

Sheldon Museum of Art

Architect Philip Johnson

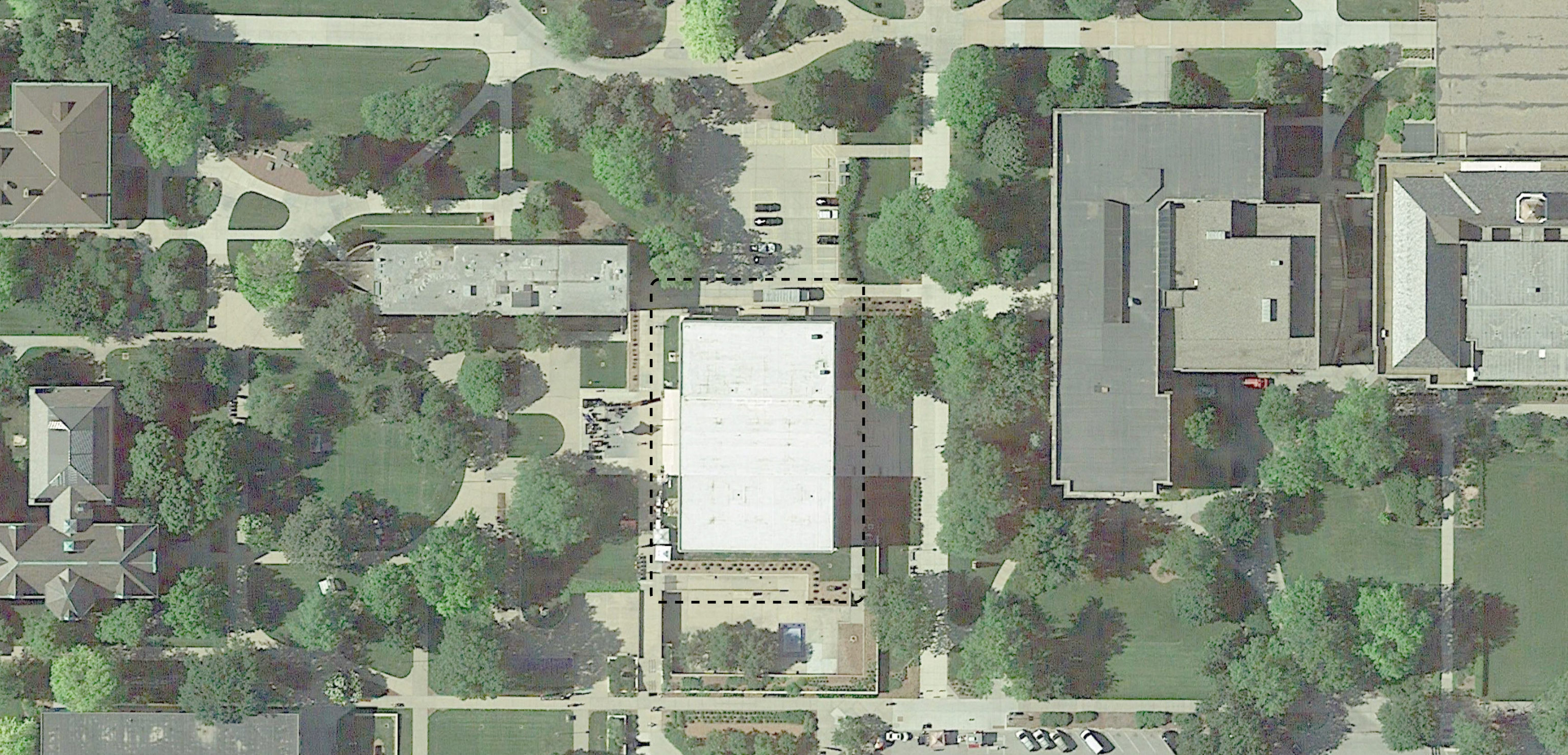
An exploration of curvature in a
historically inspired gallery space

Lawrence Technological University | Visual Communication 4
Professors Kristen Smith + Aaron Jones

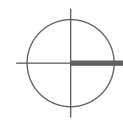
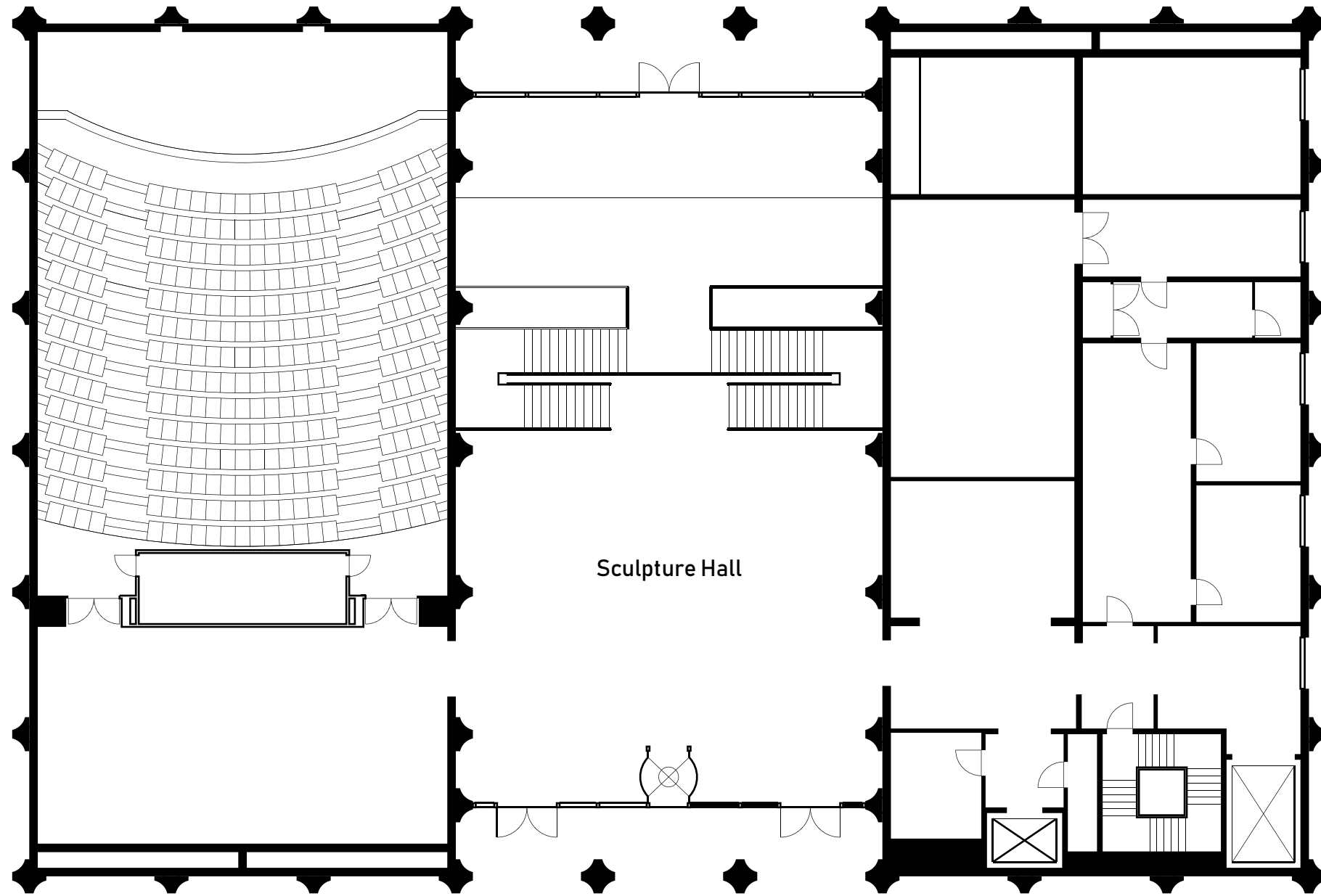
Nicholas Peruski + Lucas Blair

March 26, 2019

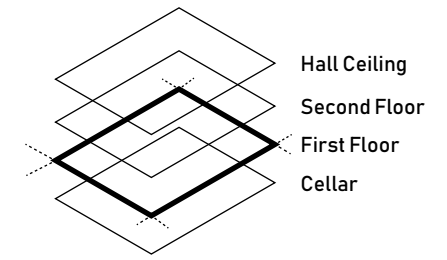
Echoing early nineteenth century museums, Johnson drew from Byzantine forms of freehand arches and curves with the gold leaf of Rococo. The Sculpture Hall is a space where the entasis of a column and the pendentives that surround elliptical ceiling panels create visually corrective forms. Built from travertine and topped with a luxurious gold, the museum stands as a monument to both the art it homes and the architecture of yesterday that inspired it.

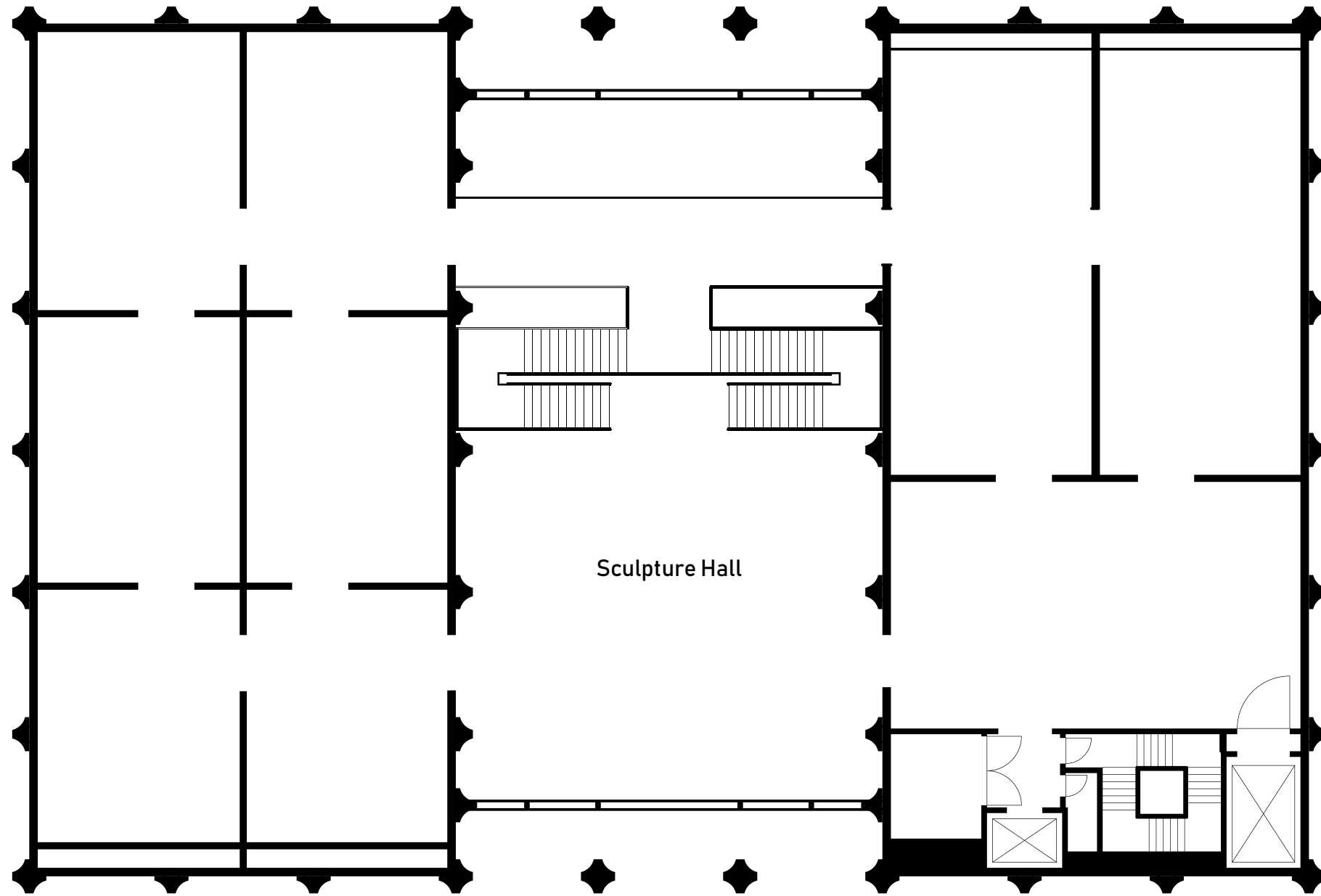


12th and R streets on the campus of the University of Lincoln, NE 68508

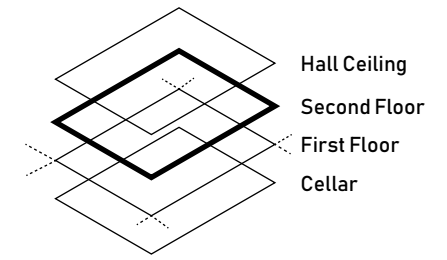


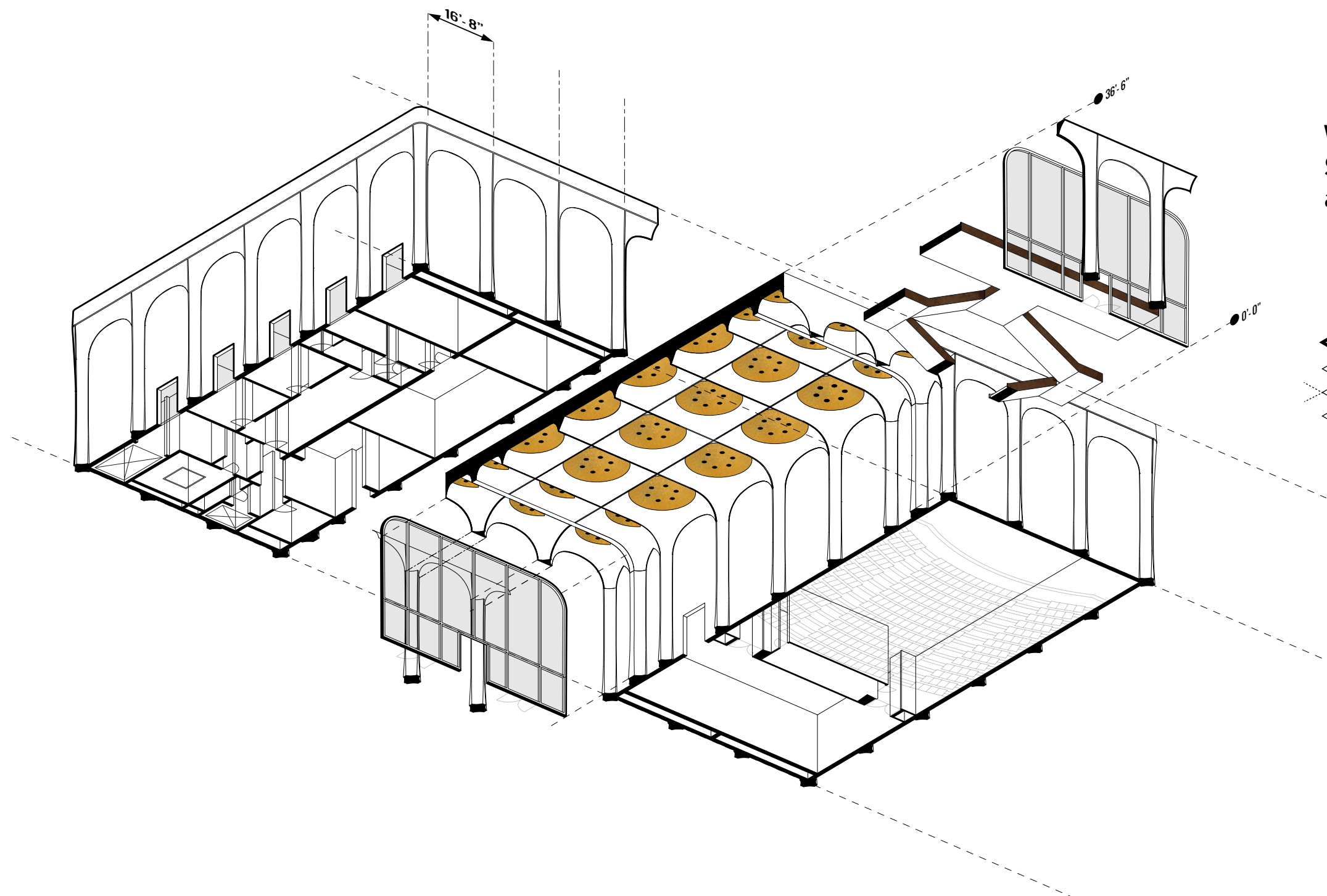
First Floor Plan



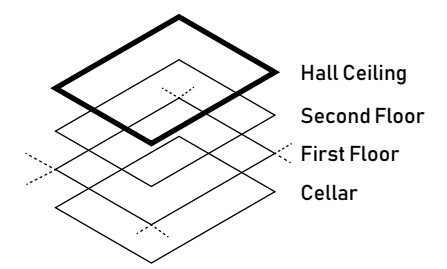


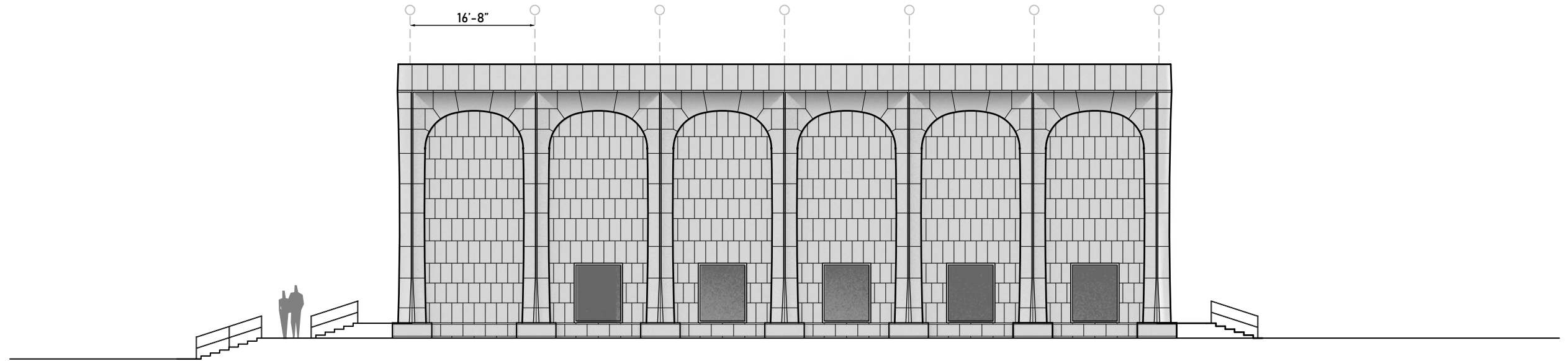
Second Floor Plan



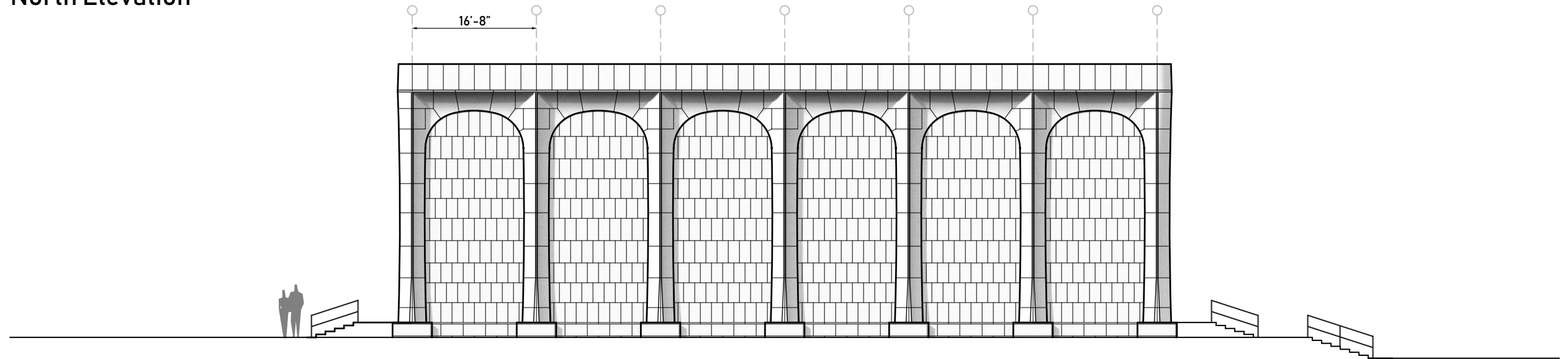


Worm's-eye View of
Sculpture Hall Ceiling
and Key Elements



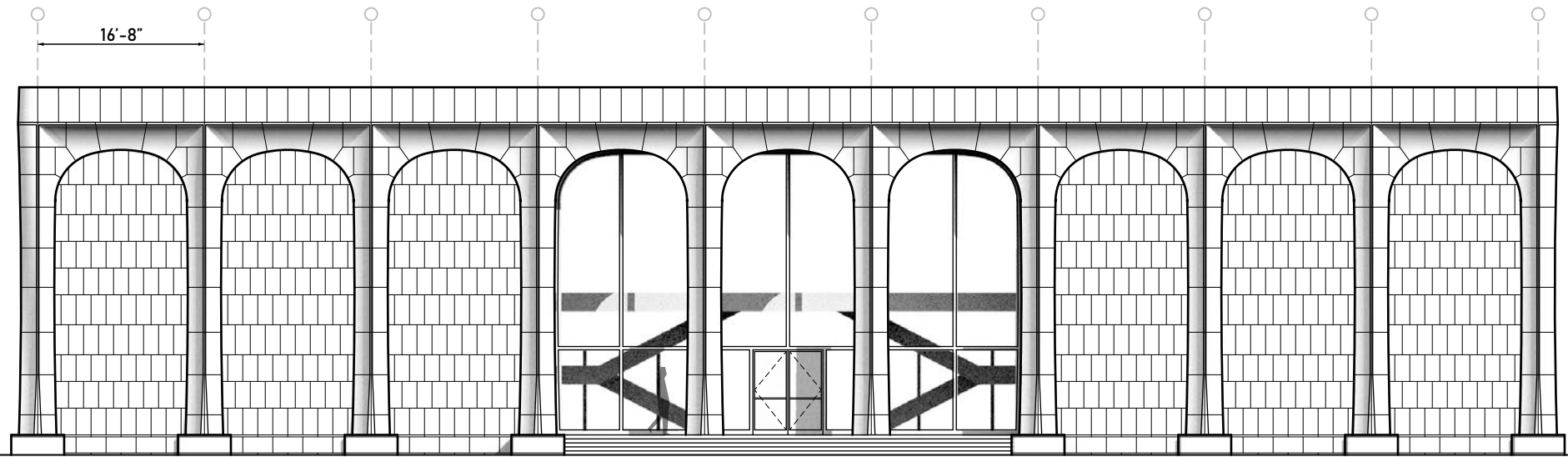


North Elevation

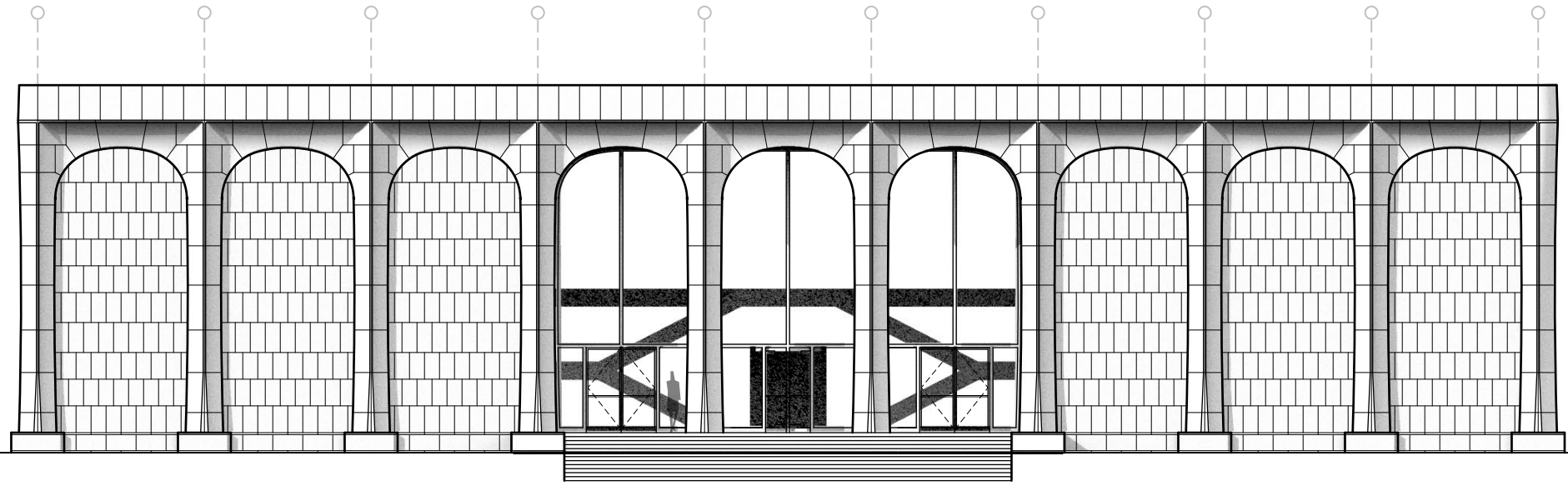


South Elevation



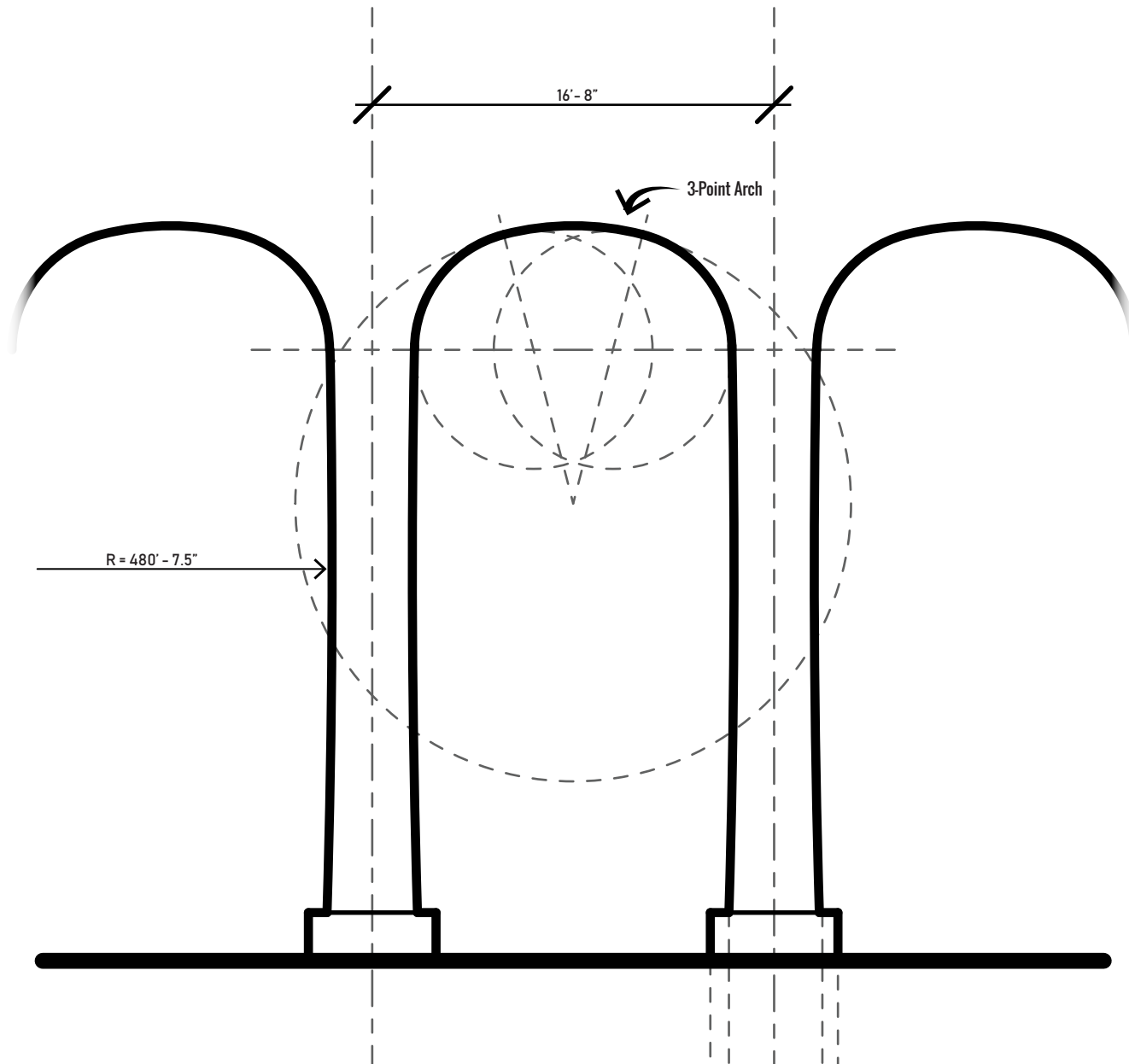


West Elevation

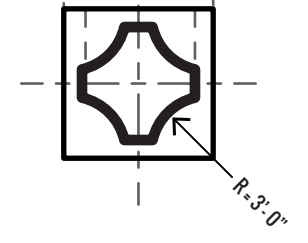
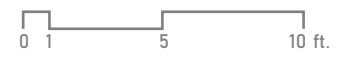


East Elevation





Three-point Arch and Column
Elevation Geometry Analysis



SCULPTURE HALL CEILING AND ROOF COMPONENTS

SHELDON MUSEUM OF ART LINCOLN, NEBRASKA

Nicholas Peruski + Lucas Blair

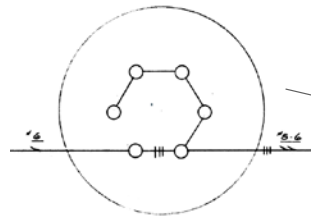
Visual Communication 4

Kristen Smith | Aaron Jones | 7 May 2019

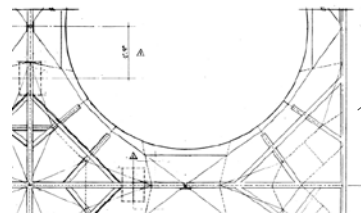
Inspired by construction photos and original building documents, this inverted and exploded model reveals the layers of construction behind the Sheldon's iconic gold panels.

The complexity and merging of static materials, HVAC and electrical systems reveal the hidden functions of the "gold buttons."

A dive into these ceiling and roof layers provide an understanding of both design and system integrations.



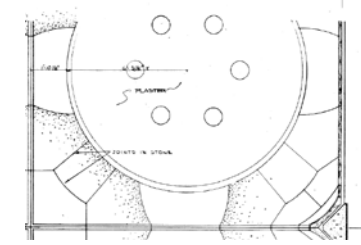
Electrical



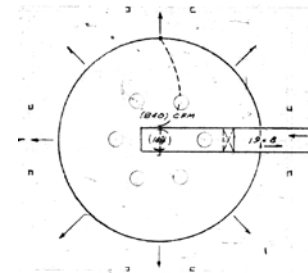
Steel Frame



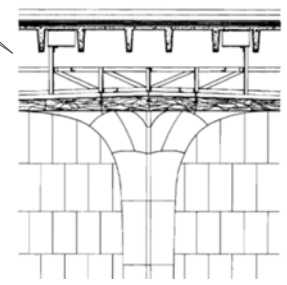
Steel Frame +
Metal Deck



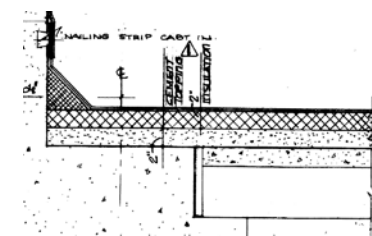
Travertine Joineries



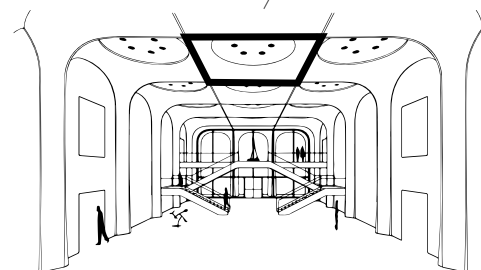
Ductwork



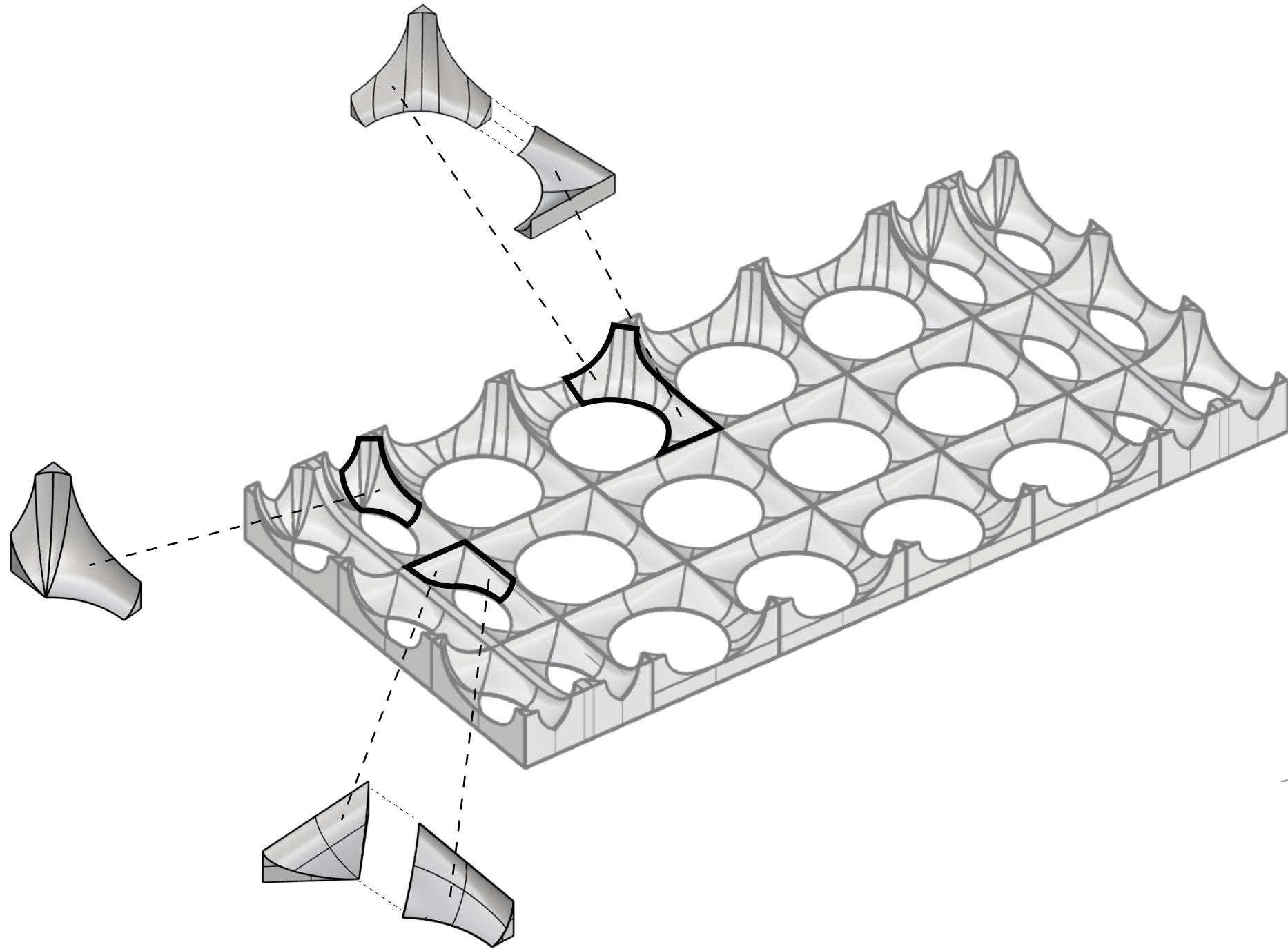
Concrete Slab +
Metal Deck



Insulation +
Cement Topping



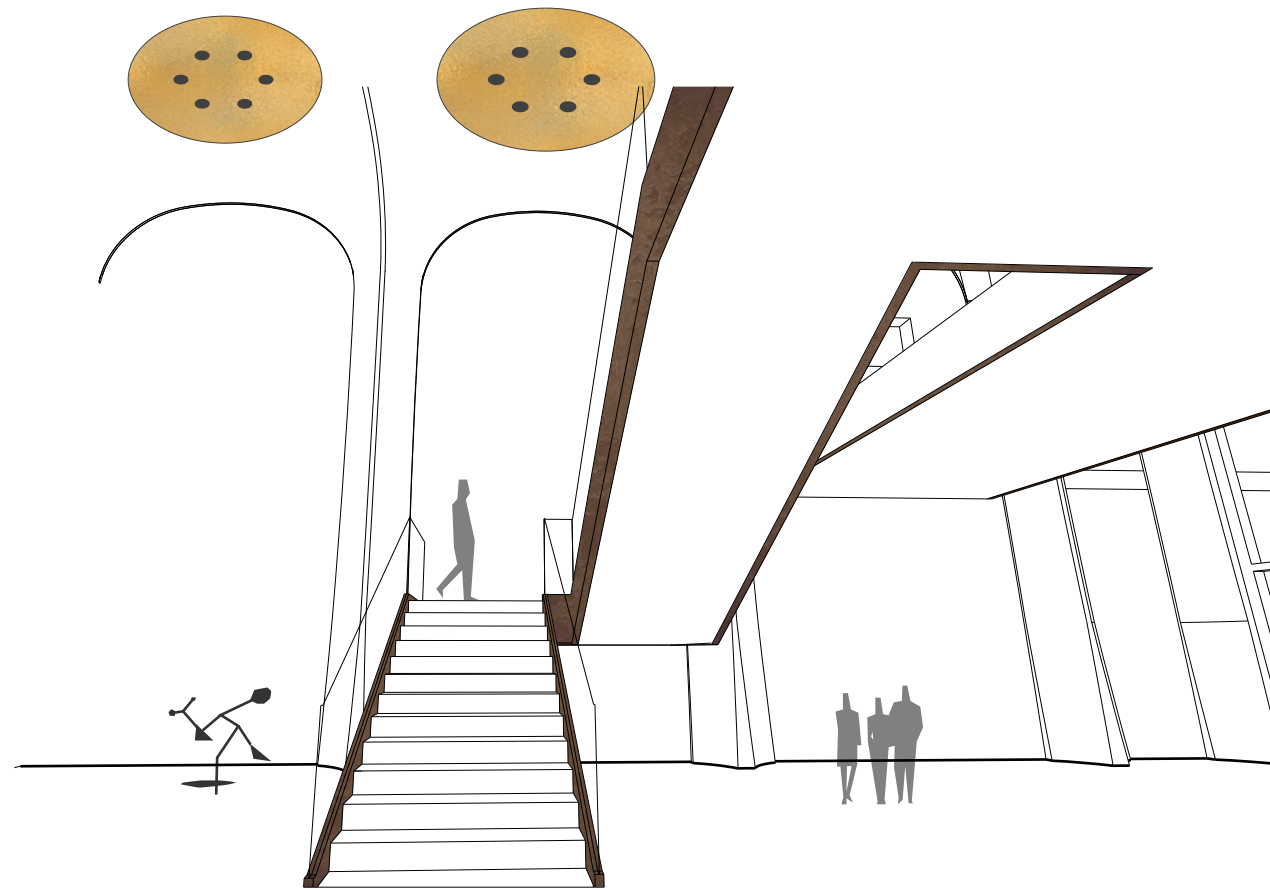
Sculpture Hall



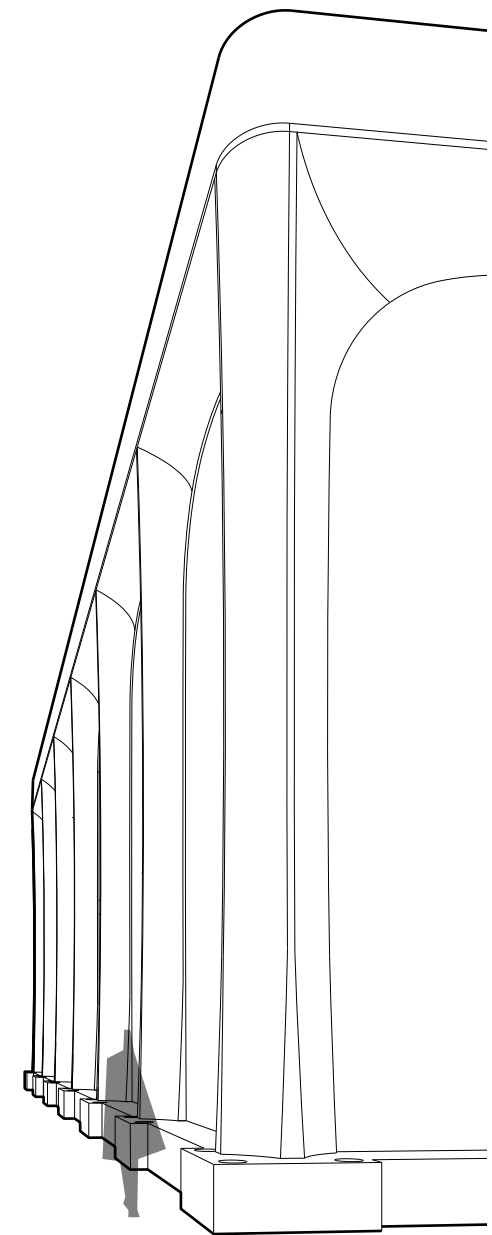
Unique Digital Model
Segments for
Ceiling Geometry



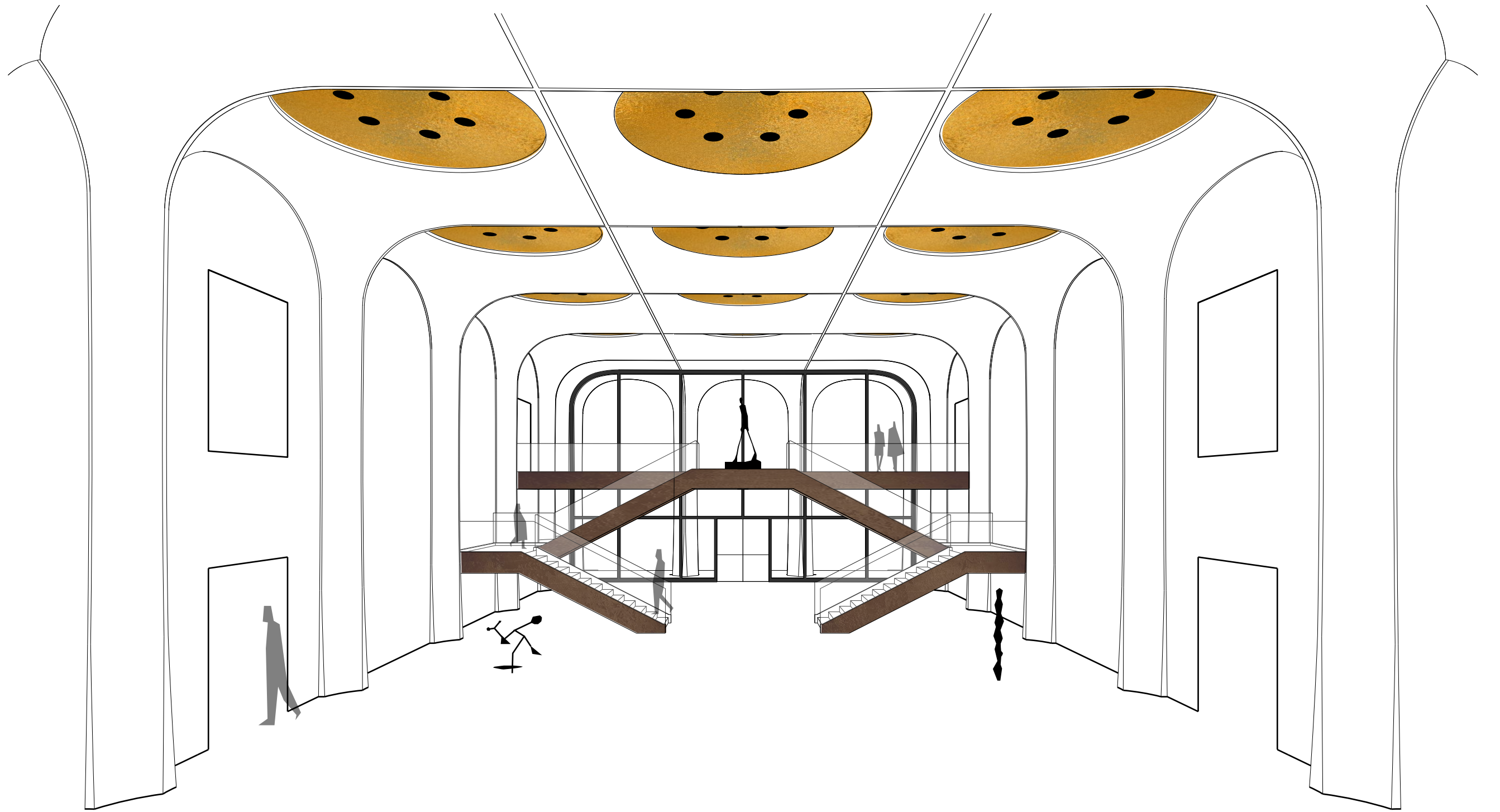
East Entrance



Sculpture Hall



South Façade





Ceiling



Columns + Pilasters

Silicone Molds from 3D Printed Pieces for Attempted Plaster Casting







