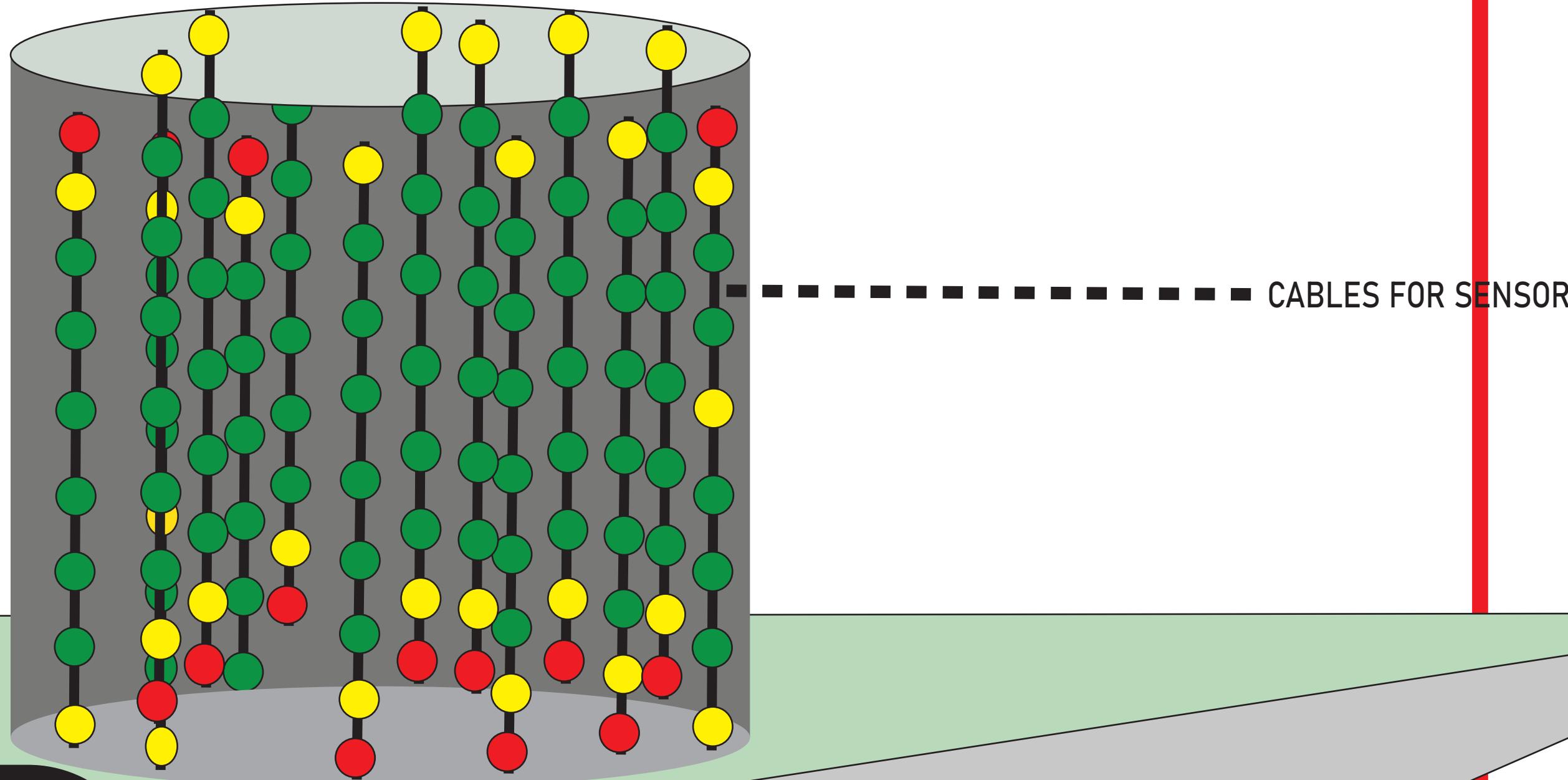




# Final Project: Nick Menough

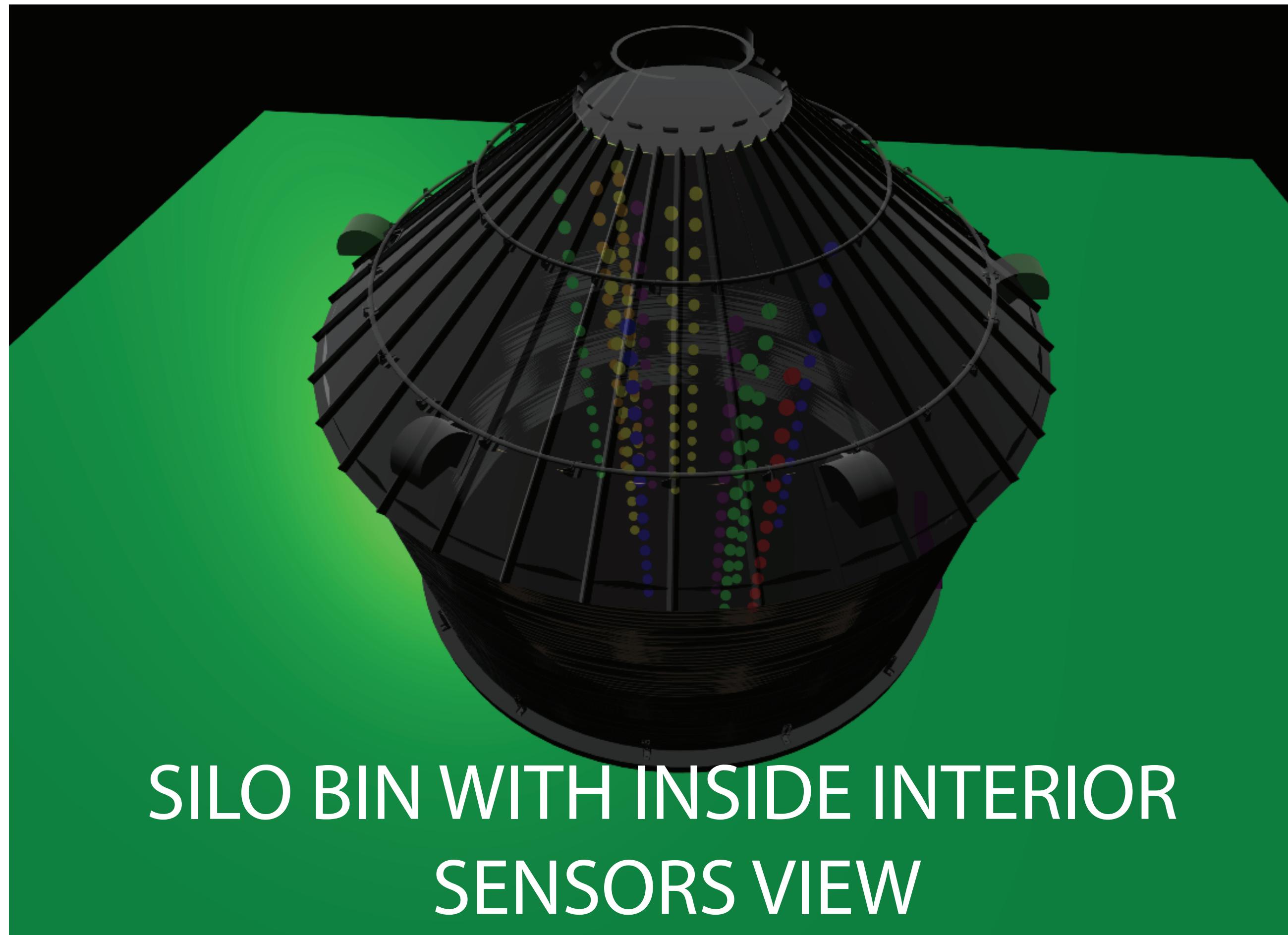
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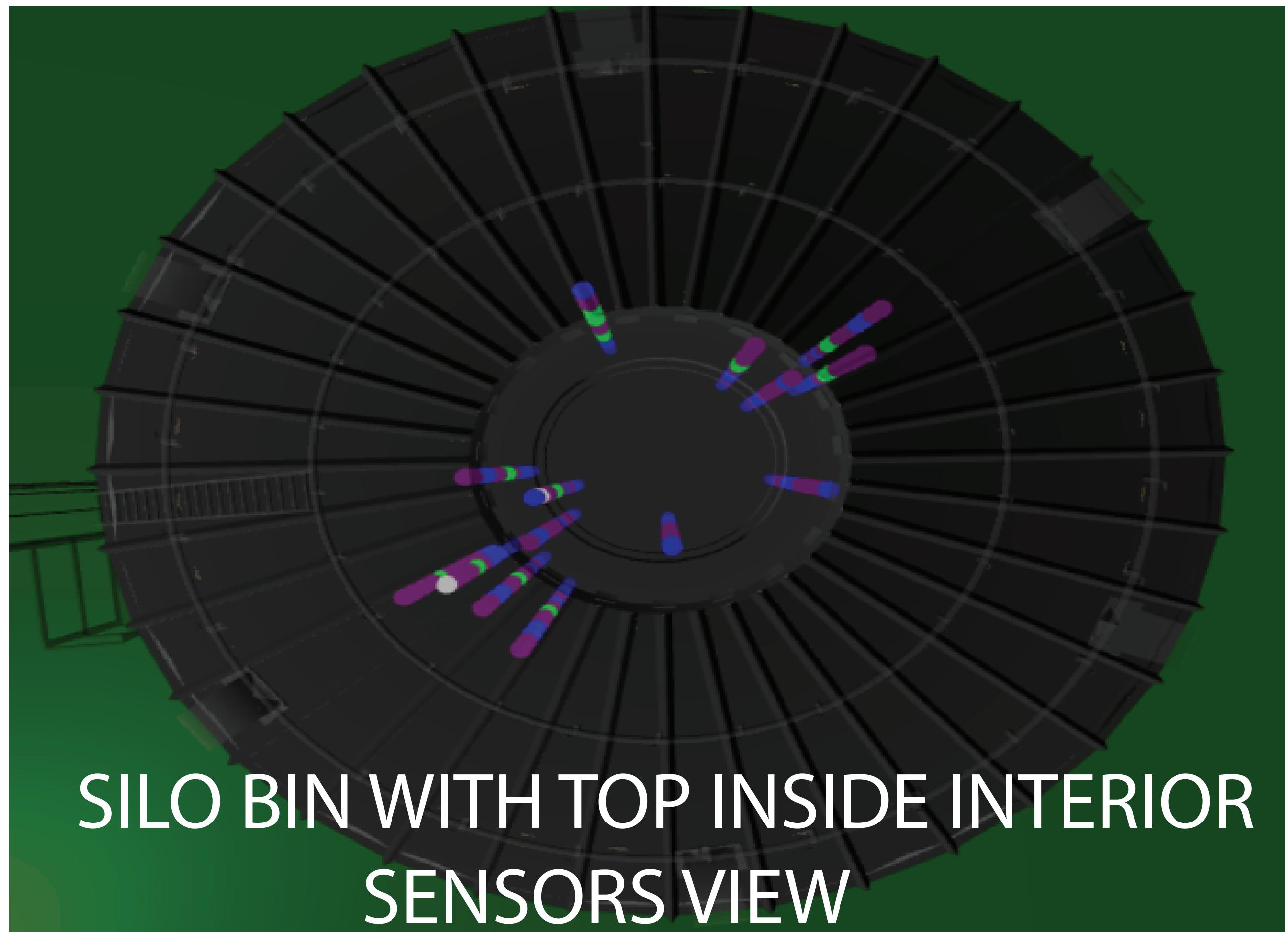
TEMPERATURE CHART

- 90° DEGREE AND ABOVE
- 86-90° DEGREE AND ABOVE
- 76-85° DEGREE
- 46-75° DEGREE
- 33-45° DEGREES
- 32° DEGREE AND BELOW

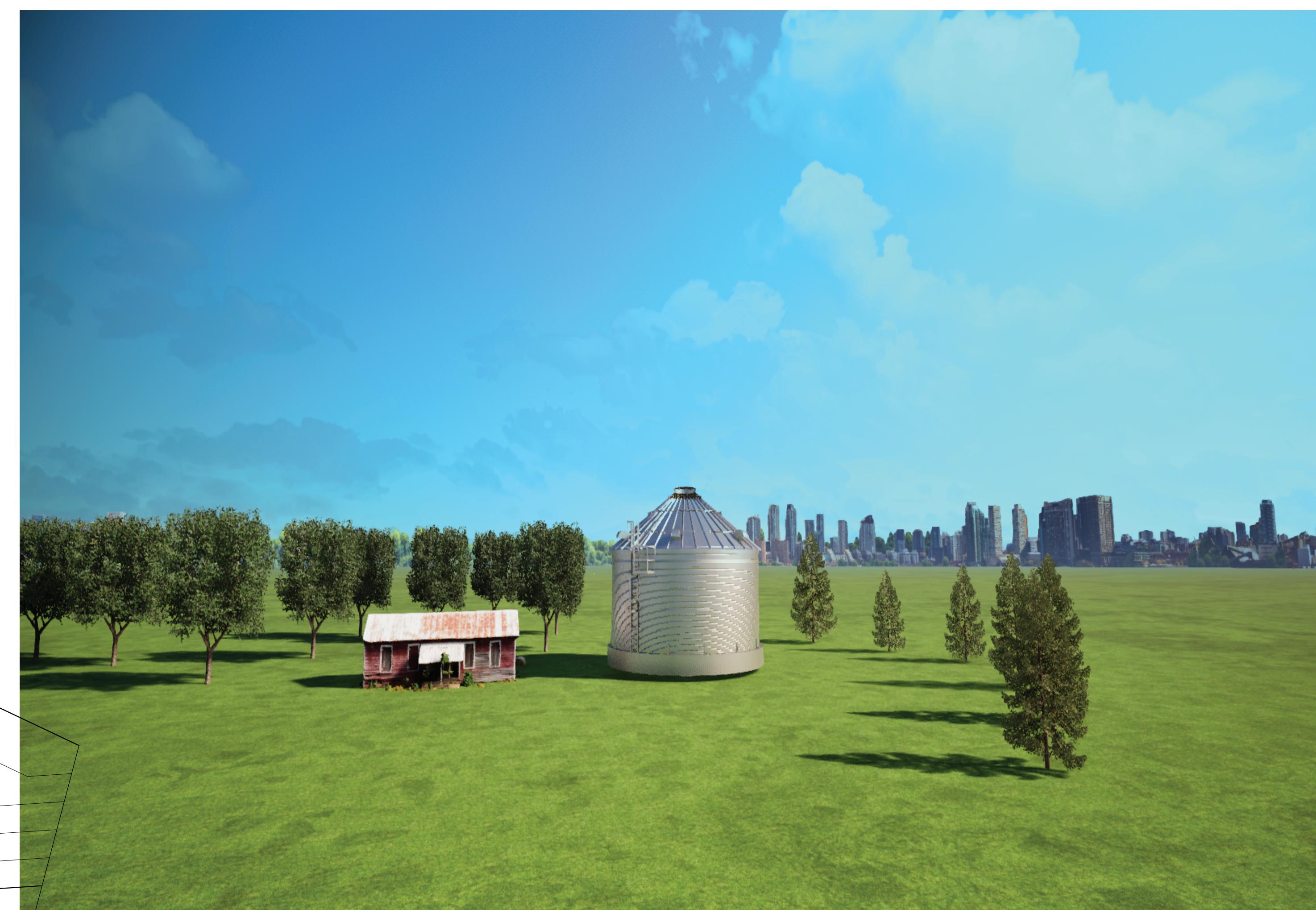
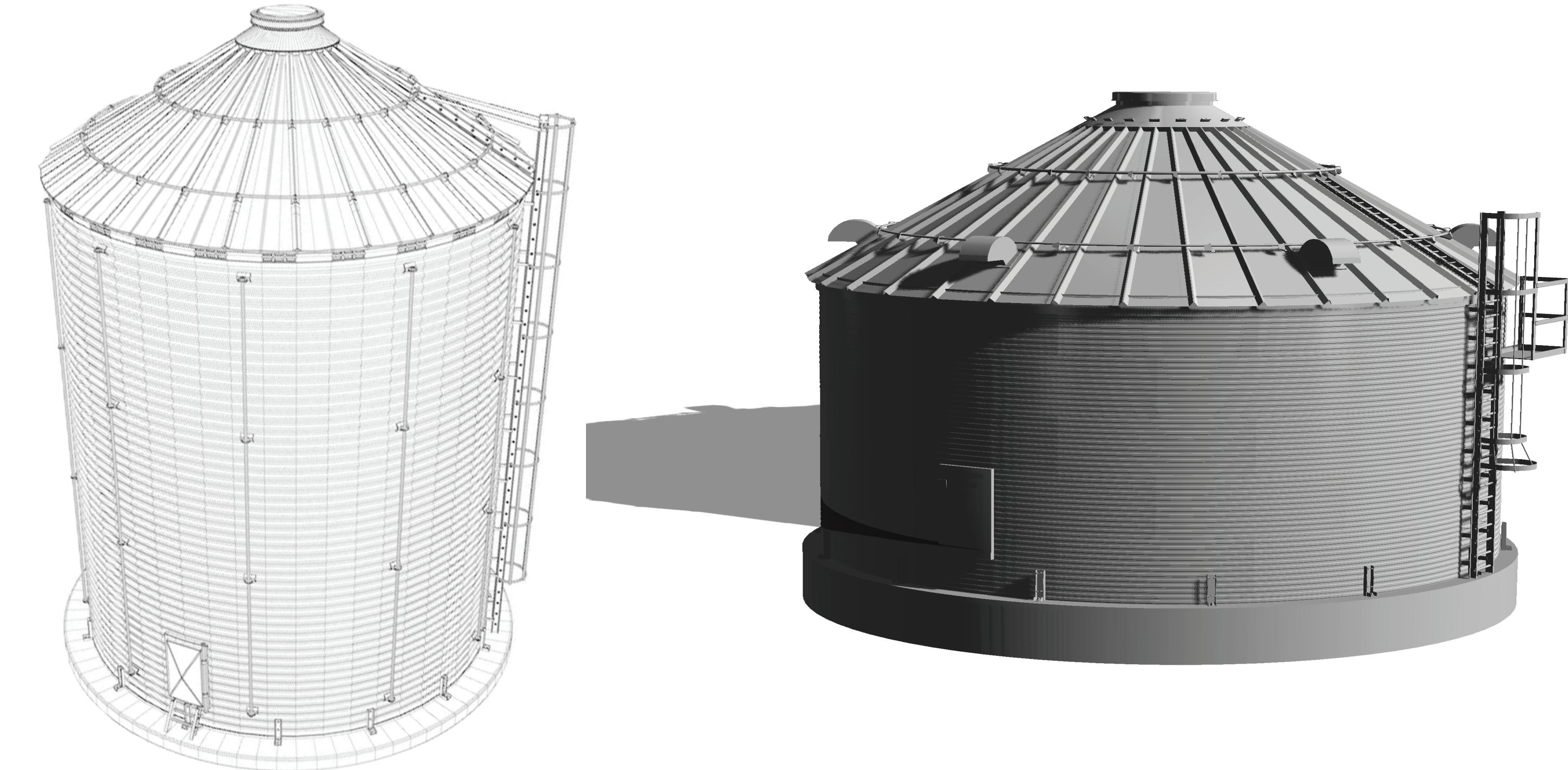
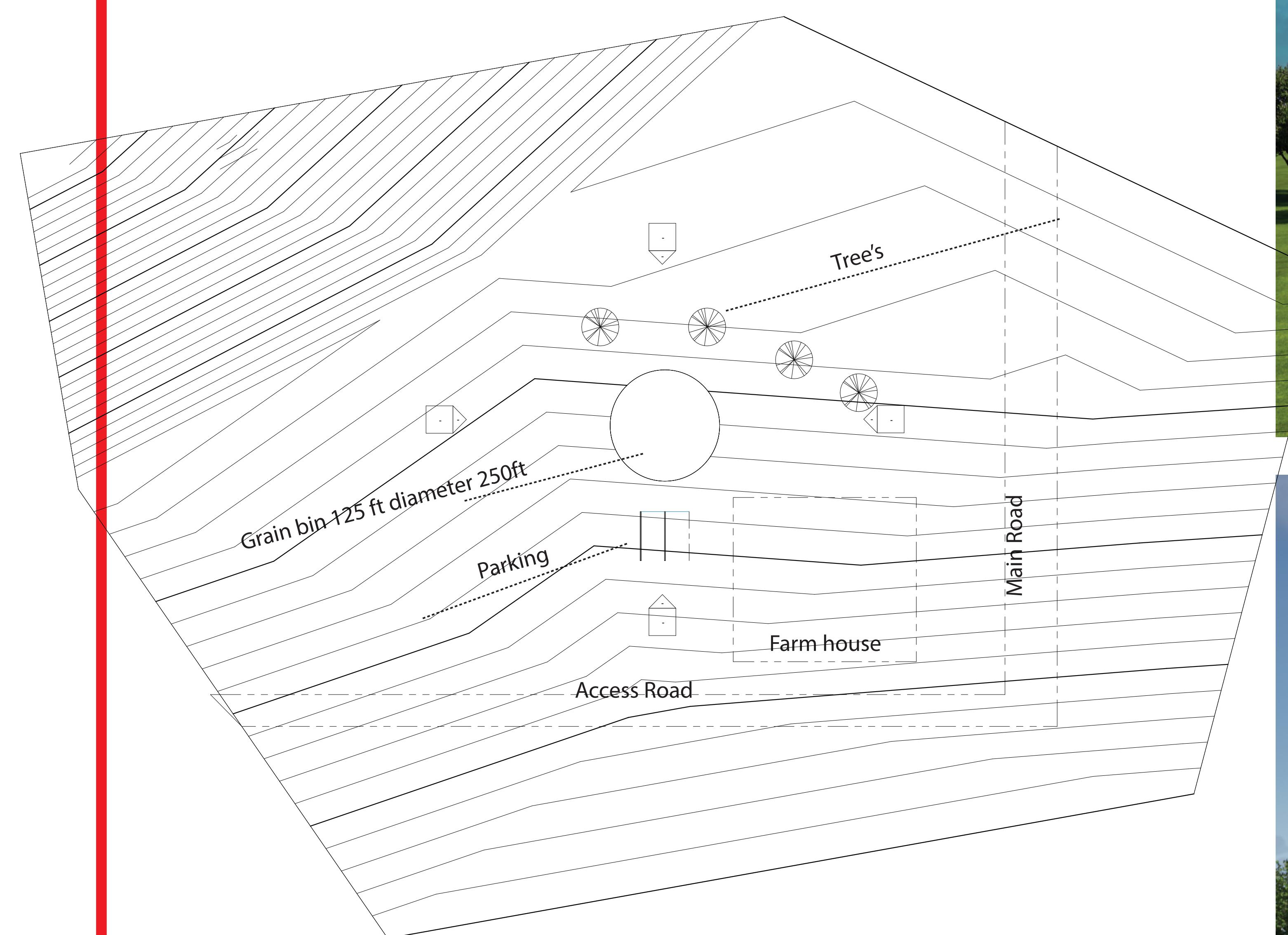
The SiloGuard project presents a comprehensive solution for farmers to effectively monitor the condition of their grain bins. Developed as a web application, SiloGuard offers real-time visualization of temperature and moisture readings within the grain bin. This innovative tool provides detailed insights through an intuitive interface, allowing farmers to ensure optimal storage conditions and prevent spoilage. The accompanying rendered images and specifications illustrate the grain bin design, sensor placement, and data visualization capabilities, underscoring the project's commitment to enhancing agricultural efficiency and productivity.



SILO BIN WITH INSIDE INTERIOR  
SENSORS VIEW



SILO BIN WITH TOP INSIDE INTERIOR  
SENSORS VIEW



Grain Bin Demo available:  
<https://hci584.pythonanywhere.com/>