



Agile Business Development & Strategy

The purpose of this document is to begin the development of the Sarah Community Gardens. It is based on the philosophy that providing an environment where communities can participate in people-oriented programs will become communities that bond together for the wellbeing of the individuals of the community will strengthen the community.

The challenges that community gardens generally are present with include weather conditions, bugs, animals, birds and people. Certain inner-city locations have limited space and that space may be surrounded by buildings that prevent sunlight and rainfall reaching the garden plants. The weather conditions include heat, cold, drought, too much direct rain, too much direct sunlight and high winds. The animals can include dogs, cats and other roaming animals looking for food or just destroying plant life. Birds and bugs present their own unique set of problems. And of course, people that are homeless, mean or just inconsiderate.

The first step in this is to develop a solution that provides for the community the opportunity to work together as a team for the benefit of those who need or desire it the most. The Sarah Community Garden is comprised of scalable self-sustaining greenhouse-centric facilities. Depending on the availability of space, the greenhouse will be designed to accommodate the growing of a variety of selected fresh fruits and vegetables. Additionally, depending on the local environment many other varieties can be included that would be set outside the greenhouse while staff members are present and then moved back into the greenhouse after hours for protection from weather or vandalism.

These greenhouses will be designed with solar power, irrigation control and multilevel growing racks. The growing racks will be designed to accommodate food plants that grow underground (carrots, potatoes, etc.), vine-like (cucumbers, zucchini, etc.) and bush-type plants (beans, berries, etc.). These racks will be stacked for maximum production. The racks can also be designed to allow for certain plants to be started the growth process and then allow for children to take them home for individual care.

The solar power will be designed with 3 to 5-day battery backup so that the irrigation, lighting and temperature control will function even during overcast days. The additional power can be sold to the power grid to help offset operational cost. The irrigation system will be computer-controlled to ensure that each plant gets the exact amount of water throughout the growing process. The multilevel racks allow for different types of food plants to have a continuous growing cycle throughout the year.

The financial support to develop and maintain these greenhouses can be provided through several fundraising channels. One is to seek government grants for community support and outreach programs. Second is to work with University Agricultural departments in the areas of research and development. Third is to work with groups that are skilled in the art of corporate fund raising. These groups include certain veterans' groups, marketing groups and civic groups.

Another option is to work with government or companies to reclaim abandoned buildings. Convert them into solar greenhouses. This will allow the communities to prevent vacant buildings while creating employment, community services and environmental improvements.

The belief is that the growing season will be changed from one season into three growing seasons. Additionally, the plants once they have finished producing will be put into compost containers.

This philosophy allows for development in any area of the world where need for these services and funding meet.