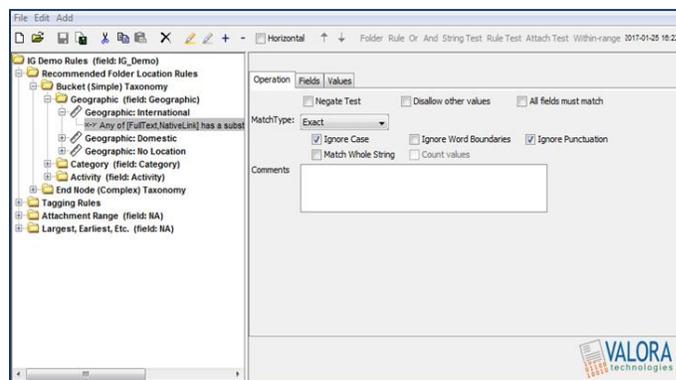# PowerHouse™ AutoClassification of University Blueprints & Records
Modernizing facilities records for a world-class research university

A world-renowned university was preparing to improve and modernize Information Governance policies throughout the entire institution, from the Facilities Department to Human Resources. Commonly ranked among the top 50 schools in America, this University challenges its students, faculty and infrastructure team to push for success. It's no surprise then that the goal to modernize information and records management should apply across the board, even to the most difficult of content assets – blueprints for every building, pipe, roadway and information infrastructure for over 235 acres of a suburban Boston campus.

To help the University Information Governance team get started, Valora Technologies hosted a campus-wide "Lunch and Learn" session to discuss how AutoClassification technology improves workflow, reduces manual efforts within departments, and stores rich metadata about every facet of university infrastructure for posterity. With demonstrations of PowerHouse and BlackCat, the group quickly identified several key use cases.

First up was the Facilities Department with a partially scanned hodge-podge of over 33,000 architectural drawings, some dating back to the university's founding nearly 100 years ago. With a variety of indexing formats, incomplete scans and no metadata or file indexing, the files were essentially a useless mess. Nothing was easy to find or locate, particularly on demand to support the ever-present construction and remodeling activities of a thriving university. As a result, every time a member of the Facilities Department needed to reference a drawing, they had to search through the entire collection!

PowerHouse Rules Engine Screen Shot

Complicating matters was the evolution of building names, addresses, numbering schema and renovations that occurred intermittently throughout the University's history. Without proper indexing, drawings of the same buildings over time were not grouped together to form a cohesive record. The Facilities Department needed a better, smarter solution, and so they turned to Valora.

After running the digital files through PowerHouse to automate as much of the metadata extraction as possible, Valora's team of highly-trained Professional Service Specialists reviewed the handwritten and faded text from the oldest drawings. With a complete set of metadata, Valora utilized its PowerHouse Rules Engine to establish strict document naming conventions, based on address, latitude/longitude, building documentation and the use of identifiable keywords.

Upon implementing the new system, University management reported significantly quicker retrieval efforts and a much improved response time for construction inquiries. They are so happy with the results that Information Governance team plans to implement PowerHouse AutoClassification across the entire records organization.