

The logo for the University of Florida, consisting of the letters 'UF' in white on an orange square background.

**UF**

# IFAS Crop Transformation Center

**IF24062**

**Programming - Land Use Committee  
April 2, 2024**

Sean Mountain, Project Manager



## Project Overview

The UF IFAS Crop Transformation Center was founded in 2023 to address the need for rapid development and commercialization of genetically improved crops. Their mission “Is to accelerate genetic gain for specialty crops to improve human and environmental health.”



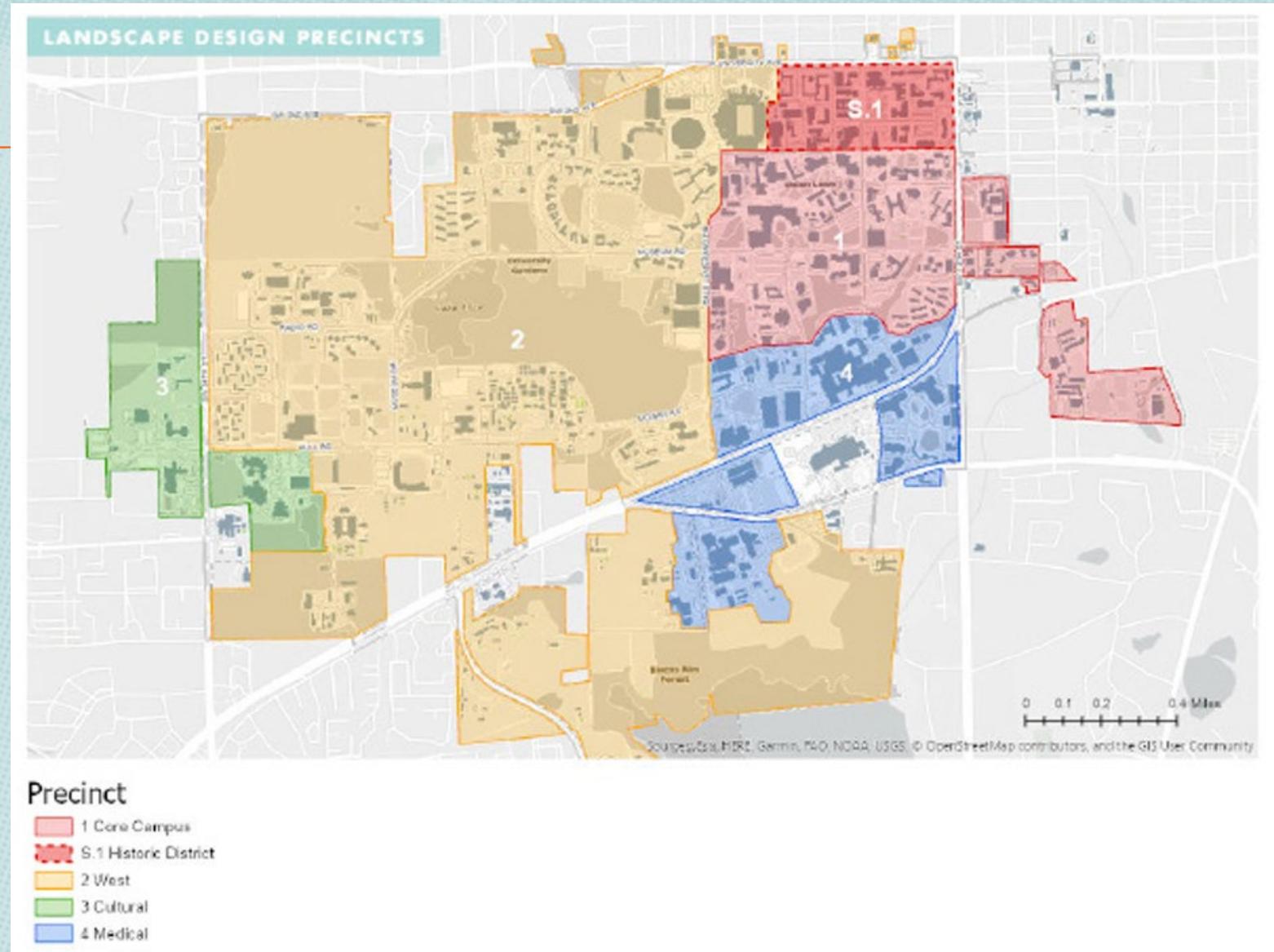
## Project Overview

- Proposed site is located just south of Fifield Hall and east of Horticultural Science Teaching Garden and will include a concrete slab approximately 80'x100'.
- Concrete pad will support 10 agricultural containers (similar to refrigerated cargo containers) and each container is 40' long x 8' wide x 9'-6" high
- New electrical service is required to the proposed location. Water and sewer are in the general area and we plan on connecting to these.
- Containers will be used for be used for plant research to address the need for rapid development and commercialization of genetically improved crops
- The site falls within the UF Master Plan and UF Master Stormwater Permit. Preliminary review indicates it is consistent with the UF Master Plan and will only need to connect to the existing storm infrastructure. If offsite stormwater improvements are identified beyond the project limits, those can be evaluated as needed.
- Future Land Use – **Academic / Research**

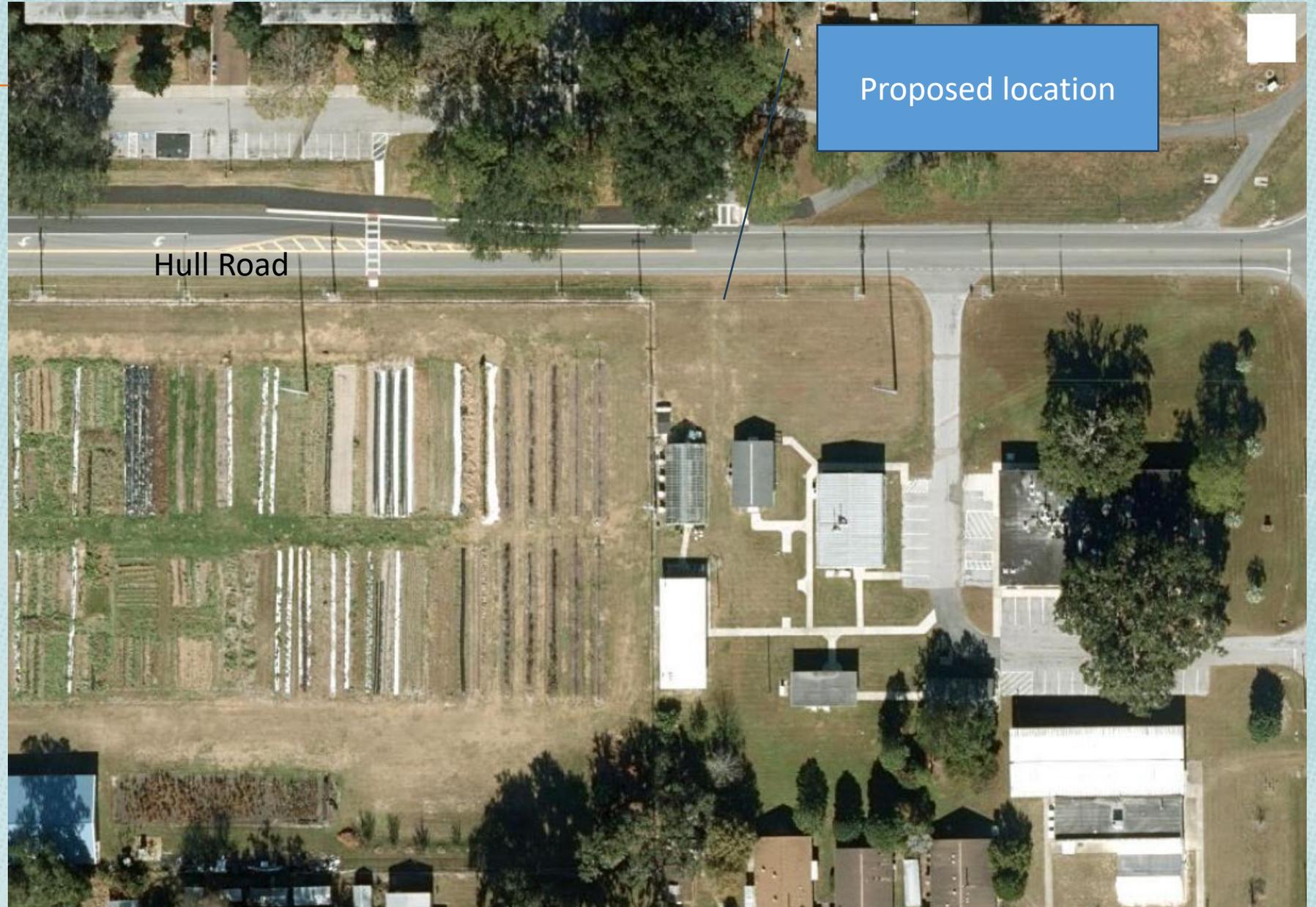


## Landscape Master Plan

- The project site is located in Precinct 2.



## Existing Conditions



## Existing Conditions



## Site Plan



Request a motion to approve the project as presented.

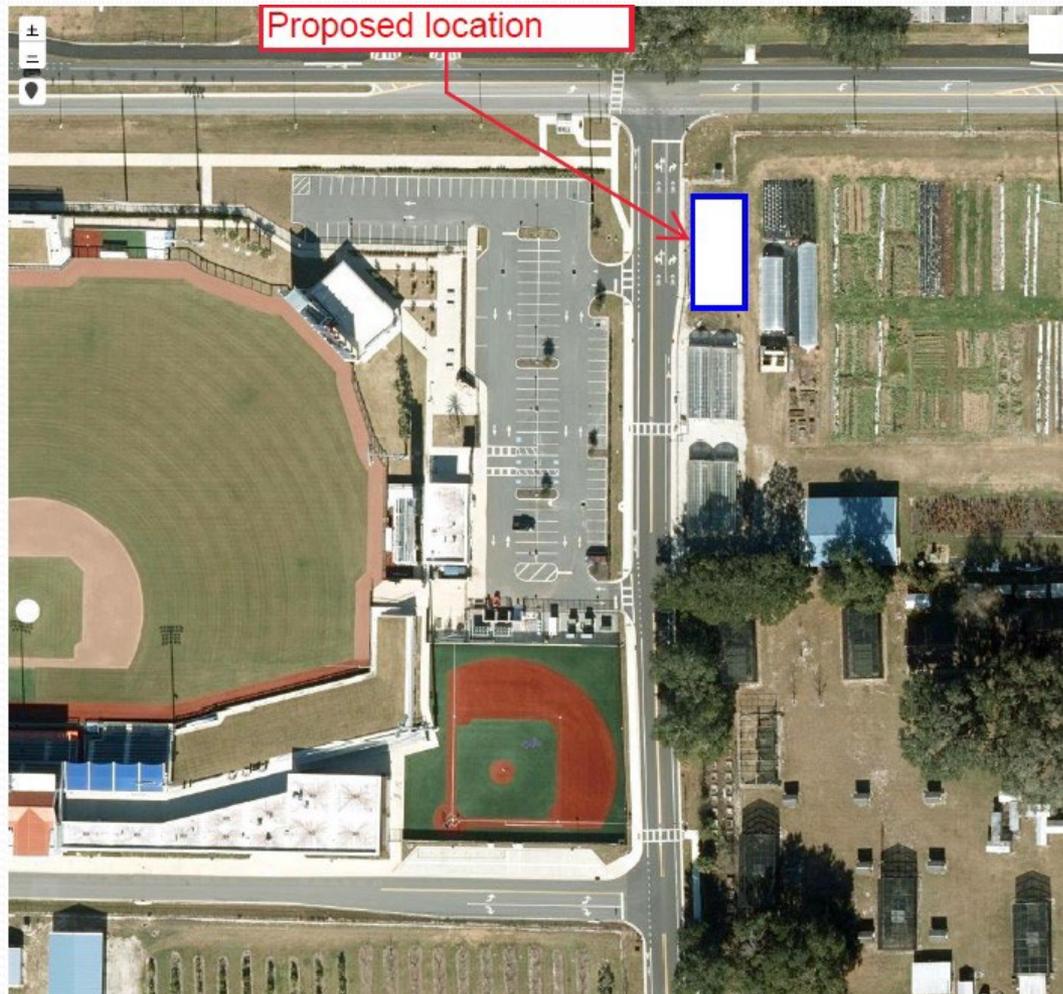
# Institute of Food and Agricultural Sciences

**PROJECT# IF24070**

**HORTICULTURAL SCIENCES  
NEW GREENHOUSE**

A photograph showing the interior of a large, modern greenhouse. The structure is made of metal frames and translucent panels. Inside, there are several long tables or benches. On these benches, numerous potted plants are arranged in neat rows. Each plant is supported by a thin, vertical wooden or bamboo stake. The plants appear to be young seedlings or small shrubs with green leaves. In the background, there is a dark, mesh-like curtain or screen. The overall atmosphere is bright and organized, typical of a research or production facility.

# PROJECT LOCATION



# PROJECT CRITERIA

- CONSTRUCT NEW 40' by 60' (240 sqf) GREENHOUSE TO EXPAND THE RESEARCH PROGRAM
- INCREASE STUDENT EDUCATIONAL ACCESS TO GREENHOUSE SYSTEMS AND PLANT GROWTH
- CONNECT INTO EXISTING WATER AND ELECTRICAL UTILITIES THAT ARE READILY AVAILABLE ONSITE.



# IN CONCLUSION

- The new facility will serve the research needs of Horticultural Sciences faculty to meet current and future programs.
- New greenhouse will enhance the learning experience for the undergraduate and graduate program.