

New York Times Building

New York, NY



Dan Cox

Schematic Design Proposal - December 5th, 2009

Outline:

To be discussed

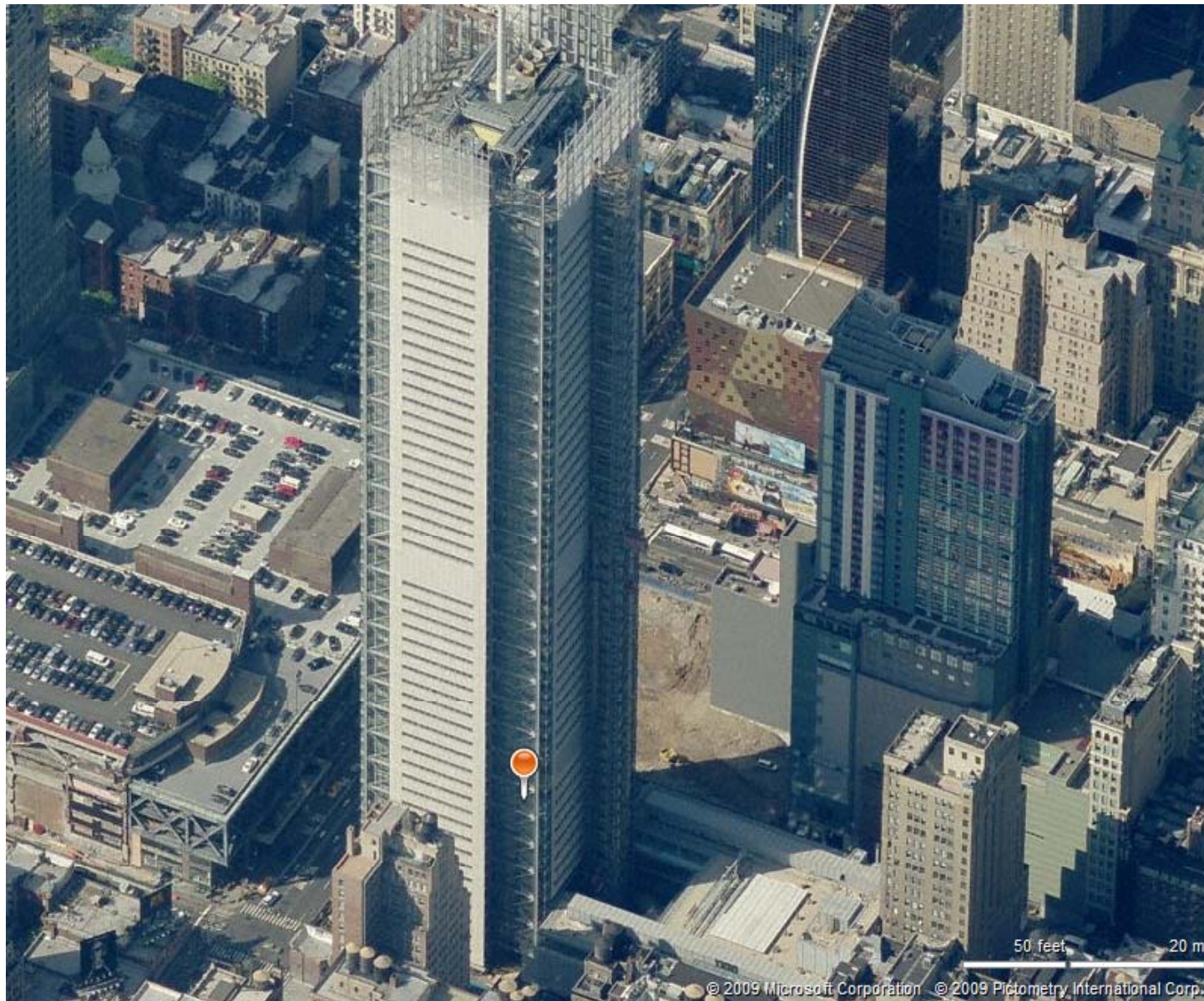
- 1) Brief Building Overview
- 2) Location
- 3) Lobby Design
- 4) Café Design
- 5) Office Design
- 6) Day Lighting Considerations
- 7) Façade Design

Brief Overview

- Location:
New York, NY
- Square Footage:
1.6 Million Square Feet
- Height:
52 Stories
- Budget:
≈\$1 billion
- Construction:
Completed Nov. 07



Location



Overview – **Location** – Approach – Lobby – Café – Office – Daylighting – Façade

Approach

“The story of this building is one of lightness and transparency.”

Renzo Piano
Architect



Philip Johnson's Glass House

-Photo by Eirik Johnson

Lobby

Design Considerations:

- Security – Facial features
- Ease of flow and circulation
- Keep open feel
- Use lighting to direct people to Elevators

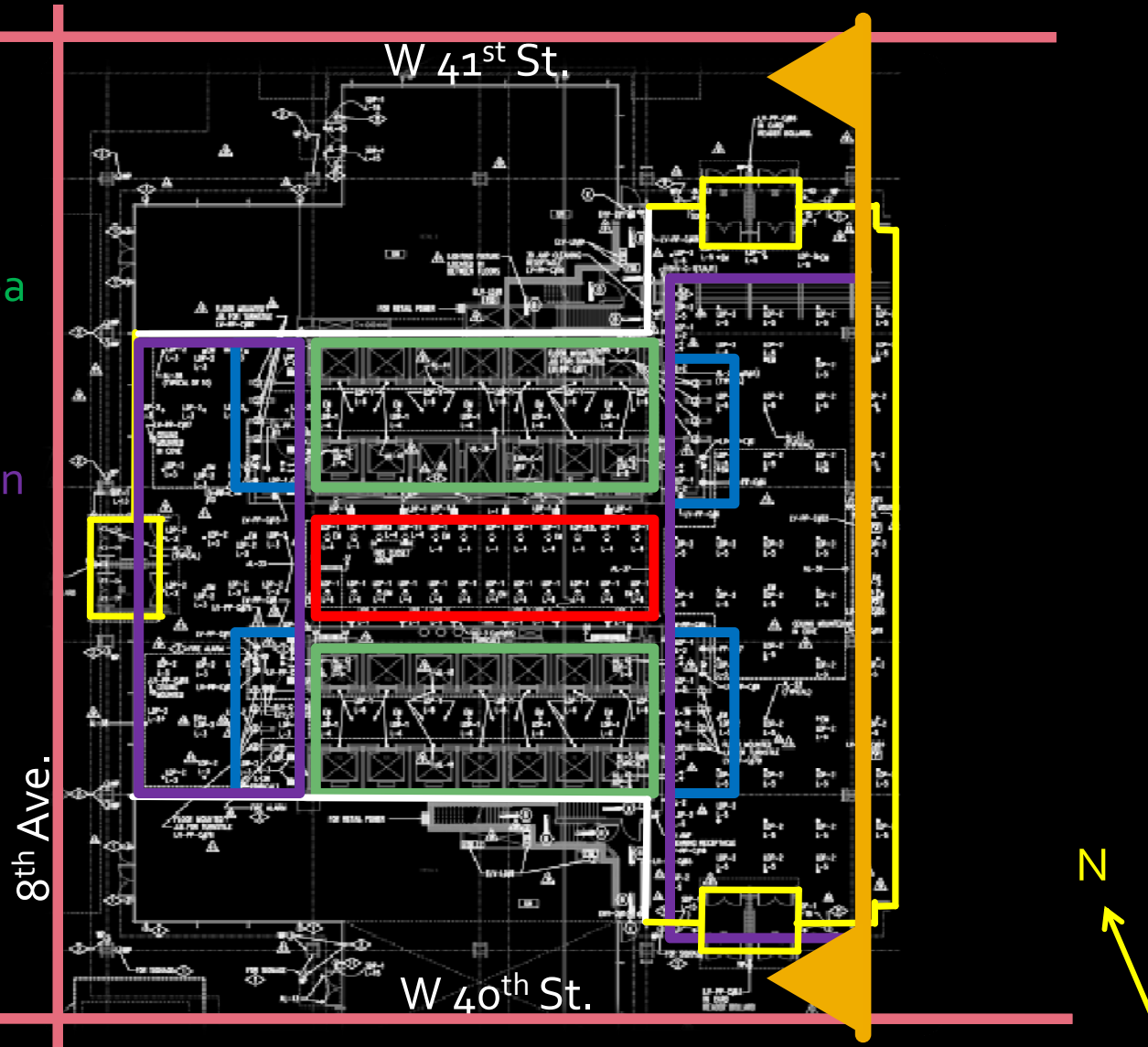
Lobby

Security

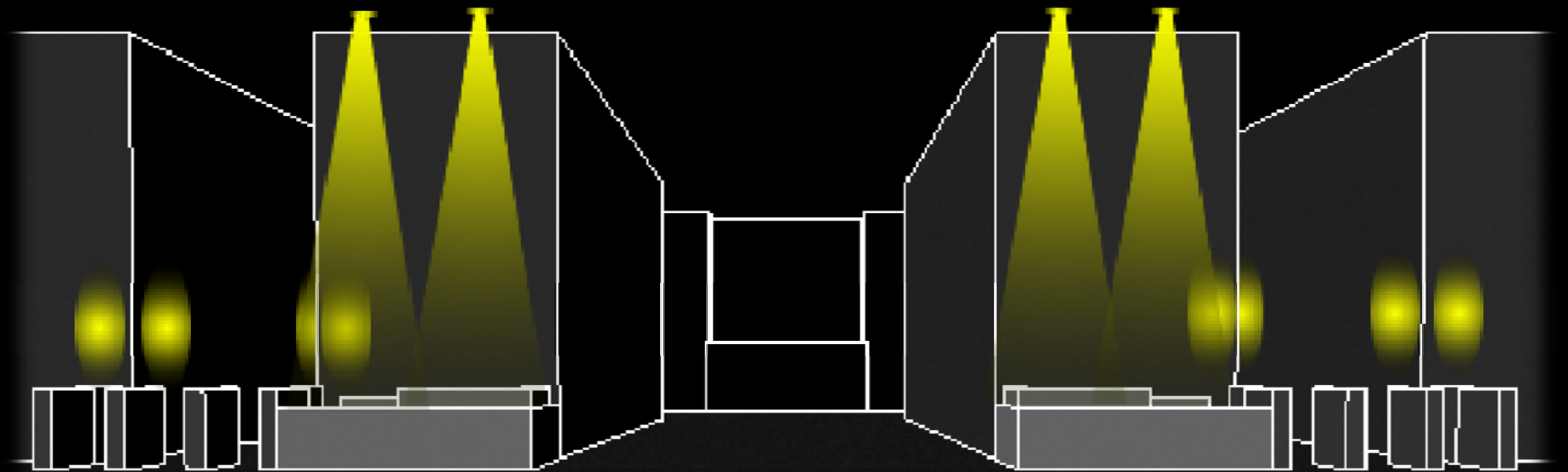
Elevator Waiting Area

Circulation Area

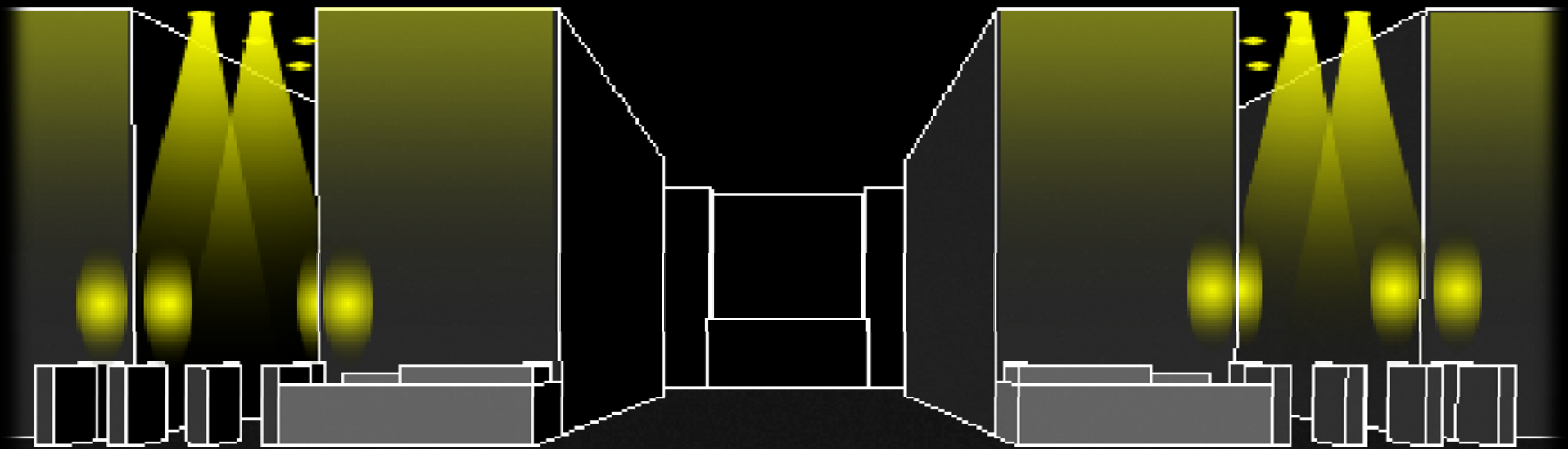
Gathering/Circulation



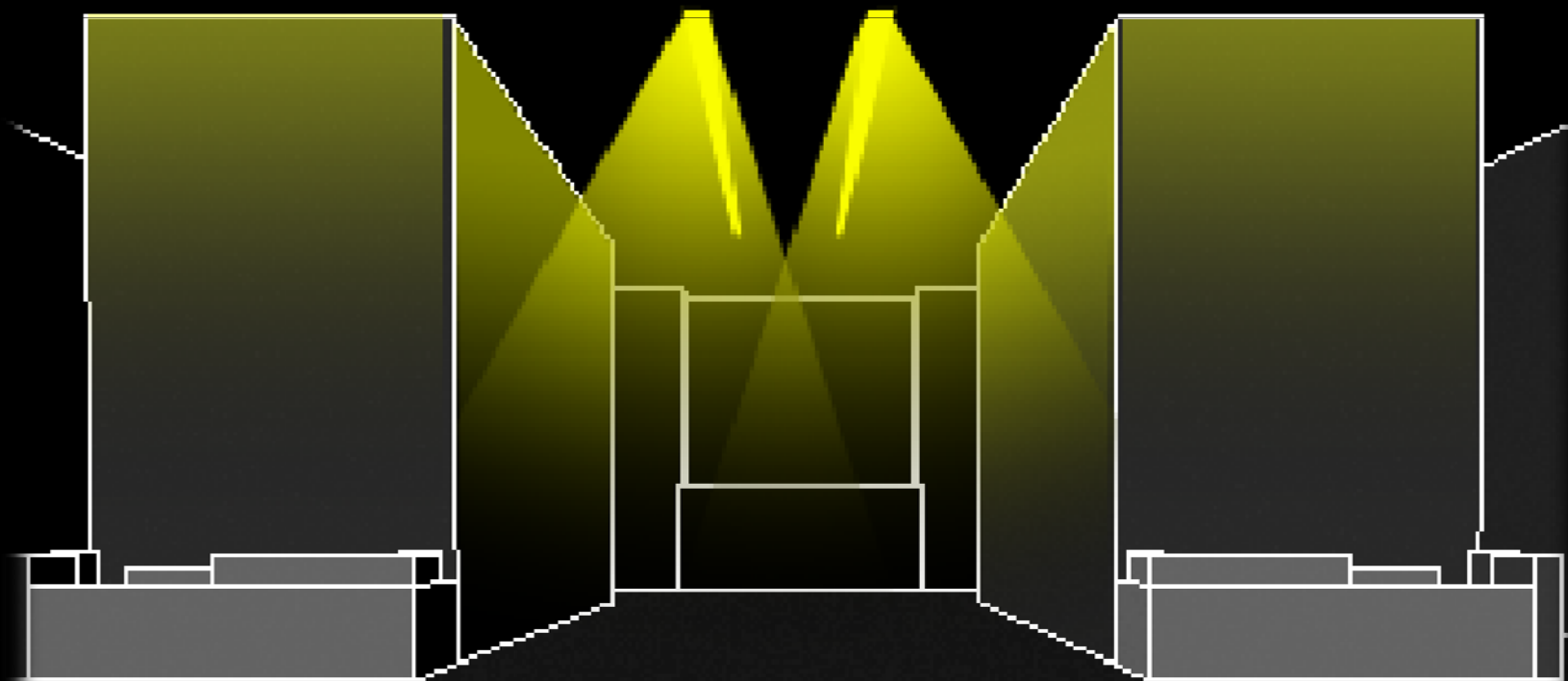
Lobby - Security



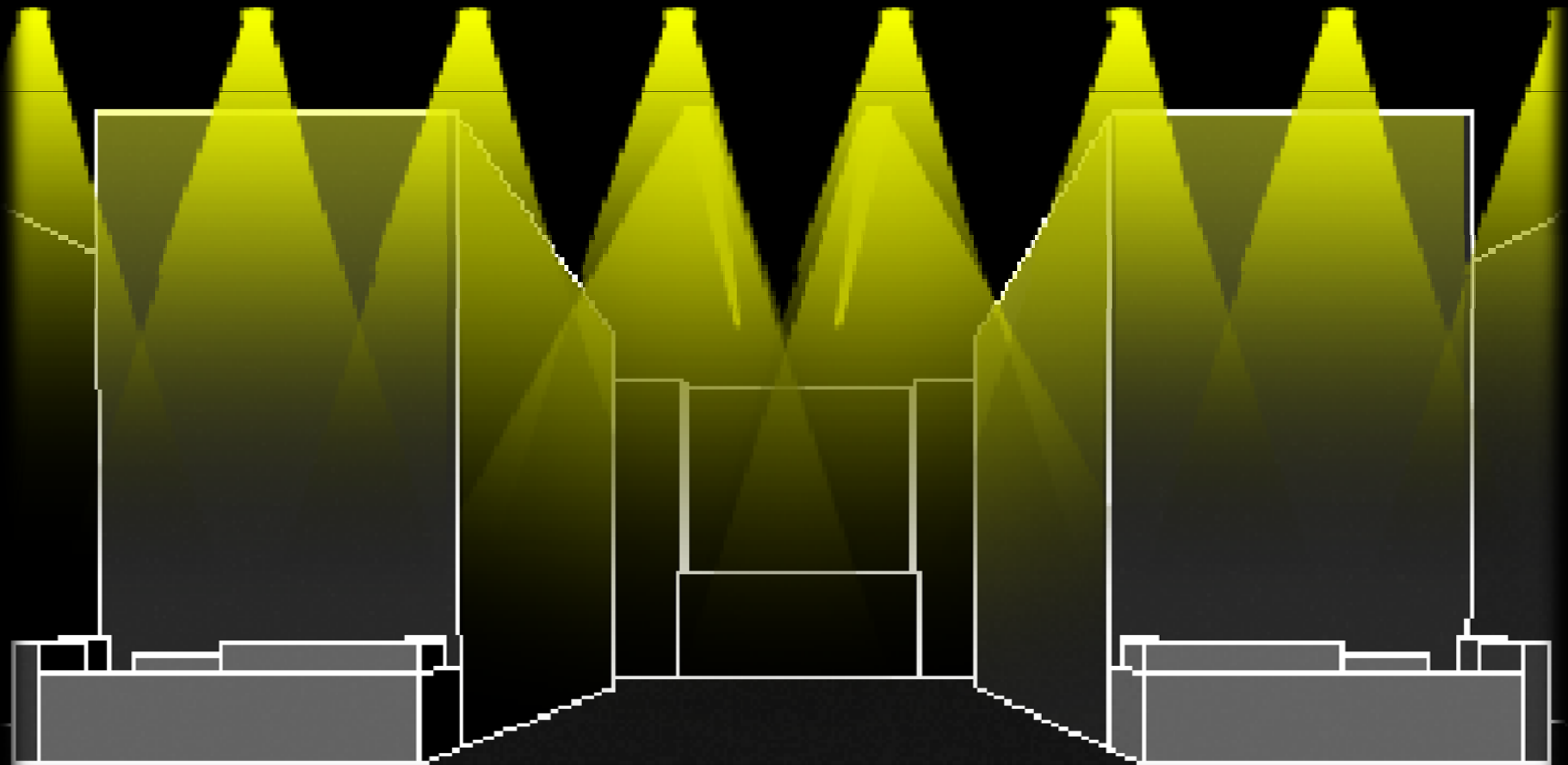
Lobby – Elevator Waiting Area



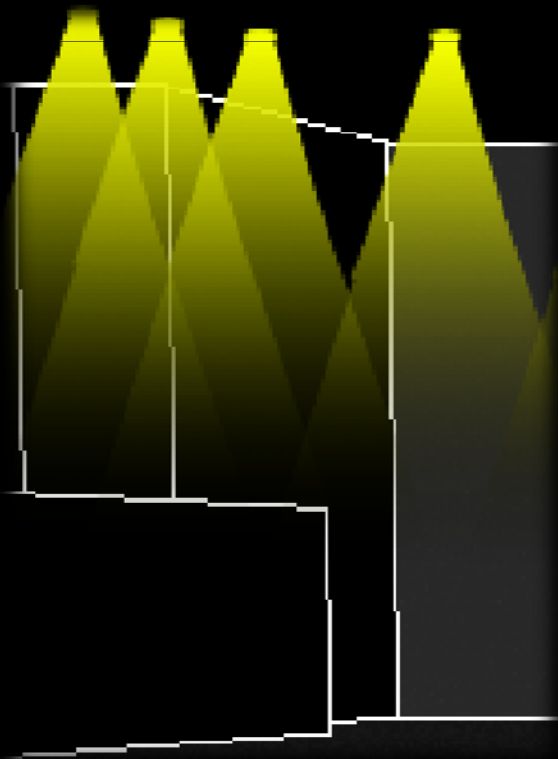
Lobby - Circulation



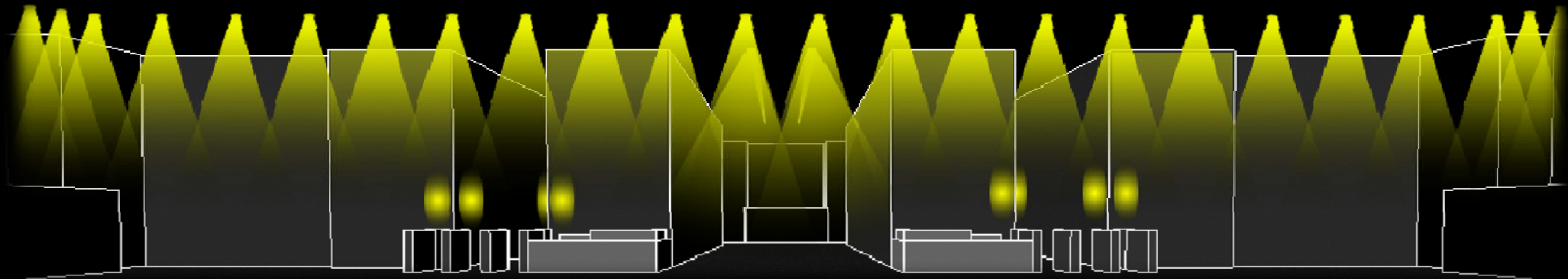
Lobby - Circulation



Lobby – Ease Circulation



Lobby



Café – Psychological Impressions

Design Considerations:

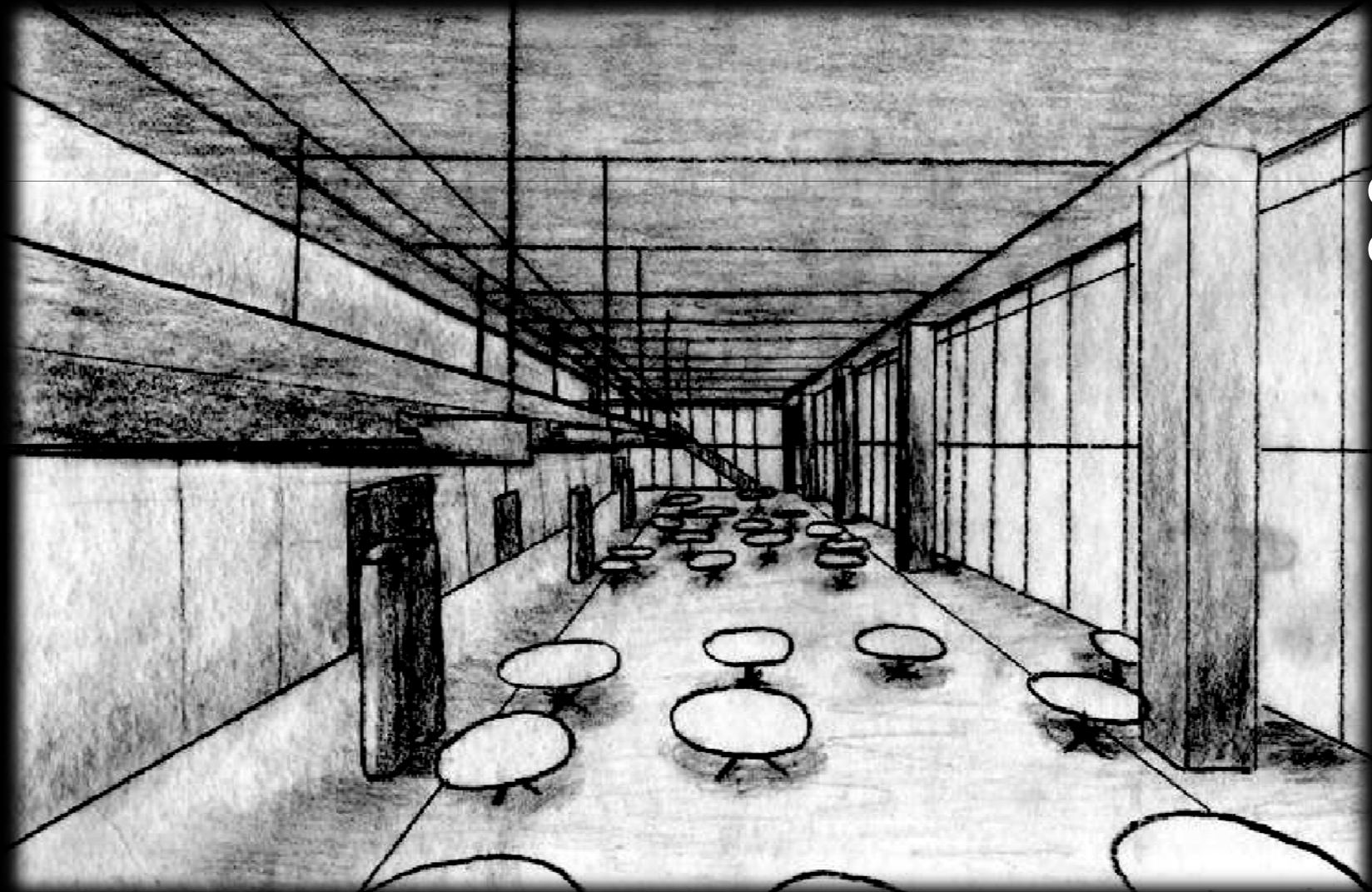
1. Private

- Non-Uniform
- Highlighting Walls / Perimeter

2. Public

- High Ambient
- Uniform

Café - Private



Grazed
Walls

Grazed
Columns

Non-Uniformly Lit Floor

Café - Private

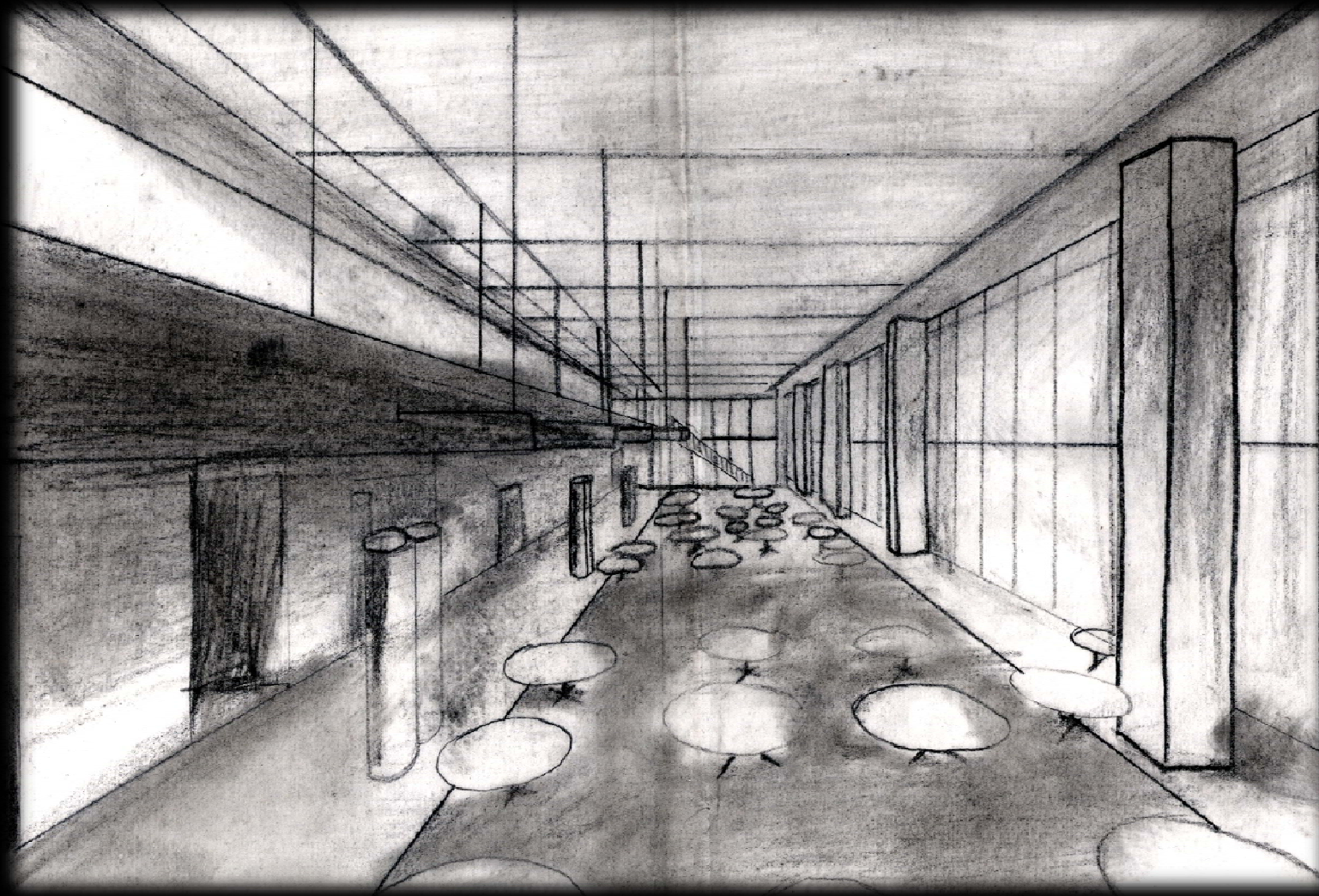


Grazed
Walls

Grazed
Columns

Non-Uniformly Lit Floor

Café - Public



High
Ambient
Levels

Uniformly lit Floor

Café - Public



High
Ambient
Levels

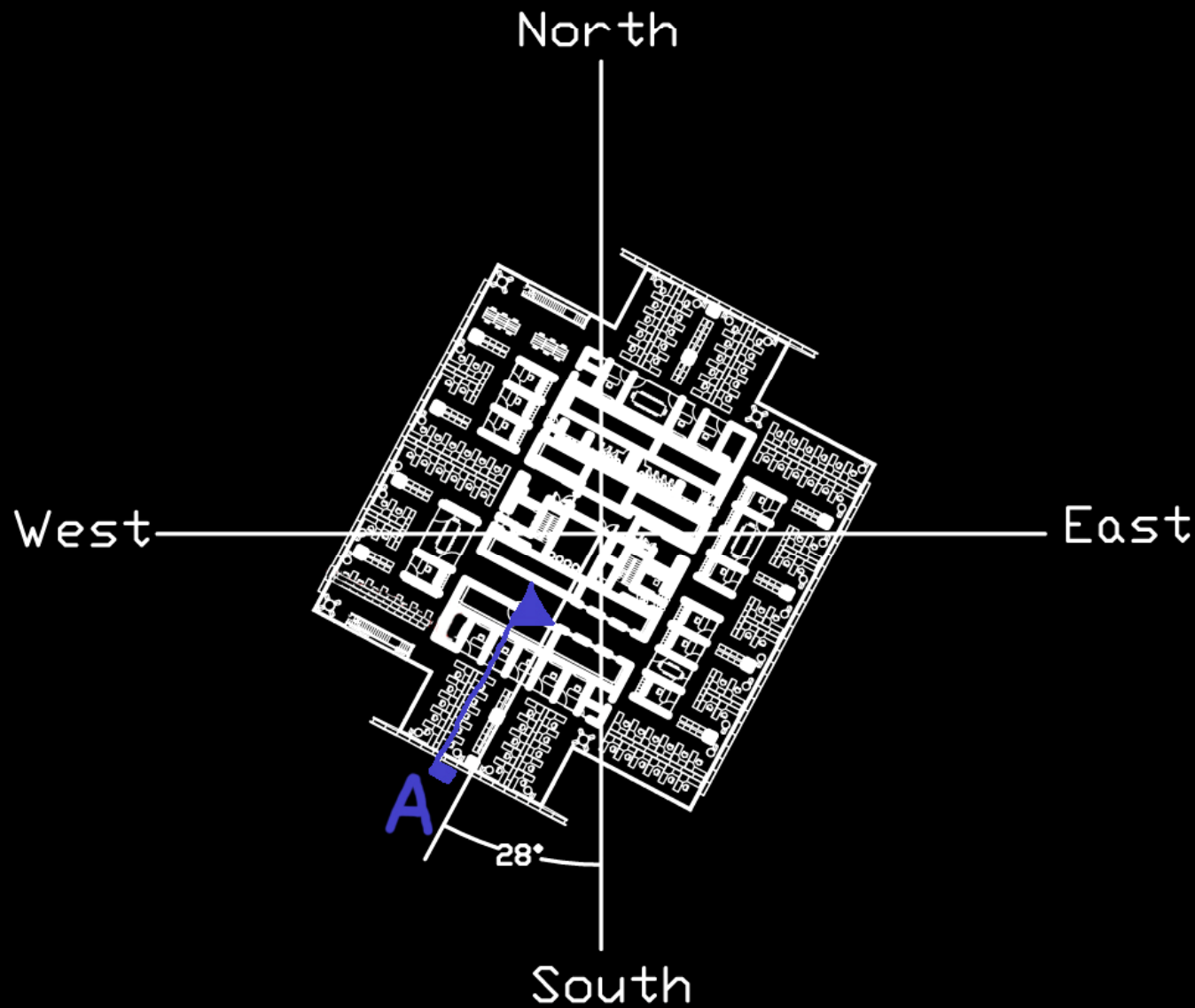
Uniformly lit Floor

Office

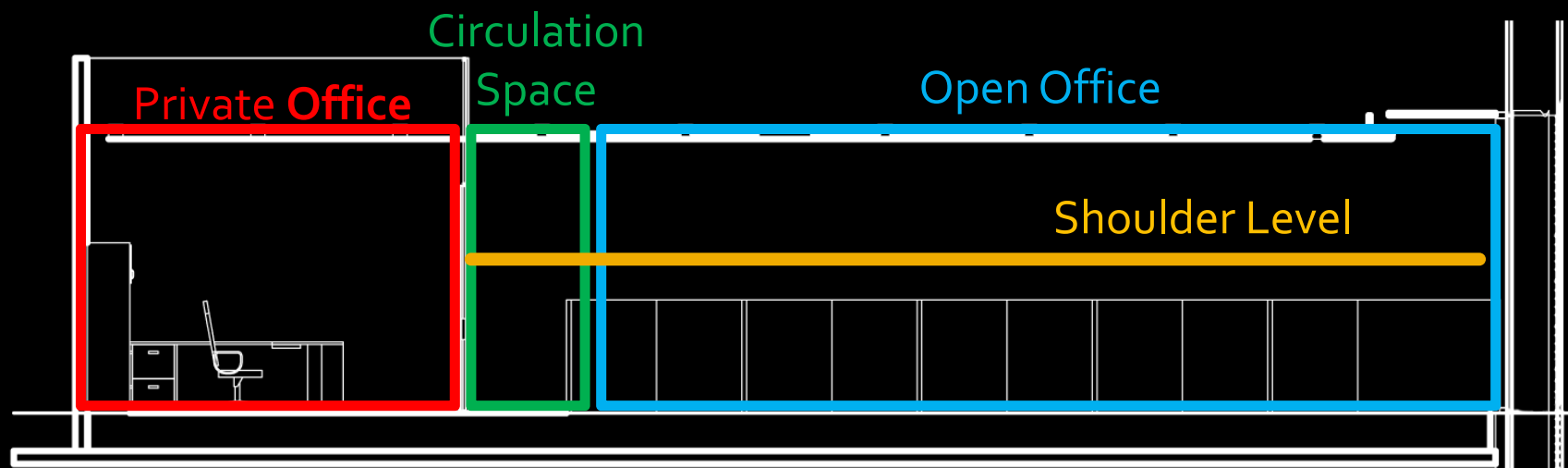
Design Considerations:

- Divide up spaces by use
- Keep architects ideas of linear / unbroken feel of the space
- Provide even lighting across layout
- Allow for reading while standing while moving around office

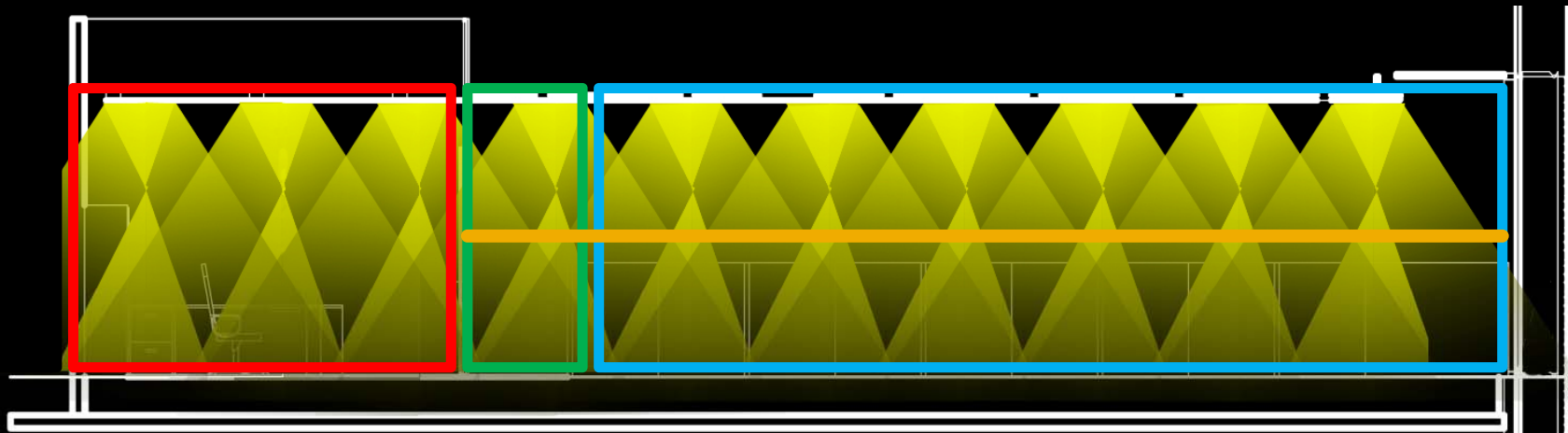
Office



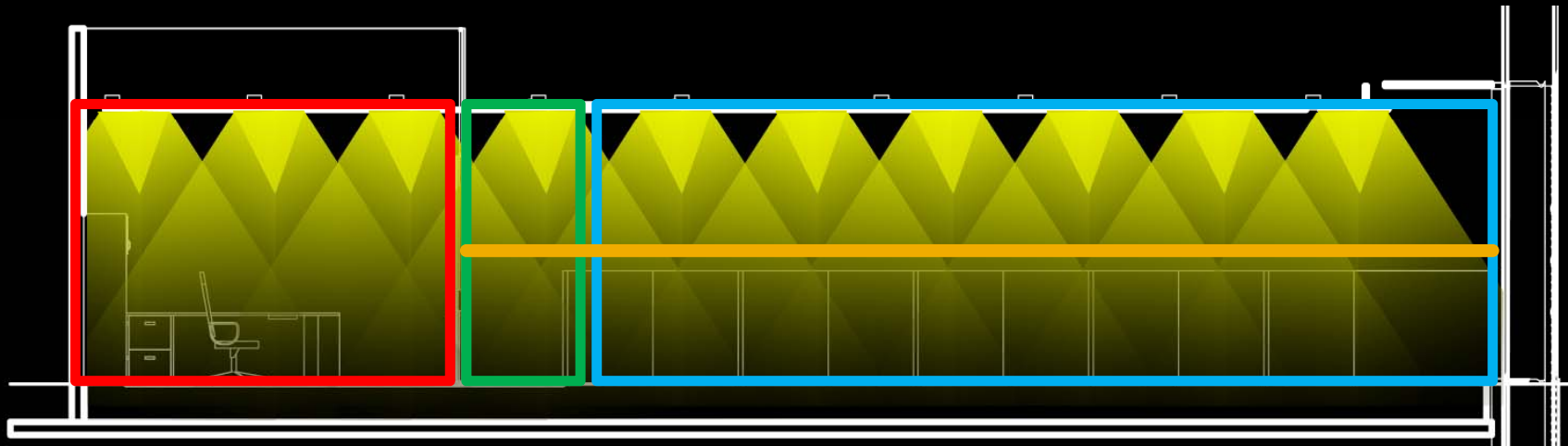
Office



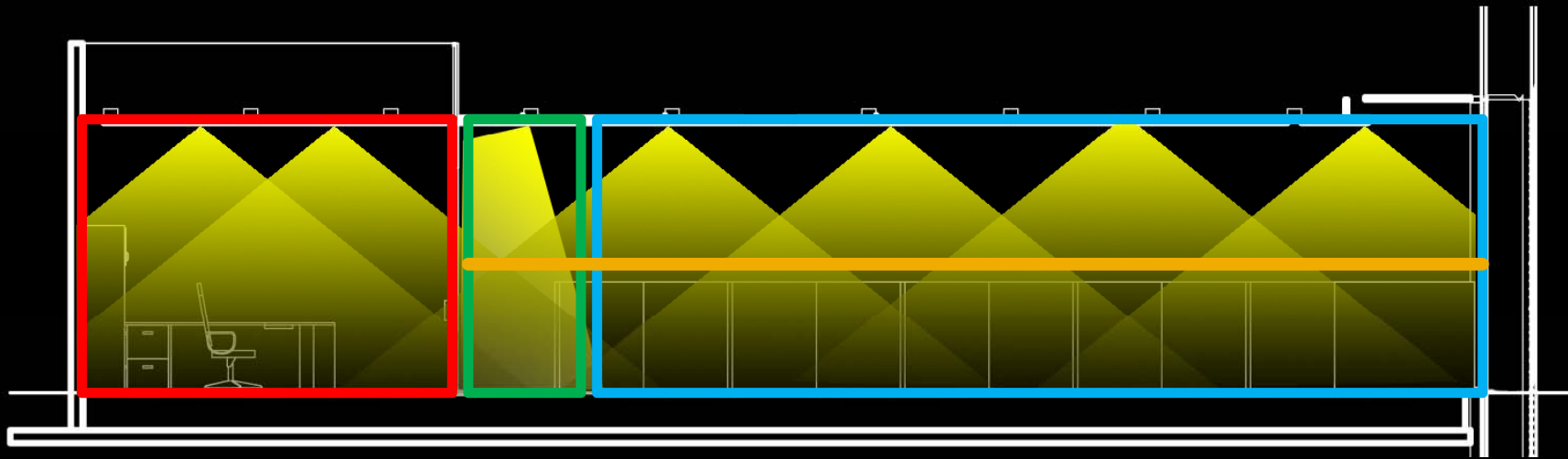
Office – Direct/Indirect



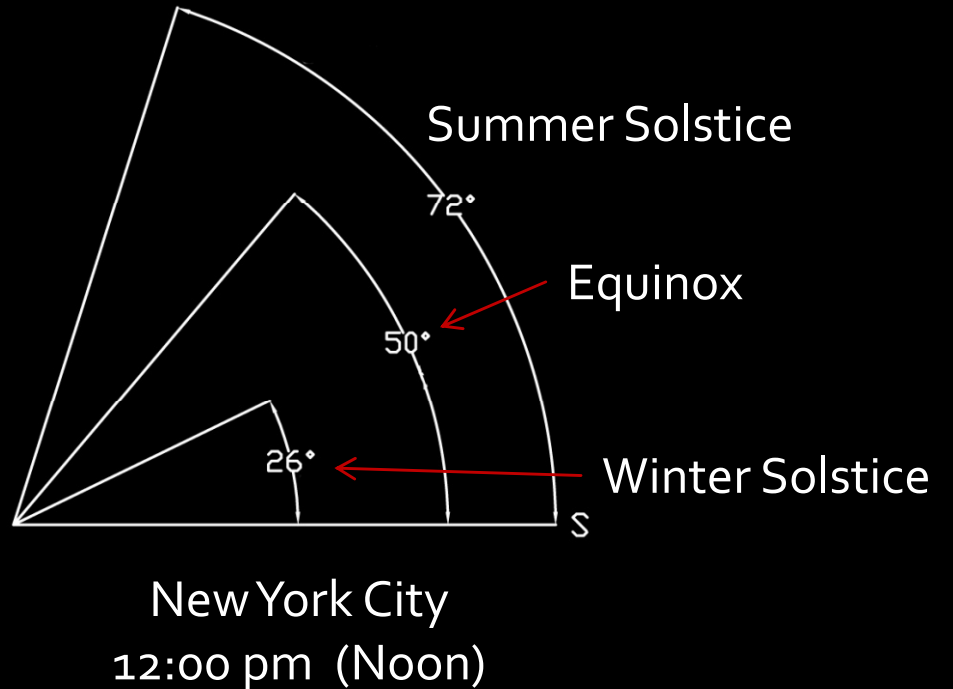
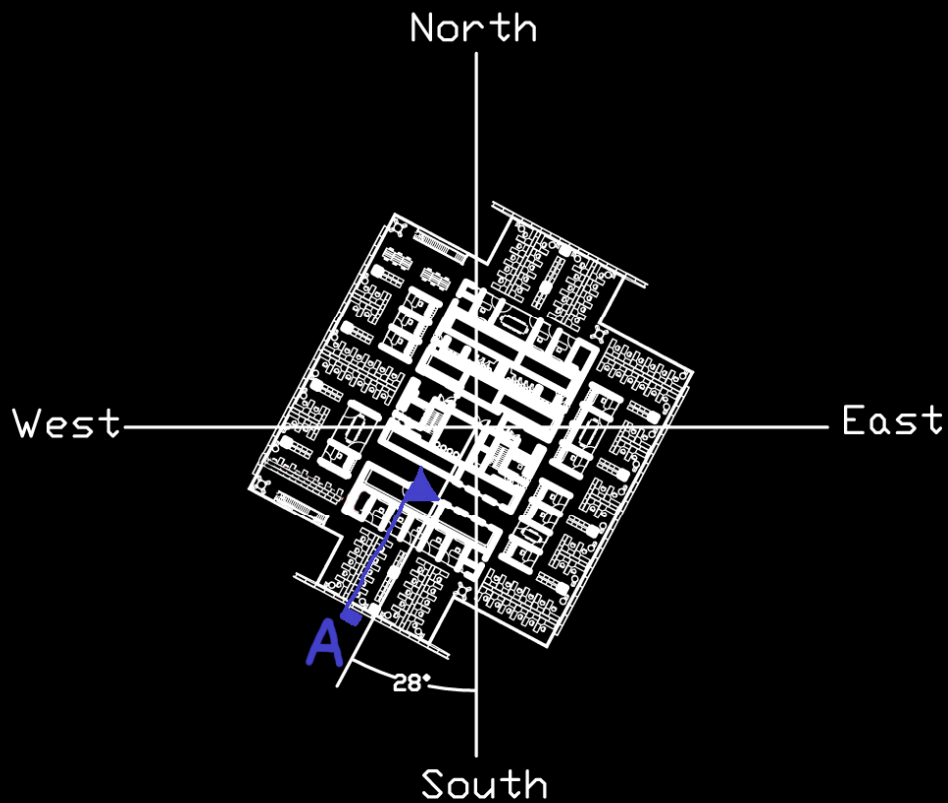
Office - Indirect



Office - Direct

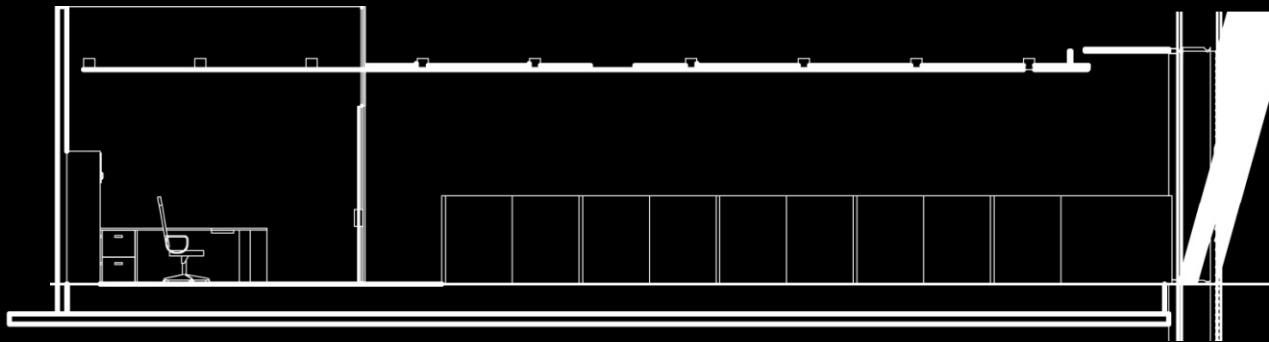


Daylighting



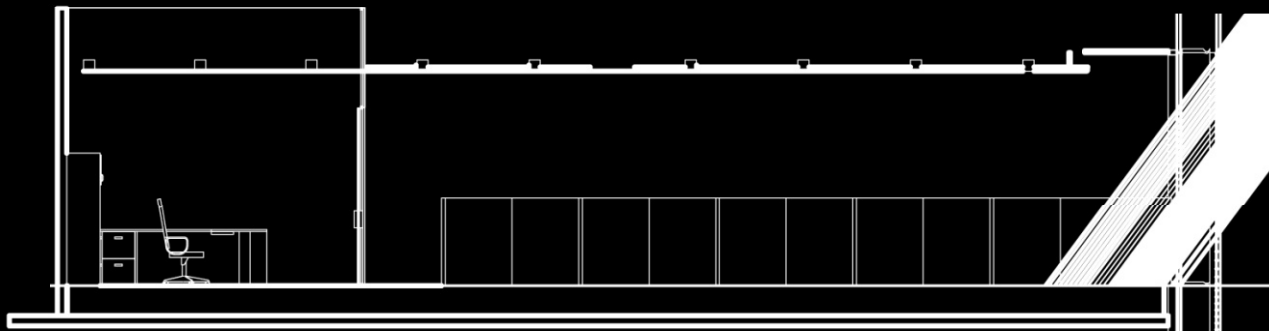
Daylighting

Summer Solstice



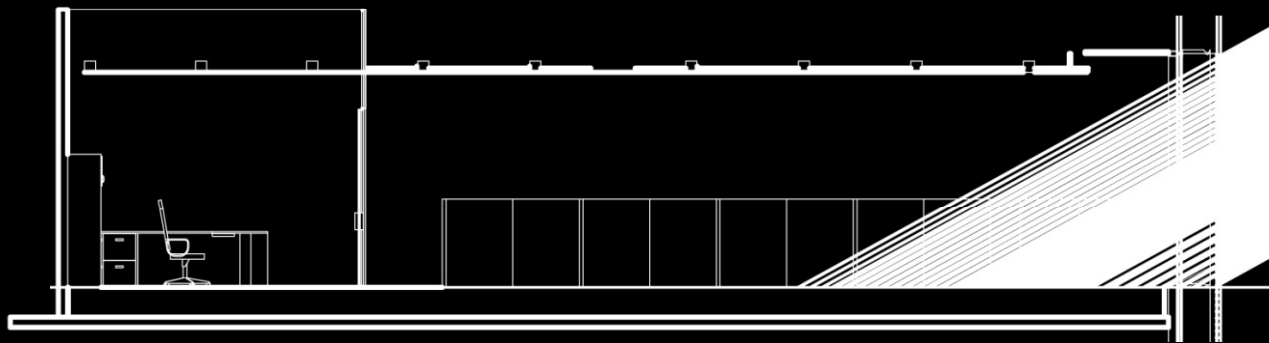
Daylighting

Equinox



Daylighting

Winter Solstice



Daylighting

Conclusions:

- Lighting design needs to allow for Daylighting control Integration
- Façade redesign considerations to increase “transparency”
- Apply shading to control direct sunlight while increasing daylight

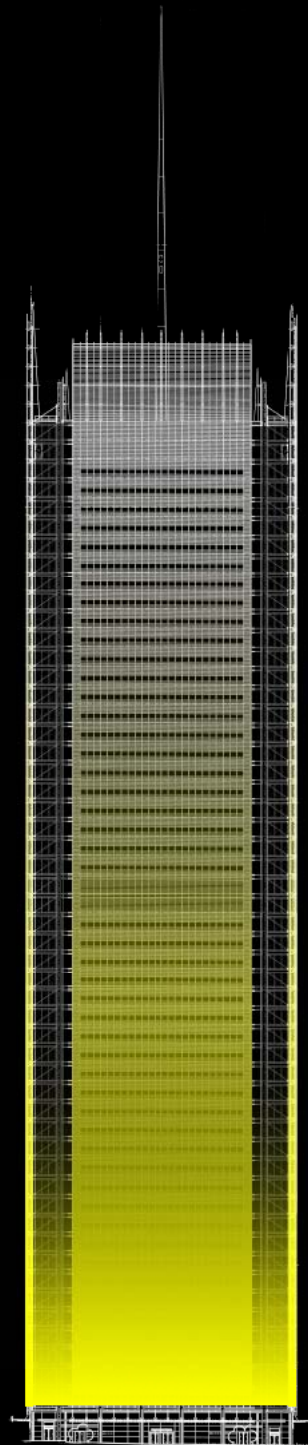
Facade

Design Considerations:

- Minimize Skyglow
- Reinforce Architects idea of disappearing into the sky
- Help Highlight Architectural Main points (Rod system)
- Help building fit in at the busy and bright street level

Facade

Cut-off At
Edges of
Facade



No Light
At Top

Low Light
Levels

Bright First
few Levels

Facade



Overview – Location – Approach – Lobby – Café – Office – Daylighting – *Facade*

**Thank You
For Your Time.**