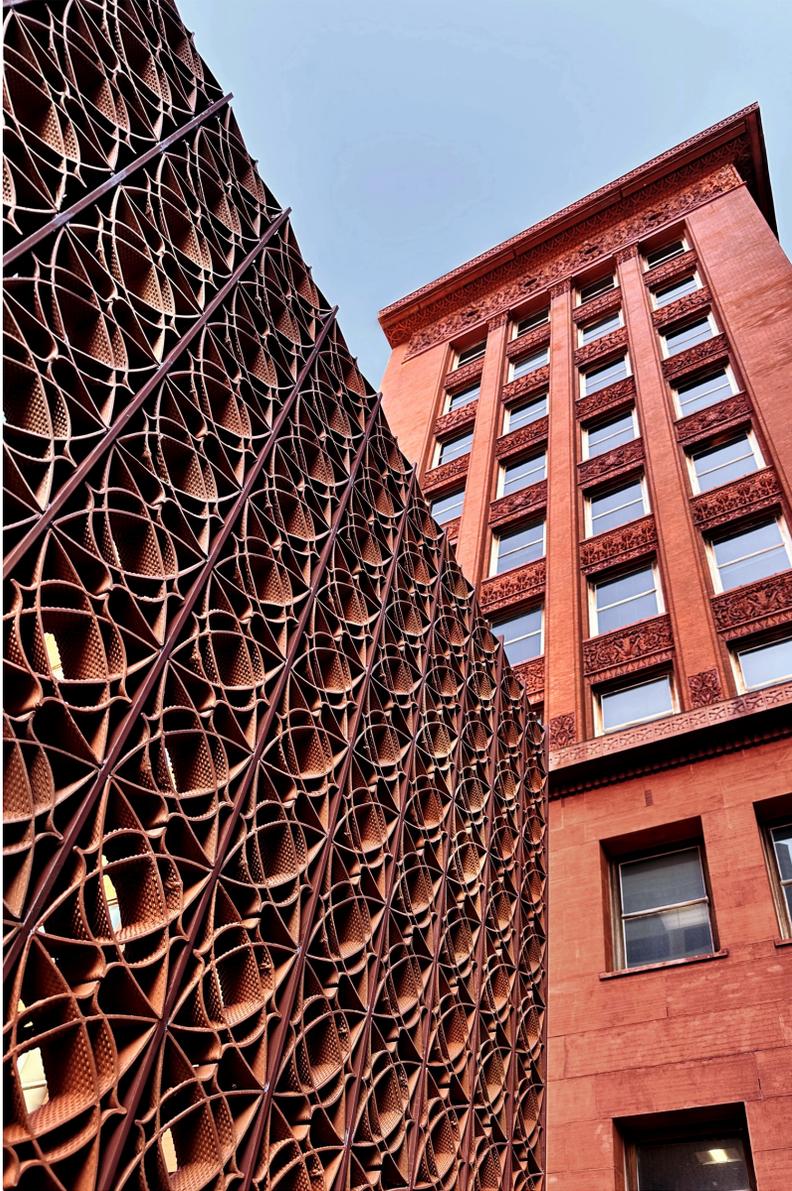


Mirror Image



Ornament

Flora Field, St. Louis, MO, 2023



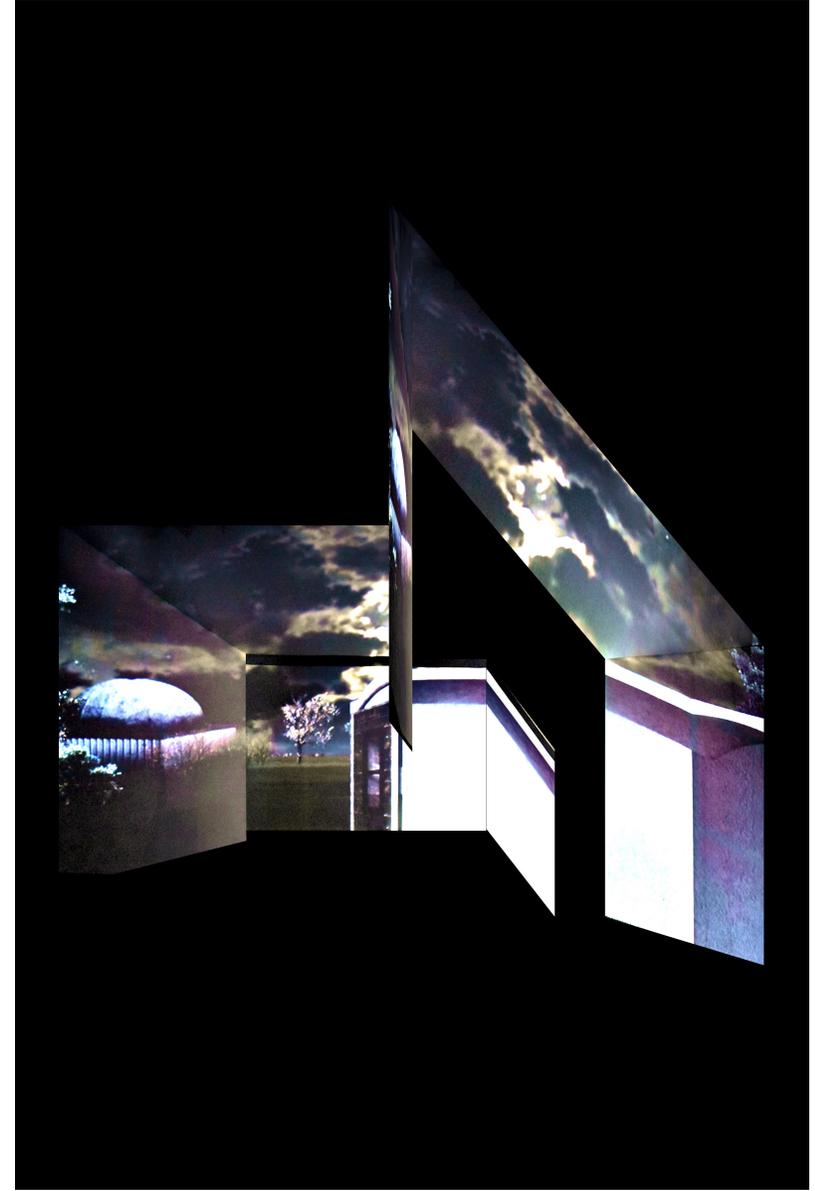
Experience

ViewFinder, St. Louis, MO, 2023



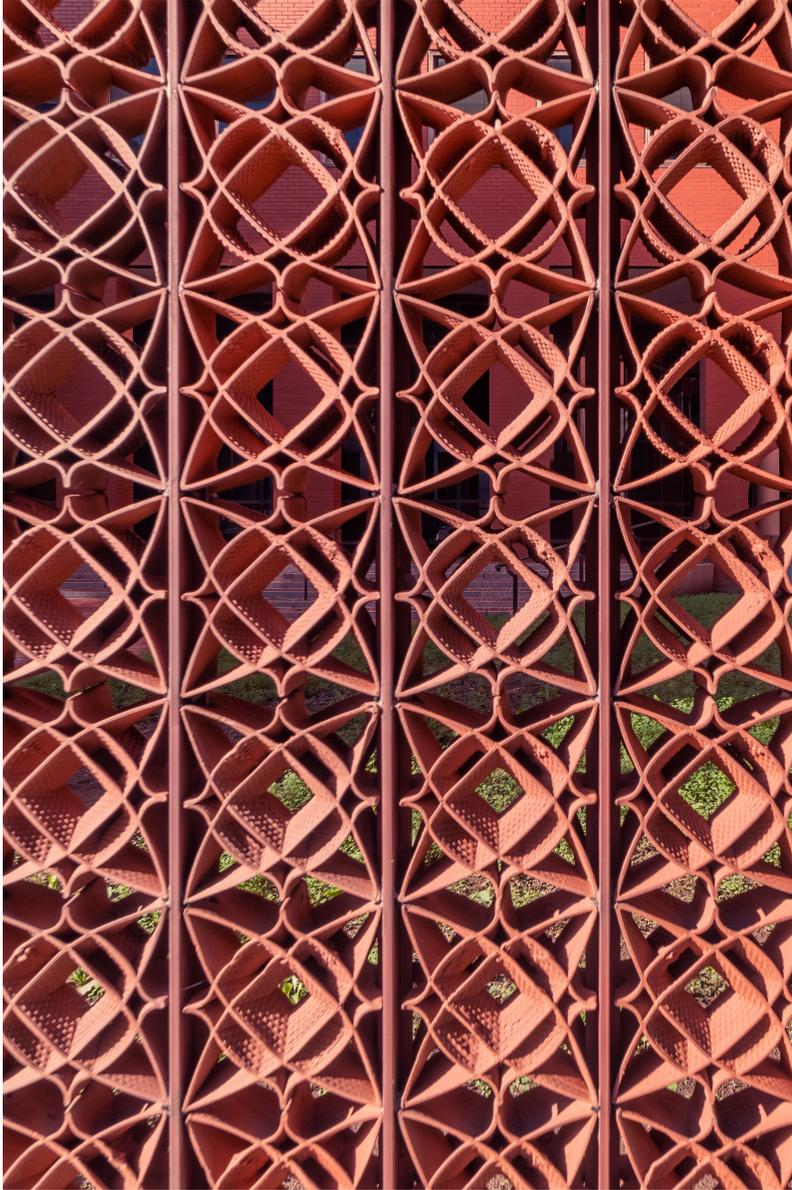
Image

Pictorial Material, St. Louis, MO, 2019



Ornament

Flora Field, St. Louis, MO, 2023



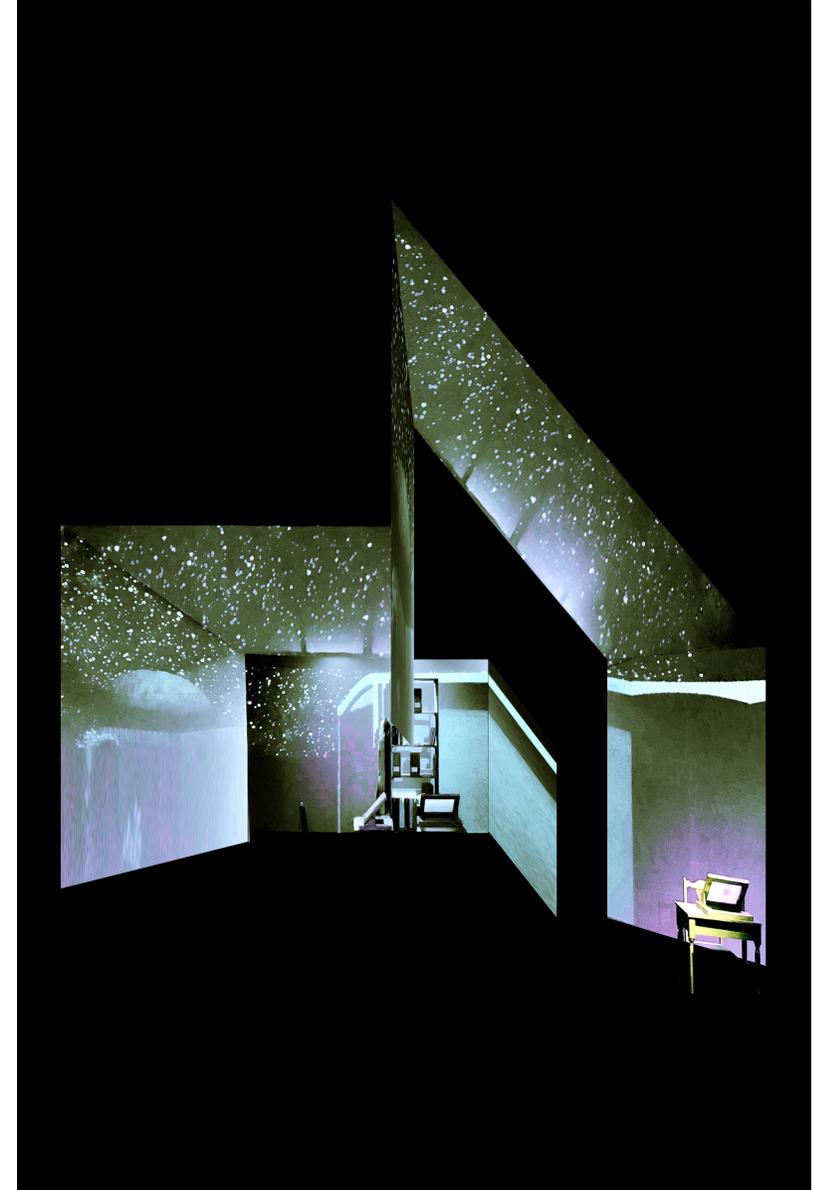
Experience

ViewFinder, St. Louis, MO, 2023



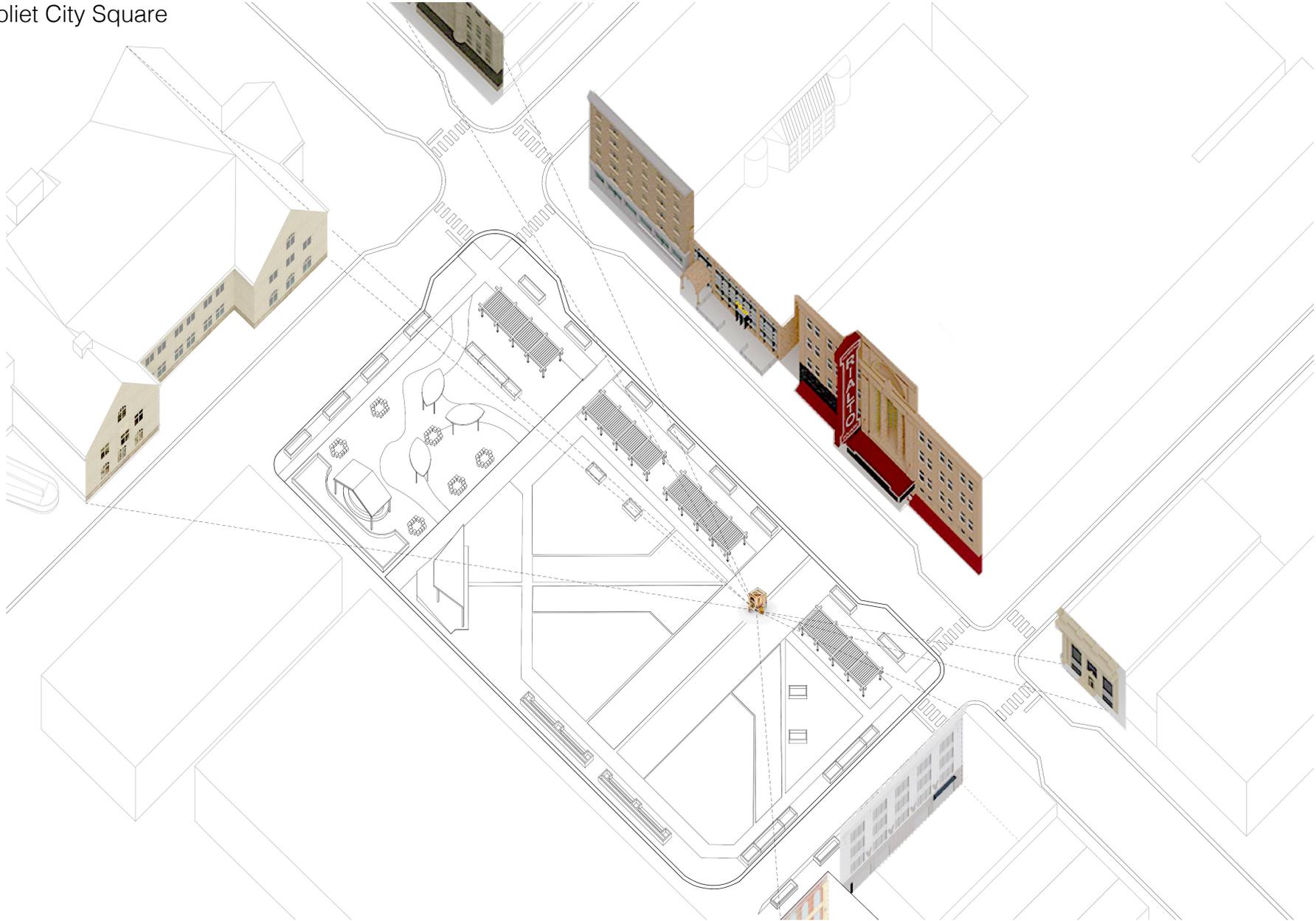
Image

Pictorial Material, St. Louis, MO, 2019



Design Concept:

Building Facades of Joliet City Square



Project Description

Architecture is evidence of the culture that created it. Downtown Joliet, especially around City Square, exemplifies the rich cultural heritage manifested in the Rialto Theater, the Joliet Public Library, Auditorium Building, and the First National Bank of Joliet. These buildings were imbued with civic pride through a combination of strength and beauty found in the local Joliet-Lemont limestone that was intricately carved into ornamentation. These buildings celebrate not only the design, but the labor and care in the craftsmanship to create such ornate facades. These buildings are an incredible asset and attest to the belief that the civic leaders had in the city of Joliet by creating permanent artifacts that define the core of the city.

The proposal for the sculpture honors historic and contemporary culture by highlighting portions of the surrounding buildings on the sculpture itself. Photographs of select parts of the façade are printed onto a series of surfaces that define the sculpture. The location of each of the photographic surfaces faces the building, creating a dialog between the original and reflected depiction. The Proposal Sketch 1 above, diagrams how each of the selected building facades are mapped onto the corresponding face of the sculpture. When park-goers stand by the sculpture, they are between the real and its depiction, becoming part of the dialog. The portion of the sculpture that faces the parking garage has a photograph of the Rialto Theater so that when a visitor is approaching from the garage, they see the depiction in the foreground juxtaposed with the real behind.

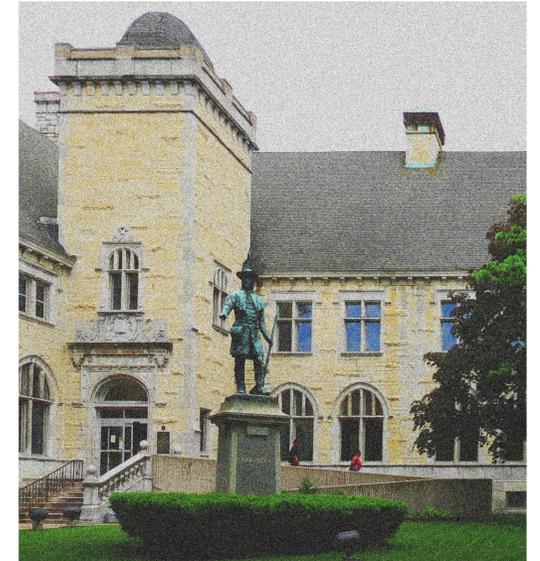
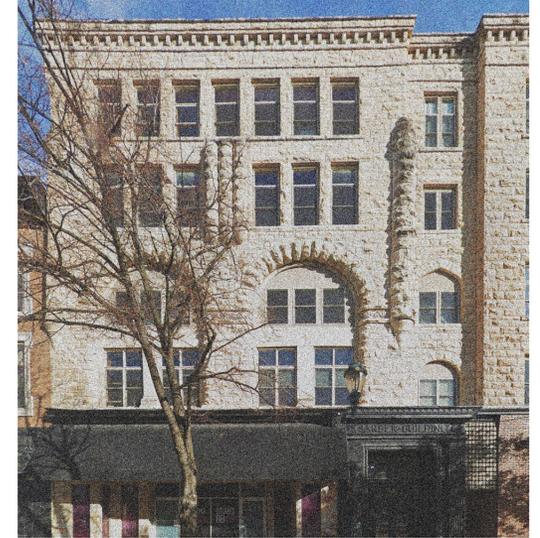
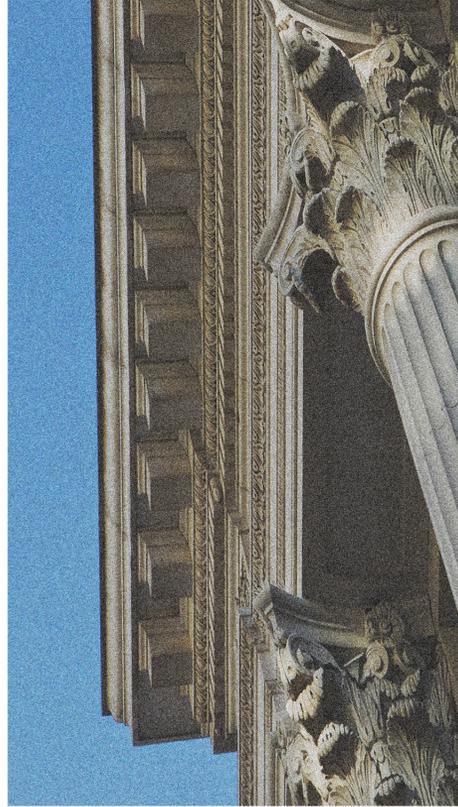
The proposed sculpture is defined by a series of planar surfaces where each has a photograph of a portion of façade of a building. In addition to the photograph, perforations are cut into the surface based on the intensity of shadows in the photograph. The visual effect of the semi-transparency that reveals a planar surface behind with another photograph and its own perforations. Together, the layering and semi-transparency produces an ephemeral quality to the sculpture. The photographs are printed at different scales where some zoom in to highlight portions of a façade that you would otherwise not be able to get so close to while other photographs are further away. The combination of varying scale, layering of planar surfaces and semi-transparency juxtaposes different viewpoints of the surrounding buildings encouraging viewers to discover relationships amongst the valuable cultural artifacts that define the heart of Joliet.

The sculpture has three different readings depending on distance. From afar it is an object in the context of some spectacular buildings while the middle-distance reading provides legibility of the relation of the depiction to the real buildings. The close reading is made as a viewer walks up to the sculpture, revealing the relation of the photo to the perforations on each planar surface as well as the physical distance between the layers. The planar surfaces have larger portions cut out at the bottom to allow more visibility through the sculpture while allowing people to walk underneath and discover the space within. The perforations in the surface reveal people within or on the other side of the sculpture where their movement further activates the visual experience while providing safety through visibility.

The planar surfaces are made from typical materials used for making permanent exterior signage, which is an aluminum composite material. Typical flat-bed printing techniques used for signage is used to print the image onto the surface. The planar surfaces are supported by grid of steel members that connect to a main tube steel frame anchored to the concrete surface on the ground. Using well-known processes and materials ensures the quality and durability of the sculpture. Further information on the materials and techniques is described in the longevity and protective coatings text.

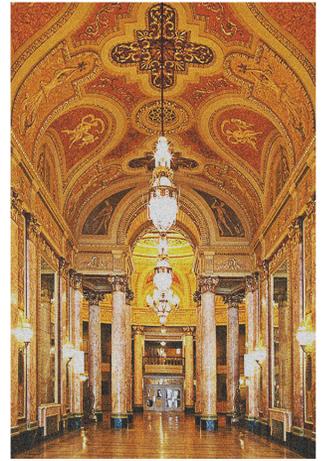
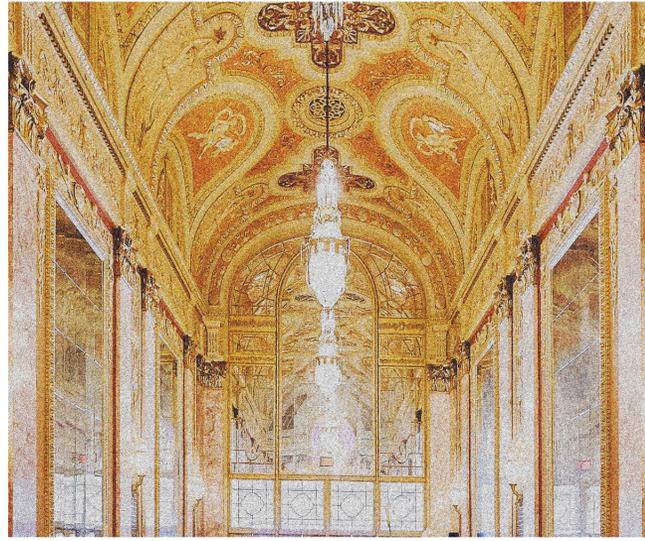
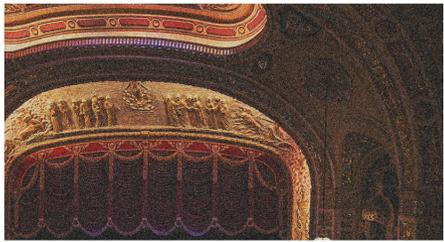
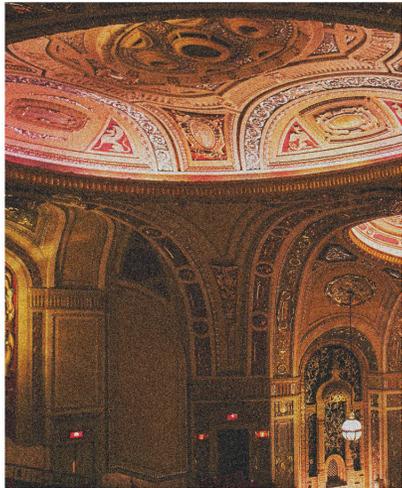
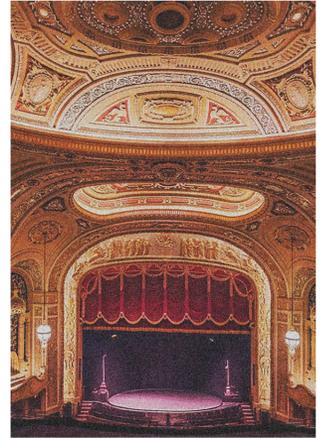
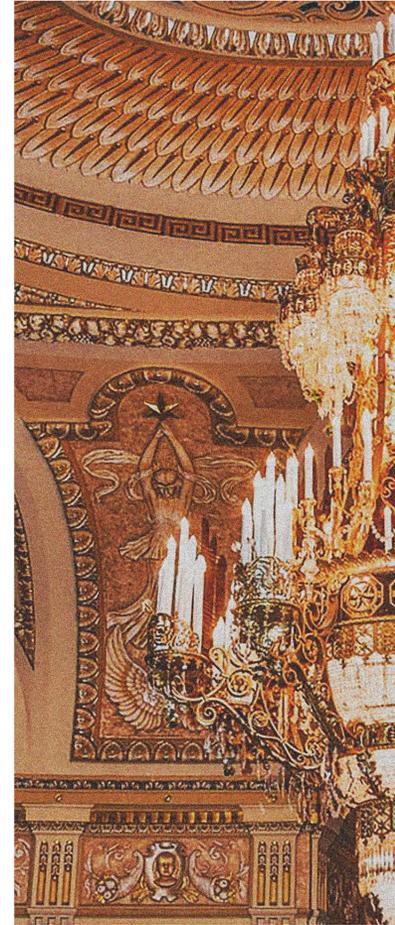
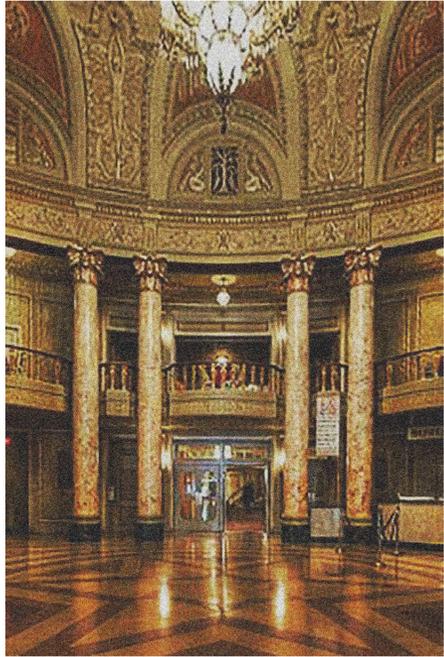
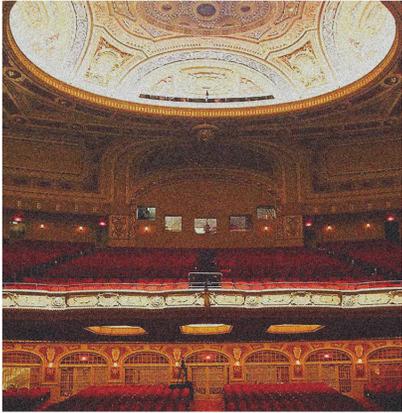
Design Concept:

Images of Joliet City Square



Design Concept:

Interior images of Joliet City Square









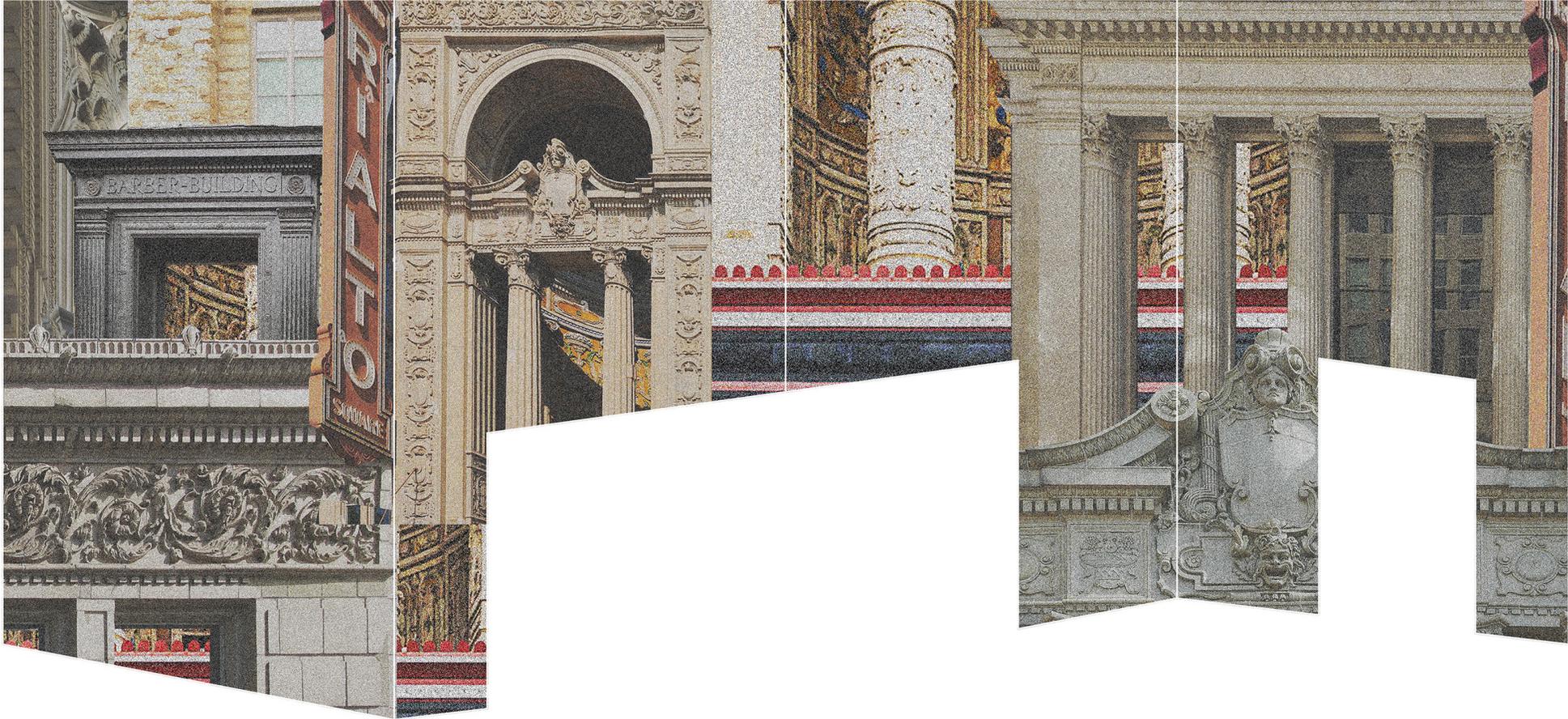




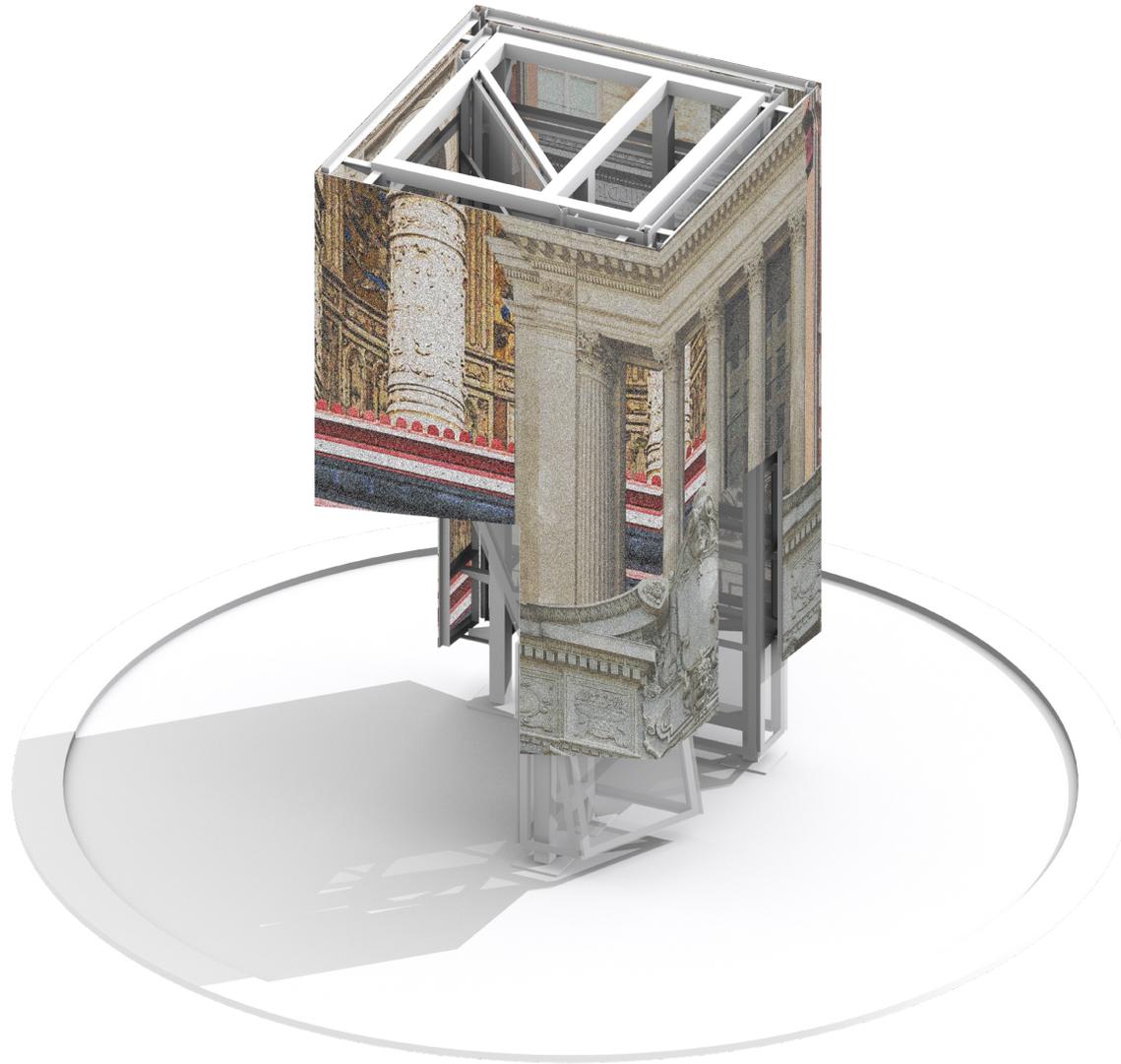




Unrolled exterior surface showing images of surrounding building facades



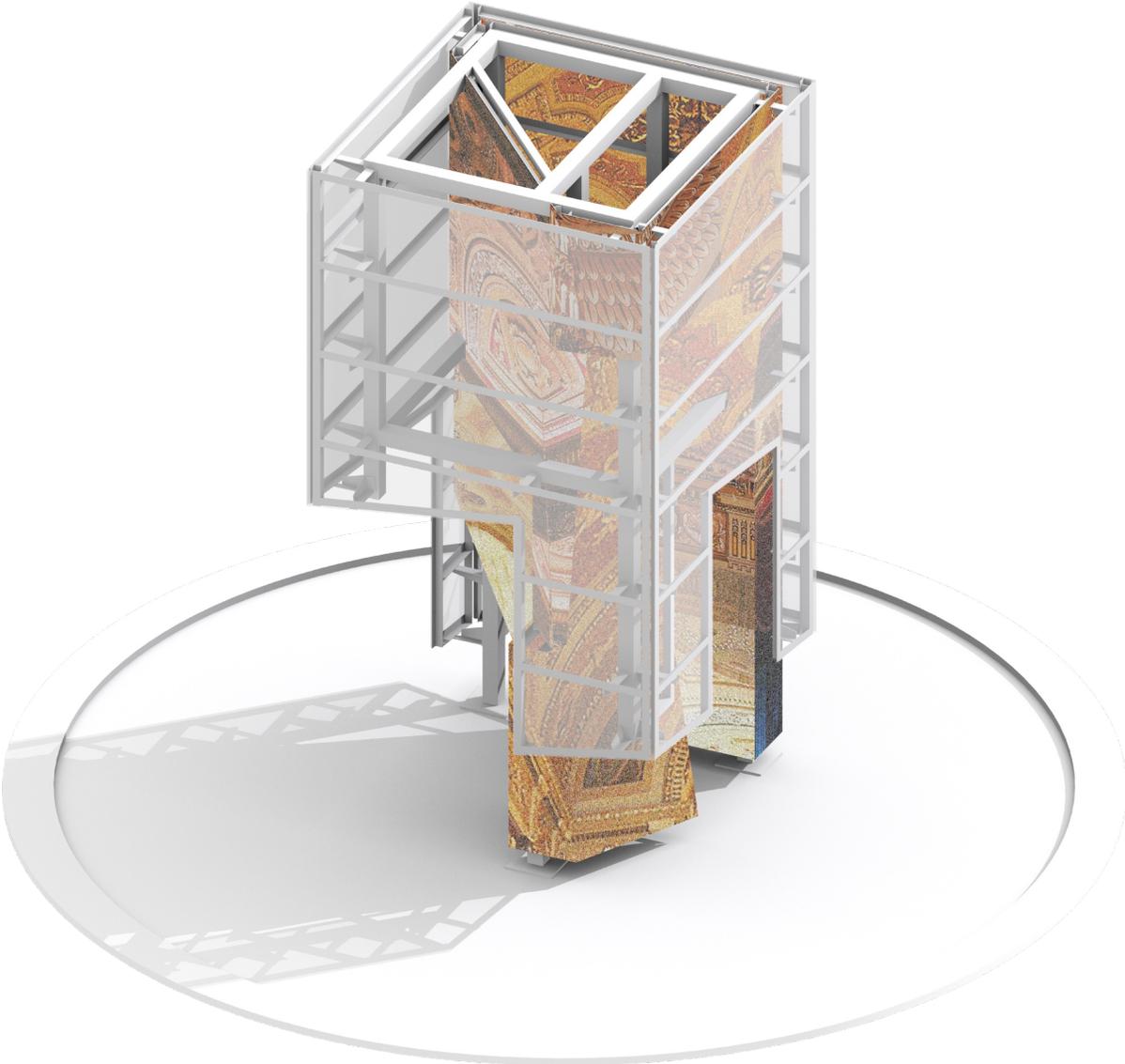
Unrolled exterior surface showing images of surrounding building facades



Unrolled interior surface showing images of the Rialto Theater interior

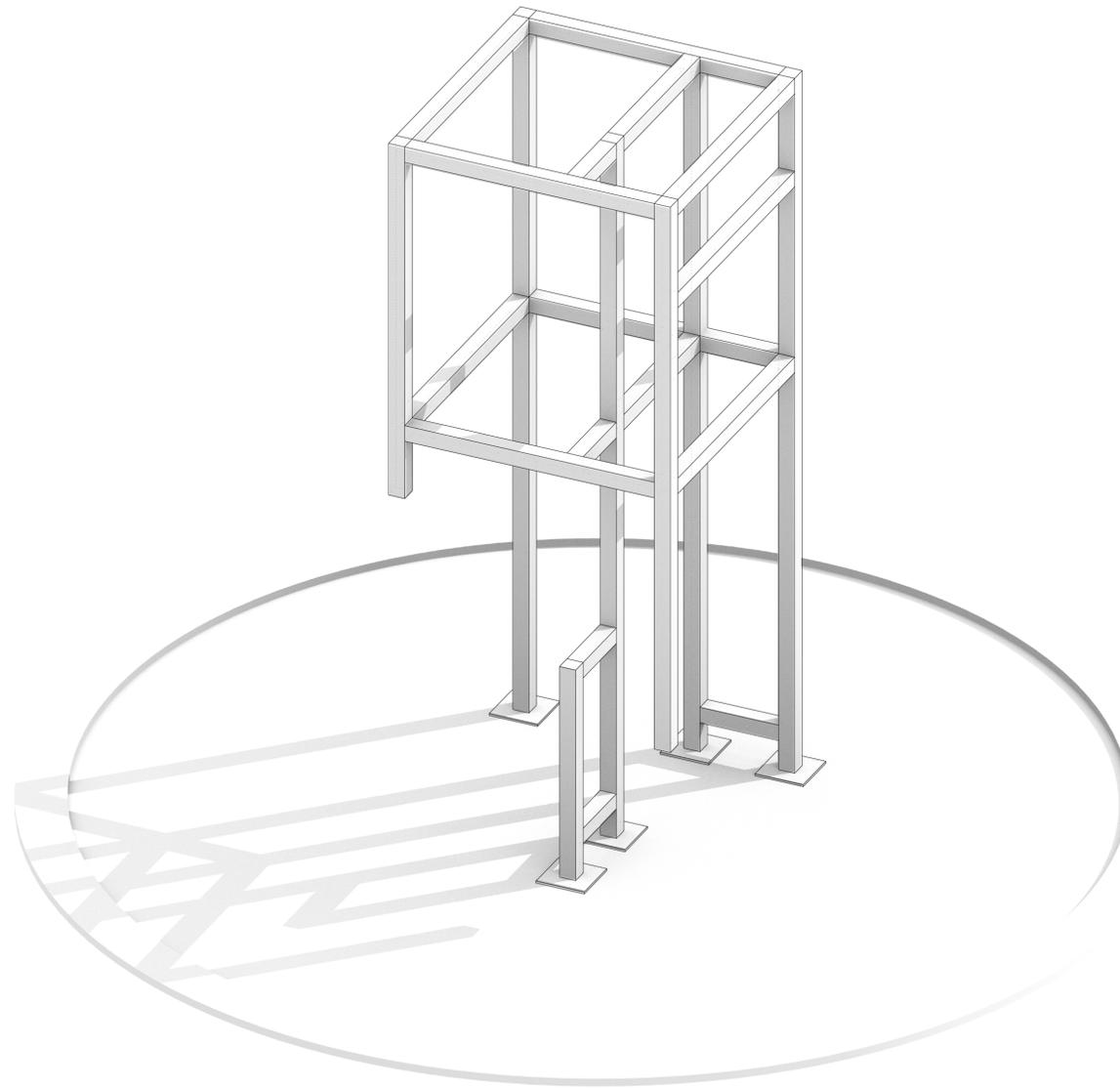


Unrolled interior surface showing images of the Rialto Theater interior



Primary structure

4"x4" steel tube

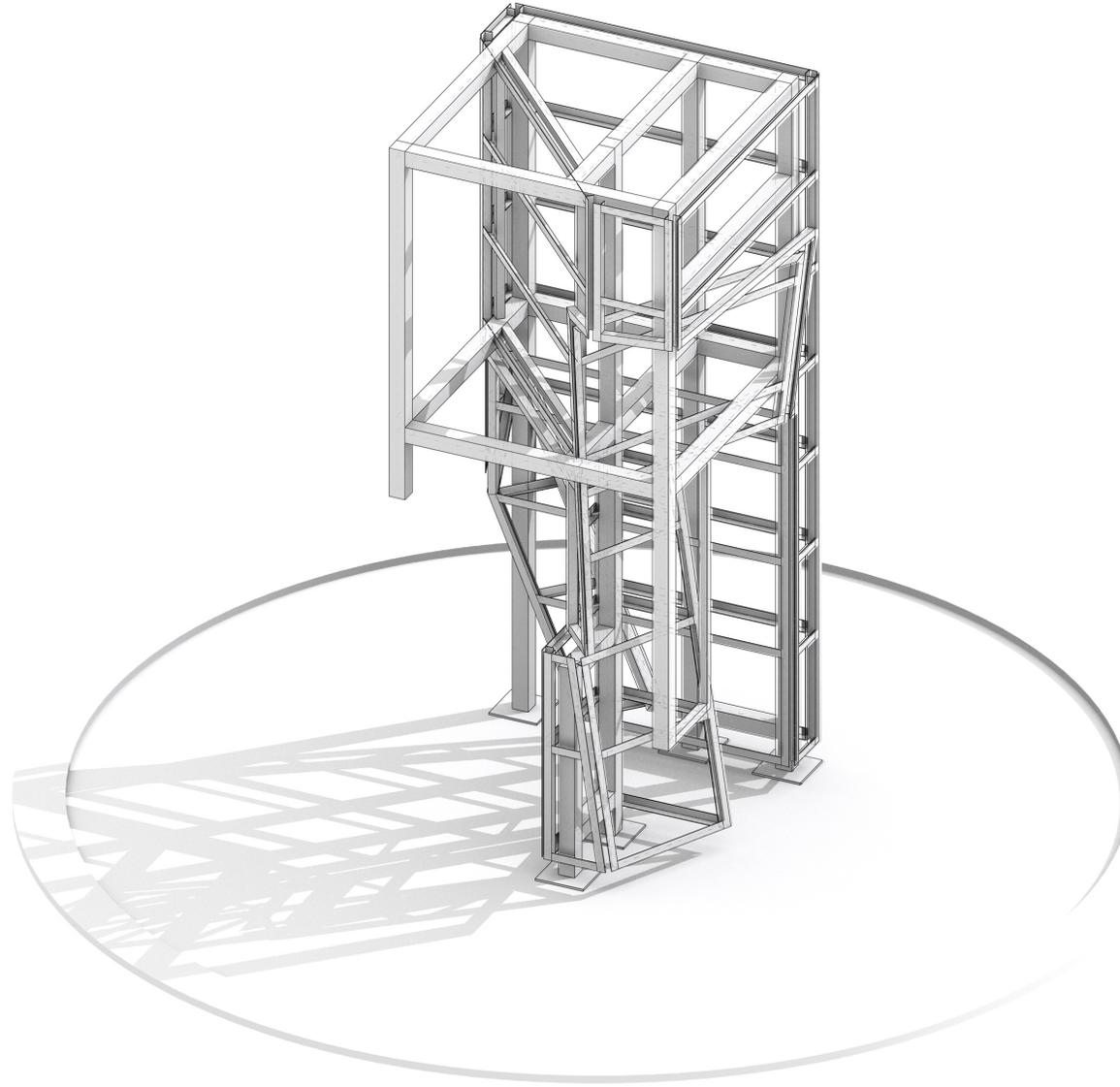


Primary + Secondary structure

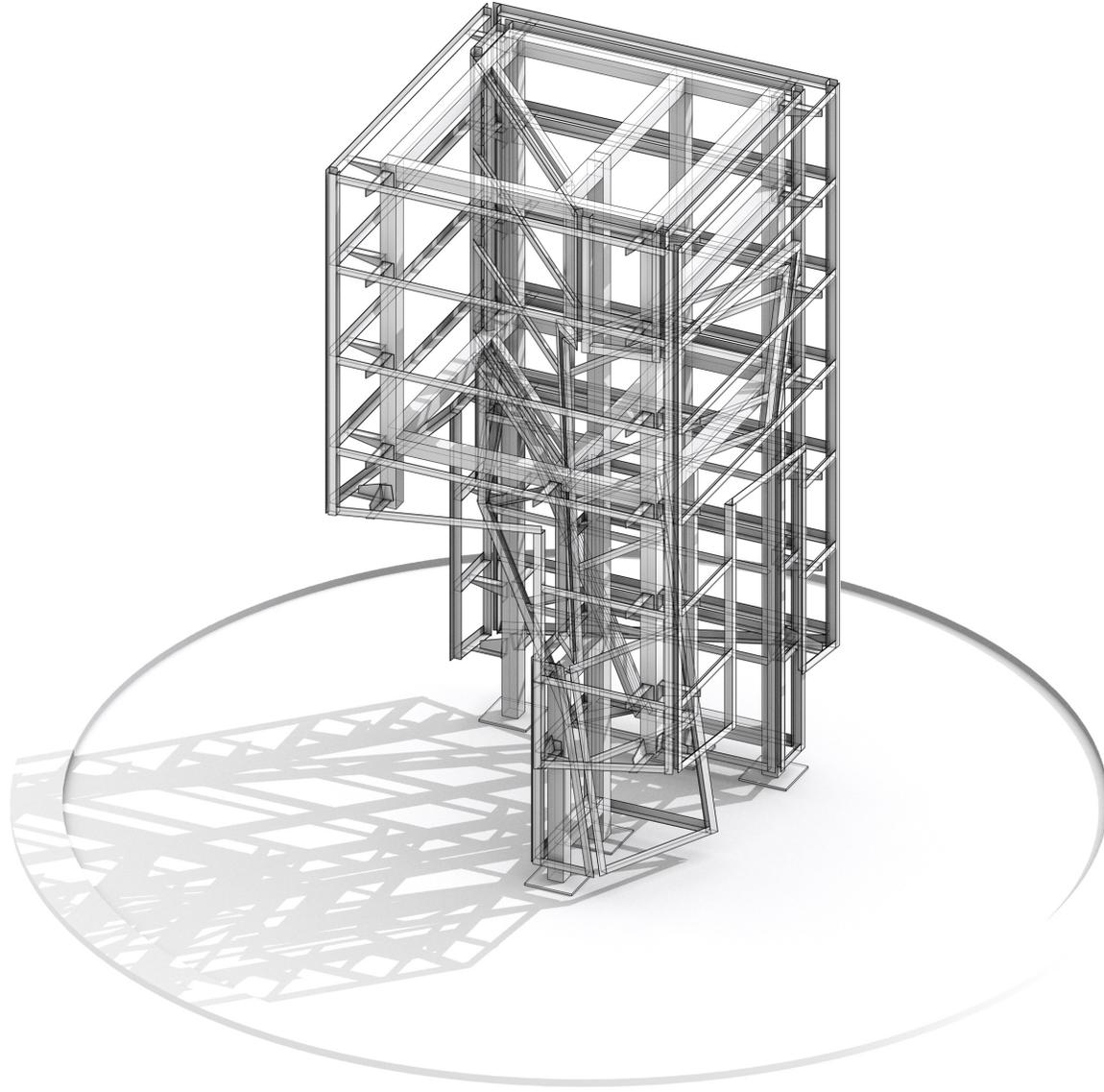
4"x4" & 2"x2" steel tube

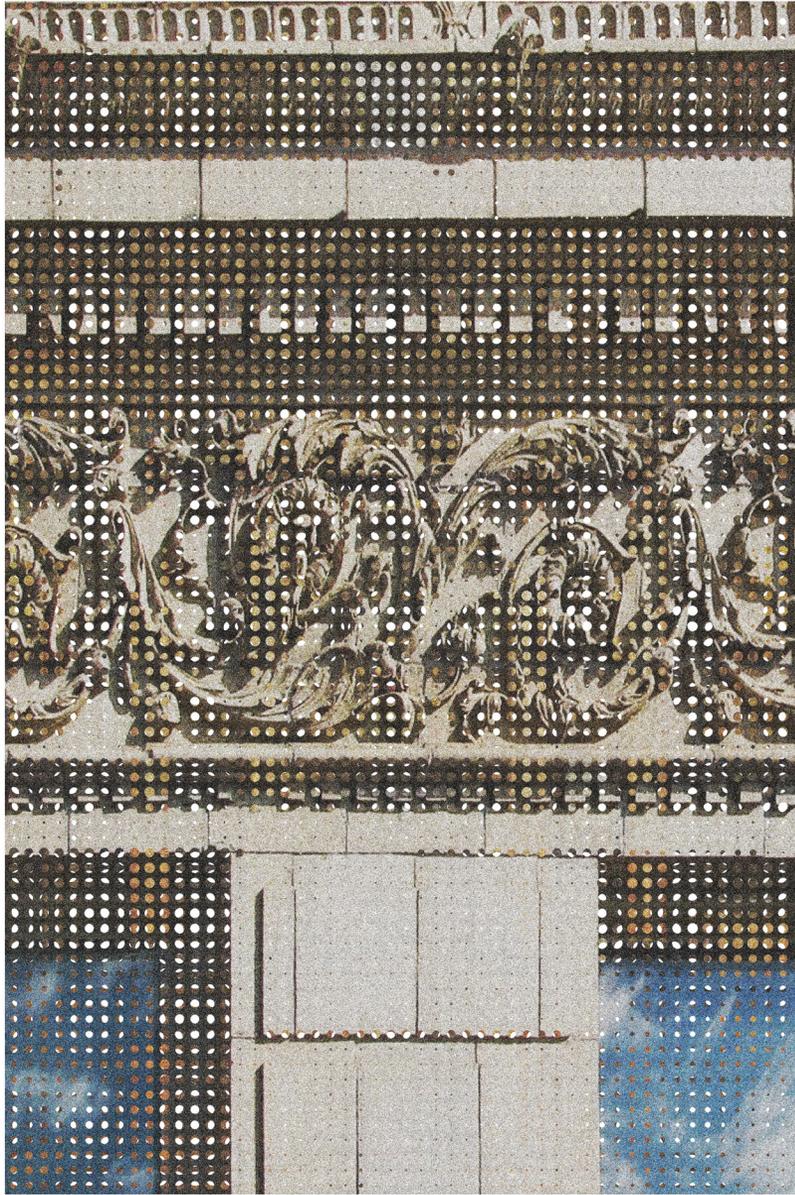
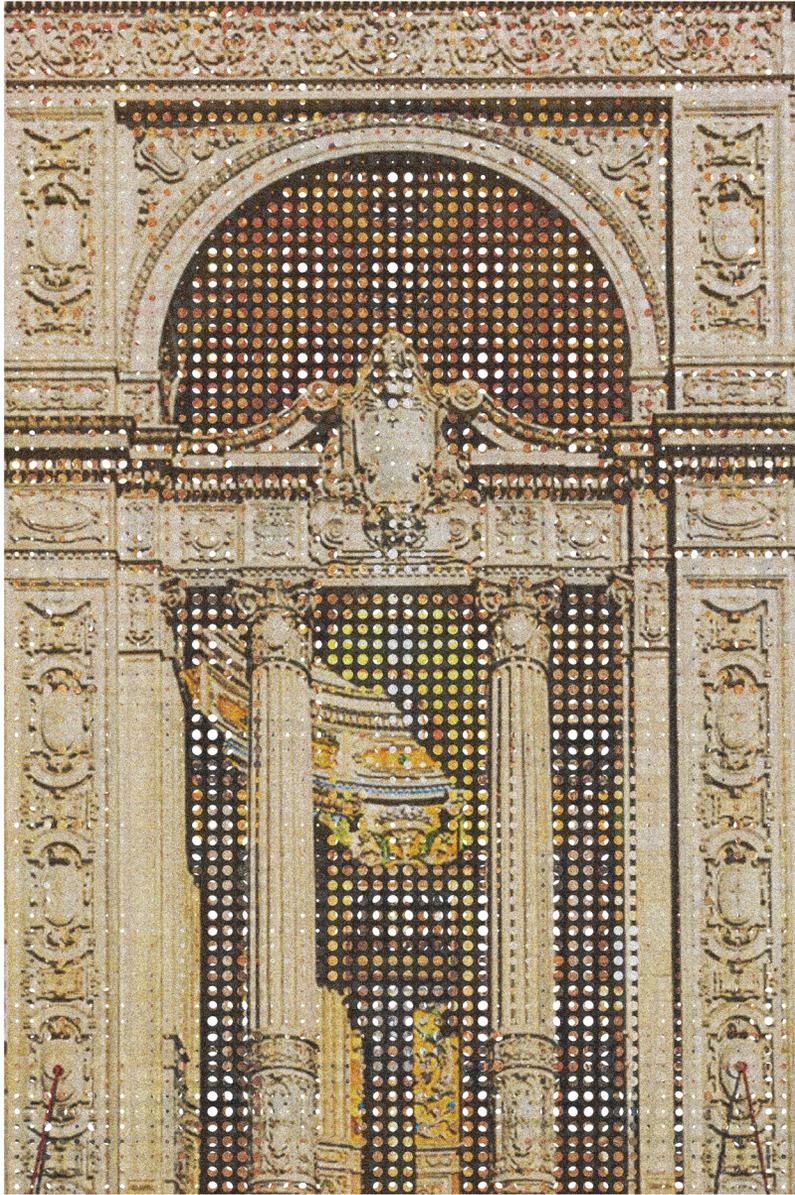
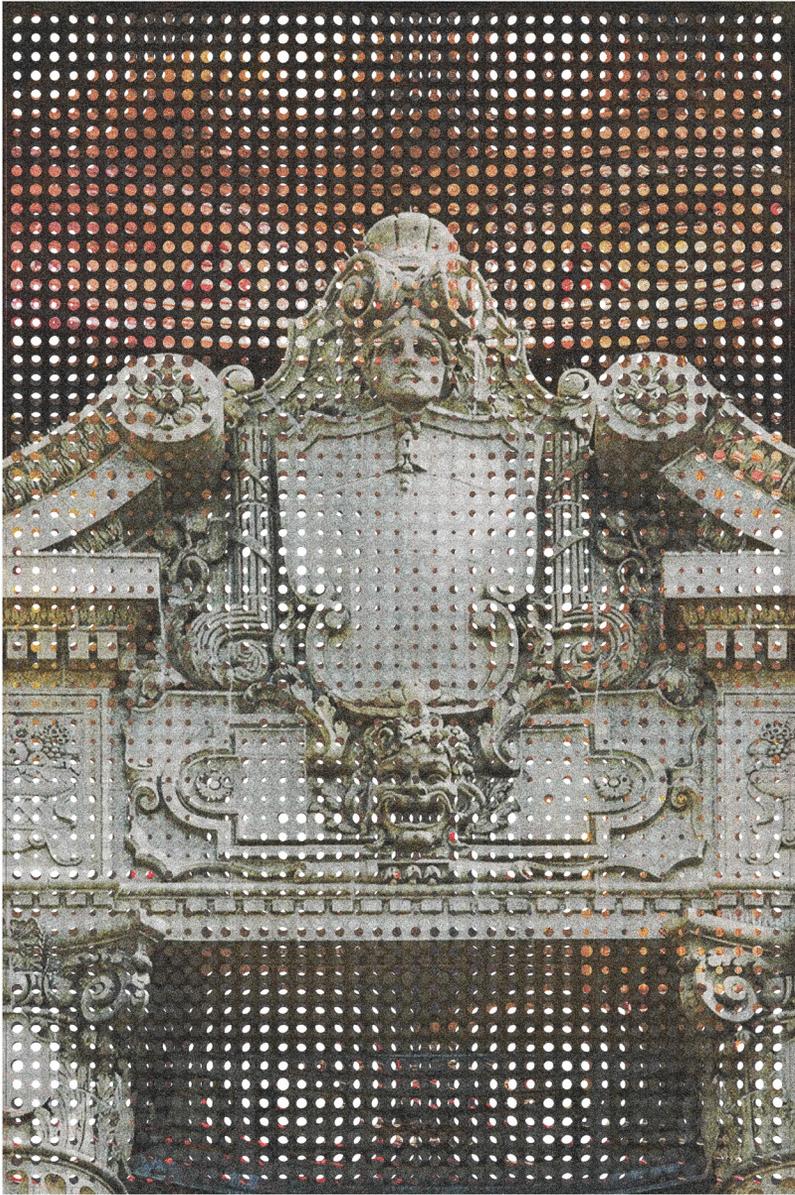
Panel Frame:

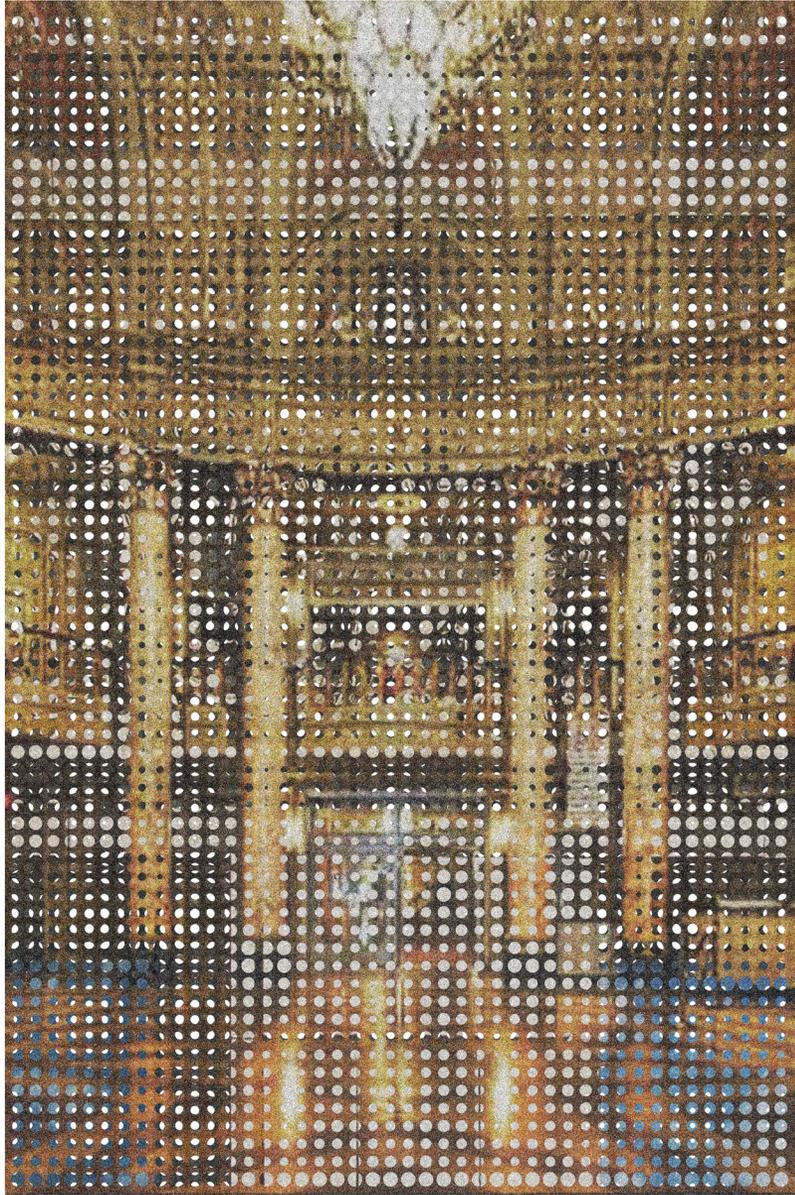
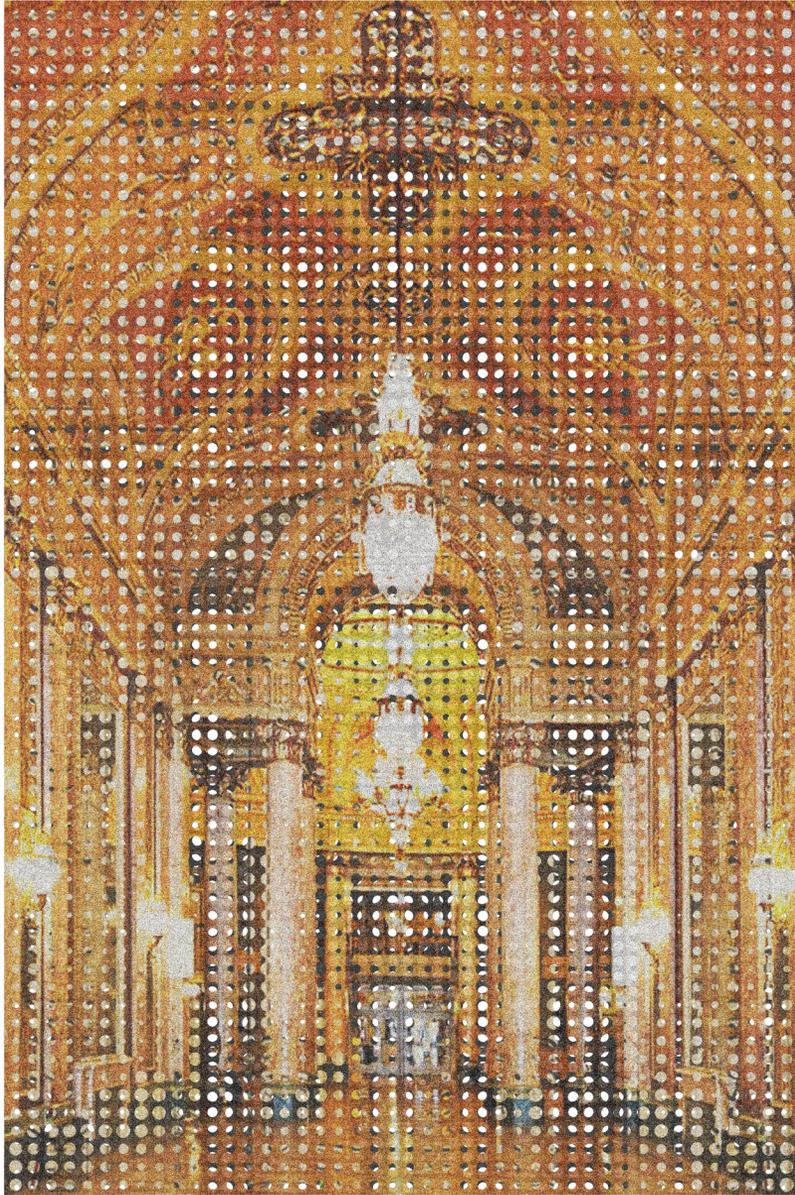
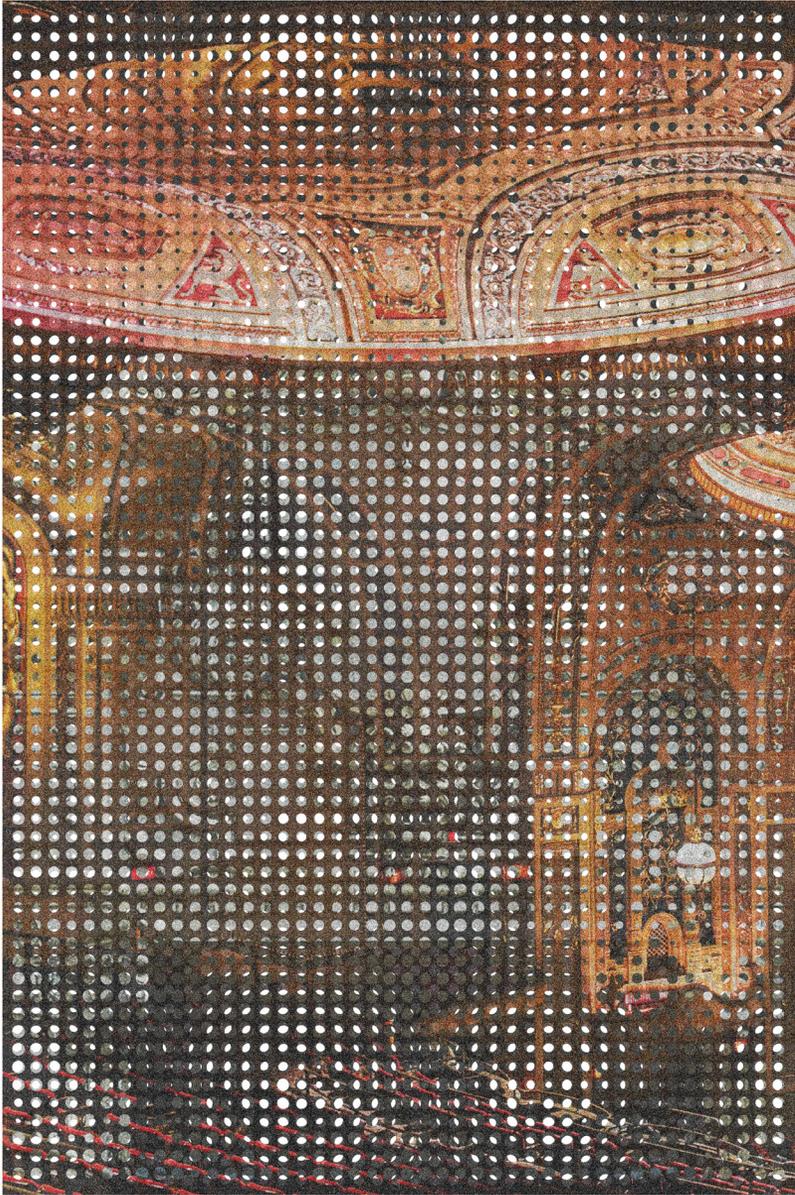
2"x2" Angle



All structure







Budget

Category	specs	quantity	units	cost per unit	total
<i>Materials</i>					
Structural tube steel	4"x4"x1/8" HSS	100	LF	\$40	\$4,000
Structural tube steel	2"x4"x1/8" HSS	100	LF	\$35	\$3,500
Misc structural components		1	LS	\$4,000	\$4,000
Foundation plates	1'x1'x1/2"	5	EA	\$200	\$1,000
Aluminum composite material (ACM)	Dibond 4mm thick	30	EA	\$400	\$12,000
Fasteners		1	LS	\$4,000	\$4,000
Primer	2-part epoxy (Parts A&B)	6	EA	\$550	\$3,300
Paint	Anti-graffiti (urethane Parts A&B)	6	EA	\$600	\$3,600
Clear coat over UV printing	Gloss clear anit-graffiti coating	20	EA	\$50	\$1,000
Misc. mat'l & supplies		1	LS	\$5,000	\$5,000
Light fixtures	uplights mounted in sidewalk	8	LS	\$500	\$4,000
<i>Services</i>					
CNC waterjet or lasercutting	cut pattern in ACM	1	LS	\$15,000	\$15,000
Flat bed printing	UV printing	1	LS	\$20,000	\$20,000
Rigging/ structural frame installation	mat'l & labor	1	LS	\$8,000	\$8,000
Panel installation	mat'l & labor	1	LS	\$15,000	\$15,000
Welding	structural frame	1	LS	\$5,000	\$5,000
Painting (frame)	labor	1	LS	\$3,000	\$3,000
Painting (anti-graffiti clear coat over prints)	labor	1	LS	\$3,000	\$3,000
Photography of existing buildings		1	LS	\$1,000	\$1,000
Electrician	labor	1	LS	\$3,000	\$3,000
<i>Design Fees</i>					
Artist fee		1	LS	\$40,000	\$40,000
Architectural fee		1	LS	\$10,000	\$10,000
Structural fee		1	LS	\$5,000	\$5,000
Insurance		1	LS	\$10,000	\$10,000
Taxes		1	LS	\$16,000	\$16,000
				TOTAL	\$199,400

Explanation of longevity/ protective coatings

The permanent sculpture will be made from a structural tube steel frame that supports a series of aluminum composite material (ACM) panels, consisting of two thin sheets of aluminum thermo-bonded to a polymer core similar to a Dibond panel. The tube steel frame will be coated with a 2-part epoxy primer like Sherwin Williams Macropoxy and then coated with a 2-part urethane paint like Sherwin Williams 2K Urethane Anti-graffiti coating. The durable coating is rated for a 3000 psi power-washer.

The aluminum composite material panels will have a flat-bed printed image on the face in addition to a series of perforations cut all the way through the panel. The flat-bed printing uses a UV based inks that are vibrant and durable. After printing on the panels, a clear coat such as Clearshield Professional Anti-Graffiti coat will be applied. The coating is designed specifically to bond to printed signs and offers additional UV protection. If graffiti occurs, it can be wiped off with acetone without damaging the clear coating or printed image below.

Estimated Time for Fabrication

Once the contract has been signed and initial payment received, it will take six (6) months for fabrication and delivery to the site.

Proposed schedule of financing

The financing can occur in four (4) payments based on level of completion. The artist shall provide documentation to demonstrate the work completed.

Initial payment at signing of the contract: \$80,000

40% completion: \$80,000

70% completion: \$30,000

100% completion upon review by owner: \$10,000

