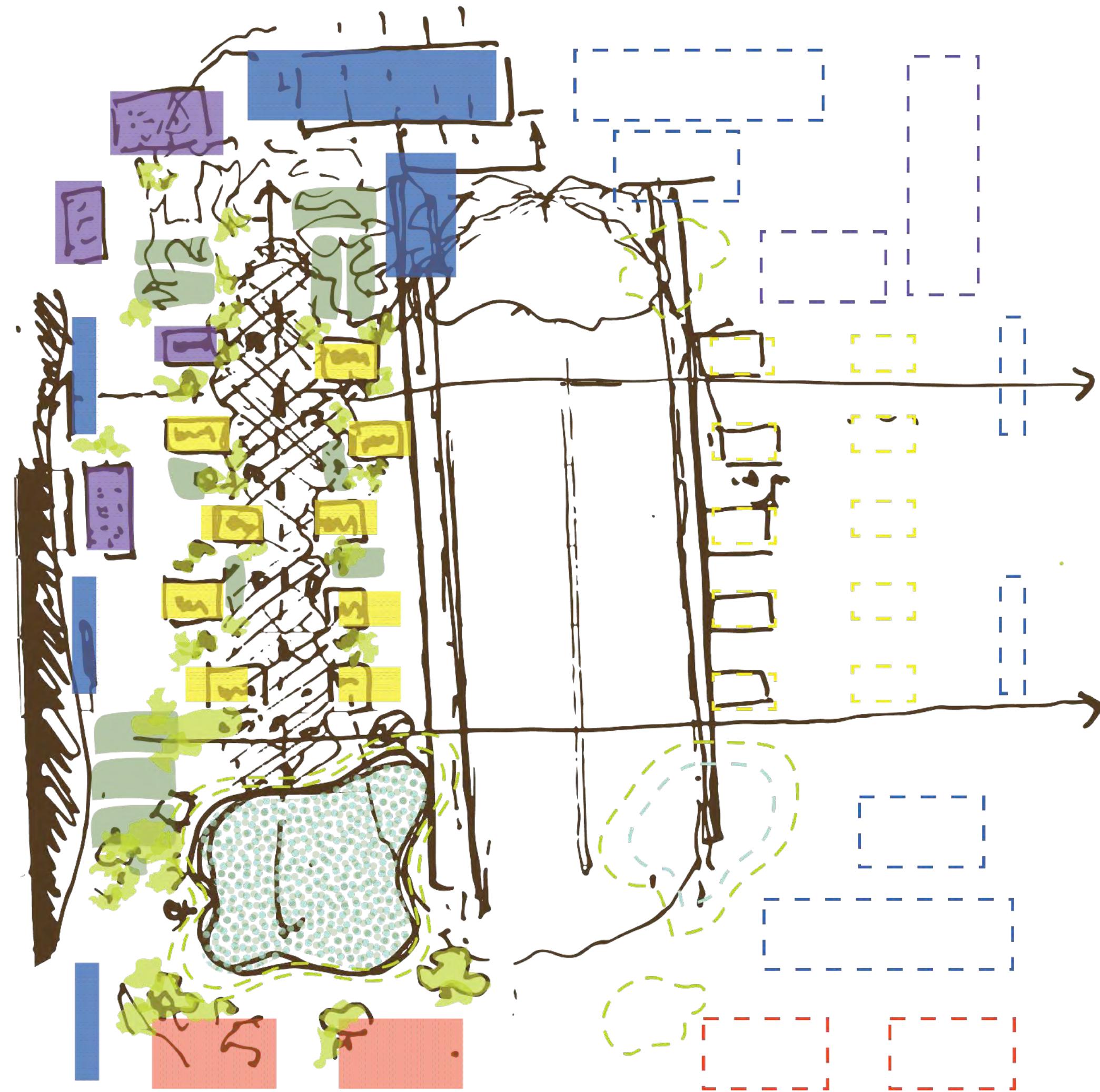




gradients of public - private



gradients of public - private
multifunctional platforms



gradients of public - private

multifunctional platforms

the role of landscape









rethinking shelter

in the context of Northwest Syria -and beyond-

cristina dávila gonzález - pongpol punjawaytegul - ciying wang
nff 2022 shelters workshop

rethinking shelter

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