

A museum designed to share a story

WA School for the Deaf

Northrop Hall | Alumni Center Museum

CLIENT REQUEST

Create a calm, accessible museum environment where historic school memorabilia and mascot uniforms can be thoughtfully displayed, with technology seamlessly integrated into a cohesive visitor experience.

THE SOLUTION

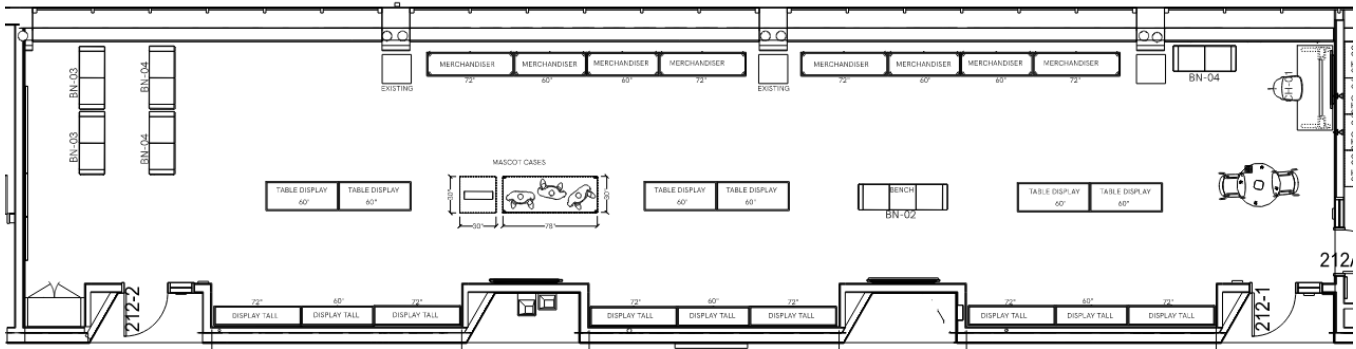
Develop highly customized solutions—including custom display cases—while using CET visuals to bridge communication barriers and clearly convey the design approach.



AI visualization generated using Configura AI Photo Extension

From an open room to a coordinated experience

The CET 2D drawing became the single place to test the entire museum - circulation, displays, seating, work points, scale, and finish relationships.



- 1 Plan**
Lay out the gallery and protect clear movement around displays, seating, and the workstation.
- 2 Coordinate**
Place manufacturer products and confirm sizes and spatial relationships in context.
- 3 Refine**
Fine-tune finishes and product placement in the same model used to communicate the design.

A RESTRAINED MATERIAL LANGUAGE

Natural maple, silver and satin nickel establish a gallery-neutral foundation. Deep green upholstery and Rainforest accents connect the furniture to the school's identity while allowing the collection of school memorabilia to remain the focus.

Why CET mattered

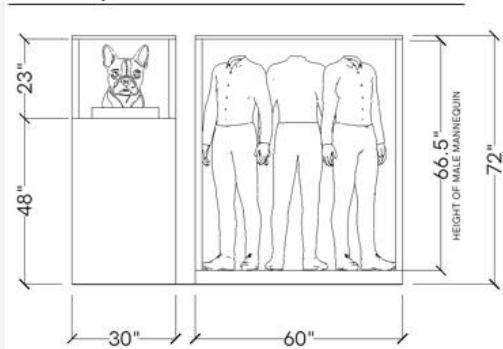
Planning and visualization stayed connected. Each change could be evaluated spatially and aesthetically before the story was presented.



Designing Beyond the Standard Catalog

The museum’s signature challenge was giving its oversized mascot uniforms the same level of protection and presence as the rest of the collection. Using 3D Modeling in CET, supported by AI-assisted visualization, the custom display solution was developed and evaluated before fabrication, giving the client a clear view of the proposed installation. Dimensioned drawings and reference images provided the manufacturer with clear production guidance while helping the client understand how the finished solution would fit within the space.

Elevation | Mascot Cases

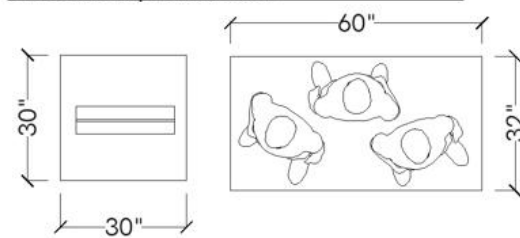


Ghent | Mascot Uniform Case
60W x 32D x 72H
4H Base Platform
Cases Attached to Floor
Qty: 1

Ghent | Mascot Head Case
30W x 30D x 72H
48H Base Platform
Qty: 1

Uline | Mannequin
Shoulders: 22"
Chest: 41"
Waist: 32"
Hips: 35"
Height: 66.5"H
Shoe Size: 10
Qty: 3

2D Plan View | Mascot Cases



AI visualization generated using ChatGPT

CUSTOM-CASE WORKFLOW

RESEARCH

Research stock images and manufacturer sites to identify viable product solutions.

DEFINE REQUIREMENTS

Collaborate with the client to define requirements and develop a tailored solution.

CREATE AI CONCEPT VISUALS

Use ChatGPT to combine references and create visuals of the proposed product solution.

CREATE 3D VISUALS IN CET

Translate mannequin and mascot dimensions into display-case requirements using 3D shapes in CET.

VERIFY PLANS AND ELEVATIONS

Use plan views and elevations to verify proportions, platform heights, clearances, and fit.

GENERATE AI-ASSISTED VISUALIZATION

Use Configura AI Photo Extension to showcase standard and custom products within a cohesive environment.



03 | MAKE THE DESIGN IMMEDIATELY UNDERSTANDABLE

The rendering became a decision-making view

Project visuals produced and supplied by Brandee Sheldrake
AI visualization generated using Configura AI Photo Extension

One model. A complete story.

A single CET drawing connected the project's technical requirements with its human experience. The plan established order and scale; manufacturer catalogs supported accurate specifications of standard products; and 3D modeling brought custom elements for specialized exhibits to life. The final rendering revealed the intended visitor experience—bright, organized, calm, welcoming, accessible, and archival—all rooted in the school's identity.

THE WINNING FORMULA

PLAN + SPECIFY + CUSTOMIZE + VISUALIZE

A coordinated design narrative built and communicated in CET.