



Architectural Design 2027 Design Problem

Background

The restaurant industry is constantly changing and evolving to lure as many customers as possible into the doors. Each restaurant attempts to have a climate and atmosphere that stands out among the others. A theme restaurant aims to create a unique and immersive experience for diners, going beyond just serving food. The 'theme' can be based on a variety of concepts, such as cultural or historical periods, nature or environmental, experiential dining, or storytelling.

Challenge (Design Considerations and Constraints)

The 2027 design problem is to design a family themed restaurant that is the type and purpose of the team's choice that meets the following considerations and constraints.

1. Conduct research on restaurant types, design, planning, and construction.
2. Select and identify the location for the restaurant and incorporate the necessary building codes and materials available in the immediate area. The general location does not have to be an actual existing property, but must be treated as if in Orange County, Florida so that all entries can be compared using the same building codes and available materials.
3. The maximum land space is two (2) acres. The overall solution does not require use of the entire space, nor is the study model required to include the entire space.
4. The design must include, as a minimum, a foyer, a waiting area, seating for a maximum of 150 customers, necessary restrooms, office space, food preparation, storage, and food delivery pick-up.
5. Vehicle parking is included in the planning and drawings, but the study model must focus on the restaurant.
6. The solution must avoid all copyright infringement issues.
7. The finished design can be all on one floor or up to three floors.
8. The solution cannot violate any of the TSA general rules. For example, no wine, bar, bar service, violence, or weapons, and appropriate attire for employees and guests.
9. A maximum of 20"x20" site board is permitted for the study model.