CHANGING THE LANDSCAPE: EXPOSING THE LEGACY OF MODERNIST ARCHITECTS & LANDSCAPE ARCHITECTS
2-year, CLIR-funded project to arrange, describe, and make available six modernist architect & landscape architect collections

Matthew Nowicki’s Dorton Arena, Raleigh, North Carolina
CHANGING THE LANDSCAPE: EXPOSING THE LEGACY OF MODERNIST ARCHITECTS & LANDSCAPE ARCHITECTS
40,000 original drawings + project files
Approximately 1,200 linear feet
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NCSU students examining drawings

BENEFITS & CHALLENGES
Our project goals

• Process materials
• Conduct a cost analysis
• Develop efficient processing procedures
• Examine archival practice from a 360° view
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From this to this
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 COST ANALYSIS

Screenshot of our timing database
<table>
<thead>
<tr>
<th>Time</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Authority Work</td>
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<tr>
<td>Barcoding and Labeling</td>
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<td>Collection Review</td>
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<tr>
<td>Description</td>
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<td>Folder Listing</td>
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<td>Project Tracking</td>
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<tr>
<td>Rearranging</td>
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<td>Refolding Drawings</td>
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<tr>
<td>Refolding Papers</td>
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<tr>
<td><strong>Total hours</strong></td>
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<tr>
<td><strong>Total cost (@ $14.00/hr)</strong></td>
<td>$1,536.50</td>
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### Supplies

<table>
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<tr>
<th>Supply Type</th>
<th>Cost per Item</th>
<th># of Items</th>
<th>Total</th>
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<tbody>
<tr>
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<td>$5.85</td>
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<td>$286.65</td>
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<tr>
<td>Folders</td>
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<td>490</td>
<td>$171.50</td>
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<tr>
<td>Tubes*</td>
<td>$16.09</td>
<td>43</td>
<td>$691.87</td>
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<tr>
<td>Flat Folders</td>
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<tr>
<td>Flat Boxes</td>
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<td>$134.75</td>
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<td>Album Boxes</td>
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<td><strong>Total</strong></td>
<td>$1,437.47</td>
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*Includes tube core, wrapping paper, and tying tape

**Grand Total**  $2,973.97  
**Total per linear foot**  $64.37
Year 1: We have completely processed all six of the proposed grant collections, which measure 1336 linear feet.

Year 2: We’ve added approximately 30 additional collection, effectively eliminating the entirety of our architectural backlog.

Beehive storage
EFFICIENT PROCESSING

• Hired experienced processors
• Most collections were very organized
• Repurposed all available information
• Metadata is easy to collect from drawings
• Cross departmental collaborations
One of our workspaces
EFFICIENT PROCESSING

.csv files (Excel) to Archivists’ Toolkit container lists

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Dorton Arena

Architect: Detrick, William (Read the biography ▪ in North Carolina Architects and Builders.)
Nowicki, Matthew (Read the biography ▪ in North Carolina Architects and Builders.)

Built: 1952

Geographic Location: Raleigh (N.C)

Architectural note: Its design features a steel cable supported saddle-shaped roof in tension, held up by parabolic concrete arches in compression. The arches cross about 20 feet above ground level and continue underground, where the ends of the arches are held together by more steel cables in tension. The outer walls of the arena support next to no weight at all.

The J.S. Dorton Arena (known to its architect as the Paraboleum) is a 7,610-seat multi-purpose arena in Raleigh, North Carolina, on the grounds of the North Carolina State Fair.

It was opened in 1952. Architect Matthew Nowicki was killed in an airplane crash before the construction phase, and local architect William Henley Detrick supervised the completion of the arena using Nowicki's innovative design. Incorporating an unusual elliptical design by Matthew Nowicki, of the North Carolina State University Department of Architecture, the arena was listed in the National Register of Historic Places on April 11, 1973. Originally named the "State Fair Arena," it was dedicated to Dr. J. S. Dorton, former North Carolina State Fair manager, in 1961.

It is currently the home of the Carolina Railhawks (WFTDA). In the past, it has served as the home of numerous sports teams. The longest serving tenant was the Raleigh IceCaps (ECHL) ice hockey team from 1991–1998. The American Basketball Association's Carolina Cougars also played some games there from 1969–74. Besides hosting sporting events, the arena is also used for concerts during the North Carolina State Fair. Various conventions and fairs also use floorspace of the arena as an exhibition space, often in conjunction with the neighboring Jim Graham building. The arena was also the site of a 2010 FIRST FRC regional robotics competition and was the first space to hold a regional in the state.

Map

Front and half end elevations and door and window details

Door elevations and door hardware details
EFFICIENT PROCESSING

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Changing the Landscape
@SCRC_landscape NCSU, Raleigh, NC
Changing the Landscape is a project to arrange & describe archival collections of 6 modernist architects & landscape architects who influenced modernism.
http://news.lib.ncsu.edu/changinglandscape/
Questions?
emily_walters@ncsu.edu