

# Outdoor Living Spaces of the sustainable low income home

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Documenting South America  
home activities:

A child doing her homework in the outdoor covered area adjacent to her home.

Concepcion, Paraguay



Outdoor stove used for cooking. Overhead cover protects from sun and rain.

Valle Sagrado, Peru



Water from creek which goes along the perimeter of the home used for washing clothes.

Valle Sagrado, Peru



Tents placed along the public walking path creates sense of organization.

Plaza Uruguay - Asuncion, Paraguay



Plaza Uruguay - Asuncion, Paraguay



Documenting South America  
outdoor spaces:

Open space connects the enclosed areas  
of the home.

Paraguay



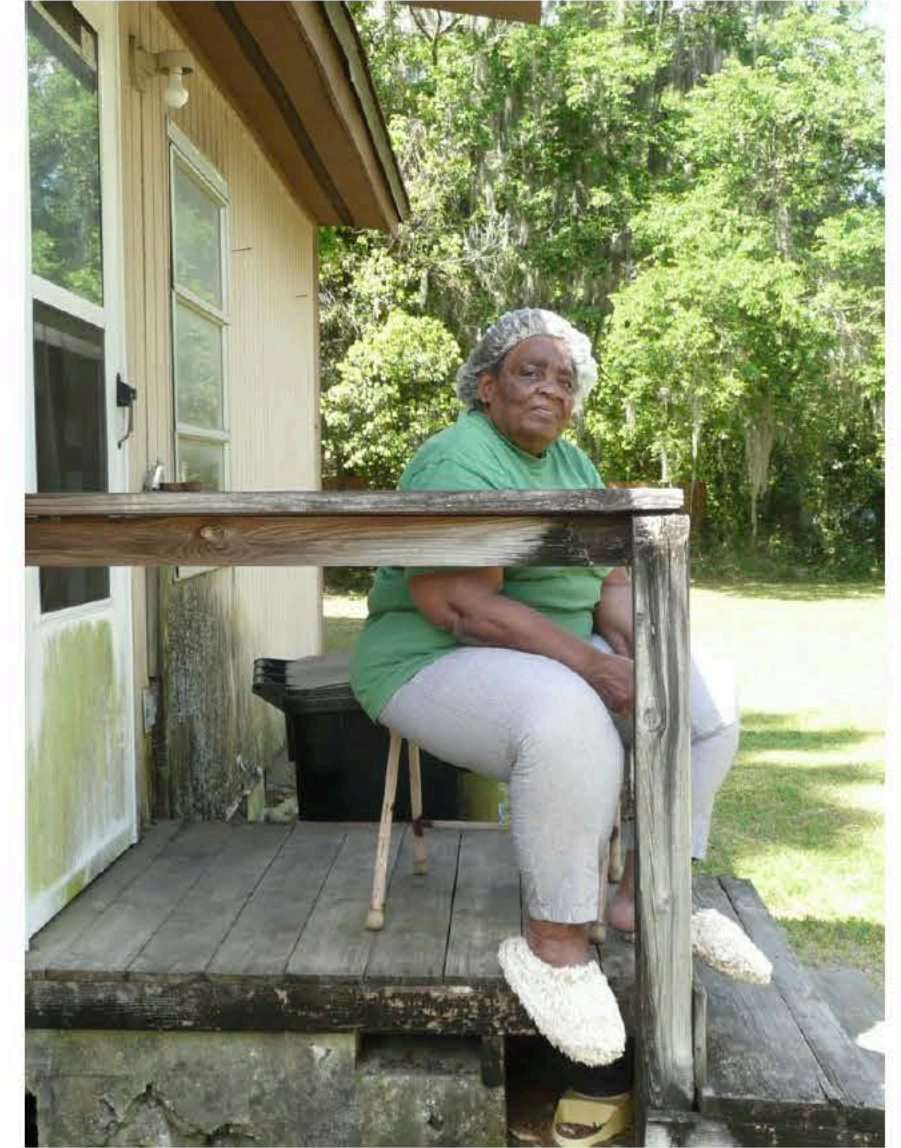


Outdoor kitchen. Space used for basic preparation of food. Space connects to other outdoor areas of the home.

Concepcion, Paraguay



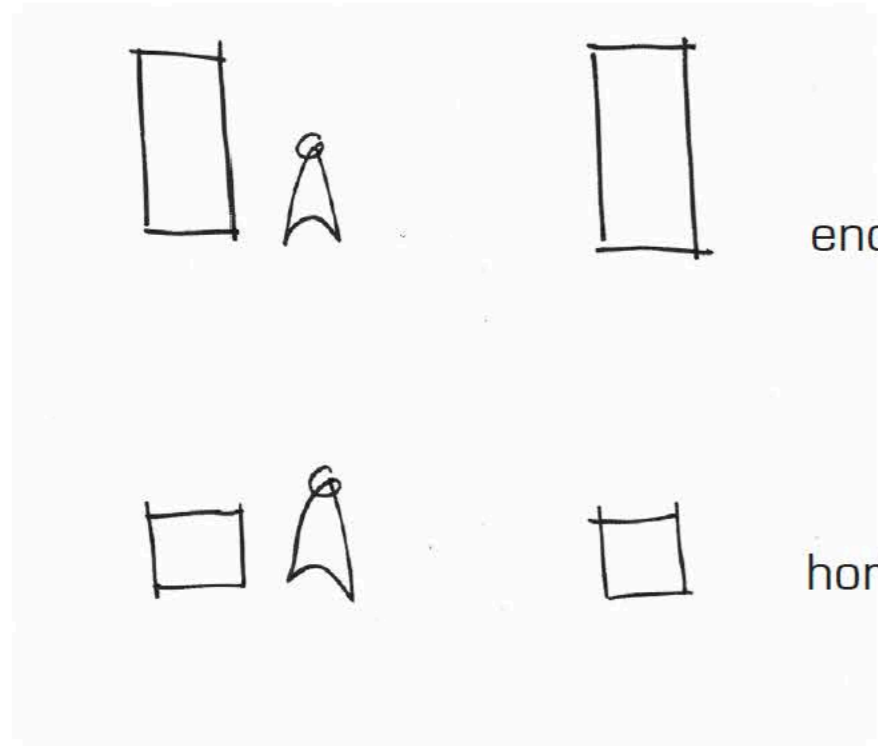
Woman makes use of minimal shaded outdoor area of her home.





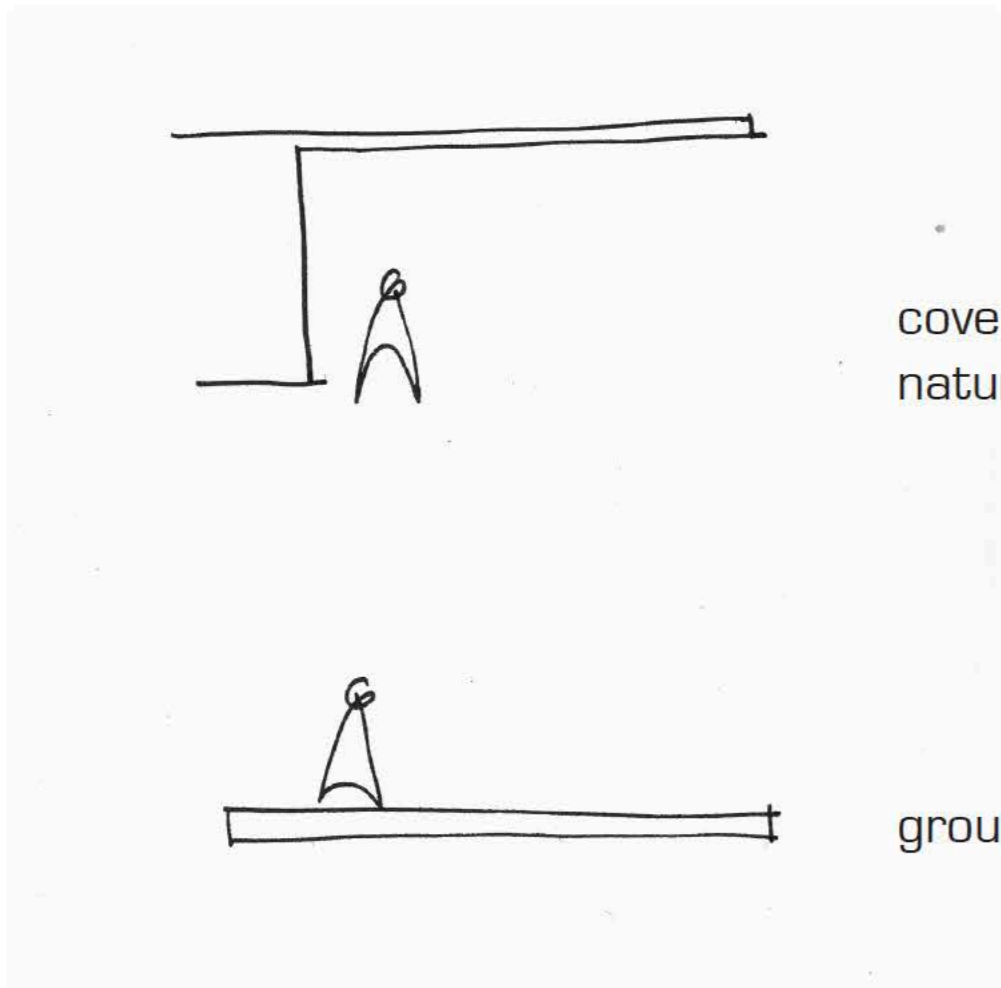
outdoor comfort:

# analytical considerations:



enclosure

horizontal boundaries

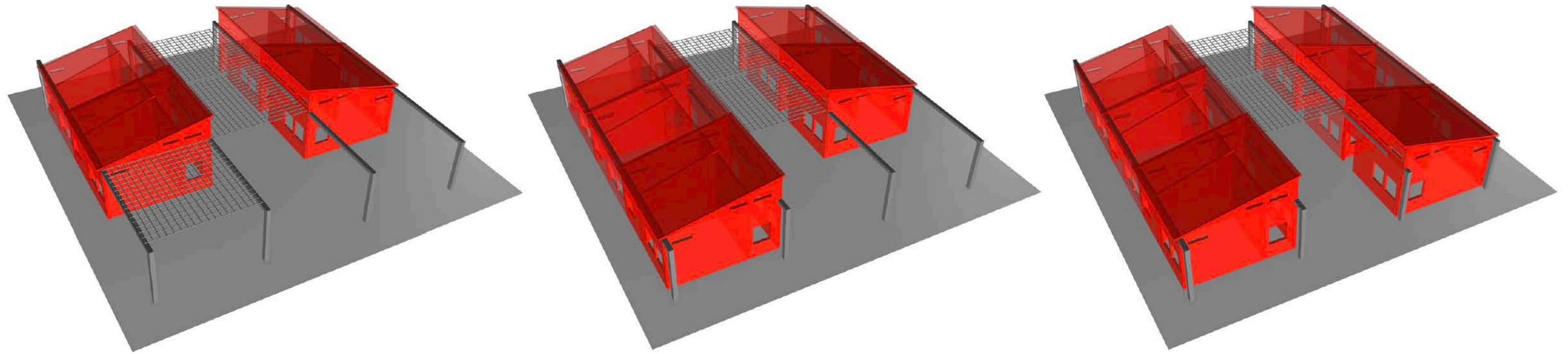


cover to protect from natural elements

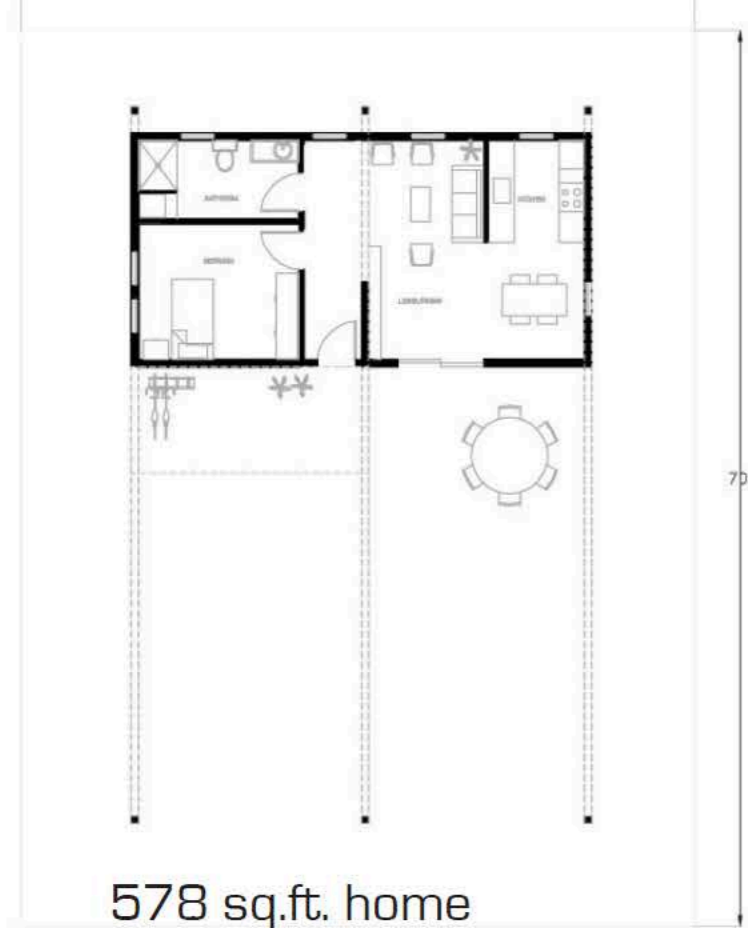
ground condition

Outdoor desirable qualities:

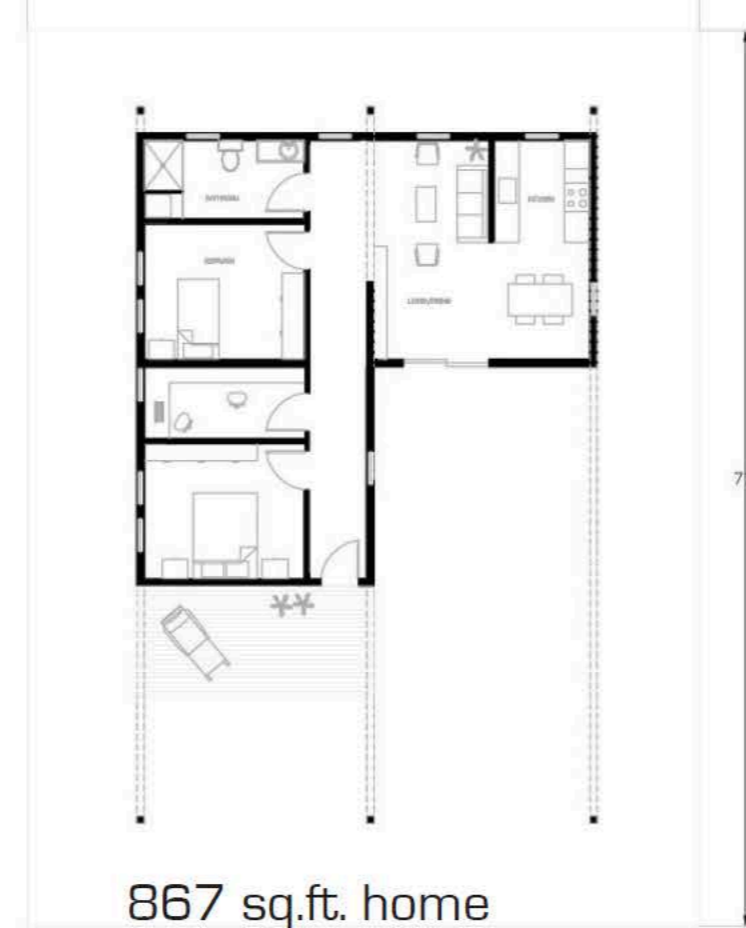
- shaded area
- area protected from rain
- children's play area
- vegetable garden
- herb garden
- deck/terrace
- outdoor lighting
- hard surface area
- space for car parking
- work space
- storage space
- grill
- dog pen
- lawn area suitable for seating and playing



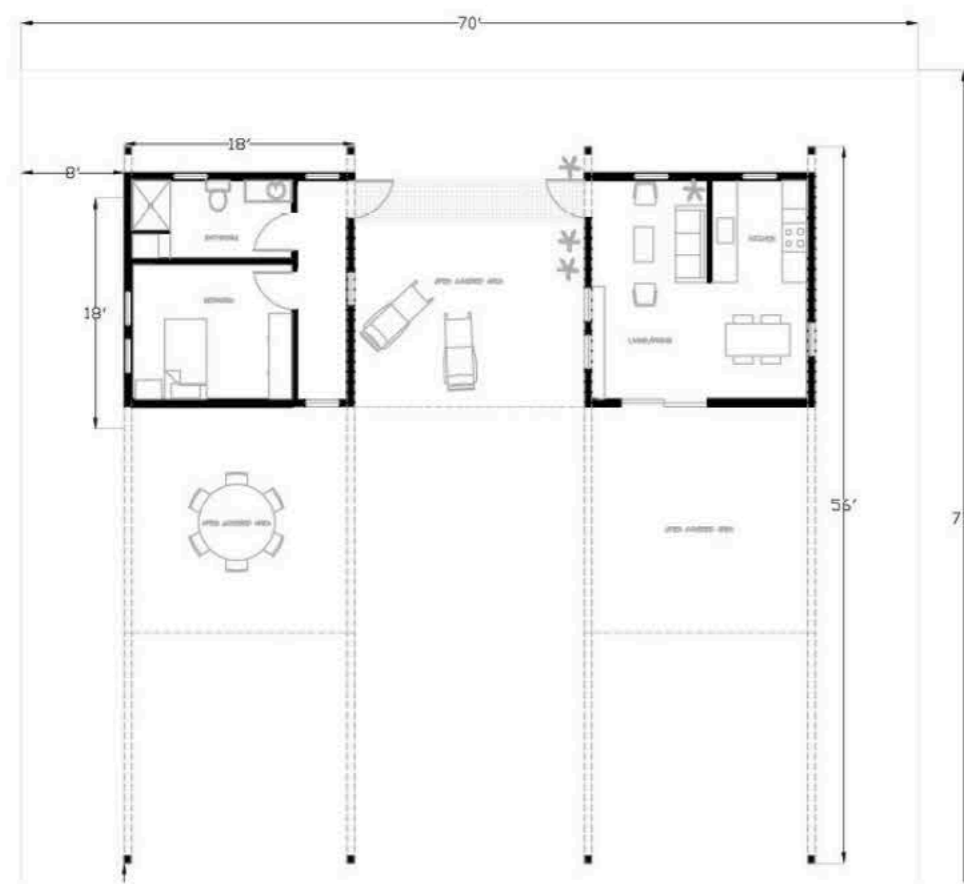
Home modules can be added or removed depending on family size and growth. This allows for a more efficient use of space.



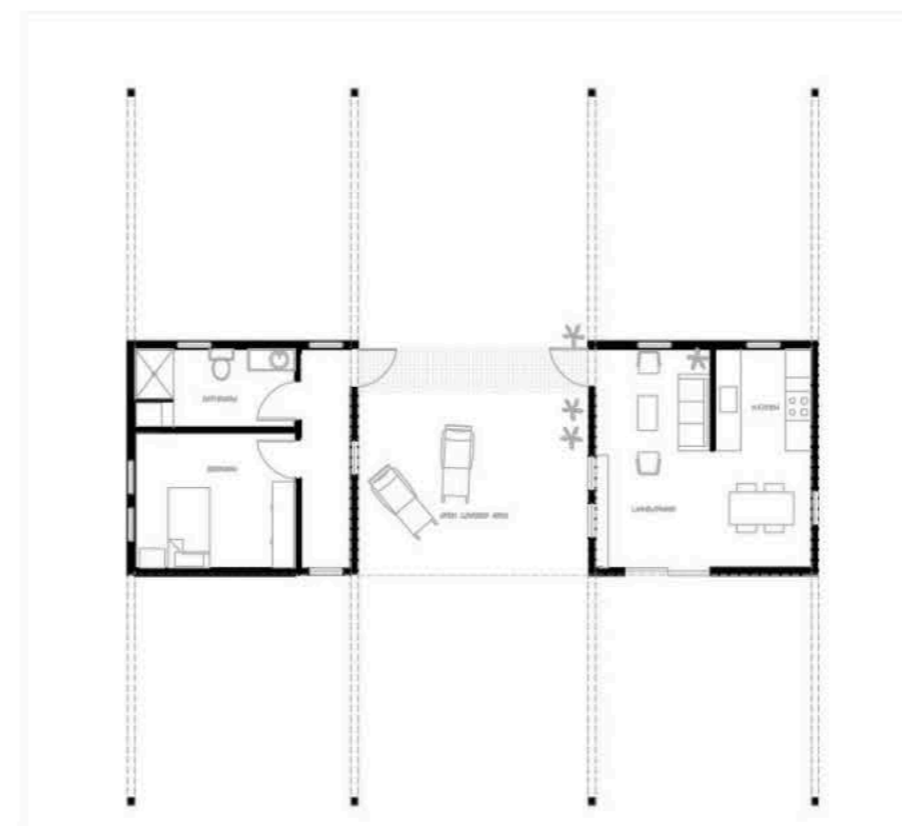
578 sq.ft. home  
1156 sq.ft outdoor space



867 sq.ft. home  
867 sq.ft outdoor space



578 sq.ft. home  
2023 sq.ft outdoor space

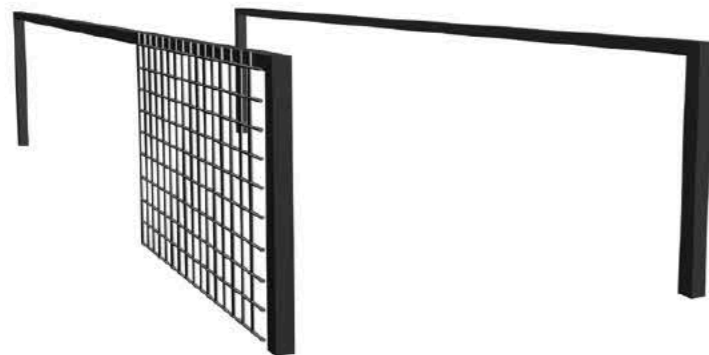


578 sq.ft. home  
2023 sq.ft outdoor space



578 sq.ft. home  
2023 sq.ft outdoor space

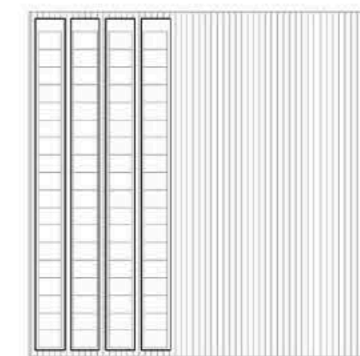
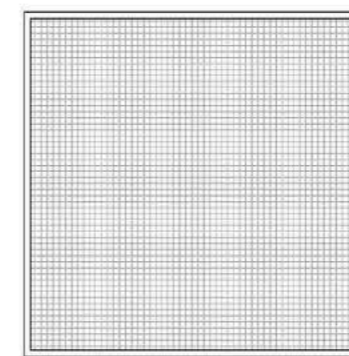
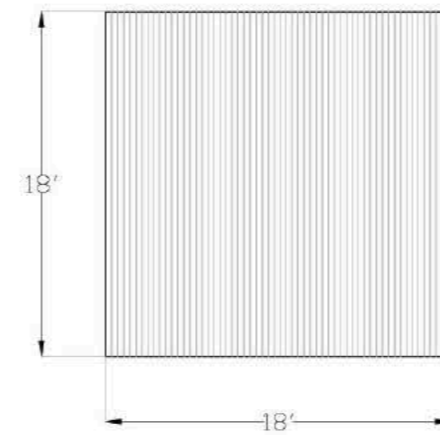
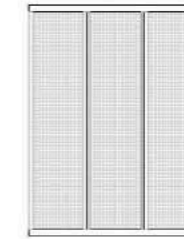
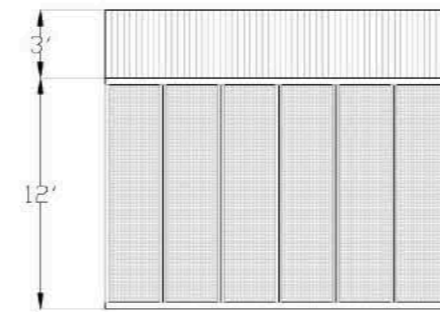
Canopy used as shading wall.



# catalogue of parts:

Prefabricated panels allow for more efficient construction of homes.

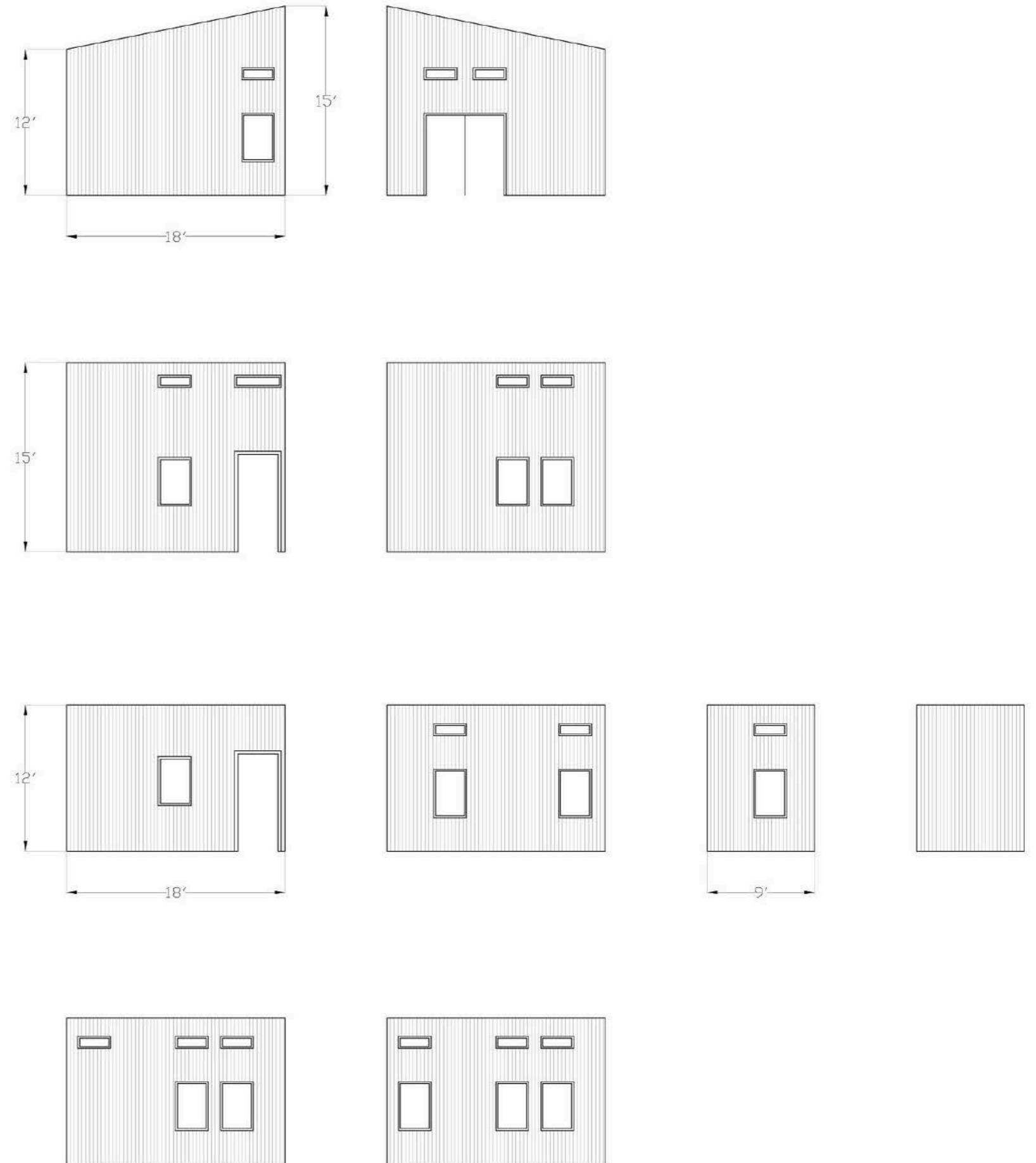
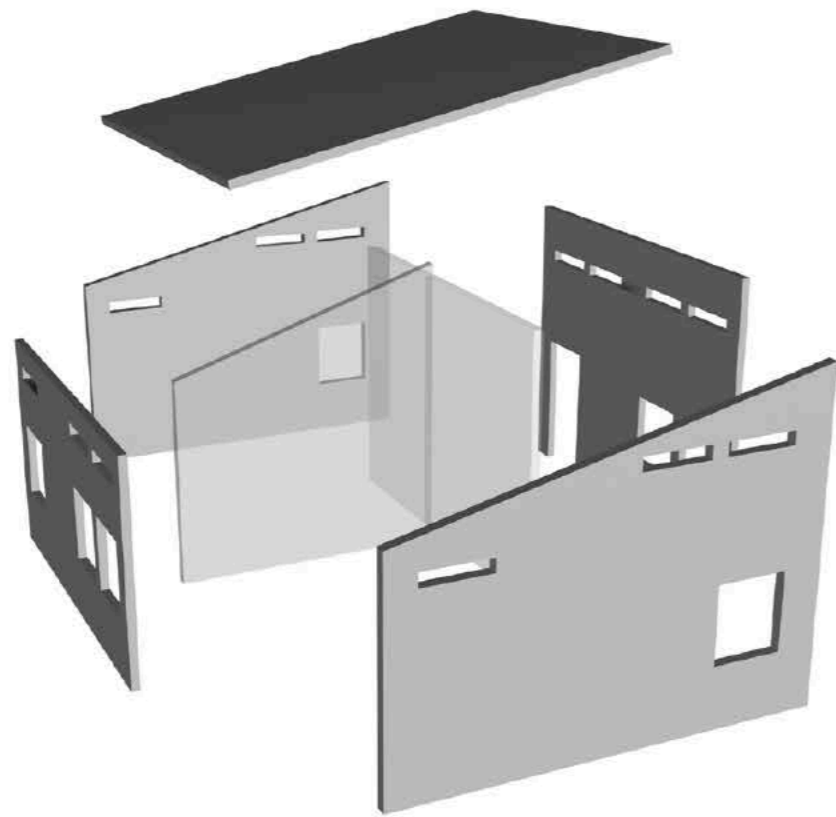
screens and canopy options.



solid

trellis

combination solid/  
photovoltaic panels



Manually operable windows at top of panels allow for warm air to exit the home. Also, in combination with windows, they allow for cross ventilation within the home.