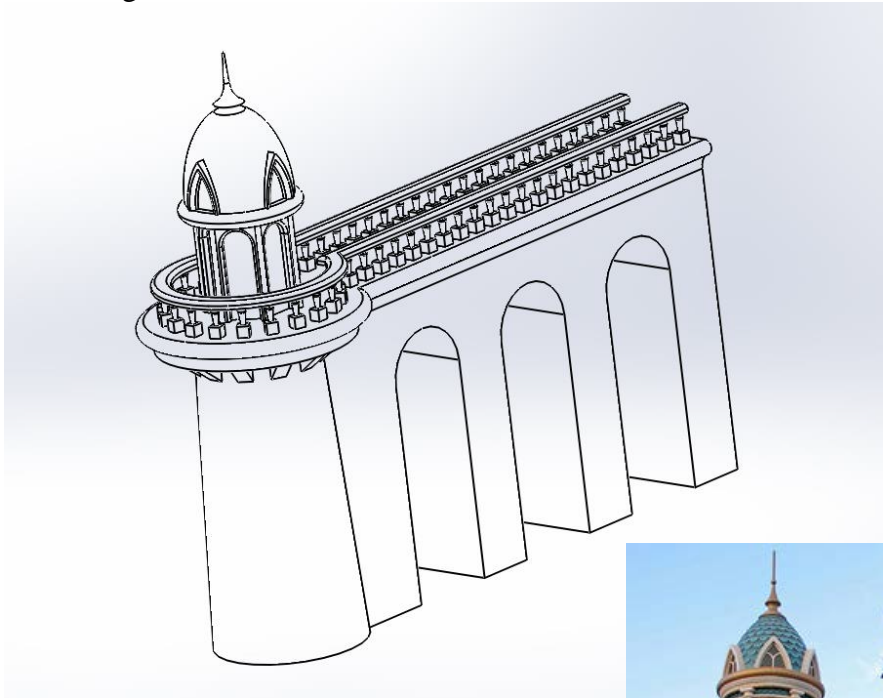


Personal CAD Project – Eric's Castle

Inspiration:

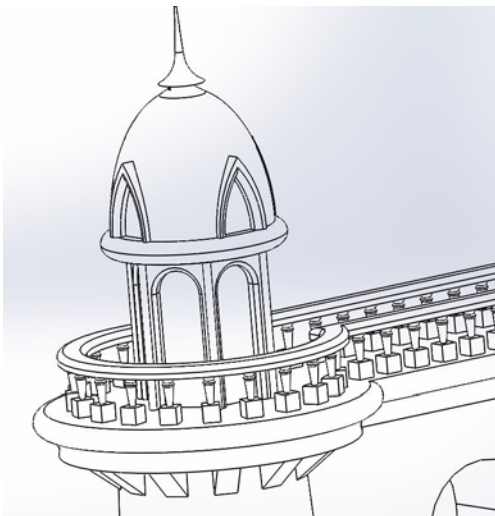
My personal CAD project is a reproduction of an existing attraction at Walt Disney World called Prince Eric's Castle. It is the home of a ride that tells people the story of The Little Mermaid. I reproduced the lighthouse and bridge from the attraction and I choose to create it because I want to work for Disney when I graduate. The ride is also part of the new Fantasyland, so it has not even been around for a year yet. I thought making something that new would be a challenge and I wanted to see if I could do it. Finally, I went to Walt Disney World in January and I remember how much I was drawn to the outside of this ride. It was so detailed and interesting, but it was still only the outside – that is what Disney is all about. They never forget any little detail and even if you are just waiting in line, they are going to make the line look amazing.



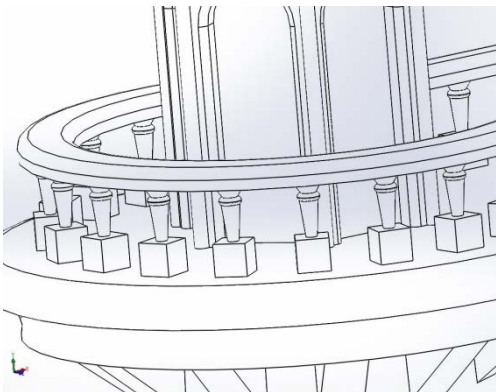
<http://www.orlandosentinel.com/the-daily-disney/orl-disney-world-fantasyland-little-mermaid-pi-013,0,5656807.photo>

Making the Castle:

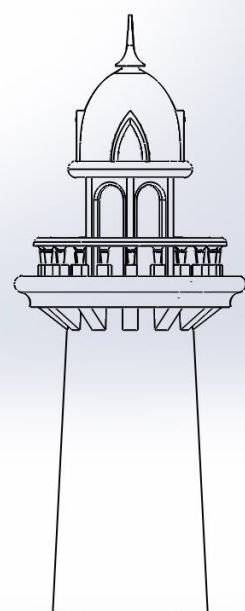
The most difficult part of the project was designing the windows. I was having a hard time getting them to attach to the dome-roof and it was also difficult duplicating them to go around the roof. This object relates to my major because I am planning on going into civil engineering with an emphasis on structures. For this project, I made an attraction at Walt Disney World, which is essentially what I want to be doing in the future. I also love Disney World and have gone there all my life, so this project was perfect for me. I learned a lot about building somewhat larger products during this project because before we were working on really small objects. I also learned about various tools that I used for the first time during this project that I will probably use the next time I create a structure like this. I actually really enjoyed this project because we got to work on something we are interested in. I am very interested in Prince Eric's Castle, so I never got bored creating it. I think CAD is extremely useful. If someone has a great idea and sketches it on paper, it could look good, but if someone else goes and creates it on a computer program, it could really look amazing.



<http://www.disneyeveryday.com/tag/prince-erics-castle/>



<http://m.wenatcheeworld.com/news/2012/dec/27/the-wonders-of-disney-worlds-new-fantasyland/>



Drawing-view:

