



# Corbin Building

192 Broadway  
New York, NY

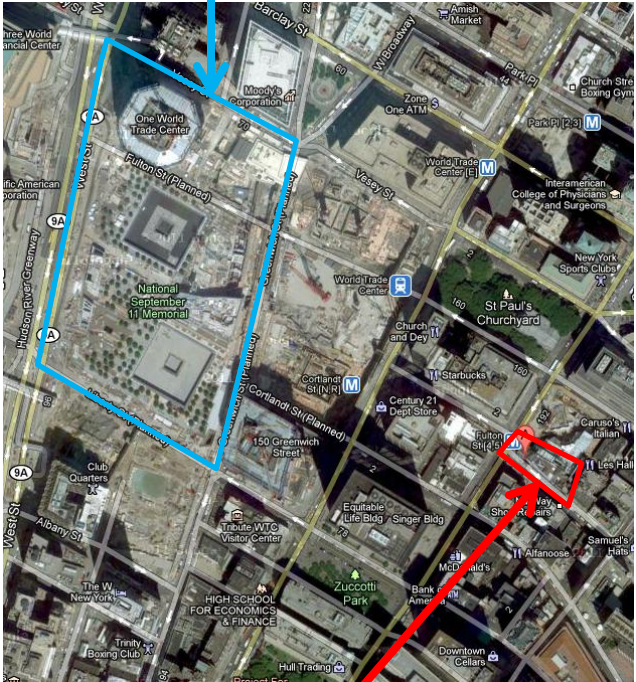
## Schematic Lighting Design

# Corbin Building

192 Broadway, New York, NY



World Trade Center



Corbin Building

# Corbin Building

Lower  
Manhattan  
New York, NY



Congested area  
of tall buildings

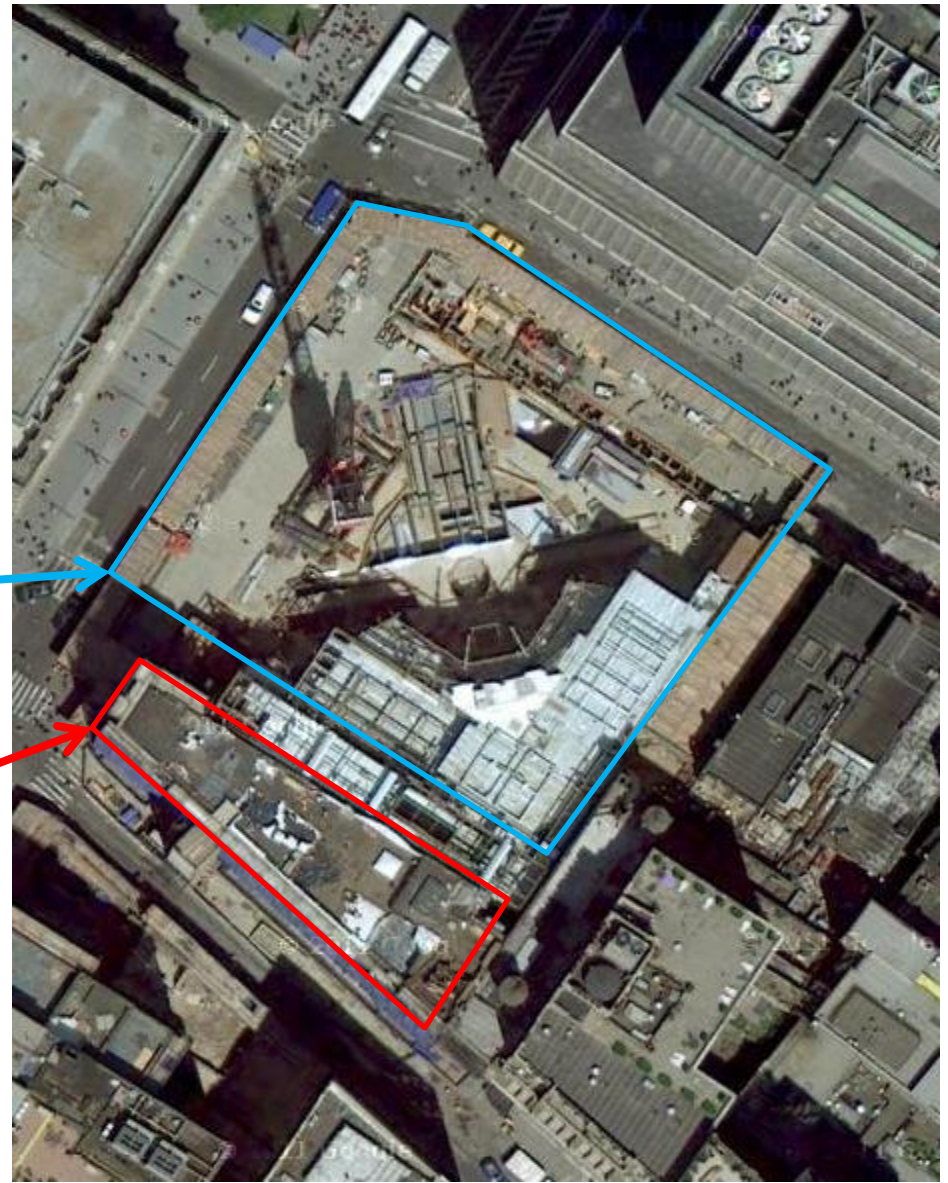
# Corbin Building

192 Broadway

New York, NY

Fulton Street Transit Center

Corbin Building



# Fulton Street Transit Center



[Introduction](#) | [Façade](#) | [Retail](#) | [Lobby](#) | [Office](#)

# Corbin Building

“Renovation and integration into the design of the Transit Center while preserving its historic character.”



# Corbin Building Statistics

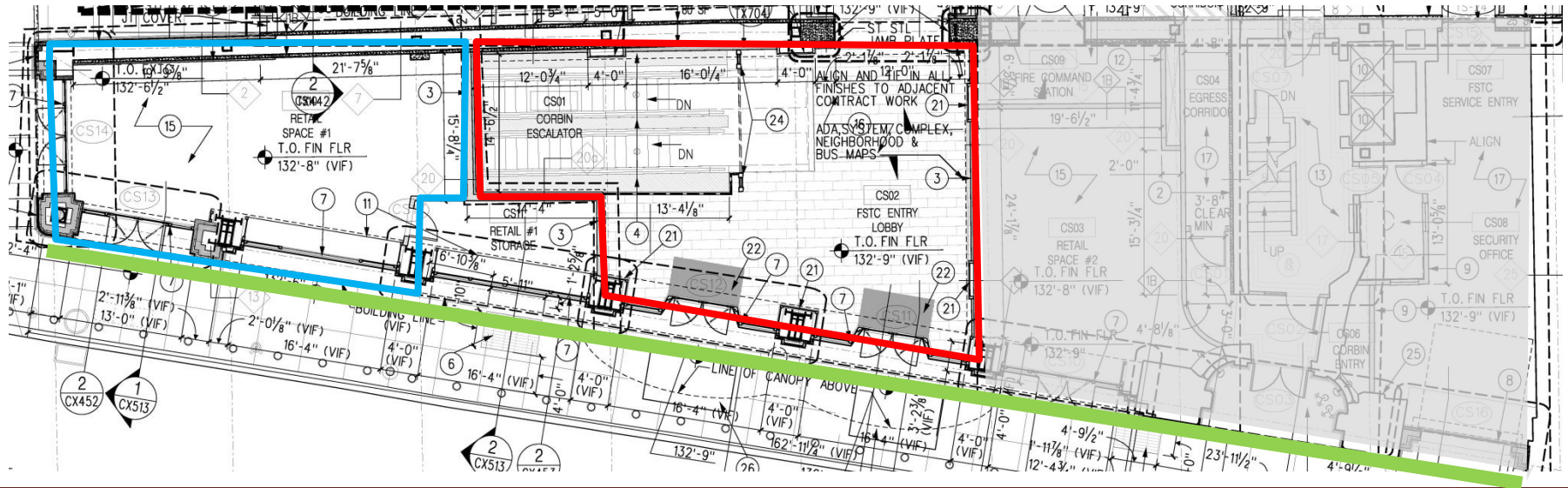
- Renovation of Retail / Office Space
- Size  
53,000 Square Feet
- Cost  
\$59.5 Million
- Owner  
Metropolitan Transit Authority (MTA)
- Architect  
Page Ayres Cowley Architects
- SMEP  
Arup
- Contractor  
Judlau Contracting



# Lighting Overview

## Areas of Interest

- Exterior Façade: Outdoor Space
- Retail Store: Special Purpose Space  
3 Schematic Design Concepts
- Lobby: Psychological Impressions
- Open Office: Large Work Space  
3<sup>rd</sup> floor

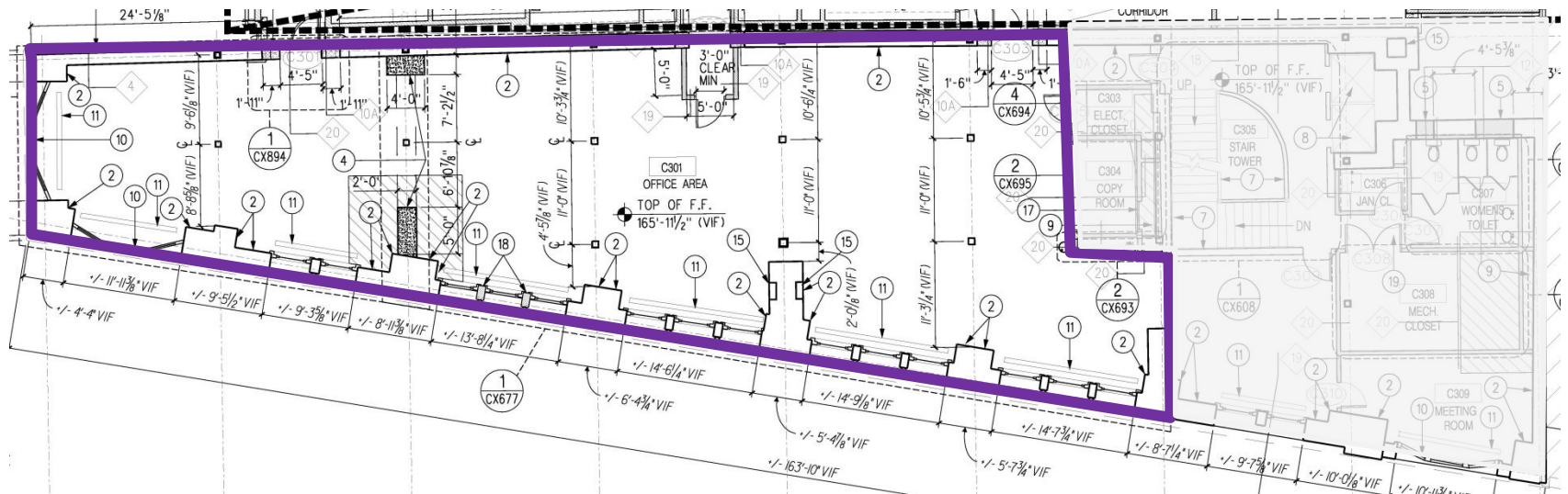




# Lighting Overview

## Areas of Interest

- Exterior Façade: Outdoor Space
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- 3<sup>rd</sup> floor



# Façade Lighting

## Design Criteria

**Appearance-** historical landmark

**Hierarchy-** guidance

**Connection-** historic & modern

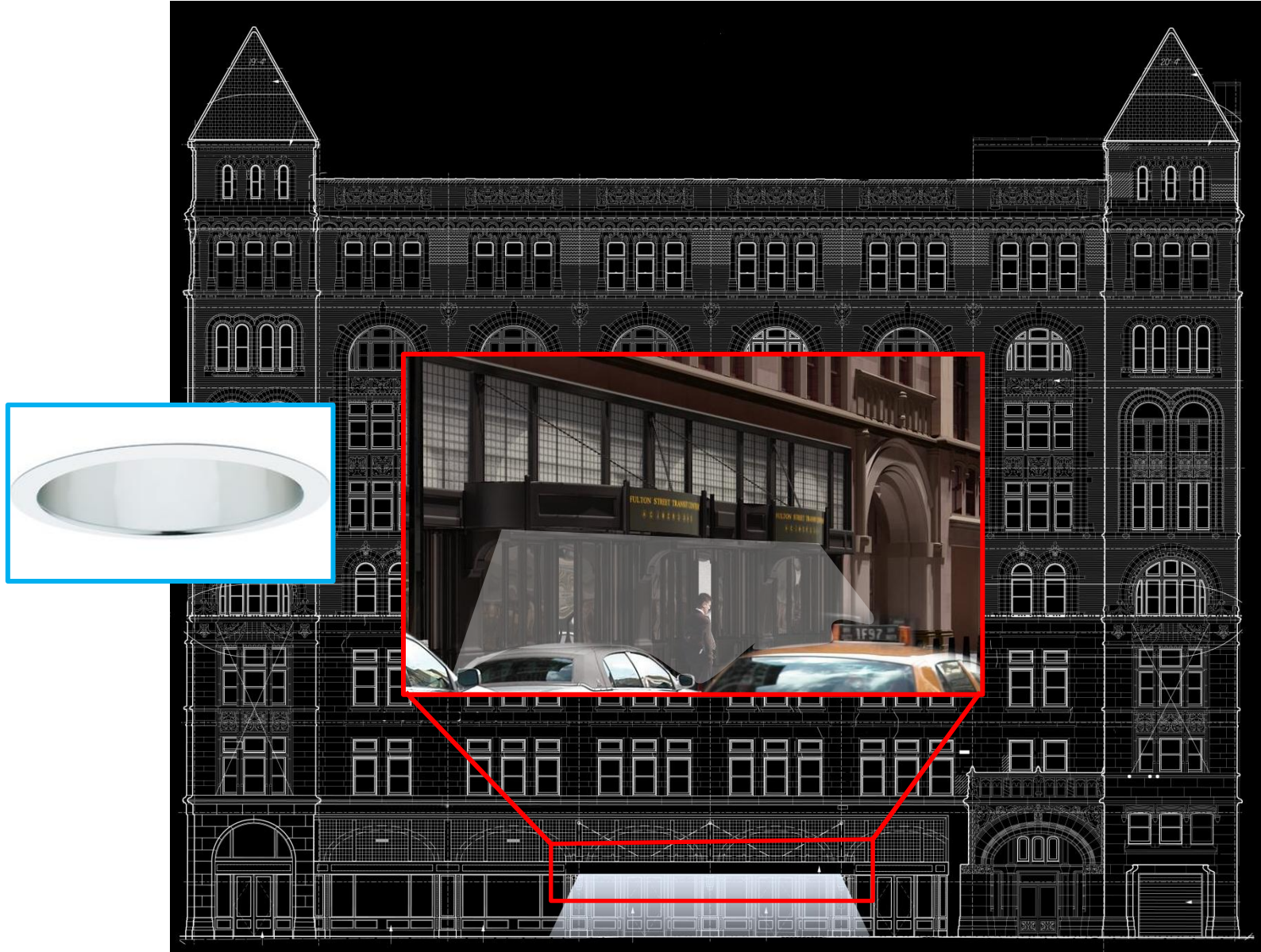




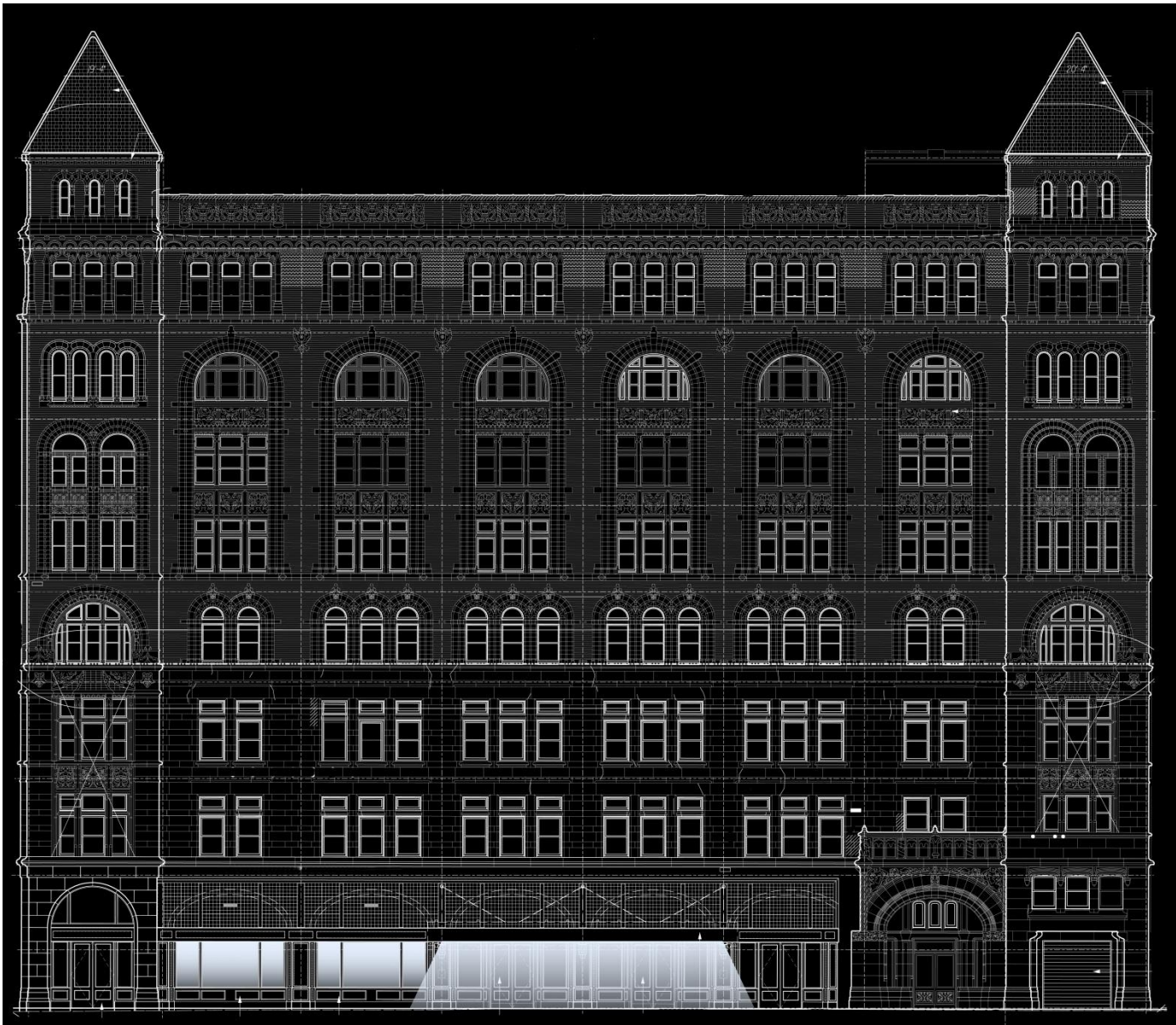
Introduction | Façade | Retail | Lobby | Office



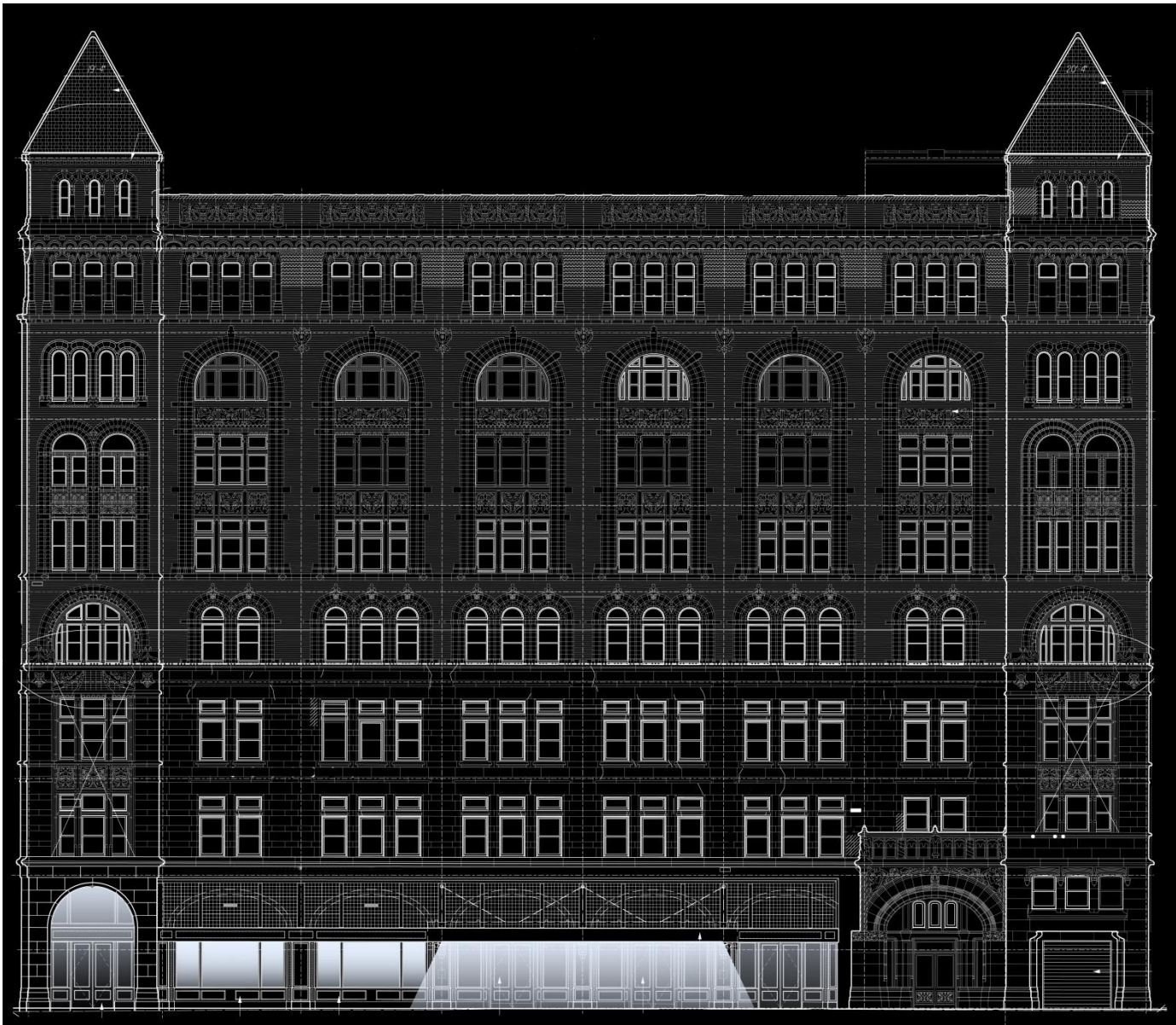
Introduction | Façade | Retail | Lobby | Office



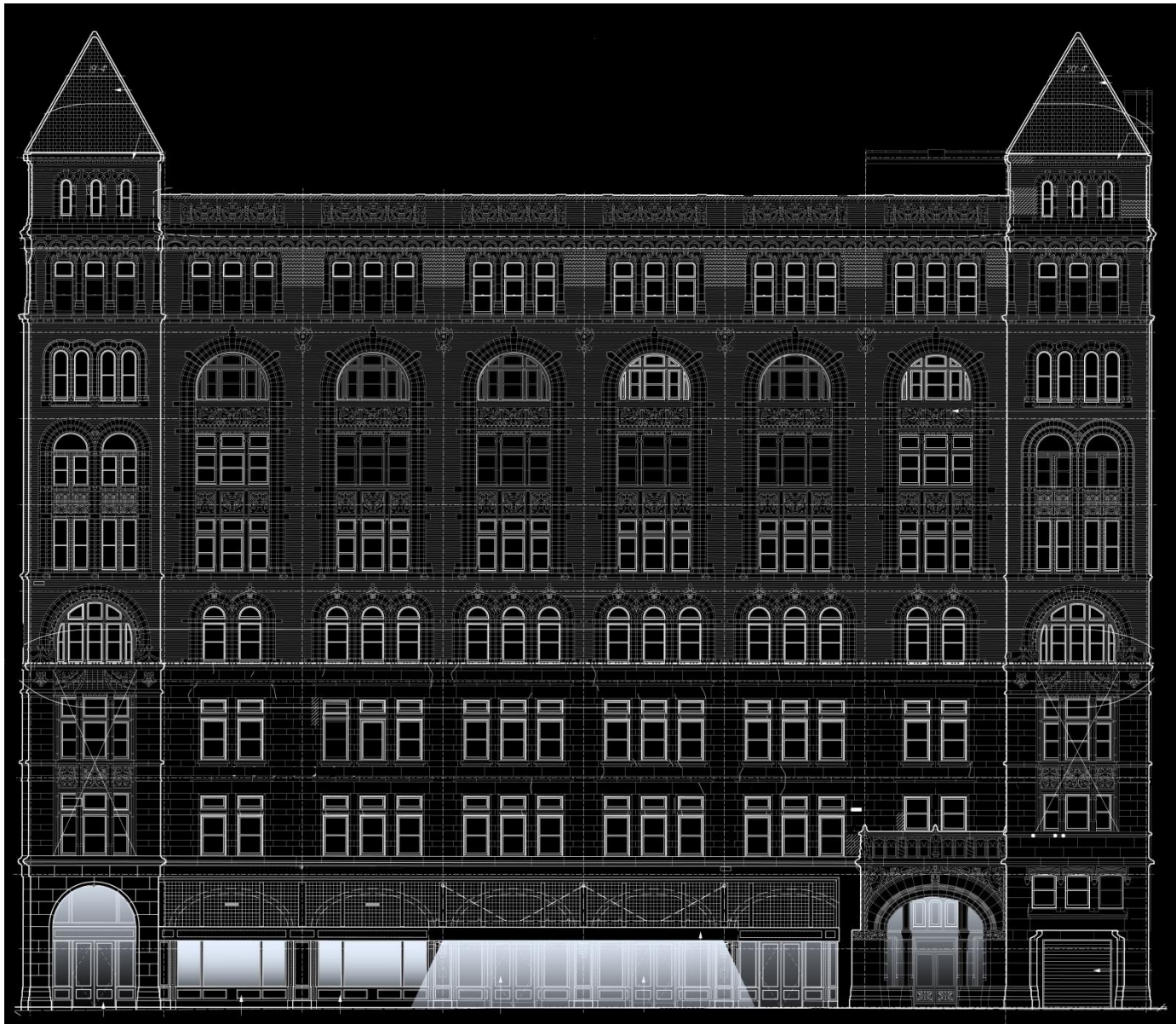
Introduction | Façade | Retail | Lobby | Office



Introduction | Façade | Retail | Lobby | Office



Introduction | Façade | Retail | Lobby | Office

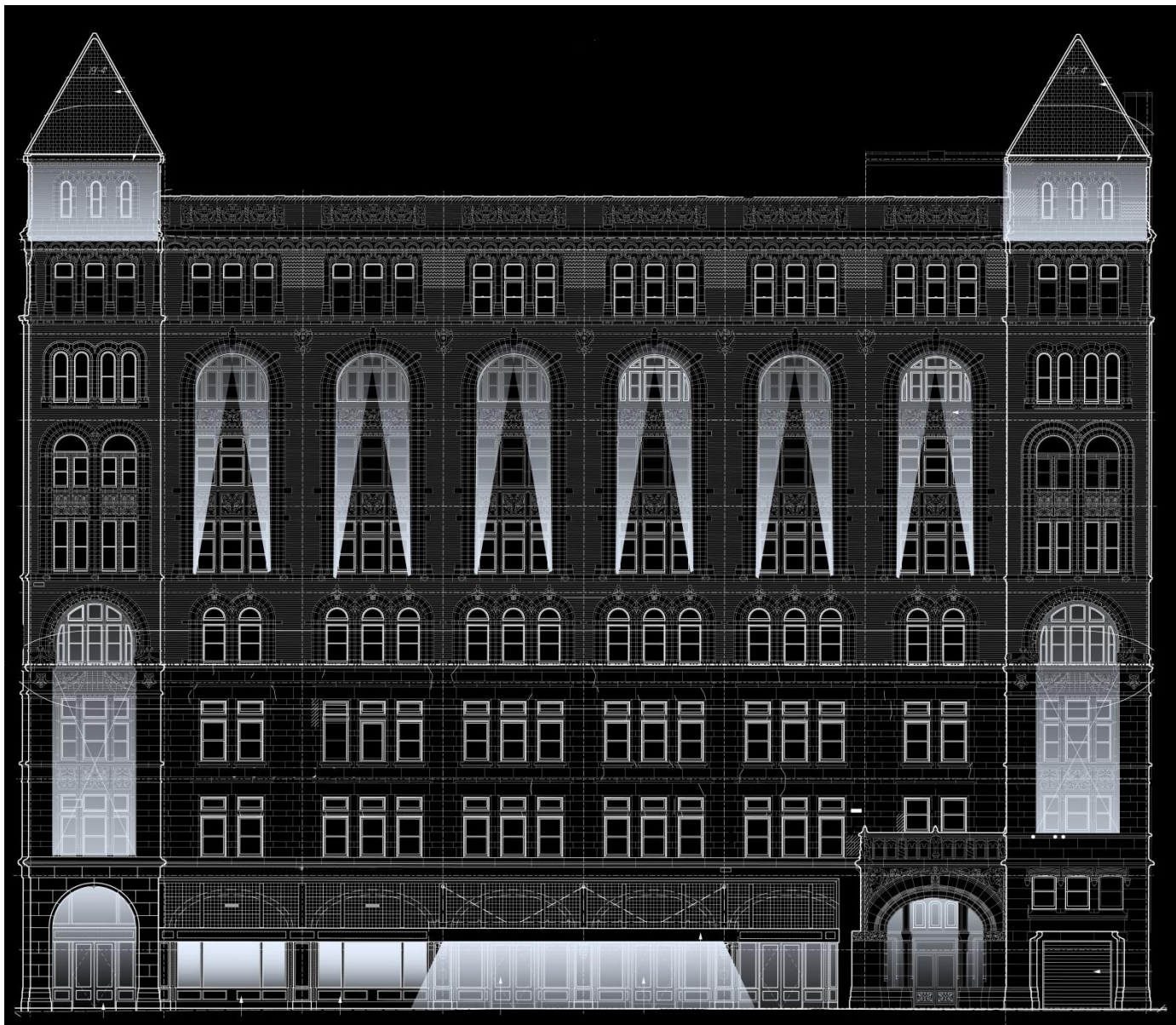


Introduction | Façade | Retail | Lobby | Office

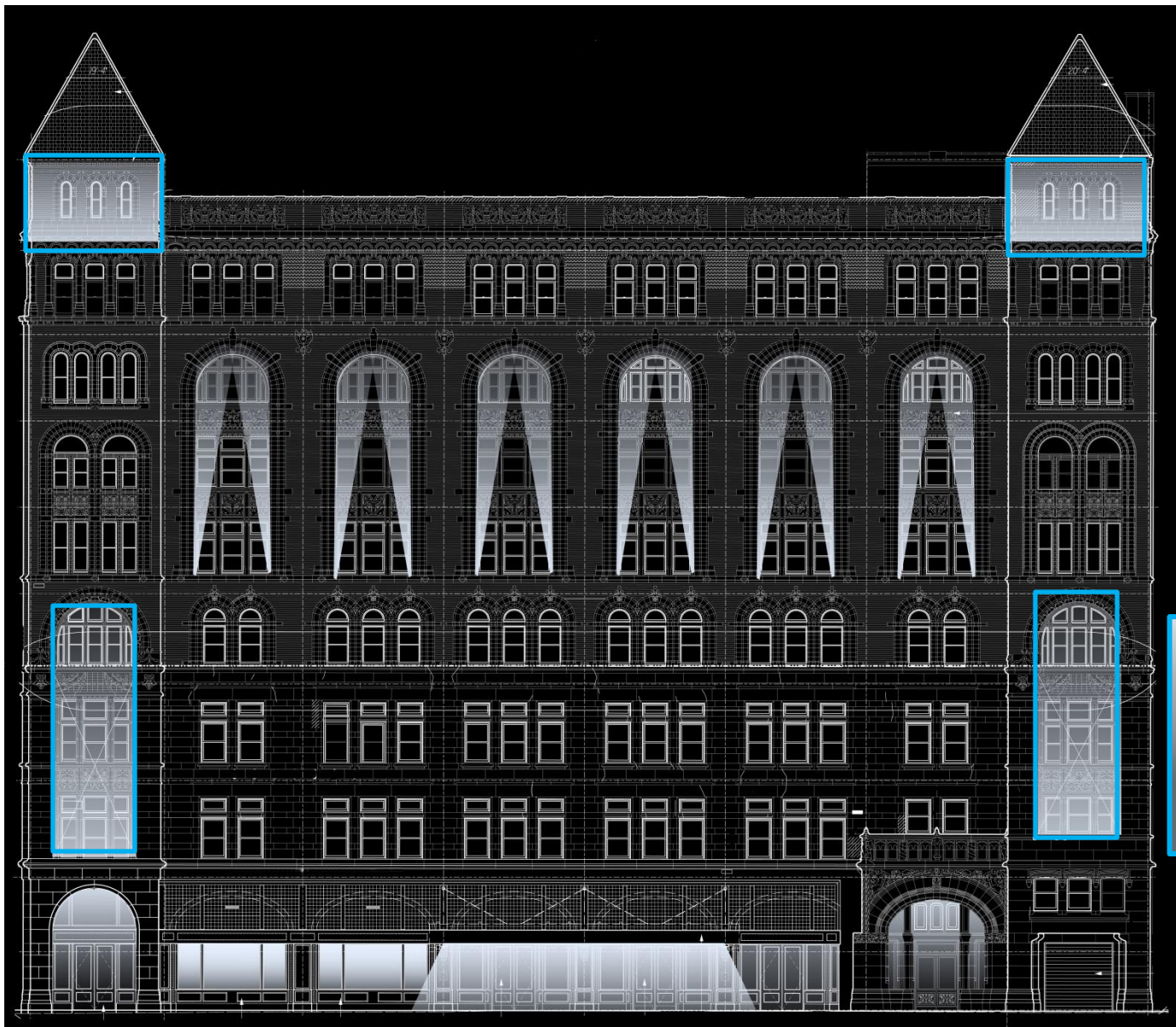




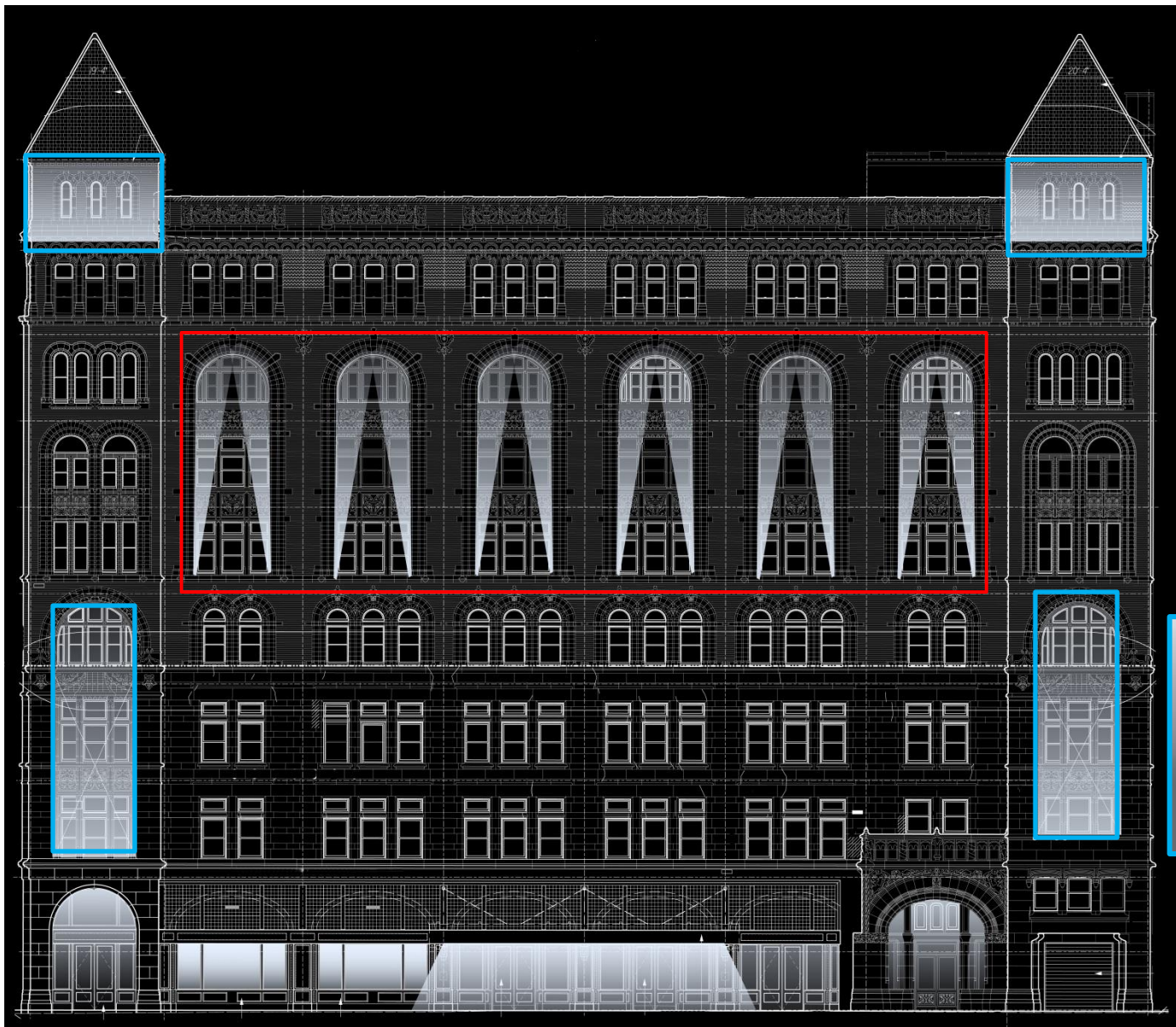
Introduction | Façade | Retail | Lobby | Office



Introduction | Façade | Retail | Lobby | Office



Introduction | Façade | Retail | Lobby | Office



Introduction | Façade | Retail | Lobby | Office

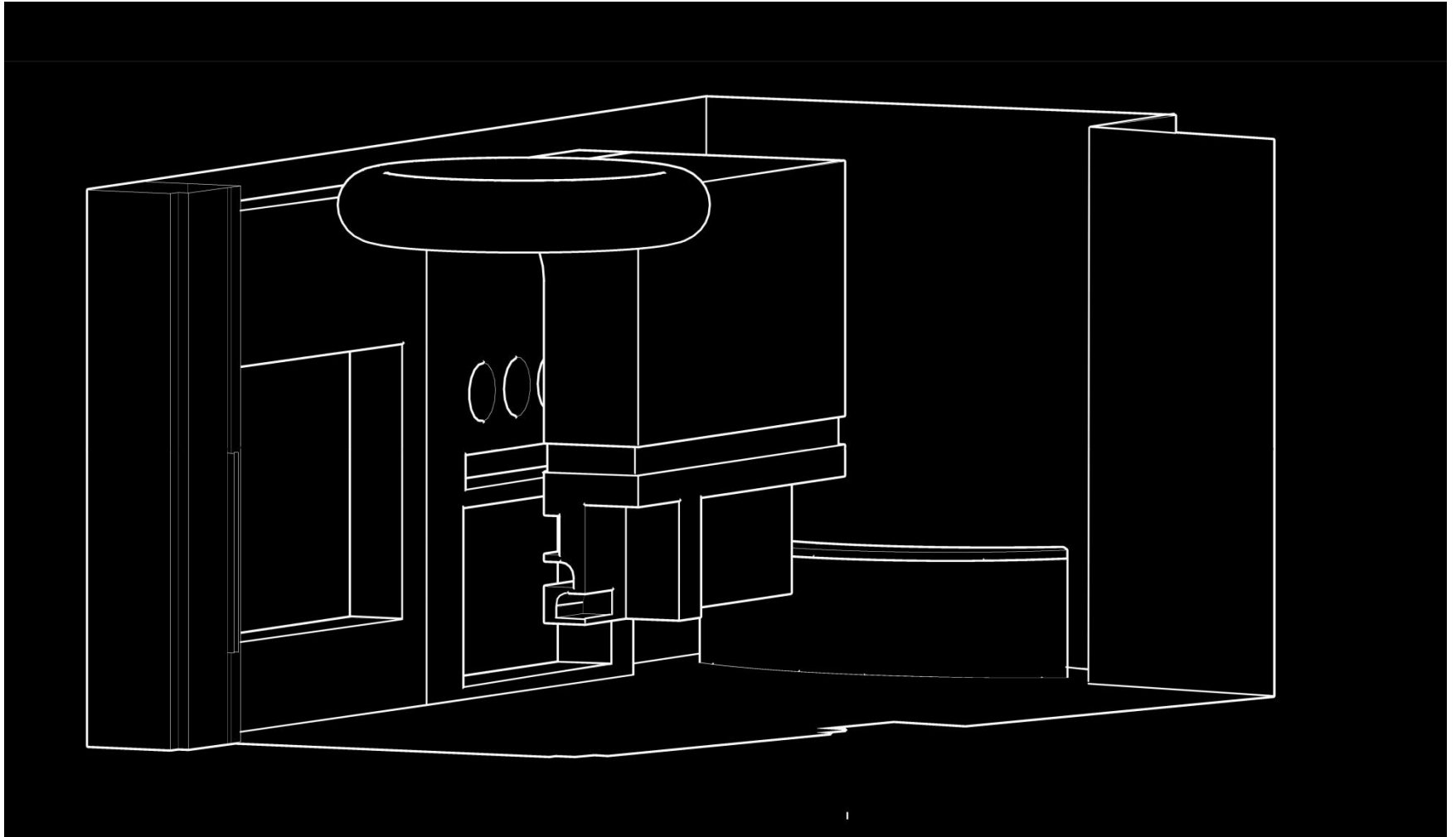
# Retail Space Lighting

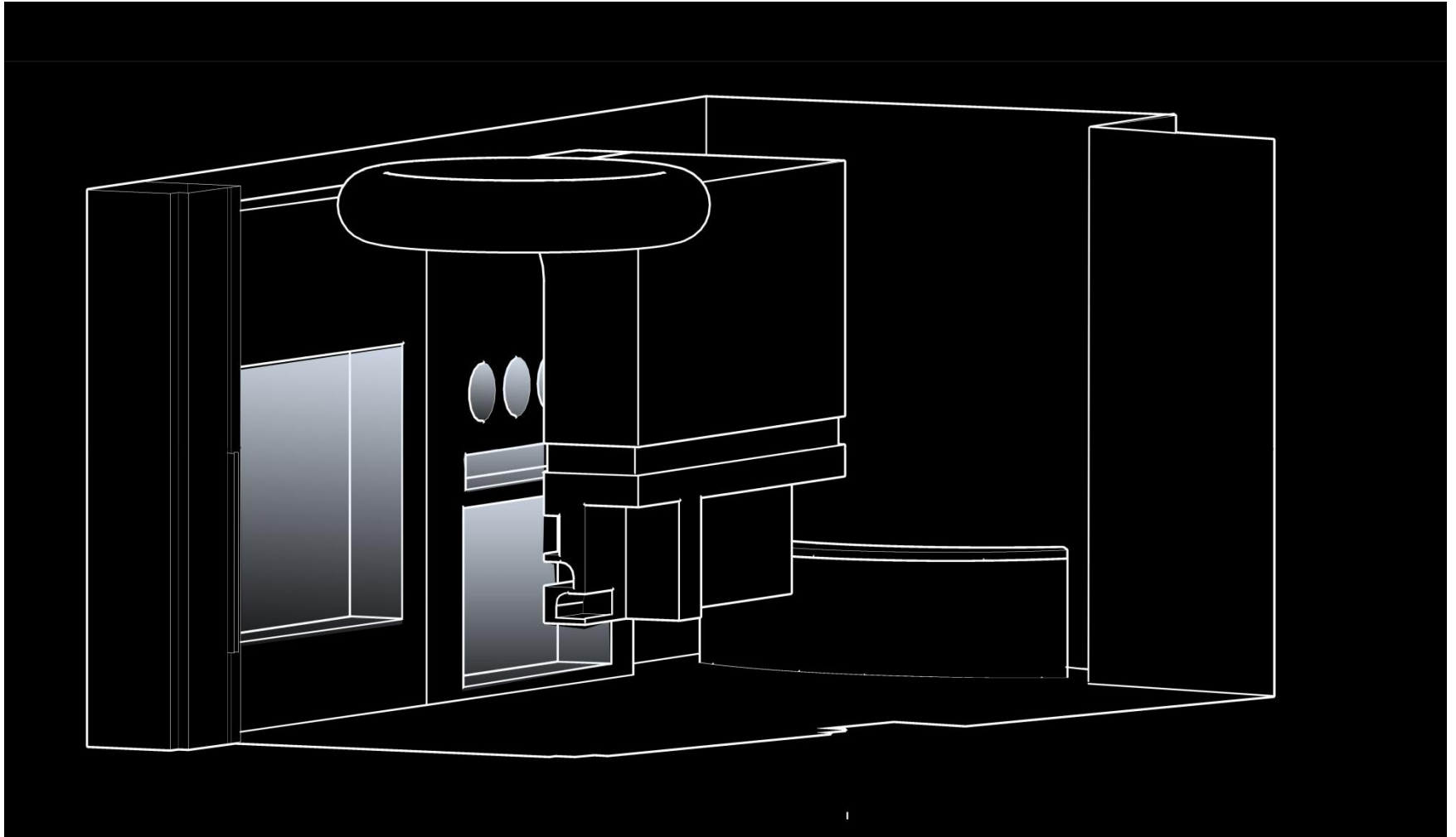
“Enhance the look of the store and merchandise to maximize sales opportunity”

## Design Criteria

- **Welcoming**- inviting interior to draw one in
- **Guiding**- lead to a destination
- **Comfort**- minimal glare & view of fixtures
- **Dynamic**- ability to adjust

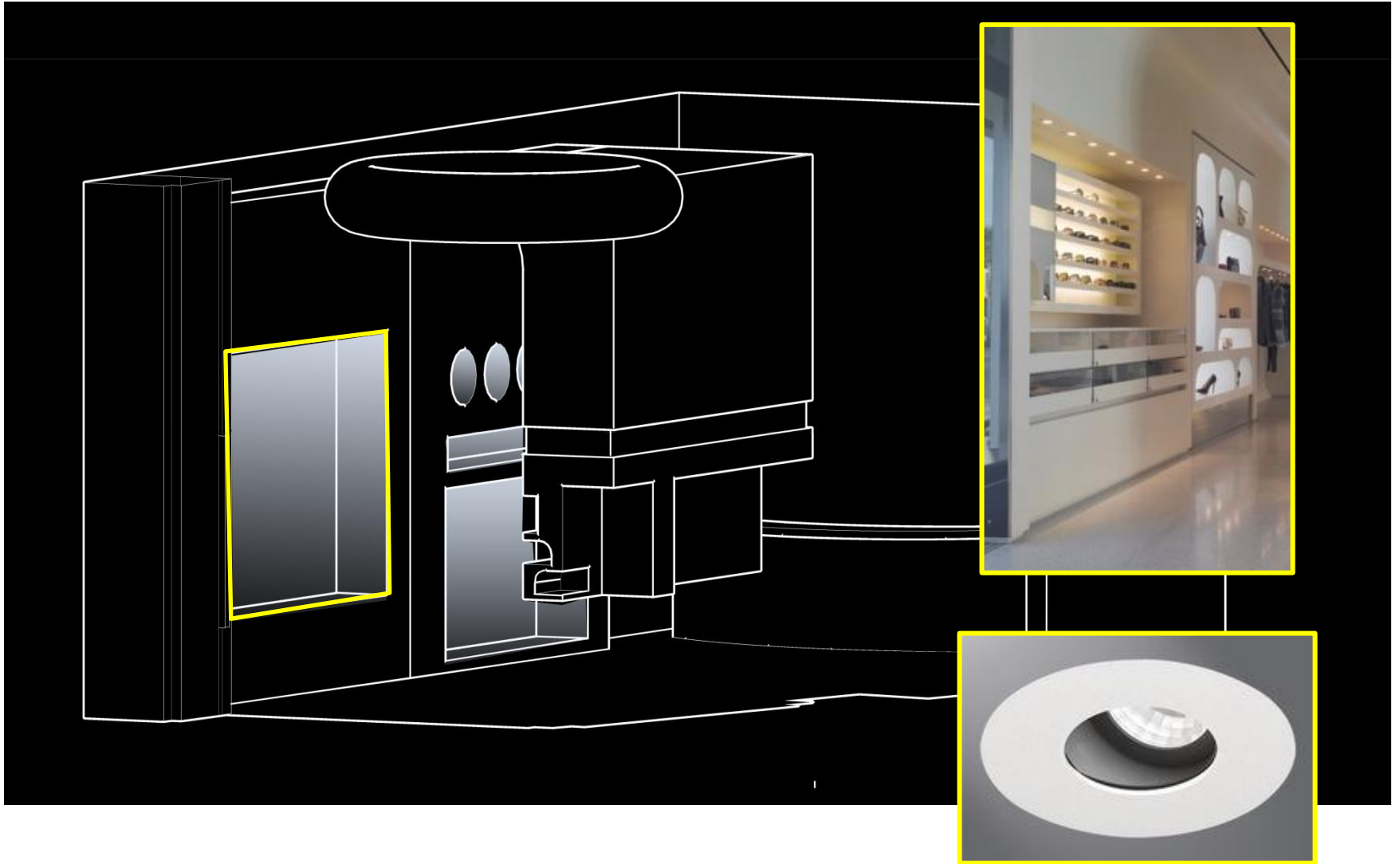
# Retail Space 1 Lighting

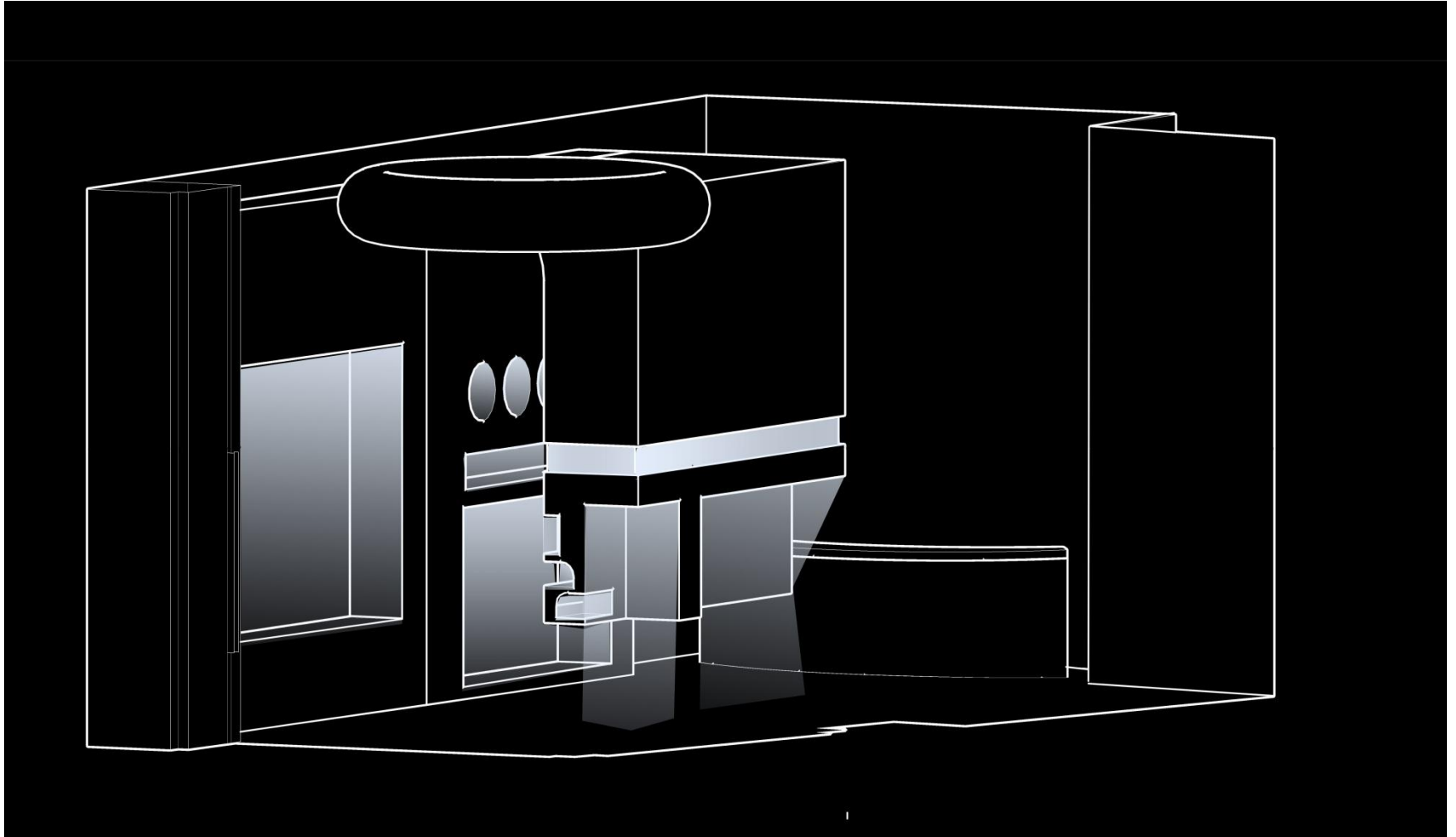




Introduction | Façade | Retail | Lobby | Office

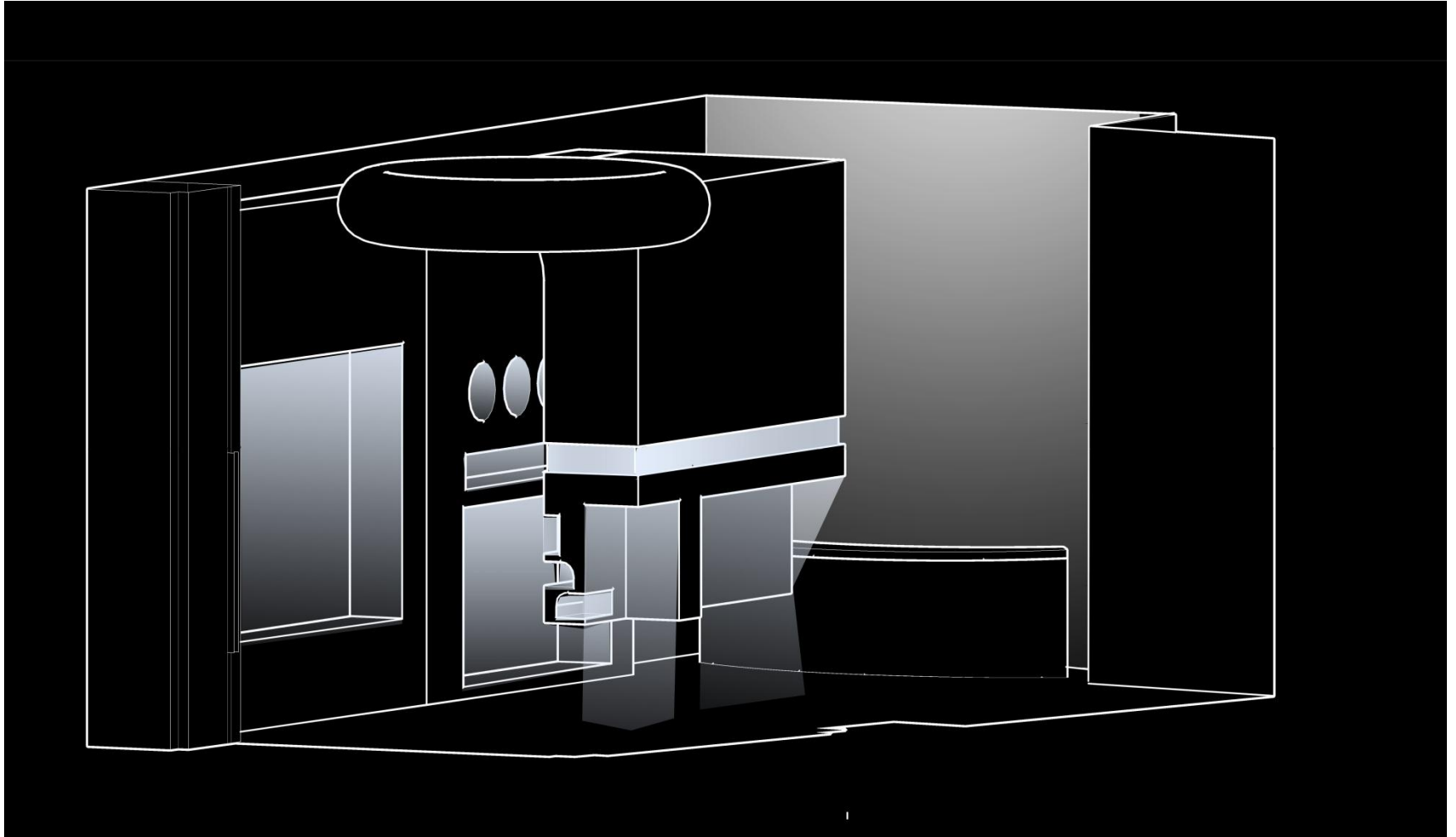


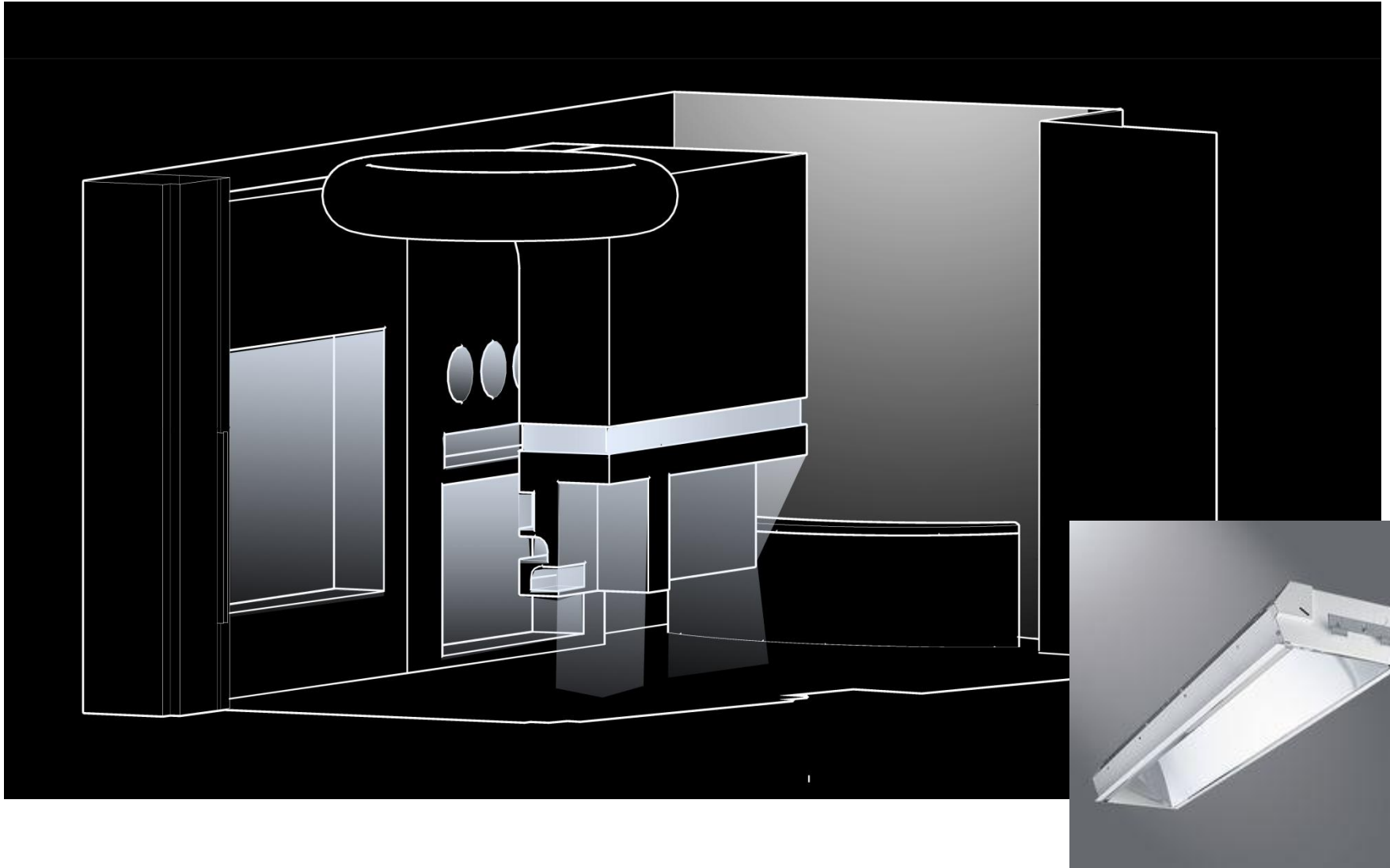




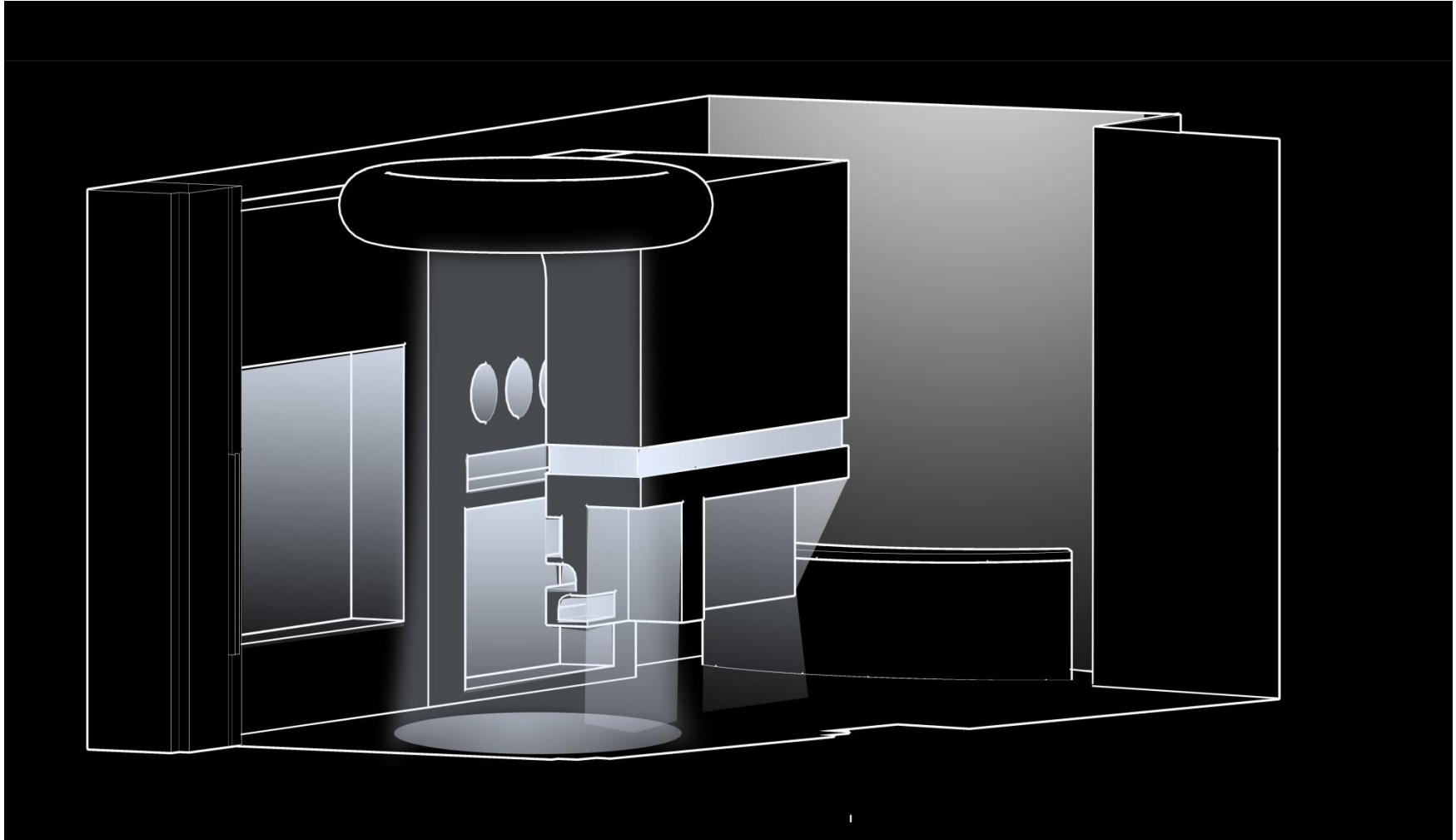
Introduction | Façade | Retail | Lobby | Office

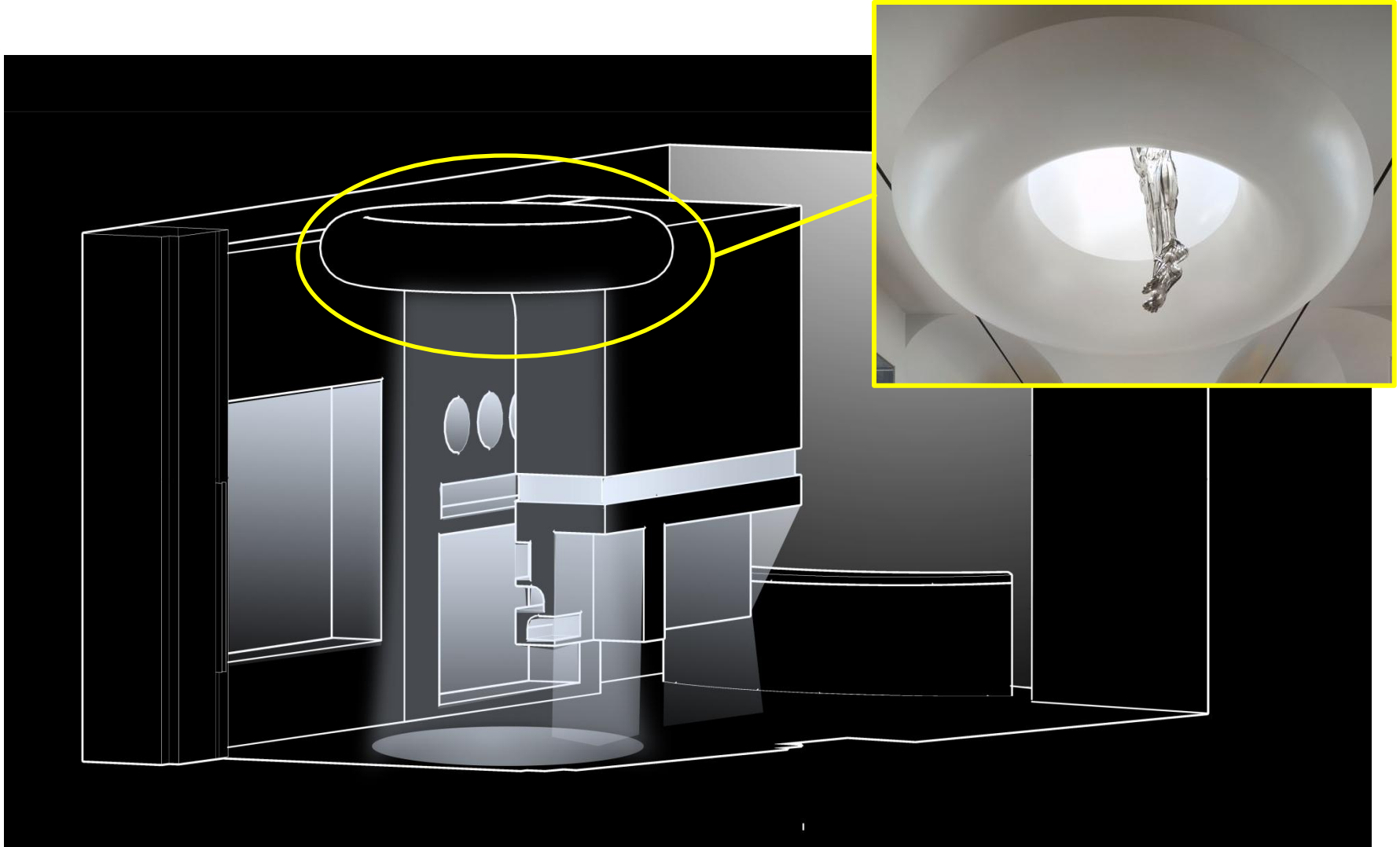


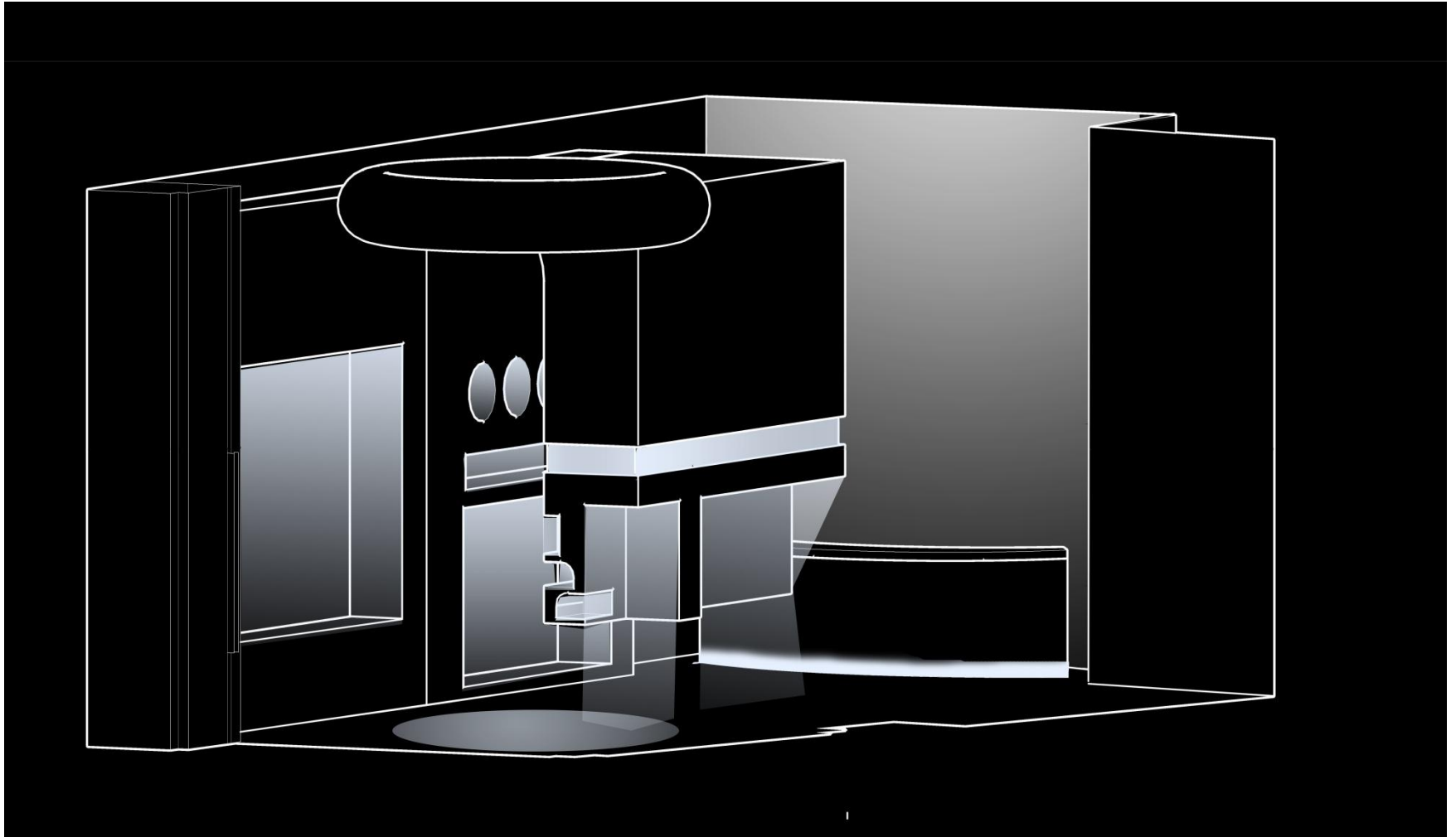




Introduction | Façade | Retail | Lobby | Office

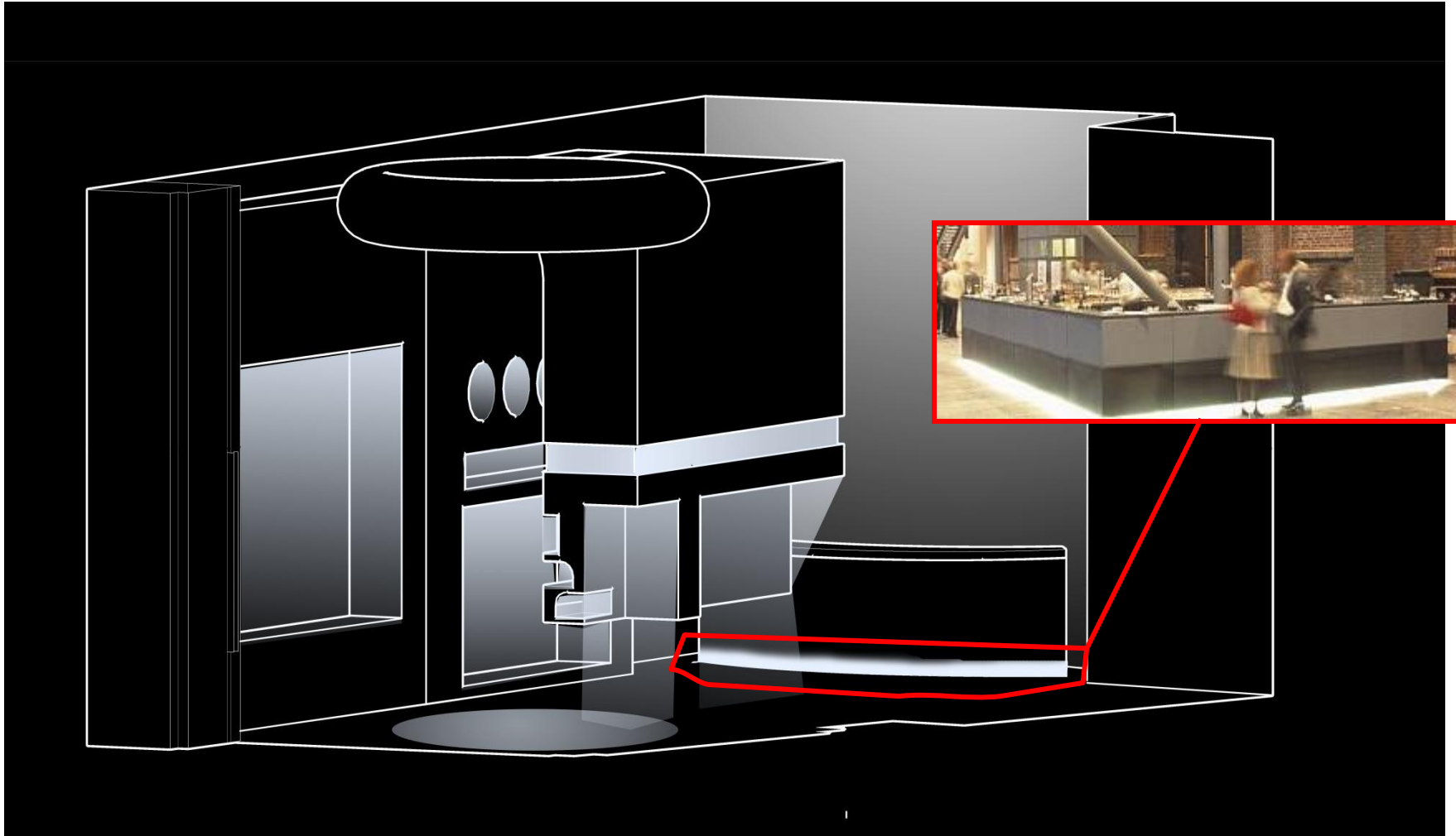




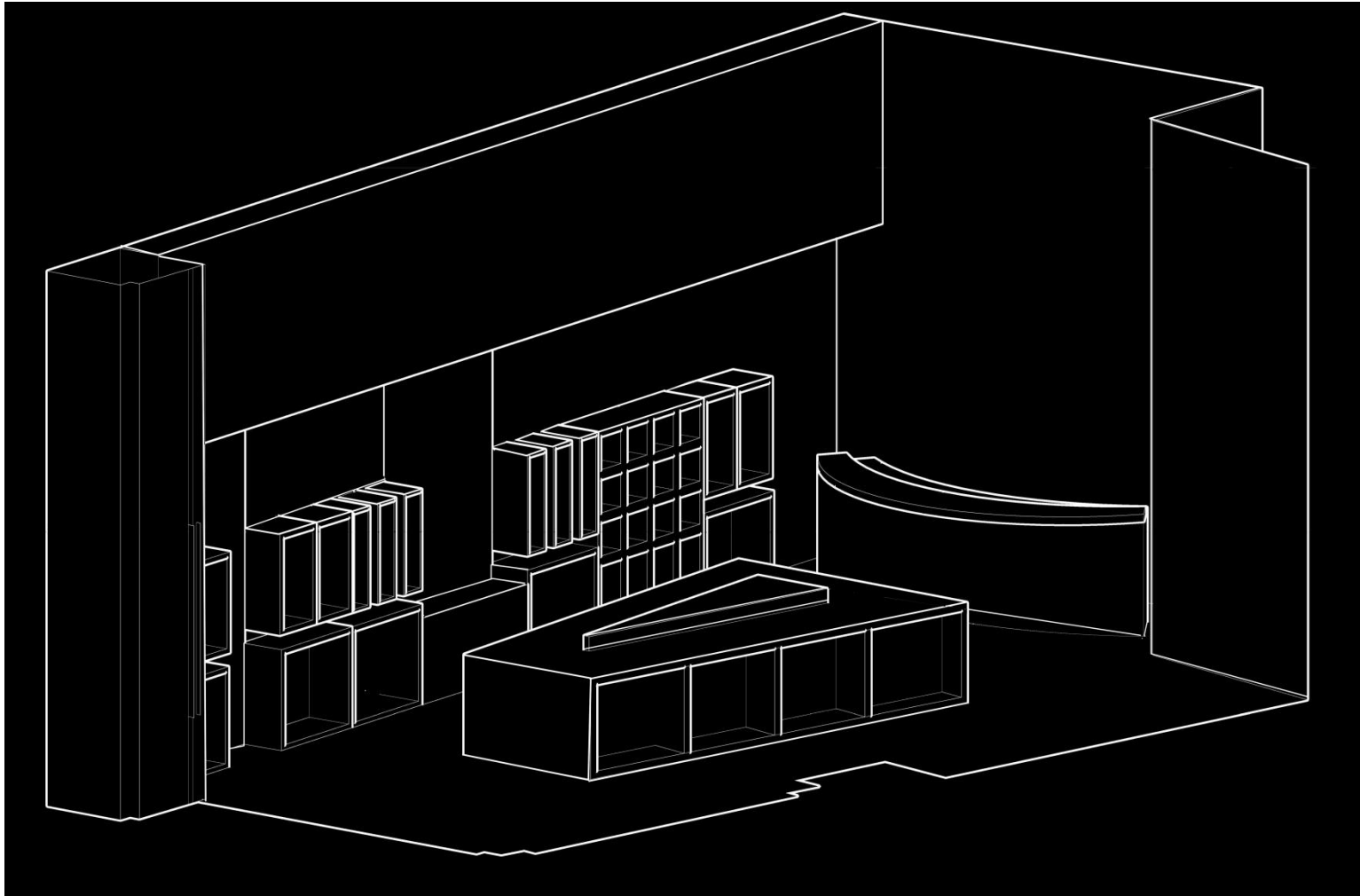


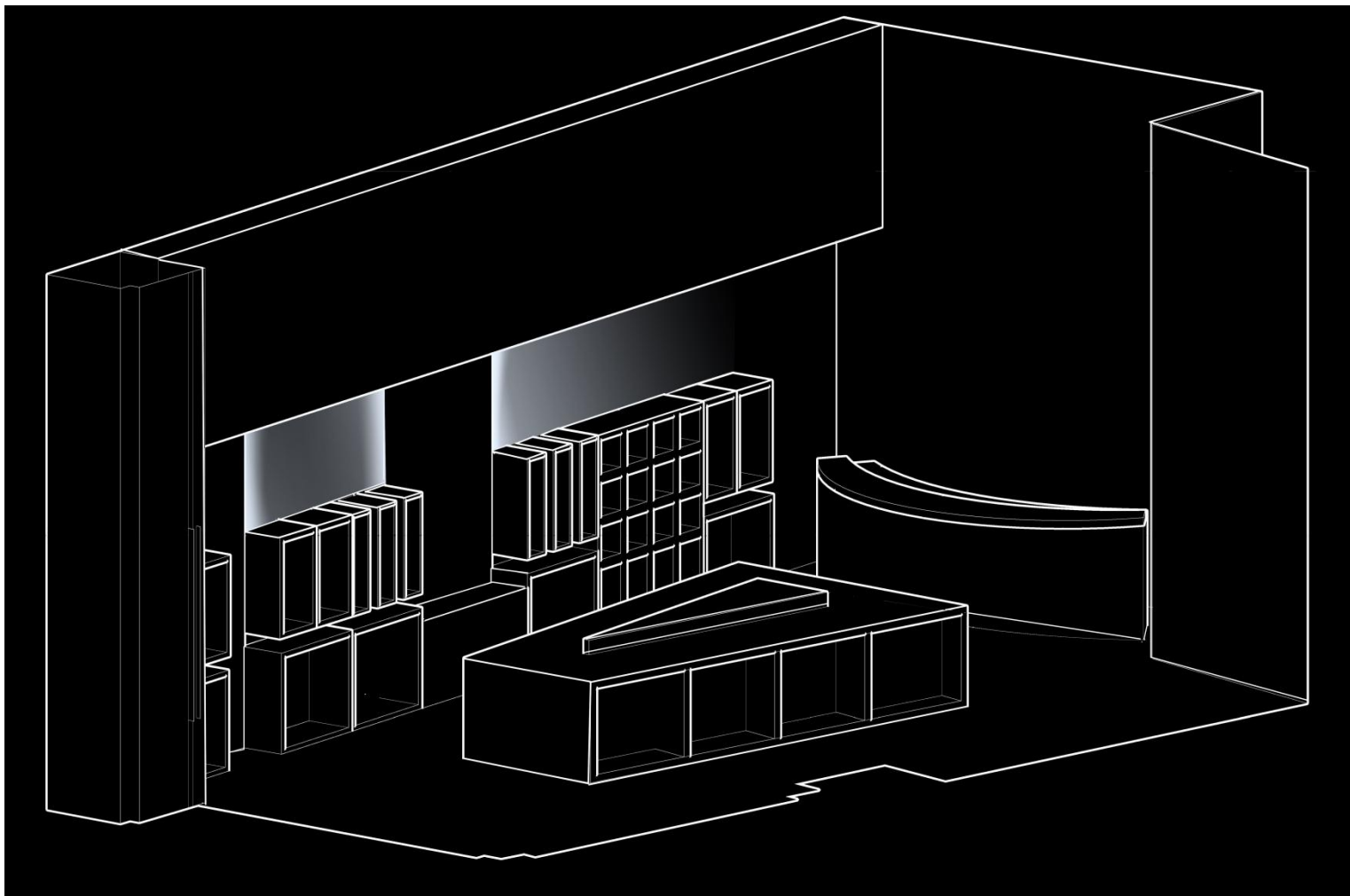
Introduction | Façade | Retail | Lobby | Office

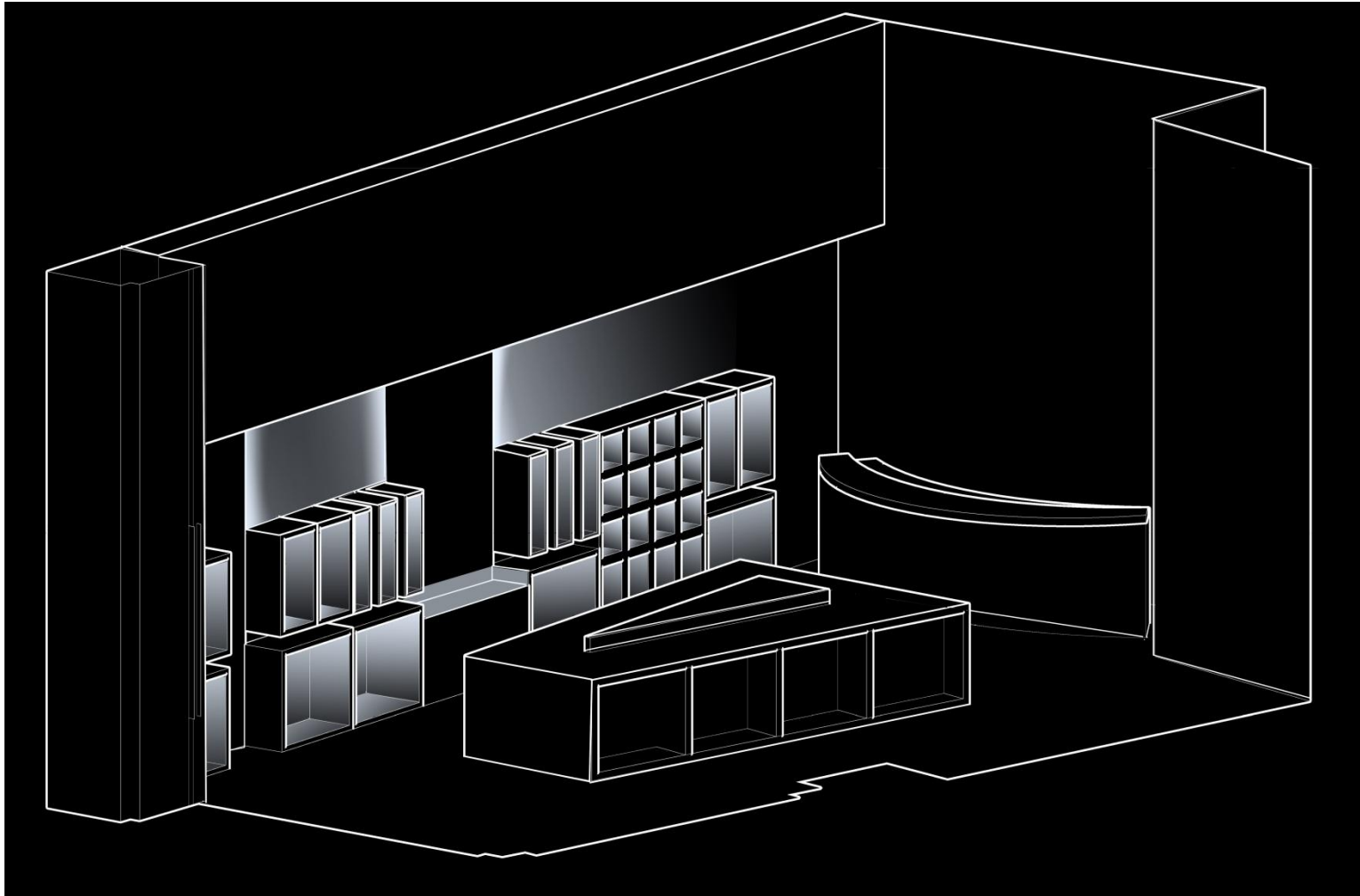


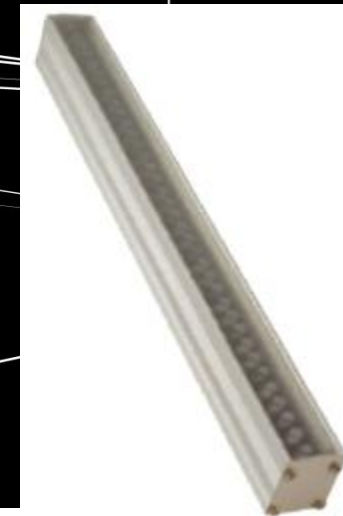
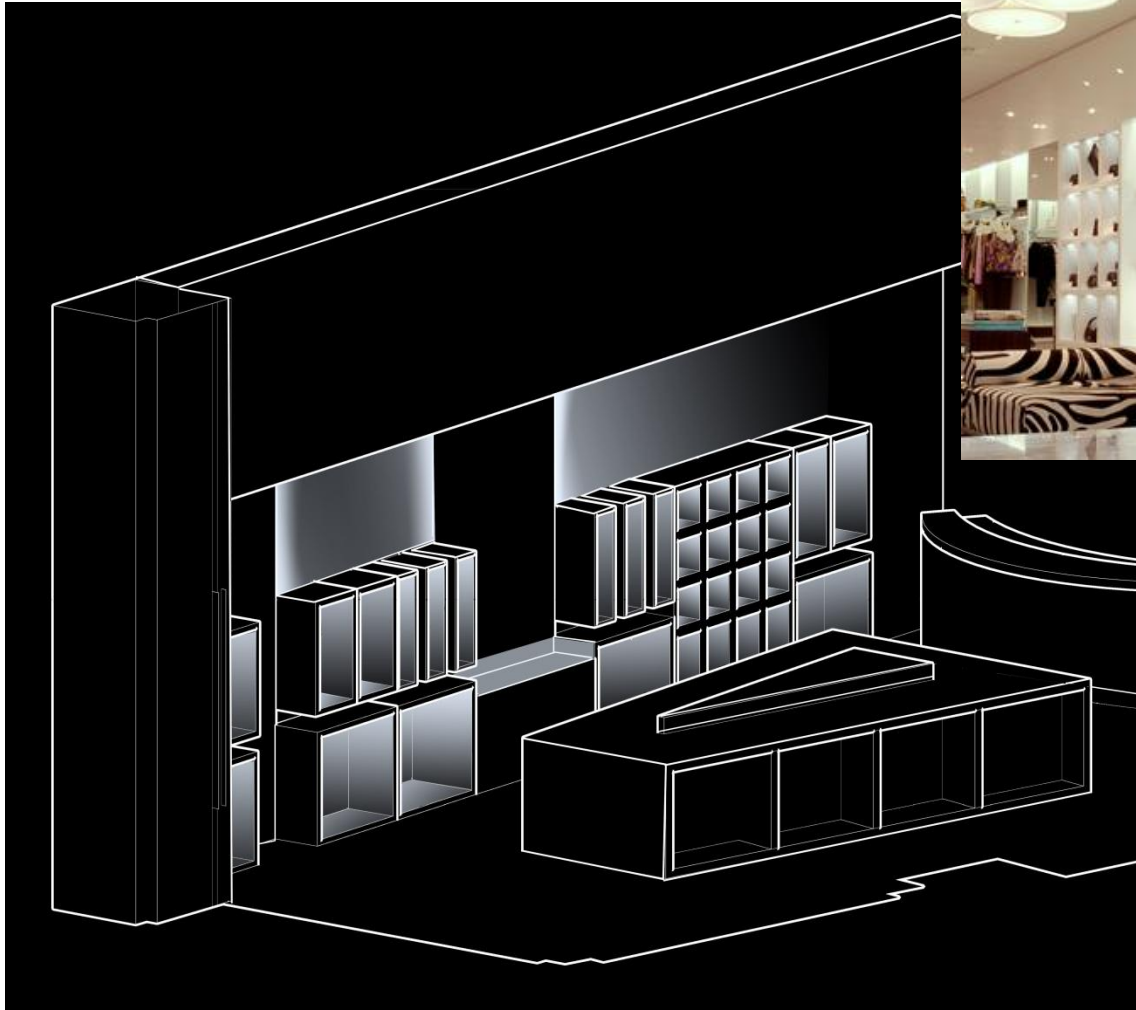


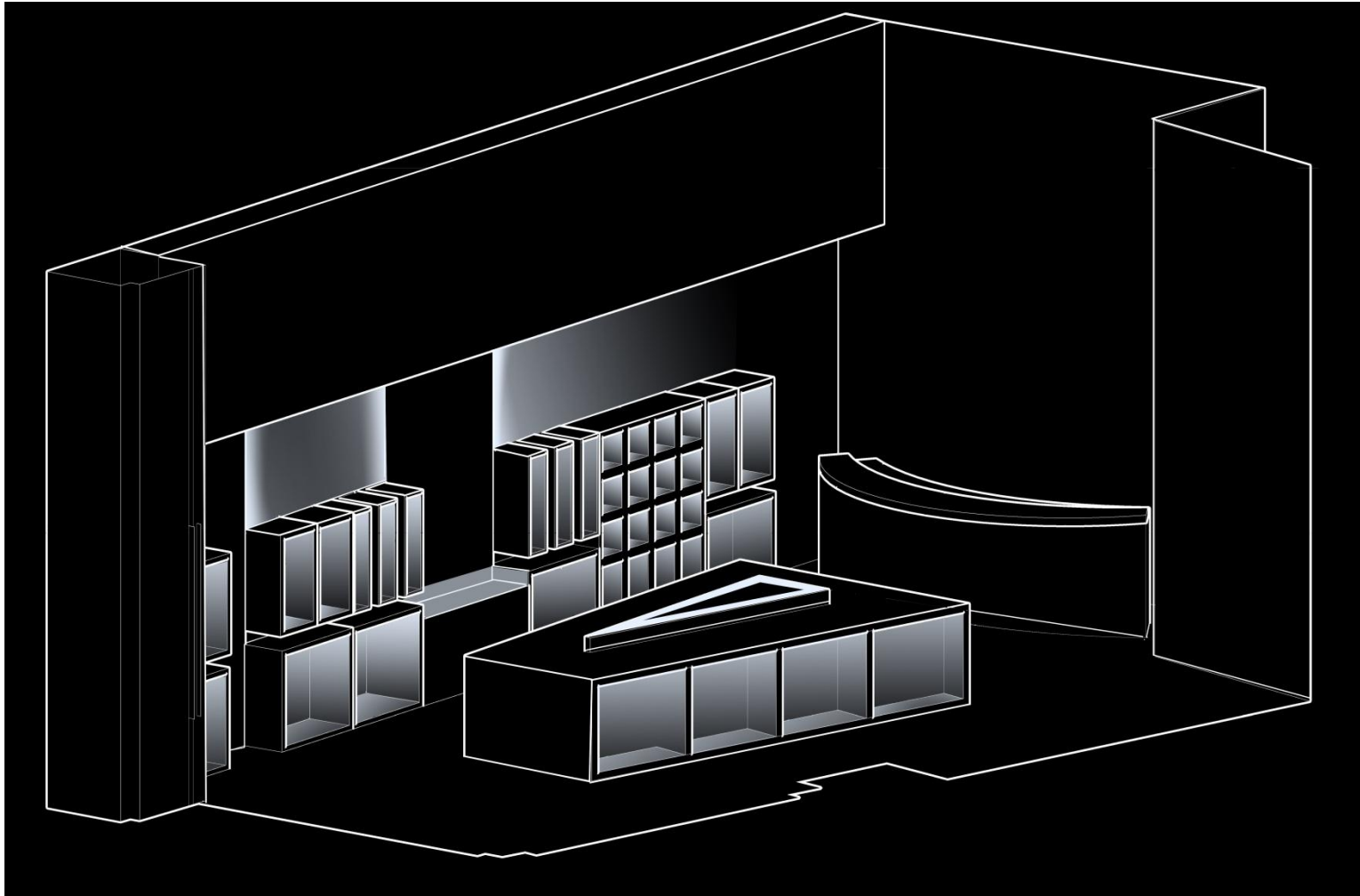
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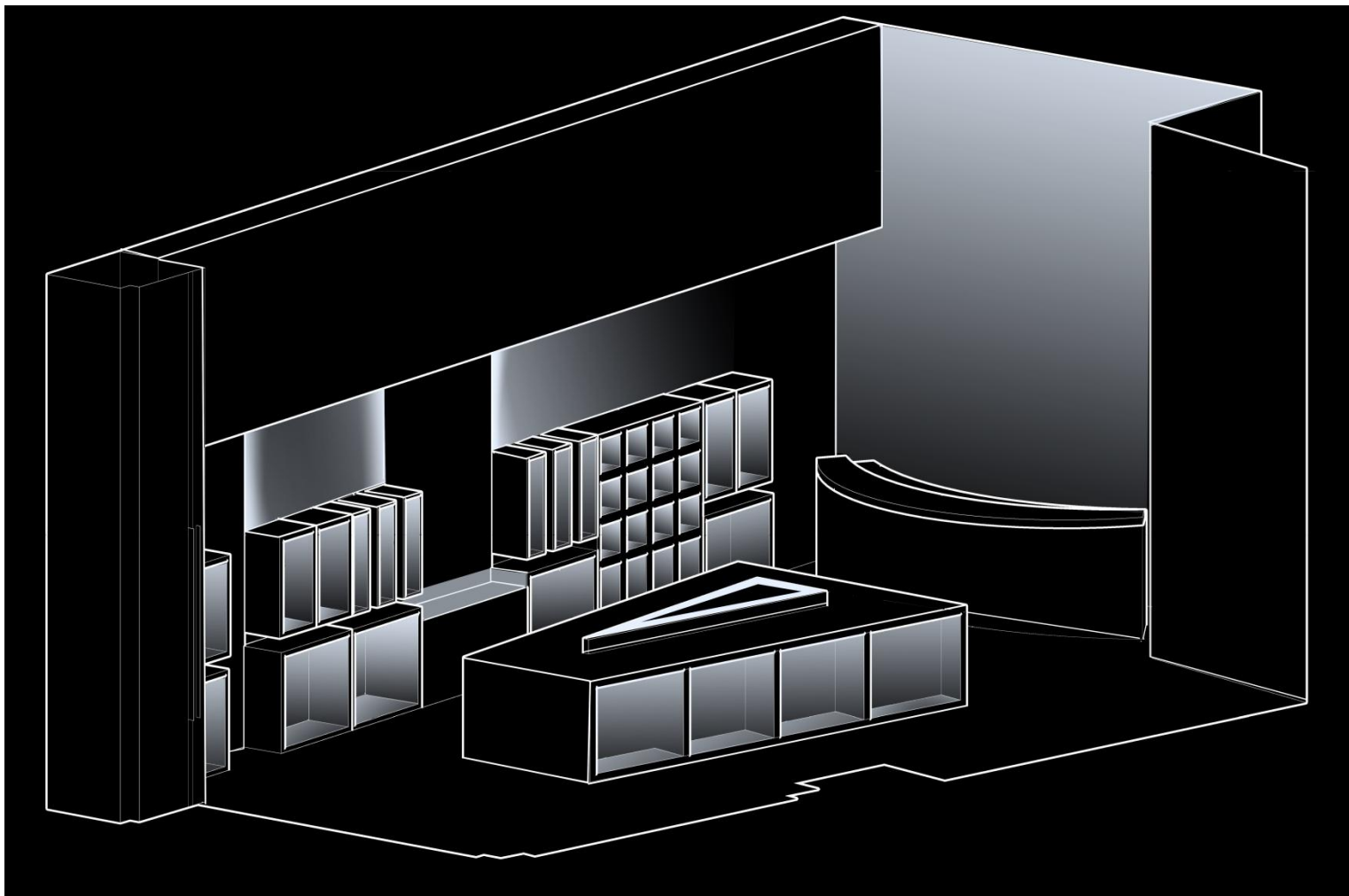






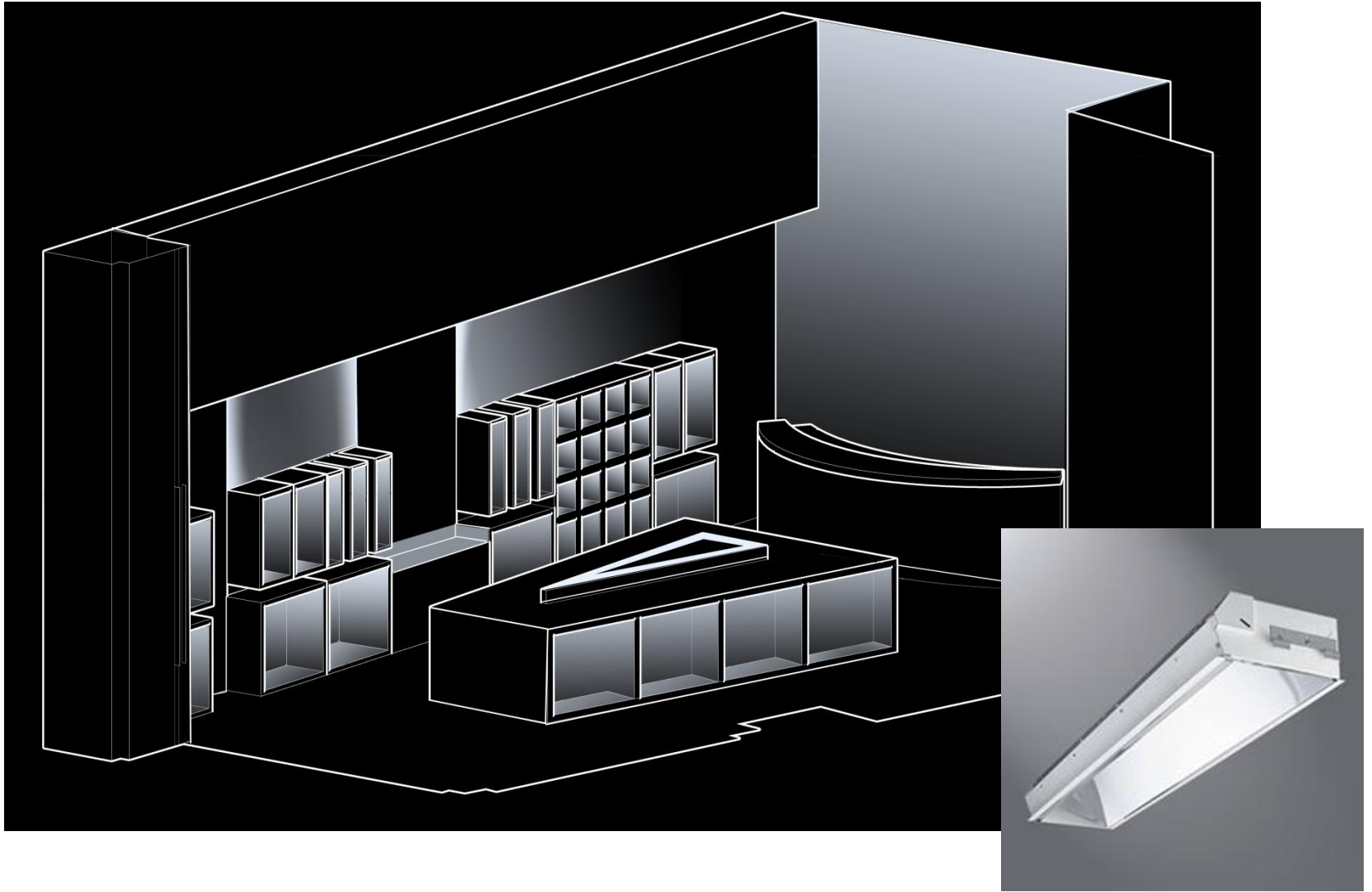


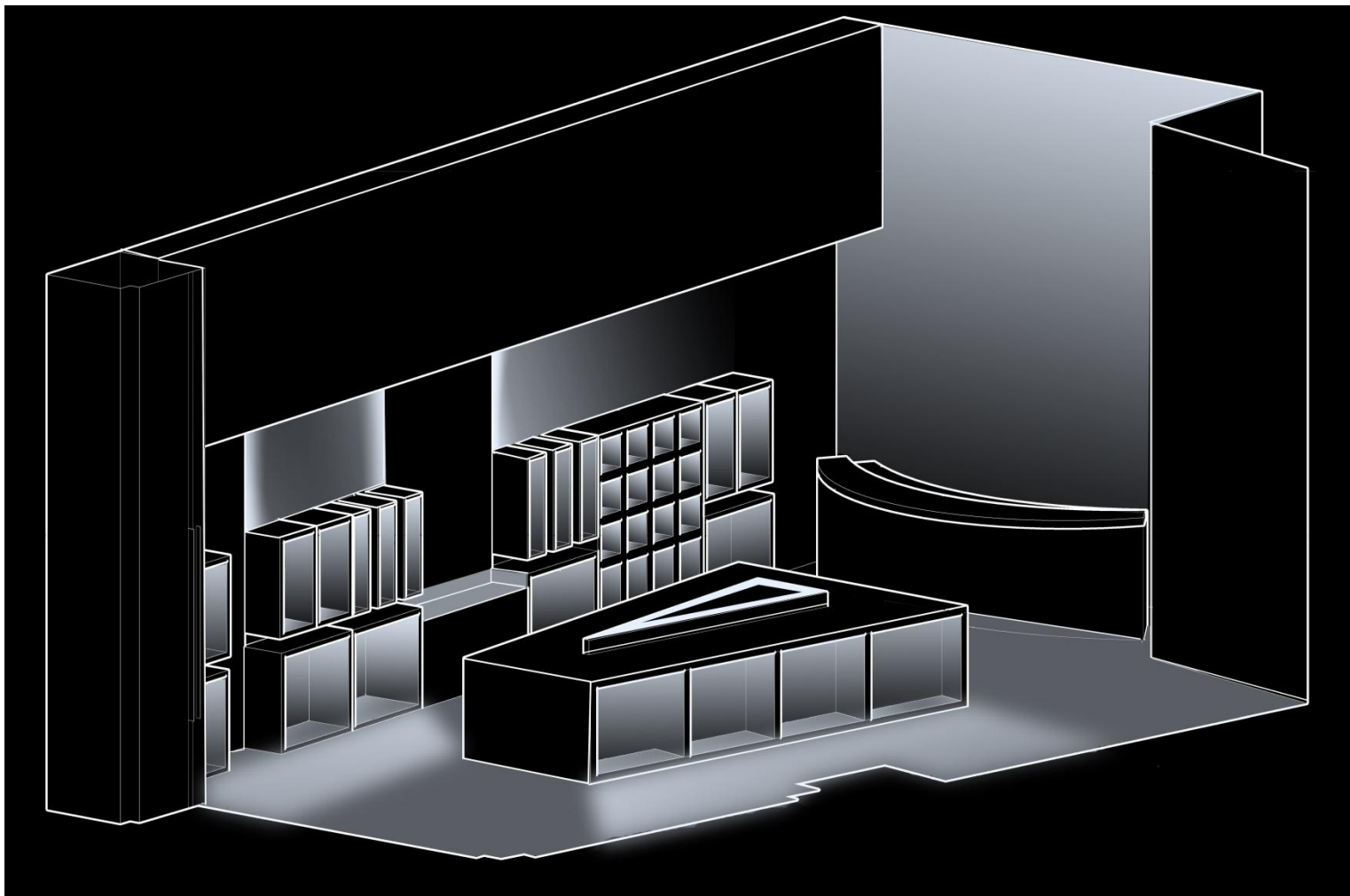
Introduction | Façade | Retail | Lobby | Office

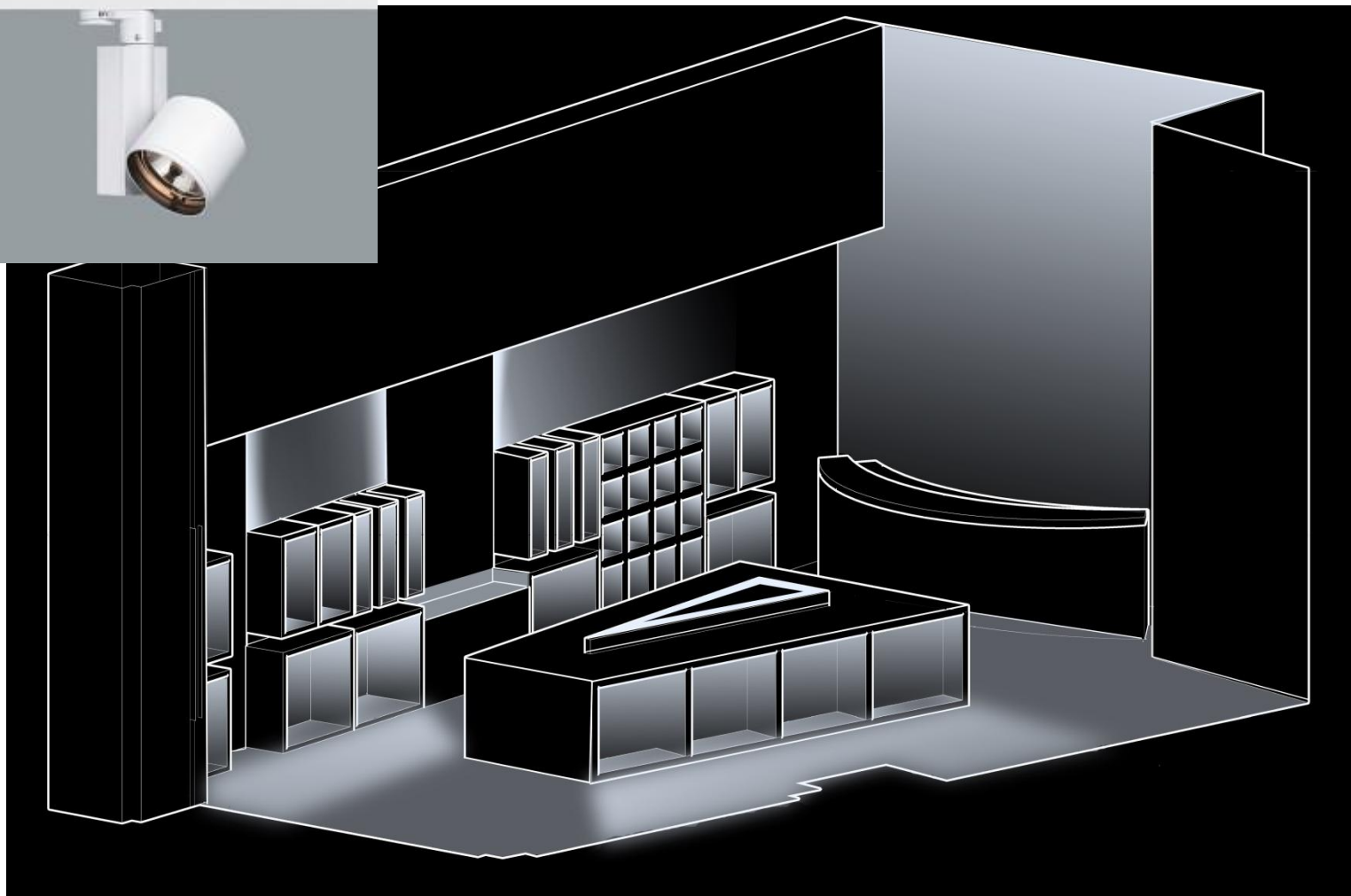


Introduction | Façade | Retail | Lobby | Office

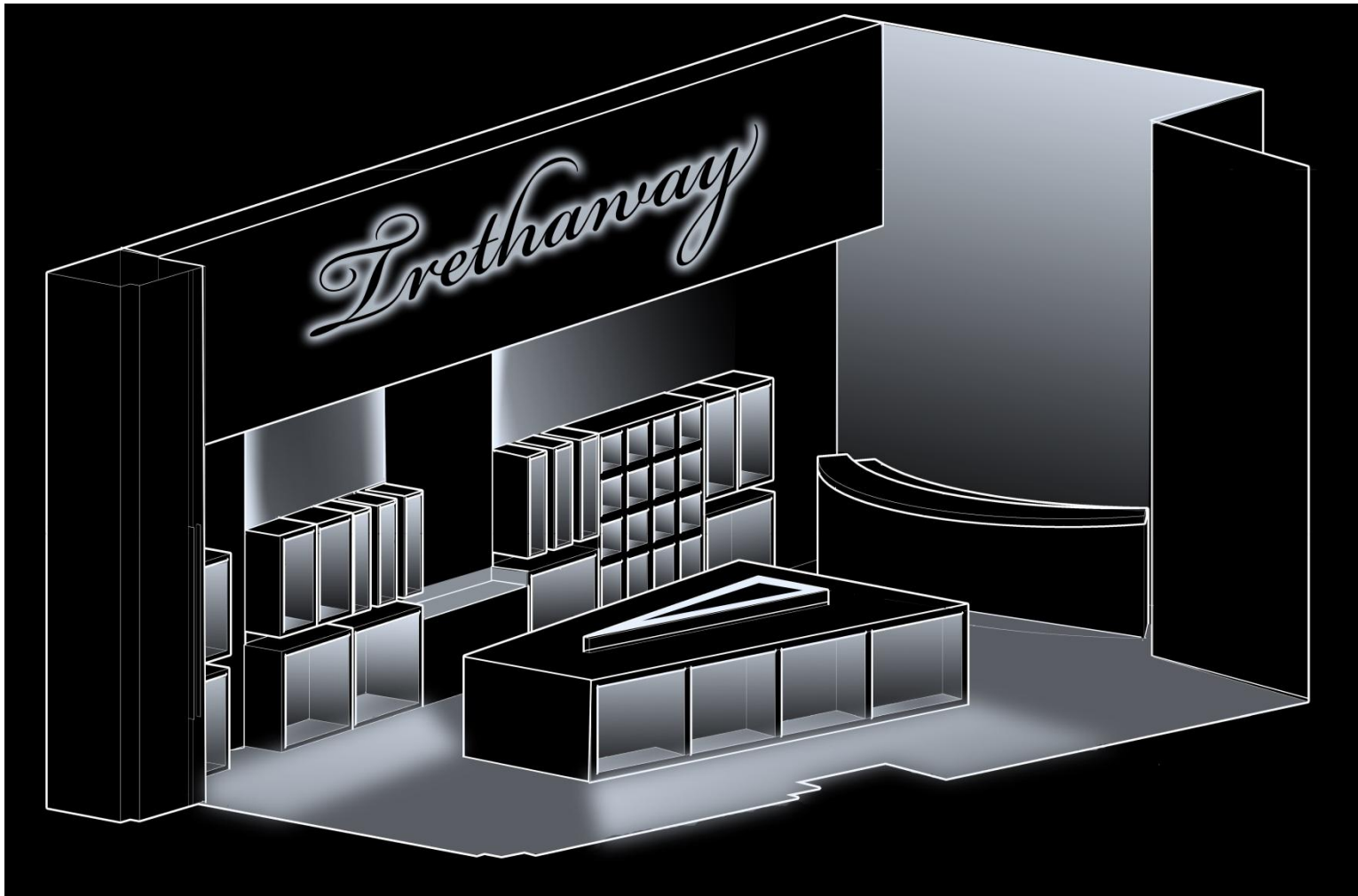






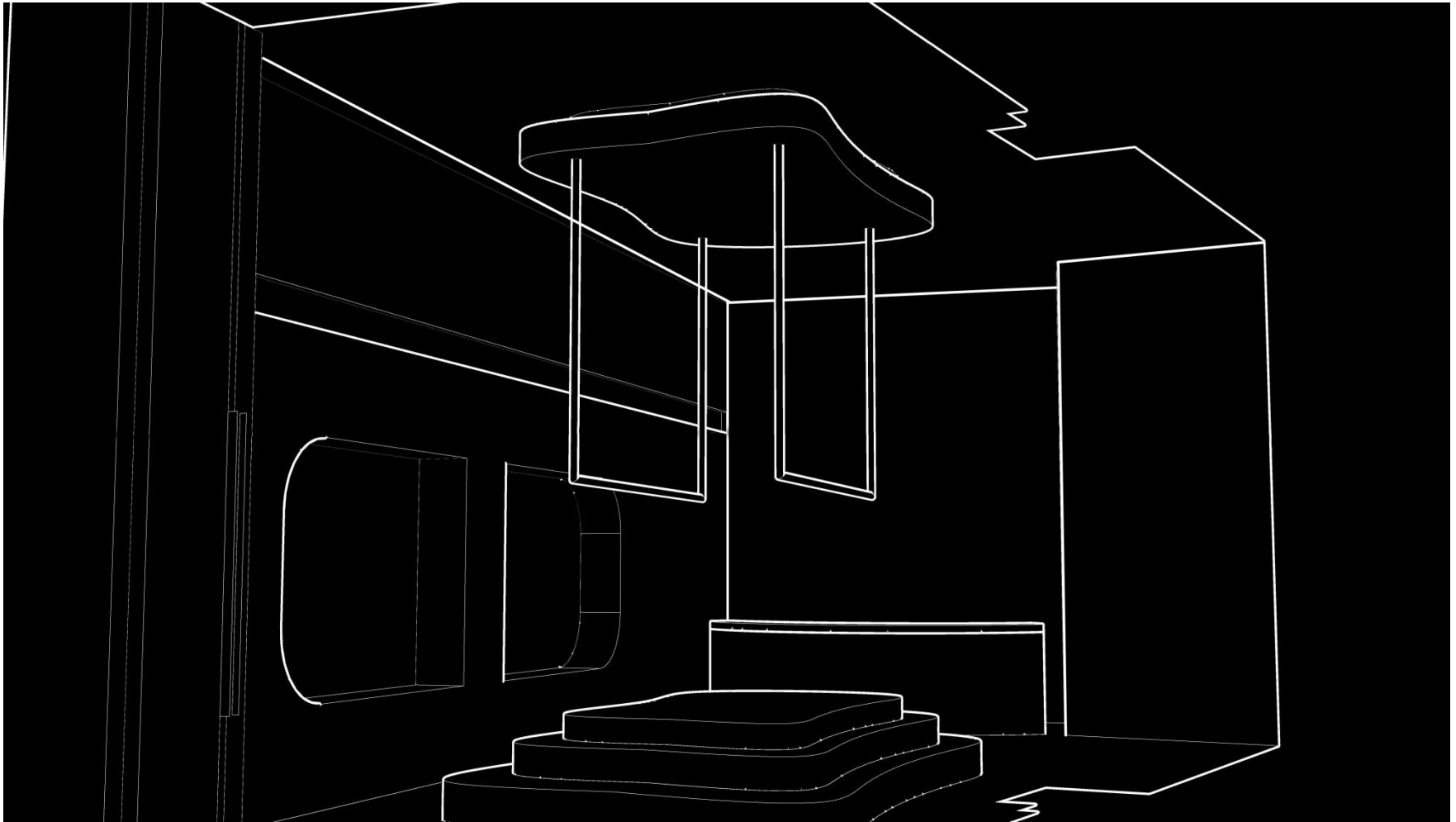


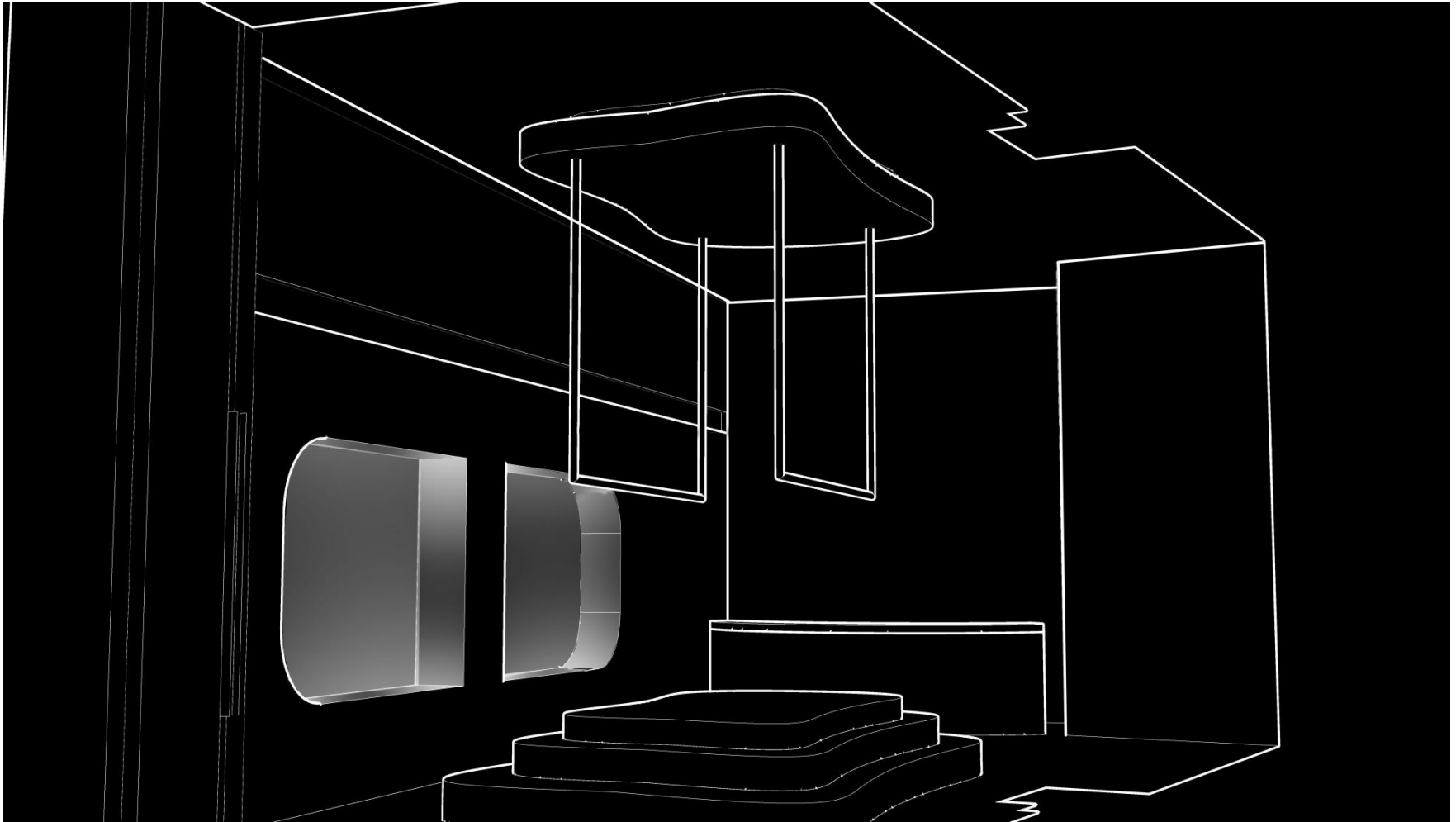
Introduction | Façade | Retail | Lobby | Office

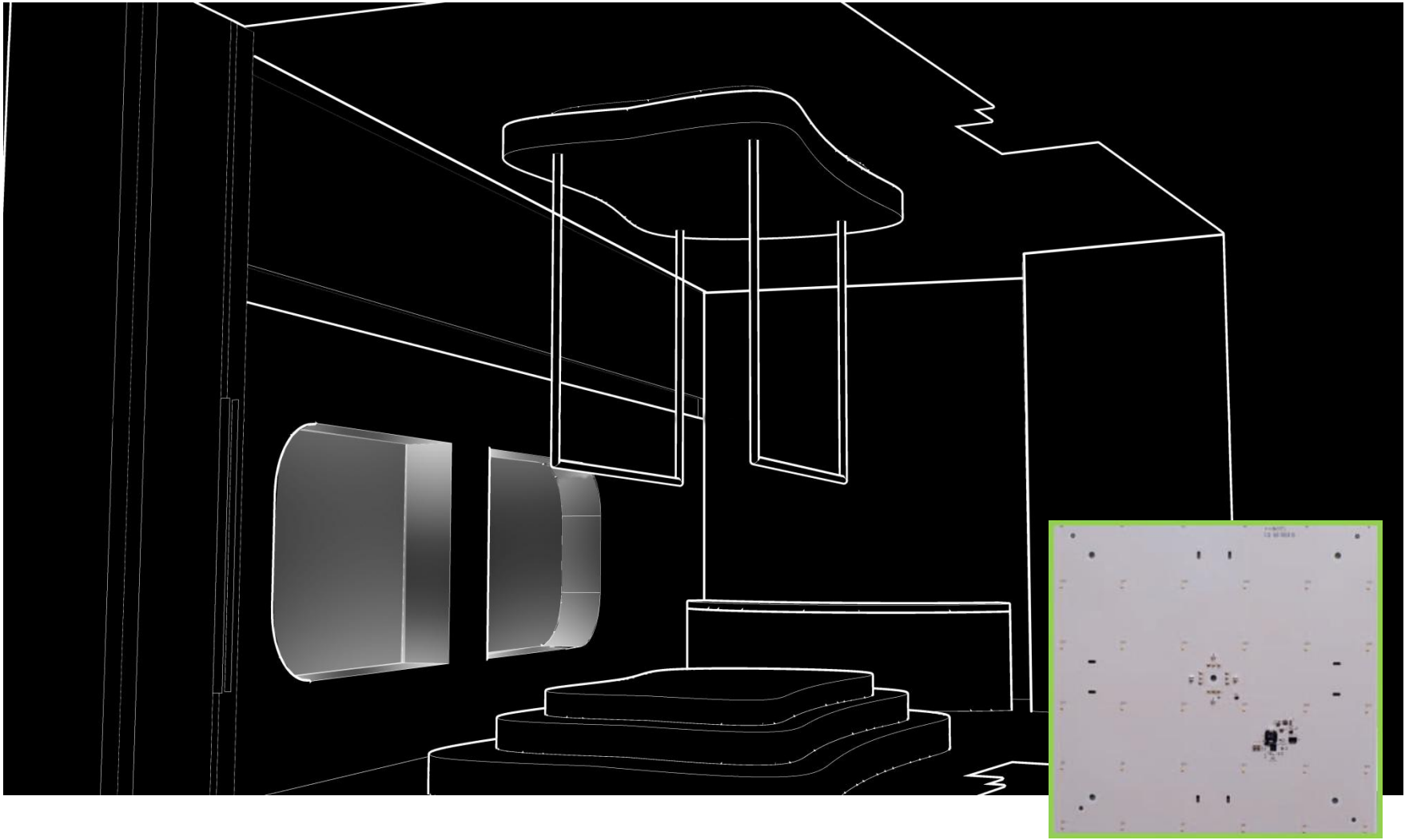


Introduction | Façade | Retail | Lobby | Office

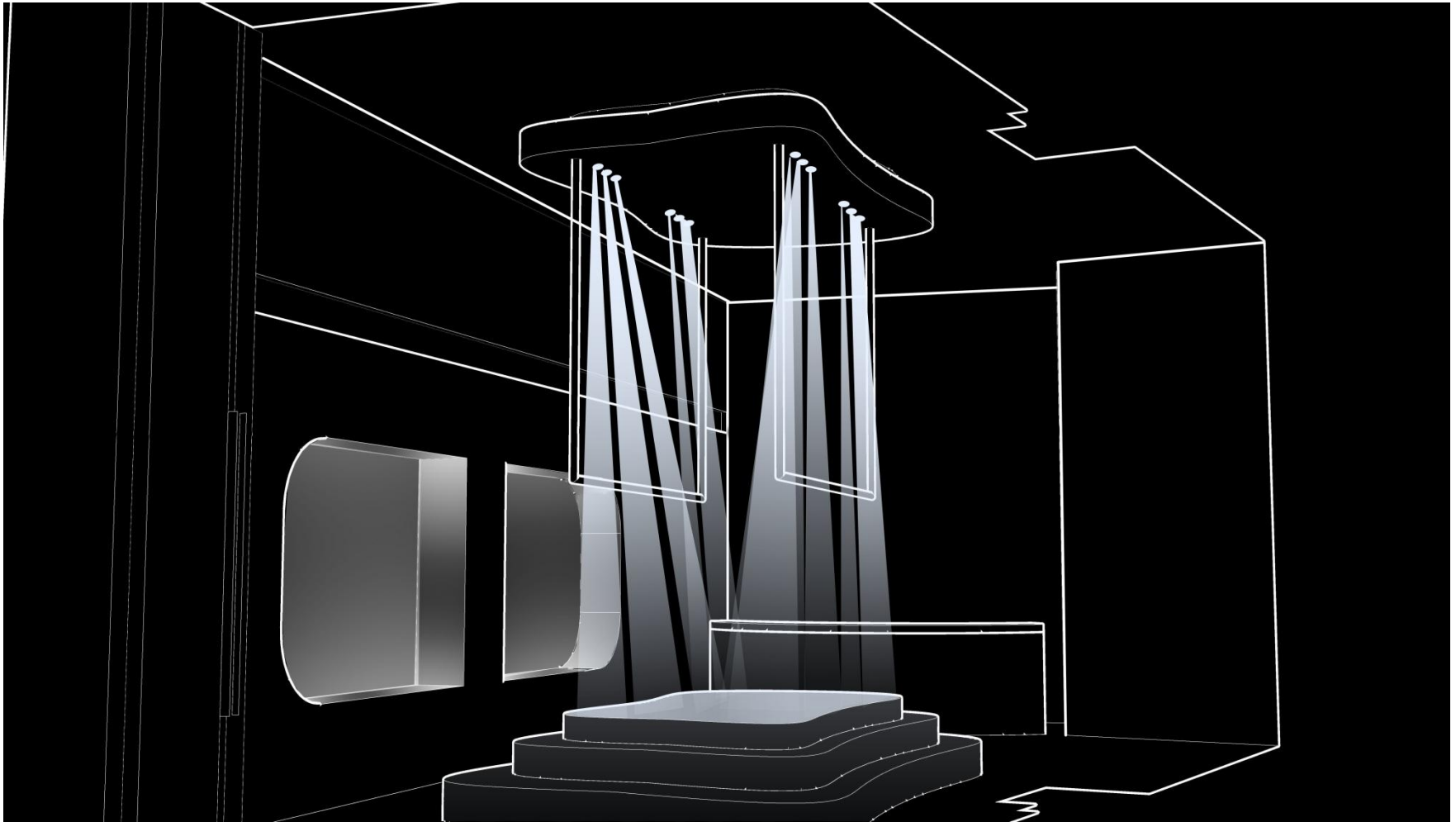
# Retail Space 3 Lighting

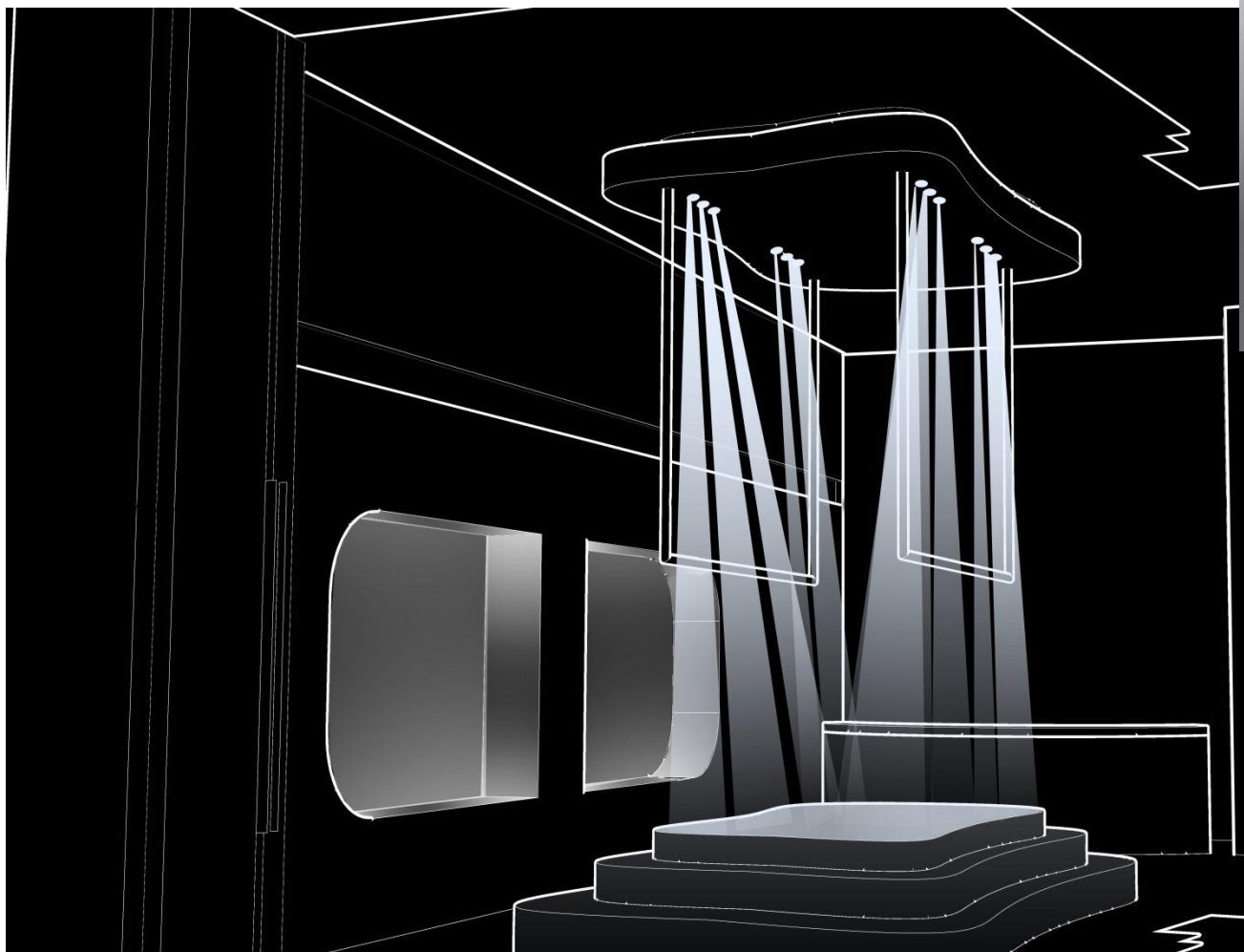


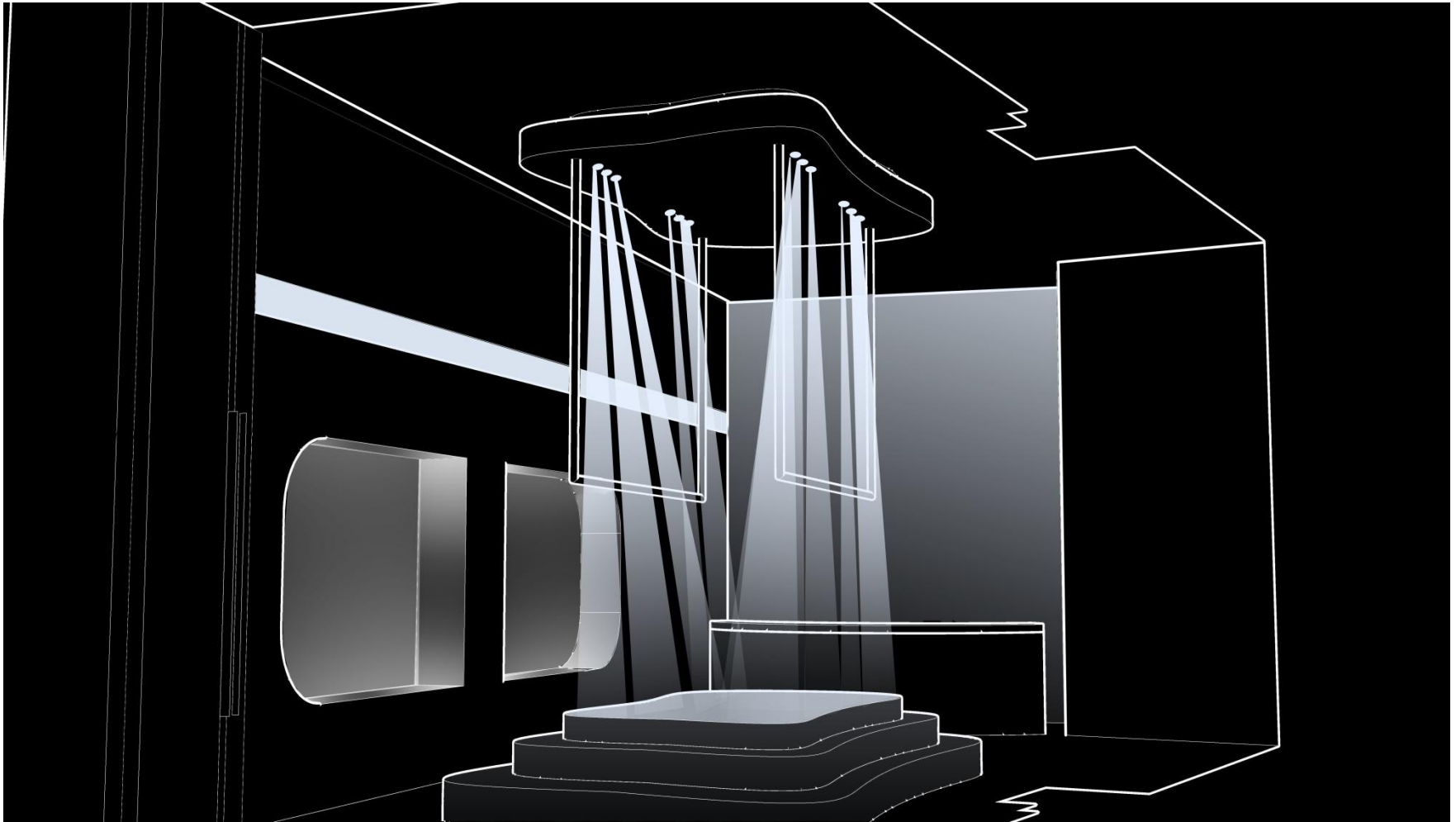


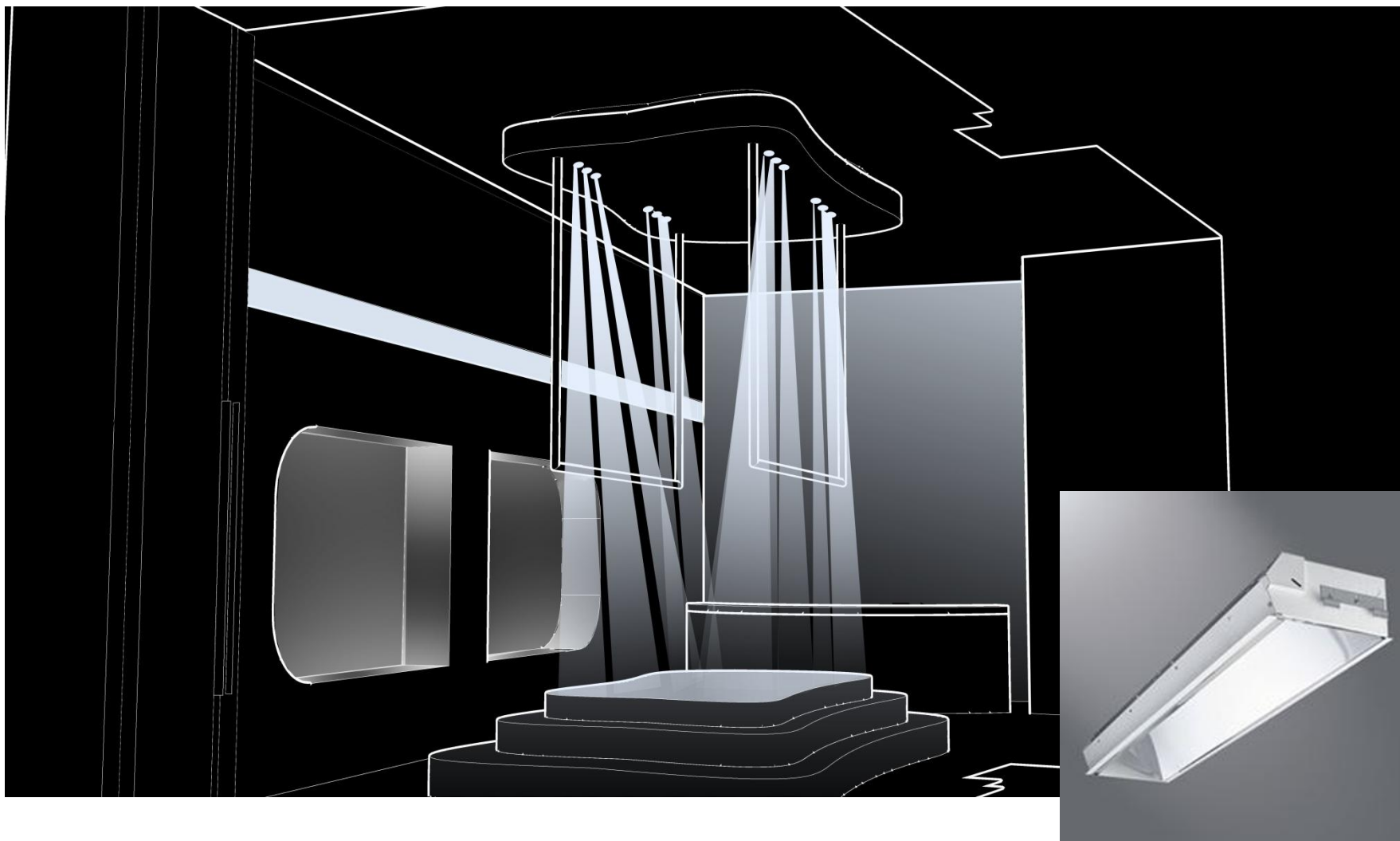


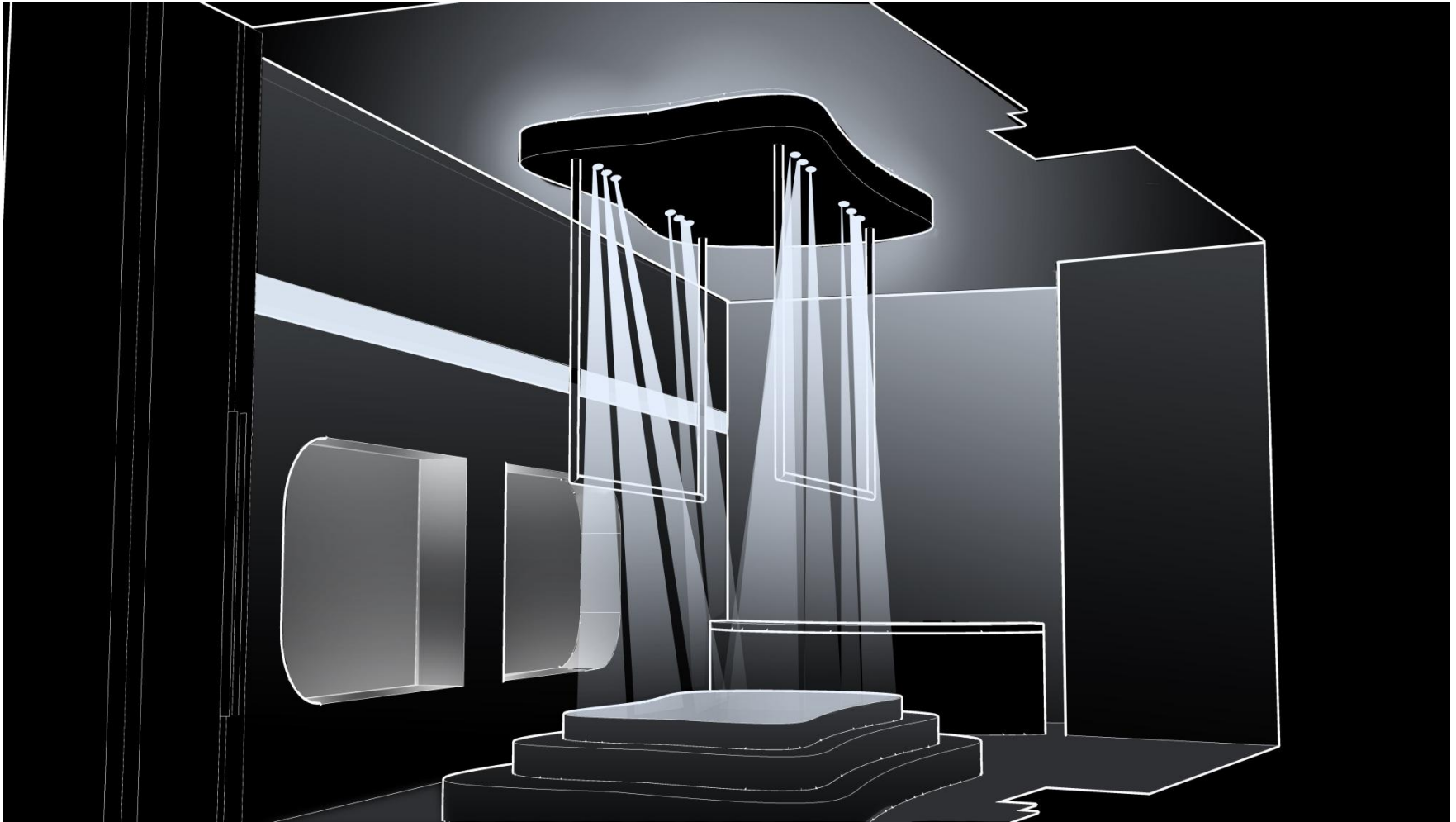


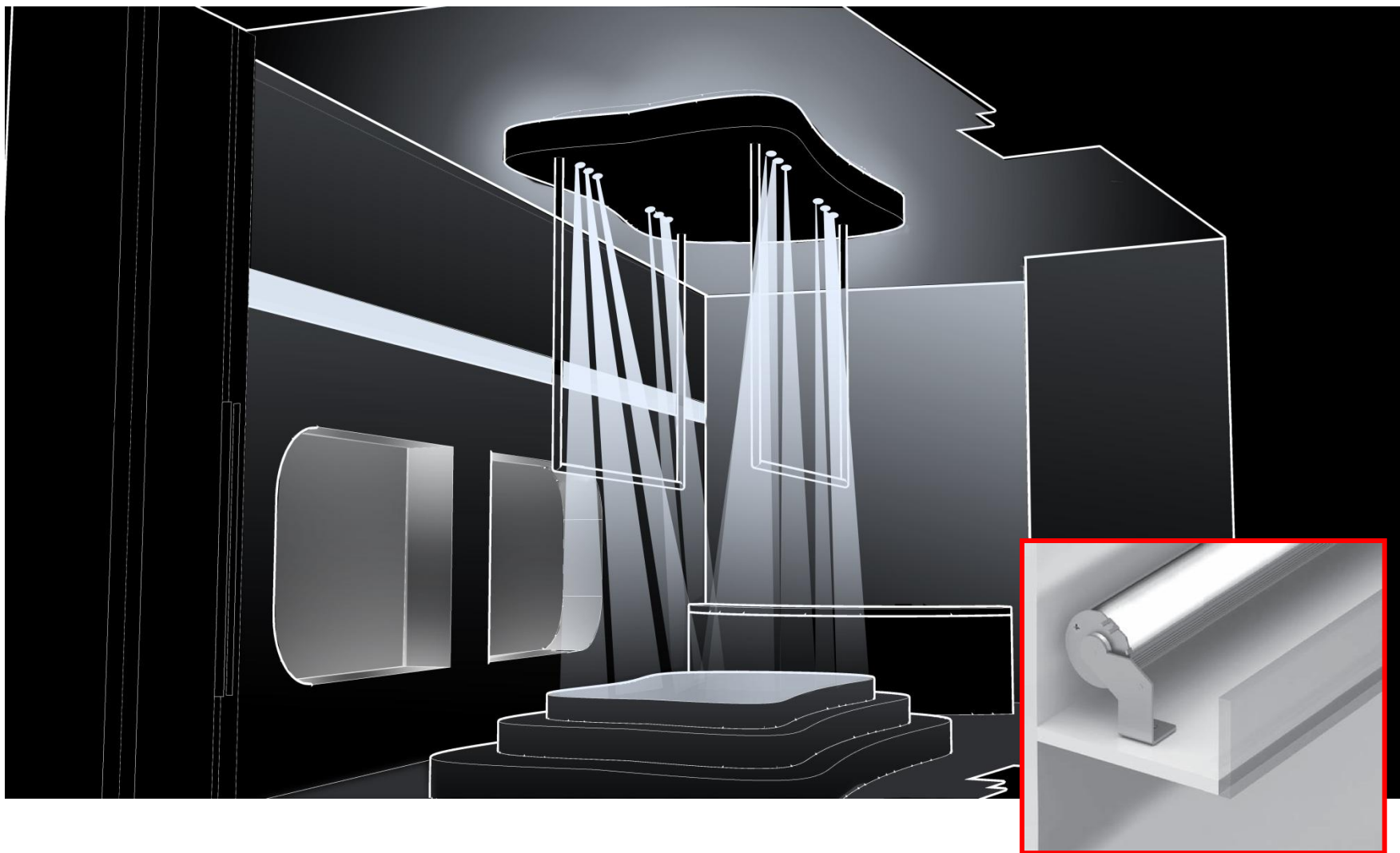




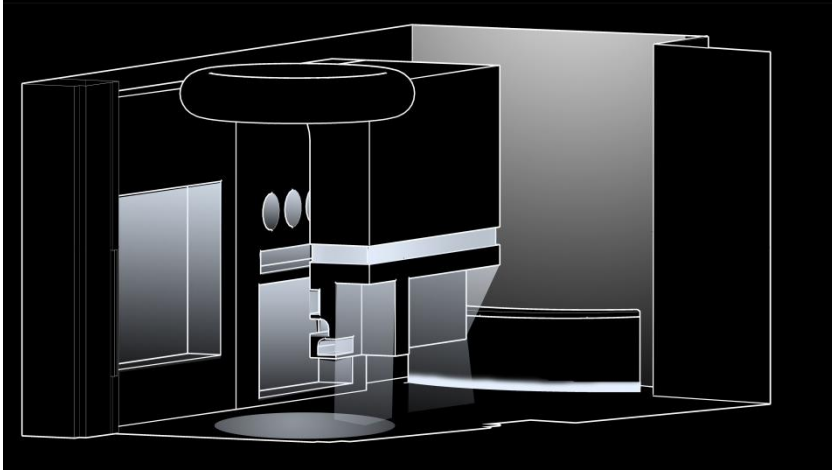




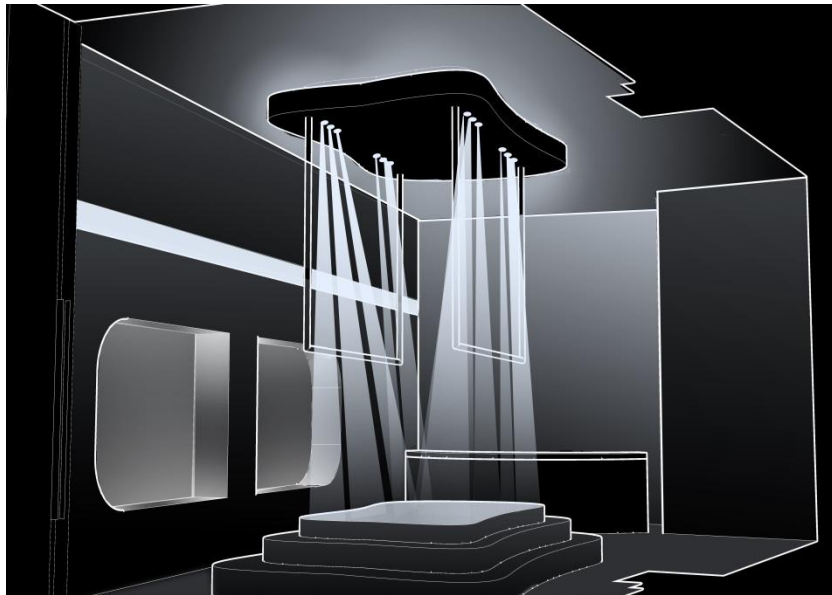




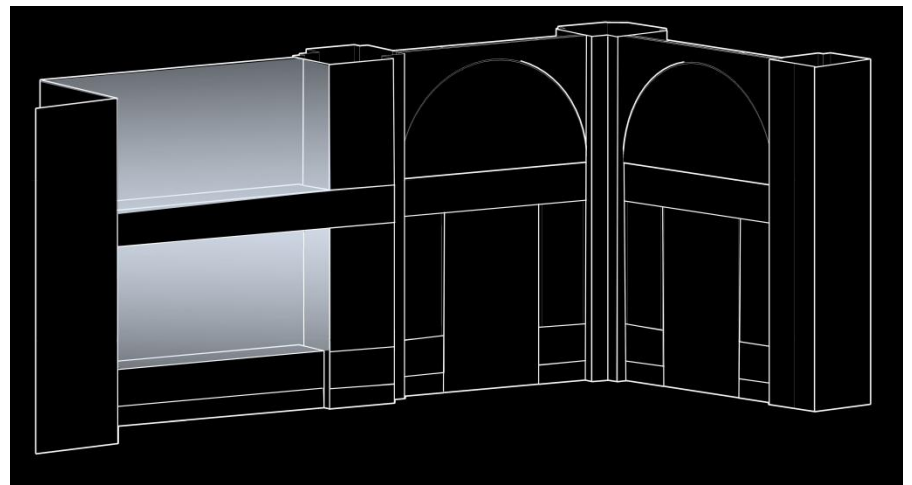
Retail Space 1



Retail Space 2



Retail Space 3



Retail (1,2,3) Entrance

# Lobby Lighting

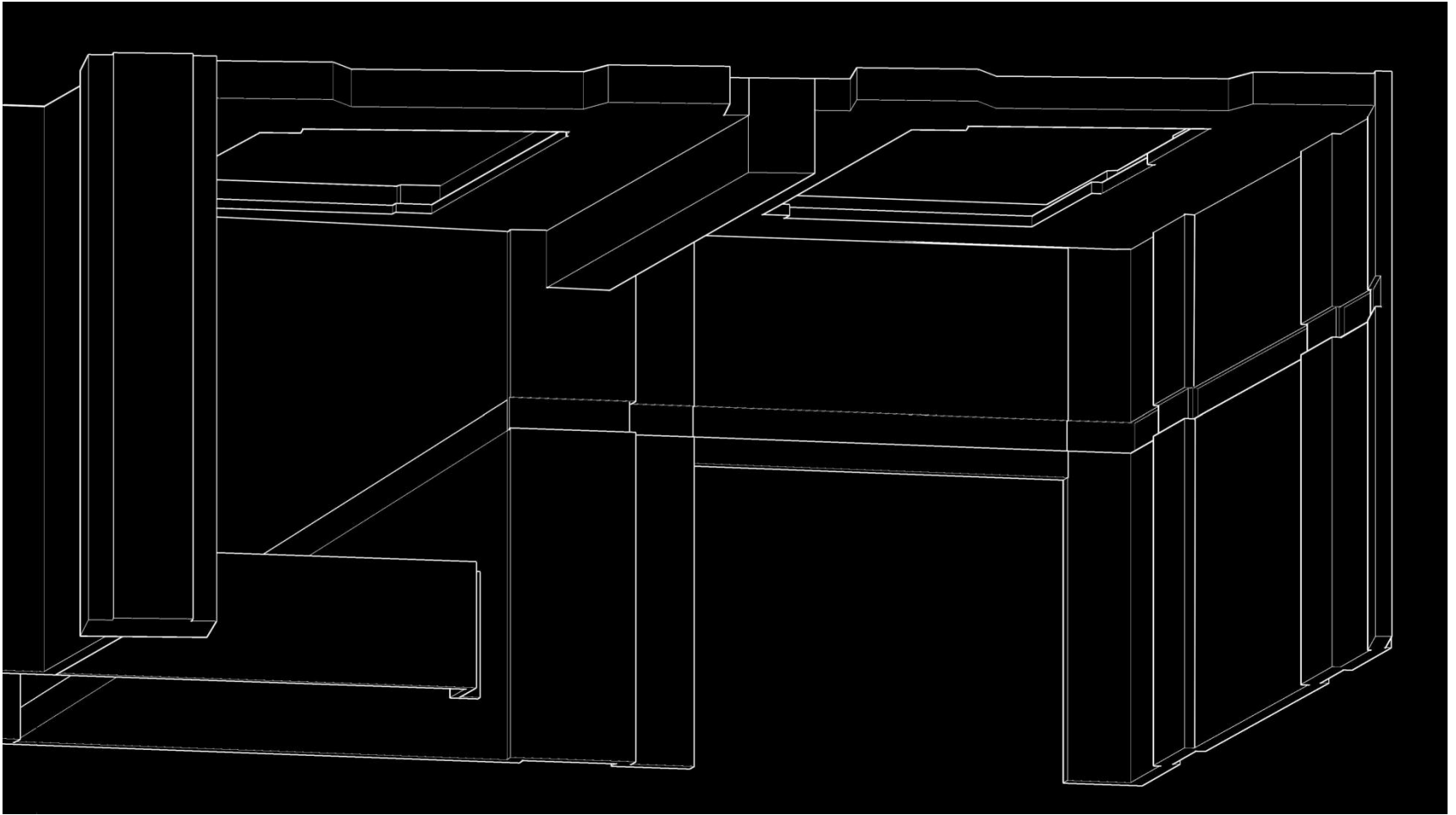
## Physiological Impression- Visual Clarity

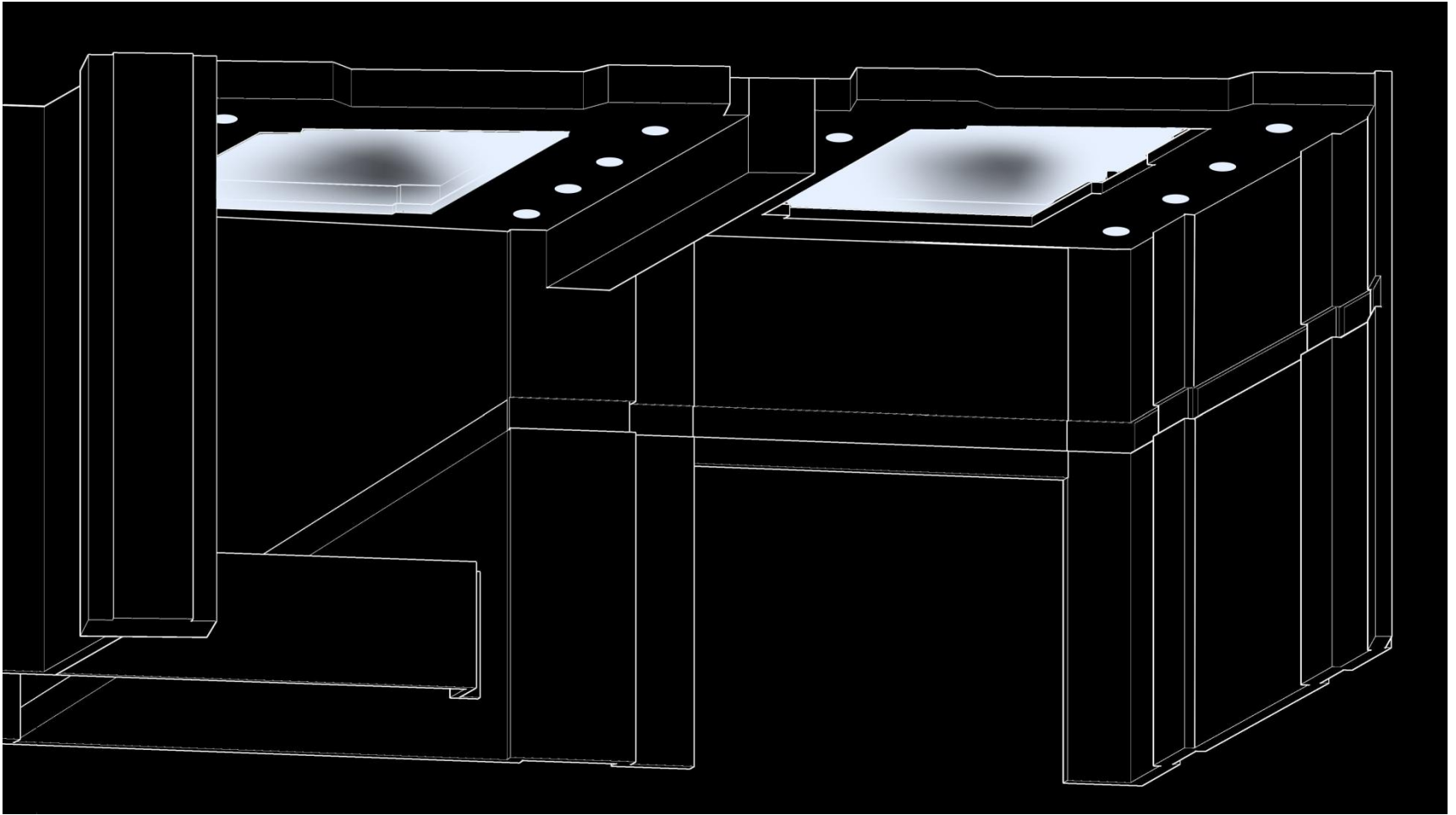
### Design Criteria

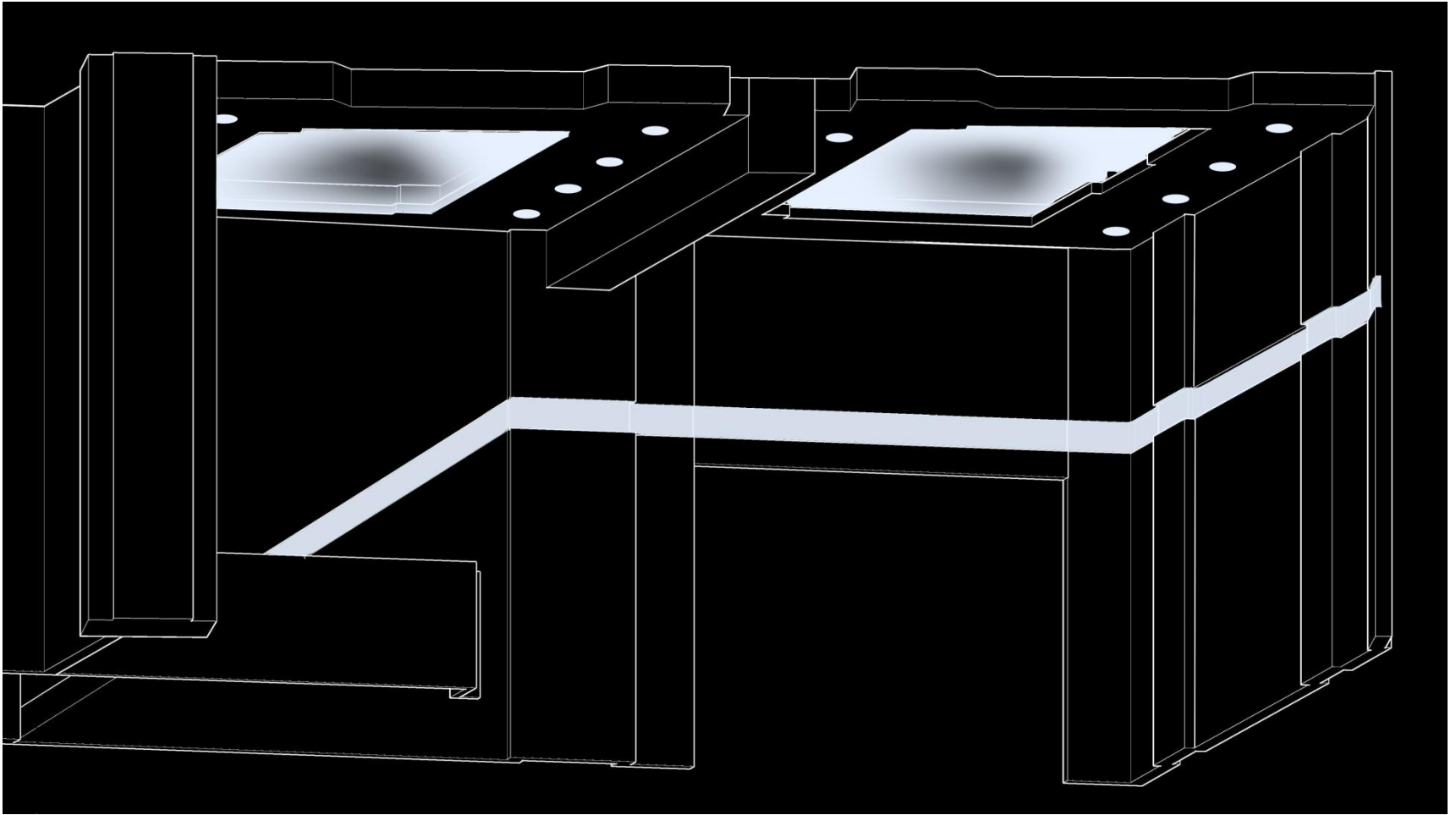
- **Welcoming**- Inviting interior to draw one in
- **Connection**- Linking Corbin Building & Fulton Street Transit Center
- **Guiding**- Lead to a destination
- **Safety**- Illuminated area

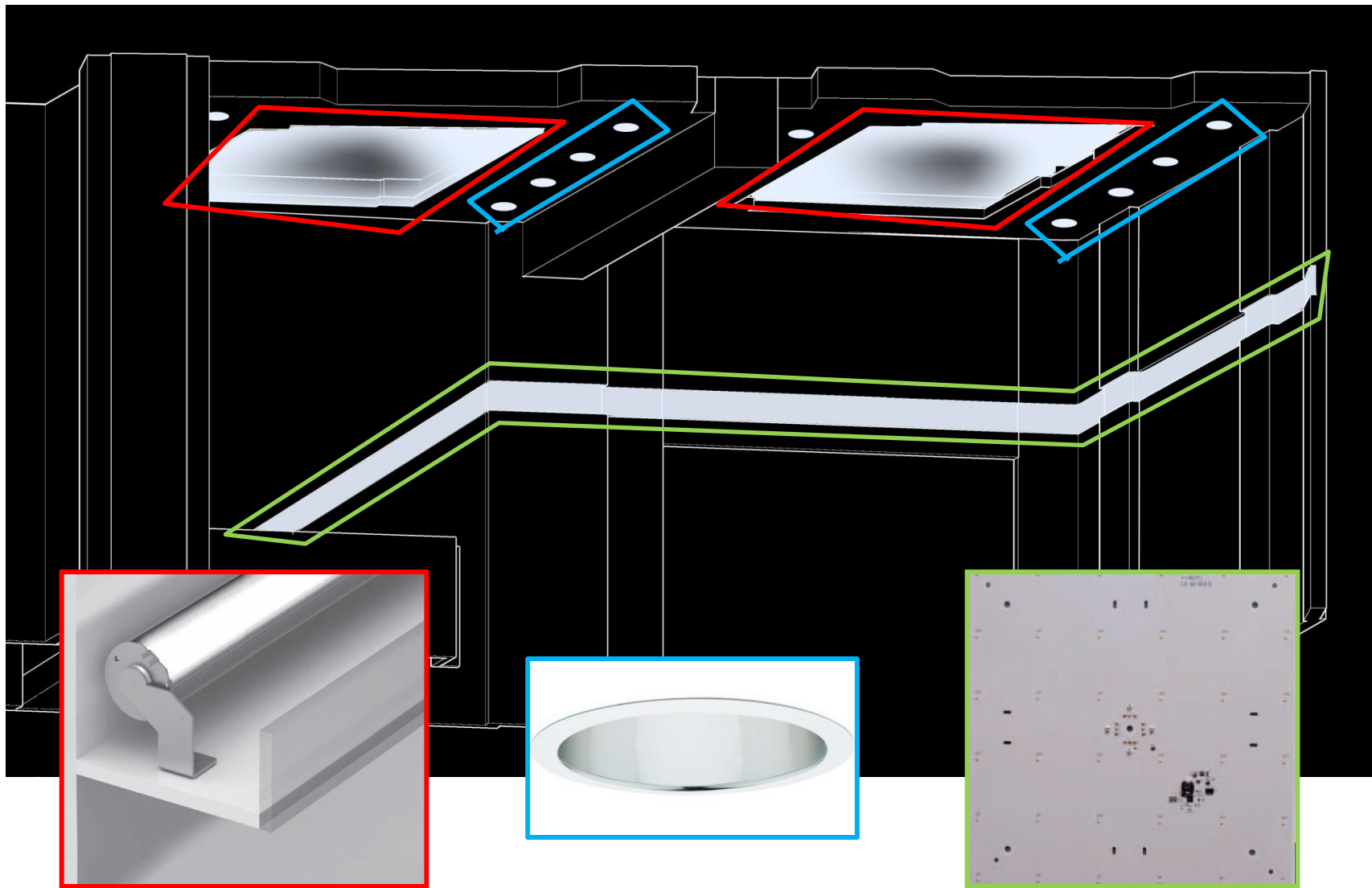


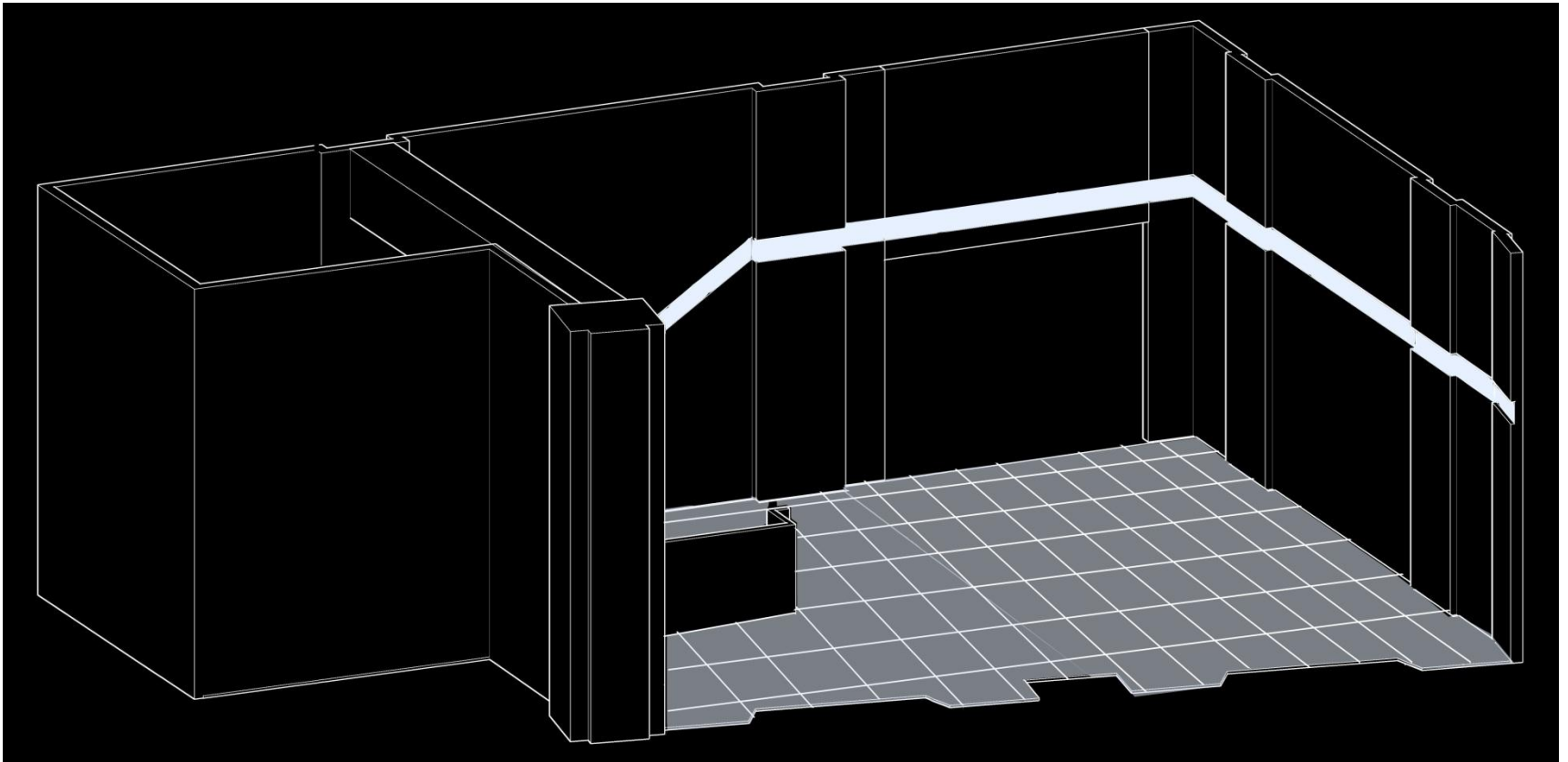


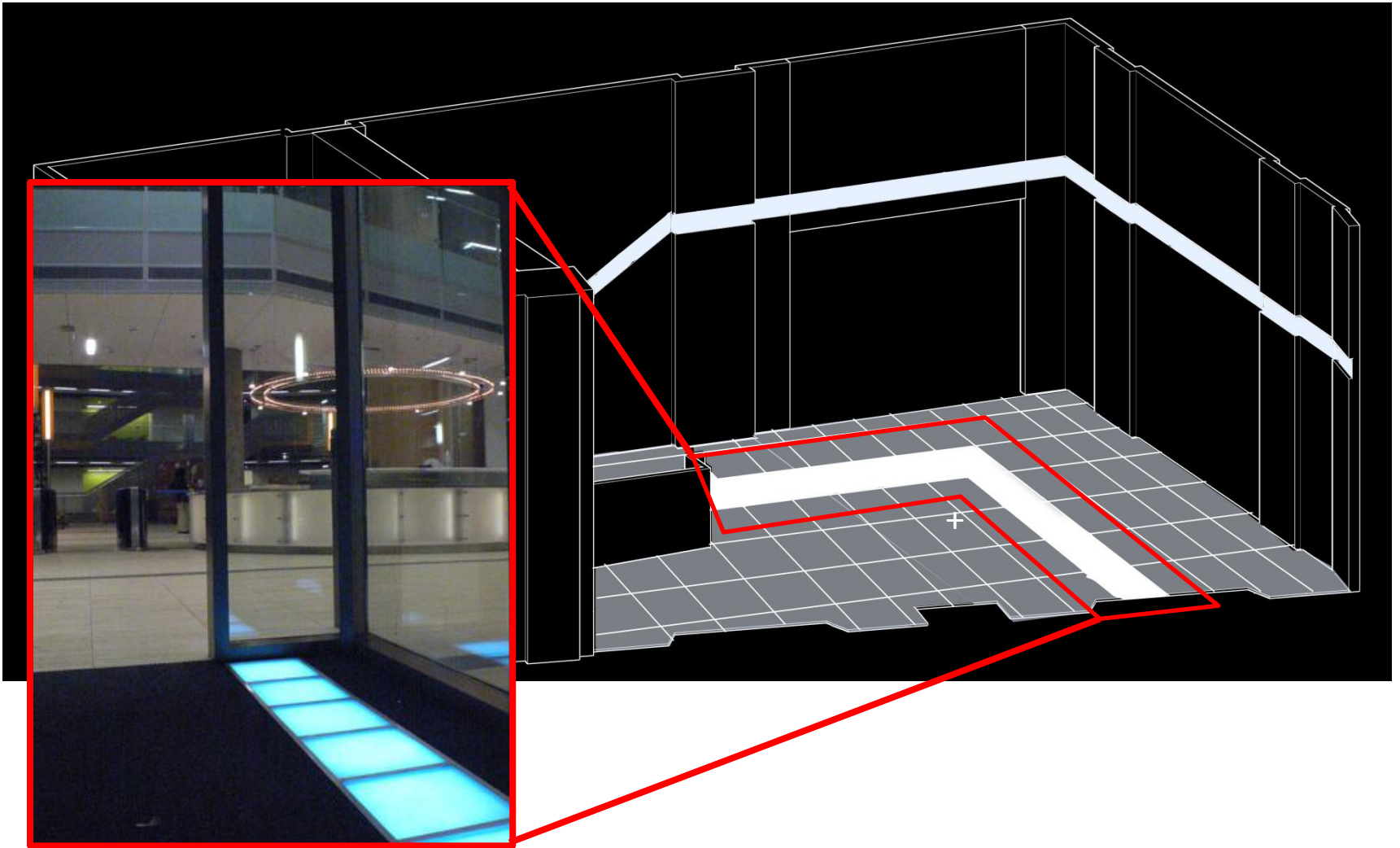












# Open Office Lighting

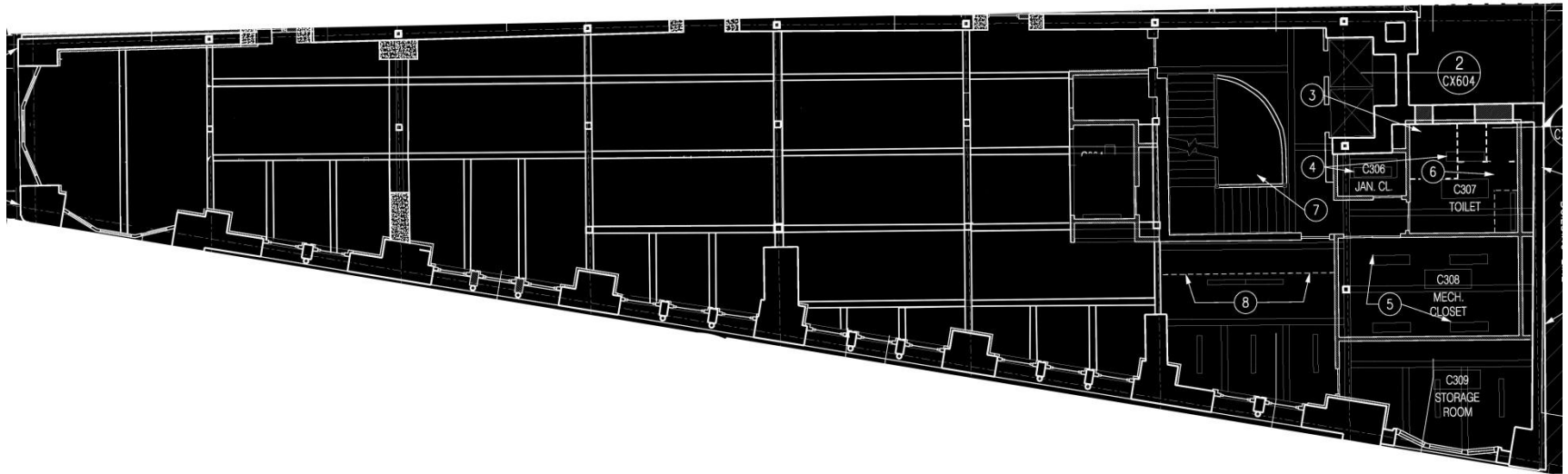
## Design Criteria

- **Architecture**- appearance of interior
- **Flexibility**- Control one's workstation
- **Visual Comfort**- work plane uniformity & minimal glare



# Open Office Lighting

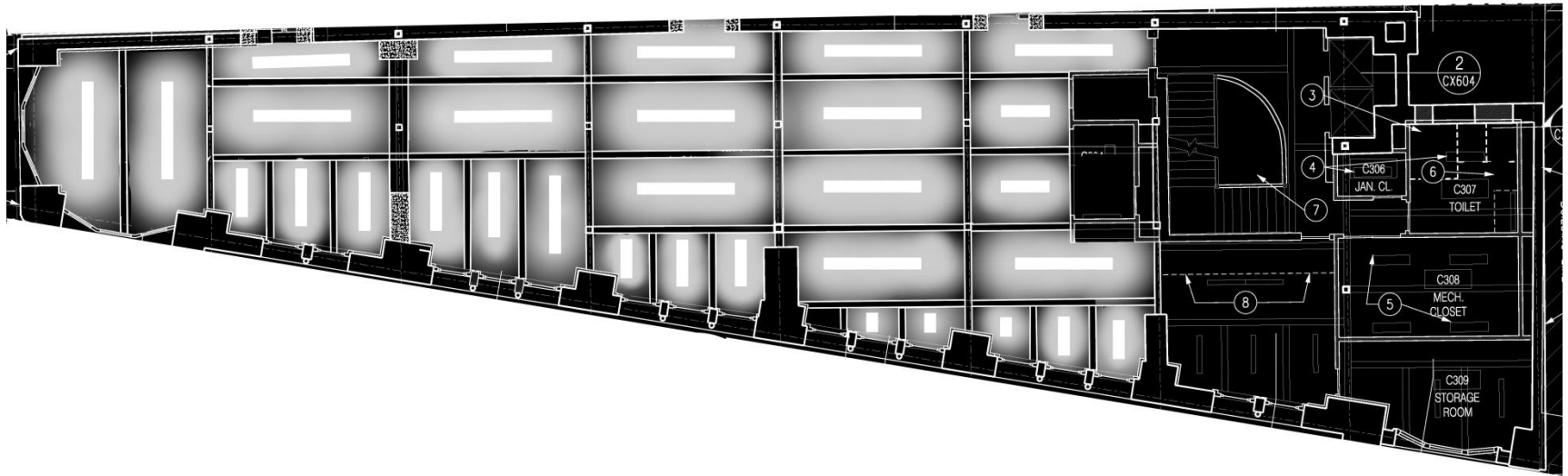
## 3<sup>rd</sup> floor Open Office





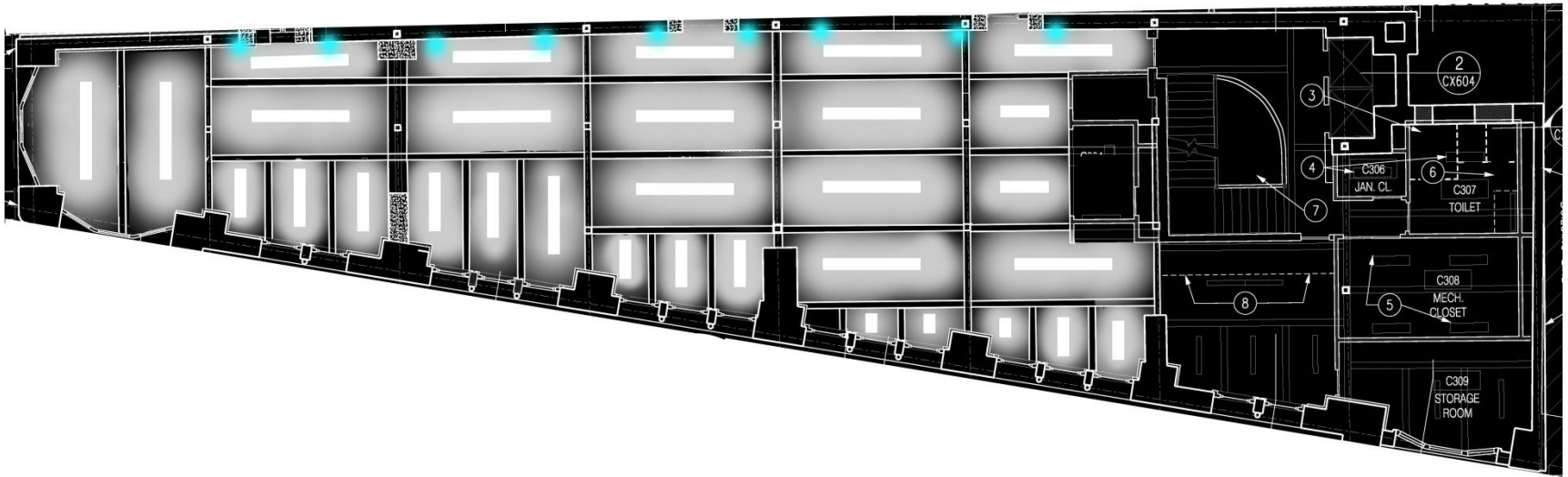
# Open Office Lighting

## 3<sup>rd</sup> floor Open Office



# Open Office Lighting

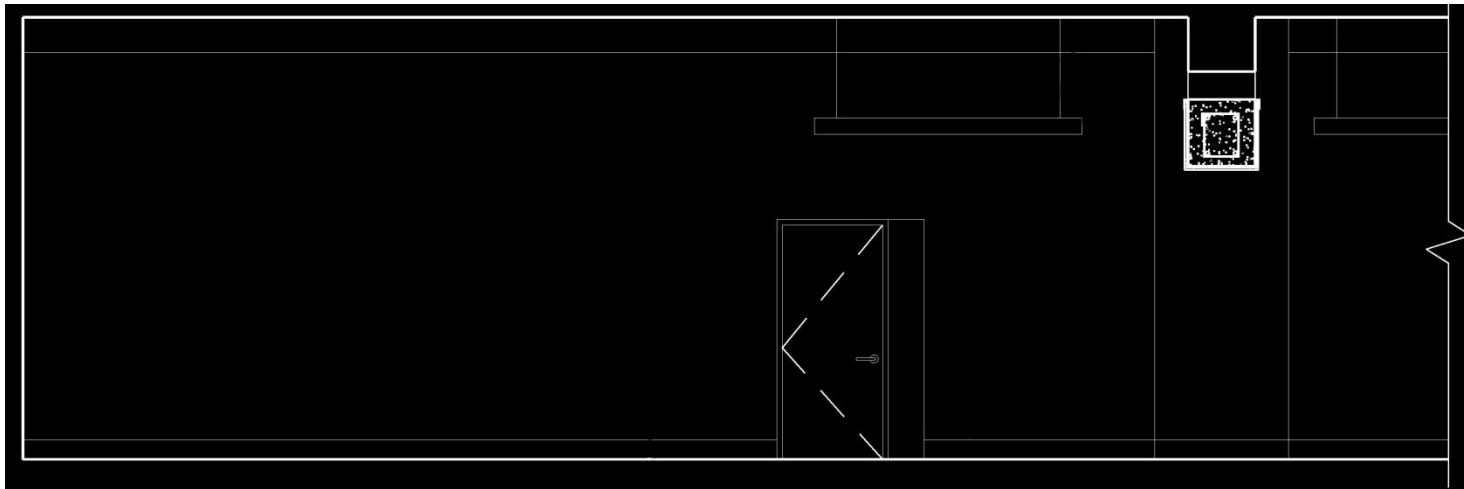
## 3<sup>rd</sup> floor Open Office



# Open Office Lighting



South Wall

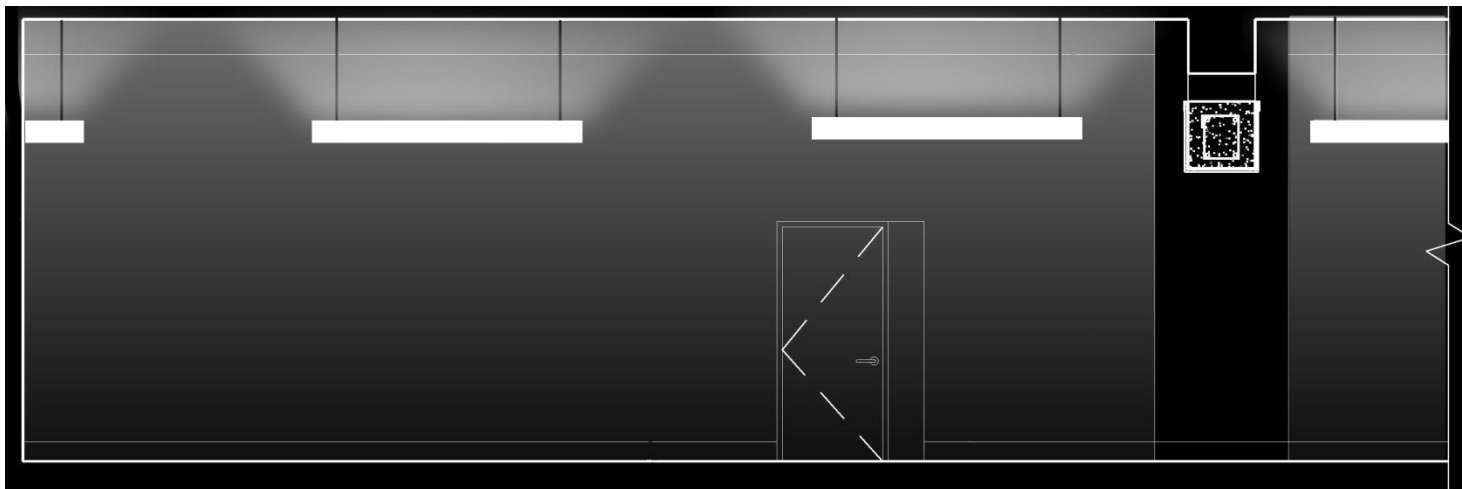


North Wall

# Open Office Lighting



South Wall

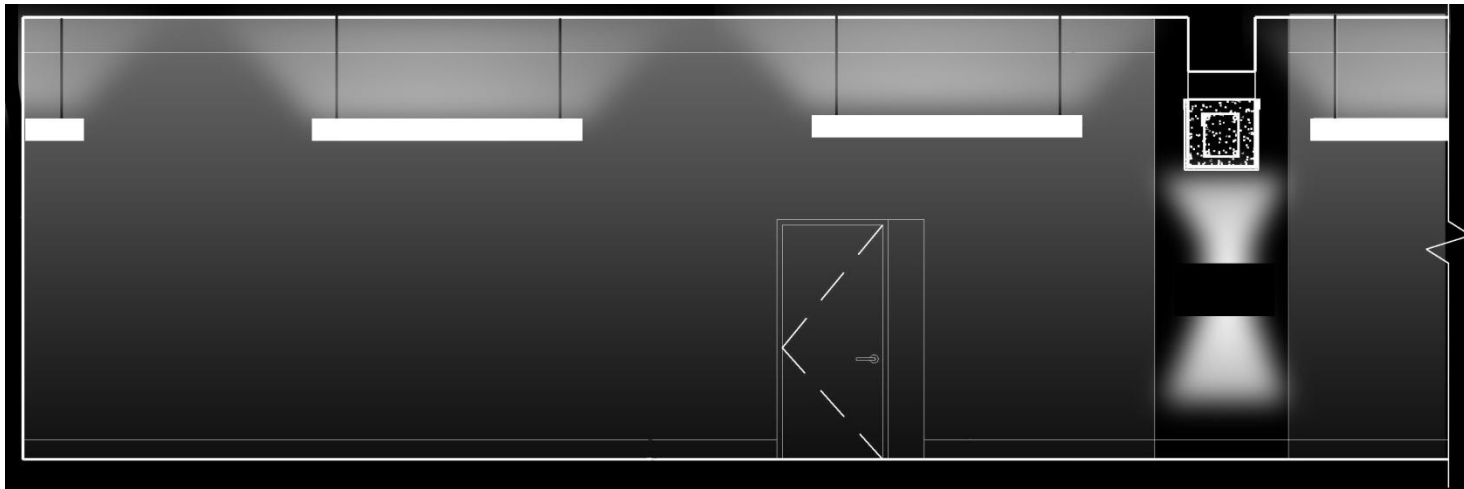


North Wall

# Open Office Lighting



South Wall



North Wall



**Thank You.**

**Schematic Lighting Design**

**Matthew Trethaway | Lighting/ Electrical | Advisor: Dr. Houser**