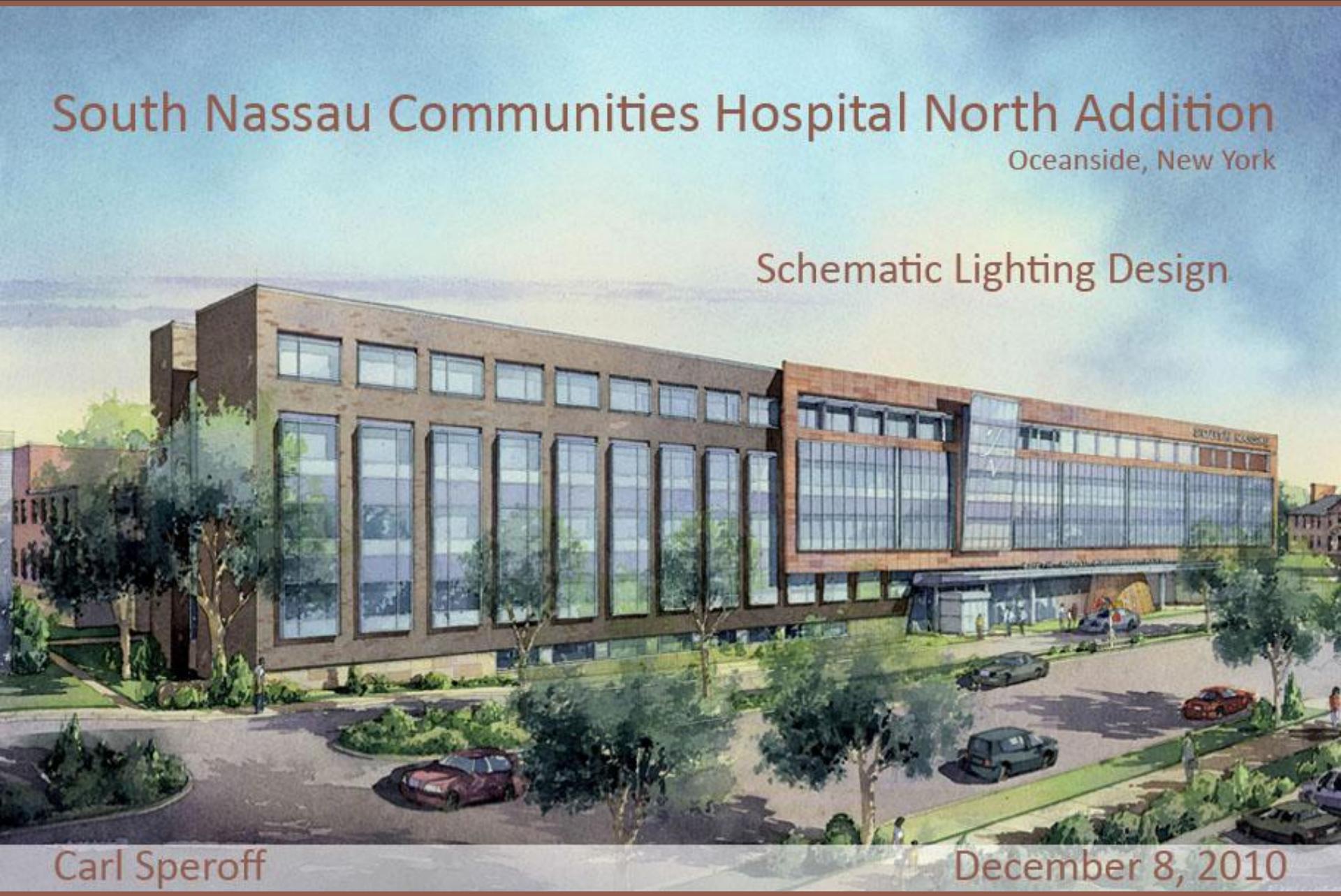
South Nassau Communities Hospital North Addition

Oceanside, New York

Schematic Lighting Design



Carl Speroff

December 8, 2010

South Nassau Communities Hospital North Addition

Oceanside, New York

"An ***extraordinary endeavor*** that will change this community for the better. It is the ***beginning of a new era*** in health care, one in which the most ***advanced*** in medical care is ***delivered with the utmost of compassion***."

South Nassau Communities Hospital

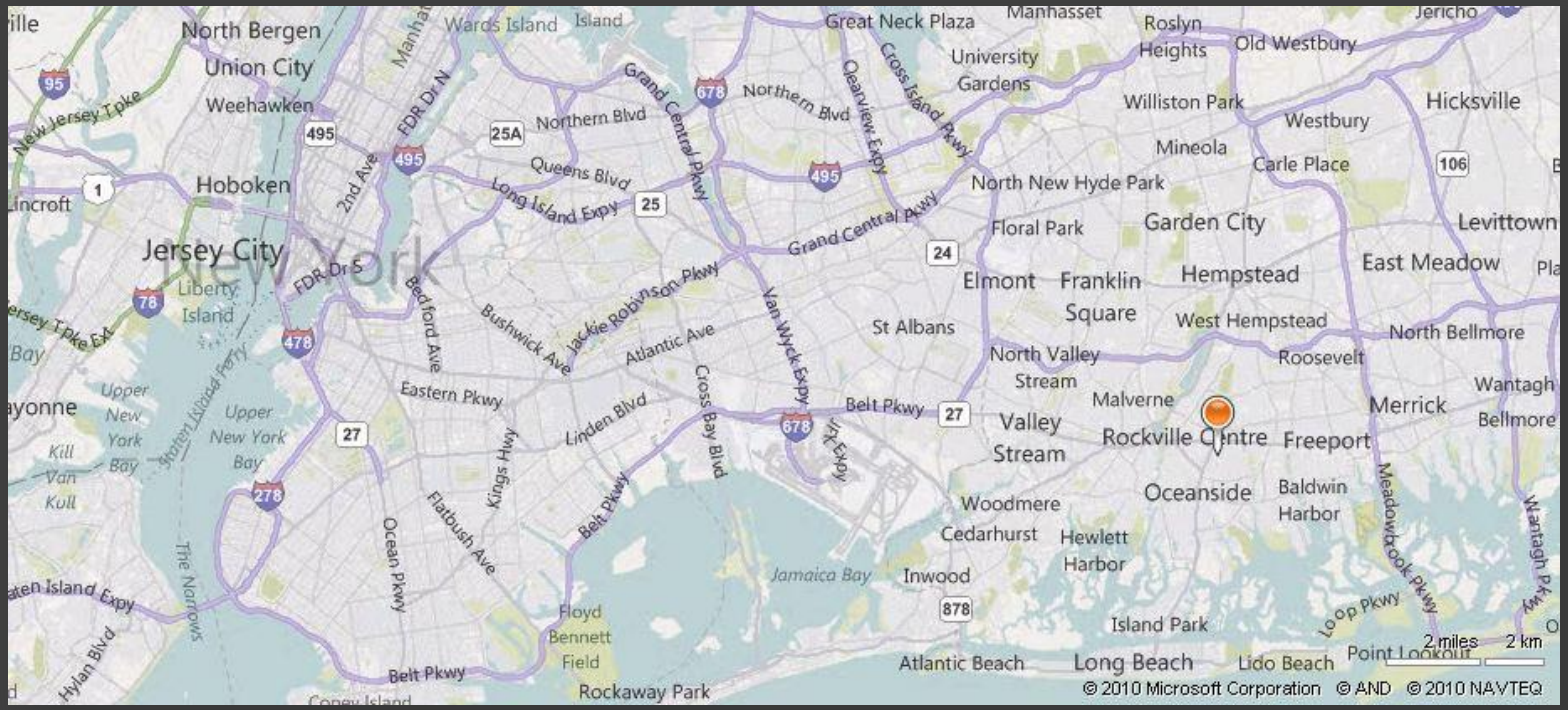
Overview

- South Nassau Communities Hospital North Addition
  - Building statistics
  - Overall concept, design themes

- Design Criteria, Considerations, and Schematic Design
  - Main Lobby
  - Auditorium
  - Courtyard
  - Nurses Station

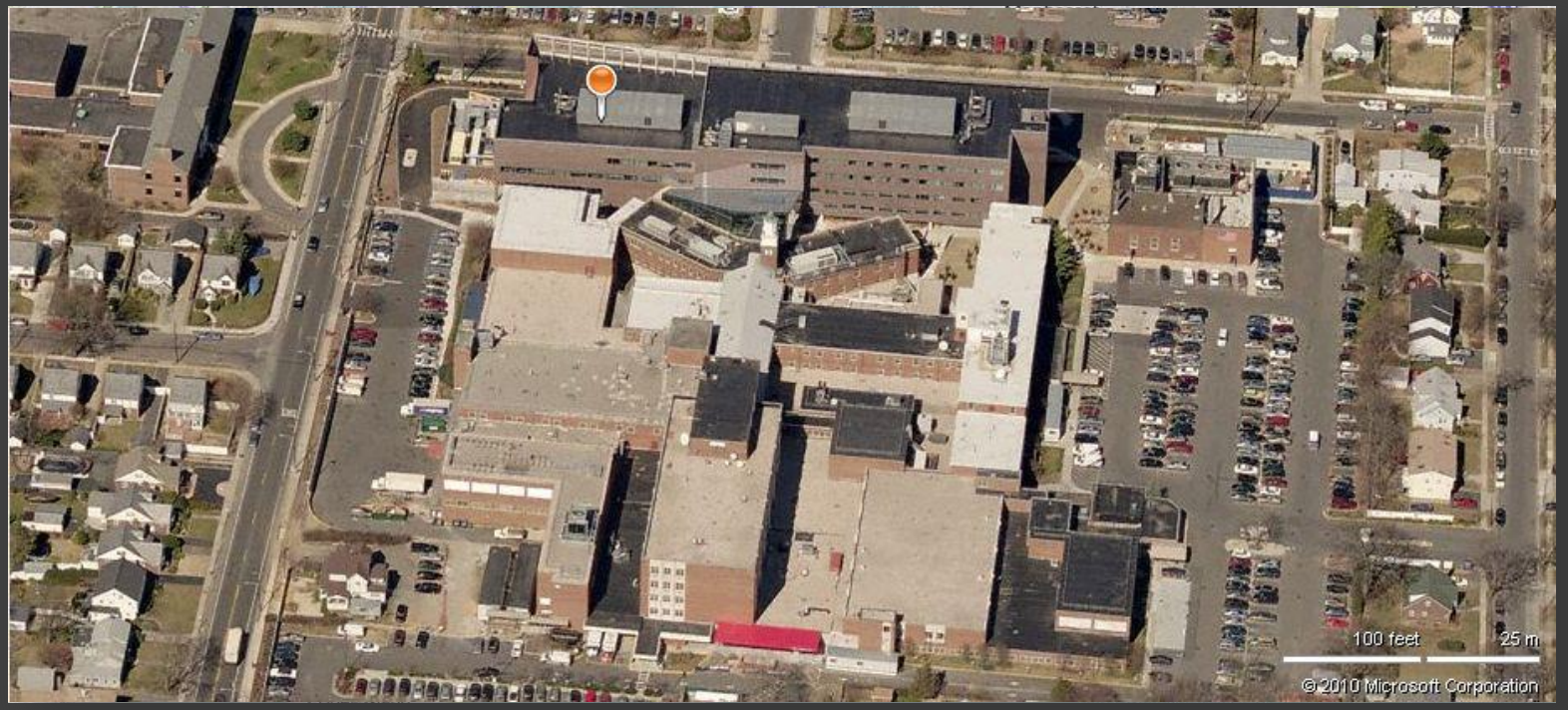
Building Statistics

- Location | Oceanside, New York



Building Statistics

- Location | Oceanside, New York



Building Statistics

- Location | Oceanside, New York
- Size | 160,000 SF
- Cost | $64,100,000
- Construction | Dec. 2003 – May 2005

Project Team

- Owner | South Nassau Communities Hospital
- Architect | Cannon Design
- Engineer | Cannon Design
- Construction Manager | Bovis Lend Lease
- General Contractor | KLMK Group

Project Goals

- Provide a dignified, comfortable space for patient healing
- Provide fresh and updated image while preserving legacy
- Create a modern look to reflect the cutting edge clinical and programmatic changes
- Create a welcoming beacon with hospitable interior spaces

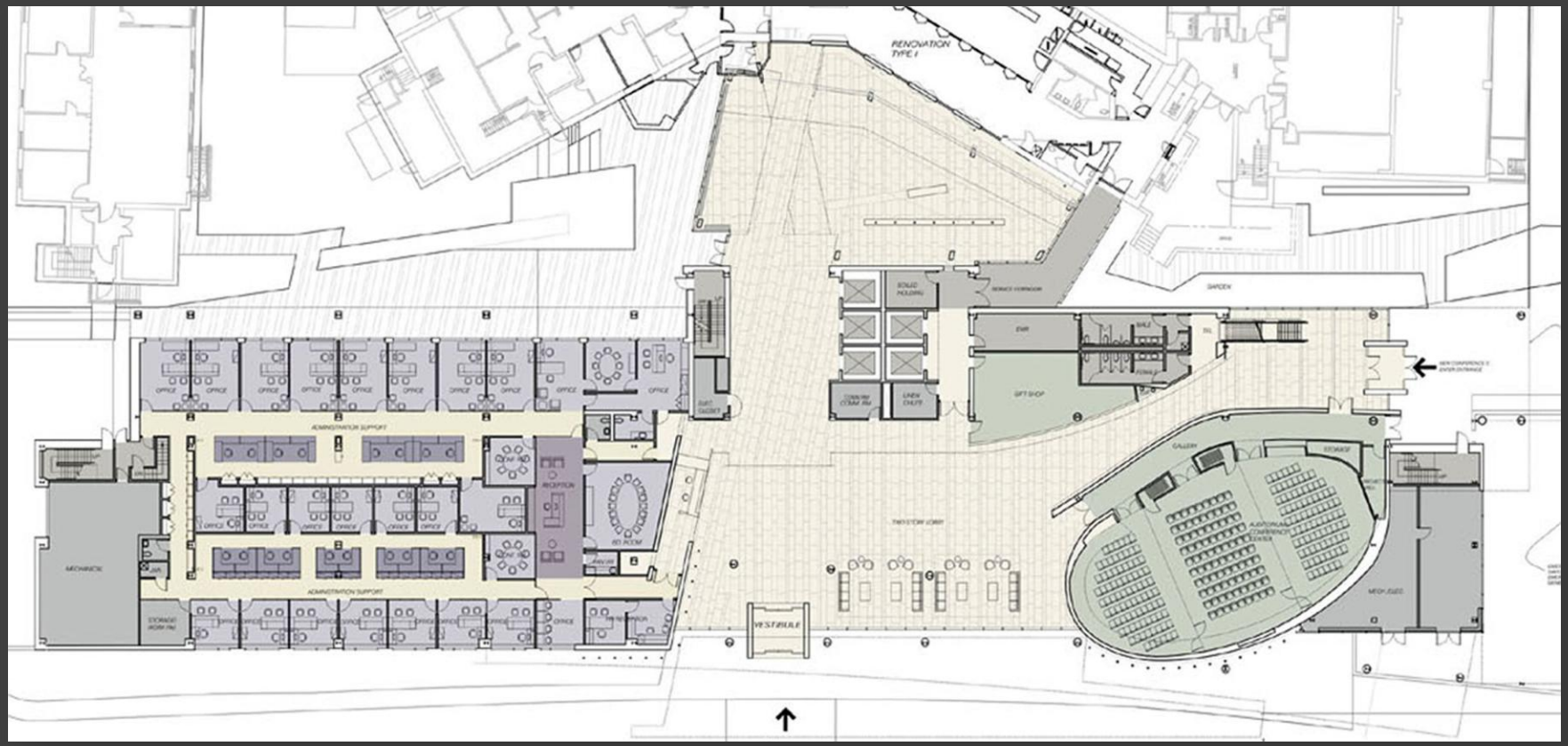
Project Goals

- Provide a ***dignified, comfortable space*** for patient healing
- Provide ***fresh*** and updated image while preserving legacy
- Create a ***modern*** look to reflect the cutting edge clinical and programmatic changes
- Create a ***welcoming beacon*** with ***hospitable*** interior spaces

Lighting Design Goals

- Create relaxing and welcoming environments
- Create a crisp, modern appearance
- Accentuate architecture
- Meet or exceed recommendations and requirements

Design Spaces

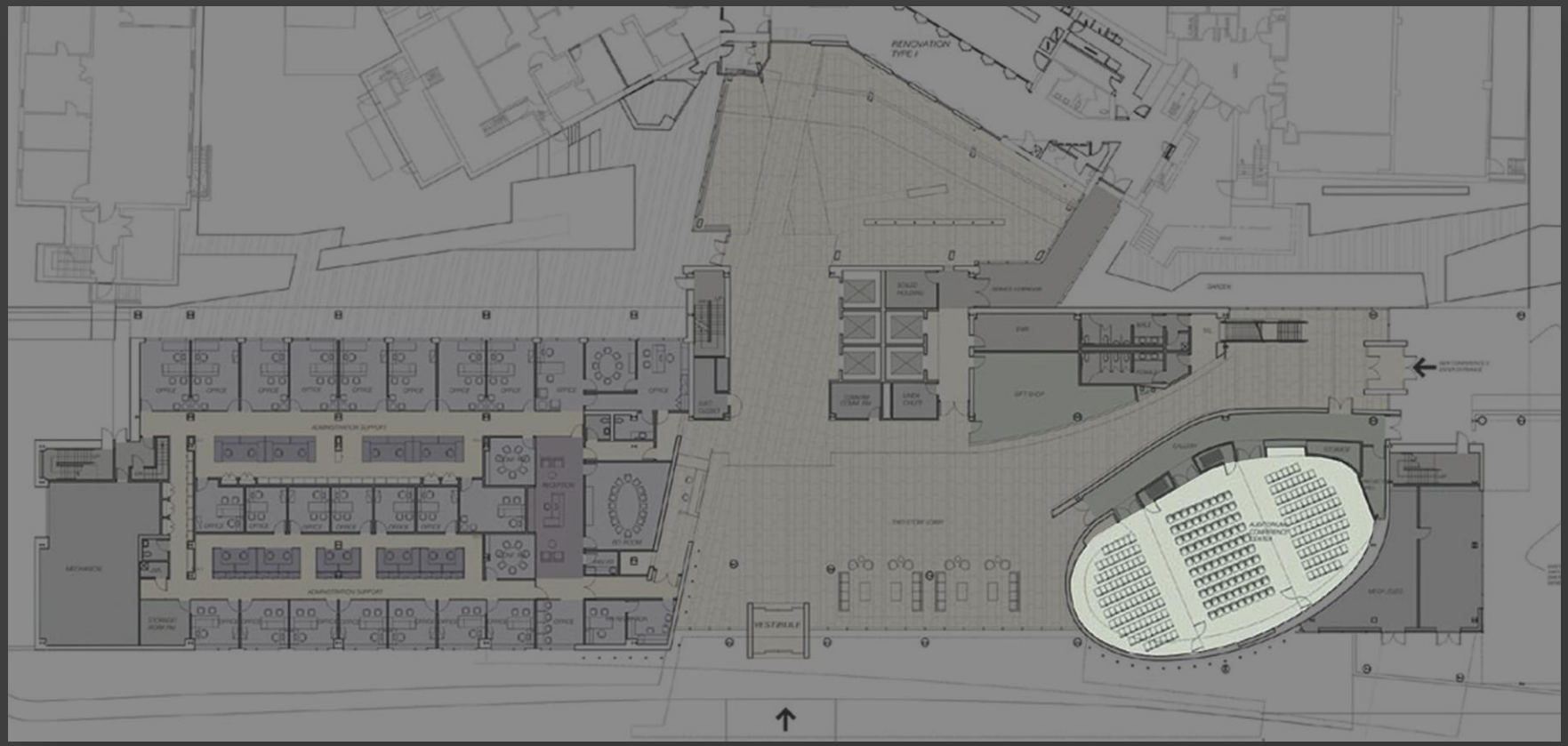


Ground Floor

Design Spaces

Main Lobby | Circulation Space

Design Spaces



Auditorium | Special Purpose Space

Design Spaces

Courtyard | Outdoor Space

Design Spaces

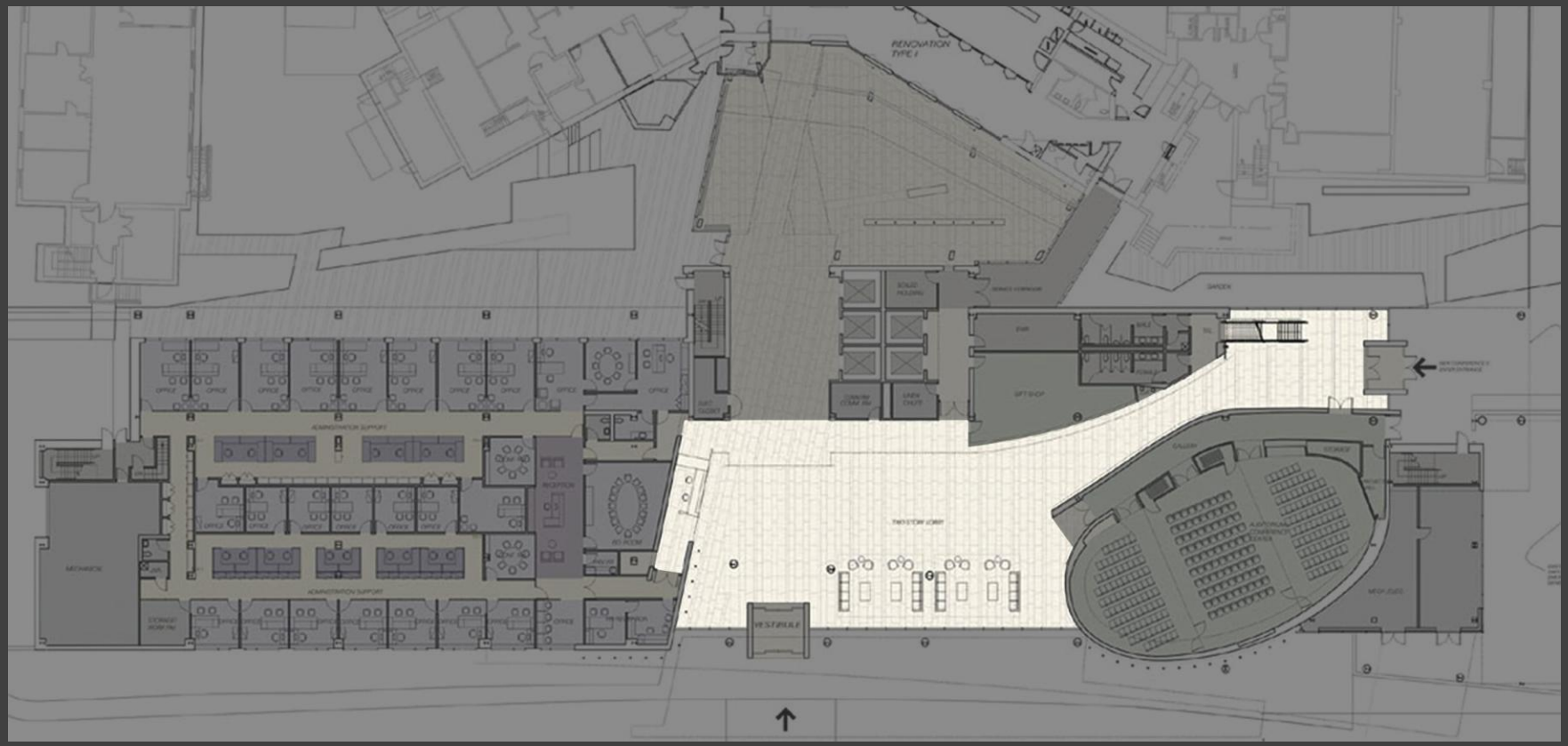
Second Floor

Design Spaces

Nurses Station | Large Work Space

Main Lobby

Main Lobby



Main Lobby | Circulation Space

Main Lobby

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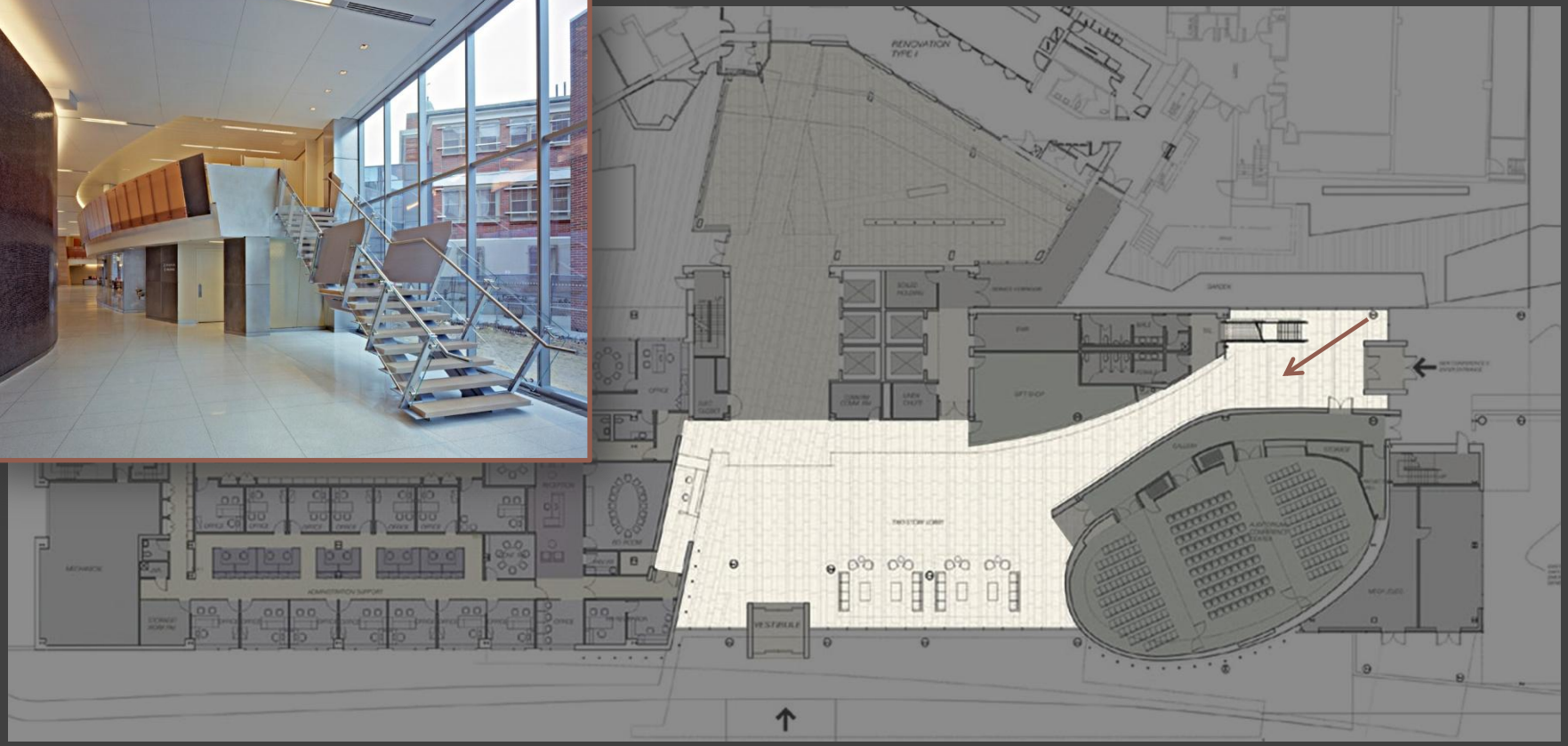
Main Lobby



Main Lobby | Circulation Space

Design Considerations

- *Appearance* - Create a lasting first impression
- *Architecture* - Build on initial concept
- *Impression* - Create a relaxing, spacious environment
- *Orientation* - Highlight points of interest
- *Circulation* - Encourage movement

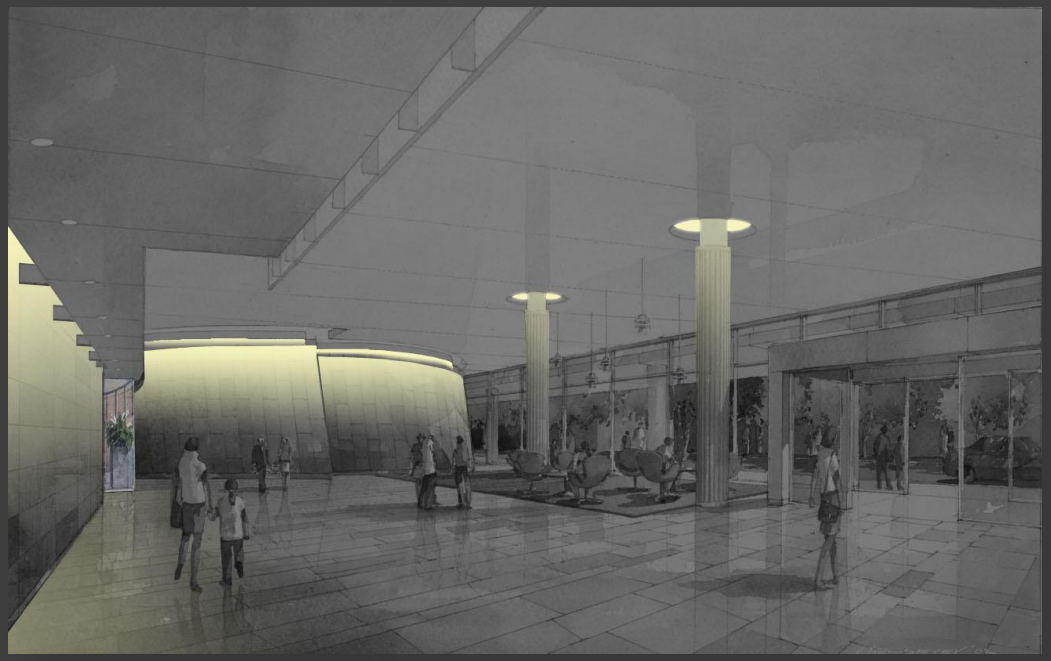
Schematic Design

Schematic Design

Schematic Design

Schematic Design

Schematic Design



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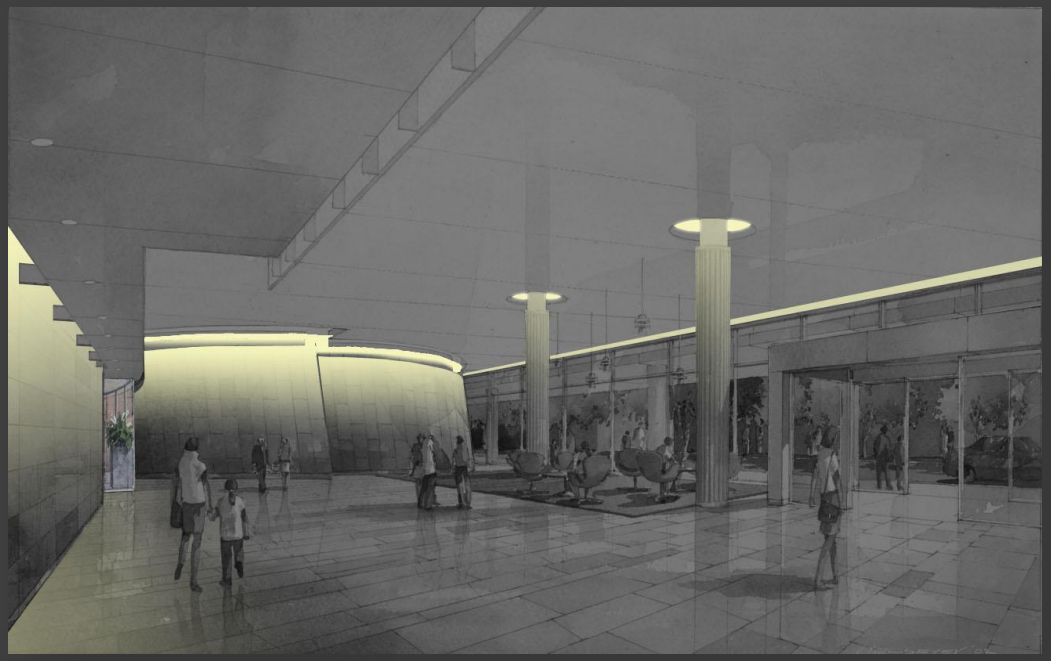

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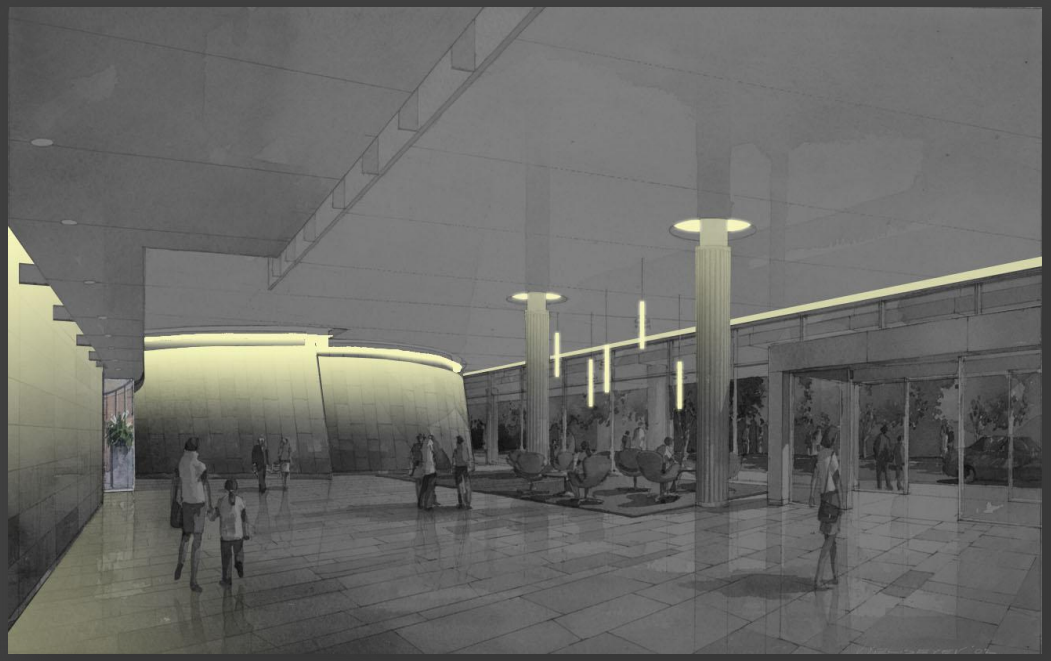

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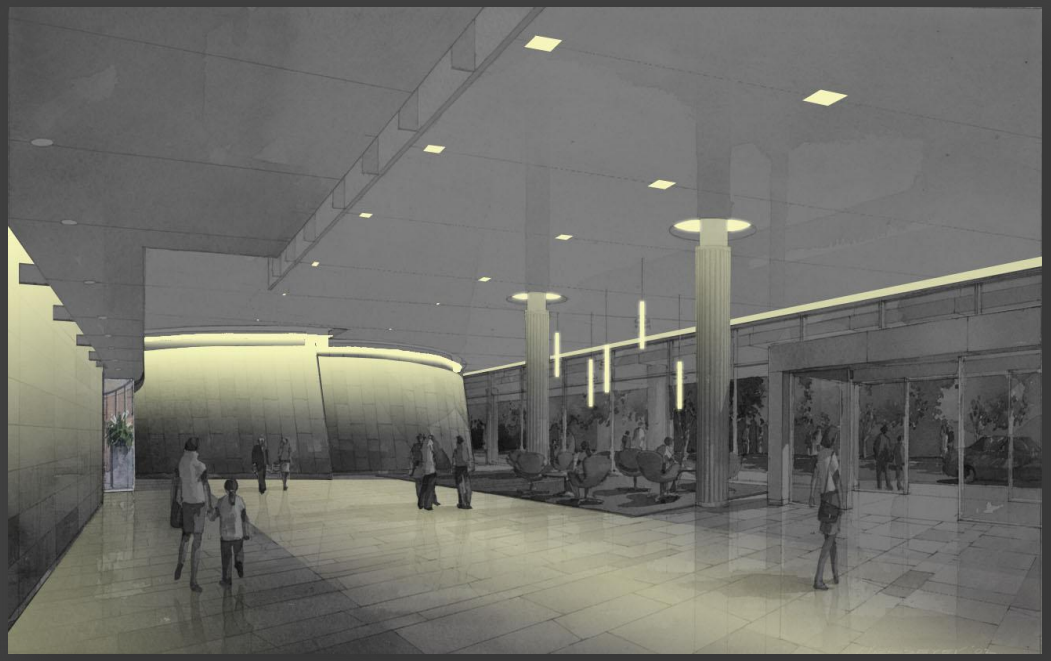


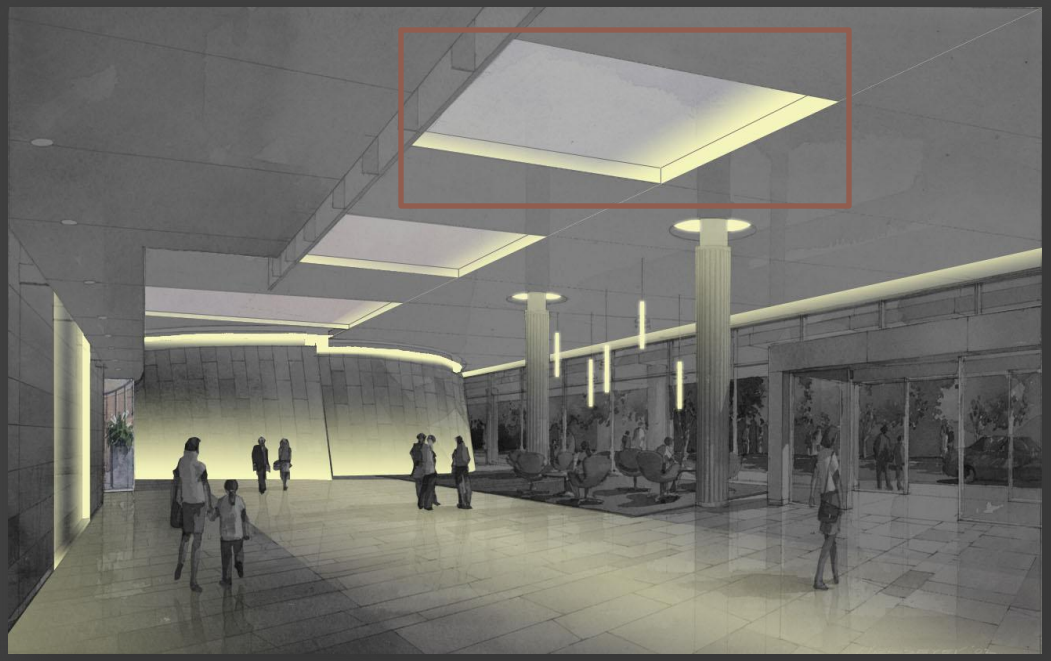
Schematic Design 2

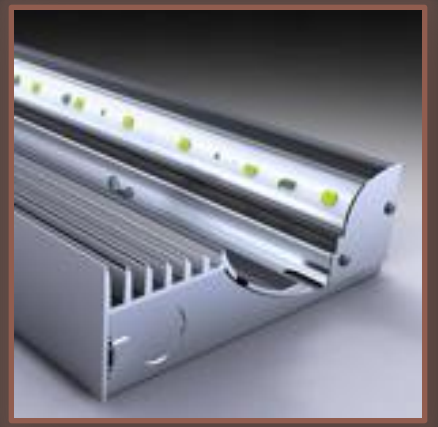
Schematic Design 3

Lighting Equipment

Lighting Equipment

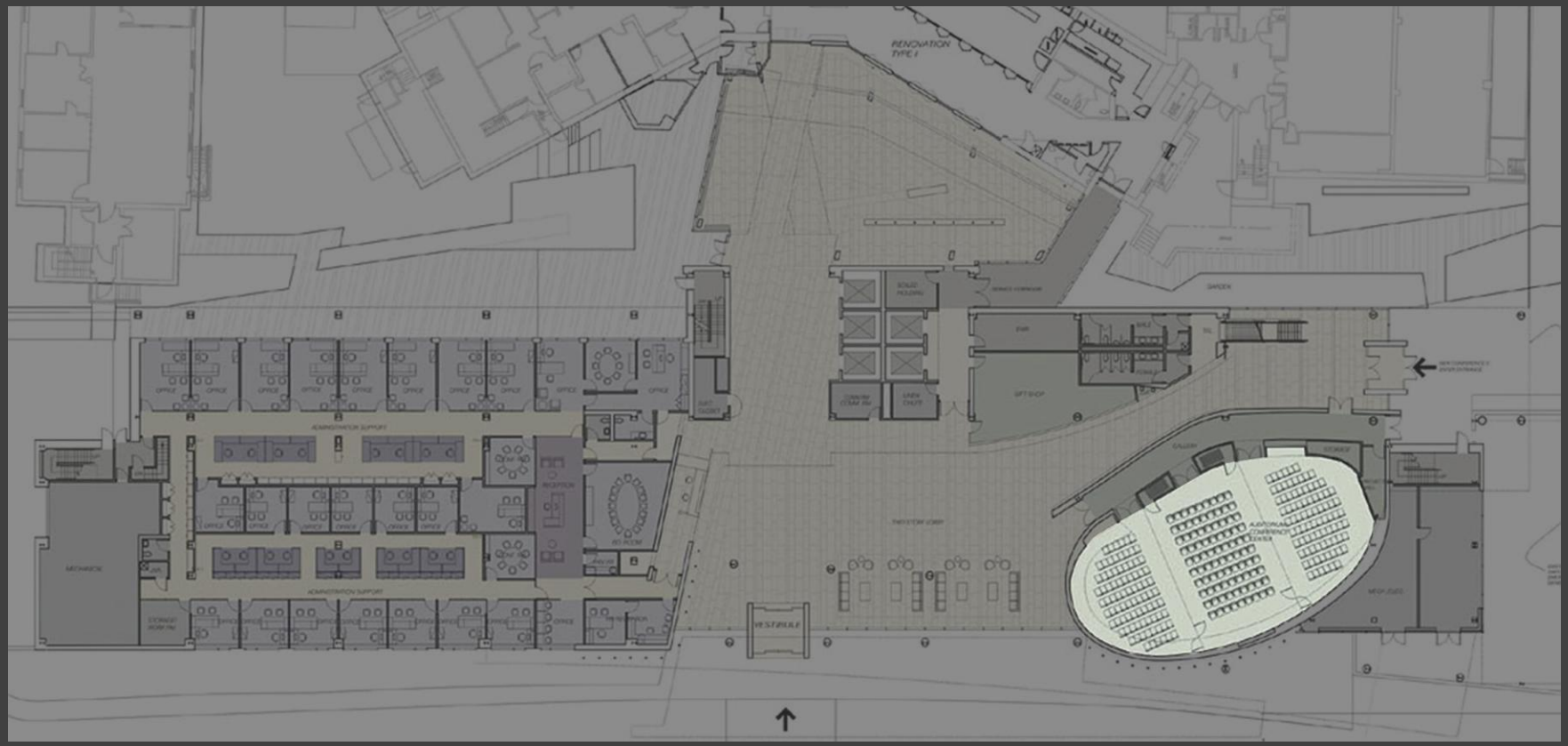
Lighting Equipment





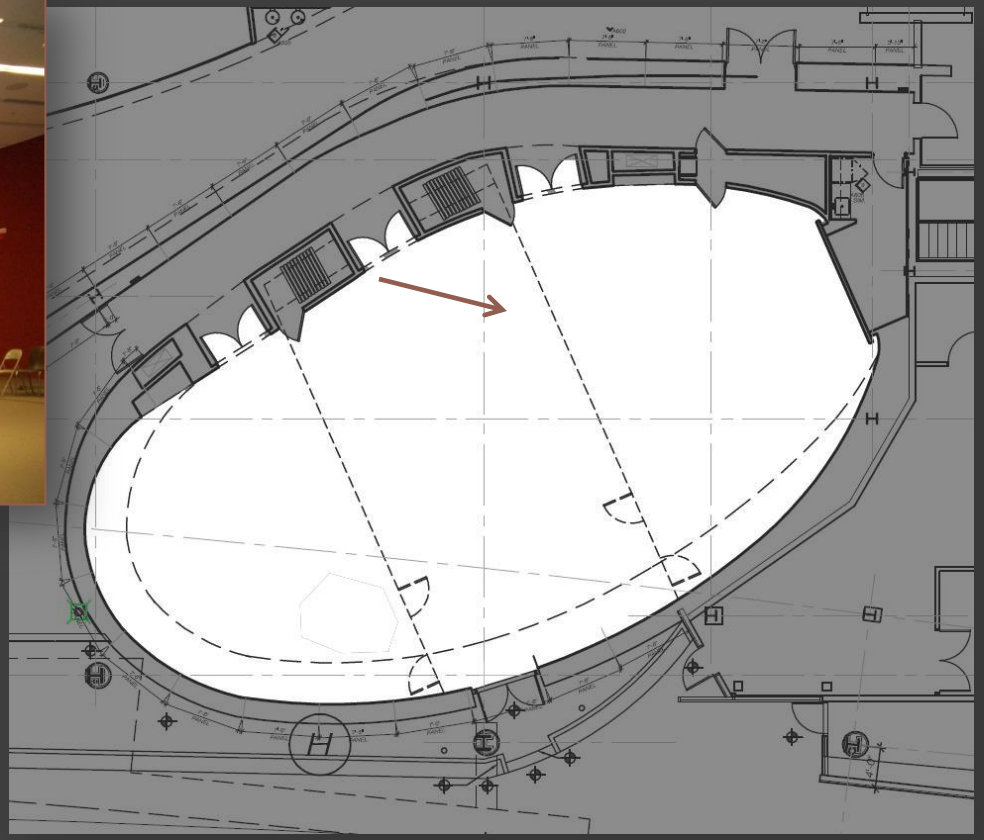
Auditorium

Auditorium



Auditorium | Special Purpose Space

Auditorium



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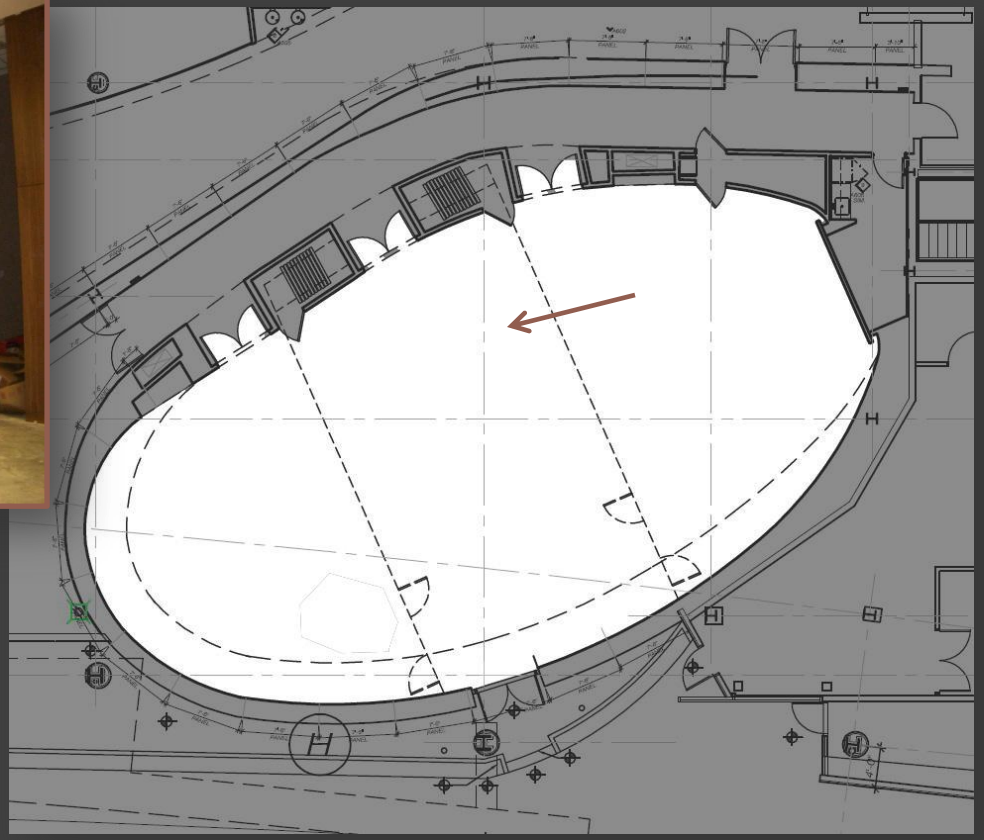
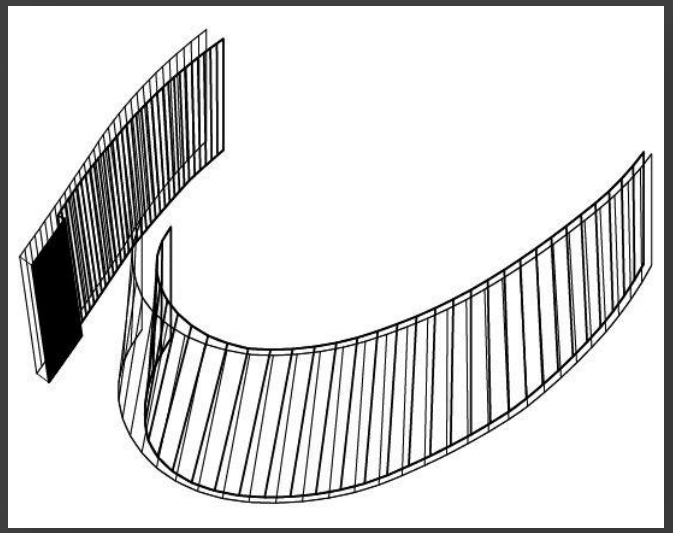


Auditorium | Special Purpose Space

Design Considerations

- *Flexibility* - Design for intimate or public setting
- *Hierarchies* - Draw attention to presenter
- *Architecture* - Emphasize unique shape
- *Appearance* - Consider color rendering and facial modeling
- *Comfort* - Minimize glare



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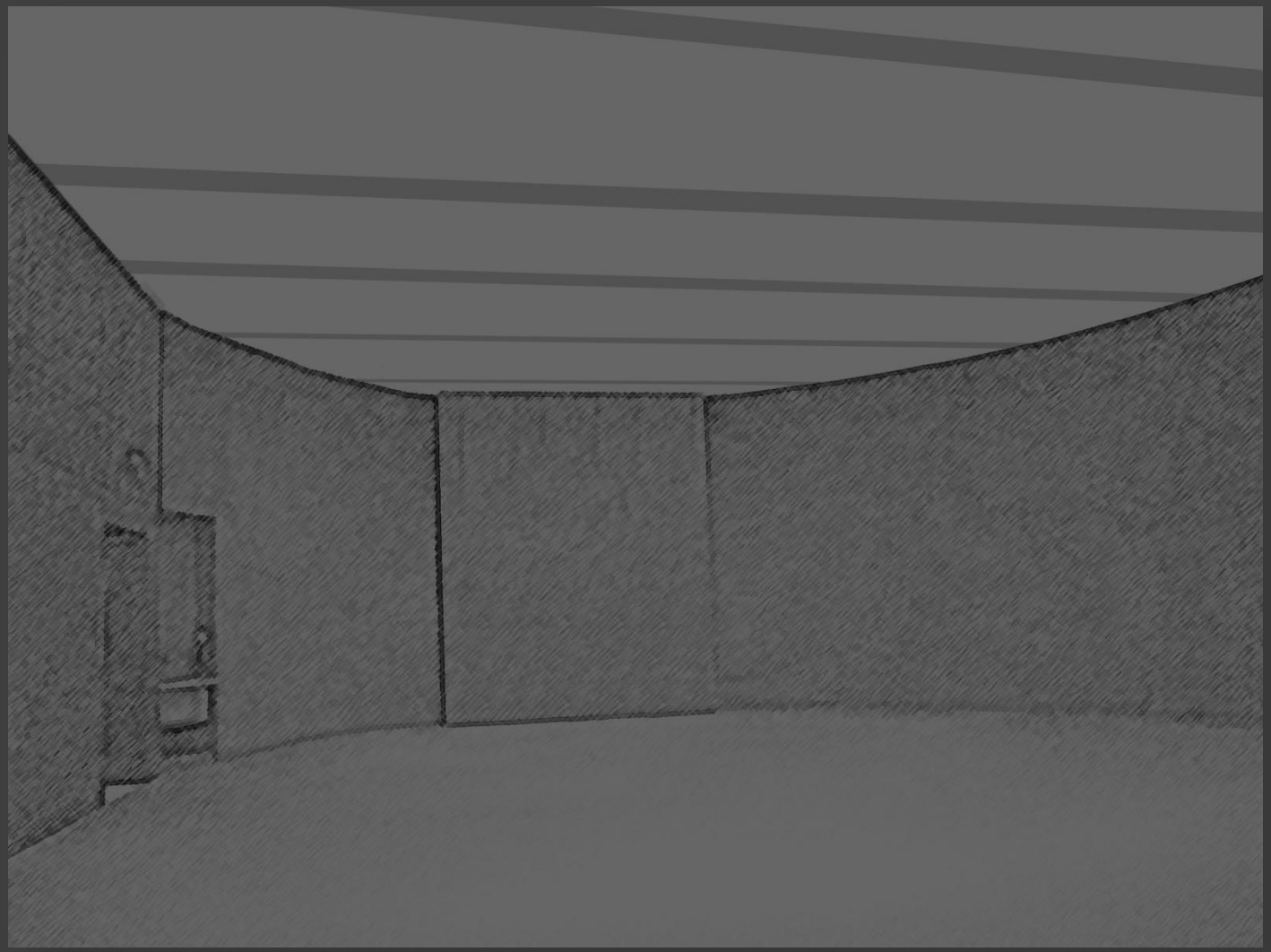

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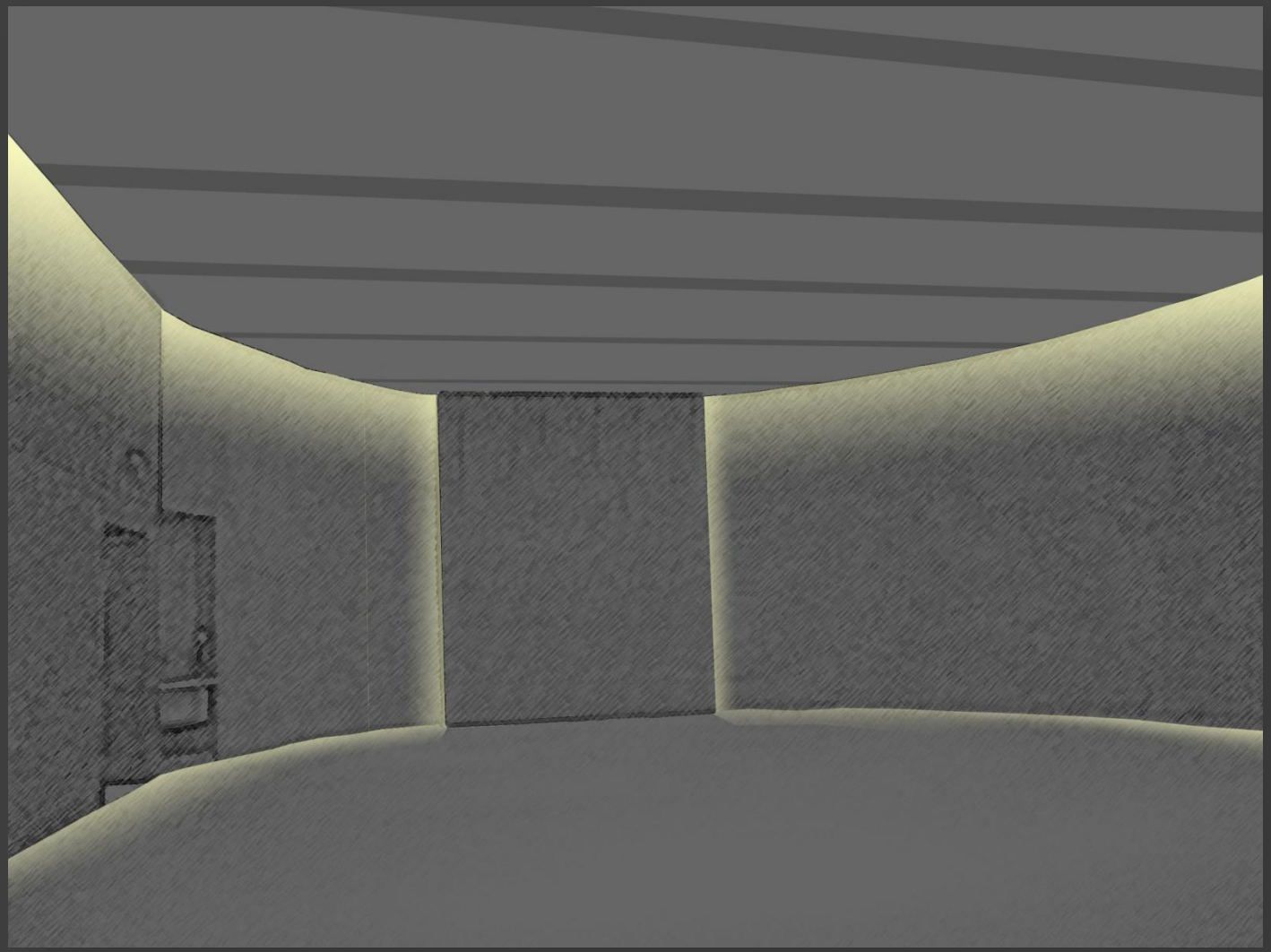

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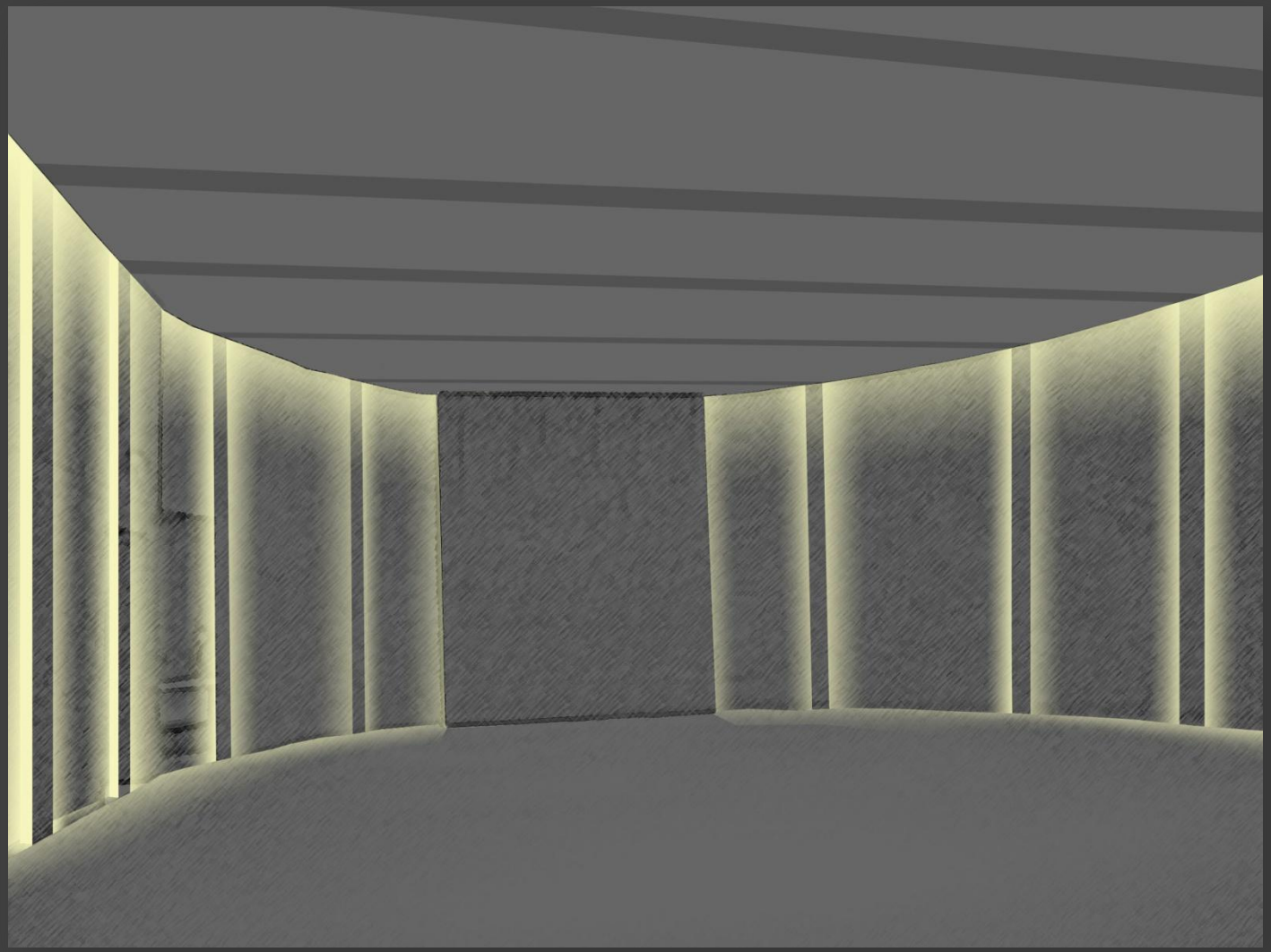

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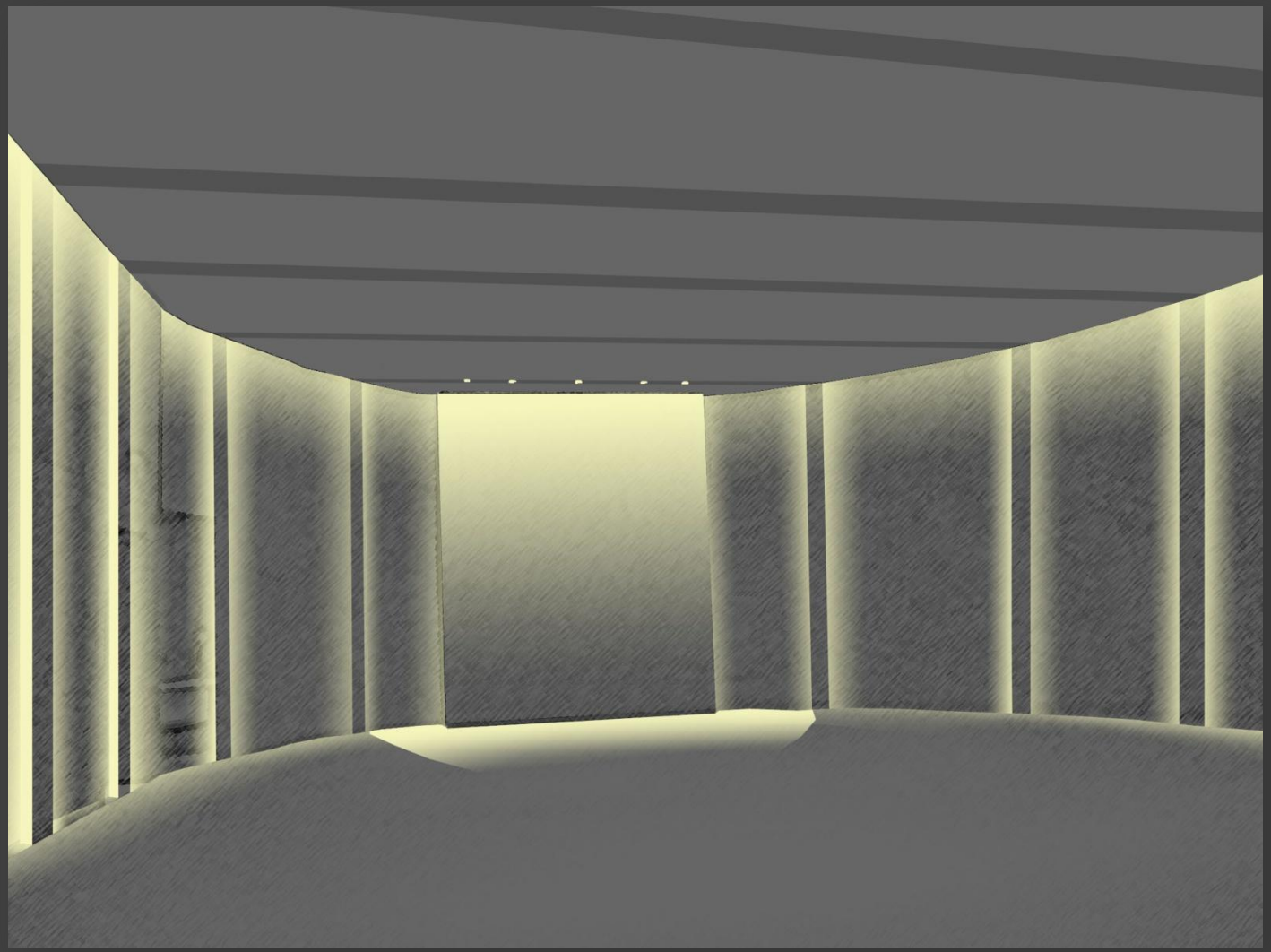

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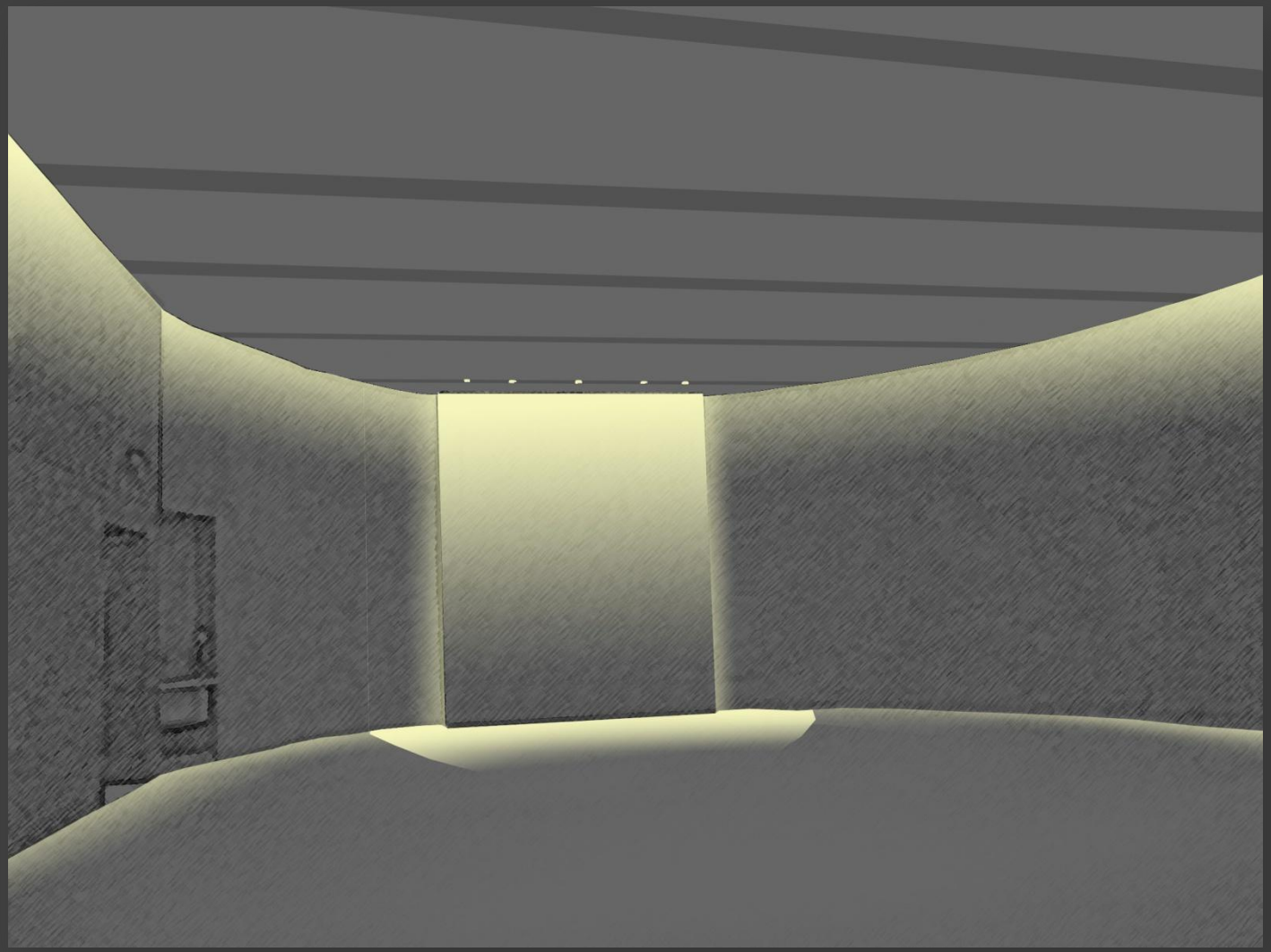

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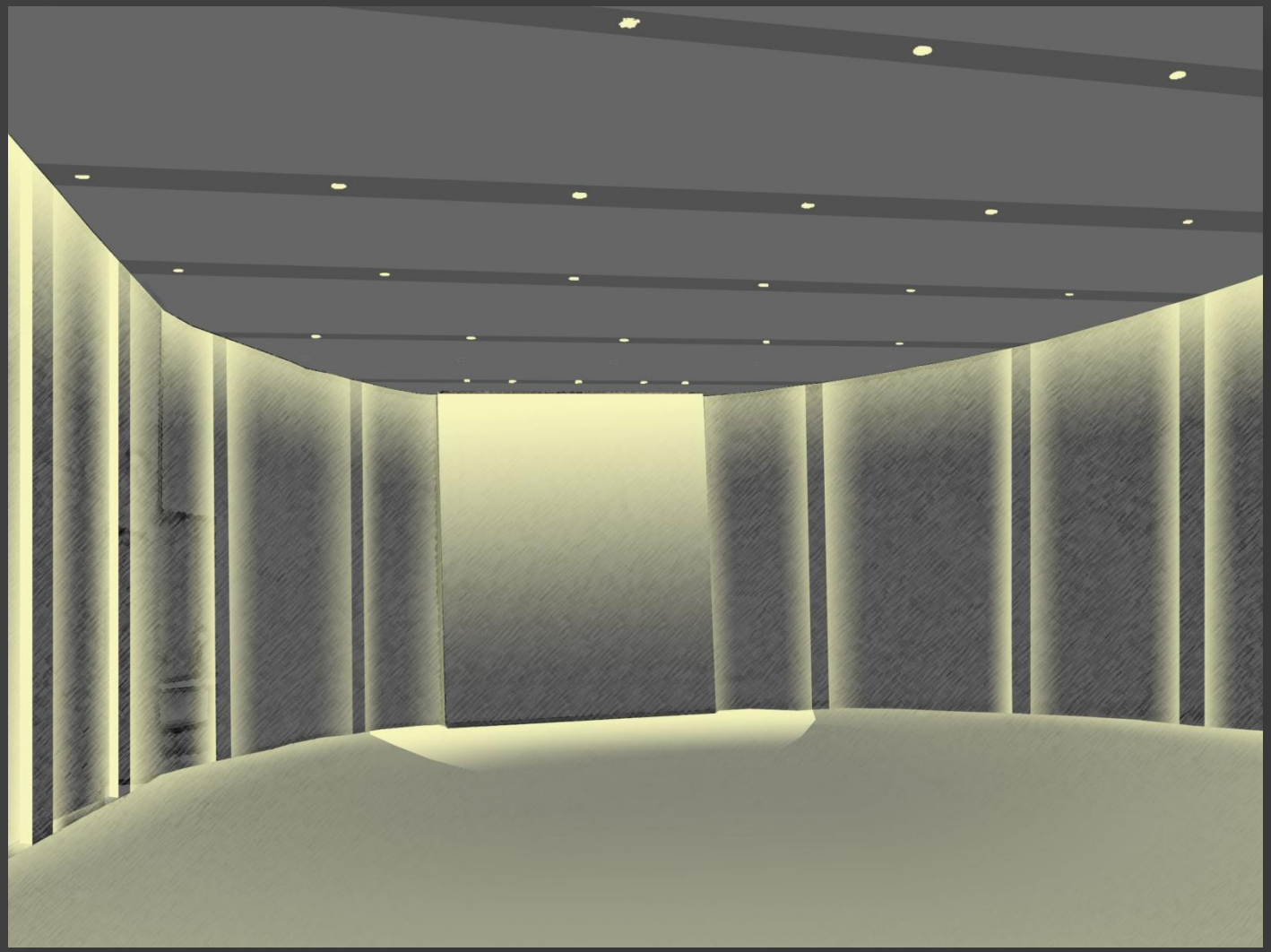

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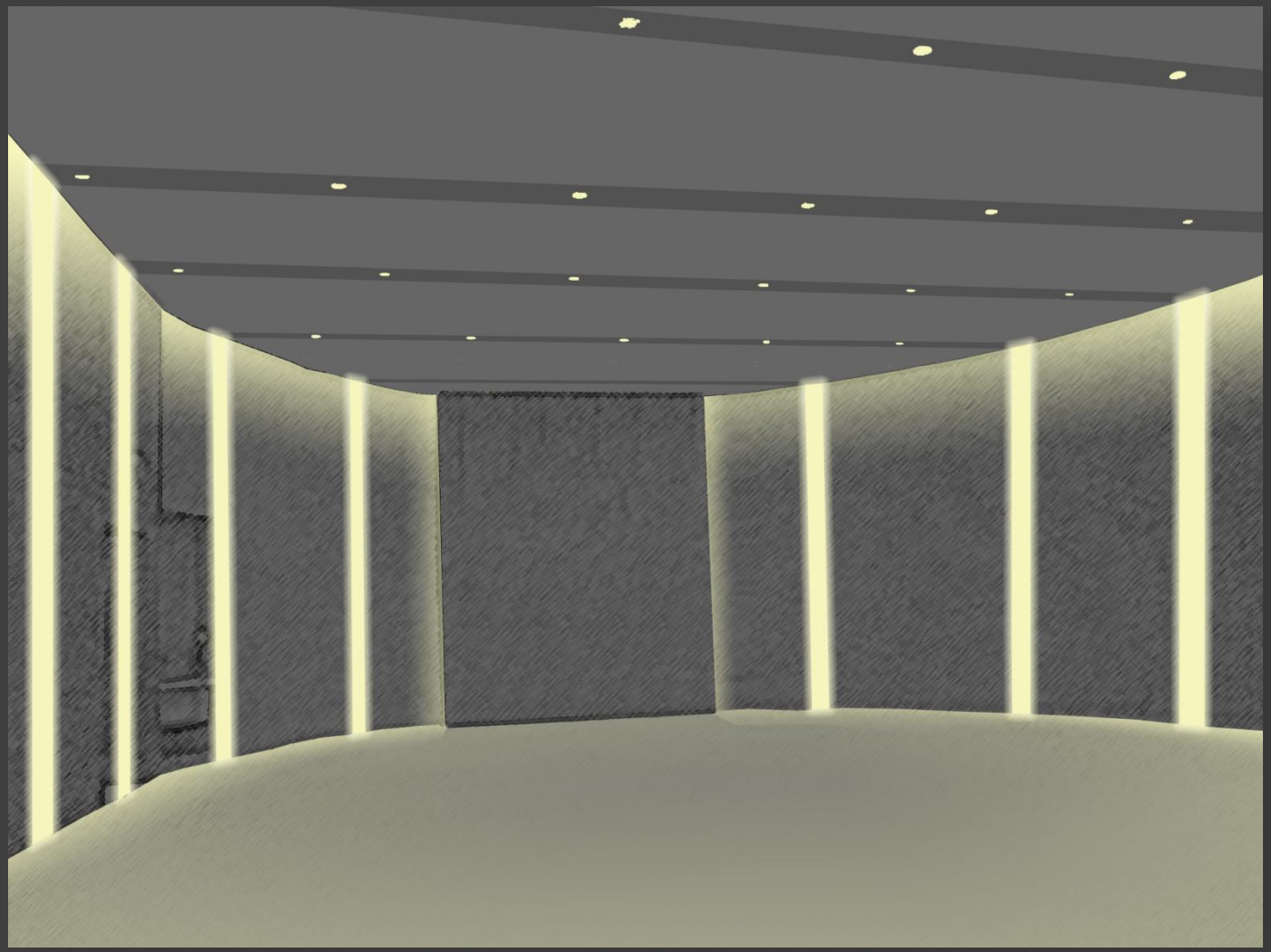
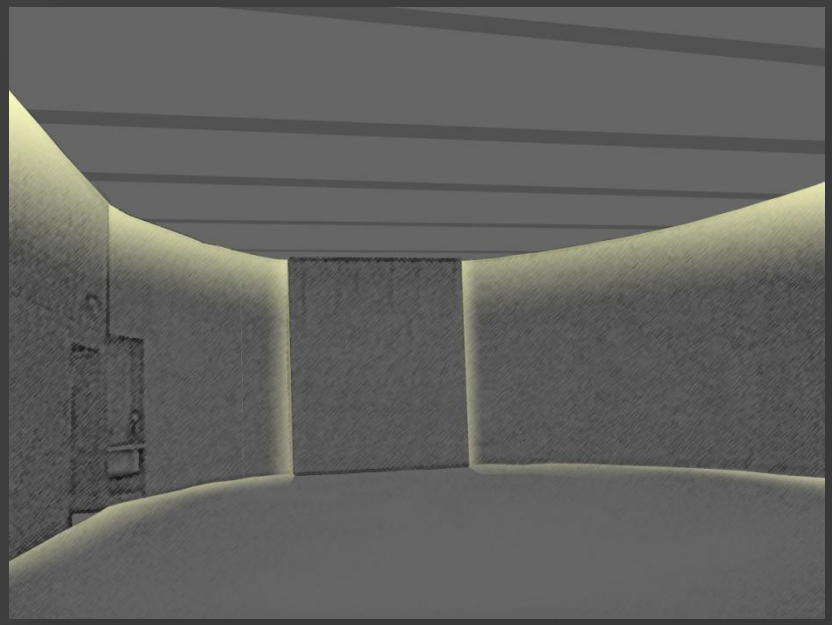
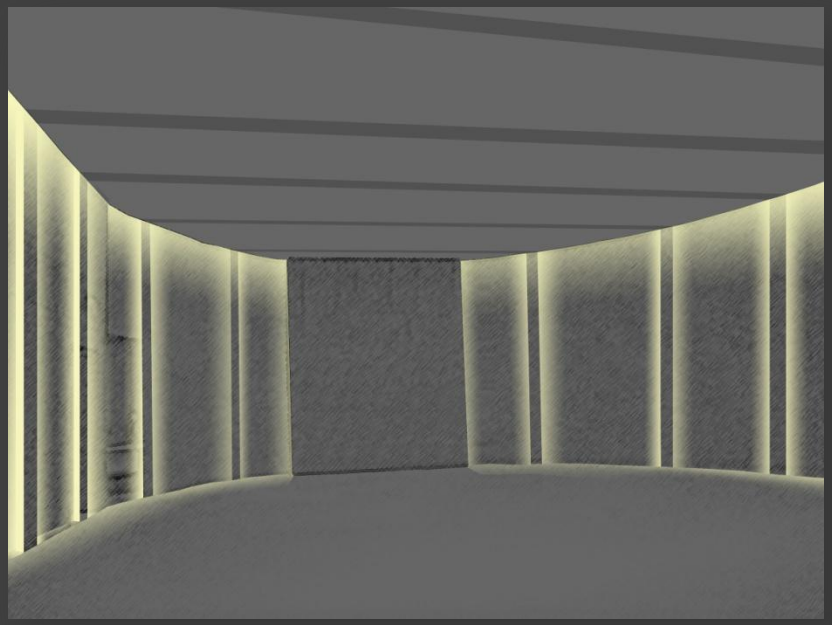
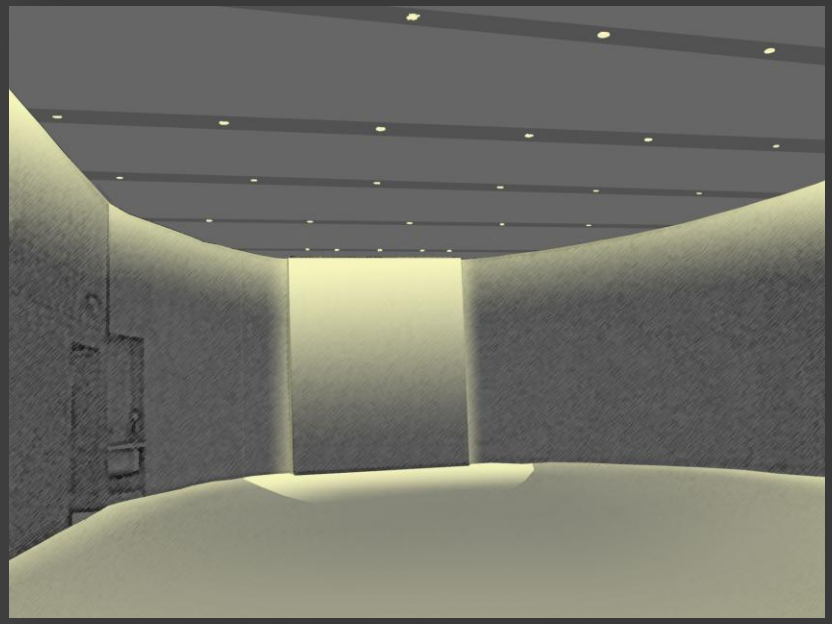
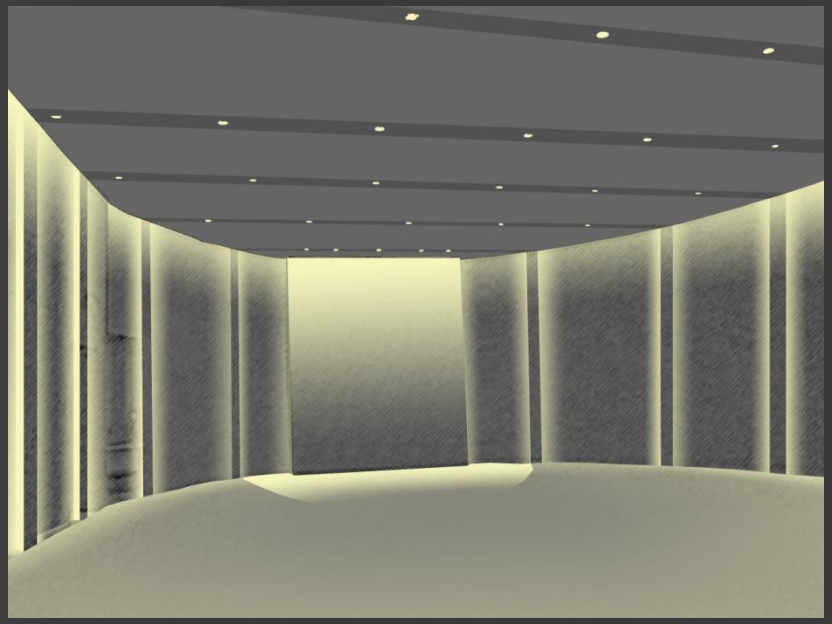


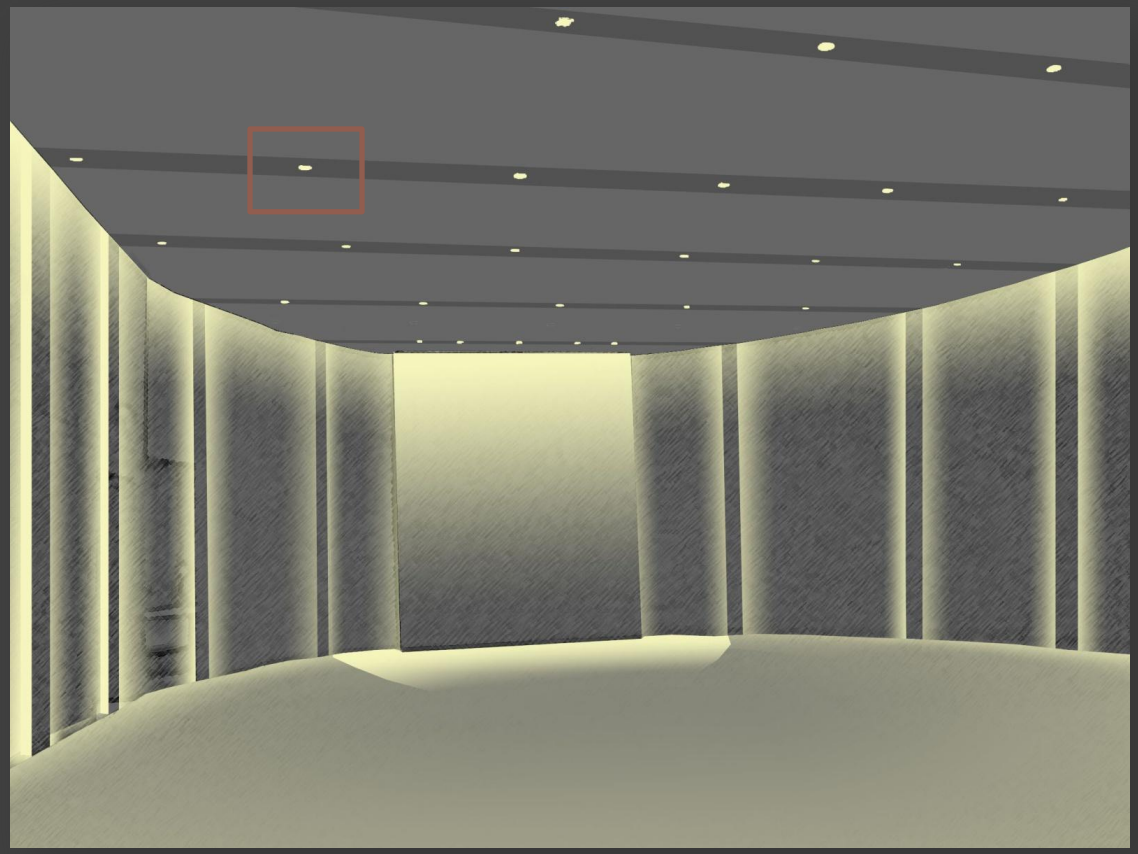








Lighting Equipment



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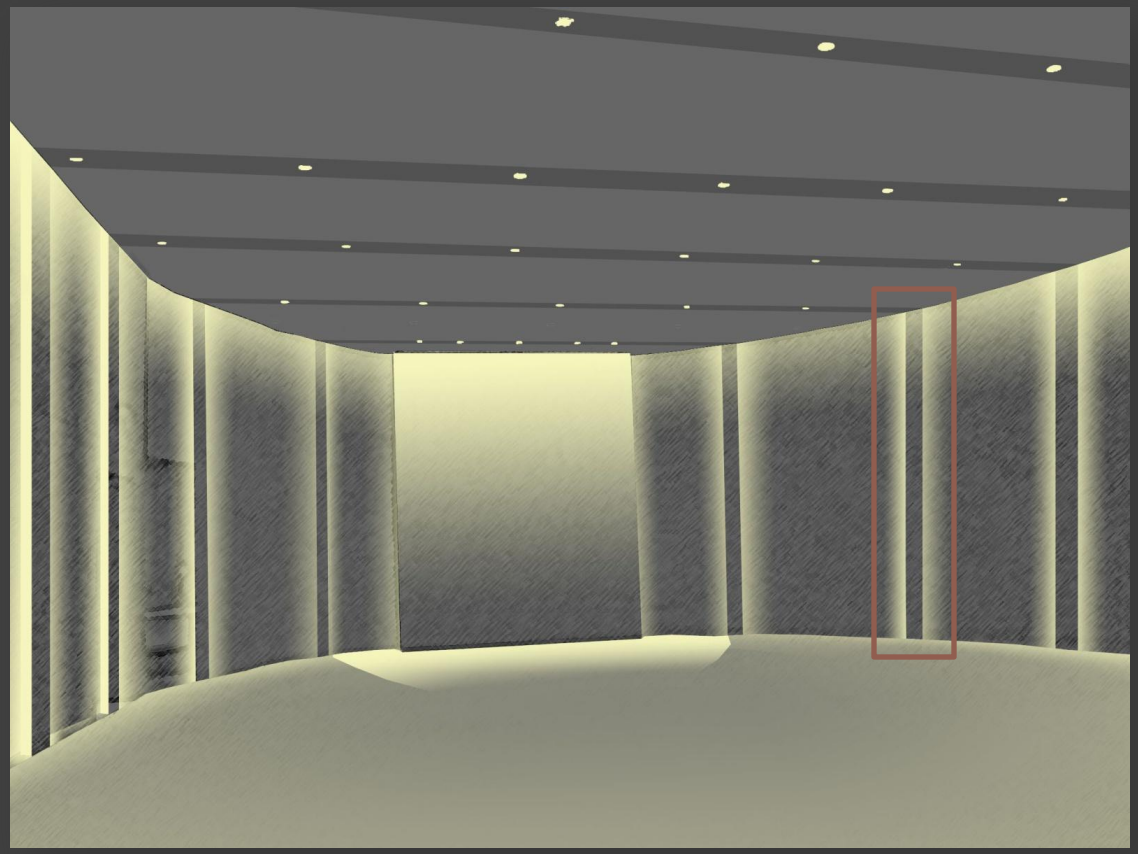

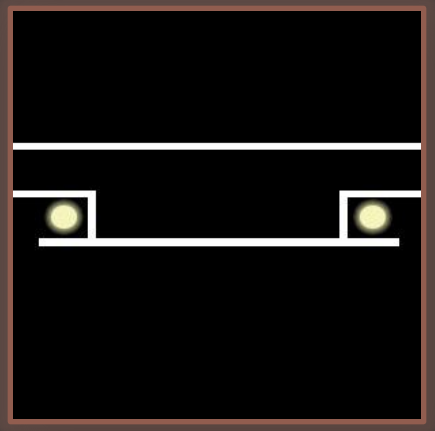

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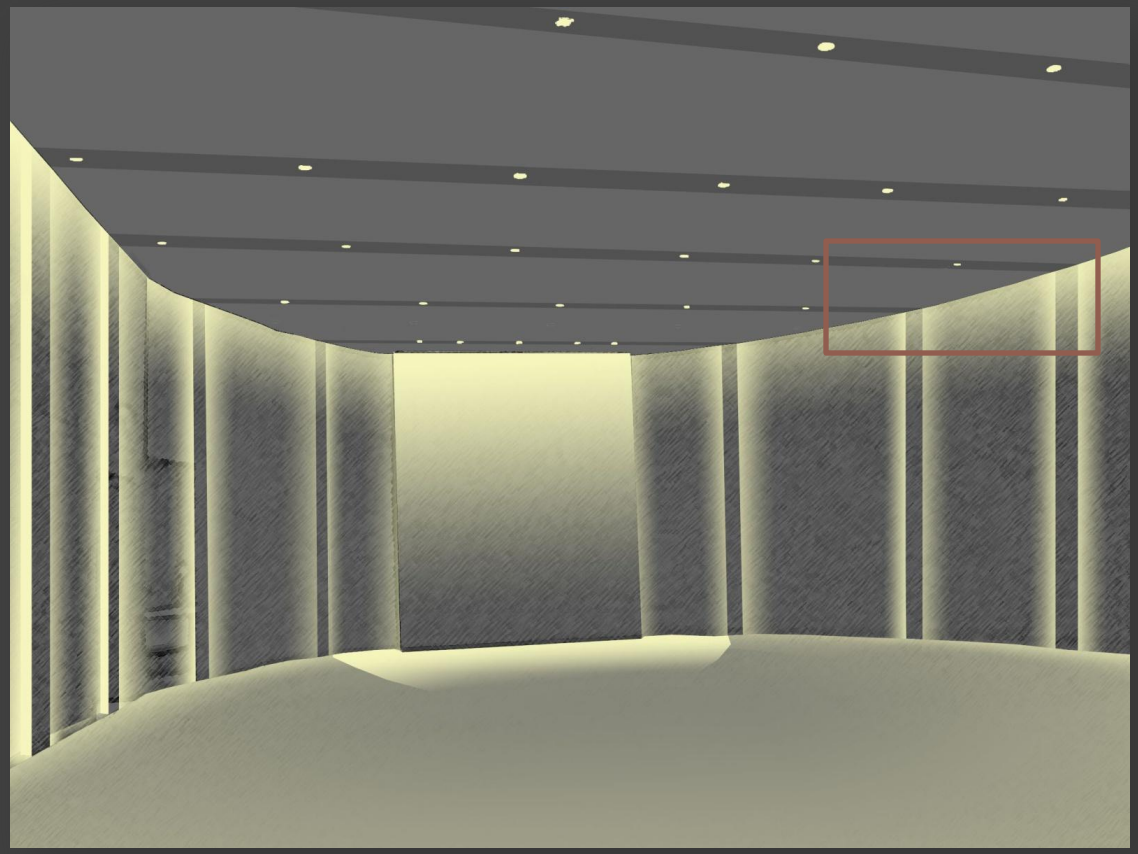


Courtyard

Courtyard

Courtyard | Outdoor Space

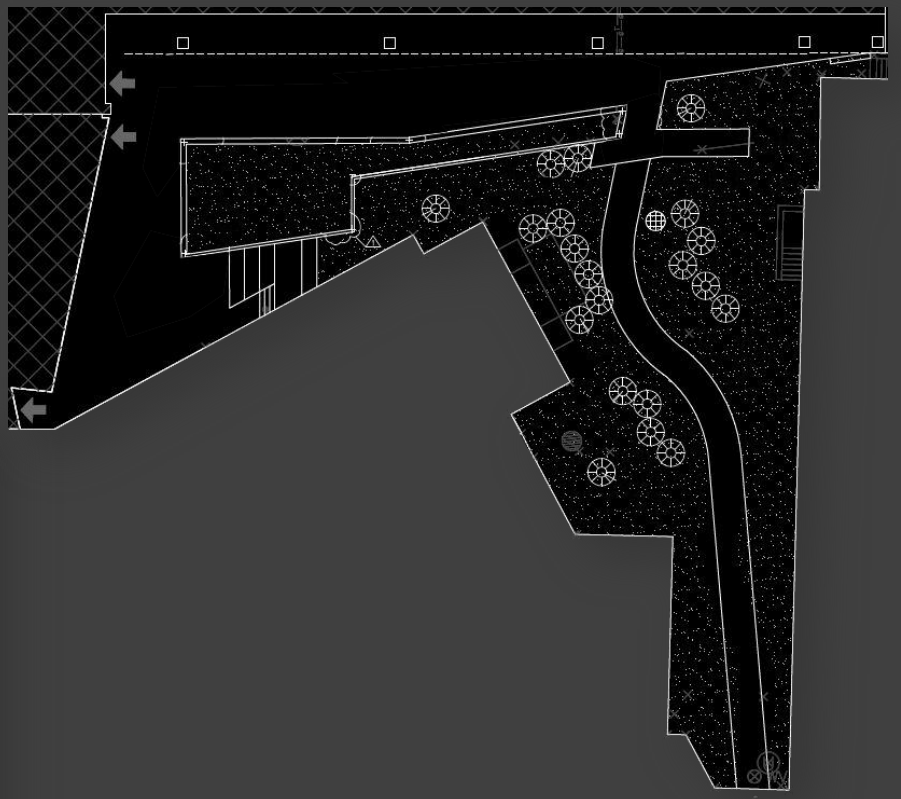
Courtyard

Courtyard | Outdoor Space

Design Considerations

- *Impression* - Create pleasant outdoor environment
- *Security* - Create boundaries
- *Movement* - Define pathways
- *Control* - Limit glare and spill
- *Hierarchies* - Highlight landscaping

Schematic Design



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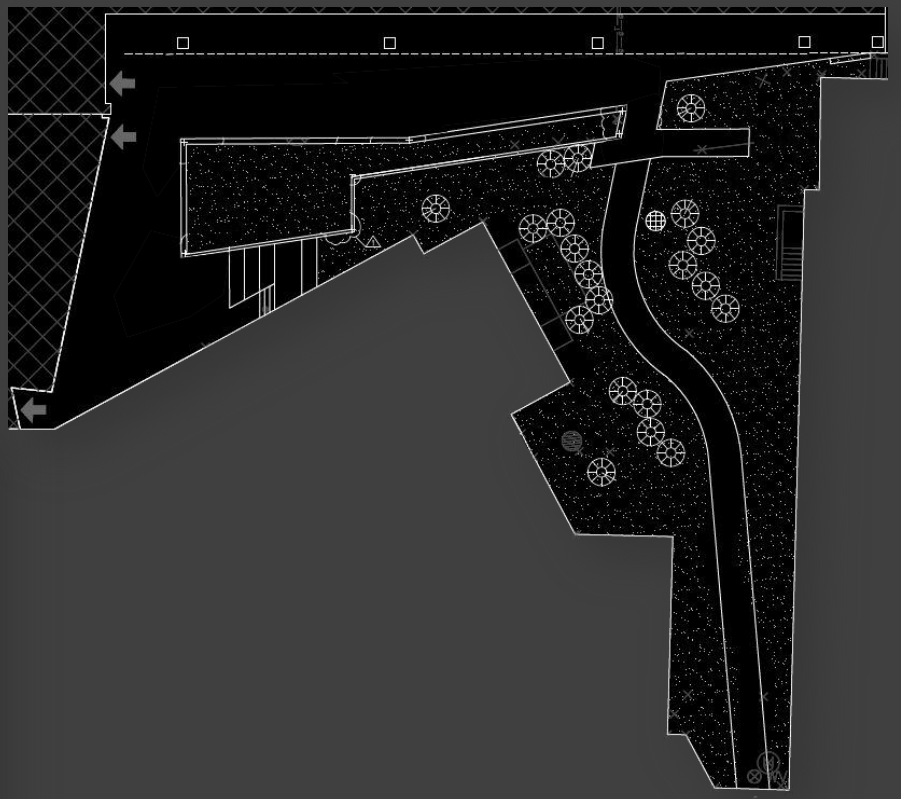

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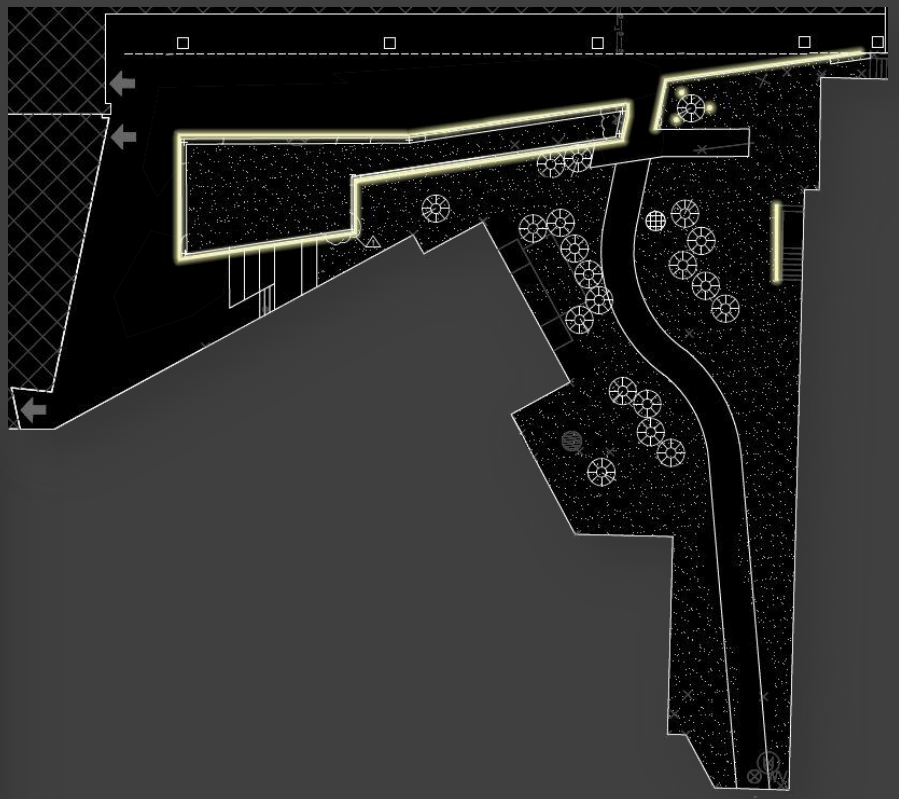

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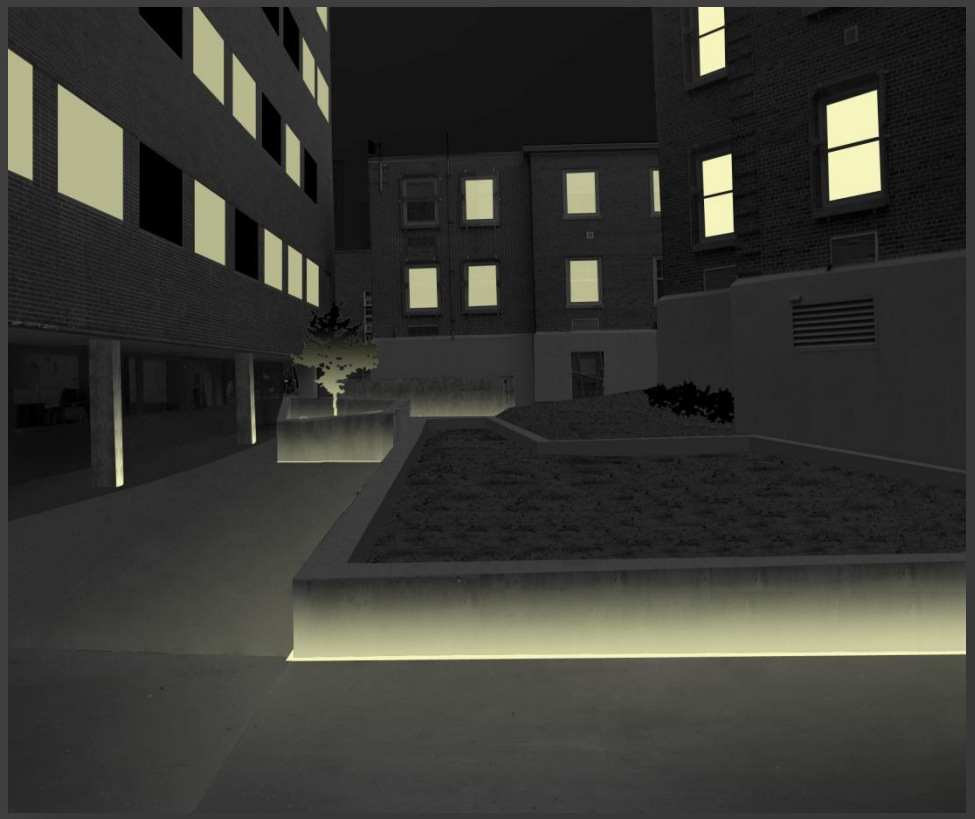

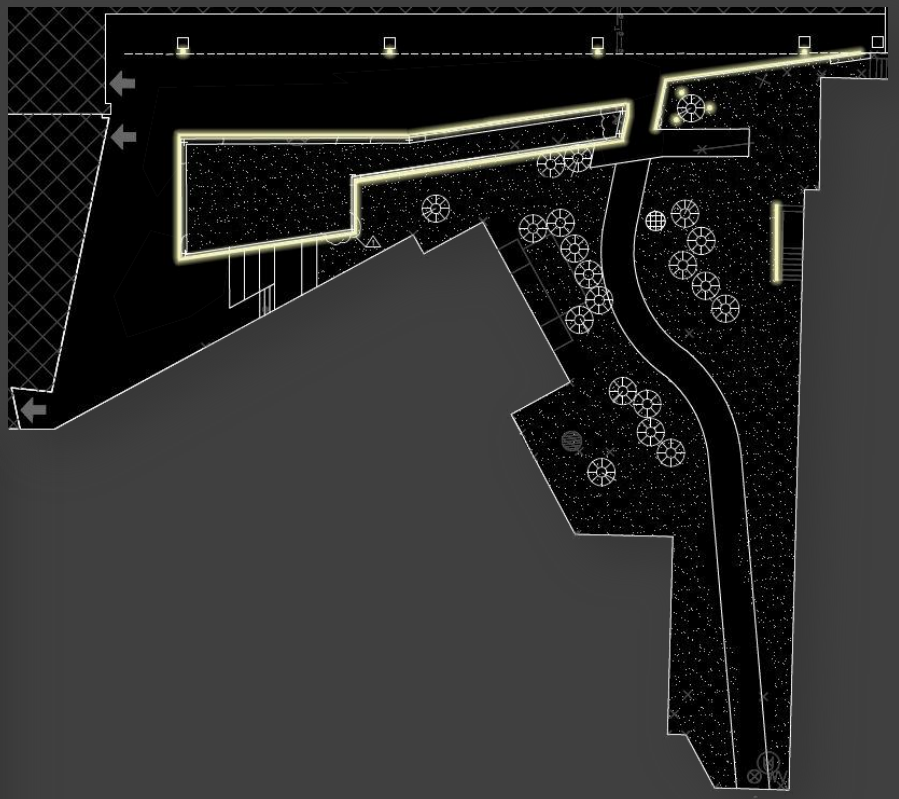

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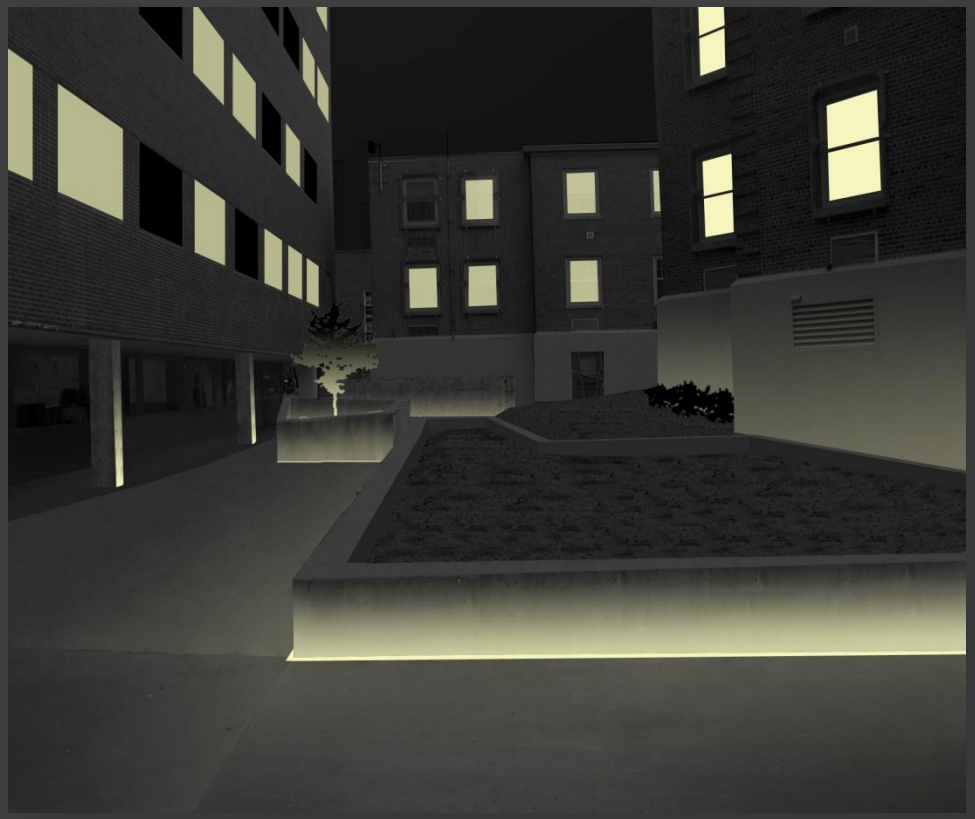

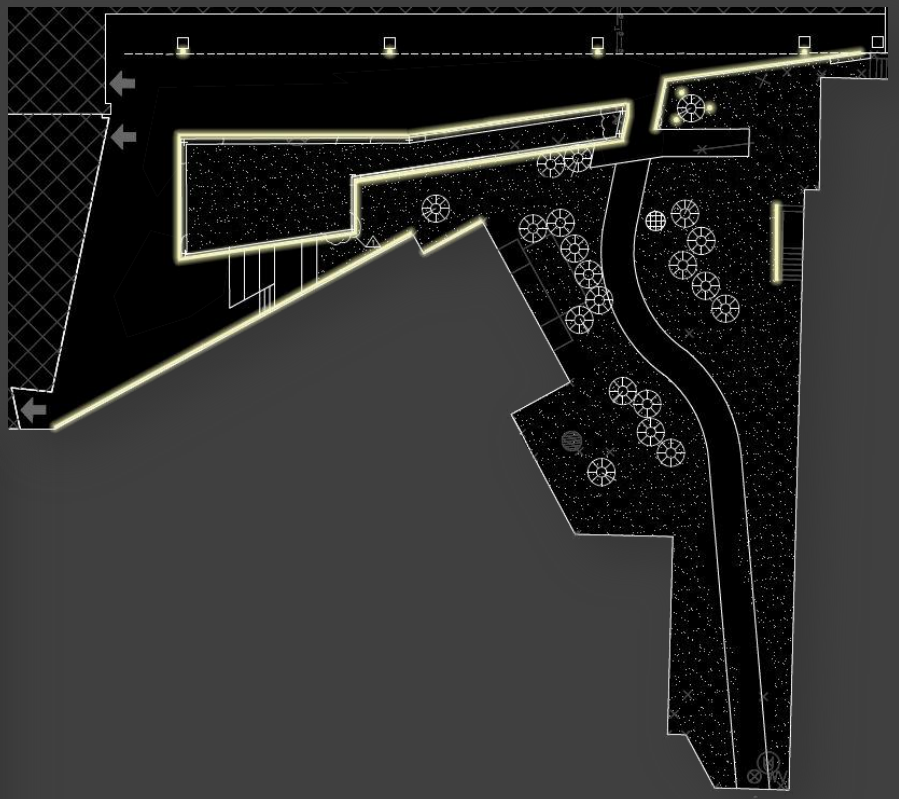

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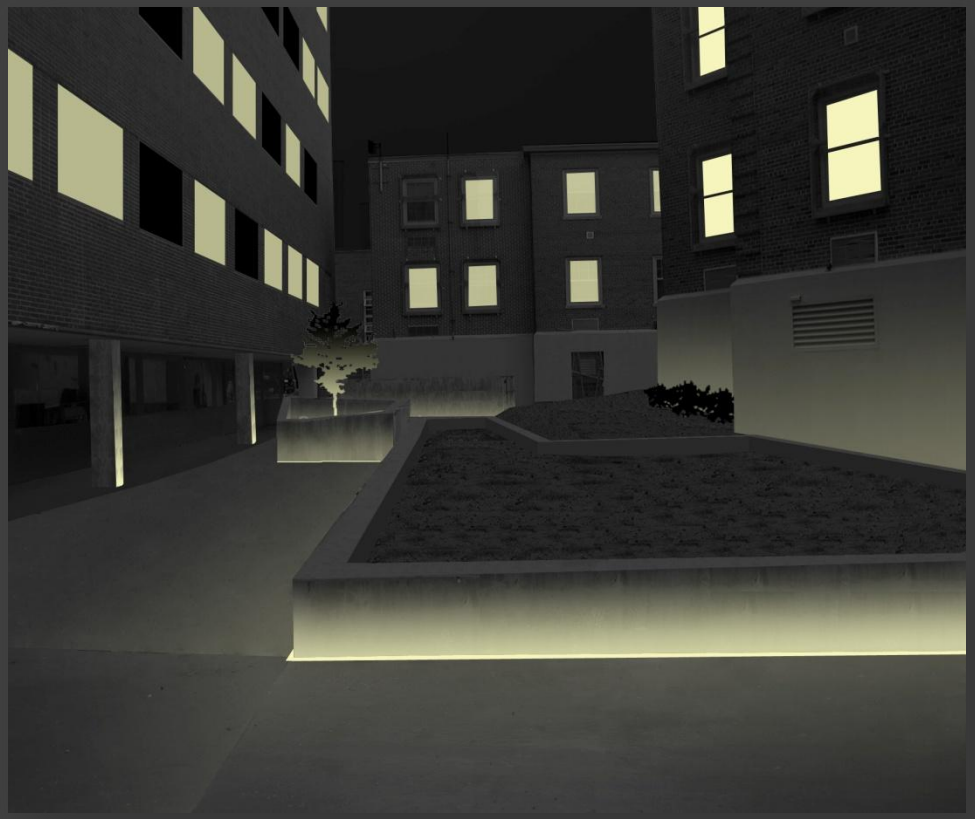

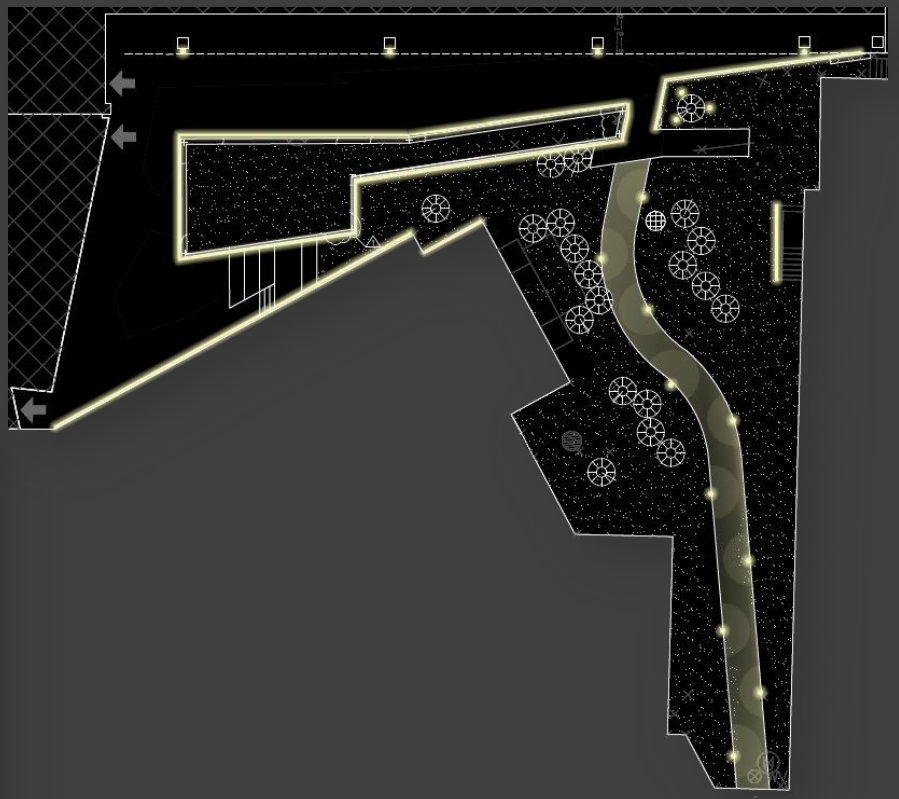

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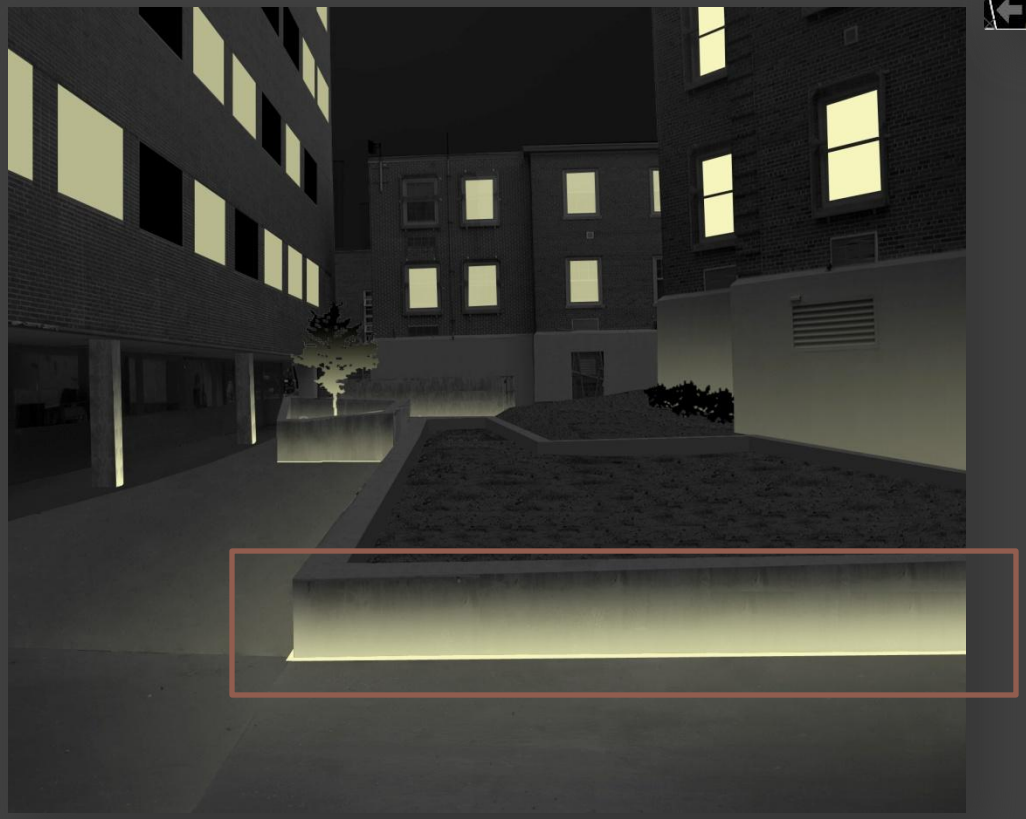

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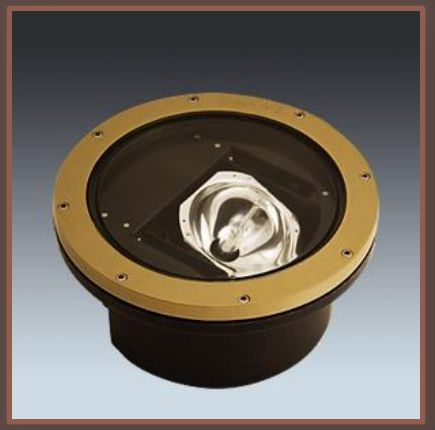

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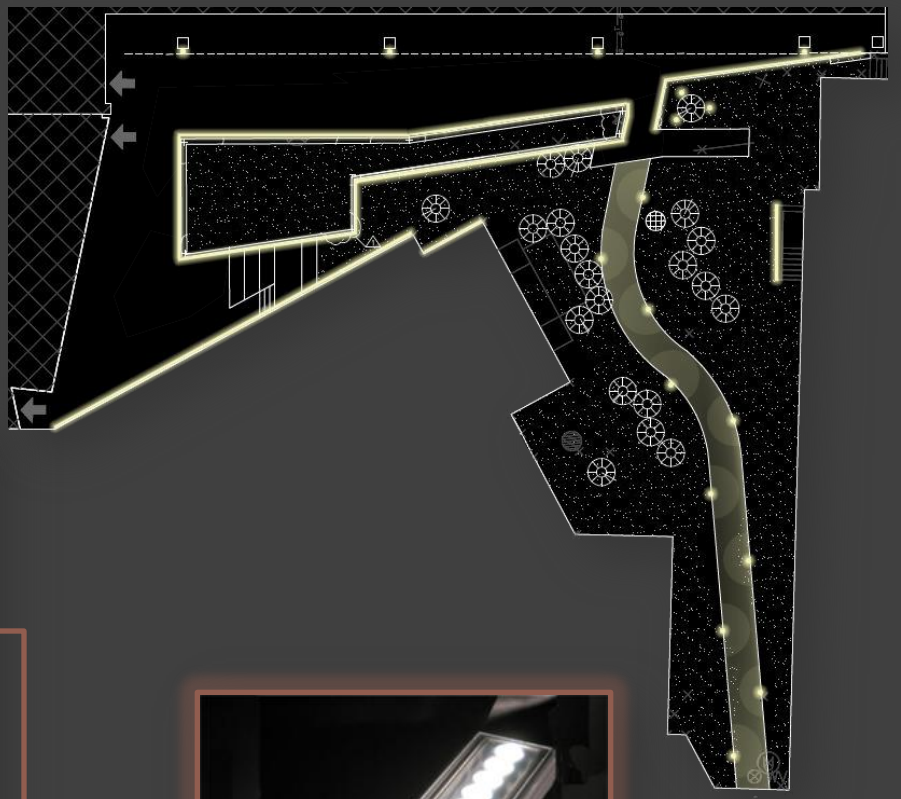
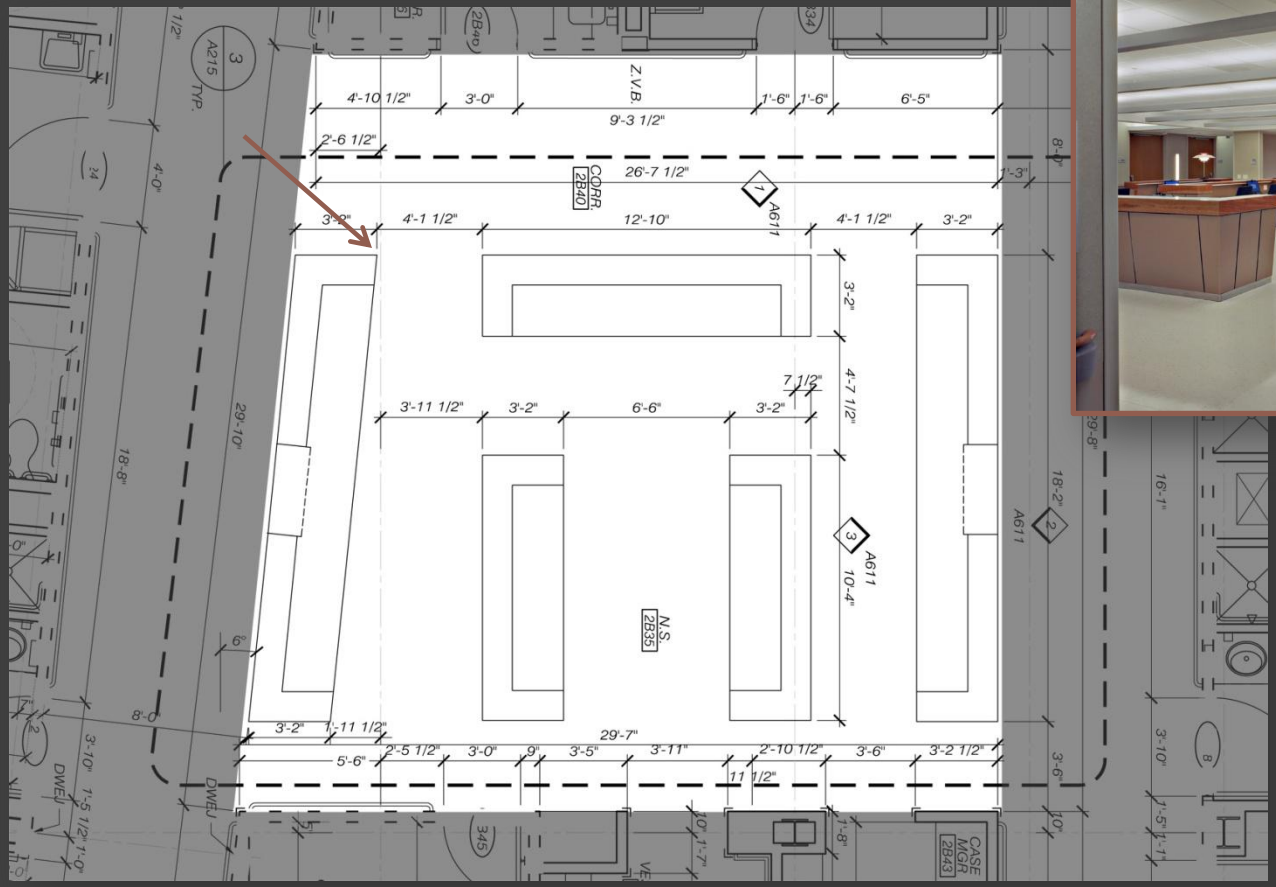


Nurses Station

Nurses Station

Nurses Station | Large Work Space

Nurses Station



Nurses Station | Large Work Space

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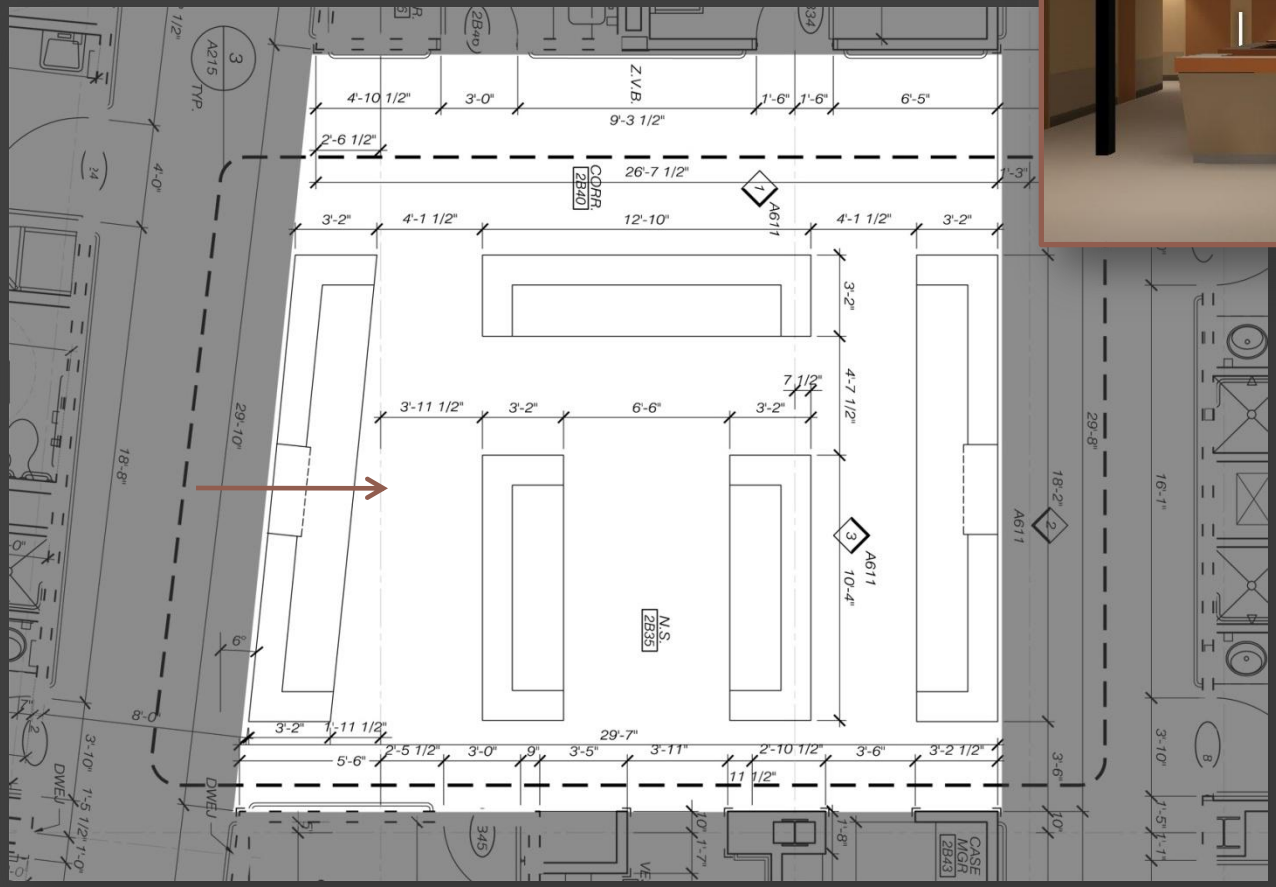

Nurses Station | Large Work Space

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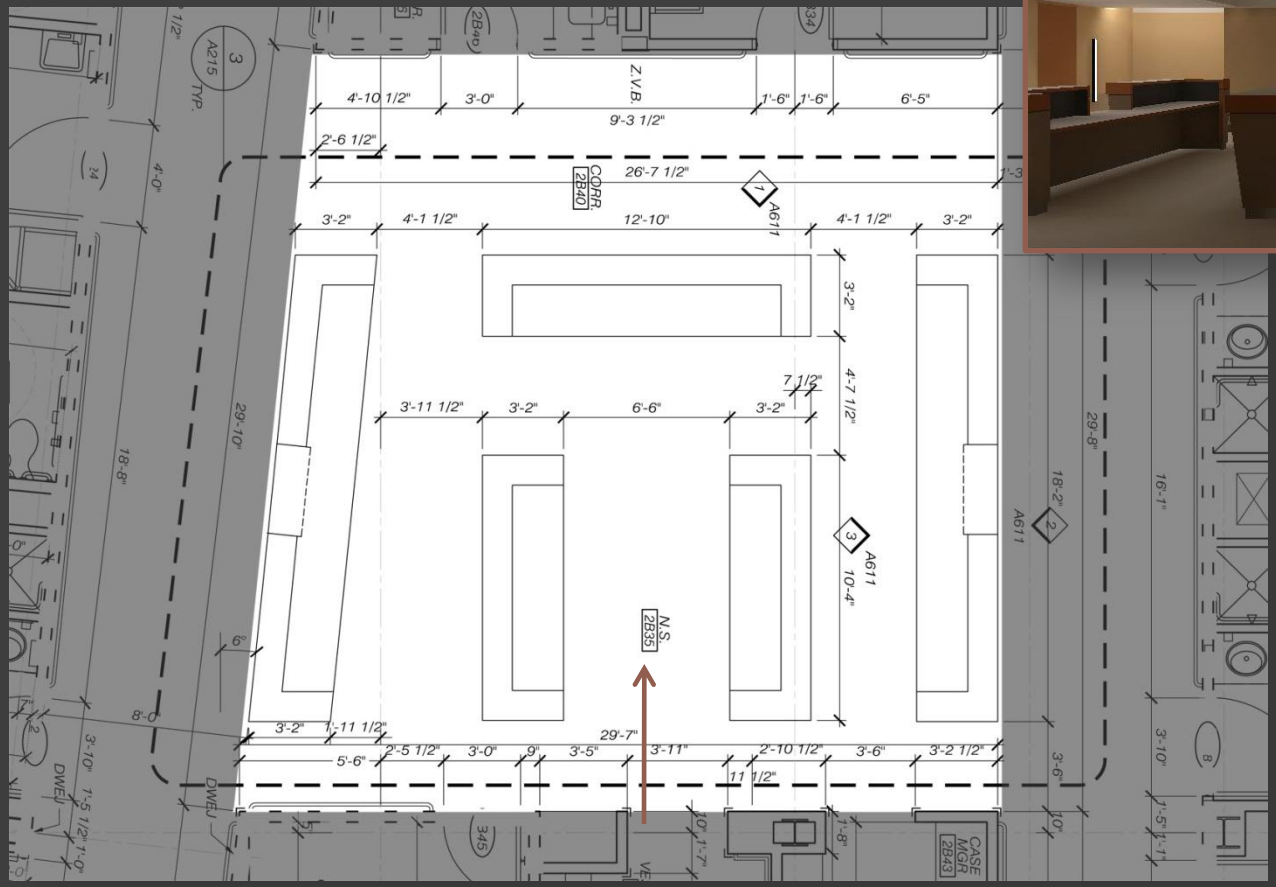

Nurses Station | Large Work Space

Design Considerations

- *Function* - Design to adequate illuminance levels
- *Impression* - Create spacious, clear
- *Appearance* - Consider color rendering and facial modeling
- *Comfort* - Minimize glare
- *Flexibility* - Design for day and night

Schematic Design

Schematic Design

Schematic Design

Schematic Design

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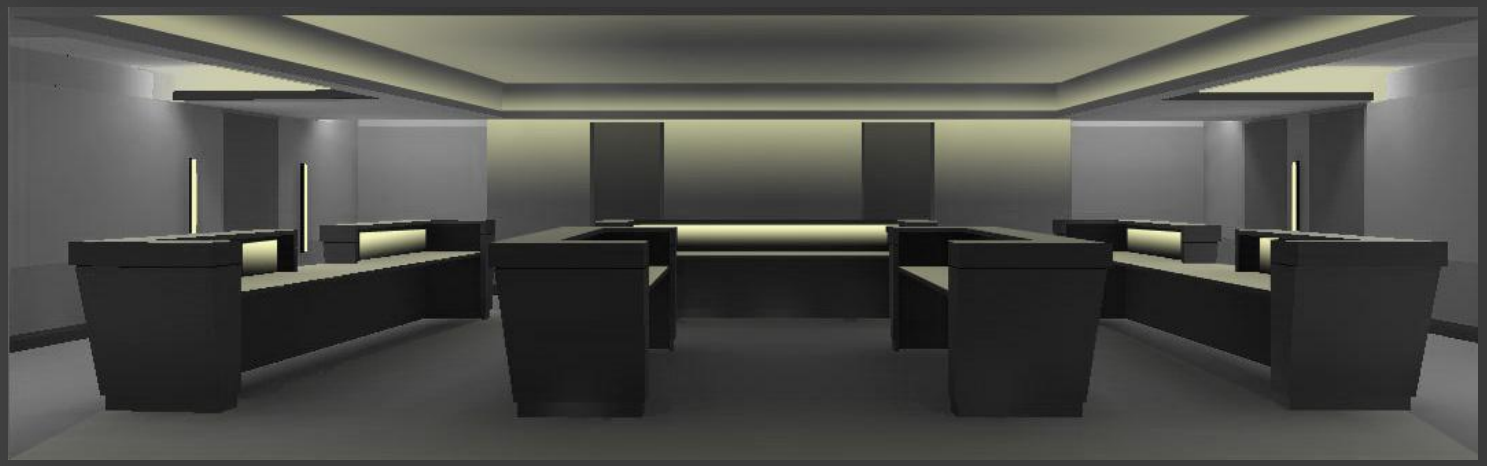

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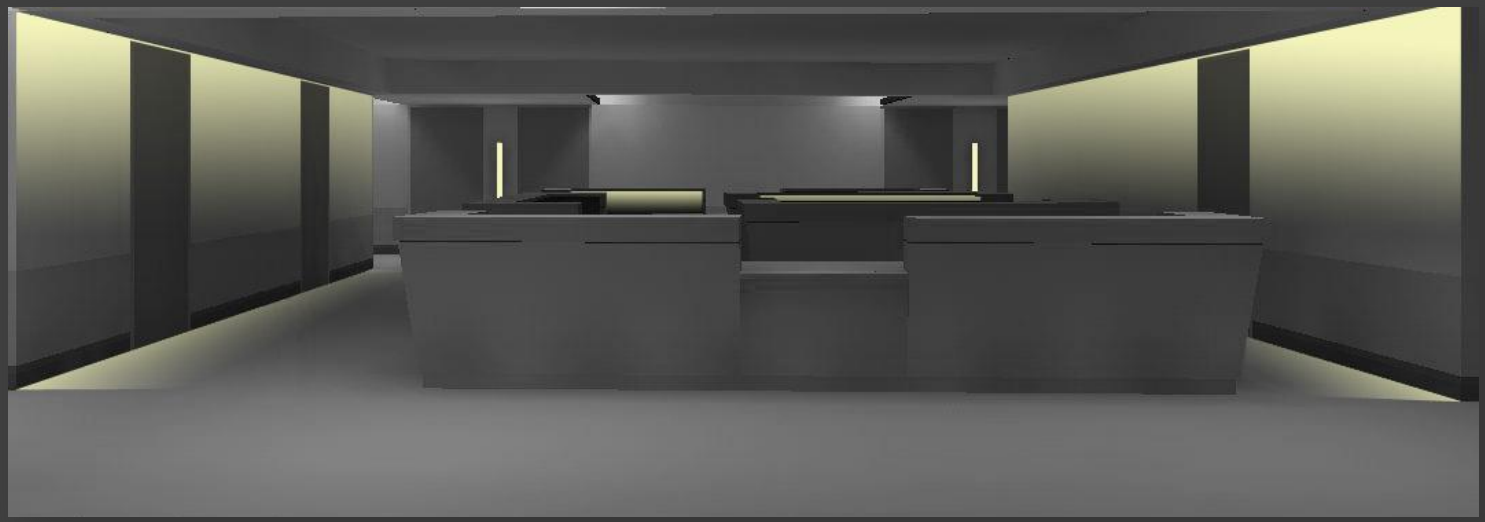
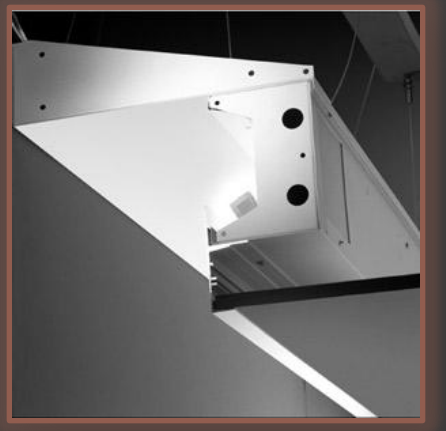
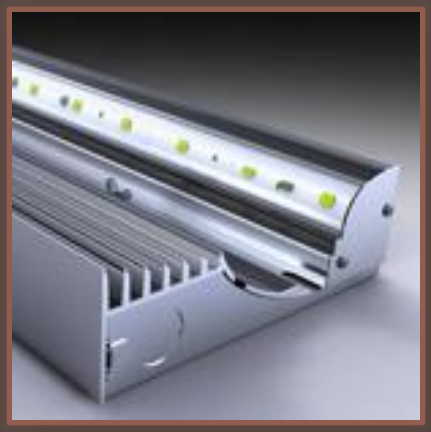


Lighting Equipment



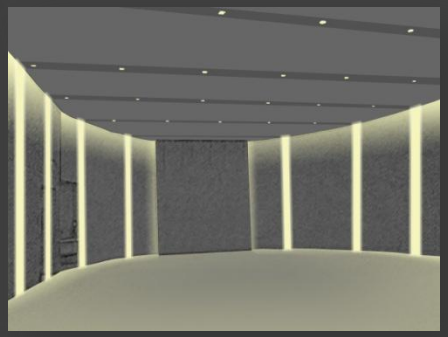
Lighting Equipment



Lighting Equipment

Lighting Design Goals

- Create relaxing and welcoming environments
- Create a crisp, modern appearance
- Accentuate architecture
- Address the individual needs of each space



Questions & Comments

Carl Speroff

December 8, 2010