The Conceptual Premise: In the 1960s, TV's intergenerational family of the "Beverly Hillbillies" moved in together under one roof, propelled by the allure of highly valued land. In the 1980s, "Urbanite Living" represented in different architectural concepts of fragility and sustainability, with flag and the power lying across the street from one another. 1200 years later, "BE Clean" takes on a different approach to sustainability, housing suburban and productive communities. This seemingly disparate situation merges into one aspiration for the project: a response that is framed by unique constraints and balancing two social mandates.

Our 27 unit proposal (19 primary units, 8 accessory units) involves building on Parcel A. Parcel A has evolved into a core site for future development where a diverse and productive community can live and work. The primary units are factored differently by the developer. Additionally, we show total costs for the project, including a 10% general contractor fee and markup and 10% project contingency. These two items account for $475,000 of the cost estimate below, and likely could be supported by senior housing residents and interested members of the larger community. We estimate that the project's annual energy consumption. "Windspires" are elegantly designed, slow-moving, nearly silent, and relatively low maintenance. The turbines can be placed on the roofs of the primary units and parking.

Water is captured and diverted into cisterns under the foot of the Olive Tree Farm and other landscaping features. Parking drives. This rainwater can be used to irrigate the olive tree farm and other landscaping features. By doing so, they can complete either the one bdrm studio or the one bdrm accessory unit. Vertically, accessory units can act as a detached primary unit, allowing for maximum flexibility in how the space is used. The Olive Tree Farm, which is tied and in collaboration with public utilities in exchange for lower kWh rates. The farm produces 1,250 sacks of olive oil per year, which can potentially sell for up to $80,000 annually.

The project could utilize structurally insulated panels made from renewable materials (Agriboard is one such product). SIPs can be panelized off site and quickly assembled, reducing construction time. They also possess higher R-values than conventionally framed exterior walls and are well suited to one and two story construction. The SIPs could be the core of a copper panel roof system to maximize the efficiency of the building envelope. Larger panels with wrap will be a subtle, high-impact, rainwater management and acceptable unit will be covered in a windbreak made from native materials that can be turned to partner "living gardens" and aidMicrobreweries. Energy-efficient systems such as radiant flooring and secondary, supplemental high efficiency heat pumps will combine interior spaces, along with well considered passive ventilation of the units. Additionally, the project could take advantage of emerging affordable and highly efficient lighting systems using LED and compact florescent lighting package.

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Site Generators:
- Microbreweries
- Olive Oil Mill
- Windspires
- Solar panels

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