

Spongebob's House



Figure 1: "Spongebob's House" Inspirational Photo found on spongebob.wikia.com



Figure 2: "Spongebob Background Pineapple House" Inspirational Photo found on www.icollector.com

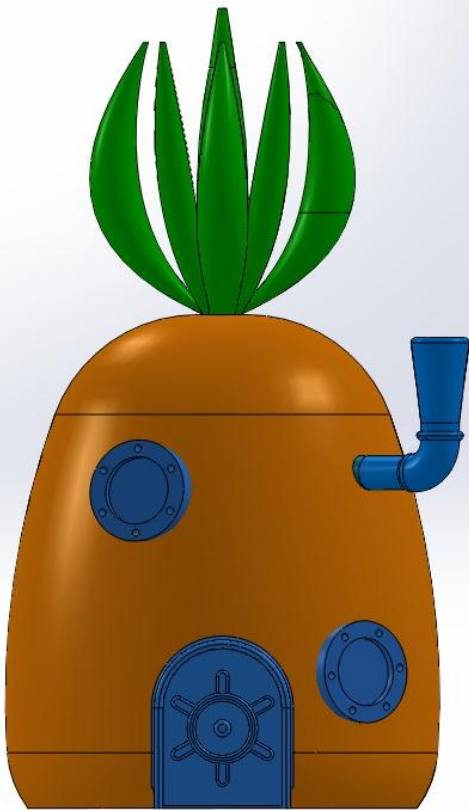


Figure 3: Spongebob's House Front View

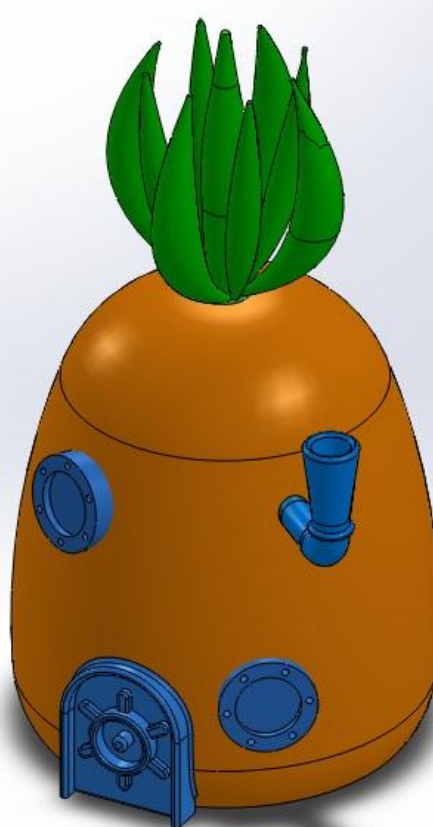


Figure 4: Spongebob's House Isometric View

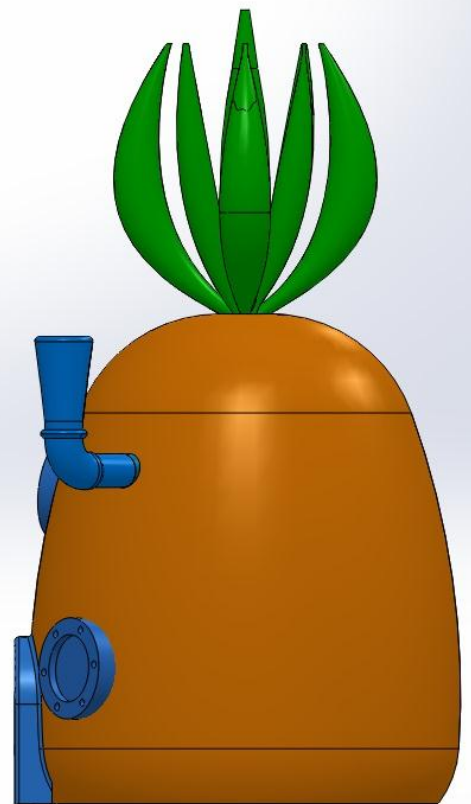
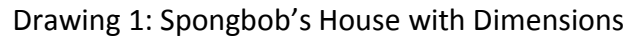
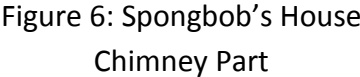


Figure 5: Spongebob's House Right View



As you can see above, I chose to do my personal CAD project on a replication of Spongebob's House from the Nickelodeon television show "Spongebob Squarepants." With this being my favorite cartoon while growing up, reproducing this house seemed like it could be fun, but also quite a challenge. Regardless, I quickly performed a google search and found Figure's 1 and 2 above to be two helpful resources when designing this pineapple home.

The most difficult part of this project by far was putting it all together at the end. For some reason I had a lot more trouble than usual with the mates and connecting the windows to the house was ultimately the biggest hassle. On the other hand, the easiest part of this project was the Chimney, which you can see in Figure 6. It involved very simple sketches and was easy enough to figure out. Included in the fun I actually had recreating this house was a few Solidworks lessons to be learned, including how to loft correctly and how to mate to a rounded surface. My finished product can be seen in multiple views from Figures 3-5 and a dimensioned drawing can be found in Drawing 1 as well. Although CAD can be a headache at times, I've learned that being patient with it is very rewarding in the end when you have a finished product like this.