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The San Antonio Riverwalk is situated in the heart of San Antonio, Texas. Containing restaurants, hotels and a beautiful river through the middle that can be explored by boat to take in this historic and beautiful place. This created the perfect scenario for Project 2. The study into not only environmental surroundings and its effects but also researching the appropriate materials to use and why created a perfect challenge. The house facing west creates the perfect ratio of shade and sun at the most desired hours. The design process included going back to a model in a previous semester and, based on our research, creating an architectural design into a residential building for the San Antonio Riverwalk.

Project 1 contained researching buildings to understand a basic concept of many things concerning residential design. Learning about why the materials the architects chose and learning about the orientation created a strong foundation for Project 2. As well as getting an overall average of square footage of rooms so that when coming to Project 2 the understanding of living spaces weren't too big or too small. Everything in Project 1 gave a good understanding of what residential buildings should try to obtain.

The first step into Project 2 was to redefine the original model, from a previous semester, to create a residential building but still keeping the overall essence of the original model. This created a severe challenge when coming up with a good design that was habitable but yet still within the concept of the model or the chunk of model chosen to redesign. The redefined residential model aimed to merge the abstract and practical making an interesting looking home that is livable.

When materials came into play it became crucial to truly understand the environmental impacts that each material would have. To keep with the surrounding area not only in looks but also keeping in mind environmental impacts, local stone was chosen to keep in touch with San Antonio as well as glass to be able to view the beautiful river from the interior of the home. The placement of the windows was crucial to allow sunlight in at the right time and to create shade when needed.

The overall model redesign reflects the main principles of the project specifically when it came to conditional design. The use of horizontal and vertical overlap is a significant aspect of the residential building. This method was added that not only enhanced the original model but also made the model into a habitable home. This creates a tall and open feeling on the inside throughout the bottom and middle levels, yet when in the private spaces on the top floor, still creates openness yet privacy at the same time. This approach made it into a perfect combination of a complex outside yet an open and simple inside.

The application of the project to be on the San Antonio Riverwalk creates a beautiful and interesting challenge when it comes to designing a residential home. The previous model transforming into a realistic residential home really shows that there are a lot of possibilities in architecture when it comes to creating a habitable home, creating enjoyable spaces and overall creating an interesting looking home.