



# Site Design

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## 1. Introduction

For this project, I designed a multi-use agricultural property located at 12474 NE 36<sup>th</sup> Ave in Anthony, Florida. The land is zoned A-1 Agricultural and has a long, narrow shape with areas of open pasture and natural tree lines. My main goal was to create a layout that keeps the agricultural identity of the property while also adding spaces for wellness, small events, and short-term visitors.



**Figure 1. Site Parcel Map and Property Boundaries**

As shown in **Figure 1**, the property sits in a rural part of Marion County, so the design needed to fit into that environment. Things like septic systems, drainage, and natural vegetation all played a role in how I organized the overall plan. I kept most of the development close to the internal road and used the existing tree lines to help guide where different features would go.

## **2. Site Model Design and Layout**



**Figure 2. Physical Site Model Overview**

As shown in **Figure 2**, for my site model, I tried to make the design flow naturally from the entrance at the bottom to the more private spaces toward the top. The parking area sits right at

the entrance, so people do not have to drive deep into the property. The barn, garden, vineyard, horse barn, and horse rink are grouped together because they all relate to the agricultural side of the project.

As you move north, the site shifts into more recreational and wellness areas. I placed the pond, yoga tent, and Airstream along the central path, so they feel calm and separated from the farming zone, and I put the lake at the lowest elevation. The cottages sit along the right side of the path to give guests more privacy and their own space. At the top of the site, the barndominium and pool create the main event area. Trees and shrubs were added throughout to show shade, screening, and natural landscaping.

### **3. Building Designs**

I designed six different structures for this project. The structures were the barndominium, greenhouse/dining space, a two-bedroom cottage, yoga tent, boathouse, and a four-stall horse barn. Each building was made as a physical model at a 1/8" scale and photographed from all sides. These buildings follow the same general style of simple forms, open layouts, and materials that make sense for Florida's climate and environment. I kept the designs practical, so they fit the rural style of the area. Full front, side, and back views for all six buildings are included in **Appendix A (A1-A24)**.

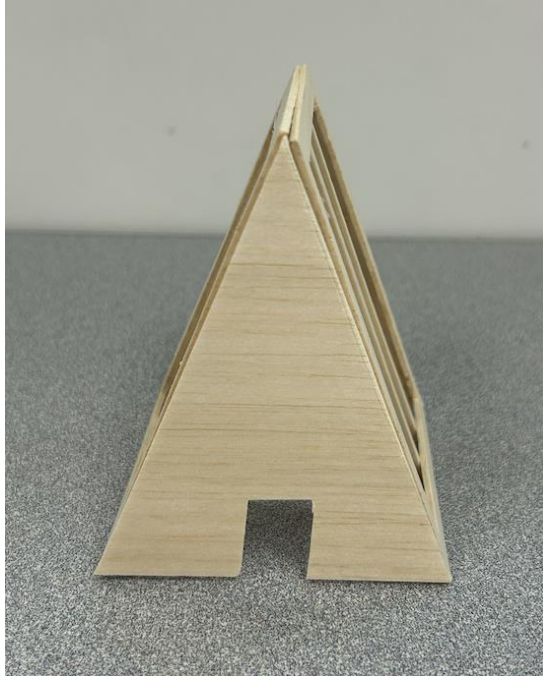
### **4. Development Considerations**

For this site, I mainly paid attention to grading, drainage, and what the zoning allows. The land is already pretty flat, so it wouldn't take much dirt work to level the building areas or shape the driveway. Water naturally moves toward the lake, so that spot makes sense for handling runoff, especially with Florida weather. Since the area uses septic systems, the soil would need to drain well, but that's normal for this region. Everything I included fits under A-1 Agricultural zoning, so the design stays realistic for what could actually be built here.

## **5. Conclusion**

This project helped me combine agriculture, wellness, and recreation into one organized plan. My design keeps the natural character of the land while still creating space for cottages, trails, farm activities, and small gatherings. The site is flexible enough for long-term growth and can support events, seasonal farming, and visitor experiences. Overall, my goal was to create a site that feels peaceful, useful, and connected to both the landscape and the community around it.

## **Appendix A – Architectural Building Models**



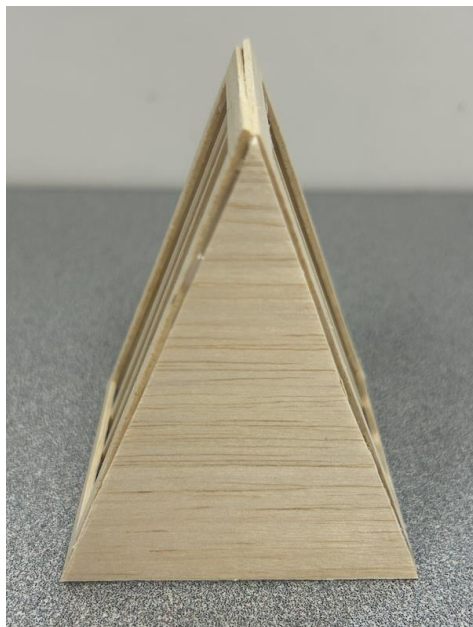
A1. Greenhouse – Front View



A2. Greenhouse – Right Side View



A3. Greenhouse – Left Side View



A4. Greenhouse – Back View



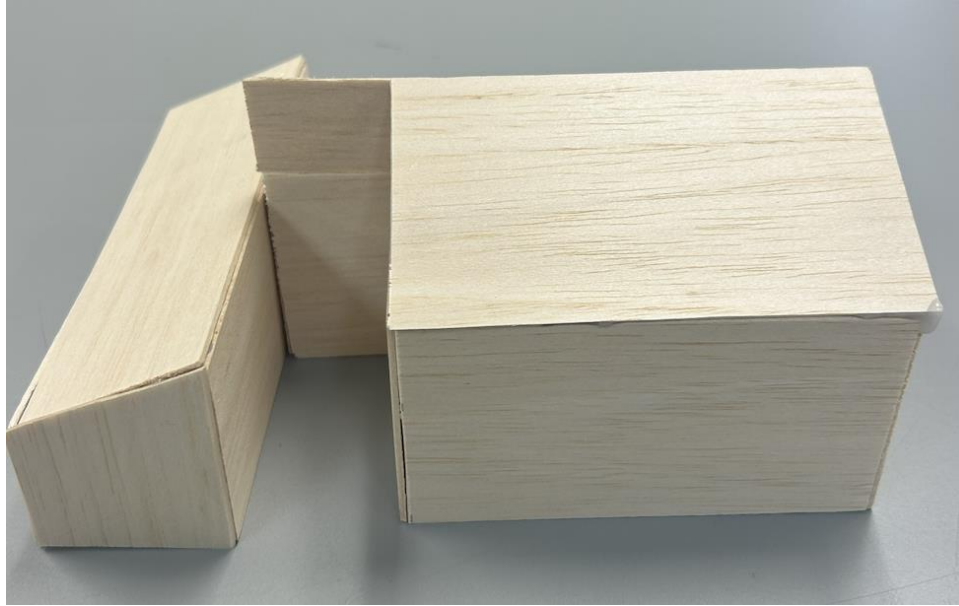


A5. Barndominium – Front View



A6. Barndominium – Right Side View





A7. Barndominium – Left Side View



A8. Barndominium – Back View



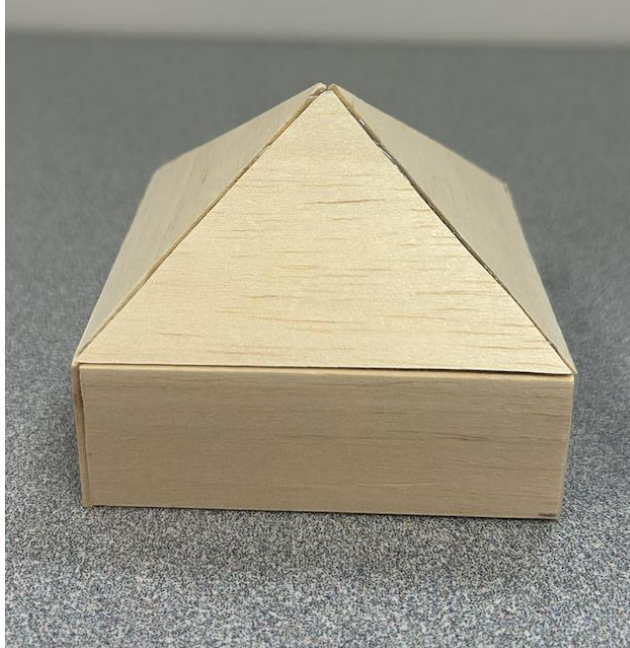
A9. Yoga Tent – Front View



A10. Yoga Tent – Right Side View



A11. Yoga Tent – Left Side View



A12. Yoga Tent – Back View



A13. Boathouse – Front View



A14. Boathouse – Right Side View



A15. Boathouse – Left Side View

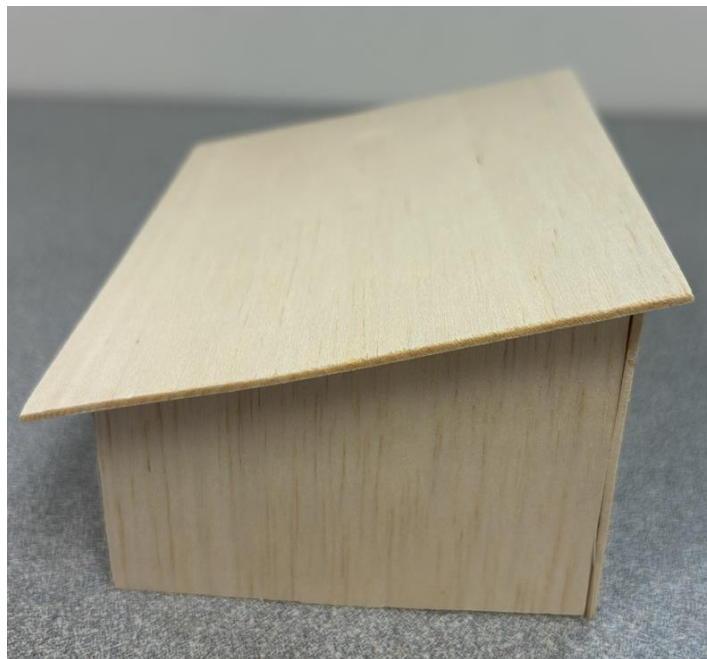


A16. Boathouse – Back View





A17. Cottage – Front View



A18. Cottage – Right Side View



A19. Cottage – Left Side View



A20. Cottage – Back View





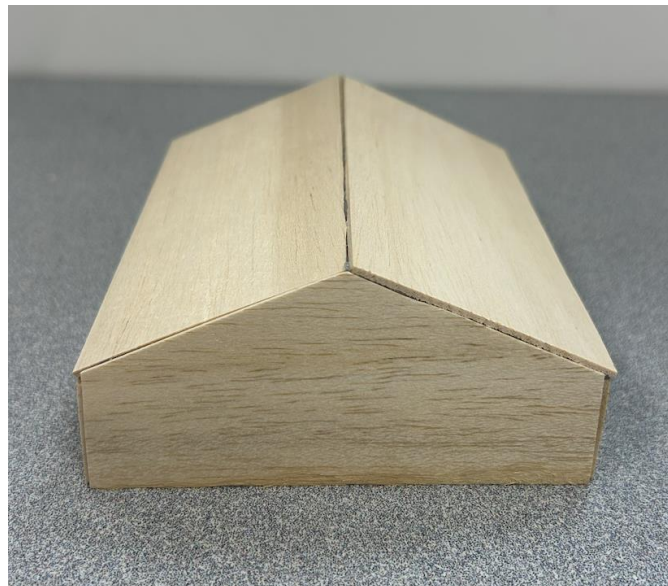
A21. Horse Rink – Front View



A22. Horse Rink – Right Side View



A23. Horse Rink – Left Side View



A24. Horse Rink – Back View