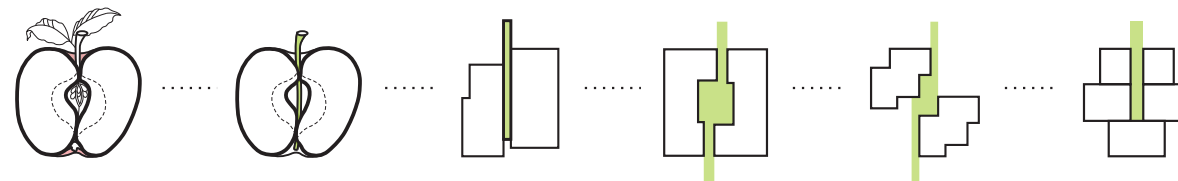


COLLEEN O'MALLEY – ARC 550 REGIONAL STUDIO – SUMMER 2012

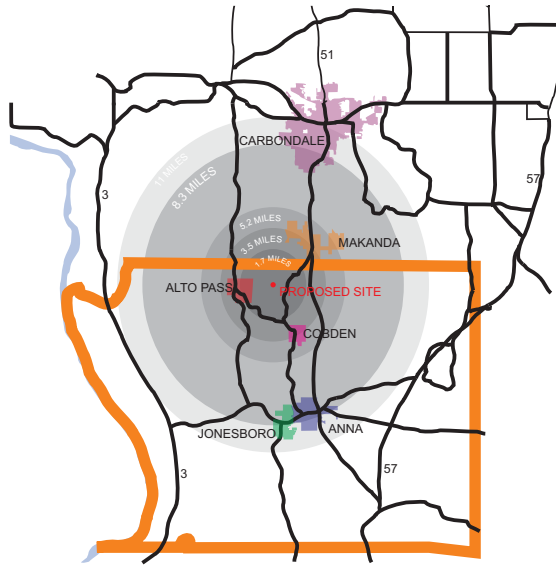


Introduction and Overview:

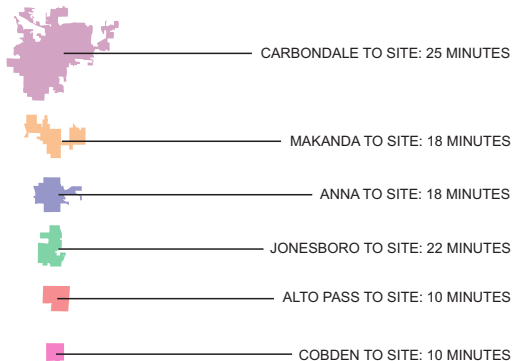
A new orchard is being proposed for the **Southern Illinois region**. This new orchard is to be built on the available 40 acre site in rural Union County, IL, north of Coben, IL and east of Alto Pass, IL. The orchard should be **fully functional** and must create a **captivating environment** to draw in visitors. This is key not only to have a thriving business, but to draw attention and awareness to the secluded site. This orchard will deeply be rooted in the **region, environment, people, and culture** which surrounds it. It will be site specific and be anchored to the context of it's region.

This project will not only be focused on a productive orchard, but utilizing its key components for an **educational environment**. The new orchard will have a direct connection to the surrounding universities and colleges which will be the driving force behind the management and production. Students will work on a management team alongside permeant workers and teachers who will teach them how to **research, grow, manage, and produce** productively. The university students will offer tours, classes, workshops, and camps to younger students interested in learning about the **nutrition of food** and agriculture. This will create a learning environment where **students will teach other students**.

UNION COUNTY



DISTANCE FROM SITE TO LOCAL TOWNS



The new **educational orchard** will provide the following benefits to the visitors, the community, and the region:

- Provide an fun, interactive **educational experience** for all students and visitors
- **Share the knowledge** by educating the community and public on the research discovered at the orchard
- **Set an example** for other orchards and universities to develop a similar educational experience
- **Expand the knowledge** of younger students on nutrition and how to live a healthier life
- **Merge various cultures** to create a diverse community where education will thrive.

The project will include:

A [1] **Orchard**, consisting of a farmer's market, a production facility, recreational storage, a community center, observatory and outdoor storage.

[2] **Multi-use housing** will be designed for migrant/field workers, students, and faculty.

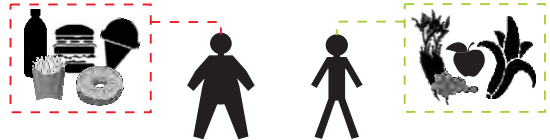
[3] **Educational facilities** will be dedicated to university students and younger students (kindergarten through high school).

Due to the lack of nutritional education in schools, the orchard will focus on filling this gap by providing nutritional education camps and workshops. The orchard will work on educating the students in the region to help them become knowledgeable on the types of foods they are consuming.

The nutrition camps will be dedicated to children and young adults. The camps will be focused on education of healthy foods and the proper ways to prepare them. The camps will help student become more independent and responsible with their food choices.

The orchard will serve as the feeding factor for the nutrition camps by providing local, fresh ingredients for the students to cook with. It will also be a teaching tool to show students where their food derives from.

OPEN YOUR EYES!!
lack of nutritional education



The mean number of **hours spent** in a school year on **nutrition education** by elementary school teachers who taught nutrition was **13 hours**, below the minimum of **50 hours** thought to be **necessary** for **IMPACT** on behavior.

Overweight children in the United States is growing at an alarming rate
1 out of 3 children
are considered overweight or obese

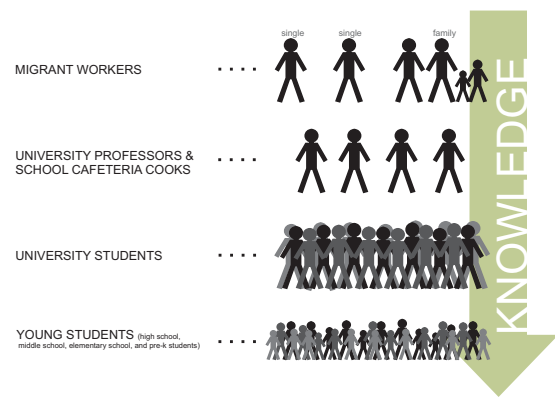
solution??

ORCHARD NUTRITION CAMP

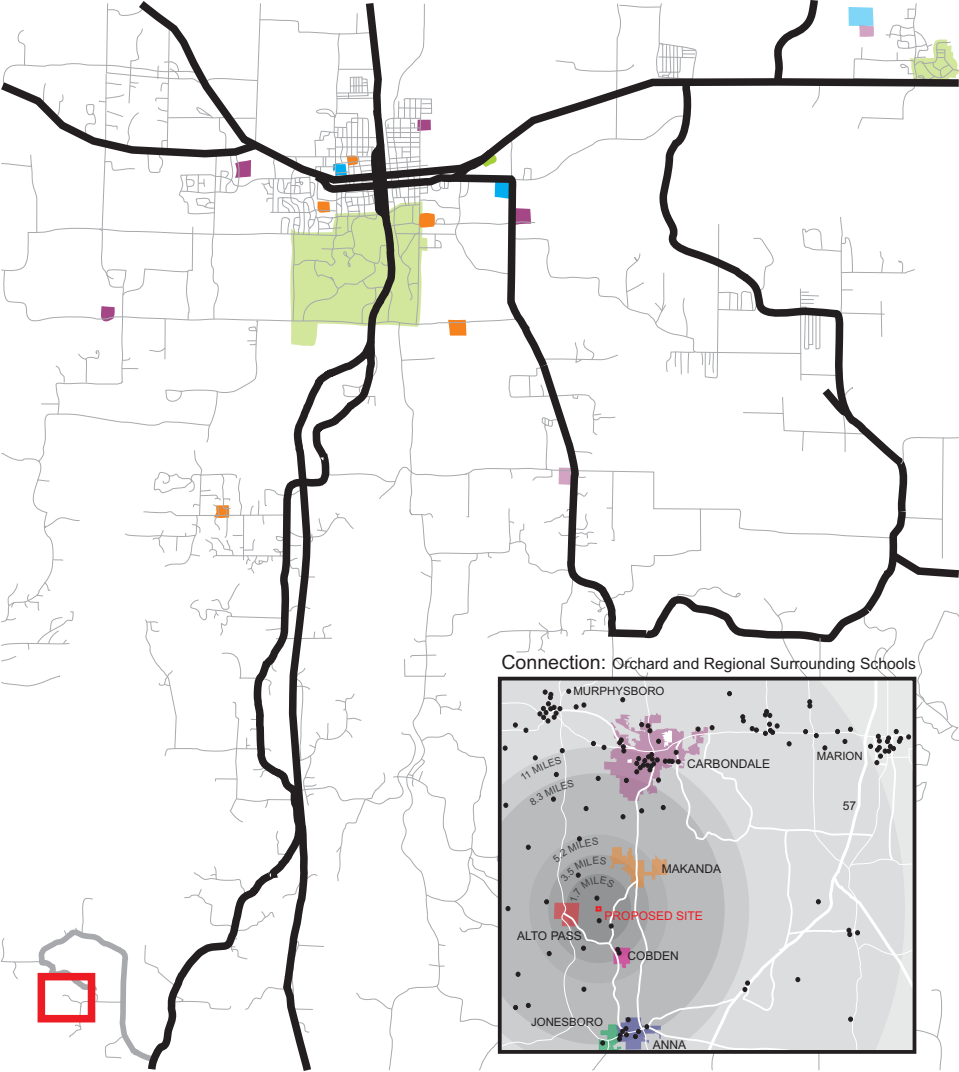
The orchard will be the **feeding factor** for the nutrition camp. It will provide the **local, fresh ingredients** the student will cook with. The orchard will also be used as a **teaching tool** to help young students understand where their food actually comes from.

A **nutrition-based** cooking **camp** for children and young adults focused on the education of **healthy foods** and the proper ways to prepare and cook them. This camp will teach young students how to be more **independent** and **responsible** with their **food choices**.

Teaching System: students teaching students



Connection: Orchard and SIUC with Local Surrounding Schools

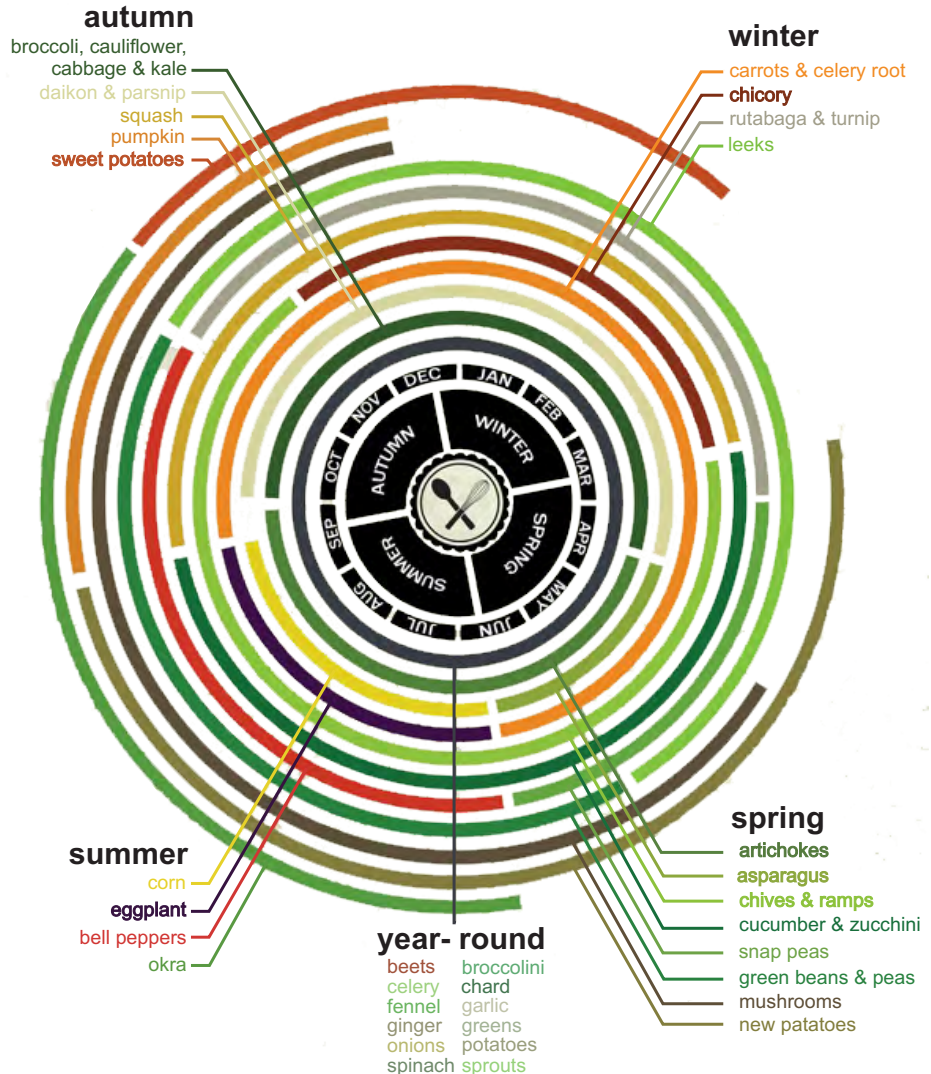


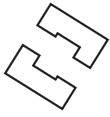
UNIVERSITIES/ COLLEGES HIGH SCHOOLS MIDDLE SCHOOL
ELEMENTARY SCHOOLS PROPOSED SITE

VEGETABLES: when are they in season?

Picking the variation of crops grown at the education orchard is essential to ensuring a long growing season. A longer growing season allows for the students to use the crop year-round.

The types of crops maximize education by their variety and how long they are in season. The crops used as teaching tools in the education kitchen, hands-on classrooms, and the education garden.





3 EDUCATION FACILITY



EDUCATION FACILITY FLOOR PLAN



4 COMMUNITY CENTER

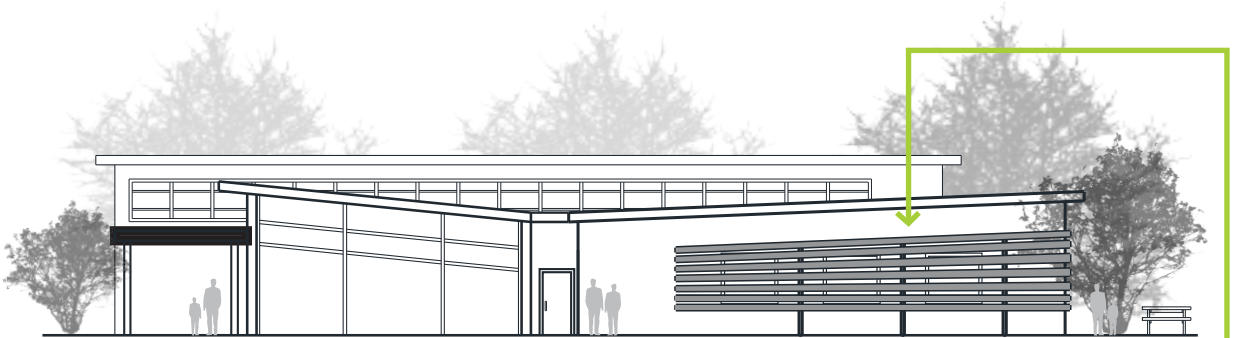


COMMUNITY CENTER FLOOR PLAN



EAST ELEVATION - COMMUNITY CENTER

A covered entry extends toward the parking lot to direct visitors to that particular entry. This is highlighted to help distinguish which entry is the “main” entry.



NORTH WEST ELEVATION - COMMUNITY CENTER

A outdoor patio is designed on the east side of the community center for student to be able to sit outside and have lunch or interact with other students.

The screening devices designed for the community center are used to block out any heavy circulation that may be outside the classroom.