MANAGING SAFETY ASSETS ON A UNIVERSITY CAMPUS
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Problem Statement
Managing safety inspections is conducted by using paper maps and documenting inspections in various formats. Equipment is referenced using basic floor plans. The proposed solution is to have safety asset data available in a central location making it efficient when crews are conducting safety inspections. The project is limited to two test locations: Appleton and East Hall.

Web Application
Creating the Web Application was accomplished by selecting a Web Template from ArcGIS Online. The application was configured and shared for users to access data safety data. Safety crews can access data in a single location to update equipment inventory using their smart mobile devices.

Spatial Components include
Being able to view on a map which buildings on campus lacking sprinkler systems. Where safety equipment is located, type of safety equipment, condition, and inspection cycle.

Numeric Scheme
The first two digits identify campus use. Third digit identifies the room type. Fourth digit identifies room descriptions.

Data Scrubbing
The process involves two types of Feature Classes. Those used for scrubbing and the final Feature Classes for the project. The final results are three Feature Classes to associate where safety assets are located.