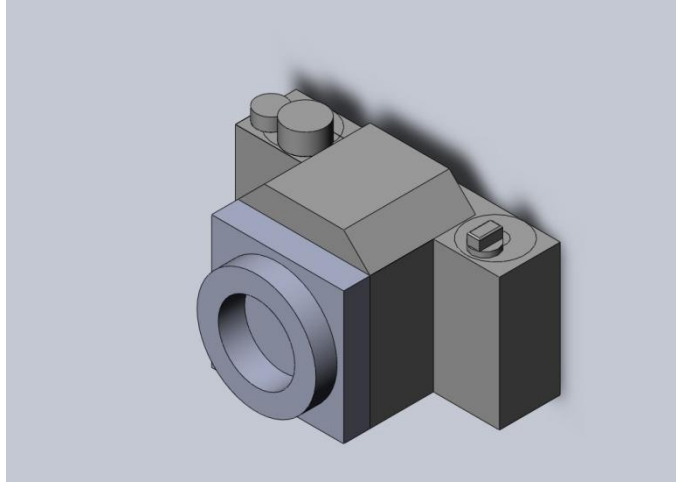
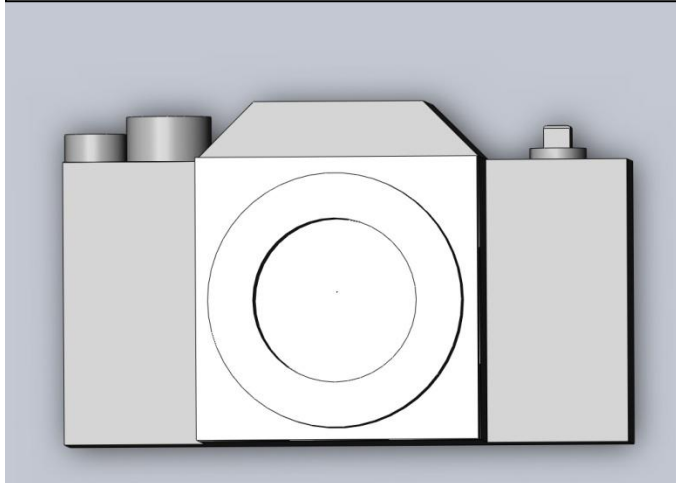


Jill Morris

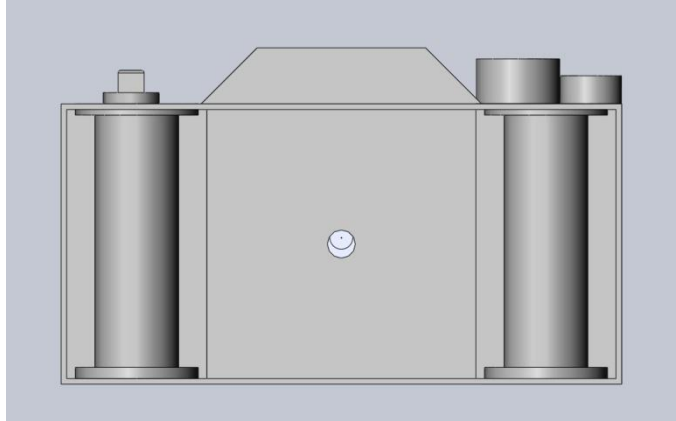
Final CAD Project: A Camera



Isometric View



Front View



Back View

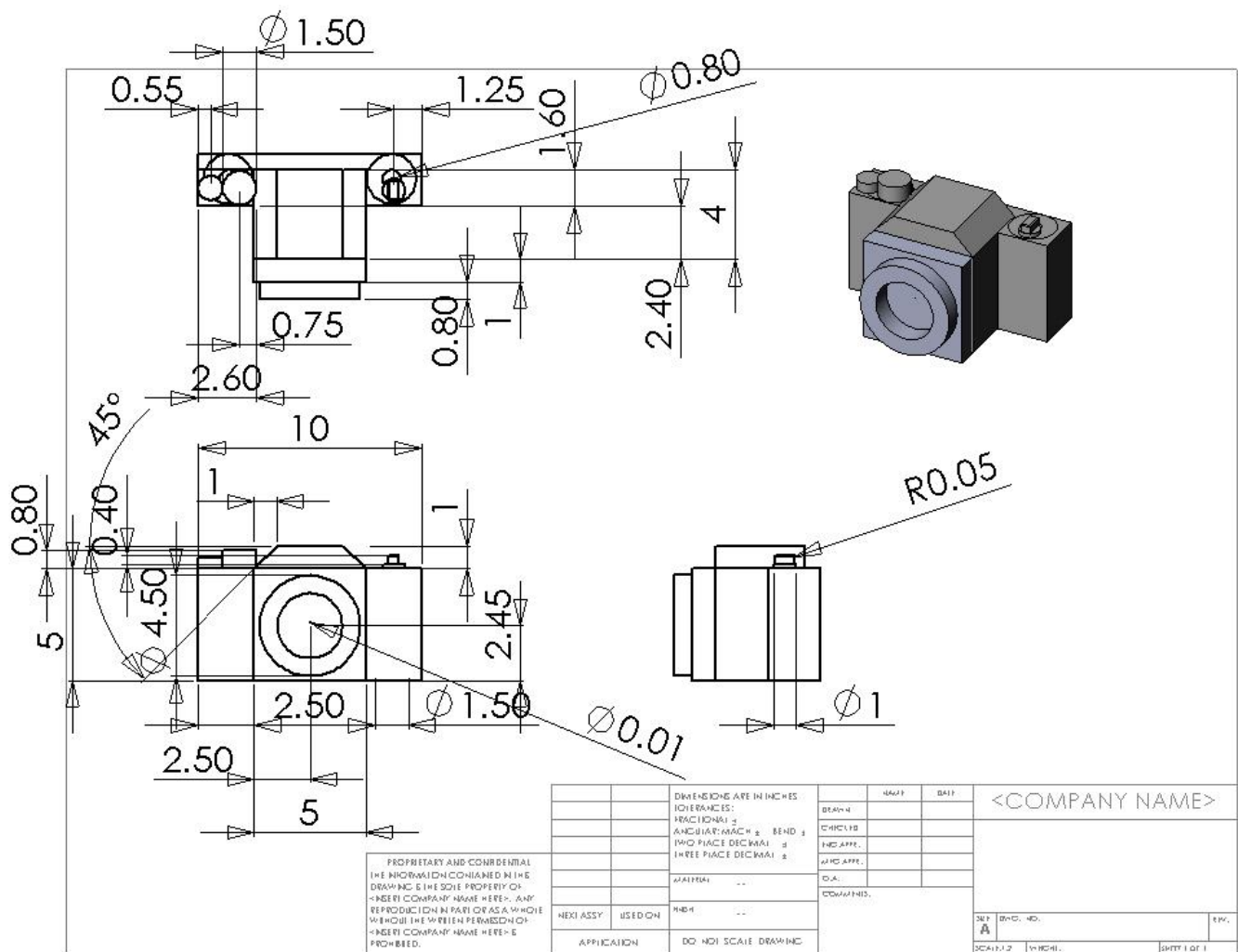
## The Dirkon Camera

For my Final CAD project, I built a pin-hole camera. This camera is complete with film spools and “Lens”. This is a CAD model of the Dirkon Camera published in a 1979 *An ABC of Young Technicians and Natural Scientists*, a magazine published in former Czechoslovakia. This camera is not only fun to see the resulting pictures but can also be



The Paper version of the Dirkon Camera

([http://www.pinhole.cz/en/pinholecameras/dirkon\\_01.html](http://www.pinhole.cz/en/pinholecameras/dirkon_01.html))



Photography has been a hobby of mine since I first used a SLR camera and developed my first photo. When I came across this site demonstrating how to make a paper pinhole camera I was ecstatic to be able to make your own camera. In addition, I can actually work. I also loved the history behind this pinhole camera. Through government turmoil, this camera barely survived, but because of the internet this camera can be built for many years to come. The most challenging piece of the camera was building the spools and getting the correct measurements from the website. But the result is almost exactly like the paper Dirkon illustrated in the picture on the first page. My CAD project was a success.