2022 Innovation in Affordable Housing Student Design & Planning Competition

First Place Winner

University of Maryland

Team Members

Danielle Abe | Fadi Alajati | Maria Fernanda Farieta | Samuel McCormally Donald Nuzzio

Project Overview

The University of Maryland team presented their winning proposal called, "Rise of Pines" during HUD's 9th Annual Innovation in Affordable Housing Student Design and Planning Competition. The team's design addresses the need for a true mixeduse, mixed-income community in the heart of Atlanta, GA, in a neighborhood that is rapidly gentrifying and losing its supply of affordable housing.

Aligning with existing plans and regulations which aim to create a dense urban texture in Atlanta's Historic Fourth Ward, Rise of Pines proposes 1,394 residential units across seven structures; three cross-laminated timber high-rise buildings, and four wood-frame mid-rises.

Rise of Pines proposes housing options for low and very-low income households, recently homeless people, seniors, and working families in an amenity-rich environment with abundant open spaces.

The competition jurors praised the team for their focus on construction and design. The University of Maryland team was also commended for their utilization of the topography of the site and for innovative methods of construction, financing, and organization.





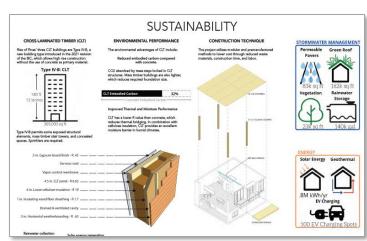
Site: The central design feature of Rise of Pines is the integration of Atlanta's existing Exhibition Hall into the site. The northern half of the Exhibition Hall is demolished at an existing expansion joint. The roof of the Exhibition Hall is reimagined as a one-acre park connected to the Civic Center Plaza by a terraced network of water, plants, stairs, and wheelchair-accessible ramps.

HUD Innovation in

Affordable Housing student design & planning competition

Financial: The project relies on funding from state and federal 4% and 9% Low-Income Housing Tax Credits (LIHTC). It will be competitive for 9% LIHTCs due to its amenities, transitaccessibility, and wide range of services for disabled and elderly residents, and it is eligible for a 30% basis boost due to its location in a Qualified Census Tract, Difficult Development Area, and New Market Tax Credit area.





Sustainability: The Rise of Pines structures are designed to be compatible with the EarthCraft program for multi-family homes, and the site could be certified Platinum under the LEED for Neighborhood Design v4 guidelines. Solar panels and geothermal heat pumps, supported by tax credits, would reduce the project's carbon footprint.