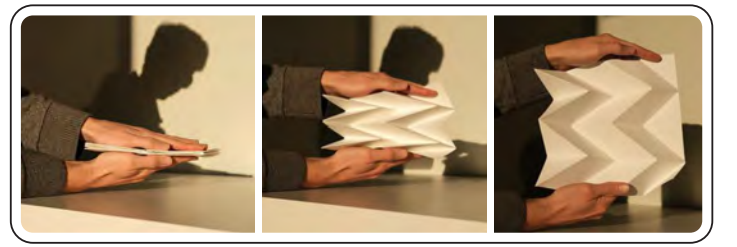
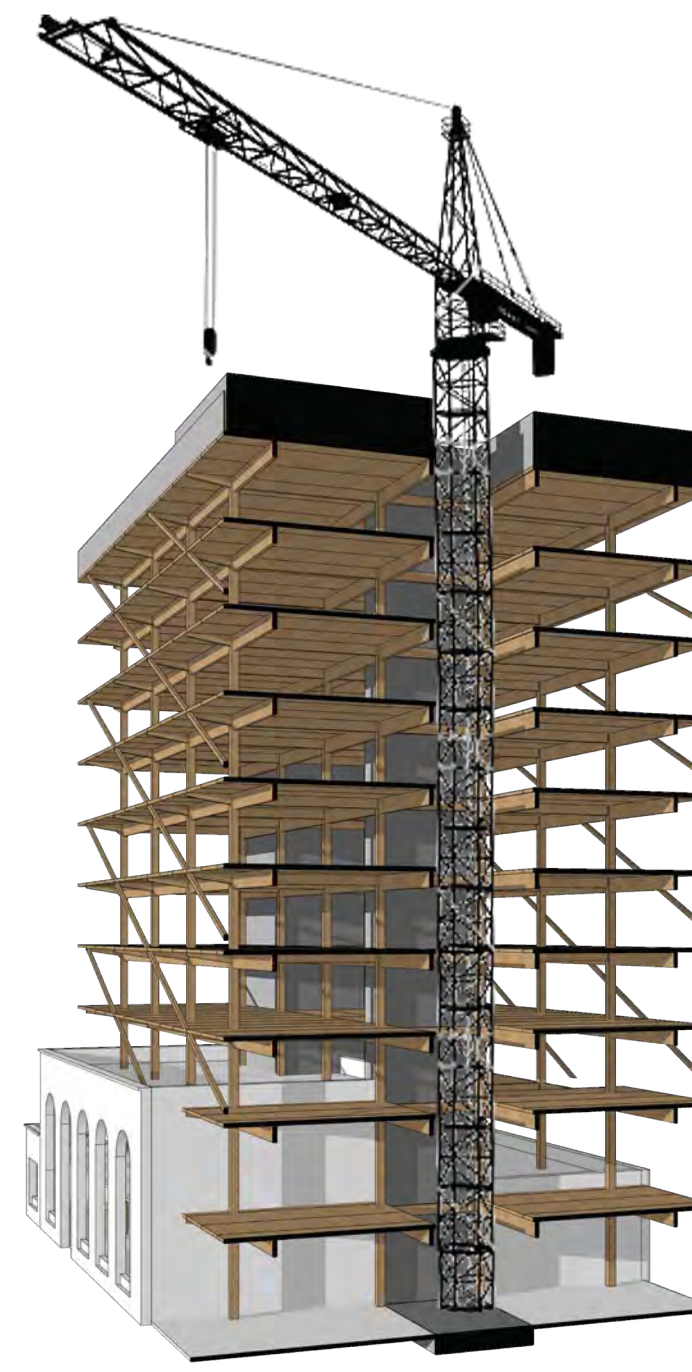


LIVING IN MOTION

Our lives are unpredictable and constantly changing. Shouldn't our homes follow us wherever we go?

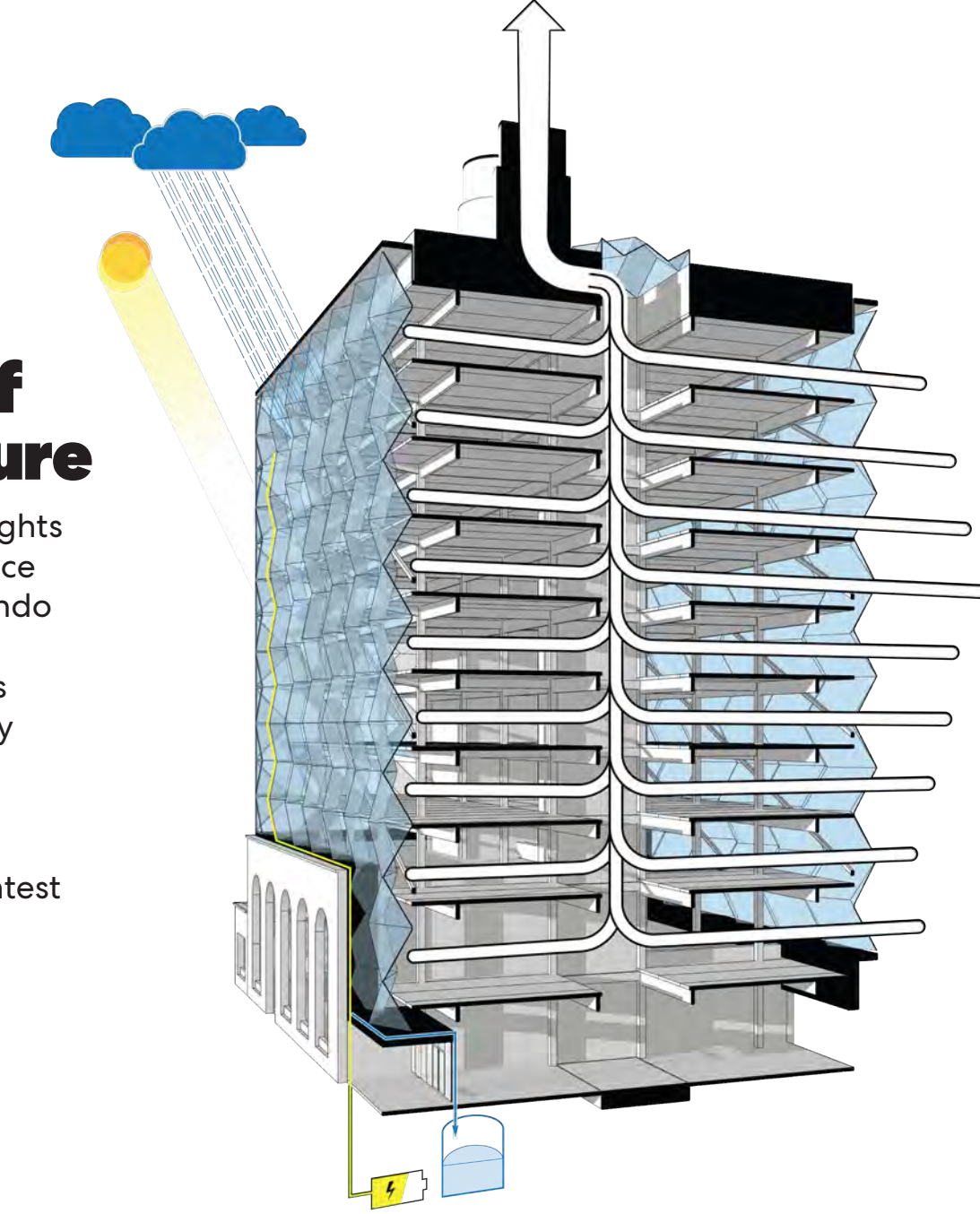


A study of origami folding demonstrates the potential for a flat-packed facade.



1 Future-Proof Superstructure

- 16'-0" floor-to-floor heights allow conversion to office space or traditional condo lofts in a second life.
- Mass timber sequesters carbon and its flexibility makes it resistant to earthquake damage.
- Central atrium enables crane access in the tightest urban sites.



2 Folding Skin

- Origami-inspired facade can be shipped flat to site, unfolded like an accordion, and expanded vertically in place for rapid installation.
- ETFE cushions (Ethylene tetrafluoroethylene) form the envelope. This lightweight, low-cost cladding requires minimal energy for transportation and installation, can be recycled, and has high heat and seismic performance.
- ETFE to be printed with photovoltaic film for energy capture.
- Folded ridges capture and funnel rainwater to cistern at base.
- Operable windows at the corners provide natural ventilation. Central atrium with fans utilizes stack effect.

3 Mobile Co-Living Pods

- Prefabricated, self-contained units are easily moved by autonomous pallet-jack robot.
- Central platform lift within atrium provides easy access to pods on each floor.
- Individual bedroom, bathroom, office, kitchen units allow for customization to meet needs.
- Shared amenities on select floors (lounge / dining spaces) provide co-living communal spaces.
- Exterior of pods are painted and customized to promote expression and ownership.



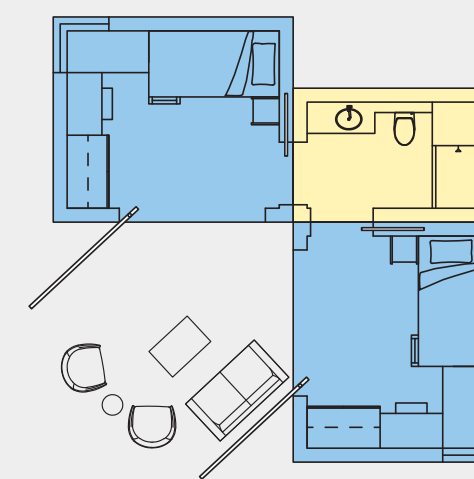
4 Activate Community

- Ground floor is flexible tenant space to promote entrepreneurship.
- Pod repair / upgrade shop located on ground floor provides jobs, especially as Pod communities expand to other areas.
- Marketplace at main entry allows tenants to sell handmade goods and fresh produce.
- On-site daycare gives flexibility to working families.
- Roof terrace and additional ground floor retail space can be rented for income to offset tenant costs.



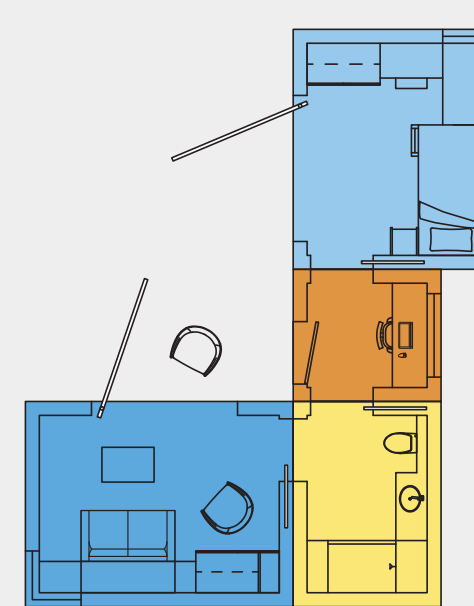
The Students

Grace, Stephanie, Jade and Jasmine share a double-bunked unit with semi-private lounge space. They all attend a local community college and work at the marketplaces downstairs in order to reduce student loans.



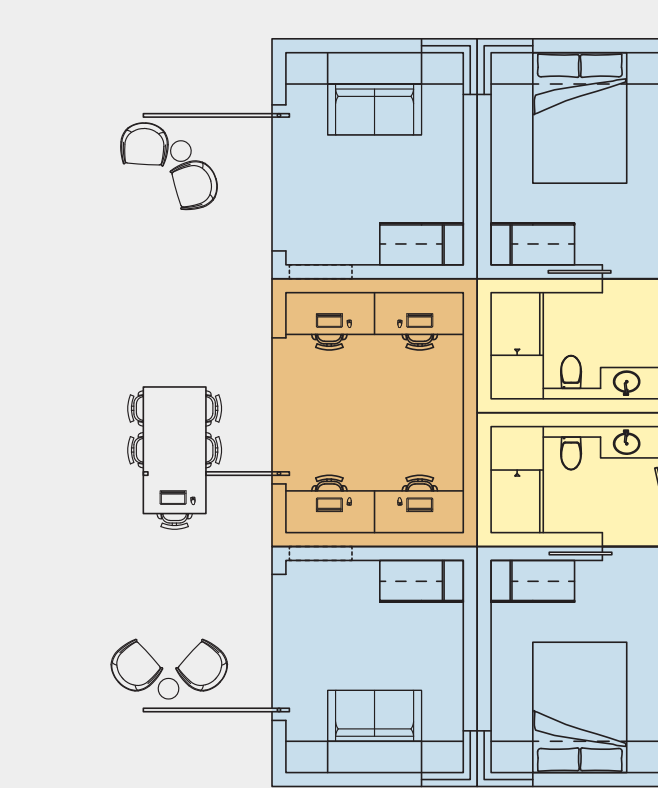
The Family

Muhammad and Ananya have two children and work in separate areas of the city. They use the on-site daycare facility, so their children are cared for. They have a private bathroom and integrated single office suite for focus work when home. The accessible layout helps Ananya access each room while in her wheelchair.



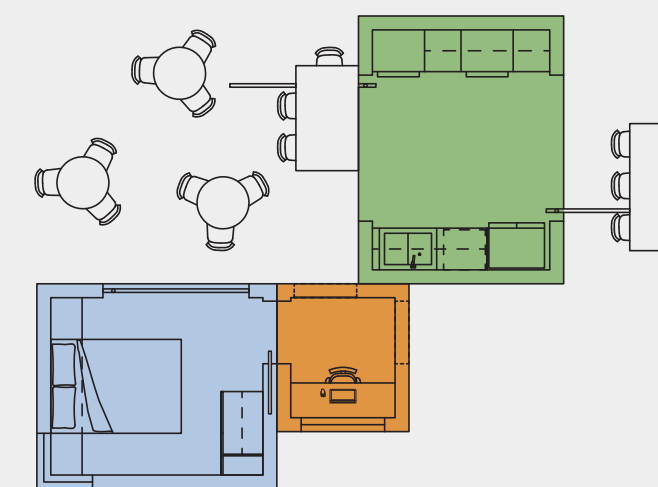
The Startup

Zhang, Li Min, Adam, and Rachel run a startup environmental nonprofit, and they feel a bit like a family. A shared office space and shared bathrooms allow them to stay collaborative, and individual sleeping pods provide privacy in the evenings.



The Chef

Paolo operates a farm-to-table Brazilian foodtruck in Los Angeles. He prepares his dishes in the comfort of his own community and rolls out his pod to the local farmer's market to sell hot and tasty Picanha. Upgrades include an attached office for finances, commercial-grade kitchen, micro-green roof garden utilizing kitchen greywater, and solar panels for power when at the market.



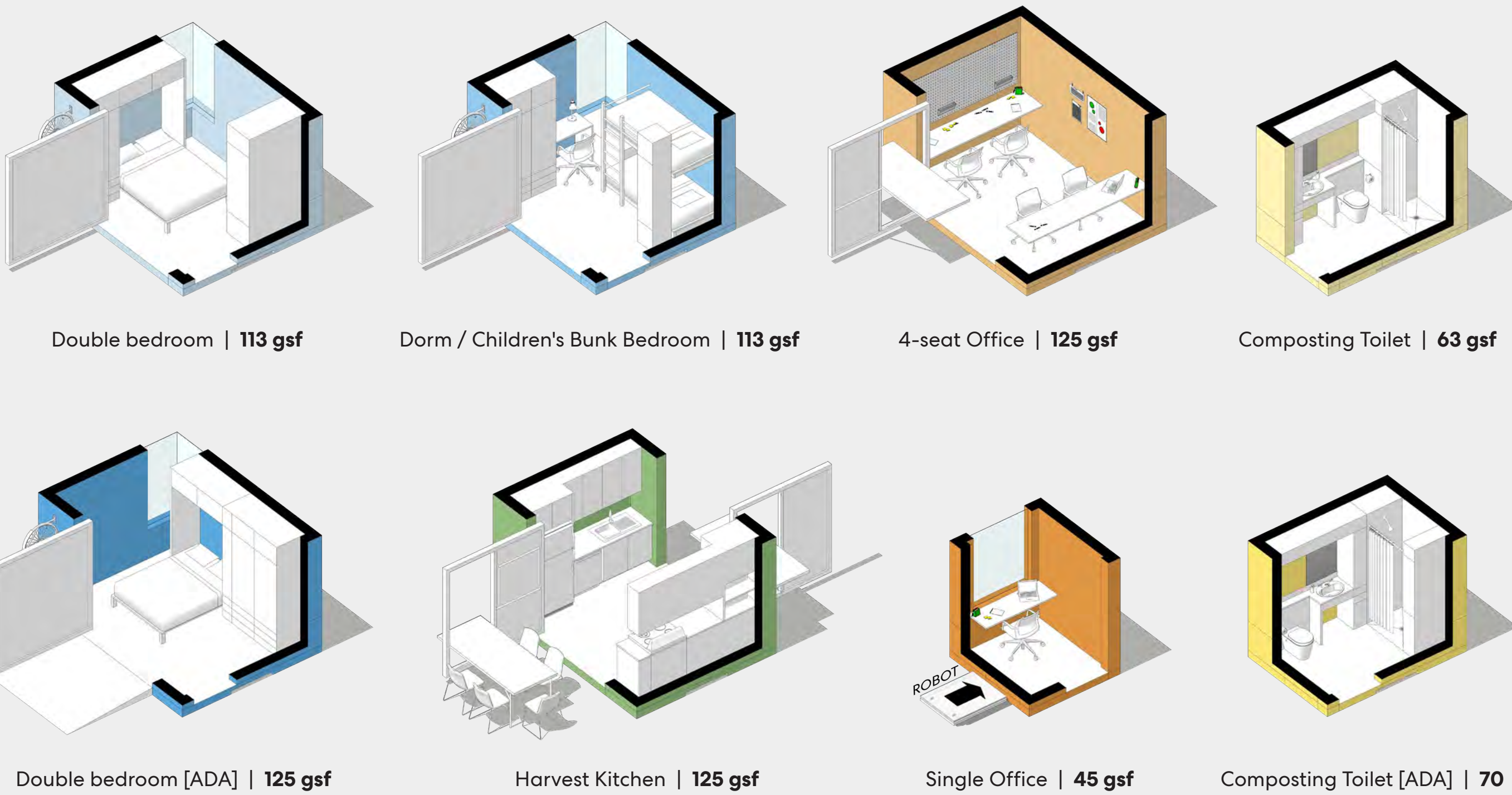
Sample Floor Plan 17,000 gsf

Bedroom pods: 34 Kitchen pods: 8
Office pods: 4 Bathroom pods: 10

- Highly efficient layout: 250 gsf/person
- Bike Storage: 1 space/unit
- Greywater management and storage in each kitchen and bathroom pod
- High-Efficiency fixtures throughout

Pod Types

Prefabricated and shipped to site, these pods utilize the efficiencies of mass production and economies of scale to reduce cost. Arriving on site pre-furnished and ready to be utilized, these pods are intended to "plug and play" within the larger ecosystem.

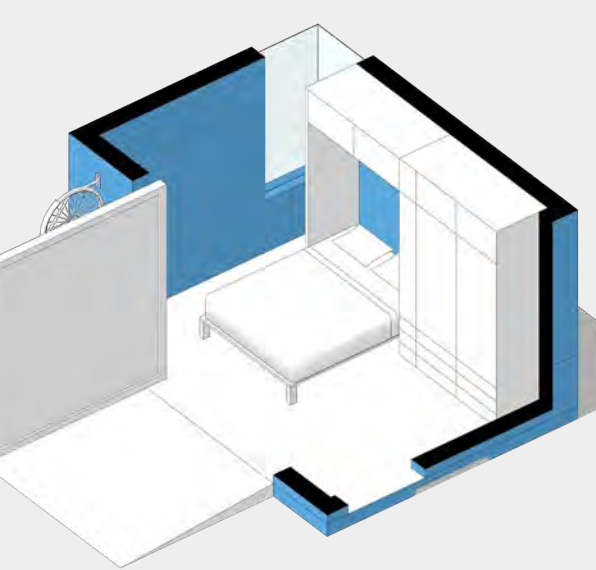


Double bedroom | 113 gsf

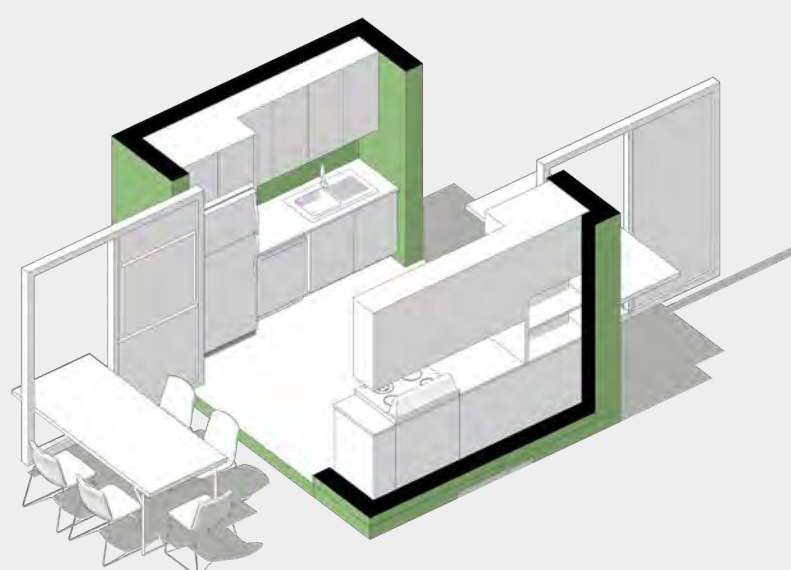
Dorm / Children's Bunk Bedroom | 113 gsf

4-seat Office | 125 gsf

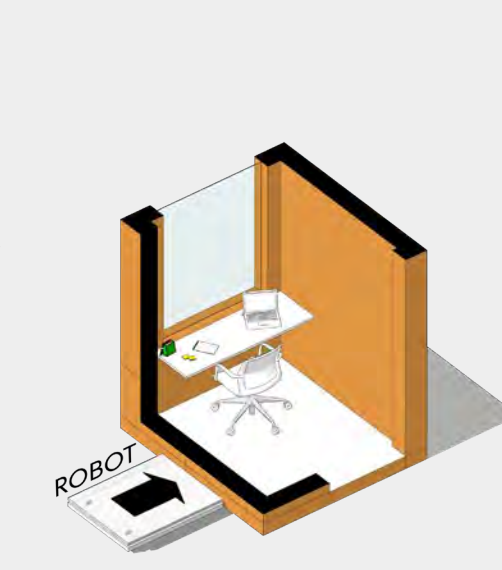
Composting Toilet | 63 gsf



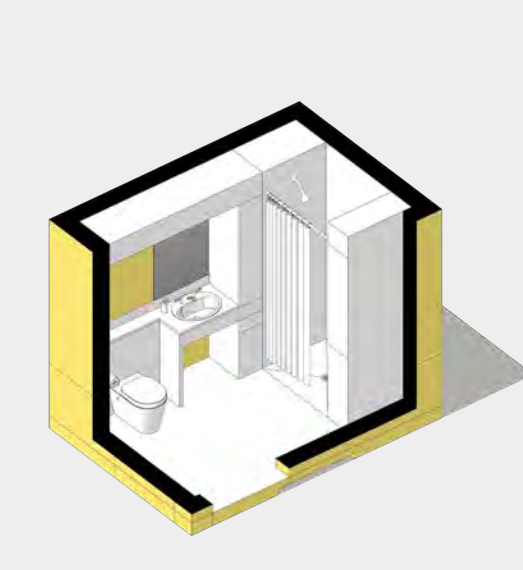
Double bedroom [ADA] | 125 gsf



Harvest Kitchen | 125 gsf



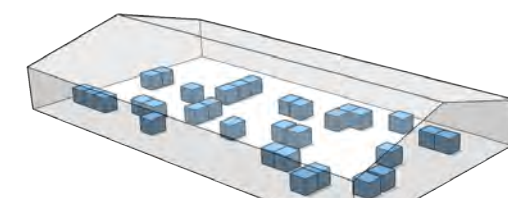
Single Office | 45 gsf



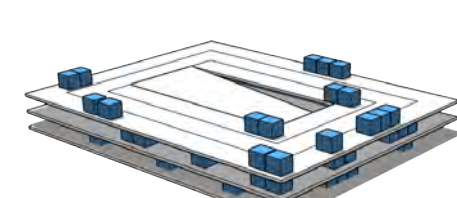
Composting Toilet [ADA] | 70 gsf

5 Adapt to Other Sites

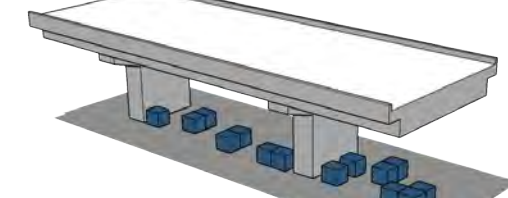
Living Pods can take advantage of underutilized city property to create temporary co-living villages. Pods can also be a successful housing solution for local transient and transitional housing needs.



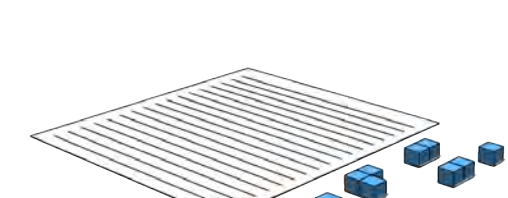
Abandoned warehouses can be used while awaiting redevelopment.



Parking decks can be used at night for pop-up communities rather than sit empty.



Infrastructure provides shelter to transitional housing for the homeless.



Provide temporary or transient housing, such as migrant farm work.

Living Design

- ④ Water and Site: 2
- ④ Energy and Atmosphere: 2
- ④ Health and Materials: 4
- ④ Resilience and Regeneration: 6
- ④ Creativity and Innovation: 1

Total: 15

