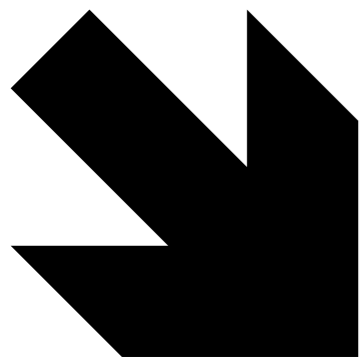


INTEGRATED DESIGN S:1 W:15

JOSH WALLACE



**SHELTER &
MOBILITY**



FACTS & FIGURES



1

THE COSTS OF HOMELESSNESS

- L.A. SPENDS OVER \$100 MILLION
- UP TO \$87 MILLION ON ARRESTS, PATROL, MENTAL HEALTH AID, EMERGENCY AID

2

HOMELESSNESS IN LOS ANGELES

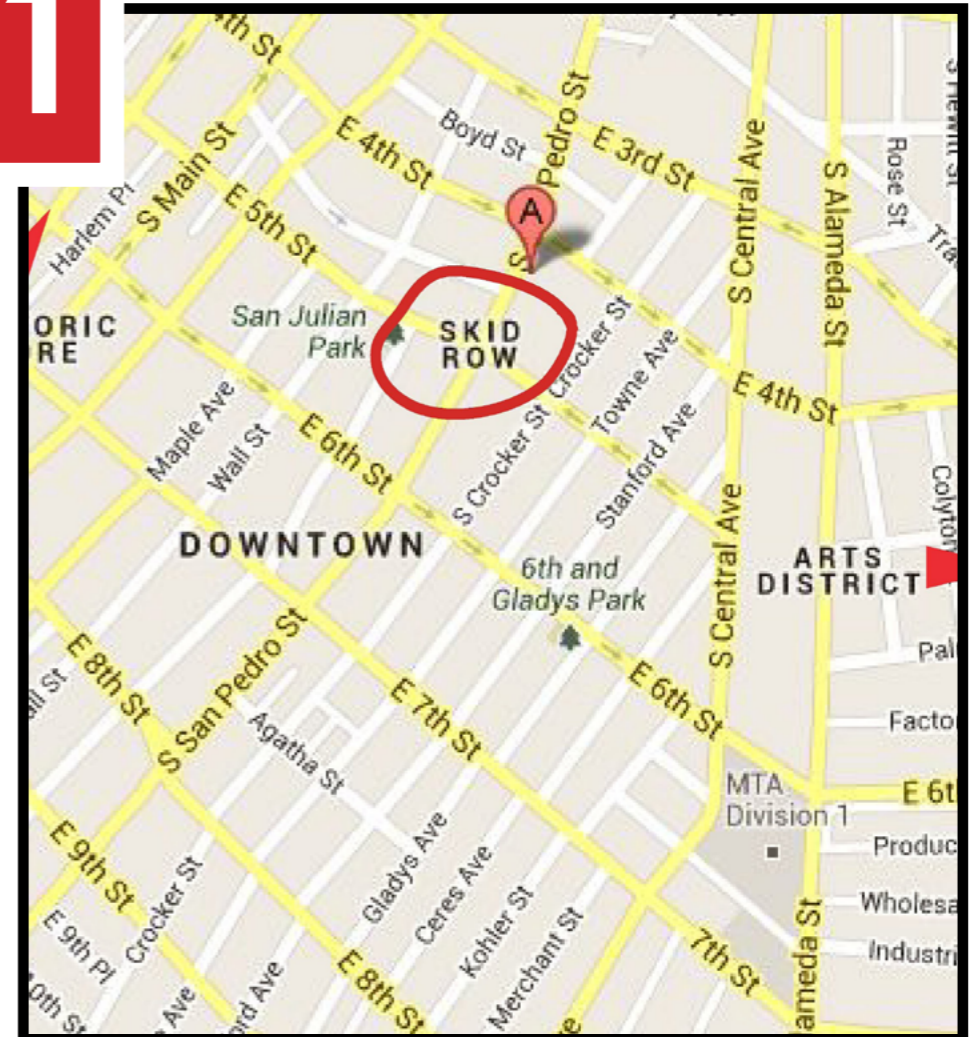
- 25,686 HOMELESS IN L.A.
- 17,687 UNSHELTERED
- 7,999 SHELTERED

Data collected from the Los Angeles Homeless Services Authority*

AREA FOR CASE STUDY



1



2

- skid row has the largest population of homeless people in the nation.
- Largest collection of unsheltered individuals in the nation.
- extremely poor living conditions



PROPOSAL PRT.1

A



- at risk to traffic injury
- lack of communal amenities
IE: benches, garden box,
shaded seating.

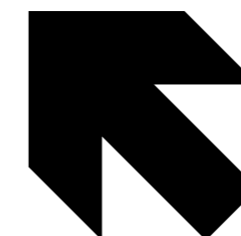


- must relocate every
48 hours.

B



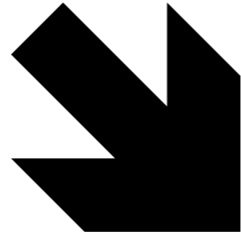
- conversion to community
housing



- case studies show
positive Results
- boosts way of life
- strength in community

PROPOSAL PRT.2

- Transportable modular housing
- inflatable / expandable v.1
- Pre-Fabrication v.2
- Collaborative construction / found object construct v.2
- multiple units for community



V.1



V.3



V.2



PROPOSAL

PRT.3

The Integrations of both my design + concept of maker / collaboration house + community living + make rendering joke about not having a rendering.



(REALLY GREAT, LIKE 100% A+ RENDERING OF MODULAR MOBILE HOUSING COMMUNITY IN SKID ROW)

PROPOSAL PRT.4



- Market ability
- Mobile bag housing
- Works for camping
- Exploration
- Emergency purposes
- Creative housing

A



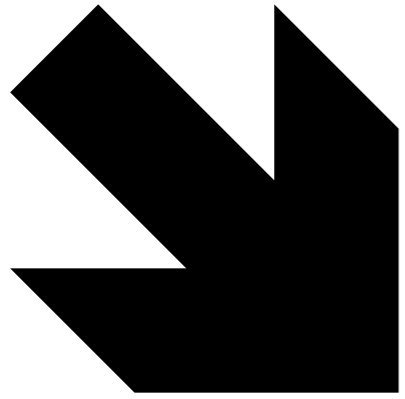
B



C

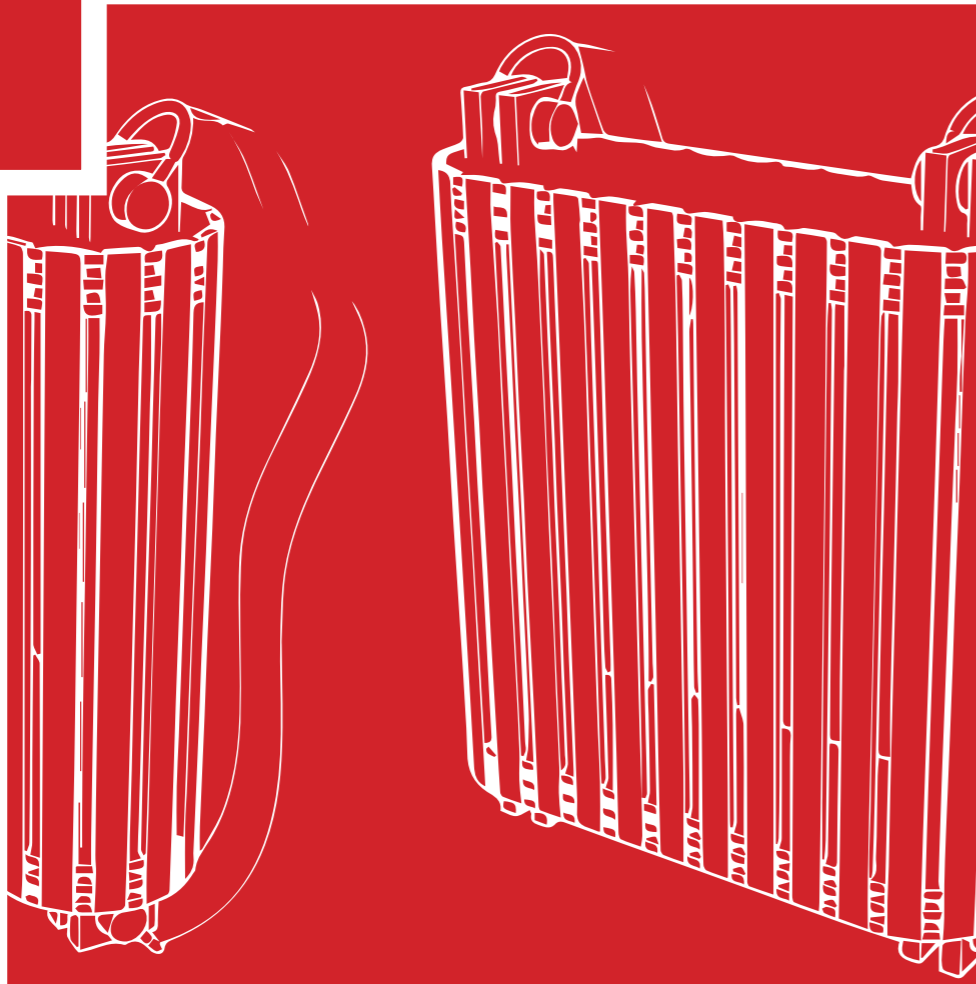


RESULTS



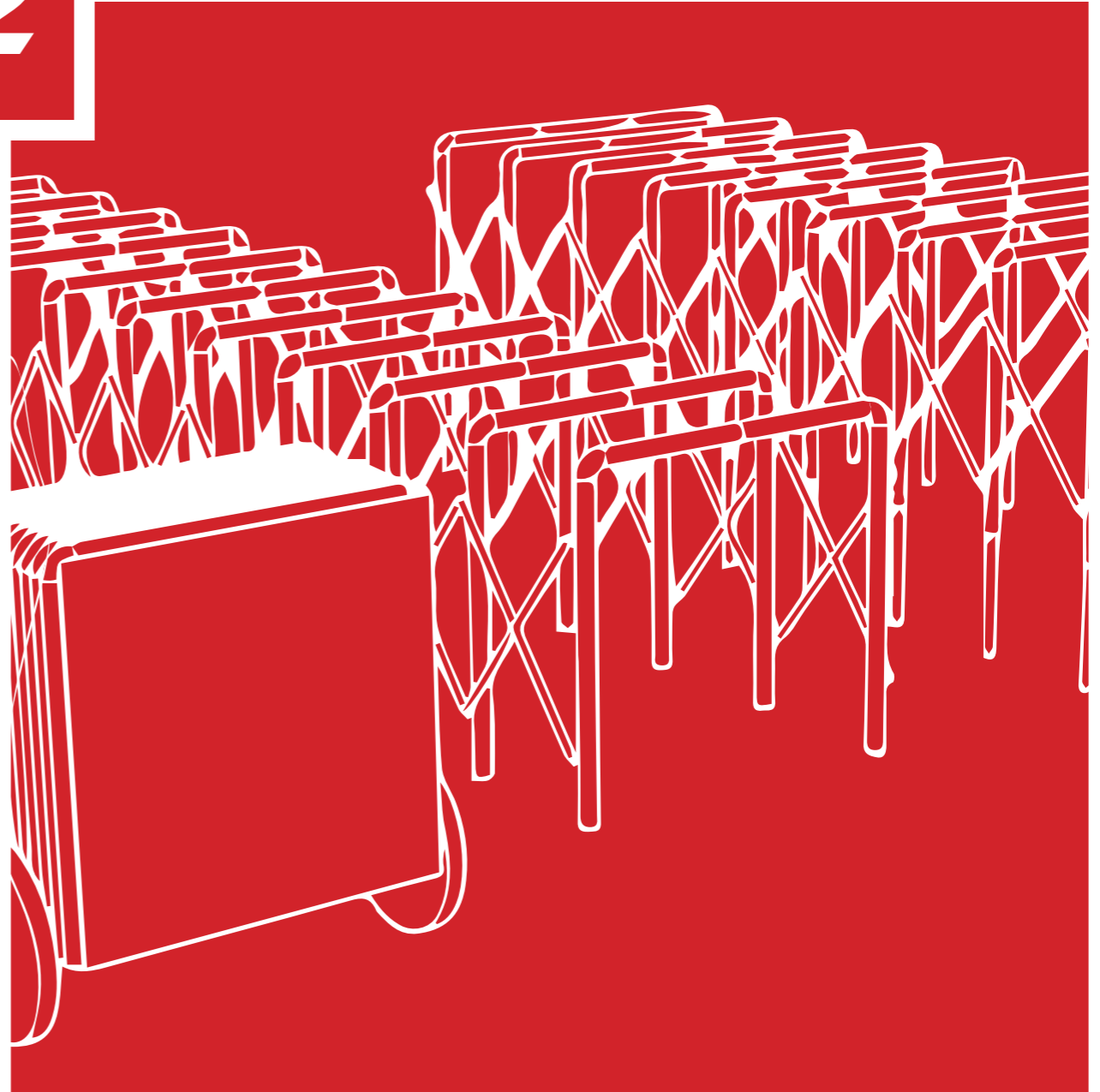
- Mobile Bedframe
- Sleep off the ground
- More setup involved
- Backpack size

1

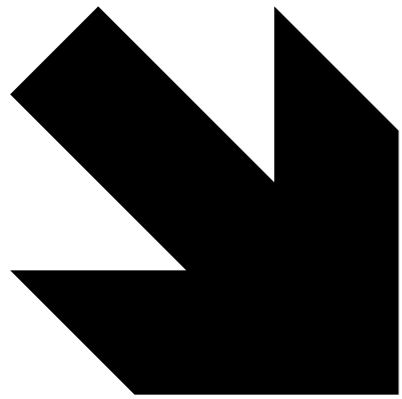


2

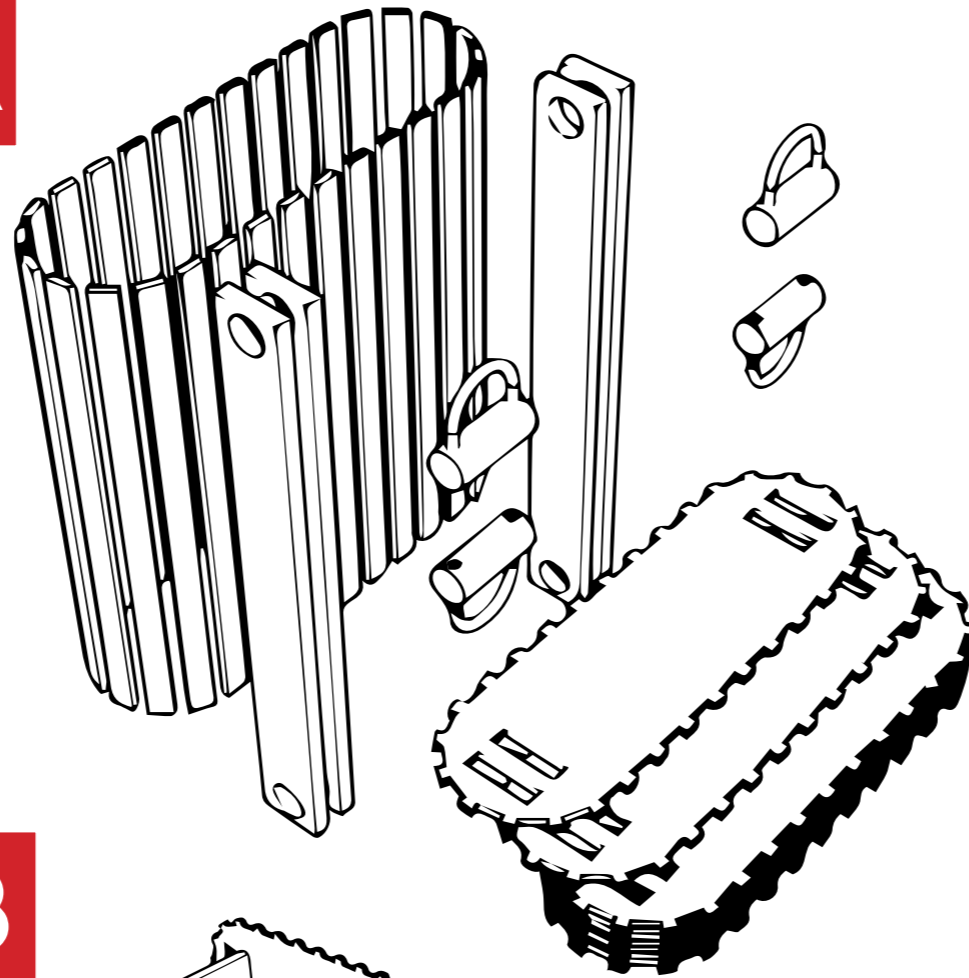
- Expandable shelter
- Compact form, suitcase size
- Easy set up / take down
- Not many separate parts



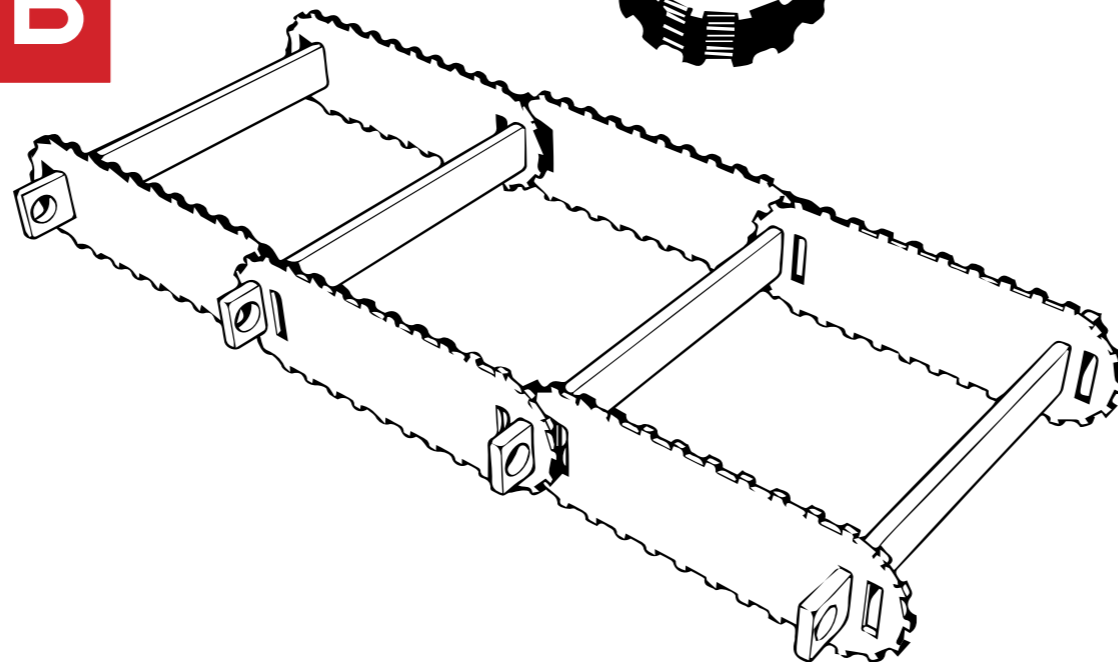
CONCEPT 1



A

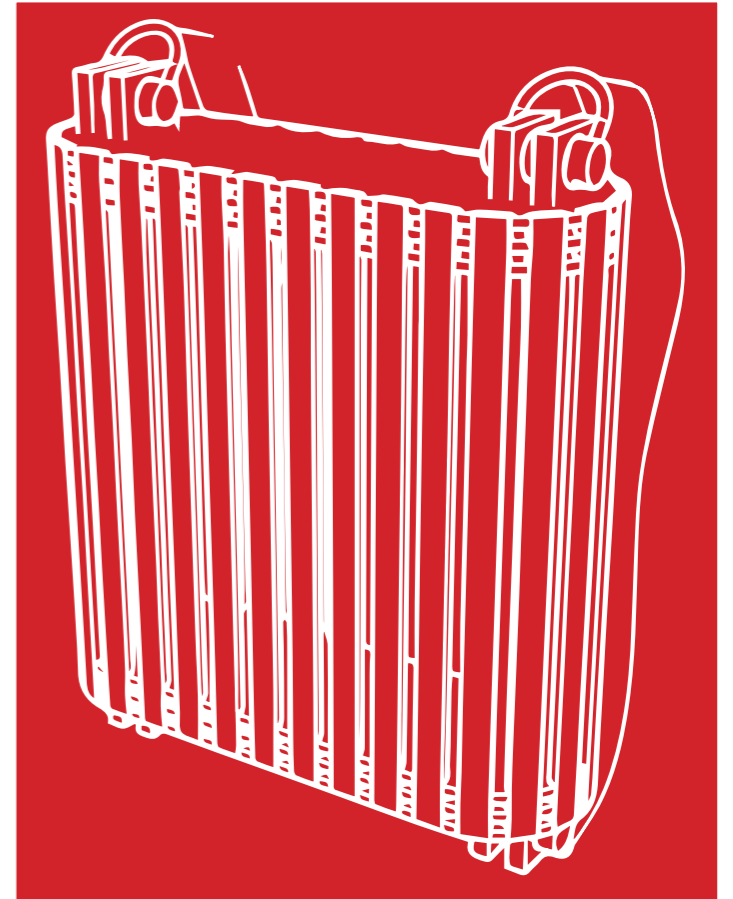


B



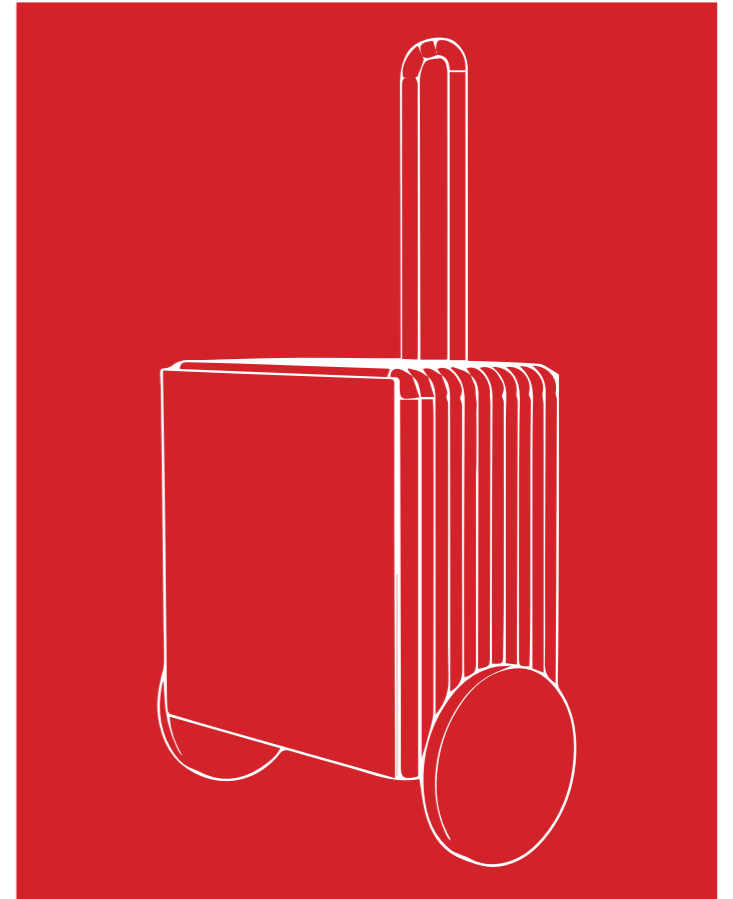
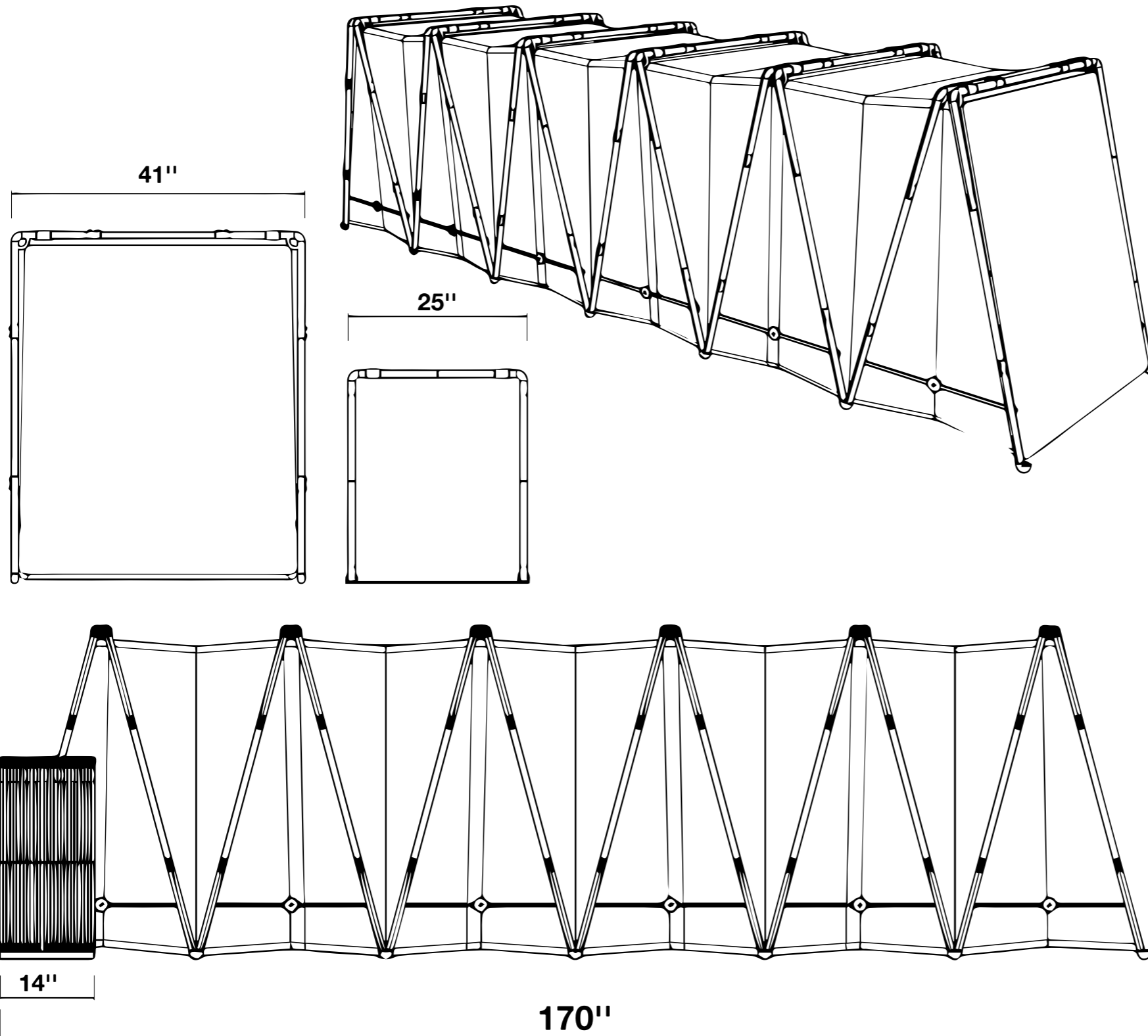
A. This is the bag when fully taken apart into its components.

B. These are the components fully assembled into the bed frame.



A compact, mobile bed platform that allows the user to get off the ground, away from a surface that absorbs body heat.

CONCEPT 2



A compact, expandable structured tent that allows for simple set up and take down with minimal parts. Small suitcase size.