

We are Limestone City Co-Operative Housing Inc. (LCCH) - a non-profit, non-share, housing co-operative that integrates vertical farming, common areas, and an abundance of green space, to give our members opportunities to join in on common causes like nutritious food production, community building, and self-governance. Together, we will advance human physical, financial, and psychological flourishing while fighting seven crises in one project: the 1) housing supply crisis, 2) housing affordability crisis, 3) food security crisis, 4) access to nutritious food crisis, 5) epidemic of loneliness and isolation, 6) climate crisis, and 7) energy crunch crisis coming to North America. – all while lowering the cost of living, providing a lifestyle within the bounds that nature allows and delivering crucial opportunities for contact with nature and community.



Our project will provide 248 families with housing, food, low utilities, and supportive community. Our class D estimates put our expected price points at about 65% of mean market rates in Kingston for 4 classes of accommodations (studios, one, two, and three-bedroom units).

Together, we will combat climate change with a nearly self-sufficient building that maximizes green technology including on site energy production. This includes a geo-thermal system, EV car share program, and solar PV cladding of the entire building that look like wood, stone and even transparent glass. Rainwater will be collected to water the vertical farm and serve as many non-potable water uses as possible. Additionally, we will be minimizing food transportation by growing food right in the building where most of it will be consumed. The HVAC's integration of the vertical farm and the living space will allow us to repurposing heat and air as needed within the building's components thus lowering energy costs and our environmental footprint.

We will improve food security by providing a large vertical farm to feed the members of the co-op and with surpluses made available to the community. We estimate production of 1500 meals per day every day. Staggered harvesting will allow the food consumed to have been harvested

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on the day or the day before consumption. We will improve food sovereignty by allowing for members to choose their preferred food growing plants thus lowering the cost of nutritious food in member's budgets and allowing for a diversity of food options.

As a co-operative community we will also be able to reduce loneliness and isolation by giving a common cause and member support that results in tangible benefits to the individual member, the co-op community, and the larger Kingston community through connections that enhance the opportunities for human self-actualization.

The building's design integrates crucial therapeutic contact with nature. The building was designed based on the biophilic hypothesis that we as a species have evolved to have an innate desire for certain identifiable elements in our home environment that promote a sense of home, peace, and safety. Hence the prevalence of greenery, earth tones, curves, and open spaces.

LCCH was created to address the growing and pressing need for more housing in Kingston. LCCH will offer a unique option for housing – one where community-minded people of good will from all walks-of-life for whom home ownership may be out of reach, but who long for control and input over their living situation, can find a home.

We view this building as the first of many. We believe that this vision will transform how society thinks about housing, food production, and climate change solutions. Please consider joining us as we work to bring this project to life.



Please visit our web site for more information or consider attending one of our board meetings and/or joining our movement and help build our co-operative community.

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Co-operative Housing • Food Security • Climate Leadership