

# CHANDLER CITY HALL

CHANDLER, ARIZONA

## SCHEMATIC LIGHTING DESIGN

STEPHANIE ROMANIAS

A landmark ... a new **urban edge** on the face of historic Chandler  
Intending to respect the past ... and ...acknowledge the future



# CHANDLER CITY HALL

CHANDLER, ARIZONA

## PROJECT OVERVIEW



INTRODUCTION

LOBBY

OPEN OFFICE

COUNCIL  
CHAMBERS

EXTERIOR FAÇADE

**BUILDING NAME**

CHANDLER CITY HALL

**LOCATION**

CHANDLER, ARIZONA

**SIZE**

137,692 SQ. FT.

**OCCUPANCY**

MIXED USE

**CONSTRUCTION**

APRIL 2009 – NOVEMBER 2010

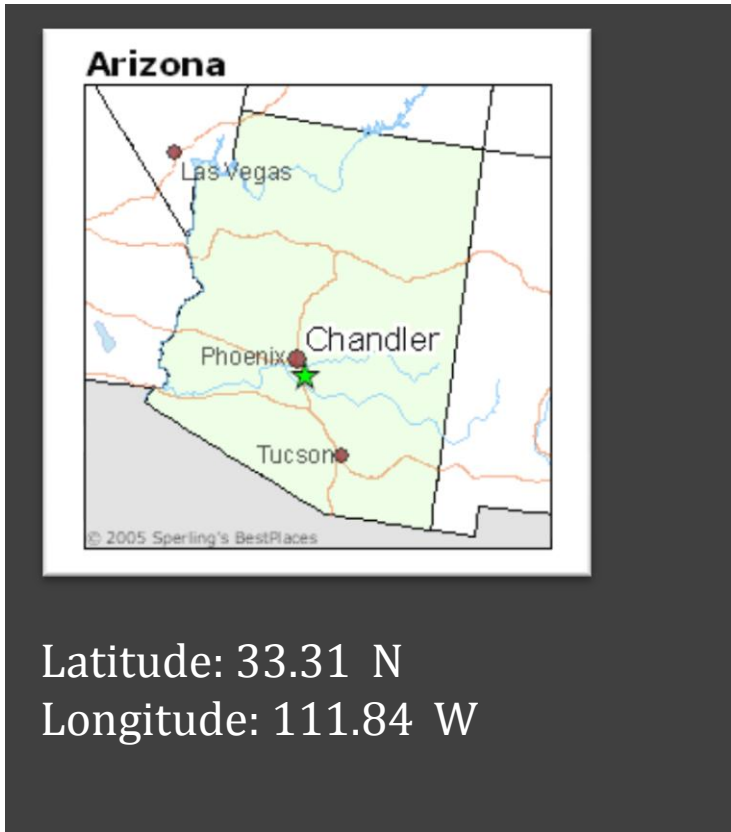
**PROJECT TEAM:** architecture + mep  
general contractor  
structural engineer  
civil engineer  
landscape architecture  
construction manager

SmithGroup  
Sundt Construction  
Caruso Turley Scott  
Dibble Engineering  
GBTwo Landscape Architecture  
Abacus Project Management

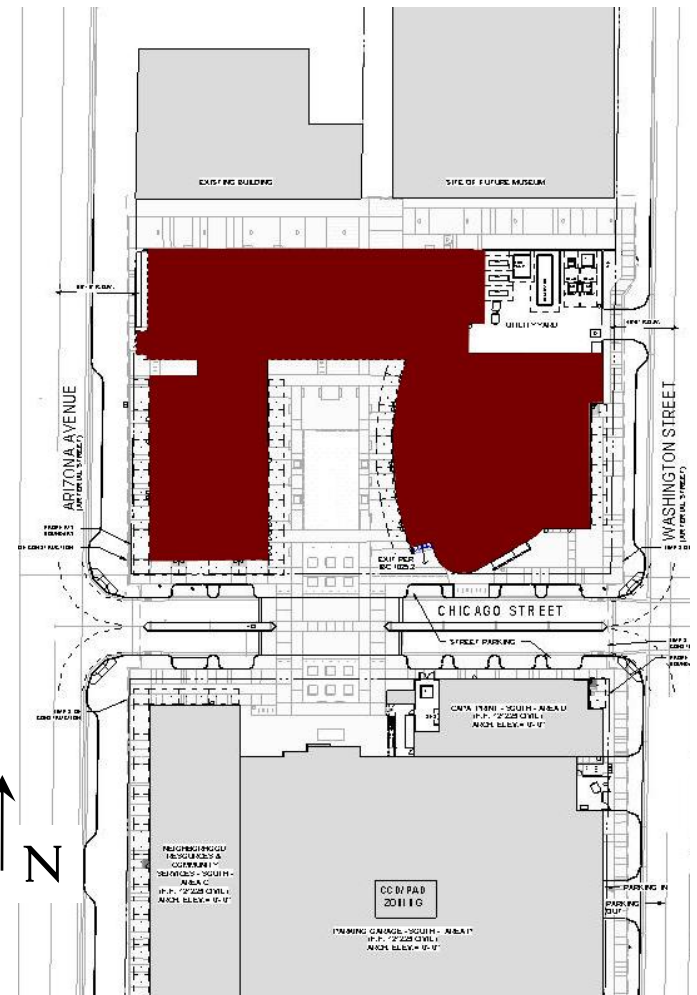
# CHANDLER CITY HALL

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## PROJECT LOCATION



Latitude: 33.31 N  
Longitude: 111.84 W



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### CITY CLERK

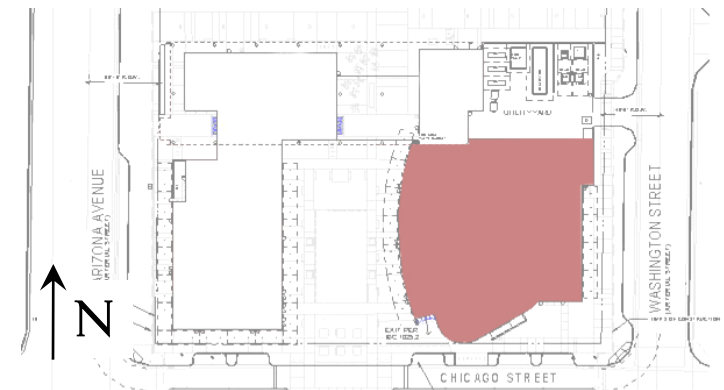
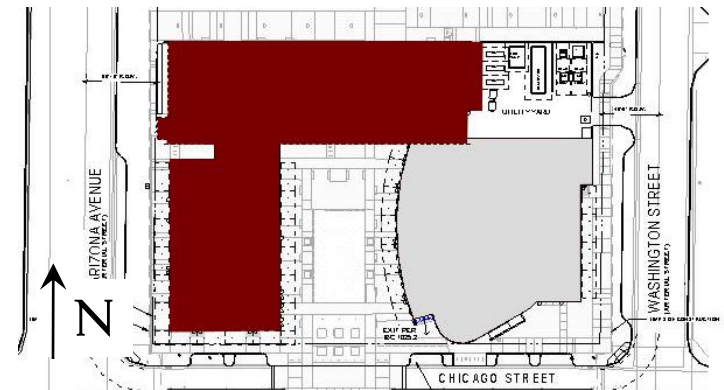
Business | Assembly | Mercantile

Lobby  
Offices  
Café + Catering  
Vision Gallery

### COUNCIL CHAMBERS

Assembly | Business

Council Chamber Auditorium  
Conference + Office Spaces  
Catering



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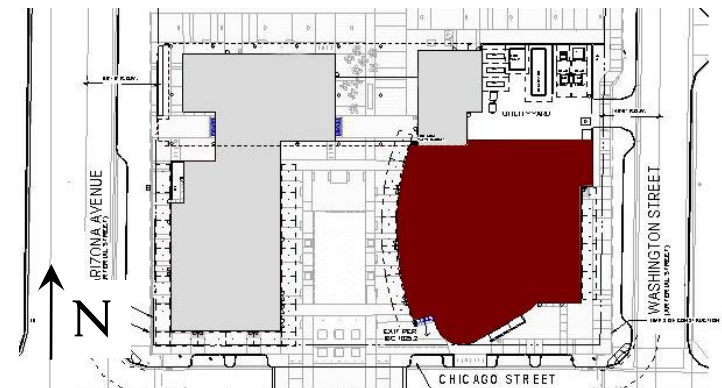
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# CHANDLER CITY HALL

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## PROJECT CONCEPT

A landmark ... a new **urban edge** on the face of historic Chandler  
Intending to **respect the past** ... and ...**acknowledge the future**

*A connection, tying the civic,  
commercial, and historic  
centers together through  
in iconic structure*



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#### AREAS OF INTEREST

Main Lobby: A Circulation Space

LOBBY

Open Office (3<sup>rd</sup> Floor): A Large Work Space

Council Chambers: A Special Purpose Space

Psychological Impressions: Public and Private

Exterior Façade: An Outdoor Space

3 Schematic Design Concepts

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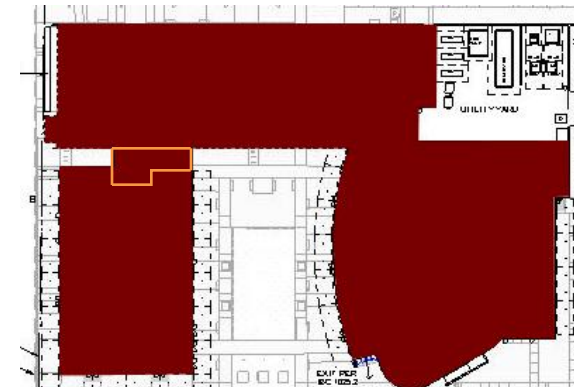
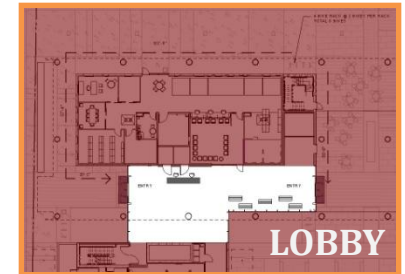
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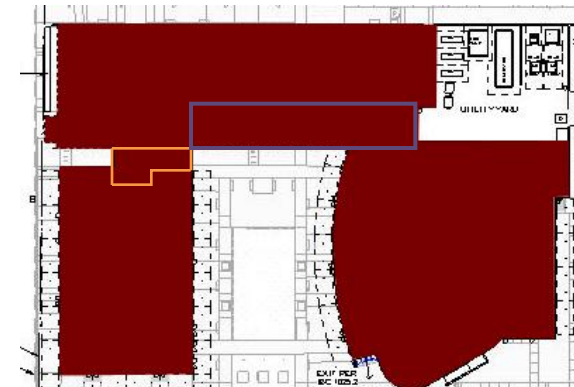
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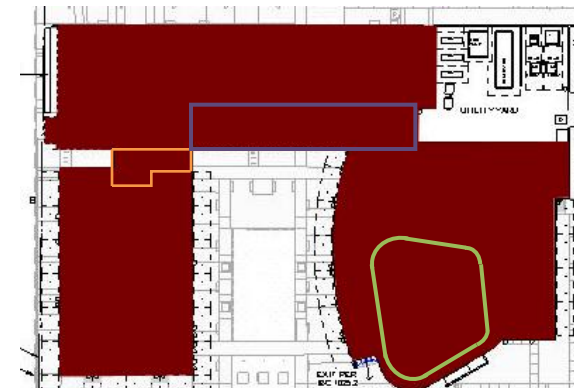
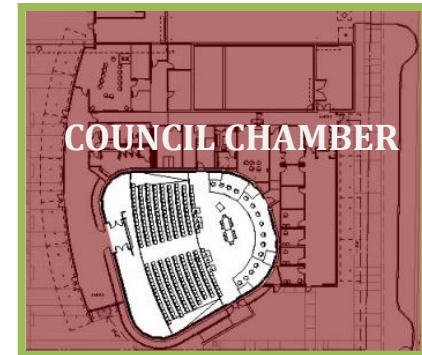
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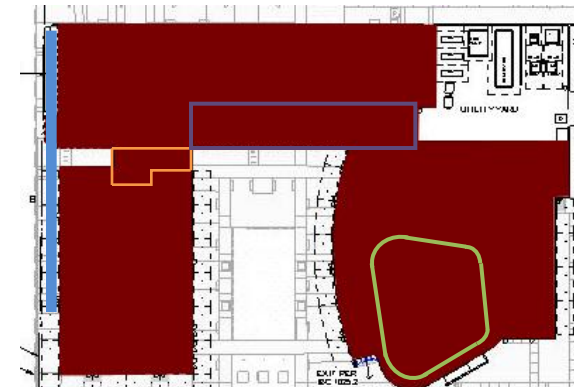
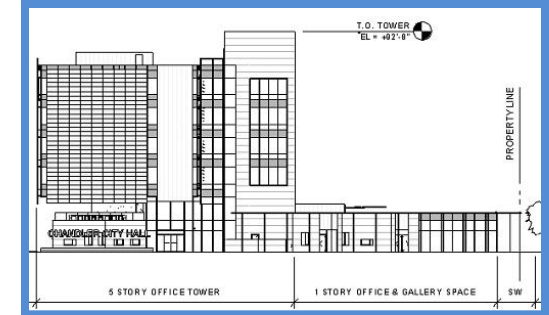
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## LIGHTING CONCEPTS

### Schematic Design

Movement | History | Technology | Preservation | Continuation

Heading toward the future without covering up the past



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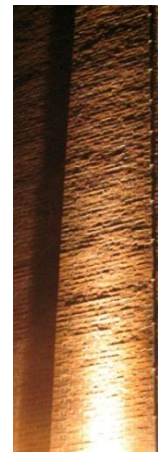
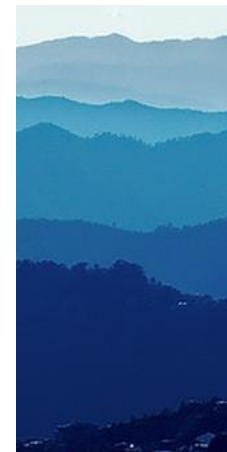
Schematic Design

Hierarchy | Materiality | Reflection | Connection

Creating the essence of ...

# Timelessness

Reinstating the past and expressing the technology of the future



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#### DESIGN CRITERIA

welcoming | appearance of interior to draw one in  
connection | link past & present  
materiality | emphasize stone & wood ; glass & steel  
guiding | leading to a particular destination  
comfort | minimal glare & view of fixtures

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Layering of Light



Timeless Essence

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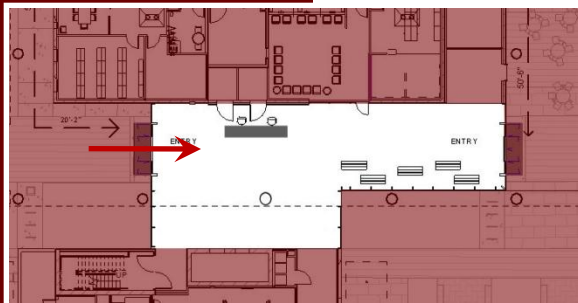
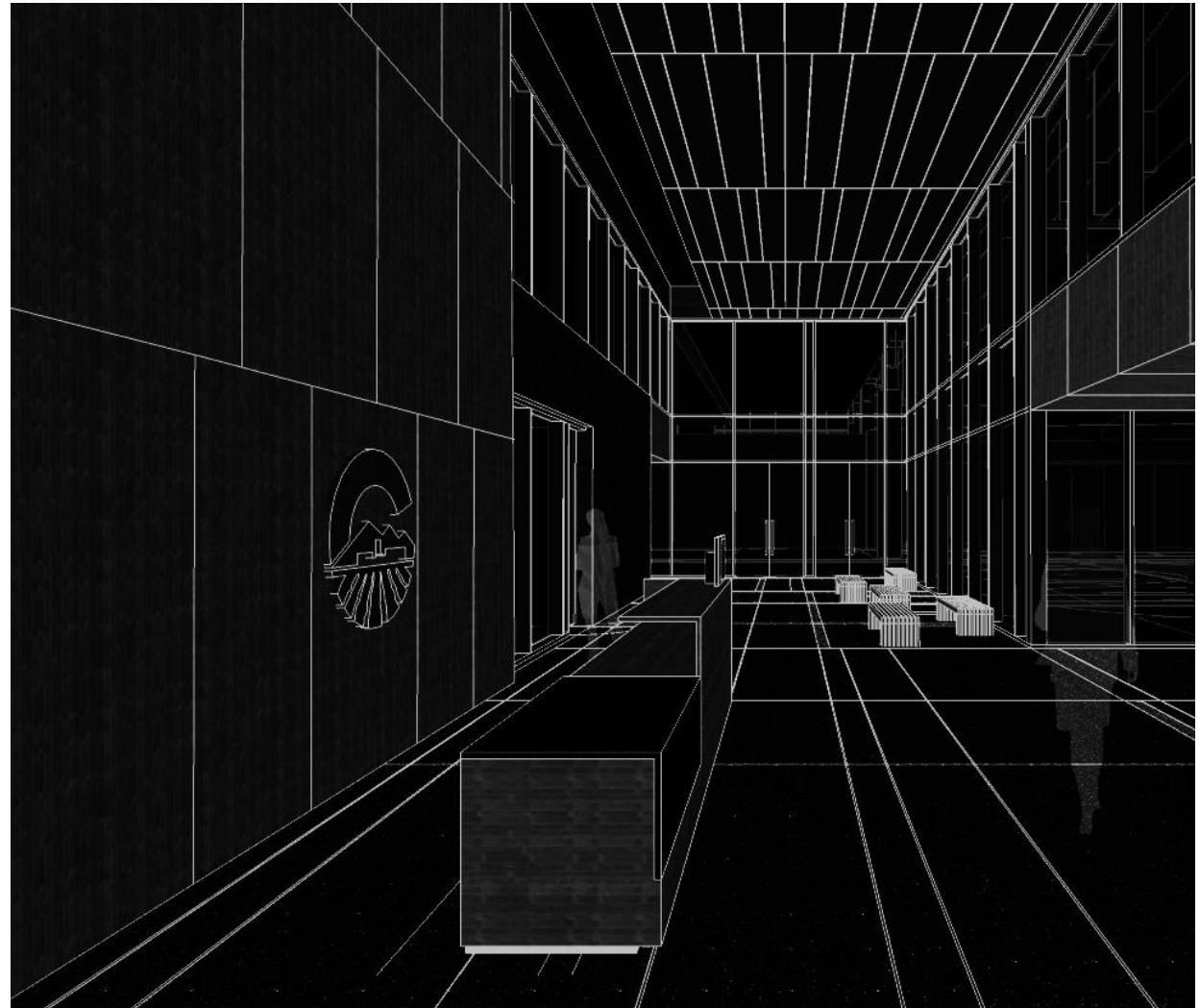
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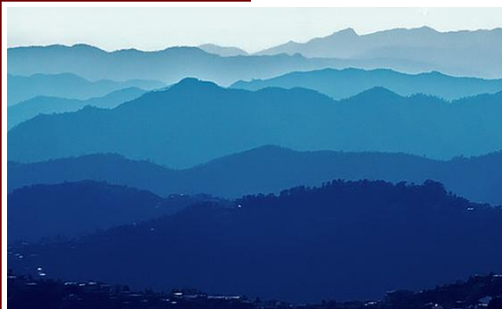
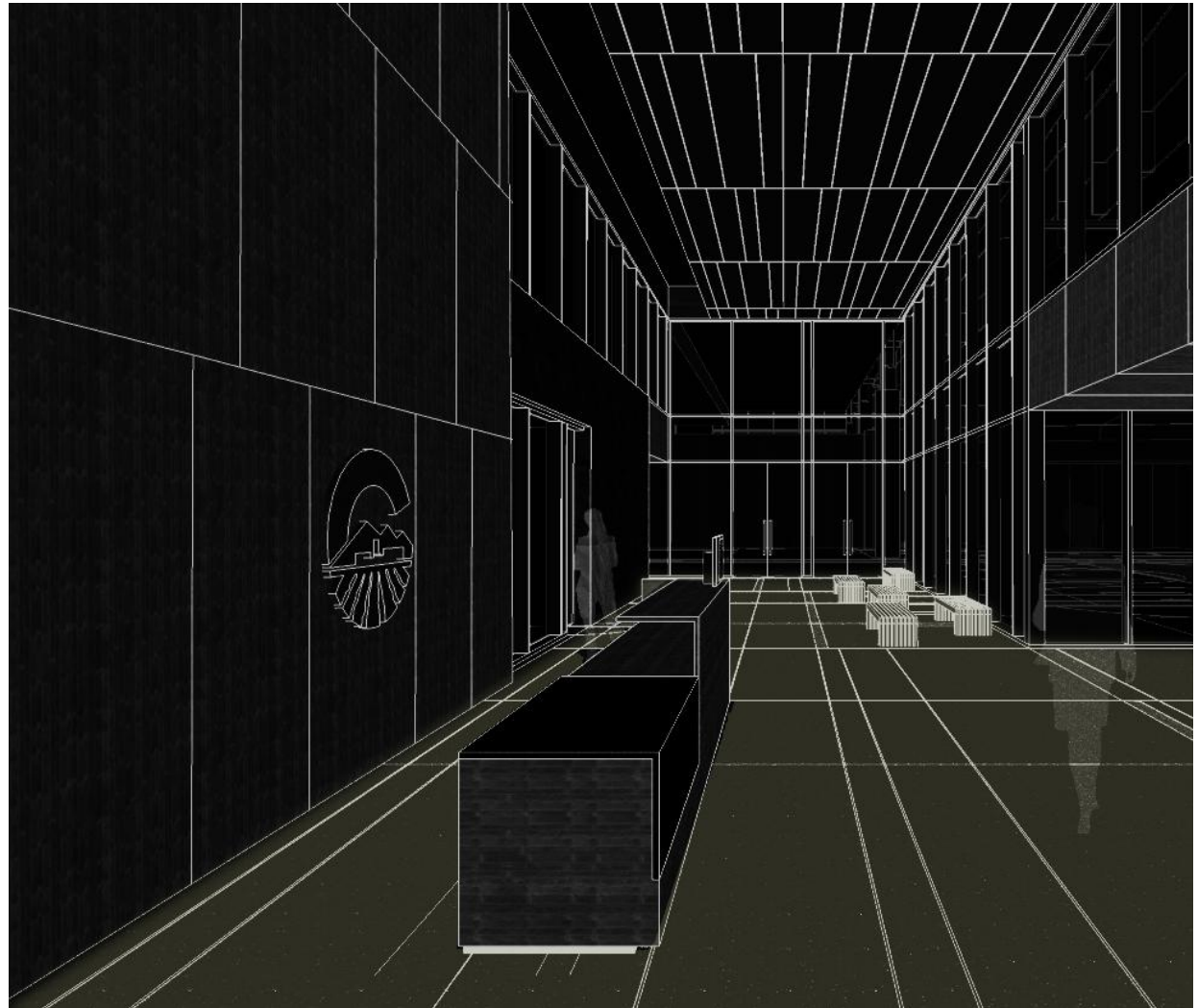
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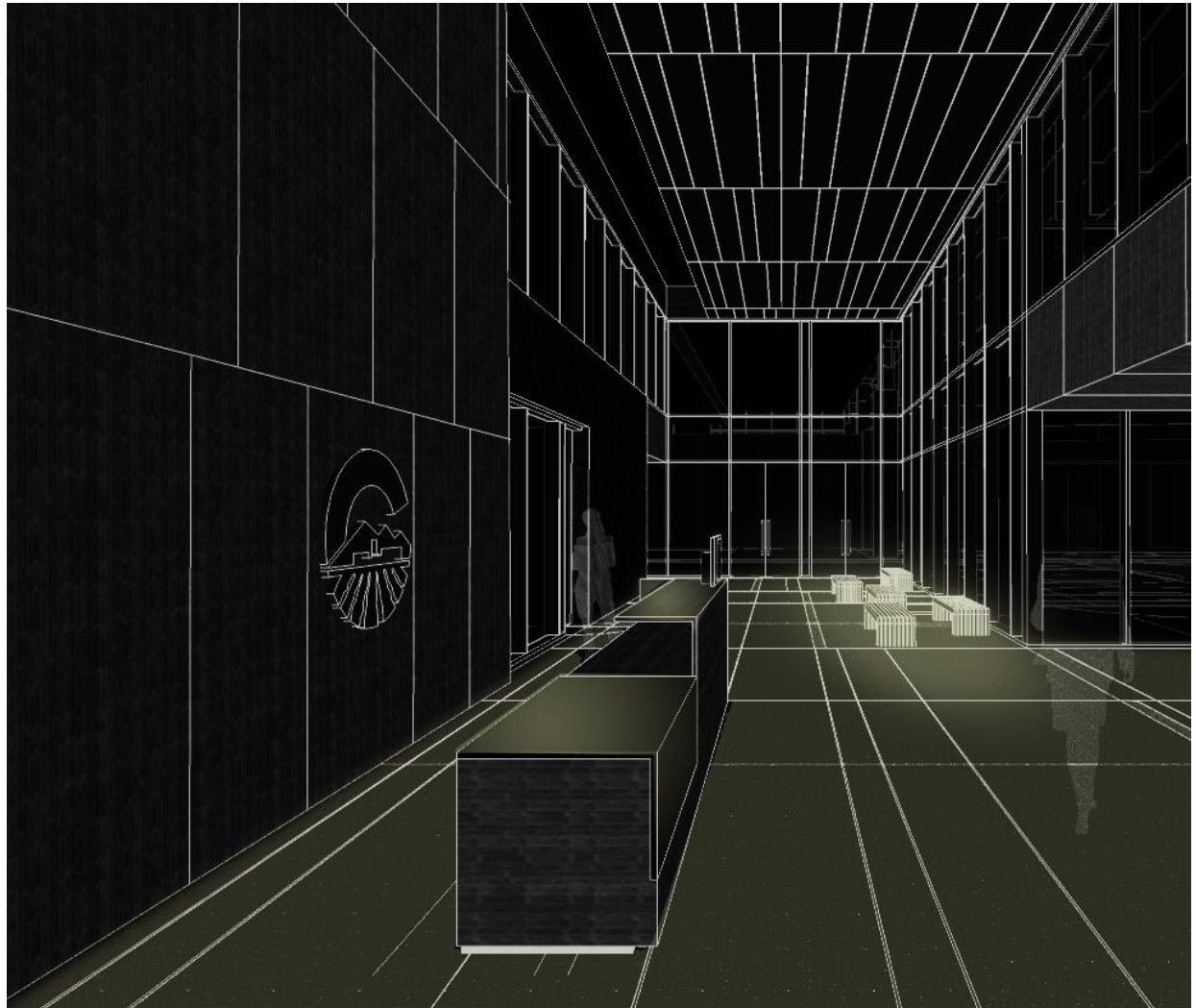
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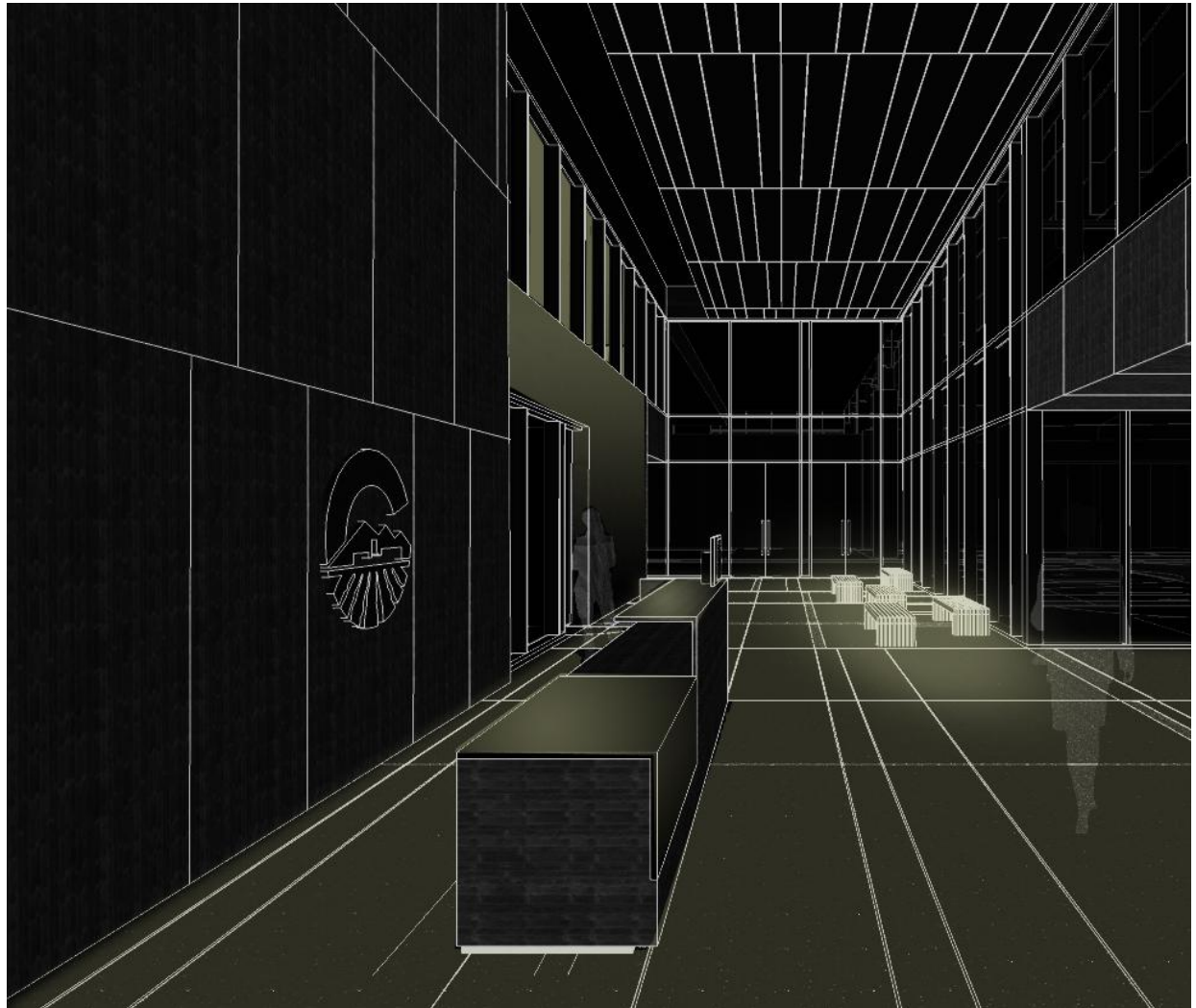
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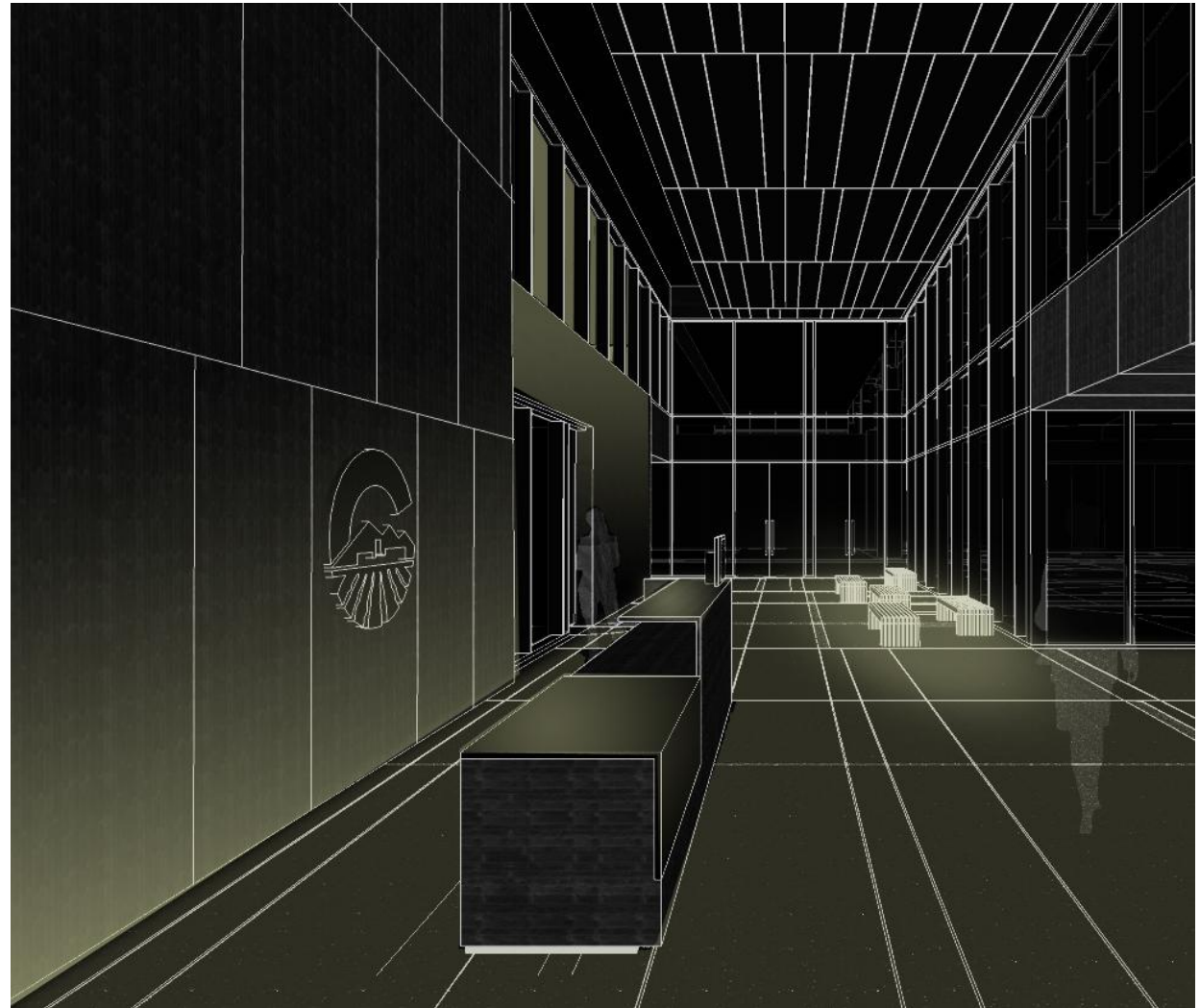
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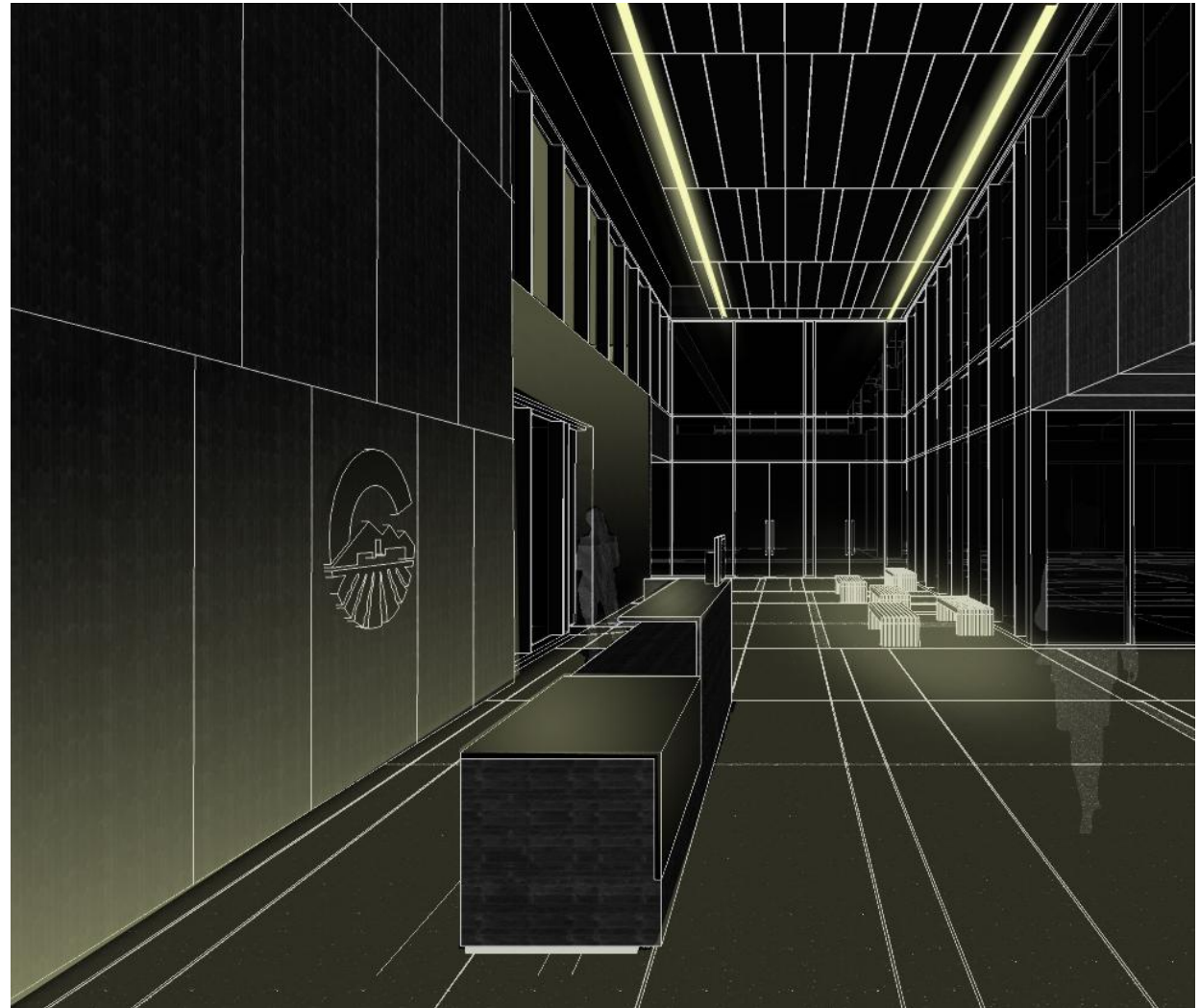
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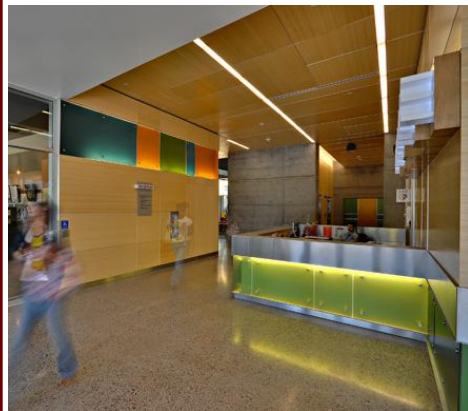
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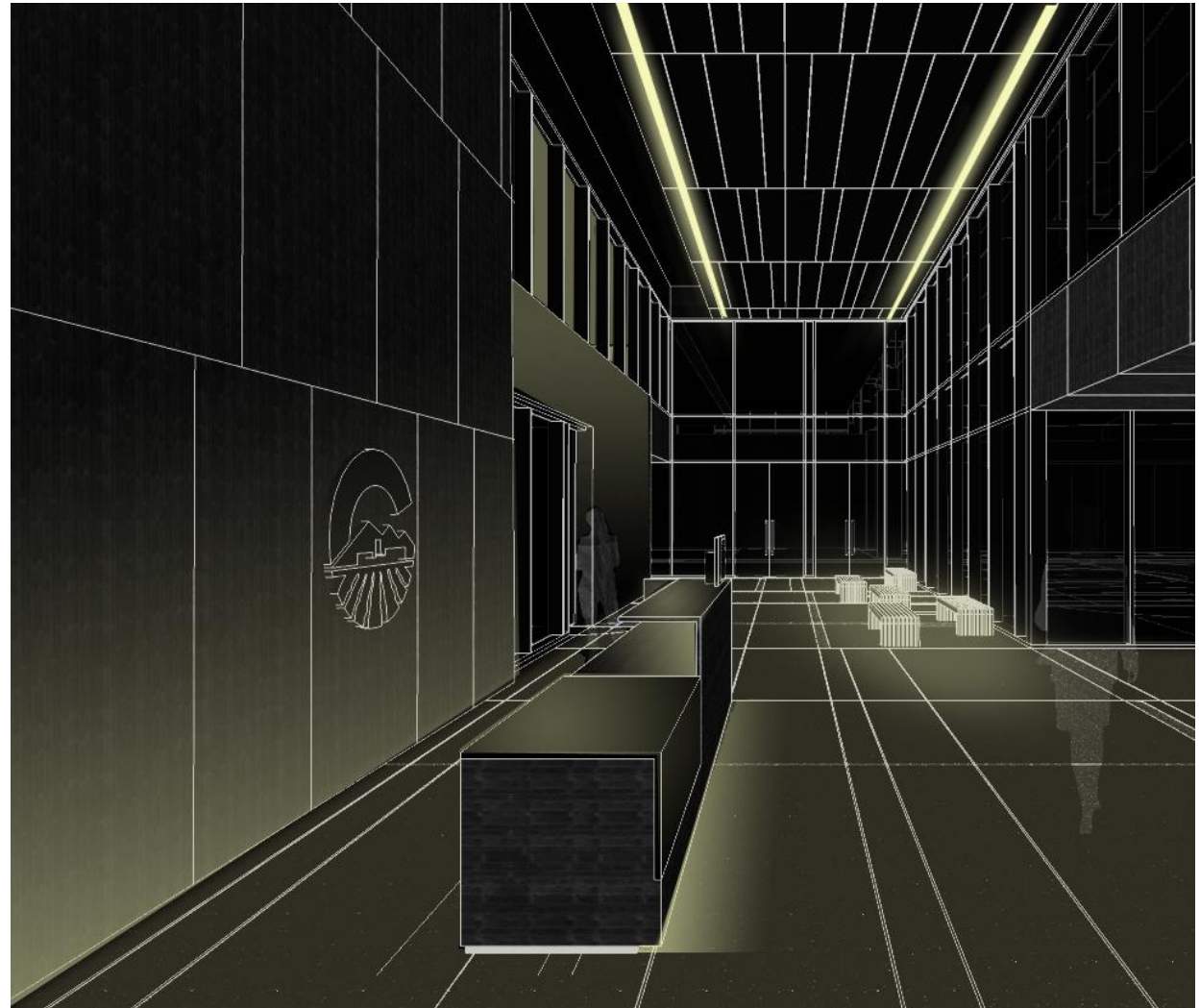
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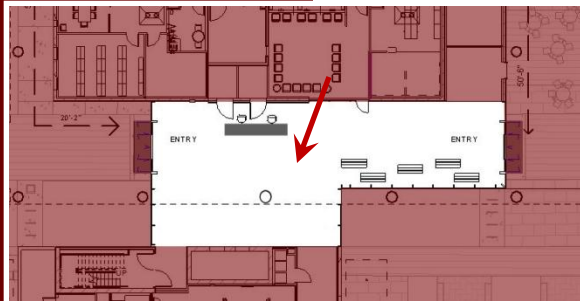
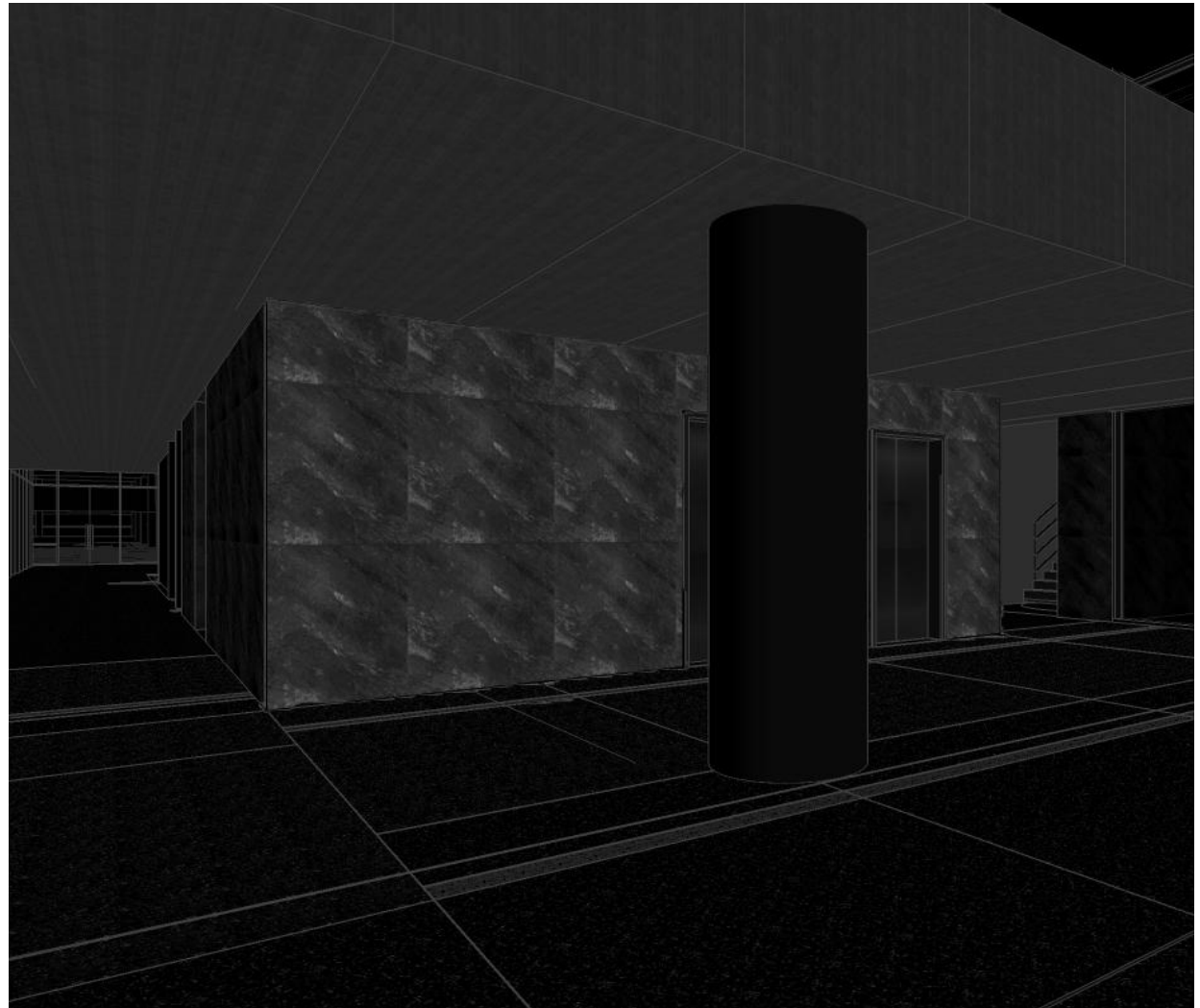
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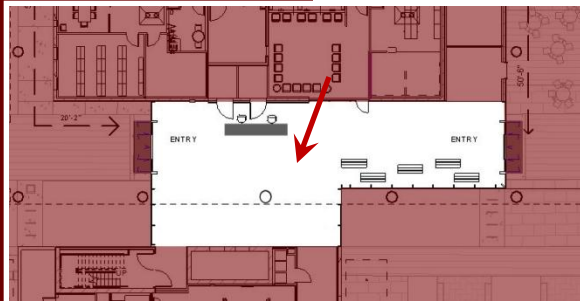
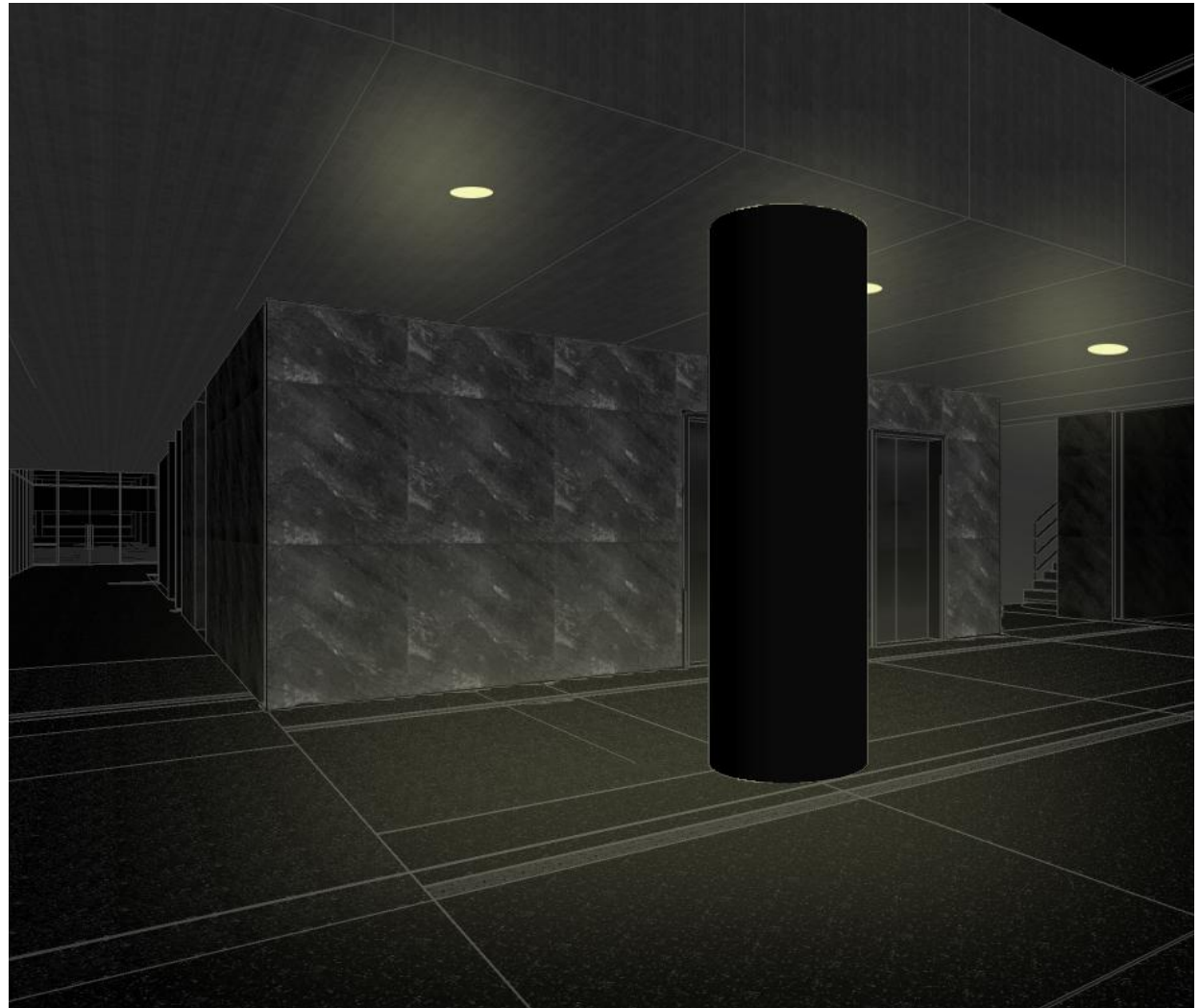
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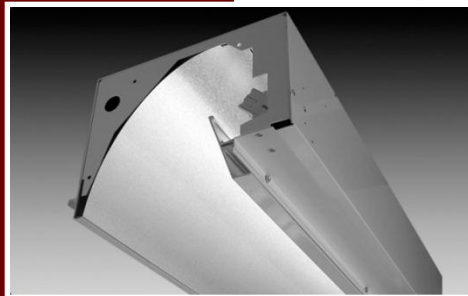
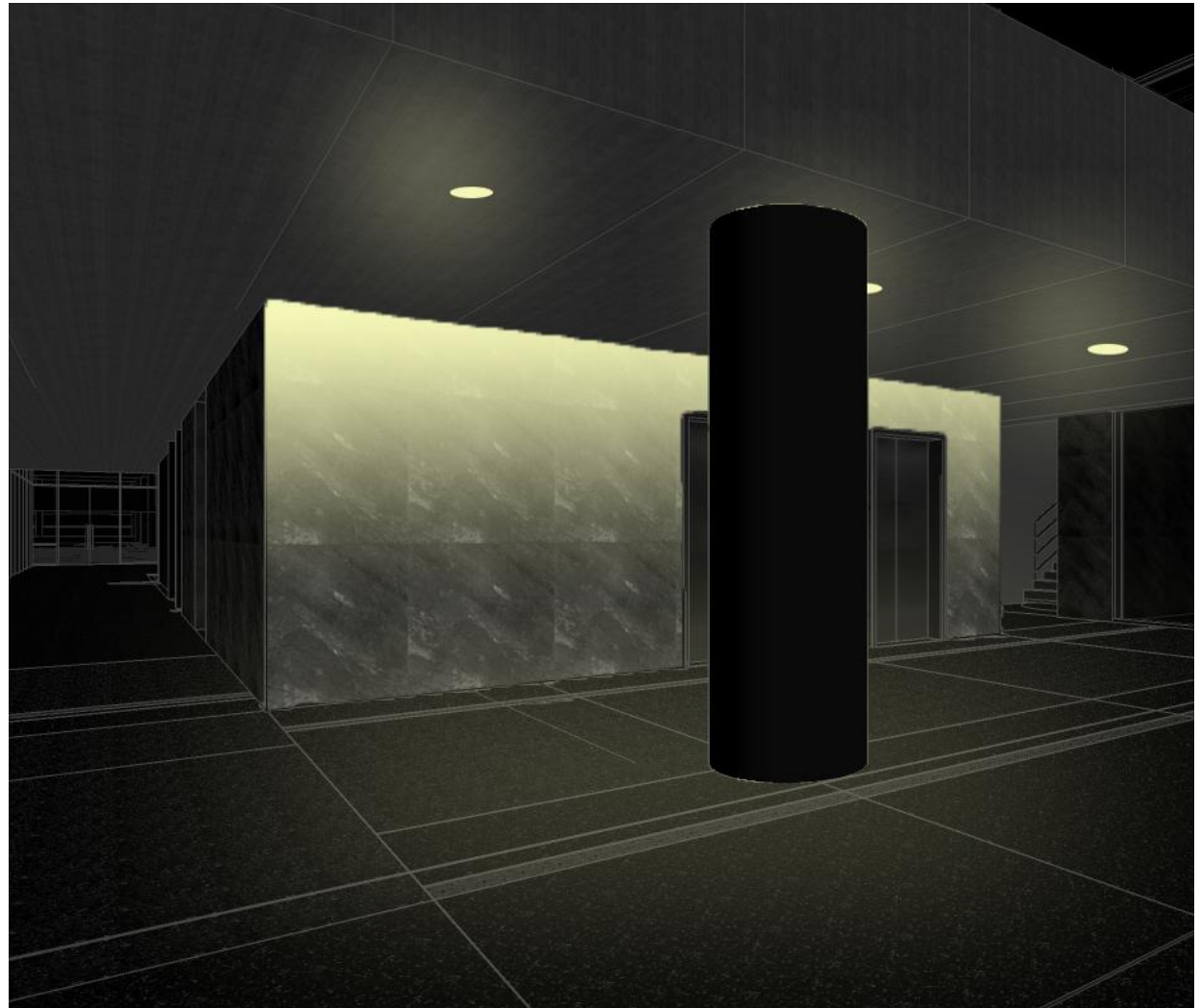
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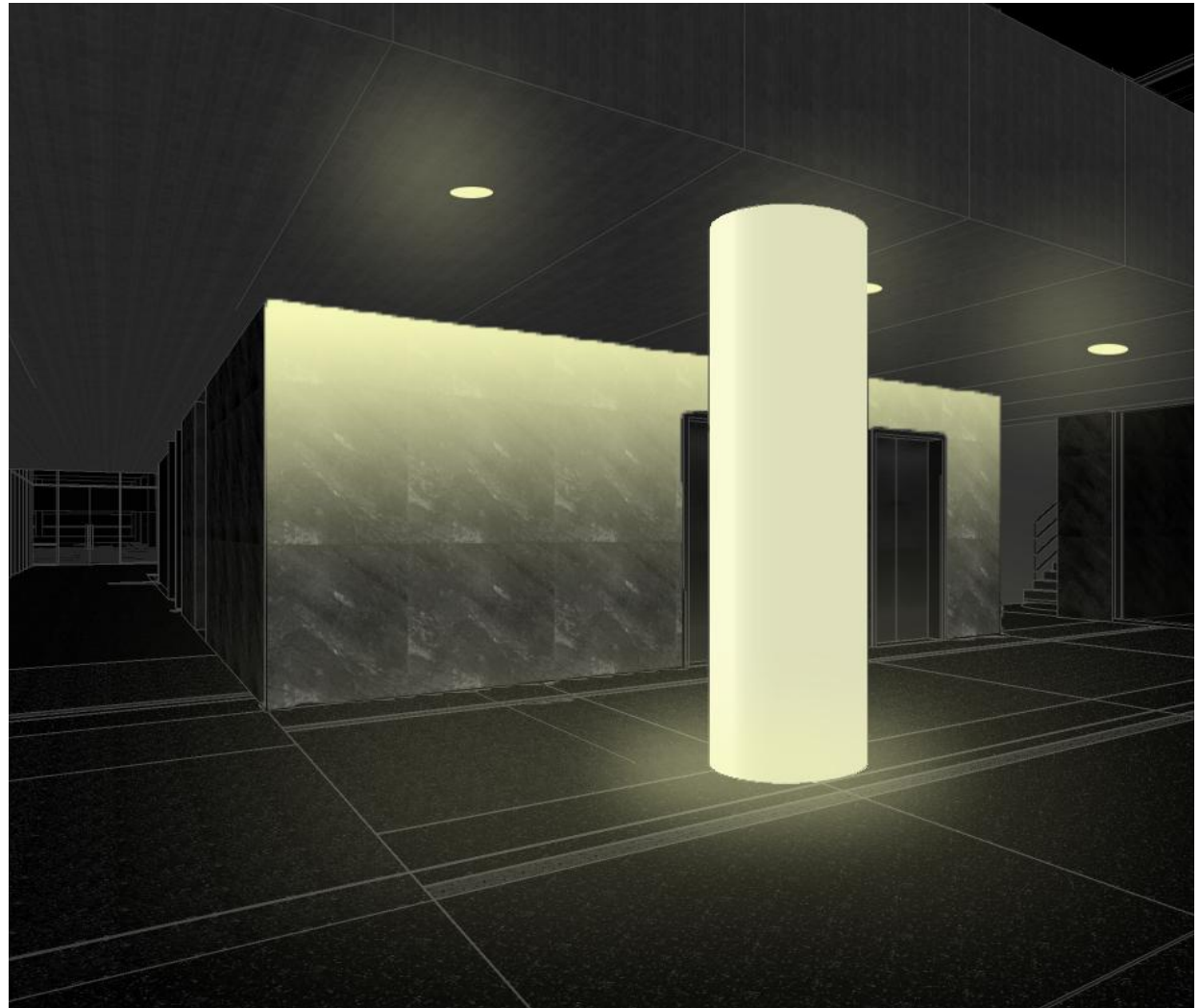
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### OPEN OFFICE LIGHTING

#### DESIGN CRITERIA

sleek | appearance of interior & from the exterior

dynamic | daylight integration & control

balance | appealing vs. veiling reflections

visual comfort | work plane uniformity & minimal glare

flexibility | ability to control one's work station



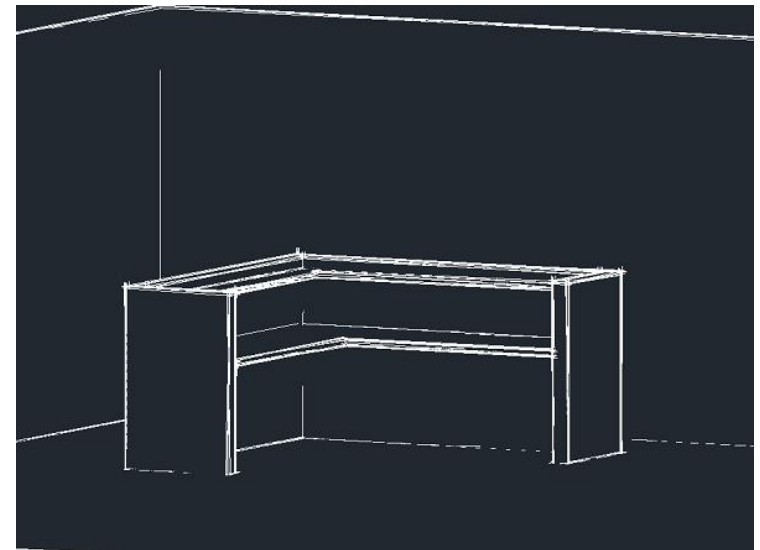
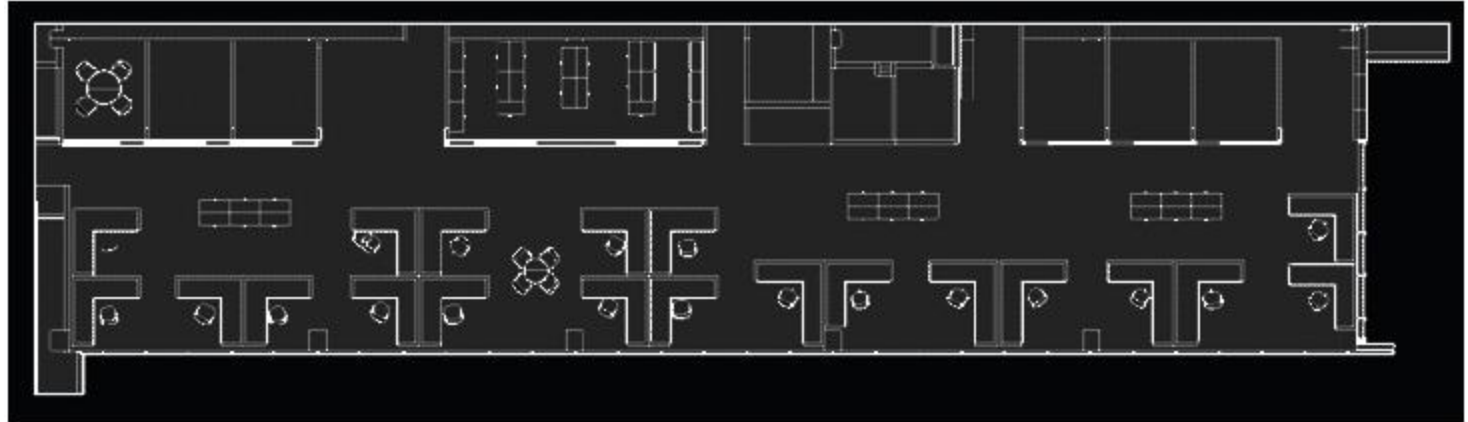
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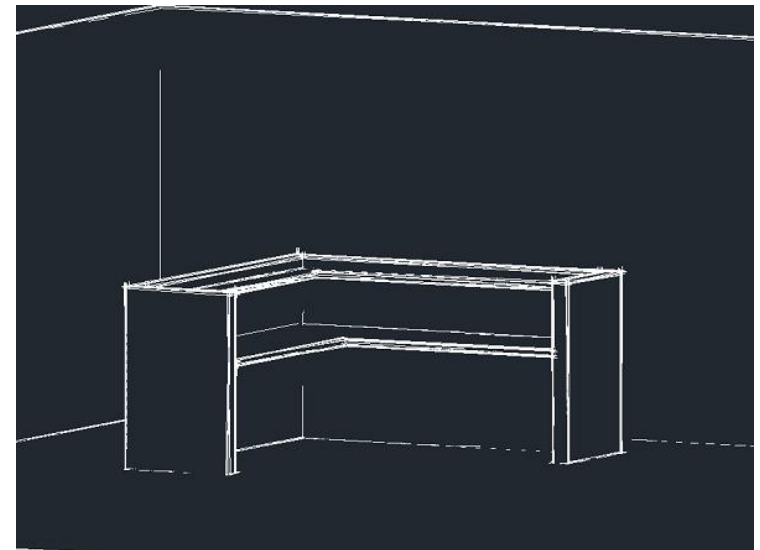
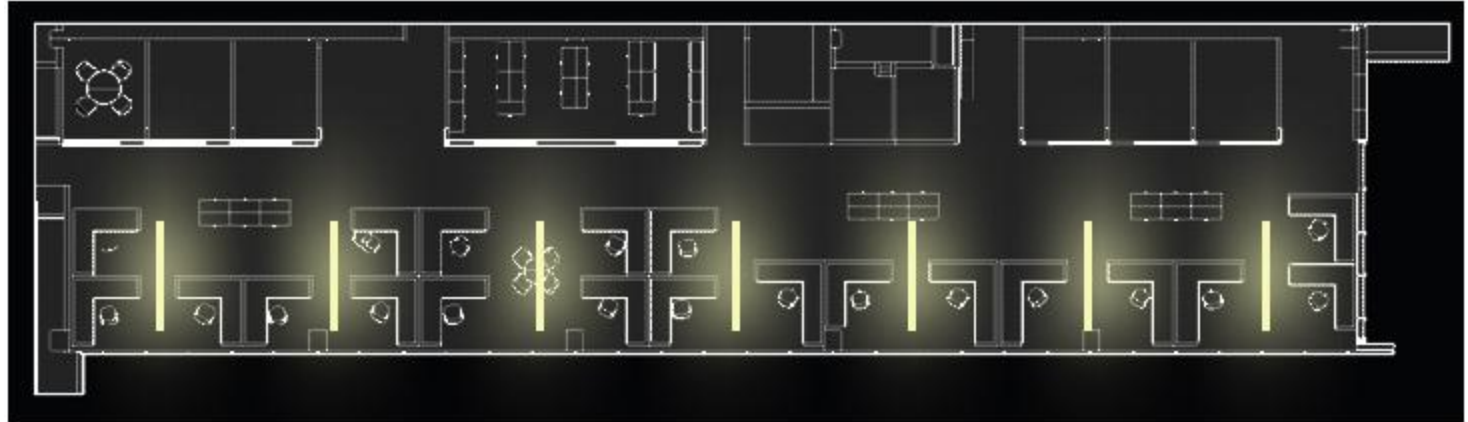
**OPEN OFFICE**

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### OPEN OFFICE LIGHTING



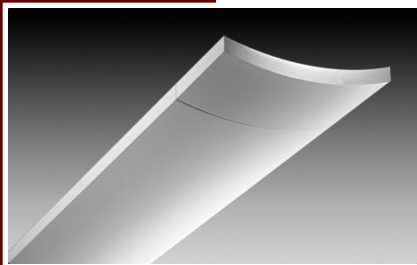
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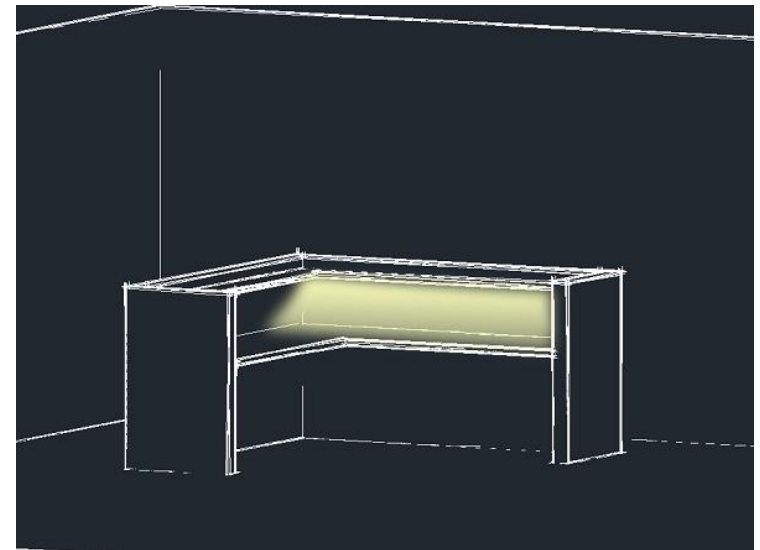
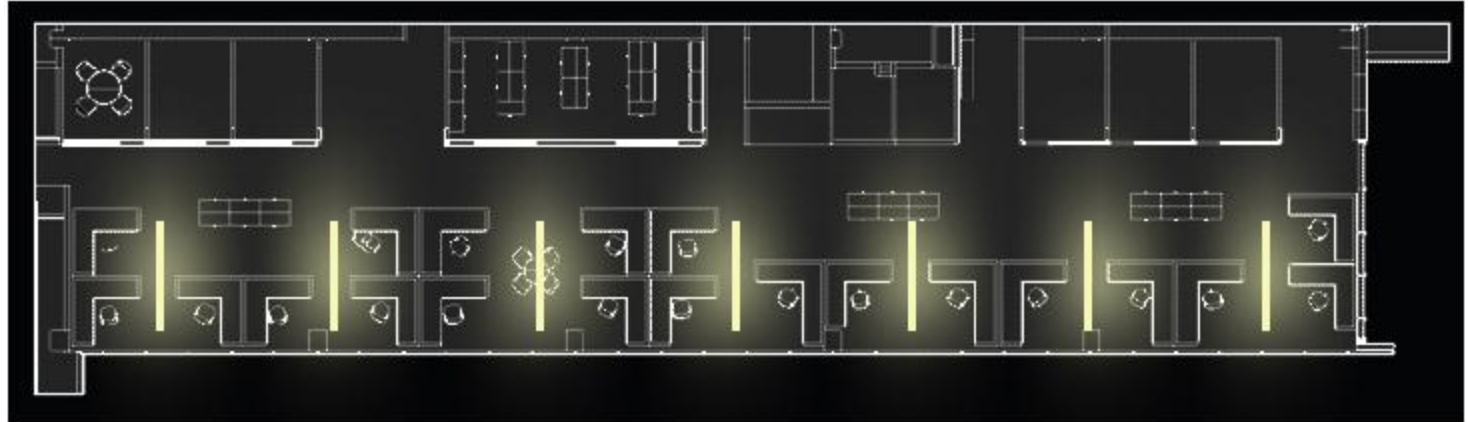
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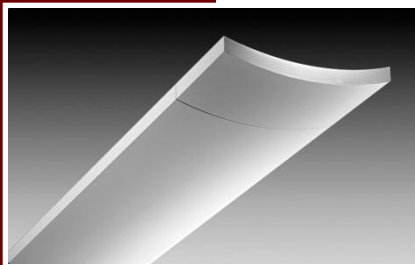
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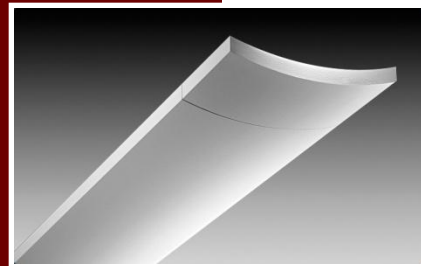
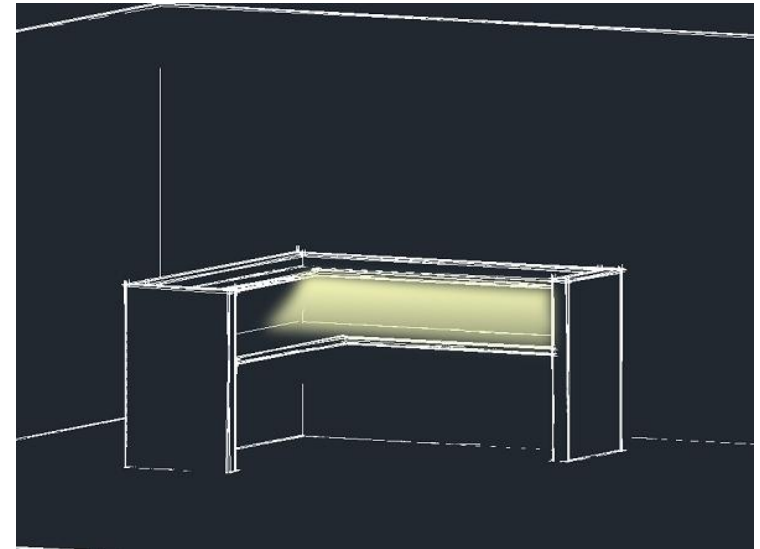
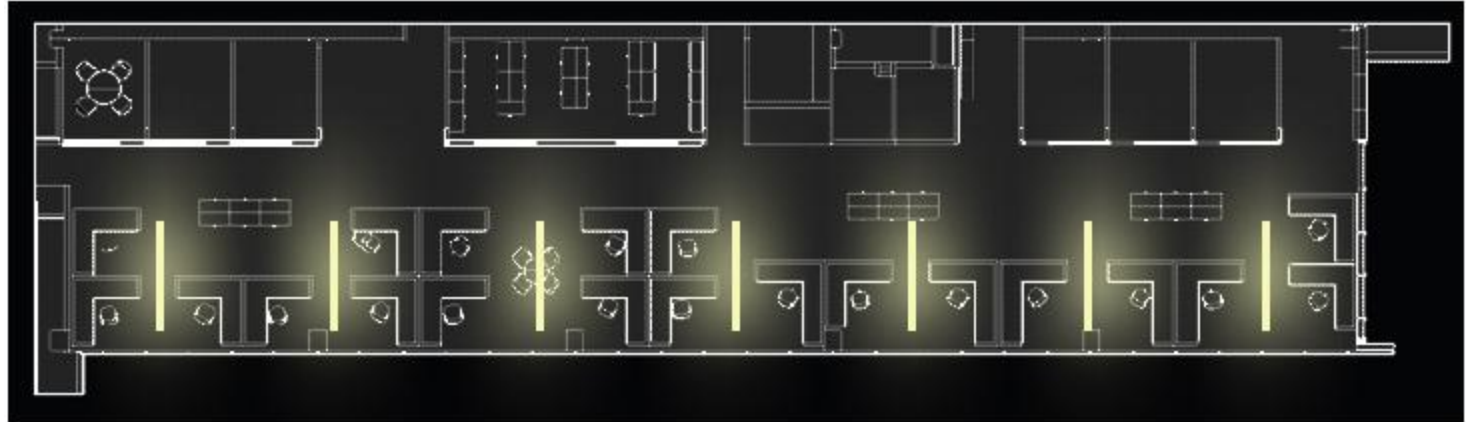
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### COUNCIL CHAMBERS LIGHTING

#### DESIGN CRITERIA

*Public and Private*

*flexibility | public or private event*

*hierarchy | of light to create a focal point*

*materiality | warmth of wood, inviting, comfortable*

*focus | layering of light throughout the space*

*comfort | presenter, council, & audience*

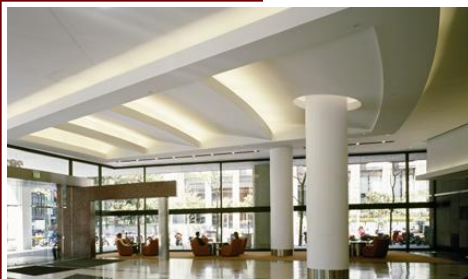
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Public

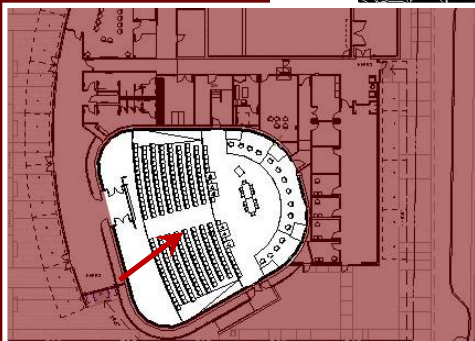
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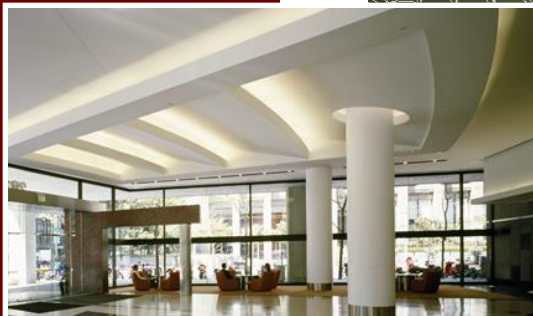
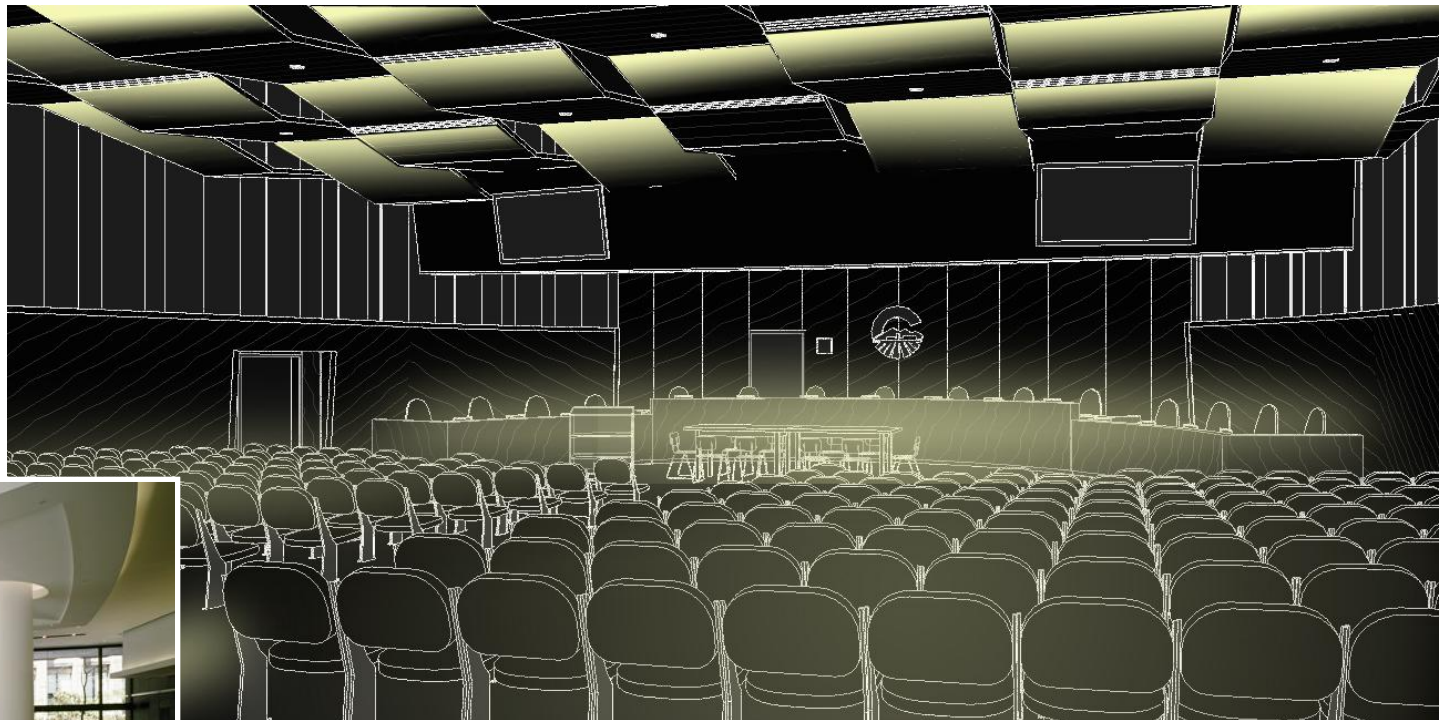
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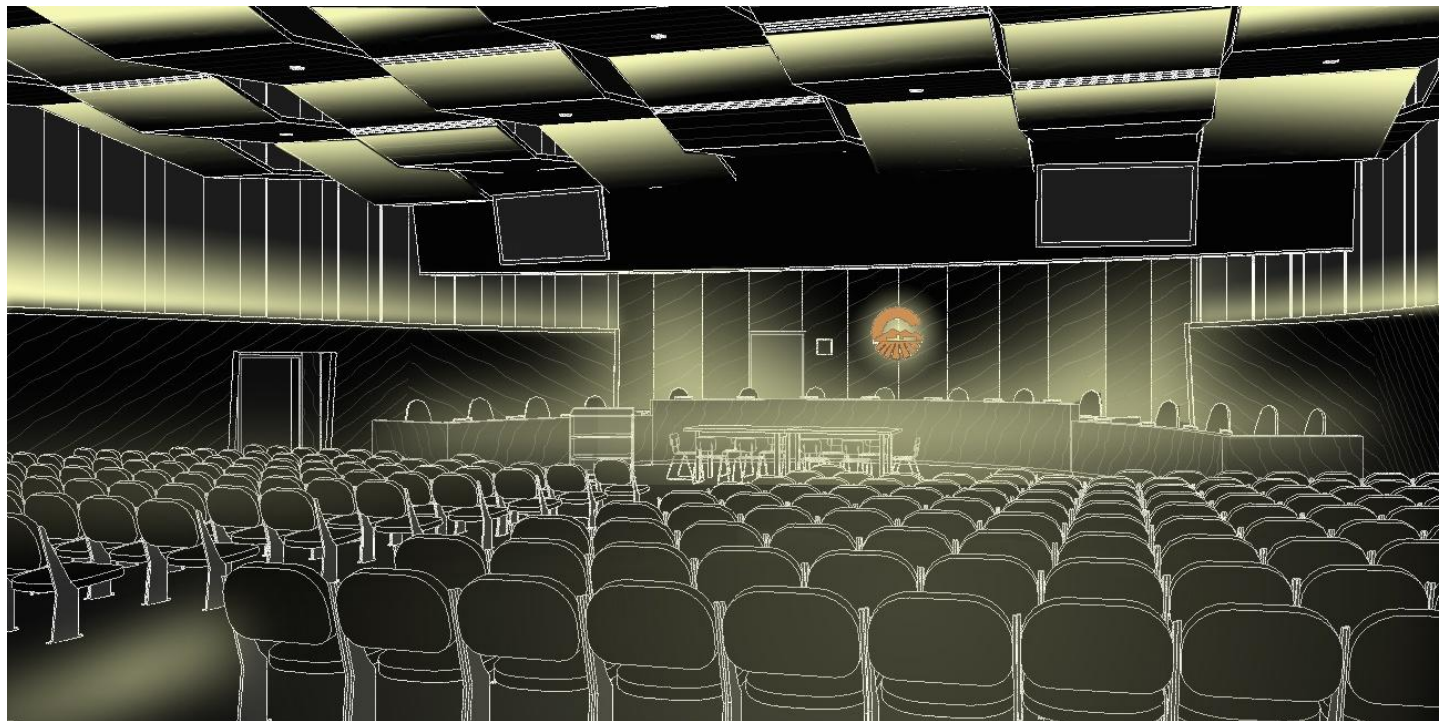
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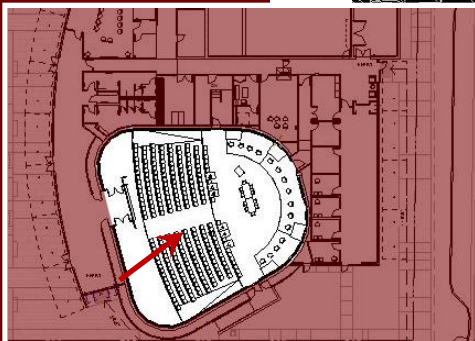
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Private

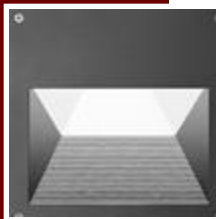
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Timeless Essence

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CHANDLER, ARIZONA

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Private

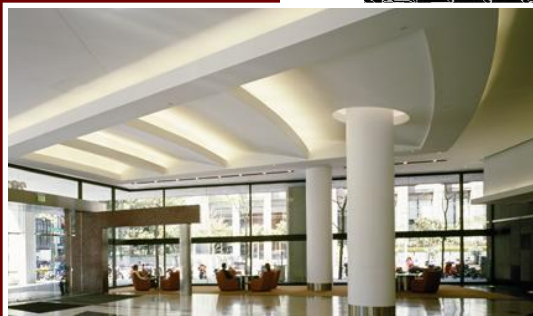
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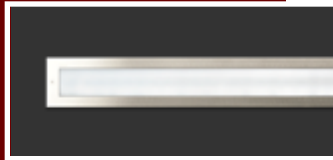
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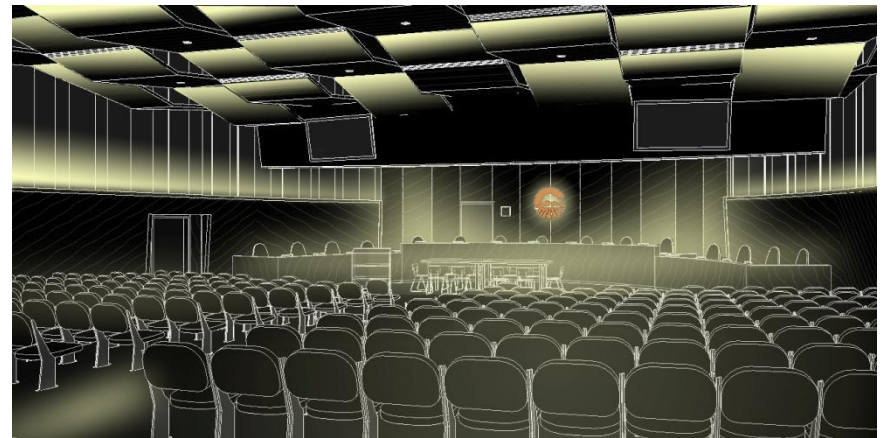
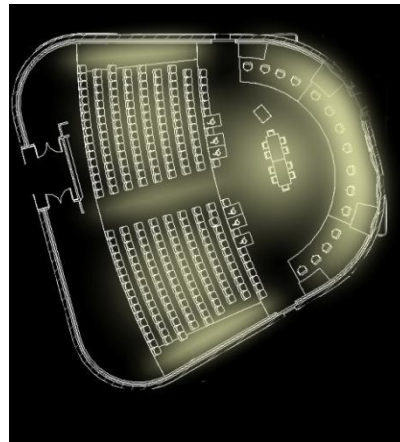
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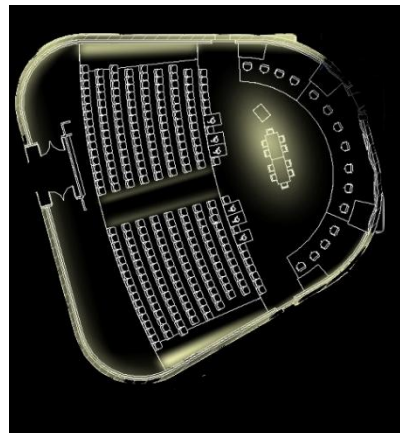
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## COUNCIL CHAMBERS LIGHTING

Public



Private



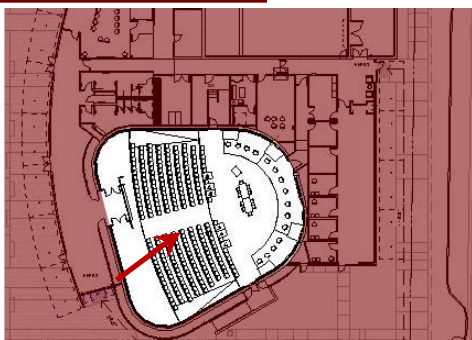
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## Schematic Design

### EXTERIOR FAÇADE LIGHTING

Transparency | Reflection | Translucency | Hierarchy | Stature | Presence

#### DESIGN CRITERIA

connection | historic & commercial ; past & present  
hierarchy | guidance & representation  
dynamic | art scrim  
appeal | landmark  
dark skies | minimal sky glow

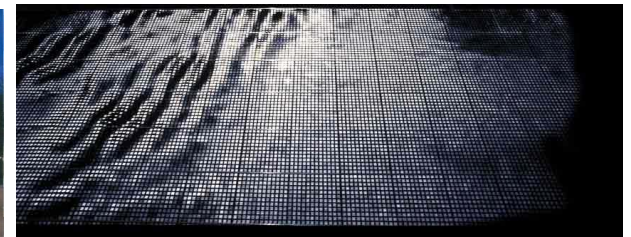
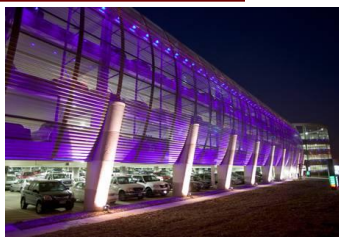
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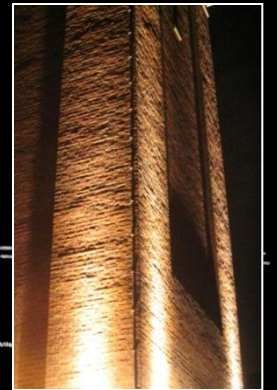
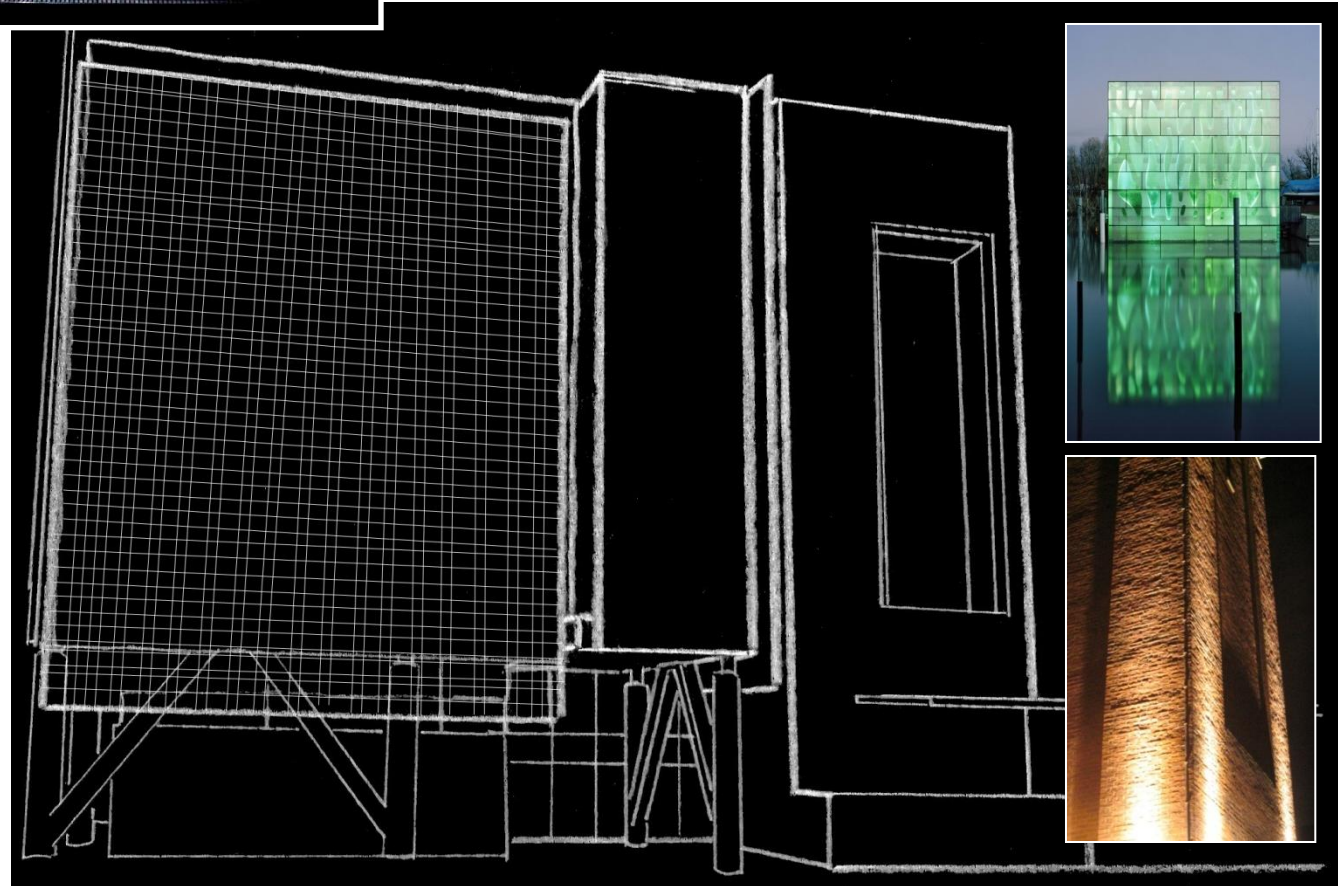
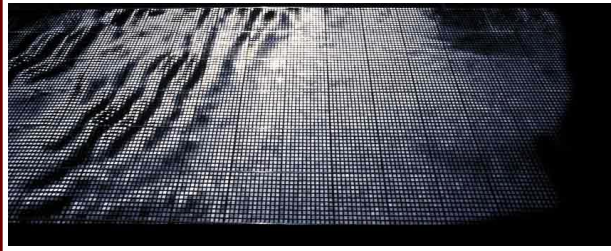
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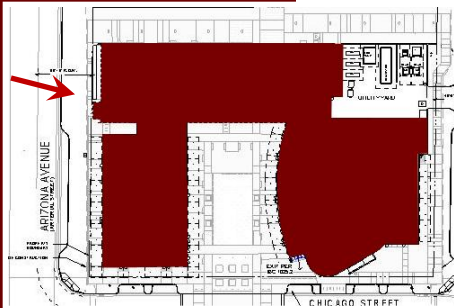
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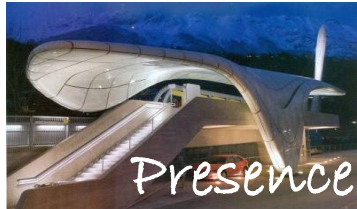
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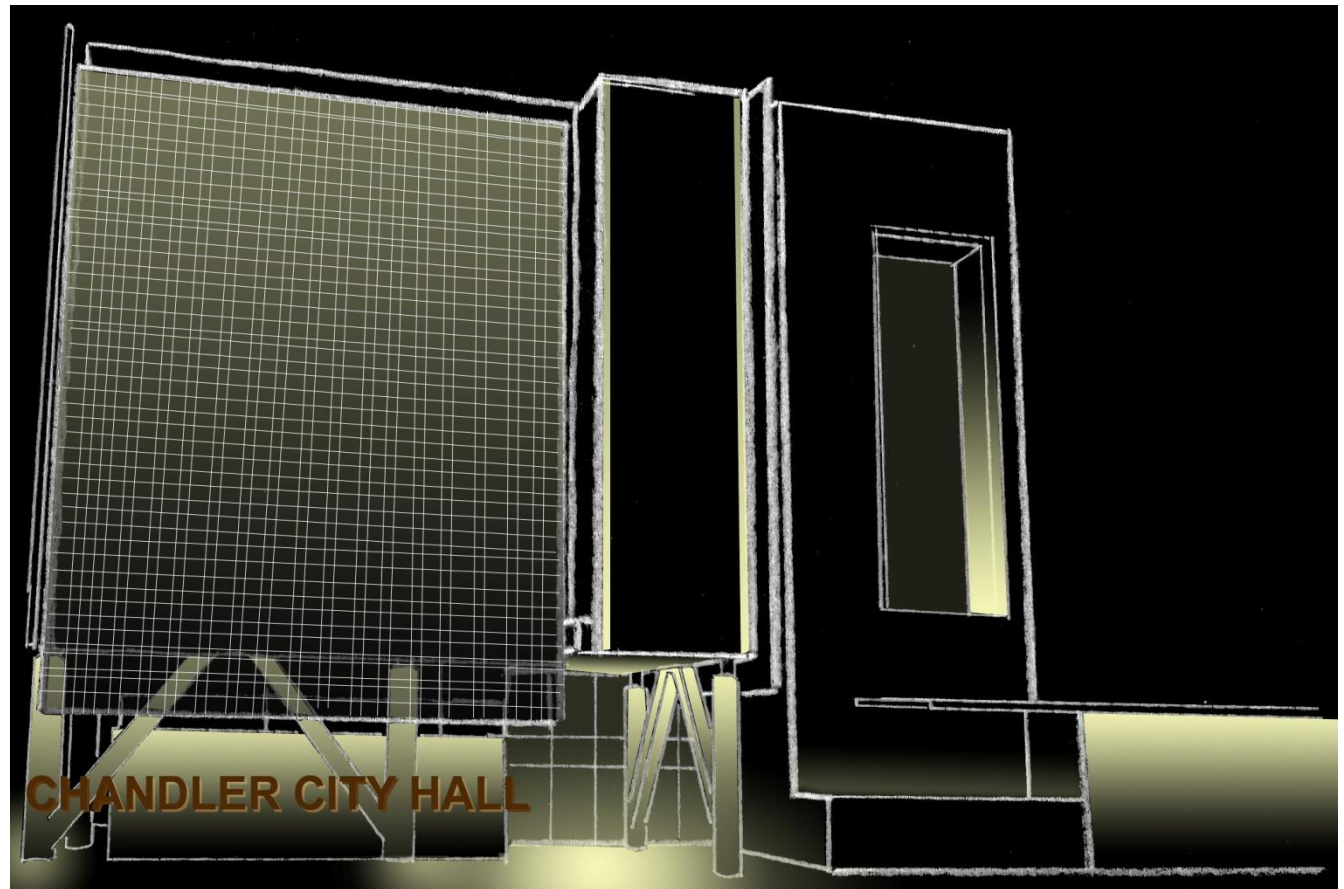
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## EXTERIOR FAÇADE LIGHTING



Scenario 1



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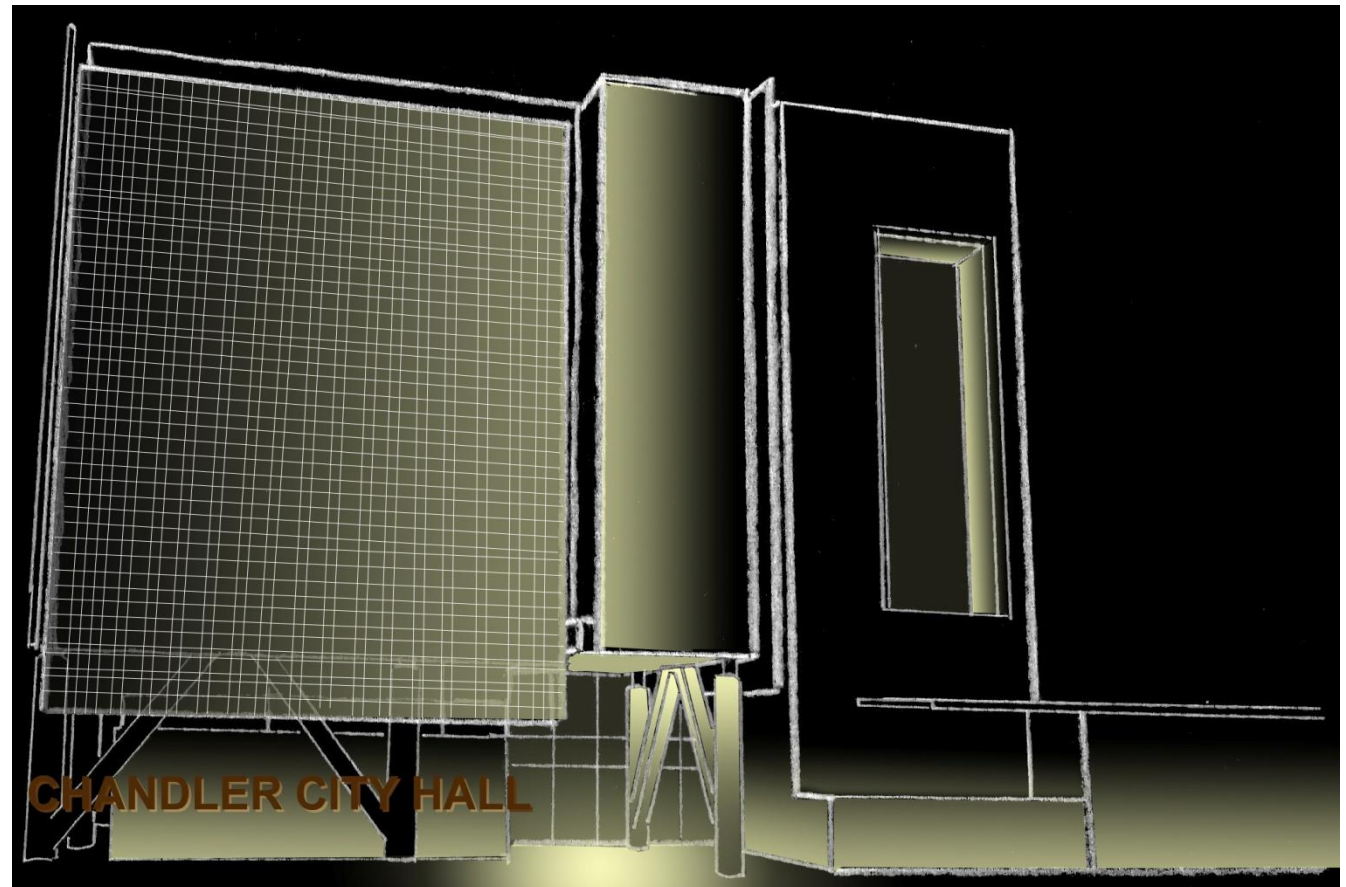
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## EXTERIOR FAÇADE LIGHTING



Scenario 2



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## EXTERIOR FAÇADE LIGHTING



Scenario 3

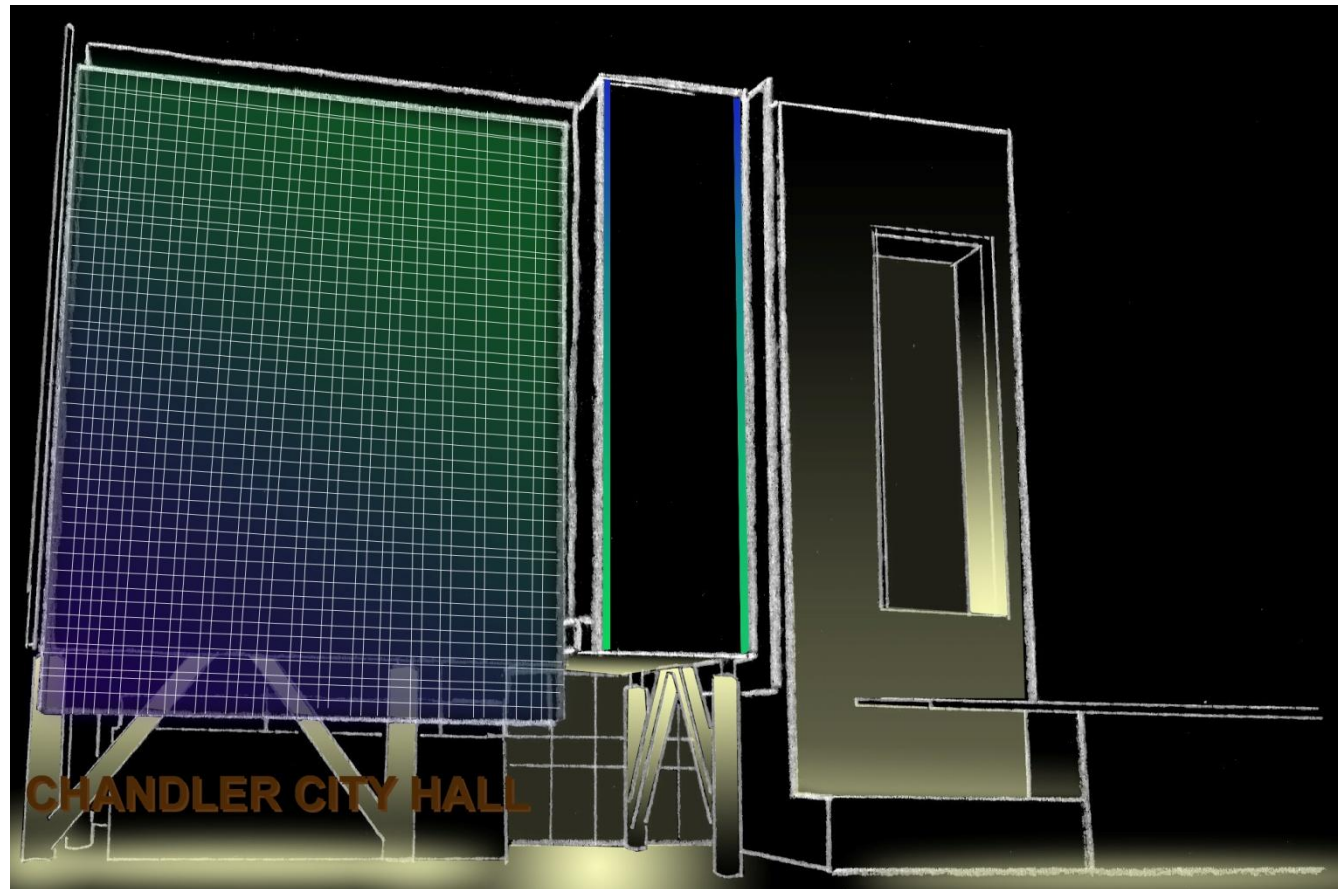
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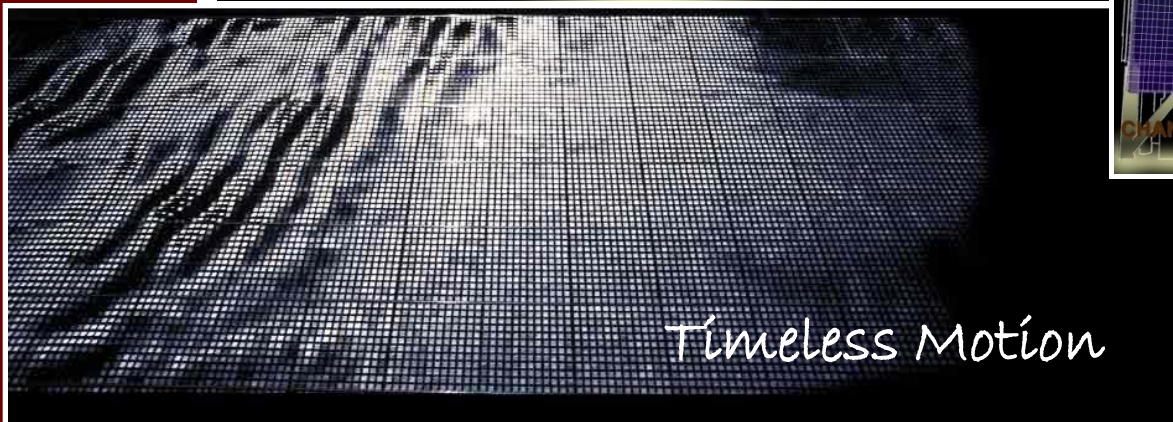
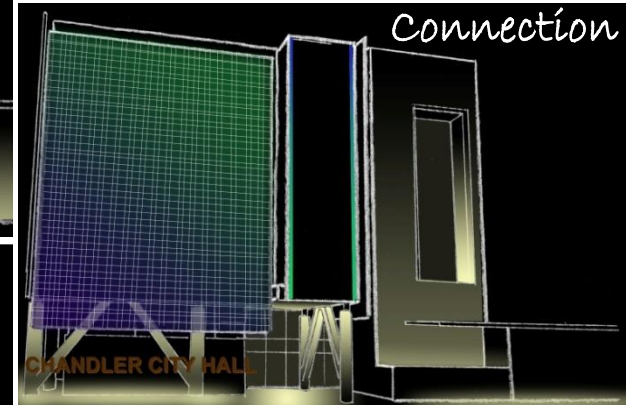
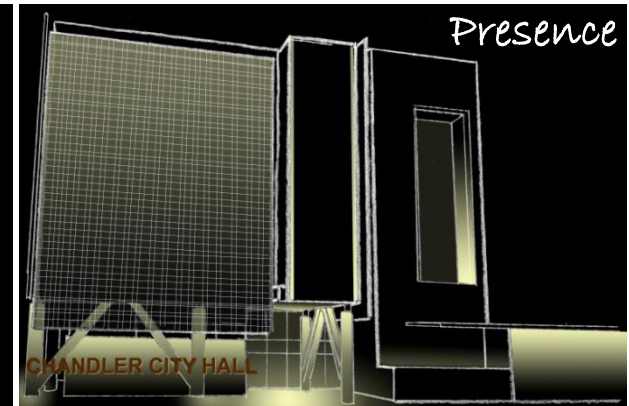
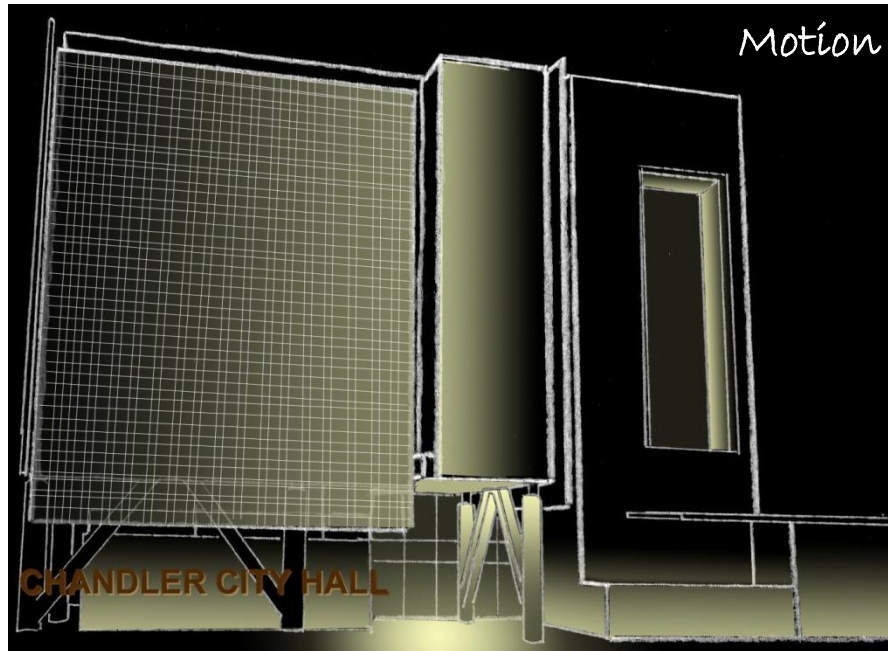
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## EXTERIOR FAÇADE LIGHTING



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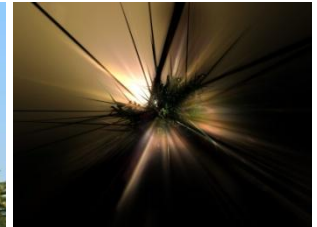
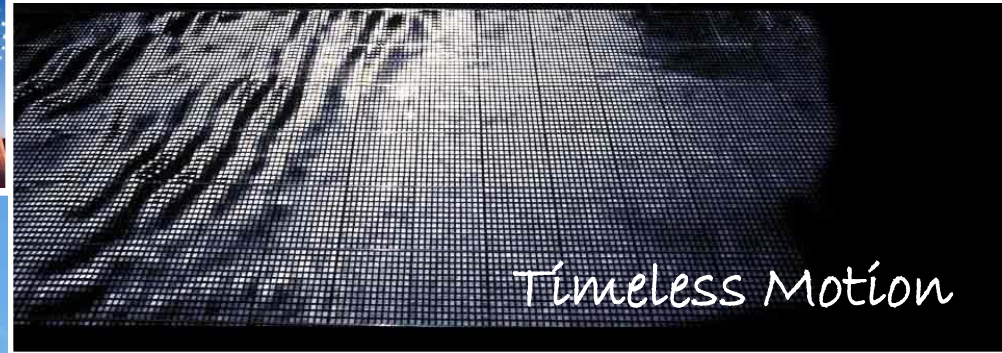
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## LIGHTING CONCEPTS



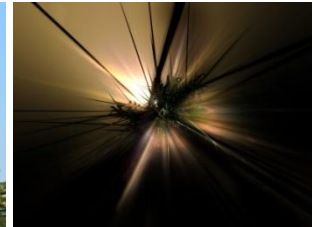
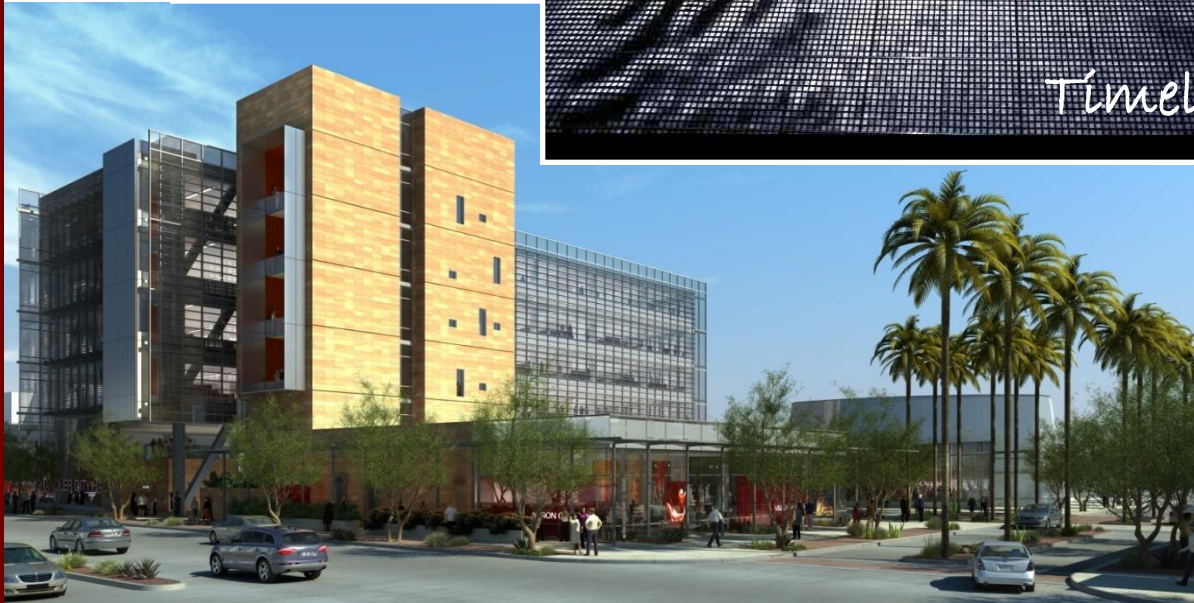
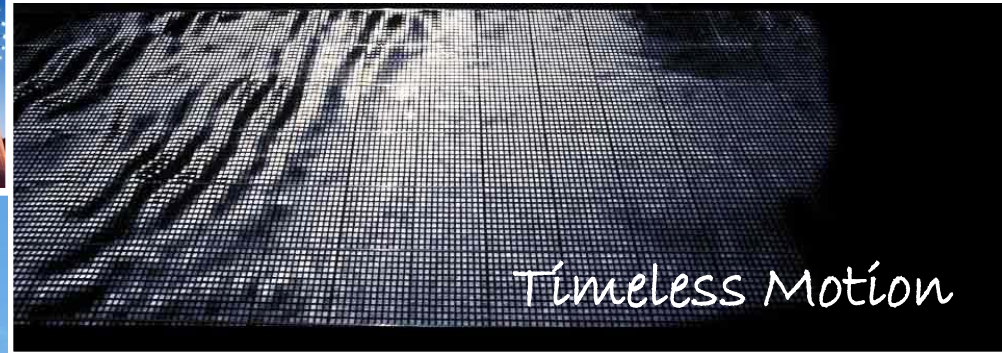
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THANK YOU  
COMMENTS OR QUESTIONS?



STEPHANIE ROMANIAS