

# 2018 Innovation in Affordable Housing Student Design & Planning Competition

## Second Place Winner

University of Colorado

## Team Members

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## HUD Innovation in Affordable Housing

student design & planning competition

2018

## Project Overview

The UCD team stated that they were inspired by an allied living concept, with a focus on connectivity, wellness, inclusivity, and experience. Their approach strives to create a sense of place and improve the way we embrace low income, elder and disabled communities, including drawing upon partnerships with existing, multi-modal transportation. The team proposes public spaces, a dog park, and outdoor activity areas, adding that the availability of public amenities would draw in residents from the surrounding neighborhoods.

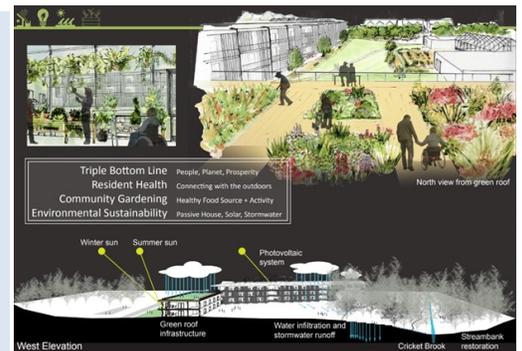
Sustainable design and building practices include designing and building to Passive House principles, natural daylighting, building orientation, and solar PV on east and west wings. As part of the Soak Up the Rain NH initiative, rain barrels will be provided, and there is a green roof above the entry building and raingarden for stormwater filtration.

The team proposes three construction phases: first, next to the existing apartments; second the 100% ADA units; and, last, the 40% ADA units.



**Site:** The team uses typography to vary the site plan and seeks to partner with the city to adjust density. Spaces are provided to be used by nonprofits. Bus use is incentivized with the addition of a transit hub and bus shelter, bike share, an other shared use mobility options, all of which will reduce isolation.

**Community:** The team stressed the important connection to nature and outdoors, including embracing the four seasons with trees, trails, outdoor garden area, and greenhouse with raised beds where the residents can grow food, noting that for some, gardening is not just a past time, it can provide needed access to fresh produce.



**Inclusivity:** The design incorporates a linked building approach for all four seasons. The hallways incorporate nodes, which create loose gathering areas, and there are larger, reflective spaces at the ends of the buildings' wings. Construction employs a modular approach and prefabricated units, which are interchangeable. The models and unit types have balconies in or out, with bedrooms facing in or out.

