

Micro Community | Durham | Nicole Simeonsson



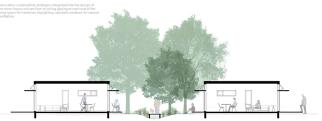
MICROHOUSING FOR HOMELESS + DISABLED VETERANSNC State College of Design, School of Architecture | NC Coalition to End Homelessness



Sustainability Strategies

The gathering space between the micro-house units serves not only as a functional space for the use of residents; it also serves as storm water misglation. The packets of the dwellings are connected to the paved gathering spaces by wooden decks that go obove natural

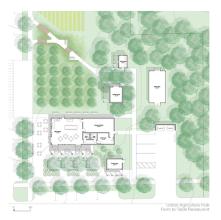
All the paving, additionally, is permeable to maximize inhitrotithe site and prevent storm water from rushing off the site.



Sustainability Strategies Section through Micro-Houses

Urban Agricultural Hub

The Urban Agricultural Hub contains a field for growing crops, an archard, a green house and a chicken coop. All produce and products honvested on site supply the Form to Table Restaurant and small produce stands that hold the street edge of Angier Avenue. There is indoor and outdoor section, There is an outdoor storage building stuated amidst the outbuildings that serve to reaular the forming operations.



Window + Door Modules

There are three sizes of glazing on all the micro-houses. The large storefort with integral door cape both ends of the Ising space valume. The horizontal window is used above the dining space, and in the bathroom, to diflow more privacy with still permitting daylight, and fresh of through an aperable panel. The vertical window is used in the Inving space and in the bedoom to allow views to the green spaces costable, daylighting and natural verification through









Materials + Construction

The minor-hoots with our constructed by a site to grade concrete foundation, and wood familiar. The floor inside is expose sected concrete. The walls or insulated for energy efficiency, and for counts. The woll so insulated for energy efficiency, and for sounds. The two laws gapon volumes is dad in metal posed which counts are supported by the count of application of the count of a position of a cross screen, and is distanced to furthing with no on or gap between the oddingt and grade you could be sufficient for the count of a position of the count of a position of the count of a position of the count of