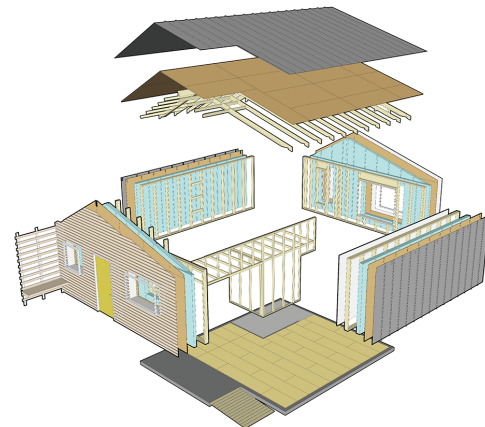


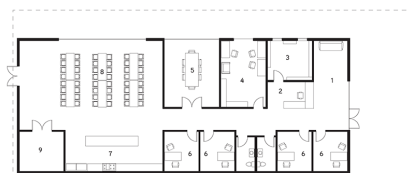
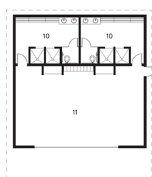
This urban microhousing community is a mix of smaller single occupant and larger family units which aims to create a cohesive community that provides a place of safety and restoration for homeless veterans. Organizing the project around interior courtyards breaks down the larger community into smaller, more manageable, and accountable circles.

From more social outward facing to more quiet, inward facing units, the layout of the site intends to allow for a range of individual personalities. Larger open spaces made for a variety of activities allows the residents to adapt their community as they see fit.

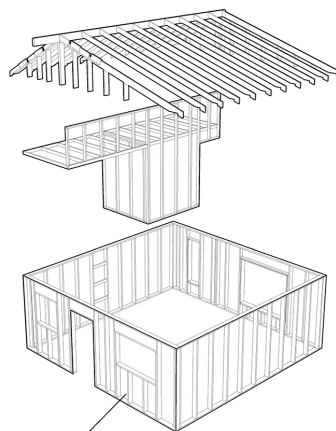
46 Total Units | 33 single occupant - 400 sqft | 13 family - 600 sqft



## Durham Microhousing | Ross Davidson



- 1- lobby
- 2- security
- 3- mail
- 4- laundry
- 5- meeting
- 6- office
- 7- kitchen
- 8- dining
- 9- storage
- 10- locker room
- 11- gym



advanced framing  
uses less lumber and allows  
for higher R-value than  
conventional framing

maximizing permeable surfaces  
across the site helps mitigate  
the community's impact on  
natural groundwater recharge

biowalls capture  
runoff and remove  
debris or pollution  
before it enters the  
stormwater system

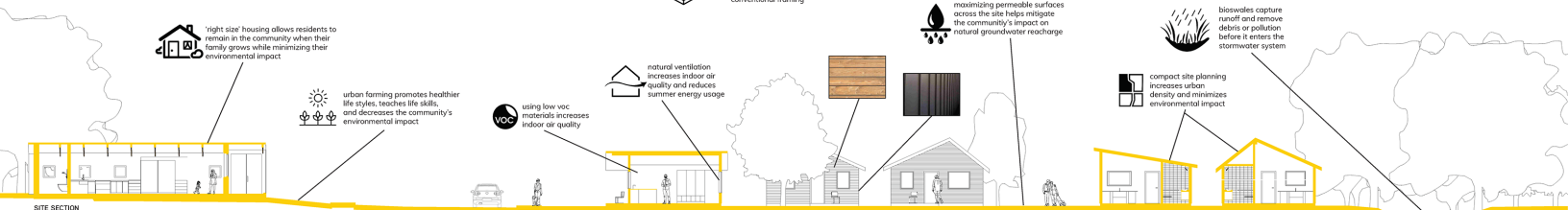
compact site planning  
increases urban  
density and minimizes  
environmental impact

natural ventilation  
increases indoor air  
quality and reduces  
summer energy usage

using low voc  
materials increases  
indoor air quality

urban farming promotes healthier  
life styles, teaches life skills,  
and decreases the community's  
environmental impact

'right size' housing allows residents to  
remain in the community when their  
family grows while maintaining their  
environmental impact



## MICROHOUSING FOR HOMELESS + DISABLED VETERANS

NC State College of Design, School of Architecture | NC Coalition to End Homelessness