

1.1 PROJECT INTRODUCTION

PROJECT SUMMARY

Harvest Village, in Oxford, Ohio, is a Net-Zero energy ecological community located adjacent to the former Maude Marshall elementary school which has been redeveloped into the new **Sowing Seeds Academy proposed by Team Red Hot Chile B's of Miami University**. The master plan for our project envisions a synergistic relationship between the housing and the school as an **integrative and holistic** experience for students, faculty and residents alike. This unique connection will be strengthened by an **innovative pollinator prairie**, planted with a diverse mix of native flowers and grasses, enriching the greater ecosystem of the surrounding community by inviting the appearance of native birds, a bee population essential to food production, and a dynamic butterfly habitat. This also provides a unique opportunity for outdoor education and passive enjoyment with walking trails and informational signage that extend to connect the school to the Harvest Village community. Our project works to build off of recent efforts to make Oxford a Pollinator City, which is being developed by students in the Department of Architecture and the Institute for Environment and Sustainability at Miami University.

Our attached housing community also aspires to be energy efficient, reduce embodied carbon and promote effective and efficient water use. We have designed a variety of housing sizes to encourage a *diverse mix of community members interested in experiencing engaged community living in a regenerative landscape environment.*

PROJECT DATA

- **Location:** 3260 Oxford Millville Rd, Oxford, OH 45056
- **County:** Butler
- **Development Details:** Community housing development of 1, 2 and 3 bedroom attached homes
- **Total Number of Units:** 108
- **Unit Sizes (Leaseable SF):**
 - 1-Bedroom (12): 722 SF
 - 1-Bedroom Accessible (12): 839 SF
 - 2-Bedroom (60): 1,632 SF
 - 2-Bedroom Accessible (12): 1,394 SF
 - 3-Bedroom (12): 1,726 SF
- **Maximum Density:** 12 units/acre
- **Proposed Density:** 4.7 units/acre
- In order to think progressively about the future of rural development, with significantly less cars and more sustainable modes of transportation, **parking** for Harvest Village is uniquely limited. The total parking hardscape area is designed to accommodate approximately 1 car per unit, drastically minimizing the impact hardscape surfaces have on the natural landscape. Parking space minimization is supplemented by a community-wide rideshare initiative, integrated with a Community App, and a proposed Butler County Regional Transit Authority (BCRTA) bus stop along US-27.
- The adjacent **Sowing Seeds Academy**, at approximately 59,000 SF, is an innovative elementary dedicated to a progressive ecological agenda with integrated sustainable curriculum.



Figure 1: Community Masterplan