

I have examined the five judging criteria, and I came up with an idea that I'm very pleased with. I really looked at the shape of my house and tried to come up with a more green solution than just using bricks and blocks. I finally found the answer that I was looking for, and that was recycled grain bins and corn silos. I couldn't find a recent statistic, but in 1917 in Pennsylvania alone there were 24,000 grain bins and corn silos. One can only believe that this number has increased immensely and that there is a problem with ridding of the old bins and silos. I came to the conclusion that to help with this recycling process I would and am completely capable of constructing my dream house out of grain bins and corn silos. Since my house has a circular shape to it and I have circular rooms within my house the bins and silos could be cut to scale and are basically pre-fabricated walls that were already built to withstand the earth's elements, so they could easily be implemented as house walls. Every aspect of this material could be used; even their existing roofs could be used for the roofs of my circular rooms. In addition to my roofs they will also have gardens on them. This will make my house almost 100% green and environment friendly. My house will not only take materials that would be put in a dump, like grain silos and corn silos, and utilize them as the structure of my house, but the gardens on my roof will also give back to the environment with oxygen and food for the people living within the home. I feel that my dream home is now complete and adheres to all the guidelines and a creative way to help recycle some of Pennsylvania's materials.