

Logo designs by Jack Edinger & Selena Qian

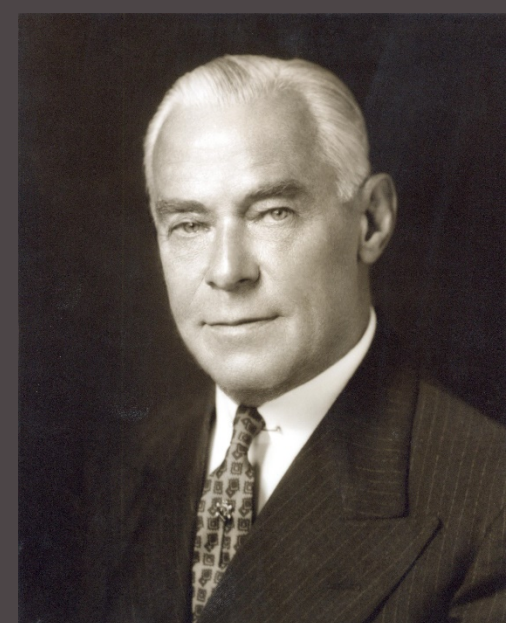
GOALS

Building Duke explores the history of the conception, design, and construction of Duke's campuses beginning in 1924 and tracking their changes and expansions through time. The project has two principal aims:

- To offer a historical narrative of the physical environment that the Duke community inhabits;
- To explore the desires and visions that contributed to the making of Duke's campuses.

INSPIRATIONS

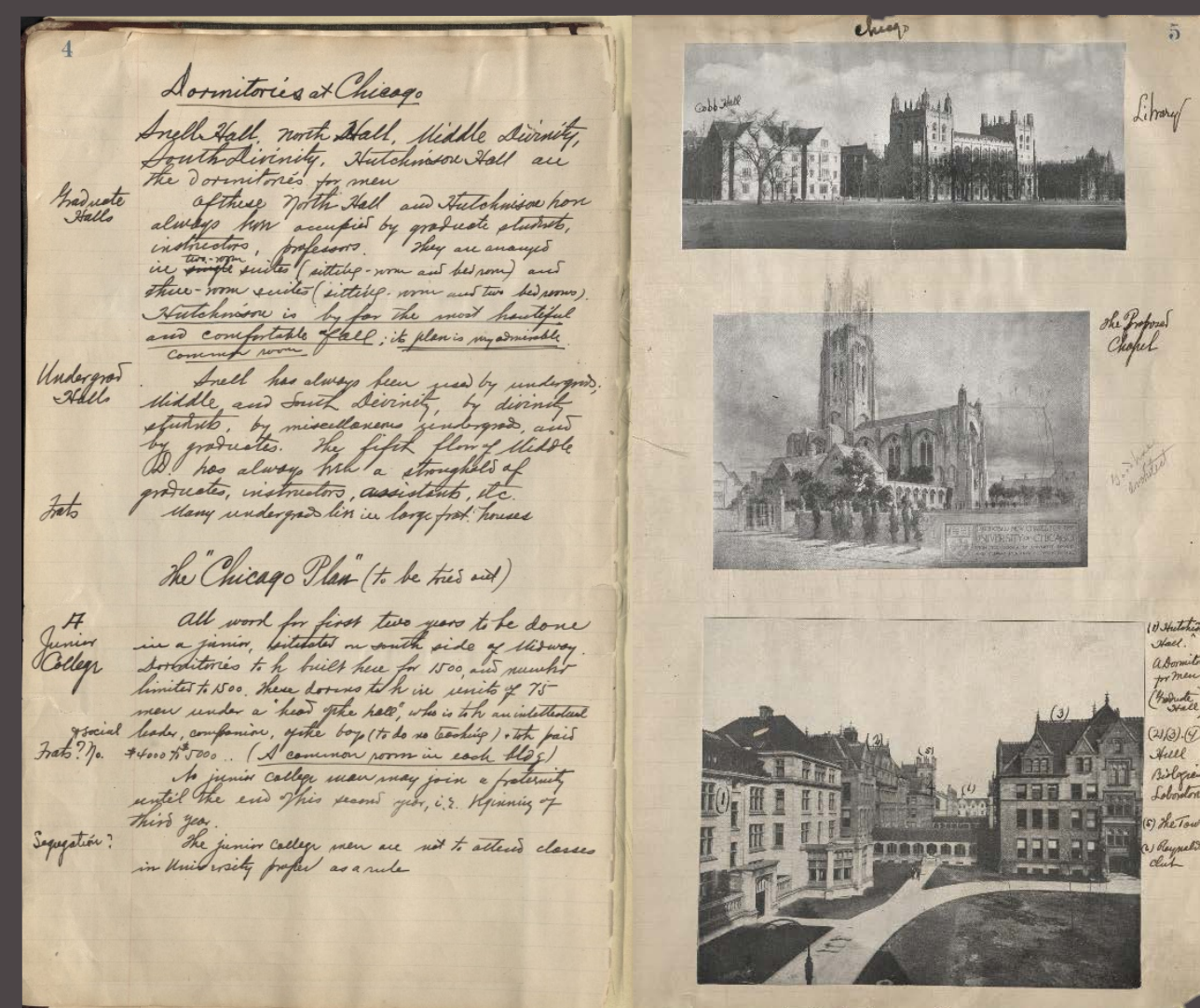
In the spring of 1924, Professor Frank C. Brown and President William P. Few visited 20 colleges across America in search of architectural inspirations for Duke's new campus.



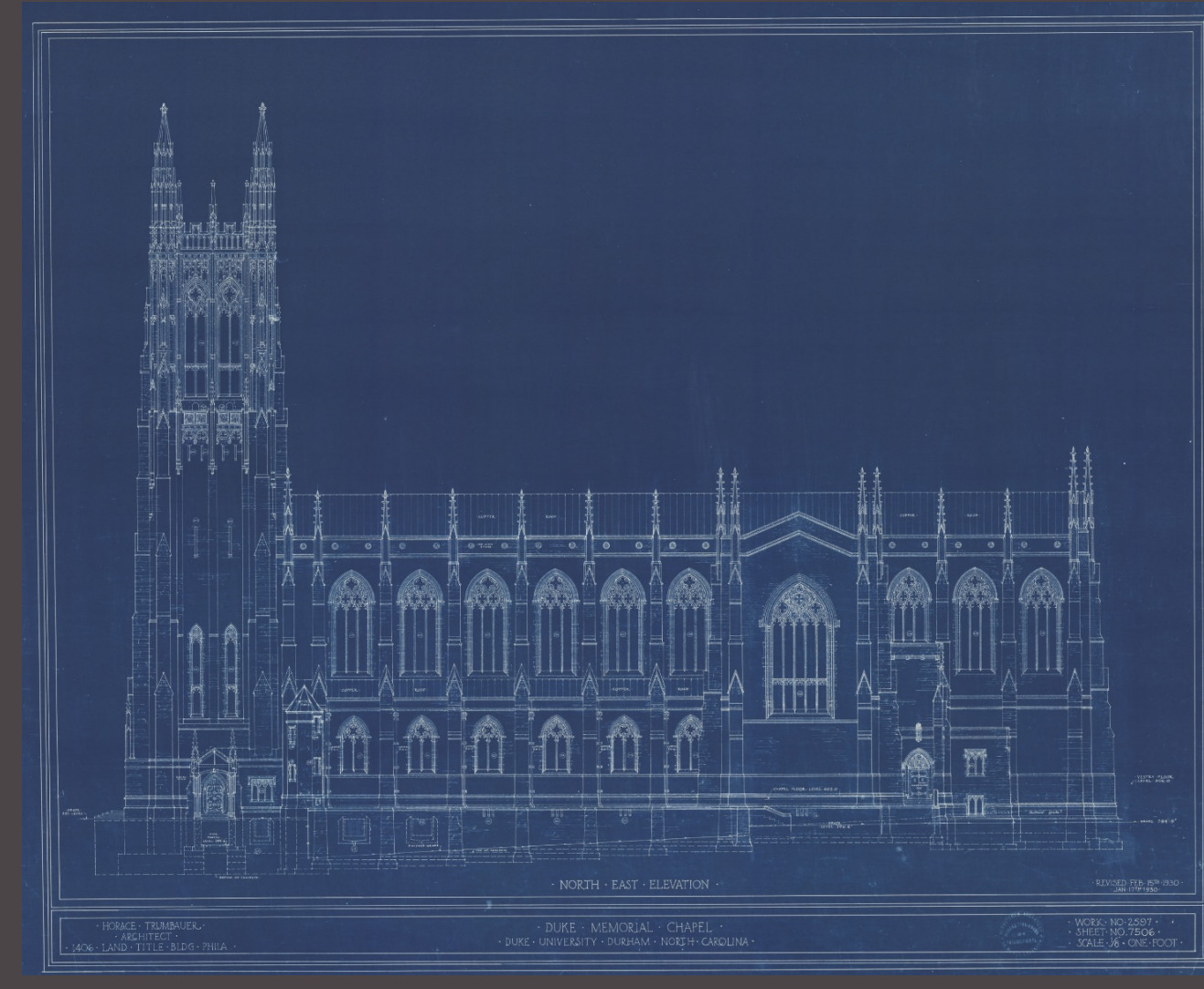
Prof. Frank C. Brown, Comptroller



President W. P. Few



Travel Diary of F. C. Brown and W. P. Few, March-April 1924. Duke University Archives.



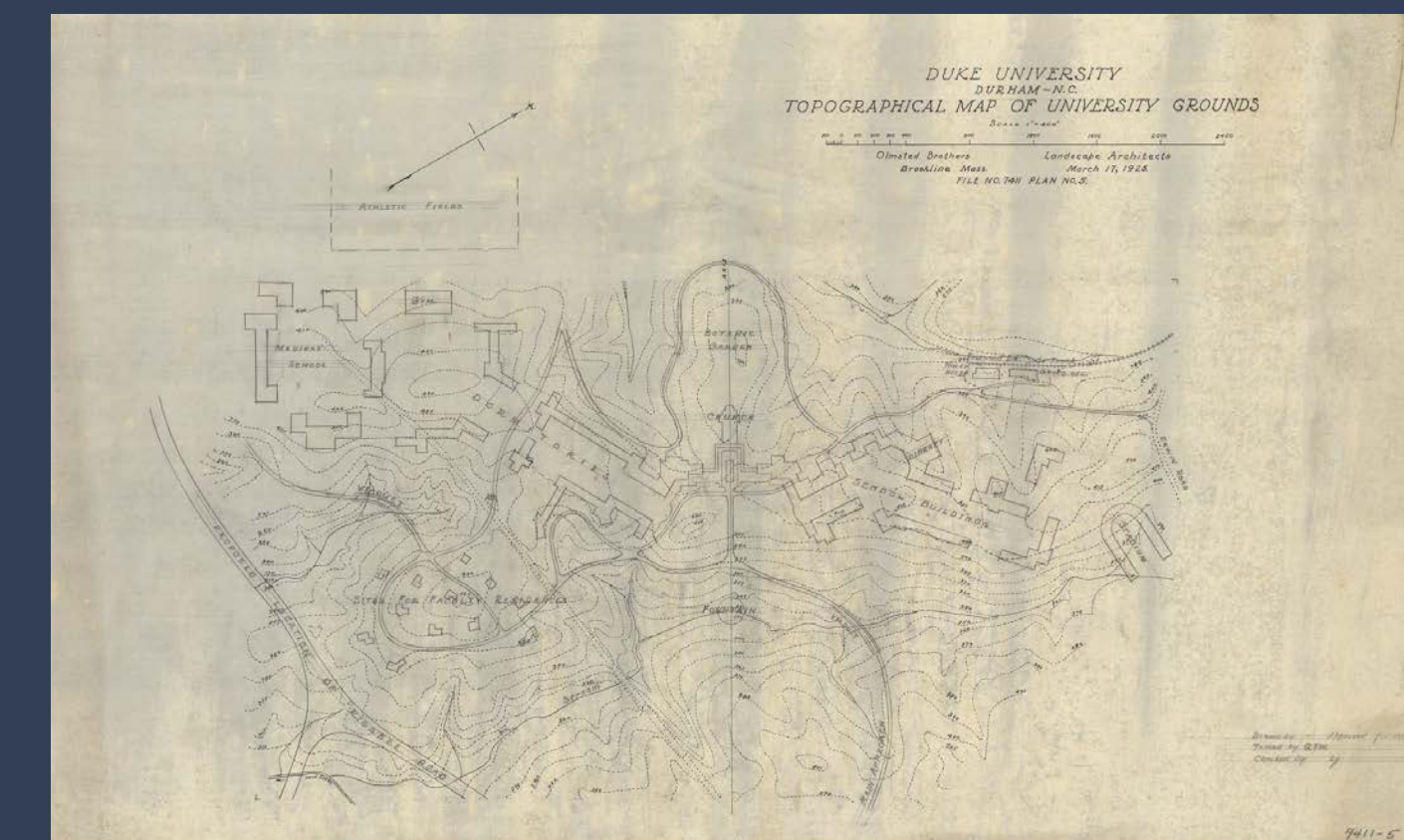
Blue Print of North East Elevation of Duke Chapel. Office of Horace Trumbauer, 1930. Olmsted Archives.



Duke Chapel construction nears completion. Photograph by former Duke student, Charles Wesley Clay, 1930s. Duke University Archives.

DUKES THAT NEVER WERE

Duke's two main campuses are visually defined by their architecture: Georgian on East, and Gothic Collegiate on West. However, these choices were not always set in stone. Early designs for the University variously propose a single campus on East, a 'Rainbow Fountain,' a rambling West campus, and the Ackland Museum (later constructed at UNC Chapel Hill) at the future site of the Allen Building parking lot.



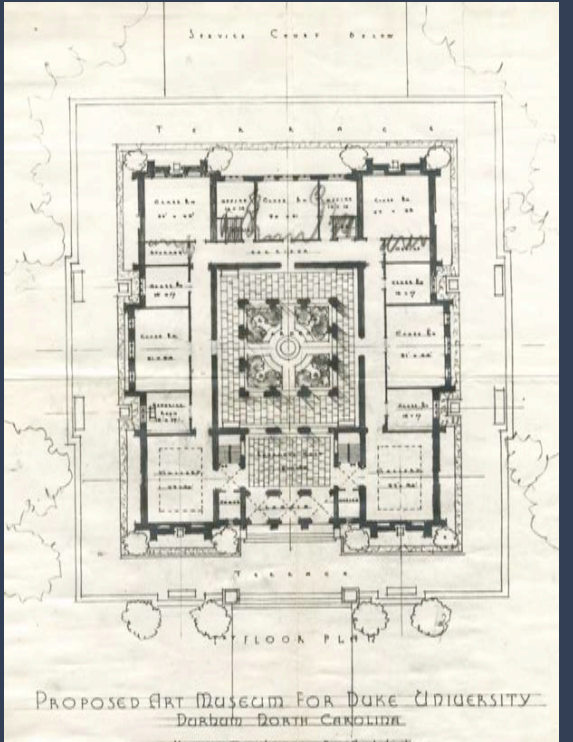
An early plan of West Campus. Olmsted Brothers, 1925. Olmsted Archives.



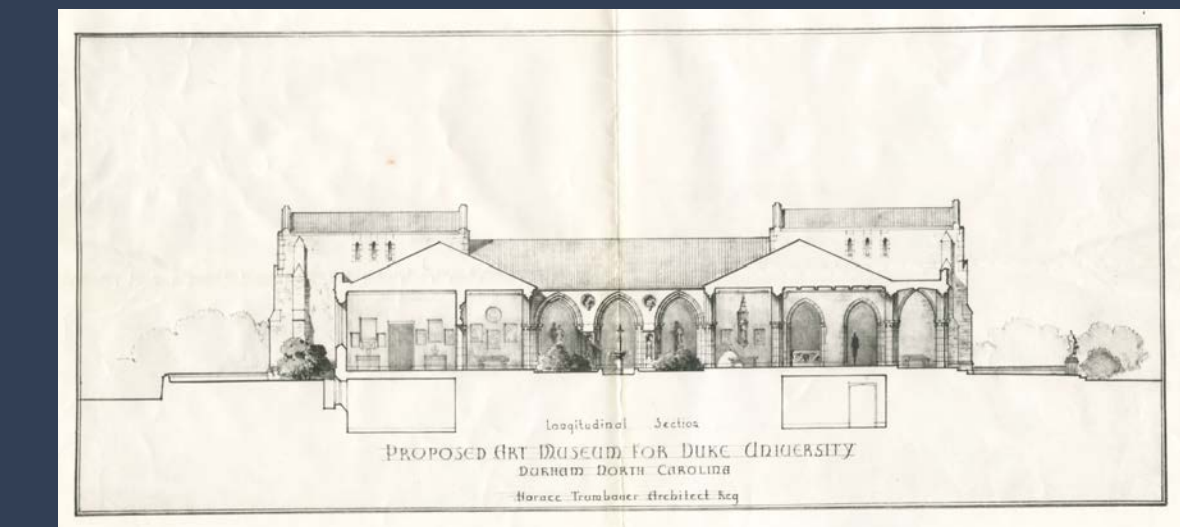
East before West? This 1924 design by Horace Trumbauer shows what a single-campus Duke may have looked like. Duke University Archives.



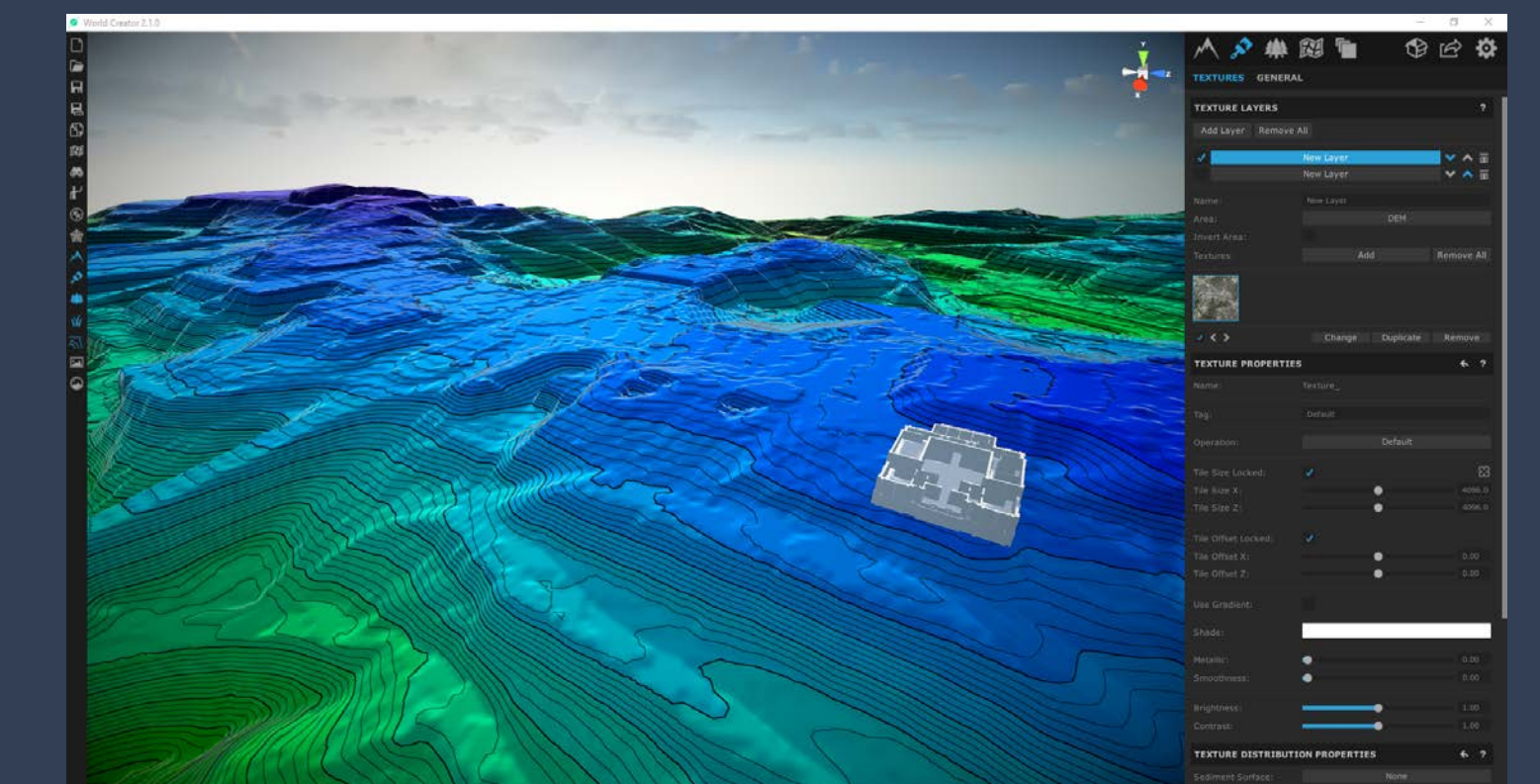
The 'Rainbow Fountain' may have been a defining feature of West Campus. Olmsted Brothers, 1925. Olmsted Archives.



Above: 1st Floor Plan of the Ackland Art Museum for Duke. Office of Horace Trumbauer, ca. 1938. Duke University Archives.



Left: Longitudinal section of the Ackland Art Museum for Duke. Office of Horace Trumbauer, ca. 1938. Duke University Archives.



3D model of the 1925 Ackland Art Museum in its proposed topographical location on West Campus. Model by Juan Lasso Velasco.

METHODS

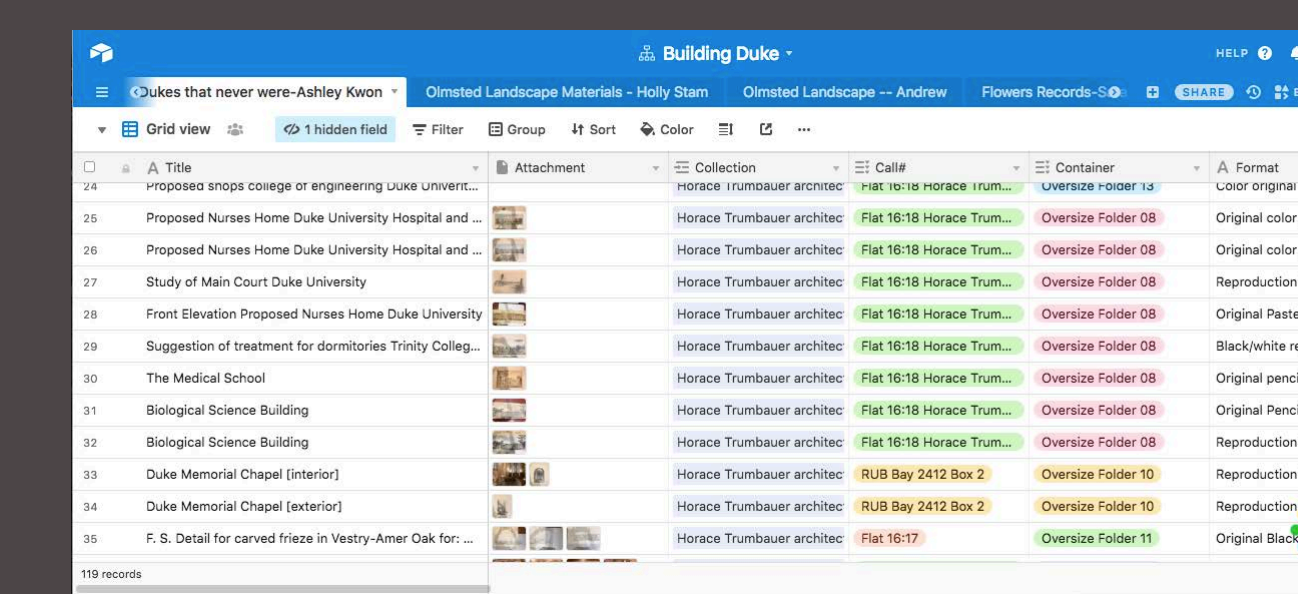
- Archival data collection and digitization
 - Relational database
- Storytelling
 - 360-degree photography
 - Time-based media
 - Story maps
 - Interactive timelines
 - Online exhibits
- Visualization and analysis
 - 3D modeling and data capture
 - Historical Geographic Information Systems



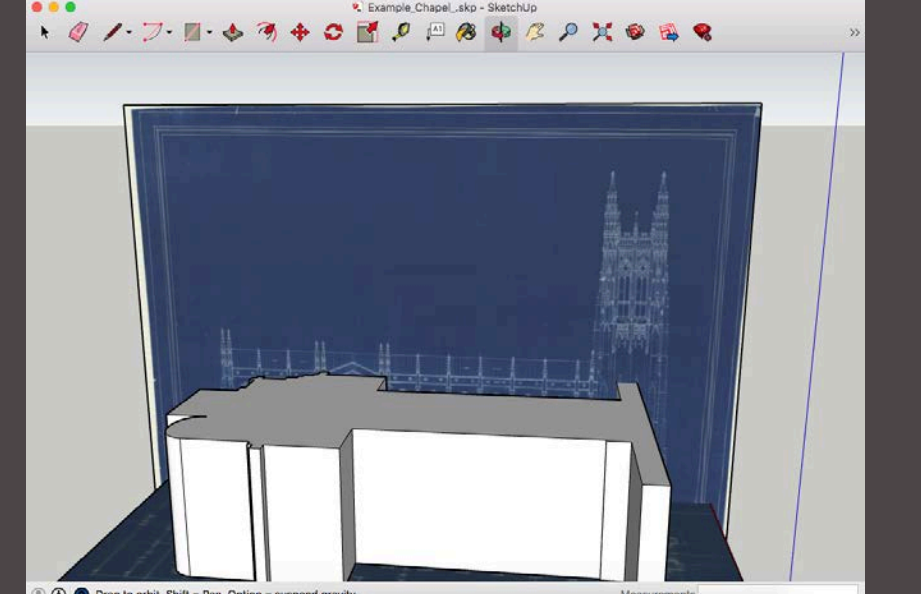
Priya Parkash and Rayhan Jhanji researching the University Archives Collection.



The team explores 360-degree photographic views of West Campus.



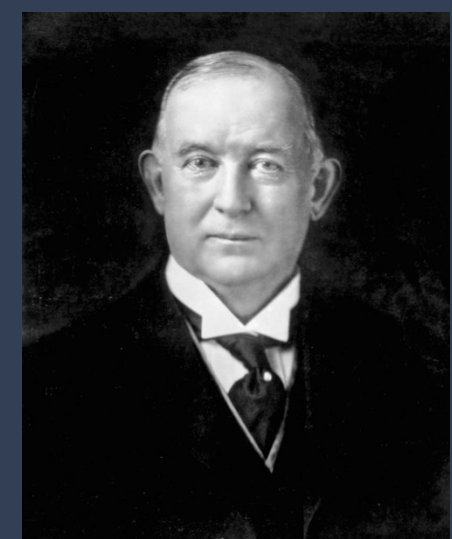
Building Duke data is maintained in a relational database on Airtable.



SketchUp 3D model of Duke Chapel.

DESIGN & CONSTRUCTION

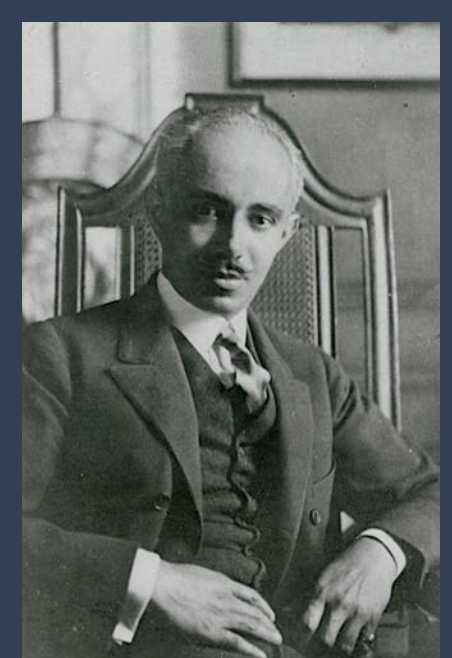
The transformation and expansion of Trinity College into Duke University began in 1924 and lasted nearly a decade. This initial phase of construction produced the distinctive spaces and structures of East and West Campus, around which Duke continues to grow.



J. B. Duke, Patron



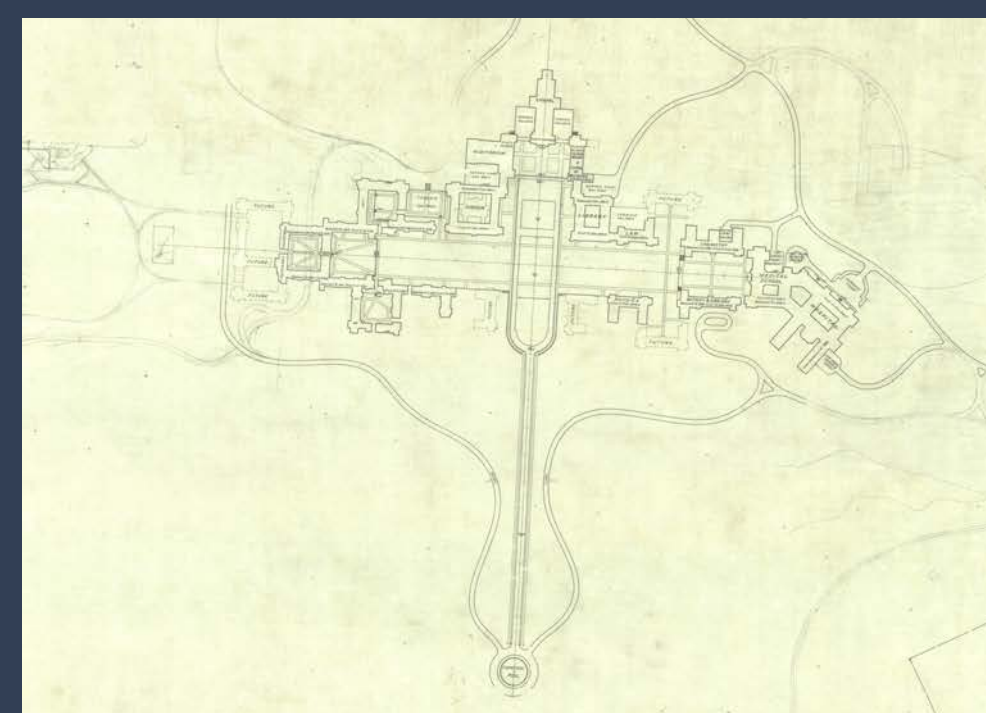
A. C. Lee, Chief Engineer, Duke Construction Co.



Julian Abele, Architect



Horace Trumbauer, Architect



General plan for West Campus. Olmsted Brothers, 1927. Olmsted Archives.



Above: 3rd Floor Plan of Duke University Hospital with segregated women's surgical wards, 1920s. Duke University Archives.

Left: Aerial photograph of Duke University Hospital, 1930s. Duke University Archives.



Frederick Law Olmsted Jr. (center) and Percival Gallagher (right), Landscape Architects



East Campus under construction. Olmsted Brother, 1920s. Olmsted Archives.

NEXT STEPS

- Data analysis and contextualization
- Results output
 - online relational database of both textual and visual archival material on the architectural history of Duke campus;
- an interactive digital 3D model of campus developments since the 1920s;
- a series of multimedia thematic narratives on the history of the campus, combining texts, images, audio, video, and digital timelines;
- a series of augmented reality tours of selected buildings and spaces.

Leaders

Sheila Dillon, Classical Archaeology, AAHV, Wired Lab
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Valerie Gillispie, University Archivist, Duke Libraries
Kristin Huffman, Art History, AAHV, Wired Lab

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Andrew Lin, Abby Shlesinger, Aaron Young